

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012420\
 Data File : VY001374.D
 Acq On : 24 Jan 2020 12:15
 Operator : SY/MD
 Sample : VY0124SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 25 03:47:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	187006	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	323029	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	287660	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	137381	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	107122	52.64	ug/l	0.00
Spiked Amount			Recovery	=	105.28%	
35) Dibromofluoromethane	7.74	113	98352	51.88	ug/l	0.00
Spiked Amount			Recovery	=	103.76%	
50) Toluene-d8	10.19	98	408706	55.49	ug/l	0.00
Spiked Amount			Recovery	=	110.98%	
62) 4-Bromofluorobenzene	12.49	95	149603	51.00	ug/l	0.00
Spiked Amount			Recovery	=	102.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	34597	23.460	ug/l	96
3) Chloromethane	2.13	50	47643	21.375	ug/l	99
4) Vinyl Chloride	2.26	62	49876	21.461	ug/l	95
5) Bromomethane	2.66	94	33388	21.331	ug/l	100
6) Chloroethane	2.81	64	31540	21.238	ug/l	99
7) Trichlorofluoromethane	3.15	101	65513	22.032	ug/l	99
8) Diethyl Ether	3.55	74	25526	20.335	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.92	101	42389	22.384	ug/l	99
10) Methyl Iodide	4.11	142	49392	19.776	ug/l	99
11) Tert butyl alcohol	4.99	59	29726	104.946	ug/l #	94
12) 1,1-Dichloroethene	3.90	96	41722	21.013	ug/l	99
13) Acrolein	3.75	56	19170	120.316	ug/l	96
14) Allyl chloride	4.50	41	73775	20.835	ug/l	99
15) Acrylonitrile	5.20	53	67527	105.093	ug/l	99
16) Acetone	3.97	43	59790	107.209	ug/l	99
17) Carbon Disulfide	4.22	76	134956	21.612	ug/l	99
18) Methyl Acetate	4.50	43	34144	19.897	ug/l	98
19) Methyl tert-butyl Ether	5.25	73	117538	20.218	ug/l	97
20) Methylene Chloride	4.75	84	53941	18.824	ug/l	99
21) trans-1,2-Dichloroethene	5.25	96	47127	20.433	ug/l	96
22) Diisopropyl ether	6.14	45	150501	20.016	ug/l	99
23) Vinyl Acetate	6.09	43	505228	103.502	ug/l	100
24) 1,1-Dichloroethane	6.05	63	81503	20.565	ug/l	99
25) 2-Butanone	7.02	43	92819	104.798	ug/l	97
26) 2,2-Dichloropropane	7.00	77	74008	20.964	ug/l	97
27) cis-1,2-Dichloroethene	7.01	96	53175	20.630	ug/l	99
28) Bromochloromethane	7.36	49	31497	19.271	ug/l	99
29) Tetrahydrofuran	7.37	42	59470	103.207	ug/l	99
30) Chloroform	7.53	83	78873	20.304	ug/l	95
31) Cyclohexane	7.80	56	85055	21.616	ug/l	98
32) 1,1,1-Trichloroethane	7.72	97	68846	20.990	ug/l	100
36) 1,1-Dichloropropene	7.94	75	65101	21.332	ug/l	98
37) Ethyl Acetate	7.10	43	40221	21.571	ug/l	99
38) Carbon Tetrachloride	7.92	117	59132	21.741	ug/l	95

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 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
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Quant Time: Jan 25 03:47:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	88418	22.616	ug/l	98
40) Benzene	8.18	78	193263	21.120	ug/l	99
41) Methacrylonitrile	7.34	41	20621	21.431	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	53004	20.730	ug/l	99
43) Isopropyl Acetate	8.29	43	76889	21.207	ug/l	99
44) Trichloroethene	8.96	130	49712	21.171	ug/l	95
45) 1,2-Dichloropropane	9.23	63	48506	20.969	ug/l	97
46) Dibromomethane	9.31	93	25914	20.867	ug/l	99
47) Bromodichloromethane	9.51	83	61648	20.766	ug/l	99
48) Methyl methacrylate	9.30	41	34561	20.969	ug/l	98
49) 1,4-Dioxane	9.31	88	7289	416.211	ug/l #	89
51) 4-Methyl-2-Pentanone	10.08	43	197995	106.041	ug/l	100
52) Toluene	10.25	92	122834	21.176	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	67431	20.493	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	78533	20.793	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	38076	20.773	ug/l	98
56) Ethyl methacrylate	10.52	69	58107	20.974	ug/l	97
57) 1,3-Dichloropropane	10.80	76	66817	20.926	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	108530	113.211	ug/l	99
59) 2-Hexanone	10.84	43	142679	109.765	ug/l	99
60) Dibromochloromethane	10.99	129	41681	20.331	ug/l	98
61) 1,2-Dibromoethane	11.10	107	36243	20.916	ug/l	100
64) Tetrachloroethene	10.72	164	39518	21.507	ug/l	99
65) Chlorobenzene	11.52	112	127246	20.986	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	43084	20.821	ug/l	100
67) Ethyl Benzene	11.60	91	236165	21.135	ug/l	98
68) m/p-Xylenes	11.70	106	177164	42.450	ug/l	99
69) o-Xylene	12.03	106	84466	21.038	ug/l	99
70) Styrene	12.05	104	146758	20.834	ug/l	99
71) Bromoform	12.21	173	24708	20.003	ug/l #	99
73) Isopropylbenzene	12.33	105	226043	20.852	ug/l	100
74) N-amyl acetate	12.15	43	72749	20.502	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	48043	20.694	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	63589	38.412	ug/l #	100
77) Bromobenzene	12.61	156	49015	20.414	ug/l	97
78) n-propylbenzene	12.67	91	275538	21.117	ug/l	100
79) 2-Chlorotoluene	12.76	91	154976	20.791	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	188041	20.781	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	17991	20.566	ug/l	100
82) 4-Chlorotoluene	12.86	91	162115	20.360	ug/l	100
83) tert-Butylbenzene	13.08	119	163257	21.404	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	191584	21.088	ug/l	99
85) sec-Butylbenzene	13.26	105	234413	21.631	ug/l	99
86) p-Isopropyltoluene	13.38	119	208552	21.838	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	96293	20.824	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	97938	20.859	ug/l	99
89) n-Butylbenzene	13.70	91	210281	21.878	ug/l	99
90) Hexachloroethane	13.97	117	38841	21.456	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	88349	20.717	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	8431	21.045	ug/l	96

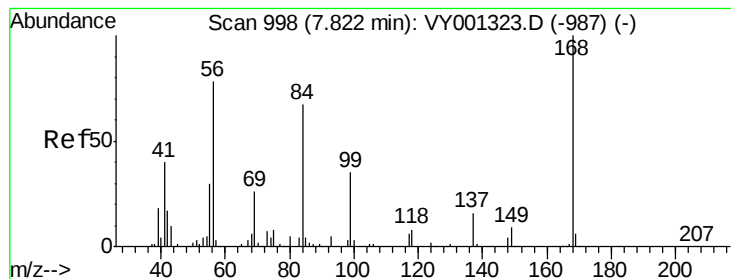
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012420\
Data File : VY001374.D
Acq On : 24 Jan 2020 12:15
Operator : SY/MD
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Quant Time: Jan 25 03:47:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:21:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	61257	21.402	ug/l	98
94) Hexachlorobutadiene	15.11	225	30961	22.215	ug/l	99
95) Naphthalene	15.24	128	138348	21.138	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	54238	21.602	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.01 min

Lab File: VY001374.D

Acq: 24 Jan 2020 12:15

Instrument :

MSVOA_Y

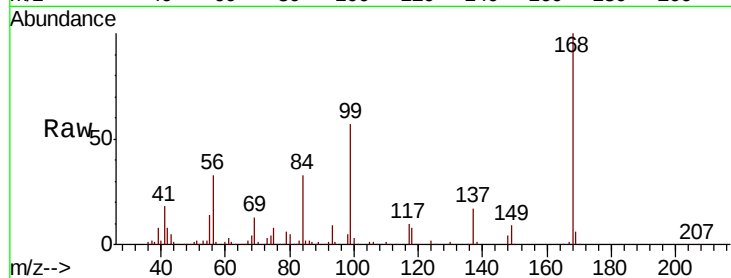
ClientSampleId :

Tot Ion:168 Resp: 187006

Ion Ratio Lower Upper

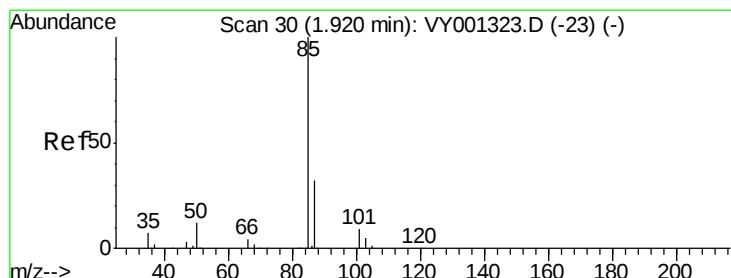
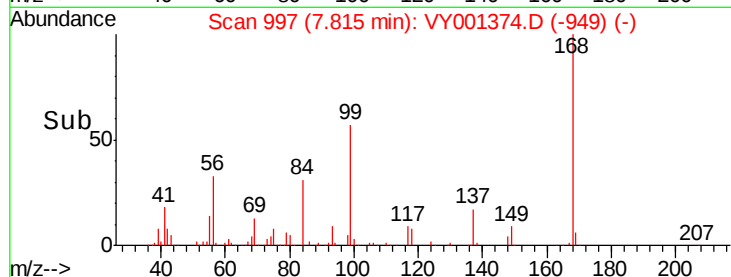
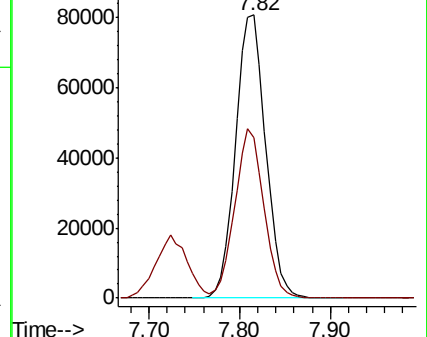
168 100

99 56.6 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001323.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001323.D (-987) (-)



#2

Dichlorodifluoromethane

Concen: 23.460 ug/l

RT: 1.91 min Scan# 29

Delta R.T. -0.01 min

Lab File: VY001374.D

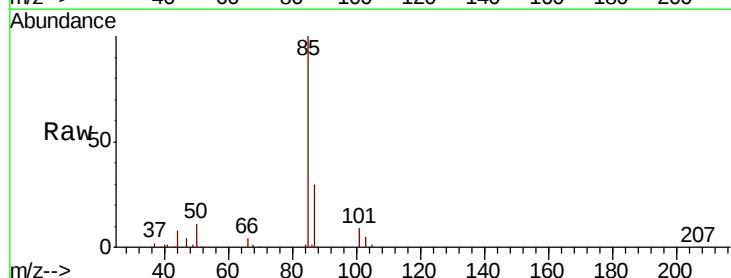
Acq: 24 Jan 2020 12:15

Tgt Ion: 85 Resp: 34597

Ion Ratio Lower Upper

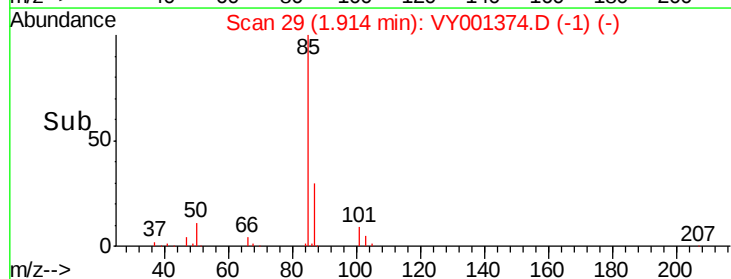
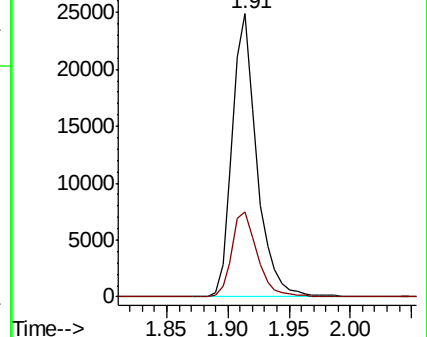
85 100

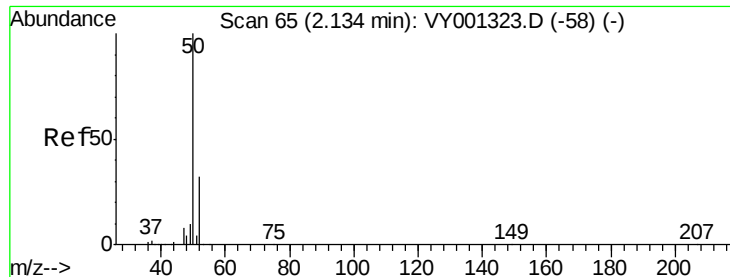
87 30.0 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY001323.D (-23) (-)

Ion 86.90 (86.60 to 87.60): VY001323.D (-23) (-)





#3

Chloromethane

Concen: 21.375 ug/l

RT: 2.13 min Scan# 64

Delta R.T. -0.01 min

Lab File: VY001374.D

Acq: 24 Jan 2020 12:15

Instrument :

MSVOA_Y

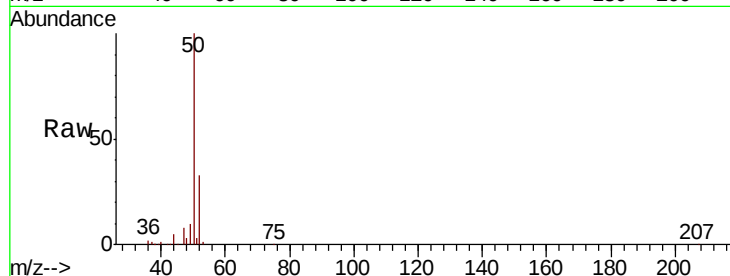
ClientSampleId :

Tot Ion: 50 Resp: 47643

Ion Ratio Lower Upper

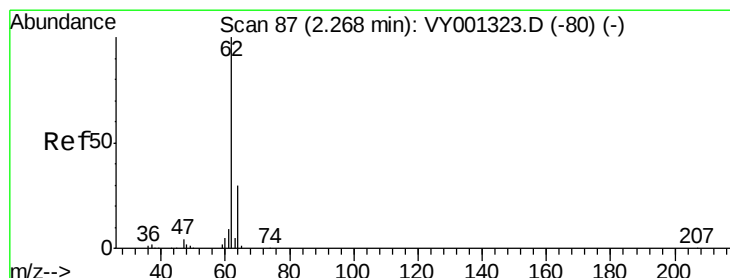
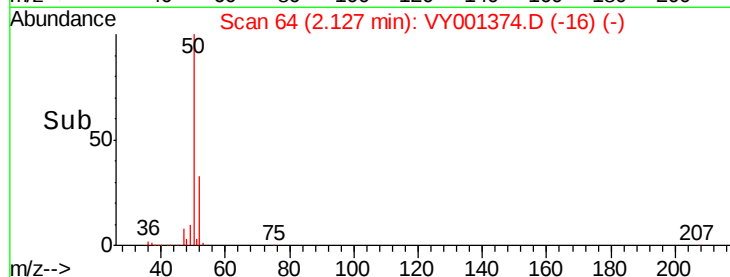
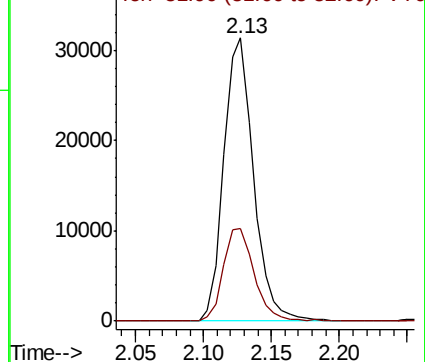
50 100

52 32.8 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 21.461 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.01 min

Lab File: VY001374.D

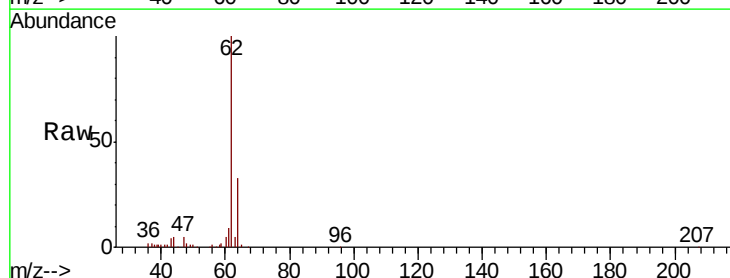
Acq: 24 Jan 2020 12:15

Tgt Ion: 62 Resp: 49876

Ion Ratio Lower Upper

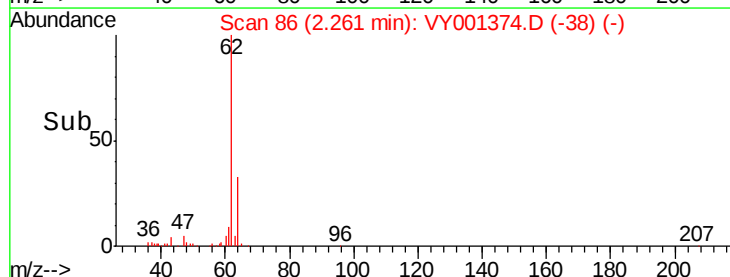
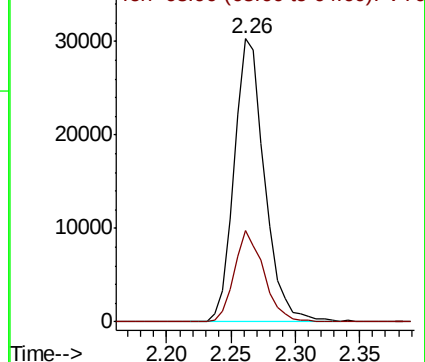
62 100

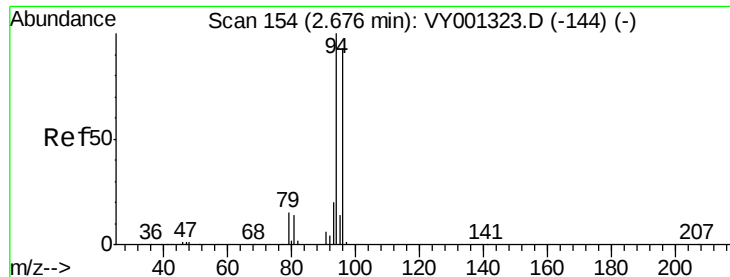
64 32.5 23.9 35.9



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 21.331 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.02 min

Lab File: VY001374.D

Acq: 24 Jan 2020 12:15

Instrument :

MSVOA_Y

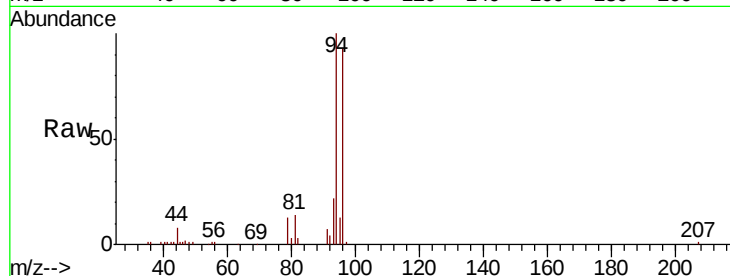
ClientSampleId :

Tot Ion: 94 Resp: 33388

Ion Ratio Lower Upper

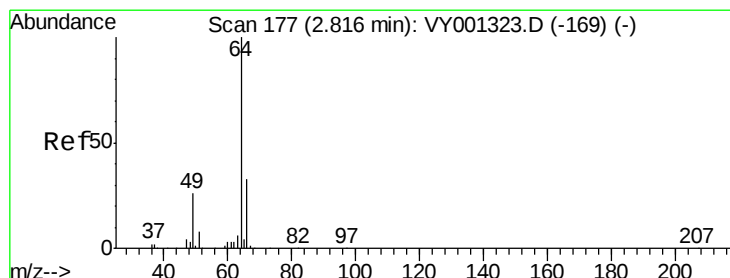
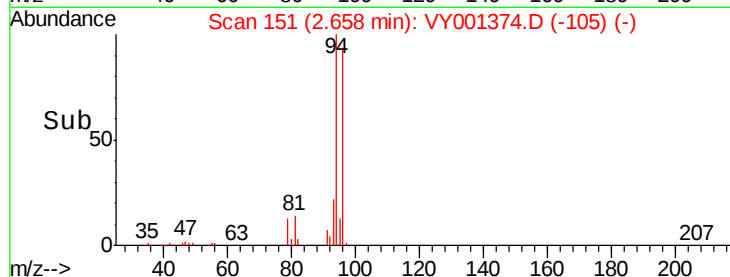
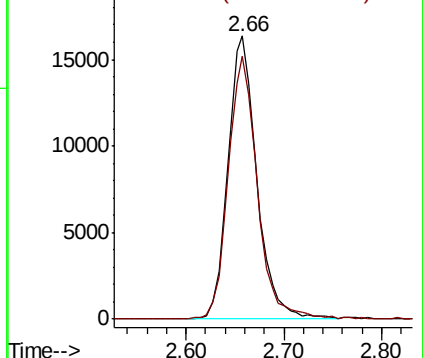
94 100

96 92.9 74.6 111.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 21.238 ug/l

RT: 2.81 min Scan# 176

Delta R.T. -0.01 min

Lab File: VY001374.D

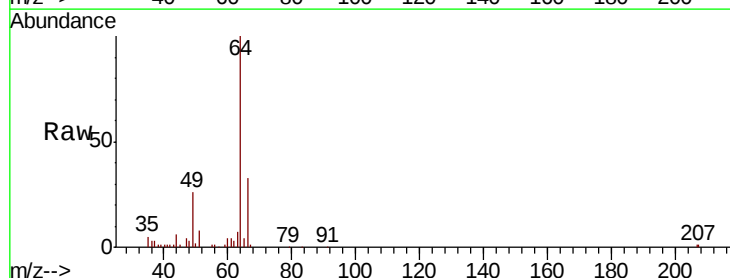
Acq: 24 Jan 2020 12:15

Tgt Ion: 64 Resp: 31540

Ion Ratio Lower Upper

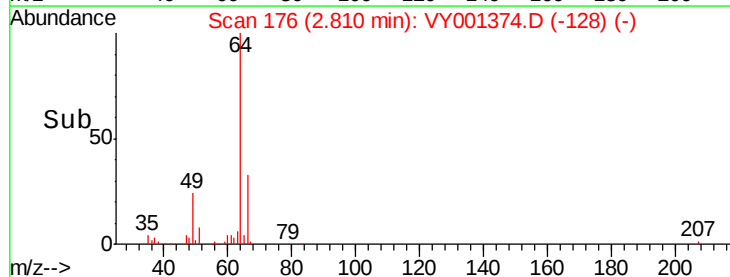
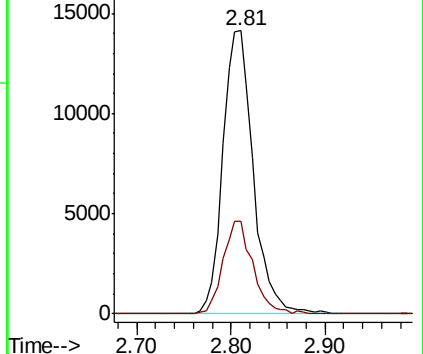
64 100

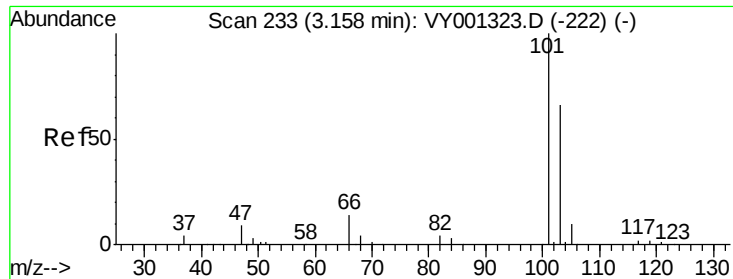
66 32.8 26.8 40.2



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



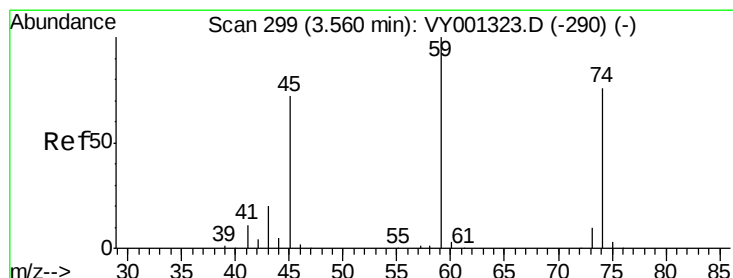
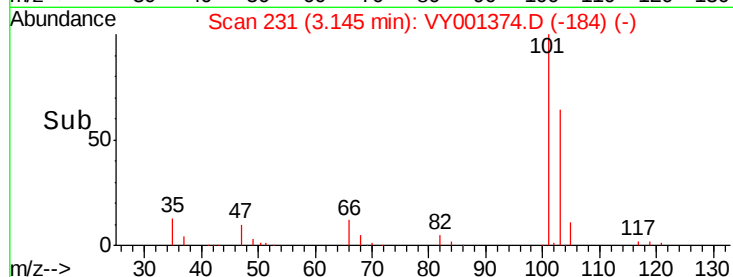
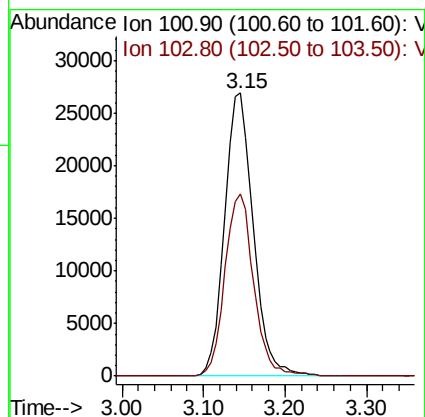
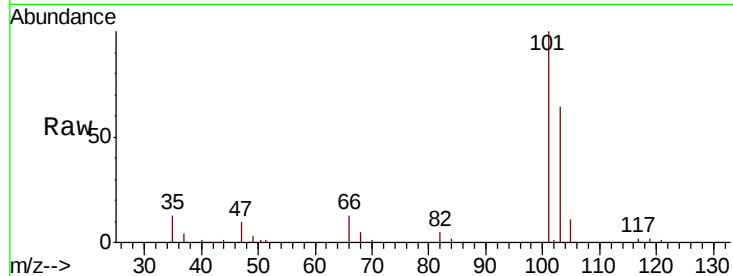


#7

Trichlorofluoromethane
Concen: 22.032 ug/l
RT: 3.15 min Scan# 231
Delta R.T. -0.01 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

Instrument :
MSVOA_Y
ClientSampled :

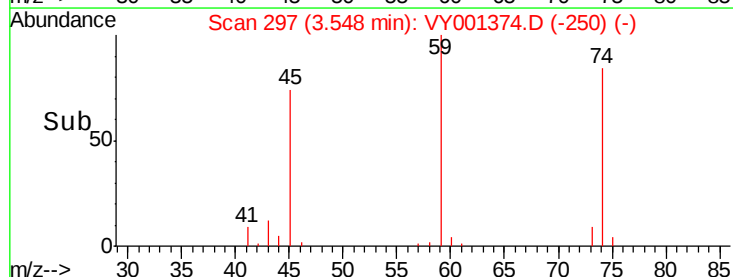
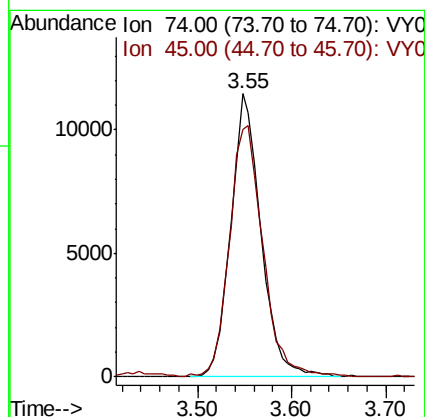
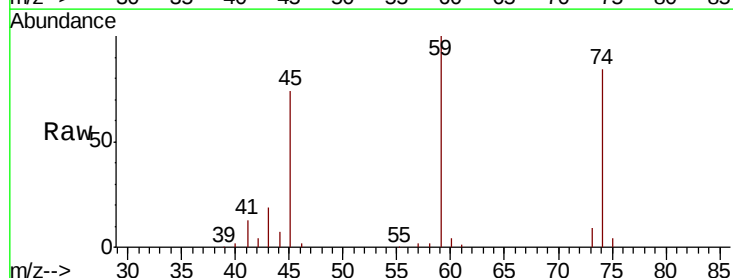
Tot Ion:101 Resp: 65513
Ion Ratio Lower Upper
101 100
103 64.4 52.5 78.7



#8

Diethyl Ether
Concen: 20.335 ug/l
RT: 3.55 min Scan# 297
Delta R.T. -0.01 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

Tgt Ion: 74 Resp: 25526
Ion Ratio Lower Upper
74 100
45 98.7 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.384 ug/l

RT: 3.92 min Scan# 358

Delta R.T. -0.02 min

Lab File: VY001374.D

Acq: 24 Jan 2020 12:15

Instrument :

MSVOA_Y

ClientSampled :

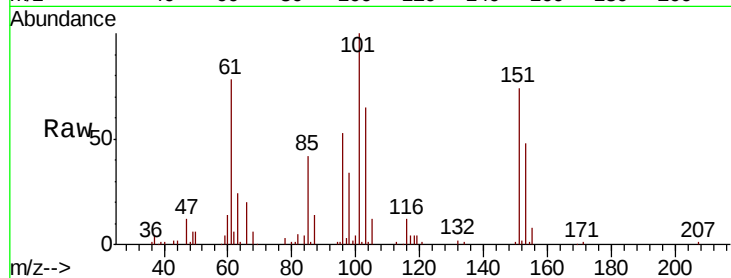
Tot Ion:101 Resp: 42389

Ion Ratio Lower Upper

101 100

85 43.2 34.9 52.3

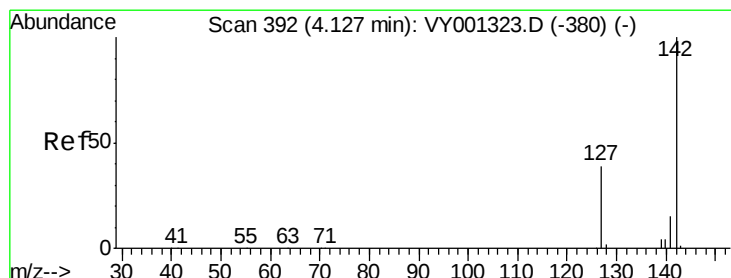
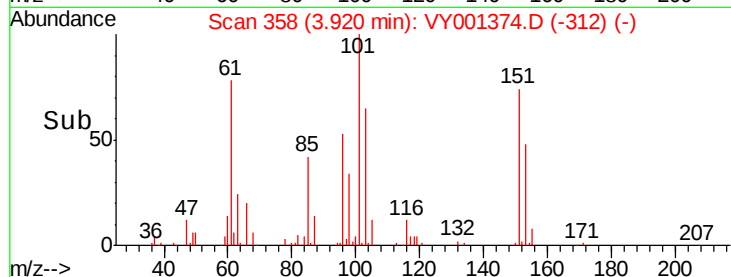
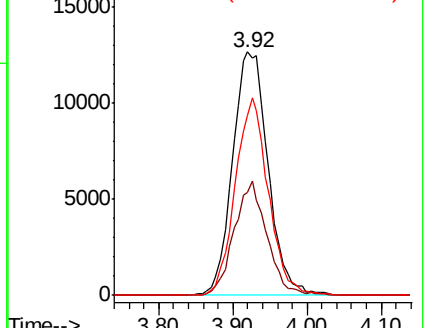
151 75.7 59.9 89.9



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: 19.776 ug/l

RT: 4.11 min Scan# 390

Delta R.T. -0.01 min

Lab File: VY001374.D

Acq: 24 Jan 2020 12:15

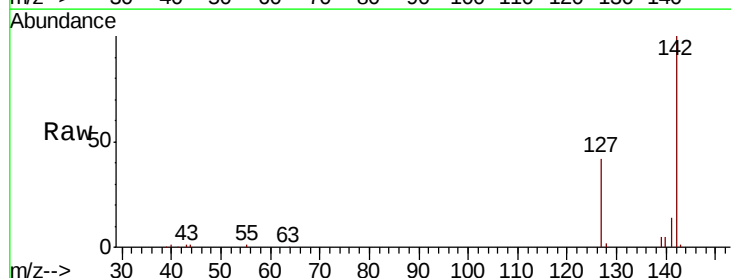
Tgt Ion:142 Resp: 49392

Ion Ratio Lower Upper

142 100

127 39.9 31.6 47.4

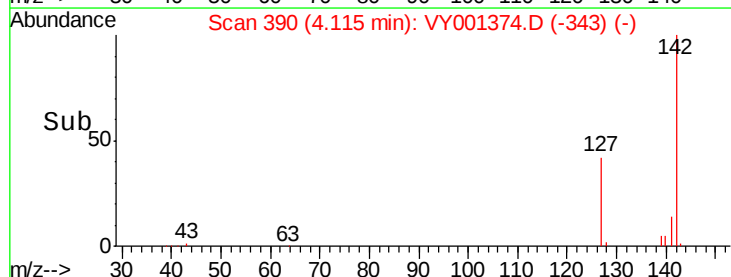
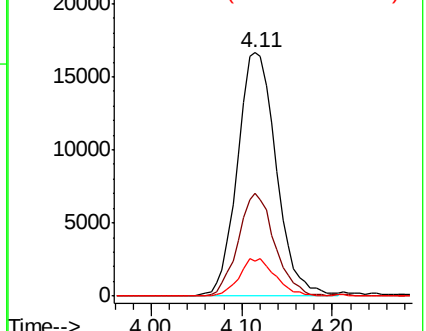
141 14.3 11.2 16.8

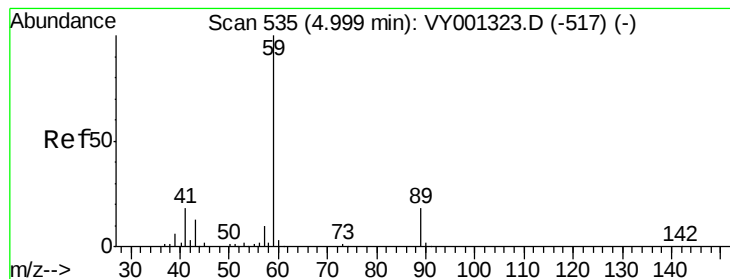


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



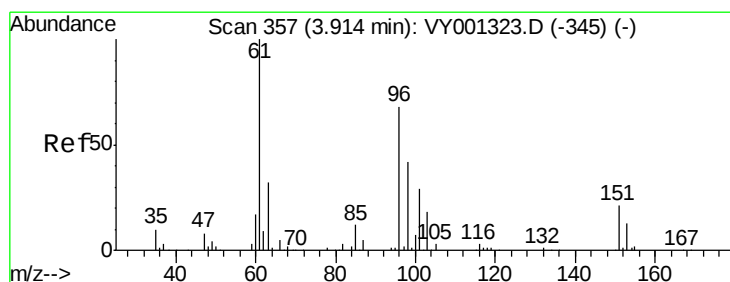
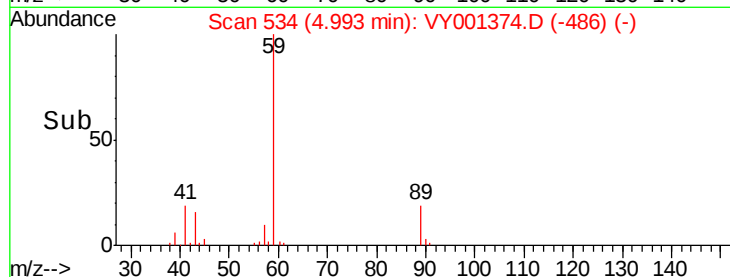
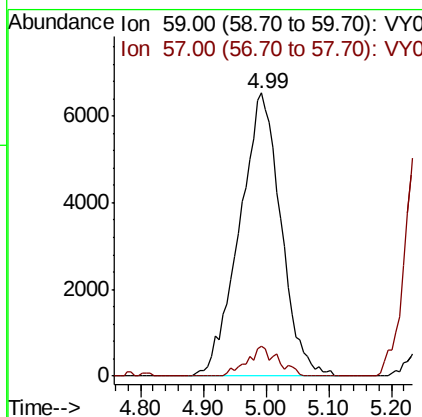
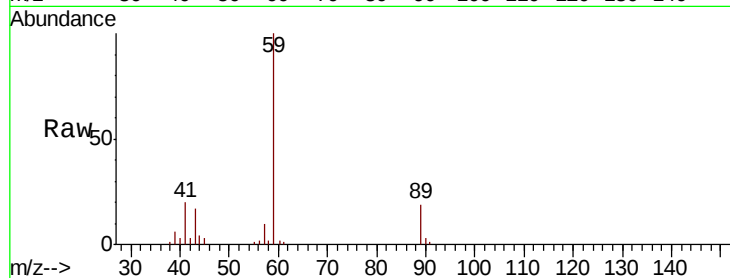


#11

Tert butyl alcohol
 Concen: 104.946 ug/l
 RT: 4.99 min Scan# 534
 Delta R.T. -0.01 min
 Lab File: VY001374.D
 Acq: 24 Jan 2020 12:15

Instrument :
 MSVOA_Y
 ClientSampleId :

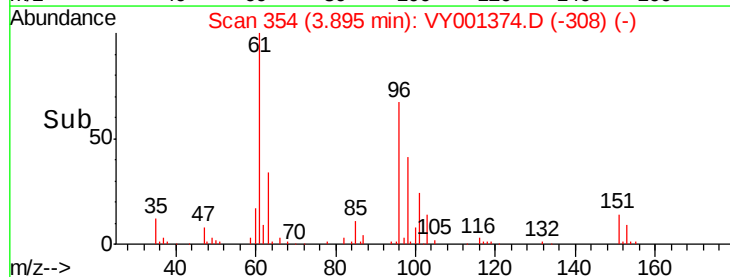
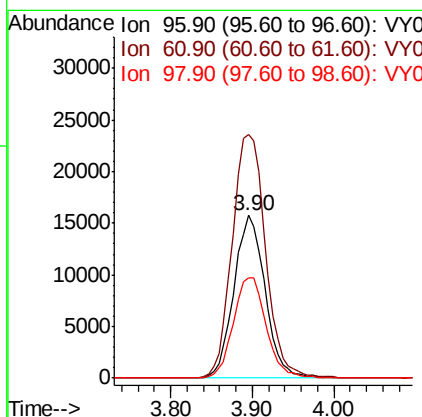
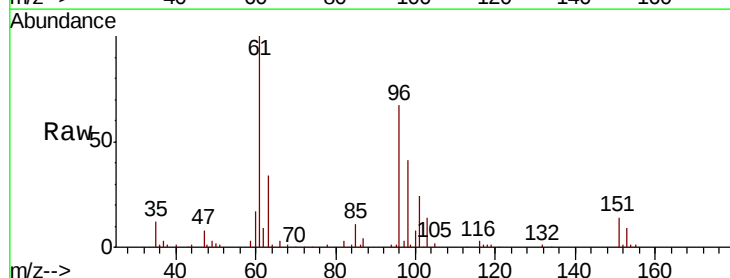
Tot Ion: 59 Resp: 29726
 Ion Ratio Lower Upper
 59 100
 57 7.1 7.4 11.2#

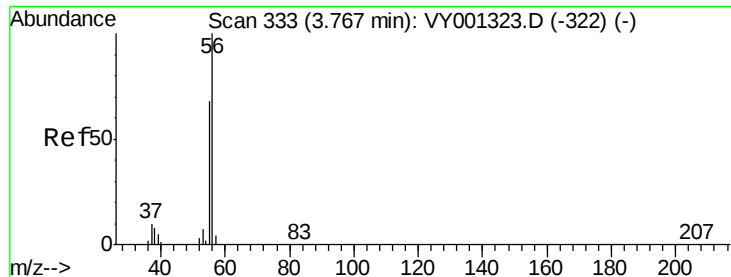


#12

1,1-Dichloroethene
 Concen: 21.013 ug/l
 RT: 3.90 min Scan# 354
 Delta R.T. -0.02 min
 Lab File: VY001374.D
 Acq: 24 Jan 2020 12:15

Tgt Ion: 96 Resp: 41722
 Ion Ratio Lower Upper
 96 100
 61 149.6 118.0 177.0
 98 61.8 49.4 74.2





#13

Acrolein

Concen: 120.316 ug/l

RT: 3.75 min Scan# 330

Delta R.T. -0.02 min

Lab File: VY001374.D

Acq: 24 Jan 2020 12:15

Instrument :

MSVOA_Y

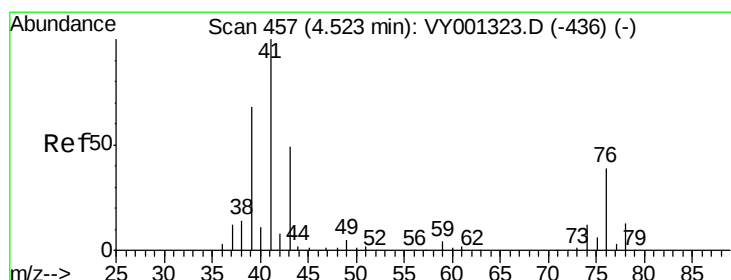
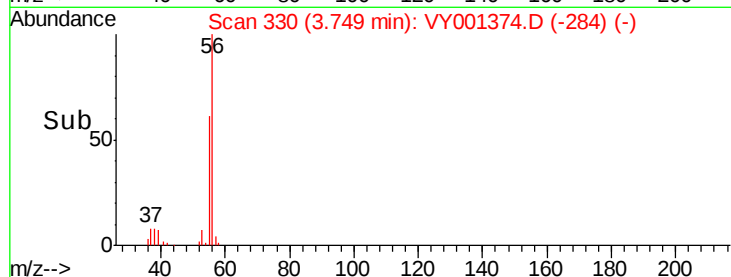
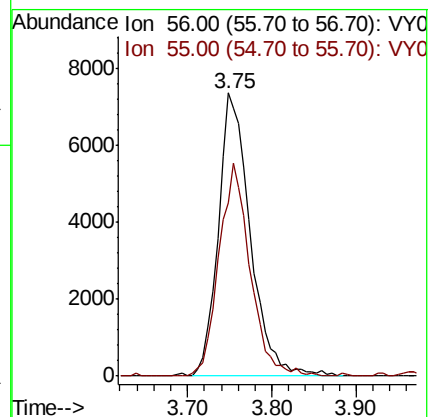
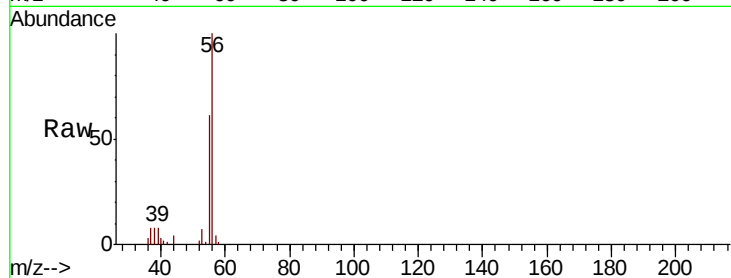
ClientSampleId :

Tot Ion: 56 Resp: 19170

Ion Ratio Lower Upper

56 100

55 73.5 55.9 83.9



#14

Allyl chloride

Concen: 20.835 ug/l

RT: 4.50 min Scan# 454

Delta R.T. -0.02 min

Lab File: VY001374.D

Acq: 24 Jan 2020 12:15

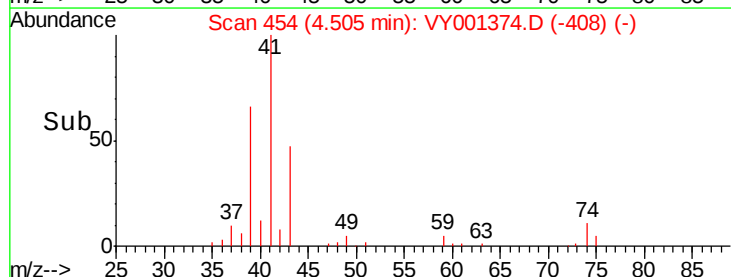
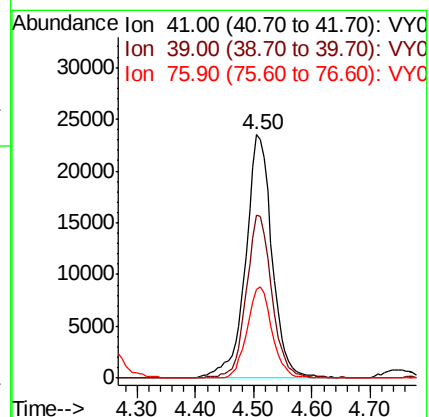
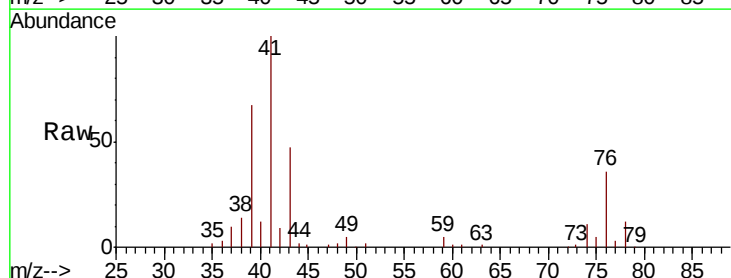
Tgt Ion: 41 Resp: 73775

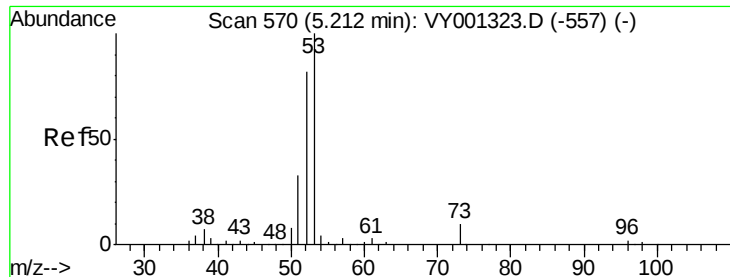
Ion Ratio Lower Upper

41 100

39 65.0 52.2 78.4

76 35.4 29.1 43.7





#15

Acrylonitrile

Concen: 105.093 ug/l

RT: 5.20 min Scan# 568

Delta R.T. -0.01 min

Lab File: VY001374.D

Acq: 24 Jan 2020 12:15

Instrument :

MSVOA_Y

ClientSampled :

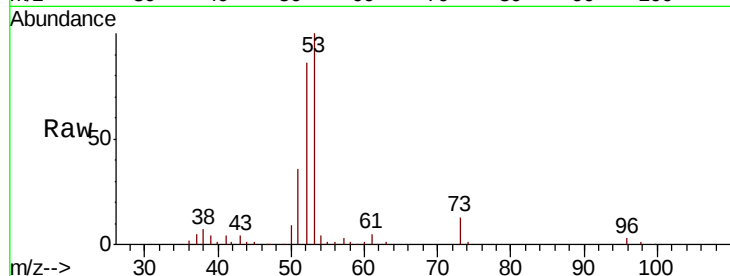
Tot Ion: 53 Resp: 67527

Ion Ratio Lower Upper

53 100

52 81.3 65.3 97.9

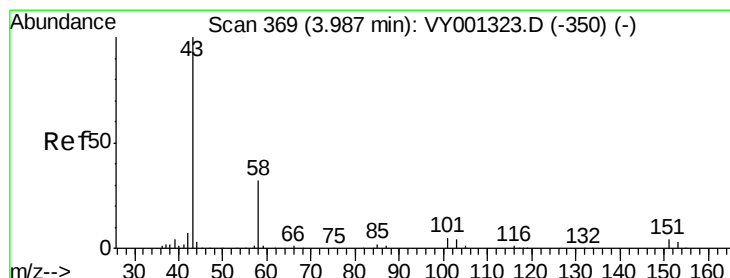
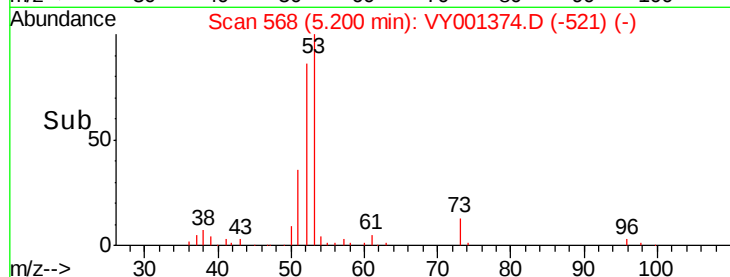
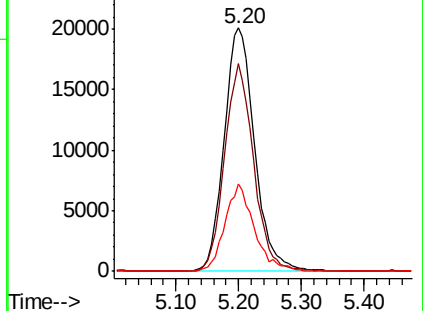
51 34.6 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VY001374.D (-568) (-)

Ion 52.00 (51.70 to 52.70): VY001374.D (-568) (-)

Ion 51.00 (50.70 to 51.70): VY001374.D (-568) (-)



#16

Acetone

Concen: 107.209 ug/l

RT: 3.97 min Scan# 367

Delta R.T. -0.01 min

Lab File: VY001374.D

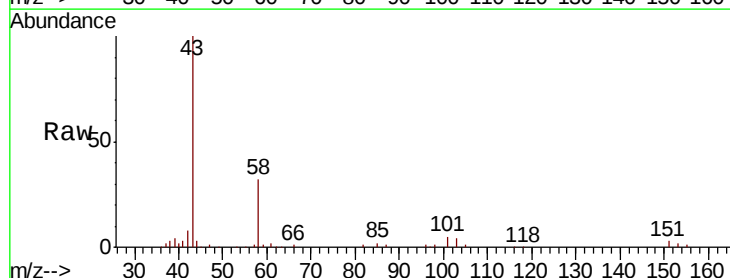
Acq: 24 Jan 2020 12:15

Tgt Ion: 43 Resp: 59790

Ion Ratio Lower Upper

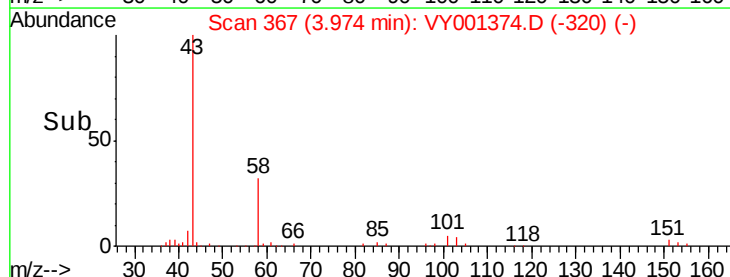
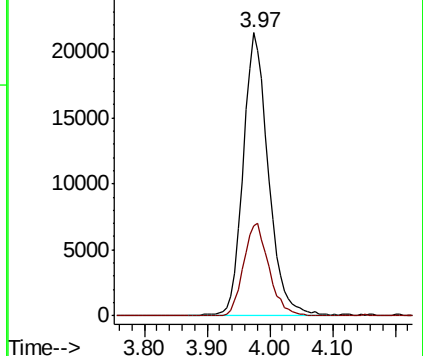
43 100

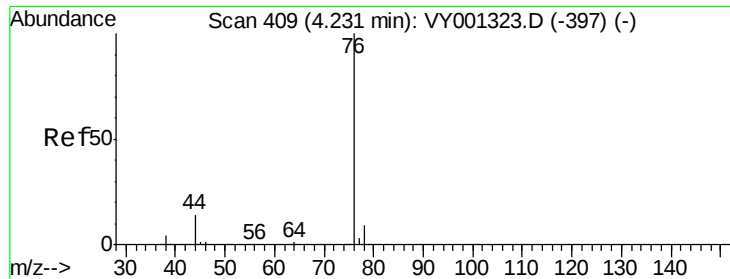
58 32.0 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VY001374.D (-367) (-)

Ion 58.00 (57.70 to 58.70): VY001374.D (-367) (-)

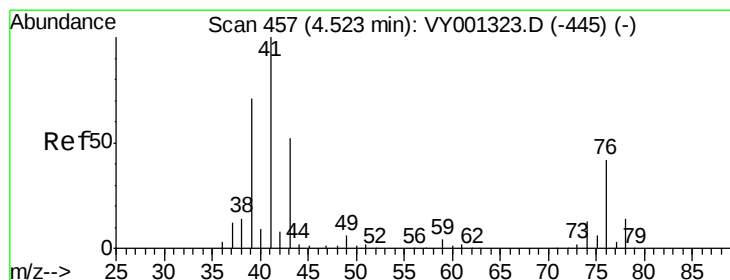
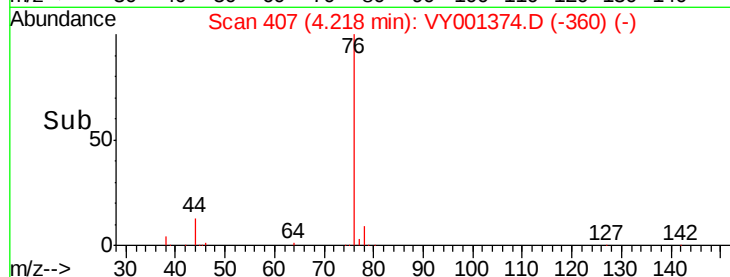
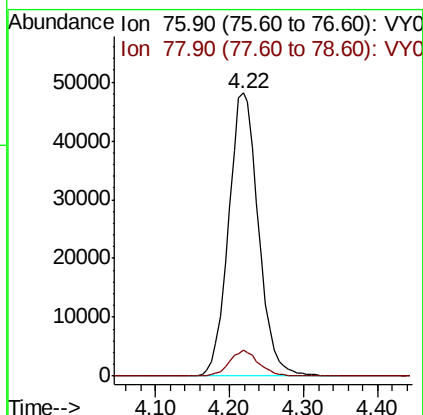
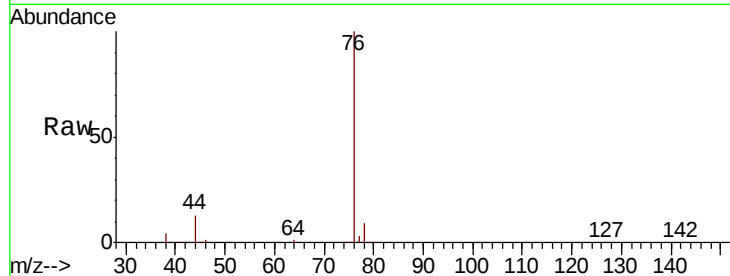




#17
Carbon Disulfide
Concen: 21.612 ug/l
RT: 4.22 min Scan# 407
Delta R.T. -0.01 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

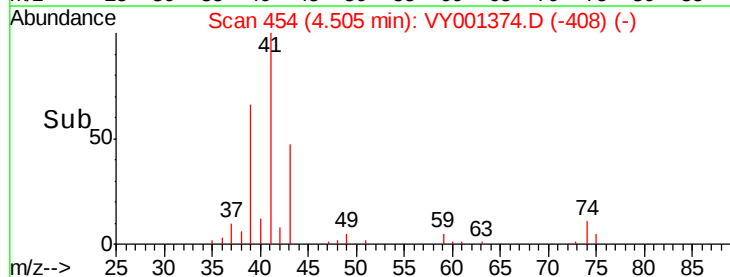
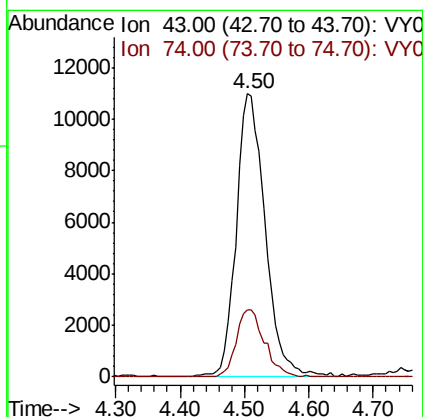
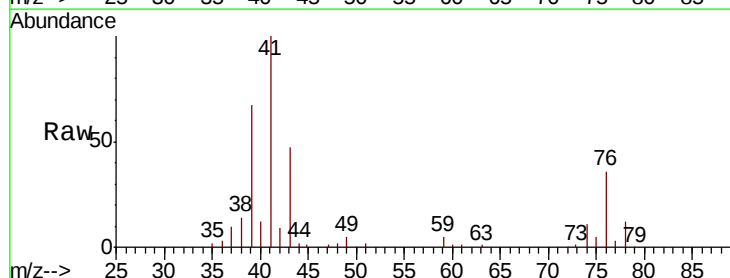
Instrument :
MSVOA_Y
ClientSampleId :

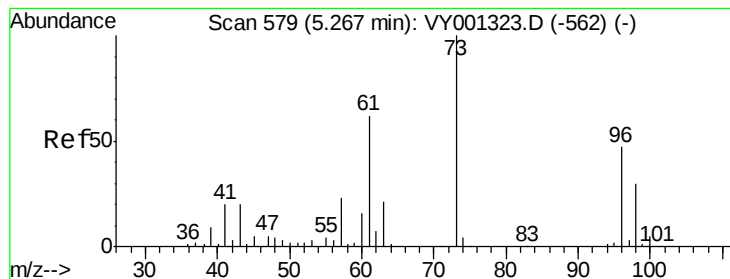
Tot Ion: 76 Resp: 134956
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6



#18
Methyl Acetate
Concen: 19.897 ug/l
RT: 4.50 min Scan# 454
Delta R.T. -0.02 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

Tgt Ion: 43 Resp: 34144
Ion Ratio Lower Upper
43 100
74 23.1 19.4 29.2



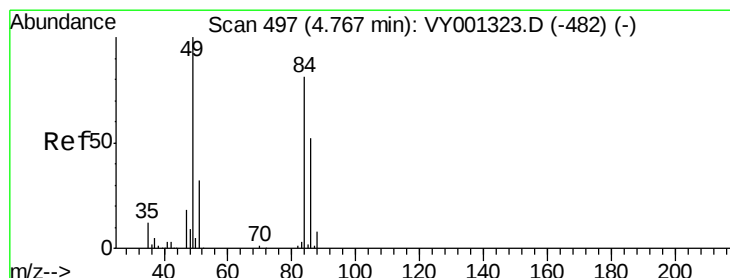
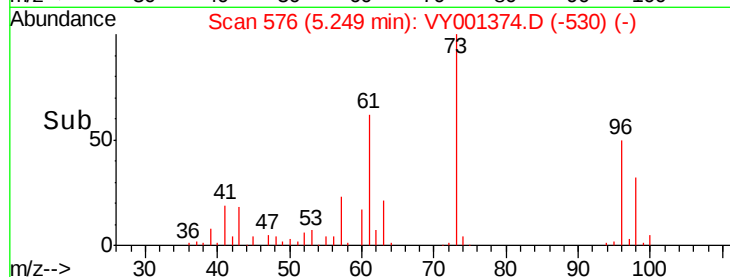
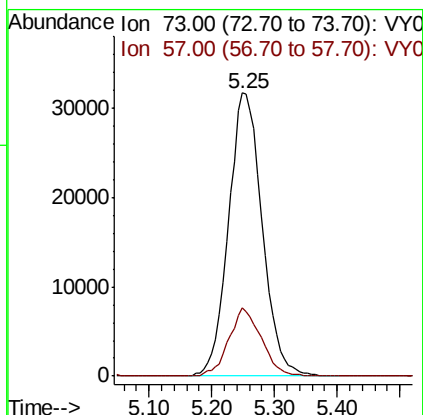
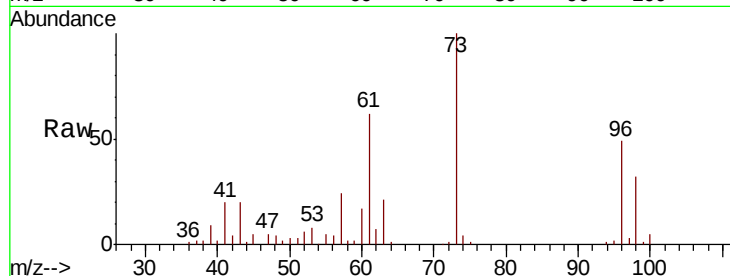


#19

Methyl tert-butyl Ether
 Concen: 20.218 ug/l
 RT: 5.25 min Scan# 576
 Delta R.T. -0.02 min
 Lab File: VY001374.D
 Acq: 24 Jan 2020 12:15

Instrument :
 MSVOA_Y
 ClientSampled :

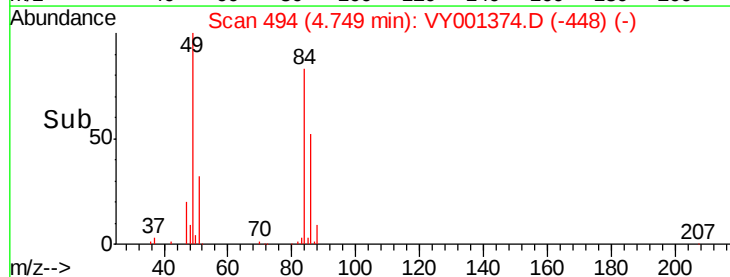
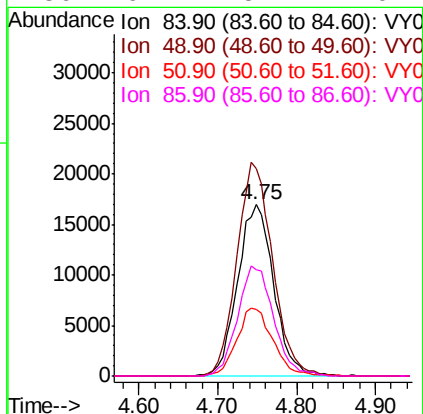
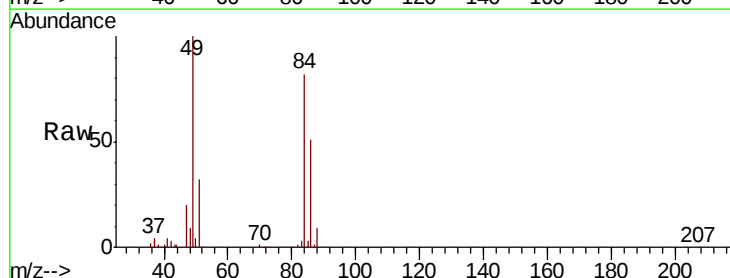
Tot Ion: 73 Resp: 117538
 Ion Ratio Lower Upper
 73 100
 57 24.1 18.2 27.2

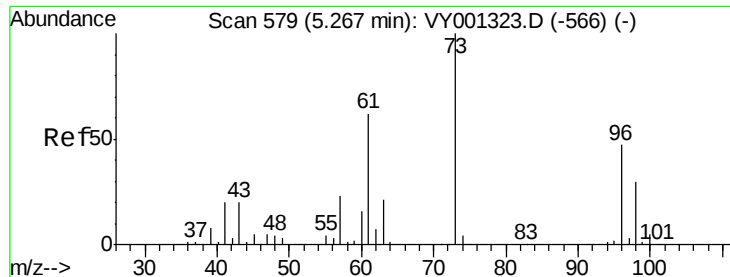


#20

Methylene Chloride
 Concen: 18.824 ug/l
 RT: 4.75 min Scan# 494
 Delta R.T. -0.02 min
 Lab File: VY001374.D
 Acq: 24 Jan 2020 12:15

Tgt Ion: 84 Resp: 53941
 Ion Ratio Lower Upper
 84 100
 49 121.5 98.3 147.5
 51 39.0 31.6 47.4
 86 62.4 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 20.433 ug/l

RT: 5.25 min Scan# 576

Delta R.T. -0.02 min

Lab File: VY001374.D

Acq: 24 Jan 2020 12:15

Instrument :
MSVOA_Y
ClientSampleId :

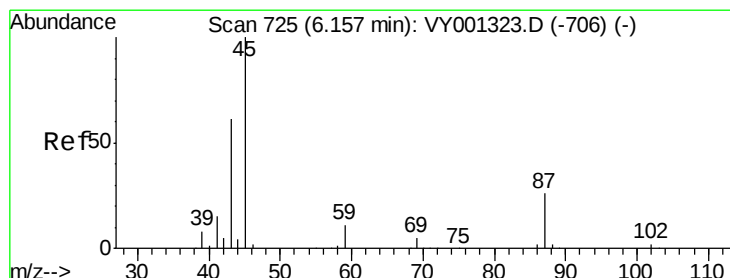
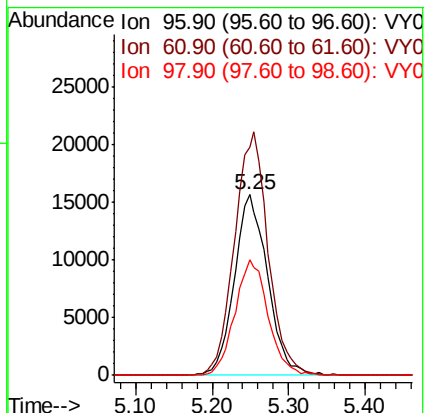
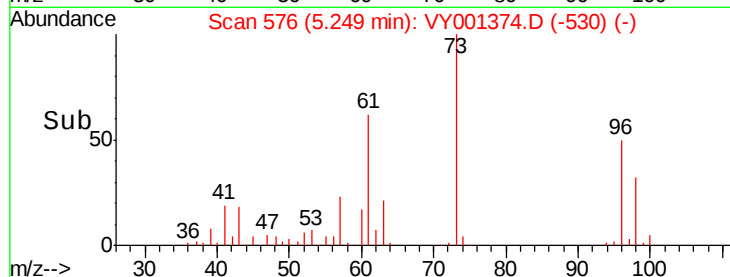
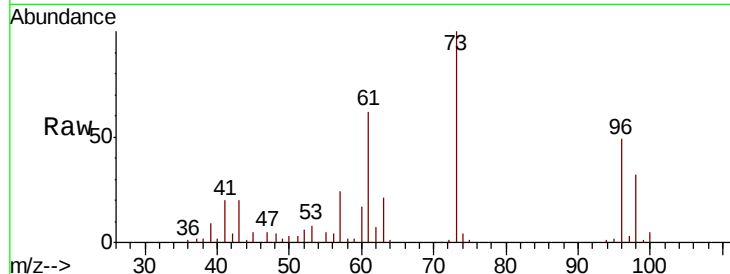
Tot Ion: 96 Resp: 47127

Ion Ratio Lower Upper

96 100

61 126.1 106.8 160.2

98 64.1 51.0 76.6



#22

Diisopropyl ether

Concen: 20.016 ug/l

RT: 6.14 min Scan# 723

Delta R.T. -0.01 min

Lab File: VY001374.D

Acq: 24 Jan 2020 12:15

Tgt Ion: 45 Resp: 150501

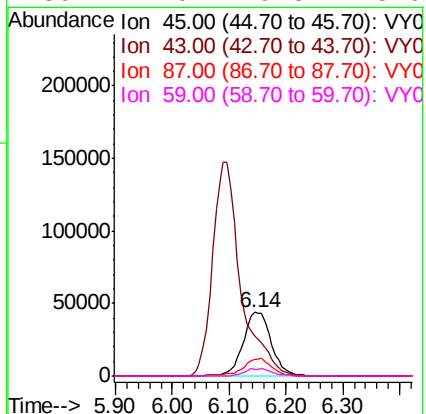
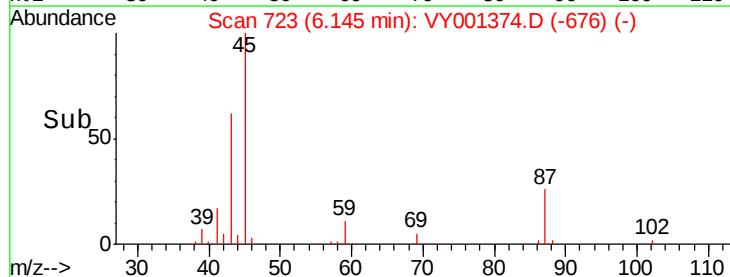
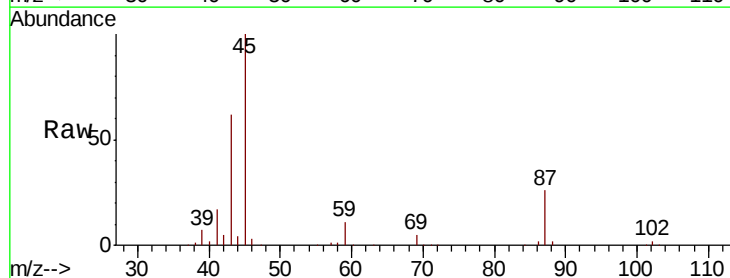
Ion Ratio Lower Upper

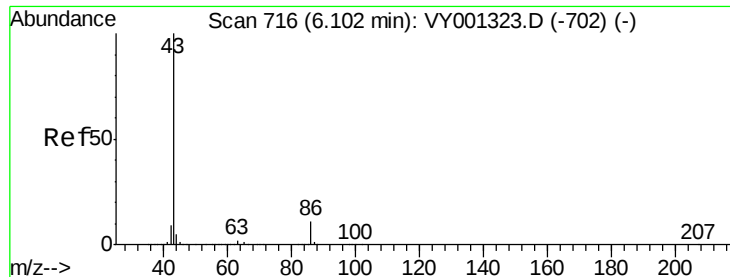
45 100

43 61.9 49.2 73.8

87 25.9 21.4 32.2

59 11.0 9.3 13.9





#23

Vinyl Acetate

Concen: 103.502 ug/l

RT: 6.09 min Scan# 714

Delta R.T. -0.01 min

Lab File: VY001374.D

Acq: 24 Jan 2020 12:15

Instrument :

MSVOA_Y

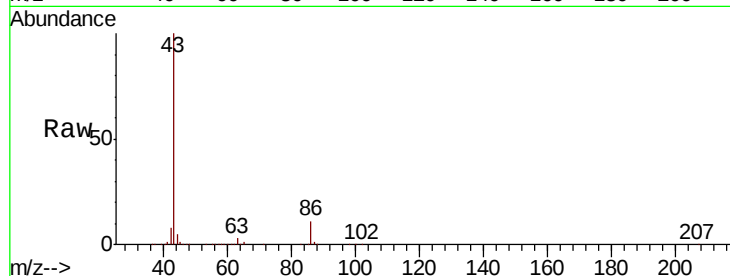
ClientSampleId :

Tot Ion: 43 Resp: 505228

Ion Ratio Lower Upper

43 100

86 10.7 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.09

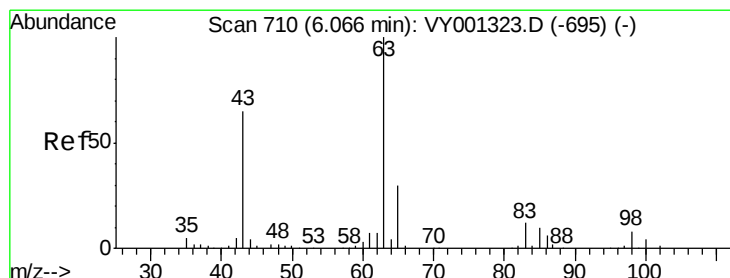
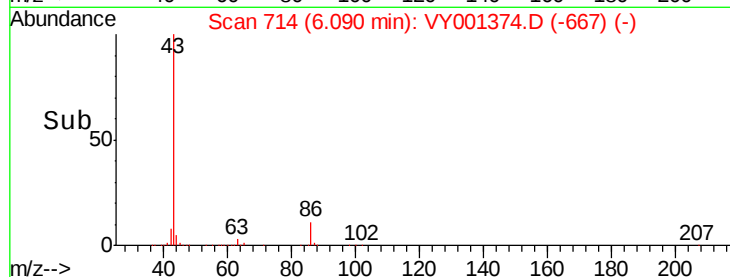
150000

100000

50000

0

Time--> 5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 20.565 ug/l

RT: 6.05 min Scan# 707

Delta R.T. -0.02 min

Lab File: VY001374.D

Acq: 24 Jan 2020 12:15

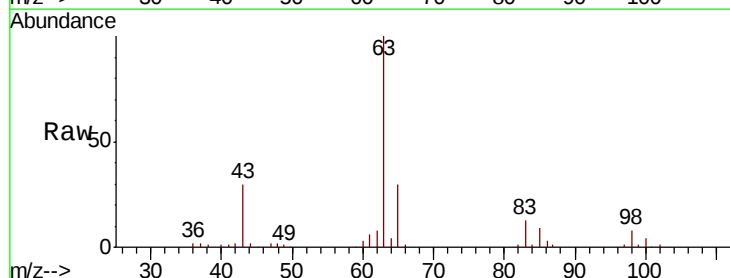
Tgt Ion: 63 Resp: 81503

Ion Ratio Lower Upper

63 100

98 8.4 4.0 12.0

100 4.3 2.1 6.3



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

6.05

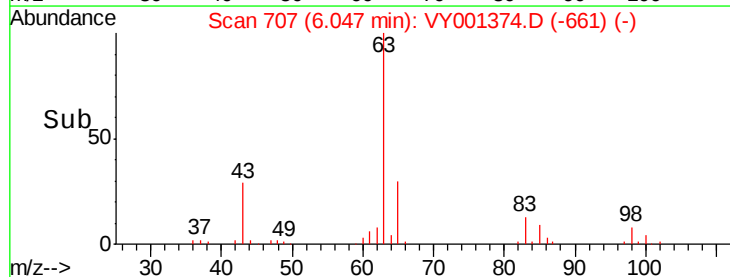
30000

20000

10000

0

Time--> 5.90 6.00 6.10 6.20





#25

2-Butanone

Concen: 104.798 ug/l

RT: 7.02 min Scan# 866

Delta R.T. -0.01 min

Lab File: VY001374.D

Acq: 24 Jan 2020 12:15

Instrument :

MSVOA_Y

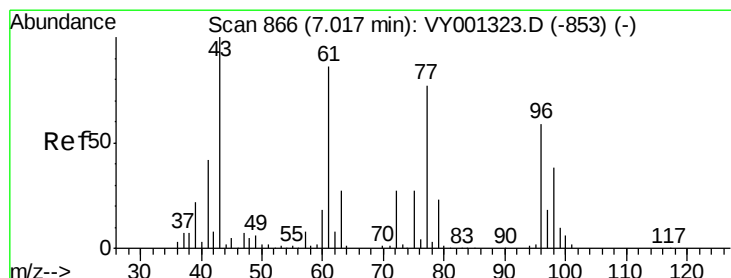
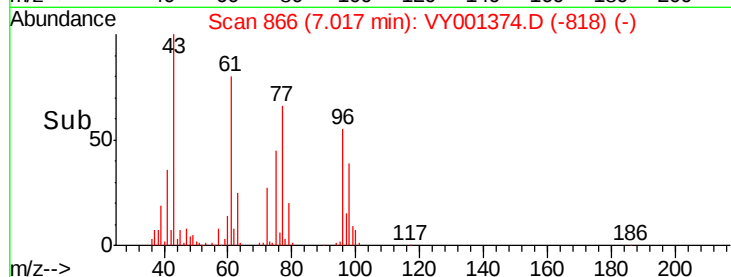
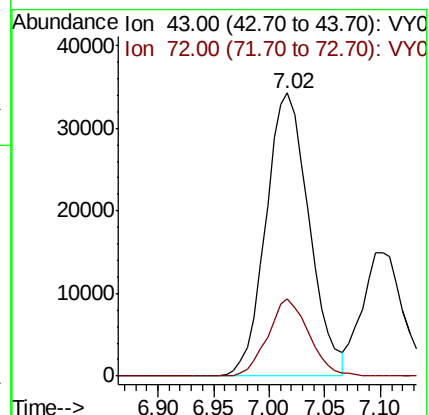
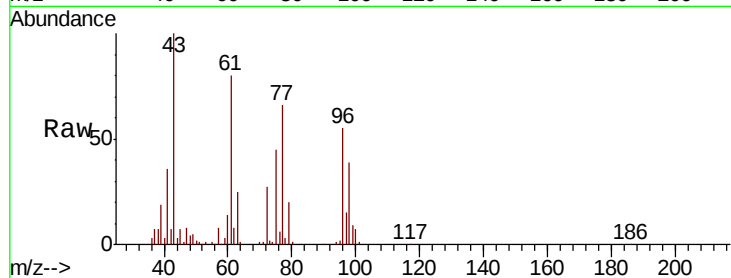
ClientSampled :

Tot Ion: 43 Resp: 92819

Ion Ratio Lower Upper

43 100

72 27.4 20.6 31.0



#26

2,2-Dichloropropane

Concen: 20.964 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.01 min

Lab File: VY001374.D

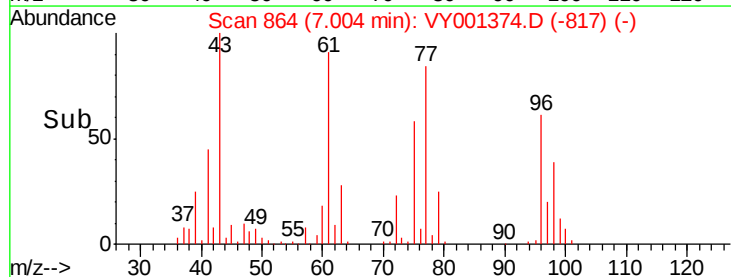
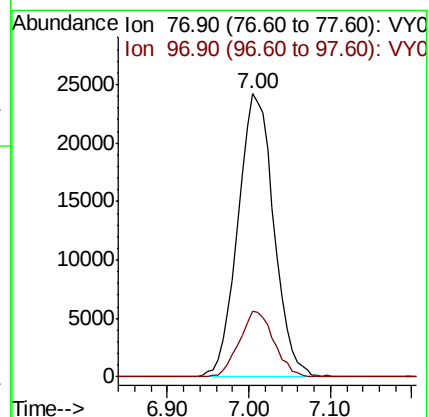
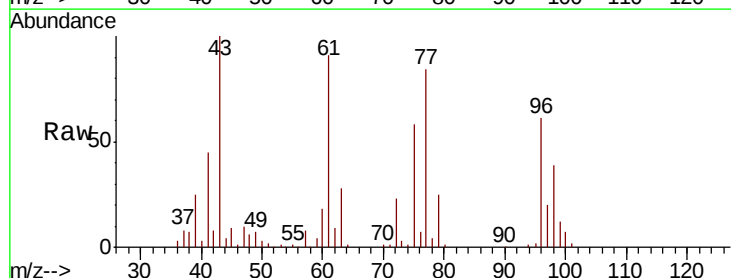
Acq: 24 Jan 2020 12:15

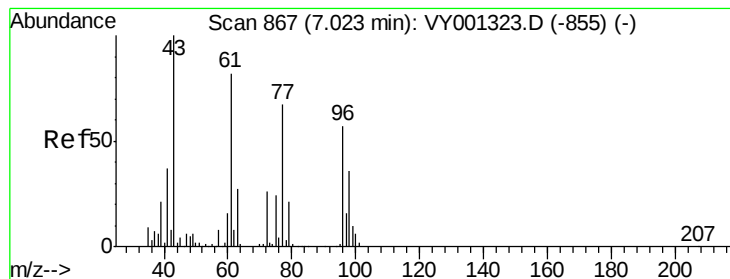
Tgt Ion: 77 Resp: 74008

Ion Ratio Lower Upper

77 100

97 22.3 11.9 35.5



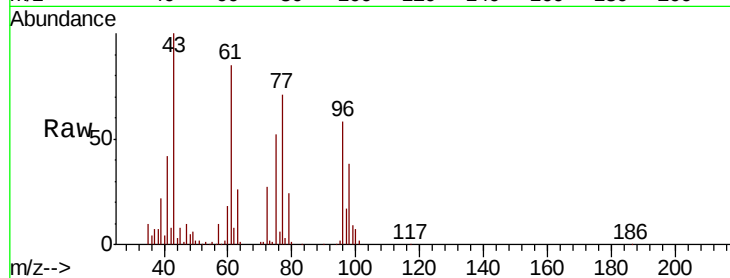


#27

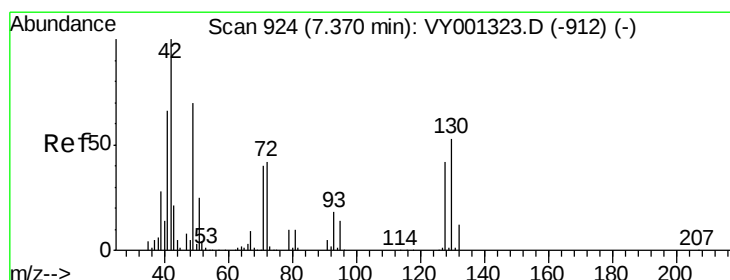
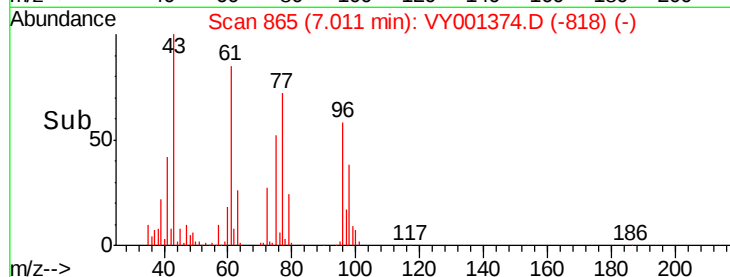
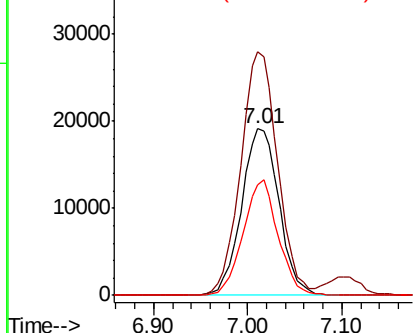
cis-1,2-Dichloroethene
Concen: 20.630 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.3	0.0	284.8
98	64.9	0.0	128.4



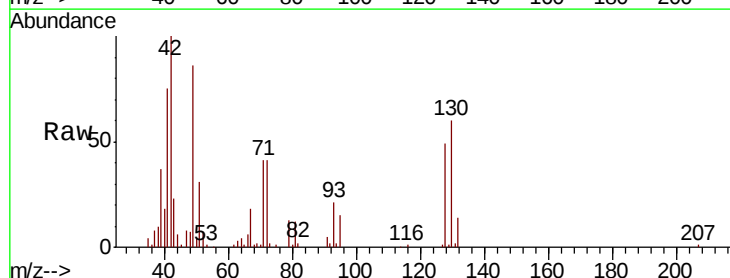
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



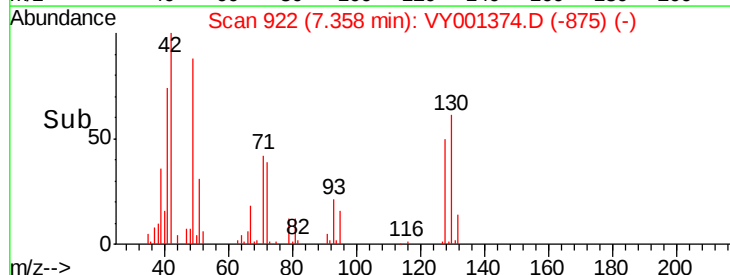
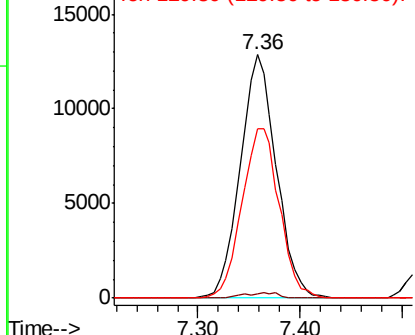
#28

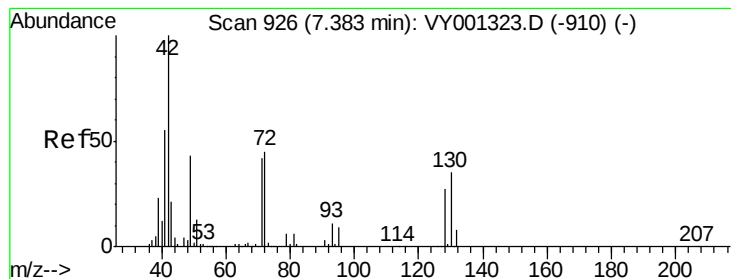
Bromochloromethane
Concen: 19.271 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.0
130	72.4	58.9	88.3



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: 103.207 ug/l

RT: 7.37 min Scan# 924

Delta R.T. -0.01 min

Lab File: VY001374.D

Acq: 24 Jan 2020 12:15

Instrument :

MSVOA_Y

ClientSampled :

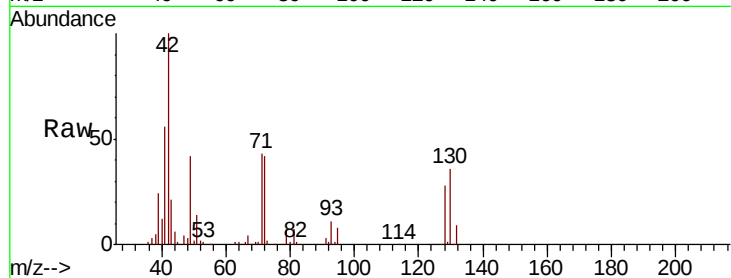
Tot Ion: 42 Resp: 59470

Ion Ratio Lower Upper

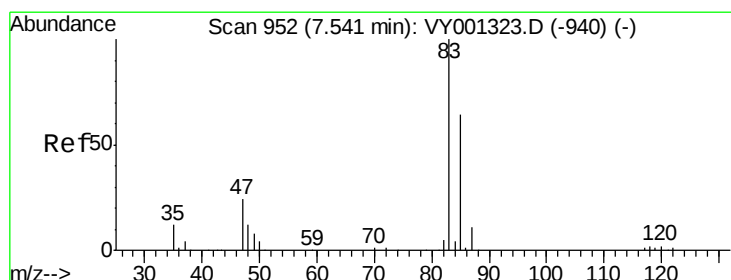
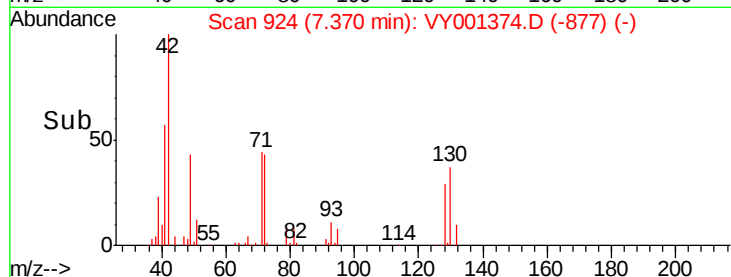
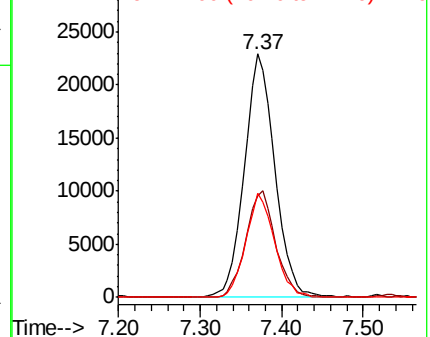
42 100

72 42.9 34.6 51.8

71 40.2 32.6 48.8



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: 20.304 ug/l

RT: 7.53 min Scan# 950

Delta R.T. -0.01 min

Lab File: VY001374.D

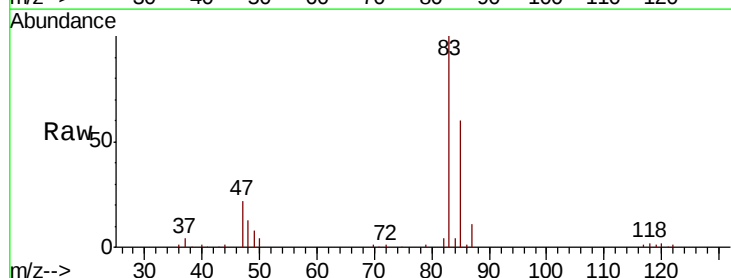
Acq: 24 Jan 2020 12:15

Tgt Ion: 83 Resp: 78873

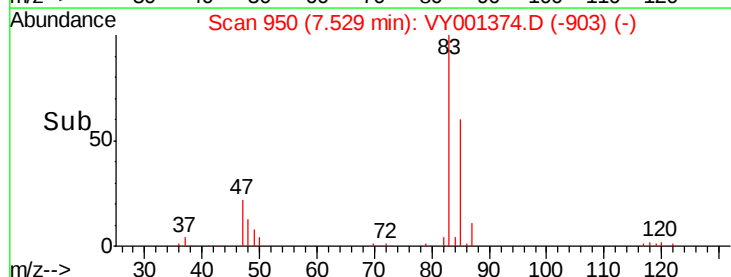
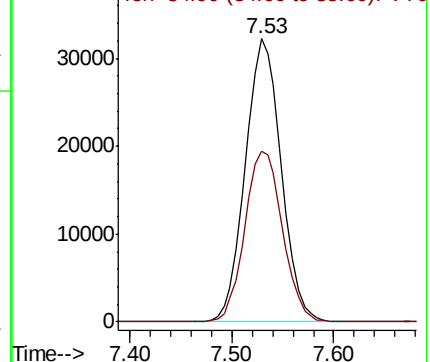
Ion Ratio Lower Upper

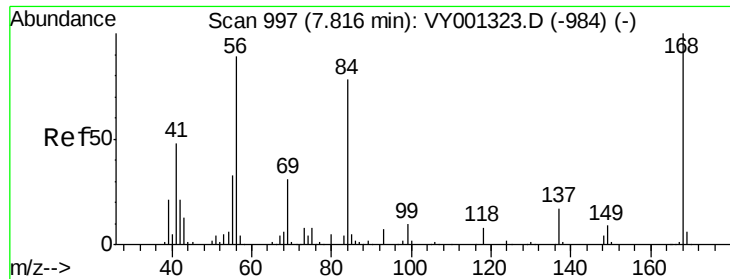
83 100

85 60.3 51.5 77.3



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

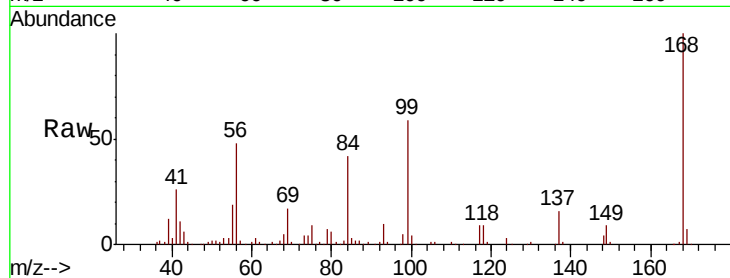




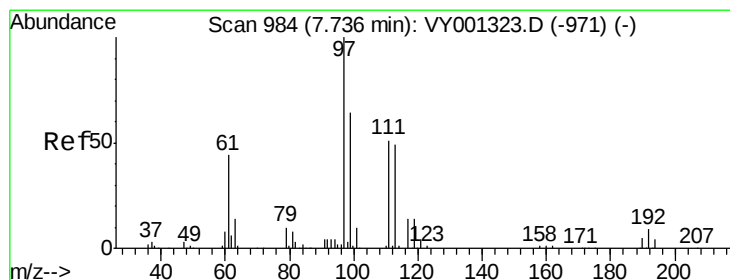
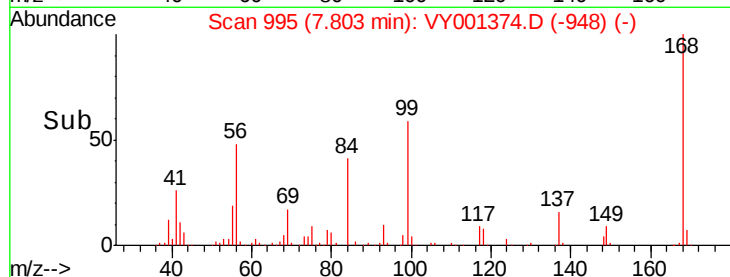
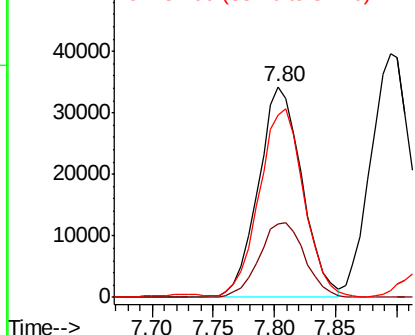
#31
Cyclohexane
Concen: 21.616 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.01 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 56 Resp: 85055
Ion Ratio Lower Upper
56 100
69 35.1 27.6 41.4
84 85.2 69.7 104.5

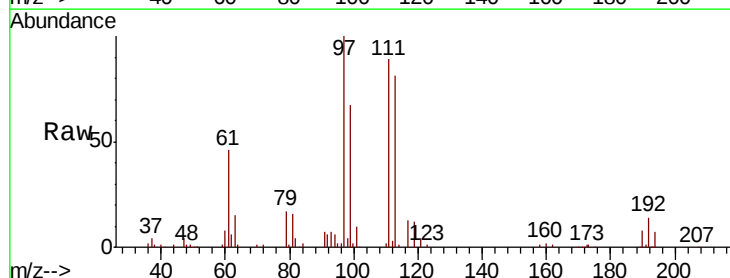


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

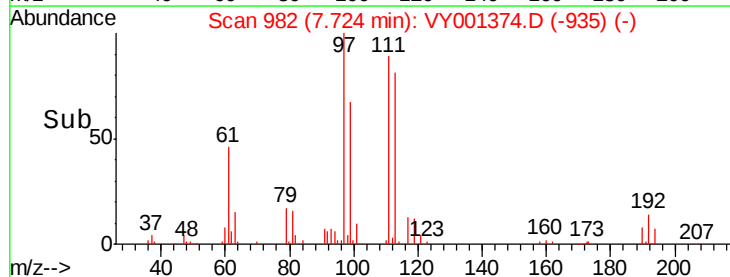
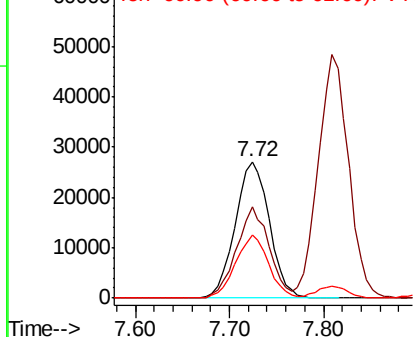


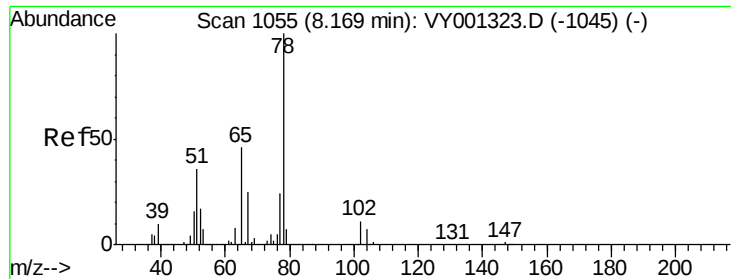
#32
1,1,1-Trichloroethane
Concen: 20.990 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

Tgt Ion: 97 Resp: 68846
Ion Ratio Lower Upper
97 100
99 63.9 51.3 76.9
61 44.8 35.9 53.9



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

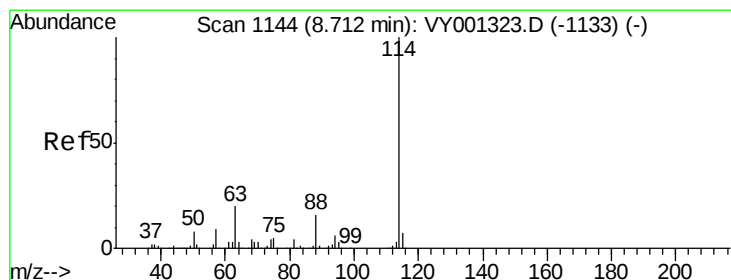
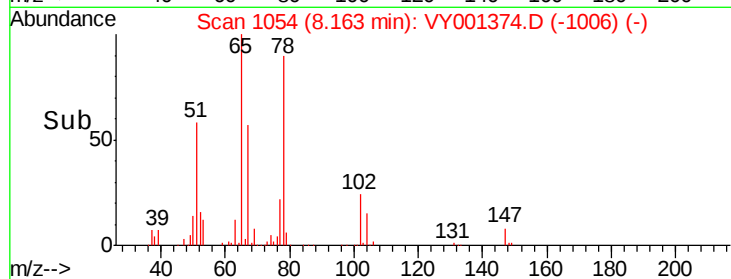
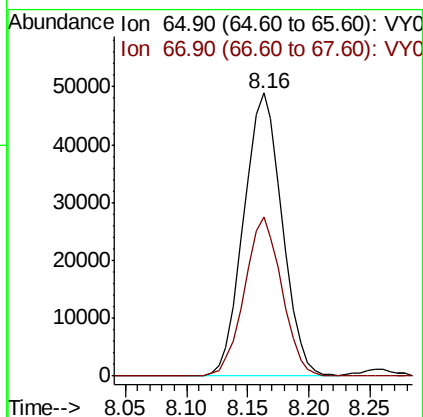
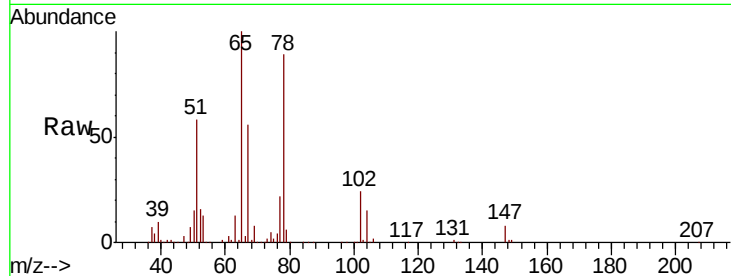




#33
 1,2-Dichloroethane-d4
 Concen: 52.643 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001374.D
 Acq: 24 Jan 2020 12:15

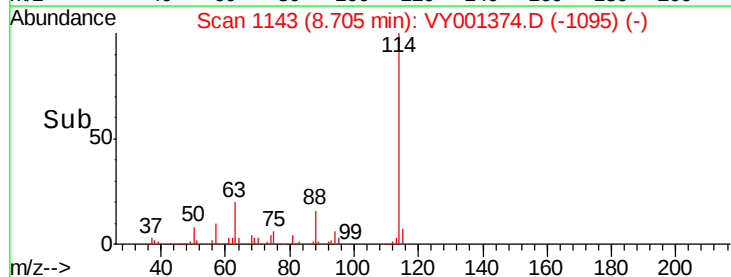
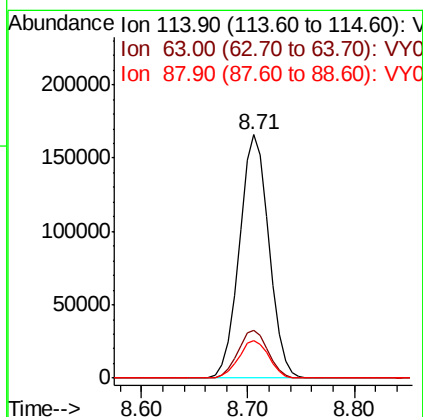
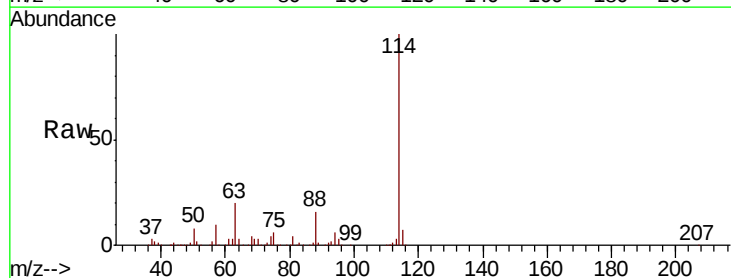
Instrument :
 MSVOA_Y
 ClientSampled :

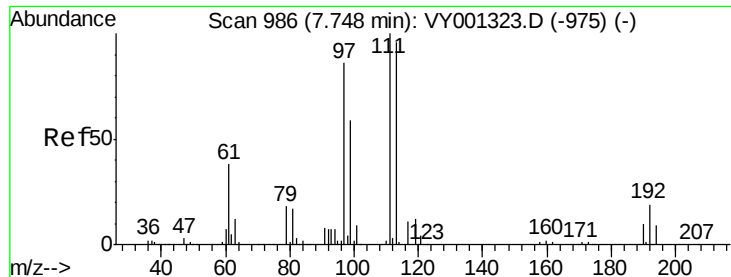
Tot Ion: 65 Resp: 107122
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001374.D
 Acq: 24 Jan 2020 12:15

Tgt Ion: 114 Resp: 323029
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.8
 88 15.6 0.0 31.0

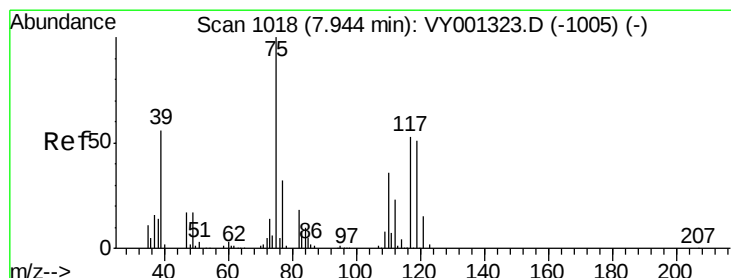
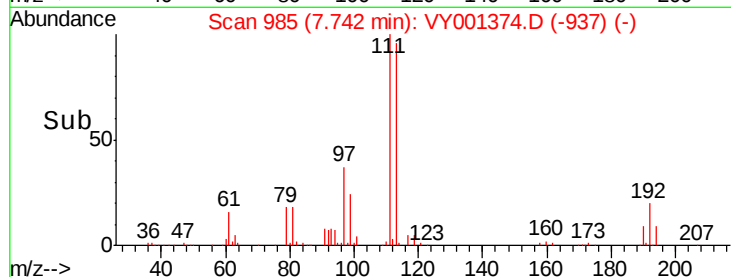
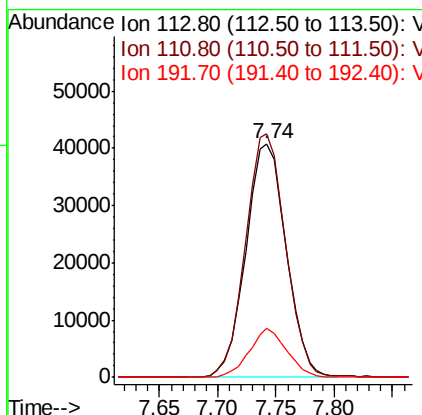
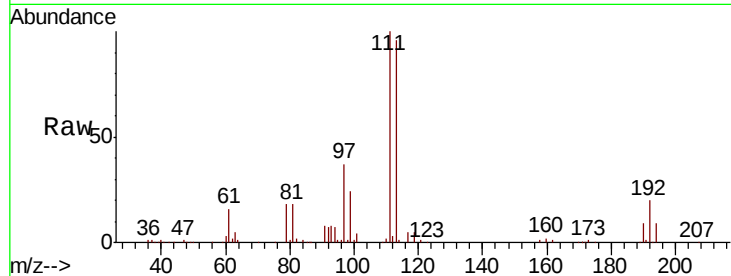




#35
 Dibromofluoromethane
 Concen: 51.876 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY001374.D
 Acq: 24 Jan 2020 12:15

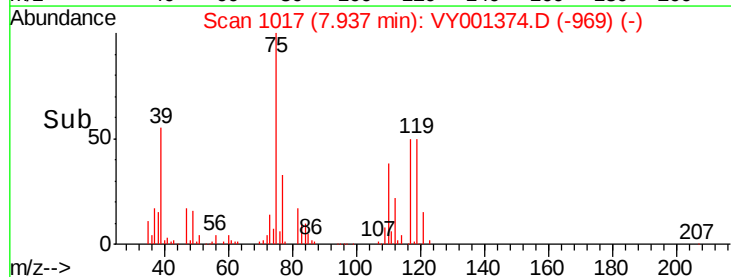
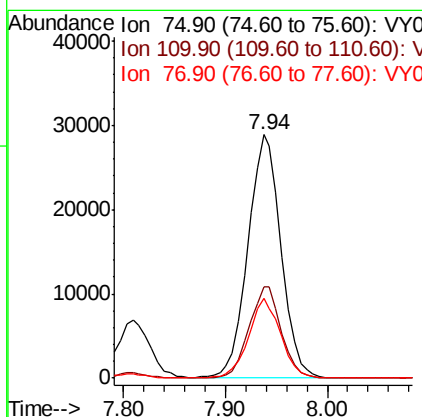
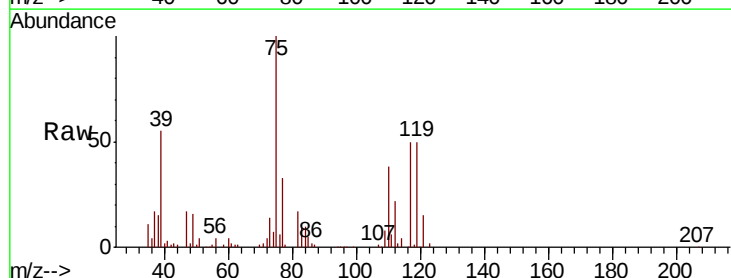
Instrument :
 MSVOA_Y
 ClientSampleId :

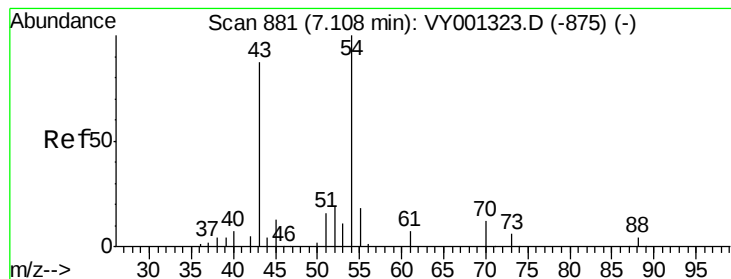
Tot Ion:113 Resp: 98352
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.8 124.2
 192 19.4 15.5 23.3



#36
 1,1-Dichloropropene
 Concen: 21.332 ug/l
 RT: 7.94 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: VY001374.D
 Acq: 24 Jan 2020 12:15

Tgt Ion: 75 Resp: 65101
 Ion Ratio Lower Upper
 75 100
 110 36.4 17.6 52.8
 77 31.8 24.7 37.1





#37

Ethyl Acetate

Concen: 21.571 ug/l

RT: 7.10 min Scan# 880

Delta R.T. -0.01 min

Lab File: VY001374.D

Acq: 24 Jan 2020 12:15

Instrument :

MSVOA_Y

ClientSampleId :

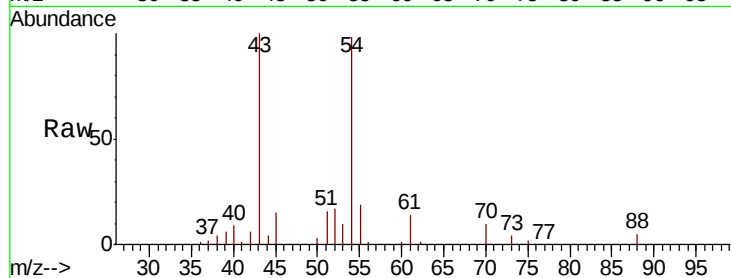
Tot Ion: 43 Resp: 40221

Ion Ratio Lower Upper

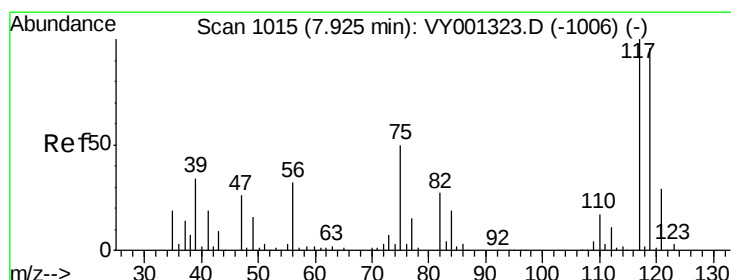
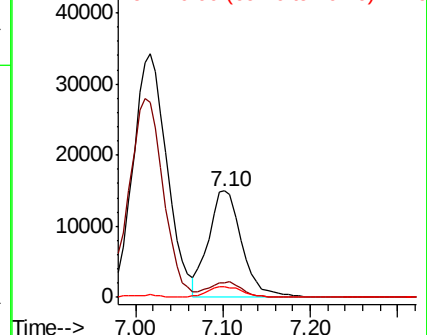
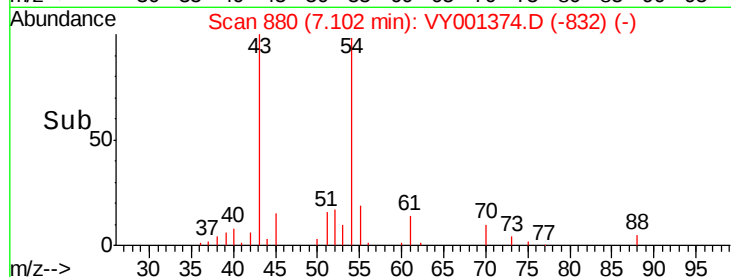
43 100

61 14.0 11.3 16.9

70 10.4 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VY001374.D (-832) (-)



#38

Carbon Tetrachloride

Concen: 21.741 ug/l

RT: 7.92 min Scan# 1014

Delta R.T. -0.01 min

Lab File: VY001374.D

Acq: 24 Jan 2020 12:15

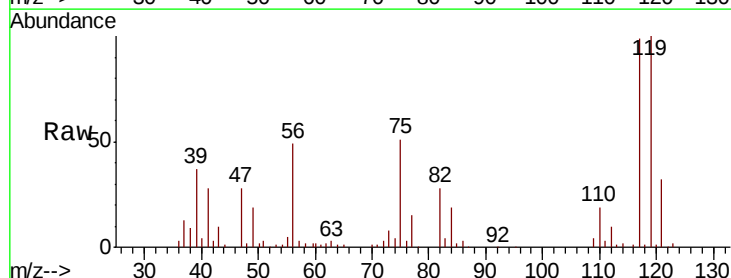
Tgt Ion: 117 Resp: 59132

Ion Ratio Lower Upper

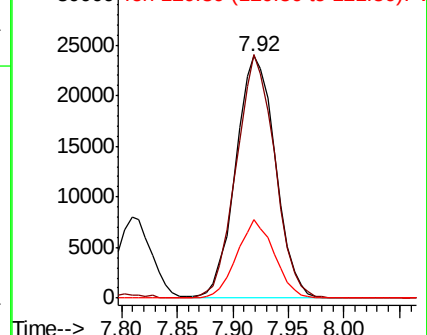
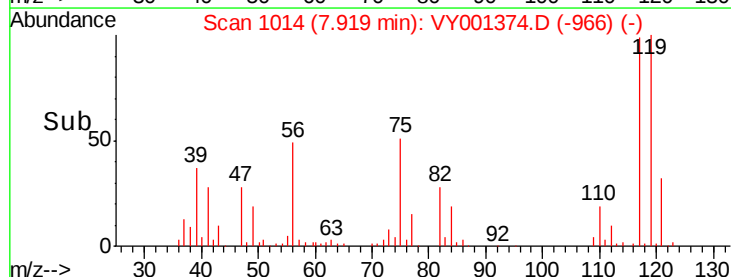
117 100

119 100.5 76.3 114.5

121 32.5 23.5 35.3



Abundance Ion 116.80 (116.50 to 117.50): VY001374.D (-966) (-)

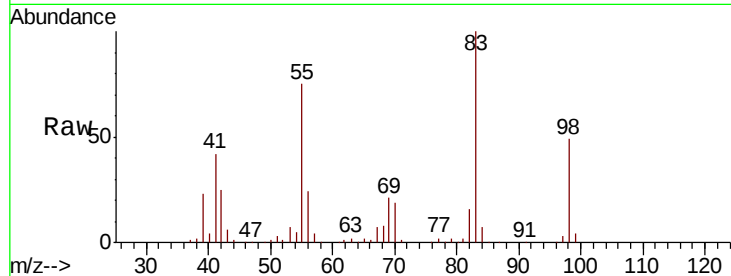




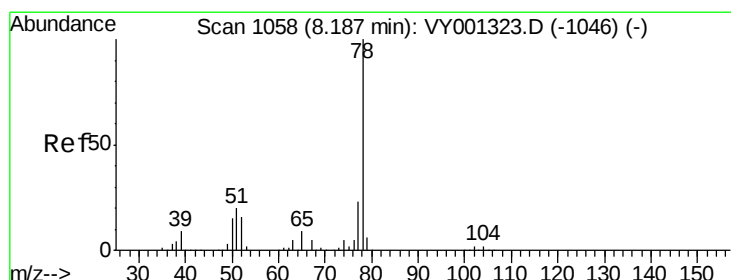
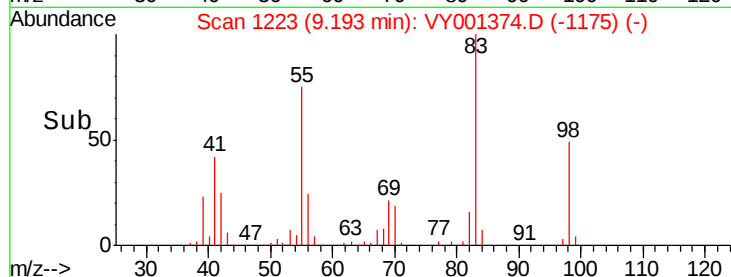
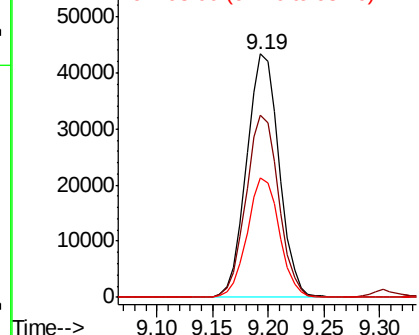
#39
Methylvlcyclohexane
Concen: 22.616 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 83 Resp: 88418
Ion Ratio Lower Upper
83 100
55 75.0 60.7 91.1
98 49.3 37.8 56.8

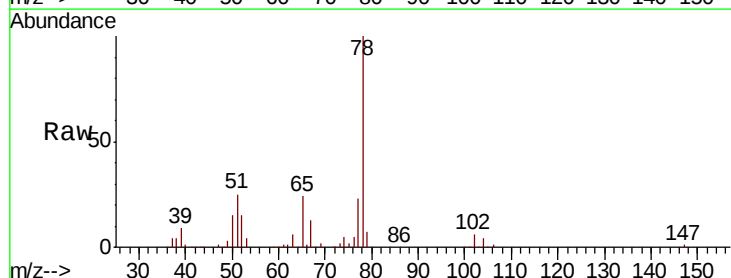


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

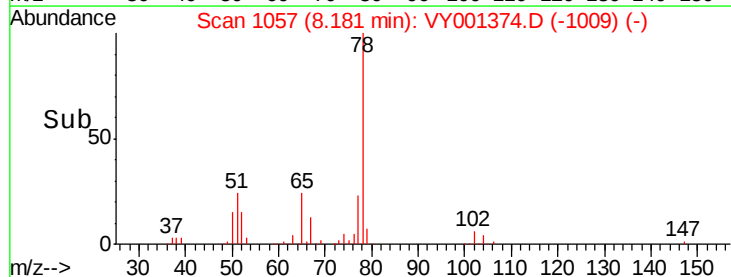
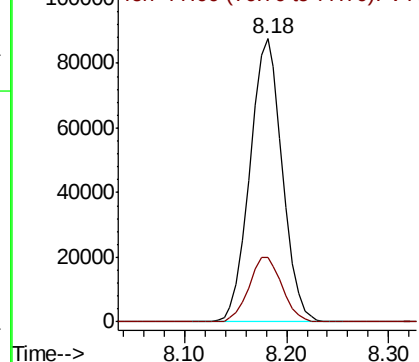


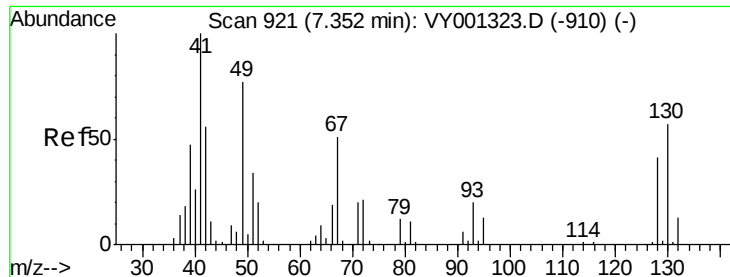
#40
Benzene
Concen: 21.120 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

Tgt Ion: 78 Resp: 193263
Ion Ratio Lower Upper
78 100
77 22.8 18.6 27.8



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

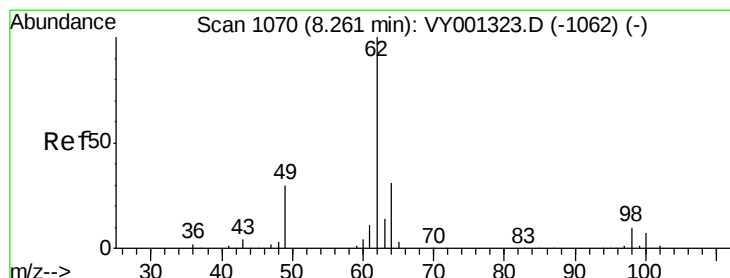
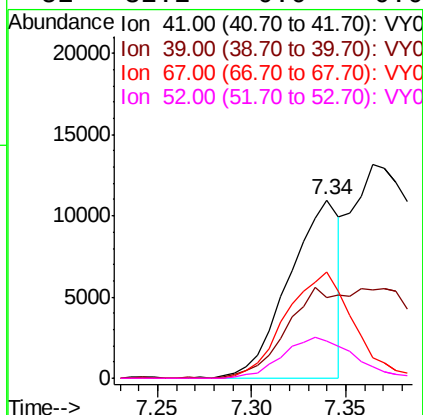
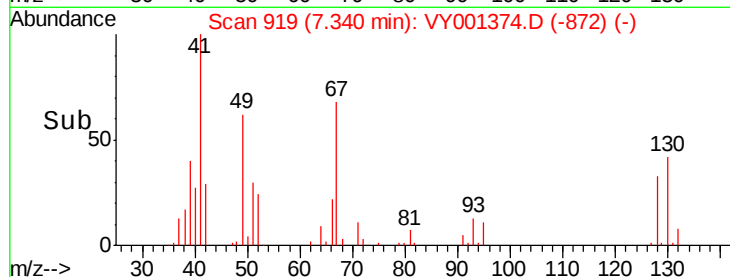
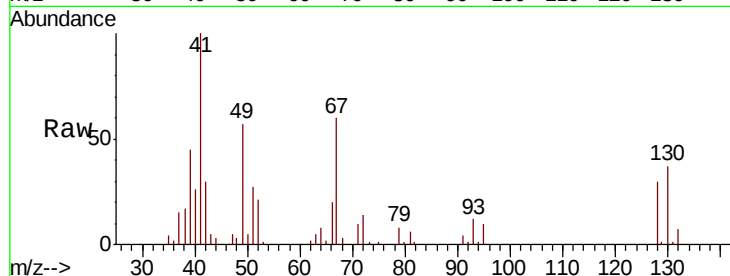




#41
Methacrylonitrile
Concen: 21.431 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

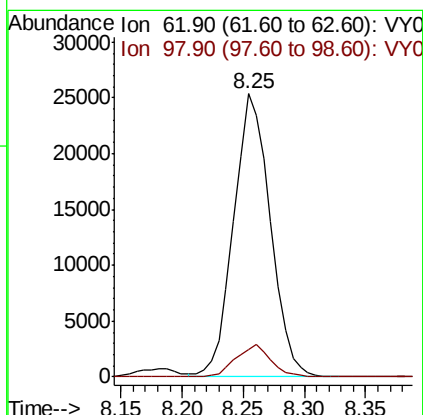
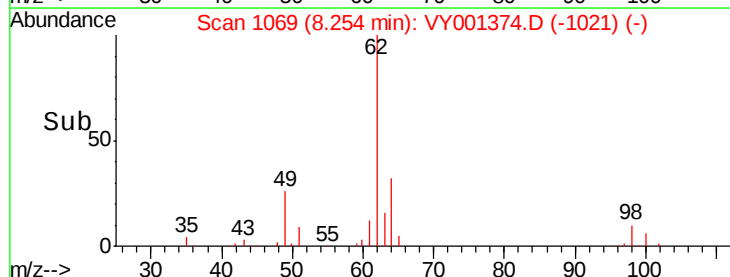
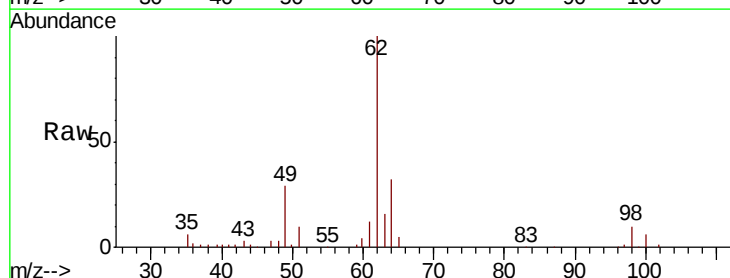
Instrument :
MSVOA_Y
ClientSampleId :

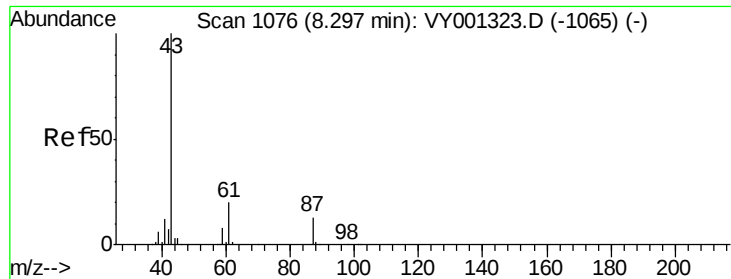
Tot Ion:	41	Resp:	20621
Ion	Ratio	Lower	Upper
41	100		
39	60.9	0.0	0.0#
67	78.6	0.0	0.0#
52	32.2	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 20.730 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

Tgt Ion:	62	Resp:	53004
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	20.8





#43

Isopropyl Acetate

Concen: 21.207 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. -0.01 min

Lab File: VY001374.D

Acq: 24 Jan 2020 12:15

Instrument :

MSVOA_Y

ClientSampleId :

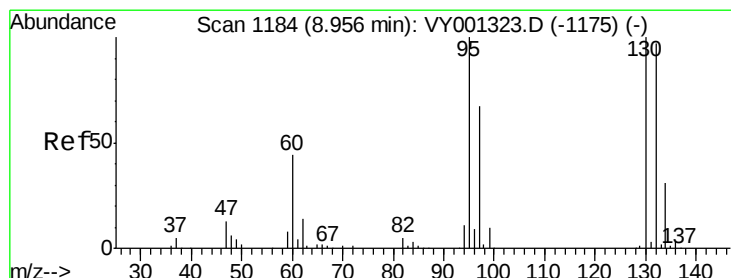
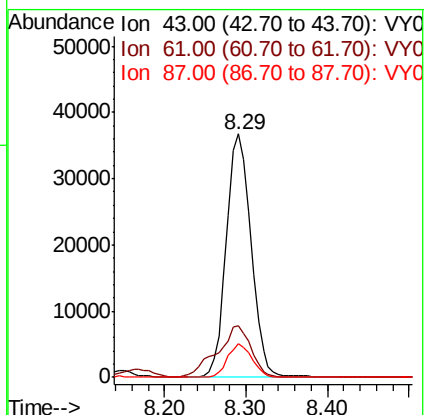
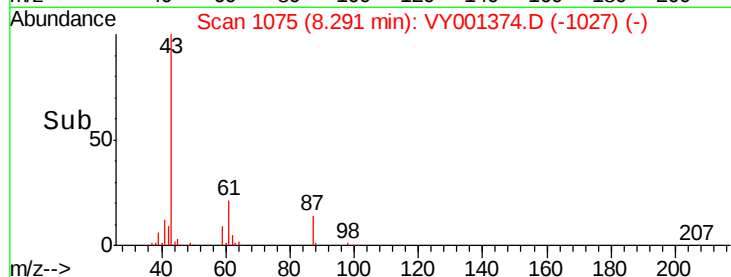
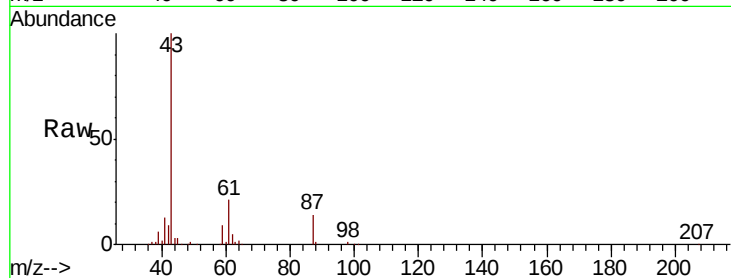
Tot Ion: 43 Resp: 76889

Ion Ratio Lower Upper

43 100

61 28.6 22.7 34.1

87 13.4 11.0 16.4



#44

Trichloroethene

Concen: 21.171 ug/l

RT: 8.96 min Scan# 1184

Delta R.T. -0.00 min

Lab File: VY001374.D

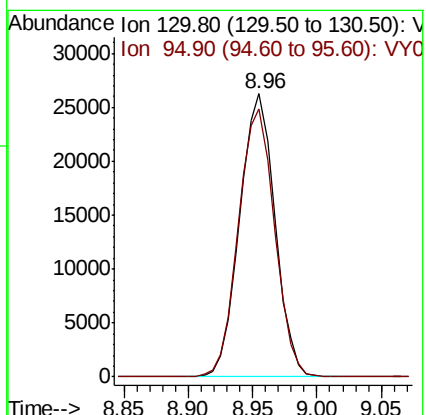
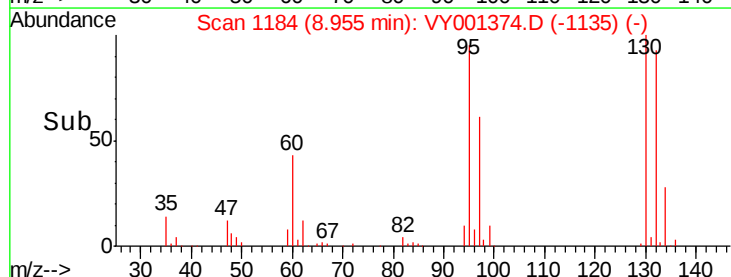
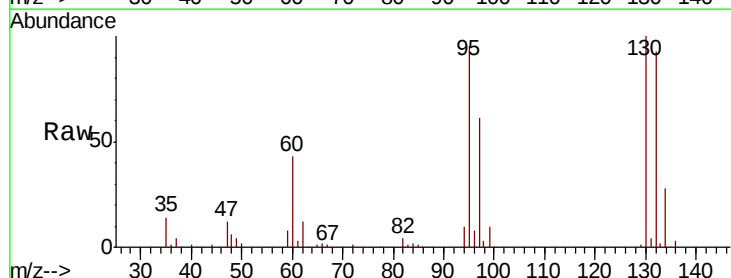
Acq: 24 Jan 2020 12:15

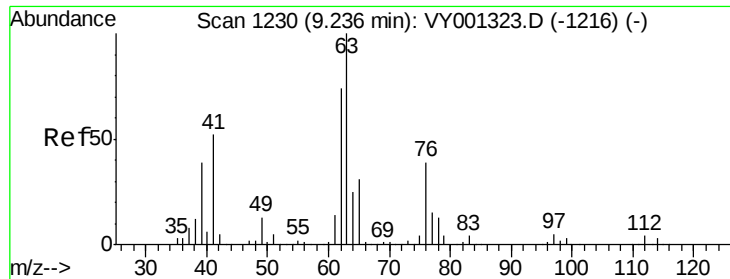
Tgt Ion:130 Resp: 49712

Ion Ratio Lower Upper

130 100

95 94.6 0.0 200.0

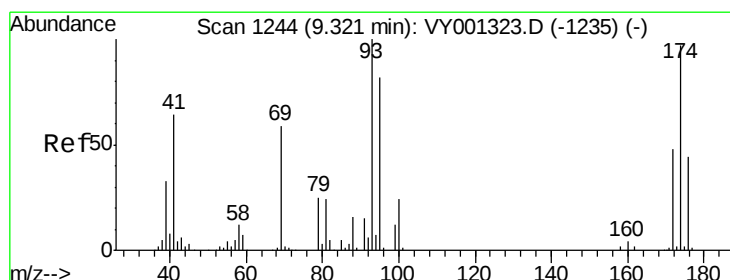
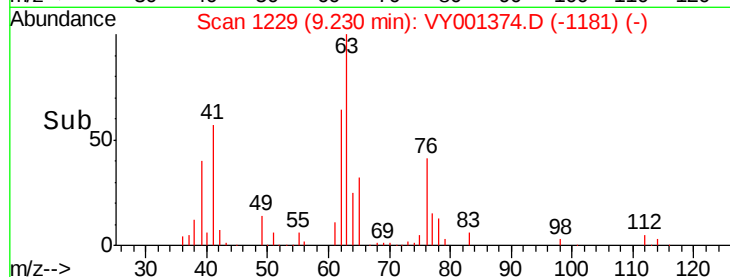
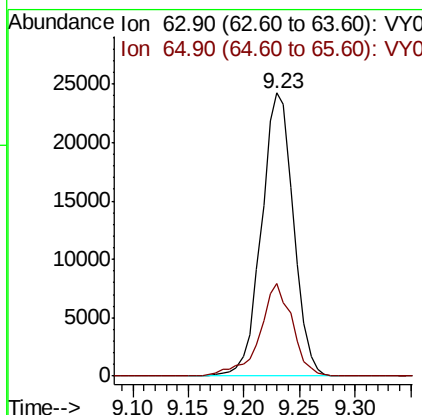
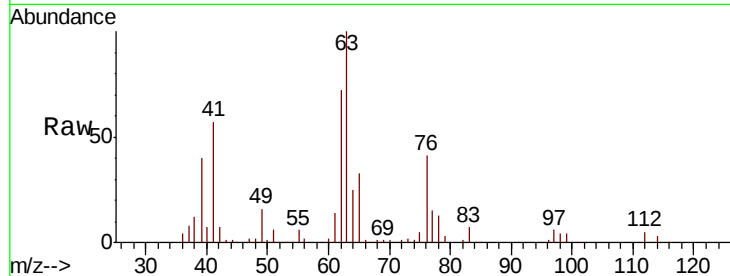




#45
 1,2-Dichloropropane
 Concen: 20.969 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: VY001374.D
 Acq: 24 Jan 2020 12:15

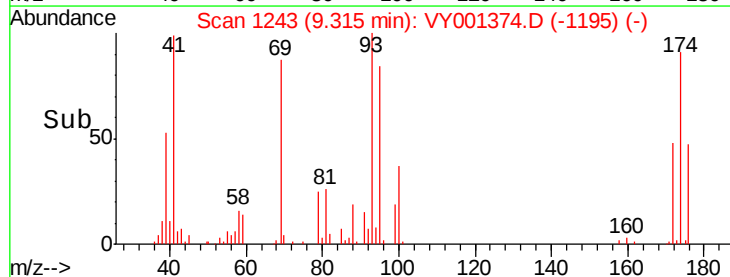
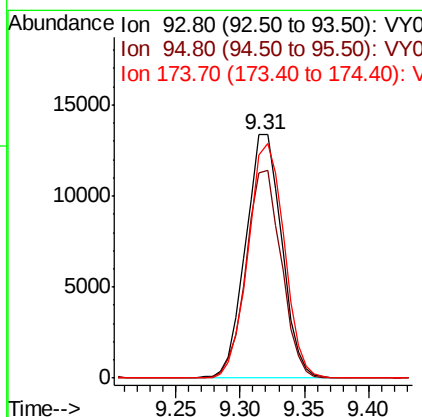
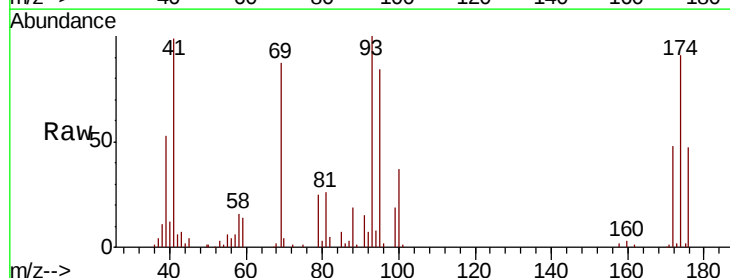
Instrument :
 MSVOA_Y
 ClientSampled :

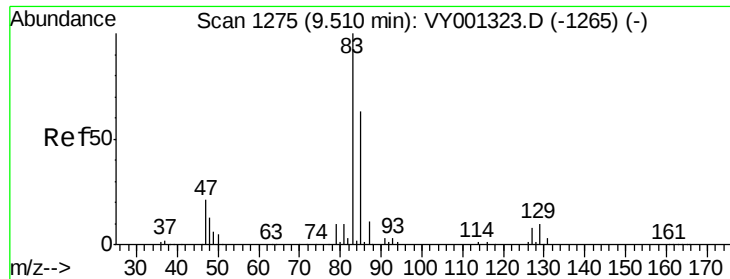
Tot Ion: 63 Resp: 48506
 Ion Ratio Lower Upper
 63 100
 65 32.9 24.9 37.3



#46
 Dibromomethane
 Concen: 20.867 ug/l
 RT: 9.31 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: VY001374.D
 Acq: 24 Jan 2020 12:15

Tgt Ion: 93 Resp: 25914
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.5 99.7
 174 96.1 77.9 116.9





#47

Bromodichloromethane

Concen: 20.766 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VY001374.D

Acq: 24 Jan 2020 12:15

Instrument :

MSVOA_Y

ClientSampleId :

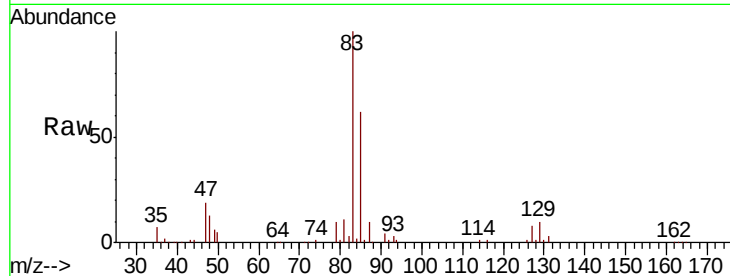
Tot Ion: 83 Resp: 61648

Ion Ratio Lower Upper

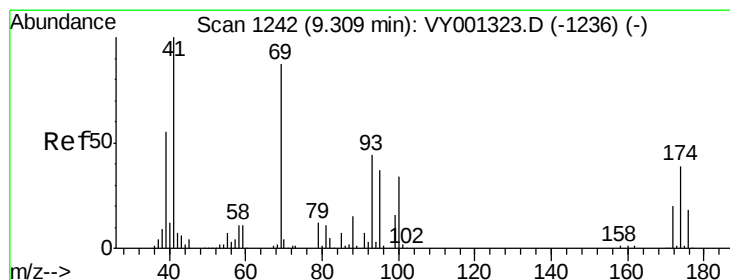
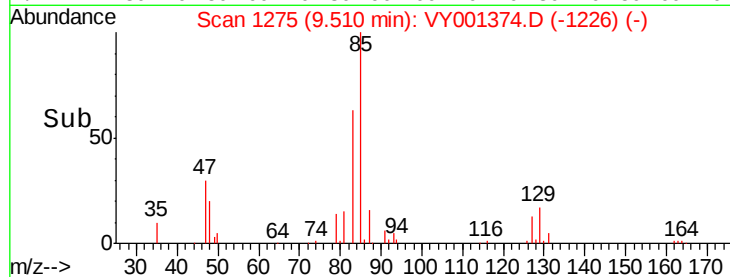
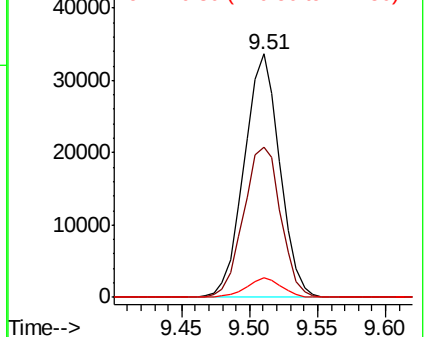
83 100

85 61.8 50.2 75.2

127 7.8 6.4 9.6



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



#48

Methyl methacrylate

Concen: 20.969 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY001374.D

Acq: 24 Jan 2020 12:15

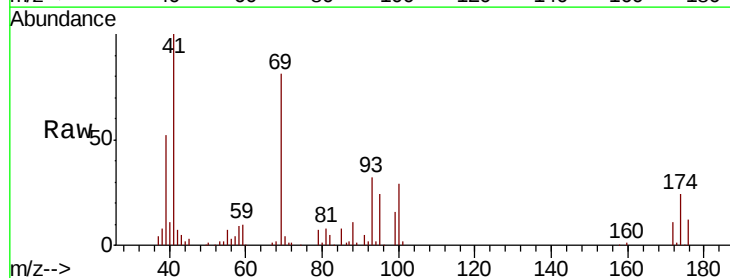
Tgt Ion: 41 Resp: 34561

Ion Ratio Lower Upper

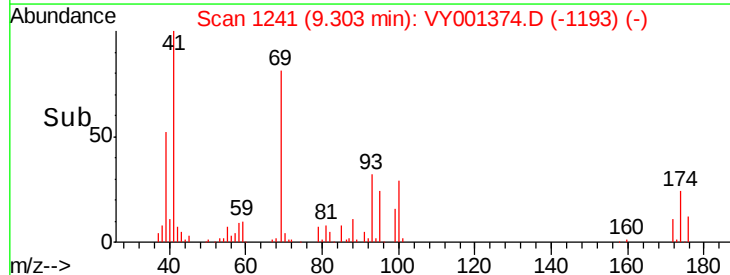
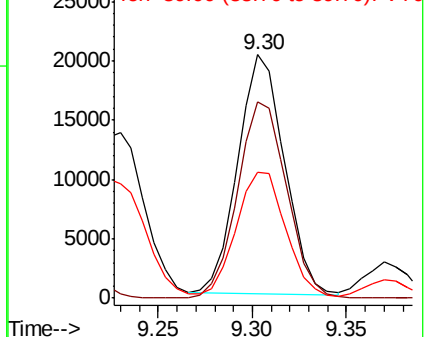
41 100

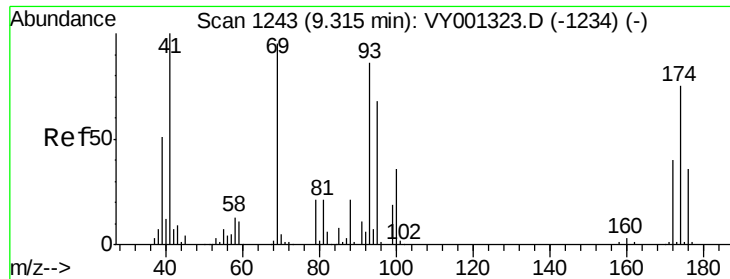
69 86.7 70.2 105.4

39 54.7 45.7 68.5



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

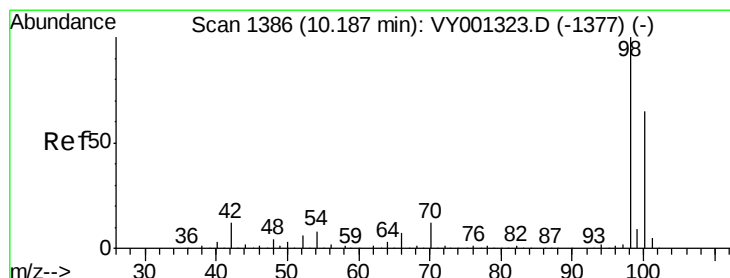
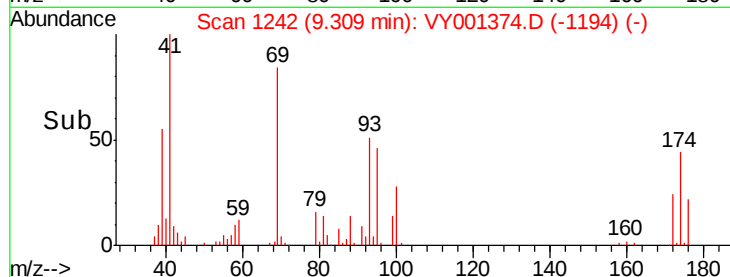
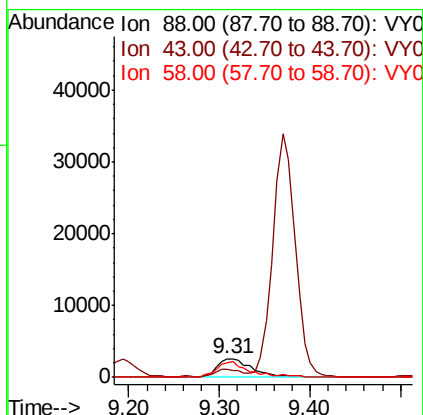
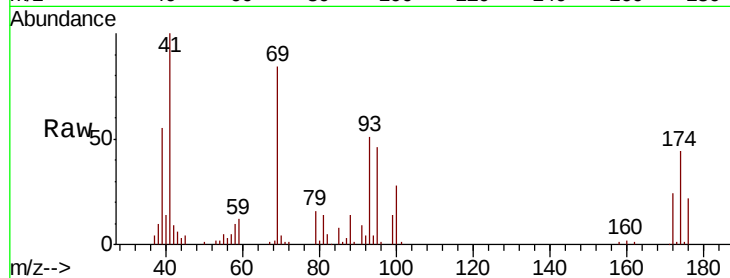




#49
 1,4-Dioxane
 Concen: 416.211 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: VY001374.D
 Acq: 24 Jan 2020 12:15

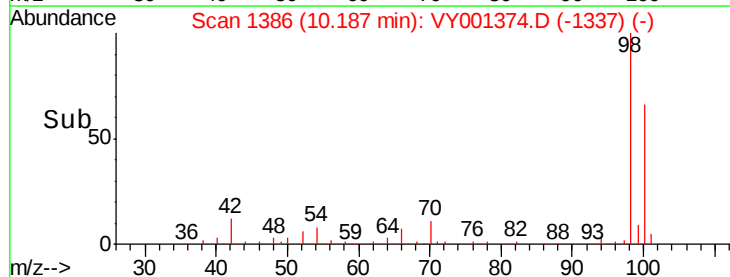
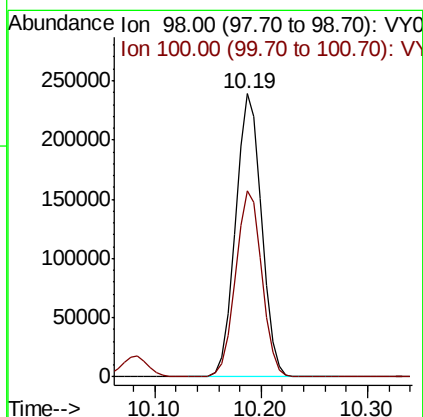
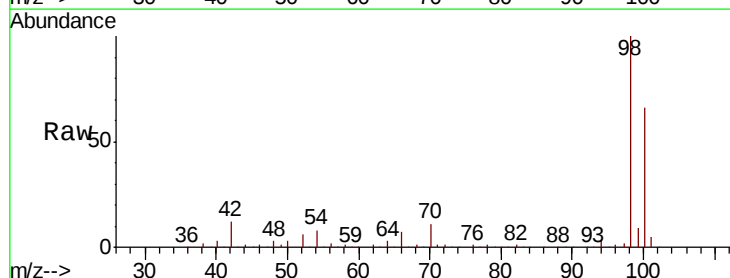
Instrument :
 MSVOA_Y
 ClientSampleId :

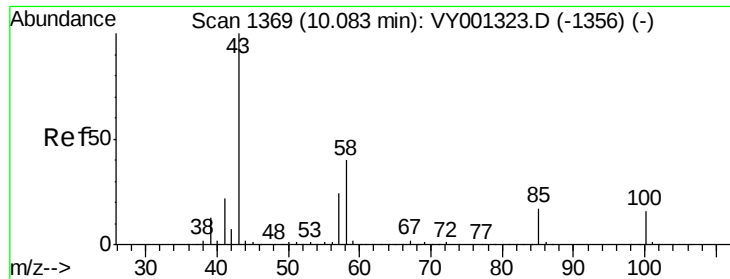
Tot Ion: 88 Resp: 7289
 Ion Ratio Lower Upper
 88 100
 43 27.8 28.2 42.2#
 58 77.5 55.6 83.4



#50
 Toluene-d8
 Concen: 55.486 ug/l
 RT: 10.19 min Scan# 1386
 Delta R.T. -0.00 min
 Lab File: VY001374.D
 Acq: 24 Jan 2020 12:15

Tgt Ion: 98 Resp: 408706
 Ion Ratio Lower Upper
 98 100
 100 66.3 52.6 79.0





#51

4-Methyl-2-Pentanone

Concen: 106.041 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VY001374.D

Acq: 24 Jan 2020 12:15

Instrument :

MSVOA_Y

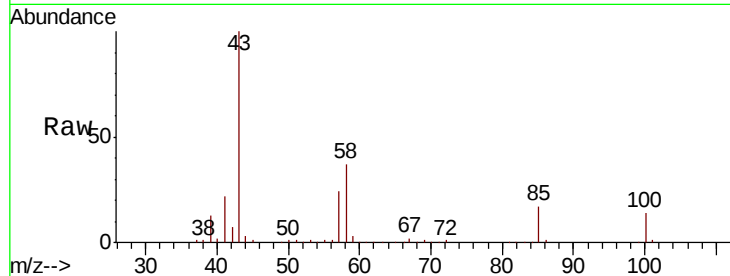
ClientSampled :

Tot Ion: 43 Resp: 197995

Ion Ratio Lower Upper

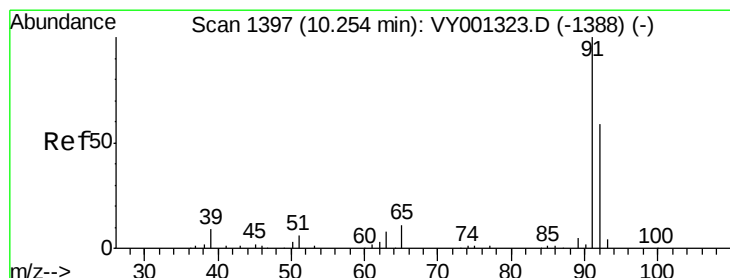
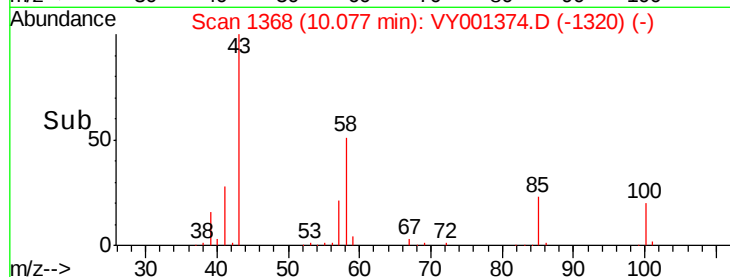
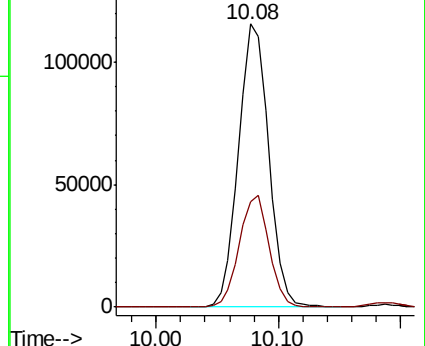
43 100

58 39.1 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 21.176 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VY001374.D

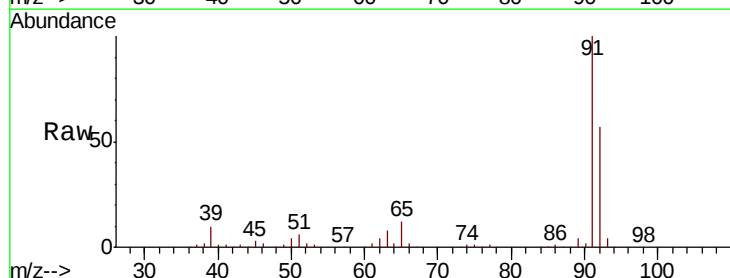
Acq: 24 Jan 2020 12:15

Tgt Ion: 92 Resp: 122834

Ion Ratio Lower Upper

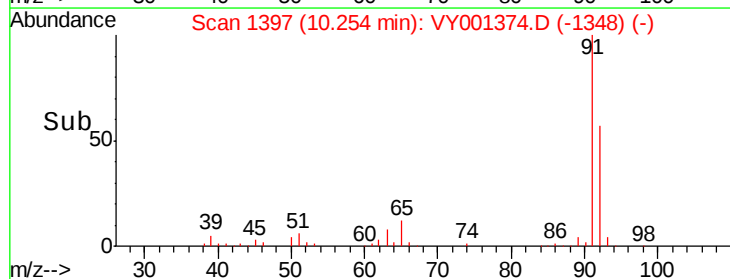
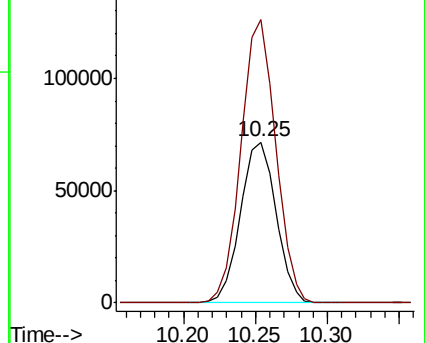
92 100

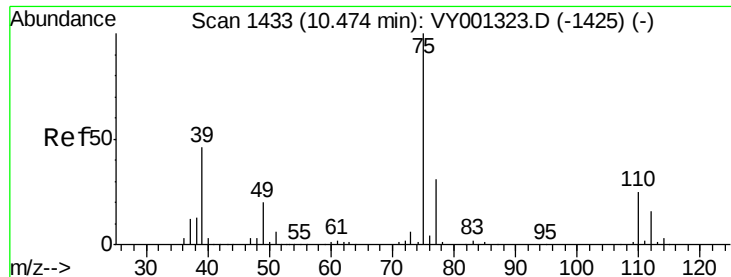
91 172.0 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





#53

t-1,3-Dichloropropene

Concen: 20.493 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.00 min

Lab File: VY001374.D

Acq: 24 Jan 2020 12:15

Instrument :

MSVOA_Y

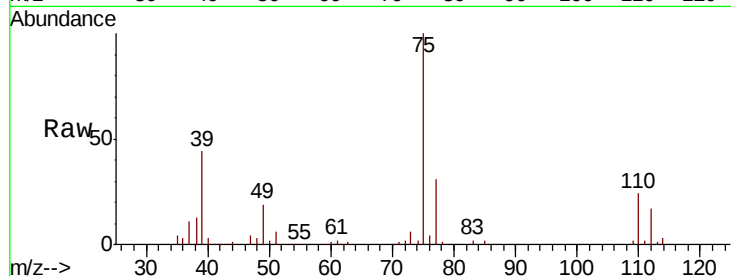
ClientSampleId :

Tot Ion: 75 Resp: 67431

Ion Ratio Lower Upper

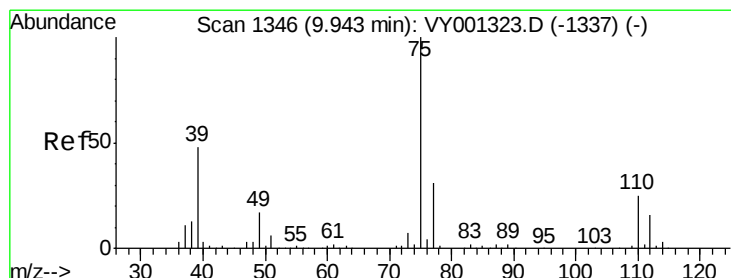
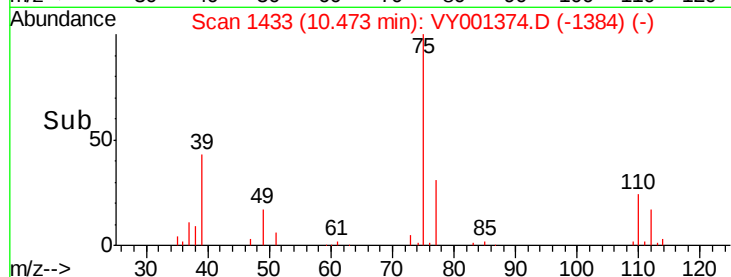
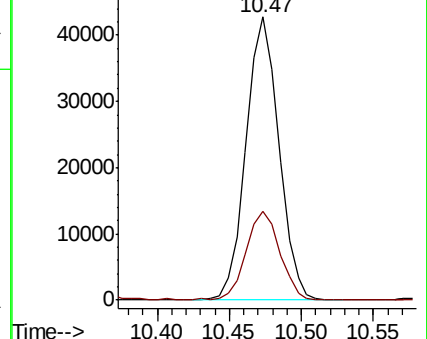
75 100

77 31.4 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 20.793 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VY001374.D

Acq: 24 Jan 2020 12:15

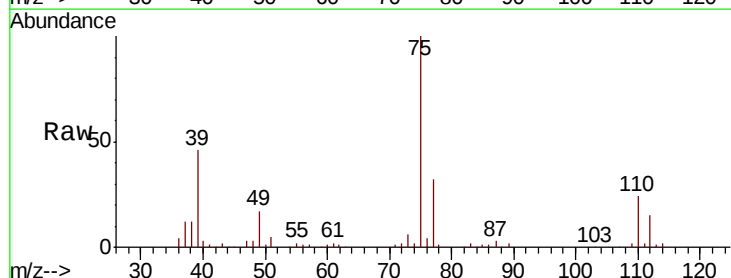
Tgt Ion: 75 Resp: 78533

Ion Ratio Lower Upper

75 100

77 32.3 25.0 37.6

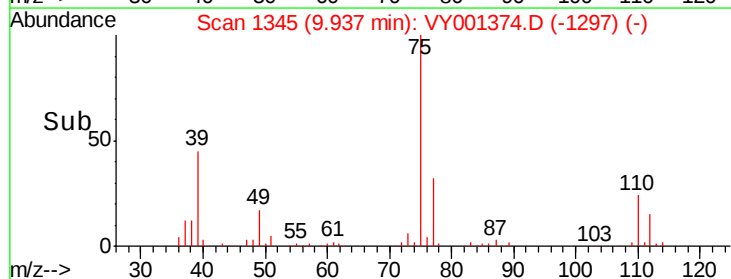
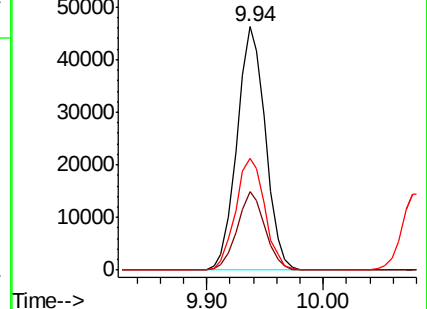
39 45.7 38.2 57.4

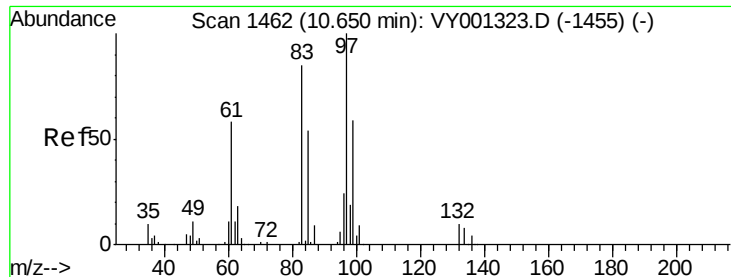


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

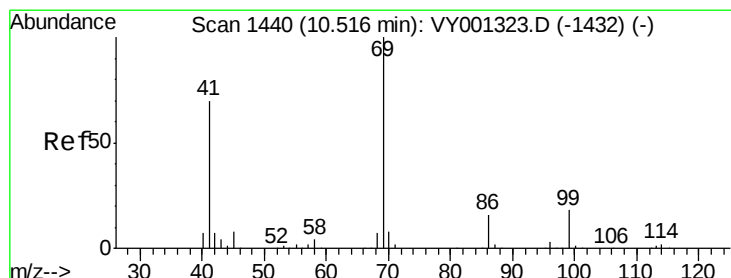
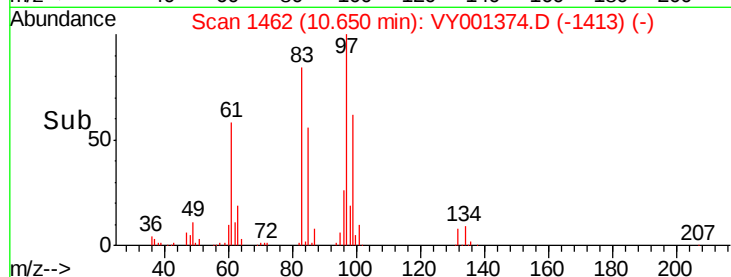
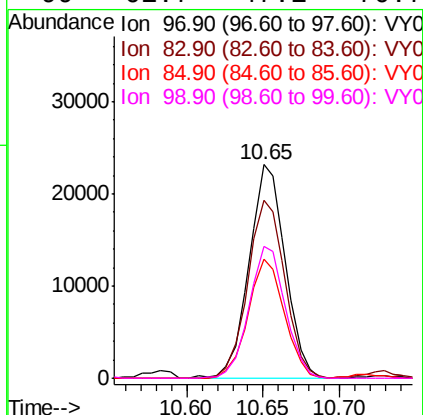
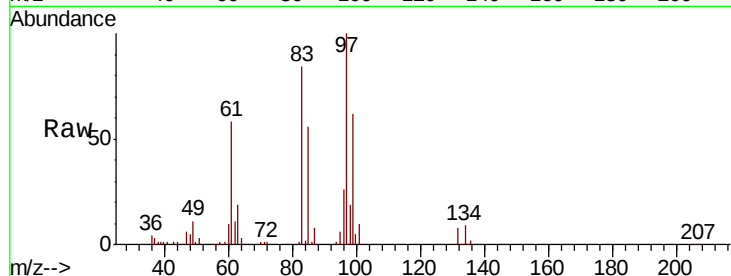




#55
 1,1,2-Trichloroethane
 Concen: 20.773 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: VY001374.D
 Acq: 24 Jan 2020 12:15

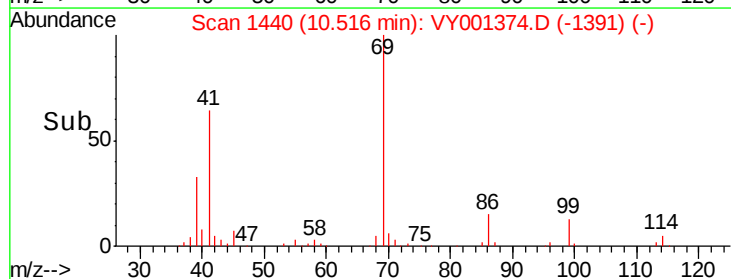
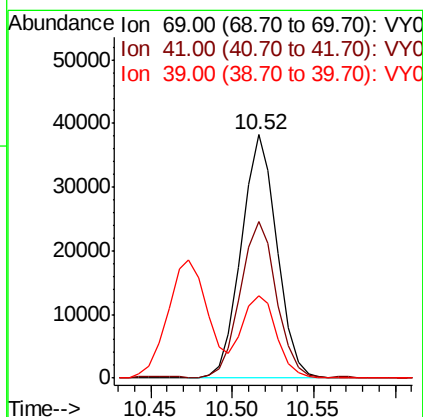
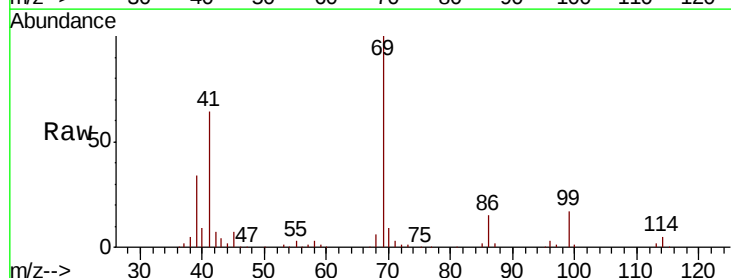
Instrument :
 MSVOA_Y
 ClientSampleId :

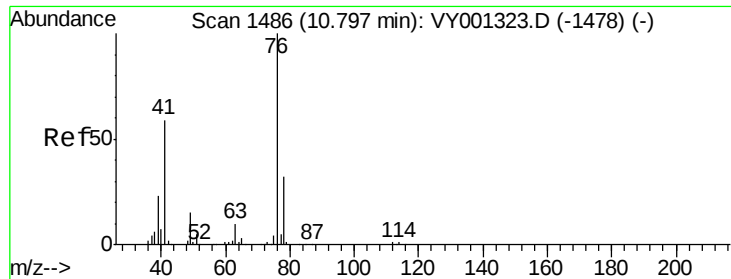
Tot Ion: 97 Resp: 38076
 Ion Ratio Lower Upper
 97 100
 83 83.6 68.0 102.0
 85 55.6 43.6 65.4
 99 61.7 47.1 70.7



#56
 Ethyl methacrylate
 Concen: 20.974 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VY001374.D
 Acq: 24 Jan 2020 12:15

Tgt Ion: 69 Resp: 58107
 Ion Ratio Lower Upper
 69 100
 41 64.5 54.1 81.1
 39 32.7 26.8 40.2

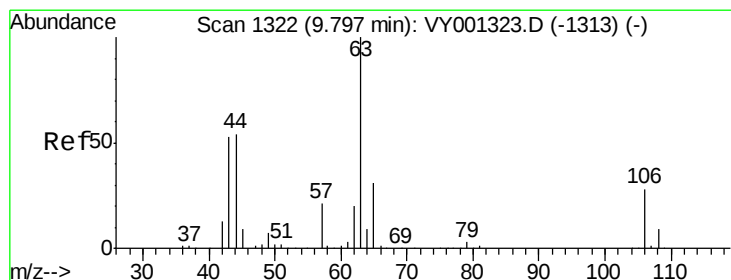
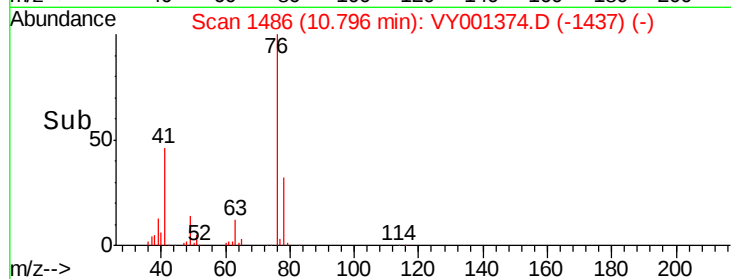
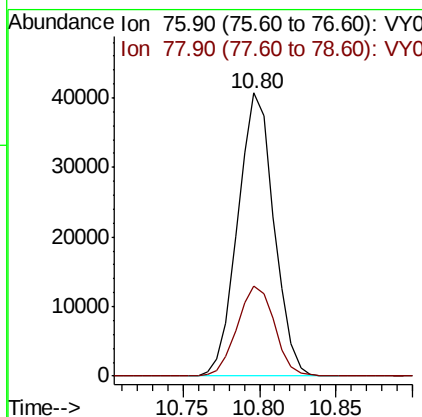
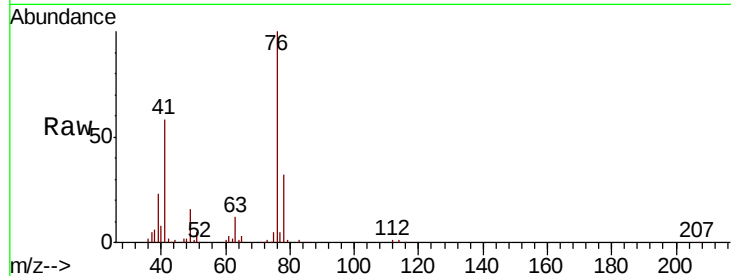




#57
 1,3-Dichloropropane
 Concen: 20.926 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VY001374.D
 Acq: 24 Jan 2020 12:15

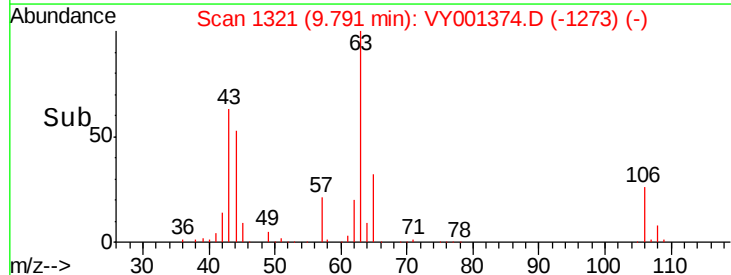
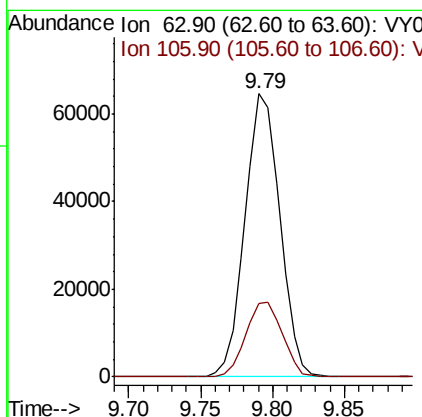
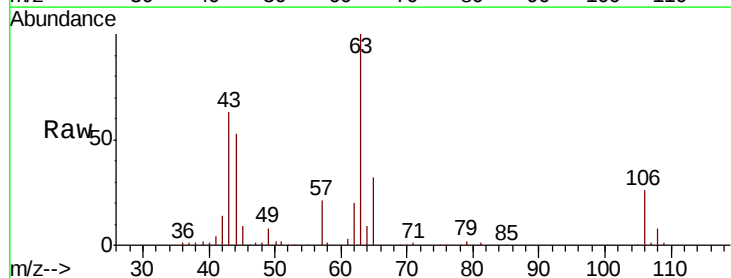
Instrument :
 MSVOA_Y
 ClientSampled :

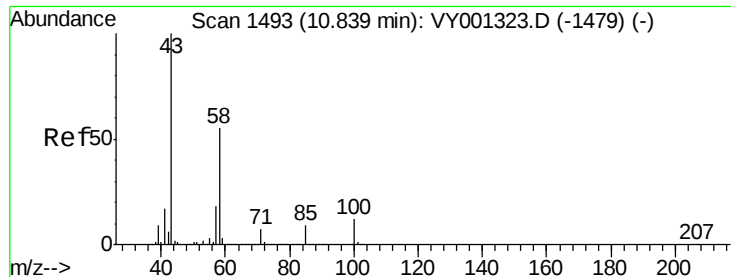
Tot Ion: 76 Resp: 66817
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 113.211 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: VY001374.D
 Acq: 24 Jan 2020 12:15

Tgt Ion: 63 Resp: 108530
 Ion Ratio Lower Upper
 63 100
 106 27.6 22.5 33.7

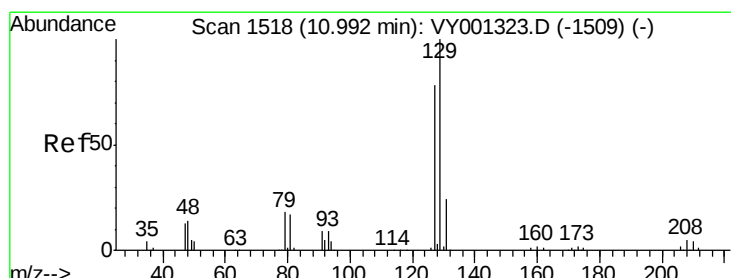
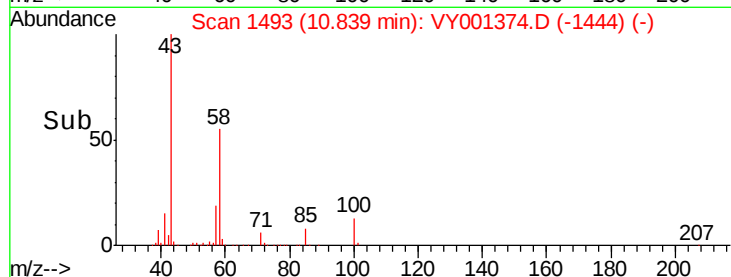
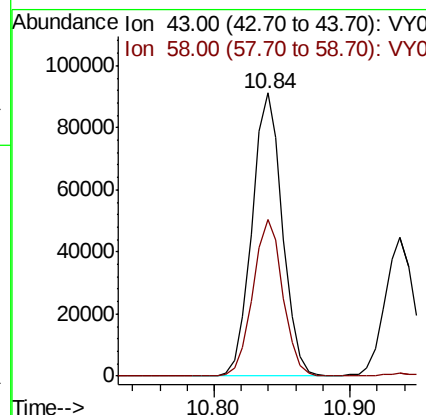
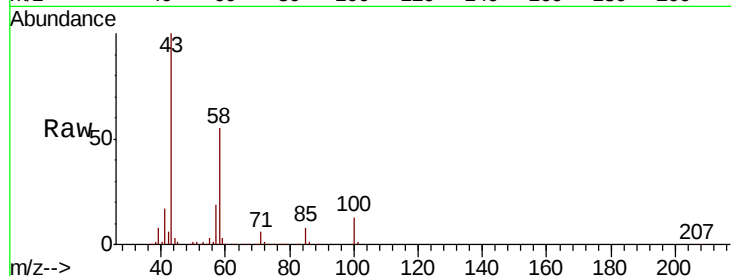




#59
2-Hexanone
Concen: 109.765 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

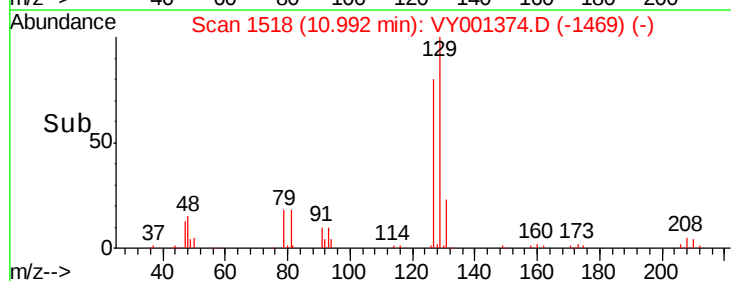
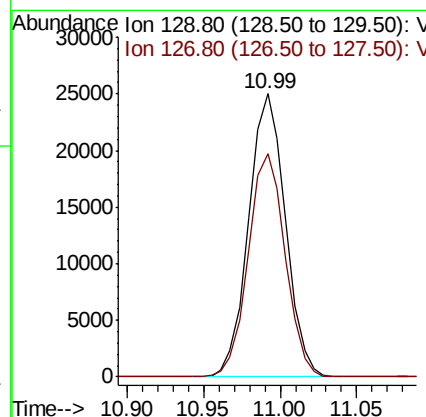
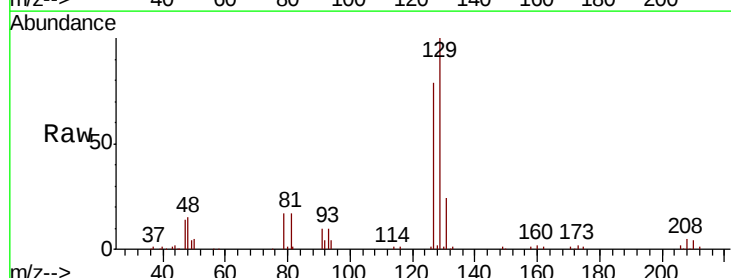
Instrument :
MSVOA_Y
ClientSampleId :

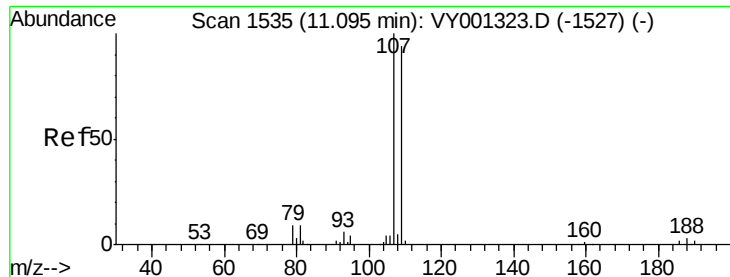
Tot Ion: 43 Resp: 142679
Ion Ratio Lower Upper
43 100
58 54.6 27.6 82.8



#60
Dibromochloromethane
Concen: 20.331 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

Tgt Ion:129 Resp: 41681
Ion Ratio Lower Upper
129 100
127 79.2 38.8 116.4

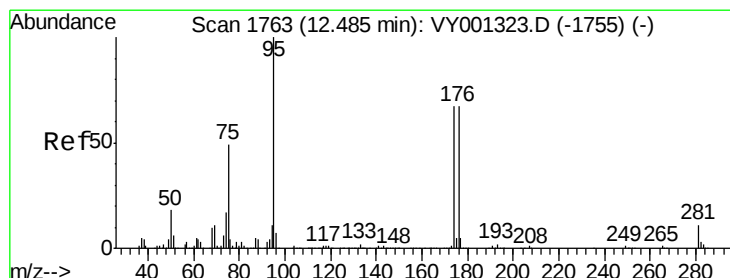
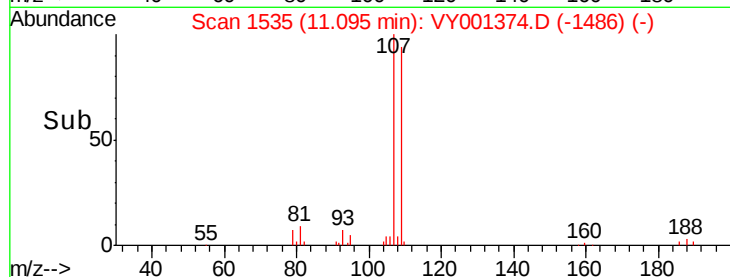
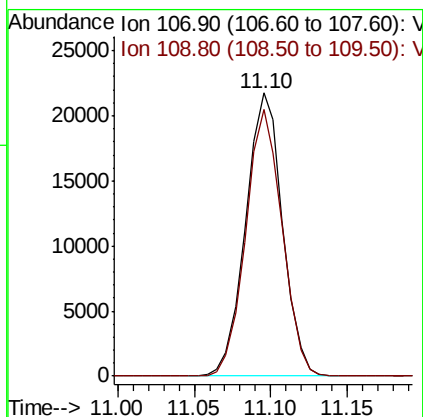
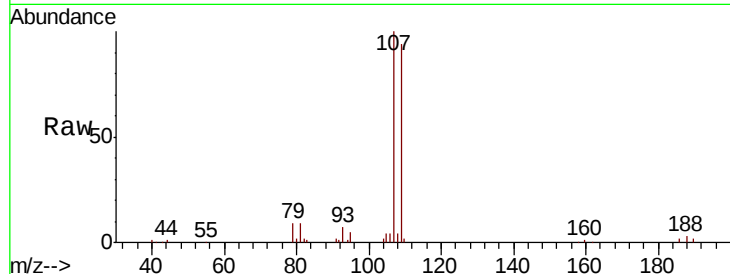




#61
 1,2-Dibromoethane
 Concen: 20.916 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VY001374.D
 Acq: 24 Jan 2020 12:15

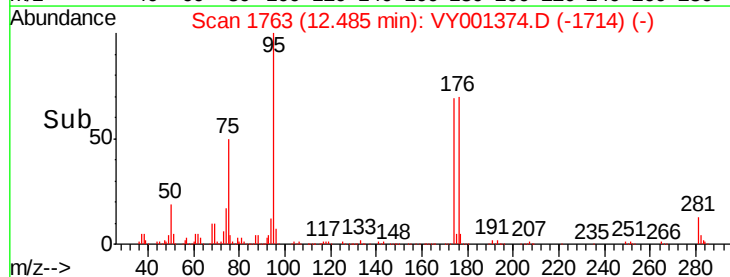
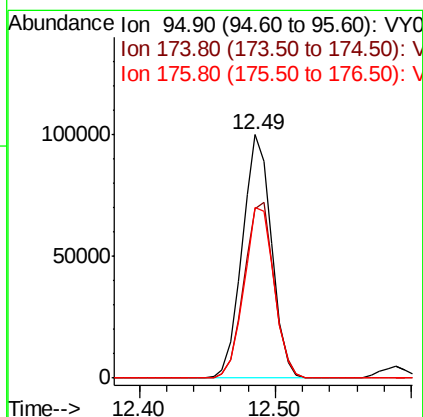
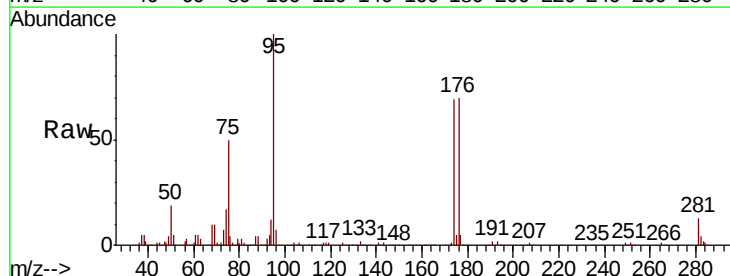
Instrument :
 MSVOA_Y
 ClientSampleId :

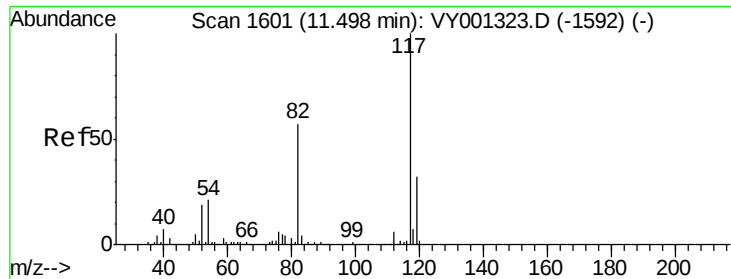
Tot Ion:107 Resp: 36243
 Ion Ratio Lower Upper
 107 100
 109 93.4 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 51.001 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.00 min
 Lab File: VY001374.D
 Acq: 24 Jan 2020 12:15

Tgt Ion: 95 Resp: 149603
 Ion Ratio Lower Upper
 95 100
 174 74.2 0.0 142.0
 176 72.0 0.0 138.6

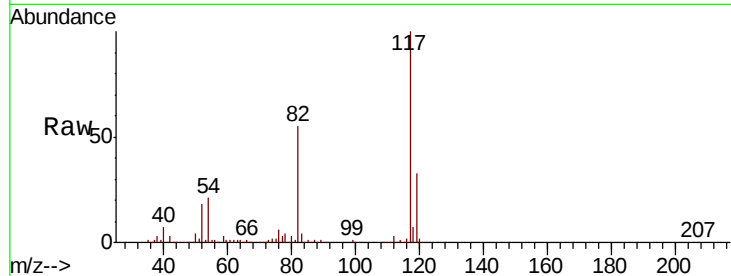




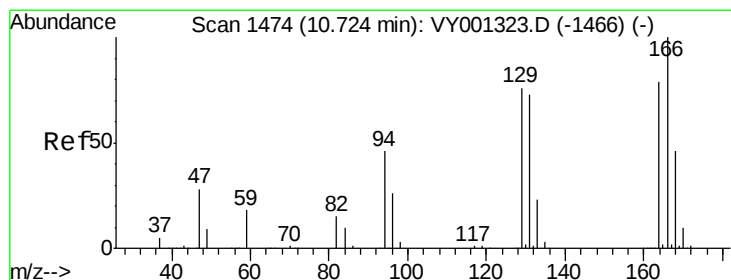
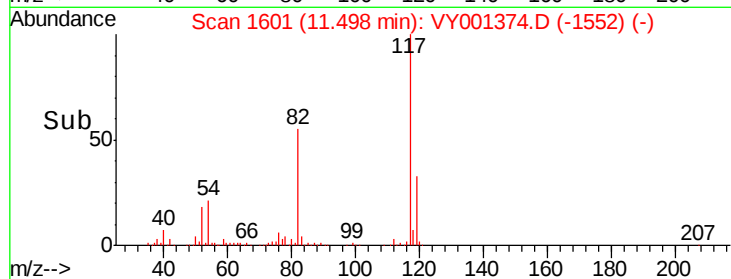
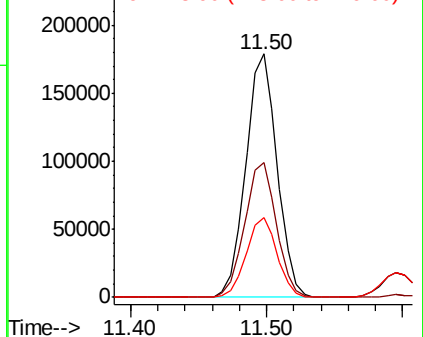
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 287660
Ion Ratio Lower Upper
117 100
82 55.3 45.5 68.3
119 32.6 25.8 38.6

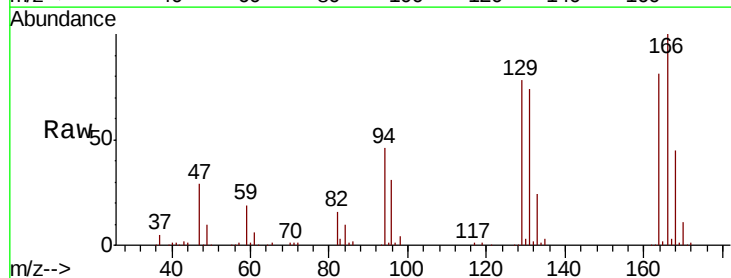


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

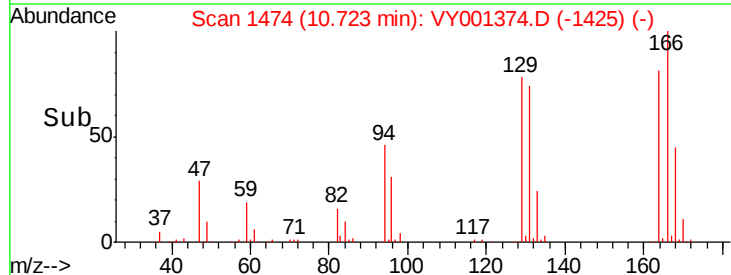
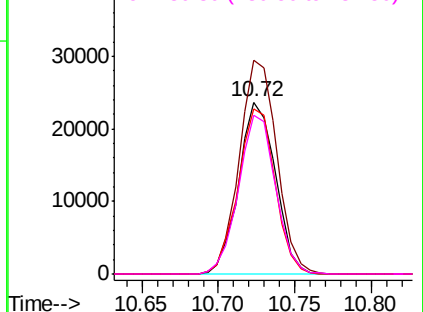


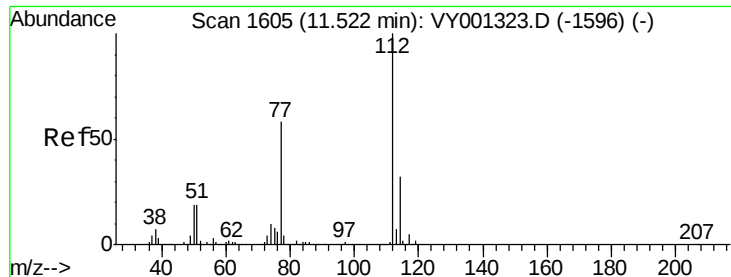
#64
Tetrachloroethene
Concen: 21.507 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

Tgt Ion:164 Resp: 39518
Ion Ratio Lower Upper
164 100
166 124.2 101.8 152.8
129 96.3 77.1 115.7
131 92.3 74.2 111.2



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

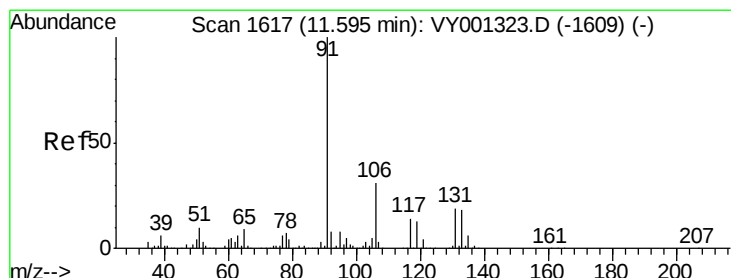
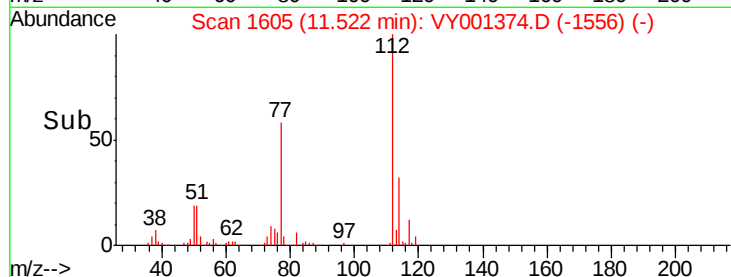
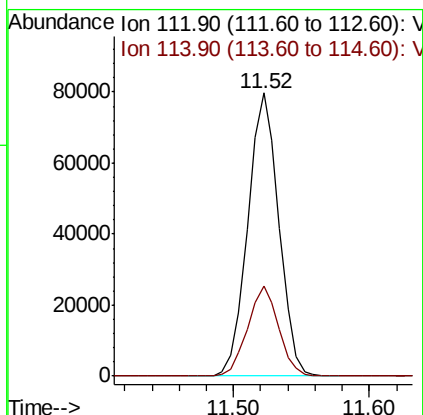
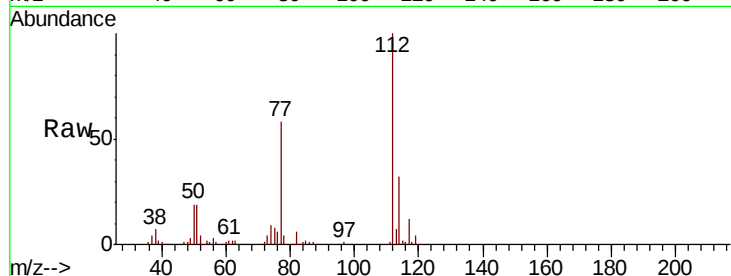




#65
Chlorobenzene
Concen: 20.986 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

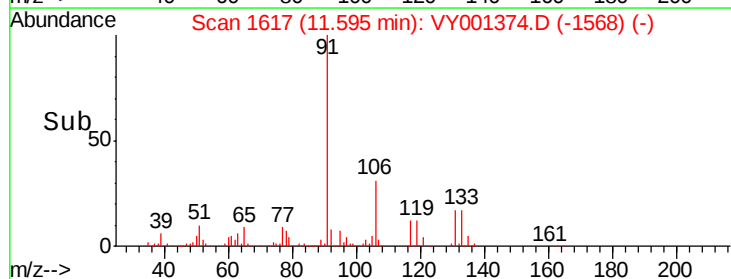
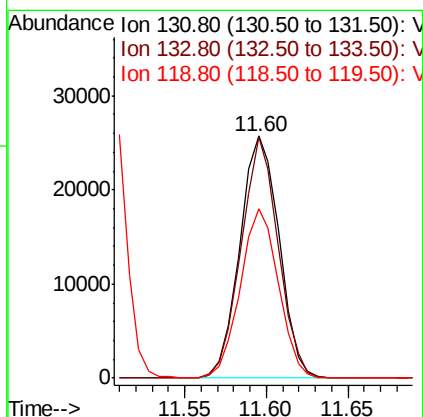
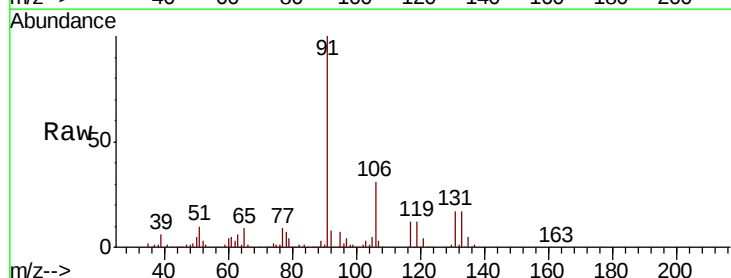
Instrument :
MSVOA_Y
ClientSampleId :

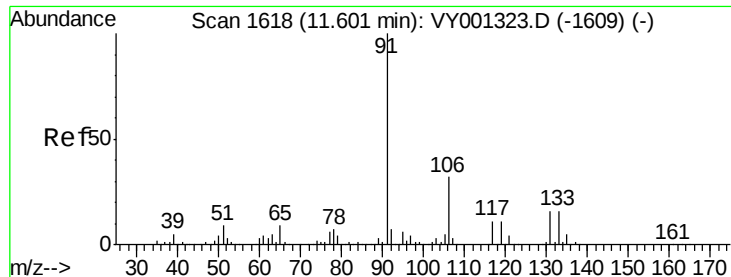
Tot Ion:112 Resp: 127246
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.821 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

Tgt Ion:131 Resp: 43084
Ion Ratio Lower Upper
131 100
133 94.5 47.1 141.3
119 68.2 34.1 102.2

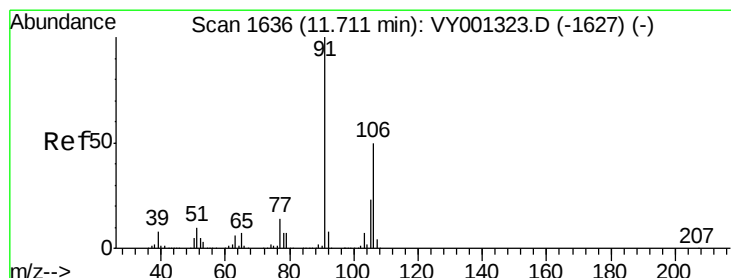
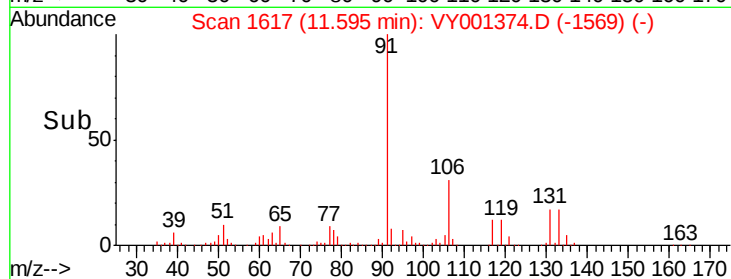
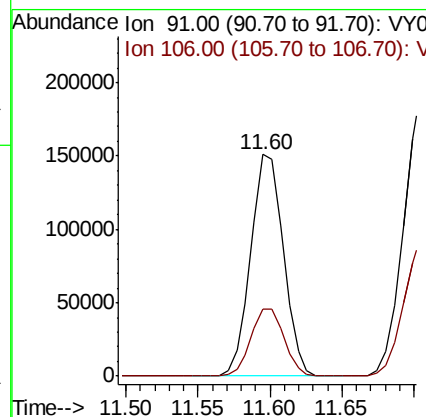
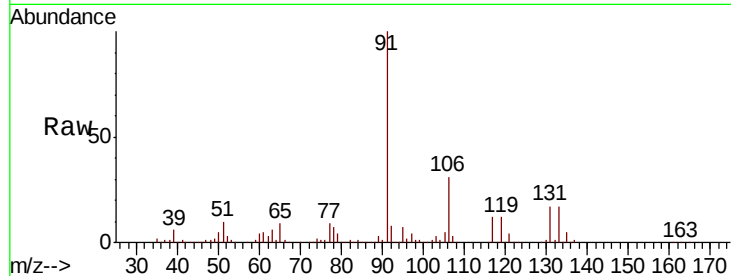




#67
Ethyl Benzene
Concen: 21.135 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

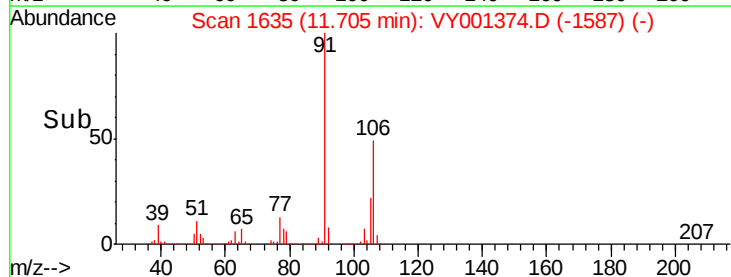
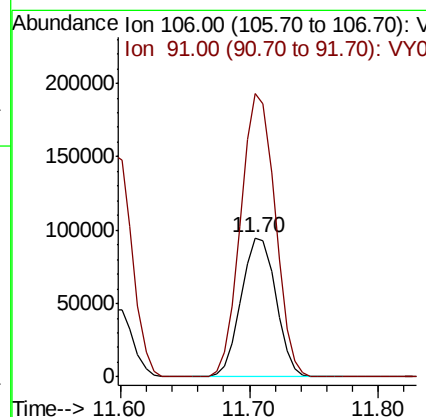
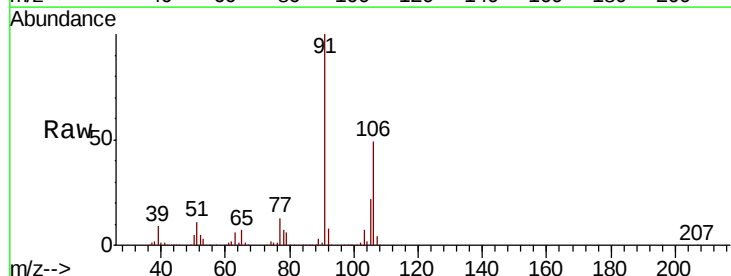
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 91 Resp: 236165
Ion Ratio Lower Upper
91 100
106 30.5 25.4 38.0



#68
m/p-Xylenes
Concen: 42.450 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

Tgt Ion: 106 Resp: 177164
Ion Ratio Lower Upper
106 100
91 202.0 162.8 244.2

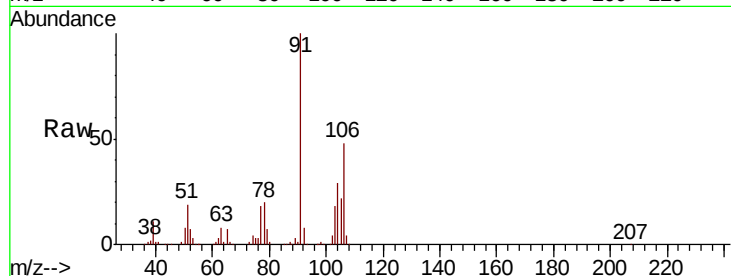




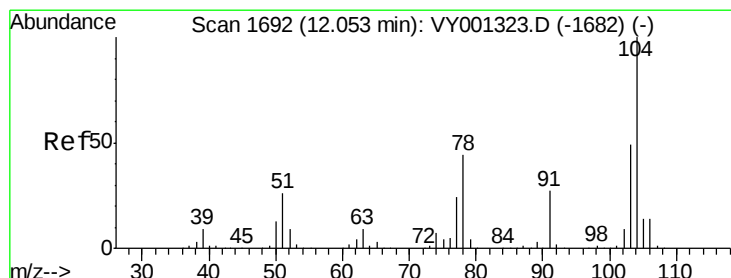
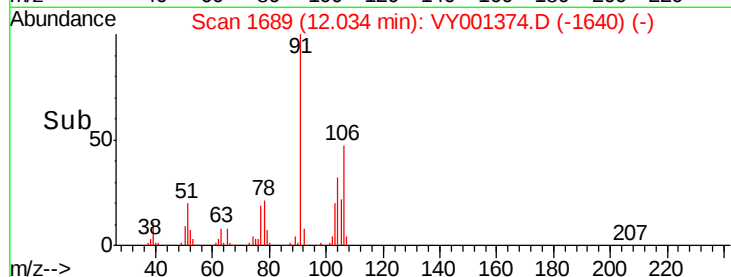
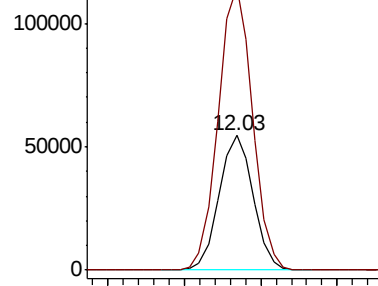
#69
o-Xylene
Concen: 21.038 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:106 Resp: 84466
Ion Ratio Lower Upper
106 100
91 210.5 106.3 319.0

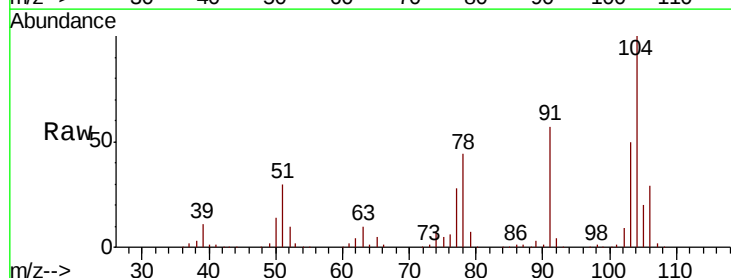


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

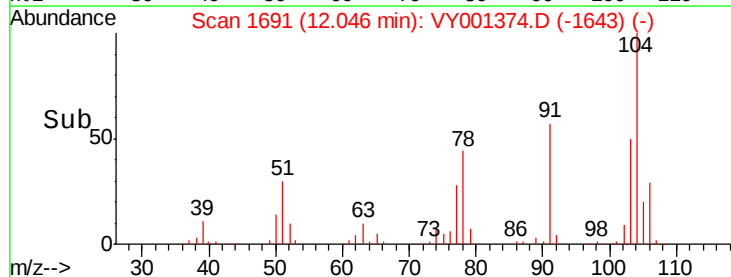
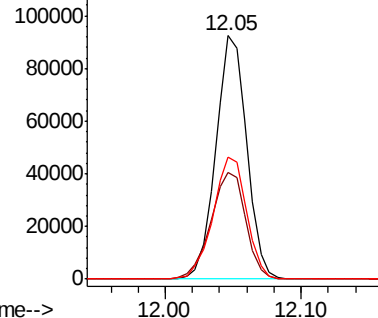


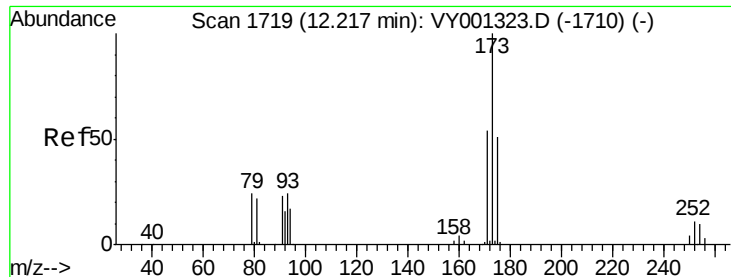
#70
Styrene
Concen: 20.834 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

Tgt Ion:104 Resp: 146758
Ion Ratio Lower Upper
104 100
78 49.1 39.8 59.8
103 54.6 43.2 64.8



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

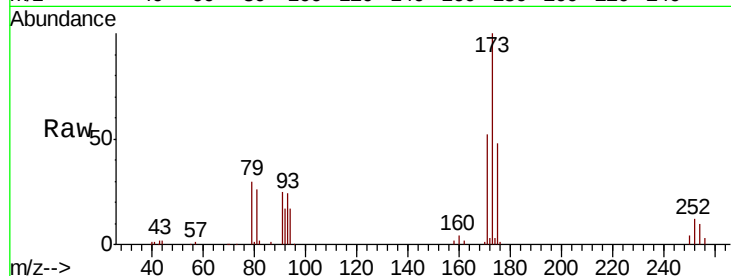




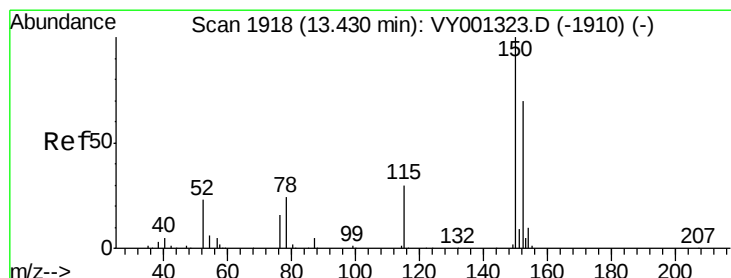
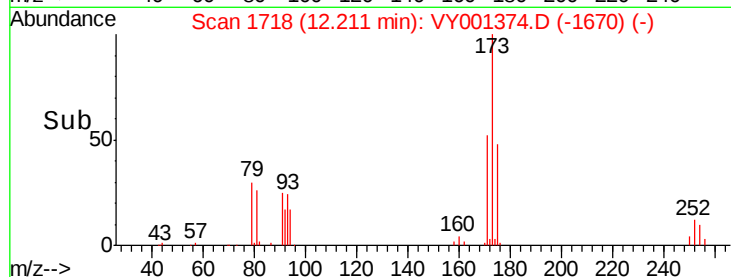
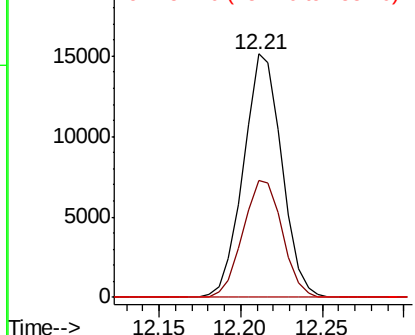
#71
Bromoform
Concen: 20.003 ug/l
RT: 12.21 min Scan# 1718
Delta R.T. -0.01 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:173 Resp: 24708
Ion Ratio Lower Upper
173 100
175 49.0 24.3 72.9
254 0.0 0.0 0.0

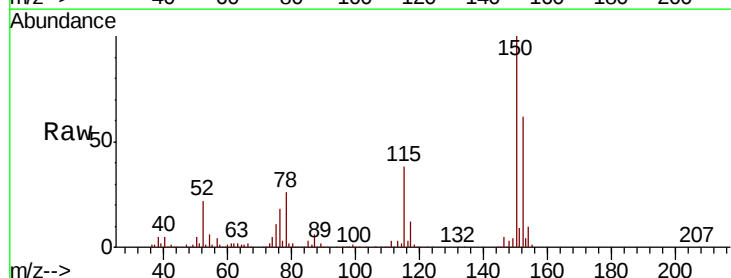


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

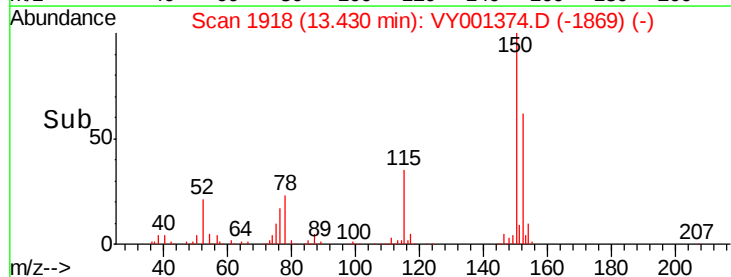
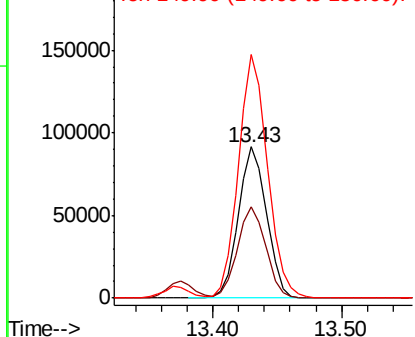


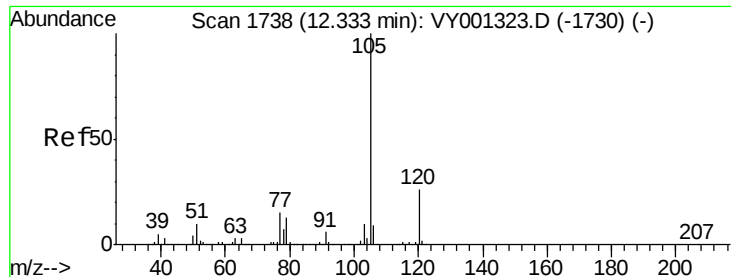
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

Tgt Ion:152 Resp: 137381
Ion Ratio Lower Upper
152 100
115 61.1 30.9 92.8
150 167.2 0.0 349.2



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: 20.852 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VY001374.D

Acq: 24 Jan 2020 12:15

Instrument :

MSVOA_Y

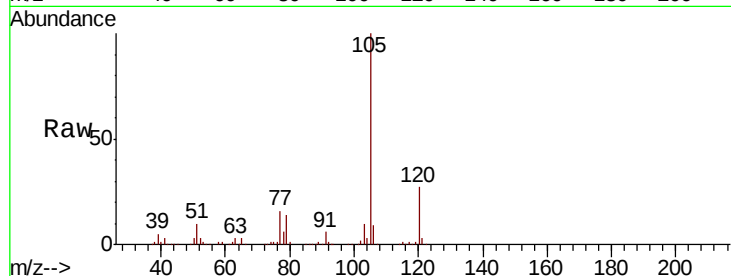
ClientSampleId :

Tot Ion:105 Resp: 226043

Ion Ratio Lower Upper

105 100

120 27.1 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

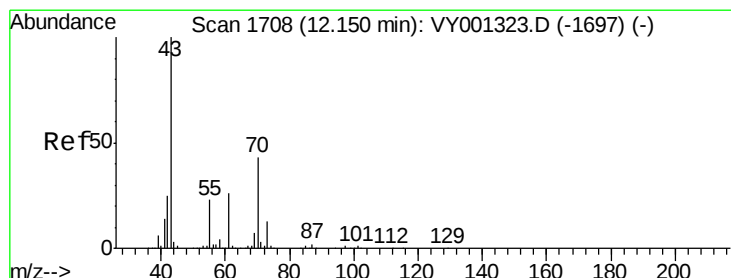
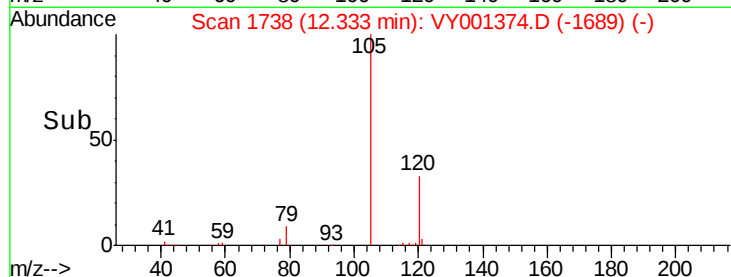
150000

100000

50000

0

Time--> 12.25 12.30 12.35 12.40



#74

N-ethyl acetate

Concen: 20.502 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. -0.00 min

Lab File: VY001374.D

Acq: 24 Jan 2020 12:15

Tgt Ion: 43 Resp: 72749

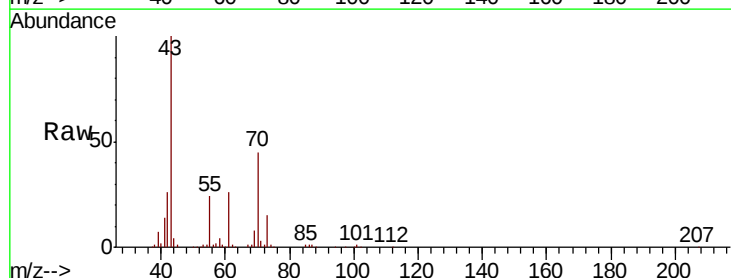
Ion Ratio Lower Upper

43 100

70 42.5 33.5 50.3

55 23.0 18.2 27.2

61 24.1 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

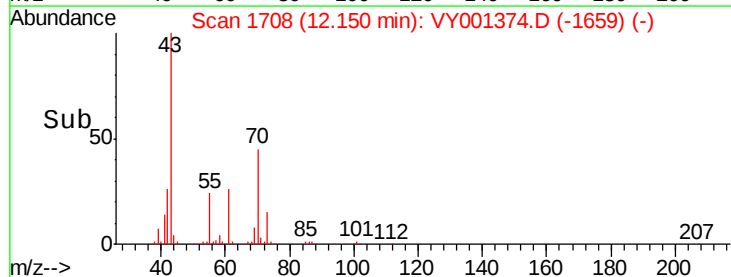
60000

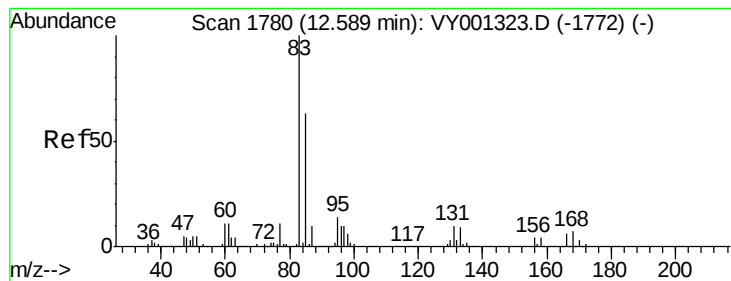
40000

20000

0

Time--> 12.10 12.20 12.30





#75

1,1,2,2-Tetrachloroethane

Concen: 20.694 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VY001374.D

Acq: 24 Jan 2020 12:15

Instrument :

MSVOA_Y

ClientSampleId :

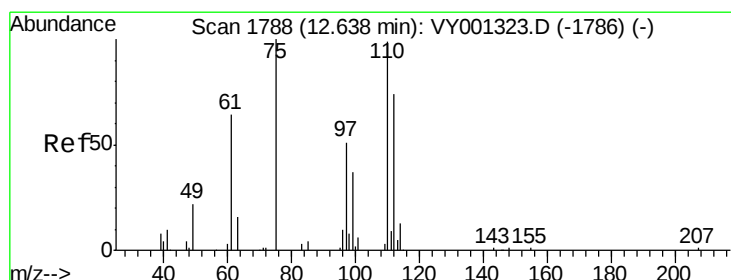
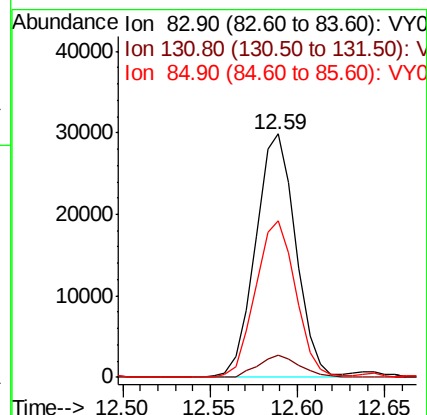
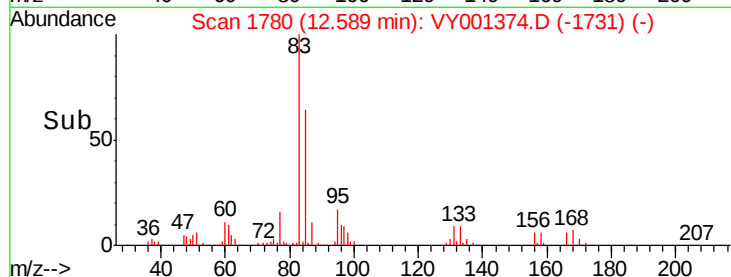
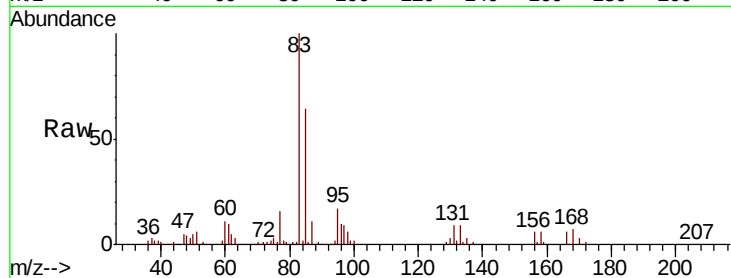
Tot Ion: 83 Resp: 48043

Ion Ratio Lower Upper

83 100

131 9.3 4.9 14.6

85 64.3 31.4 94.3



#76

1,2,3-Trichloropropane

Concen: 38.412 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VY001374.D

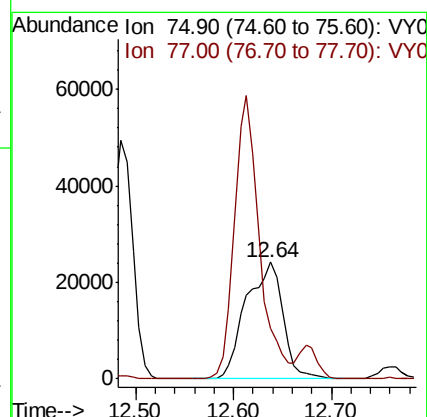
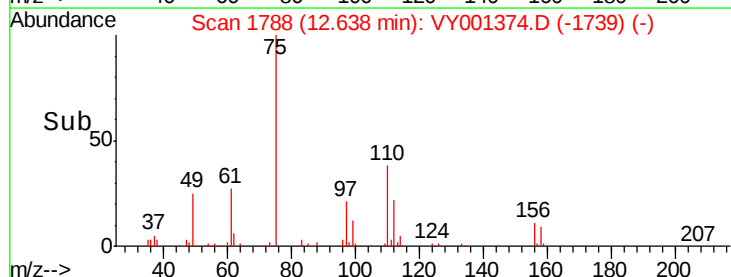
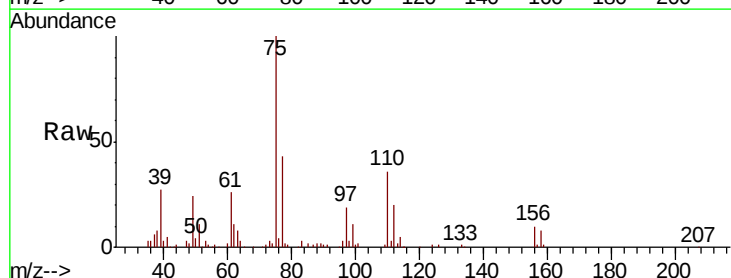
Acq: 24 Jan 2020 12:15

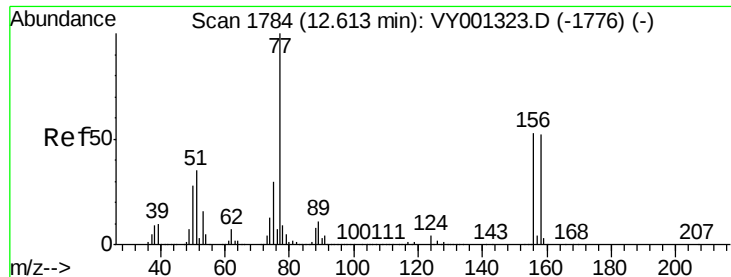
Tgt Ion: 75 Resp: 63589

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.414 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VY001374.D

Acq: 24 Jan 2020 12:15

Instrument :

MSVOA_Y

ClientSampleId :

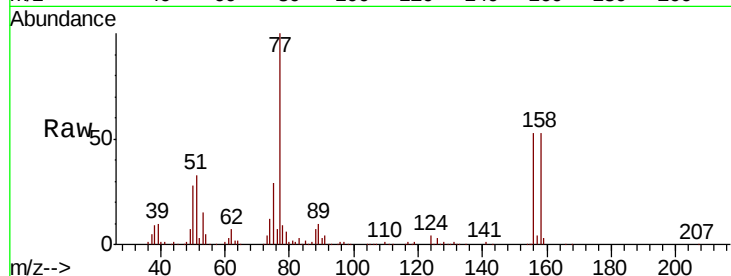
Tot Ion:156 Resp: 49015

Ion Ratio Lower Upper

156 100

77 214.7 104.7 313.9

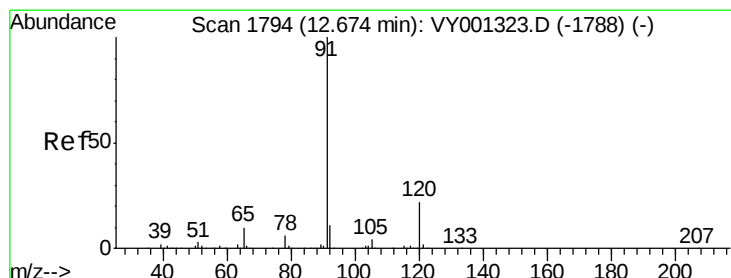
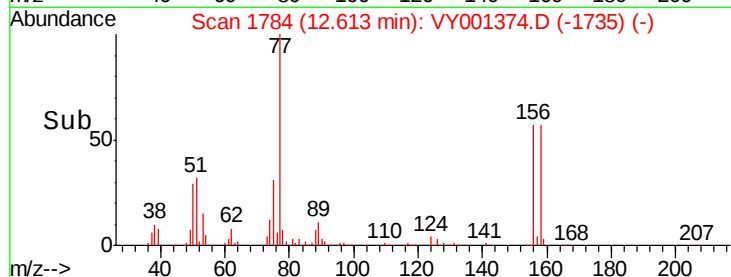
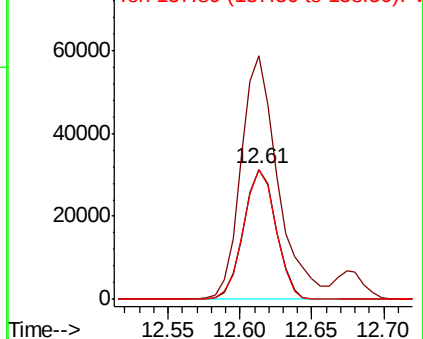
158 99.0 48.6 145.8



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: 21.117 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VY001374.D

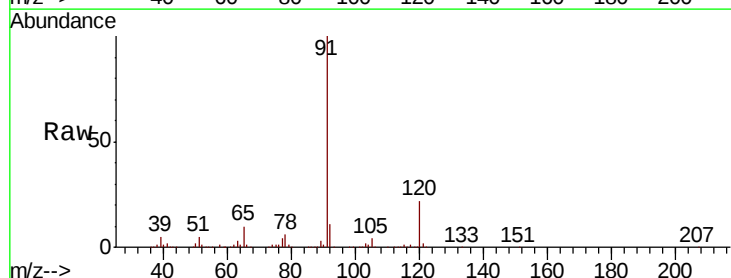
Acq: 24 Jan 2020 12:15

Tgt Ion: 91 Resp: 275538

Ion Ratio Lower Upper

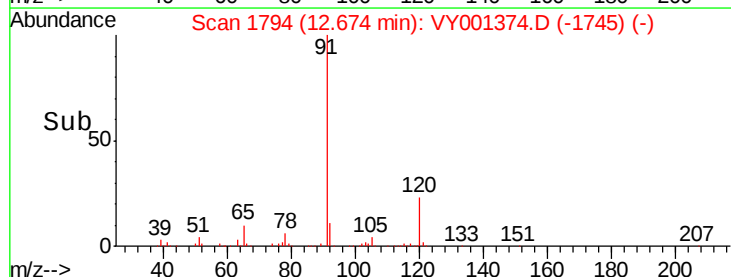
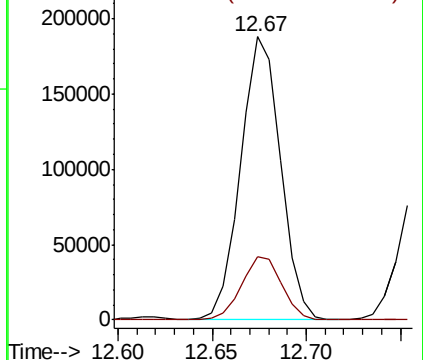
91 100

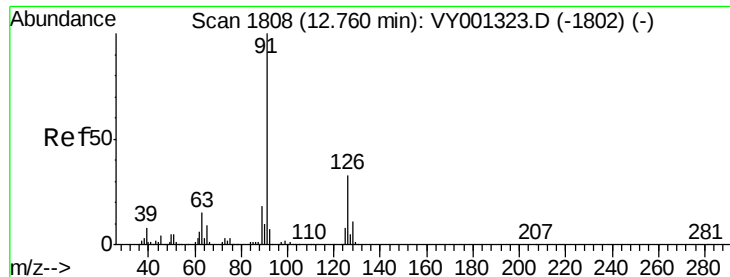
120 22.6 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.791 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.00 min

Lab File: VY001374.D

Acq: 24 Jan 2020 12:15

Instrument :

MSVOA_Y

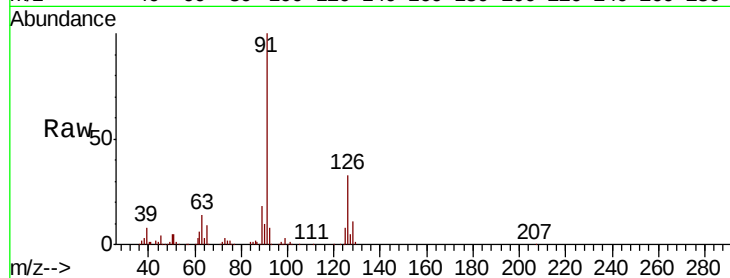
ClientSampleId :

Tot Ion: 91 Resp: 154976

Ion Ratio Lower Upper

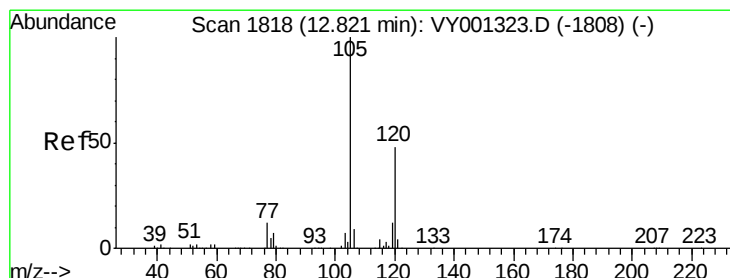
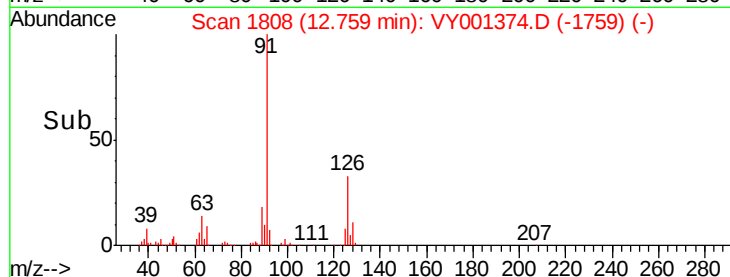
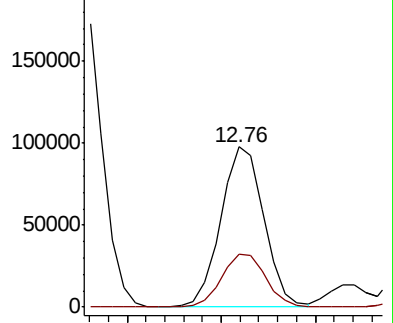
91 100

126 33.6 16.6 49.7



Abundance Ion 91.00 (90.70 to 91.70): VY001374.D (-1759) (-)

Ion 125.90 (125.60 to 126.60): VY001374.D (-1759) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.781 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VY001374.D

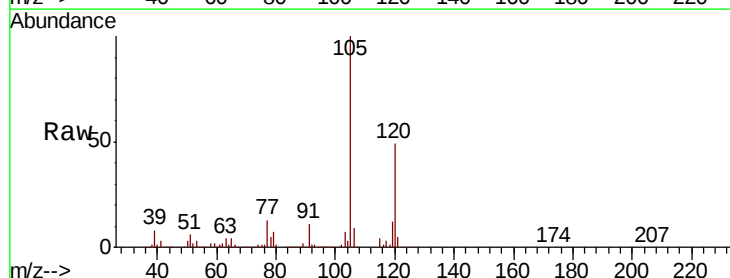
Acq: 24 Jan 2020 12:15

Tgt Ion:105 Resp: 188041

Ion Ratio Lower Upper

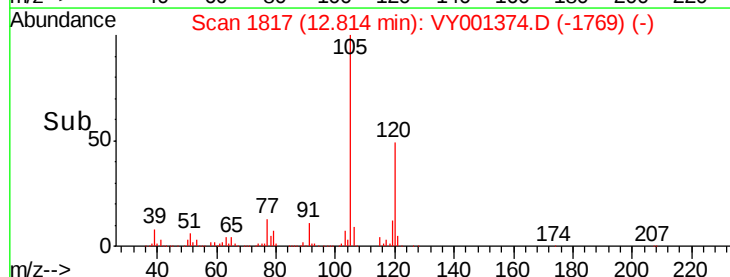
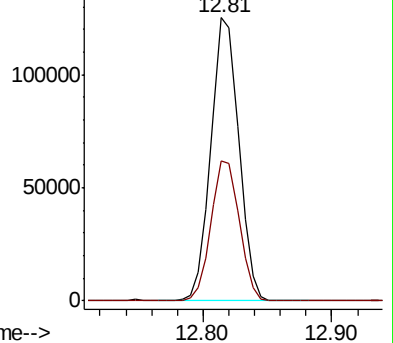
105 100

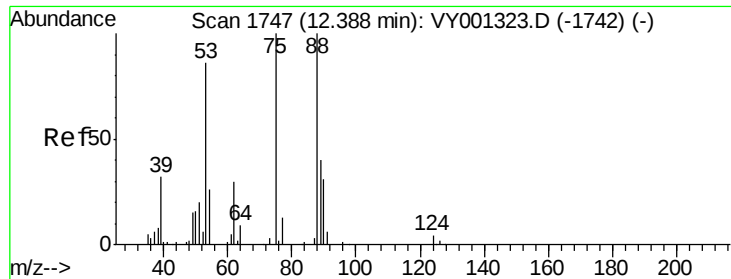
120 50.2 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VY001374.D (-1769) (-)

Ion 120.00 (119.70 to 120.70): VY001374.D (-1769) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 20.566 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VY001374.D

Acq: 24 Jan 2020 12:15

Instrument :

MSVOA_Y

ClientSampleId :

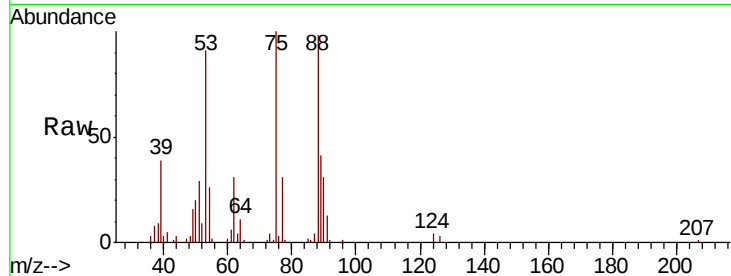
Tot Ion: 75 Resp: 17991

Ion Ratio Lower Upper

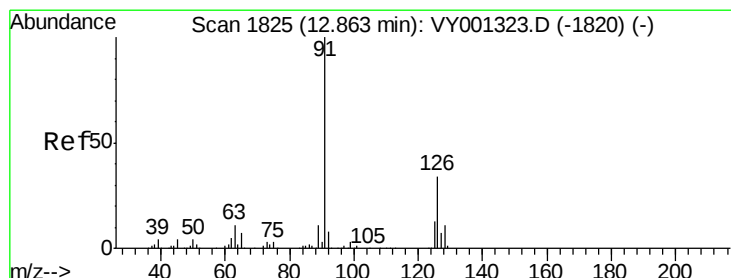
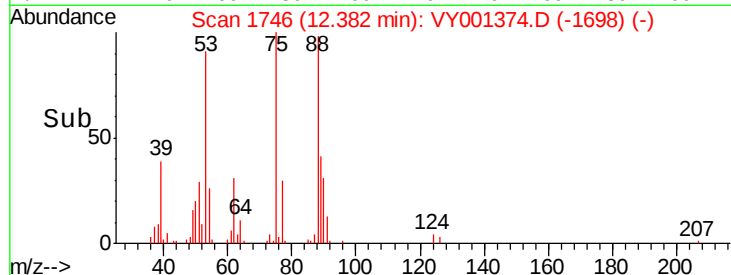
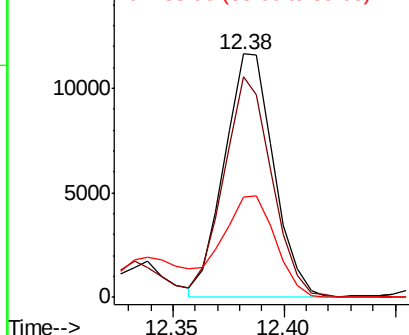
75 100

53 87.8 69.9 104.9

89 46.2 36.6 54.8



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: 20.360 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VY001374.D

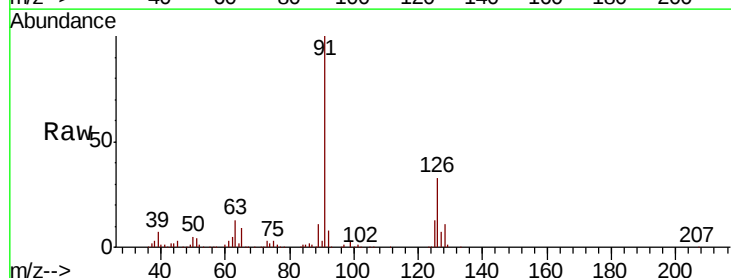
Acq: 24 Jan 2020 12:15

Tgt Ion: 91 Resp: 162115

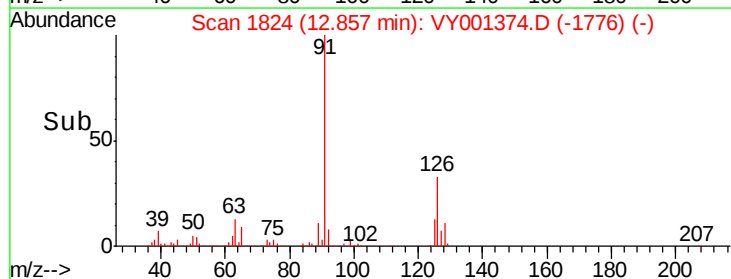
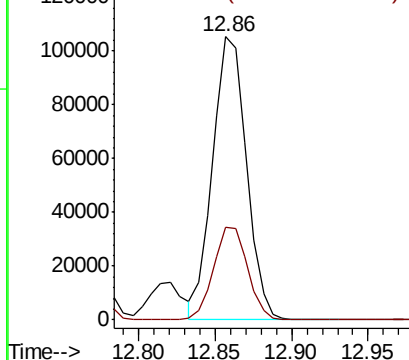
Ion Ratio Lower Upper

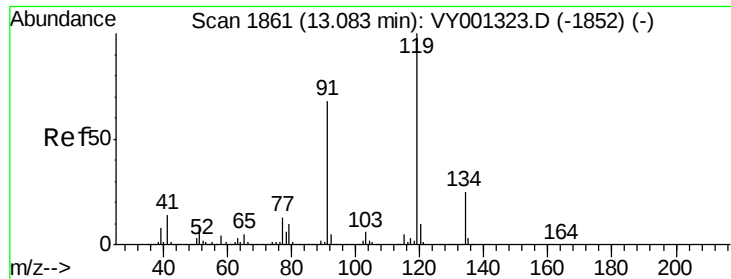
91 100

126 33.2 16.4 49.4



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 125.90 (125.60 to 126.60): V

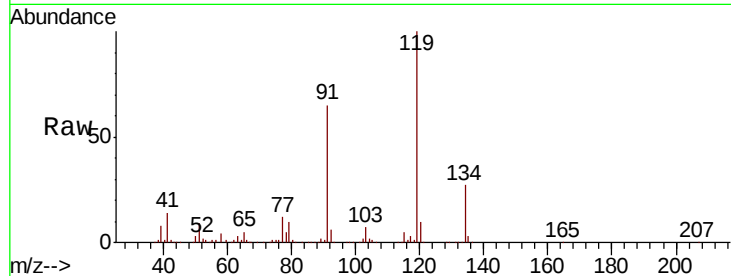




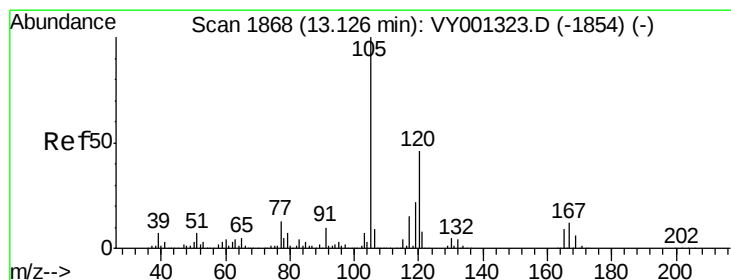
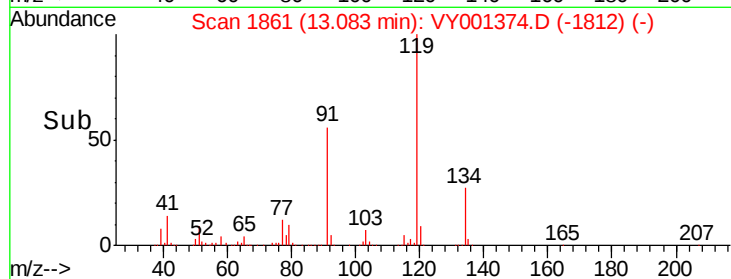
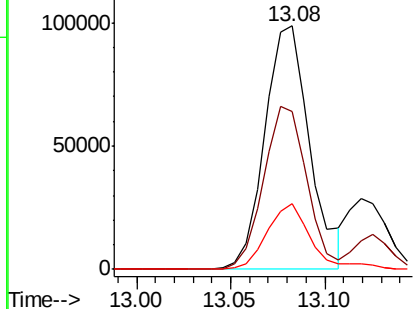
#83
tert-Butylbenzene
Concen: 21.404 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:119 Resp: 163257
Ion Ratio Lower Upper
119 100
91 64.5 33.0 99.0
134 26.8 13.3 39.9

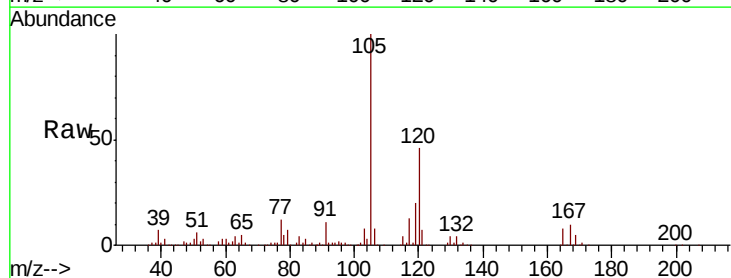


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VY0
Ion 134.00 (133.70 to 134.70): V

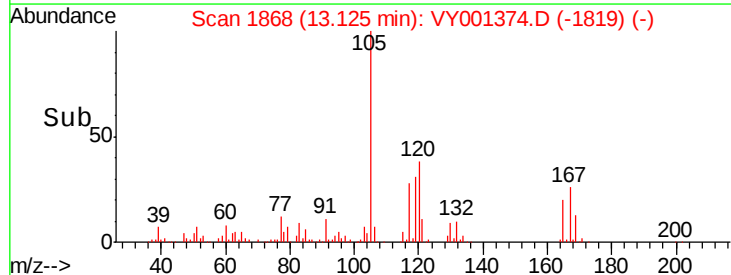
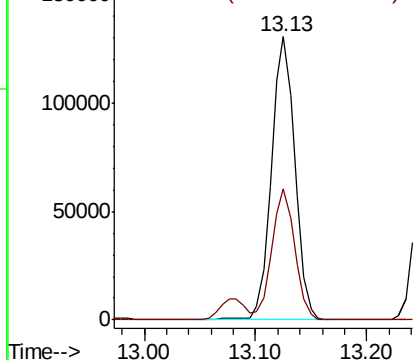


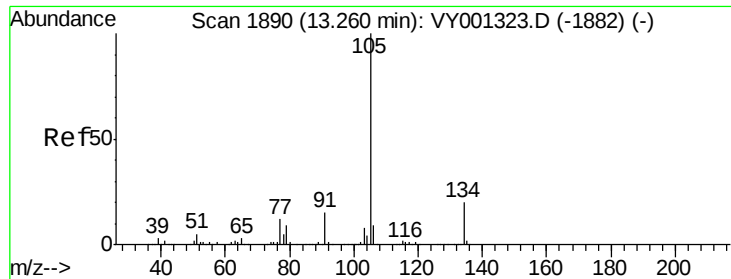
#84
1,2,4-Trimethylbenzene
Concen: 21.088 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

Tgt Ion:105 Resp: 191584
Ion Ratio Lower Upper
105 100
120 45.3 22.4 67.3



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





#85

sec-Butylbenzene

Concen: 21.631 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VY001374.D

Acq: 24 Jan 2020 12:15

Instrument :

MSVOA_Y

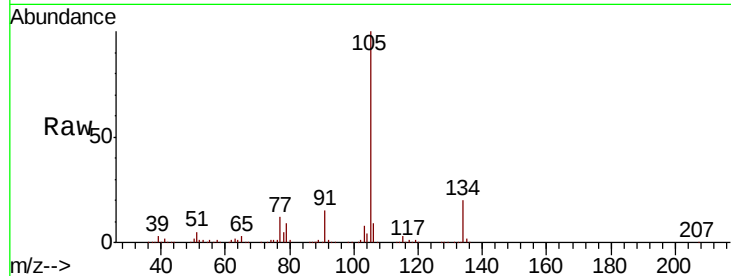
ClientSampleId :

Tot Ion:105 Resp: 234413

Ion Ratio Lower Upper

105 100

134 20.0 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.26

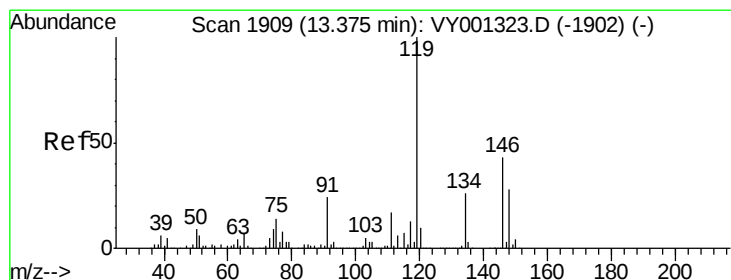
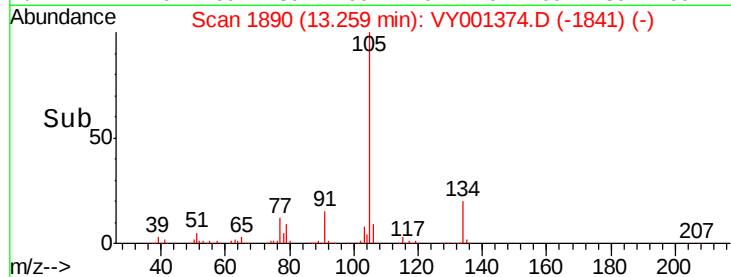
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 21.838 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY001374.D

Acq: 24 Jan 2020 12:15

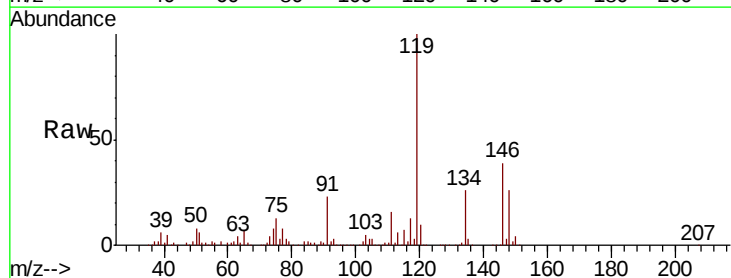
Tgt Ion:119 Resp: 208552

Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.4

91 23.7 12.2 36.6



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

200000

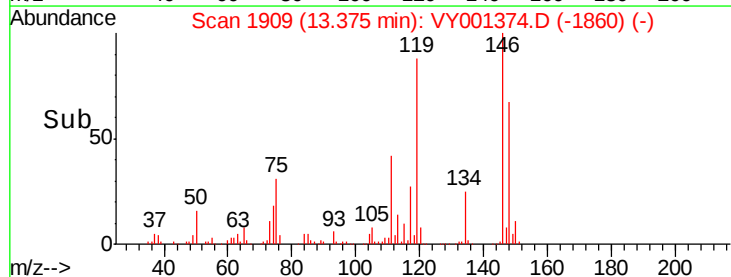
150000

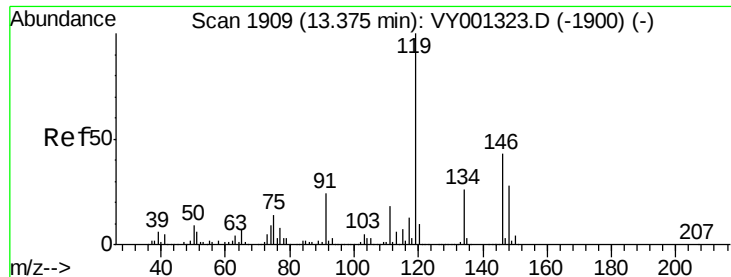
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 20.824 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.01 min

Lab File: VY001374.D

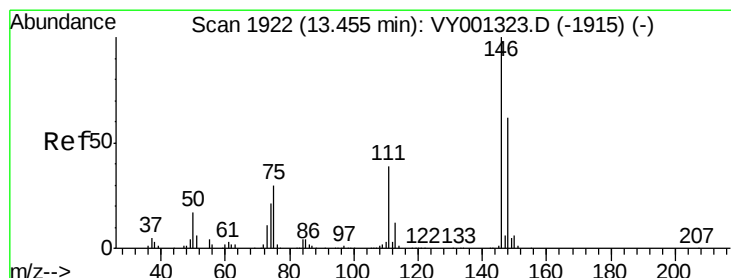
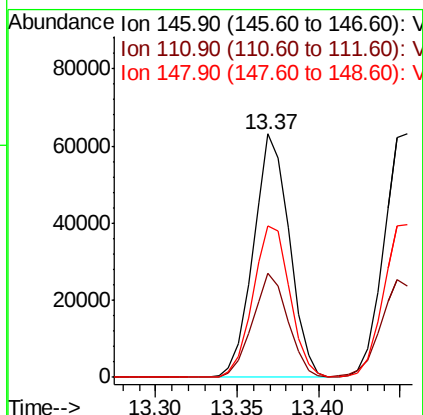
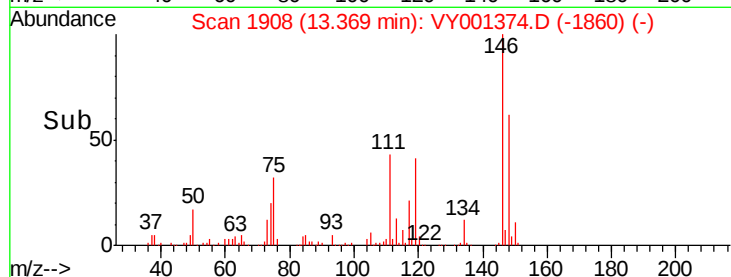
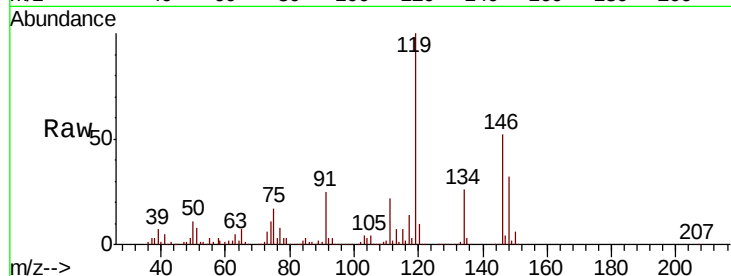
Acq: 24 Jan 2020 12:15

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion:146	Resp:	96293
Ion Ratio	Lower	Upper
146	100	
111	41.9	20.6 61.8
148	64.0	31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 20.859 ug/l

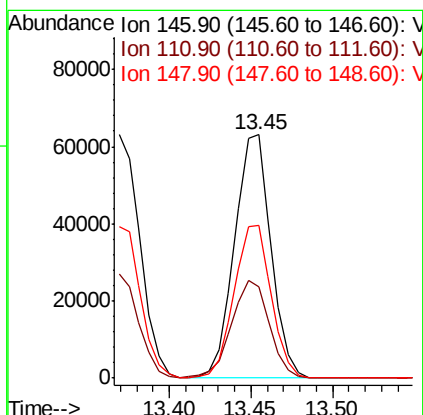
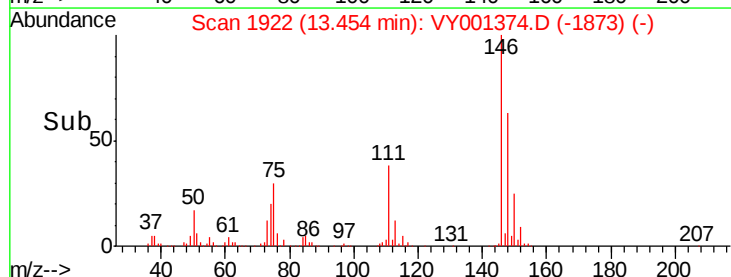
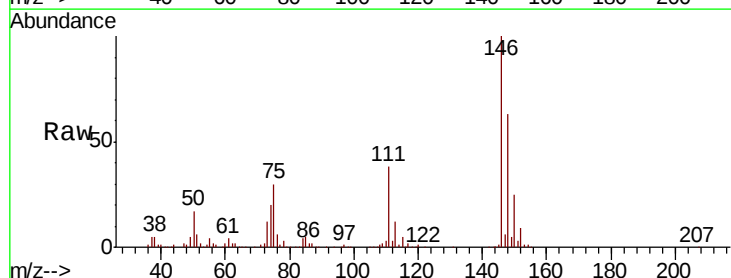
RT: 13.45 min Scan# 1922

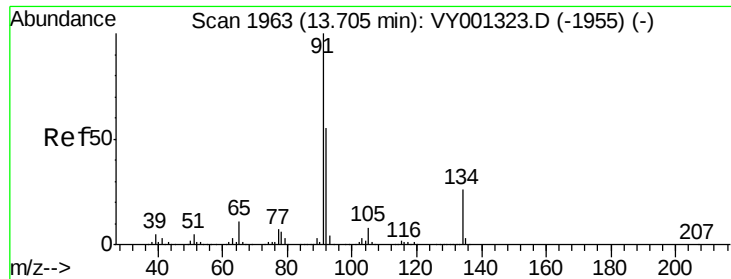
Delta R.T. -0.00 min

Lab File: VY001374.D

Acq: 24 Jan 2020 12:15

Tgt Ion:146	Resp:	97938
Ion Ratio	Lower	Upper
146	100	
111	41.9	20.5 61.5
148	64.1	31.6 95.0

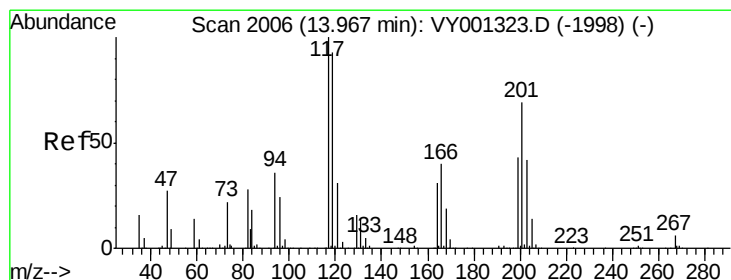
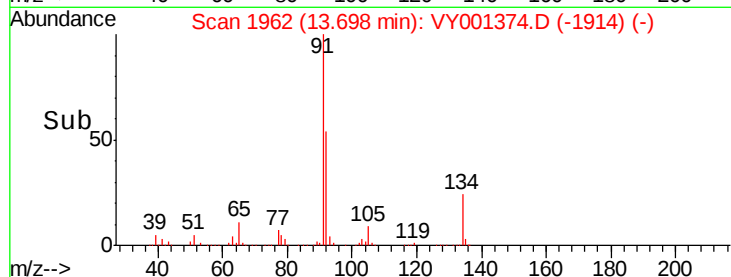
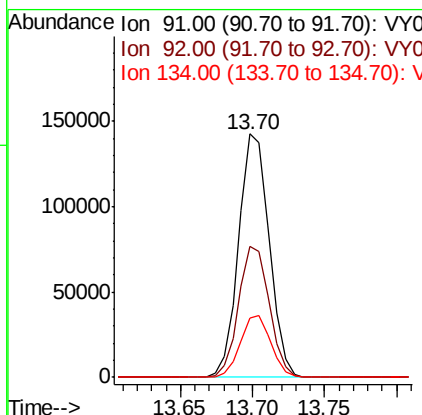
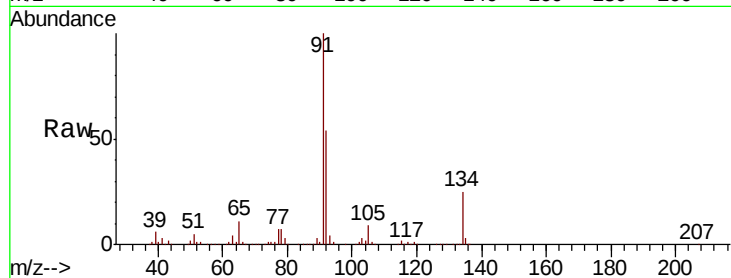




#89
n-Butylbenzene
Concen: 21.878 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

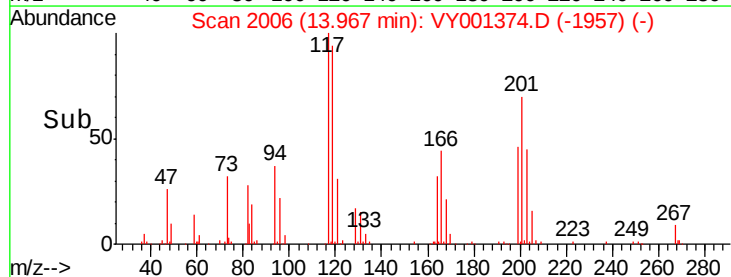
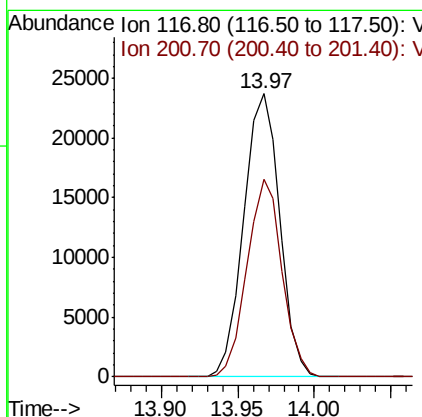
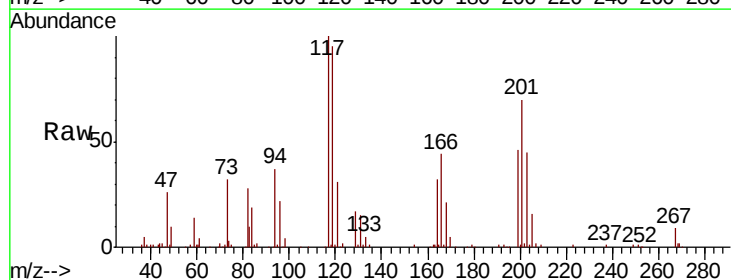
Instrument :
MSVOA_Y
ClientSampleId :

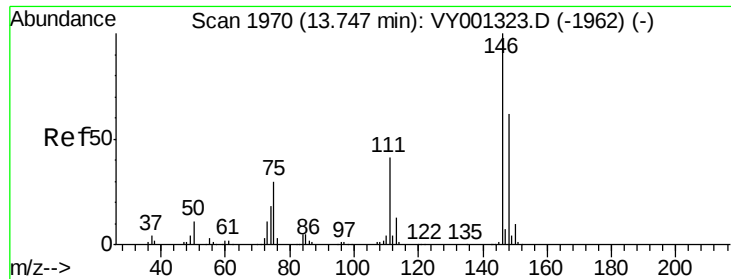
Tot Ion: 91 Resp: 210281
Ion Ratio Lower Upper
91 100
92 54.0 27.6 82.8
134 25.3 12.9 38.6



#90
Hexachloroethane
Concen: 21.456 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

Tgt Ion: 117 Resp: 38841
Ion Ratio Lower Upper
117 100
201 67.8 34.6 103.8





#91

1,2-Dichlorobenzene

Concen: 20.717 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.01 min

Lab File: VY001374.D

Acq: 24 Jan 2020 12:15

Instrument :

MSVOA_Y

ClientSampleId :

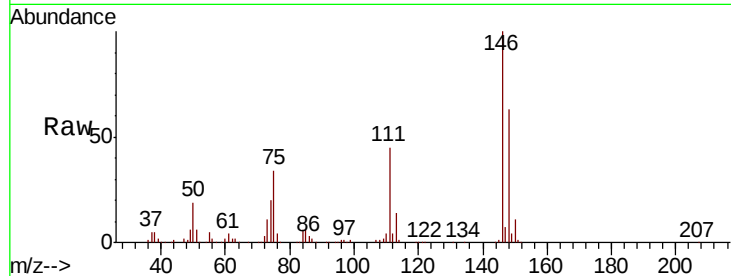
Tot Ion:146 Resp: 88349

Ion Ratio Lower Upper

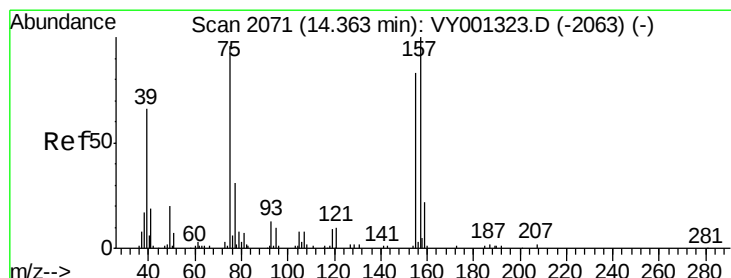
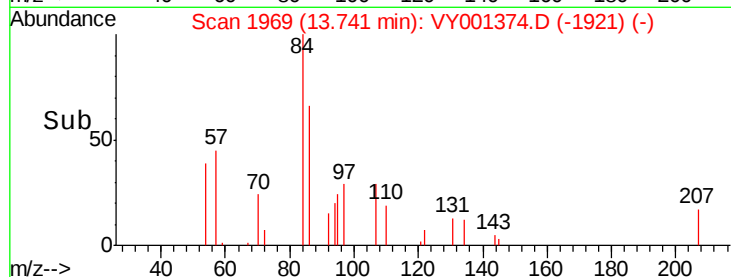
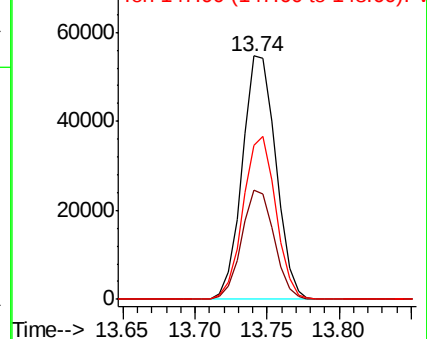
146 100

111 43.6 21.1 63.4

148 65.0 31.5 94.5



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.045 ug/l

RT: 14.36 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VY001374.D

Acq: 24 Jan 2020 12:15

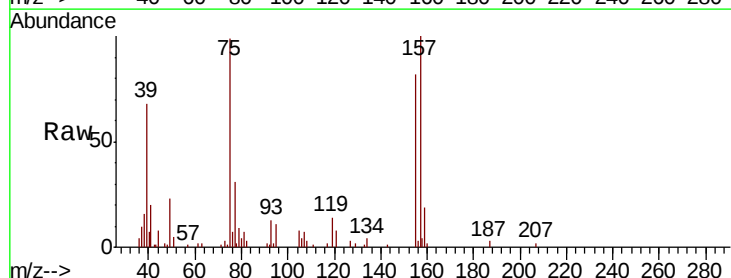
Tgt Ion: 75 Resp: 8431

Ion Ratio Lower Upper

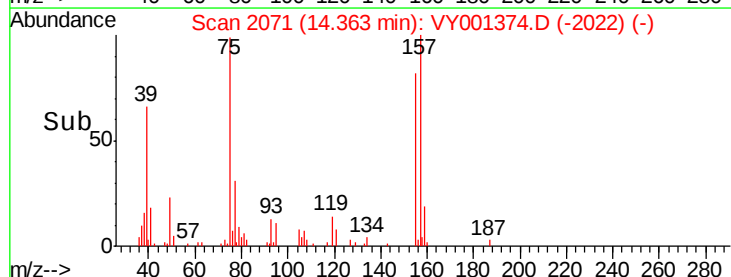
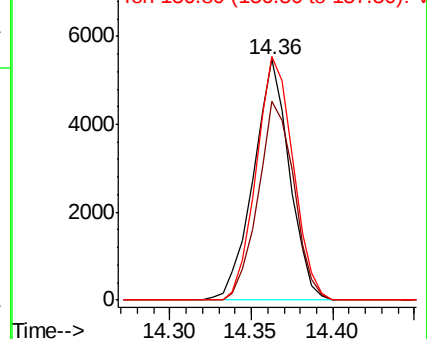
75 100

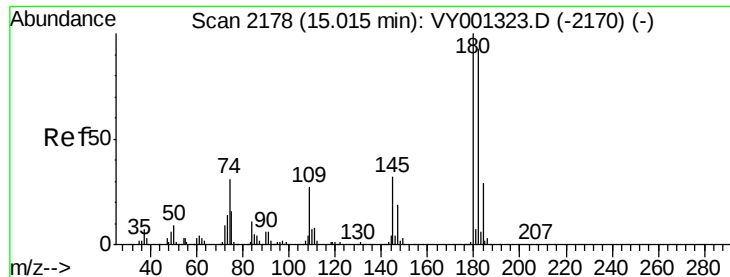
155 82.3 43.0 129.2

157 103.1 53.3 160.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

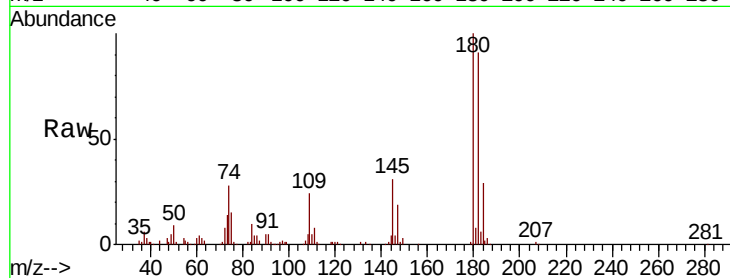




#93
 1,2,4-Trichlorobenzene
 Concen: 21.402 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: VY001374.D
 Acq: 24 Jan 2020 12:15

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.0	47.6	142.8
145	31.4	16.3	48.9

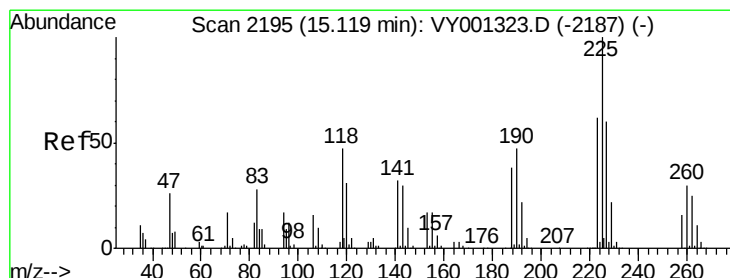
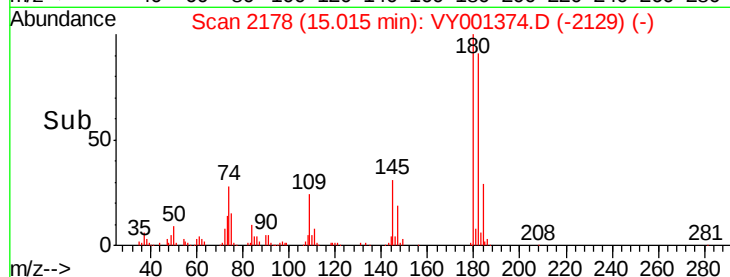
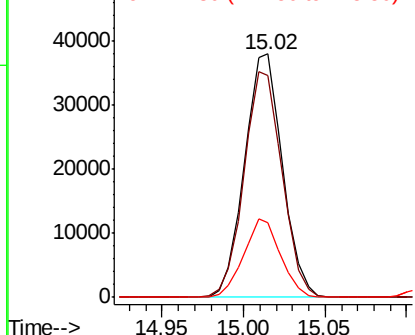


Abundance

Ion 179.80 (179.50 to 180.50): V

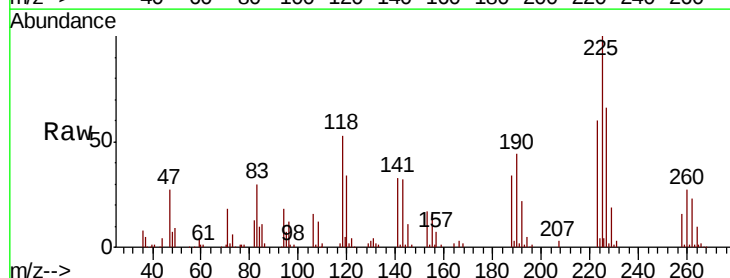
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 22.215 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: VY001374.D
 Acq: 24 Jan 2020 12:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	31.2	93.6
227	64.0	31.0	93.0

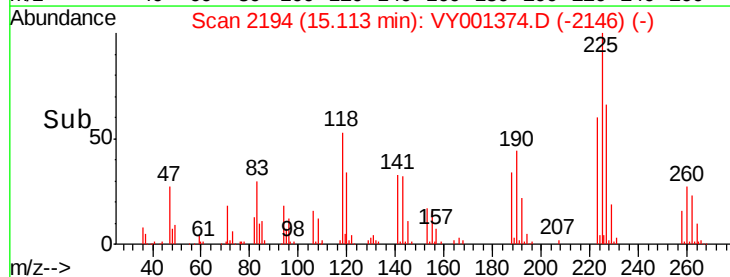
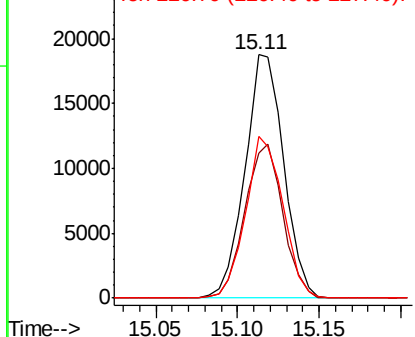


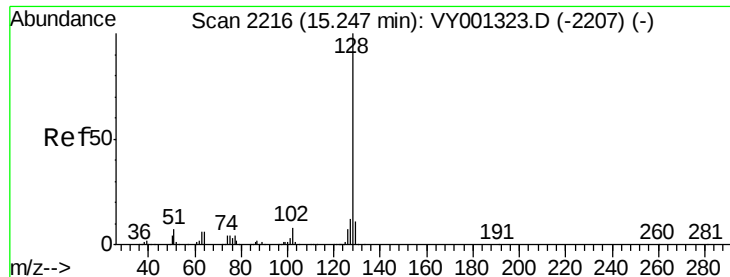
Abundance

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

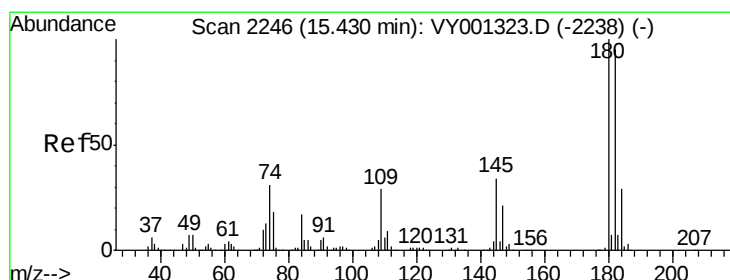
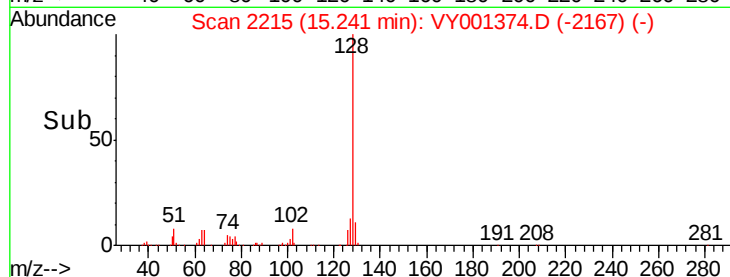
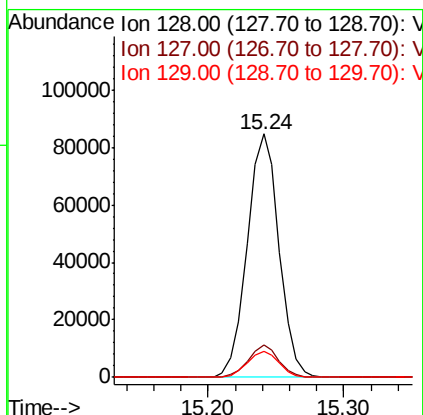
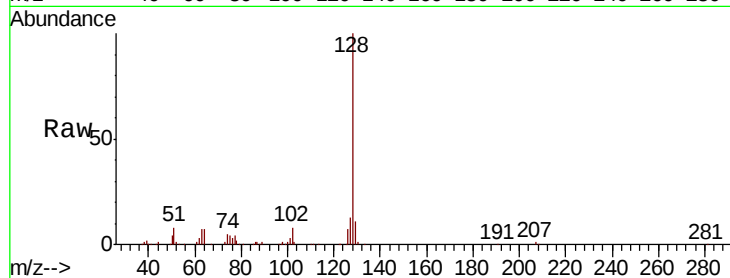




#95
Naphthalene
Concen: 21.138 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 138348
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.602 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.00 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

Tgt Ion:180 Resp: 54238
Ion Ratio Lower Upper
180 100
182 93.1 47.3 141.8
145 33.0 16.8 50.3

