

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030520\
 Data File : VY001872.D
 Acq On : 05 Mar 2020 11:38
 Operator : SY/MD
 Sample : L1161-03 2.5PPBMDL
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 06 05:50:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	168450	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	303637	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	269863	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.42	152	123548	50.00	ug/l	-0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	91934	51.12	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	102.24%	
35) Dibromofluoromethane	7.74	113	84830	51.16	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	102.32%	
50) Toluene-d8	10.19	98	359852	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	
62) 4-Bromofluorobenzene	12.49	95	122478	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.91	85	4586	2.949 ug/l	88
3) Chloromethane	2.12	50	7426	3.542 ug/l	95
4) Vinyl Chloride	2.26	62	5982	2.805 ug/l #	87
5) Bromomethane	2.66	94	4715	3.333 ug/l	87
6) Chloroethane	2.81	64	3968	2.962 ug/l	96
7) Trichlorofluoromethane	3.14	101	8441	2.919 ug/l	93
8) Diethyl Ether	3.55	74	3005	2.636 ug/l	86
9) 1,1,2-Trichlorotrifluoroet	3.92	101	4916	2.643 ug/l	92
10) Methyl Iodide	4.10	142	4970	2.311 ug/l	100
11) Tert butyl alcohol	4.98	59	2800	12.755 ug/l #	83
12) 1,1-Dichloroethene	3.90	96	5289	2.824 ug/l	90
13) Acrolein	3.75	56	3116	12.331 ug/l	86
14) Allyl chloride	4.50	41	9073	2.733 ug/l	98
15) Acrylonitrile	5.19	53	7970	13.086 ug/l	98
16) Acetone	3.97	43	7009	13.382 ug/l	97
17) Carbon Disulfide	4.21	76	16842	2.675 ug/l	99
18) Methyl Acetate	4.51	43	3869	2.875 ug/l	95
19) Methyl tert-butyl Ether	5.24	73	12734	2.509 ug/l #	77
20) Methylene Chloride	4.74	84	13358	5.951 ug/l	97
21) trans-1,2-Dichloroethene	5.24	96	5716	2.689 ug/l	87
22) Diisopropyl ether	6.14	45	17729	2.605 ug/l #	88
23) Vinyl Acetate	6.08	43	56302	12.619 ug/l	96
24) 1,1-Dichloroethane	6.04	63	10007	2.715 ug/l	94
25) 2-Butanone	7.00	43	9865	12.385 ug/l	92
26) 2,2-Dichloropropane	7.00	77	7801	2.579 ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	6310	2.729 ug/l	100
28) Bromochloromethane	7.36	49	4449	2.678 ug/l	99
29) Tetrahydrofuran	7.36	42	7199	13.610 ug/l	98
30) Chloroform	7.53	83	9593	2.770 ug/l	93
31) Cyclohexane	7.80	56	13276	3.360 ug/l #	68
32) 1,1,1-Trichloroethane	7.72	97	7744	2.653 ug/l	95
36) 1,1-Dichloropropene	7.93	75	7890	2.700 ug/l	98
37) Ethyl Acetate	7.10	43	4460	2.626 ug/l	98
38) Carbon Tetrachloride	7.92	117	6701	2.685 ug/l #	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	10664	2.752	ug/l	98
40) Benzene	8.18	78	23530	2.717	ug/l	99
41) Methacrylonitrile	7.33	41	2261	2.958	ug/l #	1
42) 1,2-Dichloroethane	8.26	62	6162	2.761	ug/l	98
43) Isopropyl Acetate	8.28	43	7943	2.470	ug/l	98
44) Trichloroethene	8.96	130	6327	3.000	ug/l	81
45) 1,2-Dichloropropane	9.22	63	5967	2.741	ug/l	89
46) Dibromomethane	9.32	93	2988	2.663	ug/l	99
47) Bromodichloromethane	9.50	83	6710	2.571	ug/l	98
48) Methyl methacrylate	9.30	41	3920	2.748	ug/l	97
49) 1,4-Dioxane	9.30	88	706	45.925	ug/l #	95
51) 4-Methyl-2-Pentanone	10.08	43	20902	12.622	ug/l	99
52) Toluene	10.25	92	14659	2.786	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	7041	2.476	ug/l	89
54) cis-1,3-Dichloropropene	9.94	75	8597	2.540	ug/l	96
55) 1,1,2-Trichloroethane	10.66	97	4401	2.680	ug/l	89
56) Ethyl methacrylate	10.52	69	5682	2.361	ug/l #	90
57) 1,3-Dichloropropane	10.80	76	7587	2.592	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	10383	10.881	ug/l	99
59) 2-Hexanone	10.84	43	15059	12.740	ug/l	98
60) Dibromochloromethane	10.99	129	4126	2.385	ug/l	98
61) 1,2-Dibromoethane	11.10	107	3954	2.542	ug/l	95
64) Tetrachloroethene	10.72	164	4857	2.870	ug/l	90
65) Chlorobenzene	11.52	112	15183	2.824	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.60	131	4641	2.632	ug/l	97
67) Ethyl Benzene	11.60	91	26724	2.665	ug/l	98
68) m/p-Xylenes	11.70	106	19689	5.310	ug/l	97
69) o-Xylene	12.03	106	9325	2.668	ug/l	100
70) Styrene	12.05	104	15737	2.629	ug/l	99
71) Bromoform	12.20	173	2477	2.590	ug/l #	92
73) Isopropylbenzene	12.33	105	25945	2.751	ug/l	100
74) N-amyl acetate	12.14	43	7250	2.501	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.59	83	4975	2.446	ug/l	97
76) 1,2,3-Trichloropropane	12.64	75	6856	4.677	ug/l #	100
77) Bromobenzene	12.61	156	5567	2.786	ug/l	96
78) n-propylbenzene	12.67	91	31929	2.744	ug/l	100
79) 2-Chlorotoluene	12.76	91	17509	2.724	ug/l	96
80) 1,3,5-Trimethylbenzene	12.81	105	21206	2.731	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.49	75	61392	84.591	ug/l #	17
82) 4-Chlorotoluene	12.86	91	19023	2.842	ug/l	100
83) tert-Butylbenzene	13.08	119	17270	2.678	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	20688	2.685	ug/l	99
85) sec-Butylbenzene	13.25	105	25611	2.694	ug/l	98
86) p-Isopropyltoluene	13.37	119	22087	2.694	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	10911	2.786	ug/l	95
88) 1,4-Dichlorobenzene	13.45	146	11323	2.850	ug/l	86
89) n-Butylbenzene	13.70	91	22587	2.655	ug/l	97
90) Hexachloroethane	13.96	117	3879	2.508	ug/l	93
91) 1,2-Dichlorobenzene	13.74	146	10223	2.874	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.36	75	800	2.521	ug/l	88

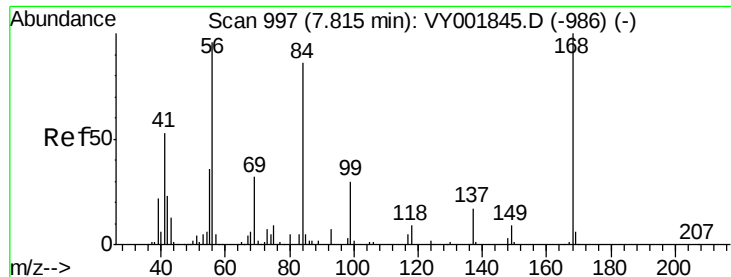
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	6886	2.985	ug/l	97
94) Hexachlorobutadiene	15.11	225	3223	2.866	ug/l	96
95) Naphthalene	15.24	128	14634	2.674	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	6447	3.172	ug/l	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001872.D

Acq: 05 Mar 2020 11:38

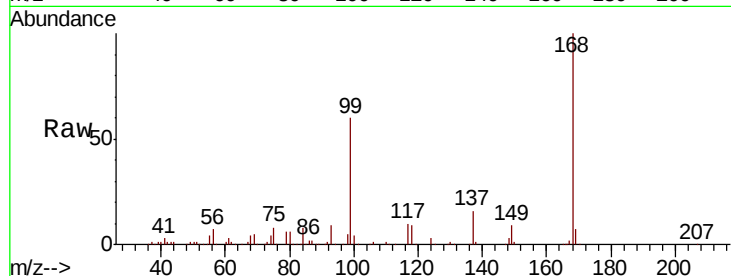
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 168450

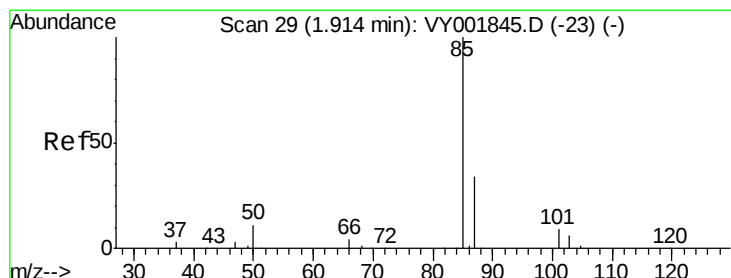
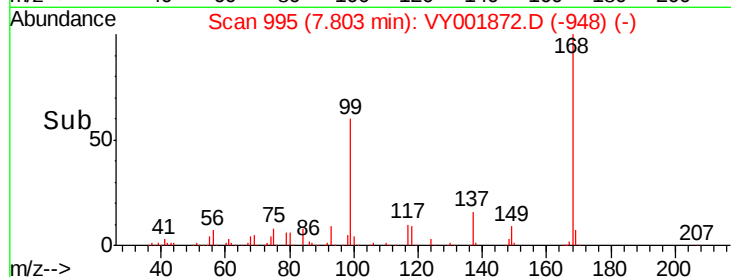
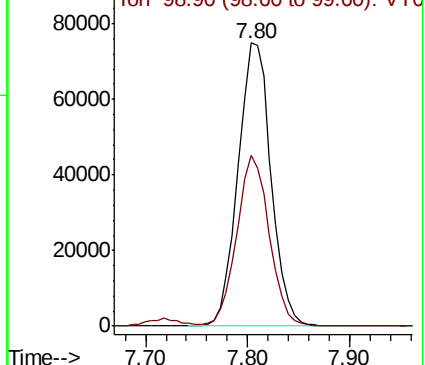
Ion Ratio Lower Upper

168 100

99 60.5 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)



#2

Dichlorodifluoromethane

Concen: 2.949 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.01 min

Lab File: VY001872.D

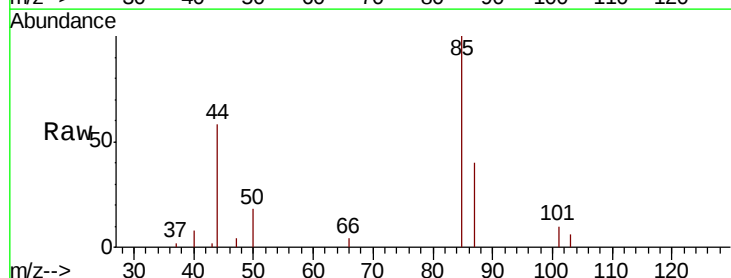
Acq: 05 Mar 2020 11:38

Tgt Ion: 85 Resp: 4586

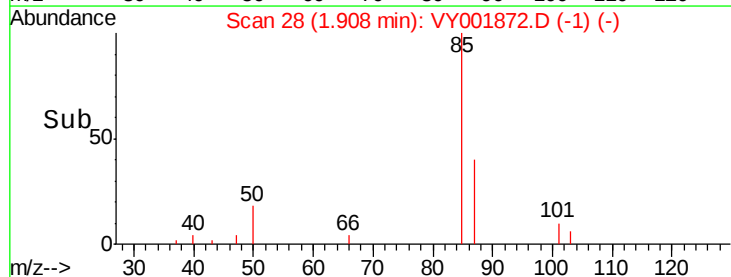
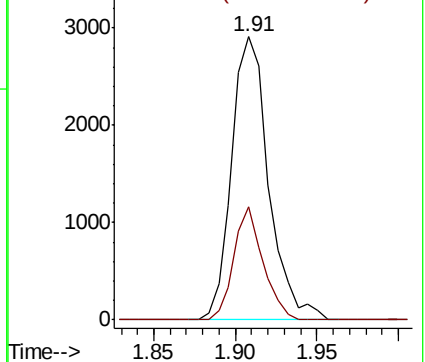
Ion Ratio Lower Upper

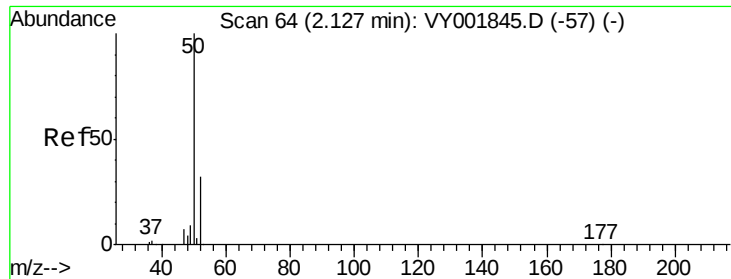
85 100

87 40.2 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VY001845.D (-23) (-)





#3

Chloromethane

Concen: 3.542 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.01 min

Lab File: VY001872.D

Acq: 05 Mar 2020 11:38

Instrument :

MSVOA_Y

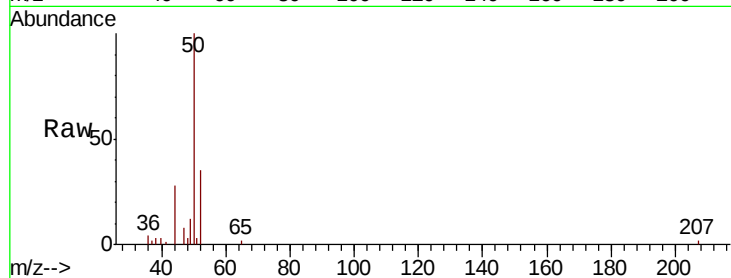
ClientSampleId :

Tot Ion: 50 Resp: 7426

Ion Ratio Lower Upper

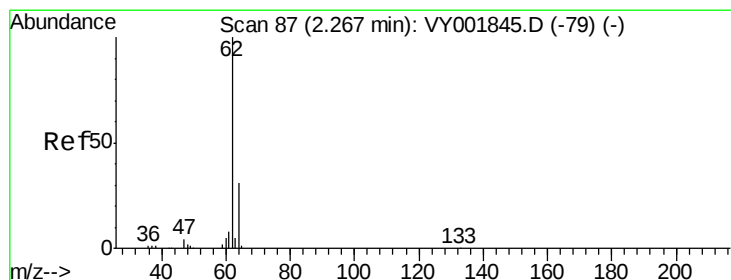
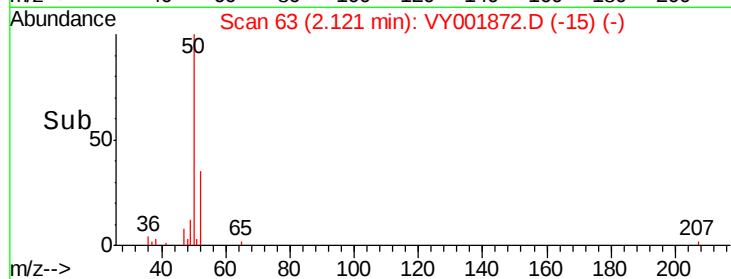
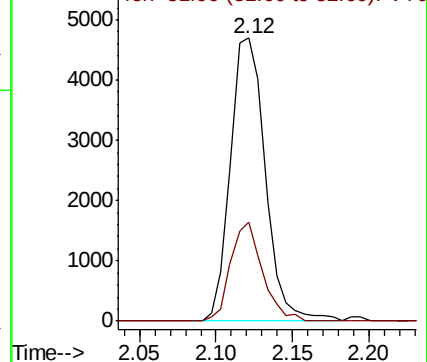
50 100

52 34.9 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 2.805 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY001872.D

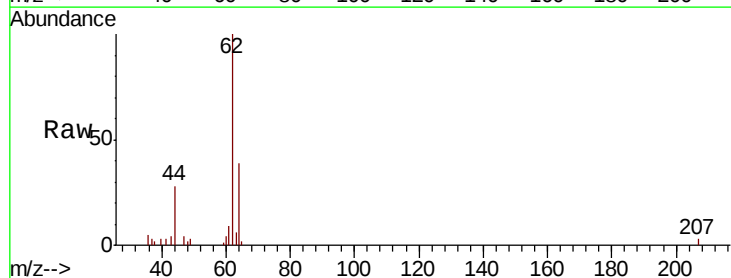
Acq: 05 Mar 2020 11:38

Tgt Ion: 62 Resp: 5982

Ion Ratio Lower Upper

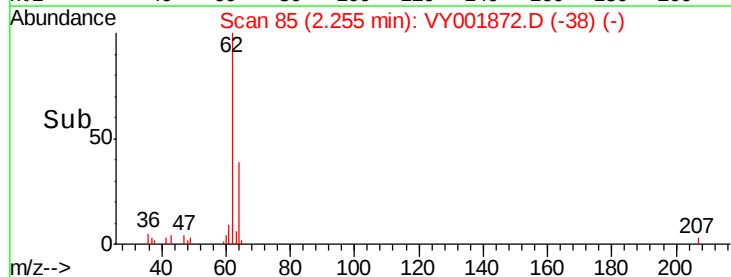
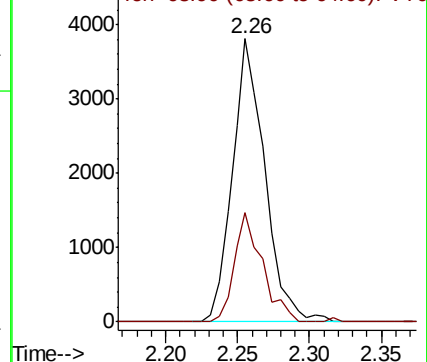
62 100

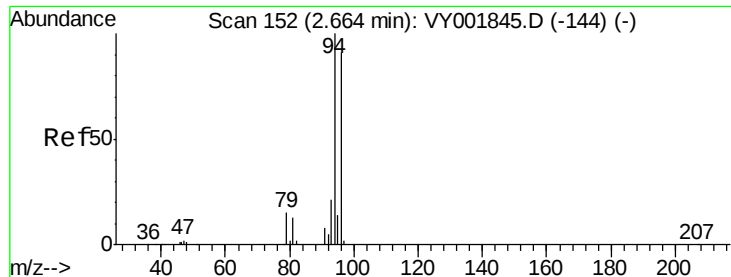
64 38.6 25.1 37.7#



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 3.333 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.00 min

Lab File: VY001872.D

Acq: 05 Mar 2020 11:38

Instrument :

MSVOA_Y

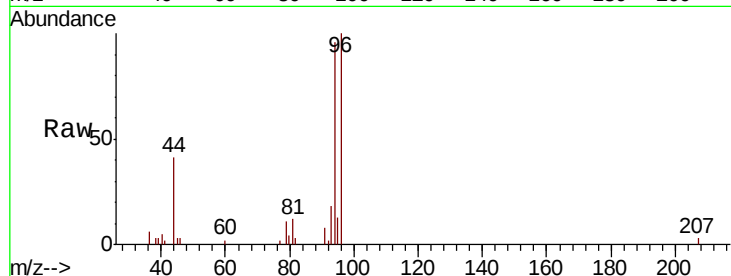
ClientSampleId :

Tot Ion: 94 Resp: 4715

Ion Ratio Lower Upper

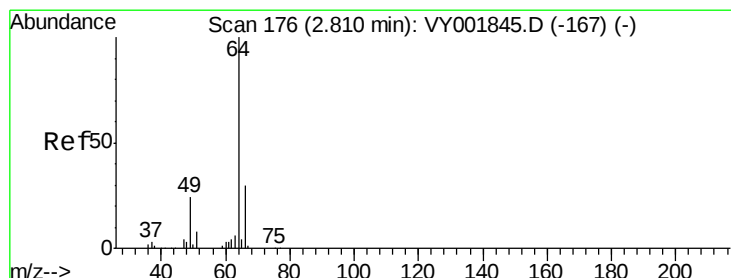
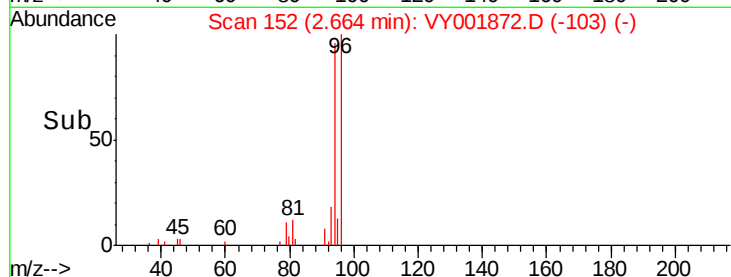
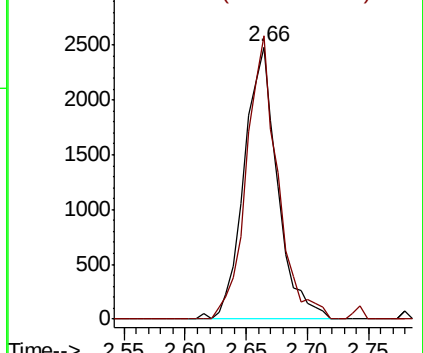
94 100

96 103.9 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 2.962 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.00 min

Lab File: VY001872.D

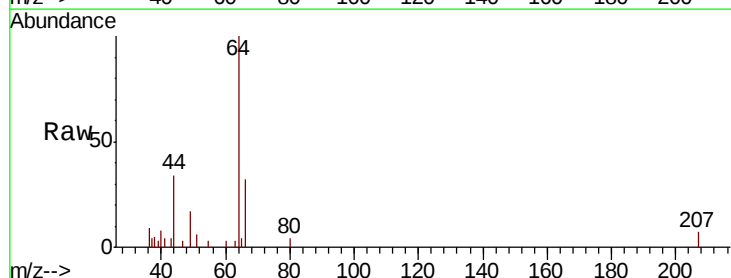
Acq: 05 Mar 2020 11:38

Tgt Ion: 64 Resp: 3968

Ion Ratio Lower Upper

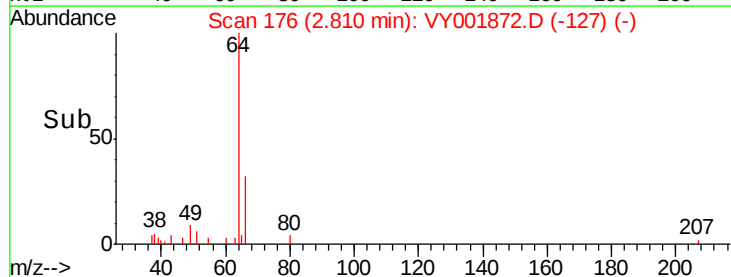
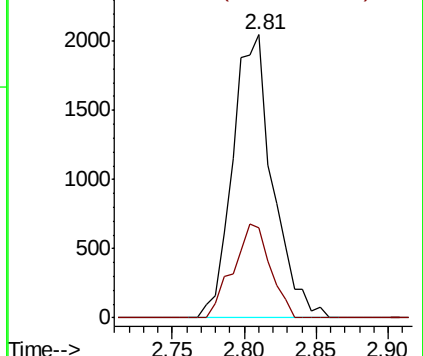
64 100

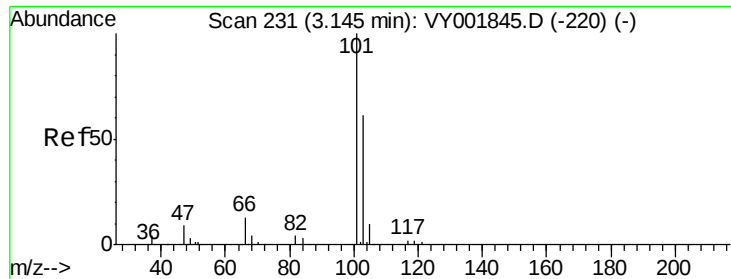
66 32.1 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



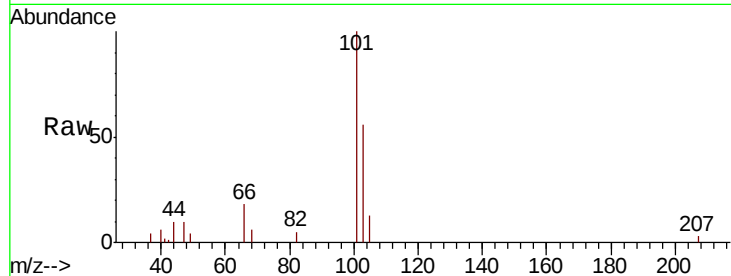


#7

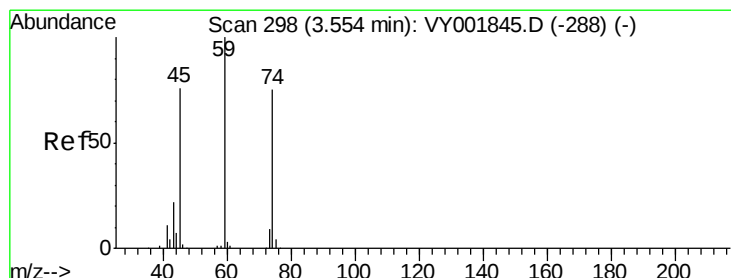
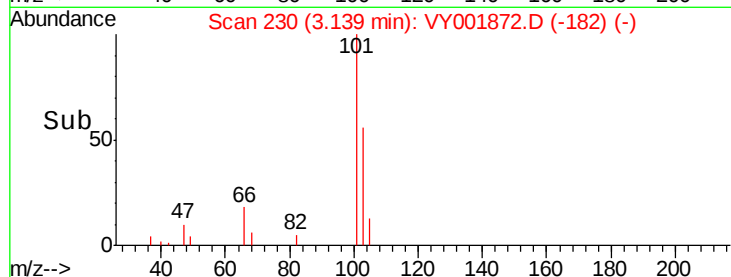
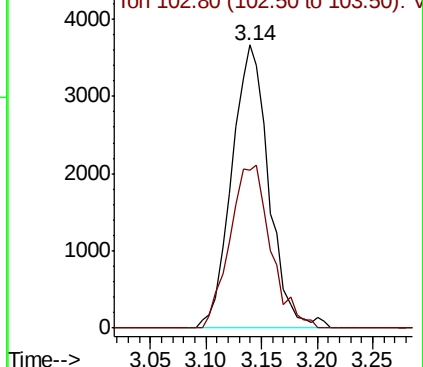
Trichlorofluoromethane
 Concen: 2.919 ug/l
 RT: 3.14 min Scan# 230
 Delta R.T. -0.01 min
 Lab File: VY001872.D
 Acq: 05 Mar 2020 11:38

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:101 Resp: 8441
 Ion Ratio Lower Upper
 101 100
 103 55.9 49.1 73.7



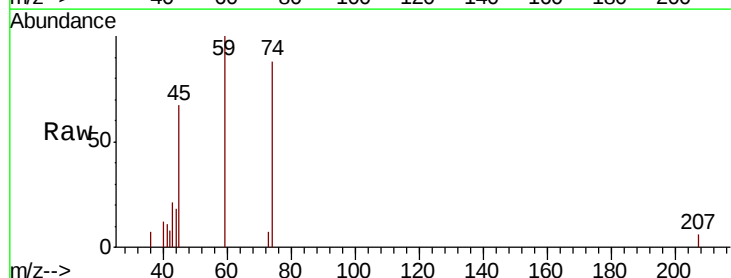
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



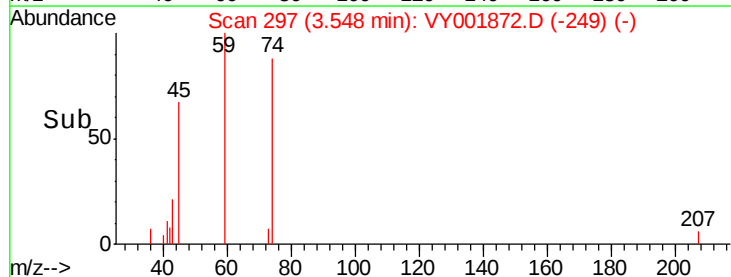
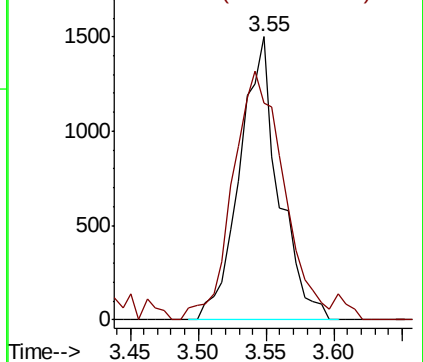
#8

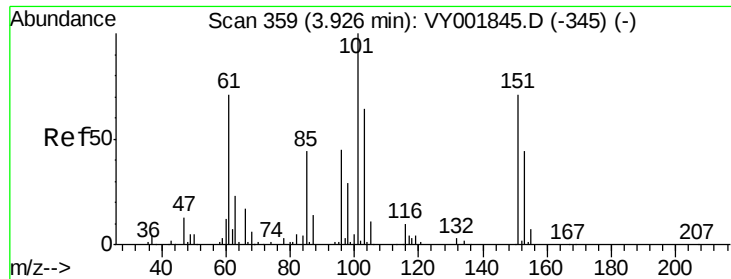
Diethyl Ether
 Concen: 2.636 ug/l
 RT: 3.55 min Scan# 297
 Delta R.T. -0.01 min
 Lab File: VY001872.D
 Acq: 05 Mar 2020 11:38

Tgt Ion: 74 Resp: 3005
 Ion Ratio Lower Upper
 74 100
 45 114.7 50.5 151.5



Abundance Ion 74.00 (73.70 to 74.70): VY0
 Ion 45.00 (44.70 to 45.70): VY0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.643 ug/l

RT: 3.92 min Scan# 358

Delta R.T. -0.01 min

Lab File: VY001872.D

Acq: 05 Mar 2020 11:38

Instrument :

MSVOA_Y

ClientSampleId :

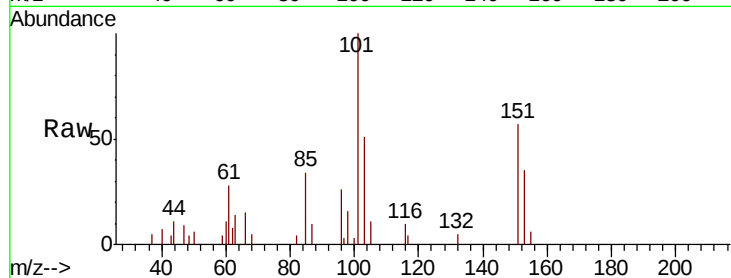
Tot Ion:101 Resp: 4916

Ion Ratio Lower Upper

101 100

85 46.3 35.3 52.9

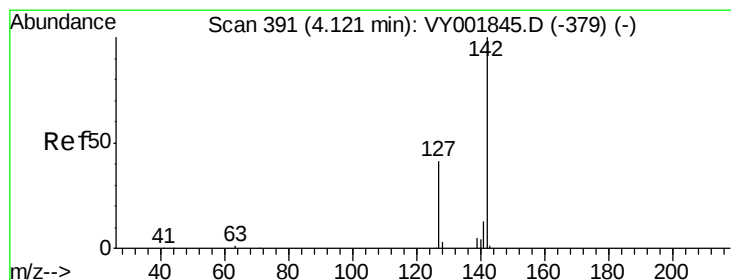
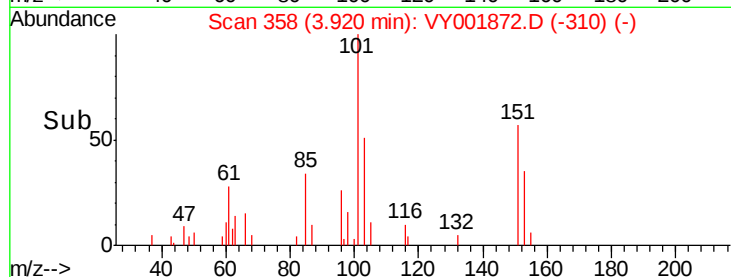
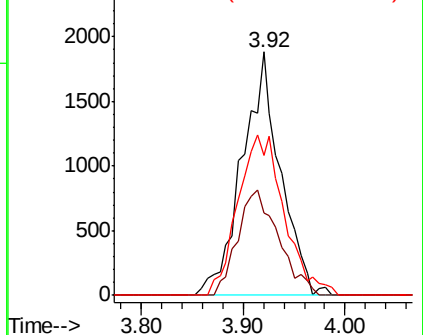
151 79.6 57.0 85.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 2.311 ug/l

RT: 4.10 min Scan# 388

Delta R.T. -0.02 min

Lab File: VY001872.D

Acq: 05 Mar 2020 11:38

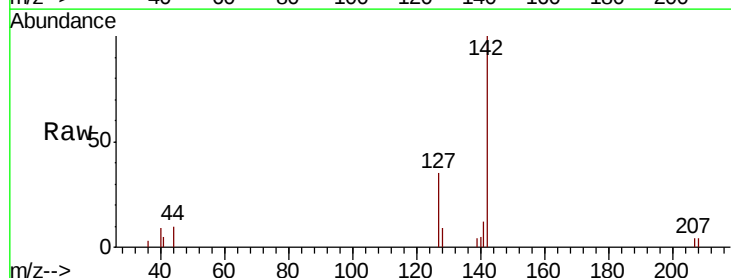
Tgt Ion:142 Resp: 4970

Ion Ratio Lower Upper

142 100

127 41.0 32.7 49.1

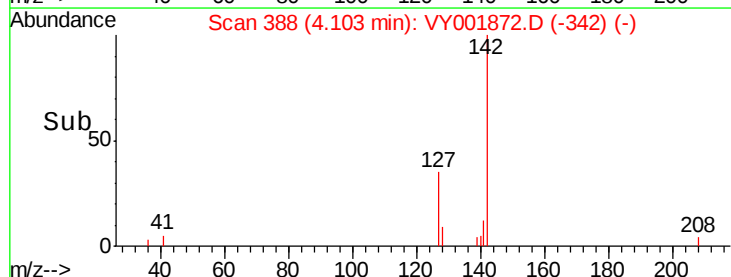
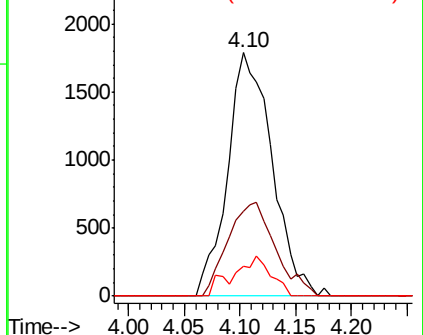
141 13.9 11.0 16.6

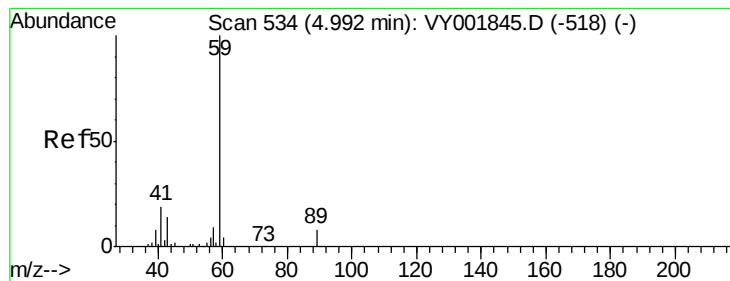


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



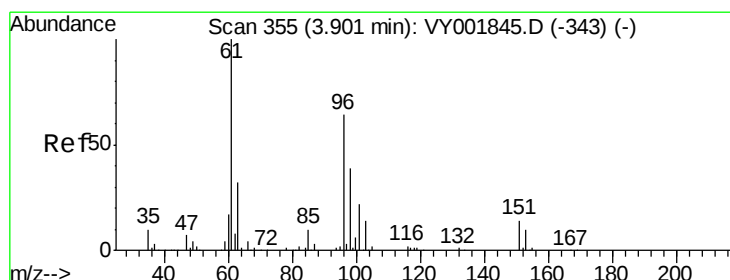
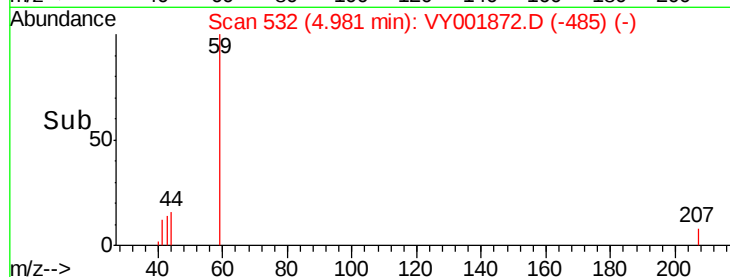
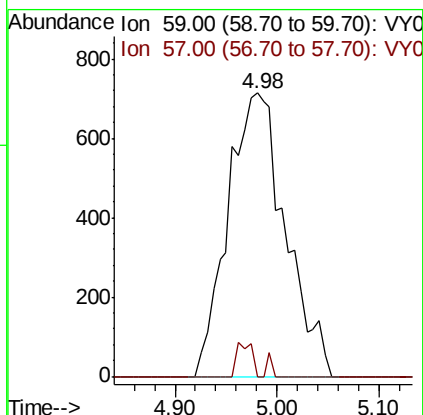
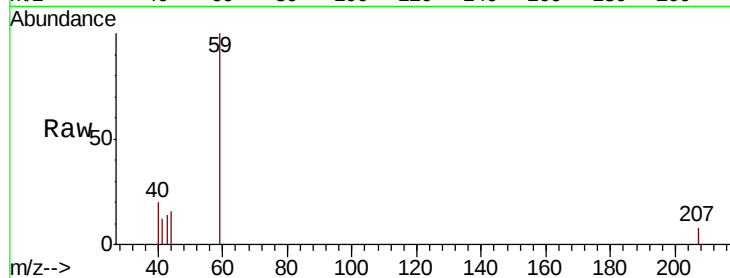


#11

Tert butyl alcohol
Concen: 12.755 ug/l
RT: 4.98 min Scan# 532
Delta R.T. -0.01 min
Lab File: VY001872.D
Acq: 05 Mar 2020 11:38

Instrument :
MSVOA_Y
ClientSampled :

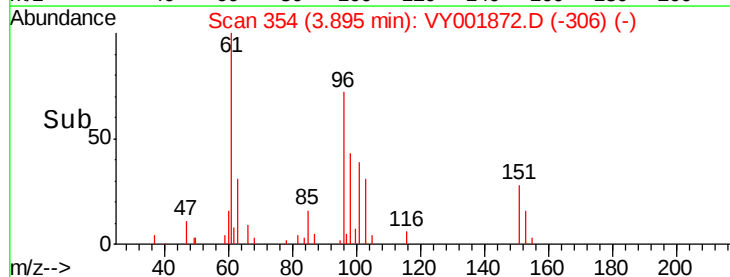
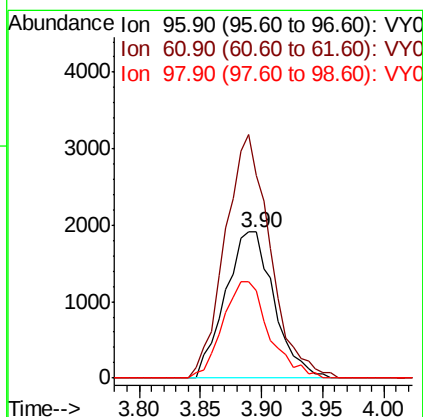
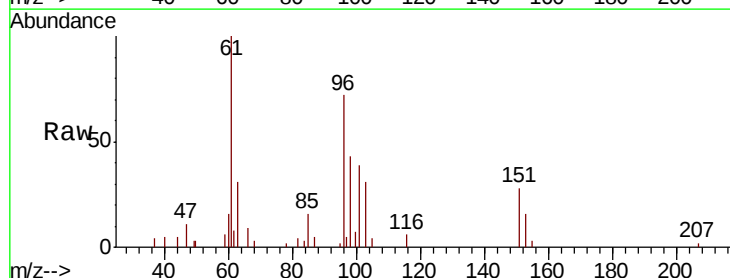
Tot Ion: 59 Resp: 2800
Ion Ratio Lower Upper
59 100
57 3.1 7.4 11.2#

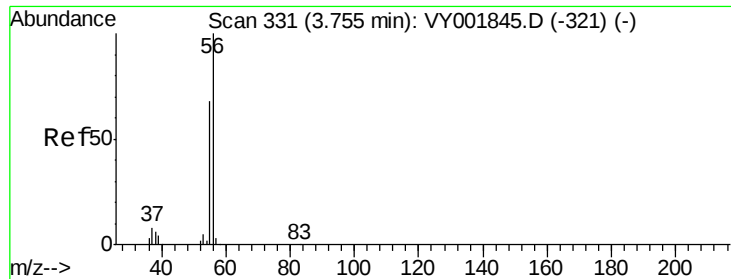


#12

1,1-Dichloroethene
Concen: 2.824 ug/l
RT: 3.90 min Scan# 354
Delta R.T. -0.01 min
Lab File: VY001872.D
Acq: 05 Mar 2020 11:38

Tgt Ion: 96 Resp: 5289
Ion Ratio Lower Upper
96 100
61 138.9 124.8 187.2
98 60.0 49.2 73.8





#13

Acrolein

Concen: 12.331 ug/l

RT: 3.75 min Scan# 330

Delta R.T. -0.01 min

Lab File: VY001872.D

Acq: 05 Mar 2020 11:38

Instrument :

MSVOA_Y

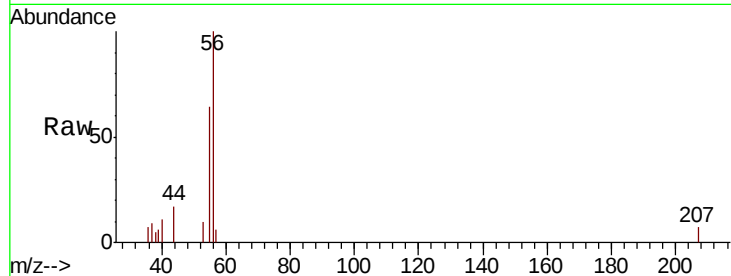
ClientSampled :

Tot Ion: 56 Resp: 3116

Ion Ratio Lower Upper

56 100

55 78.5 54.0 81.0



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

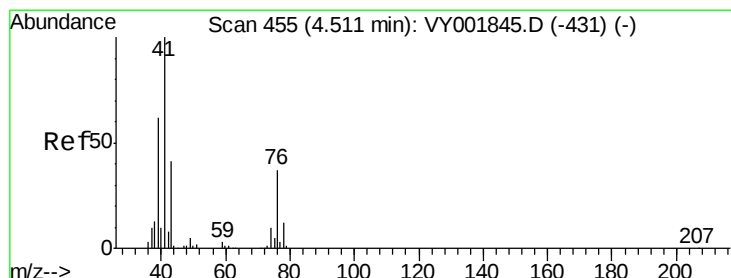
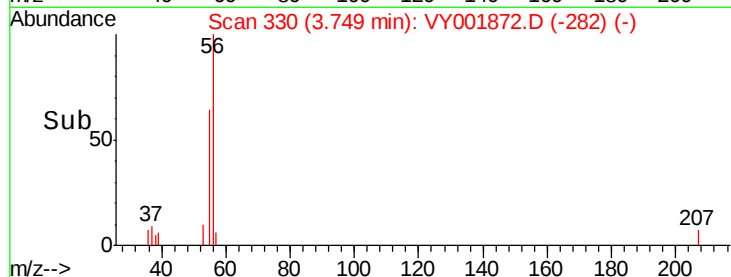
3.75

1000

500

0

Time--> 3.65 3.70 3.75 3.80 3.85



#14

Allyl chloride

Concen: 2.733 ug/l

RT: 4.50 min Scan# 453

Delta R.T. -0.01 min

Lab File: VY001872.D

Acq: 05 Mar 2020 11:38

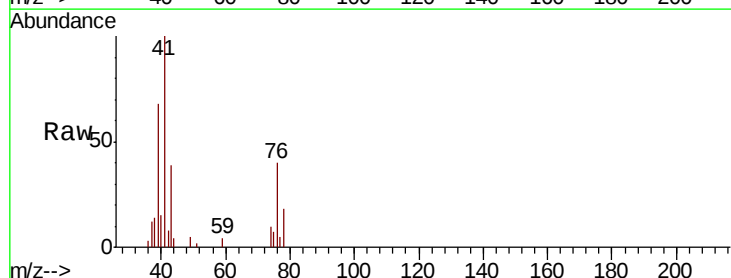
Tgt Ion: 41 Resp: 9073

Ion Ratio Lower Upper

41 100

39 62.4 49.0 73.6

76 34.7 28.9 43.3



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

4.50

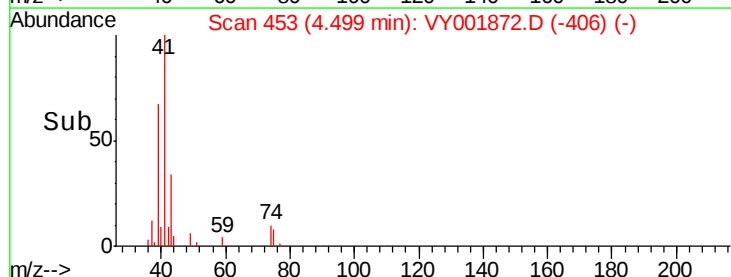
3000

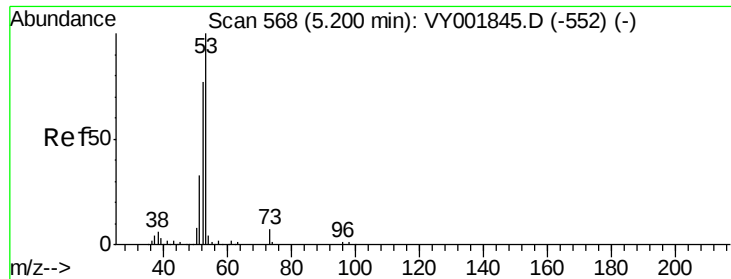
2000

1000

0

Time--> 4.40 4.50 4.60





#15

Acrylonitrile

Concen: 13.086 ug/l

RT: 5.19 min Scan# 566

Delta R.T. -0.01 min

Lab File: VY001872.D

Acq: 05 Mar 2020 11:38

Instrument :

MSVOA_Y

ClientSampleId :

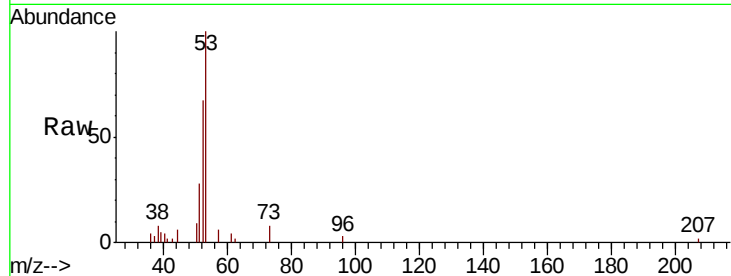
Tot Ion: 53 Resp: 7970

Ion Ratio Lower Upper

53 100

52 79.7 65.1 97.7

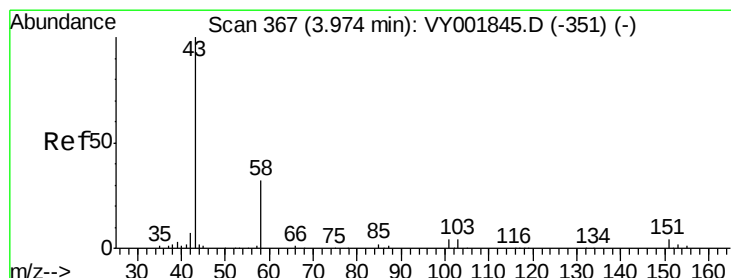
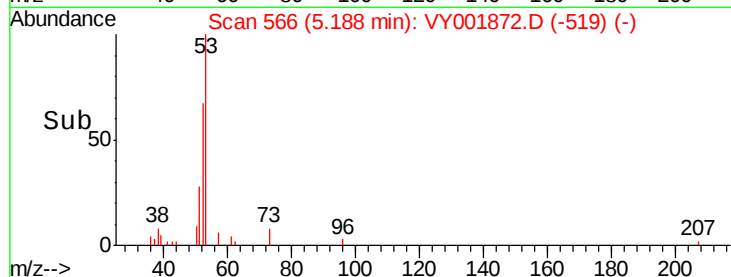
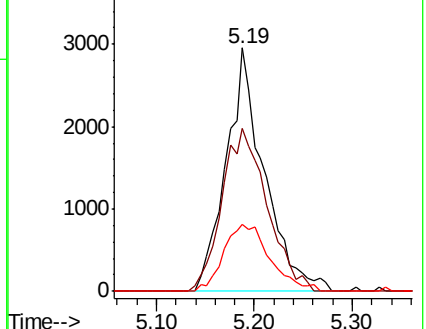
51 33.6 27.5 41.3



Abundance Ion 53.00 (52.70 to 53.70): VY001845.D (-552) (-)

Ion 52.00 (51.70 to 52.70): VY001845.D (-552) (-)

Ion 51.00 (50.70 to 51.70): VY001845.D (-552) (-)



#16

Acetone

Concen: 13.382 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.01 min

Lab File: VY001872.D

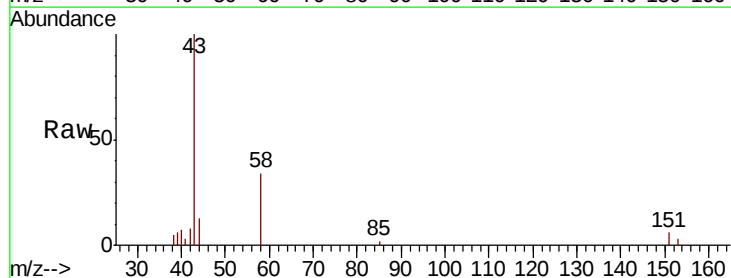
Acq: 05 Mar 2020 11:38

Tgt Ion: 43 Resp: 7009

Ion Ratio Lower Upper

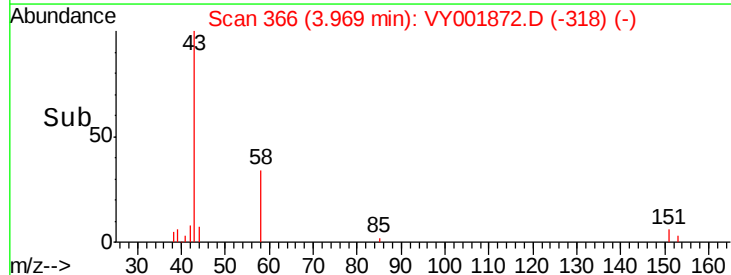
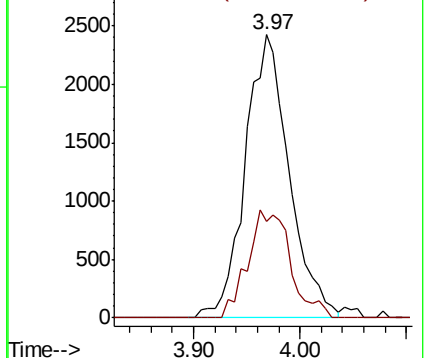
43 100

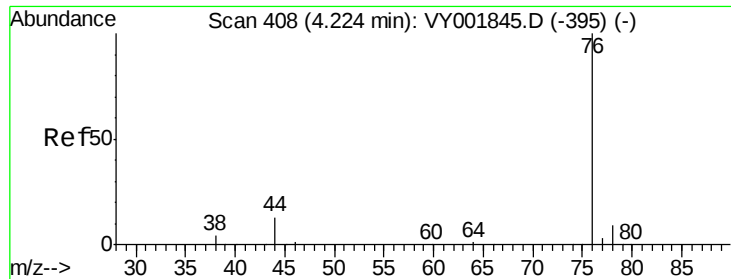
58 34.1 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VY001845.D (-351) (-)

Ion 58.00 (57.70 to 58.70): VY001845.D (-351) (-)

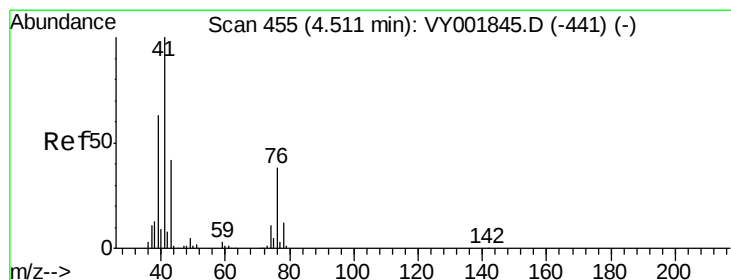
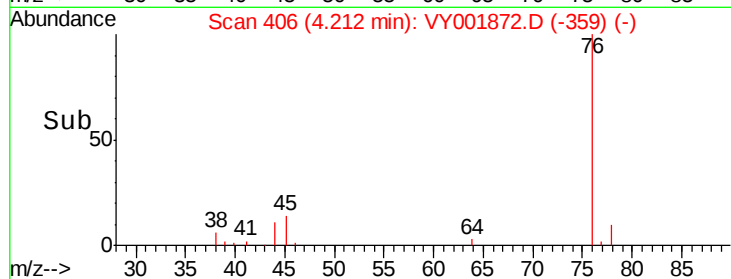
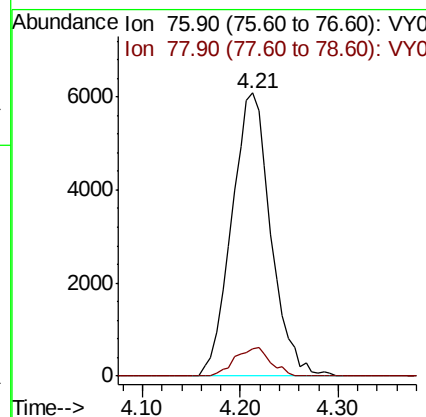
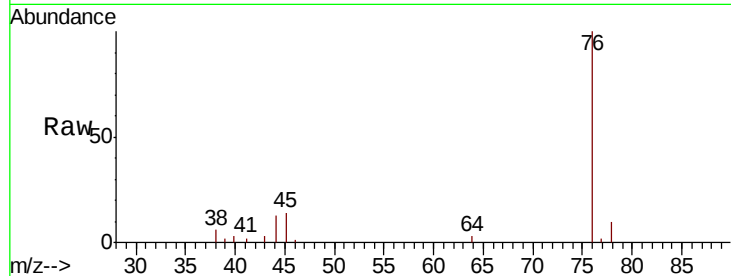




#17
Carbon Disulfide
Concen: 2.675 ug/l
RT: 4.21 min Scan# 406
Delta R.T. -0.01 min
Lab File: VY001872.D
Acq: 05 Mar 2020 11:38

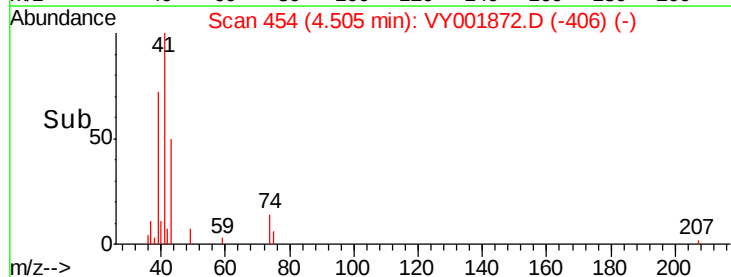
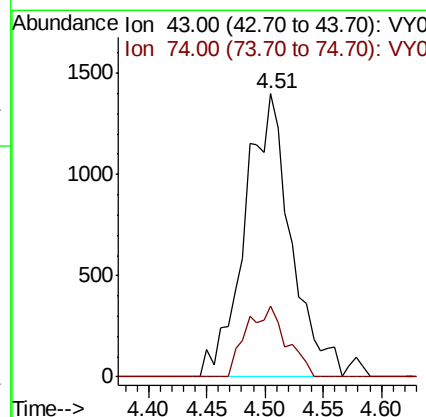
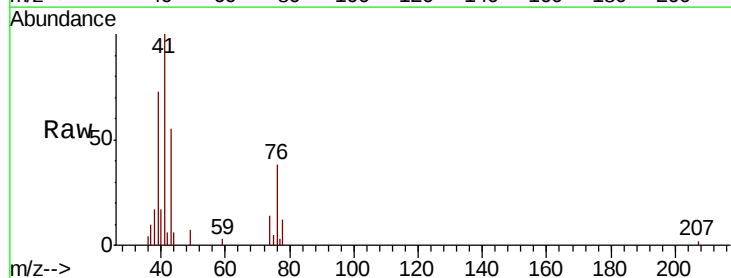
Instrument :
MSVOA_Y
ClientSampleId :

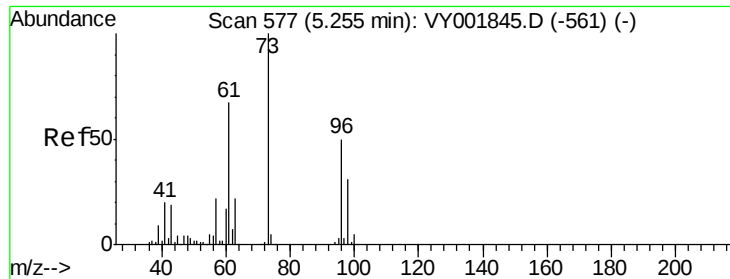
Tot Ion: 76 Resp: 16842
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.2



#18
Methyl Acetate
Concen: 2.875 ug/l
RT: 4.51 min Scan# 454
Delta R.T. -0.01 min
Lab File: VY001872.D
Acq: 05 Mar 2020 11:38

Tgt Ion: 43 Resp: 3869
Ion Ratio Lower Upper
43 100
74 21.6 19.0 28.6

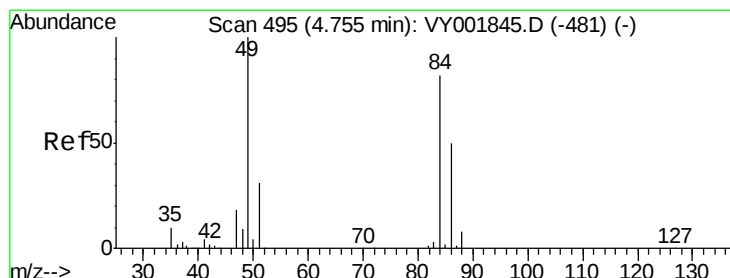
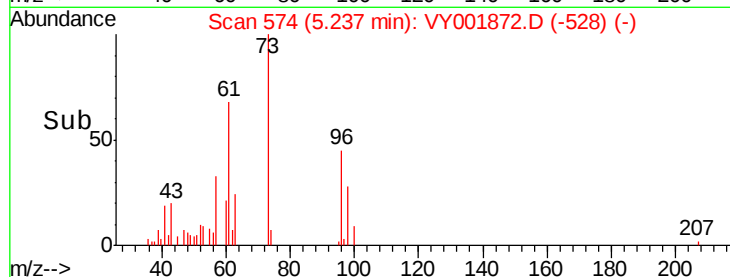
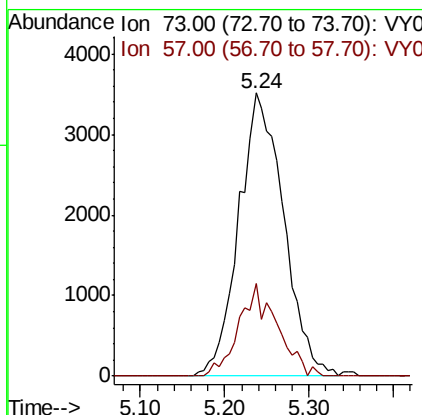
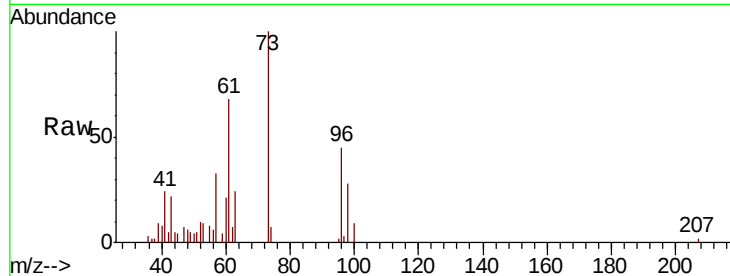




#19
Methyl tert-butyl Ether
Concen: 2.509 ug/l
RT: 5.24 min Scan# 574
Delta R.T. -0.02 min
Lab File: VY001872.D
Acq: 05 Mar 2020 11:38

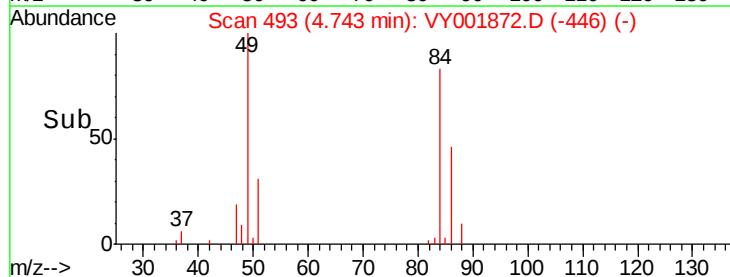
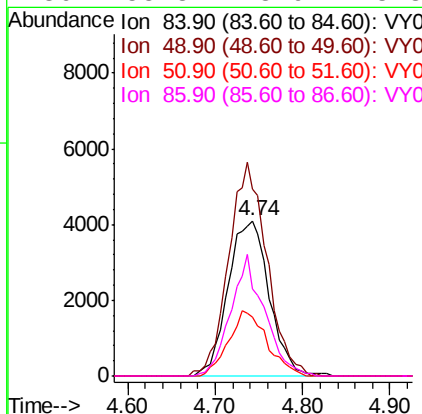
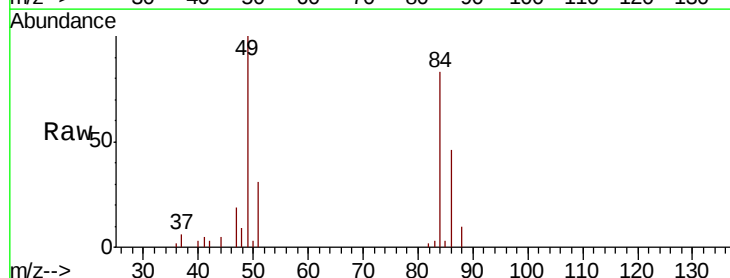
Instrument :
MSVOA_Y
ClientSampleId :

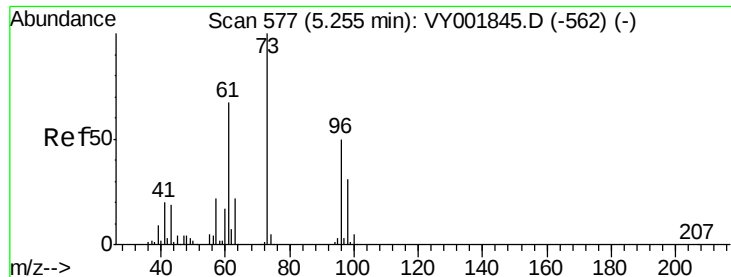
Tot Ion: 73 Resp: 12734
Ion Ratio Lower Upper
73 100
57 32.8 17.4 26.2#



#20
Methylene Chloride
Concen: 5.951 ug/l
RT: 4.74 min Scan# 493
Delta R.T. -0.01 min
Lab File: VY001872.D
Acq: 05 Mar 2020 11:38

Tgt Ion: 84 Resp: 13358
Ion Ratio Lower Upper
84 100
49 120.3 98.2 147.2
51 37.6 30.2 45.2
86 55.8 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 2.689 ug/l

RT: 5.24 min Scan# 575

Delta R.T. -0.01 min

Lab File: VY001872.D

Acq: 05 Mar 2020 11:38

Instrument :

MSVOA_Y

ClientSampleId :

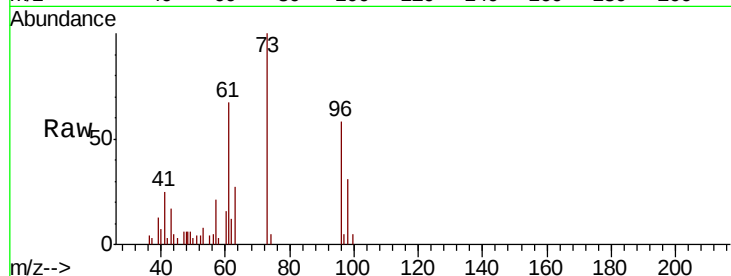
Tot Ion: 96 Resp: 5716

Ion Ratio Lower Upper

96 100

61 116.9 107.7 161.5

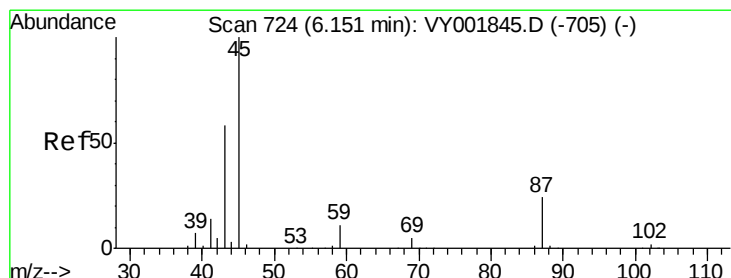
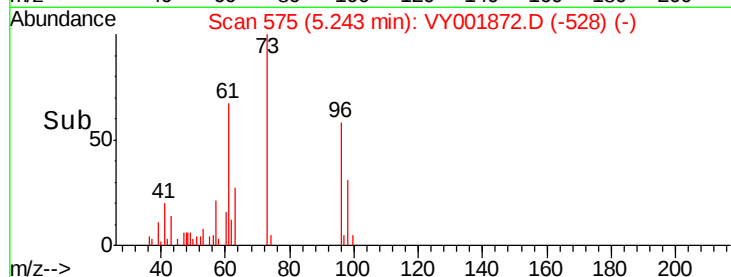
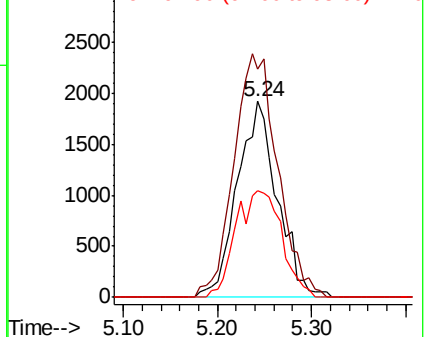
98 54.5 49.3 73.9



Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 2.605 ug/l

RT: 6.14 min Scan# 722

Delta R.T. -0.01 min

Lab File: VY001872.D

Acq: 05 Mar 2020 11:38

Tgt Ion: 45 Resp: 17729

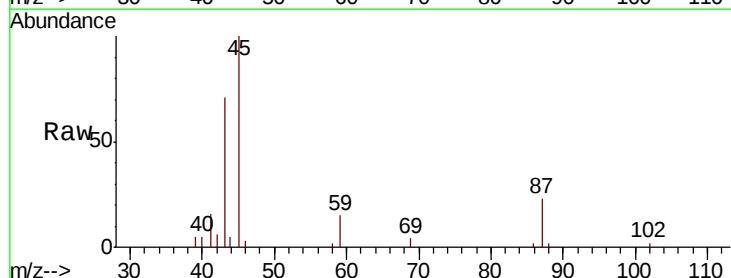
Ion Ratio Lower Upper

45 100

43 71.4 47.2 70.8#

87 23.5 19.8 29.8

59 14.8 8.8 13.2#

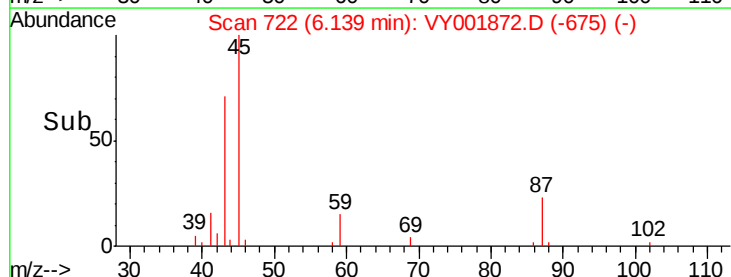
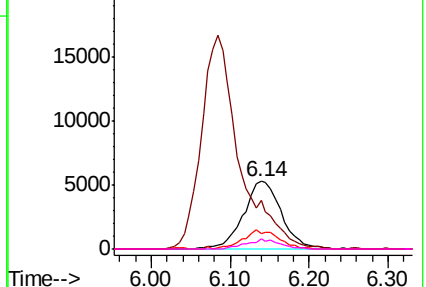


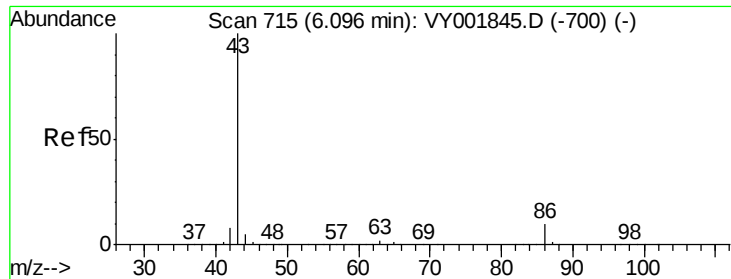
Abundance Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 12.619 ug/l

RT: 6.08 min Scan# 713

Delta R.T. -0.01 min

Lab File: VY001872.D

Acq: 05 Mar 2020 11:38

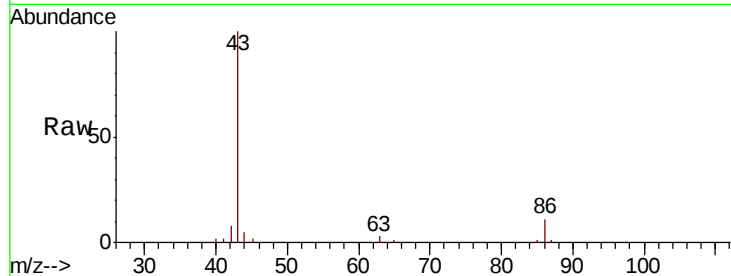
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 56302

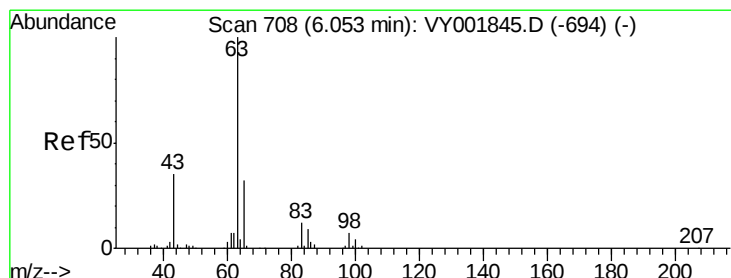
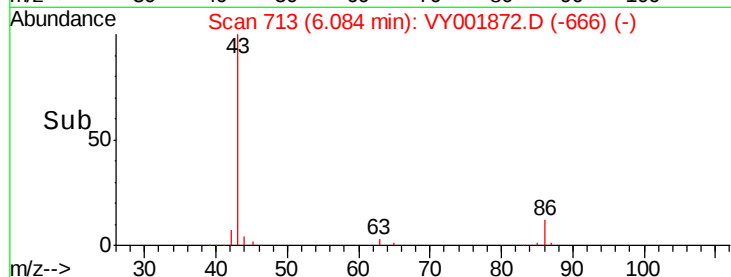
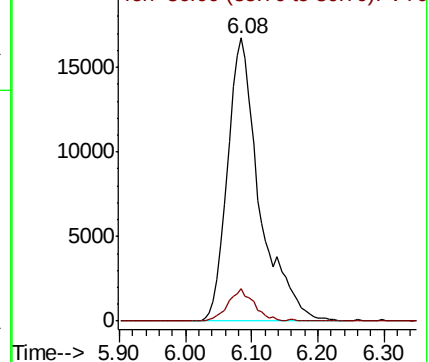
Ion Ratio Lower Upper

43 100

86 11.4 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 2.715 ug/l

RT: 6.04 min Scan# 706

Delta R.T. -0.01 min

Lab File: VY001872.D

Acq: 05 Mar 2020 11:38

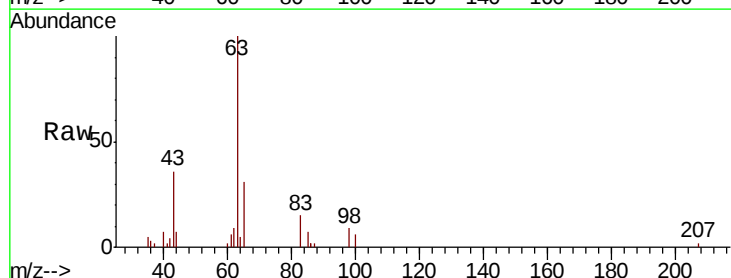
Tgt Ion: 63 Resp: 10007

Ion Ratio Lower Upper

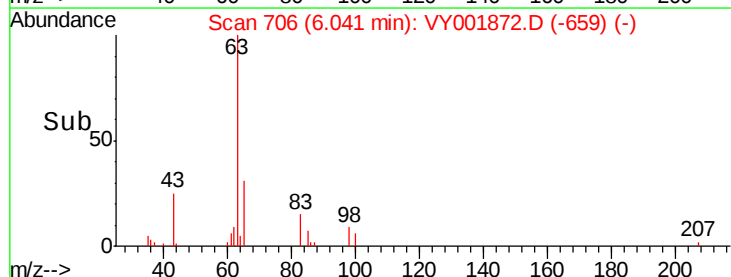
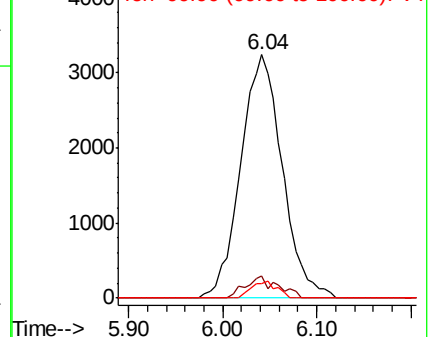
63 100

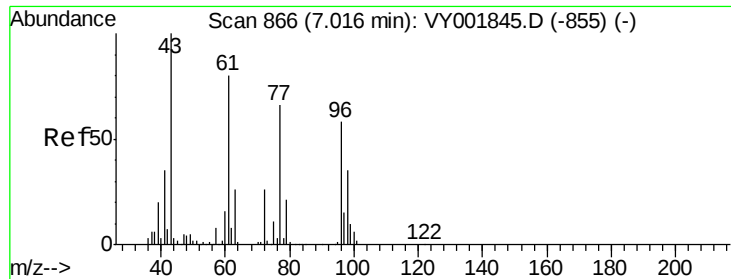
98 9.2 3.4 10.2

100 5.7 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VY0
Ion 97.90 (97.60 to 98.60): VY0
Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 12.385 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.01 min

Lab File: VY001872.D

Acq: 05 Mar 2020 11:38

Instrument :

MSVOA_Y

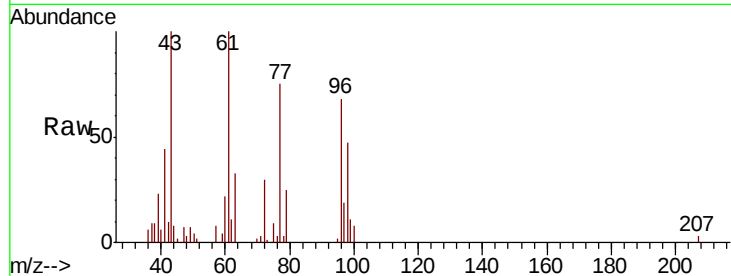
ClientSampleId :

Tot Ion: 43 Resp: 9865

Ion Ratio Lower Upper

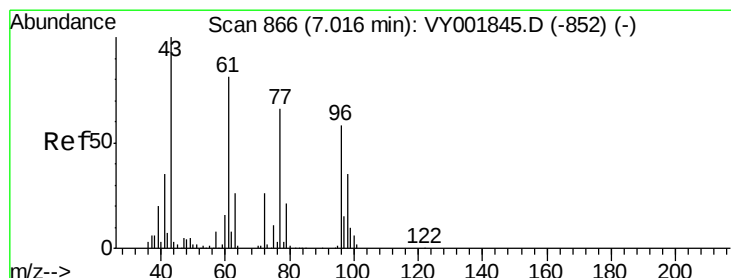
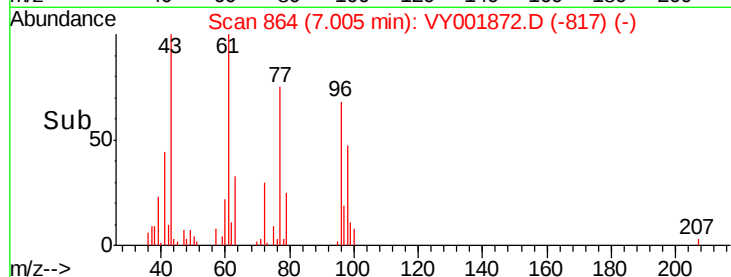
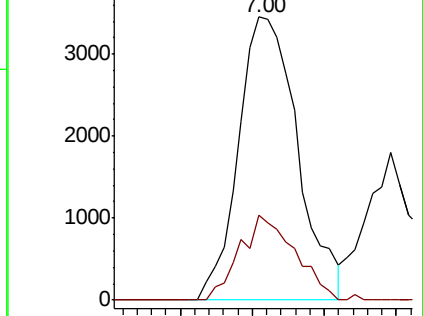
43 100

72 30.0 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 2.579 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.01 min

Lab File: VY001872.D

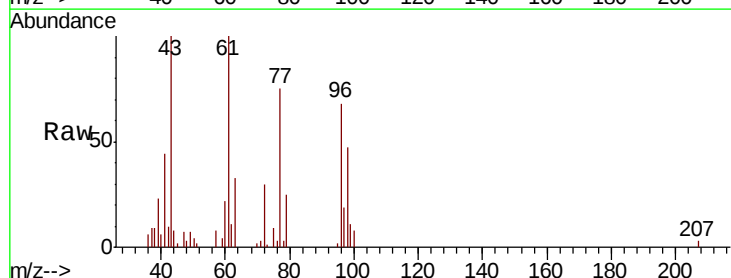
Acq: 05 Mar 2020 11:38

Tgt Ion: 77 Resp: 7801

Ion Ratio Lower Upper

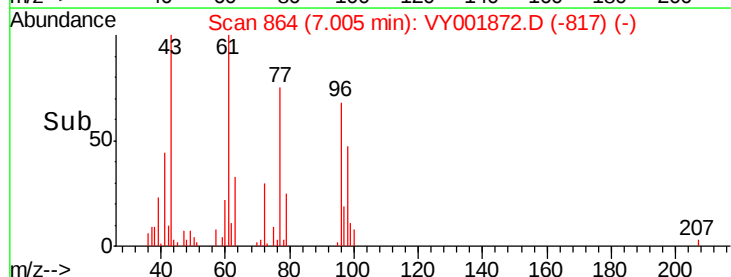
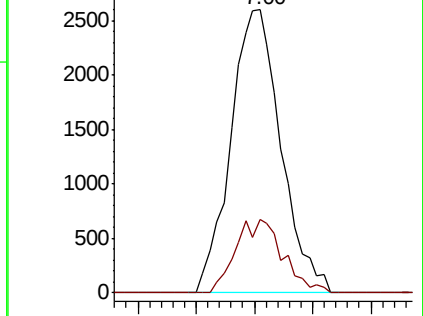
77 100

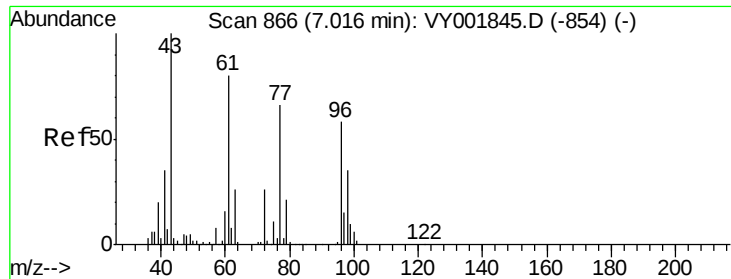
97 24.4 11.9 35.7



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



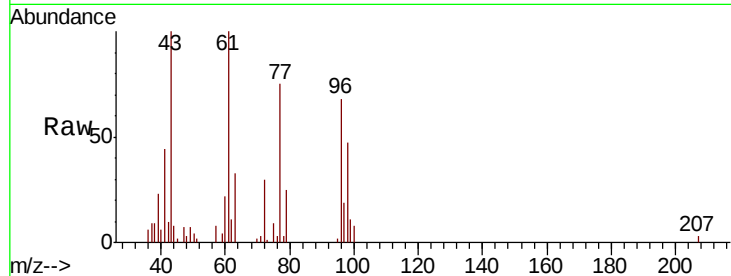


#27

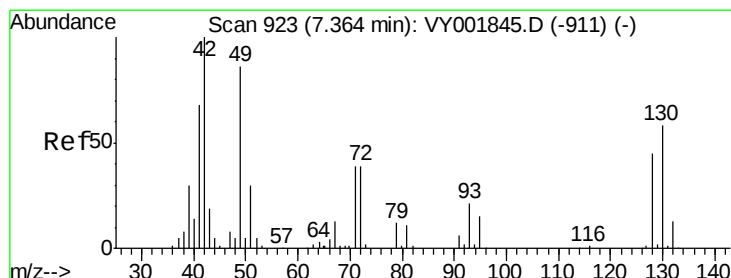
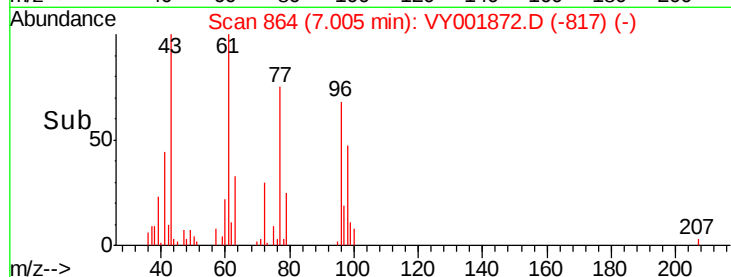
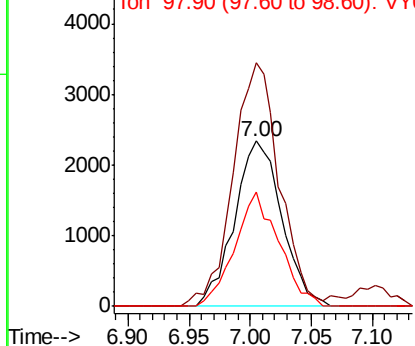
cis-1,2-Dichloroethene
Concen: 2.729 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.01 min
Lab File: VY001872.D
Acq: 05 Mar 2020 11:38

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 96 Resp: 6310
Ion Ratio Lower Upper
96 100
61 143.7 0.0 288.2
98 64.0 0.0 129.0



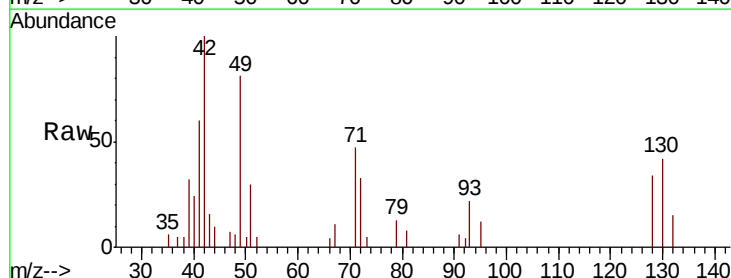
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



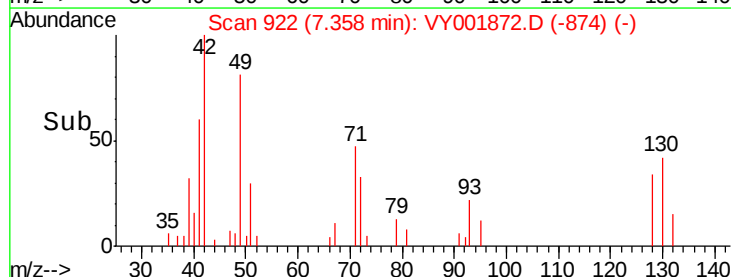
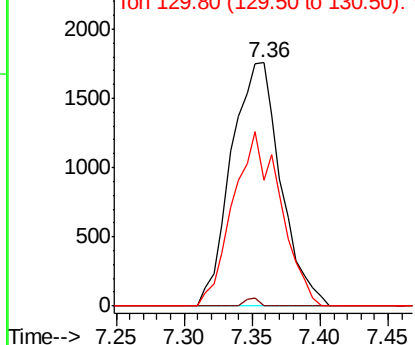
#28

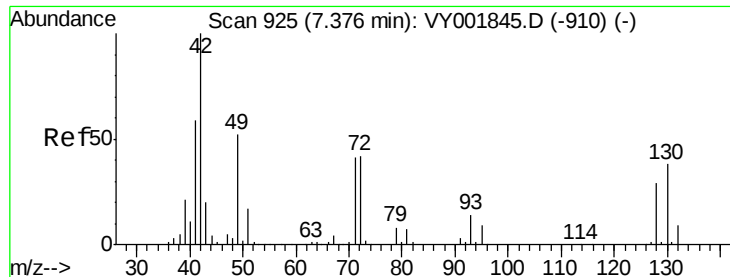
Bromochloromethane
Concen: 2.678 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY001872.D
Acq: 05 Mar 2020 11:38

Tgt Ion: 49 Resp: 4449
Ion Ratio Lower Upper
49 100
129 0.9 0.0 3.8
130 69.0 54.4 81.6



Abundance Ion 48.90 (48.60 to 49.60): VY0
Ion 128.80 (128.50 to 129.50): VY0
Ion 129.80 (129.50 to 130.50): VY0

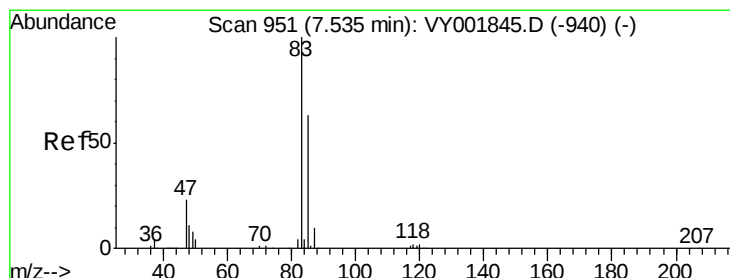
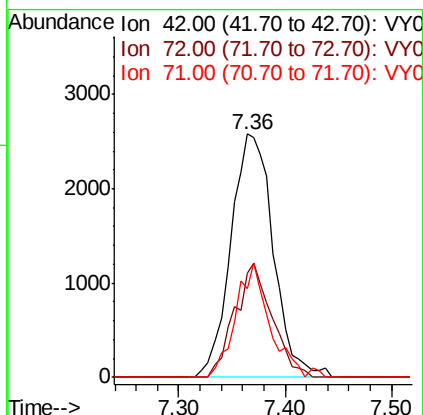
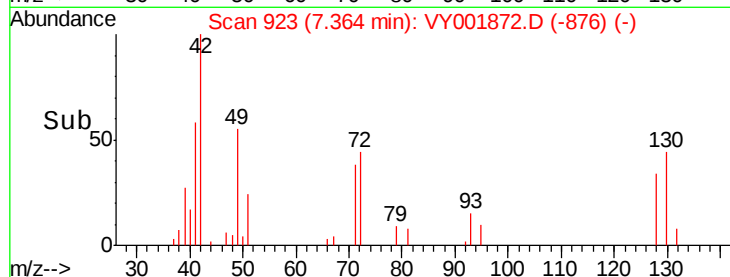
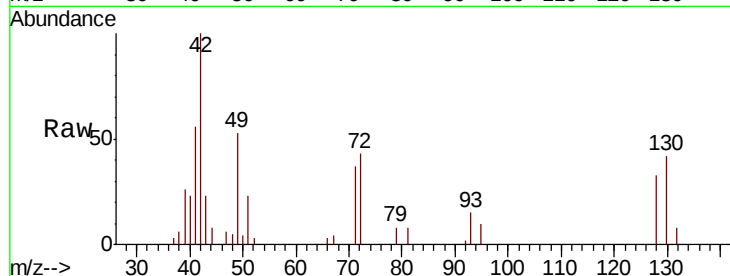




#29
Tetrahydrofuran
Concen: 13.610 ug/l
RT: 7.36 min Scan# 923
Delta R.T. -0.01 min
Lab File: VY001872.D
Acq: 05 Mar 2020 11:38

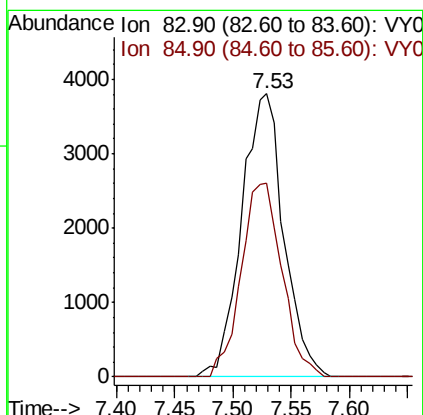
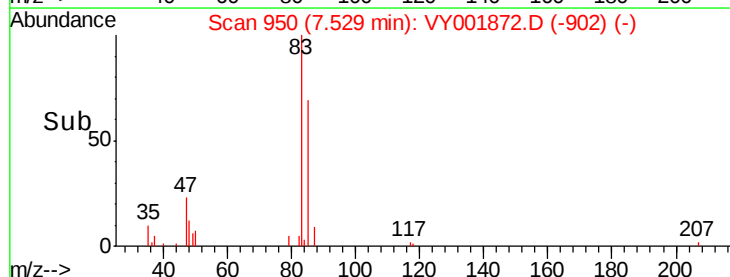
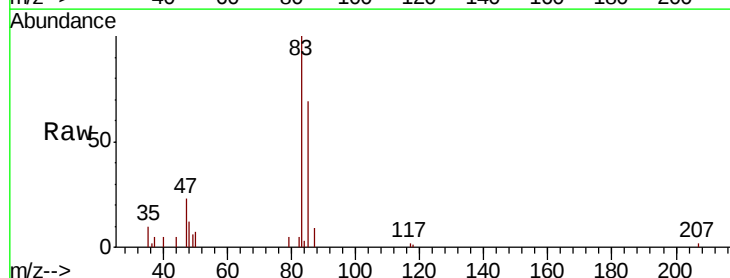
Instrument :
MSVOA_Y
ClientSampled :

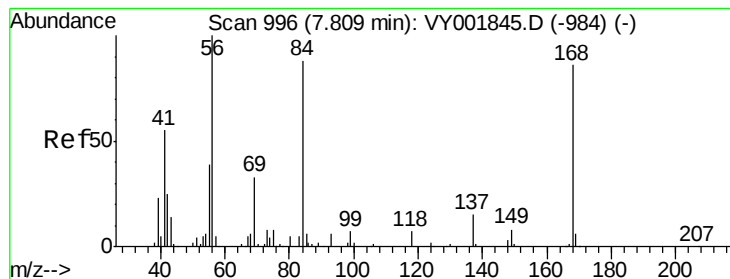
Tot Ion: 42 Resp: 7199
Ion Ratio Lower Upper
42 100
72 41.1 33.5 50.3
71 37.4 31.3 46.9



#30
Chloroform
Concen: 2.770 ug/l
RT: 7.53 min Scan# 950
Delta R.T. -0.01 min
Lab File: VY001872.D
Acq: 05 Mar 2020 11:38

Tgt Ion: 83 Resp: 9593
Ion Ratio Lower Upper
83 100
85 68.6 50.7 76.1





#31

Cyclohexane

Concen: 3.360 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY001872.D

Acq: 05 Mar 2020 11:38

Instrument :
MSVOA_Y
ClientSampled :

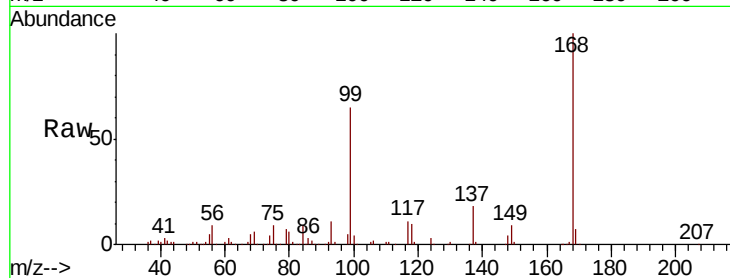
Tot Ion: 56 Resp: 13276

Ion Ratio Lower Upper

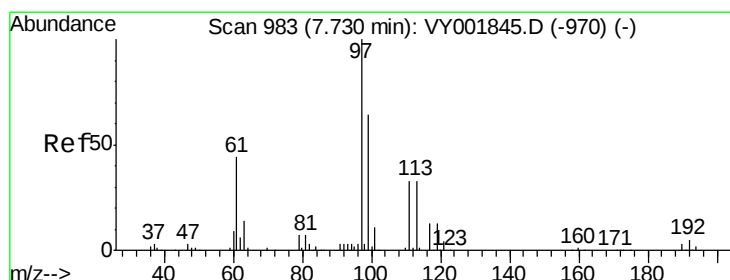
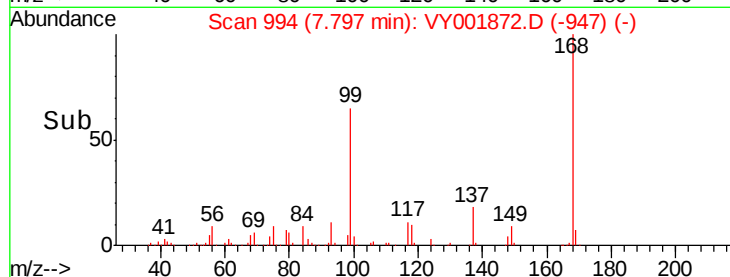
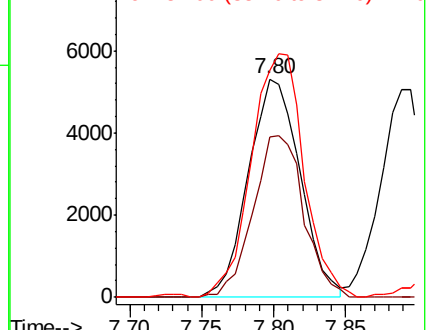
56 100

69 73.3 26.7 40.1#

84 104.0 70.4 105.6



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 2.653 ug/l

RT: 7.72 min Scan# 981

Delta R.T. -0.01 min

Lab File: VY001872.D

Acq: 05 Mar 2020 11:38

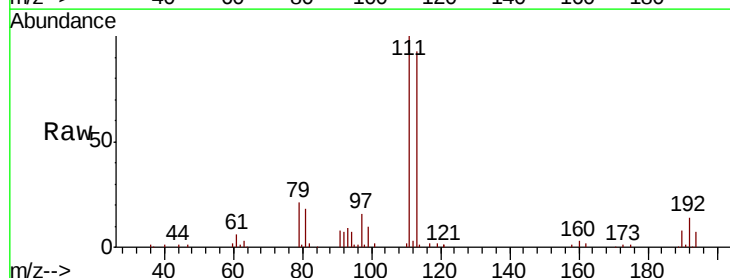
Tgt Ion: 97 Resp: 7744

Ion Ratio Lower Upper

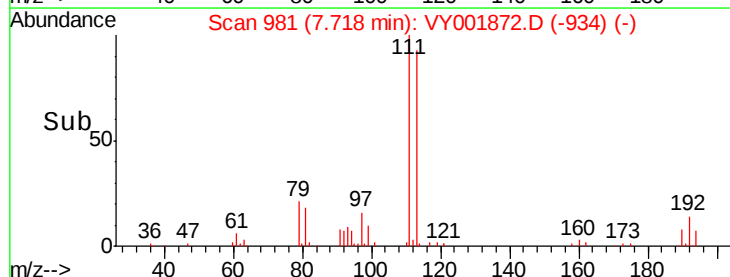
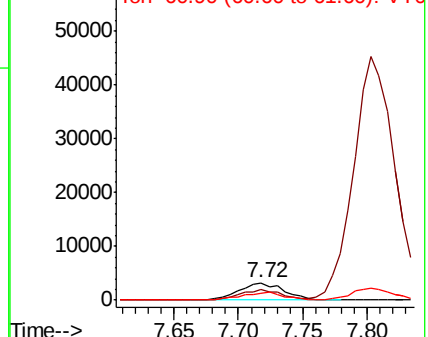
97 100

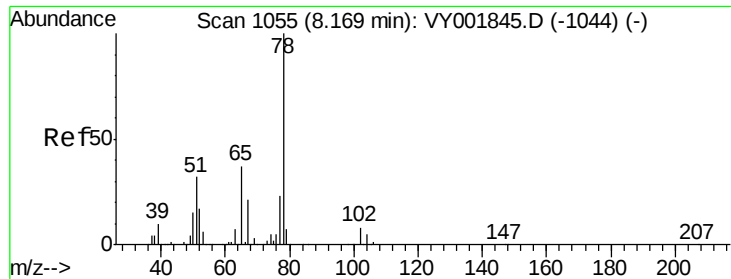
99 59.2 52.0 78.0

61 43.1 35.0 52.4



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0

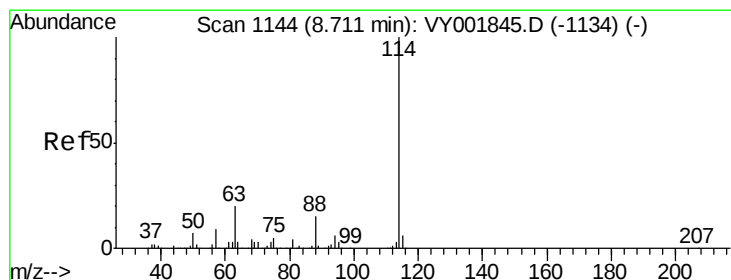
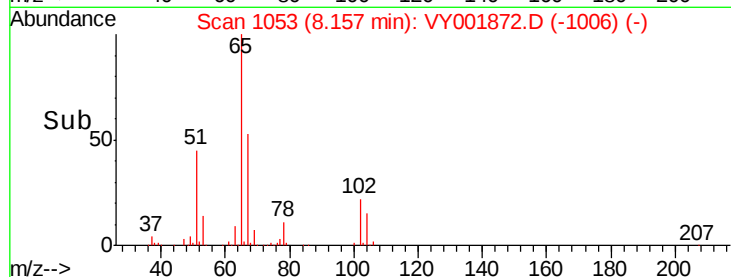
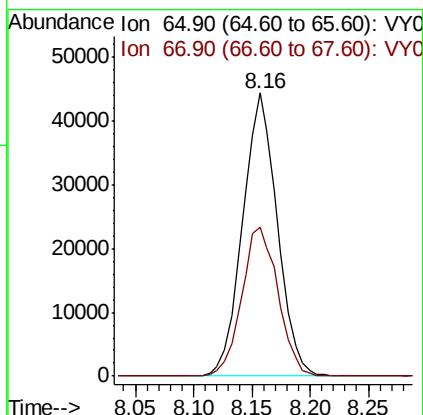
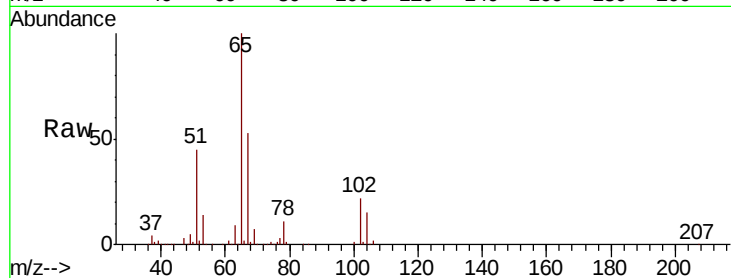




#33
 1,2-Dichloroethane-d4
 Concen: 51.122 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY001872.D
 Acq: 05 Mar 2020 11:38

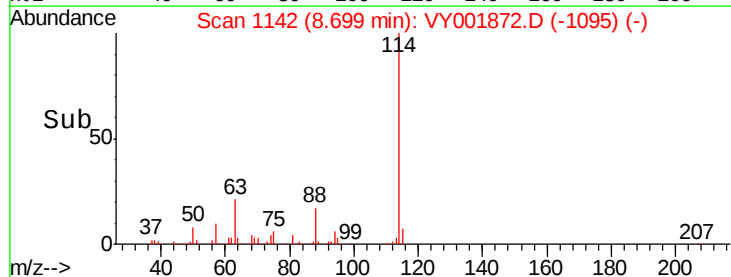
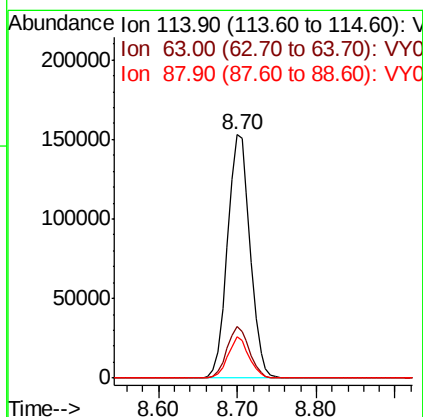
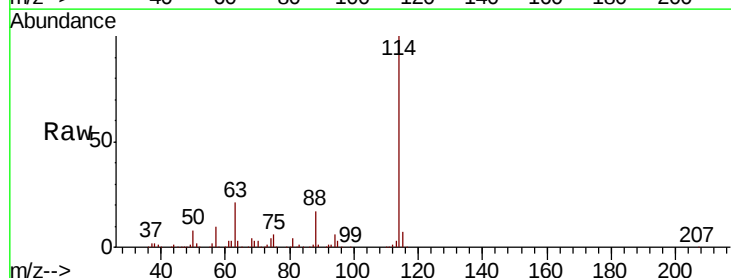
Instrument :
 MSVOA_Y
 ClientSampleId :

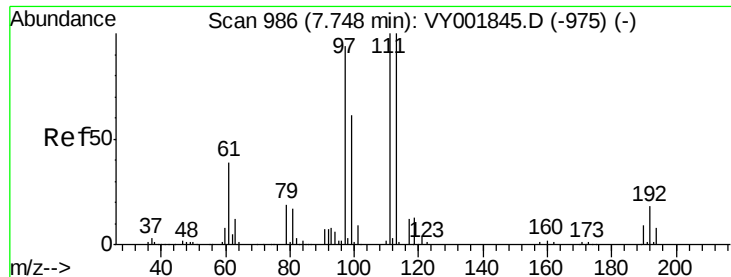
Tot Ion: 65 Resp: 91934
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY001872.D
 Acq: 05 Mar 2020 11:38

Tgt Ion: 114 Resp: 303637
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 39.4
 88 16.8 0.0 30.4

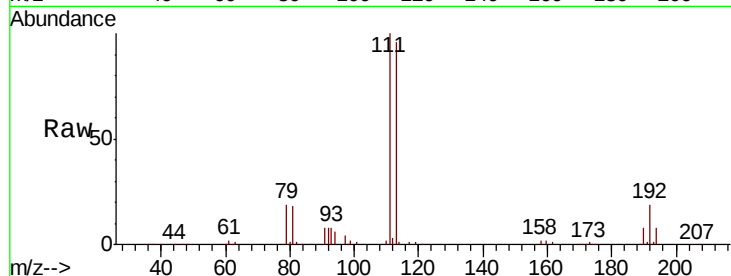




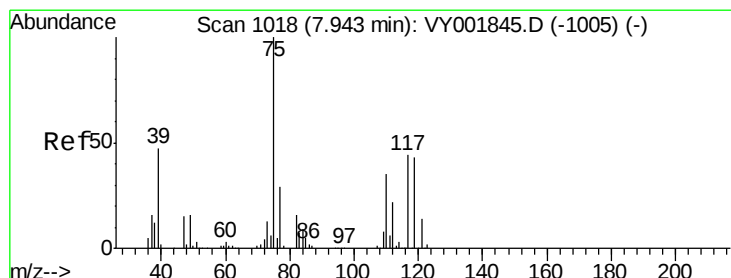
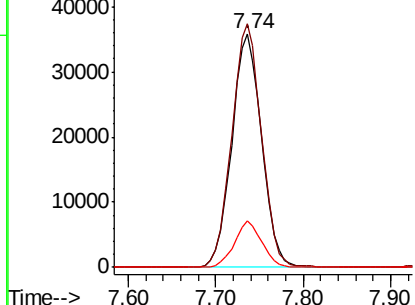
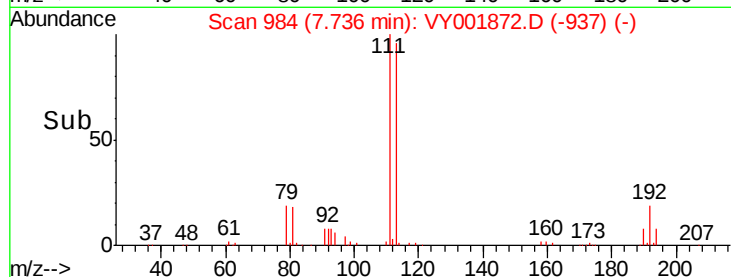
#35
 Dibromofluoromethane
 Concen: 51.164 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: VY001872.D
 Acq: 05 Mar 2020 11:38

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:113 Resp: 84830
 Ion Ratio Lower Upper
 113 100
 111 103.9 81.8 122.8
 192 18.3 14.2 21.2

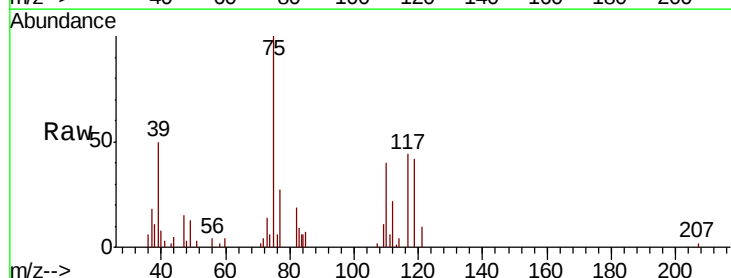


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

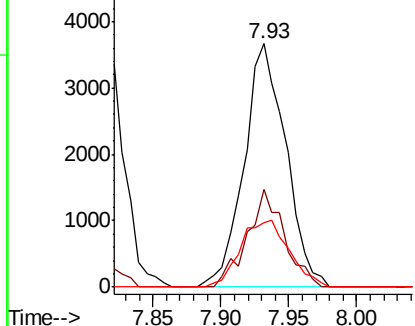
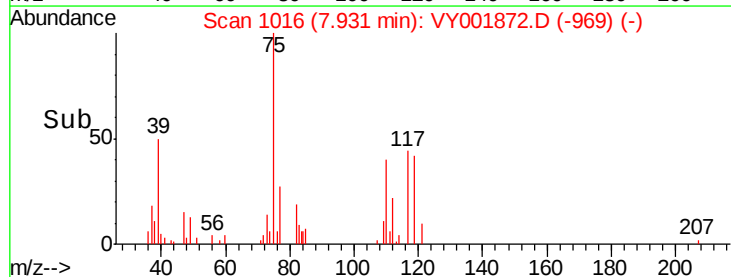


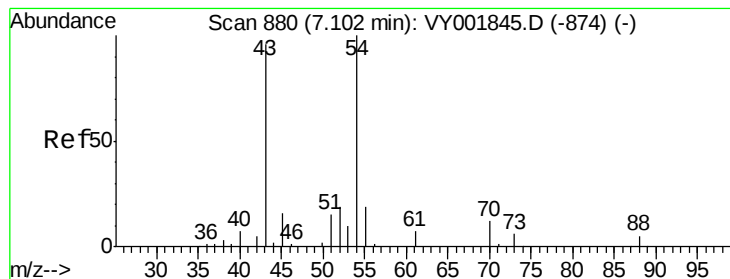
#36
 1,1-Dichloropropene
 Concen: 2.700 ug/l
 RT: 7.93 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: VY001872.D
 Acq: 05 Mar 2020 11:38

Tgt Ion: 75 Resp: 7890
 Ion Ratio Lower Upper
 75 100
 110 35.6 17.4 52.2
 77 32.0 24.2 36.2



Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VY0





#37

Ethyl Acetate

Concen: 2.626 ug/l

RT: 7.10 min Scan# 879

Delta R.T. -0.01 min

Lab File: VY001872.D

Acq: 05 Mar 2020 11:38

Instrument :

MSVOA_Y

ClientSampled :

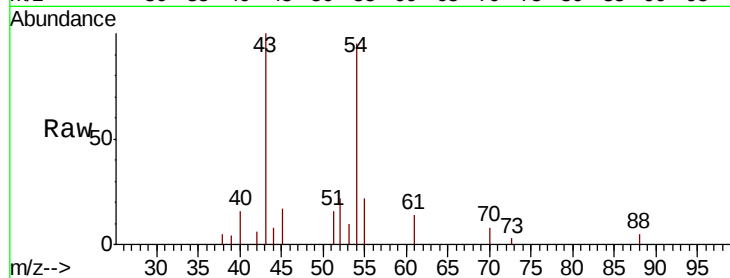
Tot Ion: 43 Resp: 4460

Ion Ratio Lower Upper

43 100

61 13.5 11.1 16.7

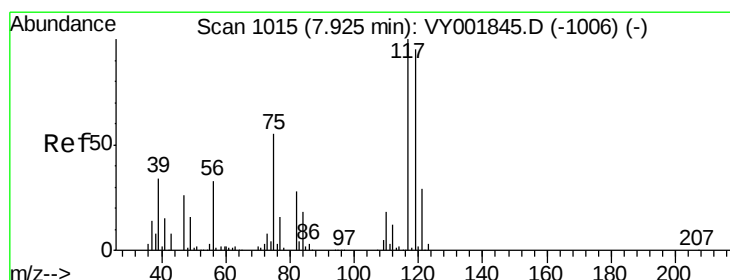
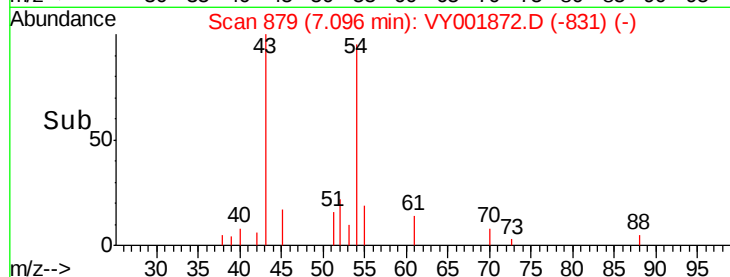
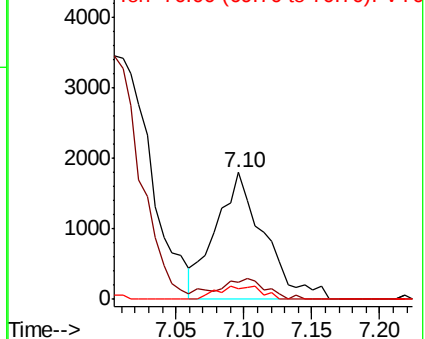
70 9.4 8.2 12.4



Abundance Ion 43.00 (42.70 to 43.70): VY001845.D (-874) (-)

Ion 60.90 (60.60 to 61.60): VY001845.D (-874) (-)

Ion 70.00 (69.70 to 70.70): VY001845.D (-874) (-)



#38

Carbon Tetrachloride

Concen: 2.685 ug/l

RT: 7.92 min Scan# 1014

Delta R.T. -0.01 min

Lab File: VY001872.D

Acq: 05 Mar 2020 11:38

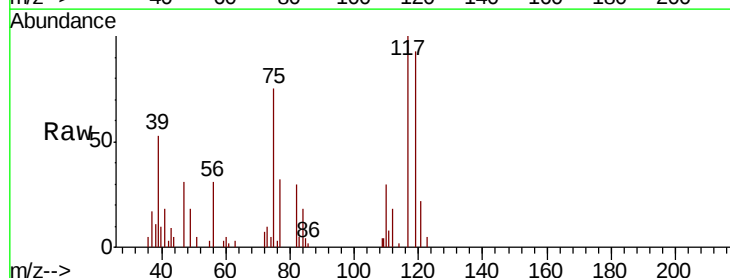
Tgt Ion: 117 Resp: 6701

Ion Ratio Lower Upper

117 100

119 93.0 76.3 114.5

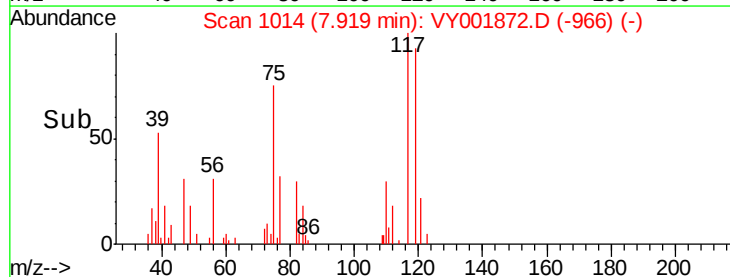
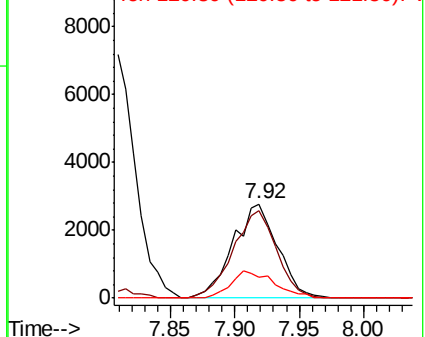
121 21.7 23.5 35.3#

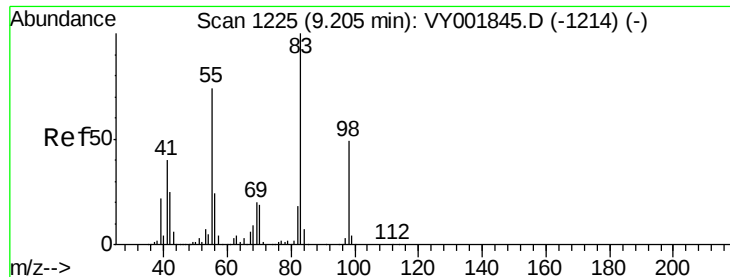


Abundance Ion 116.80 (116.50 to 117.50): VY001845.D (-1006) (-)

Ion 118.80 (118.50 to 119.50): VY001845.D (-1006) (-)

Ion 120.80 (120.50 to 121.50): VY001845.D (-1006) (-)

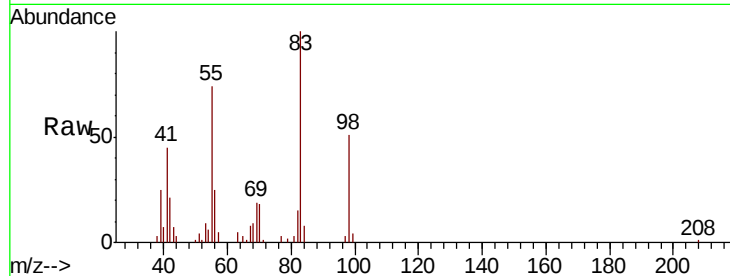




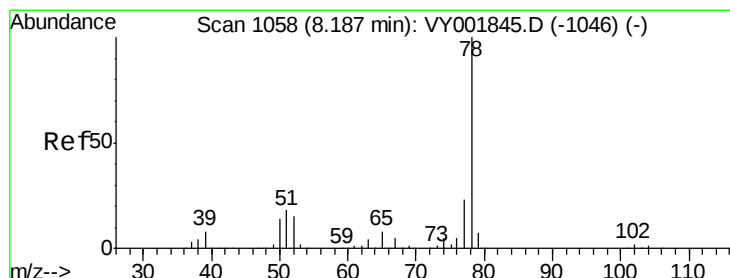
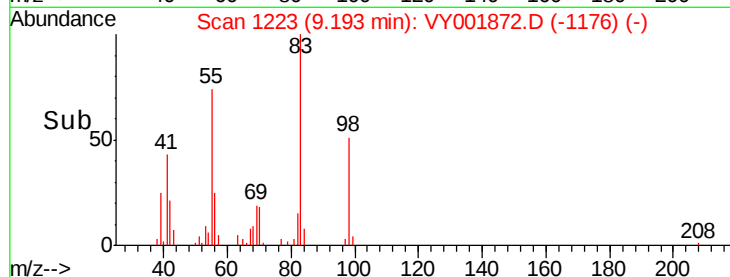
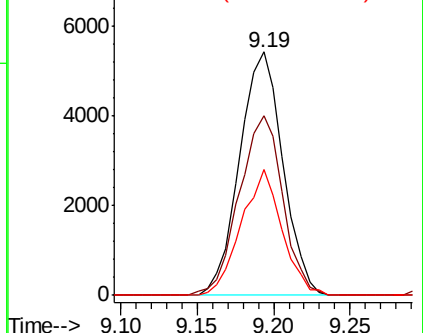
#39
Methylcyclohexane
Concen: 2.752 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VY001872.D
Acq: 05 Mar 2020 11:38

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 83 Resp: 10664
Ion Ratio Lower Upper
83 100
55 73.9 59.4 89.0
98 51.5 38.9 58.3

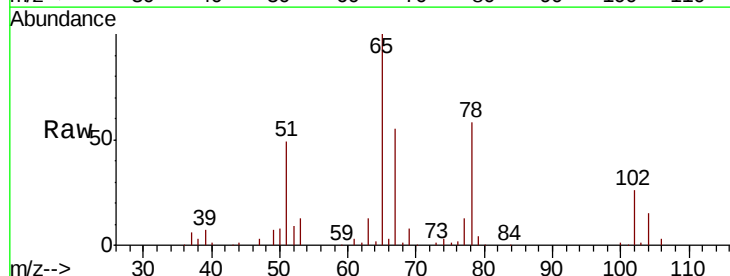


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

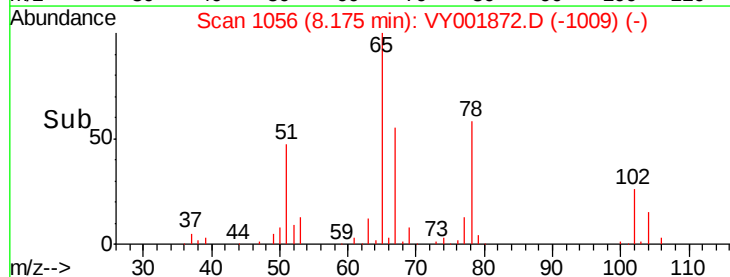
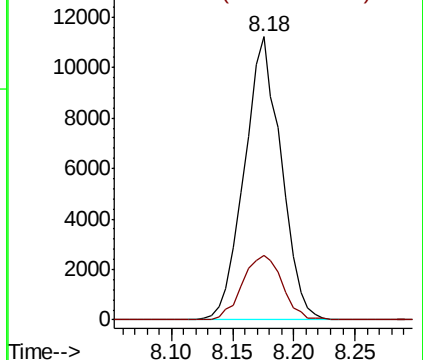


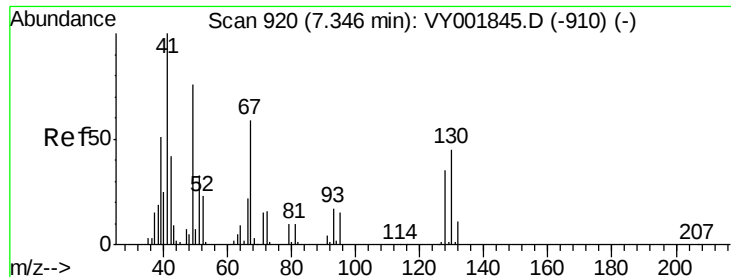
#40
Benzene
Concen: 2.717 ug/l
RT: 8.18 min Scan# 1056
Delta R.T. -0.01 min
Lab File: VY001872.D
Acq: 05 Mar 2020 11:38

Tgt Ion: 78 Resp: 23530
Ion Ratio Lower Upper
78 100
77 22.9 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VY0
Ion 77.00 (76.70 to 77.70): VY0

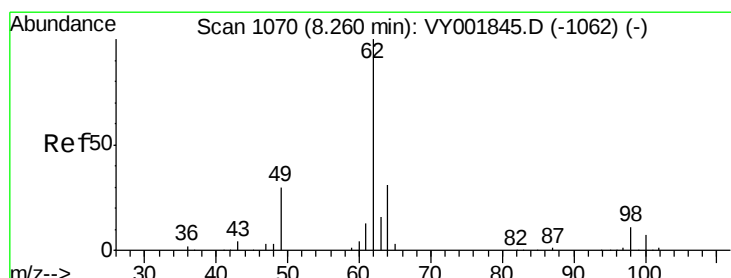
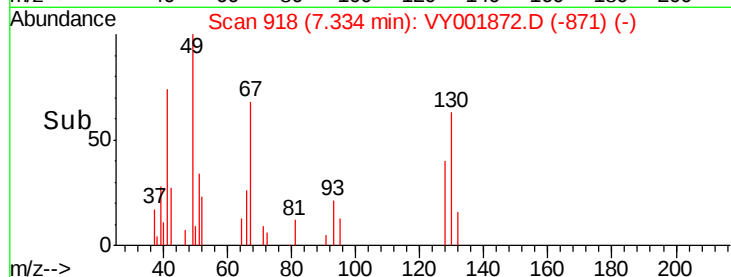
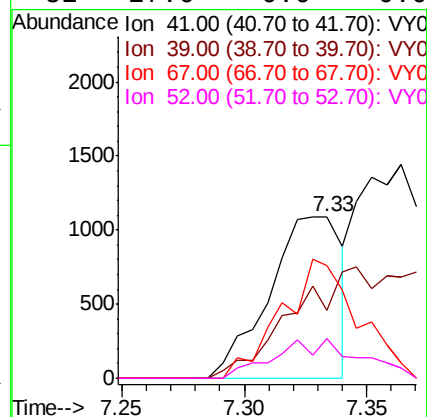
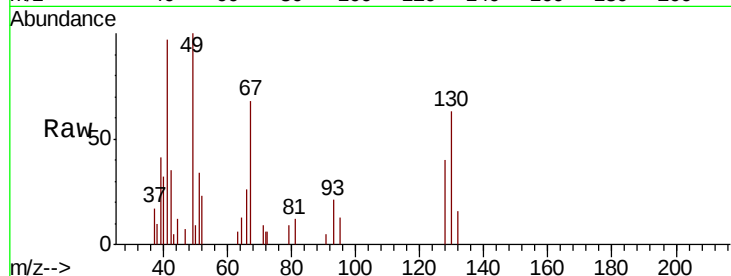




#41
Methacrylonitrile
Concen: 2.958 ug/l
RT: 7.33 min Scan# 918
Delta R.T. -0.01 min
Lab File: VY001872.D
Acq: 05 Mar 2020 11:38

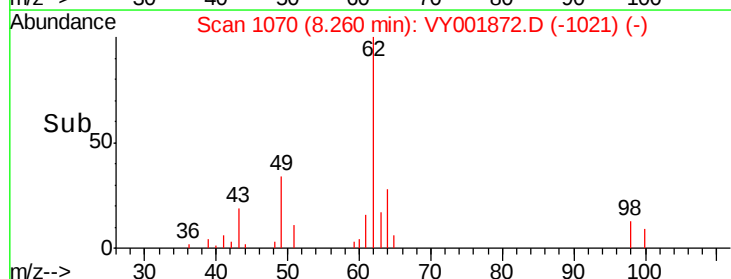
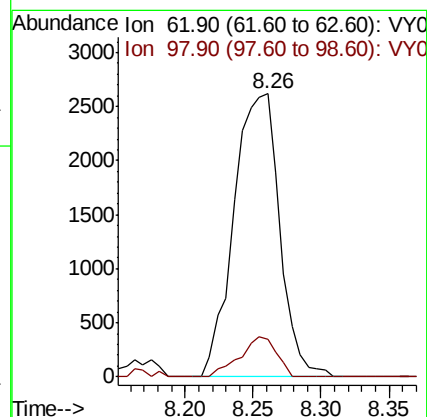
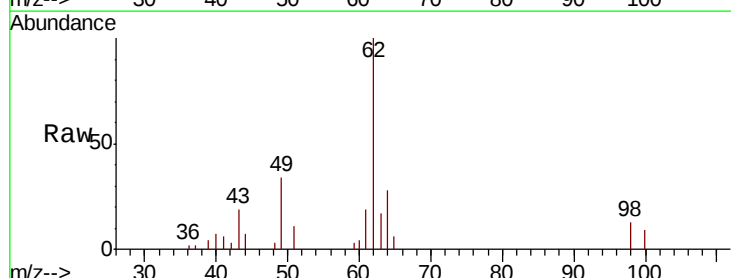
Instrument :
MSVOA_Y
ClientSampled :

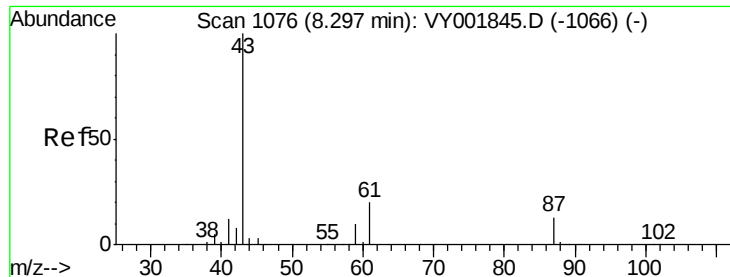
Tot Ion: 41 Resp: 2261
Ion Ratio Lower Upper
41 100
39 0.0 111.7 167.5#
67 76.9 0.0 0.0#
52 27.6 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 2.761 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VY001872.D
Acq: 05 Mar 2020 11:38

Tgt Ion: 62 Resp: 6162
Ion Ratio Lower Upper
62 100
98 11.3 0.0 21.4

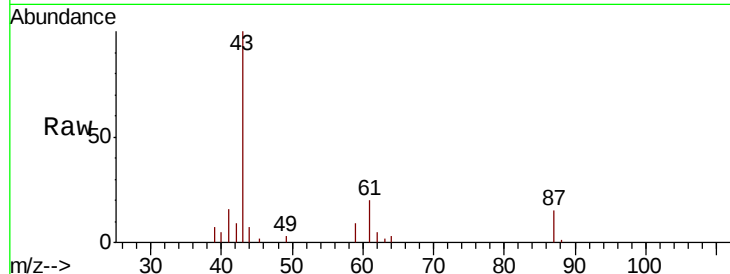




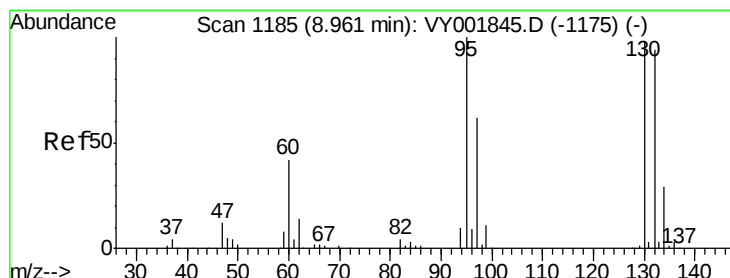
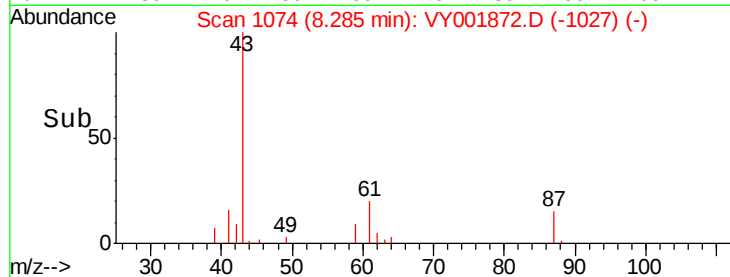
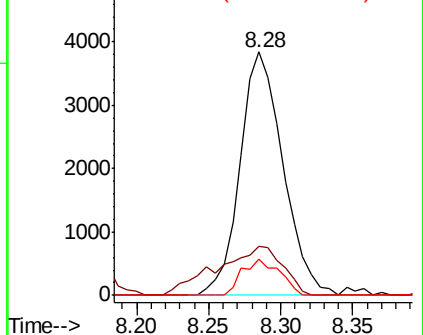
#43
Isopropyl Acetate
Concen: 2.470 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. -0.01 min
Lab File: VY001872.D
Acq: 05 Mar 2020 11:38

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 7943
Ion Ratio Lower Upper
43 100
61 31.0 23.8 35.6
87 12.9 10.9 16.3

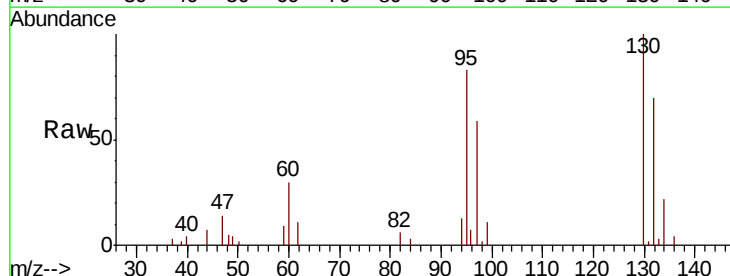


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

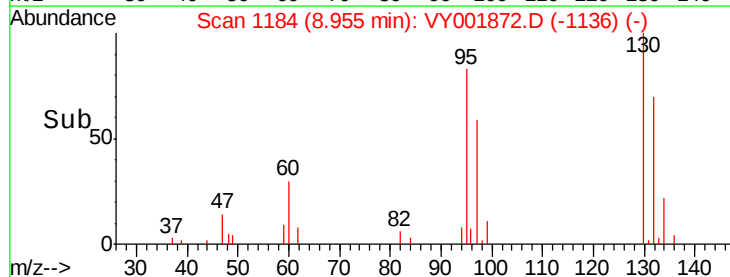
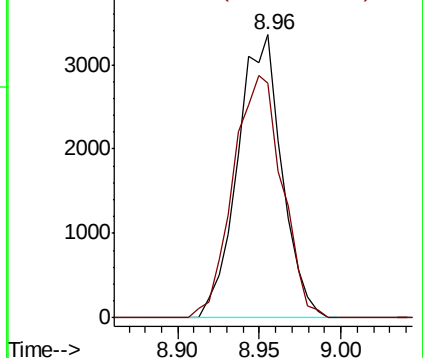


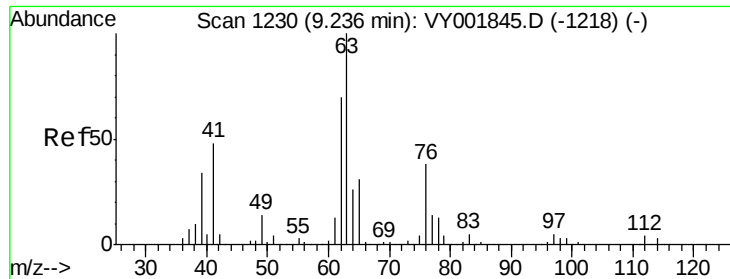
#44
Trichloroethene
Concen: 3.000 ug/l
RT: 8.96 min Scan# 1184
Delta R.T. -0.01 min
Lab File: VY001872.D
Acq: 05 Mar 2020 11:38

Tgt Ion:130 Resp: 6327
Ion Ratio Lower Upper
130 100
95 82.8 0.0 204.6



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VY0

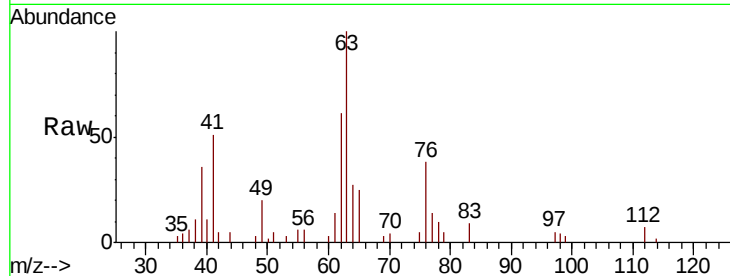




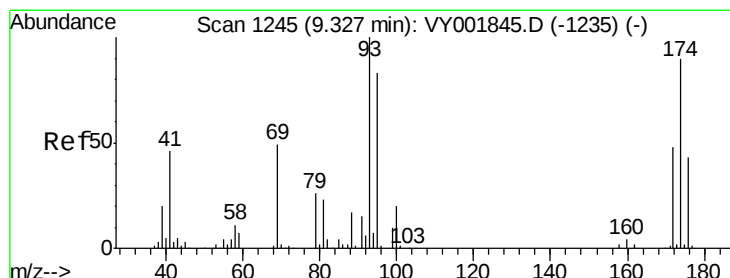
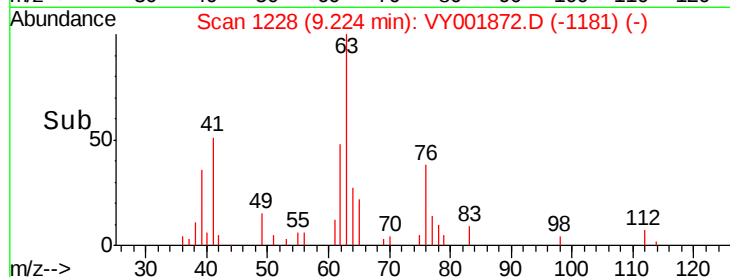
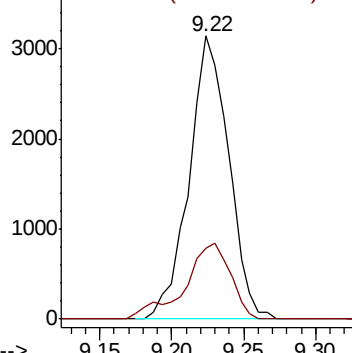
#45
1,2-Dichloropropane
Concen: 2.741 ug/l
RT: 9.22 min Scan# 1228
Delta R.T. -0.01 min
Lab File: VY001872.D
Acq: 05 Mar 2020 11:38

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 63 Resp: 5967
Ion Ratio Lower Upper
63 100
65 25.1 24.9 37.3

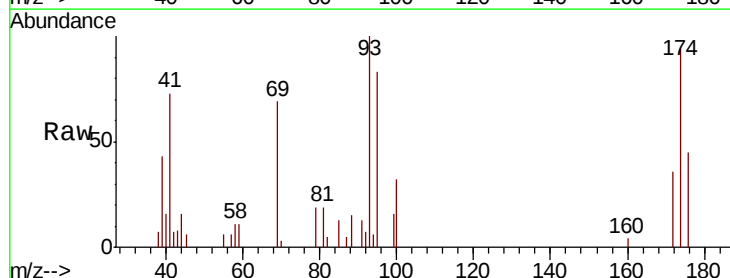


Abundance Ion 62.90 (62.60 to 63.60): VY0
Ion 64.90 (64.60 to 65.60): VY0

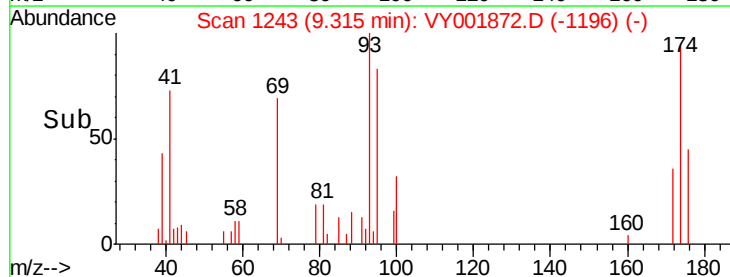
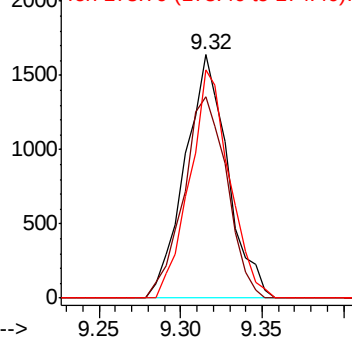


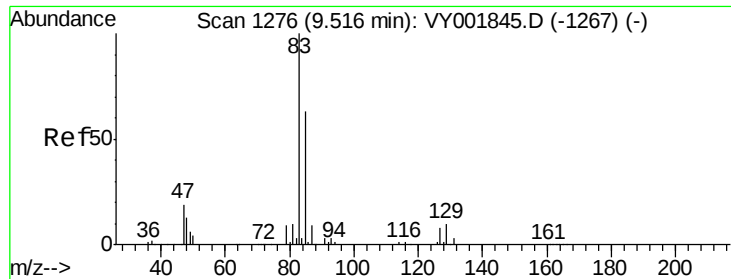
#46
Dibromomethane
Concen: 2.663 ug/l
RT: 9.32 min Scan# 1243
Delta R.T. -0.01 min
Lab File: VY001872.D
Acq: 05 Mar 2020 11:38

Tgt Ion: 93 Resp: 2988
Ion Ratio Lower Upper
93 100
95 83.7 67.0 100.4
174 87.6 71.8 107.8



Abundance Ion 92.80 (92.50 to 93.50): VY0
Ion 94.80 (94.50 to 95.50): VY0
Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 2.571 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY001872.D

Acq: 05 Mar 2020 11:38

Instrument :

MSVOA_Y

ClientSampleId :

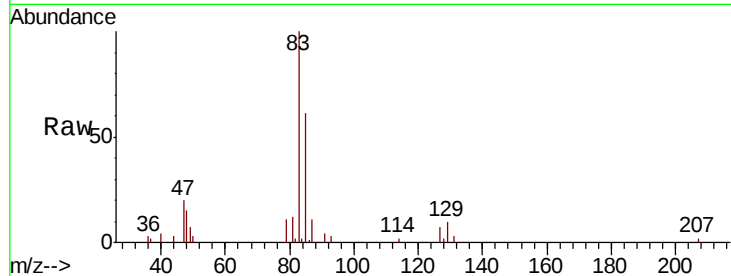
Tot Ion: 83 Resp: 6710

Ion Ratio Lower Upper

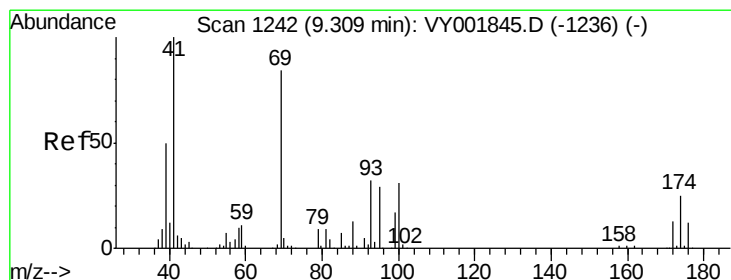
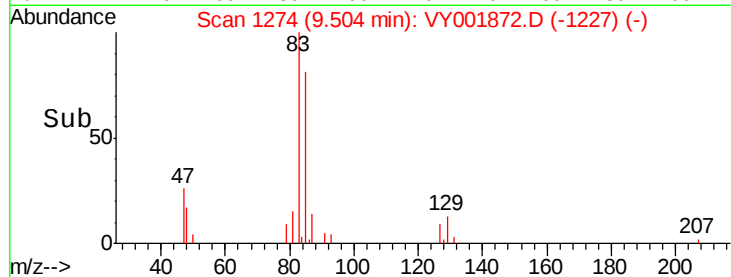
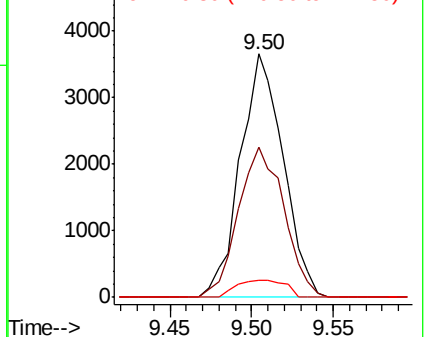
83 100

85 61.4 50.6 76.0

127 7.2 6.2 9.4



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): VY0



#48

Methyl methacrylate

Concen: 2.748 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY001872.D

Acq: 05 Mar 2020 11:38

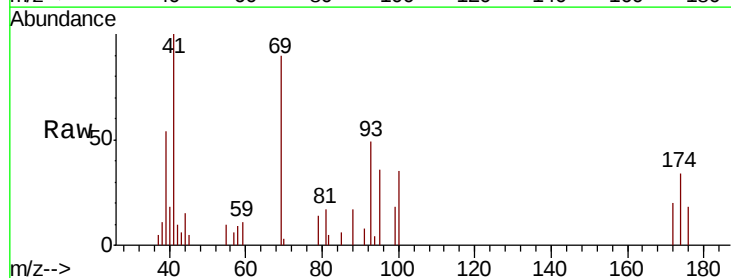
Tgt Ion: 41 Resp: 3920

Ion Ratio Lower Upper

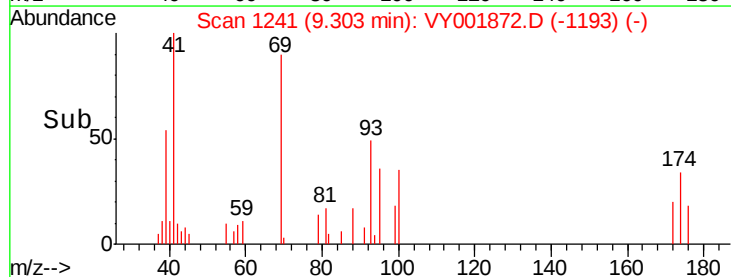
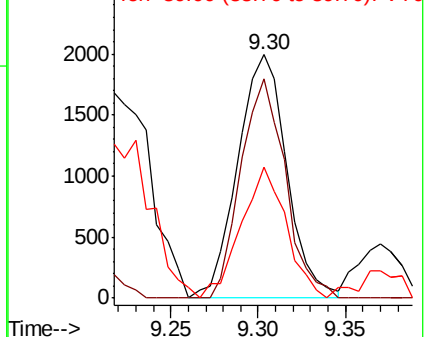
41 100

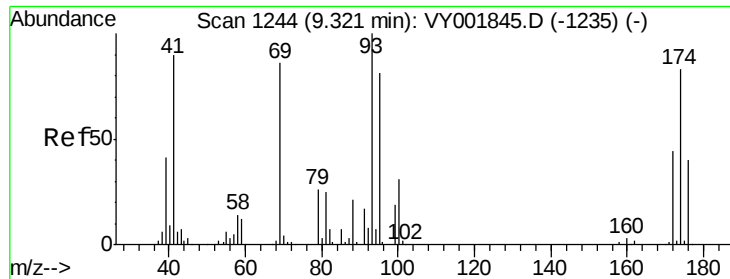
69 81.8 69.0 103.6

39 49.4 39.1 58.7



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0

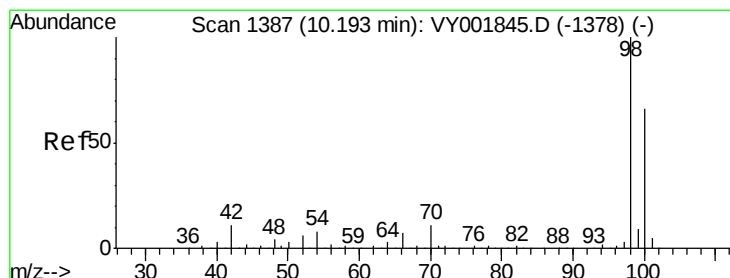
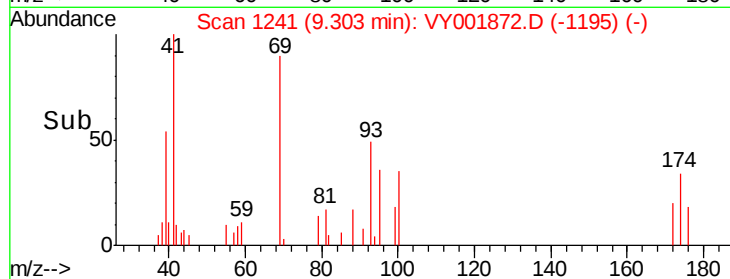
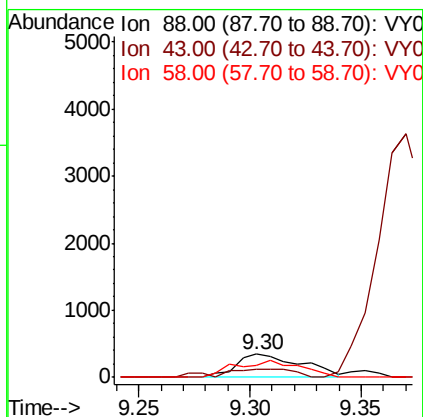
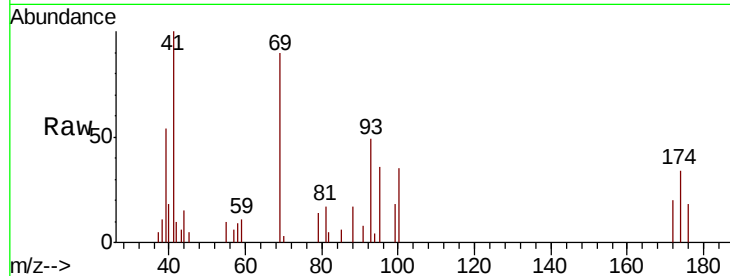




#49
 1,4-Dioxane
 Concen: 45.925 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. -0.02 min
 Lab File: VY001872.D
 Acq: 05 Mar 2020 11:38

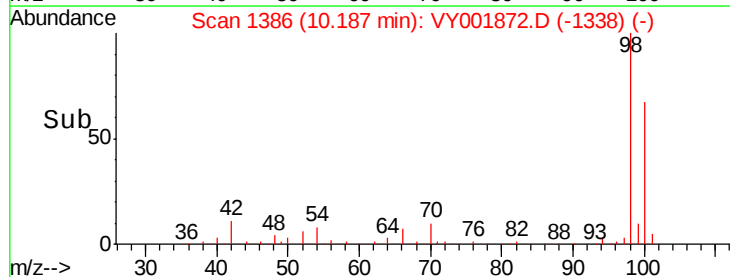
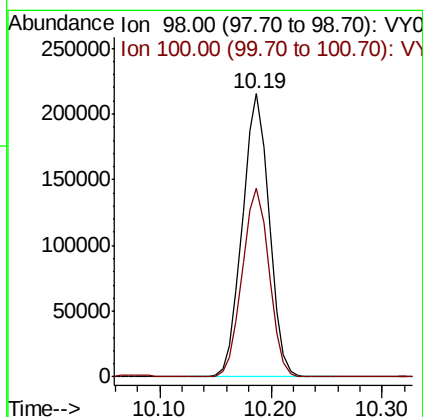
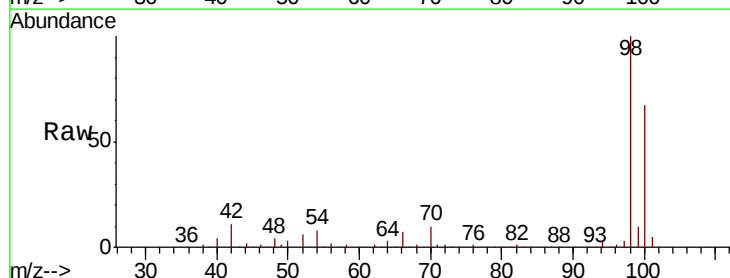
Instrument :
 MSVOA_Y
 ClientSampled :

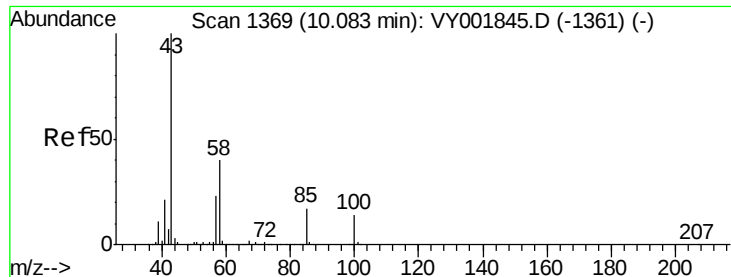
Tot Ion: 88 Resp: 706
 Ion Ratio Lower Upper
 88 100
 43 38.5 25.0 37.6#
 58 72.2 58.9 88.3



#50
 Toluene-d8
 Concen: 51.470 ug/l
 RT: 10.19 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: VY001872.D
 Acq: 05 Mar 2020 11:38

Tgt Ion: 98 Resp: 359852
 Ion Ratio Lower Upper
 98 100
 100 67.0 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 12.622 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VY001872.D

Acq: 05 Mar 2020 11:38

Instrument :

MSVOA_Y

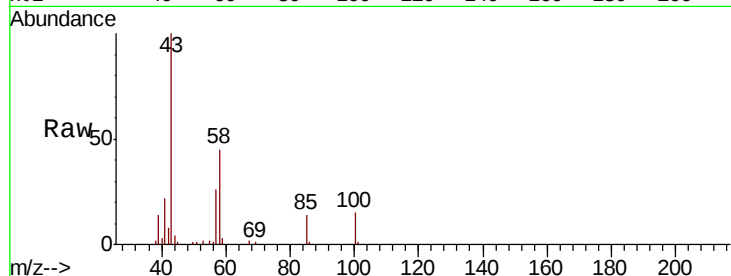
ClientSampleId :

Tot Ion: 43 Resp: 20902

Ion Ratio Lower Upper

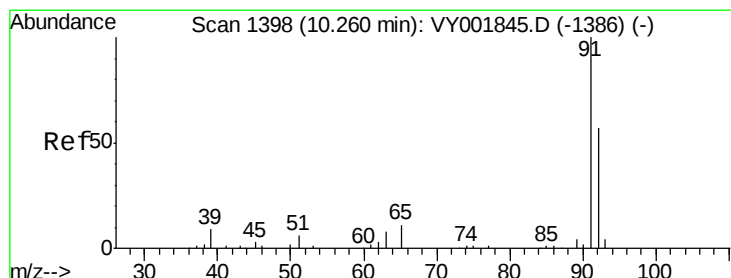
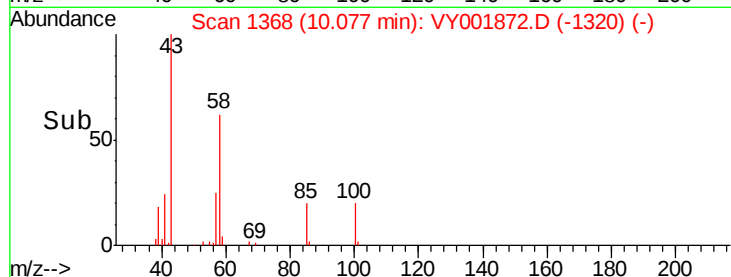
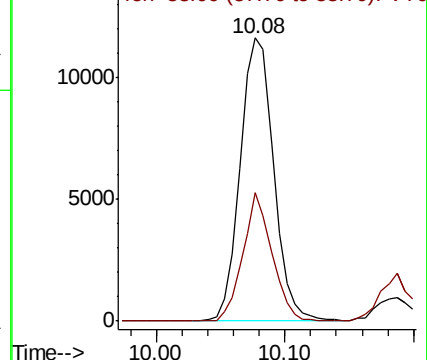
43 100

58 39.3 32.0 48.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 2.786 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. -0.01 min

Lab File: VY001872.D

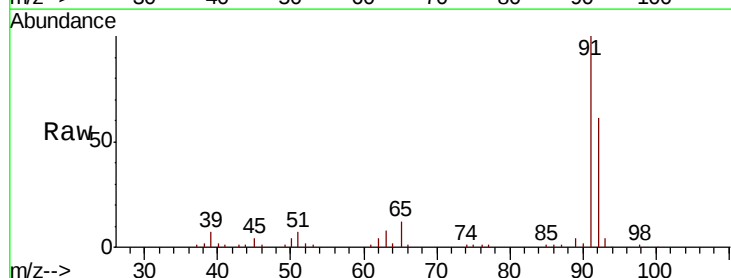
Acq: 05 Mar 2020 11:38

Tgt Ion: 92 Resp: 14659

Ion Ratio Lower Upper

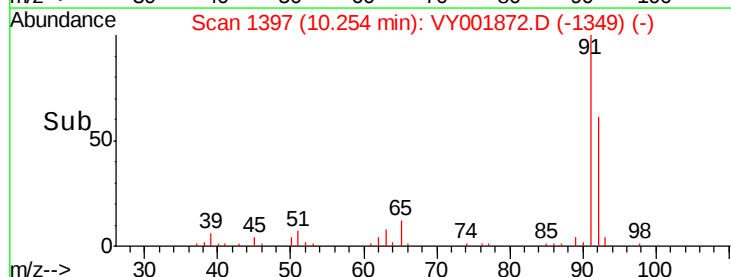
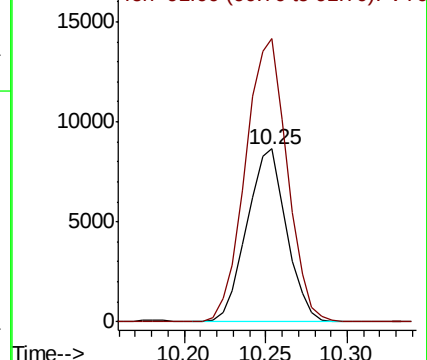
92 100

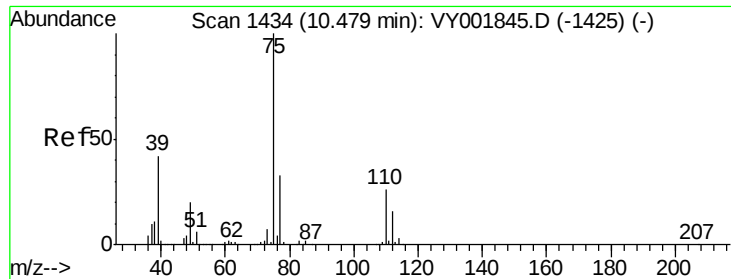
91 171.6 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





#53

t-1,3-Dichloropropene

Concen: 2.476 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.01 min

Lab File: VY001872.D

Acq: 05 Mar 2020 11:38

Instrument :

MSVOA_Y

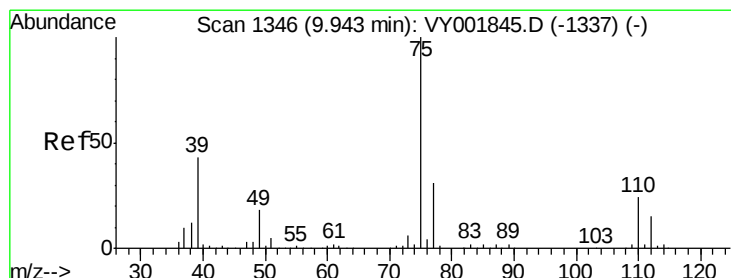
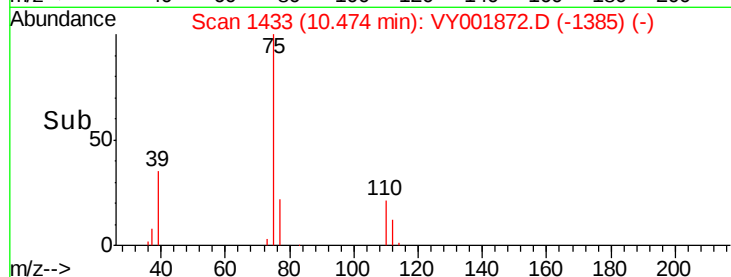
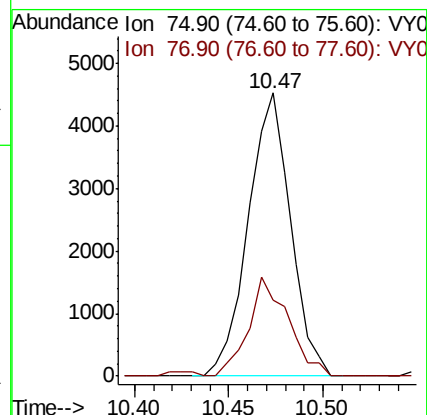
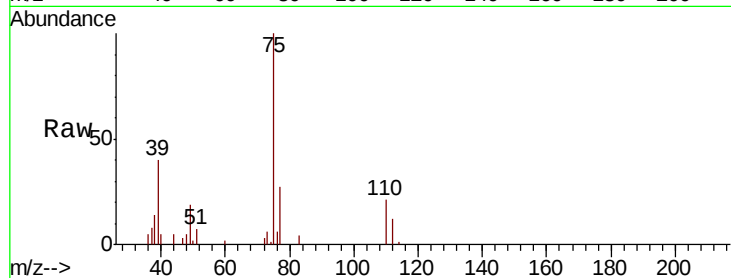
ClientSampleId :

Tot Ion: 75 Resp: 7041

Ion Ratio Lower Upper

75 100

77 26.8 26.3 39.5



#54

cis-1,3-Dichloropropene

Concen: 2.540 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VY001872.D

Acq: 05 Mar 2020 11:38

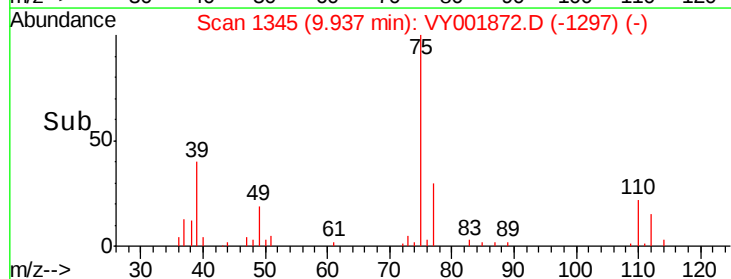
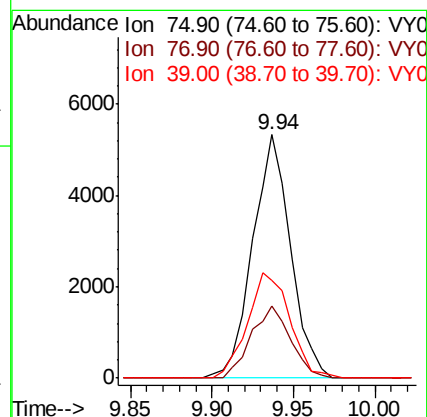
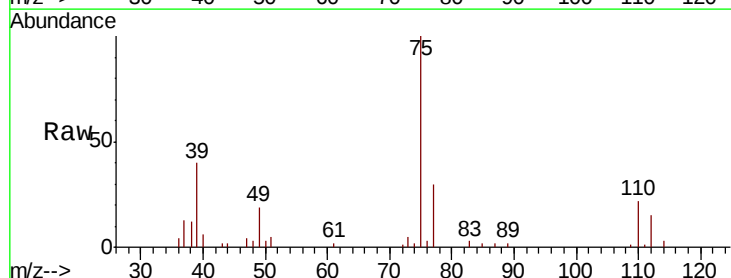
Tgt Ion: 75 Resp: 8597

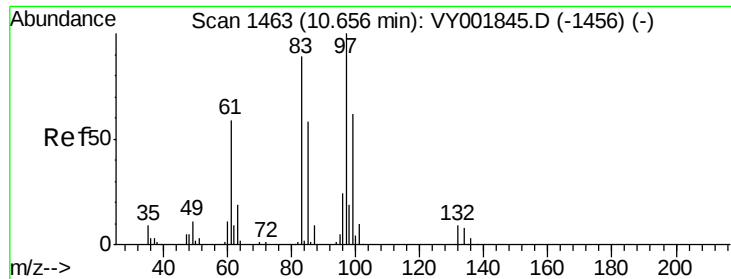
Ion Ratio Lower Upper

75 100

77 29.9 25.1 37.7

39 40.1 34.7 52.1





#55

1,1,2-Trichloroethane

Concen: 2.680 ug/l

RT: 10.66 min Scan# 1463

Delta R.T. 0.00 min

Lab File: VY001872.D

Acq: 05 Mar 2020 11:38

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 97 Resp: 4401

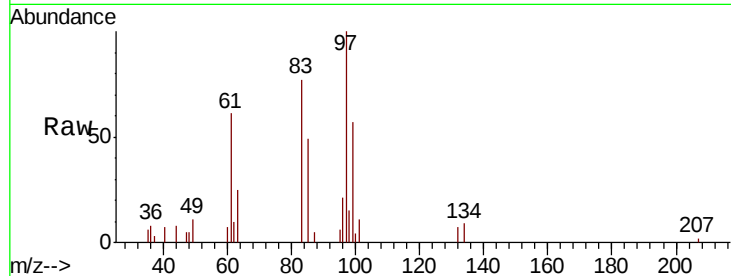
Ion Ratio Lower Upper

97 100

83 77.3 71.6 107.4

85 48.6 46.6 69.8

99 56.7 49.8 74.6

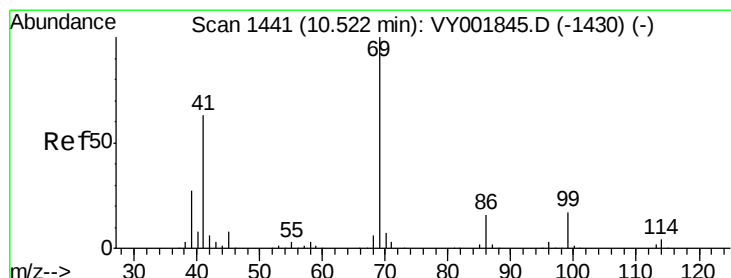
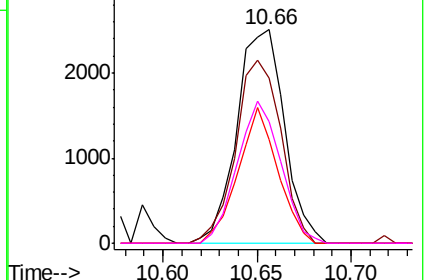
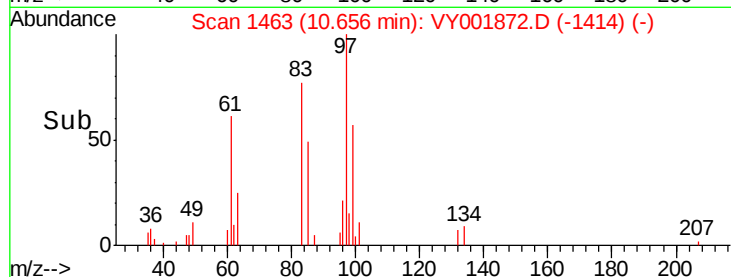


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 2.361 ug/l

RT: 10.52 min Scan# 1440

Delta R.T. -0.01 min

Lab File: VY001872.D

Acq: 05 Mar 2020 11:38

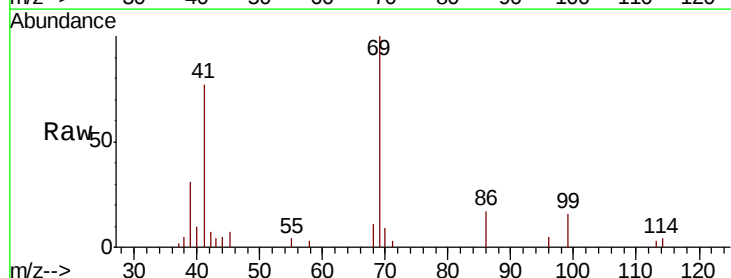
Tgt Ion: 69 Resp: 5682

Ion Ratio Lower Upper

69 100

41 69.6 49.9 74.9

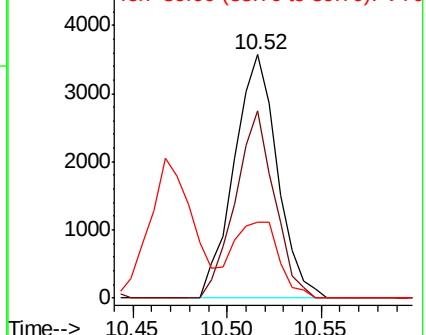
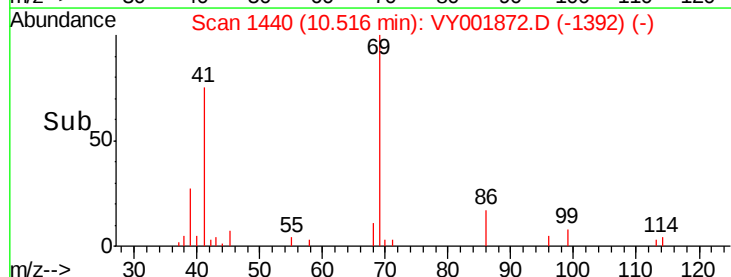
39 34.8 23.0 34.6#

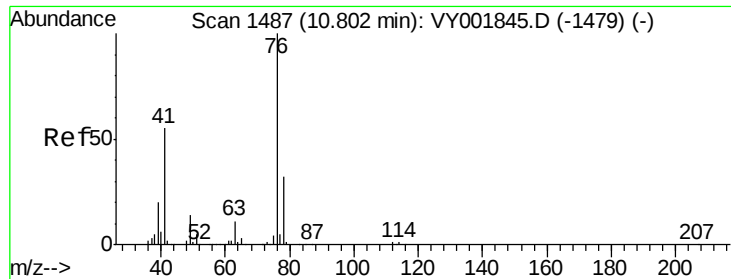


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 2.592 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. -0.01 min

Lab File: VY001872.D

Acq: 05 Mar 2020 11:38

Instrument :

MSVOA_Y

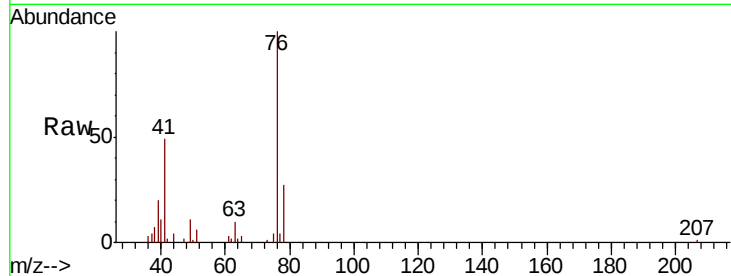
ClientSampleId :

Tot Ion: 76 Resp: 7587

Ion Ratio Lower Upper

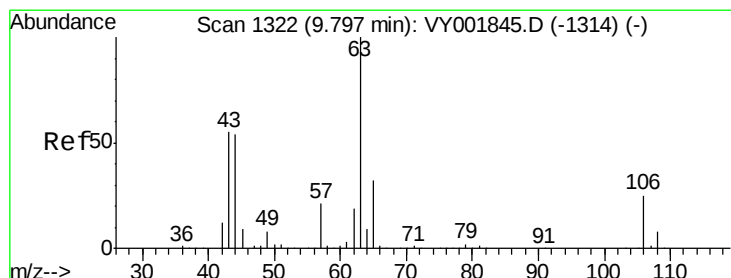
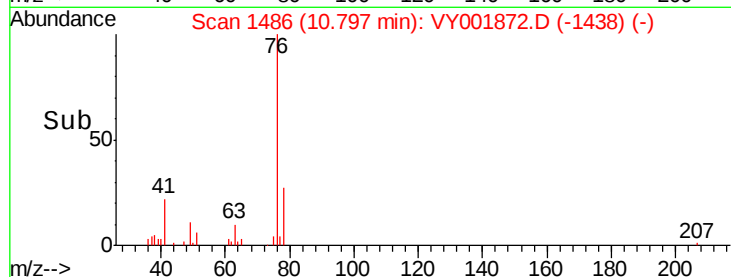
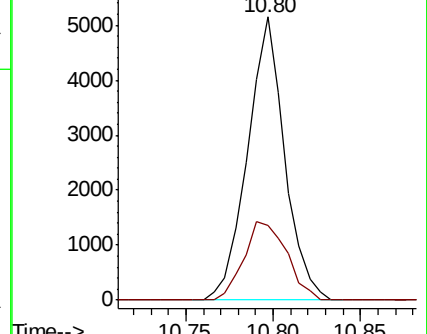
76 100

78 32.3 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 10.881 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.01 min

Lab File: VY001872.D

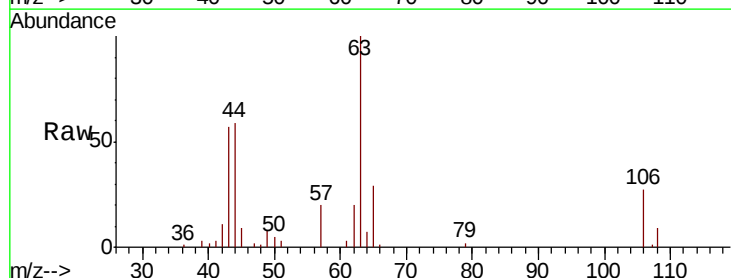
Acq: 05 Mar 2020 11:38

Tgt Ion: 63 Resp: 10383

Ion Ratio Lower Upper

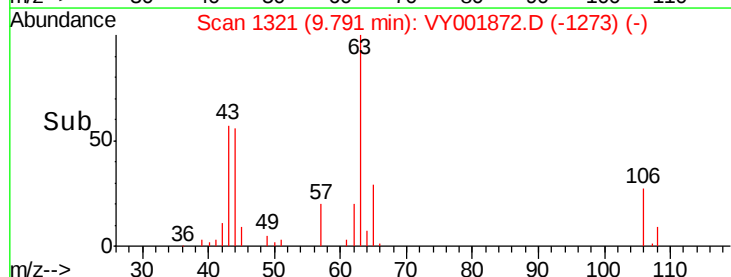
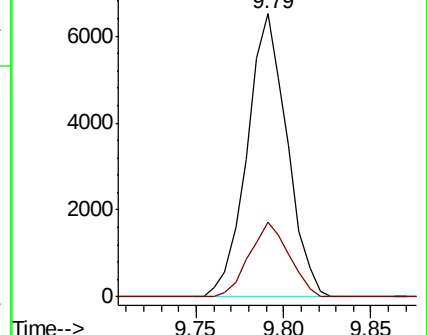
63 100

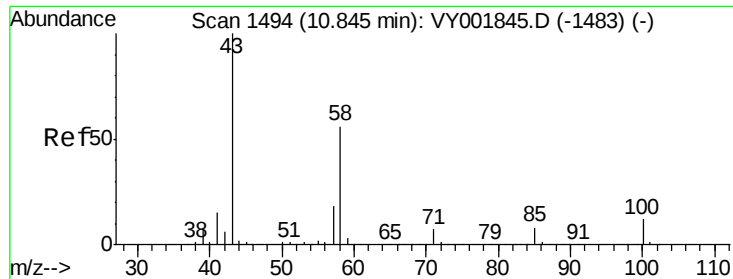
106 26.1 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

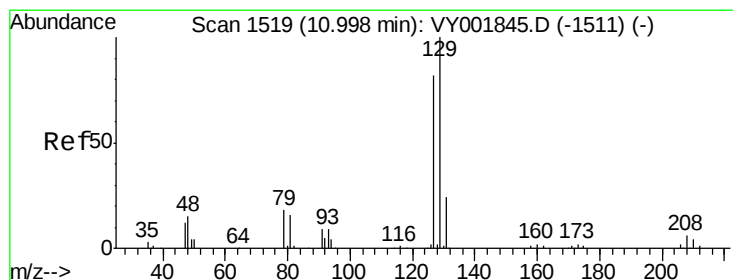
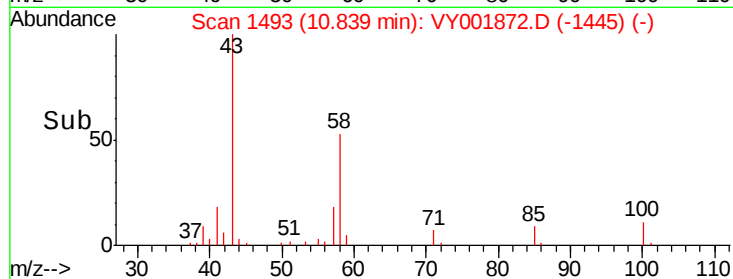
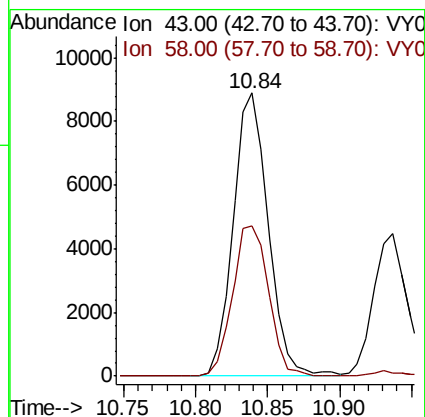
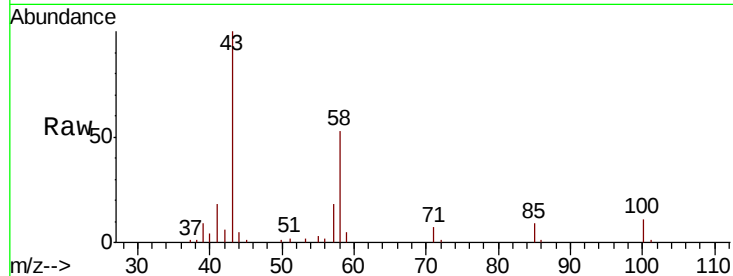




#59
2-Hexanone
Concen: 12.740 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.01 min
Lab File: VY001872.D
Acq: 05 Mar 2020 11:38

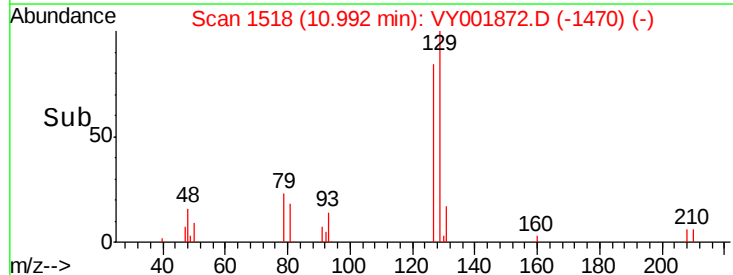
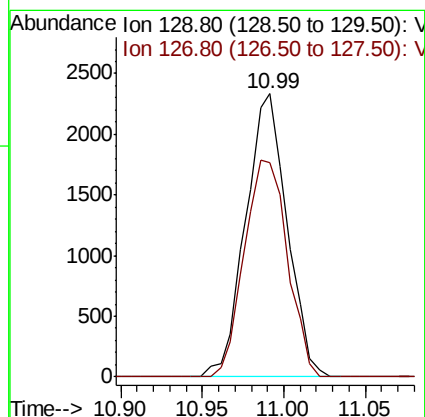
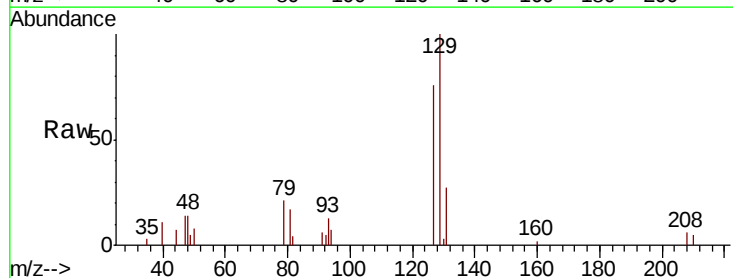
Instrument :
MSVOA_Y
ClientSampleId :

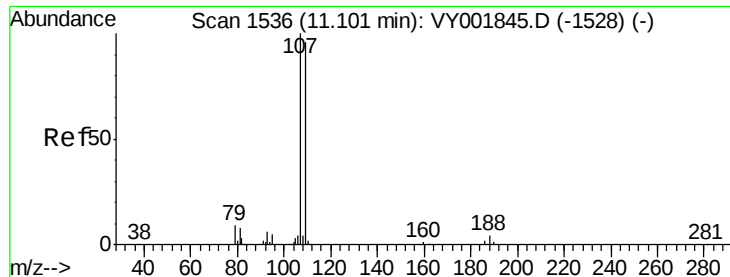
Tot Ion: 43 Resp: 15059
Ion Ratio Lower Upper
43 100
58 54.7 28.1 84.3



#60
Dibromochloromethane
Concen: 2.385 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.01 min
Lab File: VY001872.D
Acq: 05 Mar 2020 11:38

Tgt Ion: 129 Resp: 4126
Ion Ratio Lower Upper
129 100
127 79.9 39.0 117.0

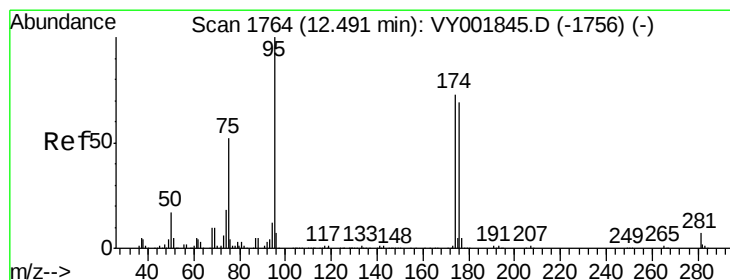
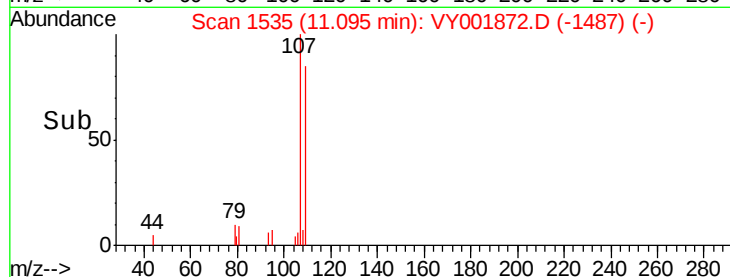
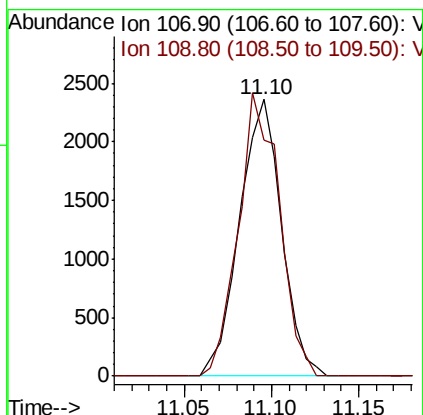
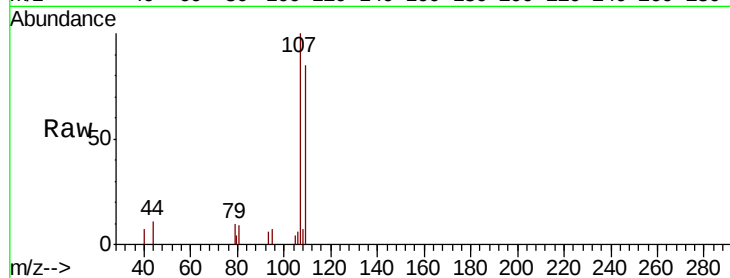




#61
 1,2-Dibromoethane
 Concen: 2.542 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: VY001872.D
 Acq: 05 Mar 2020 11:38

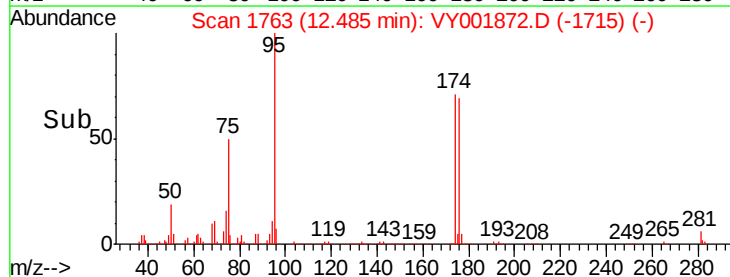
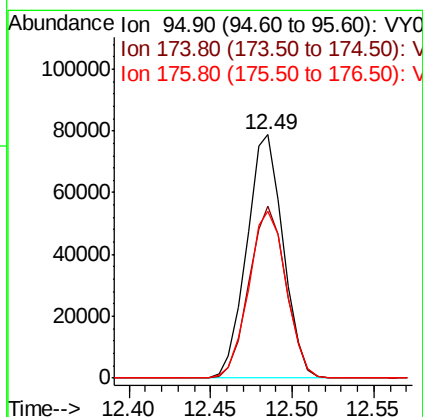
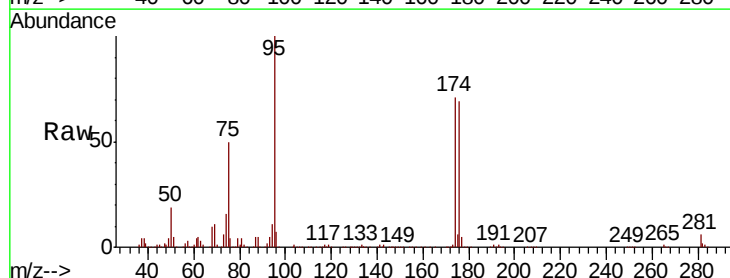
Instrument :
 MSVOA_Y
 ClientSampled :

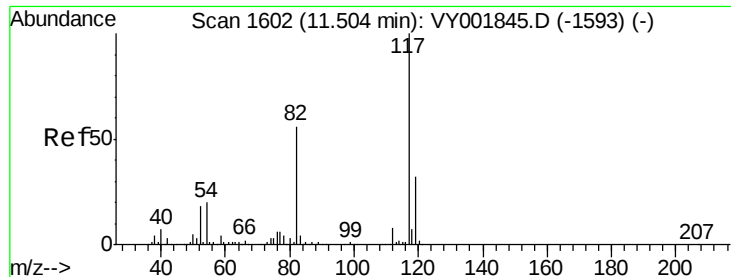
Tot Ion: 107 Resp: 3954
 Ion Ratio Lower Upper
 107 100
 109 99.4 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 50.381 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: VY001872.D
 Acq: 05 Mar 2020 11:38

Tgt Ion: 95 Resp: 122478
 Ion Ratio Lower Upper
 95 100
 174 71.3 0.0 145.0
 176 70.6 0.0 137.4

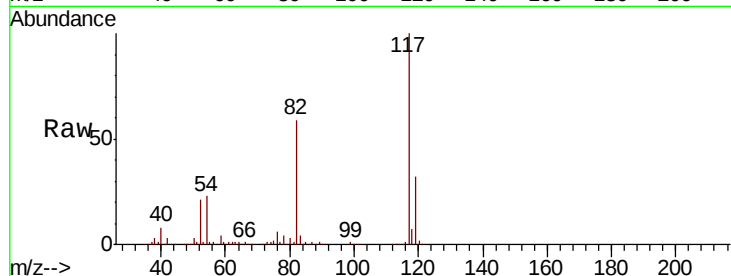




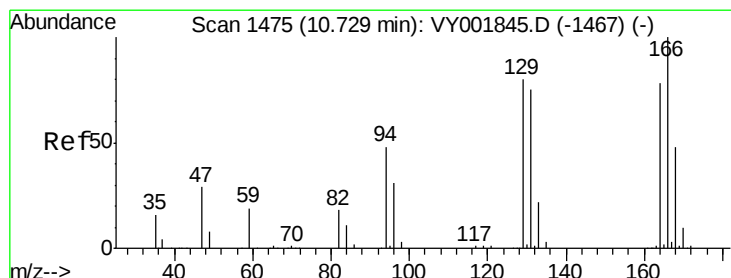
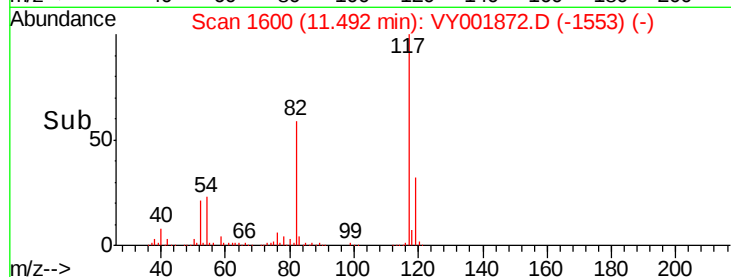
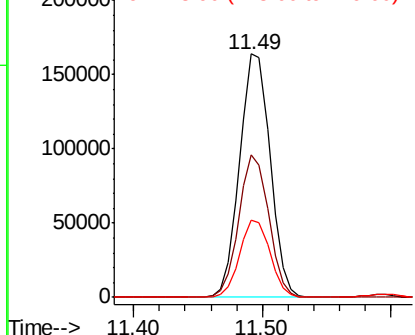
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001872.D
Acq: 05 Mar 2020 11:38

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 269863
Ion Ratio Lower Upper
117 100
82 58.6 44.5 66.7
119 31.8 25.7 38.5

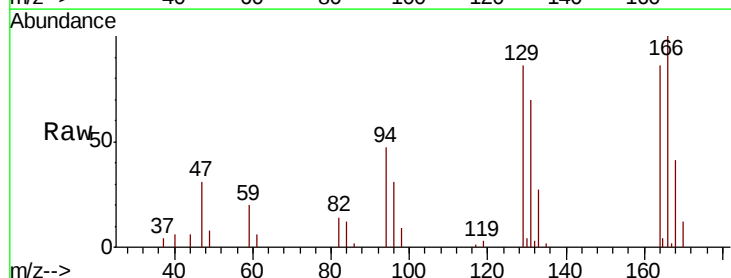


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

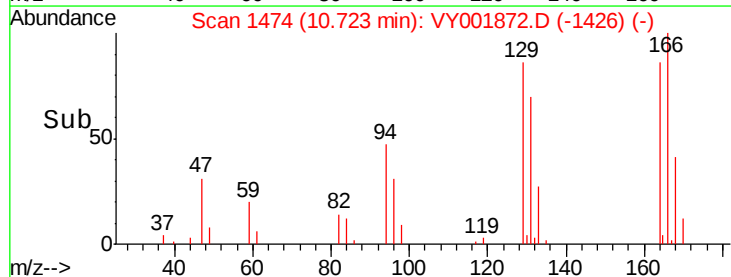
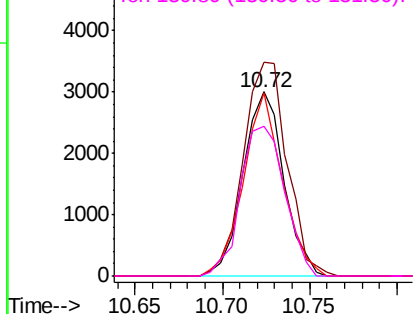


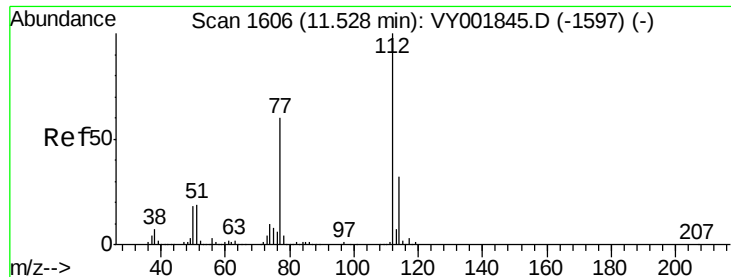
#64
Tetrachloroethene
Concen: 2.870 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY001872.D
Acq: 05 Mar 2020 11:38

Tgt Ion:164 Resp: 4857
Ion Ratio Lower Upper
164 100
166 116.1 102.6 154.0
129 99.5 82.3 123.5
131 81.7 77.4 116.0



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

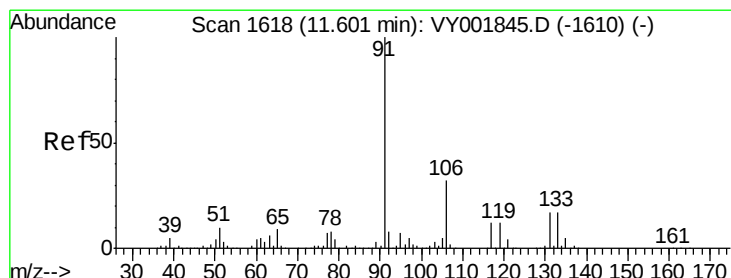
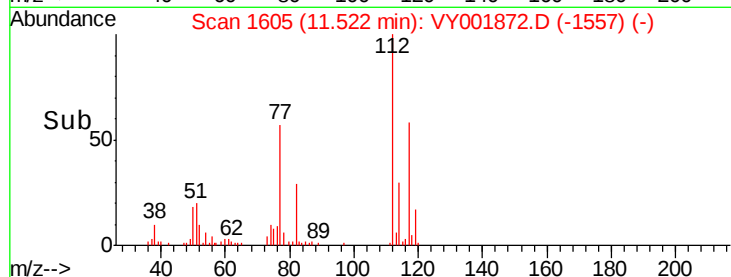
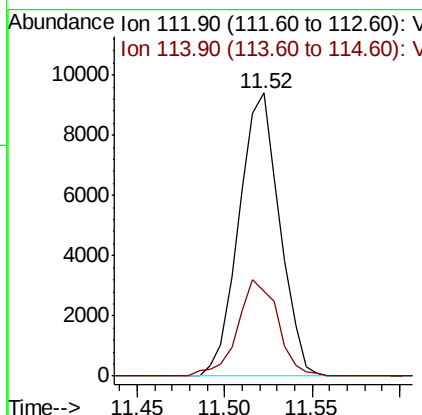
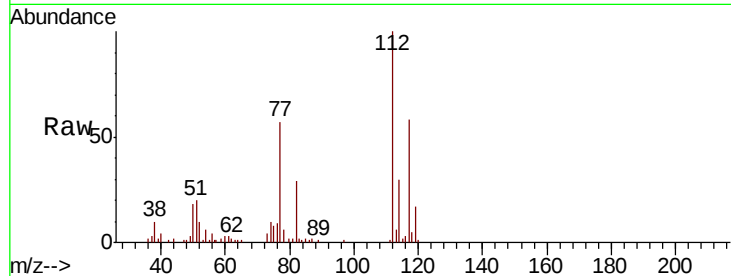




#65
Chlorobenzene
Concen: 2.824 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.01 min
Lab File: VY001872.D
Acq: 05 Mar 2020 11:38

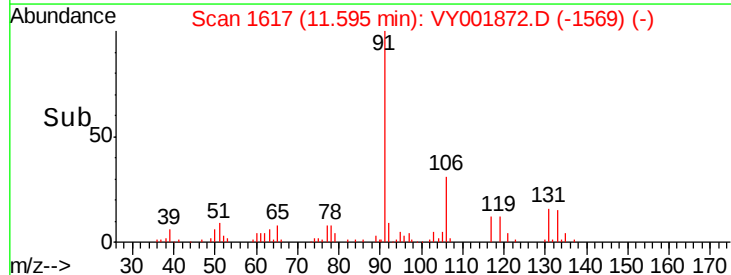
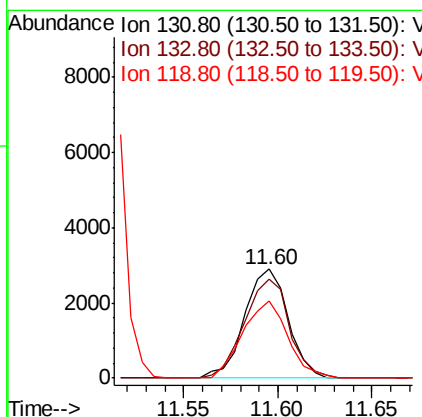
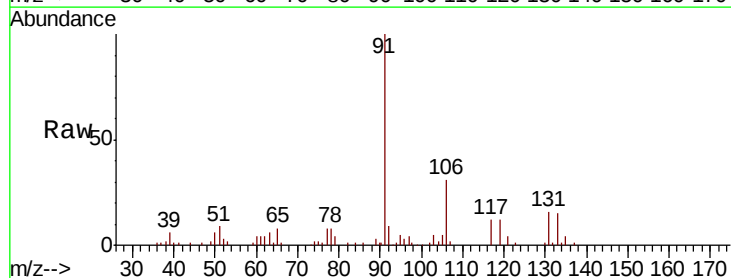
Instrument :
MSVOA_Y
ClientSampleId :

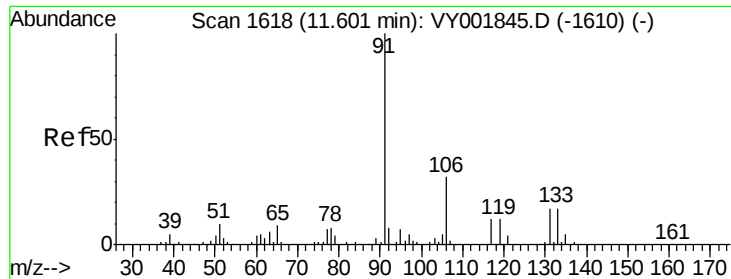
Tot Ion:112 Resp: 15183
Ion Ratio Lower Upper
112 100
114 30.2 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 2.632 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY001872.D
Acq: 05 Mar 2020 11:38

Tgt Ion:131 Resp: 4641
Ion Ratio Lower Upper
131 100
133 93.5 47.1 141.3
119 73.2 34.5 103.6

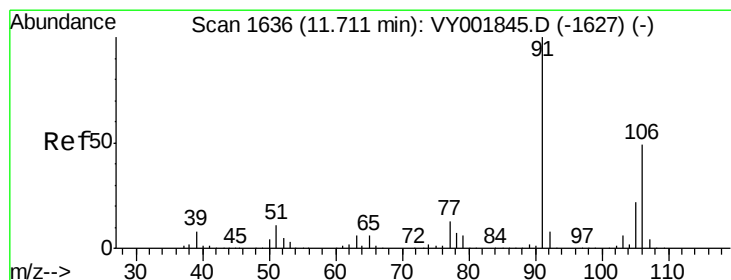
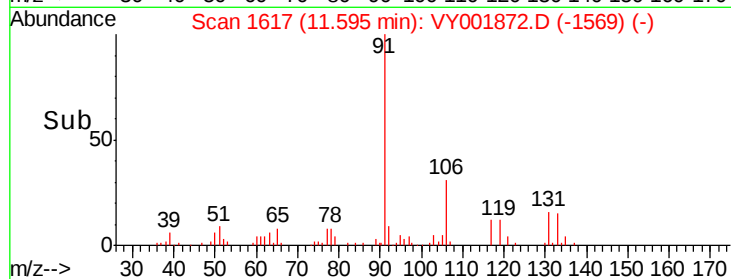
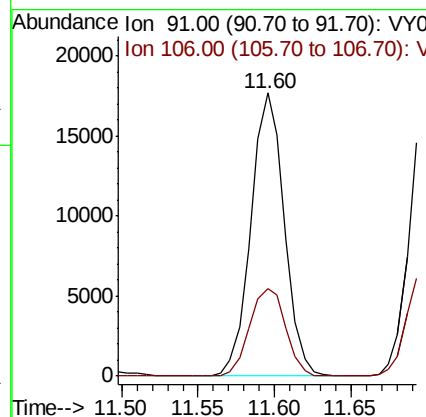
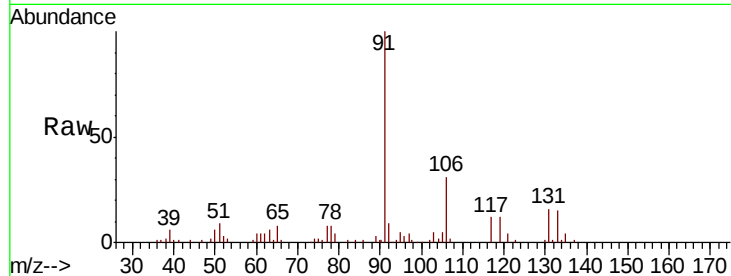




#67
Ethyl Benzene
Concen: 2.665 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY001872.D
Acq: 05 Mar 2020 11:38

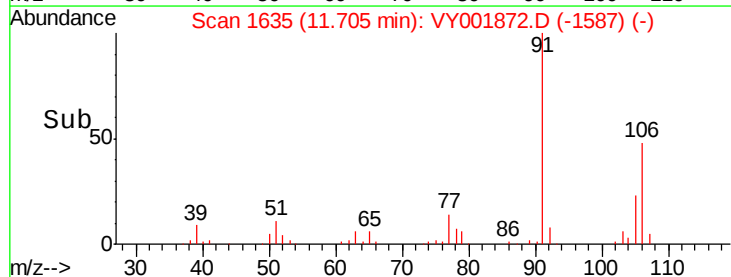
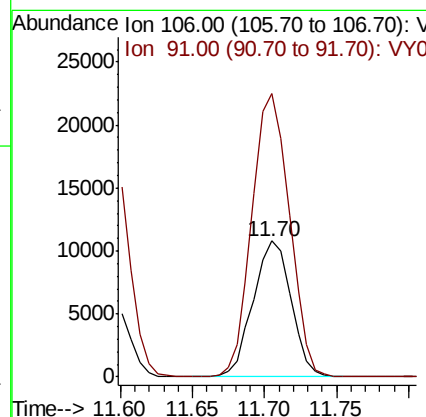
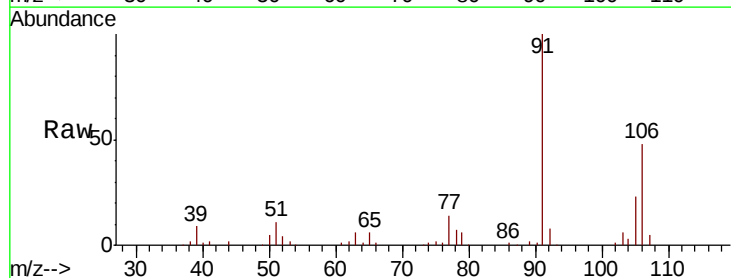
Instrument :
MSVOA_Y
ClientSampled :

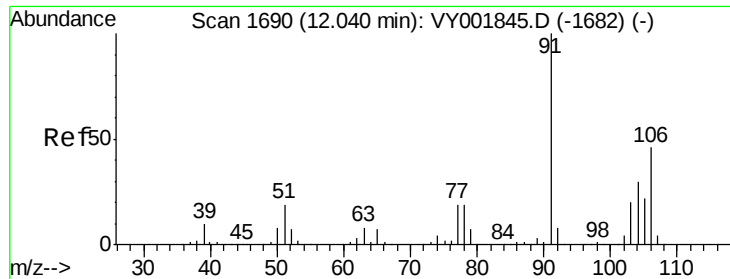
Tot Ion: 91 Resp: 26724
Ion Ratio Lower Upper
91 100
106 30.8 25.4 38.2



#68
m/p-Xylenes
Concen: 5.310 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY001872.D
Acq: 05 Mar 2020 11:38

Tgt Ion: 106 Resp: 19689
Ion Ratio Lower Upper
106 100
91 206.3 161.3 241.9

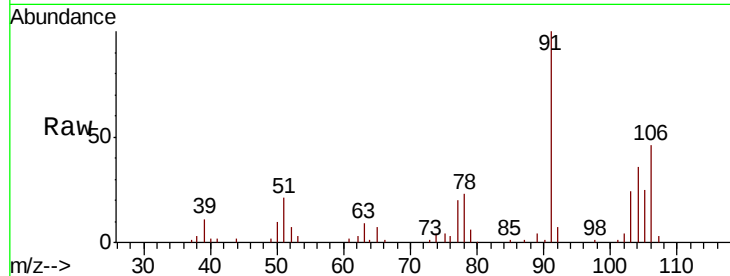




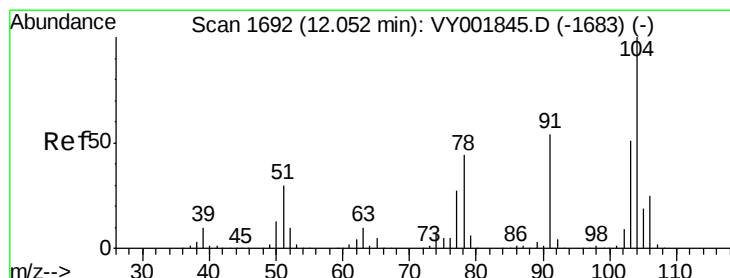
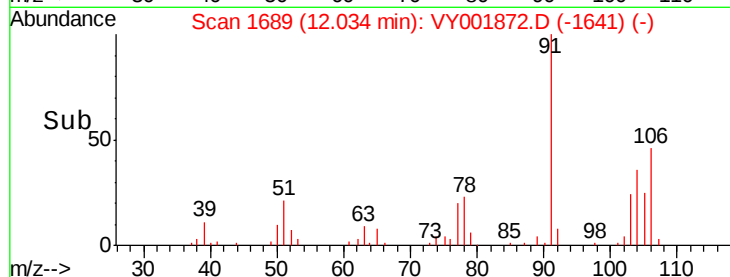
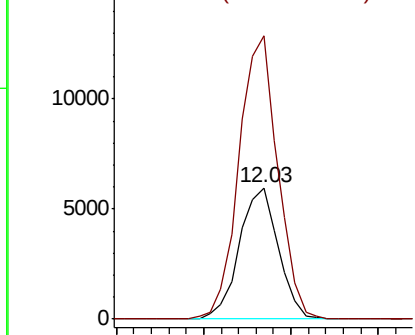
#69
o-Xylene
Concen: 2.668 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VY001872.D
Acq: 05 Mar 2020 11:38

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:106 Resp: 9325
Ion Ratio Lower Upper
106 100
91 213.6 106.8 320.4

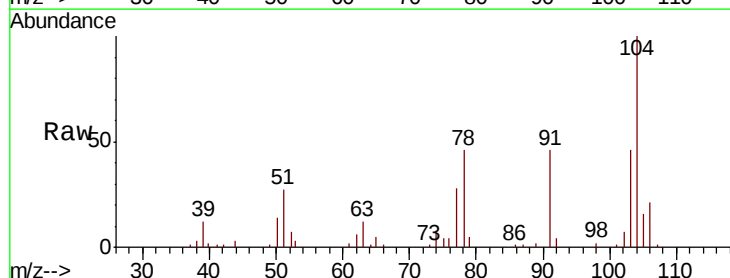


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

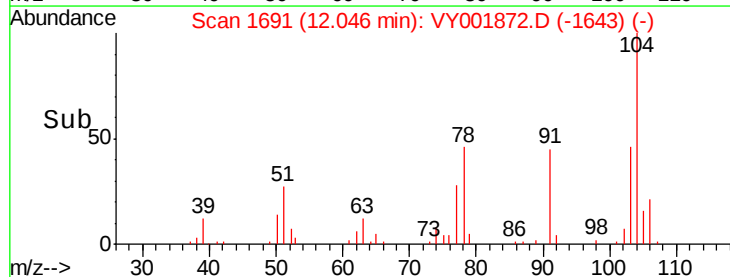
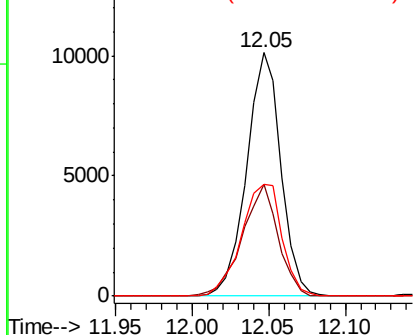


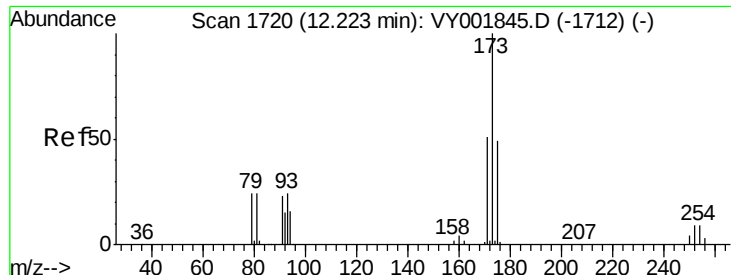
#70
Styrene
Concen: 2.629 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY001872.D
Acq: 05 Mar 2020 11:38

Tgt Ion:104 Resp: 15737
Ion Ratio Lower Upper
104 100
78 48.1 38.5 57.7
103 54.5 42.9 64.3



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V

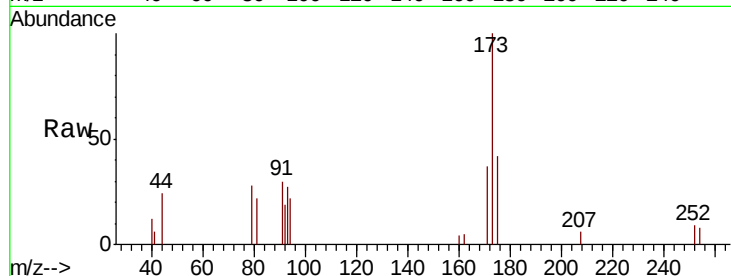




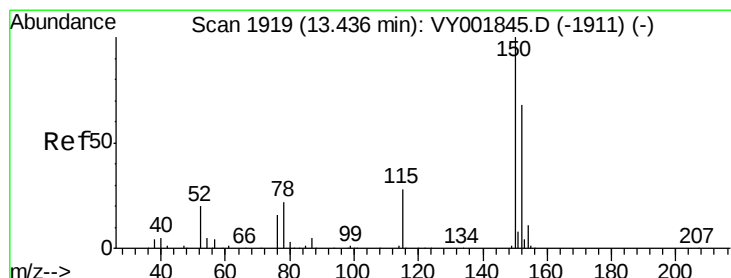
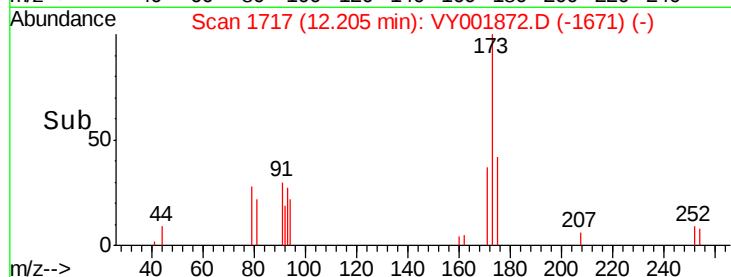
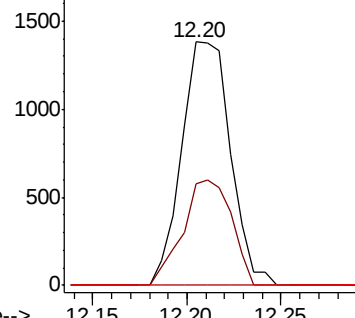
#71
Bromoform
Concen: 2.590 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.02 min
Lab File: VY001872.D
Acq: 05 Mar 2020 11:38

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:173 Resp: 2477
Ion Ratio Lower Upper
173 100
175 43.4 24.3 72.8
254 0.0 0.0 0.0

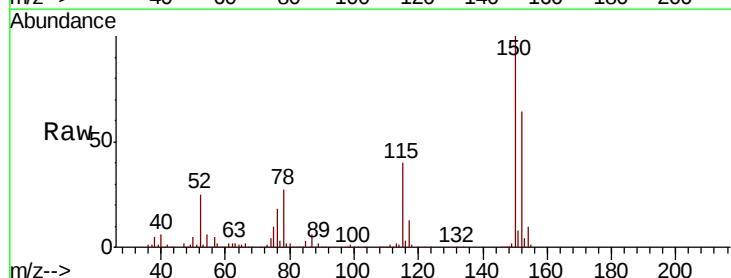


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

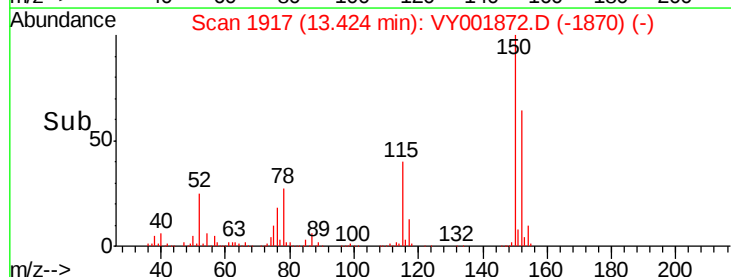
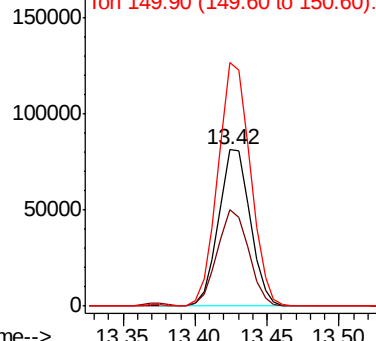


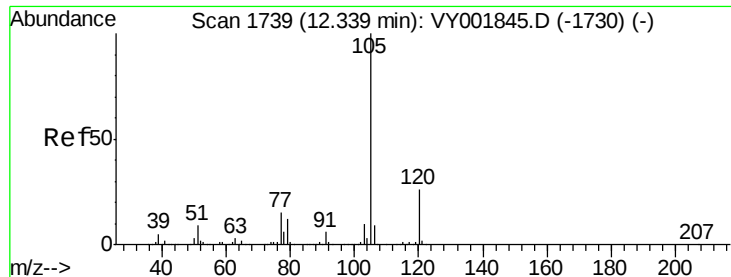
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY001872.D
Acq: 05 Mar 2020 11:38

Tgt Ion:152 Resp: 123548
Ion Ratio Lower Upper
152 100
115 61.4 29.9 89.7
150 159.7 0.0 340.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 2.751 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY001872.D

Acq: 05 Mar 2020 11:38

Instrument :

MSVOA_Y

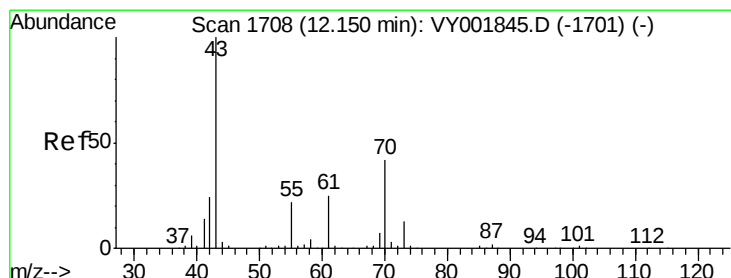
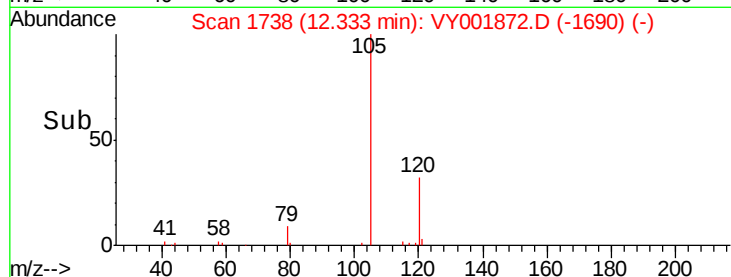
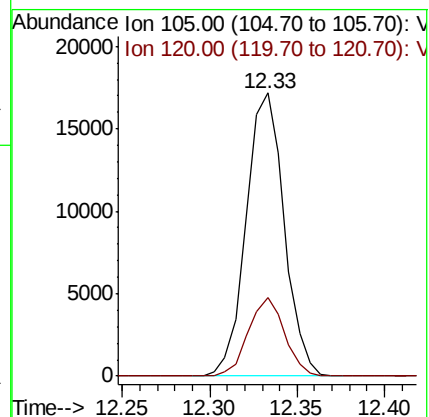
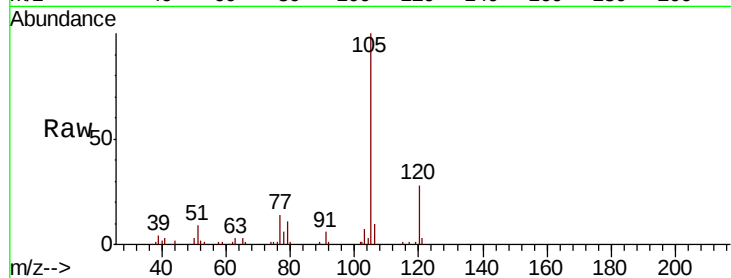
ClientSampleId :

Tot Ion:105 Resp: 25945

Ion Ratio Lower Upper

105 100

120 26.4 13.1 39.3



#74

N-ethyl acetate

Concen: 2.501 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.01 min

Lab File: VY001872.D

Acq: 05 Mar 2020 11:38

Tgt Ion: 43 Resp: 7250

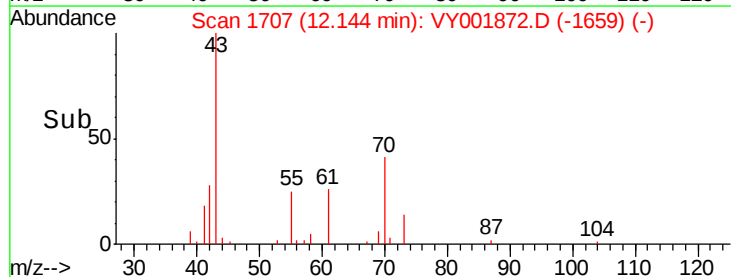
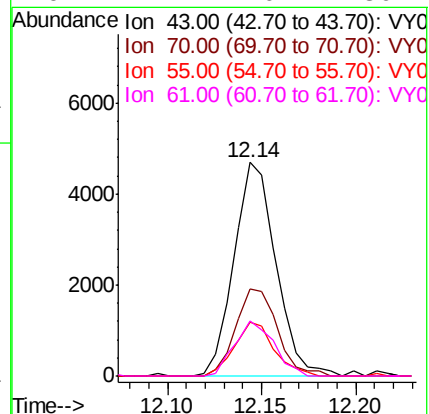
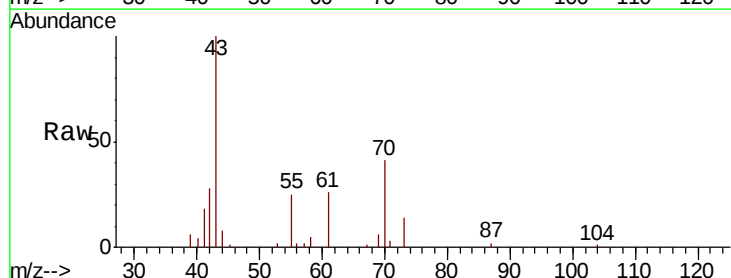
Ion Ratio Lower Upper

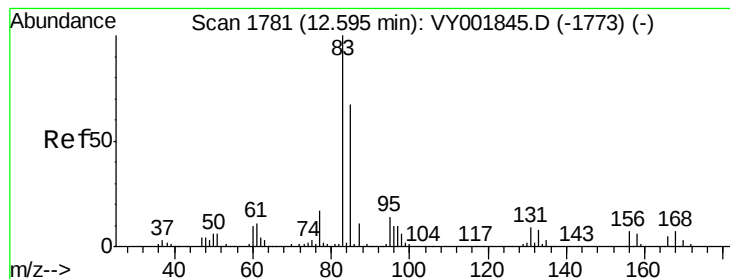
43 100

70 40.4 34.7 52.1

55 24.2 18.2 27.4

61 24.1 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 2.446 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.01 min

Lab File: VY001872.D

Acq: 05 Mar 2020 11:38

Instrument :

MSVOA_Y

ClientSampleId :

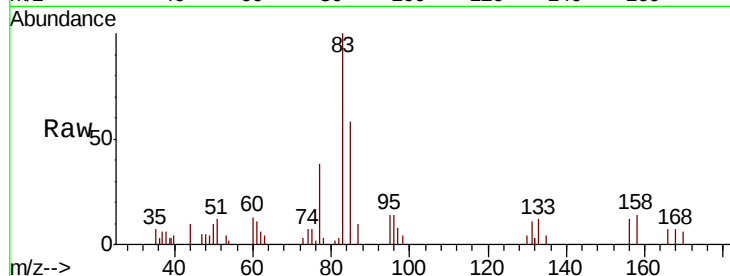
Tot Ion: 83 Resp: 4975

Ion Ratio Lower Upper

83 100

131 9.7 4.6 13.8

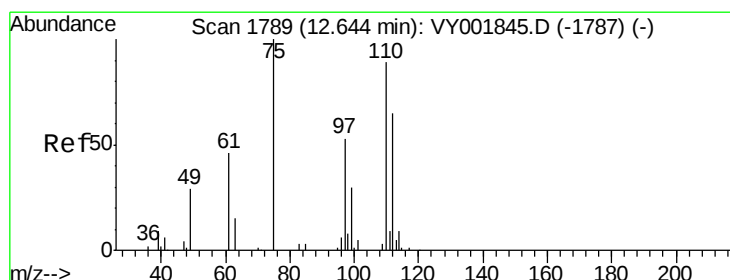
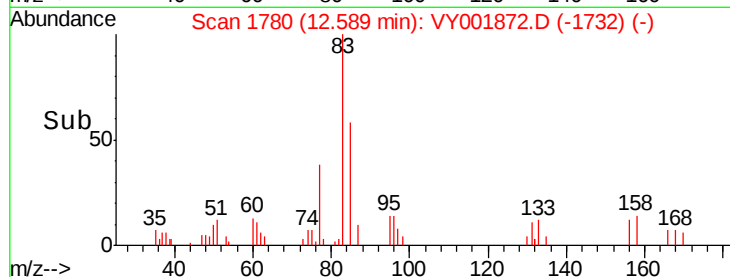
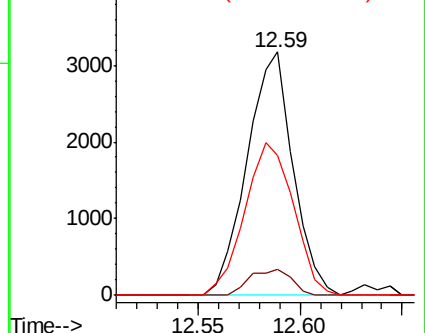
85 66.6 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VY001845.D (-1773) (-)

Ion 130.80 (130.50 to 131.50): VY001845.D (-1773) (-)

Ion 84.90 (84.60 to 85.60): VY001845.D (-1773) (-)



#76

1,2,3-Trichloropropane

Concen: 4.677 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VY001872.D

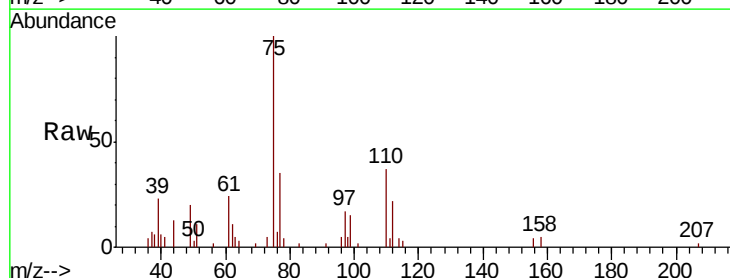
Acq: 05 Mar 2020 11:38

Tgt Ion: 75 Resp: 6856

Ion Ratio Lower Upper

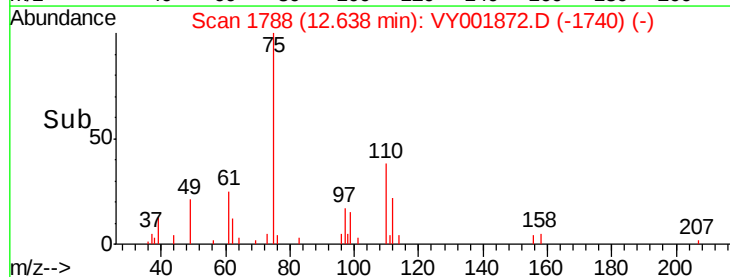
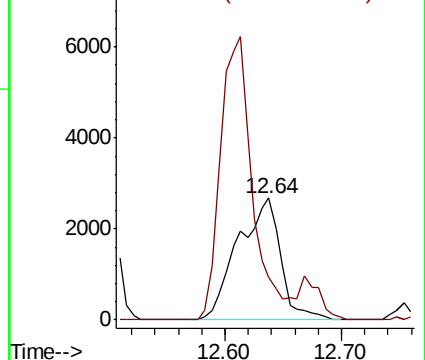
75 100

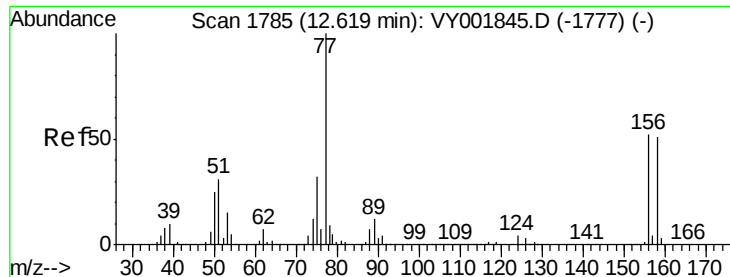
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY001845.D (-1787) (-)

Ion 77.00 (76.70 to 77.70): VY001845.D (-1787) (-)





#77

Bromobenzene

Concen: 2.786 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VY001872.D

Acq: 05 Mar 2020 11:38

Instrument :

MSVOA_Y

ClientSampleId :

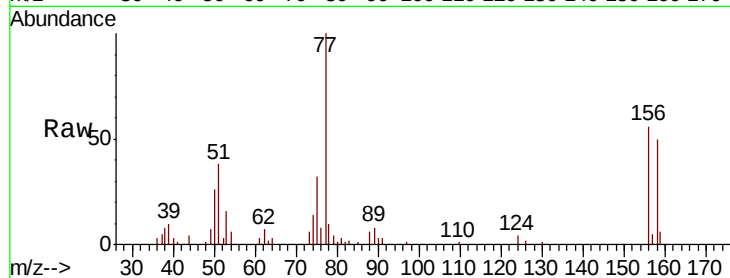
Tot Ion:156 Resp: 5567

Ion Ratio Lower Upper

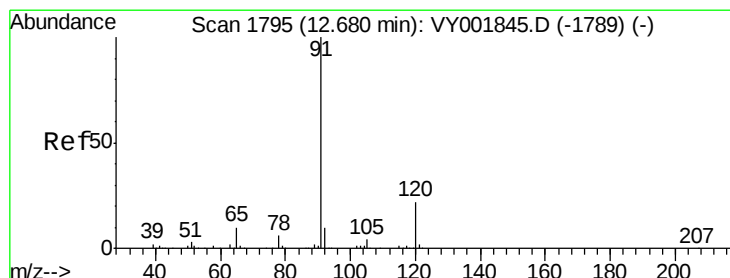
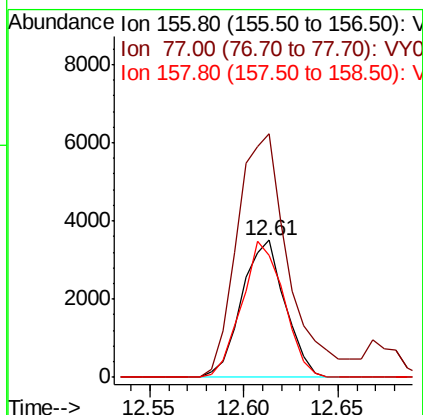
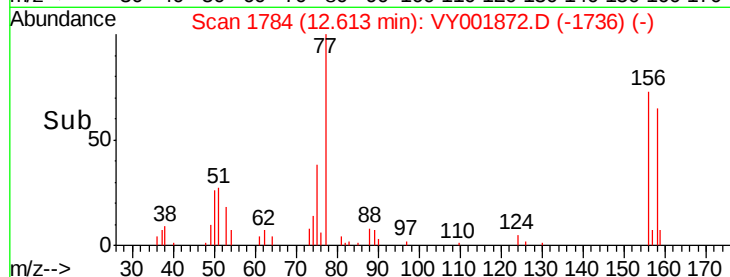
156 100

77 208.9 109.0 327.0

158 96.7 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VY0
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 2.744 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY001872.D

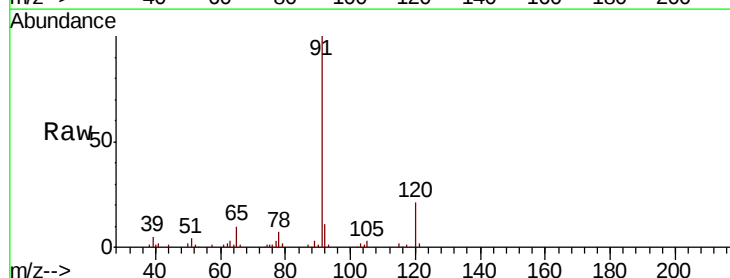
Acq: 05 Mar 2020 11:38

Tgt Ion: 91 Resp: 31929

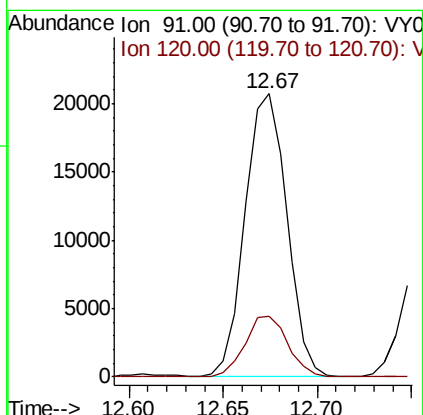
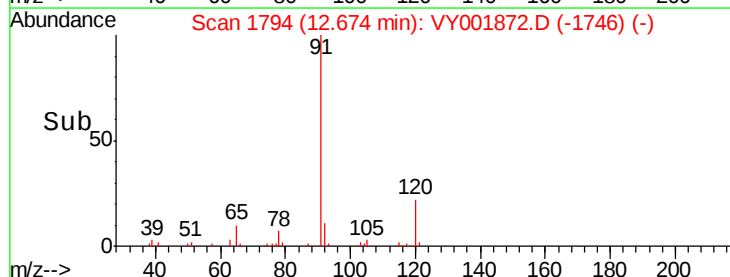
Ion Ratio Lower Upper

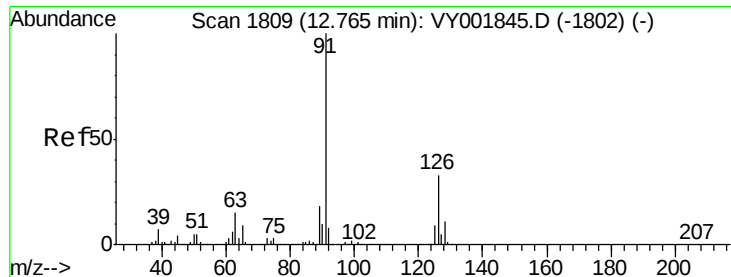
91 100

120 22.0 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 120.00 (119.70 to 120.70): V

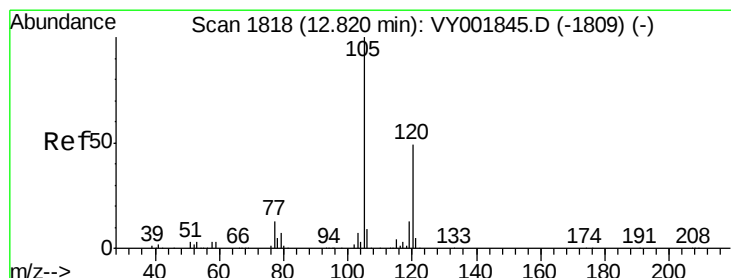
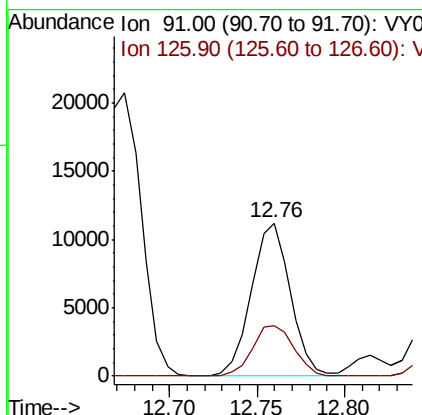
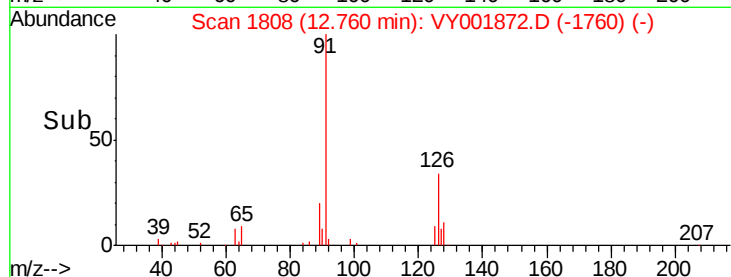
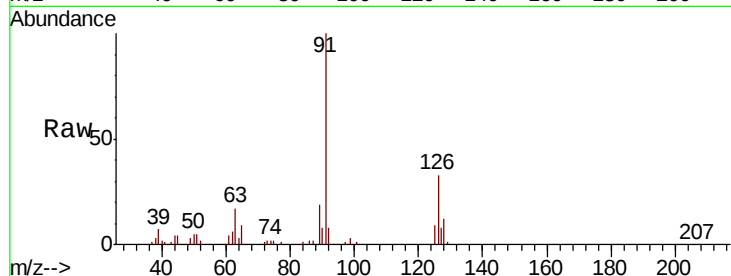




#79
 2-Chlorotoluene
 Concen: 2.724 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: VY001872.D
 Acq: 05 Mar 2020 11:38

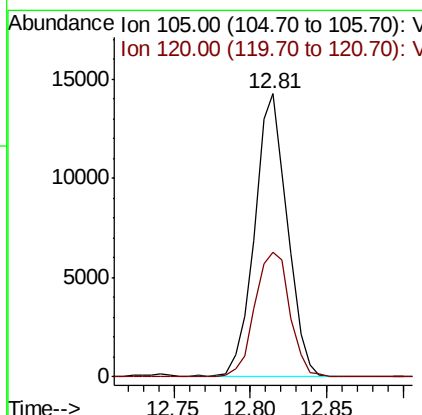
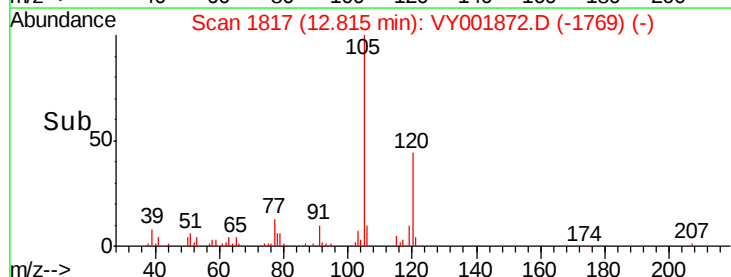
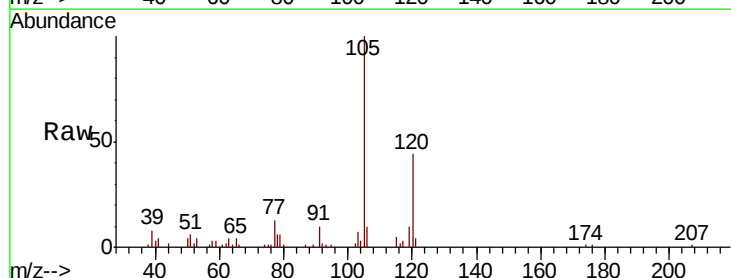
Instrument :
 MSVOA_Y
 ClientSampled :

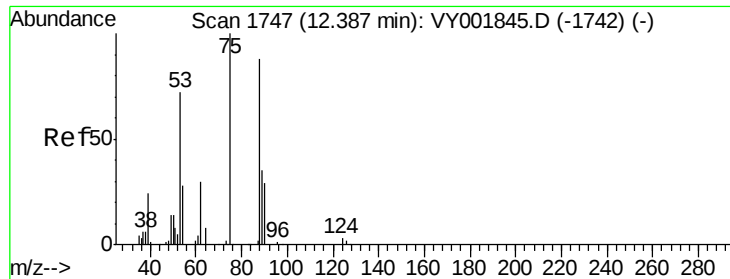
Tot Ion: 91 Resp: 17509
 Ion Ratio Lower Upper
 91 100
 126 34.5 16.3 48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 2.731 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: VY001872.D
 Acq: 05 Mar 2020 11:38

Tgt Ion: 105 Resp: 21206
 Ion Ratio Lower Upper
 105 100
 120 47.2 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 84.591 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY001872.D

Acq: 05 Mar 2020 11:38

Instrument :

MSVOA_Y

ClientSampleId :

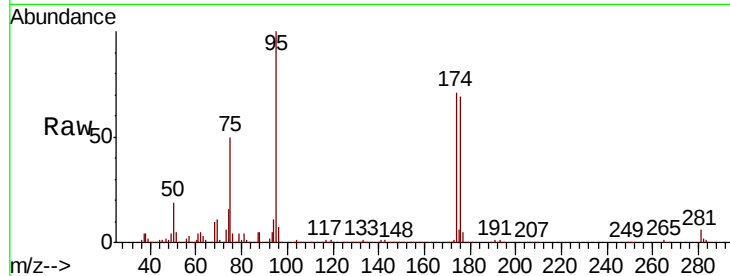
Tot Ion: 75 Resp: 61392

Ion Ratio Lower Upper

75 100

53 0.0 65.4 98.0#

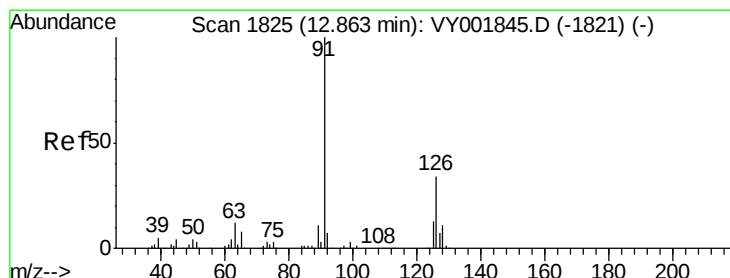
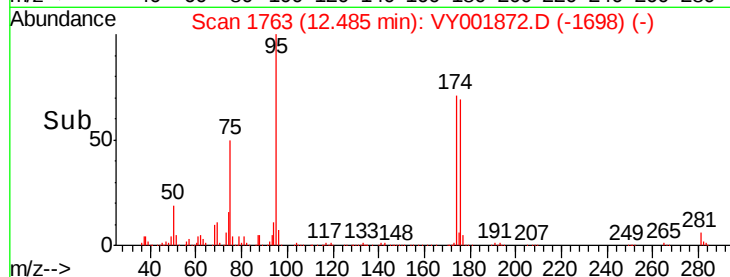
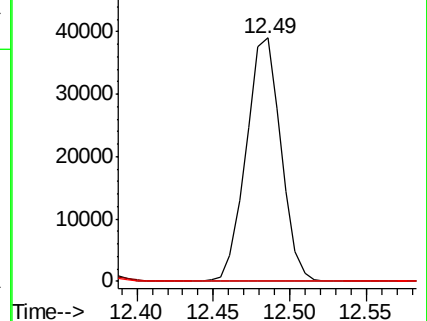
89 0.1 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 2.842 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VY001872.D

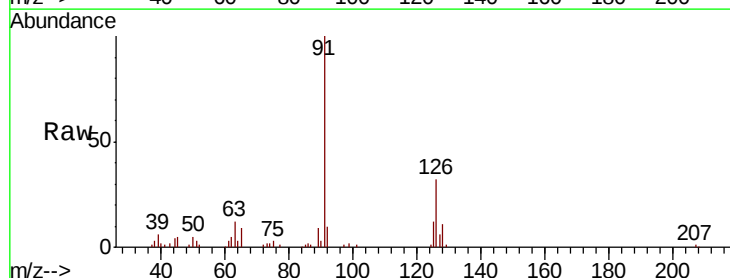
Acq: 05 Mar 2020 11:38

Tgt Ion: 91 Resp: 19023

Ion Ratio Lower Upper

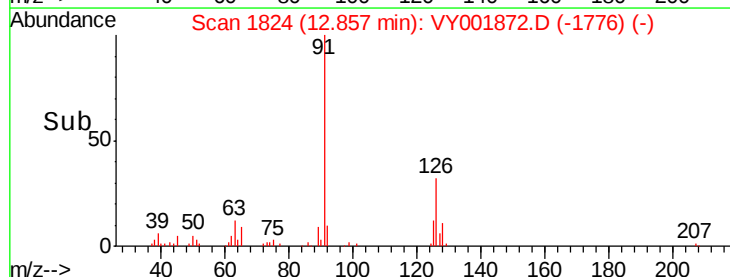
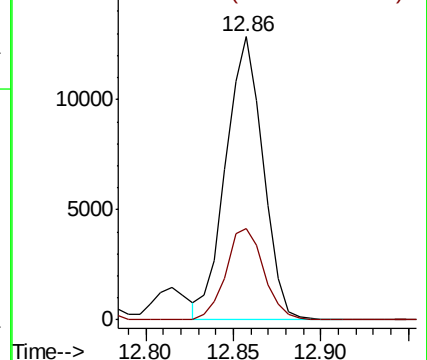
91 100

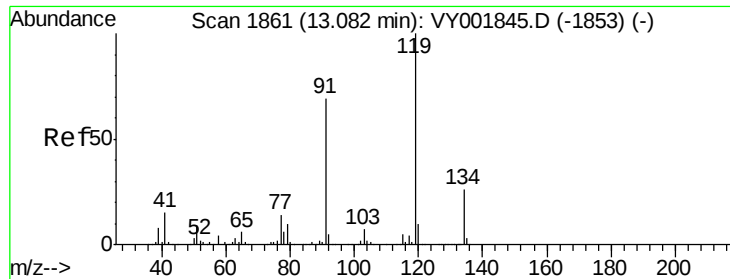
126 32.8 16.4 49.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

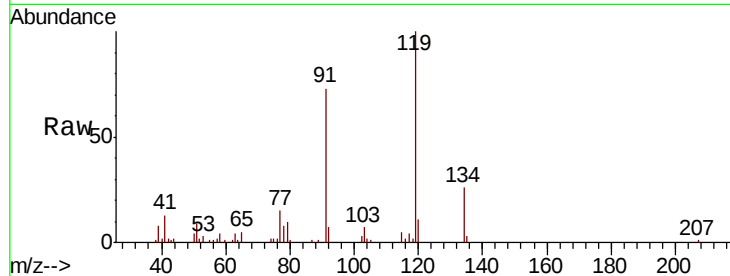




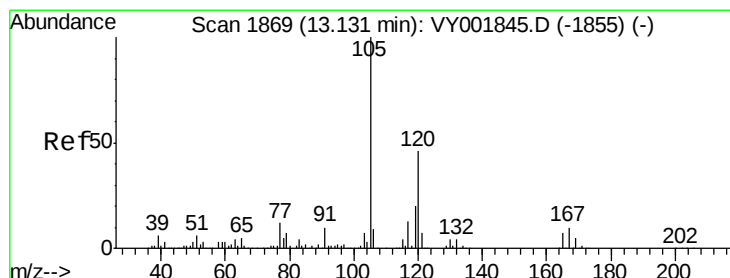
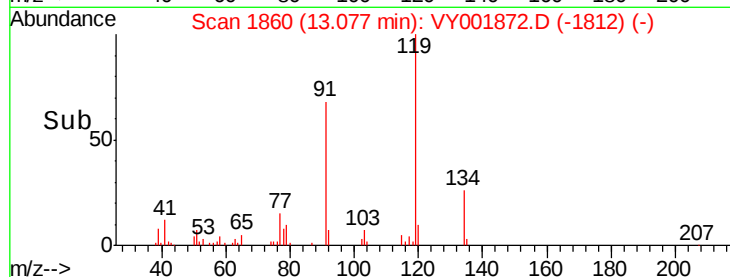
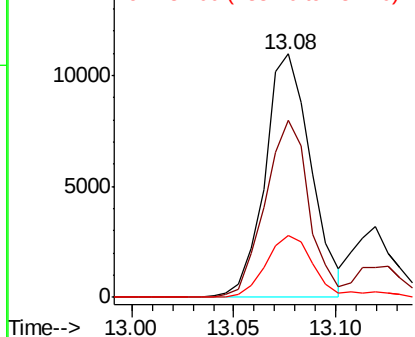
#83
tert-Butylbenzene
Concen: 2.678 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.01 min
Lab File: VY001872.D
Acq: 05 Mar 2020 11:38

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:119 Resp: 17270
Ion Ratio Lower Upper
119 100
91 69.4 34.0 101.8
134 26.1 13.5 40.4

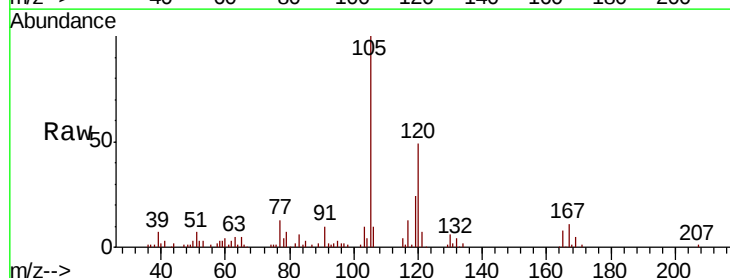


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VY0
Ion 134.00 (133.70 to 134.70): V

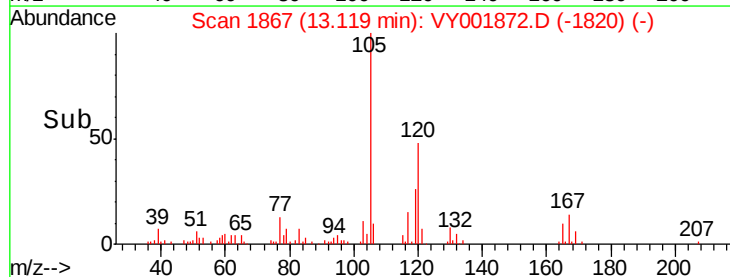
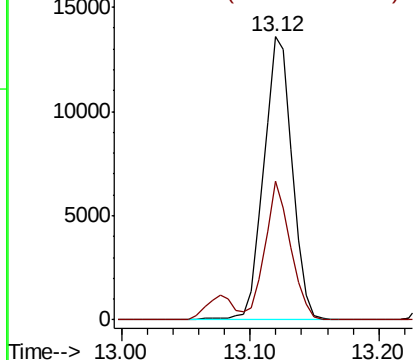


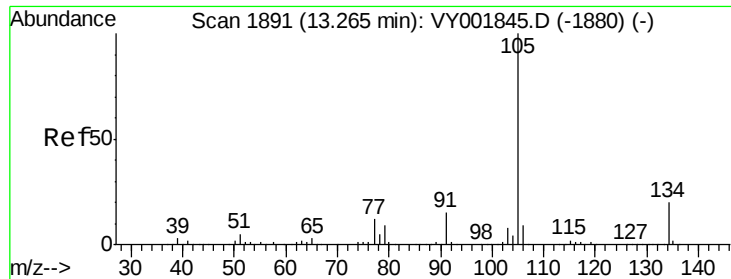
#84
1,2,4-Trimethylbenzene
Concen: 2.685 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.01 min
Lab File: VY001872.D
Acq: 05 Mar 2020 11:38

Tgt Ion:105 Resp: 20688
Ion Ratio Lower Upper
105 100
120 44.2 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 2.694 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.01 min

Lab File: VY001872.D

Acq: 05 Mar 2020 11:38

Instrument :

MSVOA_Y

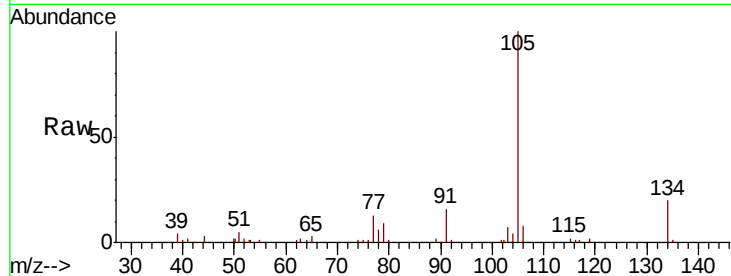
ClientSampleId :

Tot Ion:105 Resp: 25611

Ion Ratio Lower Upper

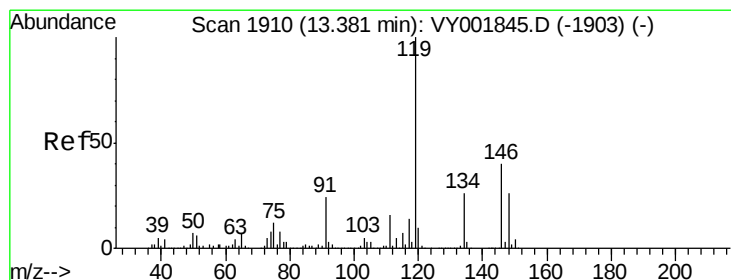
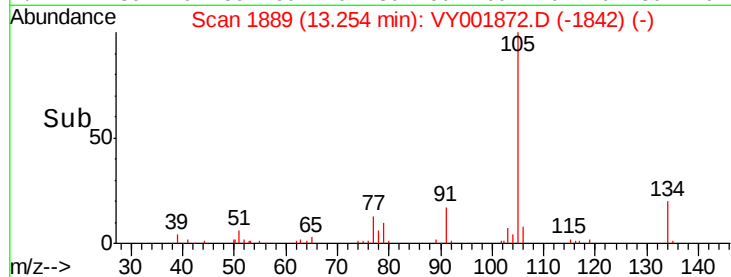
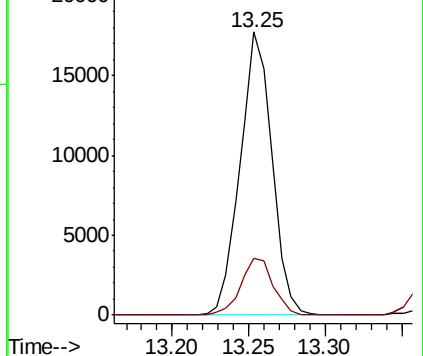
105 100

134 20.3 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 2.694 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.01 min

Lab File: VY001872.D

Acq: 05 Mar 2020 11:38

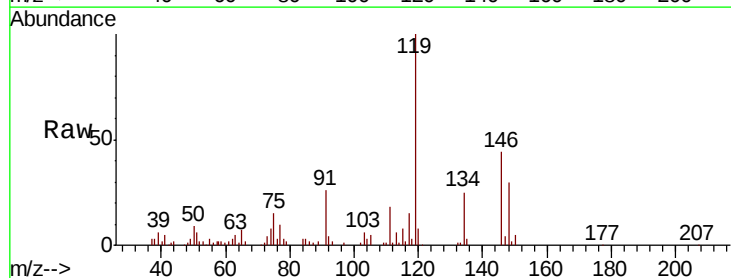
Tgt Ion:119 Resp: 22087

Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.3

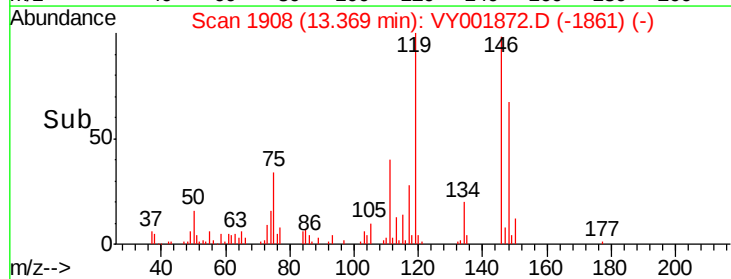
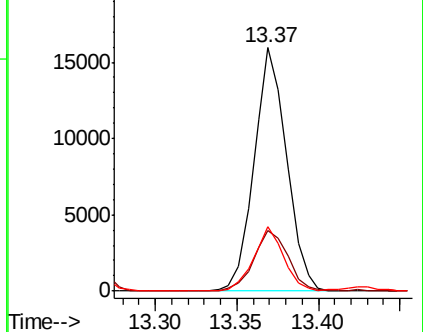
91 24.3 11.9 35.7

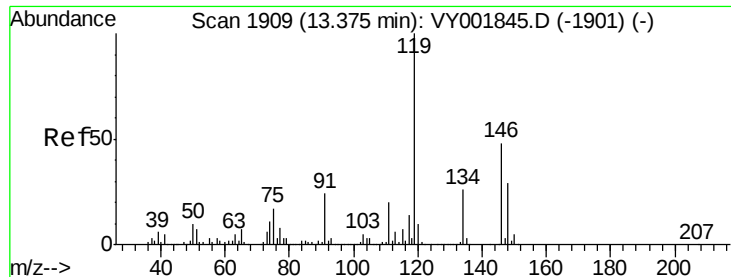


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

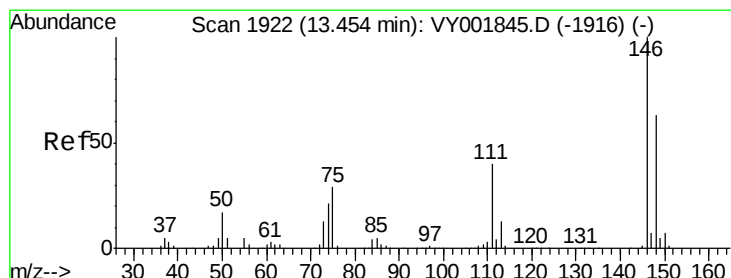
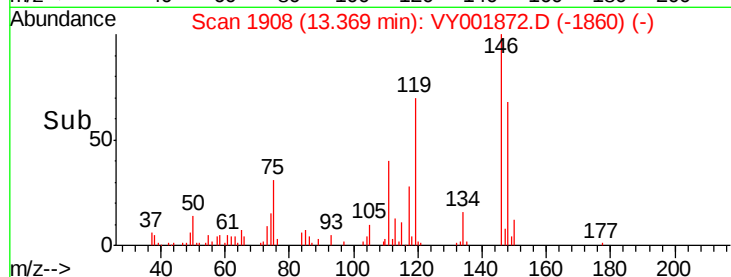
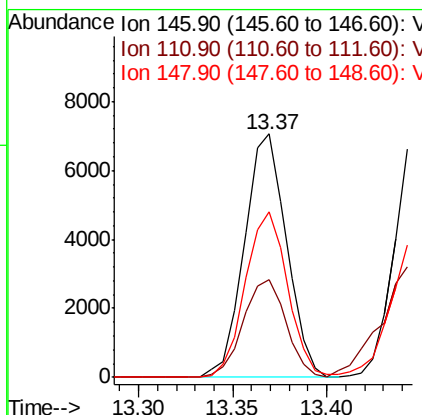
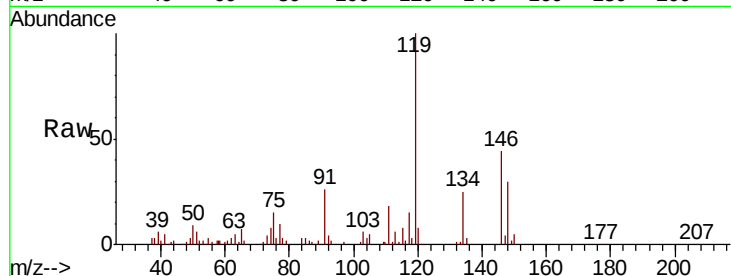




#87
 1,3-Dichlorobenzene
 Concen: 2.786 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY001872.D
 Acq: 05 Mar 2020 11:38

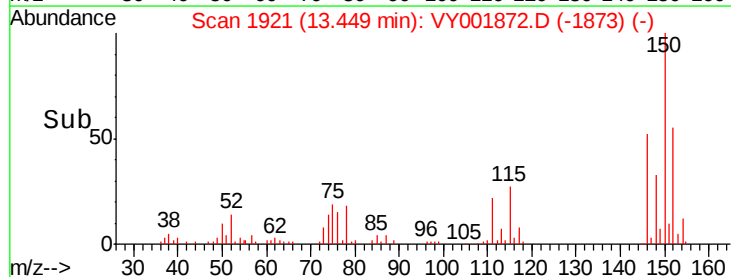
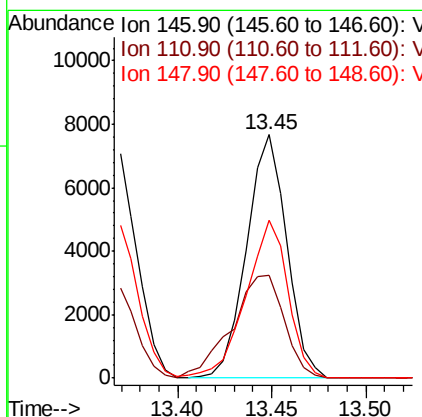
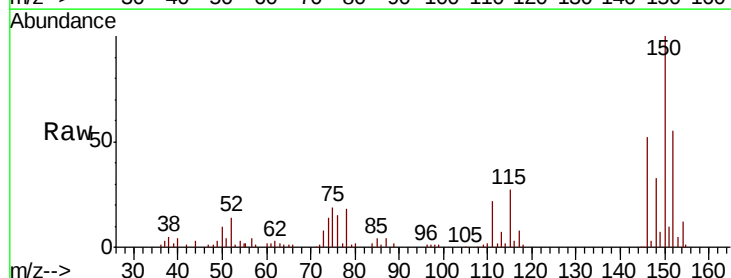
Instrument :
 MSVOA_Y
 ClientSampleId :

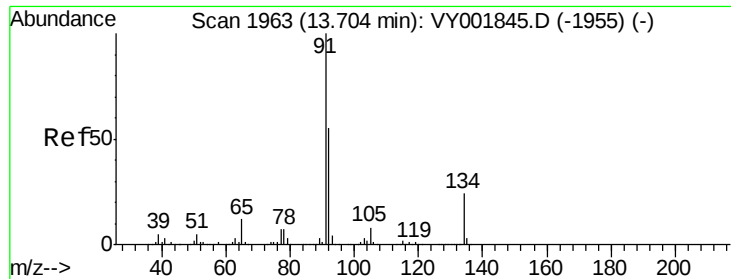
Tot Ion:146 Resp: 10911
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.8 62.5
 148 68.4 31.4 94.0



#88
 1,4-Dichlorobenzene
 Concen: 2.850 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY001872.D
 Acq: 05 Mar 2020 11:38

Tgt Ion:146 Resp: 11323
 Ion Ratio Lower Upper
 146 100
 111 55.3 20.0 60.0
 148 68.0 31.5 94.5





#89

n-Butylbenzene

Concen: 2.655 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. -0.01 min

Lab File: VY001872.D

Acq: 05 Mar 2020 11:38

Instrument :

MSVOA_Y

ClientSampleId :

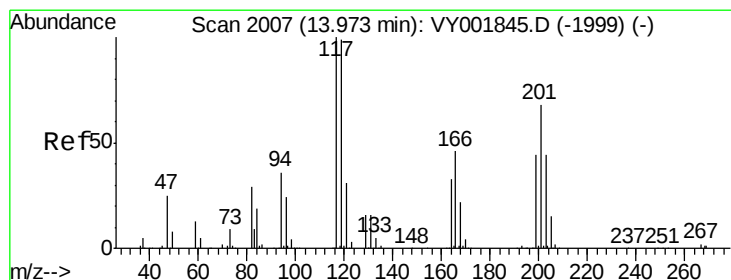
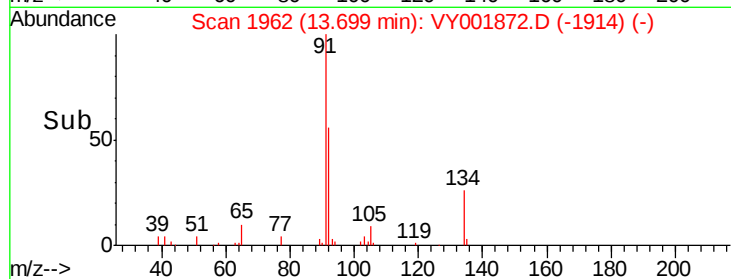
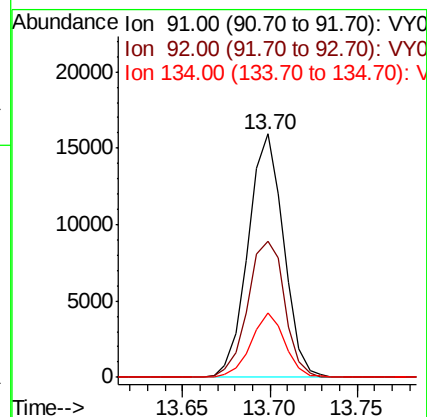
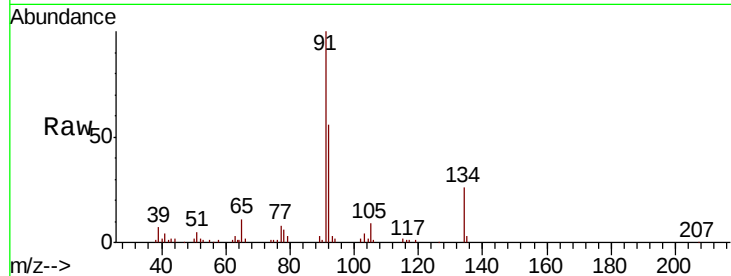
Tot Ion: 91 Resp: 22587

Ion Ratio Lower Upper

91 100

92 58.3 27.5 82.4

134 25.2 12.5 37.5



#90

Hexachloroethane

Concen: 2.508 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.01 min

Lab File: VY001872.D

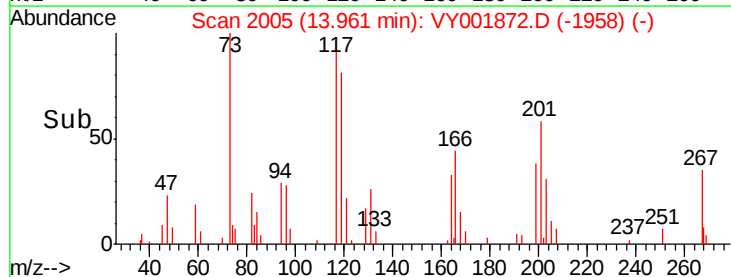
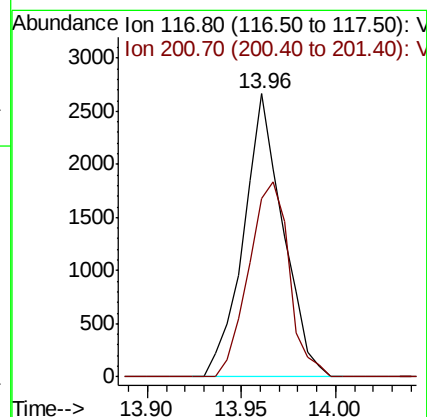
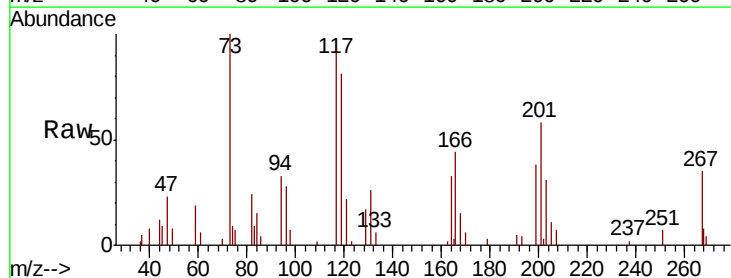
Acq: 05 Mar 2020 11:38

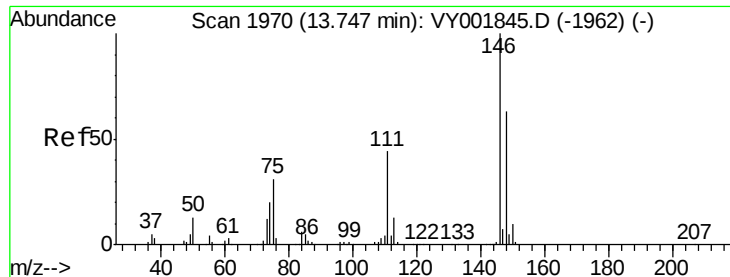
Tgt Ion: 117 Resp: 3879

Ion Ratio Lower Upper

117 100

201 70.4 32.5 97.5

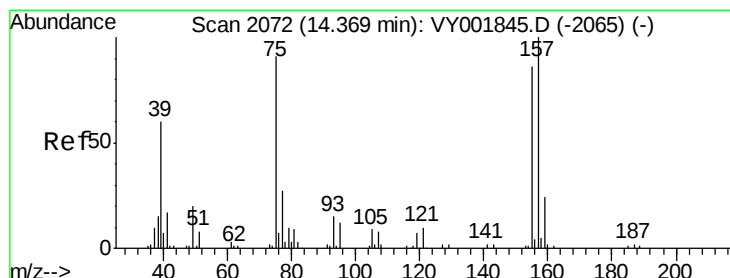
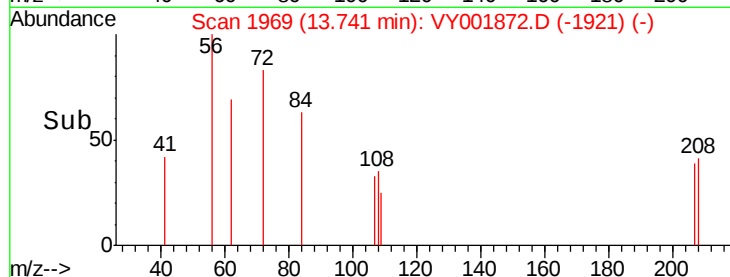
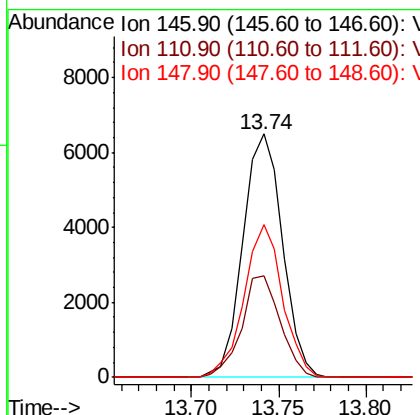
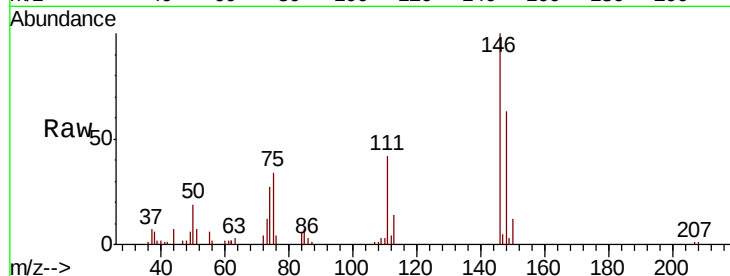




#91
 1,2-Dichlorobenzene
 Concen: 2.874 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: VY001872.D
 Acq: 05 Mar 2020 11:38

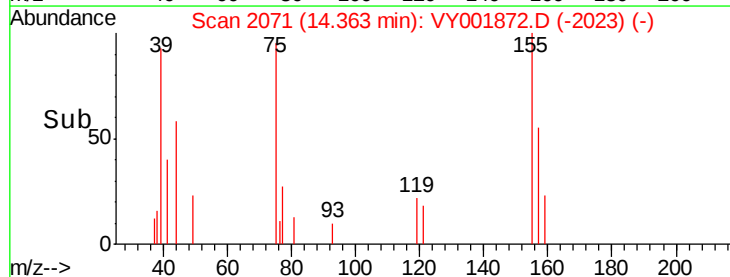
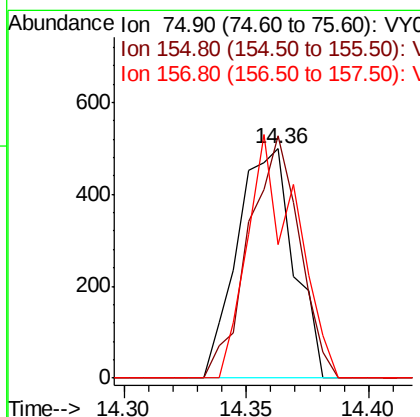
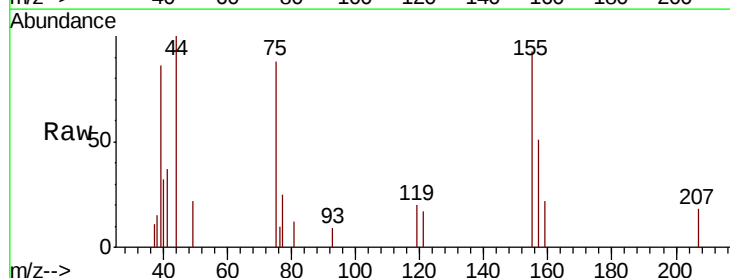
Instrument :
 MSVOA_Y
 ClientSampled :

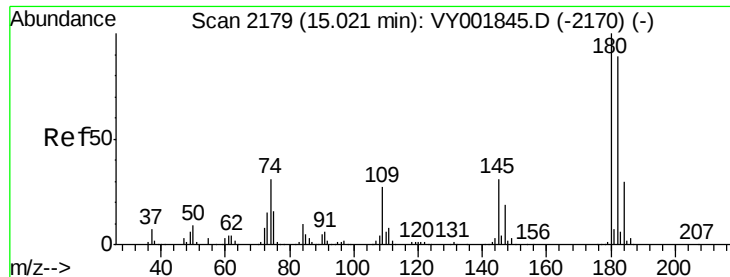
Tot Ion:146 Resp: 10223
 Ion Ratio Lower Upper
 146 100
 111 40.8 21.5 64.5
 148 60.9 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.521 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VY001872.D
 Acq: 05 Mar 2020 11:38

Tgt Ion: 75 Resp: 800
 Ion Ratio Lower Upper
 75 100
 155 94.9 42.9 128.7
 157 91.3 53.1 159.4

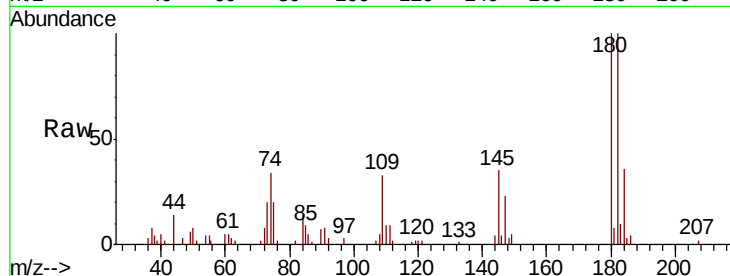




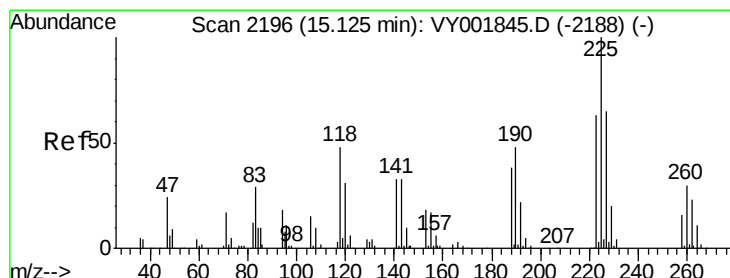
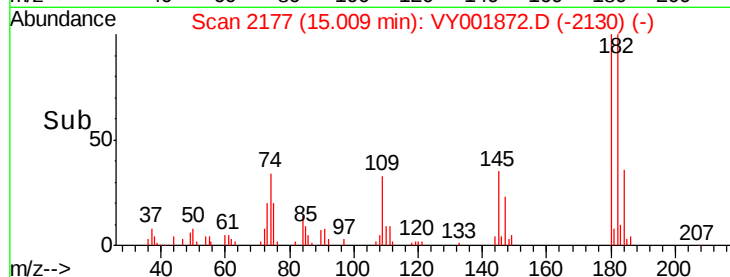
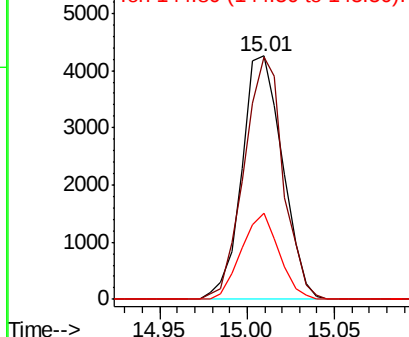
#93
1,2,4-Trichlorobenzene
Concen: 2.985 ug/l
RT: 15.01 min Scan# 2177
Delta R.T. -0.01 min
Lab File: VY001872.D
Acq: 05 Mar 2020 11:38

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	46.1	138.3
145	32.5	15.6	46.8

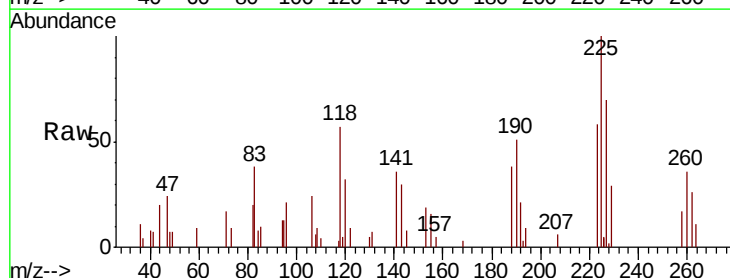


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

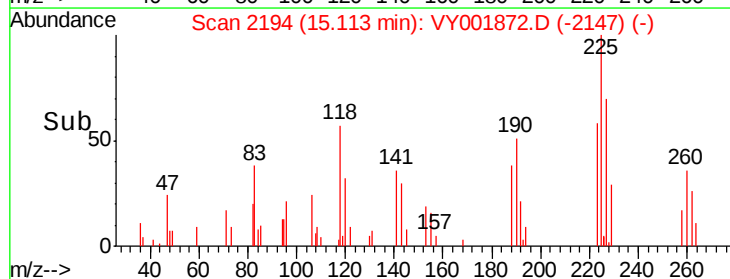
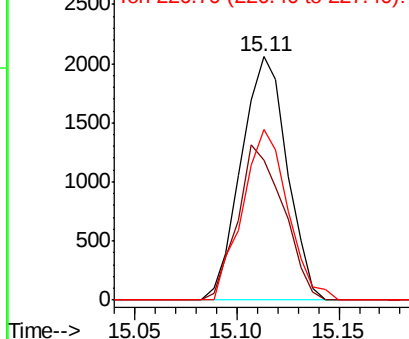


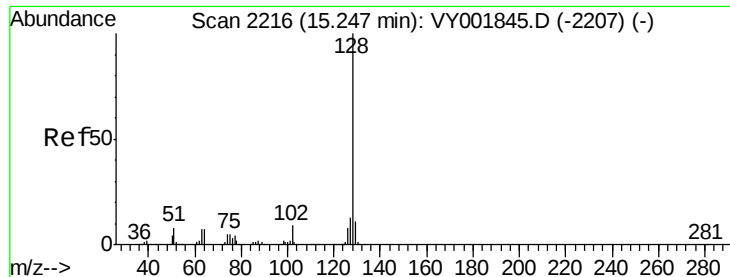
#94
Hexachlorobutadiene
Concen: 2.866 ug/l
RT: 15.11 min Scan# 2194
Delta R.T. -0.01 min
Lab File: VY001872.D
Acq: 05 Mar 2020 11:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	31.5	94.5
227	69.4	31.9	95.5



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 2.674 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY001872.D

Acq: 05 Mar 2020 11:38

Instrument :

MSVOA_Y

ClientSampleId :

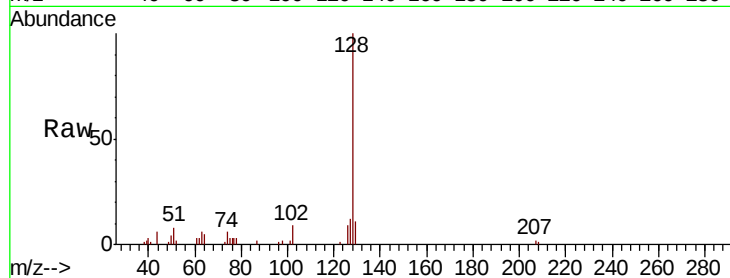
Tot Ion:128 Resp: 14634

Ion Ratio Lower Upper

128 100

127 13.0 10.1 15.1

129 10.6 8.6 13.0

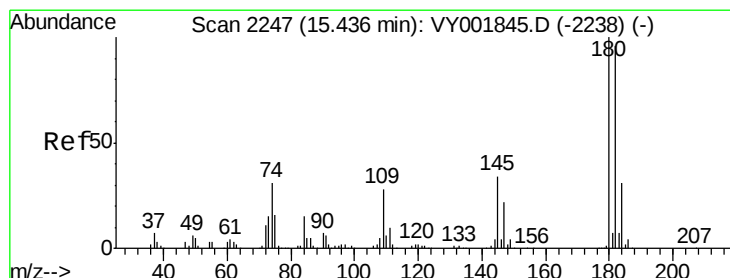
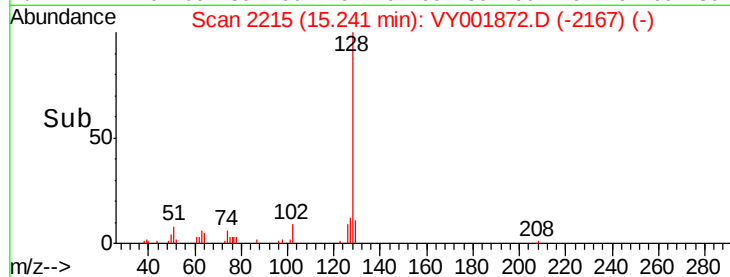
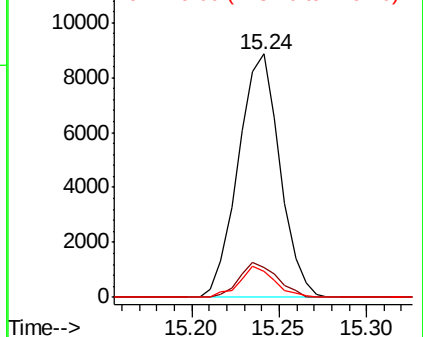


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 3.172 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. -0.01 min

Lab File: VY001872.D

Acq: 05 Mar 2020 11:38

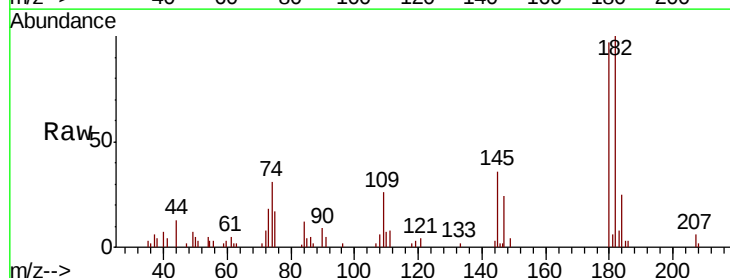
Tgt Ion:180 Resp: 6447

Ion Ratio Lower Upper

180 100

182 92.5 47.6 142.9

145 30.4 16.8 50.3



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

