

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030520\
 Data File : VY001871.D
 Acq On : 05 Mar 2020 11:16
 Operator : SY/MD
 Sample : VY0305SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 06 04:36:25 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	178132	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	318208	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	289787	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.42	152	135538	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	95392	50.16	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	100.32%	
35) Dibromofluoromethane	7.74	113	88400	50.88	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	101.76%	
50) Toluene-d8	10.19	98	374105	51.06	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.12%	
62) 4-Bromofluorobenzene	12.49	95	129432	50.80	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	30275	18.412	ug/l	96
3) Chloromethane	2.12	50	43527	19.634	ug/l	100
4) Vinyl Chloride	2.26	62	41492	18.400	ug/l	96
5) Bromomethane	2.65	94	28705	18.056	ug/l	95
6) Chloroethane	2.80	64	26923	19.007	ug/l	97
7) Trichlorofluoromethane	3.13	101	57454	18.787	ug/l	95
8) Diethyl Ether	3.54	74	23142	19.200	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.92	101	36902	18.761	ug/l	99
10) Methyl Iodide	4.10	142	40626	17.860	ug/l	98
11) Tert butyl alcohol	4.98	59	17942	74.842	ug/l	97
12) 1,1-Dichloroethene	3.88	96	37792	19.082	ug/l	97
13) Acrolein	3.75	56	27161	101.639	ug/l	97
14) Allyl chloride	4.49	41	66725	19.004	ug/l	99
15) Acrylonitrile	5.19	53	61672	95.753	ug/l	99
16) Acetone	3.96	43	50760	91.644	ug/l	100
17) Carbon Disulfide	4.21	76	122718	18.432	ug/l	100
18) Methyl Acetate	4.49	43	28456	19.995	ug/l	96
19) Methyl tert-butyl Ether	5.24	73	103601	19.303	ug/l	97
20) Methylene Chloride	4.74	84	46528	19.600	ug/l	96
21) trans-1,2-Dichloroethene	5.24	96	42146	18.749	ug/l	97
22) Diisopropyl ether	6.14	45	140845	19.570	ug/l	94
23) Vinyl Acetate	6.08	43	452805	95.971	ug/l	98
24) 1,1-Dichloroethane	6.04	63	73914	18.965	ug/l	98
25) 2-Butanone	7.00	43	79276	94.118	ug/l	96
26) 2,2-Dichloropropane	7.00	77	59766	18.683	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	46491	19.013	ug/l	99
28) Bromochloromethane	7.35	49	35109	19.985	ug/l	99
29) Tetrahydrofuran	7.36	42	53469	95.592	ug/l	99
30) Chloroform	7.52	83	70305	19.200	ug/l	100
31) Cyclohexane	7.80	56	77258	18.488	ug/l	97
32) 1,1,1-Trichloroethane	7.72	97	58726	19.028	ug/l	97
36) 1,1-Dichloropropene	7.93	75	57801	18.876	ug/l	98
37) Ethyl Acetate	7.09	43	34306	19.276	ug/l	99
38) Carbon Tetrachloride	7.91	117	49434	18.898	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	77121	18.989	ug/l	96
40) Benzene	8.17	78	174386	19.214	ug/l	98
41) Methacrylonitrile	7.36	41	47484	59.285	ug/l #	1
42) 1,2-Dichloroethane	8.25	62	45756	19.564	ug/l	99
43) Isopropyl Acetate	8.28	43	65557	19.456	ug/l	99
44) Trichloroethene	8.95	130	41404	18.731	ug/l	99
45) 1,2-Dichloropropane	9.22	63	44283	19.409	ug/l	94
46) Dibromomethane	9.32	93	22864	19.446	ug/l	99
47) Bromodichloromethane	9.50	83	52806	19.307	ug/l	99
48) Methyl methacrylate	9.30	41	30161	20.173	ug/l	99
49) 1,4-Dioxane	9.31	88	6615	410.595	ug/l	96
51) 4-Methyl-2-Pentanone	10.08	43	167831	96.703	ug/l	100
52) Toluene	10.25	92	107731	19.539	ug/l	97
53) t-1,3-Dichloropropene	10.47	75	58134	19.510	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	67591	19.054	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	32731	19.022	ug/l	97
56) Ethyl methacrylate	10.51	69	48936	19.403	ug/l	96
57) 1,3-Dichloropropane	10.80	76	58893	19.201	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	133183	136.456	ug/l	100
59) 2-Hexanone	10.83	43	120265	97.086	ug/l	100
60) Dibromochloromethane	10.99	129	34549	19.055	ug/l	99
61) 1,2-Dibromoethane	11.09	107	31195	19.139	ug/l	98
64) Tetrachloroethene	10.72	164	35054	19.289	ug/l	91
65) Chlorobenzene	11.52	112	108679	18.822	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	35392	18.691	ug/l	99
67) Ethyl Benzene	11.60	91	203688	18.915	ug/l	98
68) m/p-Xylenes	11.70	106	153386	38.527	ug/l	99
69) o-Xylene	12.03	106	71702	19.108	ug/l	97
70) Styrene	12.05	104	123375	19.196	ug/l	99
71) Bromoform	12.21	173	19164	18.662	ug/l #	99
73) Isopropylbenzene	12.33	105	190992	18.459	ug/l	99
74) N-amyl acetate	12.14	43	60719	19.094	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	42673	19.125	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	53499	33.265	ug/l #	100
77) Bromobenzene	12.61	156	41446	18.907	ug/l	100
78) n-propylbenzene	12.67	91	235998	18.488	ug/l	99
79) 2-Chlorotoluene	12.76	91	131900	18.703	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	159164	18.686	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	14258	17.908	ug/l	93
82) 4-Chlorotoluene	12.86	91	137726	18.757	ug/l	99
83) tert-Butylbenzene	13.08	119	131298	18.559	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	160642	19.004	ug/l	99
85) sec-Butylbenzene	13.25	105	194965	18.696	ug/l	100
86) p-Isopropyltoluene	13.37	119	170700	18.976	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	81935	19.074	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	82390	18.906	ug/l	99
89) n-Butylbenzene	13.70	91	176657	18.929	ug/l	99
90) Hexachloroethane	13.96	117	30168	17.777	ug/l	96
91) 1,2-Dichlorobenzene	13.74	146	73967	18.953	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	6345	18.224	ug/l	99

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Quant Title : SW846 8260
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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	48492	19.160	ug/l	98
94) Hexachlorobutadiene	15.11	225	23512	19.055	ug/l	99
95) Naphthalene	15.24	128	112731	18.779	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	43232	19.391	ug/l	98

(#) = 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: VY001871.D

Acq: 05 Mar 2020 11:16

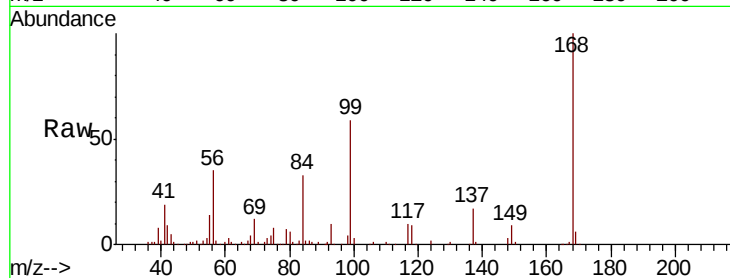
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 178132

Ion Ratio Lower Upper

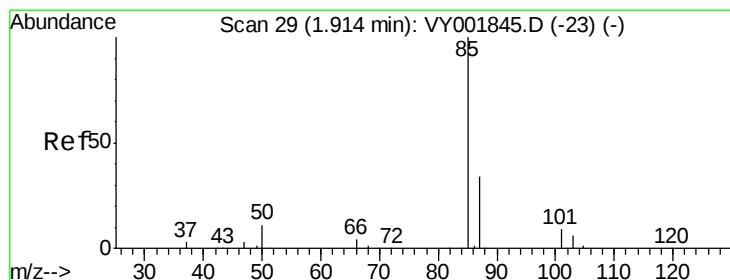
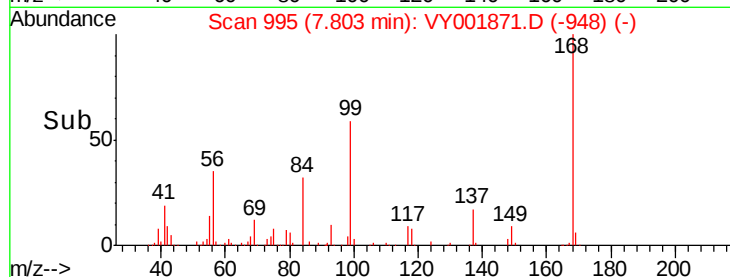
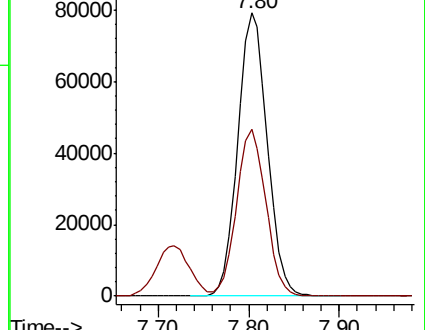
168 100

99 59.0 46.7 70.1



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

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)



#2

Dichlorodifluoromethane

Concen: 18.412 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.01 min

Lab File: VY001871.D

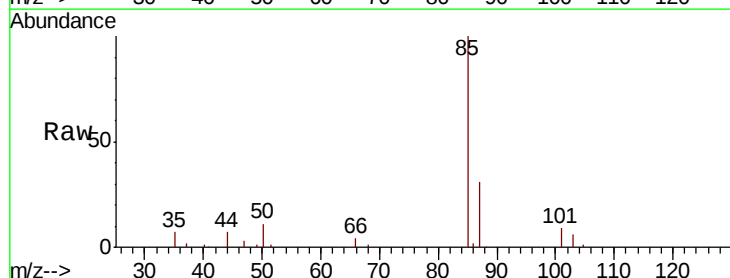
Acq: 05 Mar 2020 11:16

Tgt Ion: 85 Resp: 30275

Ion Ratio Lower Upper

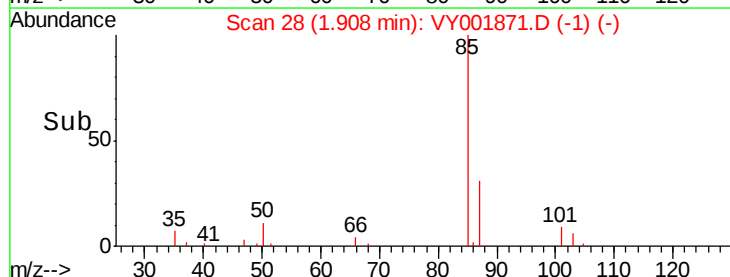
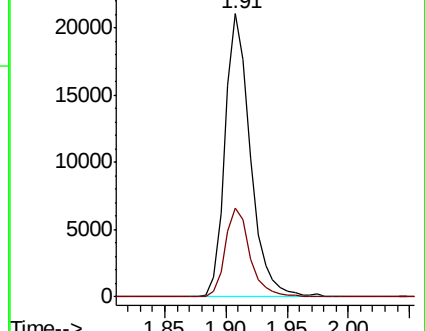
85 100

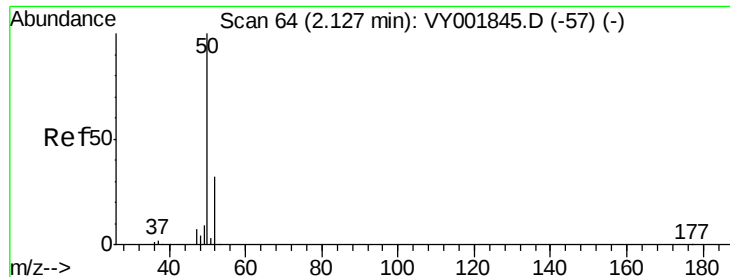
87 31.3 16.8 50.4



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

Ion 86.90 (86.60 to 87.60): VY001845.D (-23) (-)





#3

Chloromethane

Concen: 19.634 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.01 min

Lab File: VY001871.D

Acq: 05 Mar 2020 11:16

Instrument :

MSVOA_Y

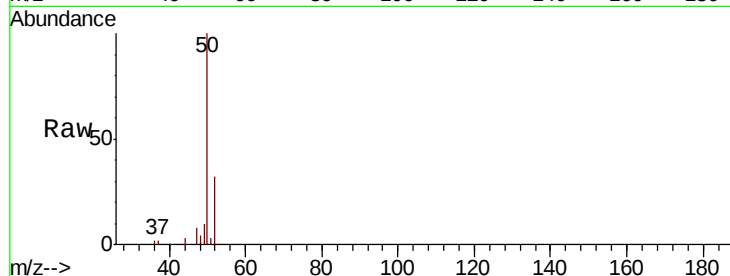
ClientSampleId :

Tot Ion: 50 Resp: 43527

Ion Ratio Lower Upper

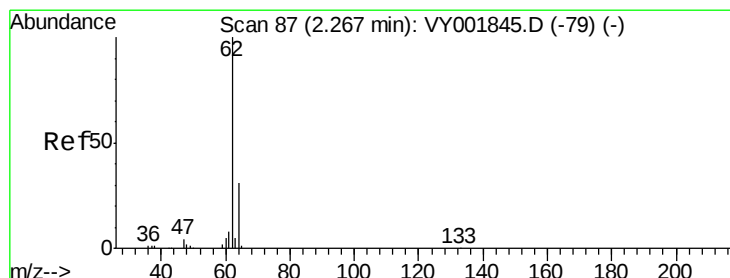
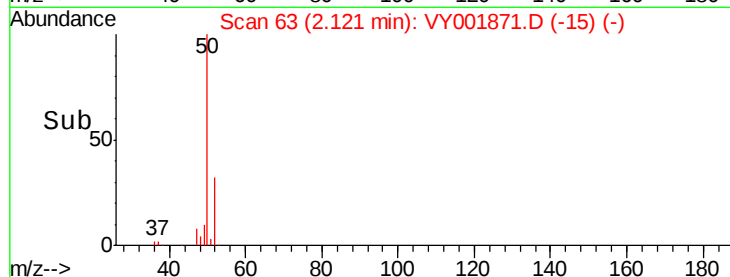
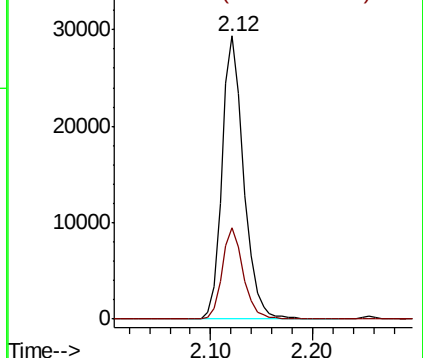
50 100

52 32.1 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: 18.400 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY001871.D

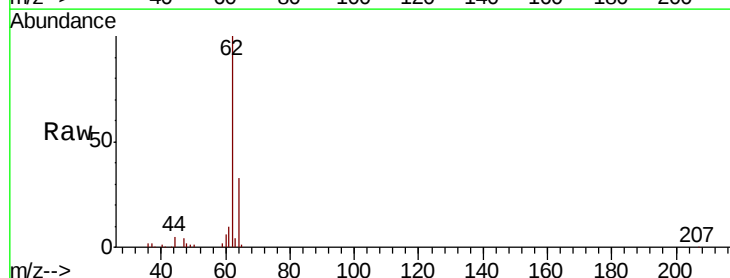
Acq: 05 Mar 2020 11:16

Tgt Ion: 62 Resp: 41492

Ion Ratio Lower Upper

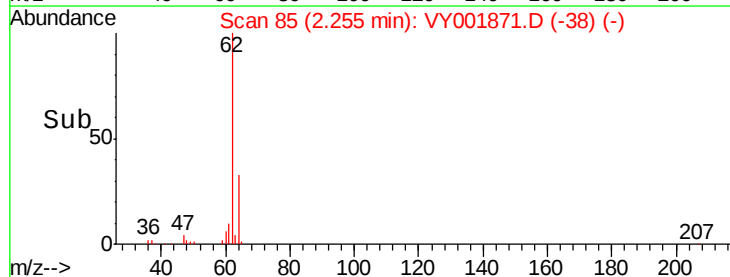
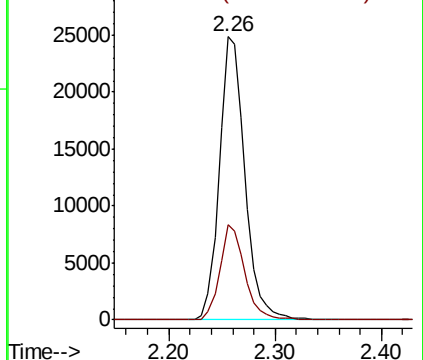
62 100

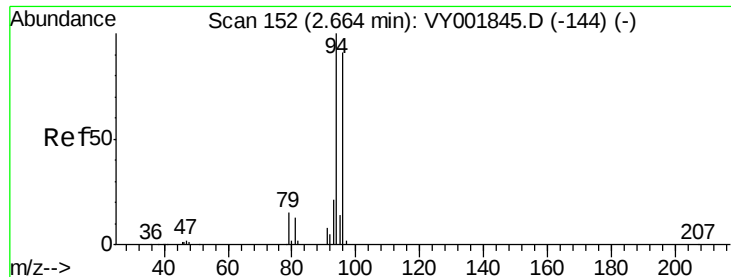
64 33.5 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 18.056 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.02 min

Lab File: VY001871.D

Acq: 05 Mar 2020 11:16

Instrument :

MSVOA_Y

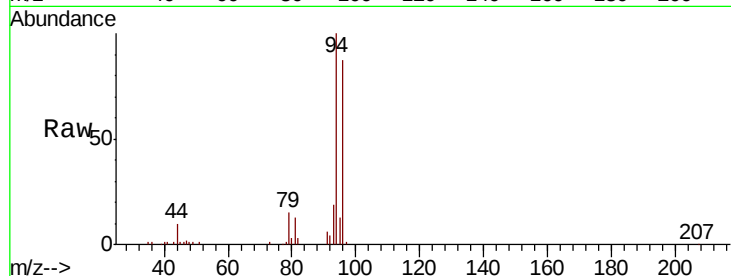
ClientSampled :

Tot Ion: 94 Resp: 28705

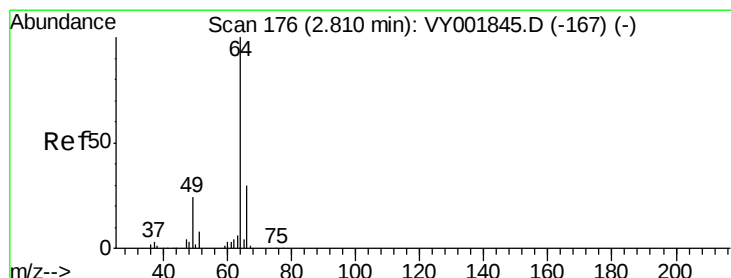
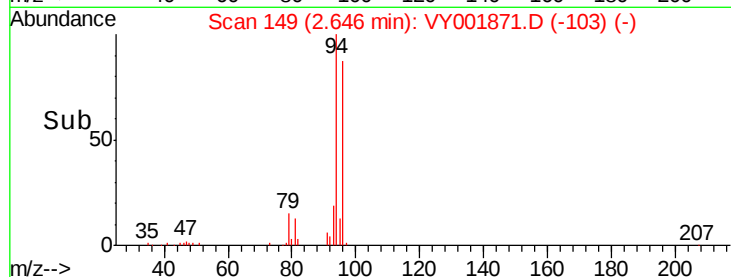
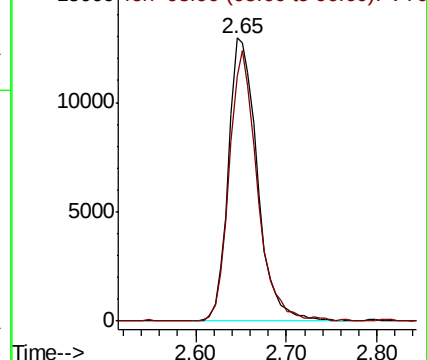
Ion Ratio Lower Upper

94 100

96 86.6 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: 19.007 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.01 min

Lab File: VY001871.D

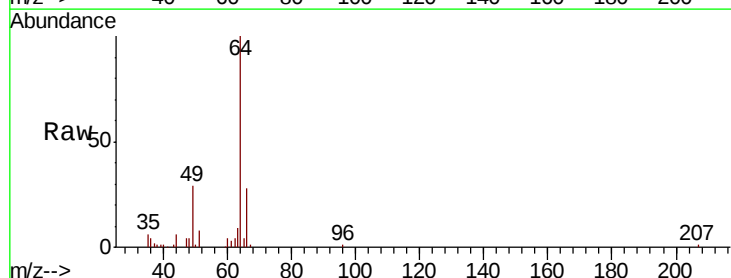
Acq: 05 Mar 2020 11:16

Tgt Ion: 64 Resp: 26923

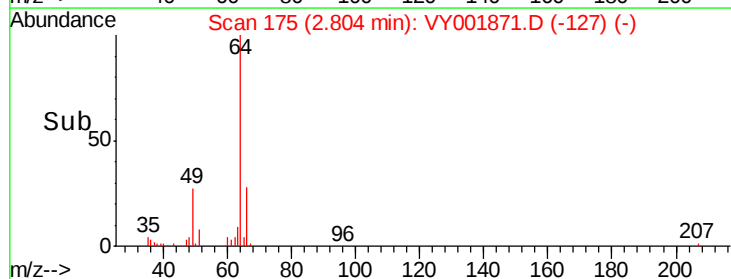
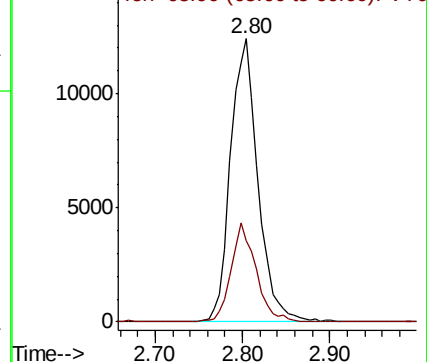
Ion Ratio Lower Upper

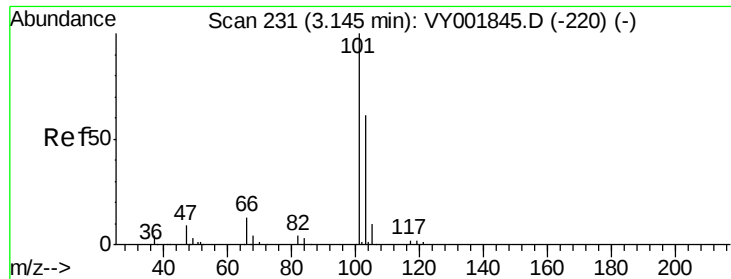
64 100

66 28.4 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VY0
Ion 65.90 (65.60 to 66.60): VY0



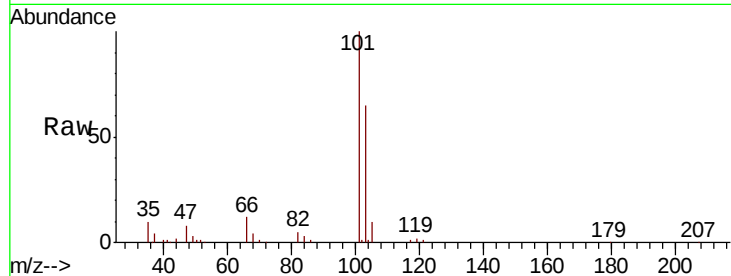


#7

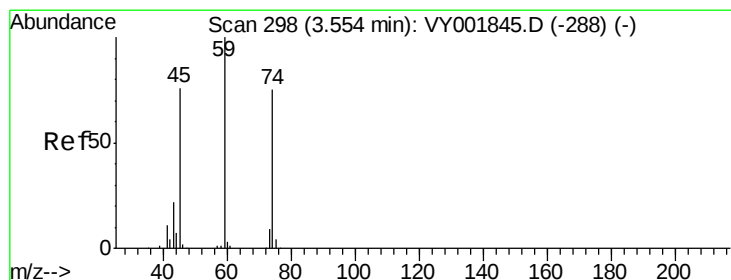
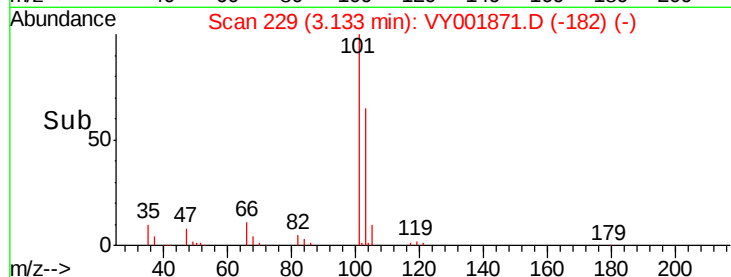
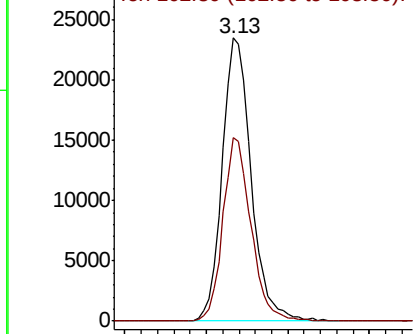
Trichlorofluoromethane
 Concen: 18.787 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VY001871.D
 Acq: 05 Mar 2020 11:16

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion:101 Resp: 57454
 Ion Ratio Lower Upper
 101 100
 103 64.9 49.1 73.7



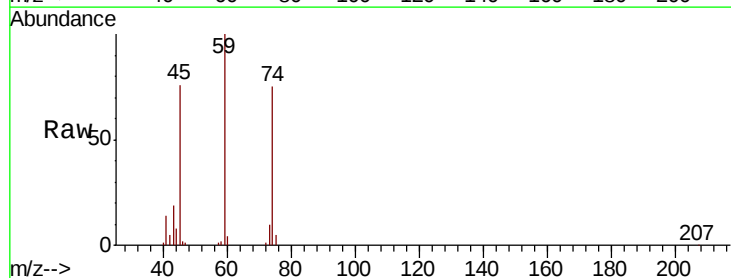
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



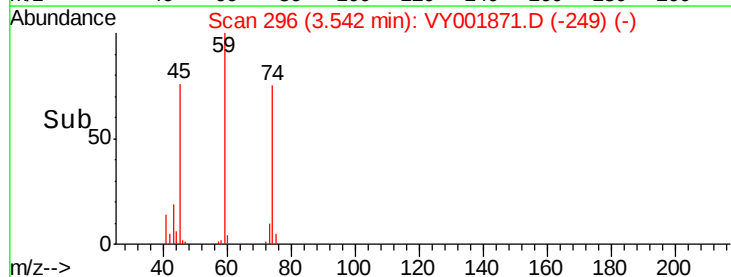
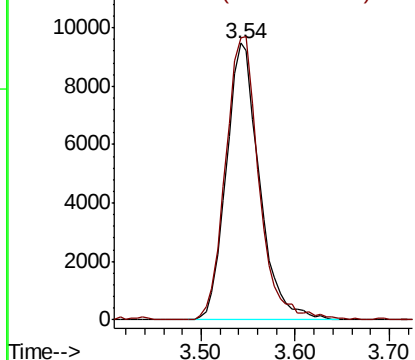
#8

Diethyl Ether
 Concen: 19.200 ug/l
 RT: 3.54 min Scan# 296
 Delta R.T. -0.01 min
 Lab File: VY001871.D
 Acq: 05 Mar 2020 11:16

Tgt Ion: 74 Resp: 23142
 Ion Ratio Lower Upper
 74 100
 45 103.6 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: 18.761 ug/l

RT: 3.92 min Scan# 358

Delta R.T. -0.01 min

Lab File: VY001871.D

Acq: 05 Mar 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

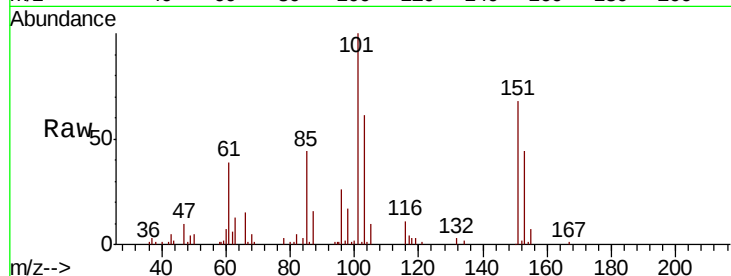
Tot Ion:101 Resp: 36902

Ion Ratio Lower Upper

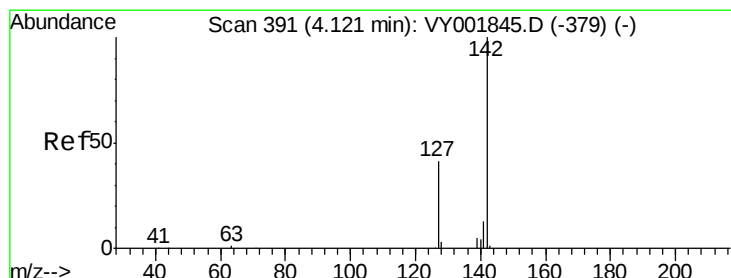
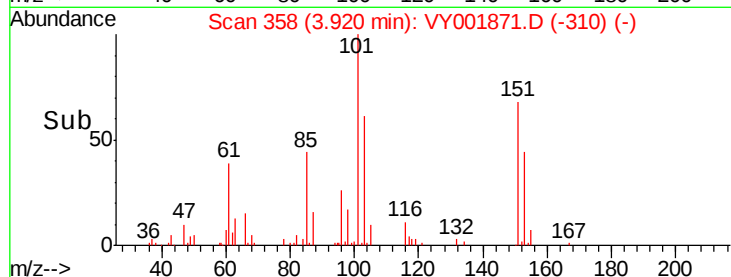
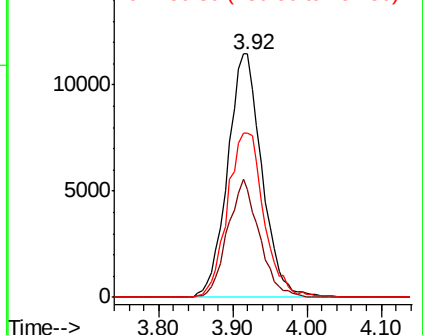
101 100

85 44.8 35.3 52.9

151 71.7 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: 17.860 ug/l

RT: 4.10 min Scan# 388

Delta R.T. -0.02 min

Lab File: VY001871.D

Acq: 05 Mar 2020 11:16

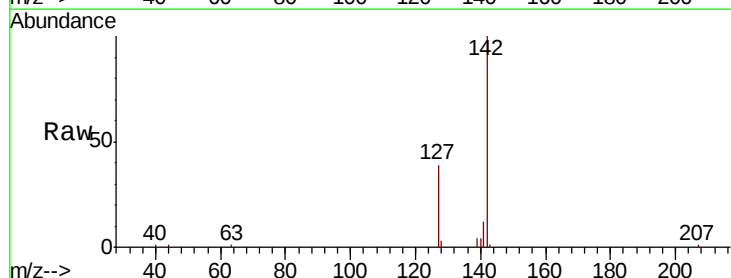
Tgt Ion:142 Resp: 40626

Ion Ratio Lower Upper

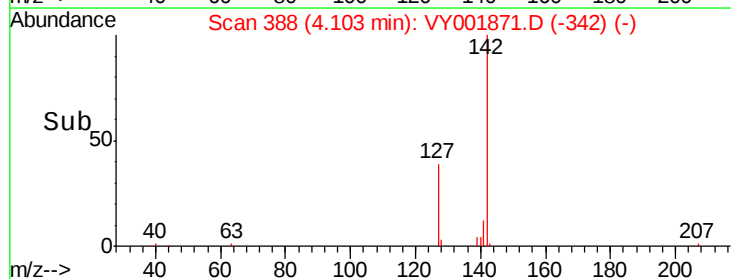
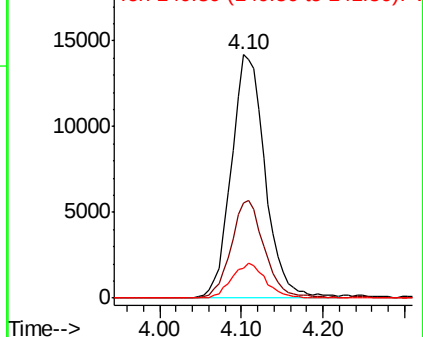
142 100

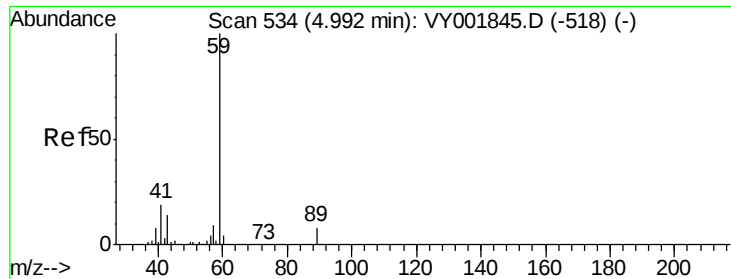
127 39.5 32.7 49.1

141 14.3 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

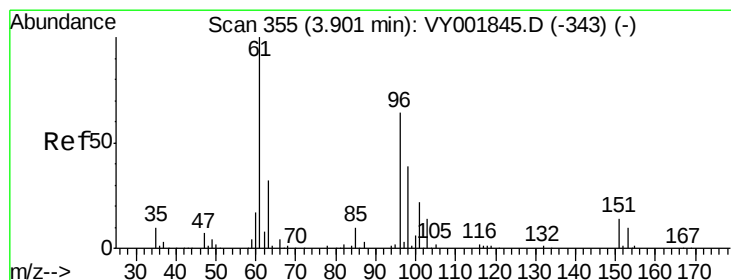
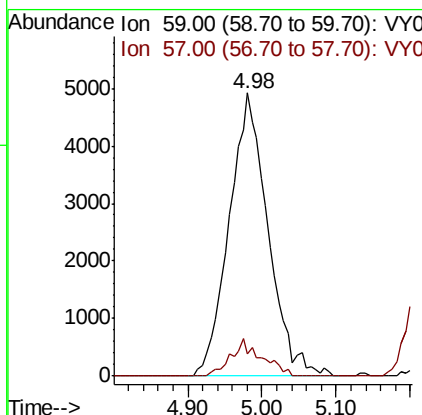
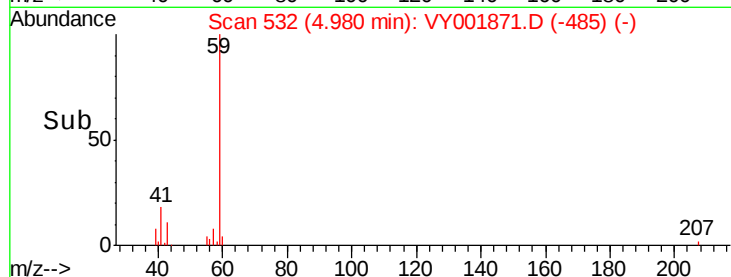
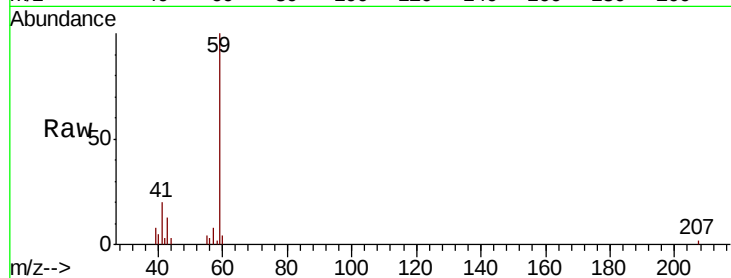




#11
Tert butyl alcohol
Concen: 74.842 ug/l
RT: 4.98 min Scan# 532
Delta R.T. -0.01 min
Lab File: VY001871.D
Acq: 05 Mar 2020 11:16

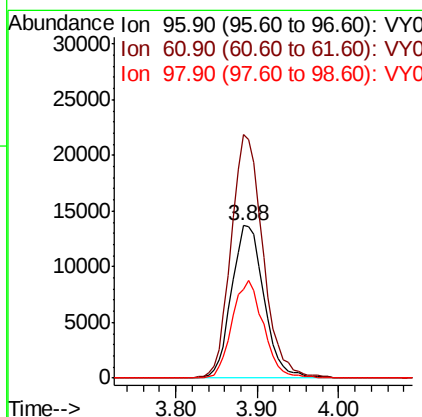
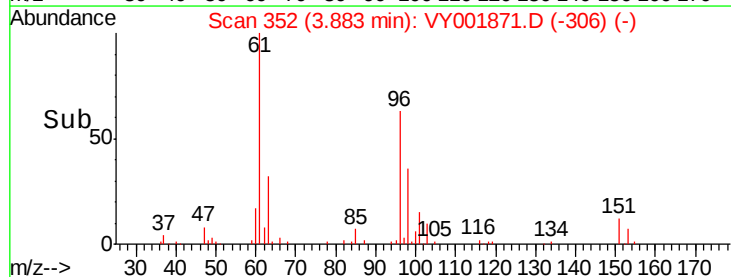
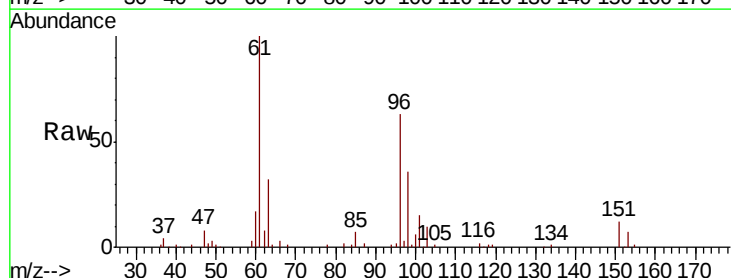
Instrument :
MSVOA_Y
ClientSampled :

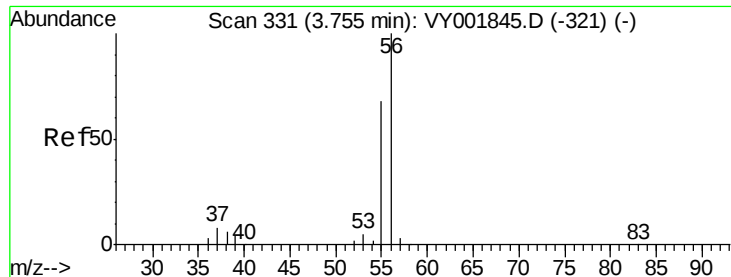
Tot Ion: 59 Resp: 17942
Ion Ratio Lower Upper
59 100
57 10.2 7.4 11.2



#12
1,1-Dichloroethene
Concen: 19.082 ug/l
RT: 3.88 min Scan# 352
Delta R.T. -0.02 min
Lab File: VY001871.D
Acq: 05 Mar 2020 11:16

Tgt Ion: 96 Resp: 37792
Ion Ratio Lower Upper
96 100
61 159.8 124.8 187.2
98 57.9 49.2 73.8





#13

Acrolein

Concen: 101.639 ug/l

RT: 3.75 min Scan# 330

Delta R.T. -0.01 min

Lab File: VY001871.D

Acq: 05 Mar 2020 11:16

Instrument :

MSVOA_Y

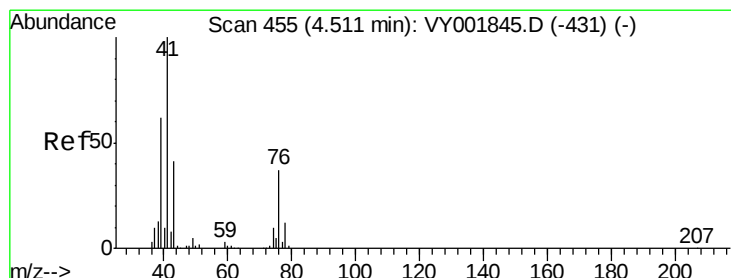
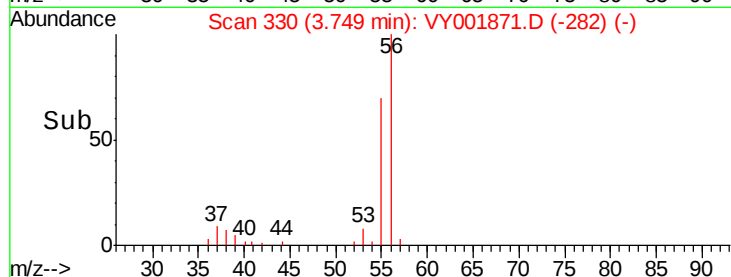
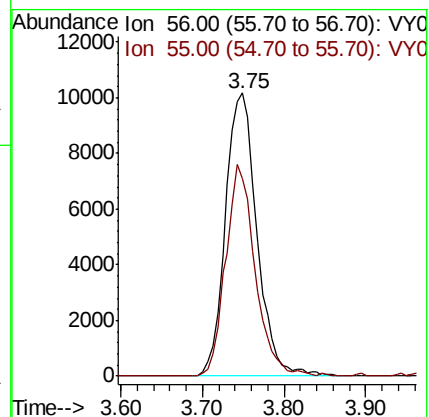
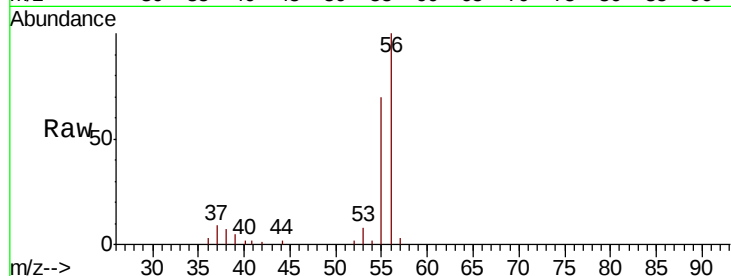
ClientSampleId :

Tot Ion: 56 Resp: 27161

Ion Ratio Lower Upper

56 100

55 70.0 54.0 81.0



#14

Allyl chloride

Concen: 19.004 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.02 min

Lab File: VY001871.D

Acq: 05 Mar 2020 11:16

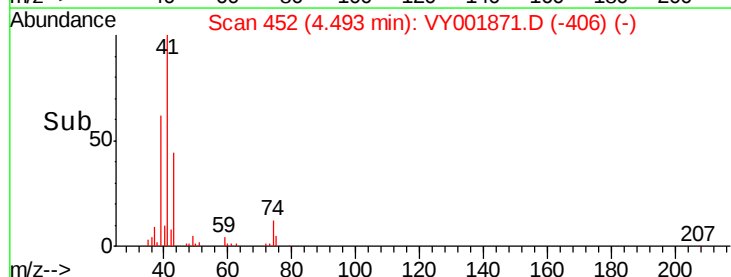
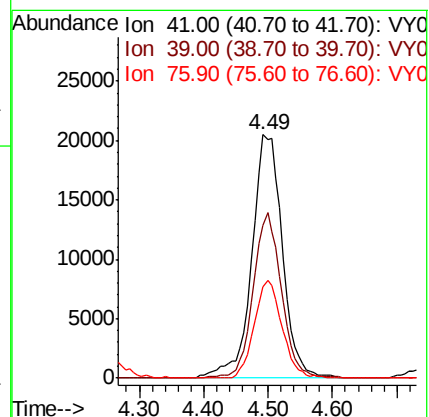
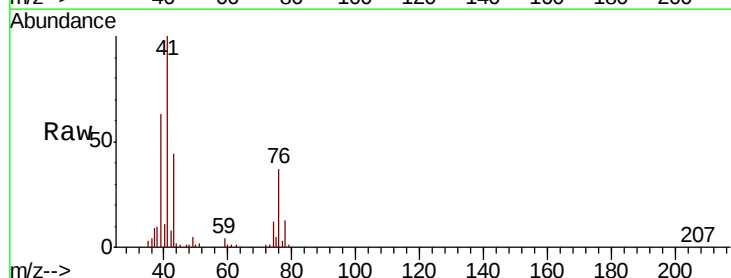
Tgt Ion: 41 Resp: 66725

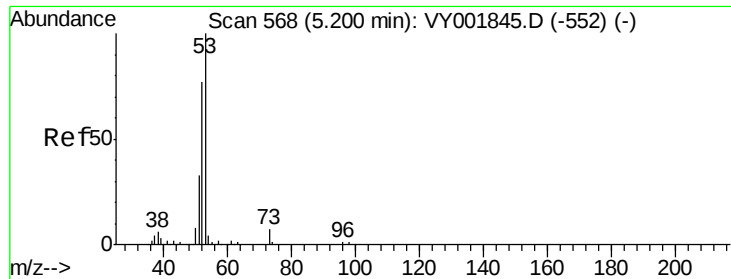
Ion Ratio Lower Upper

41 100

39 62.8 49.0 73.6

76 36.2 28.9 43.3





#15

Acrylonitrile

Concen: 95.753 ug/l

RT: 5.19 min Scan# 566

Delta R.T. -0.01 min

Lab File: VY001871.D

Acq: 05 Mar 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

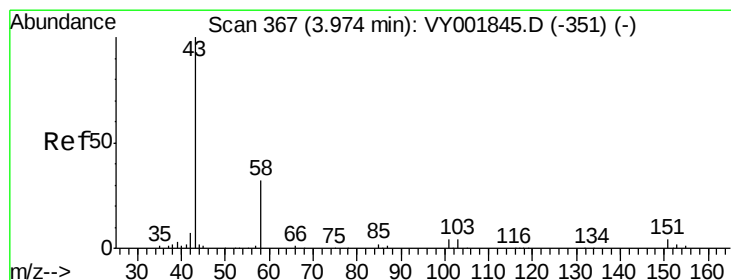
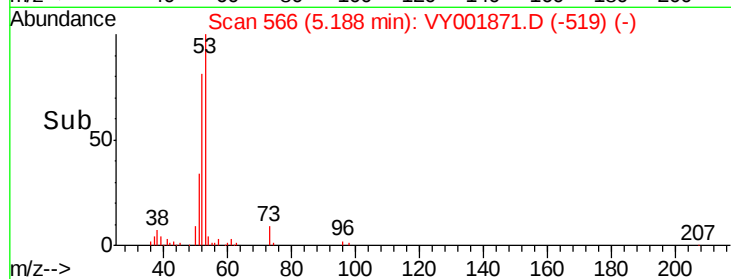
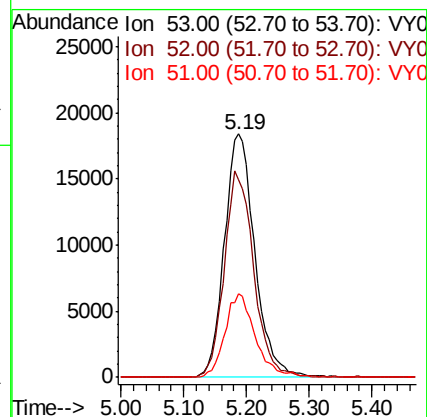
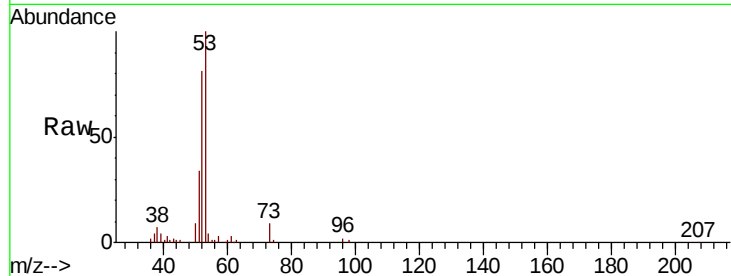
Tot Ion: 53 Resp: 61672

Ion Ratio Lower Upper

53 100

52 82.0 65.1 97.7

51 34.3 27.5 41.3



#16

Acetone

Concen: 91.644 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.01 min

Lab File: VY001871.D

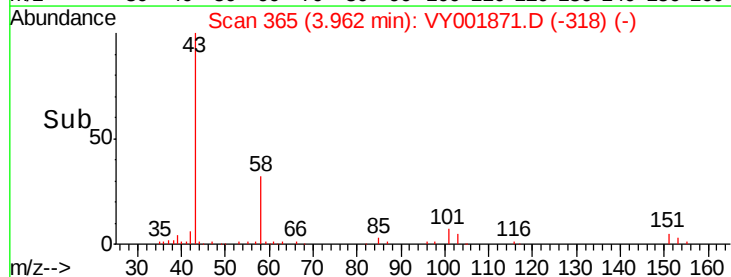
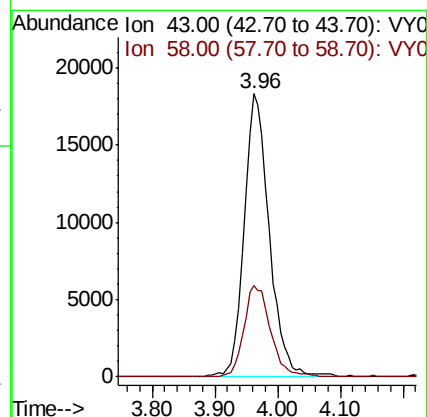
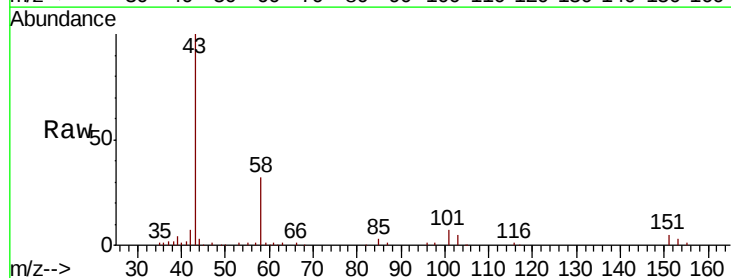
Acq: 05 Mar 2020 11:16

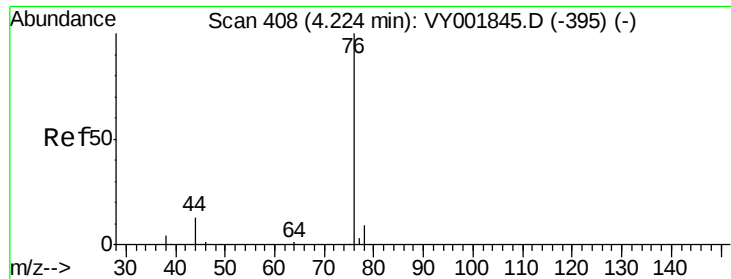
Tgt Ion: 43 Resp: 50760

Ion Ratio Lower Upper

43 100

58 32.4 25.9 38.9

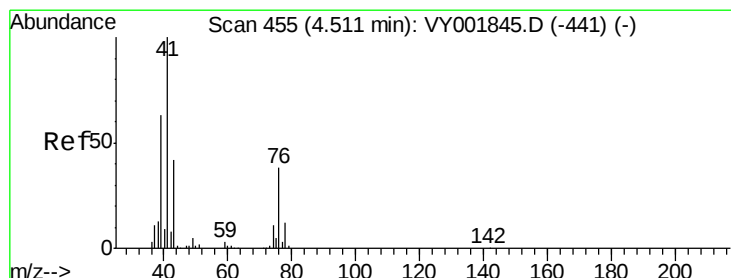
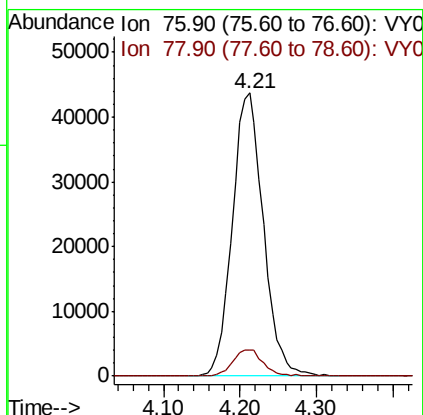
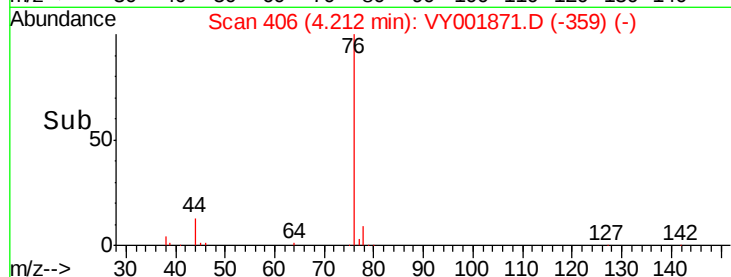
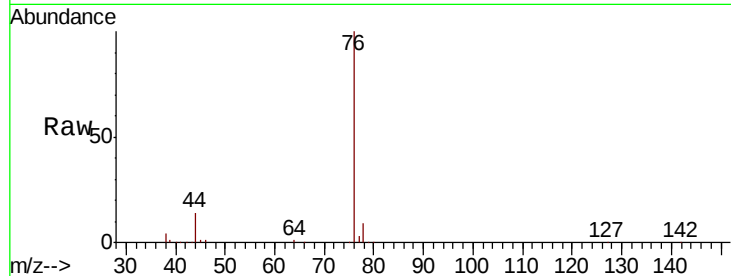




#17
Carbon Disulfide
Concen: 18.432 ug/l
RT: 4.21 min Scan# 406
Delta R.T. -0.01 min
Lab File: VY001871.D
Acq: 05 Mar 2020 11:16

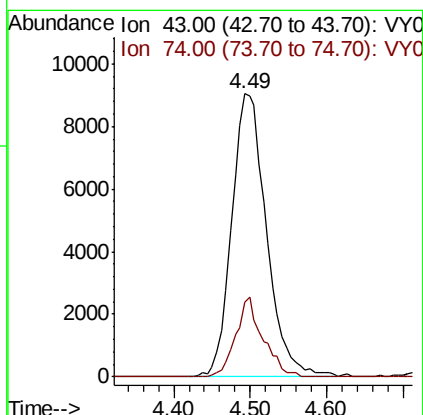
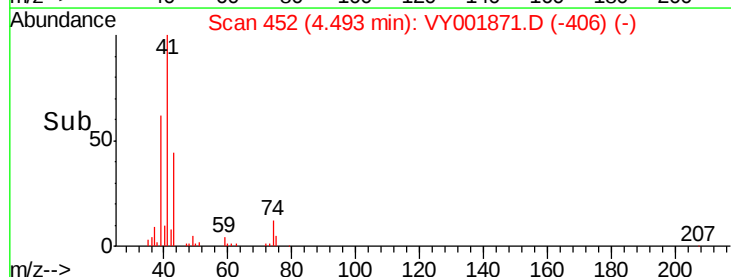
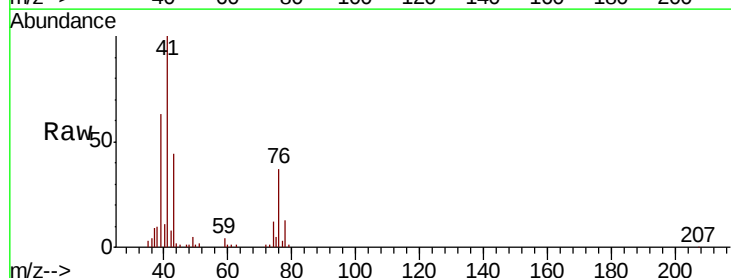
Instrument :
MSVOA_Y
ClientSampleId :

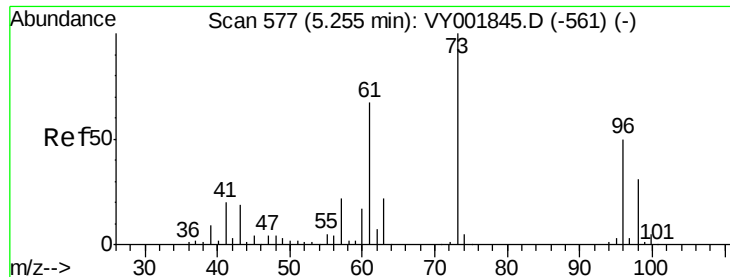
Tot Ion: 76 Resp: 122718
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2



#18
Methyl Acetate
Concen: 19.995 ug/l
RT: 4.49 min Scan# 452
Delta R.T. -0.02 min
Lab File: VY001871.D
Acq: 05 Mar 2020 11:16

Tgt Ion: 43 Resp: 28456
Ion Ratio Lower Upper
43 100
74 22.0 19.0 28.6

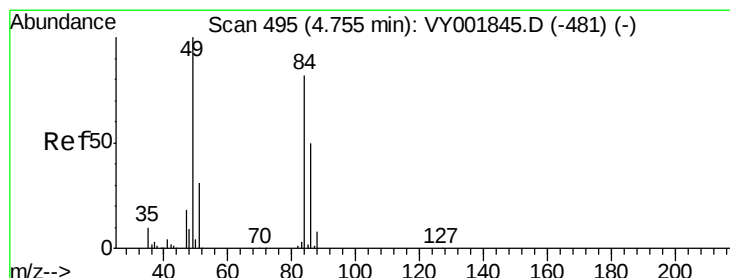
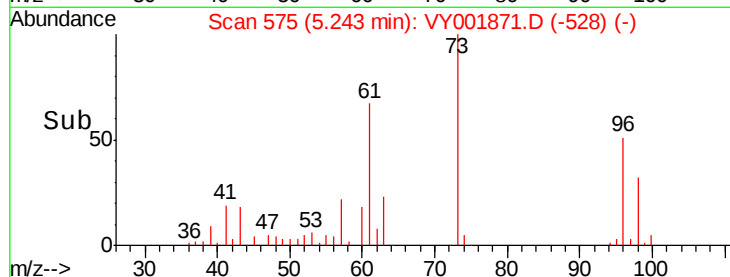
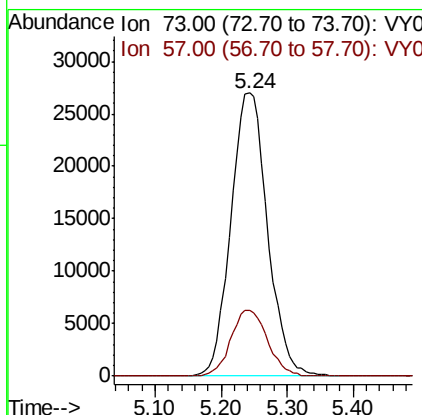
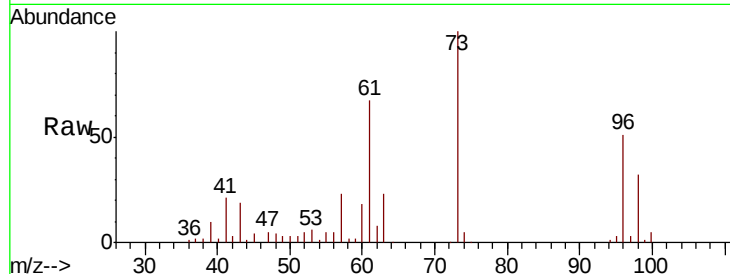




#19
Methyl tert-butyl Ether
Concen: 19.303 ug/l
RT: 5.24 min Scan# 575
Delta R.T. -0.01 min
Lab File: VY001871.D
Acq: 05 Mar 2020 11:16

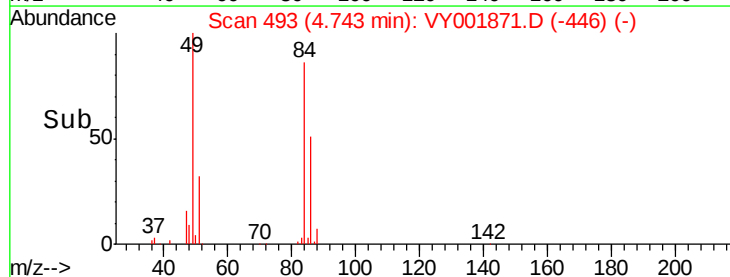
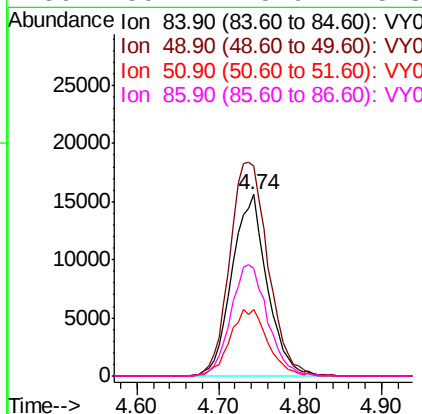
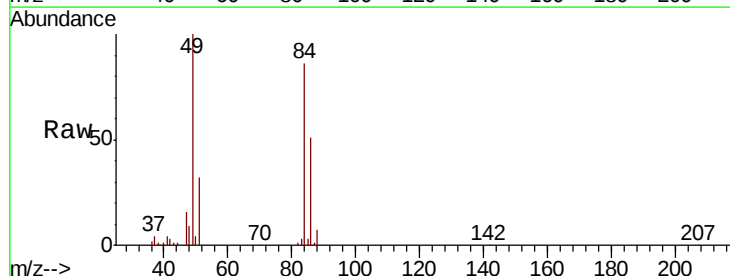
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 73 Resp: 103601
Ion Ratio Lower Upper
73 100
57 23.4 17.4 26.2



#20
Methylene Chloride
Concen: 19.600 ug/l
RT: 4.74 min Scan# 493
Delta R.T. -0.01 min
Lab File: VY001871.D
Acq: 05 Mar 2020 11:16

Tgt Ion: 84 Resp: 46528
Ion Ratio Lower Upper
84 100
49 115.9 98.2 147.2
51 36.5 30.2 45.2
86 59.1 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 18.749 ug/l

RT: 5.24 min Scan# 575

Delta R.T. -0.01 min

Lab File: VY001871.D

Acq: 05 Mar 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

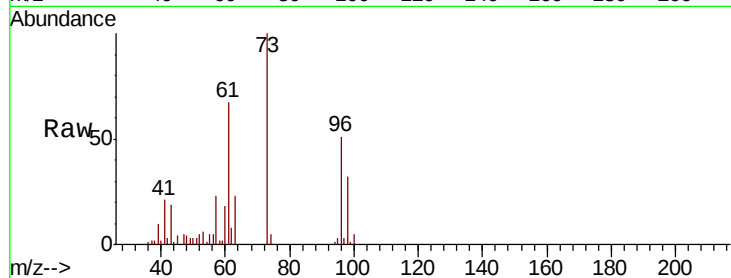
Tot Ion: 96 Resp: 42146

Ion Ratio Lower Upper

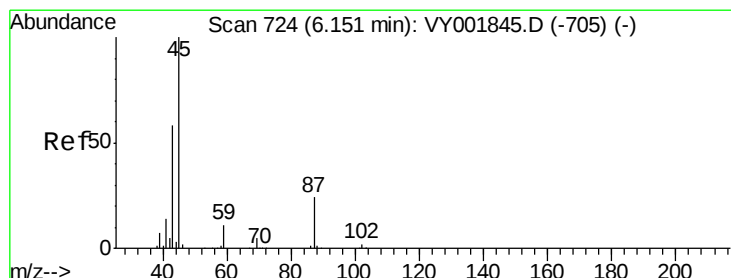
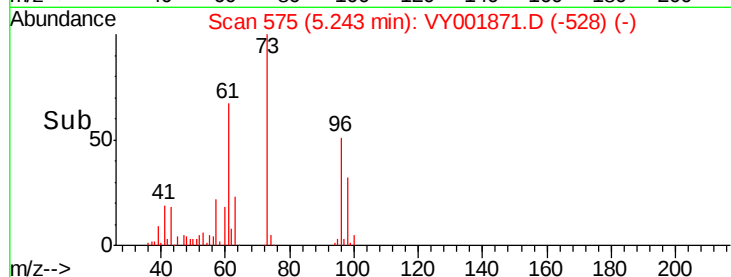
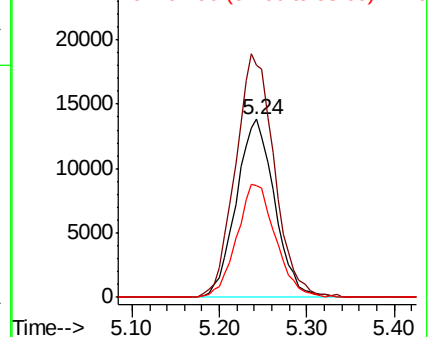
96 100

61 130.0 107.7 161.5

98 62.8 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: 19.570 ug/l

RT: 6.14 min Scan# 723

Delta R.T. -0.01 min

Lab File: VY001871.D

Acq: 05 Mar 2020 11:16

Tgt Ion: 45 Resp: 140845

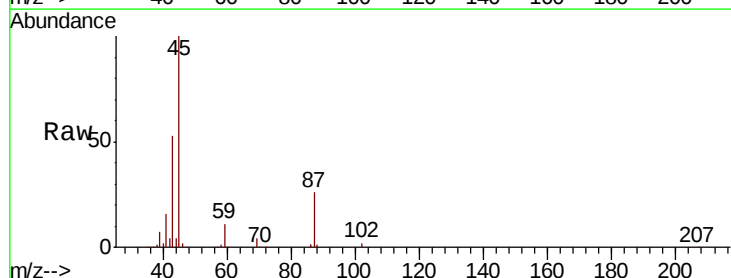
Ion Ratio Lower Upper

45 100

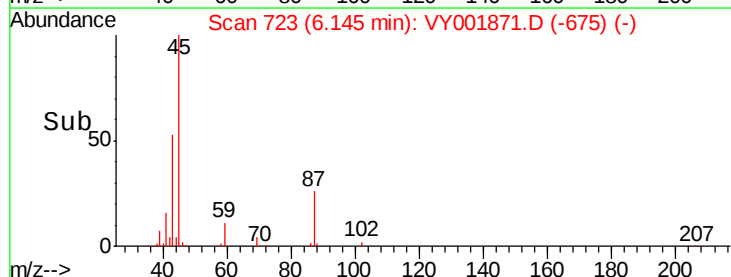
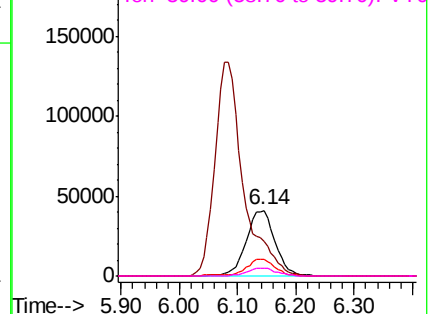
43 52.6 47.2 70.8

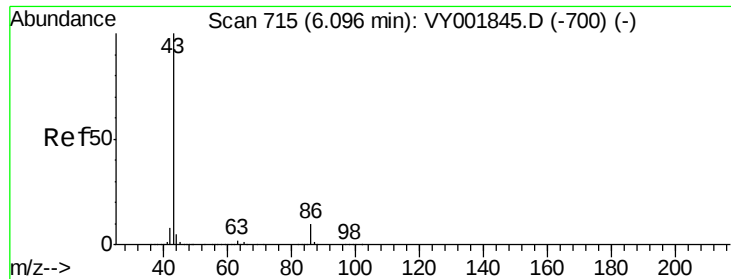
87 25.9 19.8 29.8

59 11.3 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: 95.971 ug/l

RT: 6.08 min Scan# 712

Delta R.T. -0.02 min

Lab File: VY001871.D

Acq: 05 Mar 2020 11:16

Instrument :

MSVOA_Y

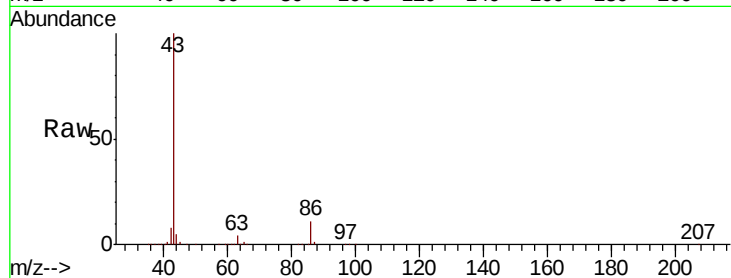
ClientSampled :

Tot Ion: 43 Resp: 452805

Ion Ratio Lower Upper

43 100

86 10.6 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.08

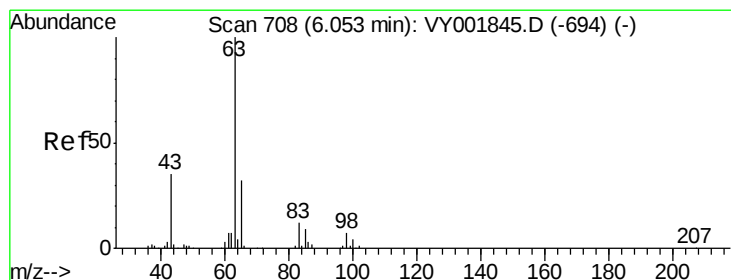
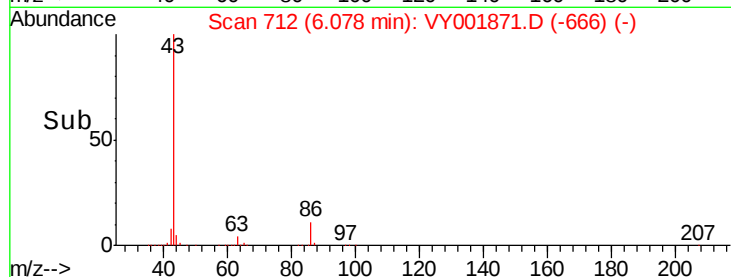
150000

100000

50000

0

Time--> 5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 18.965 ug/l

RT: 6.04 min Scan# 705

Delta R.T. -0.02 min

Lab File: VY001871.D

Acq: 05 Mar 2020 11:16

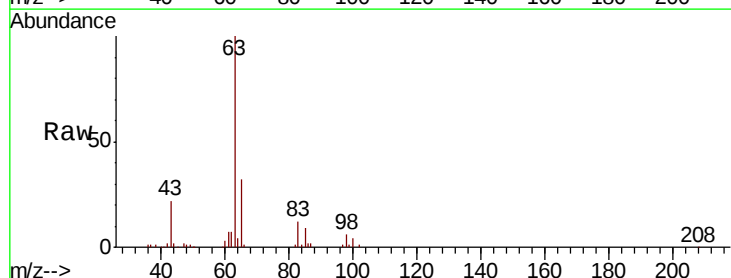
Tgt Ion: 63 Resp: 73914

Ion Ratio Lower Upper

63 100

98 5.7 3.4 10.2

100 4.0 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

6.04

30000

25000

20000

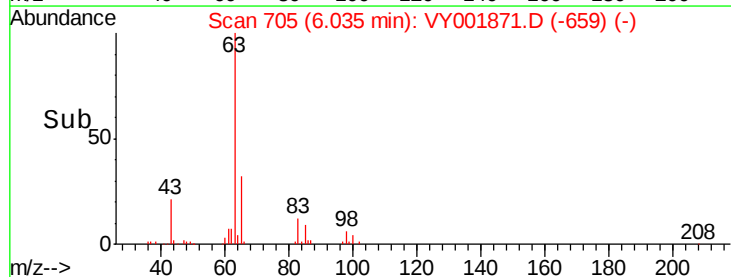
15000

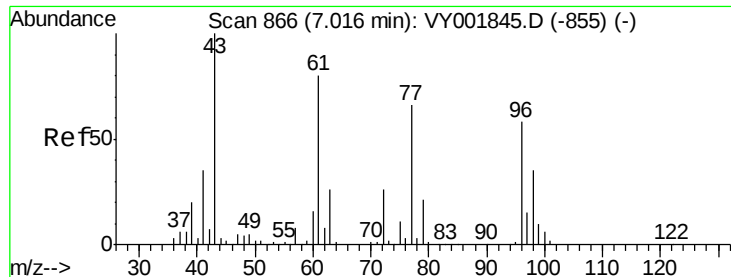
10000

5000

0

Time--> 5.90 6.00 6.10 6.20

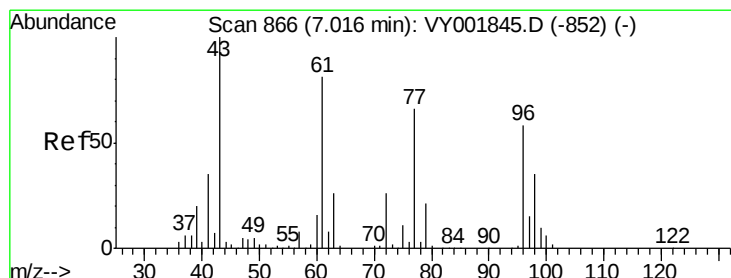
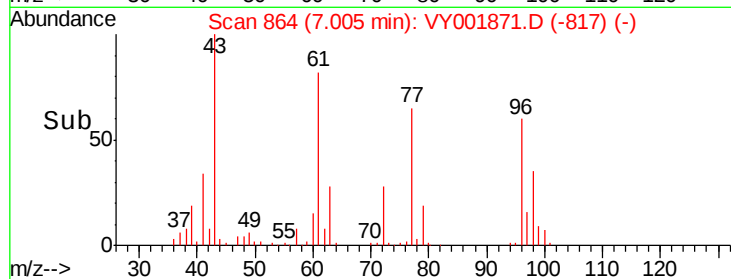
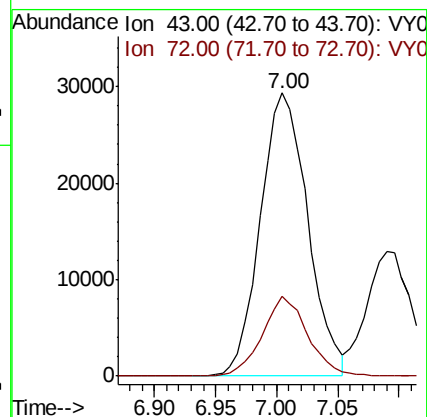
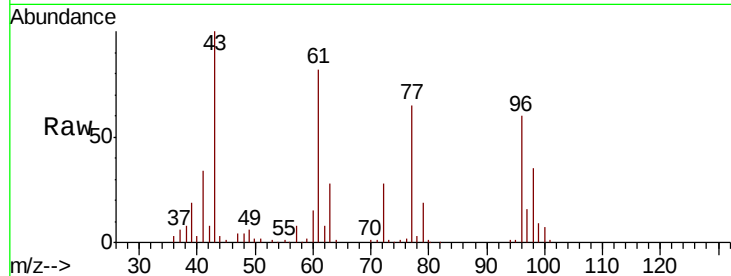




#25
2-Butanone
Concen: 94.118 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.01 min
Lab File: VY001871.D
Acq: 05 Mar 2020 11:16

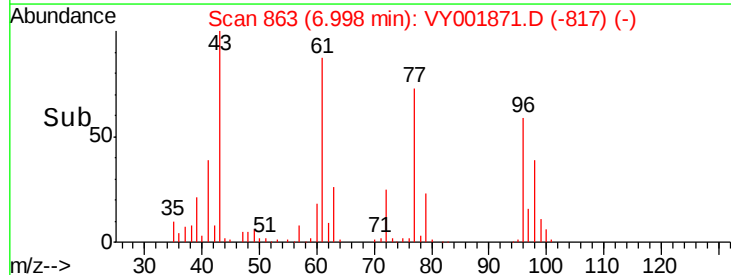
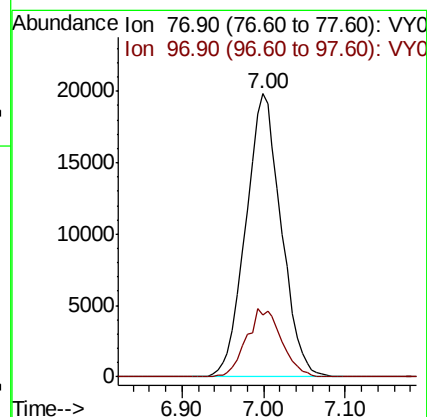
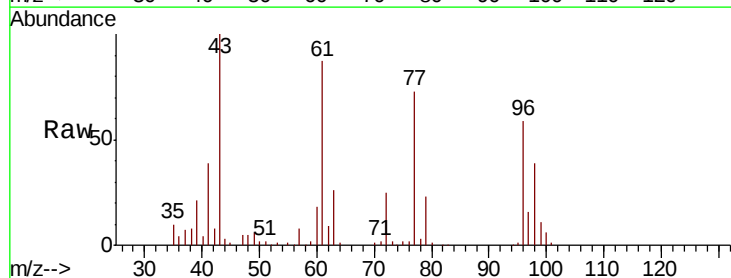
Instrument :
MSVOA_Y
ClientSampled :

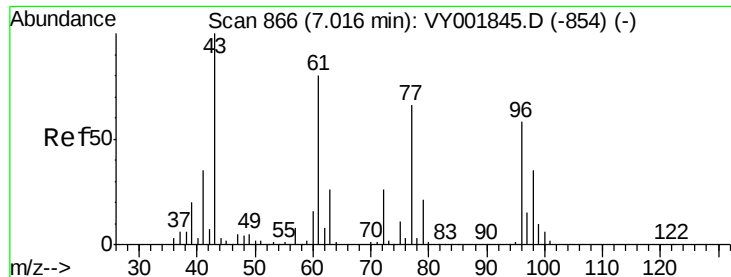
Tot Ion: 43 Resp: 79276
Ion Ratio Lower Upper
43 100
72 28.0 20.9 31.3



#26
2,2-Dichloropropane
Concen: 18.683 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.02 min
Lab File: VY001871.D
Acq: 05 Mar 2020 11:16

Tgt Ion: 77 Resp: 59766
Ion Ratio Lower Upper
77 100
97 23.9 11.9 35.7



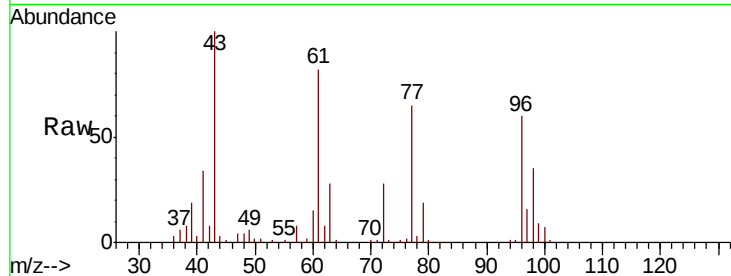


#27

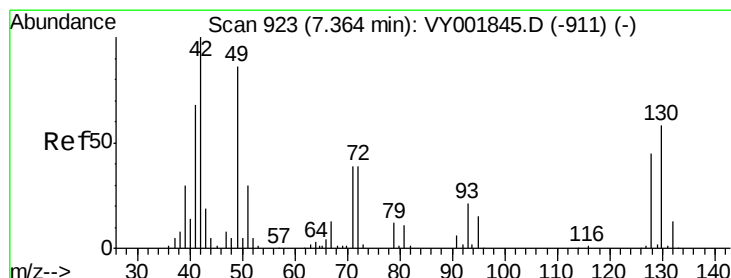
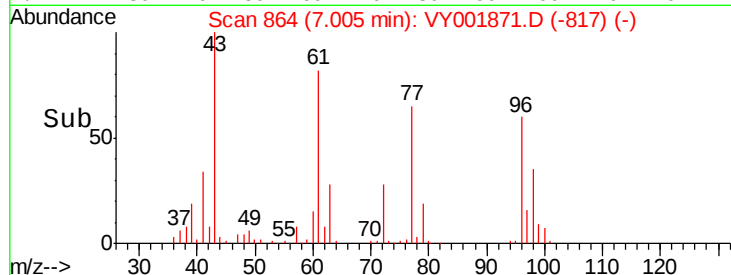
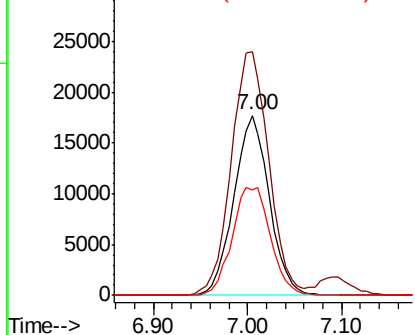
cis-1,2-Dichloroethene
Concen: 19.013 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.01 min
Lab File: VY001871.D
Acq: 05 Mar 2020 11:16

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 96 Resp: 46491
Ion Ratio Lower Upper
96 100
61 143.4 0.0 288.2
98 64.9 0.0 129.0



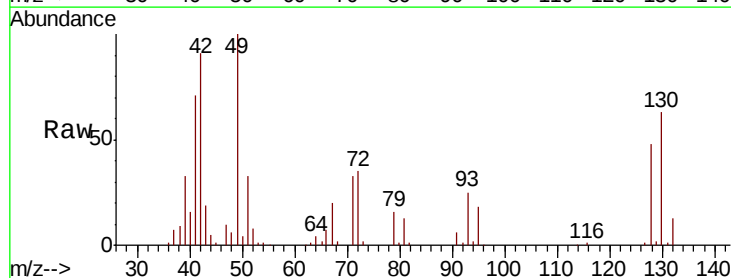
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



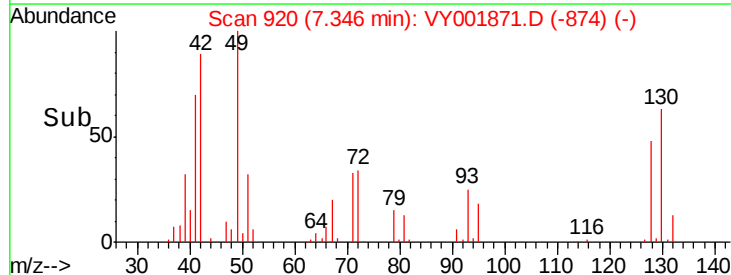
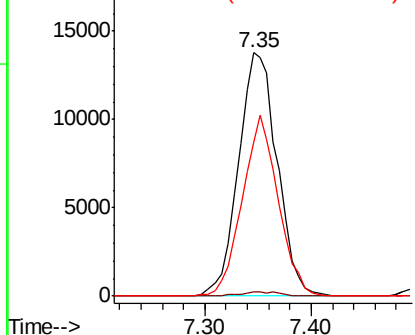
#28

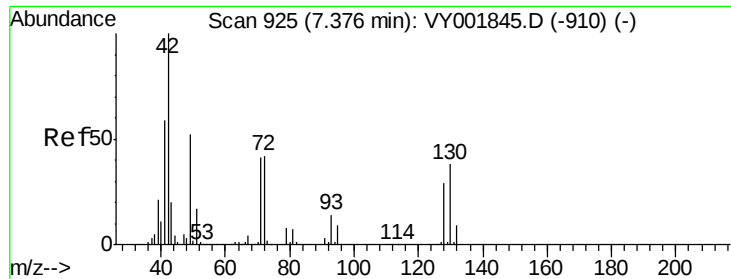
Bromochloromethane
Concen: 19.985 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.02 min
Lab File: VY001871.D
Acq: 05 Mar 2020 11:16

Tgt Ion: 49 Resp: 35109
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.8
130 68.8 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

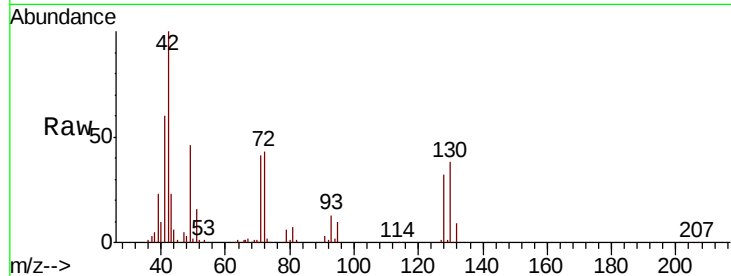




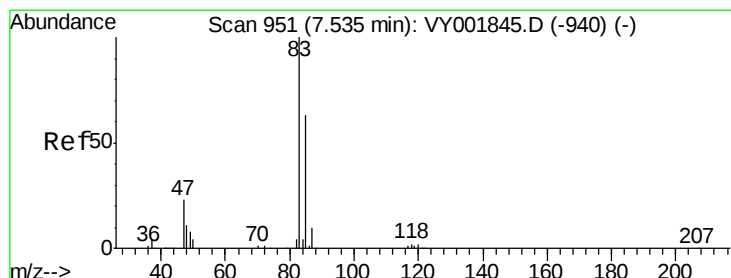
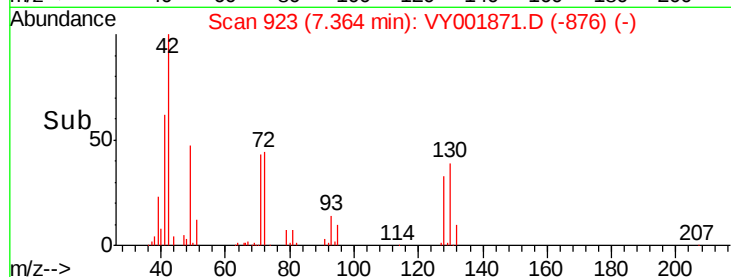
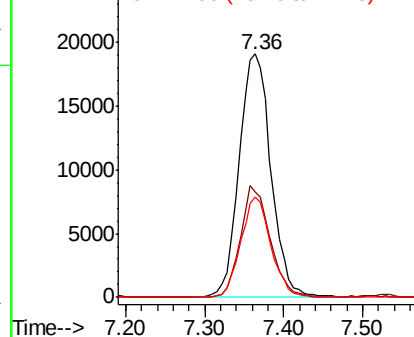
#29
Tetrahydrofuran
Concen: 95.592 ug/l
RT: 7.36 min Scan# 923
Delta R.T. -0.01 min
Lab File: VY001871.D
Acq: 05 Mar 2020 11:16

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 42 Resp: 53469
Ion Ratio Lower Upper
42 100
72 42.6 33.5 50.3
71 39.1 31.3 46.9

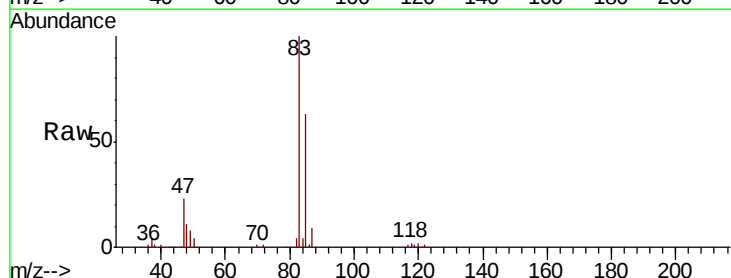


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

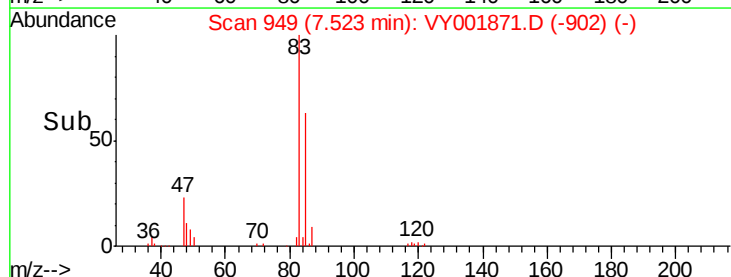
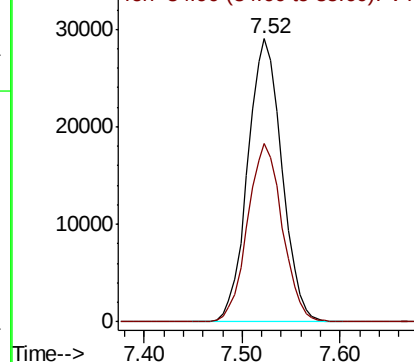


#30
Chloroform
Concen: 19.200 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.01 min
Lab File: VY001871.D
Acq: 05 Mar 2020 11:16

Tgt Ion: 83 Resp: 70305
Ion Ratio Lower Upper
83 100
85 63.2 50.7 76.1



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





#31

Cyclohexane

Concen: 18.488 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY001871.D

Acq: 05 Mar 2020 11:16

Instrument :
MSVOA_Y
ClientSampled :

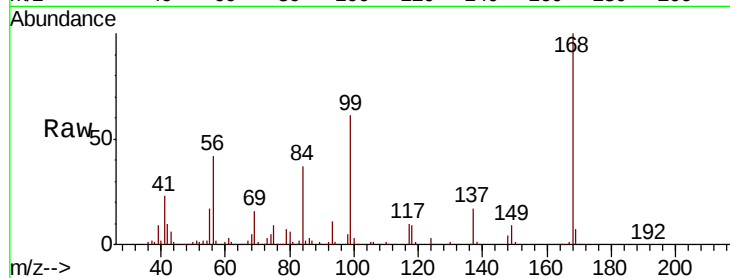
Tot Ion: 56 Resp: 77258

Ion Ratio Lower Upper

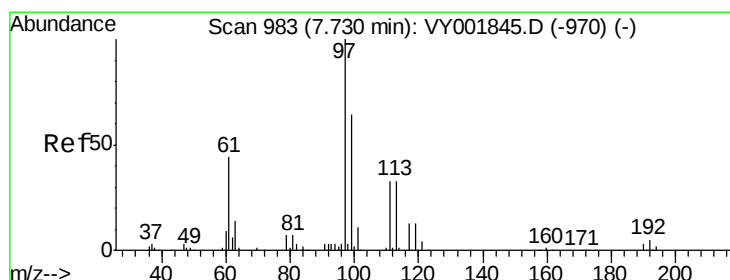
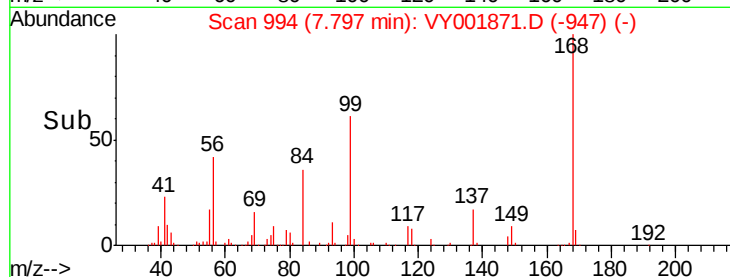
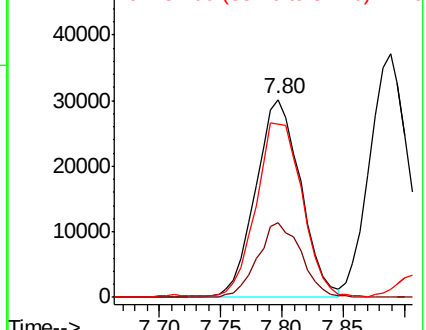
56 100

69 37.5 26.7 40.1

84 86.2 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: 19.028 ug/l

RT: 7.72 min Scan# 981

Delta R.T. -0.01 min

Lab File: VY001871.D

Acq: 05 Mar 2020 11:16

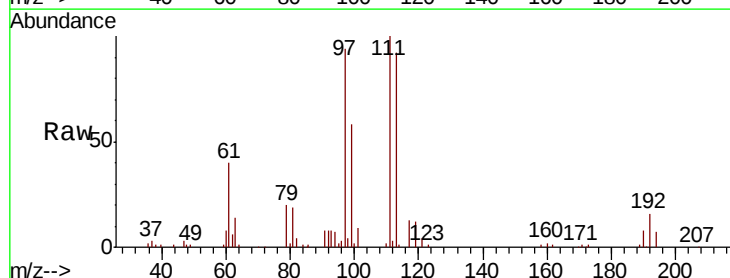
Tgt Ion: 97 Resp: 58726

Ion Ratio Lower Upper

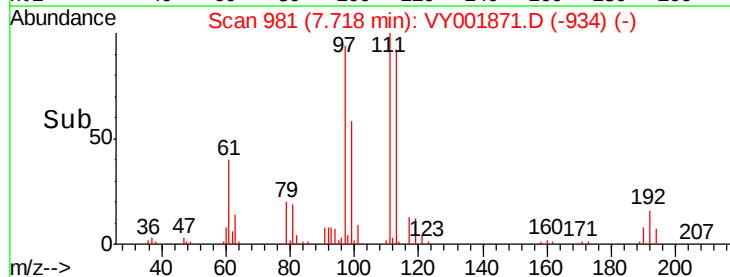
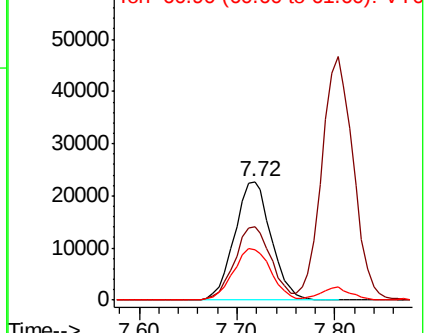
97 100

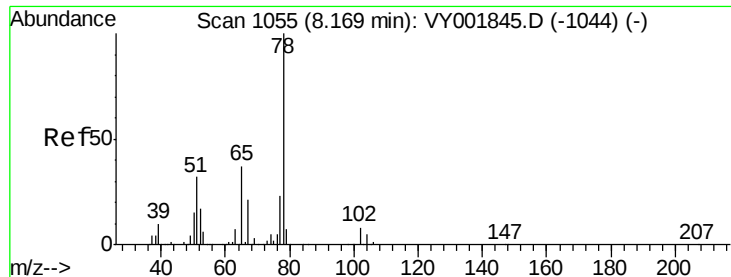
99 62.2 52.0 78.0

61 44.7 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: 50.162 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.02 min

Lab File: VY001871.D

Acq: 05 Mar 2020 11:16

Instrument :

MSVOA_Y

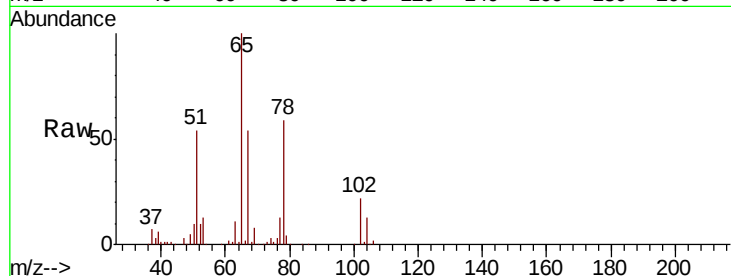
ClientSampleId :

Tot Ion: 65 Resp: 95392

Ion Ratio Lower Upper

65 100

67 56.6 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VY001845.D (-1044) (-)

Ion 66.90 (66.60 to 67.60): VY001845.D (-1044) (-)

8.15

40000

30000

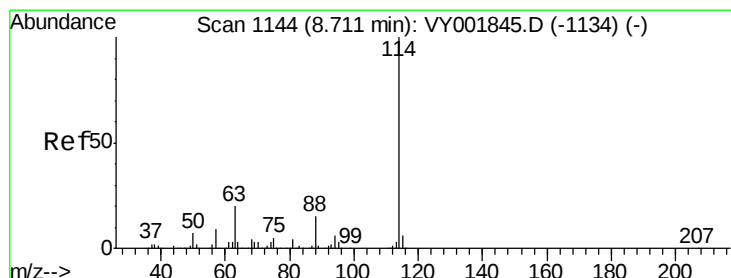
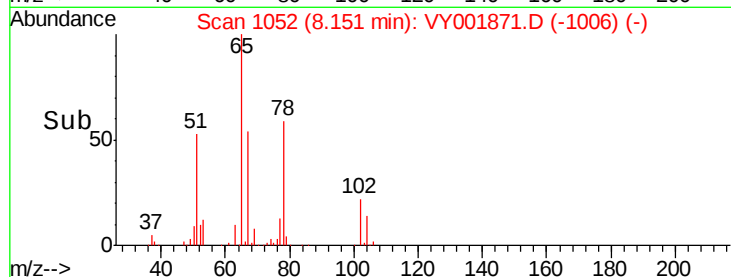
20000

10000

0

8.05 8.10 8.15 8.20 8.25

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY001871.D

Acq: 05 Mar 2020 11:16

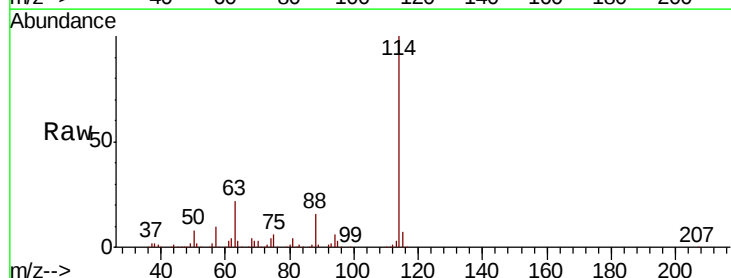
Tgt Ion: 114 Resp: 318208

Ion Ratio Lower Upper

114 100

63 21.6 0.0 39.4

88 15.9 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): VY001845.D (-1134) (-)

Ion 63.00 (62.70 to 63.70): VY001845.D (-1134) (-)

Ion 87.90 (87.60 to 88.60): VY001845.D (-1134) (-)

8.70

200000

150000

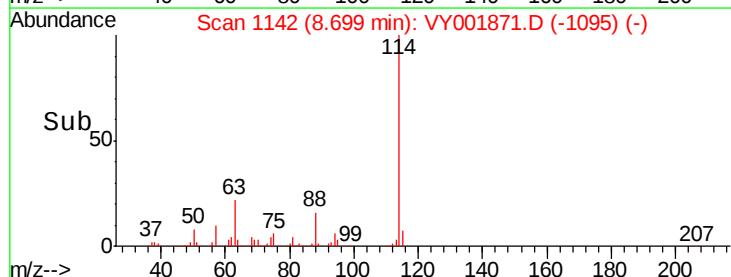
100000

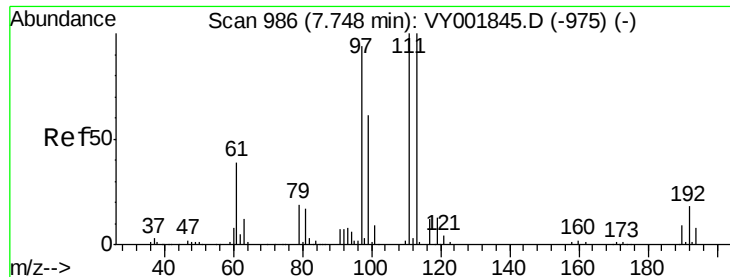
50000

0

8.60 8.70 8.80

Time-->





#35

Dibromofluoromethane

Concen: 50.876 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.01 min

Lab File: VY001871.D

Acq: 05 Mar 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

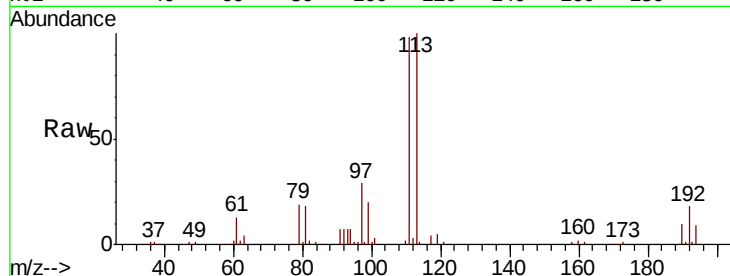
Tot Ion:113 Resp: 88400

Ion Ratio Lower Upper

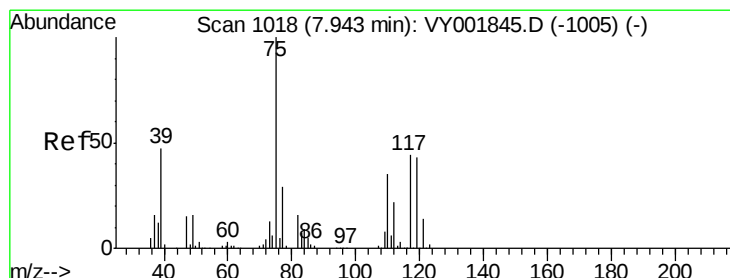
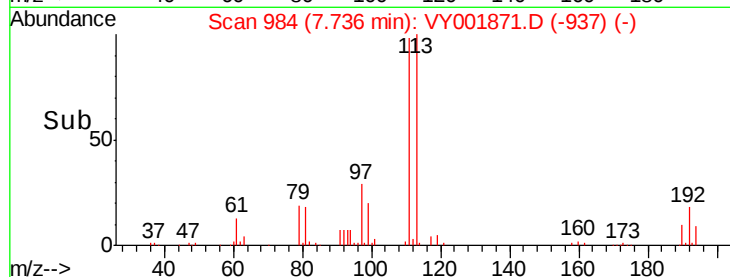
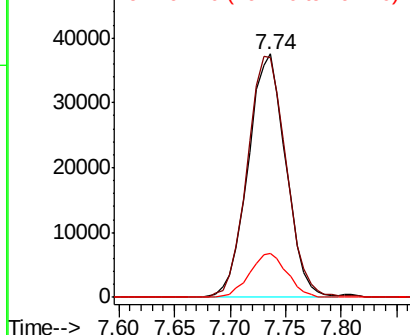
113 100

111 102.6 81.8 122.8

192 18.1 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: 18.876 ug/l

RT: 7.93 min Scan# 1016

Delta R.T. -0.01 min

Lab File: VY001871.D

Acq: 05 Mar 2020 11:16

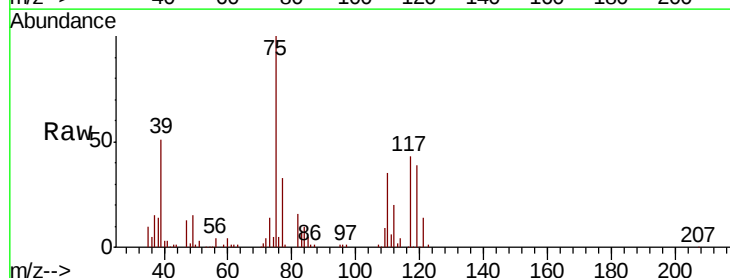
Tgt Ion: 75 Resp: 57801

Ion Ratio Lower Upper

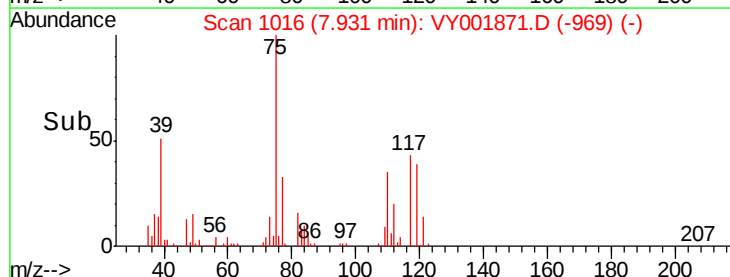
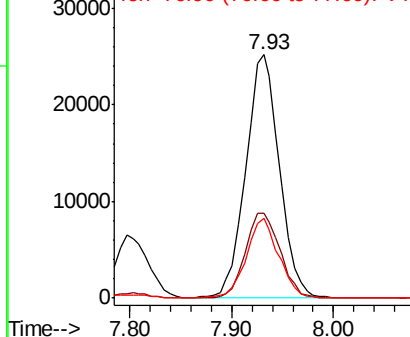
75 100

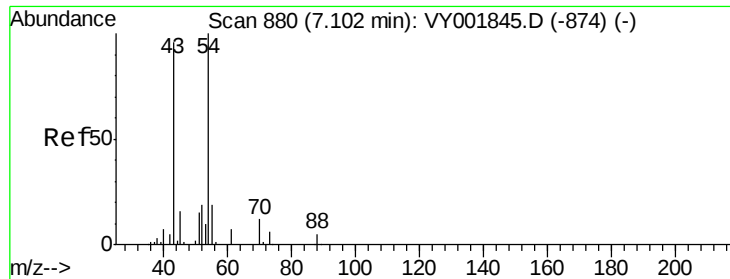
110 36.0 17.4 52.2

77 31.5 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

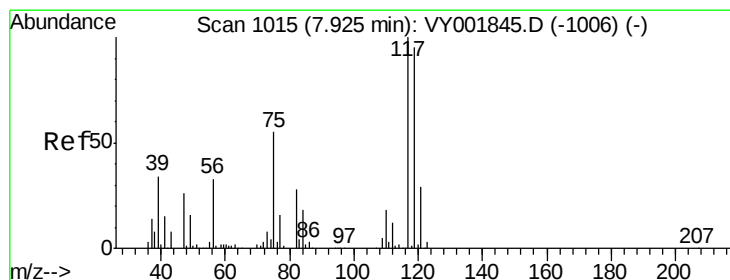
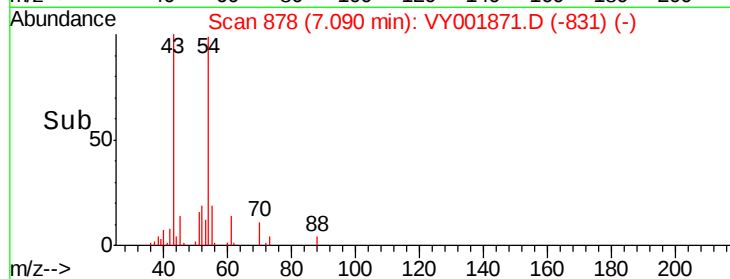
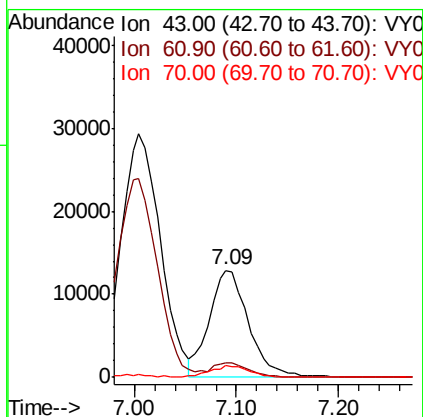
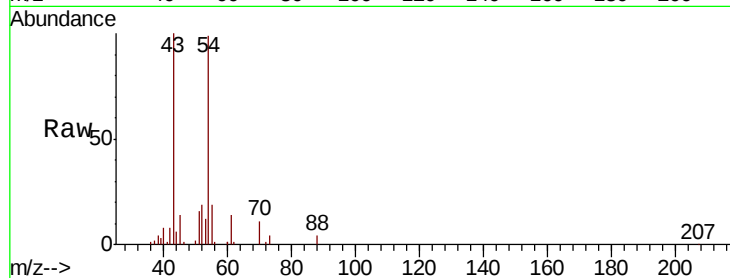




#37
Ethyl Acetate
Concen: 19.276 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.01 min
Lab File: VY001871.D
Acq: 05 Mar 2020 11:16

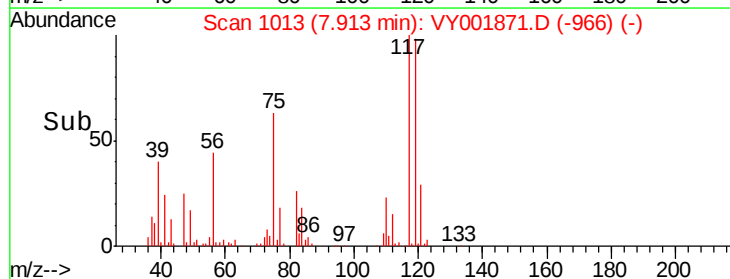
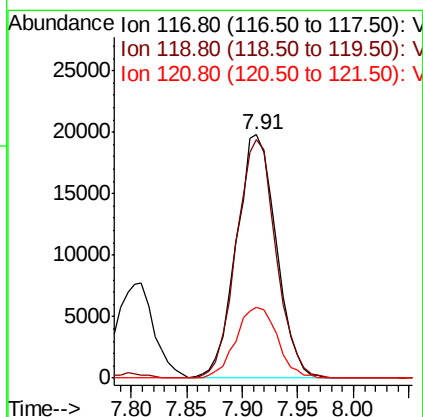
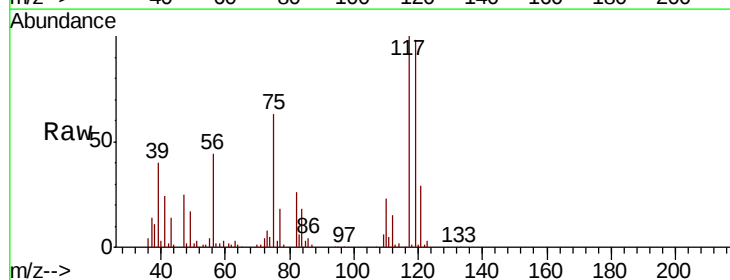
Instrument :
MSVOA_Y
ClientSampleId :

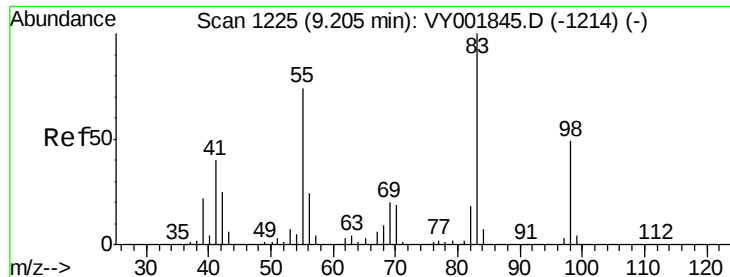
Tot Ion: 43 Resp: 34306
Ion Ratio Lower Upper
43 100
61 13.7 11.1 16.7
70 10.5 8.2 12.4



#38
Carbon Tetrachloride
Concen: 18.898 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.01 min
Lab File: VY001871.D
Acq: 05 Mar 2020 11:16

Tgt Ion: 117 Resp: 49434
Ion Ratio Lower Upper
117 100
119 97.7 76.3 114.5
121 29.0 23.5 35.3

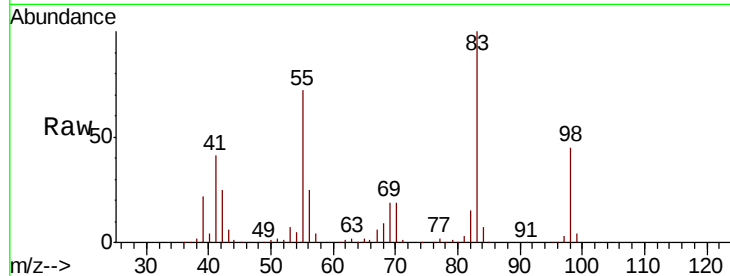




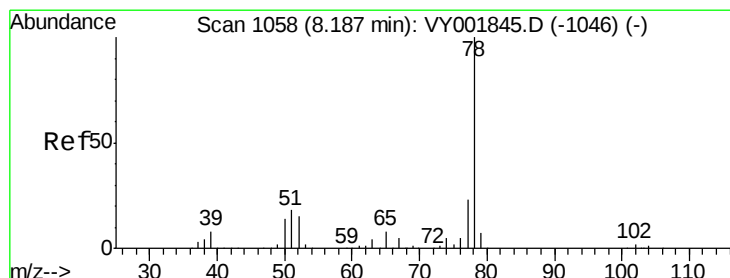
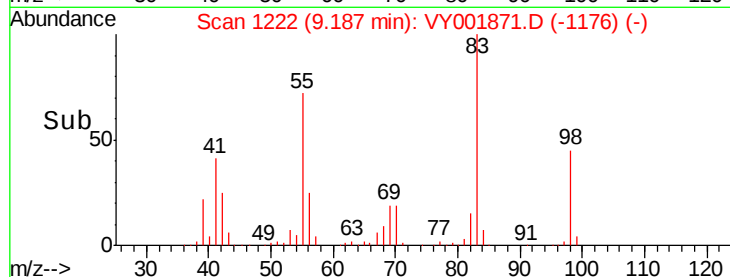
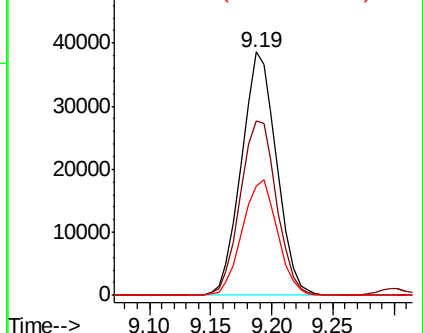
#39
Methvlcvclohexane
Concen: 18.989 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.02 min
Lab File: VY001871.D
Acq: 05 Mar 2020 11:16

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 83 Resp: 77121
Ion Ratio Lower Upper
83 100
55 71.8 59.4 89.0
98 44.7 38.9 58.3

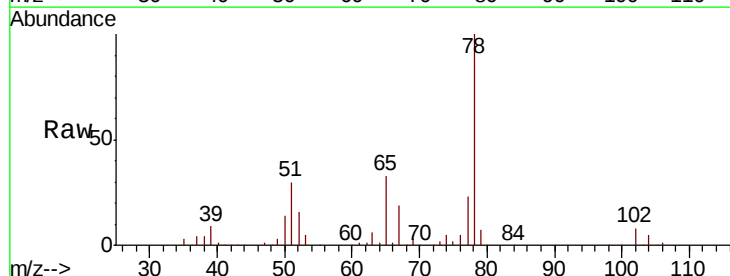


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

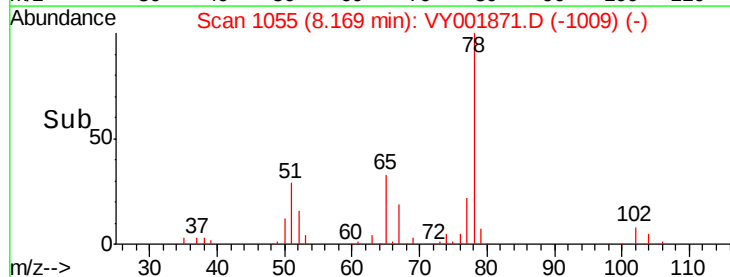
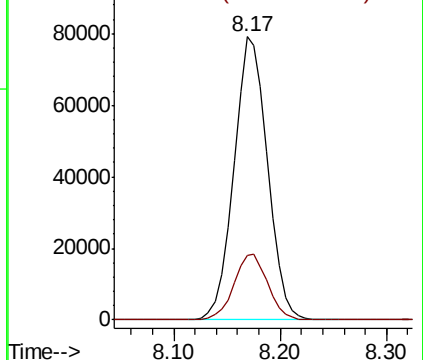


#40
Benzene
Concen: 19.214 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.02 min
Lab File: VY001871.D
Acq: 05 Mar 2020 11:16

Tgt Ion: 78 Resp: 174386
Ion Ratio Lower Upper
78 100
77 22.7 18.7 28.1



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

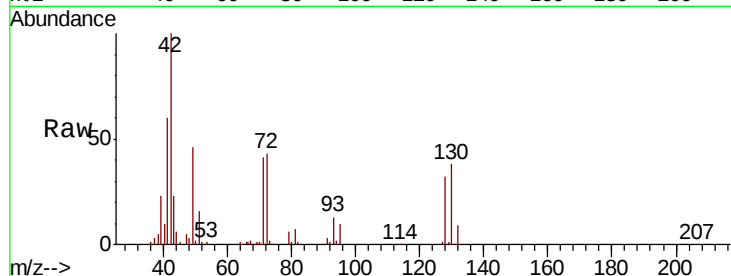




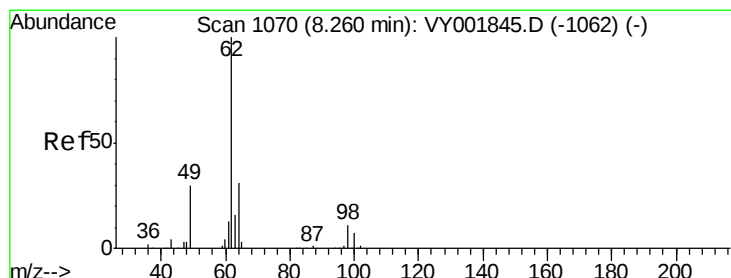
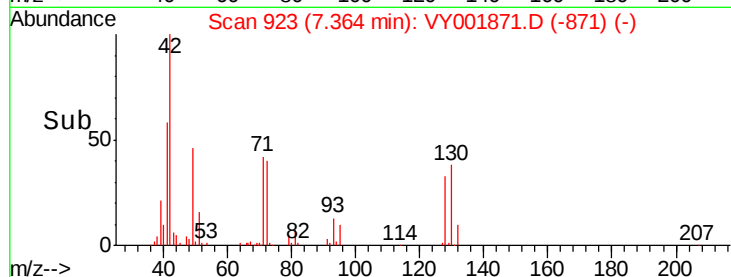
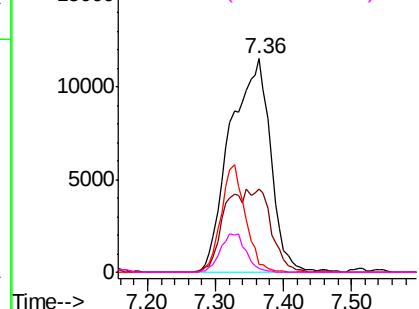
#41
Methacrylonitrile
Concen: 59.285 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.02 min
Lab File: VY001871.D
Acq: 05 Mar 2020 11:16

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 41 Resp: 47484
Ion Ratio Lower Upper
41 100
39 0.0 111.7 167.5#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

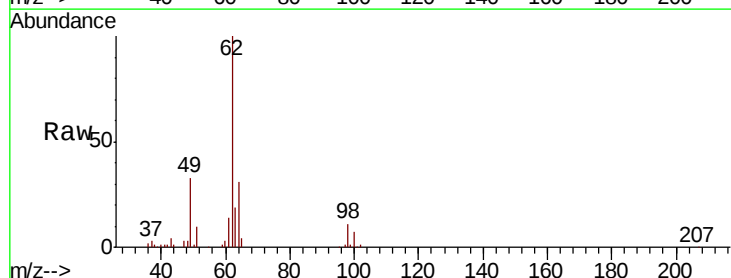


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

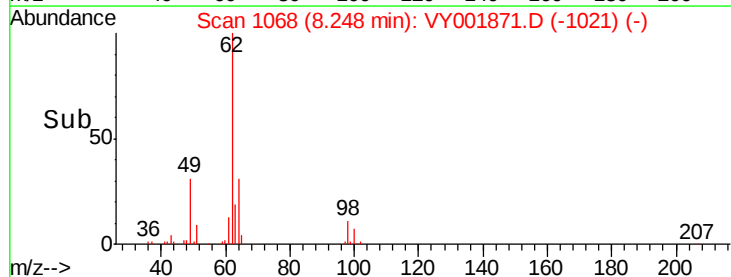
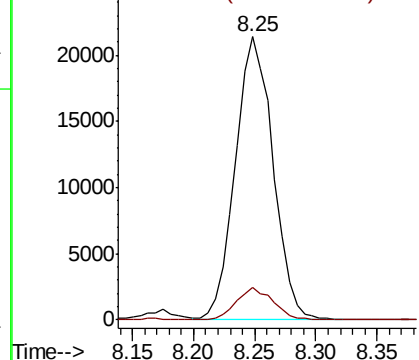


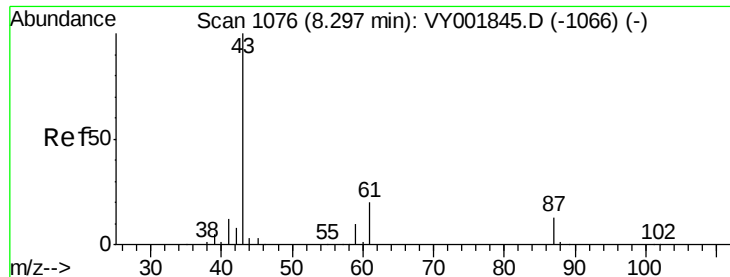
#42
1,2-Dichloroethane
Concen: 19.564 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VY001871.D
Acq: 05 Mar 2020 11:16

Tgt Ion: 62 Resp: 45756
Ion Ratio Lower Upper
62 100
98 11.0 0.0 21.4



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 19.456 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY001871.D

Acq: 05 Mar 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

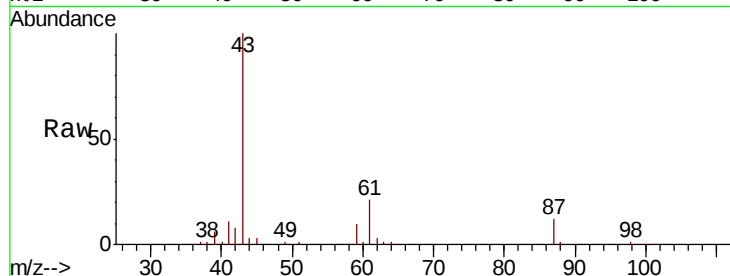
Tot Ion: 43 Resp: 65557

Ion Ratio Lower Upper

43 100

61 29.6 23.8 35.6

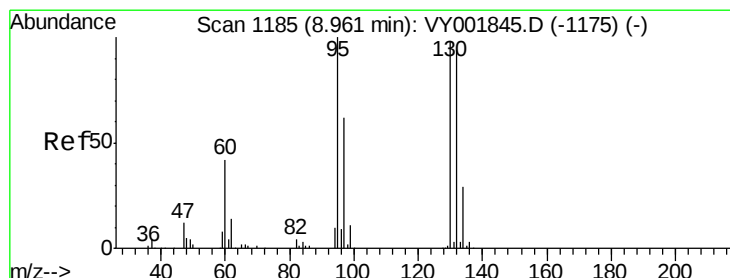
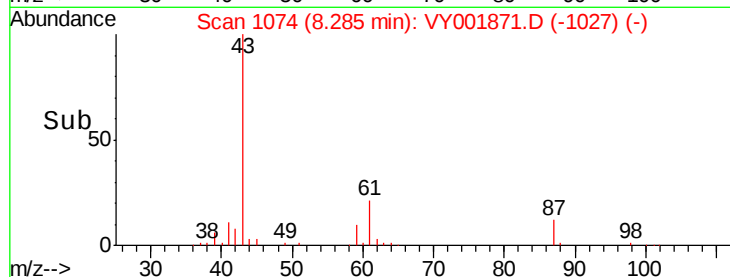
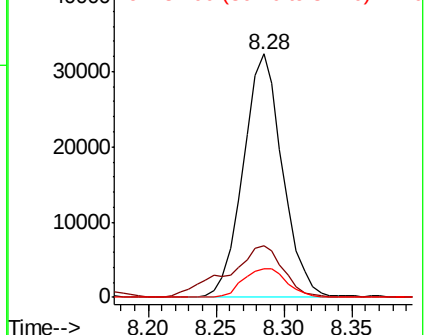
87 13.0 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VY001871.D (-1074) (-)

Ion 61.00 (60.70 to 61.70): VY001871.D (-1074) (-)

Ion 87.00 (86.70 to 87.70): VY001871.D (-1074) (-)



#44

Trichloroethene

Concen: 18.731 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. -0.01 min

Lab File: VY001871.D

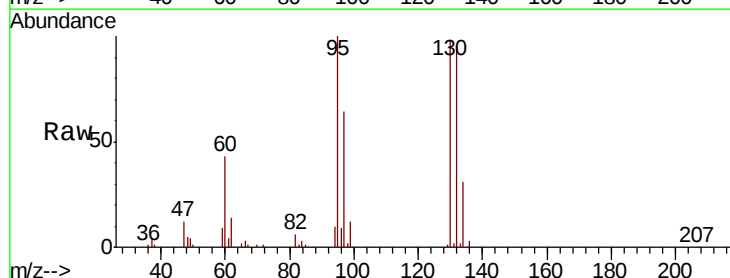
Acq: 05 Mar 2020 11:16

Tgt Ion:130 Resp: 41404

Ion Ratio Lower Upper

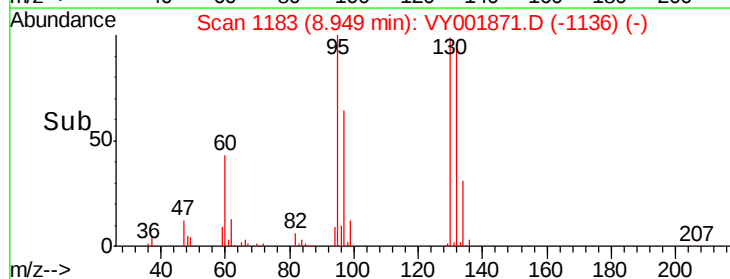
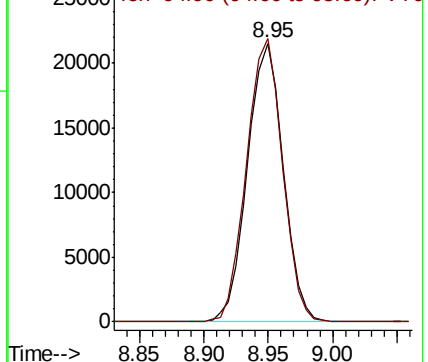
130 100

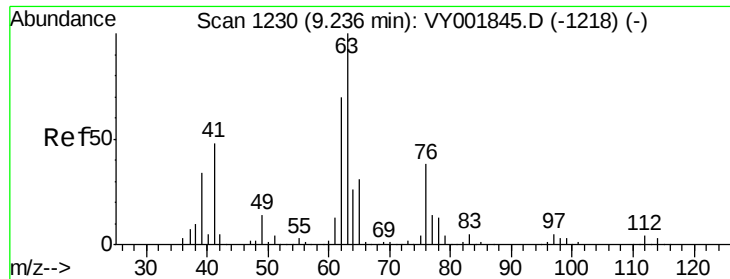
95 101.6 0.0 204.6



Abundance Ion 129.80 (129.50 to 130.50): VY001871.D (-1183) (-)

Ion 94.90 (94.60 to 95.60): VY001871.D (-1183) (-)





#45

1,2-Dichloropropane

Concen: 19.409 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. -0.01 min

Lab File: VY001871.D

Acq: 05 Mar 2020 11:16

Instrument :

MSVOA_Y

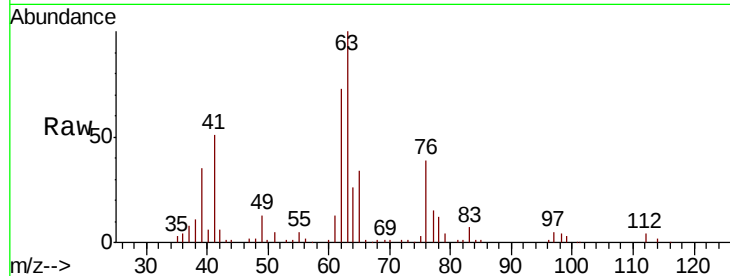
ClientSampled :

Tot Ion: 63 Resp: 44283

Ion Ratio Lower Upper

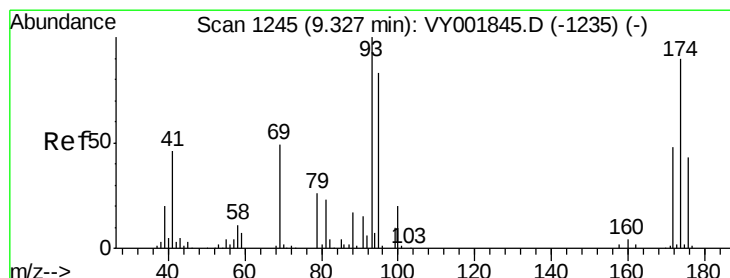
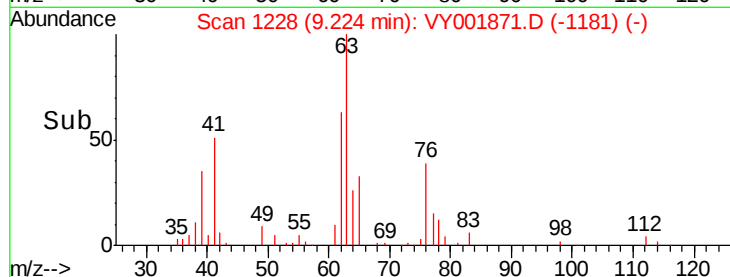
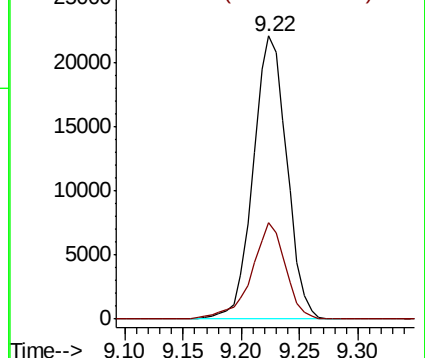
63 100

65 34.2 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: 19.446 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. -0.01 min

Lab File: VY001871.D

Acq: 05 Mar 2020 11:16

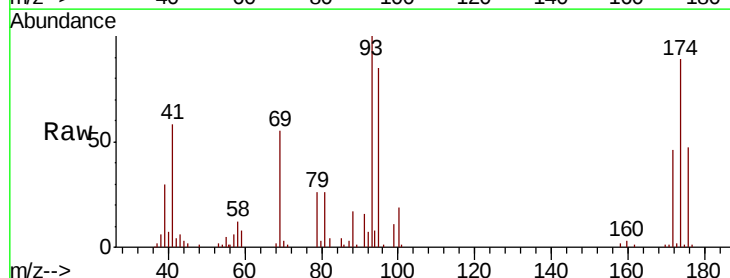
Tgt Ion: 93 Resp: 22864

Ion Ratio Lower Upper

93 100

95 83.3 67.0 100.4

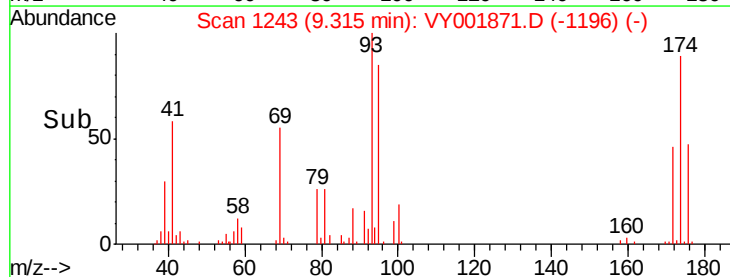
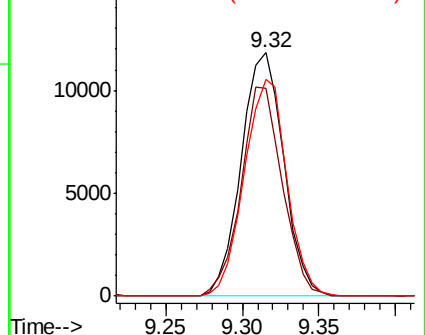
174 89.0 71.8 107.8

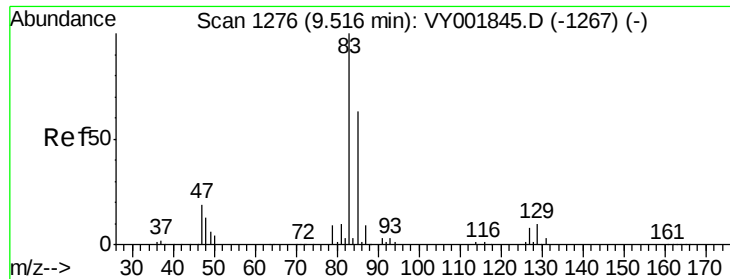


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): VY0





#47

Bromodichloromethane

Concen: 19.307 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY001871.D

Acq: 05 Mar 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

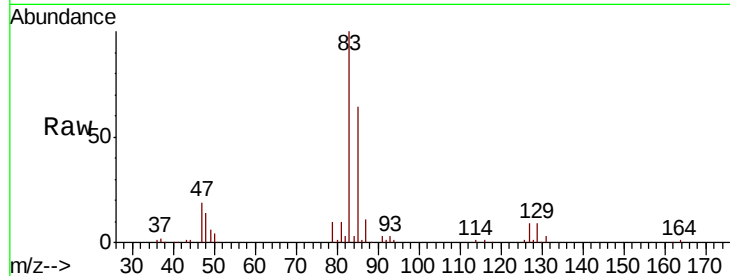
Tot Ion: 83 Resp: 52806

Ion Ratio Lower Upper

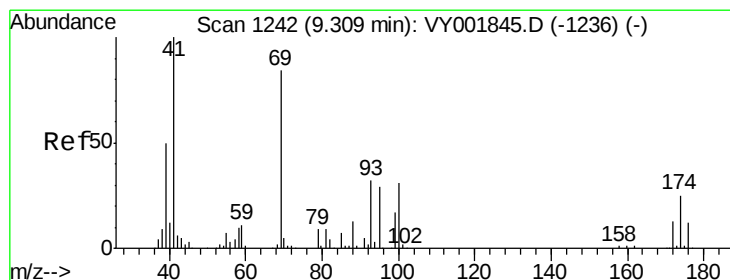
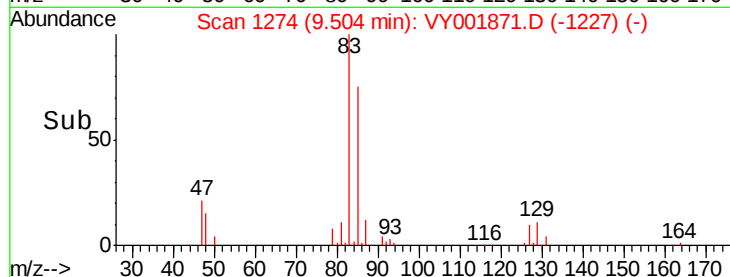
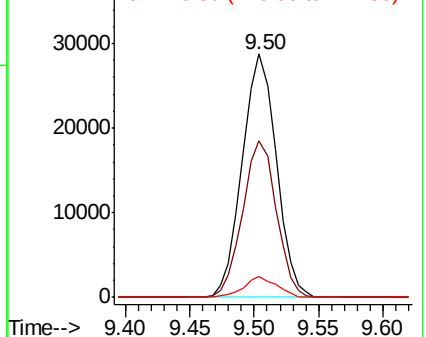
83 100

85 64.3 50.6 76.0

127 8.6 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): V



#48

Methyl methacrylate

Concen: 20.173 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY001871.D

Acq: 05 Mar 2020 11:16

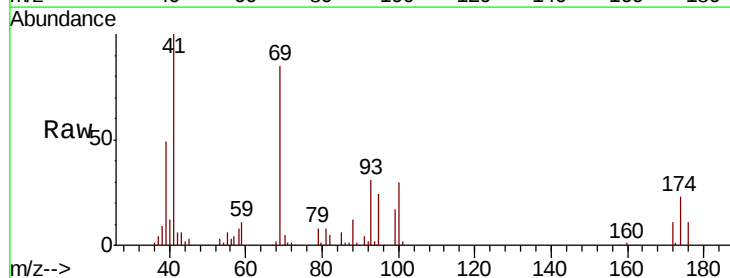
Tgt Ion: 41 Resp: 30161

Ion Ratio Lower Upper

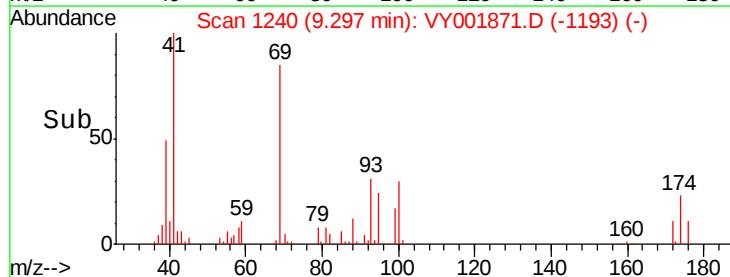
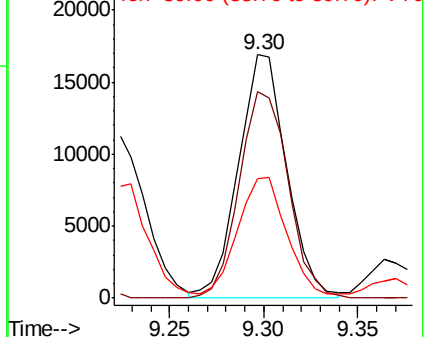
41 100

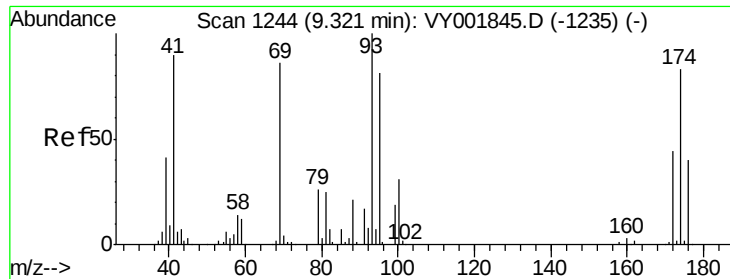
69 86.2 69.0 103.6

39 51.2 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

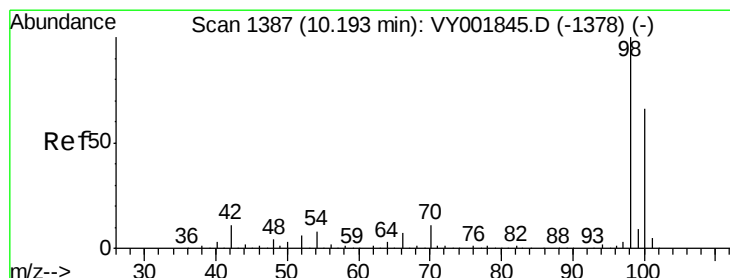
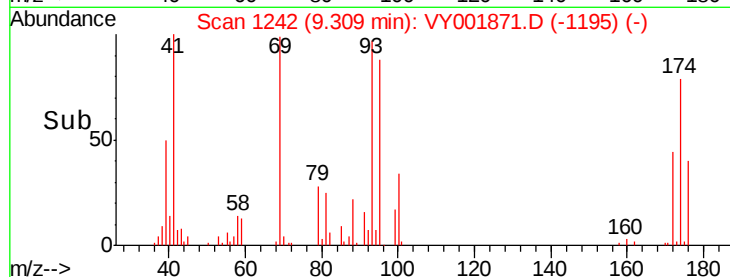
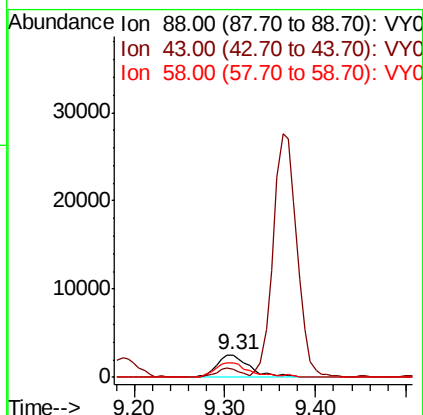
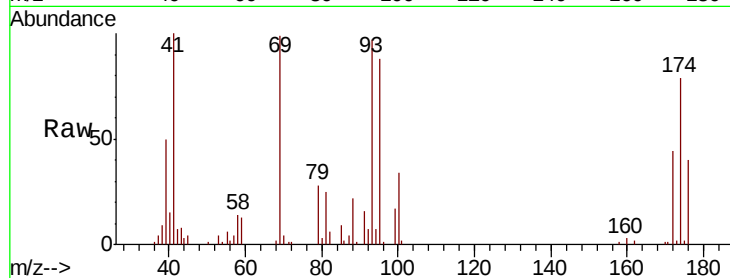




#49
 1,4-Dioxane
 Concen: 410.595 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: VY001871.D
 Acq: 05 Mar 2020 11:16

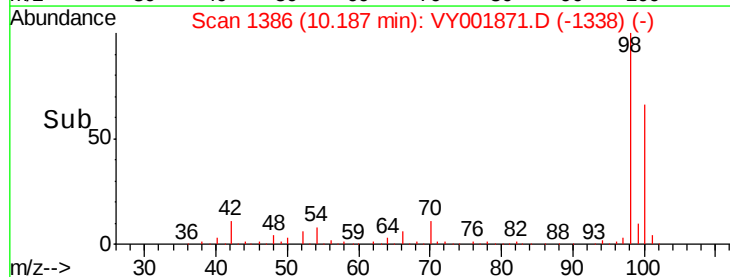
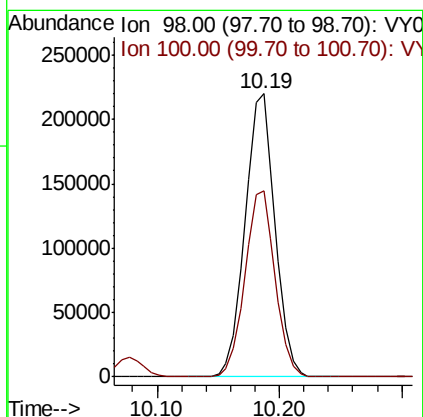
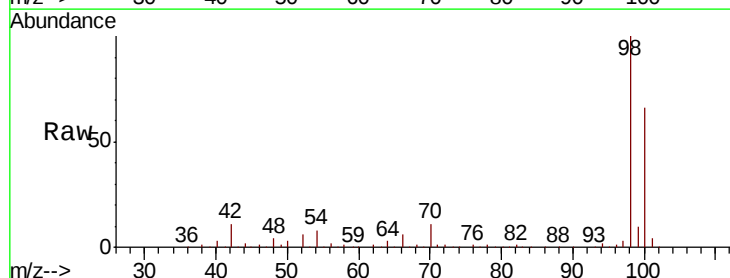
Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 88 Resp: 6615
 Ion Ratio Lower Upper
 88 100
 43 30.5 25.0 37.6
 58 69.5 58.9 88.3



#50
 Toluene-d8
 Concen: 51.058 ug/l
 RT: 10.19 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: VY001871.D
 Acq: 05 Mar 2020 11:16

Tgt Ion: 98 Resp: 374105
 Ion Ratio Lower Upper
 98 100
 100 65.8 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 96.703 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VY001871.D

Acq: 05 Mar 2020 11:16

Instrument :

MSVOA_Y

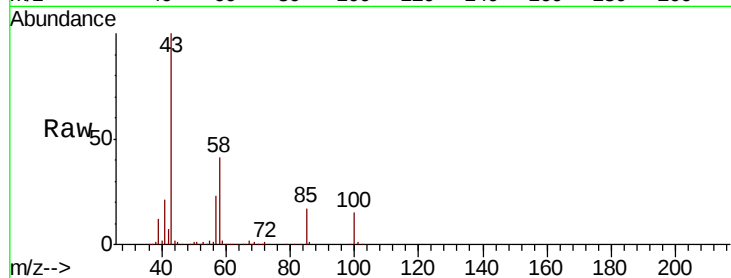
ClientSampled :

Tot Ion: 43 Resp: 167831

Ion Ratio Lower Upper

43 100

58 40.2 32.0 48.0



Abundance Ion 43.00 (42.70 to 43.70): VY001845.D (-1361) (-)

Ion 58.00 (57.70 to 58.70): VY001845.D (-1361) (-)

10.08

80000

60000

40000

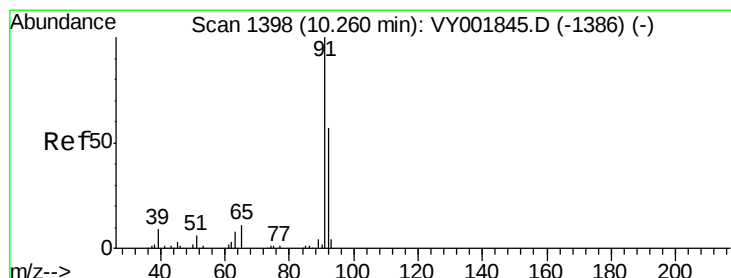
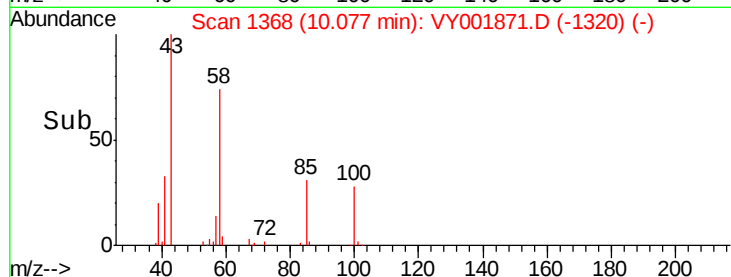
20000

0

10.00

10.10

Time-->



#52

Toluene

Concen: 19.539 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.01 min

Lab File: VY001871.D

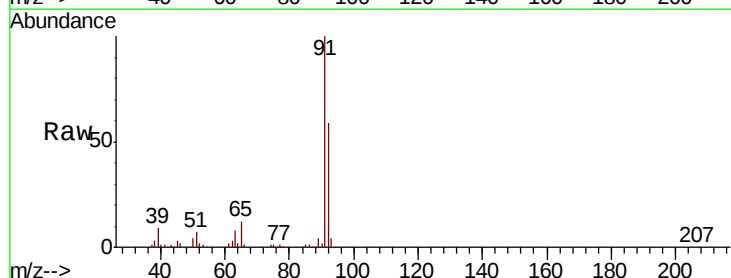
Acq: 05 Mar 2020 11:16

Tgt Ion: 92 Resp: 107731

Ion Ratio Lower Upper

92 100

91 169.8 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VY001845.D (-1386) (-)

Ion 91.00 (90.70 to 91.70): VY001845.D (-1386) (-)

10.25

120000

100000

80000

60000

40000

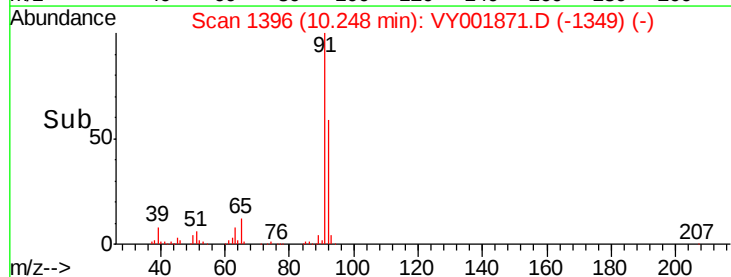
20000

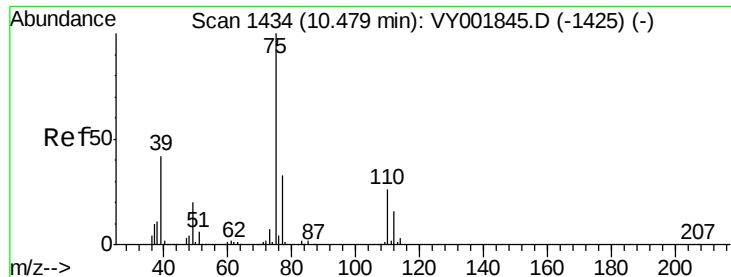
0

10.20

10.30

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.510 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.01 min

Lab File: VY001871.D

Acq: 05 Mar 2020 11:16

Instrument :

MSVOA_Y

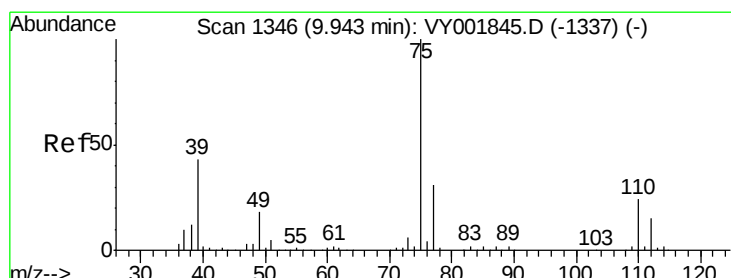
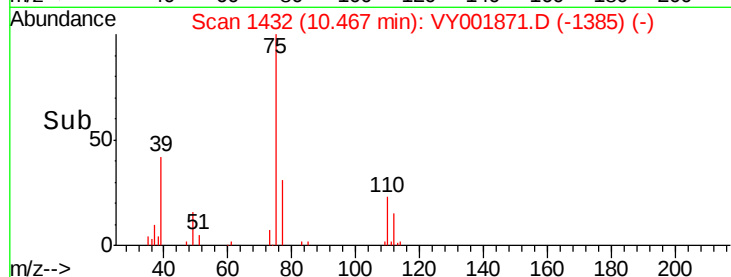
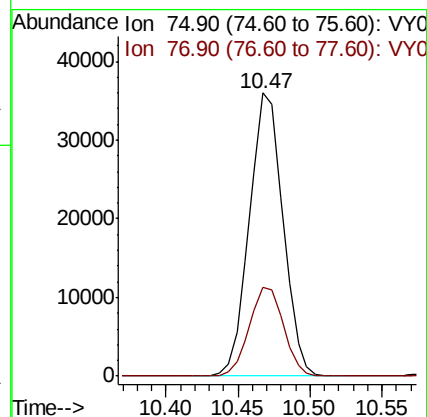
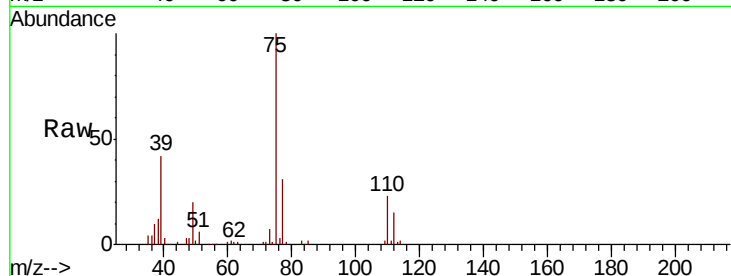
ClientSampleId :

Tot Ion: 75 Resp: 58134

Ion Ratio Lower Upper

75 100

77 31.3 26.3 39.5



#54

cis-1,3-Dichloropropene

Concen: 19.054 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.01 min

Lab File: VY001871.D

Acq: 05 Mar 2020 11:16

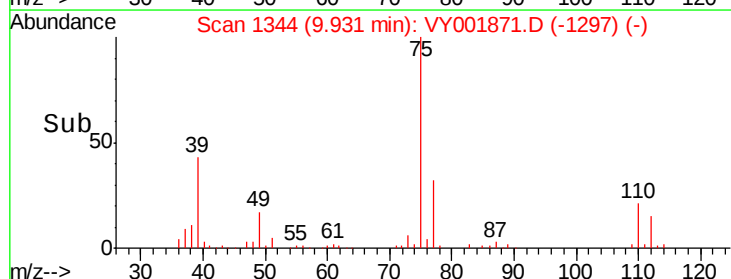
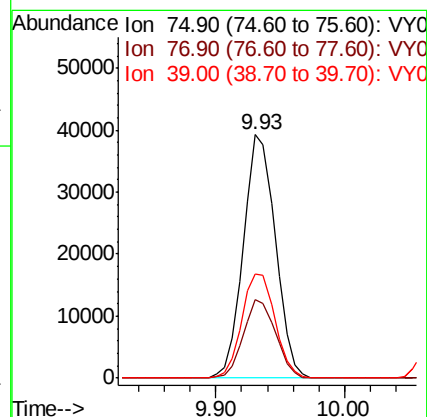
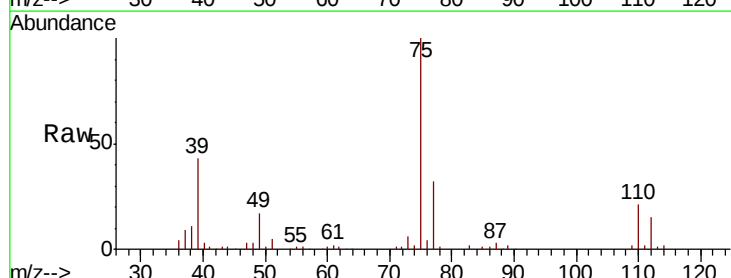
Tgt Ion: 75 Resp: 67591

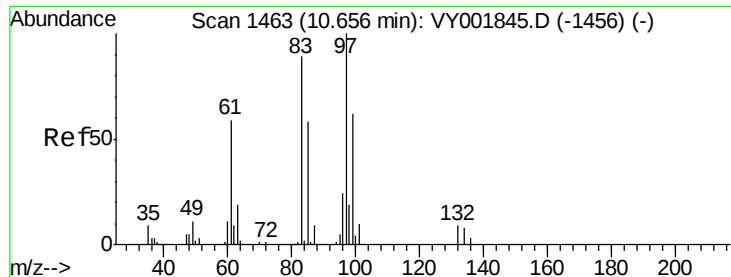
Ion Ratio Lower Upper

75 100

77 32.2 25.1 37.7

39 42.9 34.7 52.1

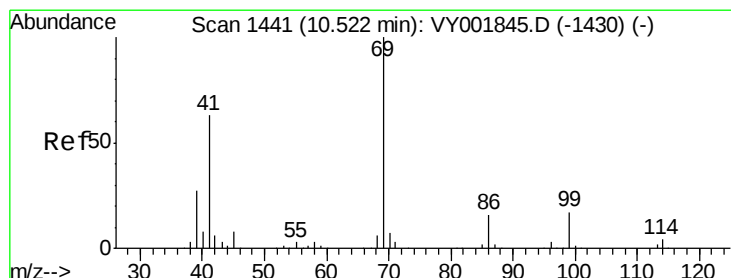
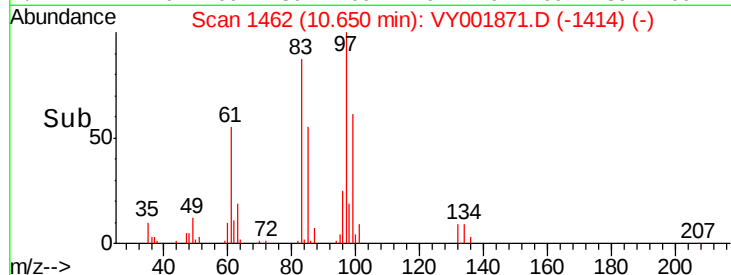
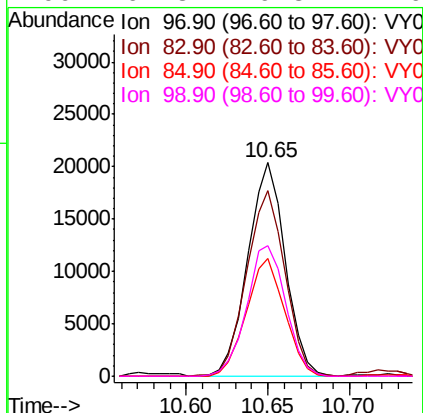
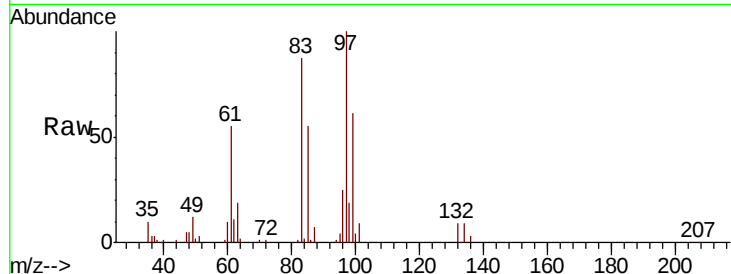




#55
 1,1,2-Trichloroethane
 Concen: 19.022 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: VY001871.D
 Acq: 05 Mar 2020 11:16

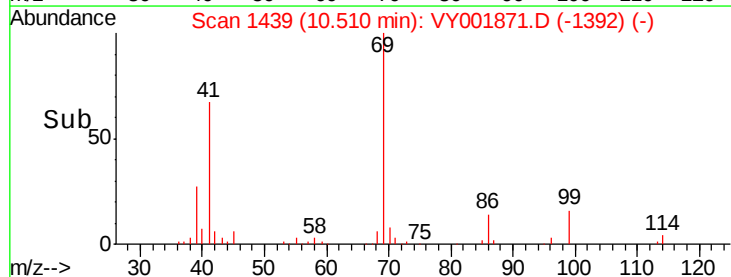
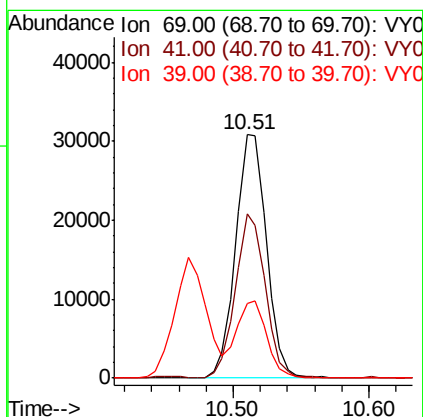
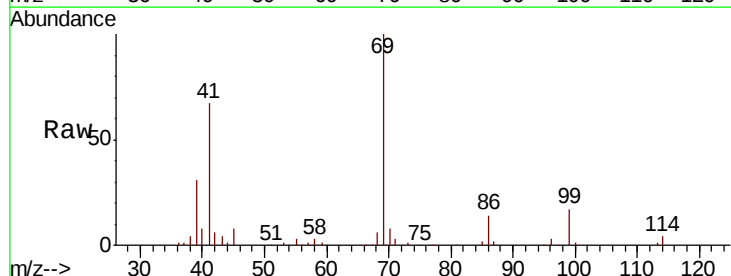
Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 97 Resp: 32731
 Ion Ratio Lower Upper
 97 100
 83 86.7 71.6 107.4
 85 55.0 46.6 69.8
 99 61.3 49.8 74.6



#56
 Ethyl methacrylate
 Concen: 19.403 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: VY001871.D
 Acq: 05 Mar 2020 11:16

Tgt Ion: 69 Resp: 48936
 Ion Ratio Lower Upper
 69 100
 41 65.7 49.9 74.9
 39 30.7 23.0 34.6

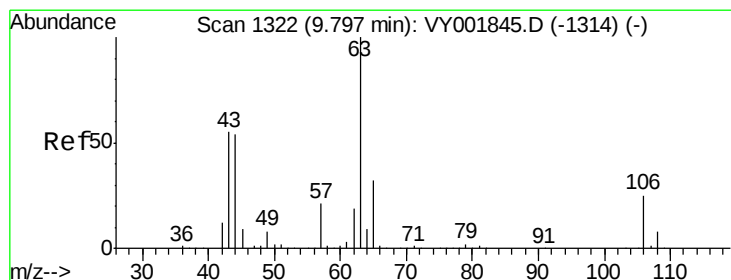
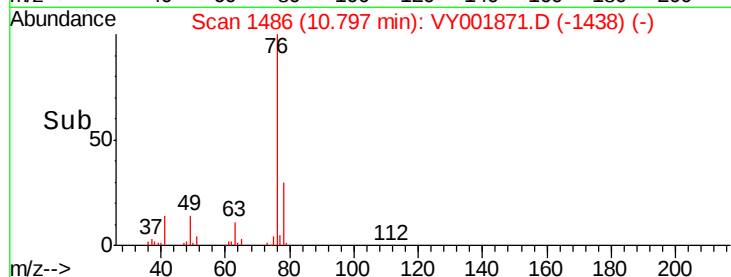
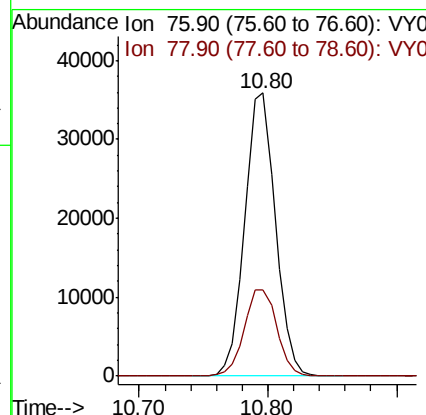
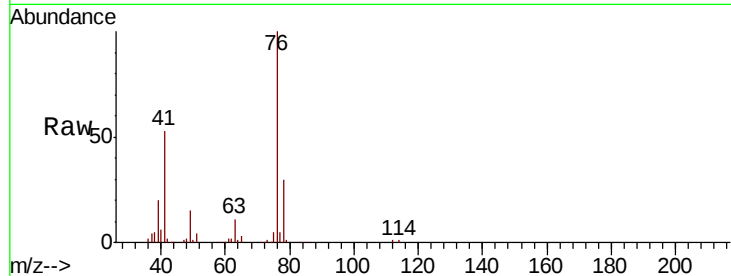




#57
 1,3-Dichloropropane
 Concen: 19.201 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VY001871.D
 Acq: 05 Mar 2020 11:16

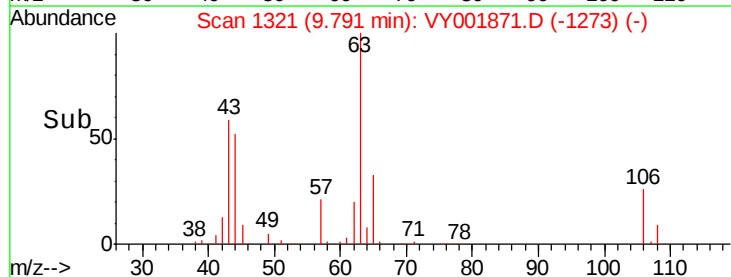
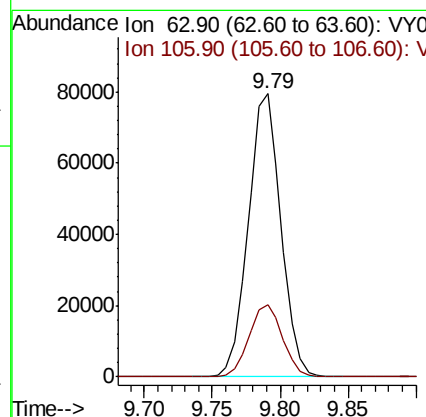
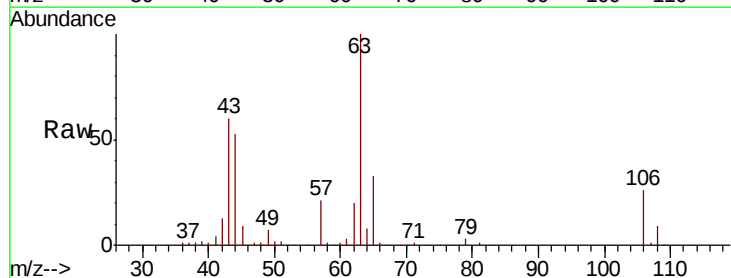
Instrument :
 MSVOA_Y
 ClientSampleId :

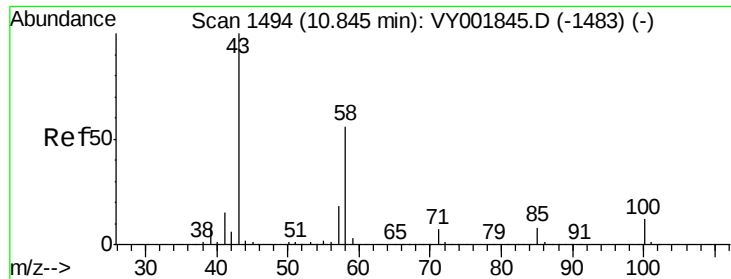
Tot Ion: 76 Resp: 58893
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 136.456 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: VY001871.D
 Acq: 05 Mar 2020 11:16

Tgt Ion: 63 Resp: 133183
 Ion Ratio Lower Upper
 63 100
 106 26.3 21.3 31.9

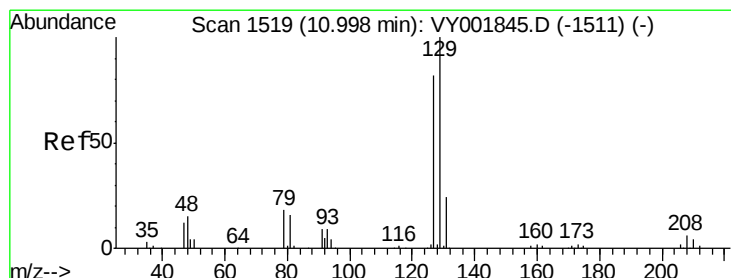
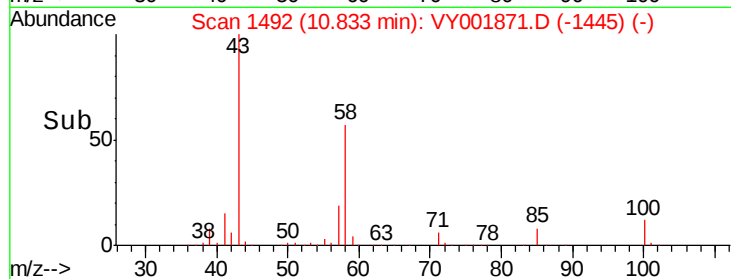
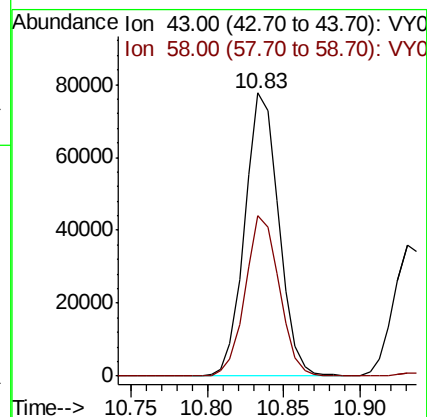
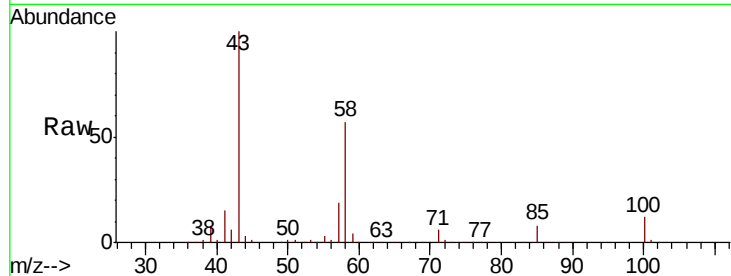




#59
2-Hexanone
Concen: 97.086 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY001871.D
Acq: 05 Mar 2020 11:16

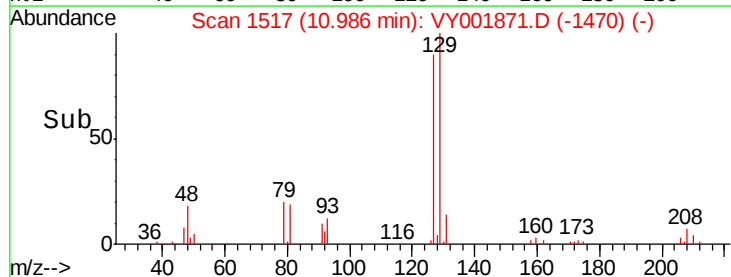
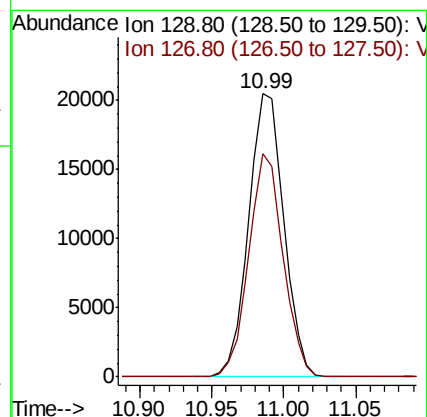
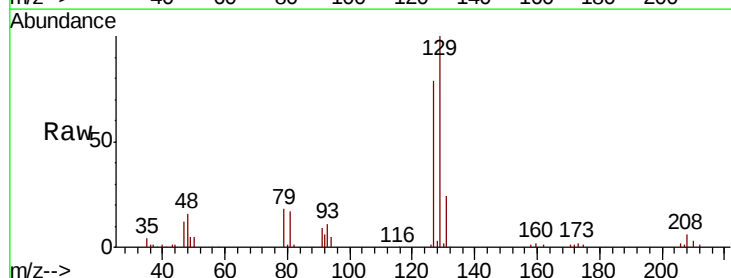
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 120265
Ion Ratio Lower Upper
43 100
58 56.5 28.1 84.3



#60
Dibromochloromethane
Concen: 19.055 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY001871.D
Acq: 05 Mar 2020 11:16

Tgt Ion: 129 Resp: 34549
Ion Ratio Lower Upper
129 100
127 76.9 39.0 117.0

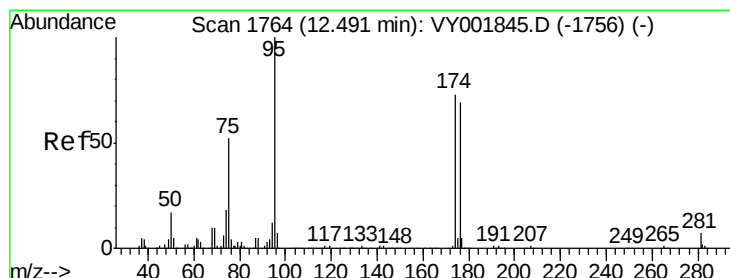
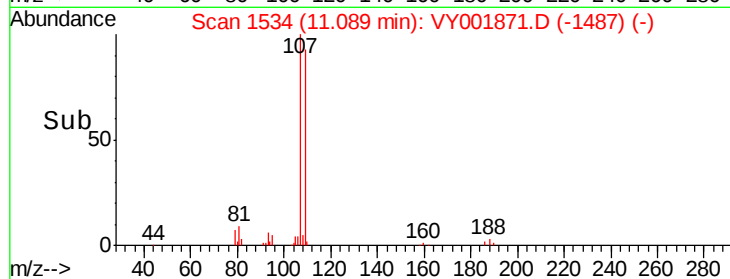
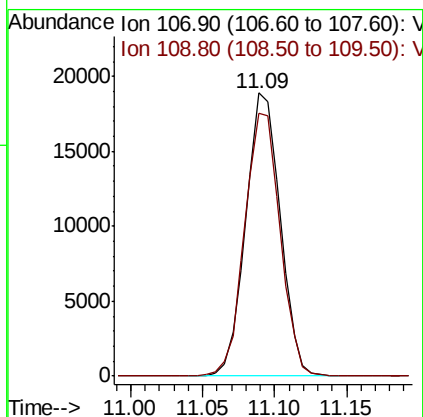
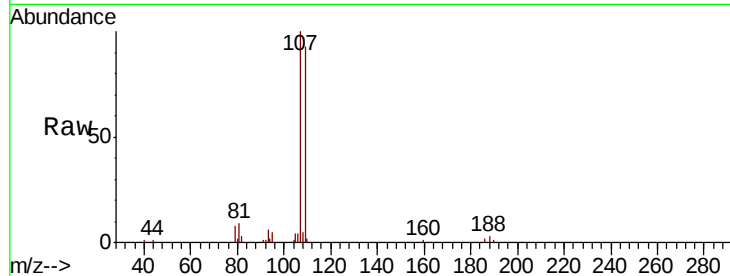




#61
 1,2-Dibromoethane
 Concen: 19.139 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY001871.D
 Acq: 05 Mar 2020 11:16

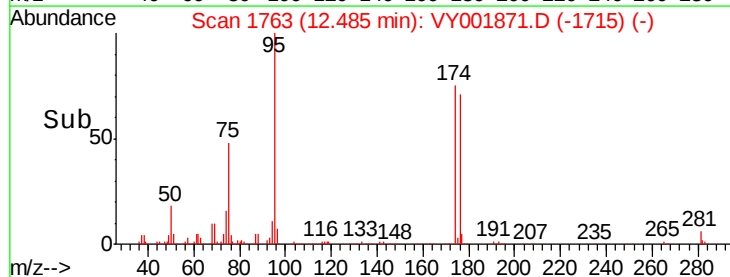
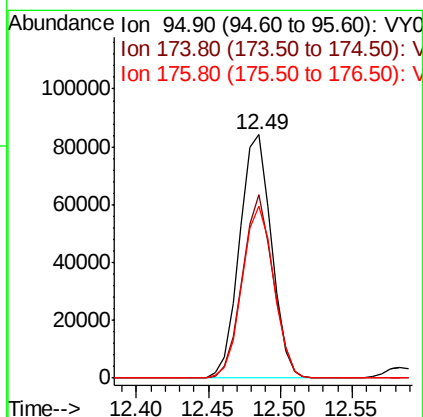
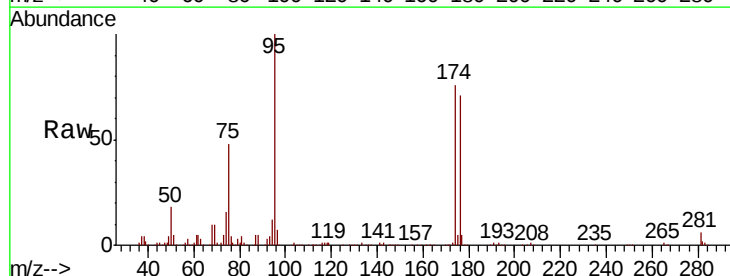
Instrument :
 MSVOA_Y
 ClientSampleId :

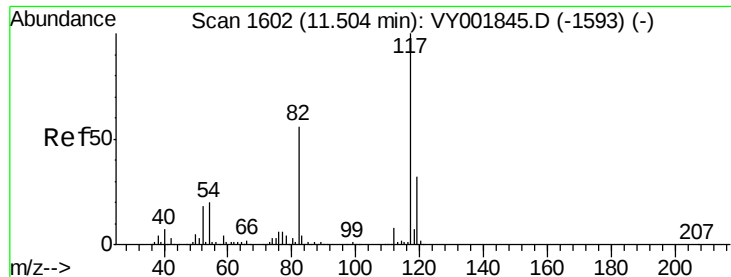
Tot Ion: 107 Resp: 31195
 Ion Ratio Lower Upper
 107 100
 109 95.9 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 50.804 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: VY001871.D
 Acq: 05 Mar 2020 11:16

Tgt Ion: 95 Resp: 129432
 Ion Ratio Lower Upper
 95 100
 174 72.3 0.0 145.0
 176 70.1 0.0 137.4

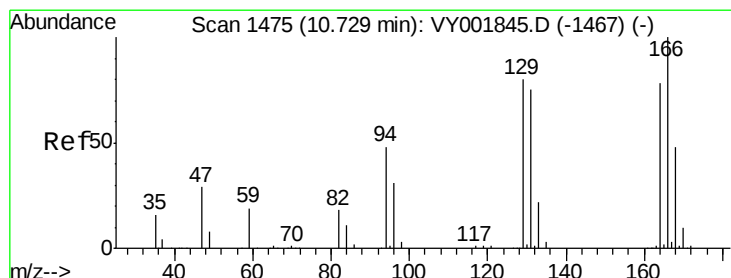
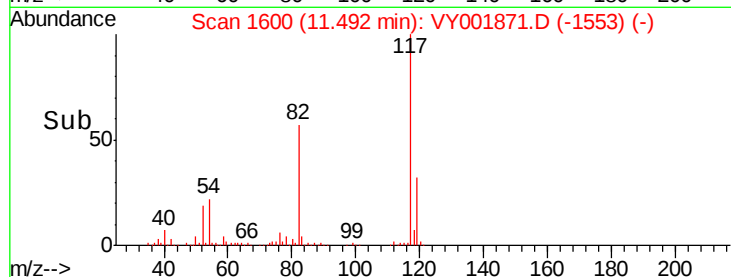
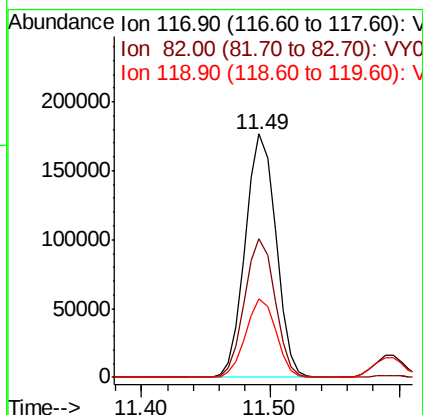
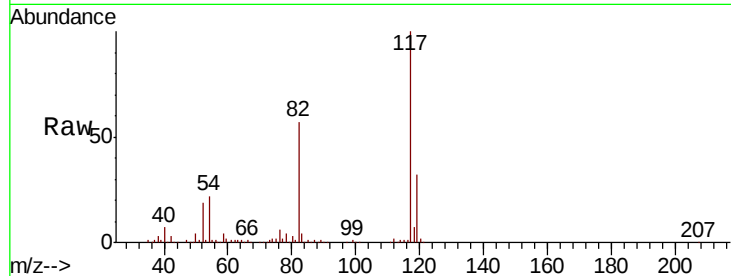




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001871.D
Acq: 05 Mar 2020 11:16

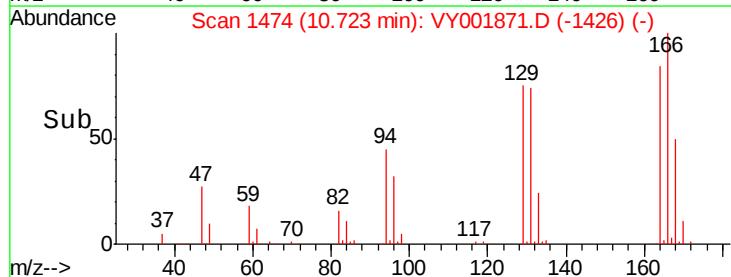
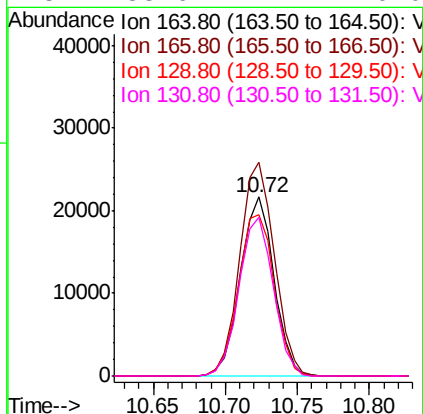
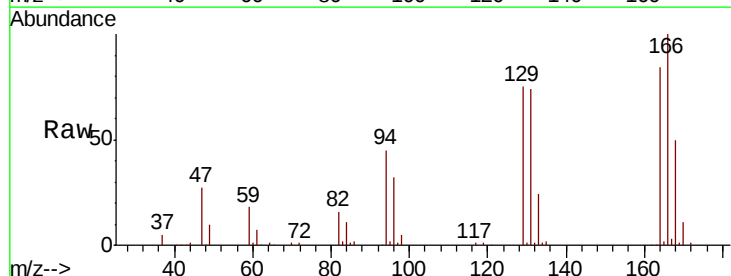
Instrument :
MSVOA_Y
ClientSampled :

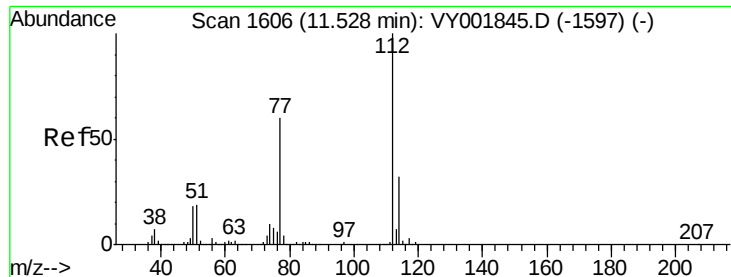
Tot Ion:117 Resp: 289787
Ion Ratio Lower Upper
117 100
82 57.1 44.5 66.7
119 32.4 25.7 38.5



#64
Tetrachloroethene
Concen: 19.289 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY001871.D
Acq: 05 Mar 2020 11:16

Tgt Ion:164 Resp: 35054
Ion Ratio Lower Upper
164 100
166 119.5 102.6 154.0
129 90.2 82.3 123.5
131 88.6 77.4 116.0

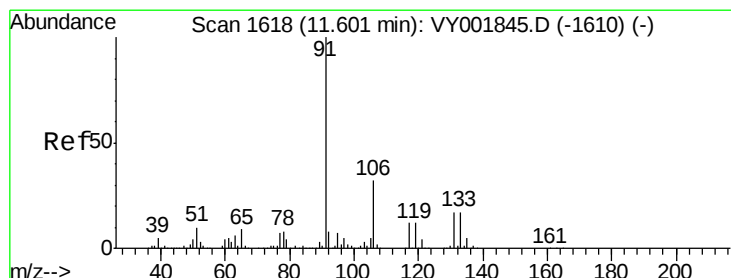
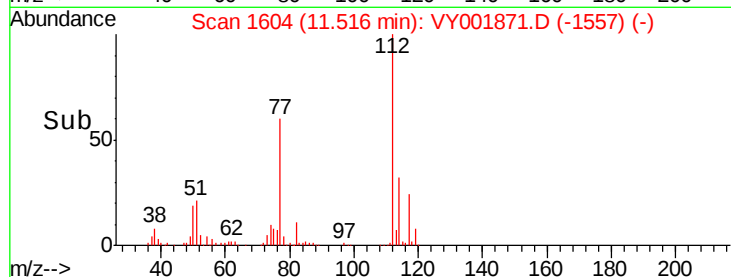
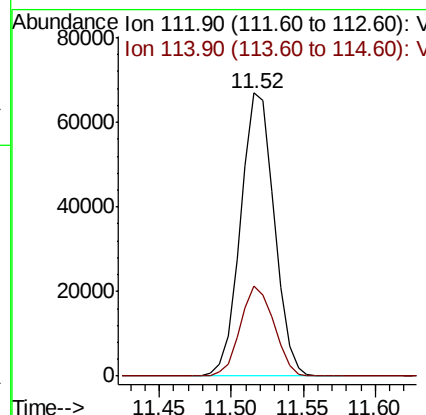
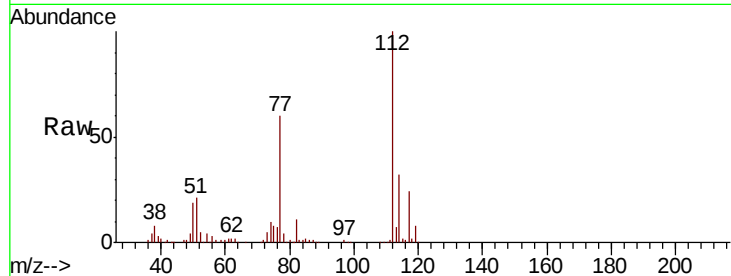




#65
Chlorobenzene
Concen: 18.822 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY001871.D
Acq: 05 Mar 2020 11:16

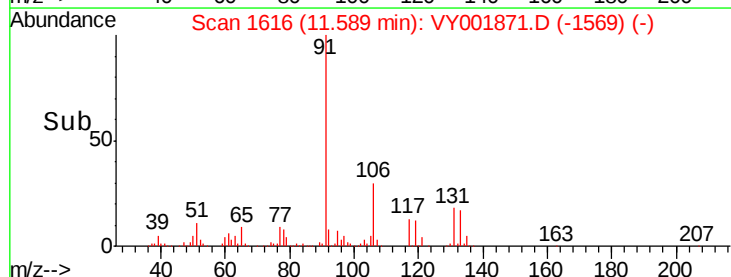
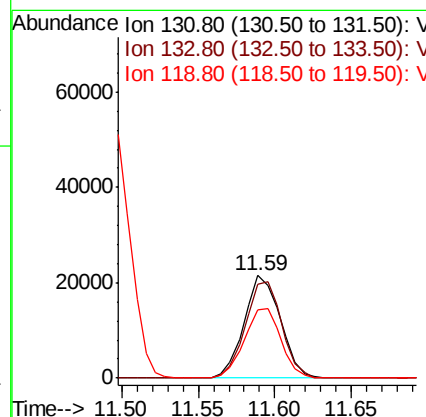
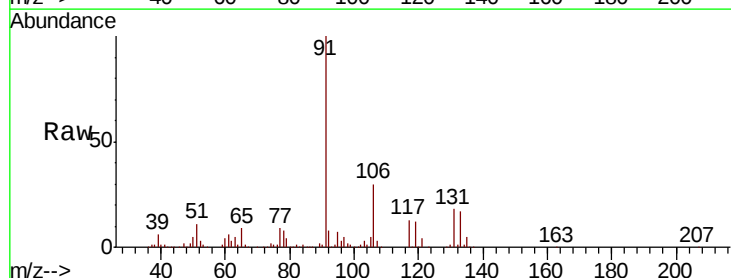
Instrument :
MSVOA_Y
ClientSampleId :

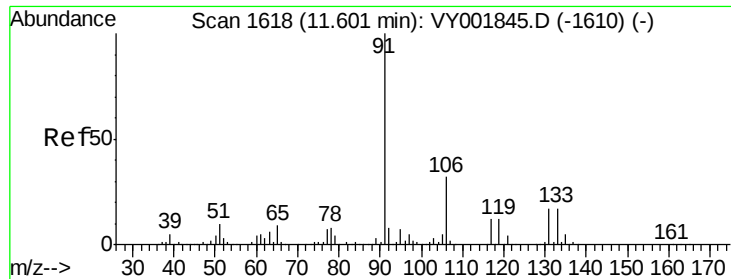
Tot Ion:112 Resp: 108679
Ion Ratio Lower Upper
112 100
114 31.8 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 18.691 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY001871.D
Acq: 05 Mar 2020 11:16

Tgt Ion:131 Resp: 35392
Ion Ratio Lower Upper
131 100
133 94.7 47.1 141.3
119 68.6 34.5 103.6

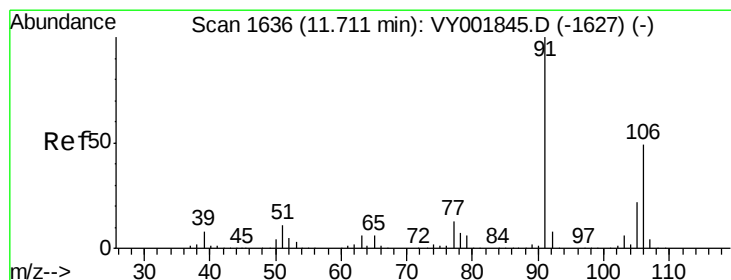
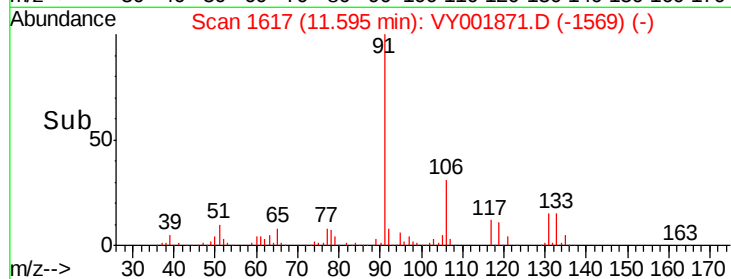
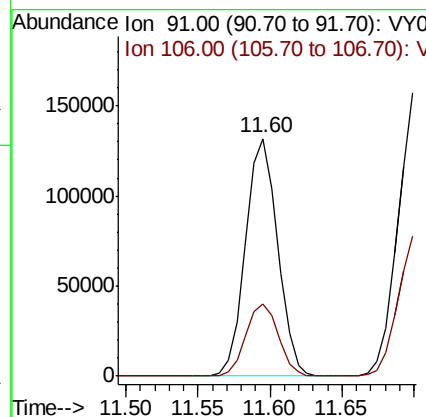
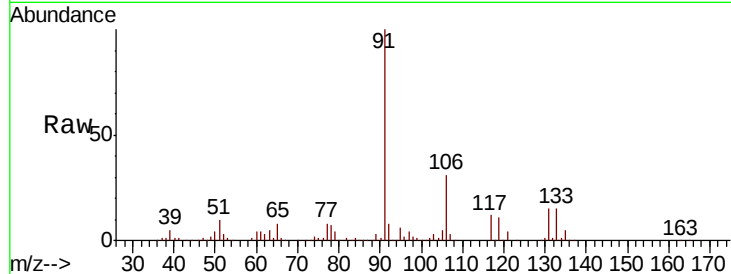




#67
Ethyl Benzene
Concen: 18.915 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY001871.D
Acq: 05 Mar 2020 11:16

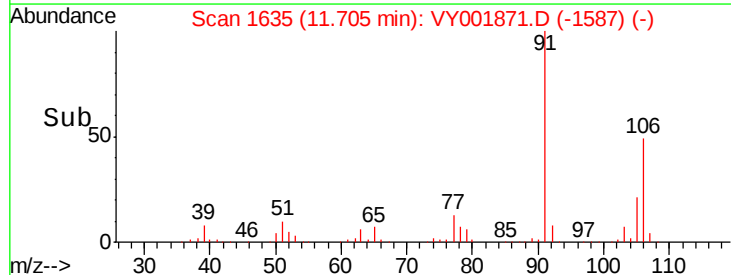
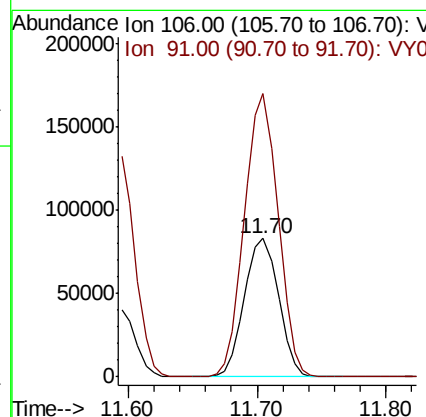
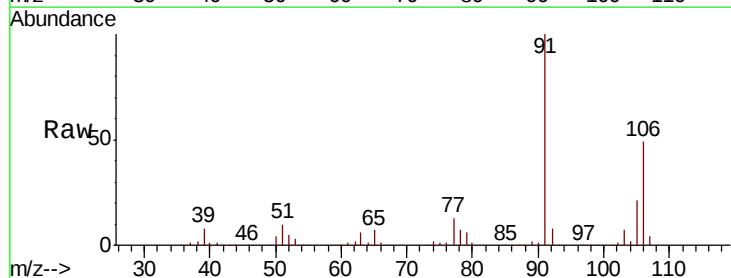
Instrument :
MSVOA_Y
ClientSampleId :

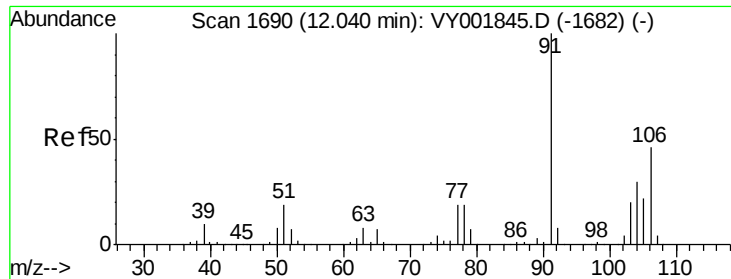
Tot Ion: 91 Resp: 203688
Ion Ratio Lower Upper
91 100
106 30.5 25.4 38.2



#68
m/p-Xylenes
Concen: 38.527 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY001871.D
Acq: 05 Mar 2020 11:16

Tgt Ion: 106 Resp: 153386
Ion Ratio Lower Upper
106 100
91 200.3 161.3 241.9

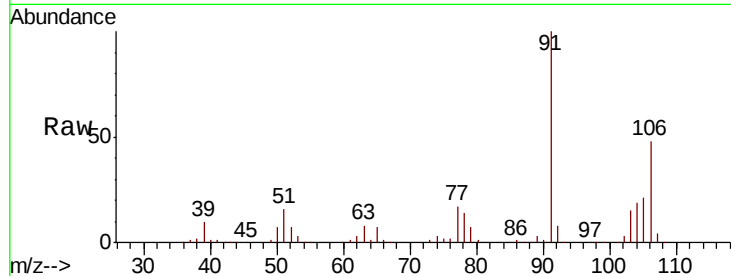




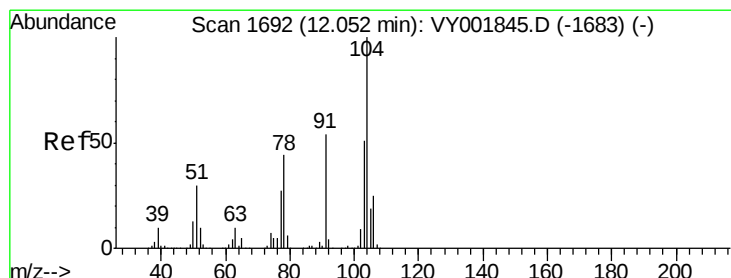
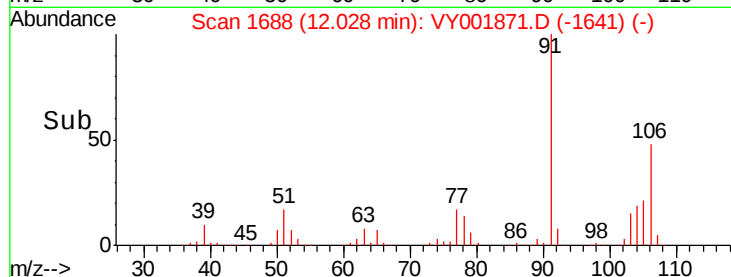
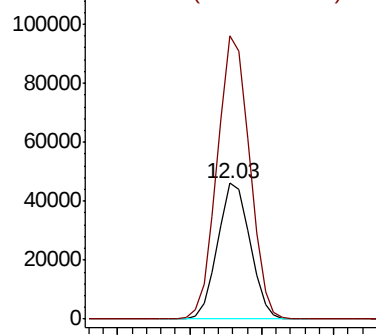
#69
o-Xylene
Concen: 19.108 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY001871.D
Acq: 05 Mar 2020 11:16

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:106 Resp: 71702
Ion Ratio Lower Upper
106 100
91 208.5 106.8 320.4

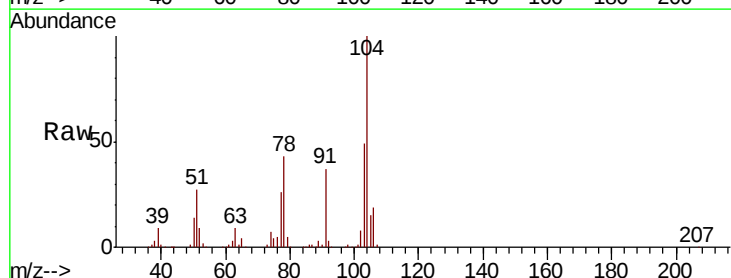


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

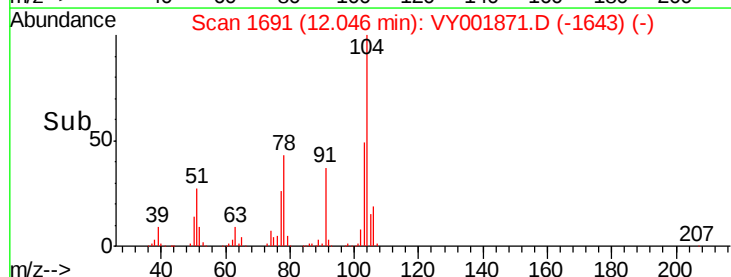
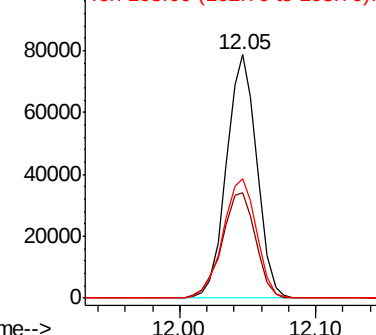


#70
Styrene
Concen: 19.196 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY001871.D
Acq: 05 Mar 2020 11:16

Tgt Ion:104 Resp: 123375
Ion Ratio Lower Upper
104 100
78 48.4 38.5 57.7
103 54.0 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: 18.662 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.01 min

Lab File: VY001871.D

Acq: 05 Mar 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

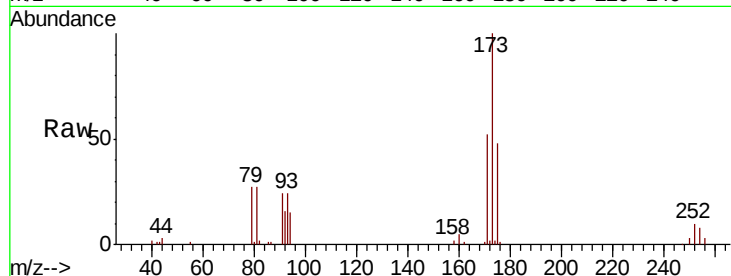
Tot Ion:173 Resp: 19164

Ion Ratio Lower Upper

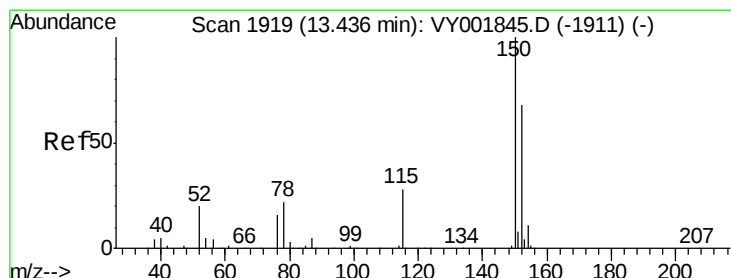
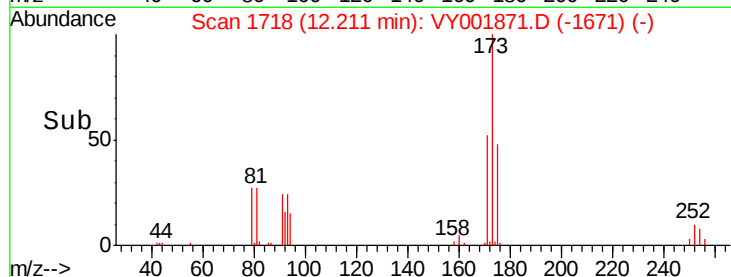
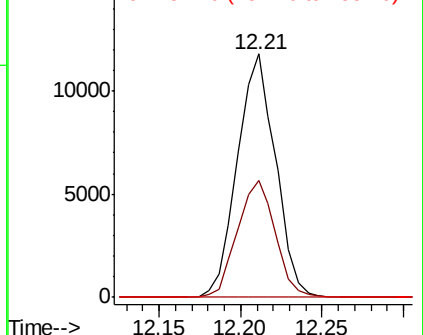
173 100

175 47.6 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: VY001871.D

Acq: 05 Mar 2020 11:16

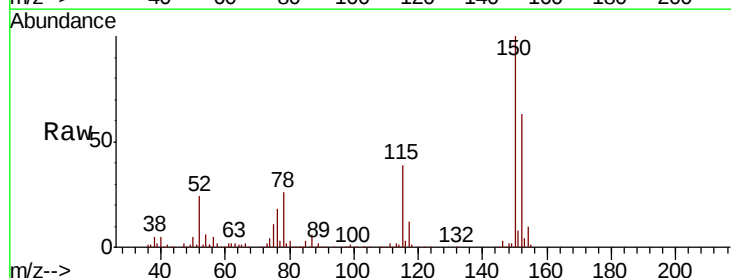
Tgt Ion:152 Resp: 135538

Ion Ratio Lower Upper

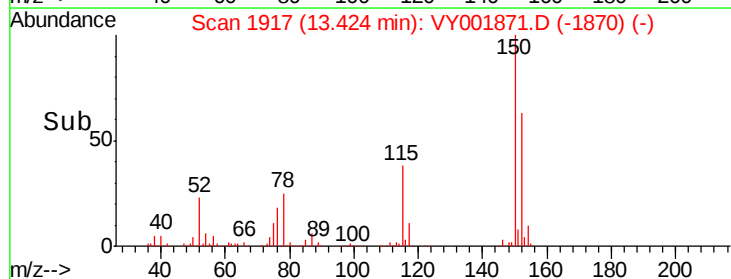
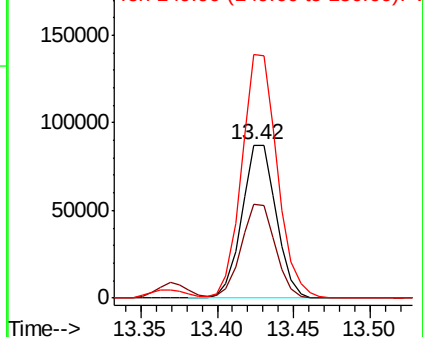
152 100

115 61.2 29.9 89.7

150 164.7 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: 18.459 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY001871.D

Acq: 05 Mar 2020 11:16

Instrument :

MSVOA_Y

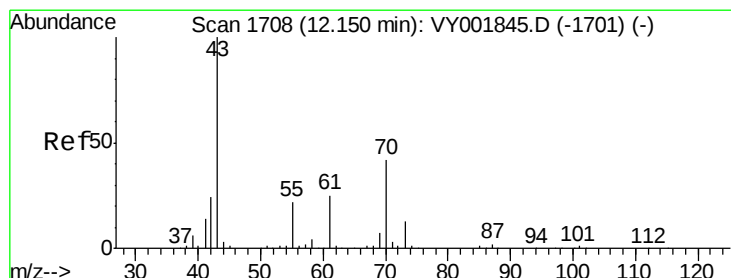
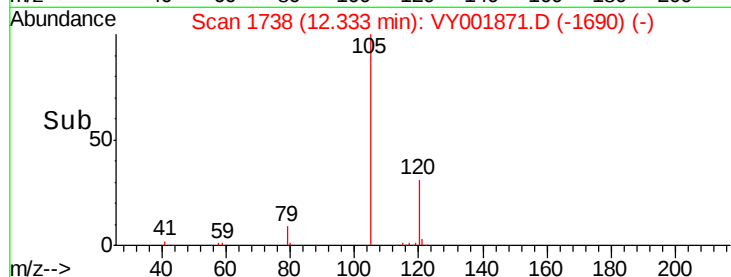
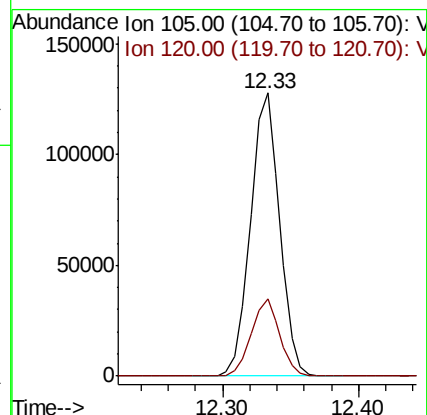
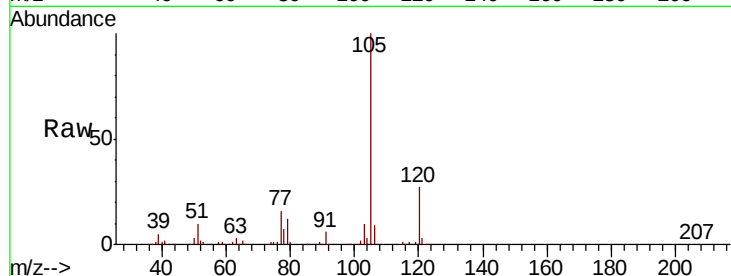
ClientSampled :

Tot Ion:105 Resp: 190992

Ion Ratio Lower Upper

105 100

120 26.6 13.1 39.3



#74

N-ethyl acetate

Concen: 19.094 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.01 min

Lab File: VY001871.D

Acq: 05 Mar 2020 11:16

Tgt Ion: 43 Resp: 60719

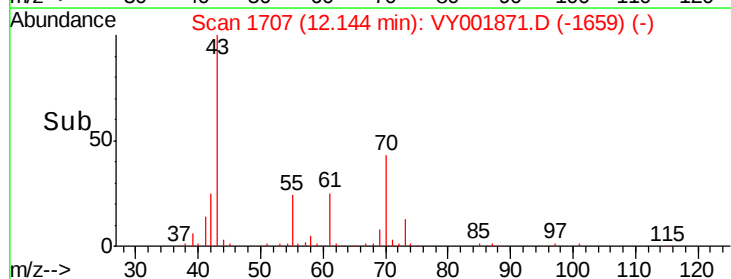
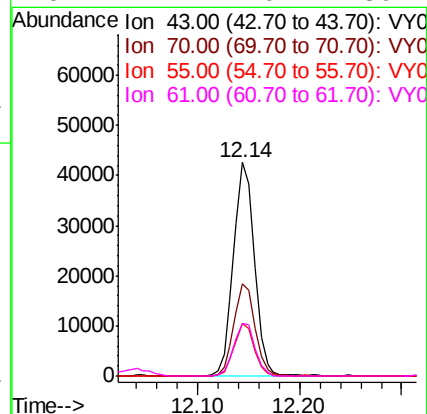
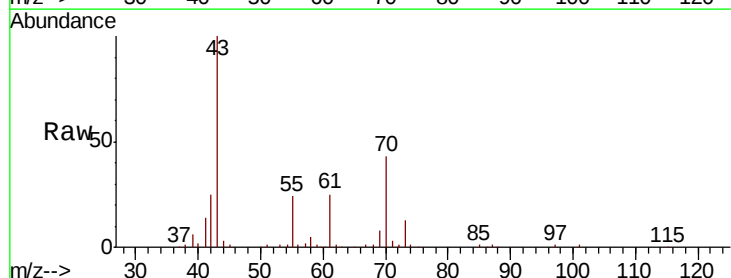
Ion Ratio Lower Upper

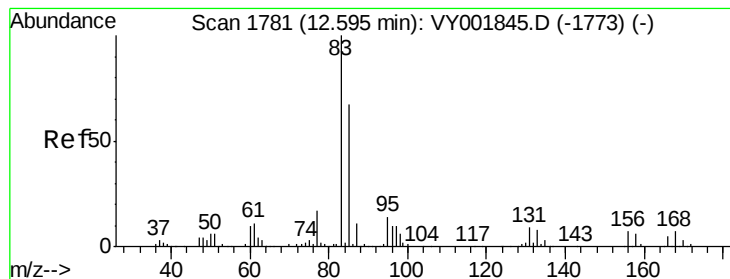
43 100

70 43.2 34.7 52.1

55 23.4 18.2 27.4

61 24.4 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.125 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VY001871.D

Acq: 05 Mar 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

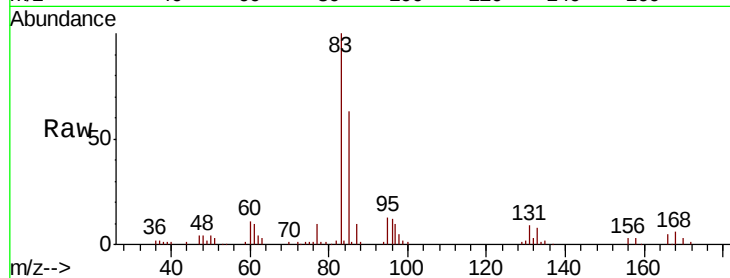
Tot Ion: 83 Resp: 42673

Ion Ratio Lower Upper

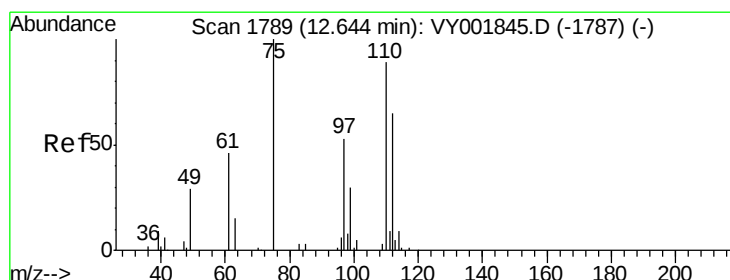
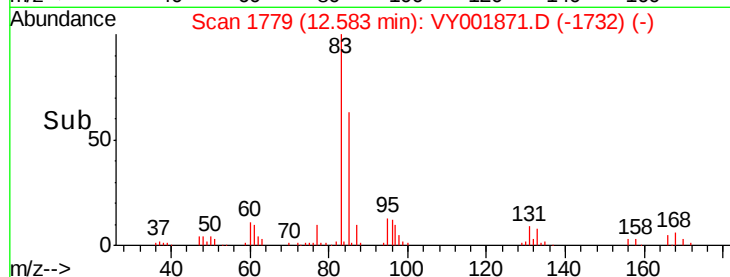
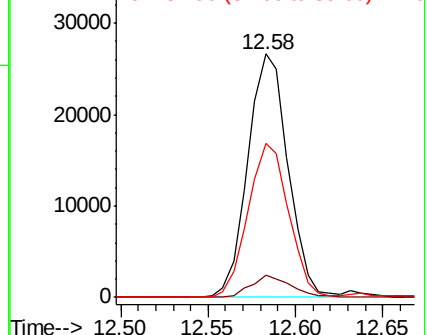
83 100

131 9.0 4.6 13.8

85 63.8 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 33.265 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VY001871.D

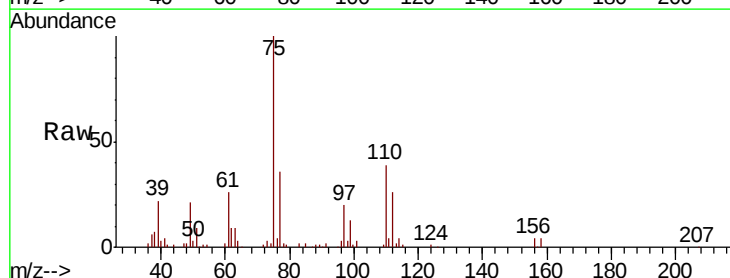
Acq: 05 Mar 2020 11:16

Tgt Ion: 75 Resp: 53499

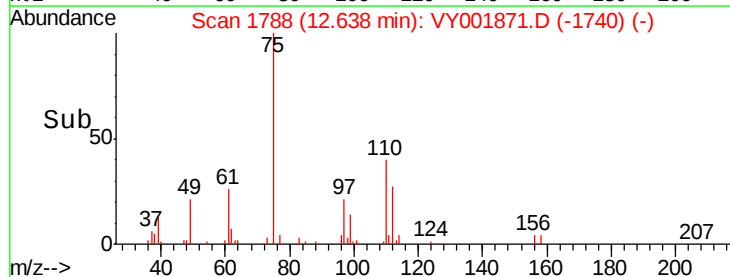
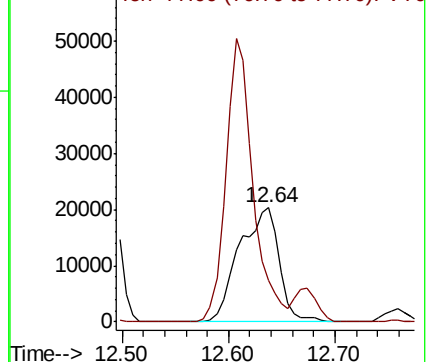
Ion Ratio Lower Upper

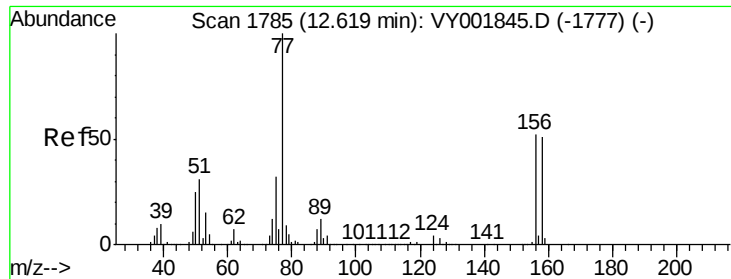
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 18.907 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VY001871.D

Acq: 05 Mar 2020 11:16

Instrument :

MSVOA_Y

ClientSampled :

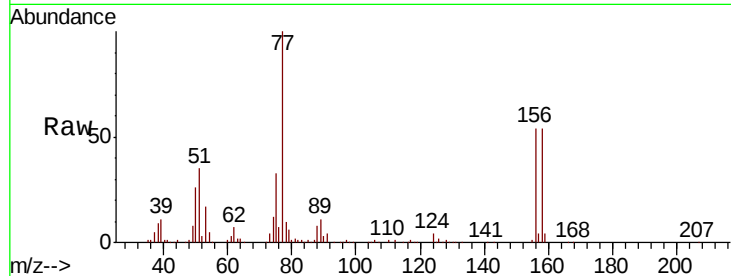
Tot Ion:156 Resp: 41446

Ion Ratio Lower Upper

156 100

77 217.3 109.0 327.0

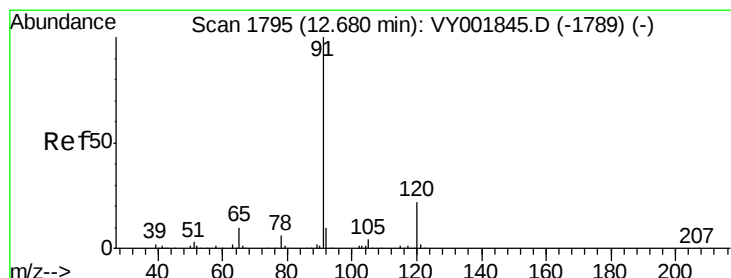
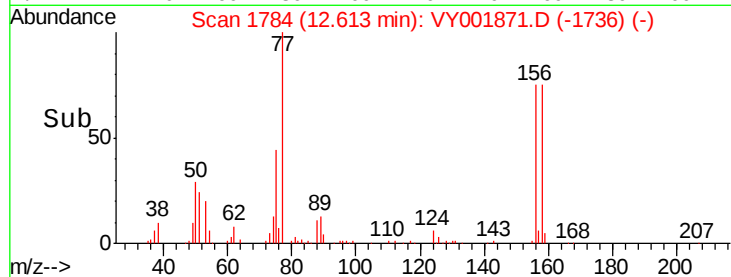
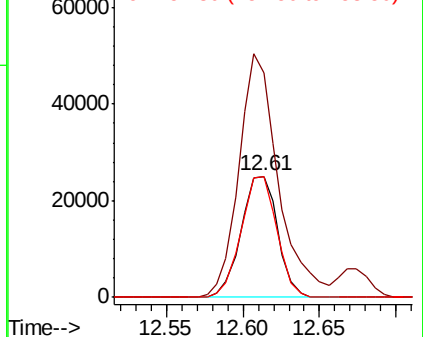
158 98.0 48.9 146.8



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: 18.488 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY001871.D

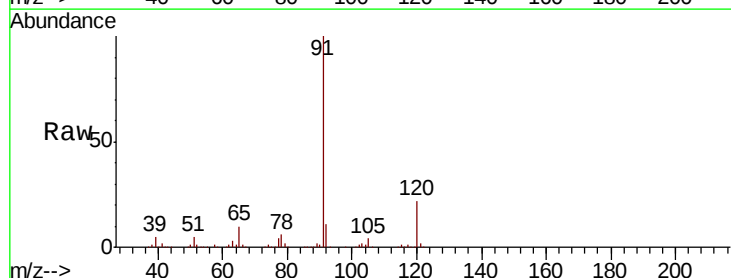
Acq: 05 Mar 2020 11:16

Tgt Ion: 91 Resp: 235998

Ion Ratio Lower Upper

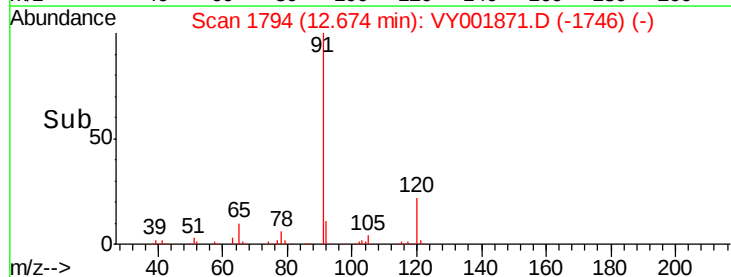
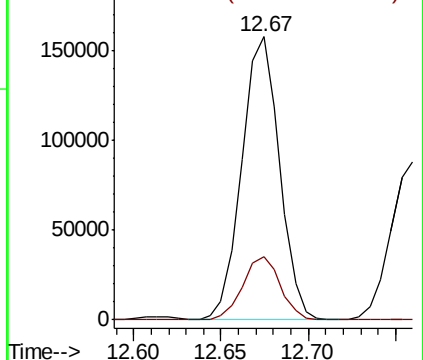
91 100

120 22.3 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: 18.703 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.01 min

Lab File: VY001871.D

Acq: 05 Mar 2020 11:16

Instrument :

MSVOA_Y

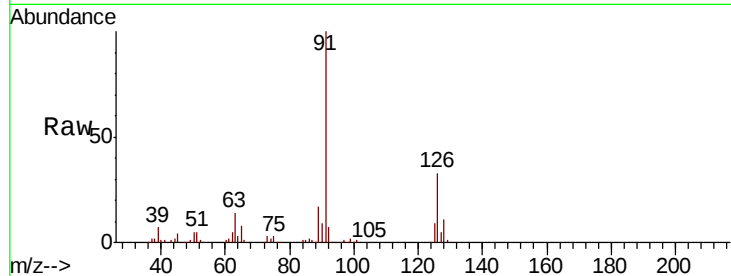
ClientSampleId :

Tot Ion: 91 Resp: 131900

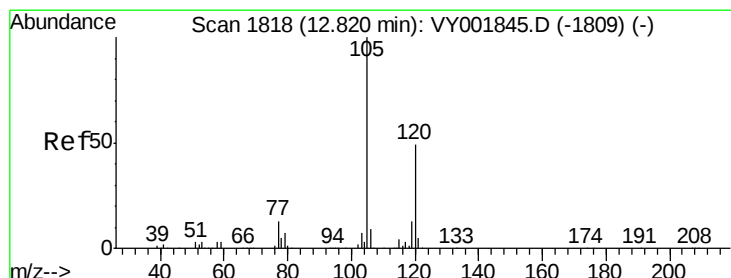
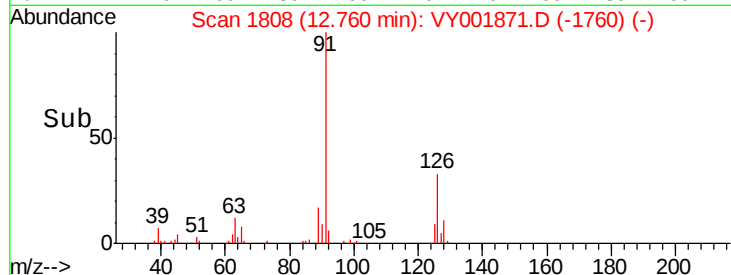
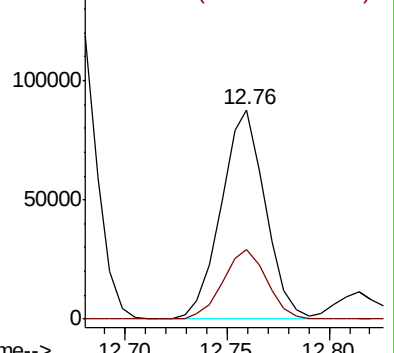
Ion Ratio Lower Upper

91 100

126 33.2 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VY001845.D (-1802) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.686 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VY001871.D

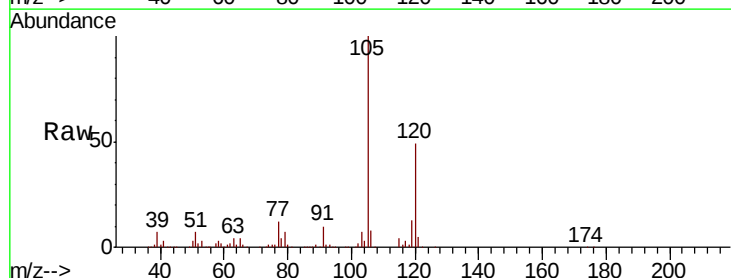
Acq: 05 Mar 2020 11:16

Tgt Ion:105 Resp: 159164

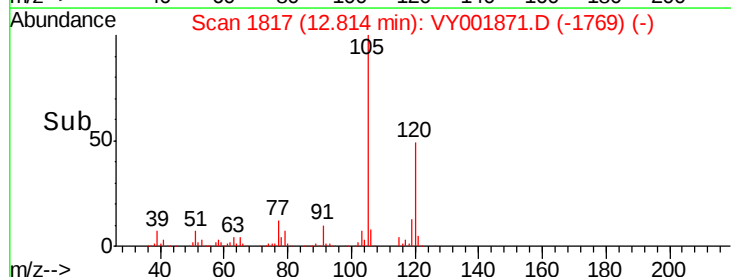
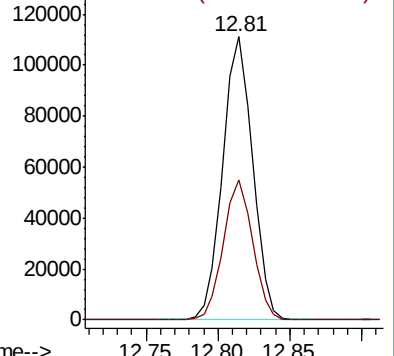
Ion Ratio Lower Upper

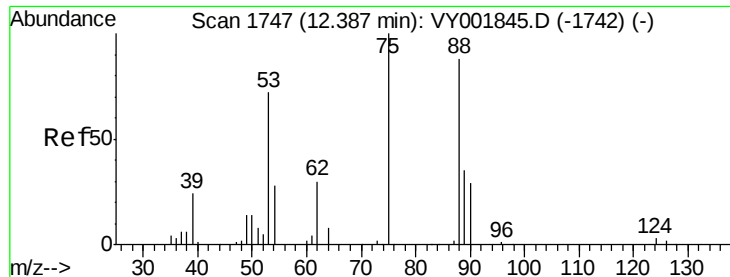
105 100

120 48.6 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): VY001845.D (-1809) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.908 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VY001871.D

Acq: 05 Mar 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

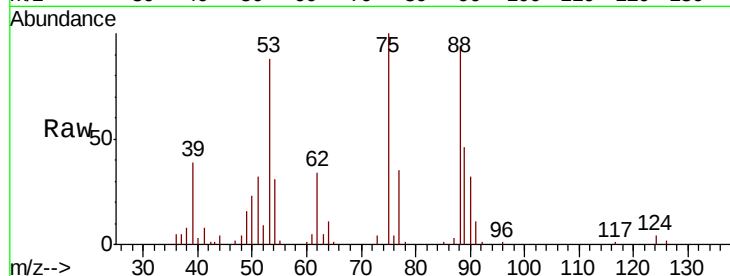
Tot Ion: 75 Resp: 14258

Ion Ratio Lower Upper

75 100

53 89.6 65.4 98.0

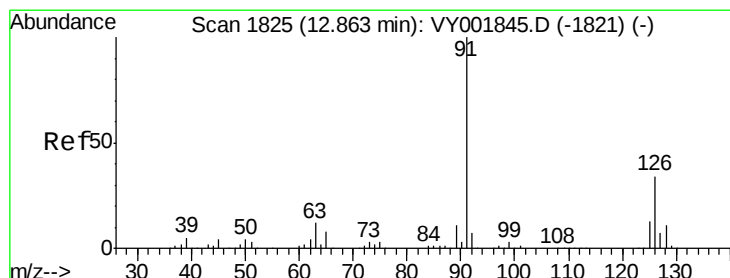
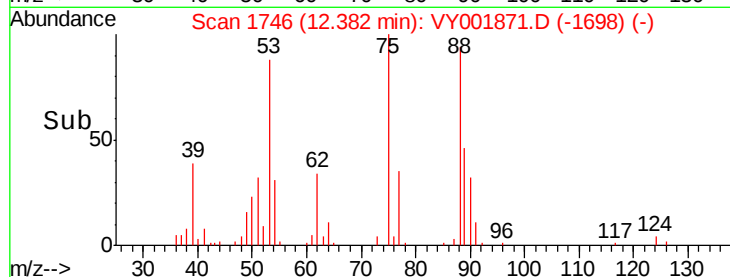
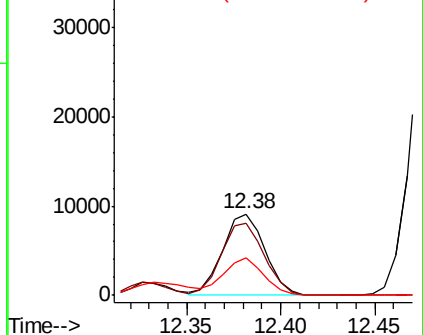
89 43.1 36.0 54.0



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: 18.757 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VY001871.D

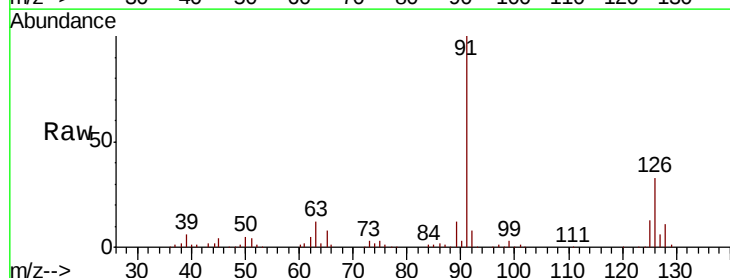
Acq: 05 Mar 2020 11:16

Tgt Ion: 91 Resp: 137726

Ion Ratio Lower Upper

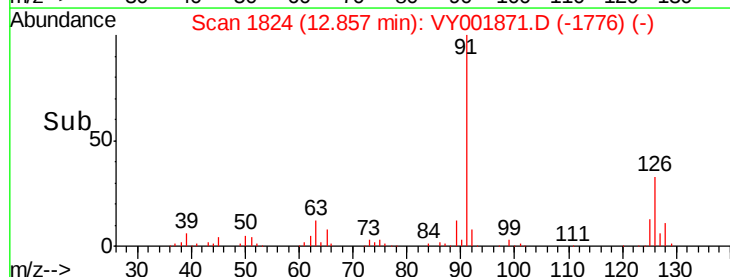
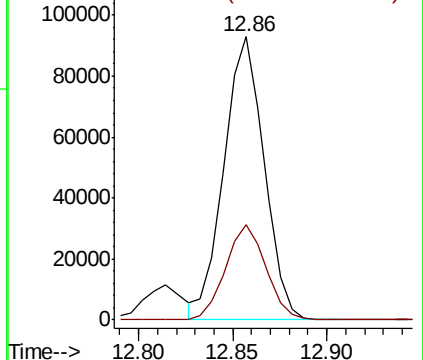
91 100

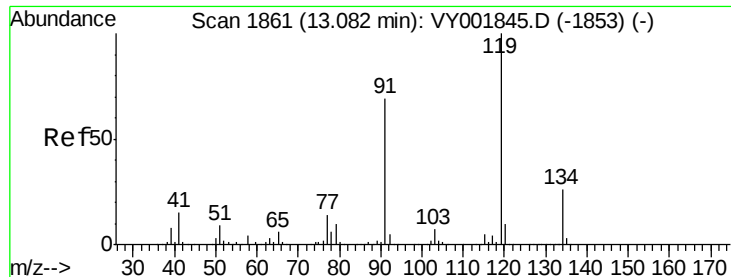
126 33.6 16.4 49.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 18.559 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. -0.01 min

Lab File: VY001871.D

Acq: 05 Mar 2020 11:16

Instrument :

MSVOA_Y

ClientSampled :

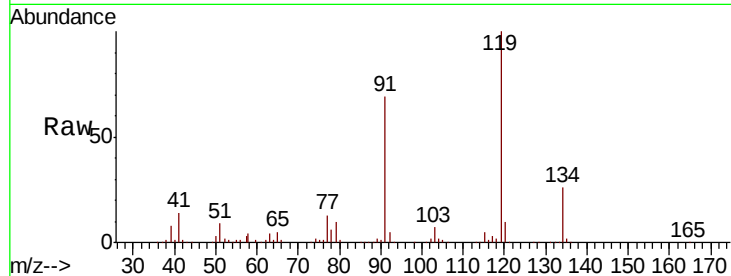
Tot Ion:119 Resp: 131298

Ion Ratio Lower Upper

119 100

91 65.6 34.0 101.8

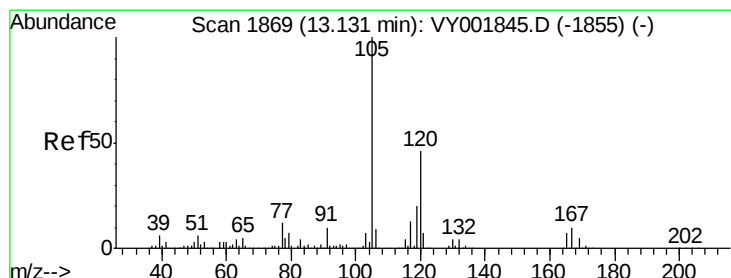
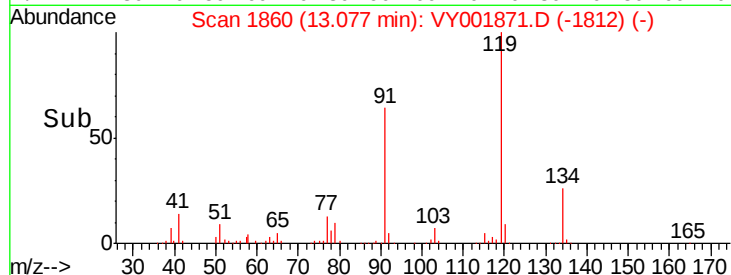
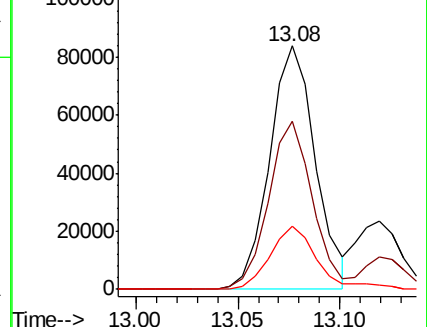
134 26.8 13.5 40.4



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: 19.004 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.01 min

Lab File: VY001871.D

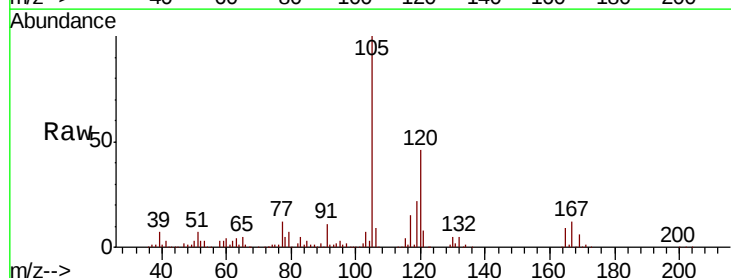
Acq: 05 Mar 2020 11:16

Tgt Ion:105 Resp: 160642

Ion Ratio Lower Upper

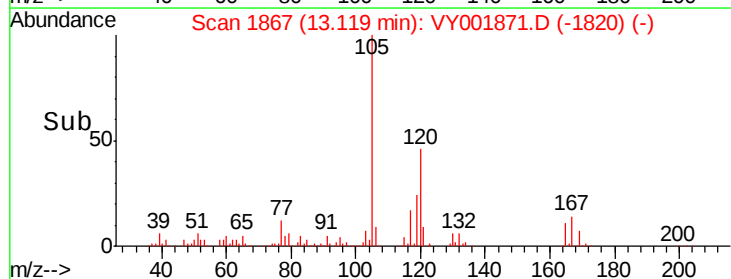
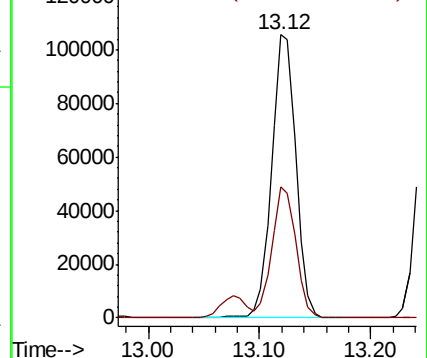
105 100

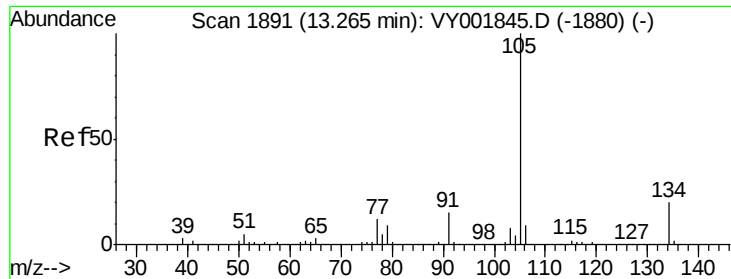
120 45.6 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.696 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.01 min

Lab File: VY001871.D

Acq: 05 Mar 2020 11:16

Instrument :

MSVOA_Y

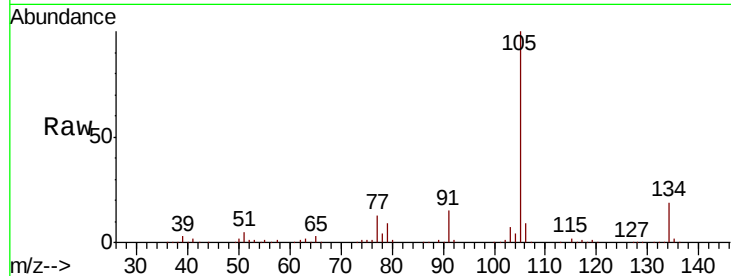
ClientSampleId :

Tot Ion:105 Resp: 194965

Ion Ratio Lower Upper

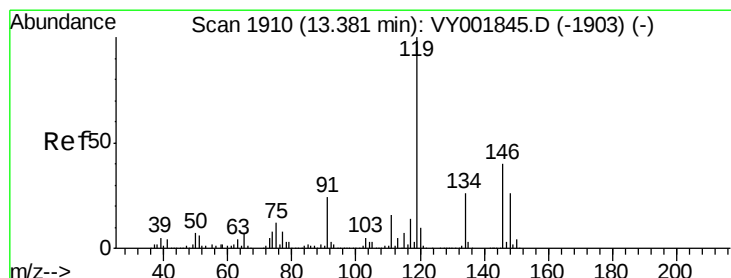
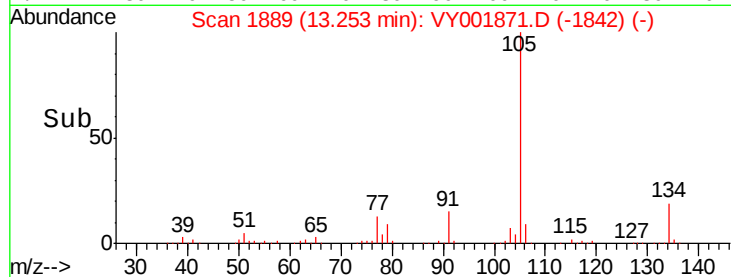
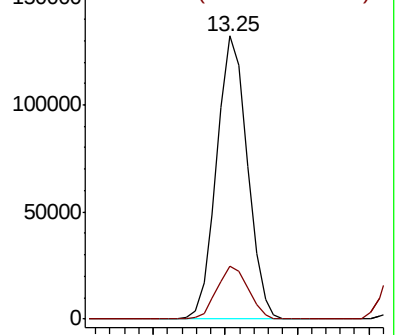
105 100

134 19.2 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: 18.976 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.01 min

Lab File: VY001871.D

Acq: 05 Mar 2020 11:16

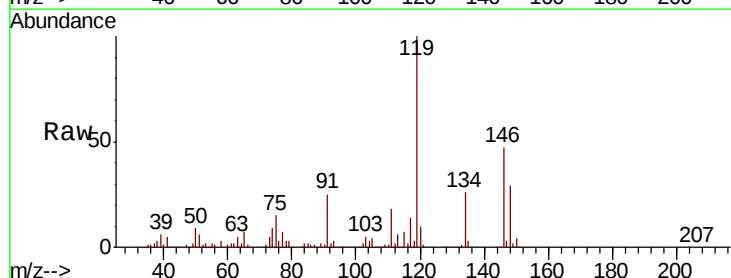
Tgt Ion:119 Resp: 170700

Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.3

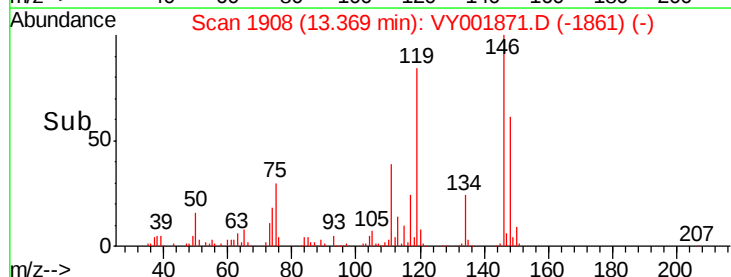
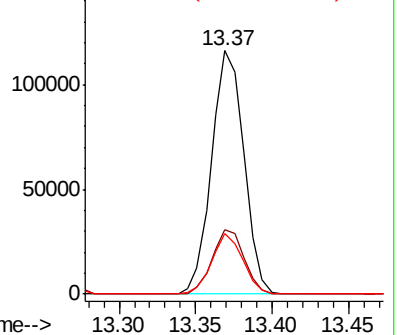
91 23.6 11.9 35.7

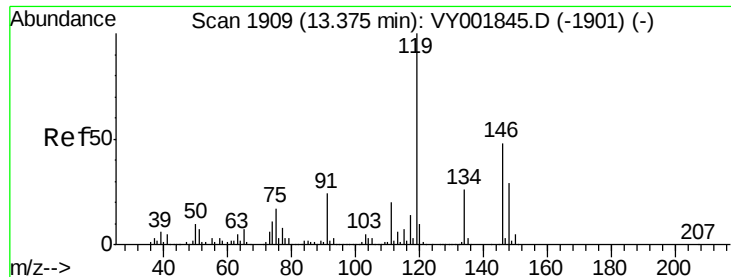


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

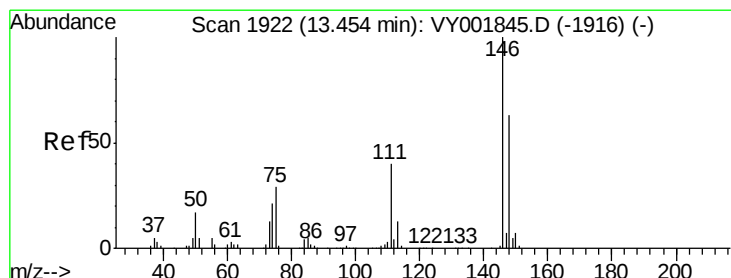
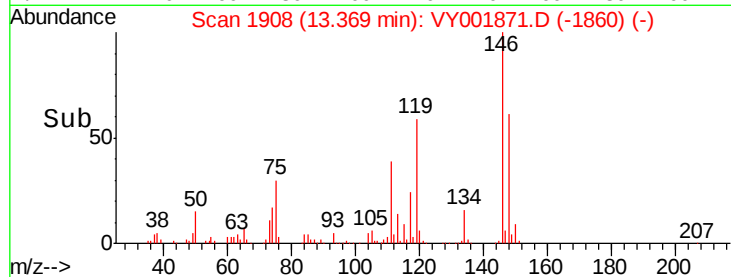
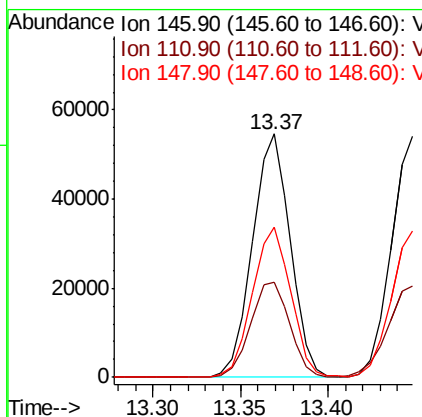
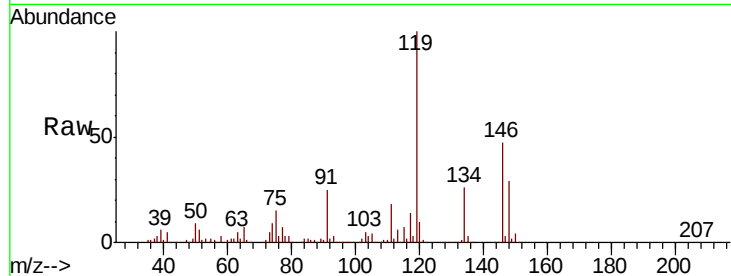




#87
 1,3-Dichlorobenzene
 Concen: 19.074 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY001871.D
 Acq: 05 Mar 2020 11:16

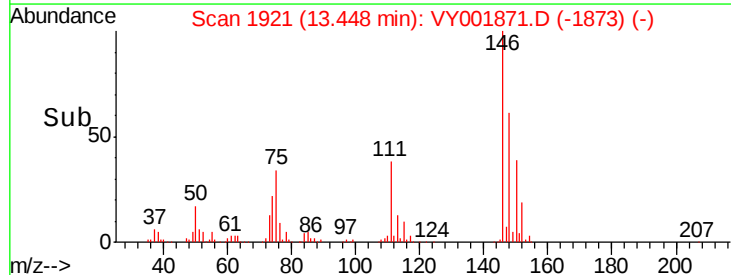
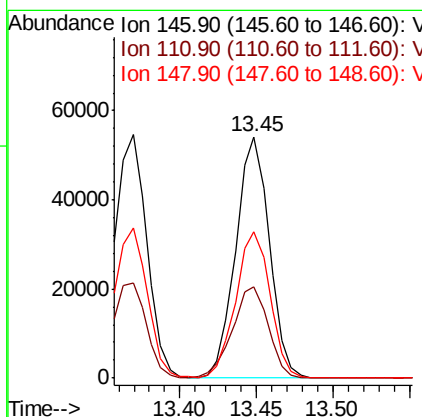
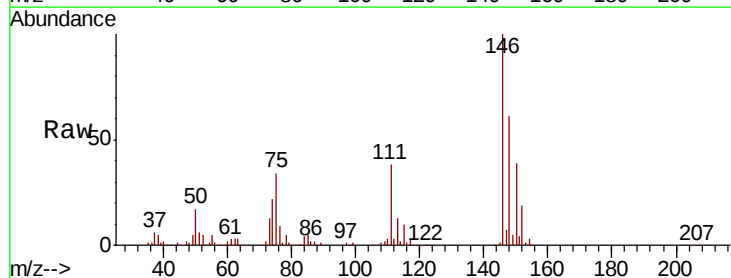
Instrument :
 MSVOA_Y
 ClientSampleId :

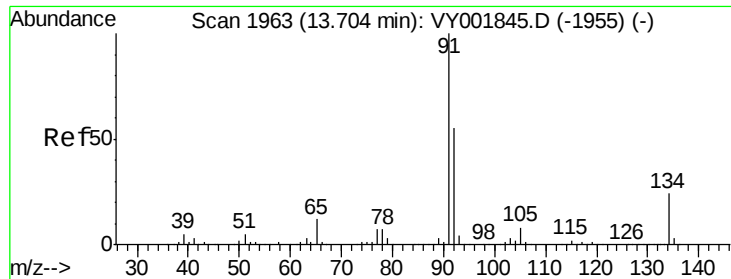
Tot Ion:146 Resp: 81935
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.8 62.5
 148 62.7 31.4 94.0



#88
 1,4-Dichlorobenzene
 Concen: 18.906 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY001871.D
 Acq: 05 Mar 2020 11:16

Tgt Ion:146 Resp: 82390
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.0 60.0
 148 62.5 31.5 94.5





#89

n-Butylbenzene

Concen: 18.929 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. -0.01 min

Lab File: VY001871.D

Acq: 05 Mar 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

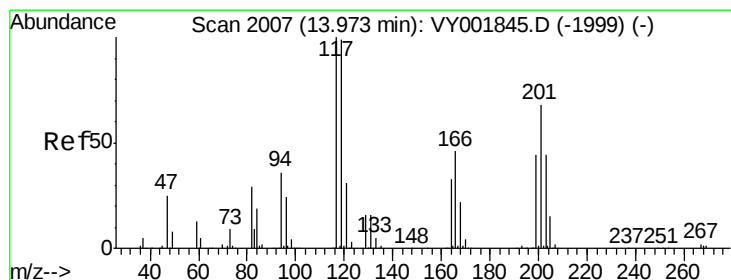
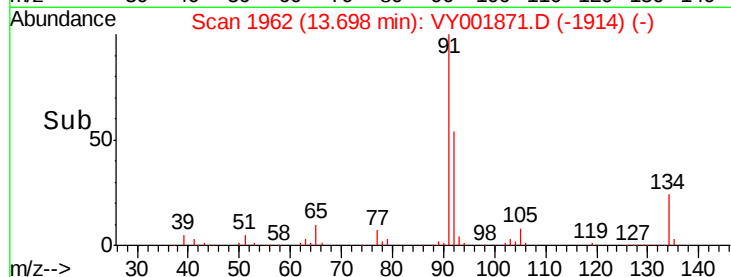
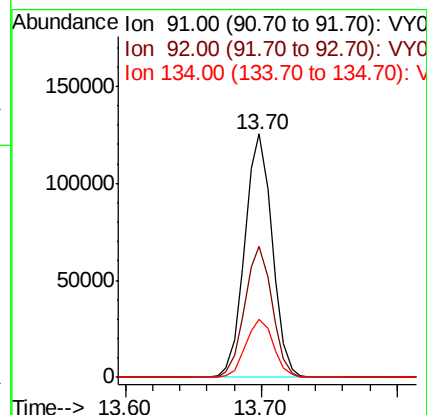
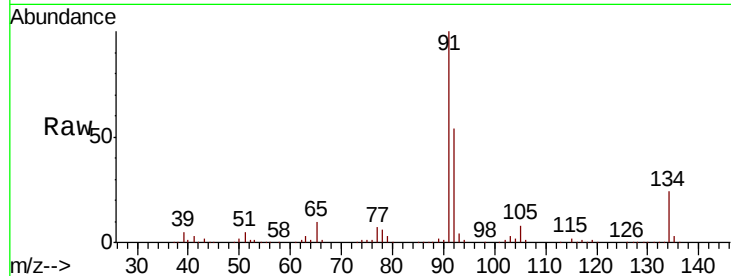
Tot Ion: 91 Resp: 176657

Ion Ratio Lower Upper

91 100

92 54.1 27.5 82.4

134 24.0 12.5 37.5



#90

Hexachloroethane

Concen: 17.777 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.01 min

Lab File: VY001871.D

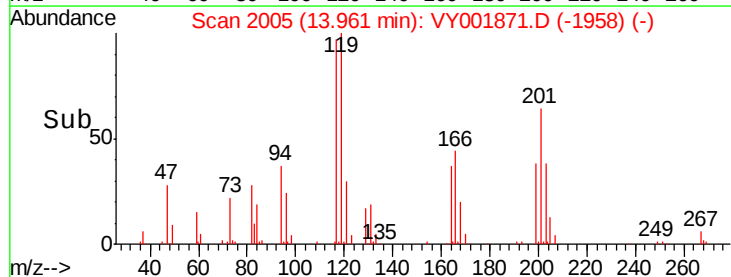
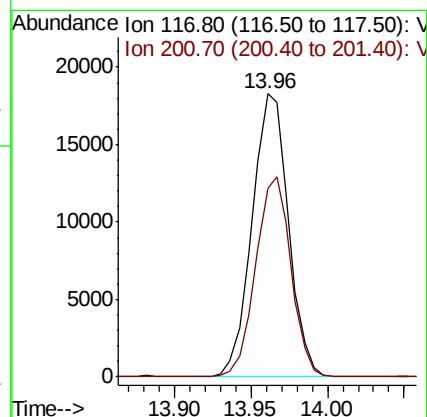
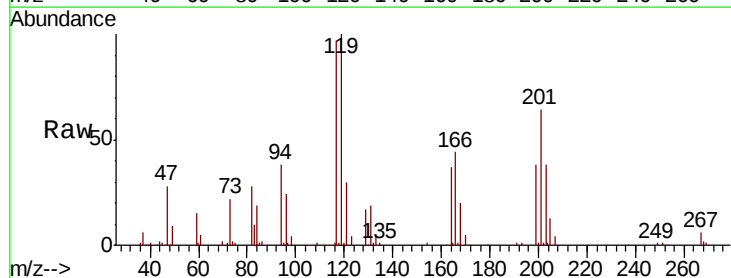
Acq: 05 Mar 2020 11:16

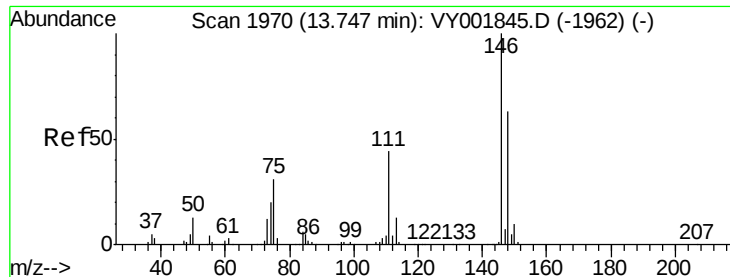
Tgt Ion: 117 Resp: 30168

Ion Ratio Lower Upper

117 100

201 68.4 32.5 97.5

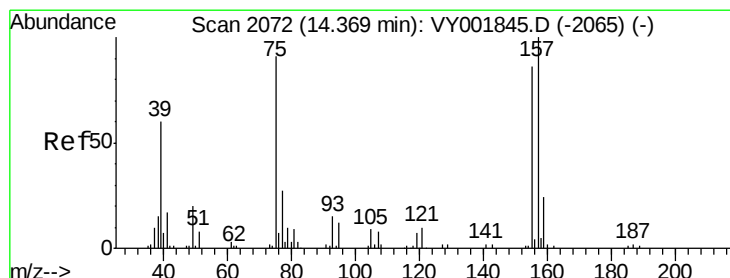
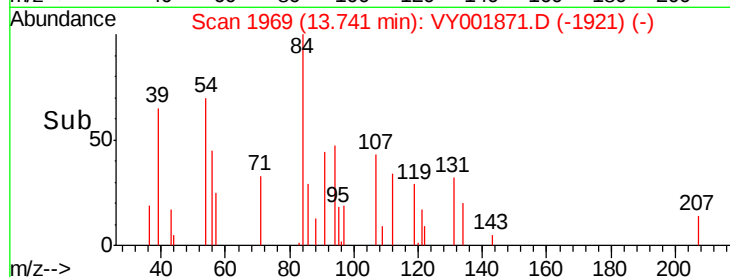
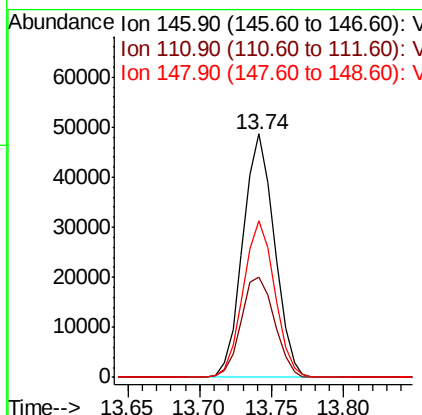
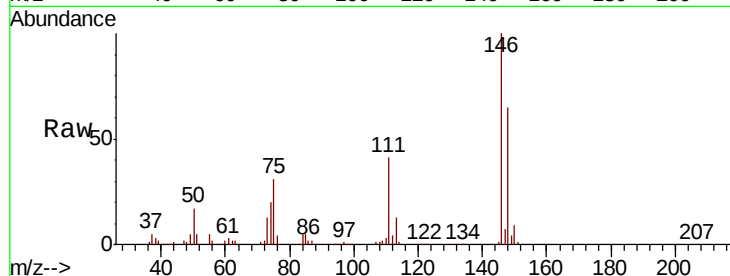




#91
 1,2-Dichlorobenzene
 Concen: 18.953 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: VY001871.D
 Acq: 05 Mar 2020 11:16

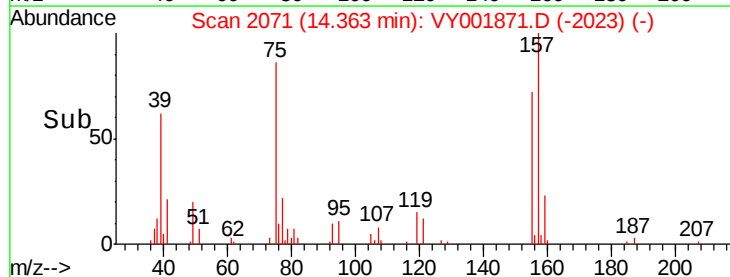
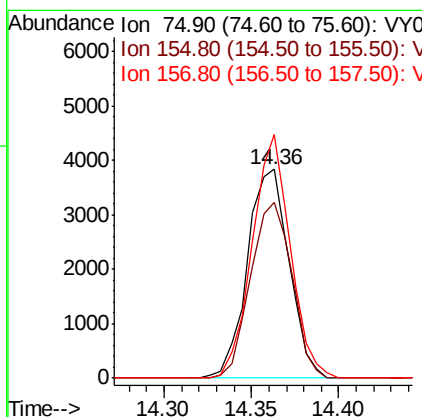
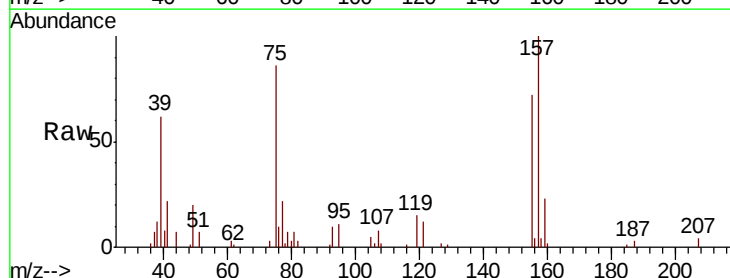
Instrument :
 MSVOA_Y
 ClientSampleId :

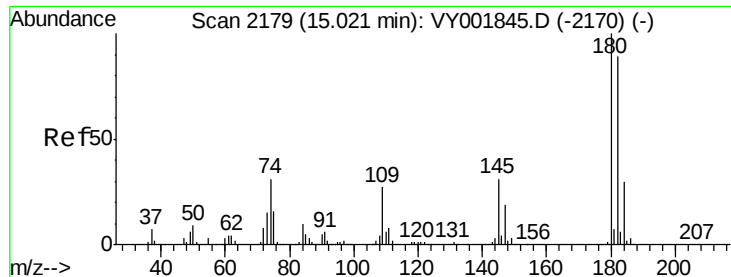
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.5	64.5
148	63.9	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.224 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VY001871.D
 Acq: 05 Mar 2020 11:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.4	42.9	128.7
157	106.4	53.1	159.4

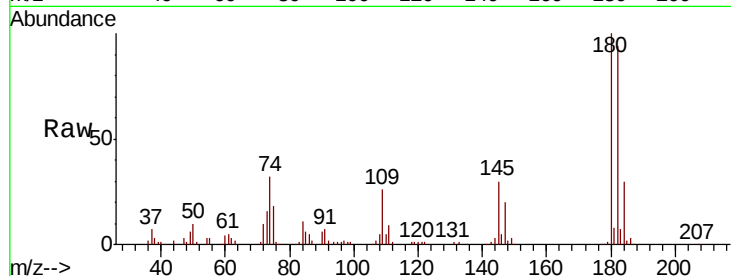




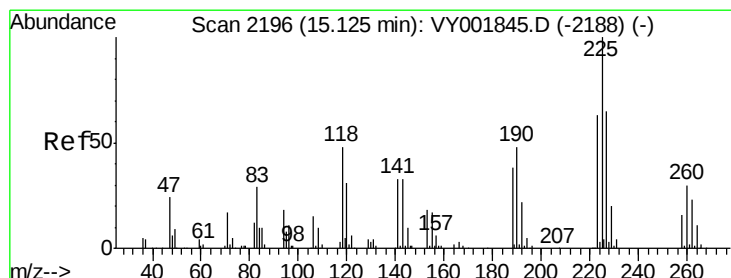
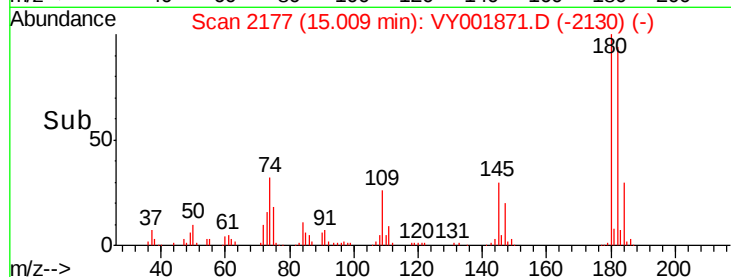
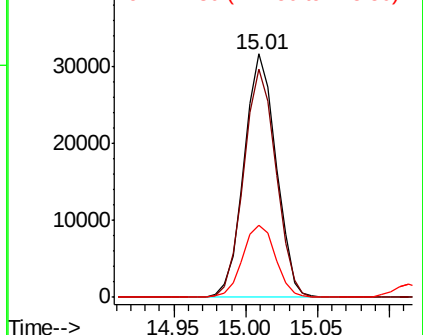
#93
1,2,4-Trichlorobenzene
Concen: 19.160 ug/l
RT: 15.01 min Scan# 2177
Delta R.T. -0.01 min
Lab File: VY001871.D
Acq: 05 Mar 2020 11:16

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	46.1	138.3
145	30.5	15.6	46.8

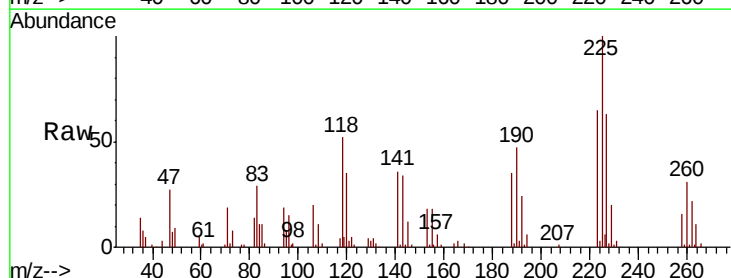


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

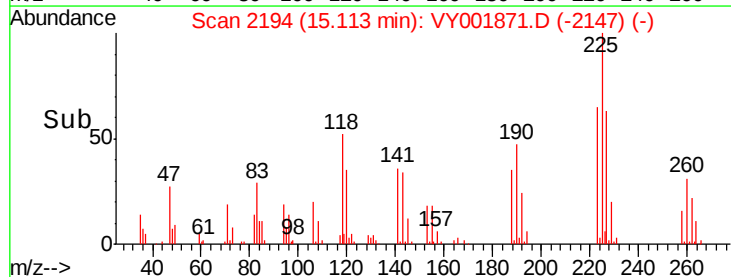
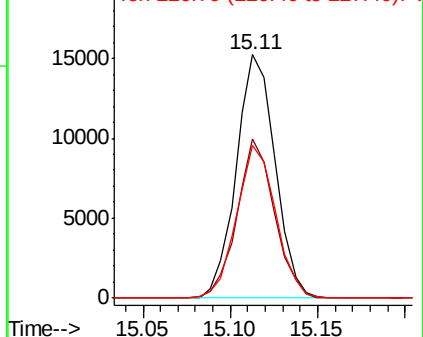


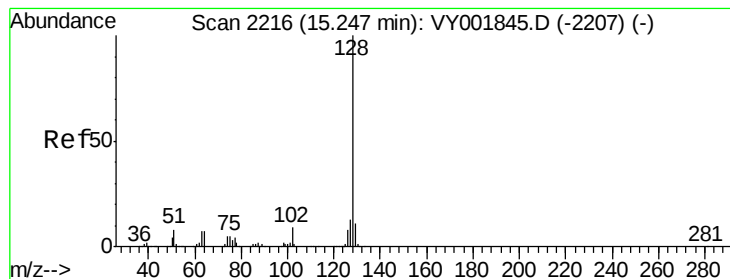
#94
Hexachlorobutadiene
Concen: 19.055 ug/l
RT: 15.11 min Scan# 2194
Delta R.T. -0.01 min
Lab File: VY001871.D
Acq: 05 Mar 2020 11:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.5	94.5
227	63.2	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: 18.779 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY001871.D

Acq: 05 Mar 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

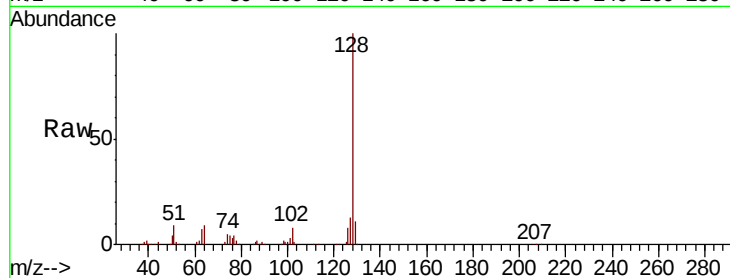
Tot Ion:128 Resp: 112731

Ion Ratio Lower Upper

128 100

127 13.0 10.1 15.1

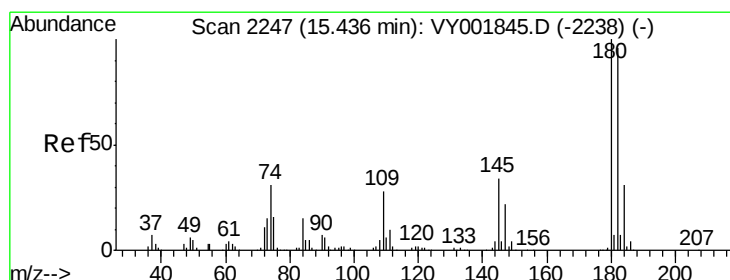
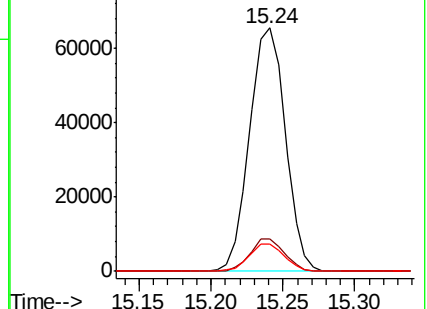
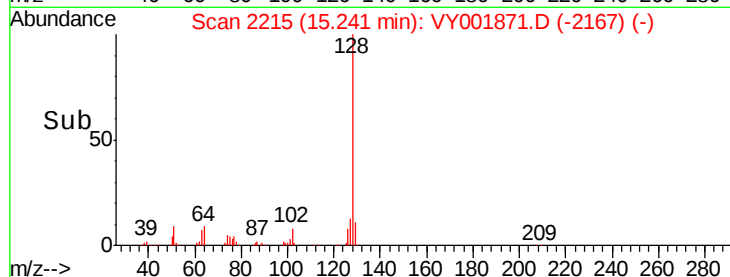
129 11.1 8.6 13.0



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: 19.391 ug/l

RT: 15.43 min Scan# 2246

Delta R.T. -0.01 min

Lab File: VY001871.D

Acq: 05 Mar 2020 11:16

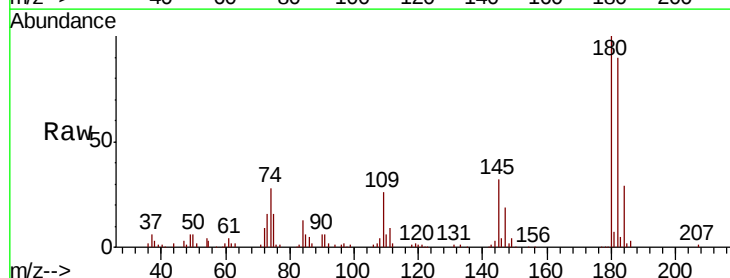
Tgt Ion:180 Resp: 43232

Ion Ratio Lower Upper

180 100

182 92.9 47.6 142.9

145 33.2 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

