

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012420\
 Data File : VY001385.D
 Acq On : 24 Jan 2020 16:17
 Operator : SY/MD
 Sample : VY0124SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 25 03:51:02 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	7.81	168	197644	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.71	114	344882	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	306105	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	145886	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	108506	50.45	ug/l	0.00
Spiked Amount			Recovery	=	100.90%	
35) Dibromofluoromethane	7.74	113	101559	50.17	ug/l	0.00
Spiked Amount			Recovery	=	100.34%	
50) Toluene-d8	10.19	98	411953	52.38	ug/l	0.00
Spiked Amount			Recovery	=	104.76%	
62) 4-Bromofluorobenzene	12.49	95	150056	47.91	ug/l	0.00
Spiked Amount			Recovery	=	95.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	31883	20.456	ug/l	100
3) Chloromethane	2.12	50	45132	19.159	ug/l	98
4) Vinyl Chloride	2.26	62	47247	19.235	ug/l	99
5) Bromomethane	2.65	94	32124	19.419	ug/l	98
6) Chloroethane	2.80	64	29468	18.775	ug/l	99
7) Trichlorofluoromethane	3.14	101	61640	19.614	ug/l	98
8) Diethyl Ether	3.55	74	23973	18.070	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.92	101	38562	19.267	ug/l	98
10) Methyl Iodide	4.11	142	44080	16.699	ug/l	99
11) Tert butyl alcohol	4.99	59	21493	65.156	ug/l	97
12) 1,1-Dichloroethene	3.90	96	39671	18.905	ug/l	100
13) Acrolein	3.75	56	16402	94.809	ug/l	94
14) Allyl chloride	4.50	41	69242	18.503	ug/l	98
15) Acrylonitrile	5.19	53	62098	91.442	ug/l	100
16) Acetone	3.97	43	45518	75.039	ug/l	99
17) Carbon Disulfide	4.22	76	123189	18.666	ug/l	99
18) Methyl Acetate	4.51	43	32839	18.107	ug/l	100
19) Methyl tert-butyl Ether	5.25	73	111115	18.084	ug/l	97
20) Methylene Chloride	4.74	84	47179	14.779	ug/l	99
21) trans-1,2-Dichloroethene	5.25	96	45105	18.504	ug/l	97
22) Diisopropyl ether	6.15	45	140843	17.724	ug/l	96
23) Vinyl Acetate	6.09	43	465672	90.264	ug/l	98
24) 1,1-Dichloroethane	6.05	63	75471	18.018	ug/l	95
25) 2-Butanone	7.02	43	82310	87.931	ug/l	98
26) 2,2-Dichloropropane	7.01	77	69360	18.590	ug/l	100
27) cis-1,2-Dichloroethene	7.02	96	48869	17.939	ug/l	95
28) Bromochloromethane	7.36	49	30425	17.613	ug/l	99
29) Tetrahydrofuran	7.38	42	55724	91.501	ug/l	99
30) Chloroform	7.53	83	74553	18.159	ug/l	97
31) Cyclohexane	7.80	56	80180	19.280	ug/l	97
32) 1,1,1-Trichloroethane	7.72	97	64234	18.530	ug/l	99
36) 1,1-Dichloropropene	7.94	75	61514	18.879	ug/l	99
37) Ethyl Acetate	7.10	43	37003	18.588	ug/l	99
38) Carbon Tetrachloride	7.93	117	55099	18.975	ug/l	100

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.20	83	81950	19.633	ug/l	97
40) Benzene	8.18	78	180741	18.500	ug/l	100
41) Methacrylonitrile	7.36	41	50806	49.457	ug/l #	100
42) 1,2-Dichloroethane	8.26	62	50284	18.420	ug/l	99
43) Isopropyl Acetate	8.29	43	72378	18.698	ug/l	99
44) Trichloroethene	8.96	130	46842	18.684	ug/l	99
45) 1,2-Dichloropropane	9.23	63	44827	18.151	ug/l	97
46) Dibromomethane	9.32	93	23930	18.048	ug/l	99
47) Bromodichloromethane	9.51	83	58479	18.450	ug/l	100
48) Methyl methacrylate	9.30	41	33036	18.773	ug/l	96
49) 1,4-Dioxane	9.31	88	7019	375.398	ug/l	92
51) 4-Methyl-2-Pentanone	10.08	43	187416	94.015	ug/l	99
52) Toluene	10.25	92	114978	18.566	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	63736	18.142	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	73158	18.143	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	34448	17.603	ug/l	96
56) Ethyl methacrylate	10.52	69	54614	18.464	ug/l	99
57) 1,3-Dichloropropane	10.80	76	62888	18.448	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	103986	101.598	ug/l	99
59) 2-Hexanone	10.84	43	131083	94.454	ug/l	100
60) Dibromochloromethane	10.99	129	40425	18.469	ug/l	97
61) 1,2-Dibromoethane	11.10	107	34102	18.433	ug/l	99
64) Tetrachloroethene	10.72	164	36044	18.434	ug/l	97
65) Chlorobenzene	11.52	112	117874	18.269	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	40616	18.446	ug/l	99
67) Ethyl Benzene	11.60	91	222400	18.704	ug/l	98
68) m/p-Xylenes	11.70	106	164543	37.050	ug/l	100
69) o-Xylene	12.03	106	78340	18.337	ug/l	100
70) Styrene	12.05	104	137270	18.313	ug/l	99
71) Bromoform	12.21	173	23122	17.591	ug/l #	98
73) Isopropylbenzene	12.33	105	211237	18.350	ug/l	99
74) N-amyl acetate	12.14	43	68075	18.066	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	44382	18.002	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	59490	33.841	ug/l #	100
77) Bromobenzene	12.61	156	45893	17.999	ug/l	99
78) n-propylbenzene	12.67	91	258578	18.662	ug/l	99
79) 2-Chlorotoluene	12.76	91	142612	18.017	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	176331	18.351	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	16120	17.353	ug/l	96
82) 4-Chlorotoluene	12.86	91	149824	17.720	ug/l	99
83) tert-Butylbenzene	13.08	119	147343	18.191	ug/l	97
84) 1,2,4-Trimethylbenzene	13.13	105	178196	18.471	ug/l	99
85) sec-Butylbenzene	13.25	105	216234	18.790	ug/l	100
86) p-Isopropyltoluene	13.38	119	191515	18.885	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	90308	18.391	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	91095	18.271	ug/l	99
89) n-Butylbenzene	13.70	91	193884	18.996	ug/l	99
90) Hexachloroethane	13.96	117	35557	18.497	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	82969	18.321	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	7733	18.177	ug/l	97

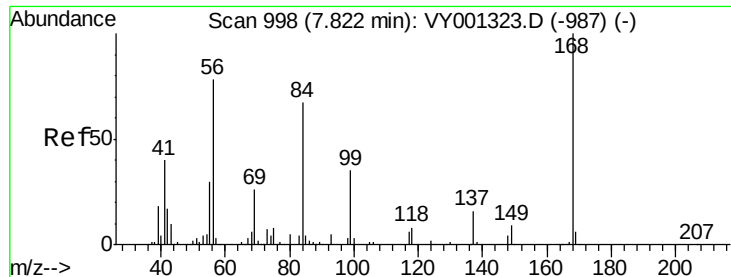
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012420\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	55172	18.152	ug/l	99
94) Hexachlorobutadiene	15.11	225	27274	18.429	ug/l	99
95) Naphthalene	15.24	128	240462	34.599	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	48065	18.027	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001385.D

Acq: 24 Jan 2020 16:17

Instrument :

MSVOA_Y

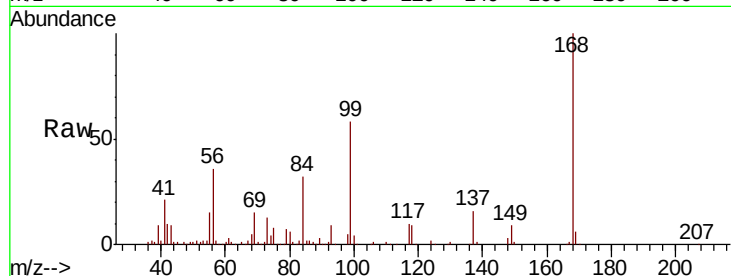
ClientSampleId :

Tot Ion:168 Resp: 197644

Ion Ratio Lower Upper

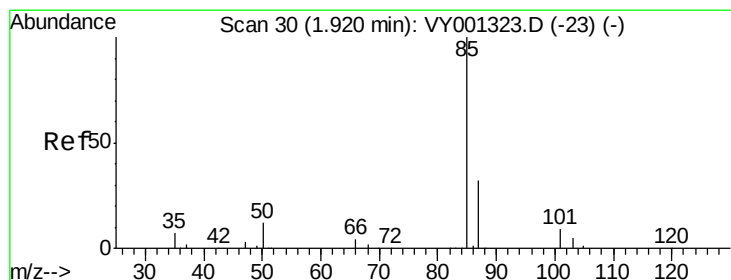
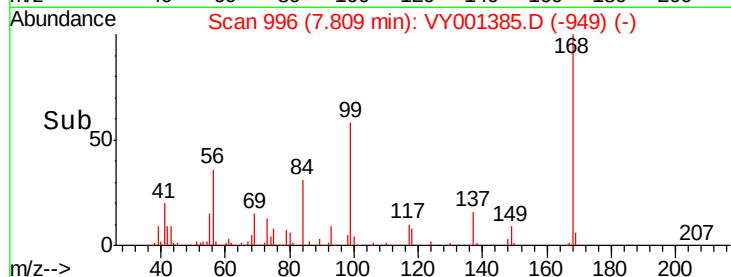
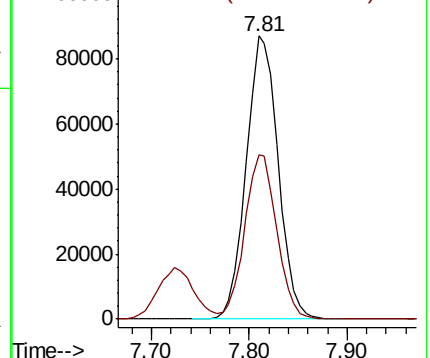
168 100

99 58.1 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: 20.456 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.01 min

Lab File: VY001385.D

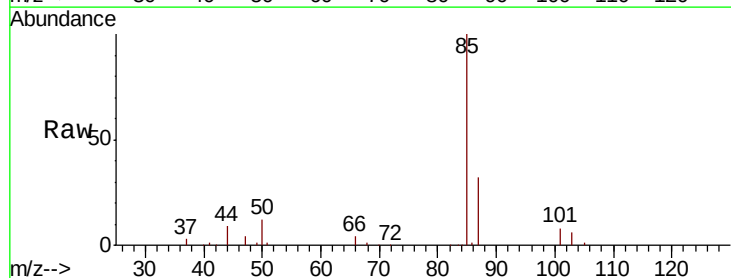
Acq: 24 Jan 2020 16:17

Tgt Ion: 85 Resp: 31883

Ion Ratio Lower Upper

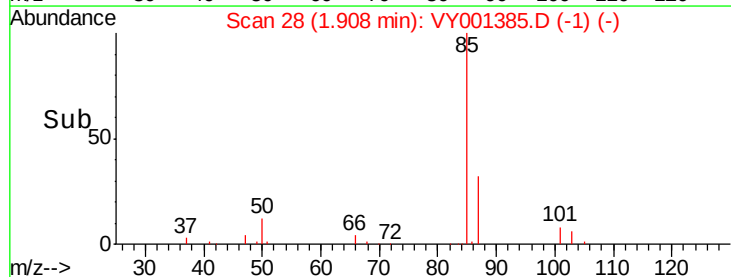
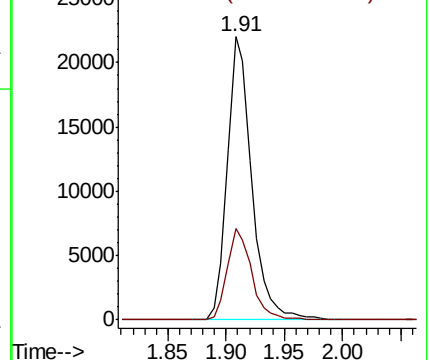
85 100

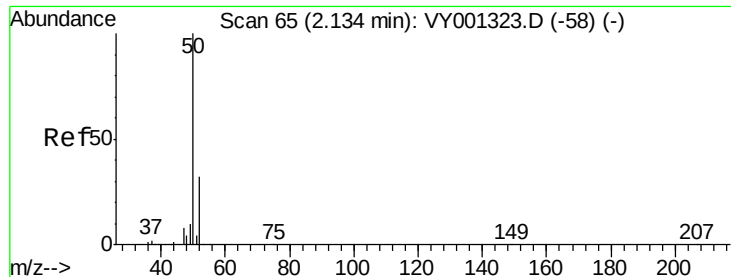
87 32.2 16.0 48.0



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: 19.159 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.01 min

Lab File: VY001385.D

Acq: 24 Jan 2020 16:17

Instrument :

MSVOA_Y

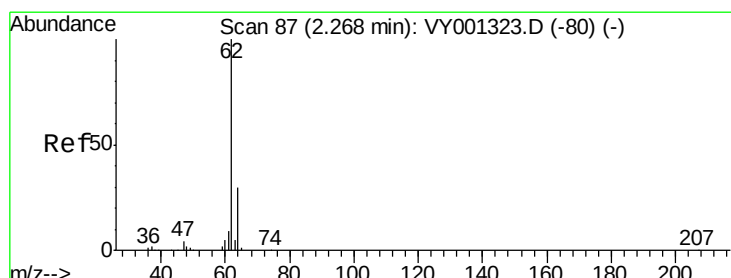
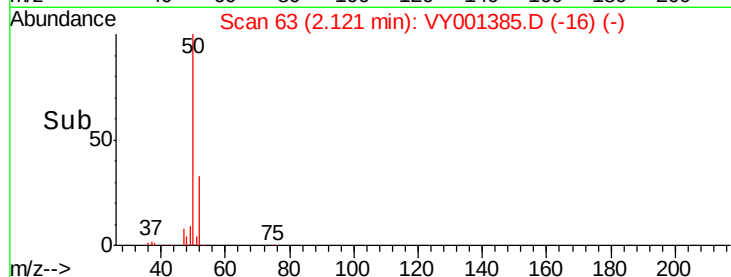
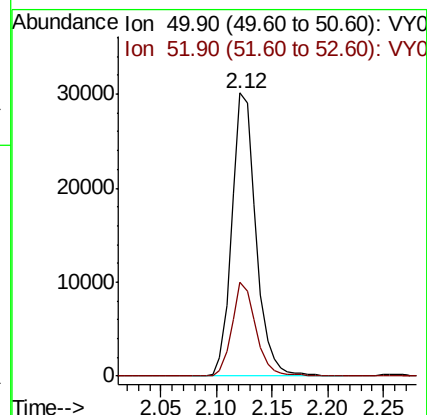
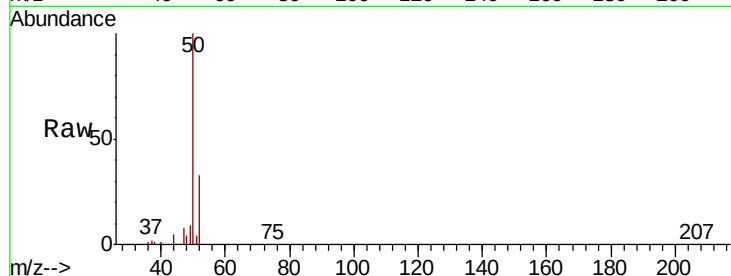
ClientSampleId :

Tot Ion: 50 Resp: 45132

Ion Ratio Lower Upper

50 100

52 33.2 25.7 38.5



#4

Vinyl Chloride

Concen: 19.235 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.01 min

Lab File: VY001385.D

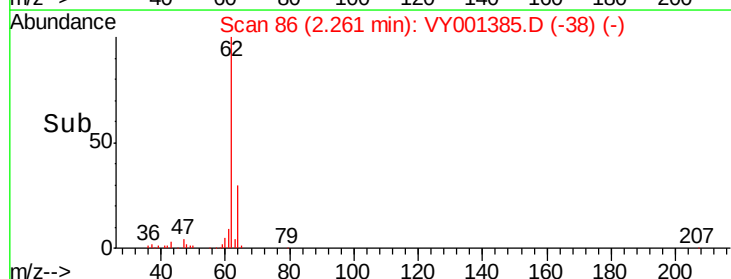
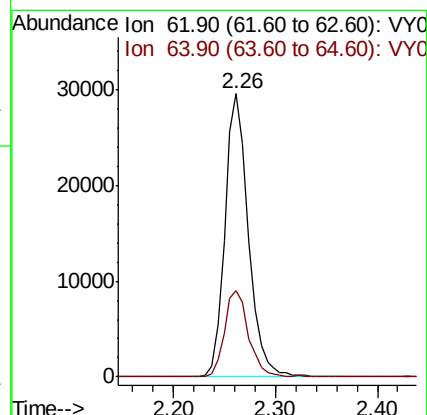
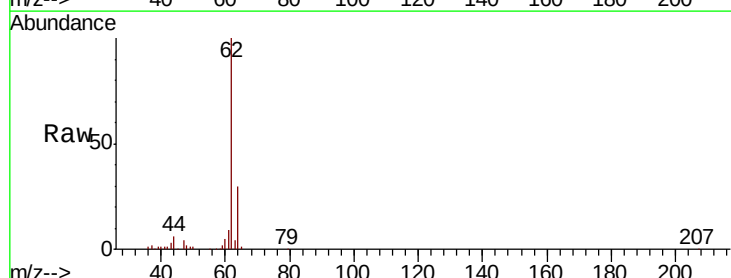
Acq: 24 Jan 2020 16:17

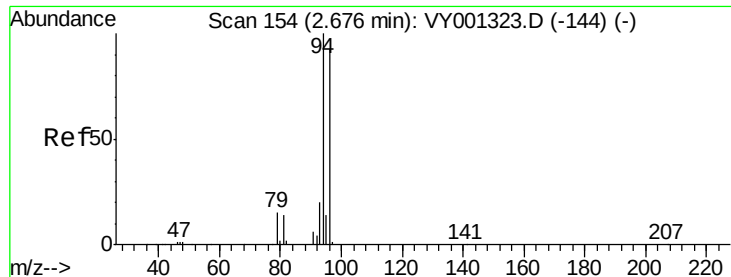
Tgt Ion: 62 Resp: 47247

Ion Ratio Lower Upper

62 100

64 30.4 23.9 35.9





#5

Bromomethane

Concen: 19.419 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.02 min

Lab File: VY001385.D

Acq: 24 Jan 2020 16:17

Instrument :

MSVOA_Y

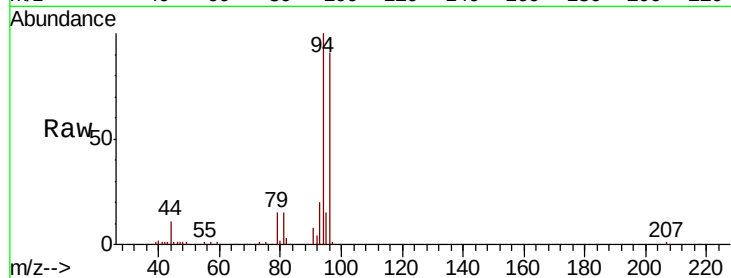
ClientSampleId :

Tot Ion: 94 Resp: 32124

Ion Ratio Lower Upper

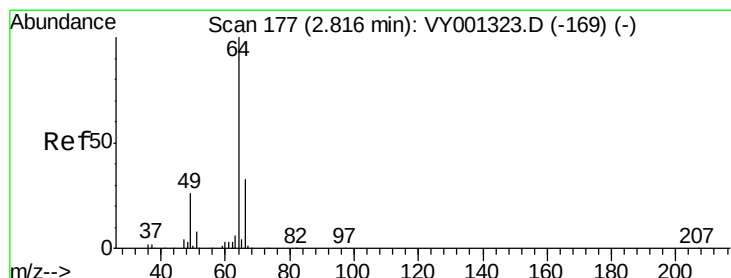
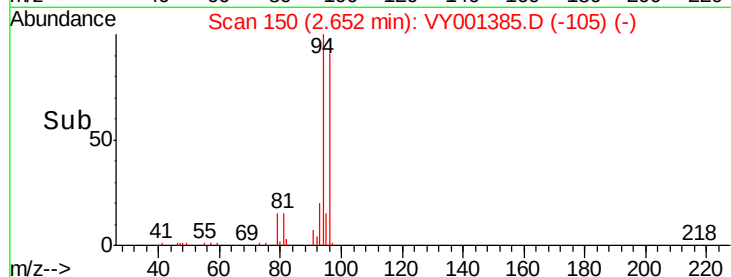
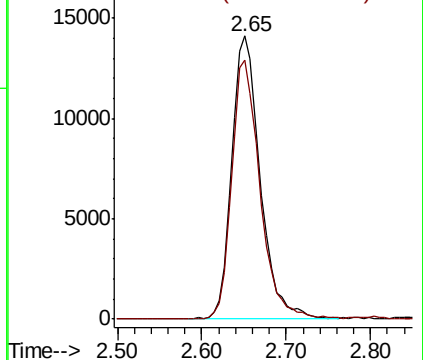
94 100

96 91.4 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: 18.775 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.01 min

Lab File: VY001385.D

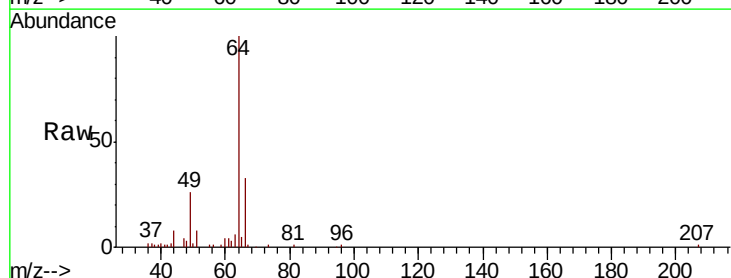
Acq: 24 Jan 2020 16:17

Tgt Ion: 64 Resp: 29468

Ion Ratio Lower Upper

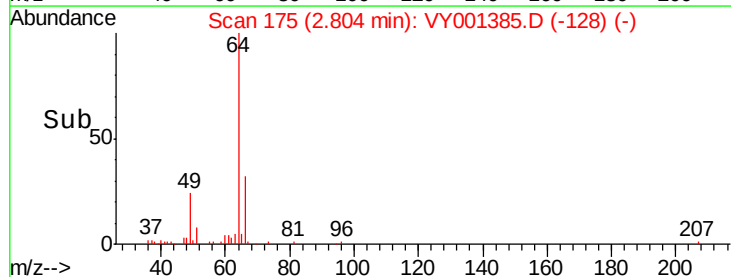
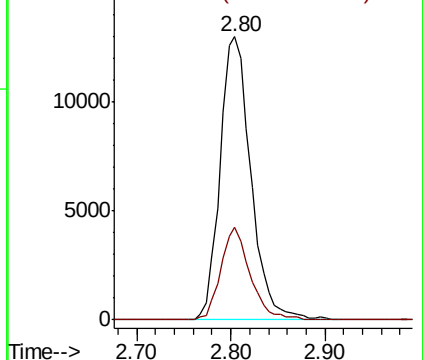
64 100

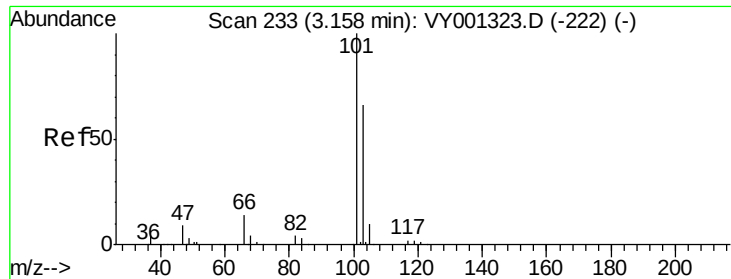
66 32.8 26.8 40.2



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



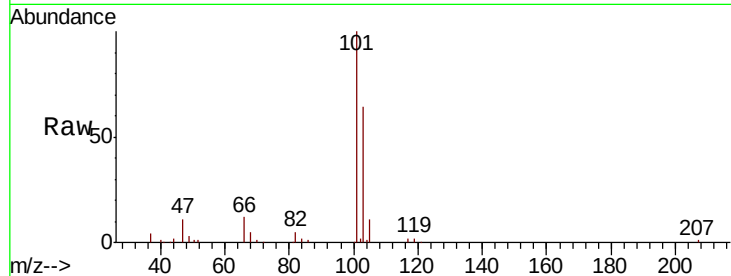


#7

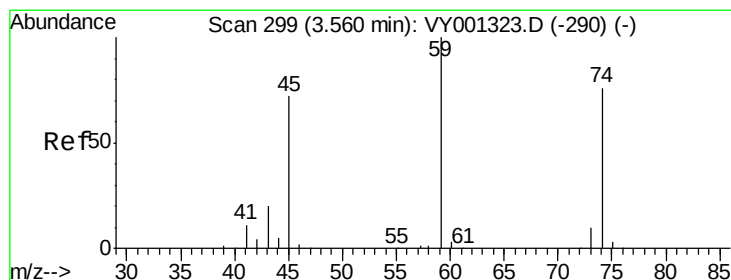
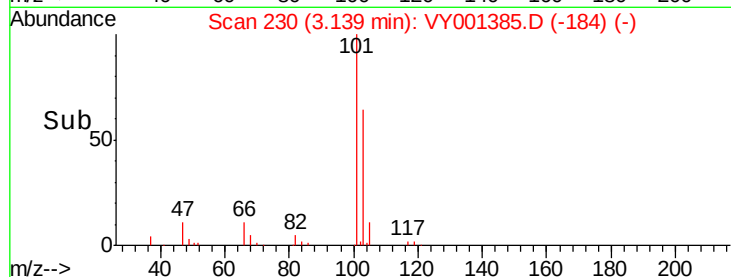
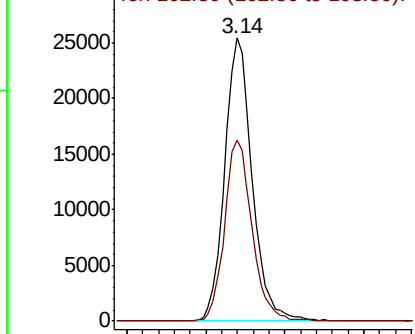
Trichlorofluoromethane
Concen: 19.614 ug/l
RT: 3.14 min Scan# 230
Delta R.T. -0.02 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:101 Resp: 61640
Ion Ratio Lower Upper
101 100
103 63.8 52.5 78.7



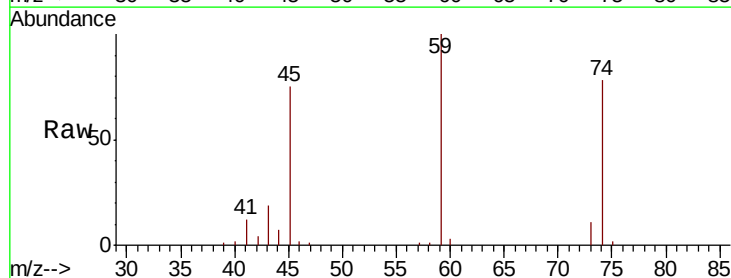
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



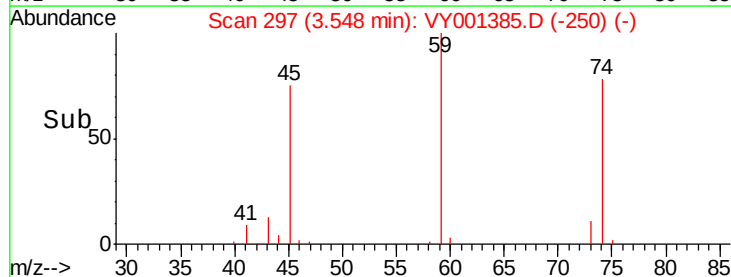
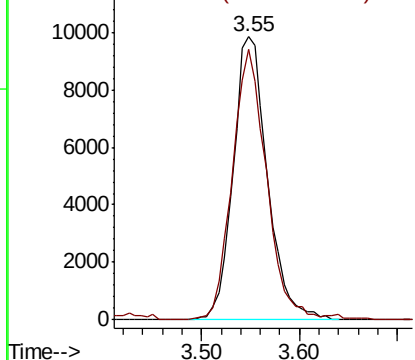
#8

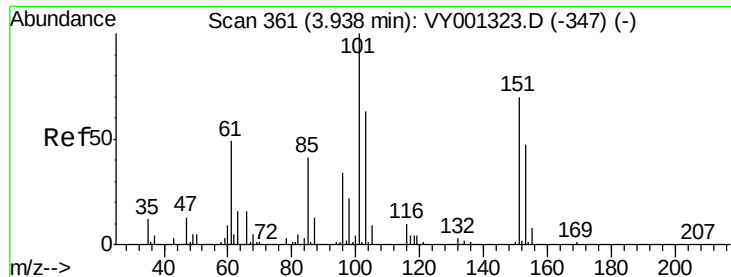
Diethyl Ether
Concen: 18.070 ug/l
RT: 3.55 min Scan# 297
Delta R.T. -0.01 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Tgt Ion: 74 Resp: 23973
Ion Ratio Lower Upper
74 100
45 95.0 47.2 141.6



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.267 ug/l

RT: 3.92 min Scan# 358

Delta R.T. -0.02 min

Lab File: VY001385.D

Acq: 24 Jan 2020 16:17

Instrument :

MSVOA_Y

ClientSampleId :

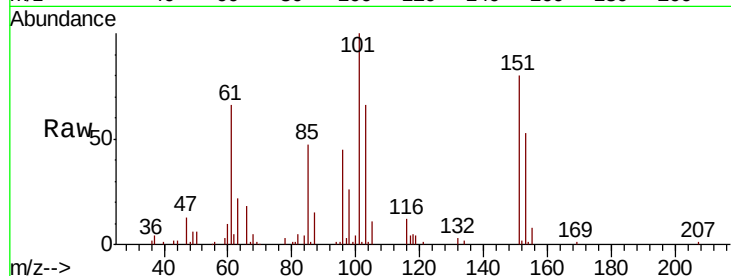
Tot Ion:101 Resp: 38562

Ion Ratio Lower Upper

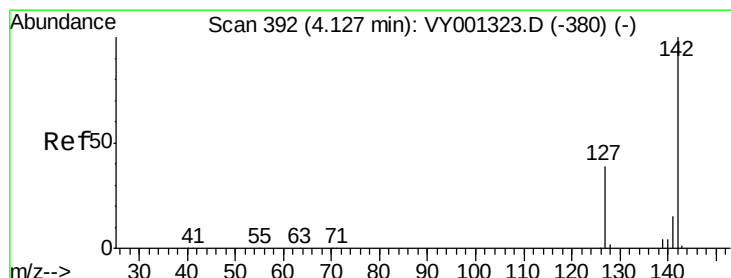
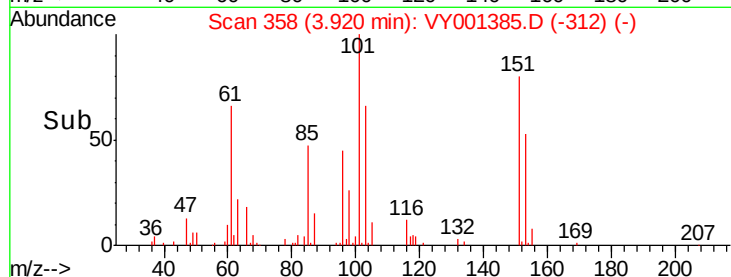
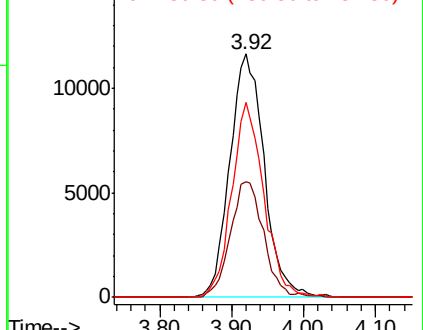
101 100

85 46.1 34.9 52.3

151 74.3 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: 16.699 ug/l

RT: 4.11 min Scan# 390

Delta R.T. -0.01 min

Lab File: VY001385.D

Acq: 24 Jan 2020 16:17

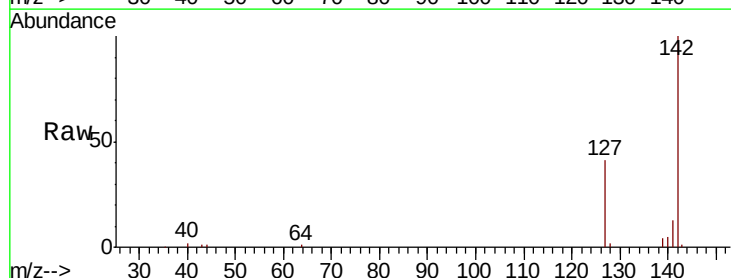
Tgt Ion:142 Resp: 44080

Ion Ratio Lower Upper

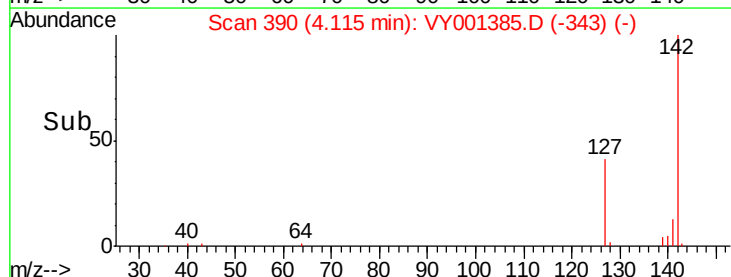
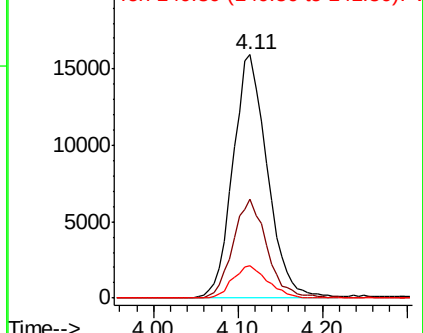
142 100

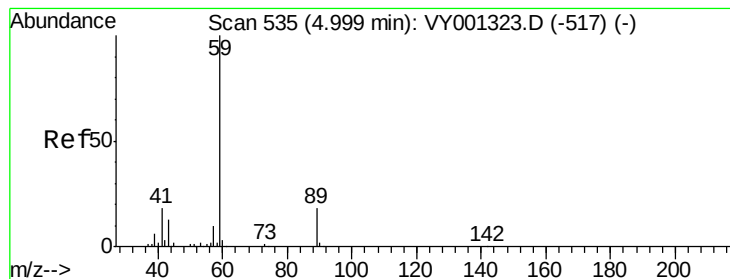
127 39.9 31.6 47.4

141 13.6 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: 65.156 ug/l

RT: 4.99 min Scan# 533

Delta R.T. -0.01 min

Lab File: VY001385.D

Acq: 24 Jan 2020 16:17

Instrument :

MSVOA_Y

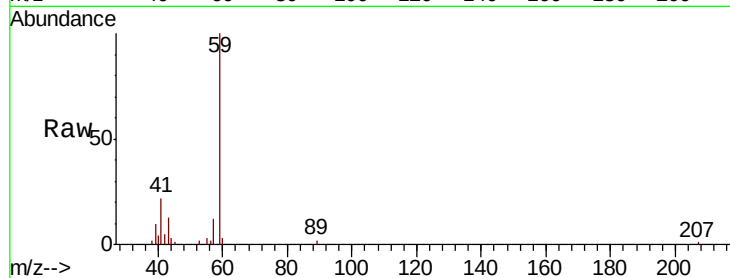
ClientSampled :

Tot Ion: 59 Resp: 21493

Ion Ratio Lower Upper

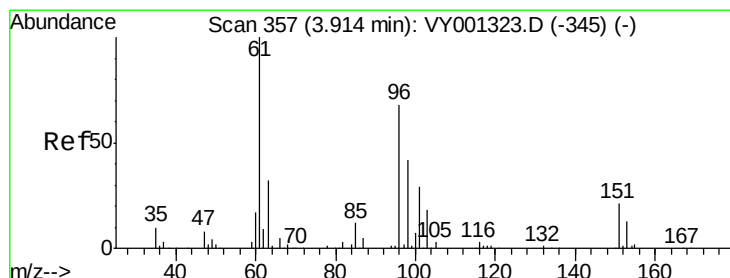
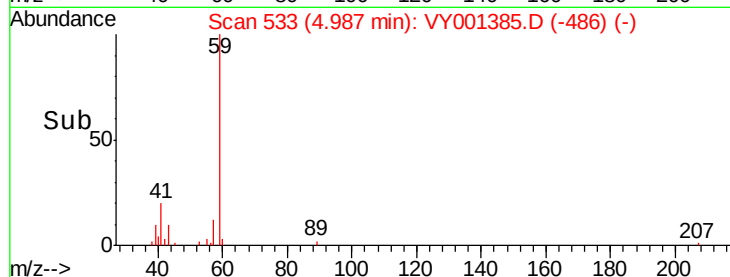
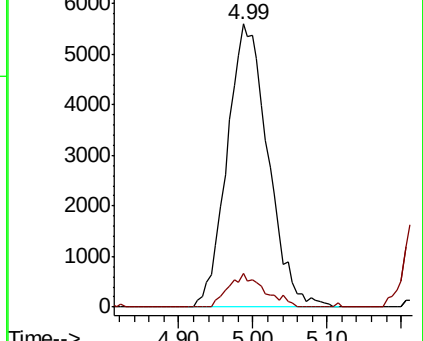
59 100

57 10.3 7.4 11.2



Abundance Ion 59.00 (58.70 to 59.70): VY0

Ion 57.00 (56.70 to 57.70): VY0



#12

1,1-Dichloroethene

Concen: 18.905 ug/l

RT: 3.90 min Scan# 354

Delta R.T. -0.02 min

Lab File: VY001385.D

Acq: 24 Jan 2020 16:17

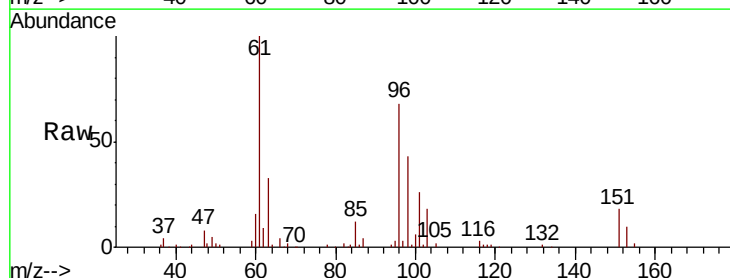
Tgt Ion: 96 Resp: 39671

Ion Ratio Lower Upper

96 100

61 147.4 118.0 177.0

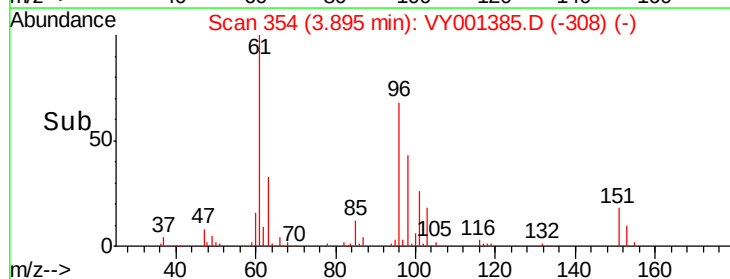
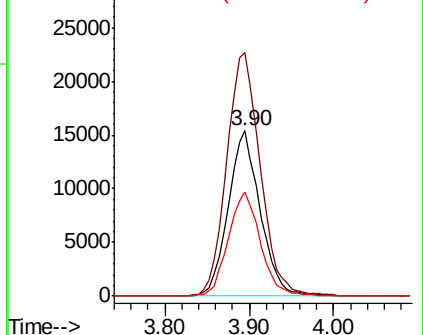
98 62.8 49.4 74.2

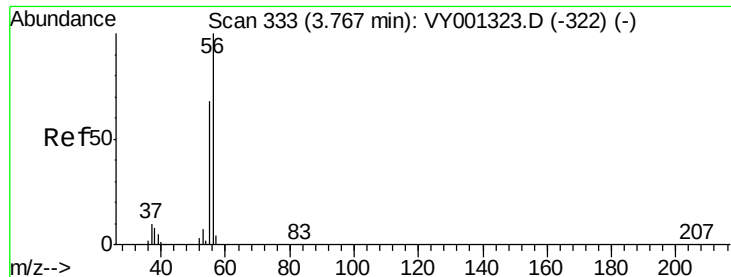


Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#13

Acrolein

Concen: 94.809 ug/l

RT: 3.75 min Scan# 330

Delta R.T. -0.02 min

Lab File: VY001385.D

Acq: 24 Jan 2020 16:17

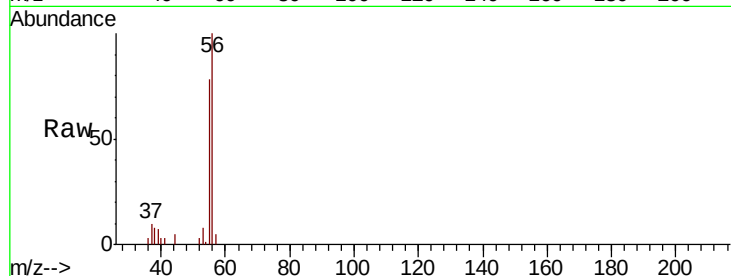
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 16402

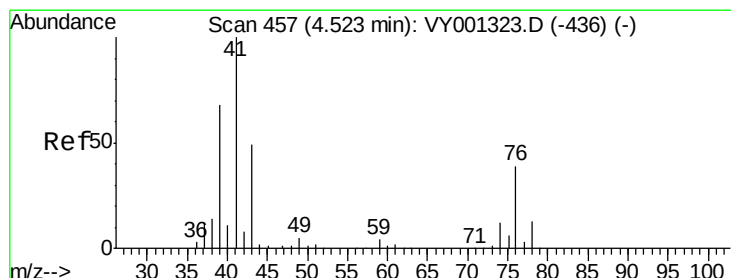
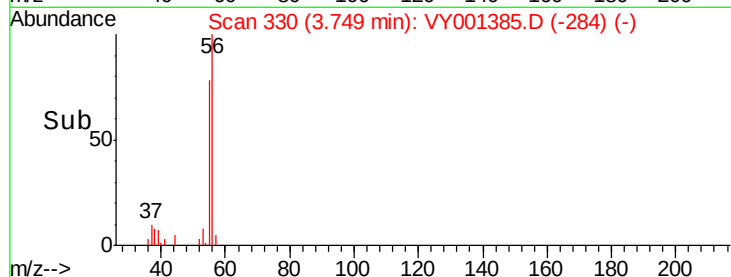
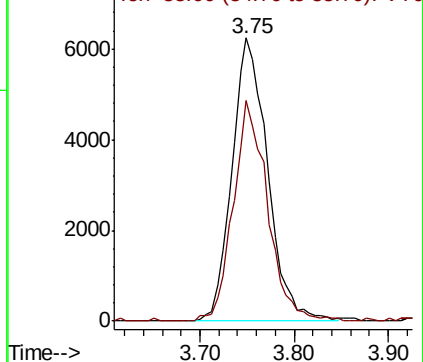
Ion Ratio Lower Upper

56 100

55 74.6 55.9 83.9



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 18.503 ug/l

RT: 4.50 min Scan# 454

Delta R.T. -0.02 min

Lab File: VY001385.D

Acq: 24 Jan 2020 16:17

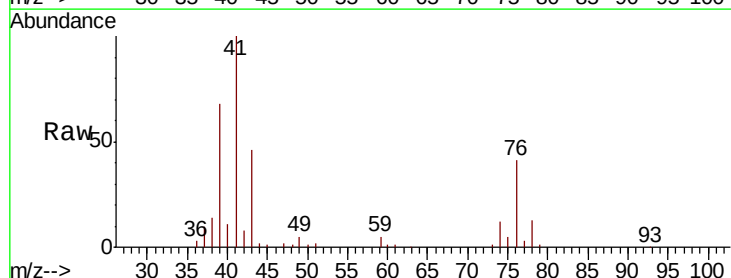
Tgt Ion: 41 Resp: 69242

Ion Ratio Lower Upper

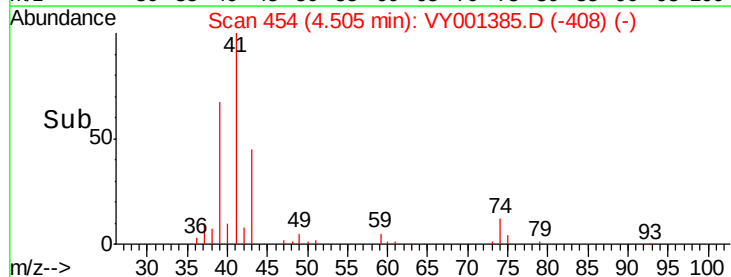
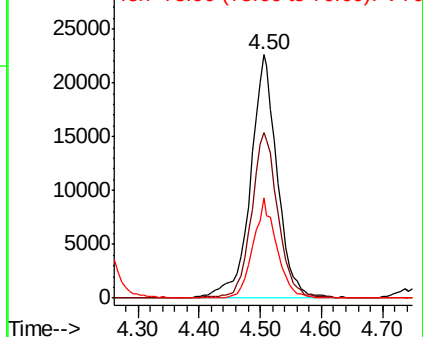
41 100

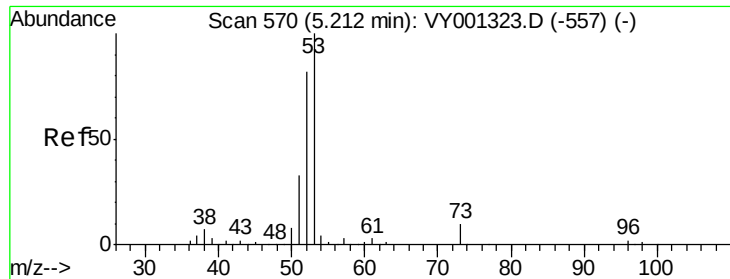
39 67.5 52.2 78.4

76 35.9 29.1 43.7



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 75.90 (75.60 to 76.60): VY0

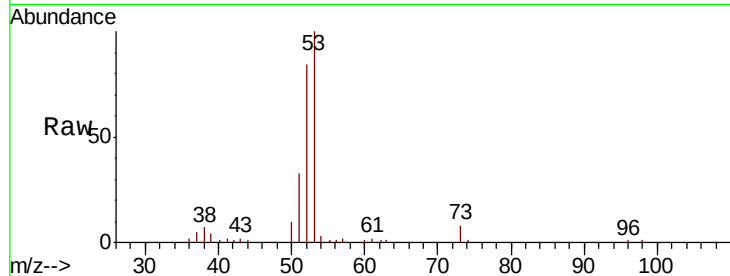




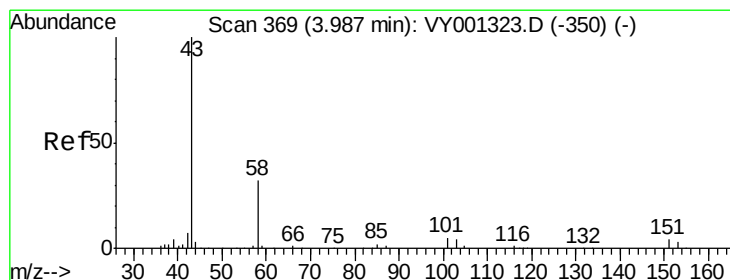
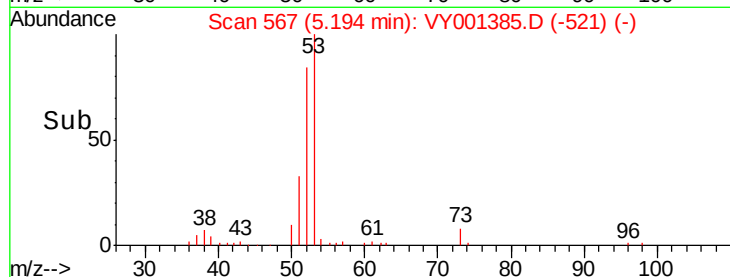
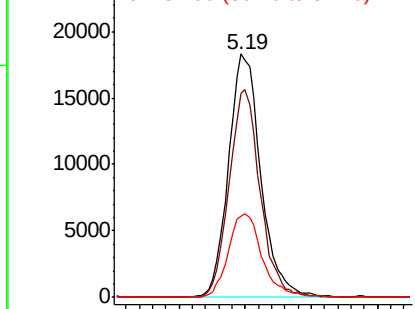
#15
 Acrylonitrile
 Concen: 91.442 ug/l
 RT: 5.19 min Scan# 567
 Delta R.T. -0.02 min
 Lab File: VY001385.D
 Acq: 24 Jan 2020 16:17

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 53 Resp: 62098
 Ion Ratio Lower Upper
 53 100
 52 81.5 65.3 97.9
 51 35.8 28.4 42.6

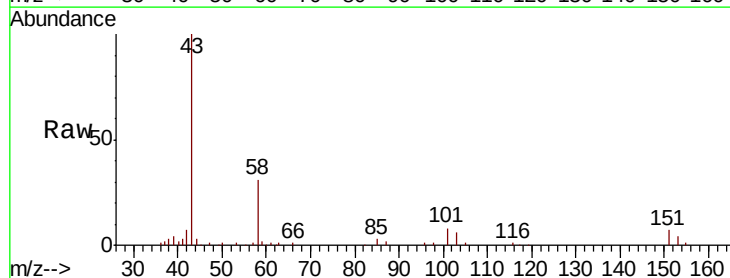


Abundance Ion 53.00 (52.70 to 53.70): VY0
 Ion 52.00 (51.70 to 52.70): VY0
 Ion 51.00 (50.70 to 51.70): VY0

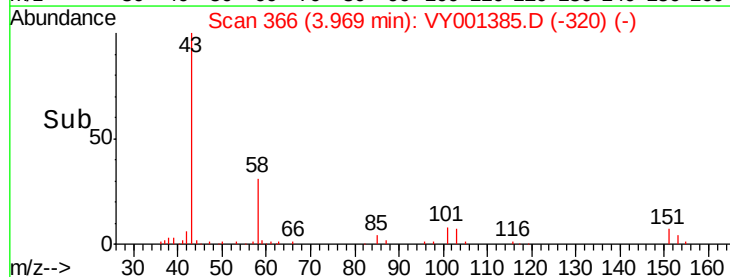
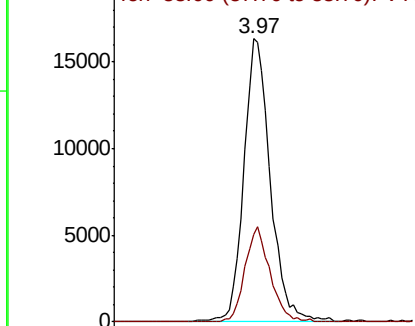


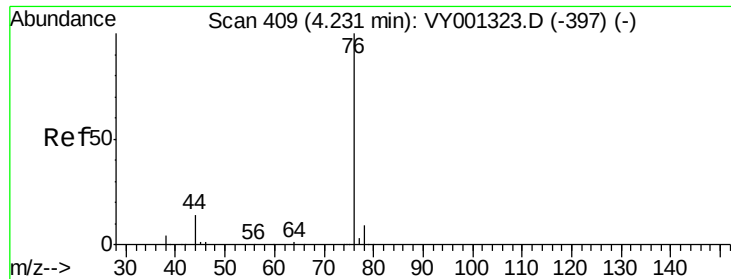
#16
 Acetone
 Concen: 75.039 ug/l
 RT: 3.97 min Scan# 366
 Delta R.T. -0.02 min
 Lab File: VY001385.D
 Acq: 24 Jan 2020 16:17

Tgt Ion: 43 Resp: 45518
 Ion Ratio Lower Upper
 43 100
 58 31.1 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 58.00 (57.70 to 58.70): VY0

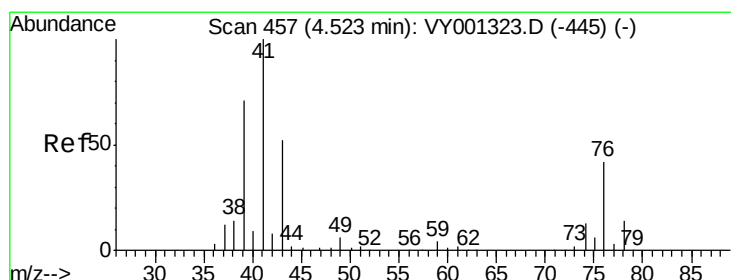
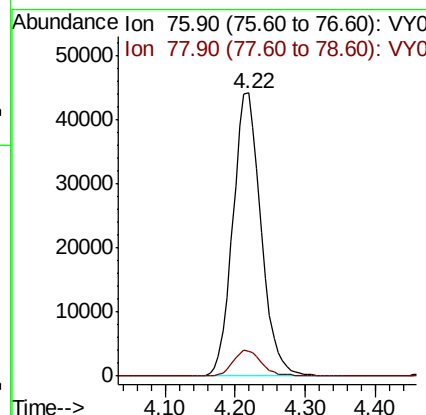
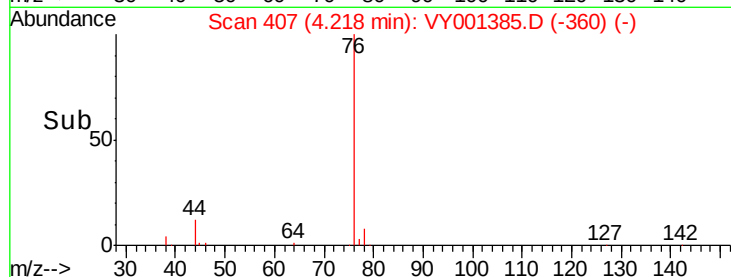
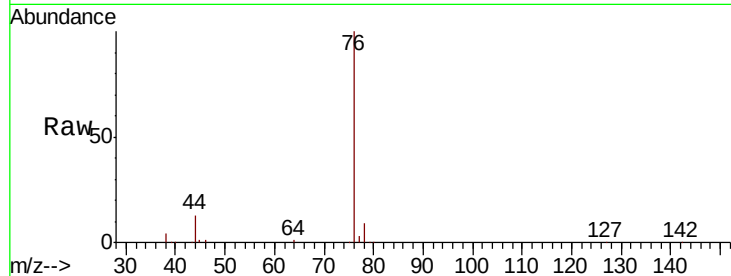




#17
Carbon Disulfide
Concen: 18.666 ug/l
RT: 4.22 min Scan# 407
Delta R.T. -0.01 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

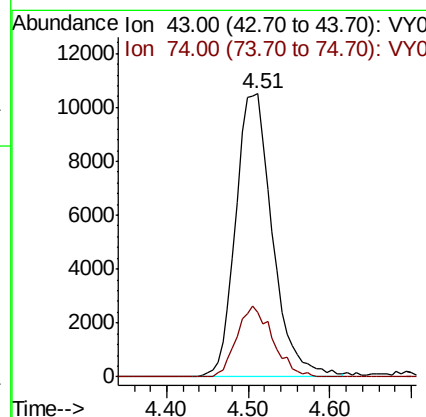
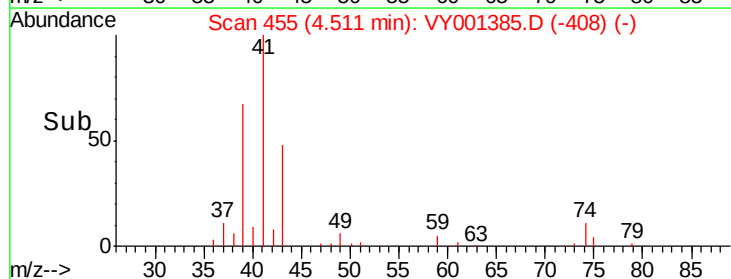
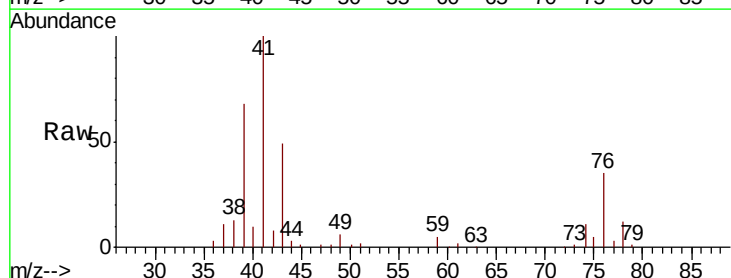
Instrument :
MSVOA_Y
ClientSampleId :

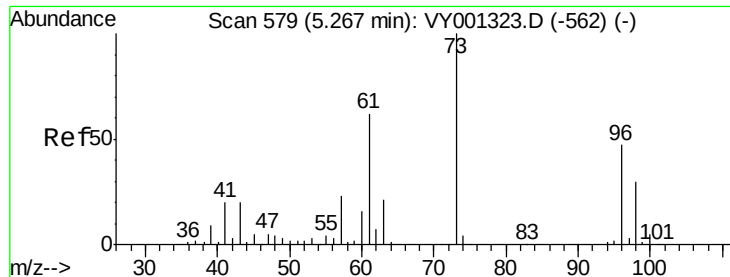
Tot Ion: 76 Resp: 123189
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6



#18
Methyl Acetate
Concen: 18.107 ug/l
RT: 4.51 min Scan# 455
Delta R.T. -0.01 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Tgt Ion: 43 Resp: 32839
Ion Ratio Lower Upper
43 100
74 24.3 19.4 29.2

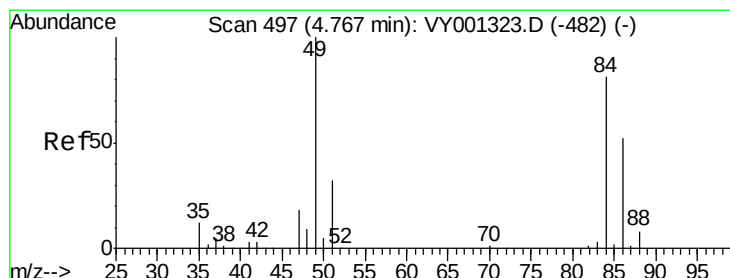
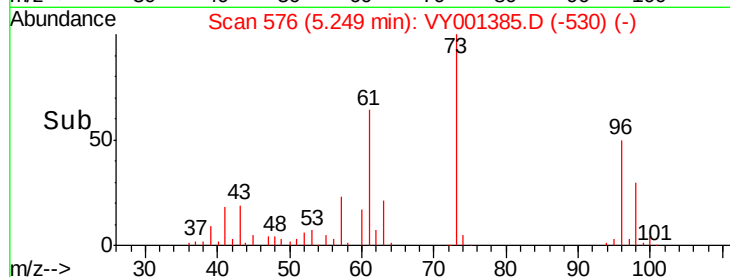
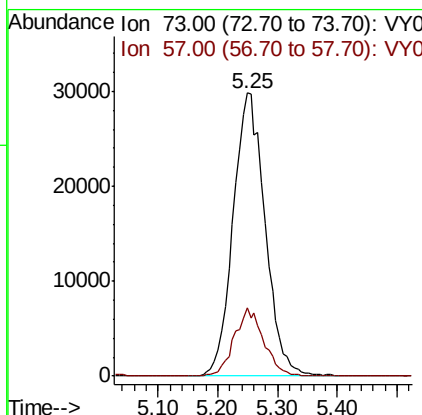
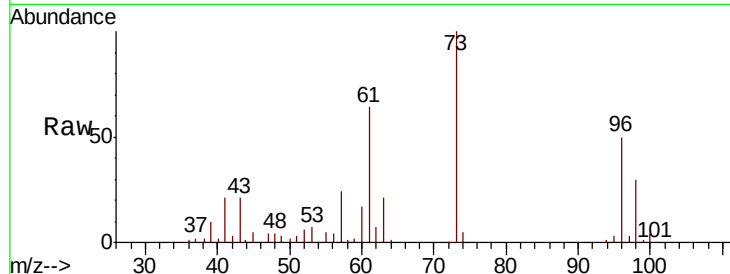




#19
Methyl tert-butyl Ether
Concen: 18.084 ug/l
RT: 5.25 min Scan# 576
Delta R.T. -0.02 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

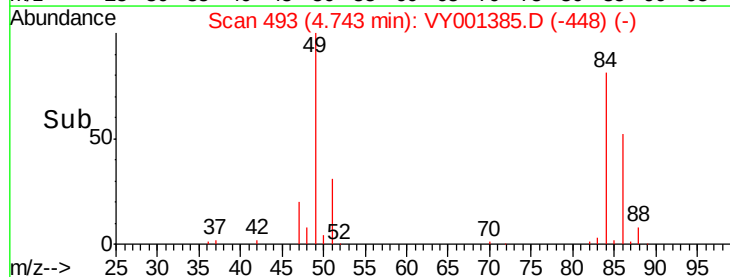
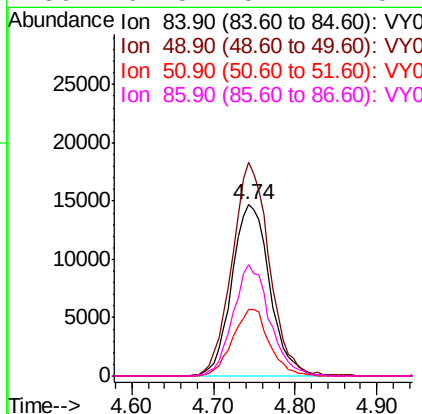
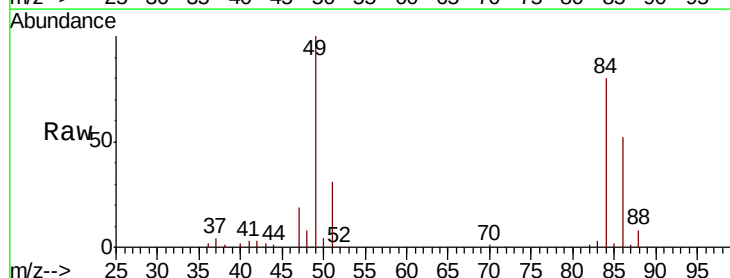
Instrument :
MSVOA_Y
ClientSampled :

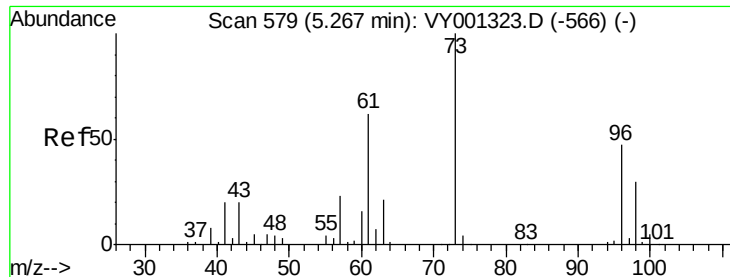
Tot Ion: 73 Resp: 111115
Ion Ratio Lower Upper
73 100
57 24.1 18.2 27.2



#20
Methylene Chloride
Concen: 14.779 ug/l
RT: 4.74 min Scan# 493
Delta R.T. -0.02 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Tgt Ion: 84 Resp: 47179
Ion Ratio Lower Upper
84 100
49 124.7 98.3 147.5
51 38.6 31.6 47.4
86 64.8 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 18.504 ug/l

RT: 5.25 min Scan# 576

Delta R.T. -0.02 min

Lab File: VY001385.D

Acq: 24 Jan 2020 16:17

Instrument :

MSVOA_Y

ClientSampled :

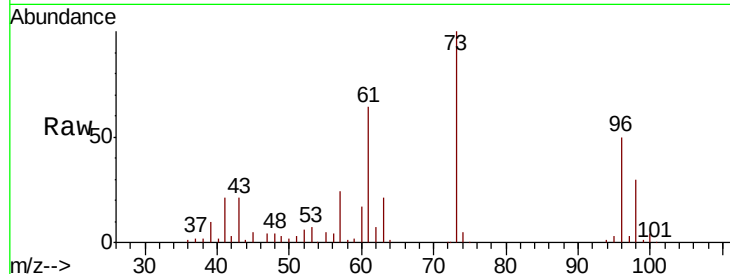
Tot Ion: 96 Resp: 45105

Ion Ratio Lower Upper

96 100

61 129.7 106.8 160.2

98 60.8 51.0 76.6

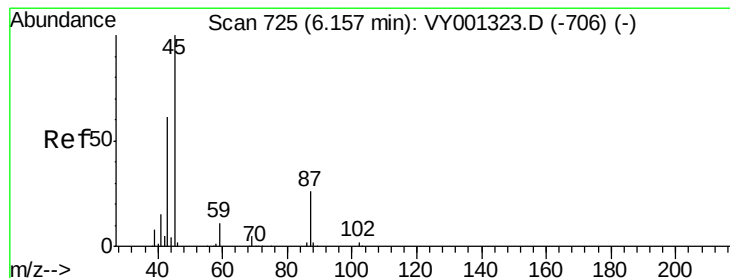
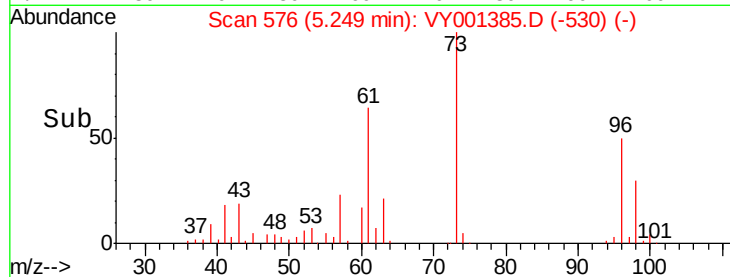
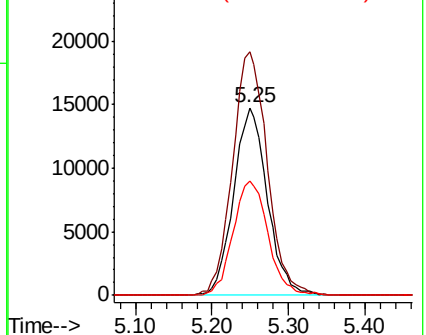


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 17.724 ug/l

RT: 6.15 min Scan# 724

Delta R.T. -0.01 min

Lab File: VY001385.D

Acq: 24 Jan 2020 16:17

Tgt Ion: 45 Resp: 140843

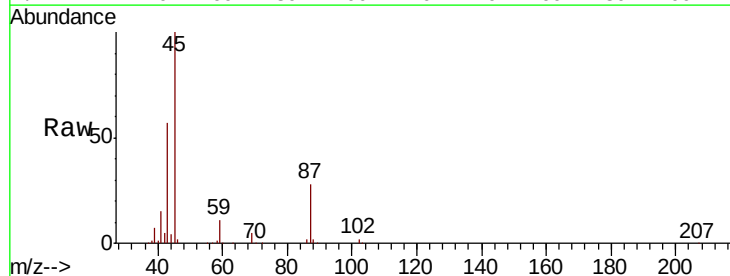
Ion Ratio Lower Upper

45 100

43 57.0 49.2 73.8

87 27.8 21.4 32.2

59 11.3 9.3 13.9



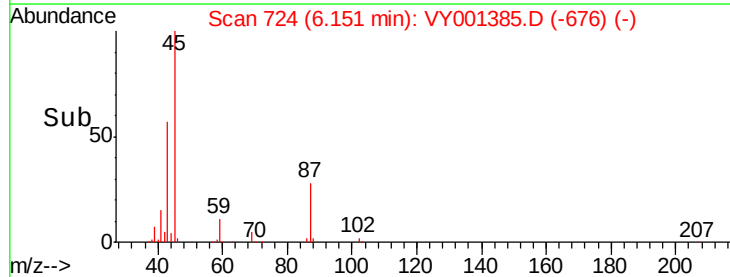
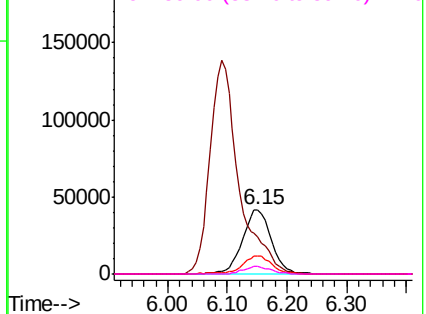
Abundance

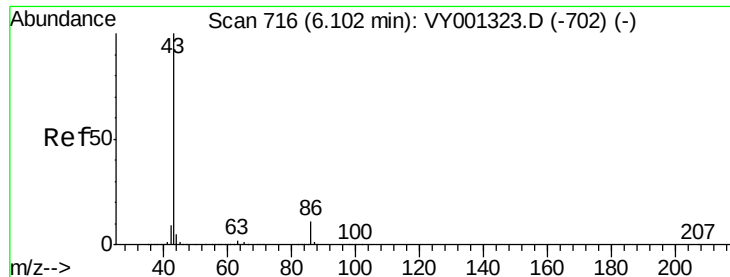
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 90.264 ug/l

RT: 6.09 min Scan# 714

Delta R.T. -0.01 min

Lab File: VY001385.D

Acq: 24 Jan 2020 16:17

Instrument :

MSVOA_Y

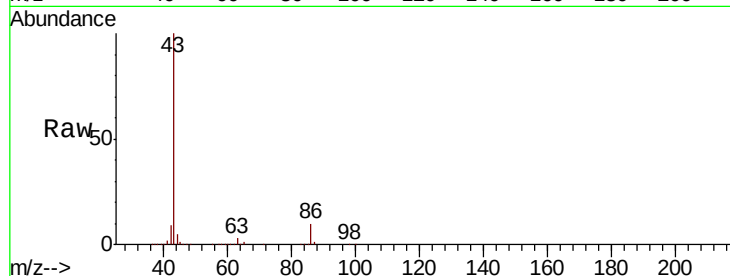
ClientSampleId :

Tot Ion: 43 Resp: 465672

Ion Ratio Lower Upper

43 100

86 9.9 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

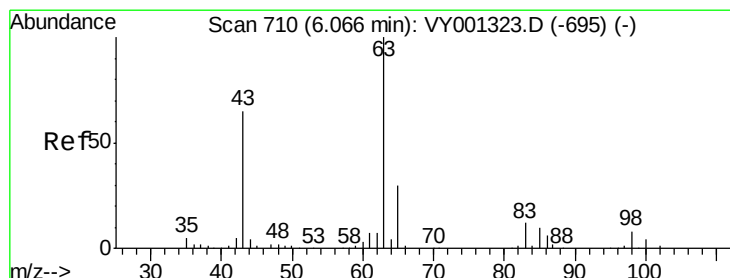
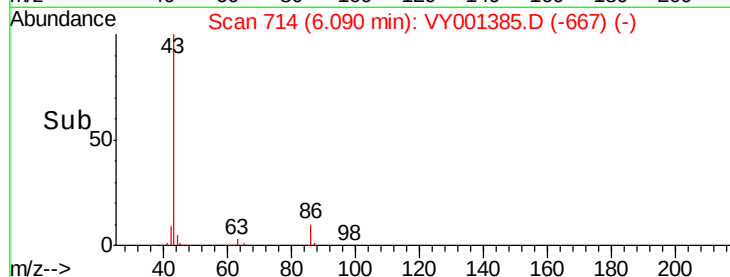
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.018 ug/l

RT: 6.05 min Scan# 707

Delta R.T. -0.02 min

Lab File: VY001385.D

Acq: 24 Jan 2020 16:17

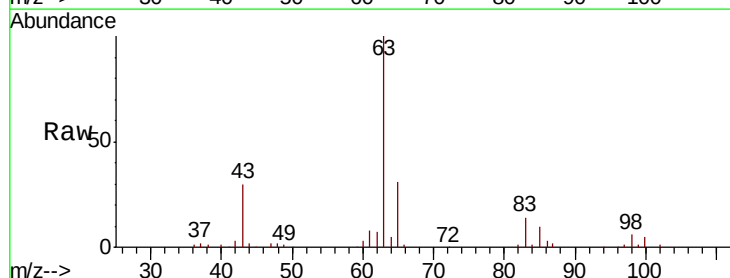
Tgt Ion: 63 Resp: 75471

Ion Ratio Lower Upper

63 100

98 5.8 4.0 12.0

100 5.4 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

25000

20000

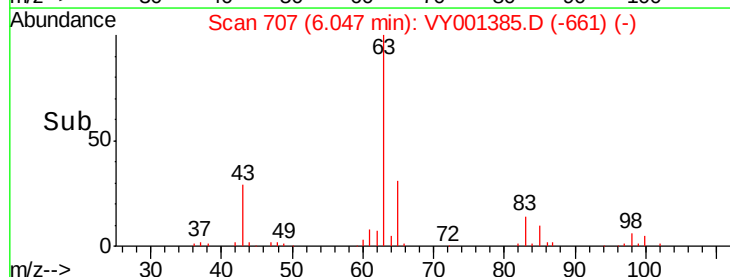
15000

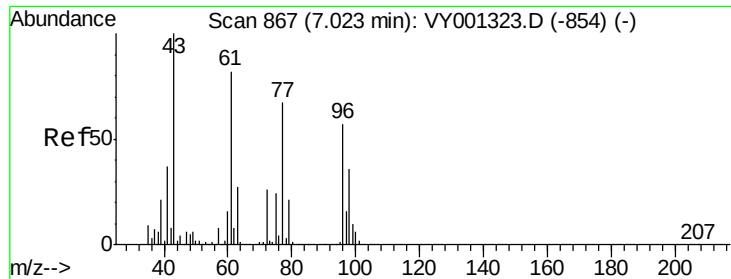
10000

5000

0

Time-->

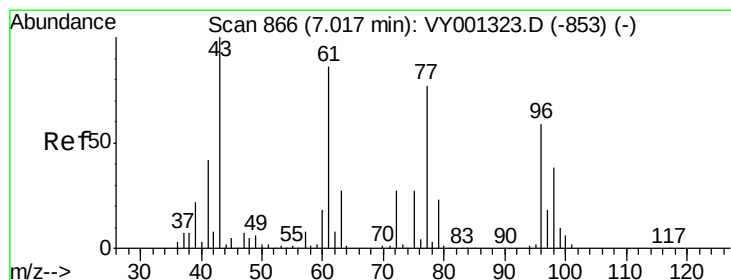
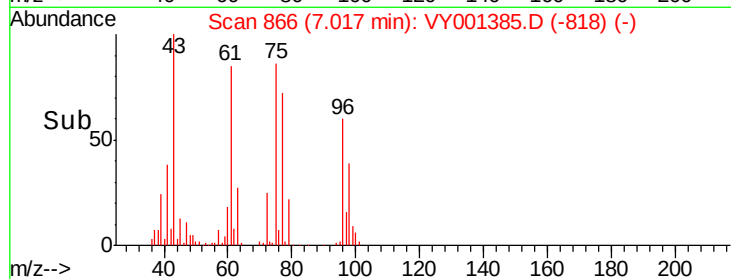
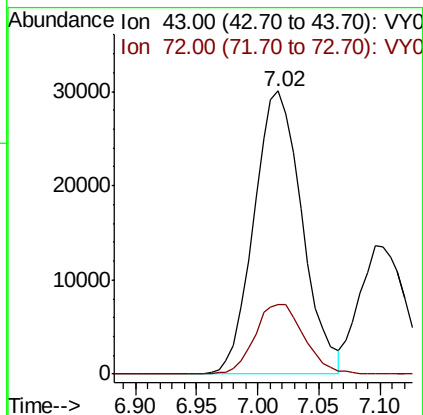
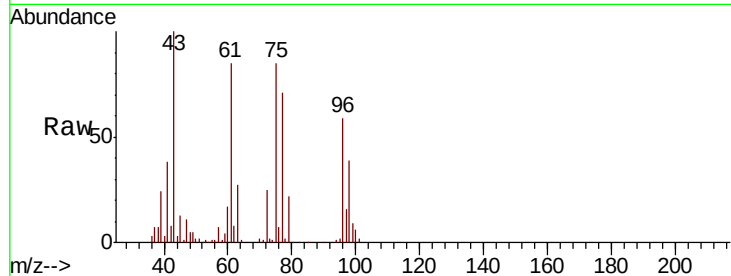




#25
2-Butanone
Concen: 87.931 ug/l
RT: 7.02 min Scan# 866
Delta R.T. -0.01 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

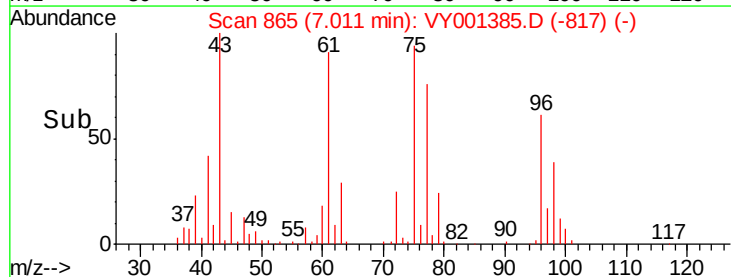
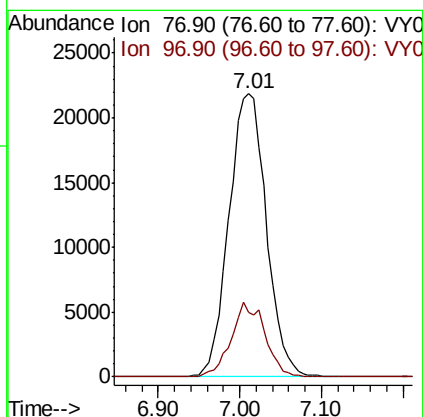
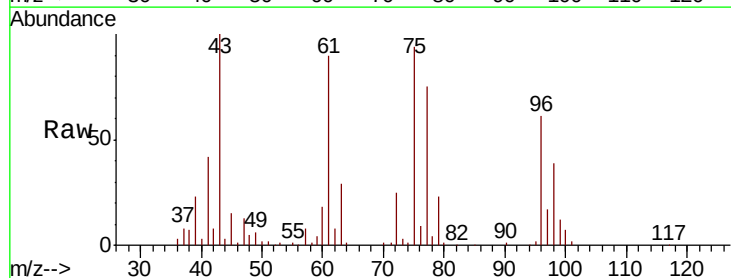
Instrument :
MSVOA_Y
ClientSampled :

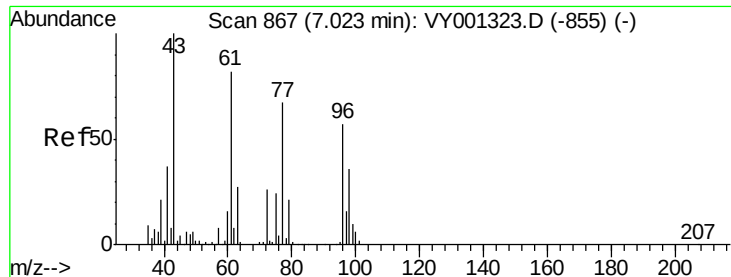
Tot Ion: 43 Resp: 82310
Ion Ratio Lower Upper
43 100
72 24.6 20.6 31.0



#26
2,2-Dichloropropane
Concen: 18.590 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Tgt Ion: 77 Resp: 69360
Ion Ratio Lower Upper
77 100
97 23.7 11.9 35.5



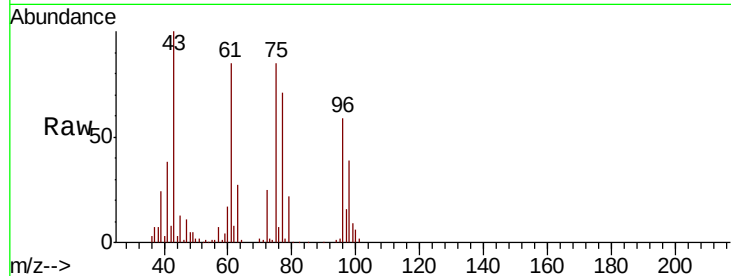


#27

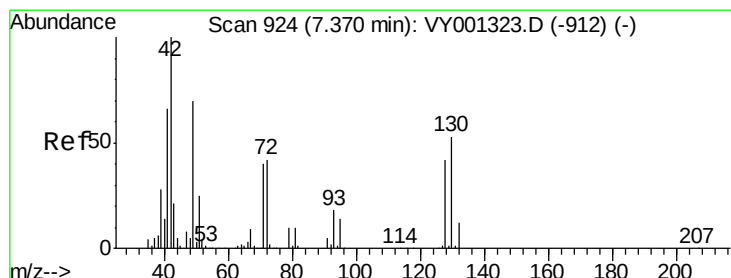
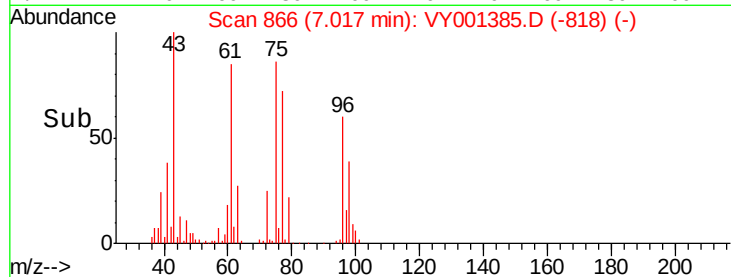
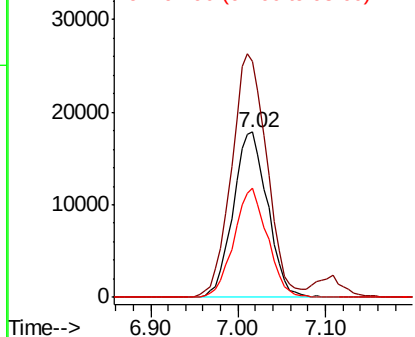
cis-1,2-Dichloroethene
Concen: 17.939 ug/l
RT: 7.02 min Scan# 866
Delta R.T. -0.01 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	151.5	0.0	284.8
98	64.2	0.0	128.4



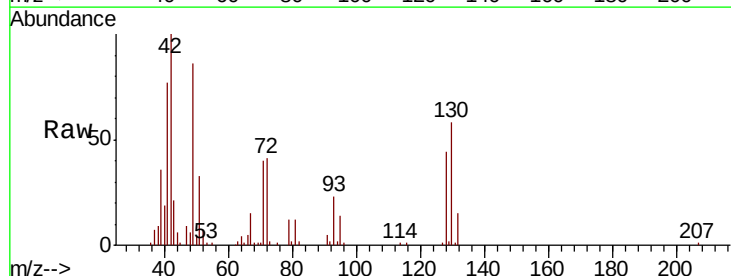
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



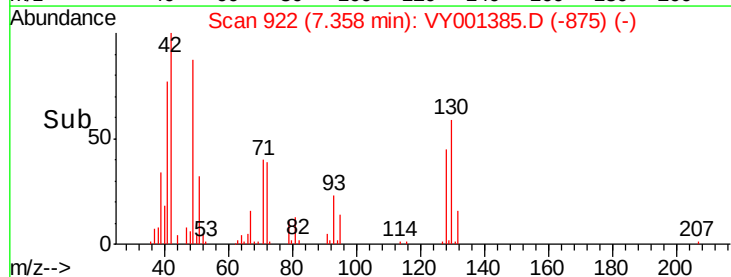
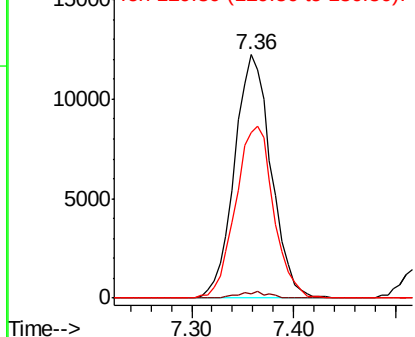
#28

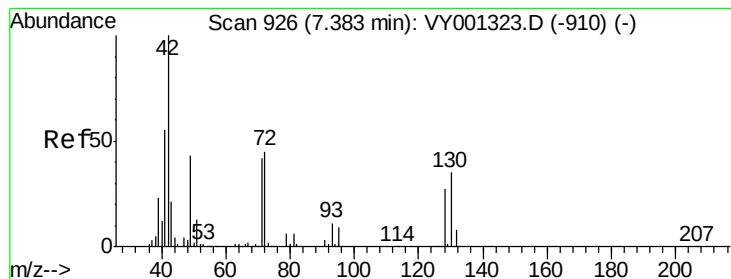
Bromochloromethane
Concen: 17.613 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	73.1	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: 91.501 ug/l

RT: 7.38 min Scan# 925

Delta R.T. -0.01 min

Lab File: VY001385.D

Acq: 24 Jan 2020 16:17

Instrument :

MSVOA_Y

ClientSampleId :

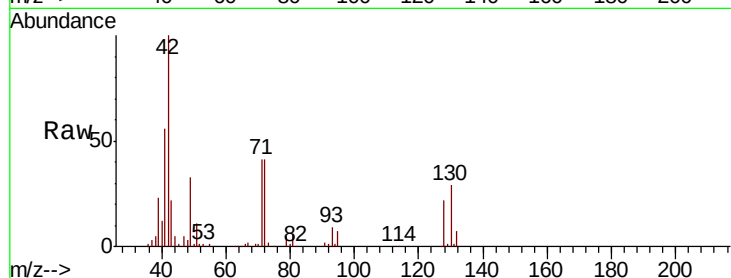
Tot Ion: 42 Resp: 55724

Ion Ratio Lower Upper

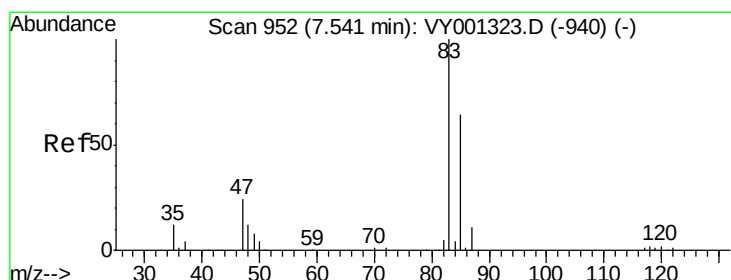
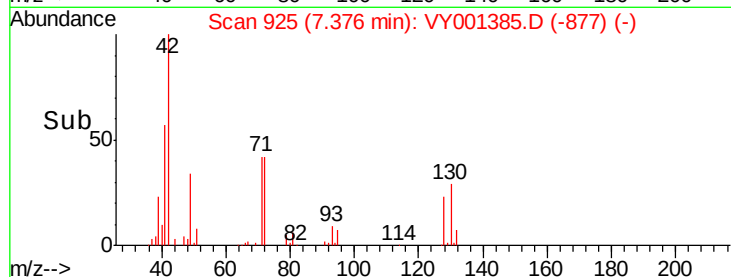
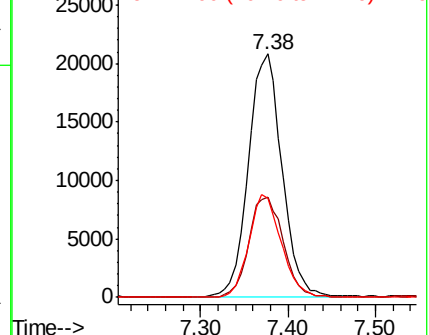
42 100

72 42.0 34.6 51.8

71 40.5 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: 18.159 ug/l

RT: 7.53 min Scan# 951

Delta R.T. -0.01 min

Lab File: VY001385.D

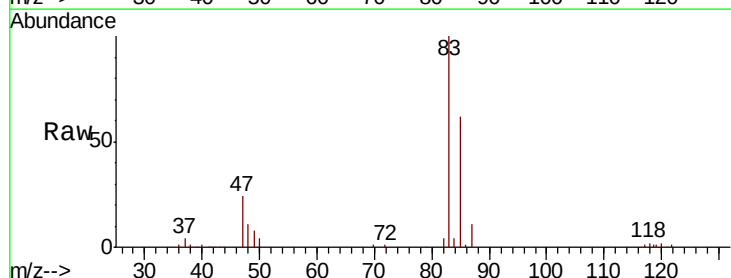
Acq: 24 Jan 2020 16:17

Tgt Ion: 83 Resp: 74553

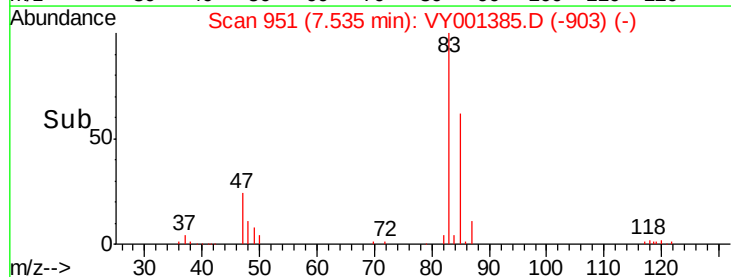
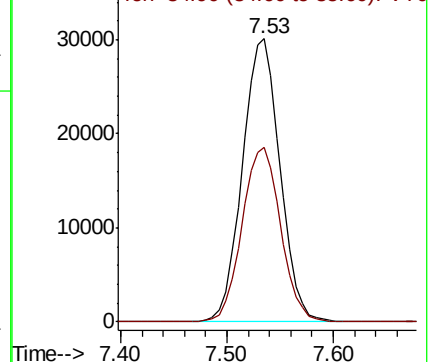
Ion Ratio Lower Upper

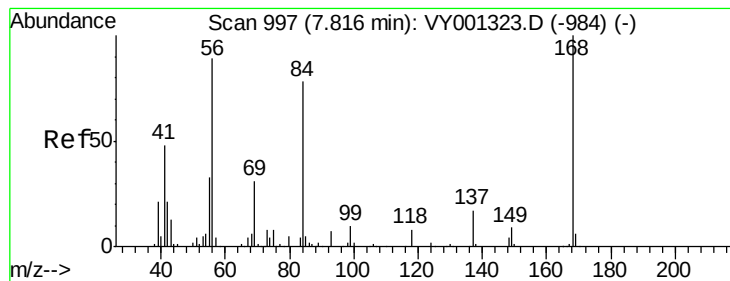
83 100

85 61.7 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: 19.280 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001385.D

Acq: 24 Jan 2020 16:17

Instrument :
MSVOA_Y
ClientSampleId :

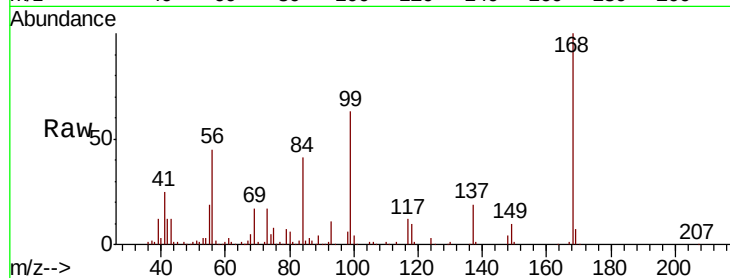
Tot Ion: 56 Resp: 80180

Ion Ratio Lower Upper

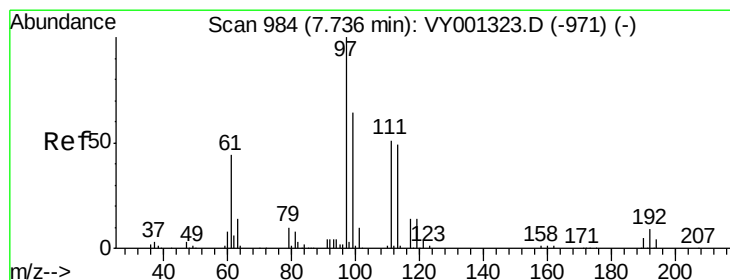
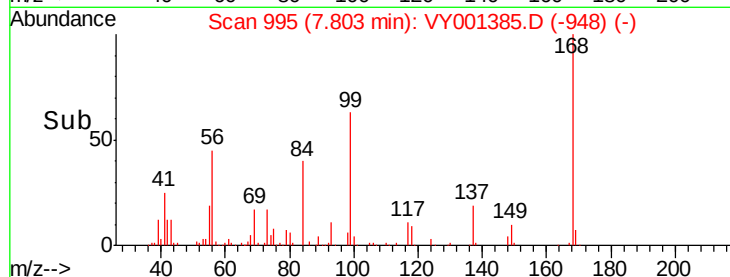
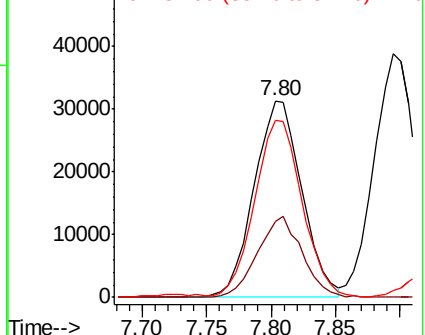
56 100

69 38.3 27.6 41.4

84 89.0 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: 18.530 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY001385.D

Acq: 24 Jan 2020 16:17

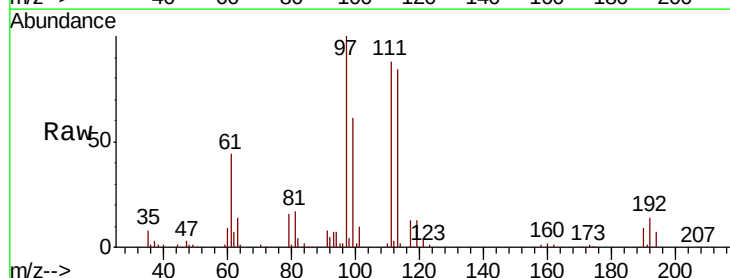
Tgt Ion: 97 Resp: 64234

Ion Ratio Lower Upper

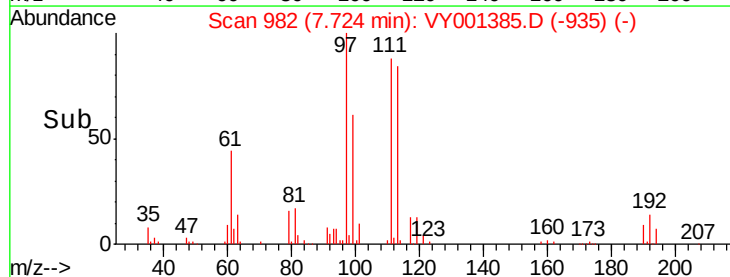
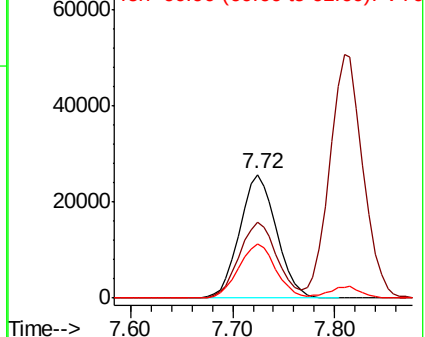
97 100

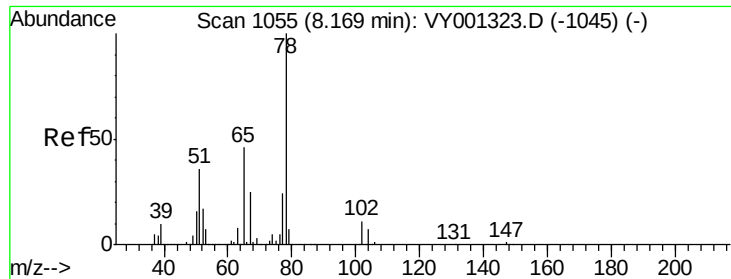
99 63.1 51.3 76.9

61 44.4 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

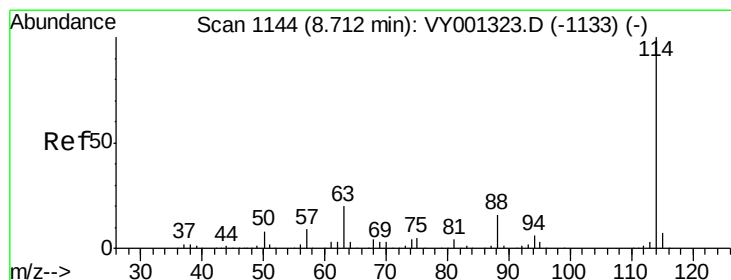
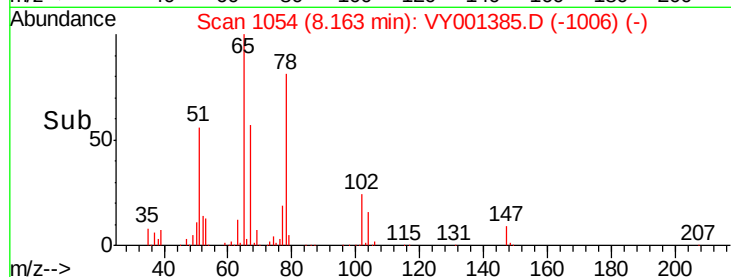
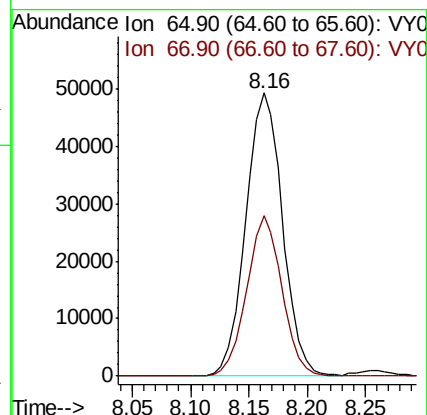
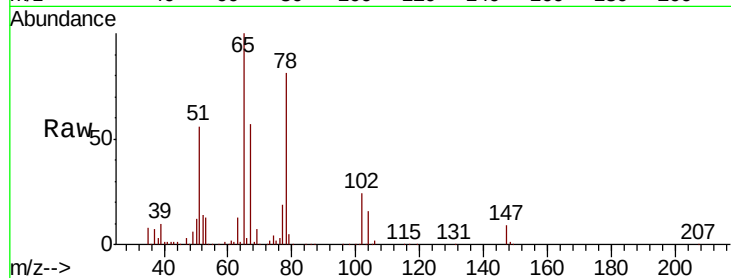




#33
 1,2-Dichloroethane-d4
 Concen: 50.453 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001385.D
 Acq: 24 Jan 2020 16:17

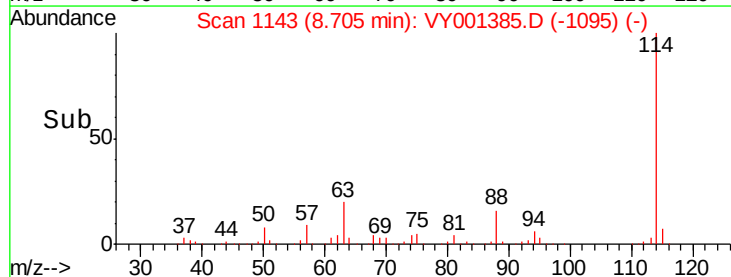
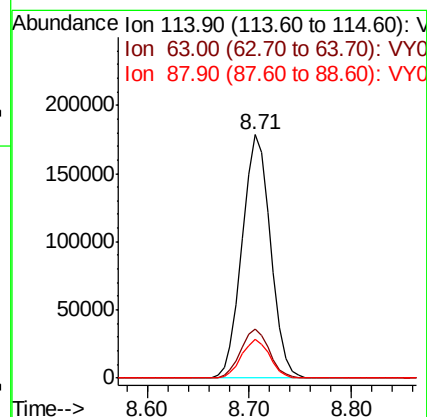
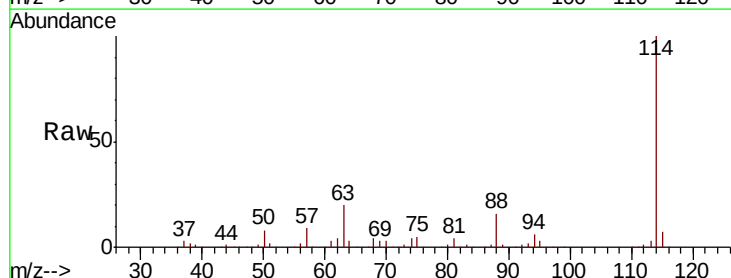
Instrument :
 MSVOA_Y
 ClientSampled :

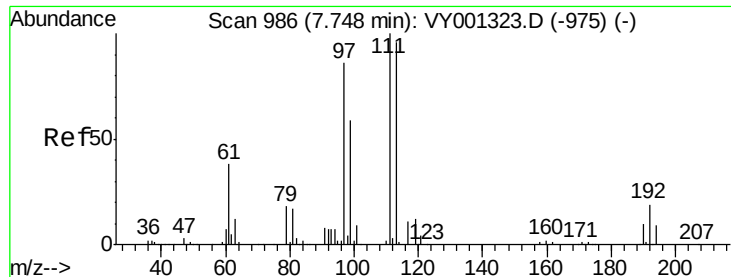
Tot Ion: 65 Resp: 108506
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001385.D
 Acq: 24 Jan 2020 16:17

Tgt Ion: 114 Resp: 344882
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.8
 88 15.7 0.0 31.0

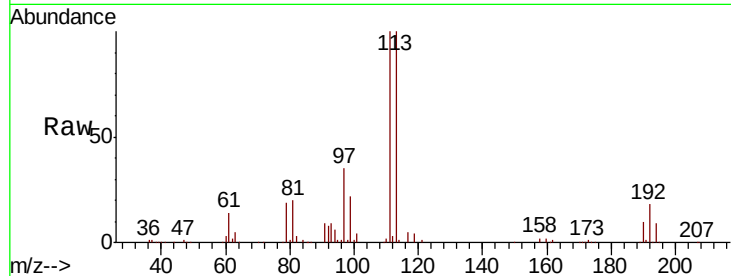




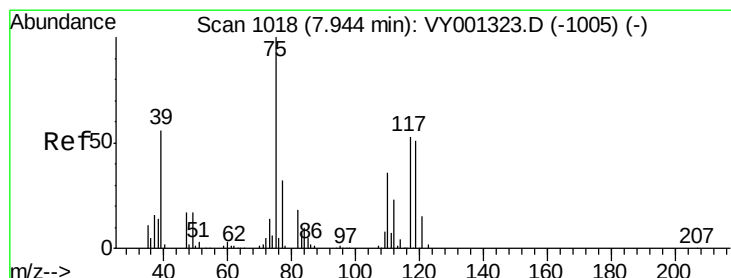
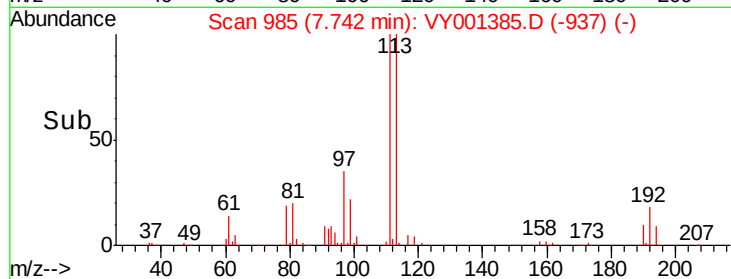
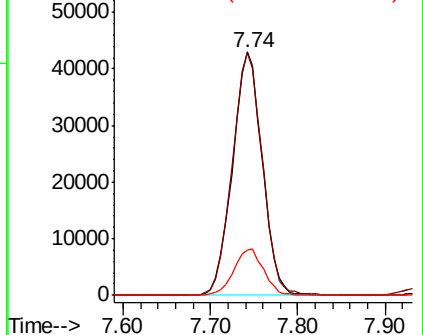
#35
 Dibromofluoromethane
 Concen: 50.173 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY001385.D
 Acq: 24 Jan 2020 16:17

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:113 Resp: 101559
 Ion Ratio Lower Upper
 113 100
 111 100.8 82.8 124.2
 192 18.9 15.5 23.3

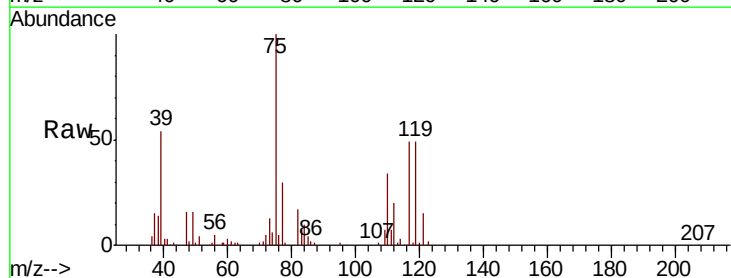


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

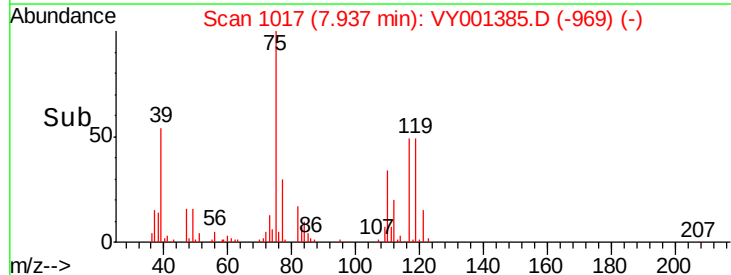
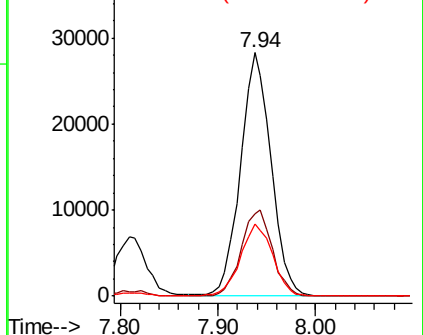


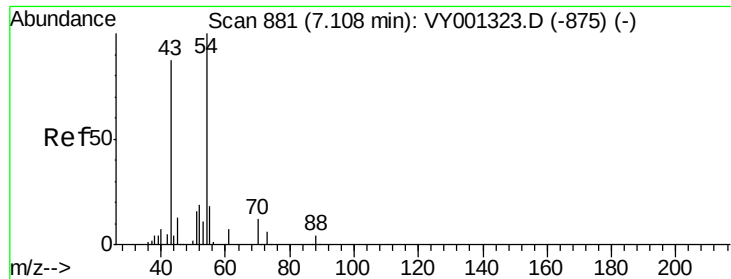
#36
 1,1-Dichloropropene
 Concen: 18.879 ug/l
 RT: 7.94 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: VY001385.D
 Acq: 24 Jan 2020 16:17

Tgt Ion: 75 Resp: 61514
 Ion Ratio Lower Upper
 75 100
 110 35.9 17.6 52.8
 77 31.2 24.7 37.1



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

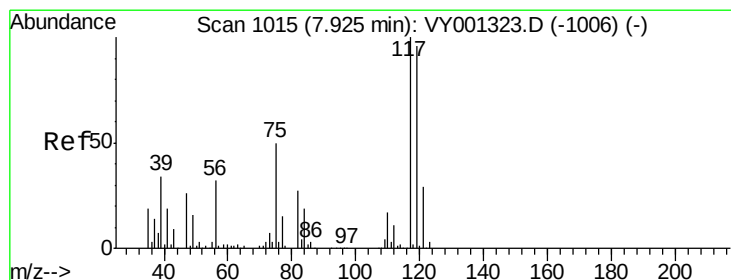
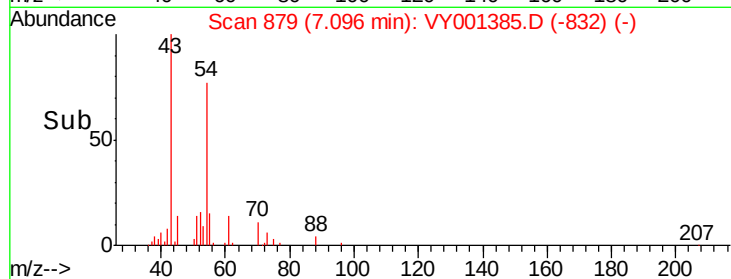
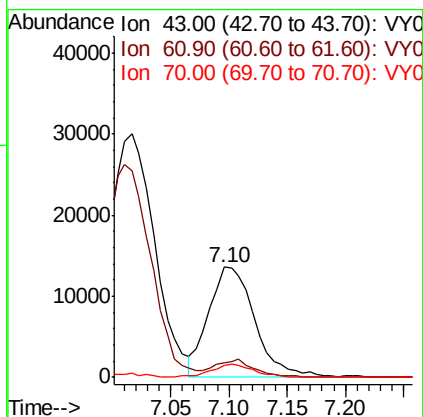
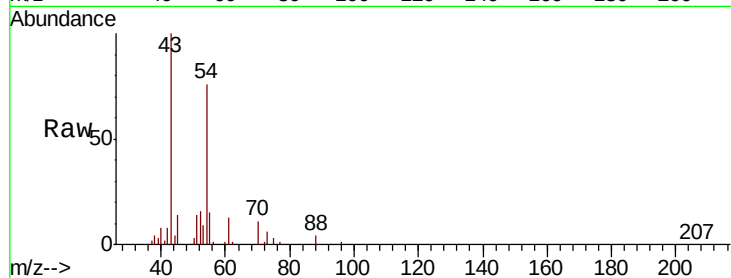




#37
Ethyl Acetate
Concen: 18.588 ug/l
RT: 7.10 min Scan# 879
Delta R.T. -0.01 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

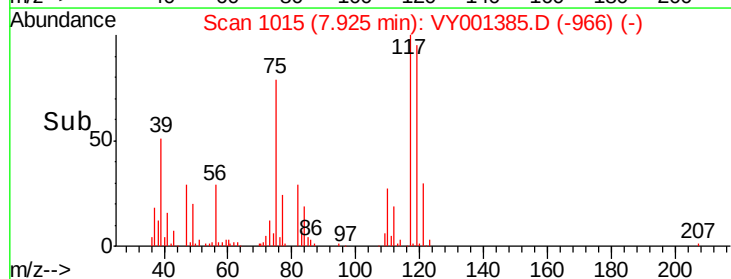
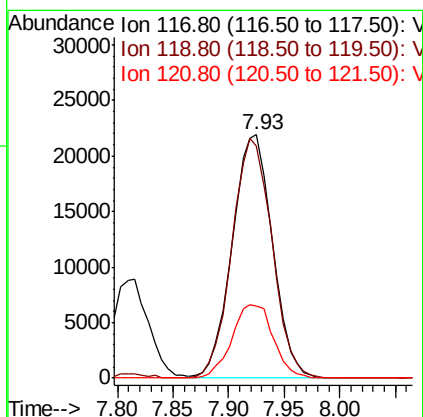
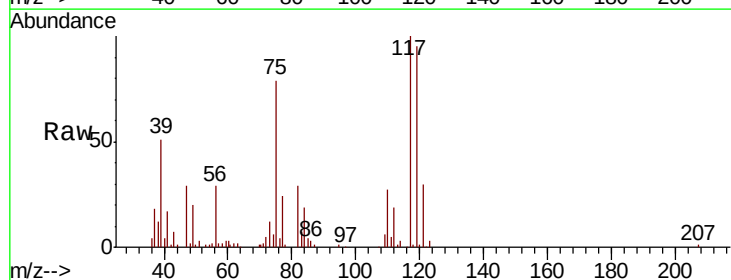
Instrument :
MSVOA_Y
ClientSampleId :

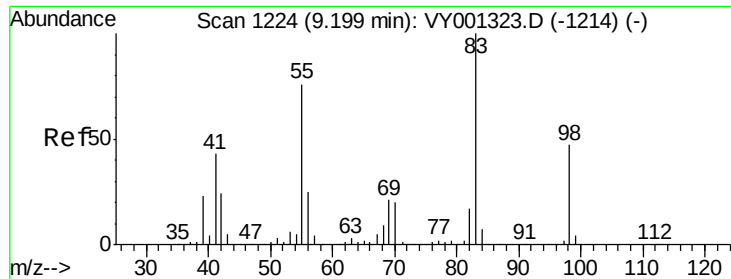
Tot Ion: 43 Resp: 37003
Ion Ratio Lower Upper
43 100
61 13.6 11.3 16.9
70 11.3 8.7 13.1



#38
Carbon Tetrachloride
Concen: 18.975 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. -0.00 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Tgt Ion: 117 Resp: 55099
Ion Ratio Lower Upper
117 100
119 95.1 76.3 114.5
121 29.6 23.5 35.3

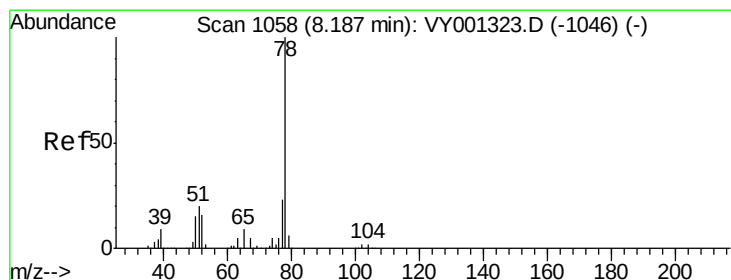
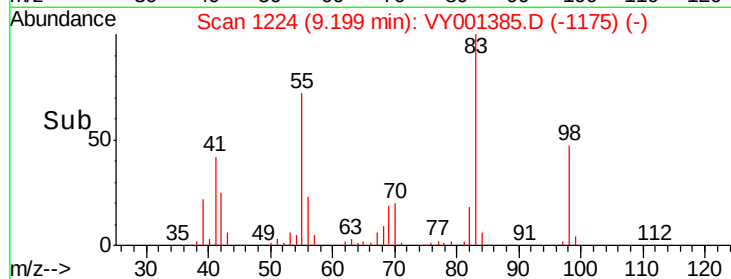
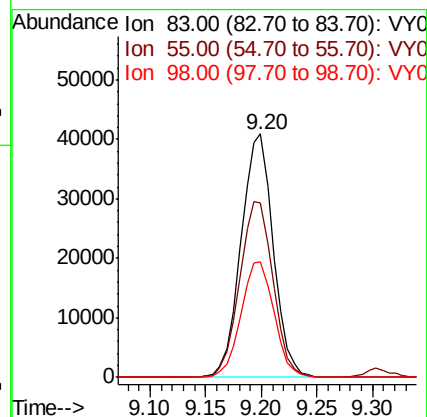
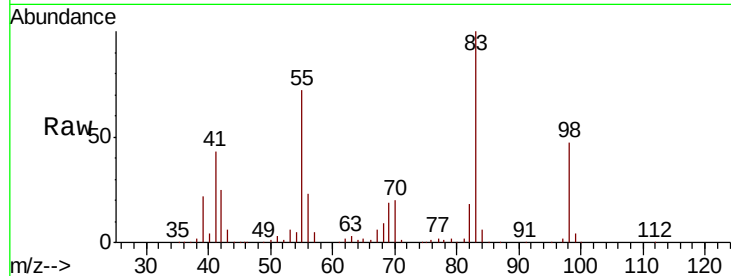




#39
Methylvlcyclohexane
Concen: 19.633 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.00 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

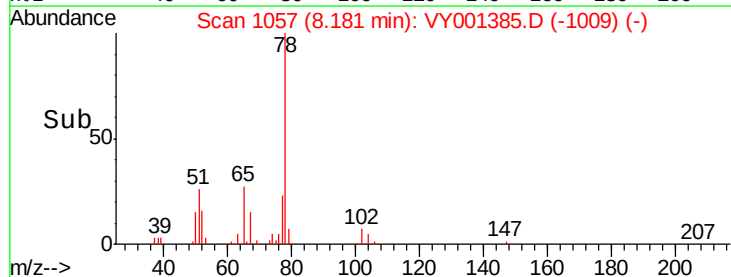
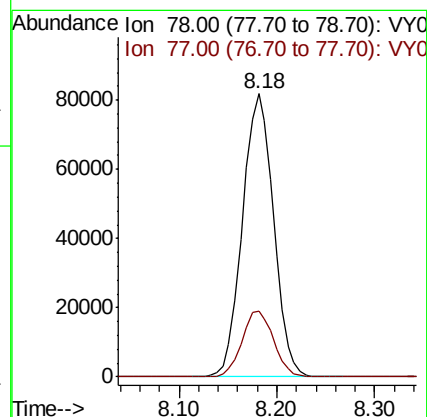
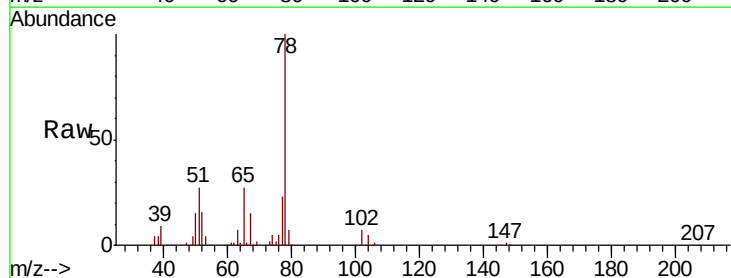
Instrument :
MSVOA_Y
ClientSampled :

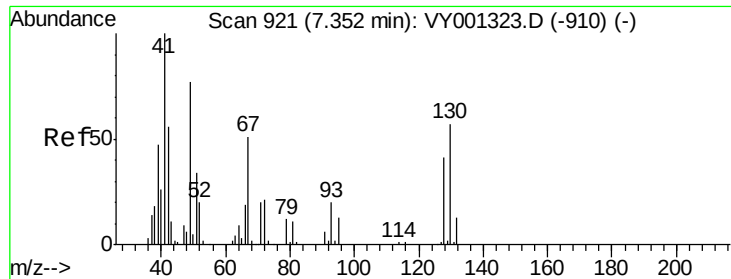
Tot Ion	83.00	Resp	81950
Ion	Ratio	Lower	Upper
83	100		
55	71.5	60.7	91.1
98	47.4	37.8	56.8



#40
Benzene
Concen: 18.500 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Tgt Ion	78	Resp	180741
Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.6	27.8

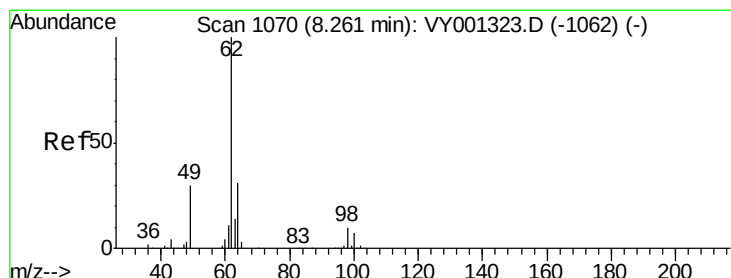
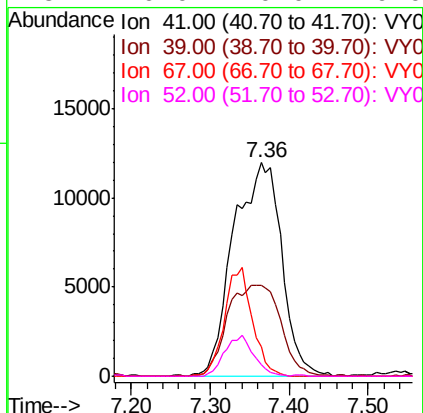
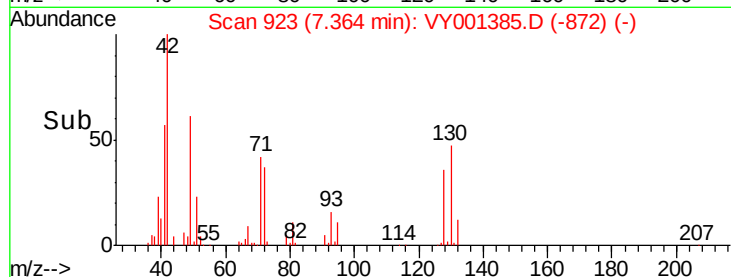
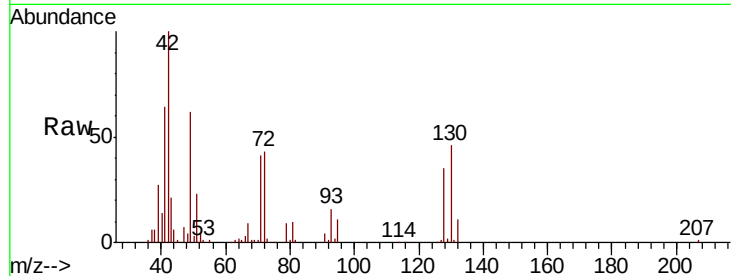




#41
Methacrylonitrile
Concen: 49.457 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.01 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

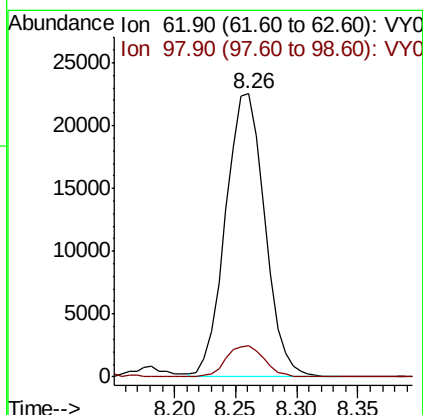
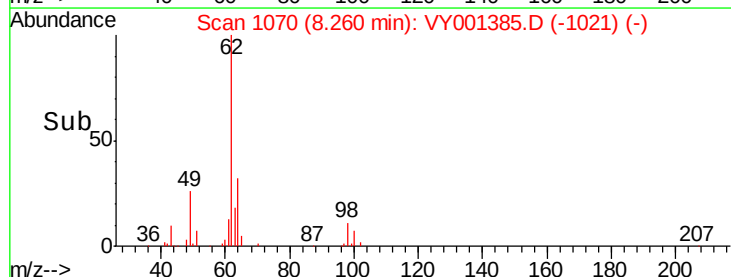
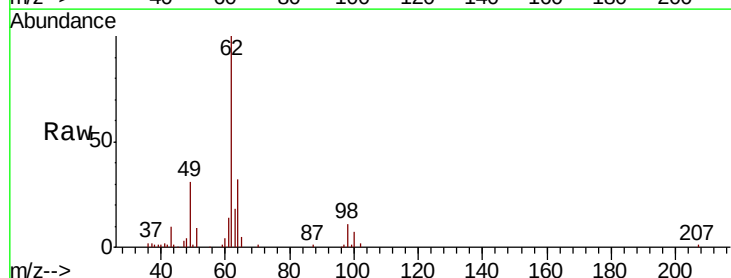
Instrument :
MSVOA_Y
ClientSampleId :

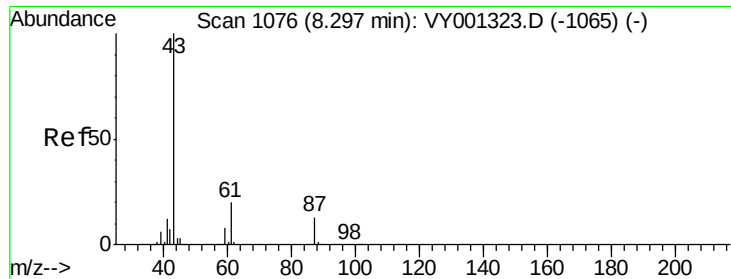
Tot Ion:	41	Resp:	50806
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 18.420 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. -0.00 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Tgt Ion:	62	Resp:	50284
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	20.8





#43

Isopropyl Acetate

Concen: 18.698 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. -0.01 min

Lab File: VY001385.D

Acq: 24 Jan 2020 16:17

Instrument :

MSVOA_Y

ClientSampleId :

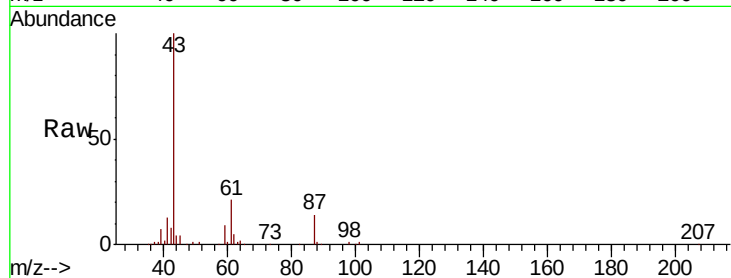
Tot Ion: 43 Resp: 72378

Ion Ratio Lower Upper

43 100

61 28.2 22.7 34.1

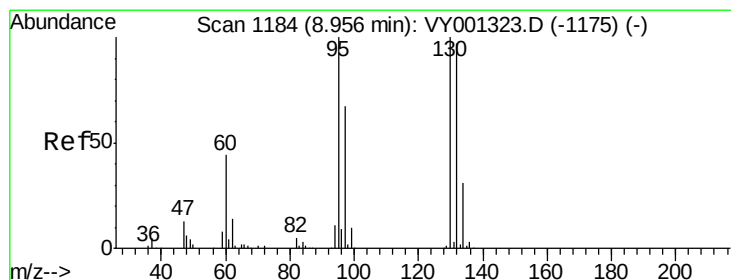
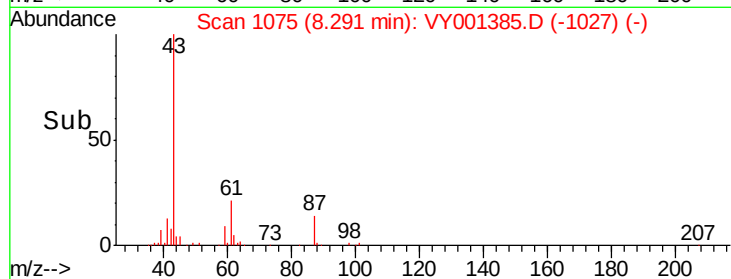
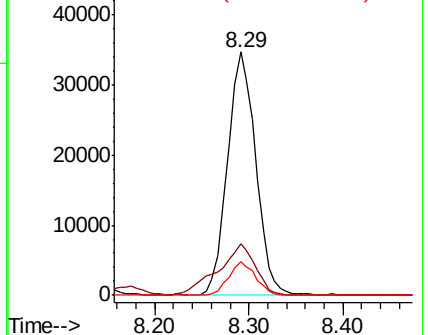
87 13.2 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VY001323.D (-1065) (-)

Ion 61.00 (60.70 to 61.70): VY001323.D (-1065) (-)

Ion 87.00 (86.70 to 87.70): VY001323.D (-1065) (-)



#44

Trichloroethene

Concen: 18.684 ug/l

RT: 8.96 min Scan# 1184

Delta R.T. -0.00 min

Lab File: VY001385.D

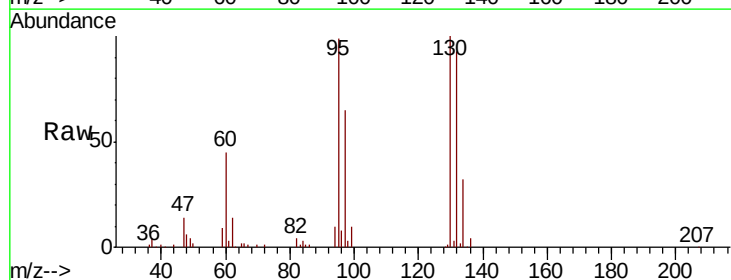
Acq: 24 Jan 2020 16:17

Tgt Ion:130 Resp: 46842

Ion Ratio Lower Upper

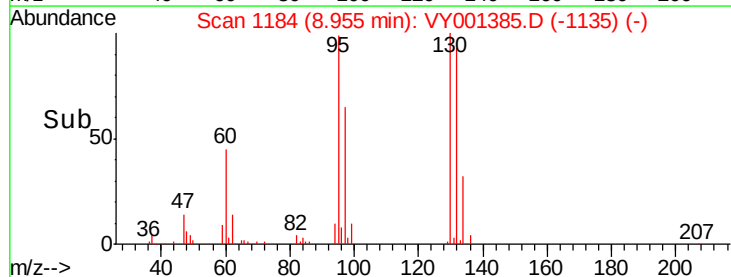
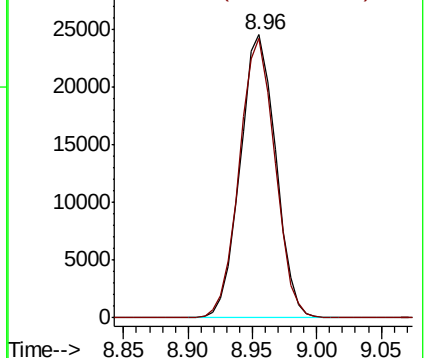
130 100

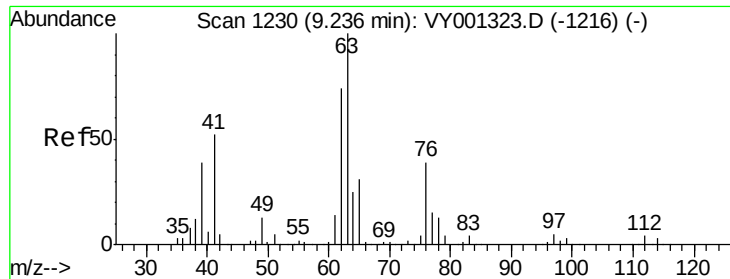
95 99.0 0.0 200.0



Abundance Ion 129.80 (129.50 to 130.50): VY001323.D (-1175) (-)

Ion 94.90 (94.60 to 95.60): VY001323.D (-1175) (-)

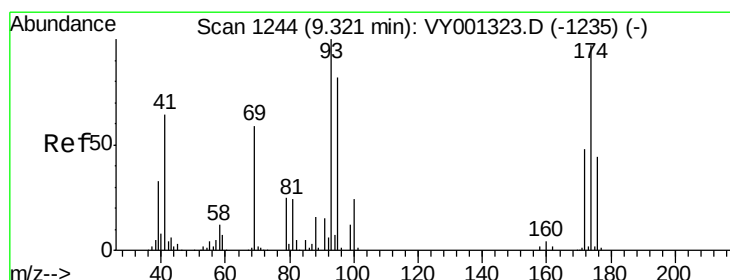
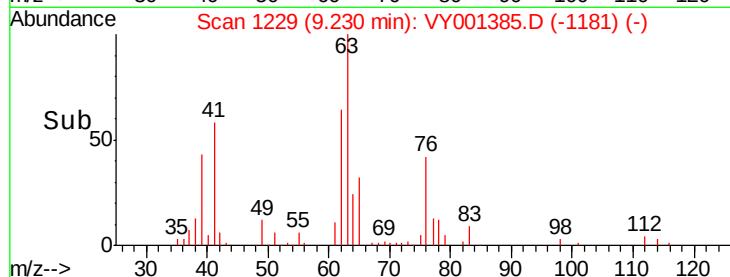
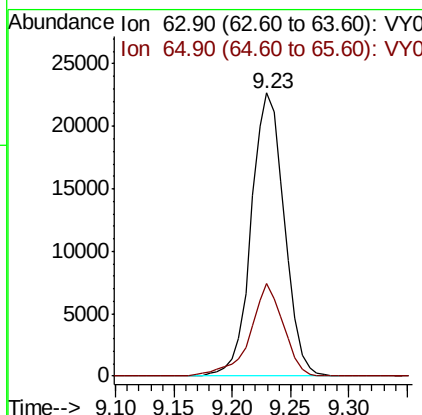
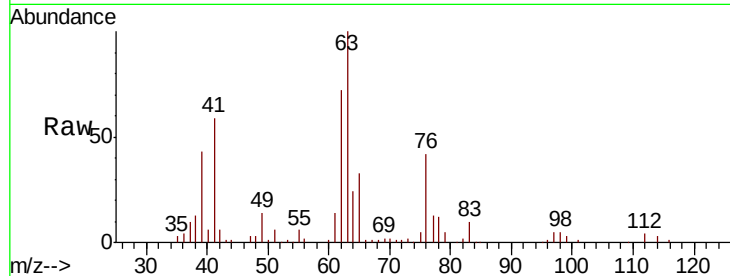




#45
 1,2-Dichloropropane
 Concen: 18.151 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: VY001385.D
 Acq: 24 Jan 2020 16:17

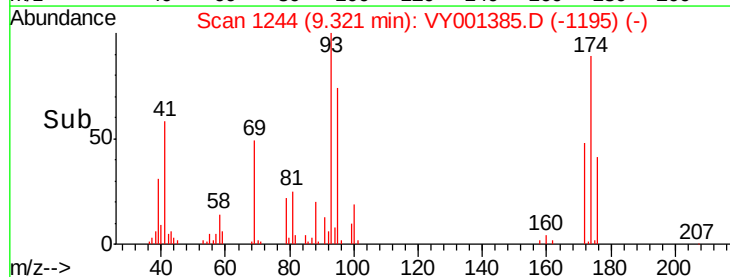
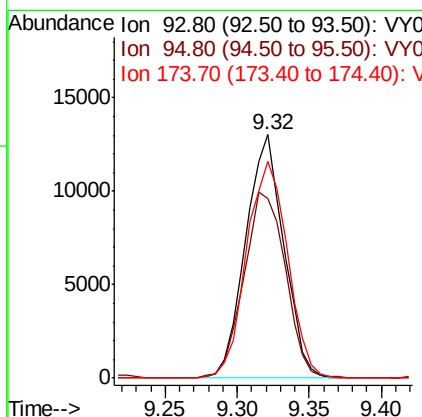
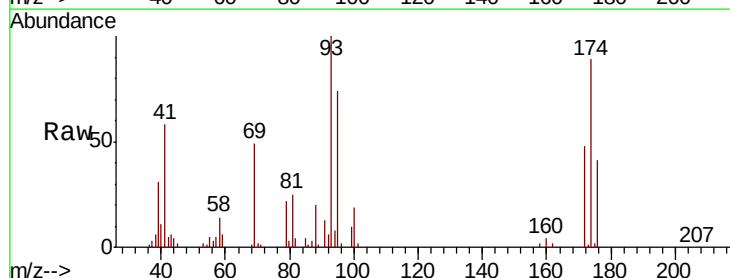
Instrument :
 MSVOA_Y
 ClientSampled :

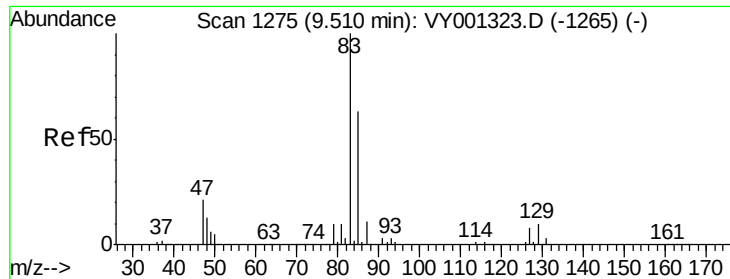
Tot Ion: 63 Resp: 44827
 Ion Ratio Lower Upper
 63 100
 65 32.6 24.9 37.3



#46
 Dibromomethane
 Concen: 18.048 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. -0.00 min
 Lab File: VY001385.D
 Acq: 24 Jan 2020 16:17

Tgt Ion: 93 Resp: 23930
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.5 99.7
 174 95.7 77.9 116.9





#47

Bromodichloromethane

Concen: 18.450 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VY001385.D

Acq: 24 Jan 2020 16:17

Instrument :

MSVOA_Y

ClientSampleId :

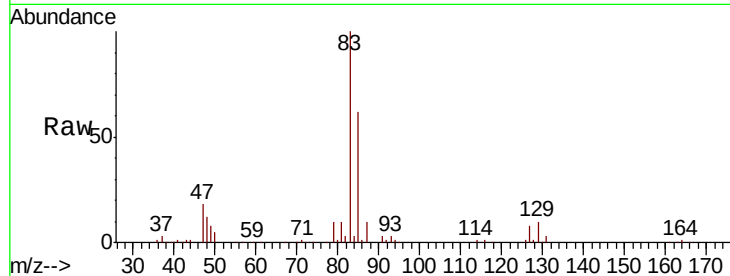
Tot Ion: 83 Resp: 58479

Ion Ratio Lower Upper

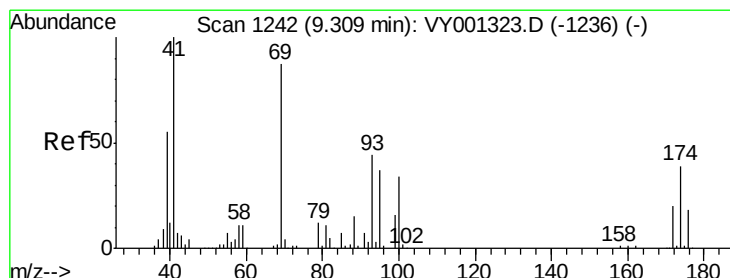
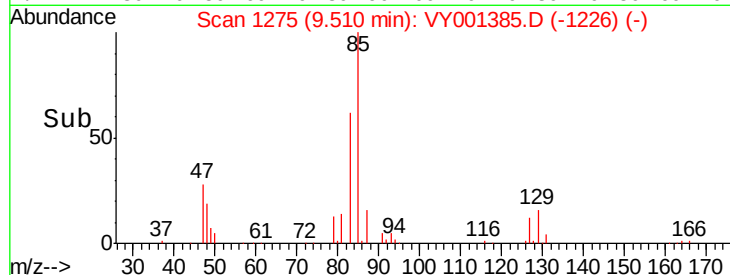
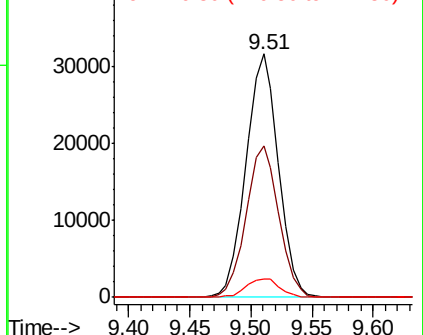
83 100

85 62.4 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: 18.773 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY001385.D

Acq: 24 Jan 2020 16:17

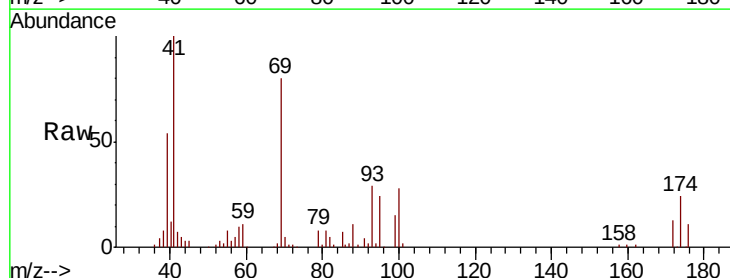
Tgt Ion: 41 Resp: 33036

Ion Ratio Lower Upper

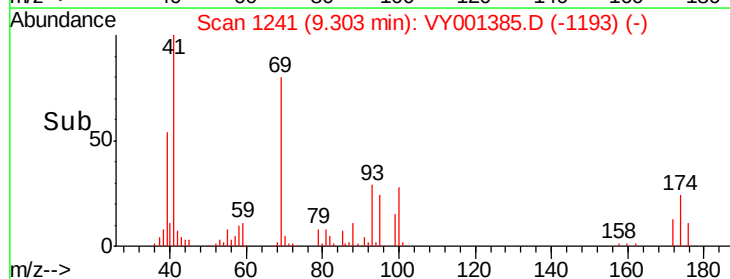
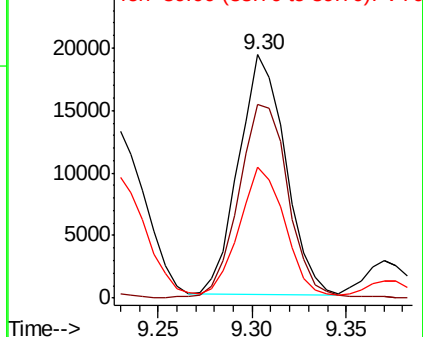
41 100

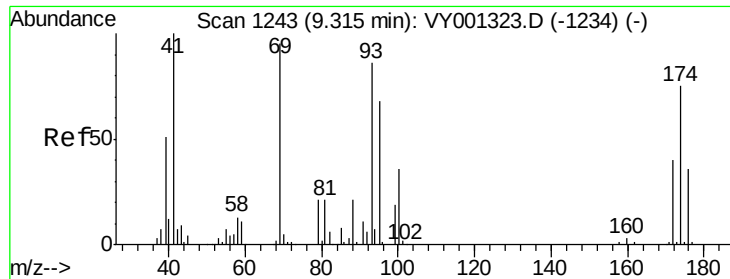
69 86.4 70.2 105.4

39 51.3 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: 375.398 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.01 min

Lab File: VY001385.D

Acq: 24 Jan 2020 16:17

Instrument :
MSVOA_Y
ClientSampled :

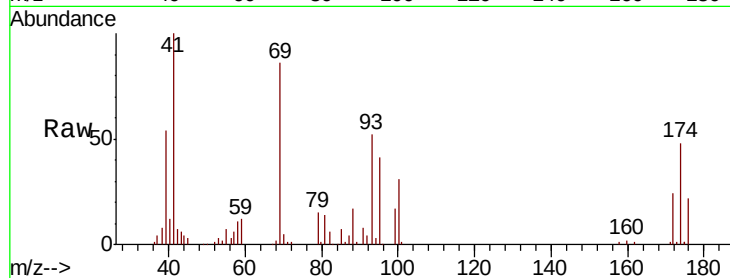
Tot Ion: 88 Resp: 7019

Ion Ratio Lower Upper

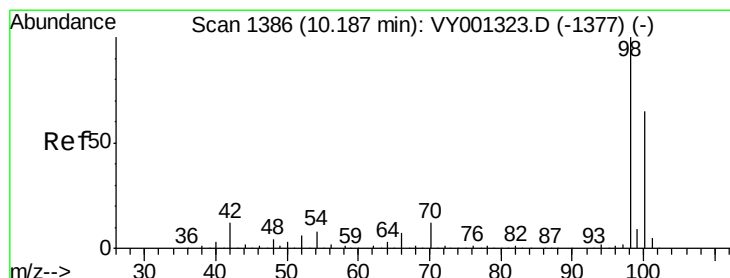
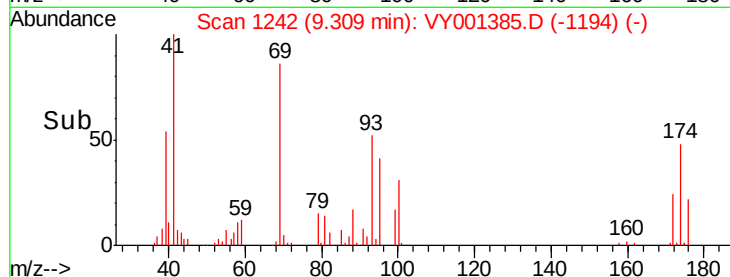
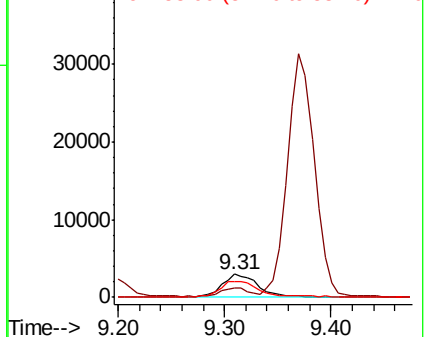
88 100

43 32.2 28.2 42.2

58 77.7 55.6 83.4



Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0



#50

Toluene-d8

Concen: 52.383 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY001385.D

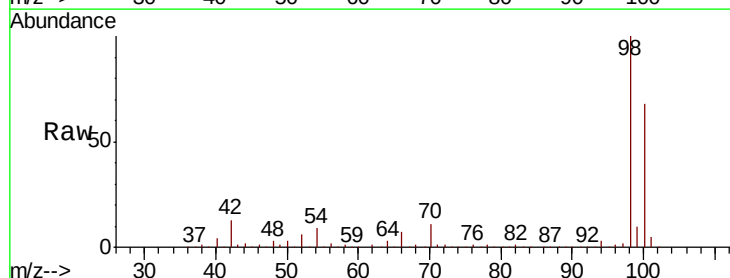
Acq: 24 Jan 2020 16:17

Tgt Ion: 98 Resp: 411953

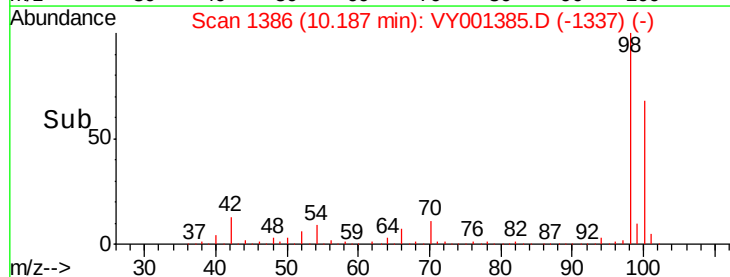
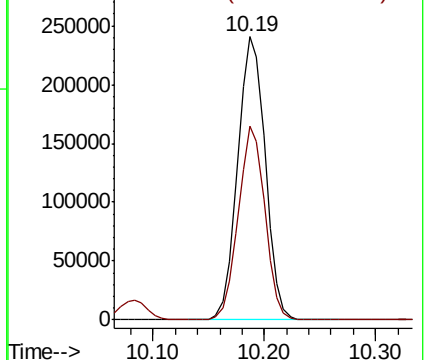
Ion Ratio Lower Upper

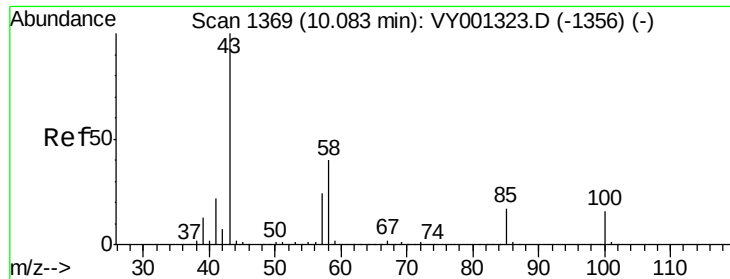
98 100

100 66.0 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0

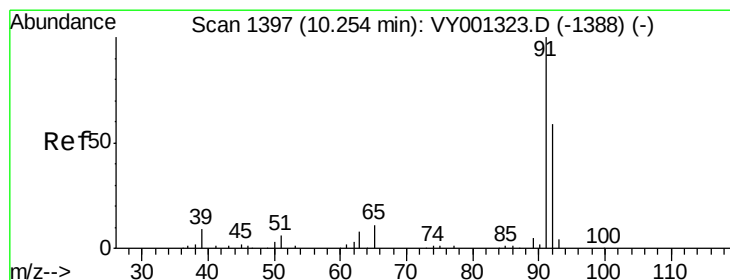
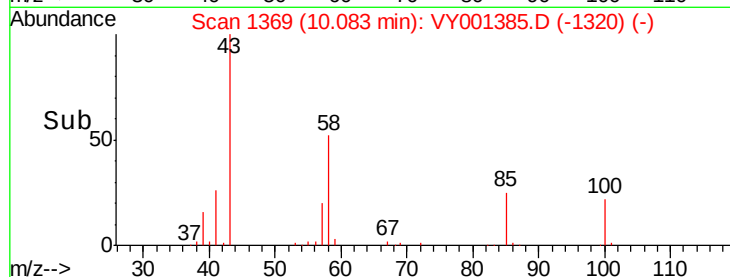
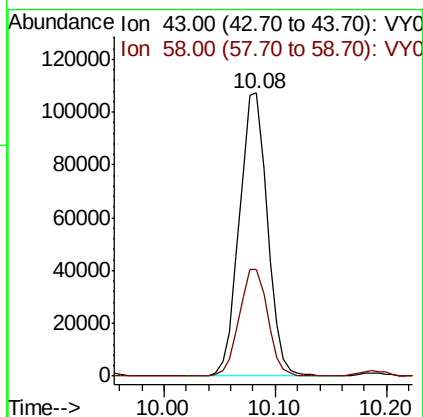
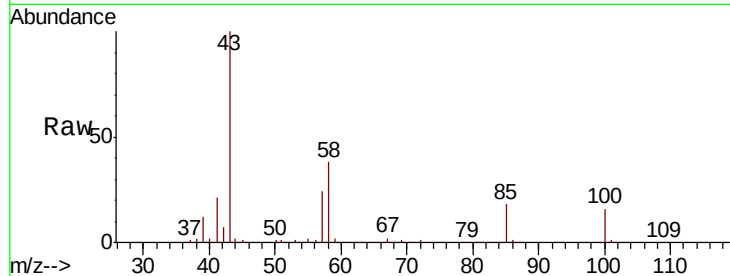




#51
4-Methyl-2-Pentanone
Concen: 94.015 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

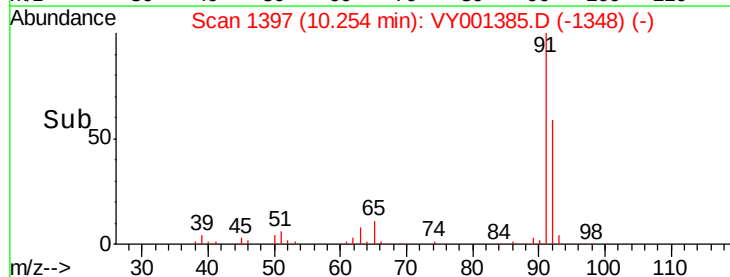
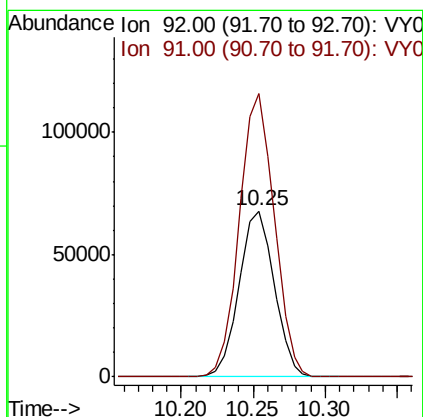
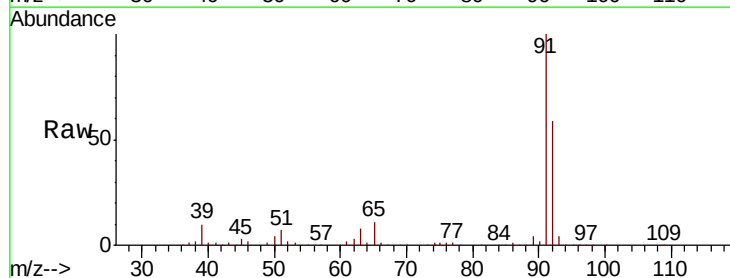
Instrument :
MSVOA_Y
ClientSampled :

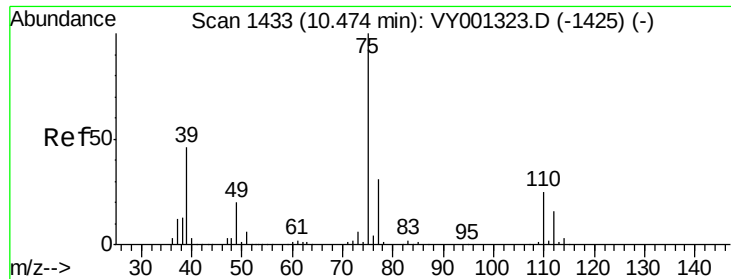
Tot Ion: 43 Resp: 187416
Ion Ratio Lower Upper
43 100
58 38.7 31.5 47.3



#52
Toluene
Concen: 18.566 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Tgt Ion: 92 Resp: 114978
Ion Ratio Lower Upper
92 100
91 169.9 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 18.142 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.00 min

Lab File: VY001385.D

Acq: 24 Jan 2020 16:17

Instrument :

MSVOA_Y

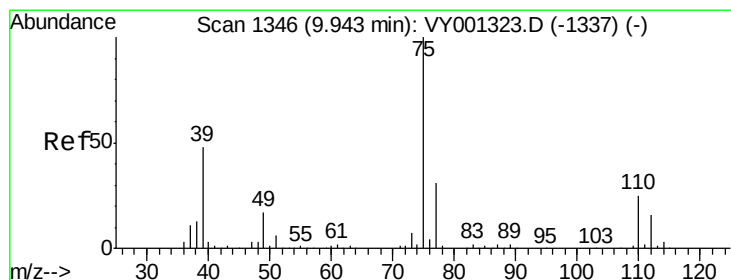
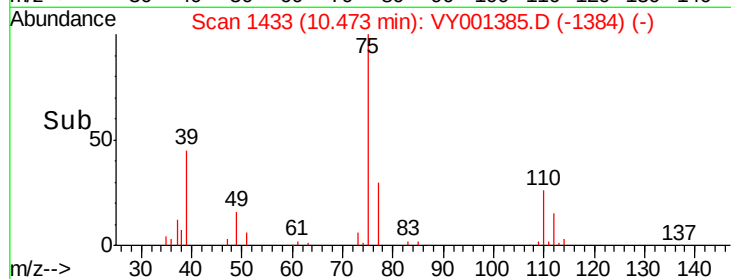
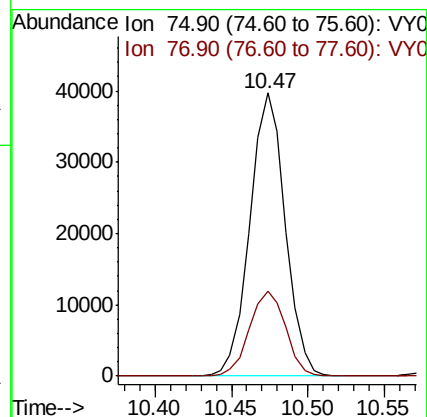
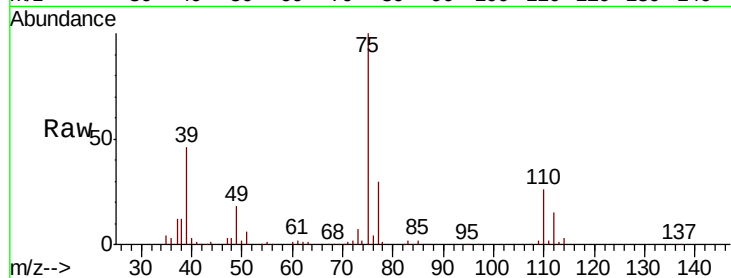
ClientSampleId :

Tot Ion: 75 Resp: 63736

Ion Ratio Lower Upper

75 100

77 30.2 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 18.143 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VY001385.D

Acq: 24 Jan 2020 16:17

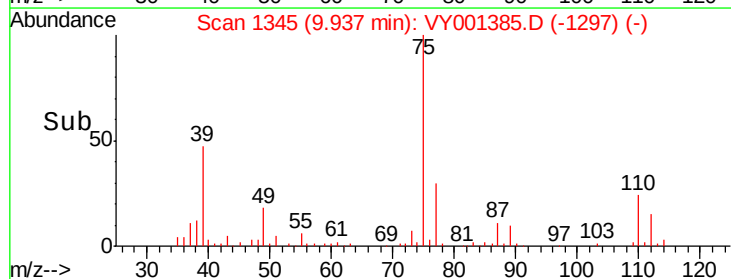
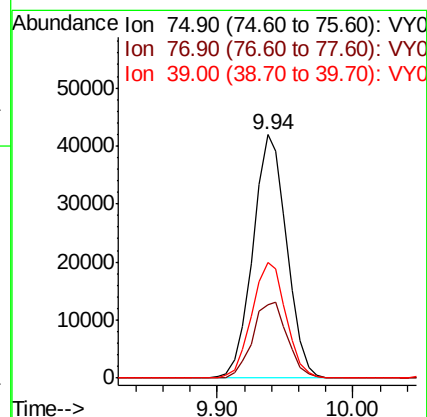
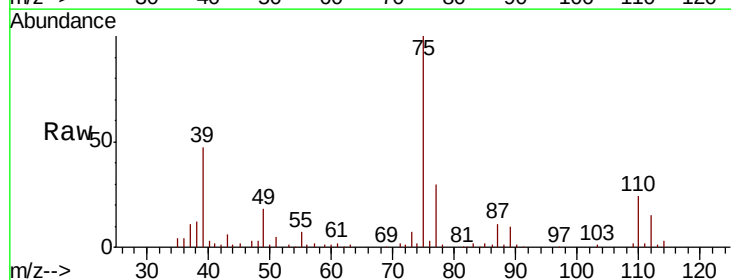
Tgt Ion: 75 Resp: 73158

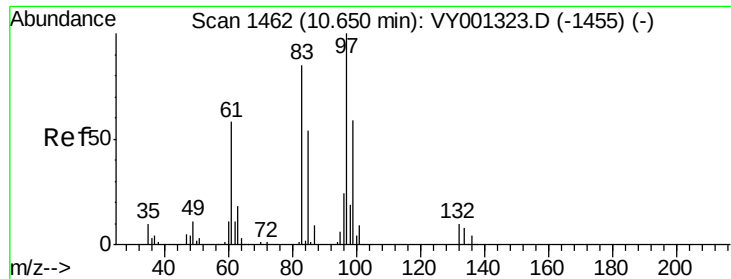
Ion Ratio Lower Upper

75 100

77 30.2 25.0 37.6

39 47.5 38.2 57.4

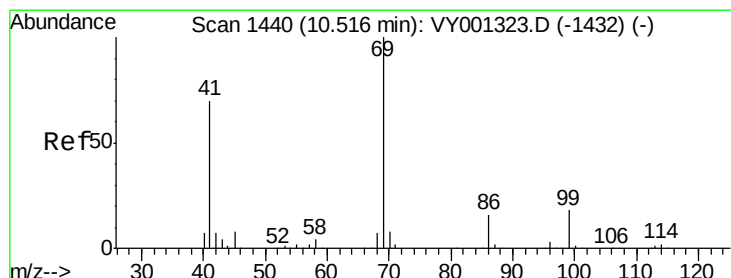
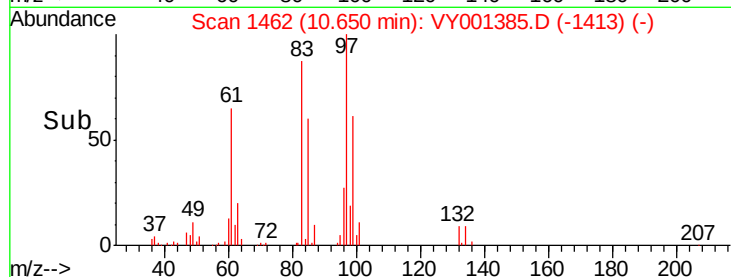
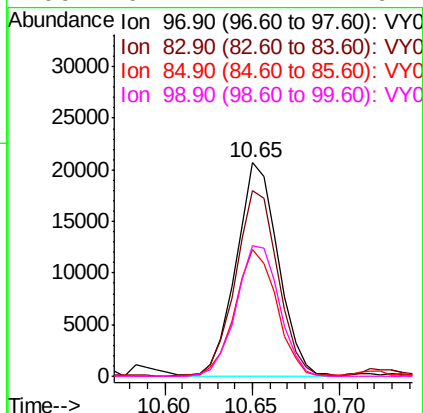
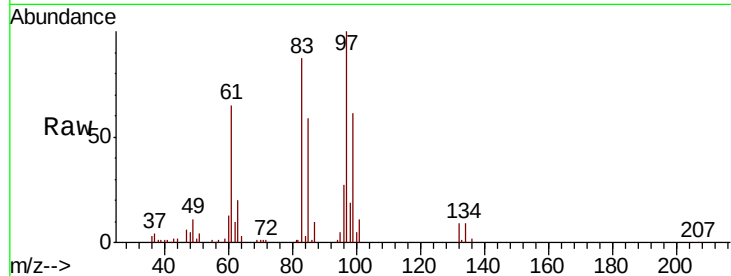




#55
 1,1,2-Trichloroethane
 Concen: 17.603 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: VY001385.D
 Acq: 24 Jan 2020 16:17

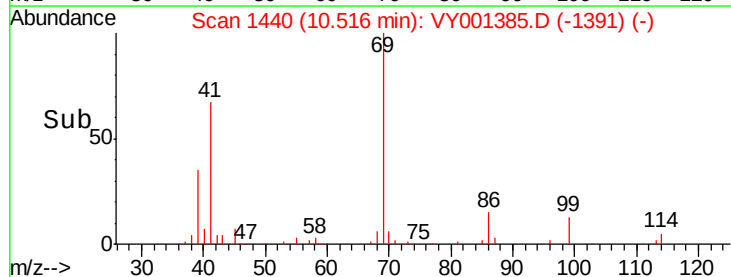
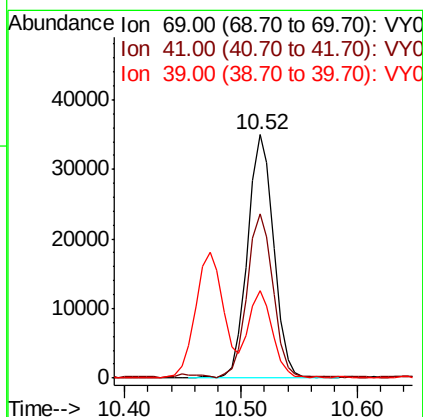
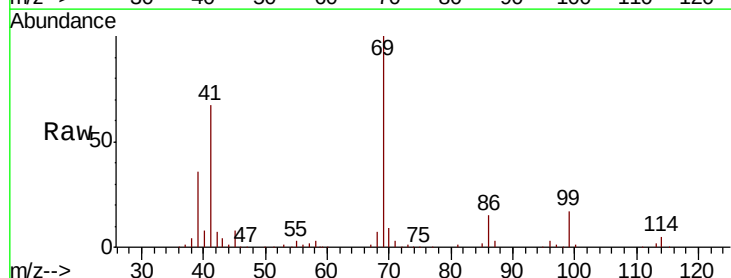
Instrument :
 MSVOA_Y
 ClientSampled :

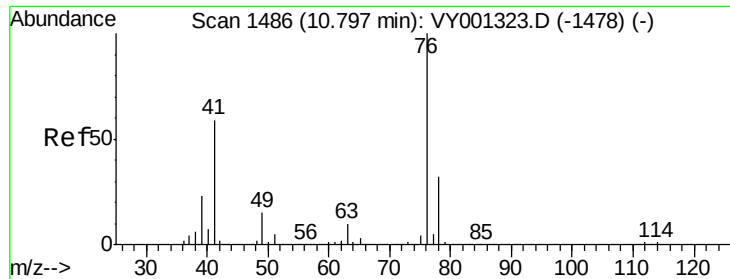
Tot Ion: 97 Resp: 34448
 Ion Ratio Lower Upper
 97 100
 83 87.4 68.0 102.0
 85 59.1 43.6 65.4
 99 61.1 47.1 70.7



#56
 Ethyl methacrylate
 Concen: 18.464 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VY001385.D
 Acq: 24 Jan 2020 16:17

Tgt Ion: 69 Resp: 54614
 Ion Ratio Lower Upper
 69 100
 41 66.5 54.1 81.1
 39 32.5 26.8 40.2





#57

1,3-Dichloropropane

Concen: 18.448 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VY001385.D

Acq: 24 Jan 2020 16:17

Instrument :

MSVOA_Y

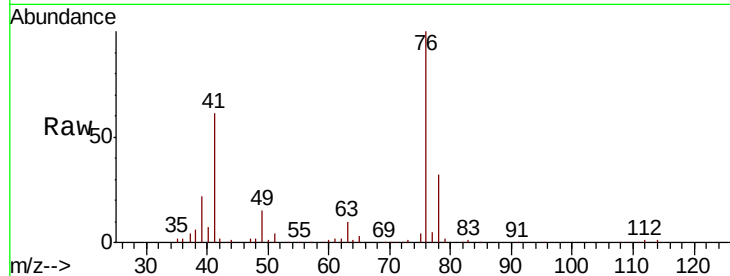
ClientSampled :

Tot Ion: 76 Resp: 62888

Ion Ratio Lower Upper

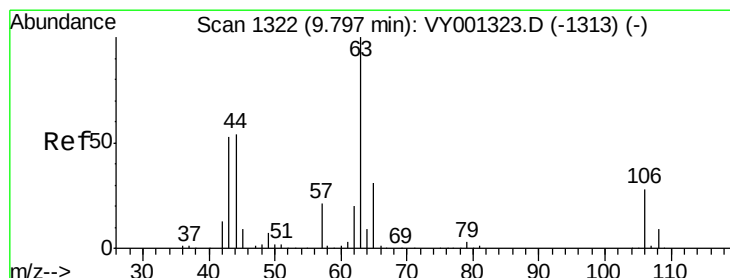
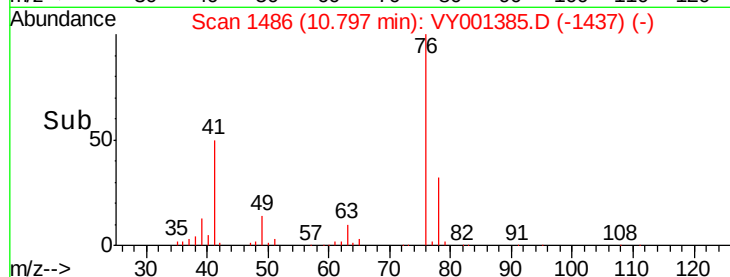
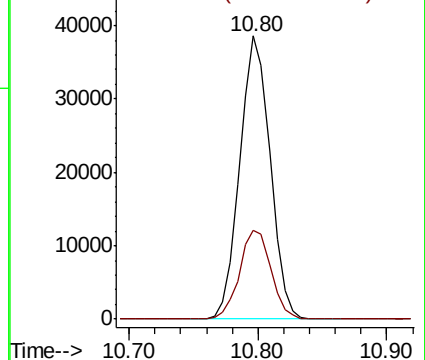
76 100

78 32.6 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 101.598 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.01 min

Lab File: VY001385.D

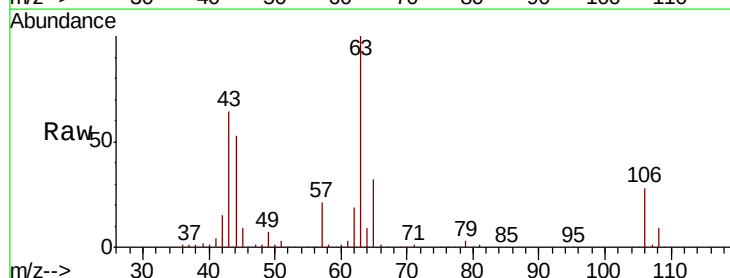
Acq: 24 Jan 2020 16:17

Tgt Ion: 63 Resp: 103986

Ion Ratio Lower Upper

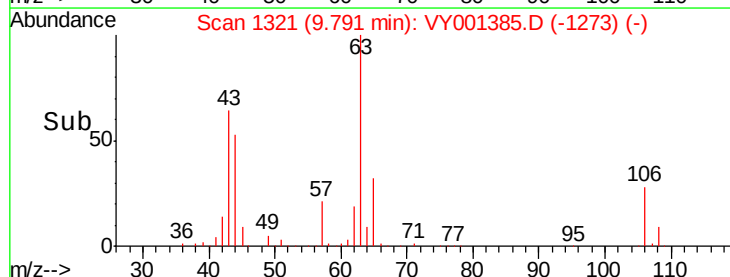
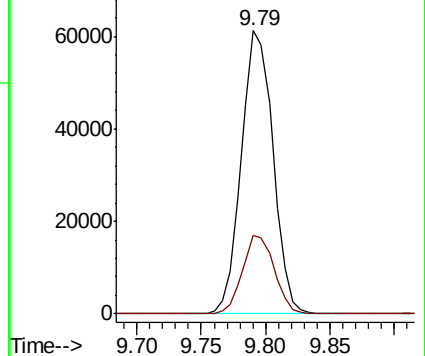
63 100

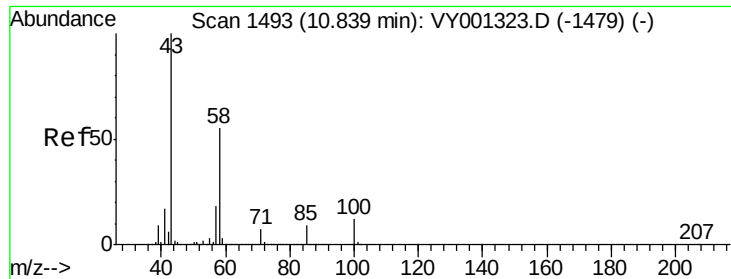
106 27.7 22.5 33.7



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

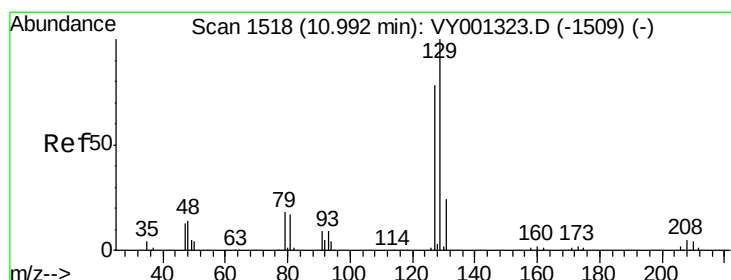
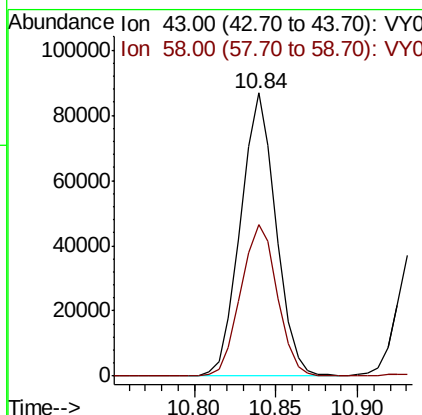
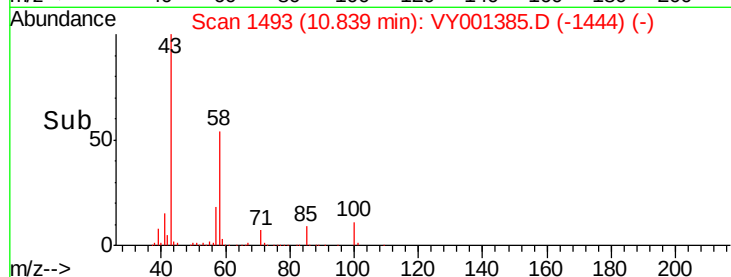
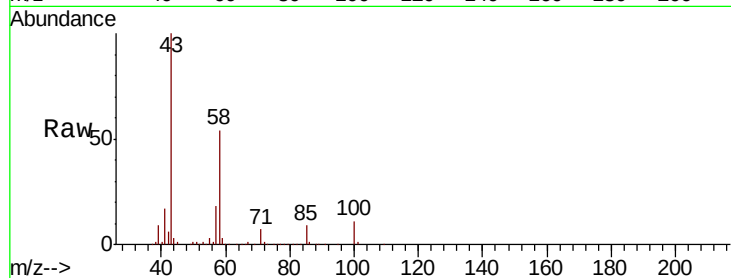




#59
2-Hexanone
Concen: 94.454 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

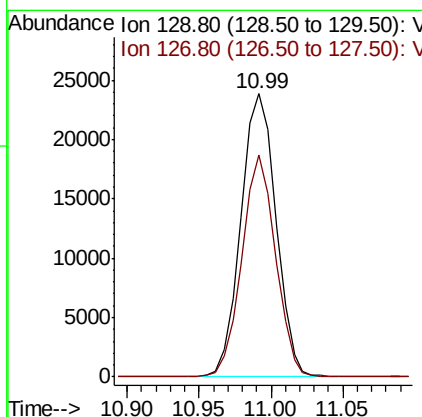
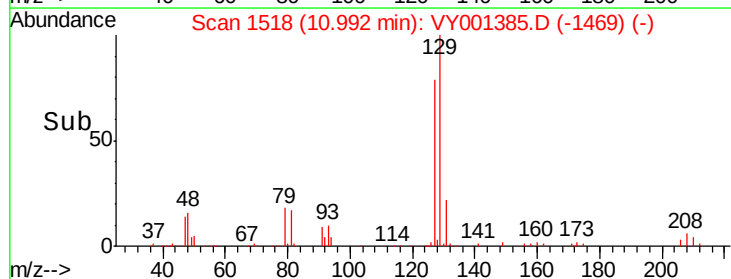
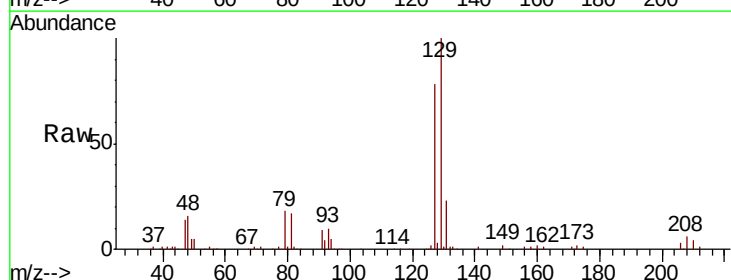
Instrument :
MSVOA_Y
ClientSampleId :

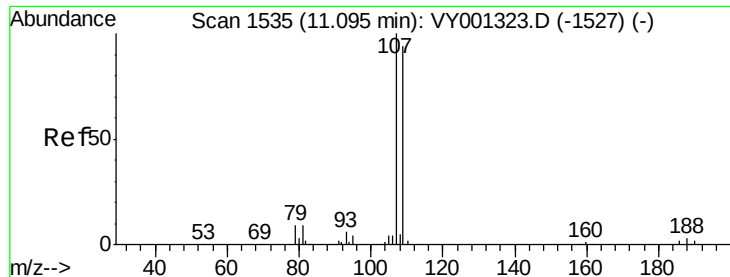
Tot Ion: 43 Resp: 131083
Ion Ratio Lower Upper
43 100
58 55.3 27.6 82.8



#60
Dibromochloromethane
Concen: 18.469 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Tgt Ion: 129 Resp: 40425
Ion Ratio Lower Upper
129 100
127 74.6 38.8 116.4

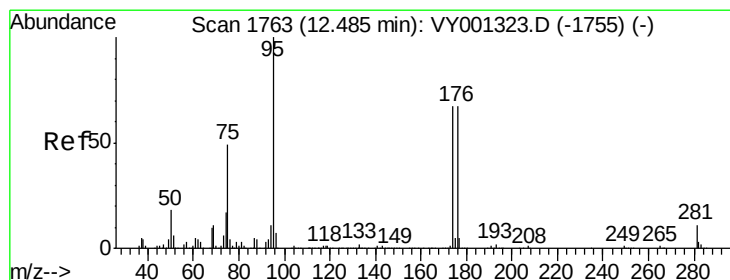
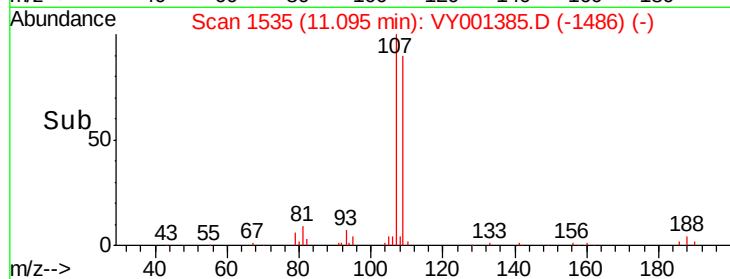
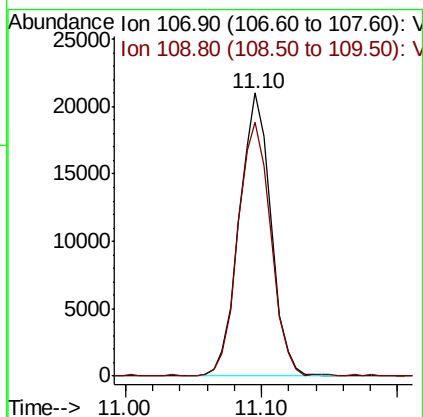
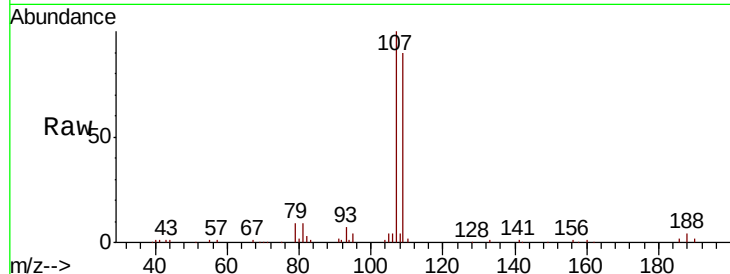




#61
 1,2-Dibromoethane
 Concen: 18.433 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VY001385.D
 Acq: 24 Jan 2020 16:17

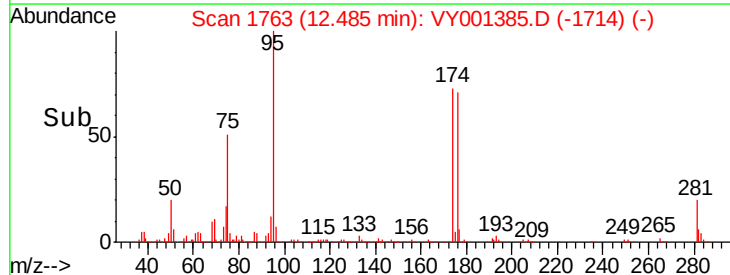
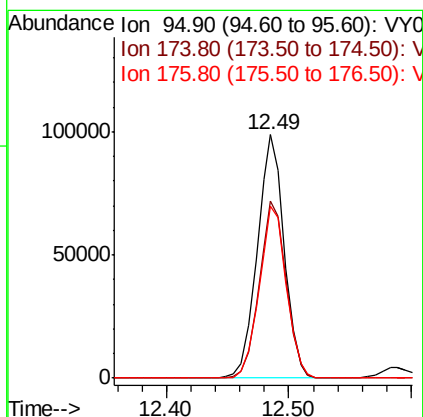
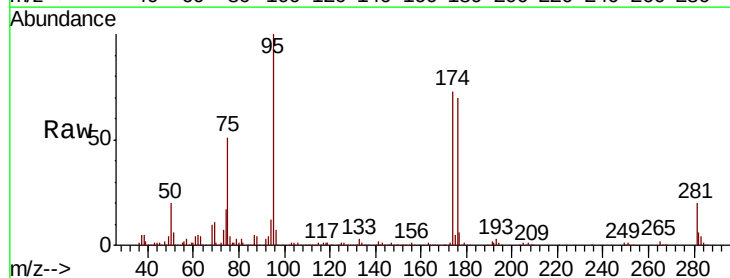
Instrument :
 MSVOA_Y
 ClientSampleId :

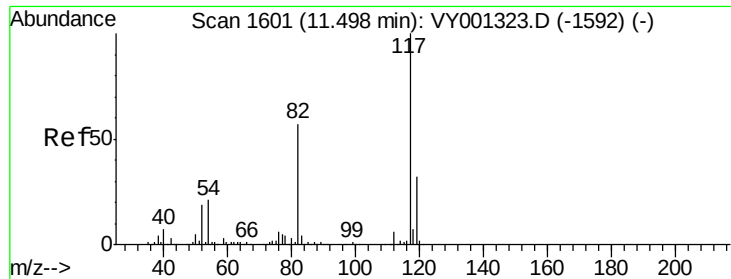
Tot Ion:107 Resp: 34102
 Ion Ratio Lower Upper
 107 100
 109 93.1 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 47.914 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.00 min
 Lab File: VY001385.D
 Acq: 24 Jan 2020 16:17

Tgt Ion: 95 Resp: 150056
 Ion Ratio Lower Upper
 95 100
 174 73.2 0.0 142.0
 176 71.3 0.0 138.6

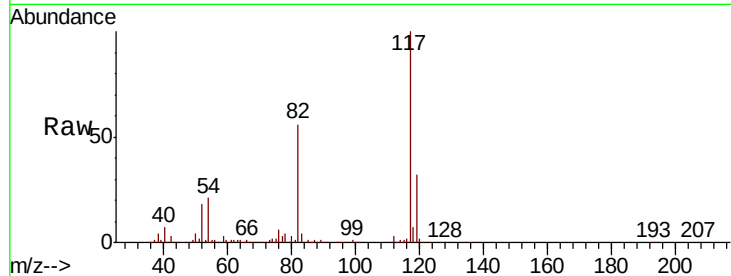




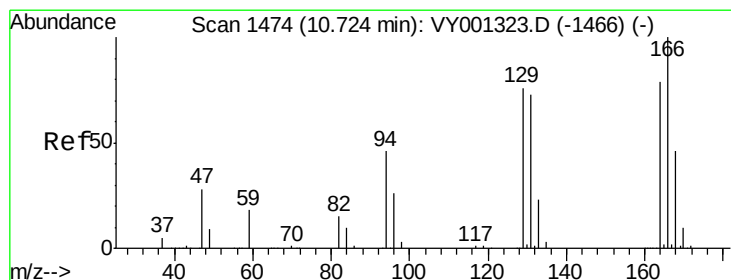
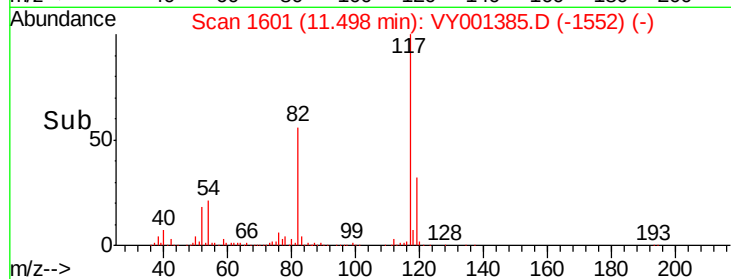
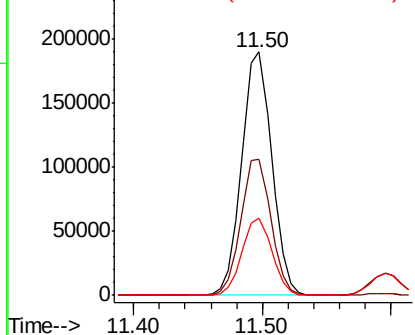
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 306105
Ion Ratio Lower Upper
117 100
82 56.0 45.5 68.3
119 31.8 25.8 38.6

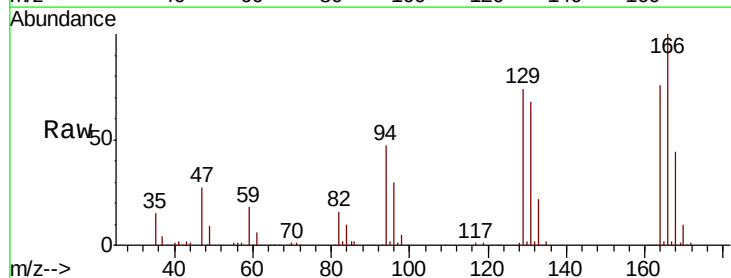


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

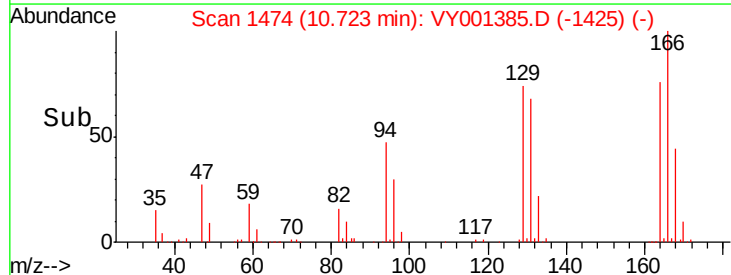
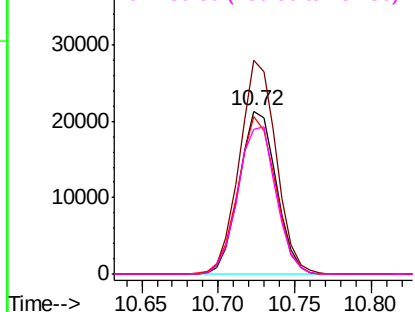


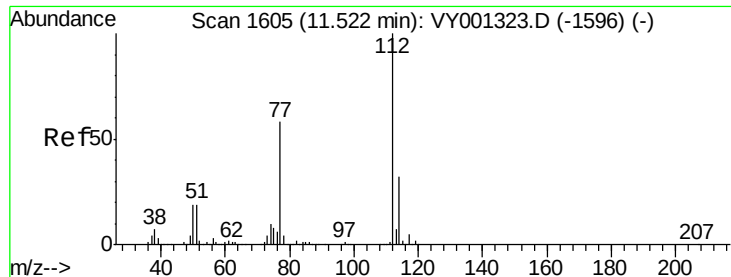
#64
Tetrachloroethene
Concen: 18.434 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Tgt Ion:164 Resp: 36044
Ion Ratio Lower Upper
164 100
166 131.2 101.8 152.8
129 96.6 77.1 115.7
131 89.1 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

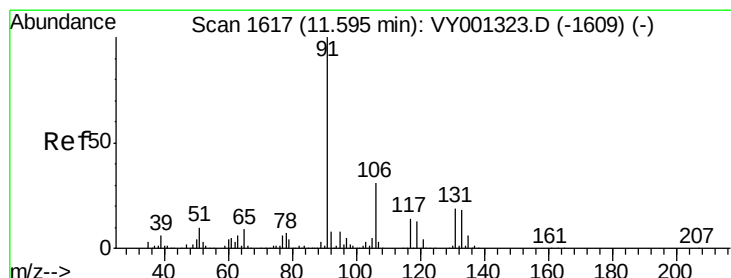
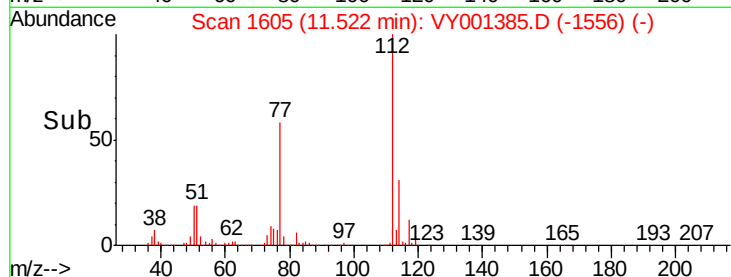
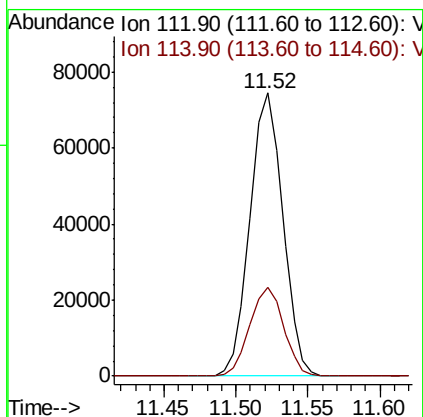
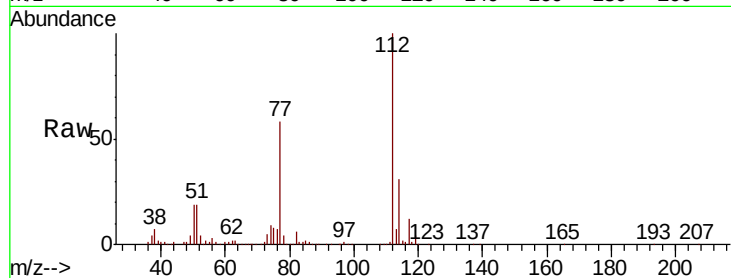




#65
Chlorobenzene
Concen: 18.269 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

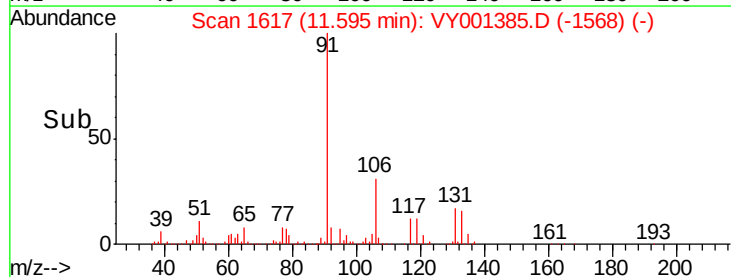
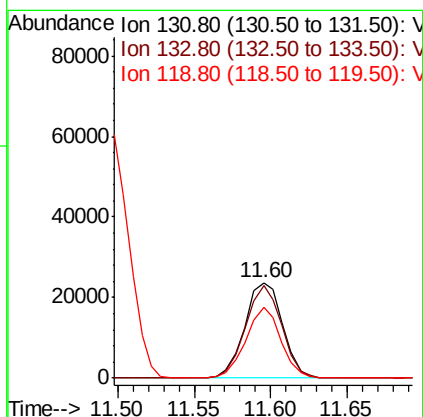
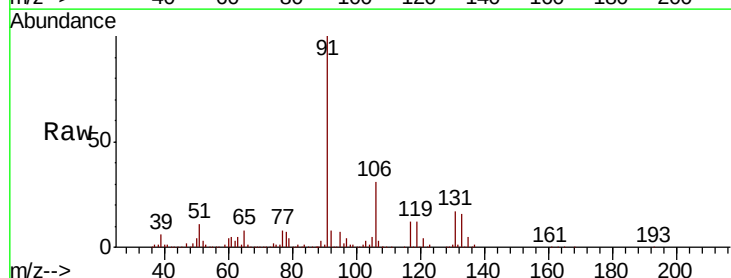
Instrument :
MSVOA_Y
ClientSampleId :

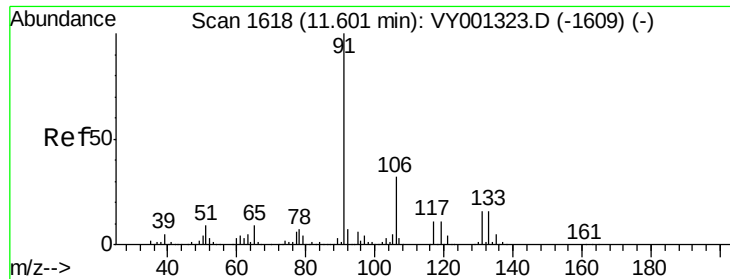
Tot Ion:112 Resp: 117874
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 18.446 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Tgt Ion:131 Resp: 40616
Ion Ratio Lower Upper
131 100
133 92.7 47.1 141.3
119 69.0 34.1 102.2





#67

Ethyl Benzene

Concen: 18.704 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VY001385.D

Acq: 24 Jan 2020 16:17

Instrument :

MSVOA_Y

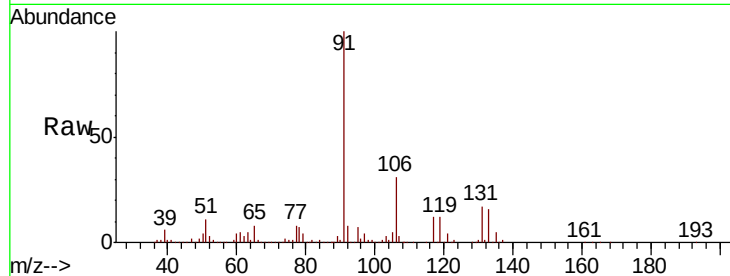
ClientSampled :

Tot Ion: 91 Resp: 222400

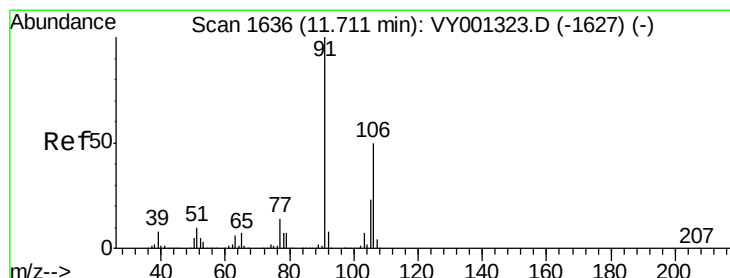
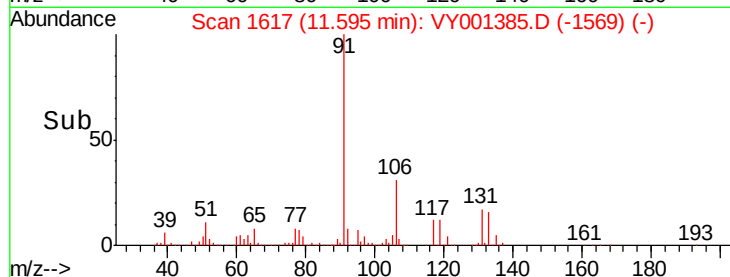
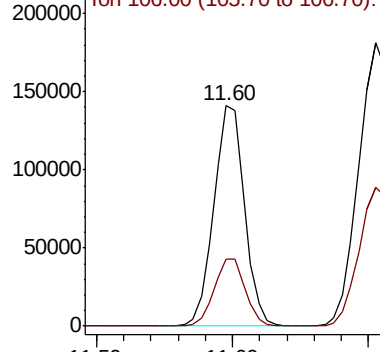
Ion Ratio Lower Upper

91 100

106 30.5 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VY001323.D (-1609) (-)



#68

m/p-Xylenes

Concen: 37.050 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VY001385.D

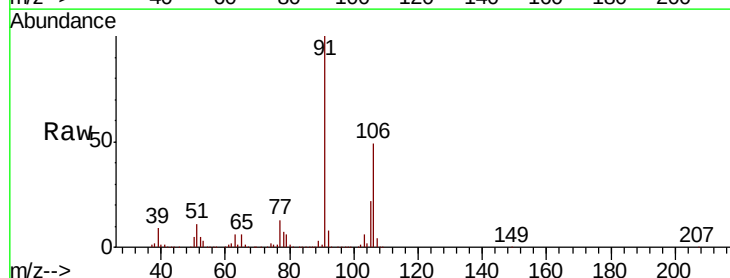
Acq: 24 Jan 2020 16:17

Tgt Ion: 106 Resp: 164543

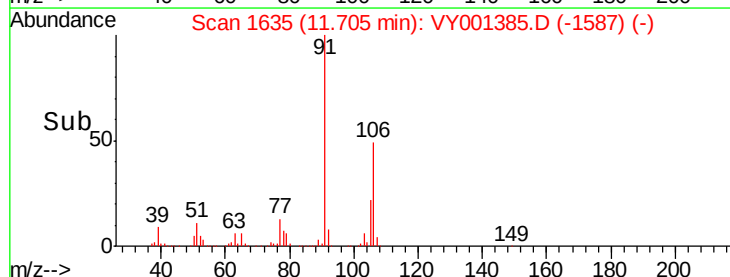
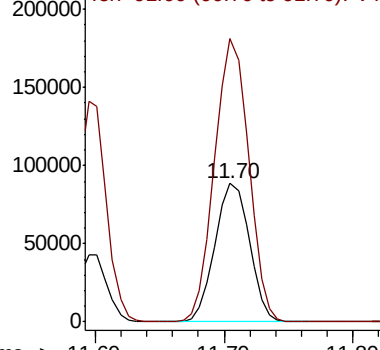
Ion Ratio Lower Upper

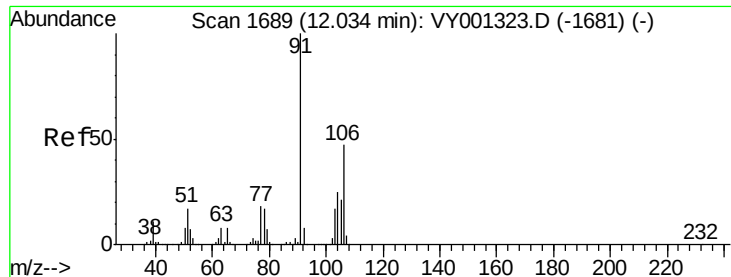
106 100

91 202.8 162.8 244.2



Abundance Ion 106.00 (105.70 to 106.70): VY001323.D (-1627) (-)

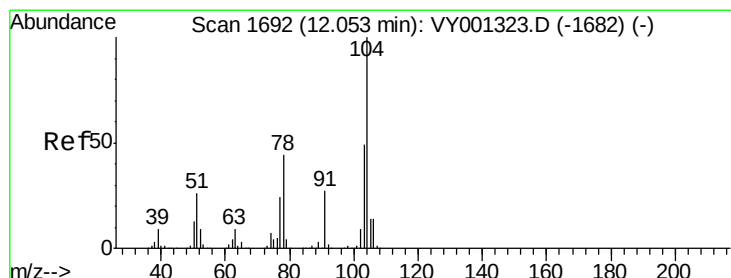
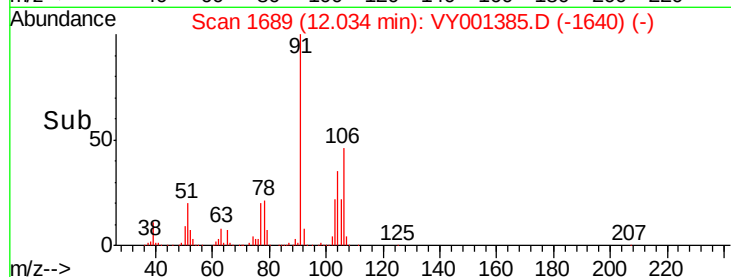
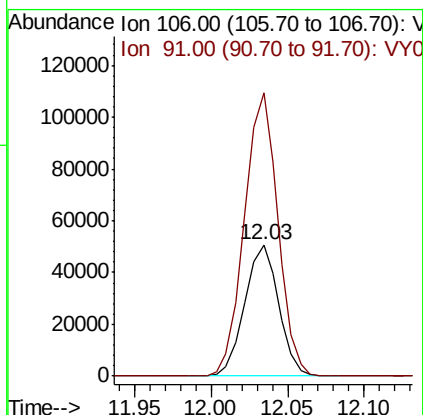
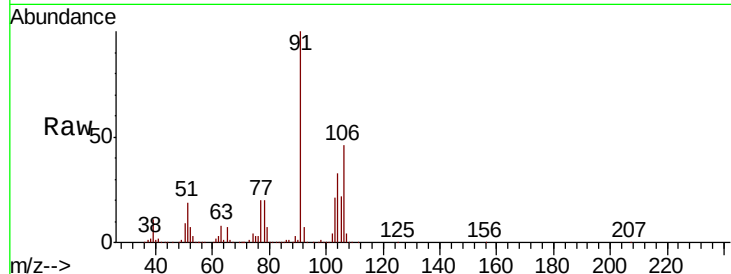




#69
o-Xylene
Concen: 18.337 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

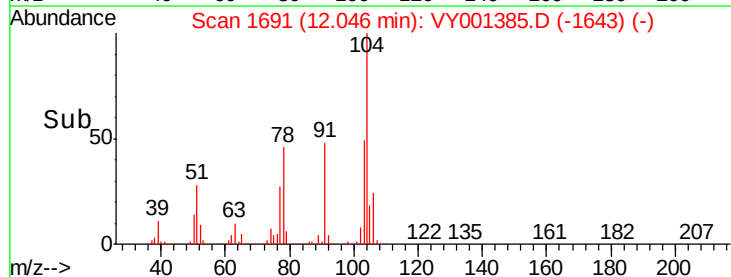
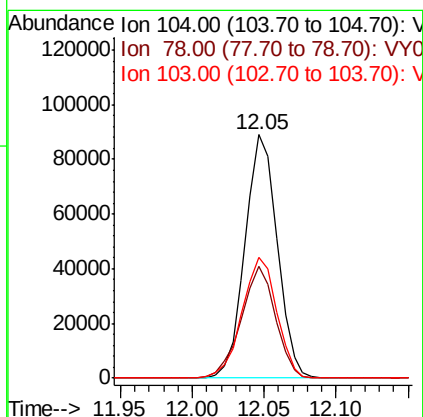
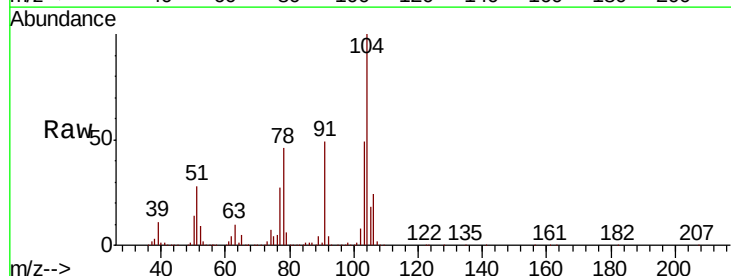
Instrument :
MSVOA_Y
ClientSampleId :

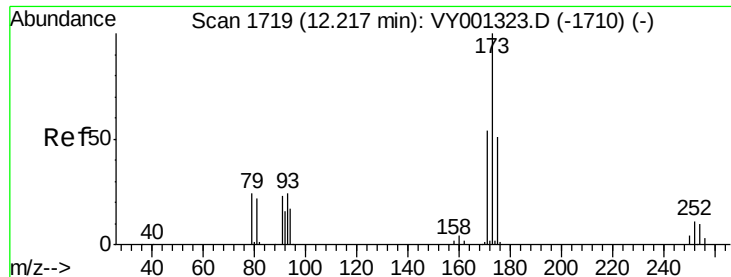
Tot Ion:106 Resp: 78340
Ion Ratio Lower Upper
106 100
91 213.0 106.3 319.0



#70
Styrene
Concen: 18.313 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Tgt Ion:104 Resp: 137270
Ion Ratio Lower Upper
104 100
78 49.0 39.8 59.8
103 53.6 43.2 64.8





#71

Bromoform

Concen: 17.591 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.01 min

Lab File: VY001385.D

Acq: 24 Jan 2020 16:17

Instrument :

MSVOA_Y

ClientSampleId :

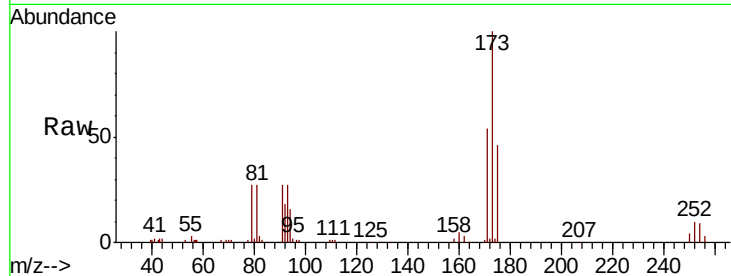
Tot Ion:173 Resp: 23122

Ion Ratio Lower Upper

173 100

175 47.5 24.3 72.9

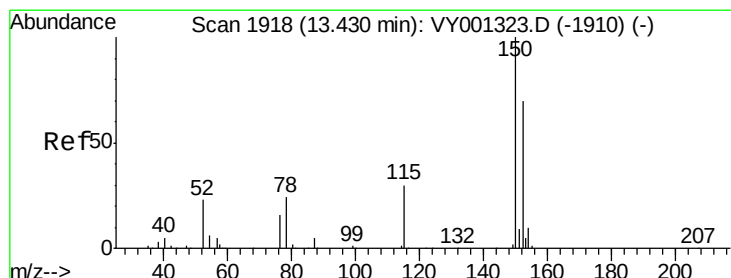
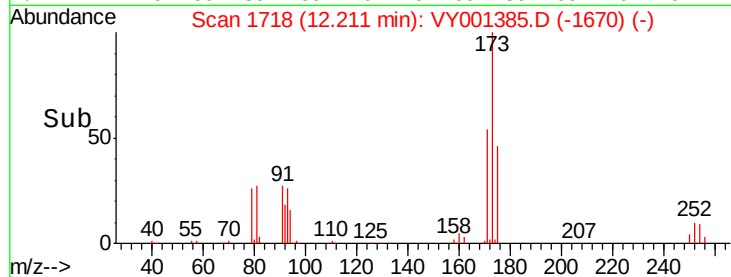
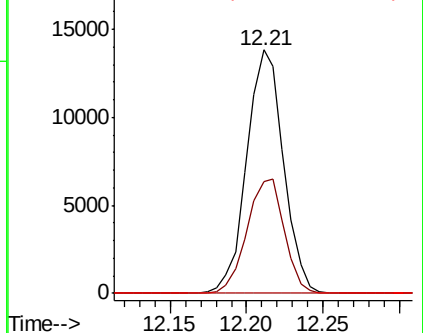
254 0.0 0.0 0.0



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: VY001385.D

Acq: 24 Jan 2020 16:17

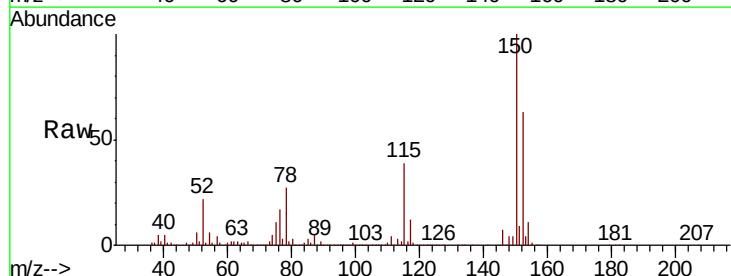
Tgt Ion:152 Resp: 145886

Ion Ratio Lower Upper

152 100

115 61.2 30.9 92.8

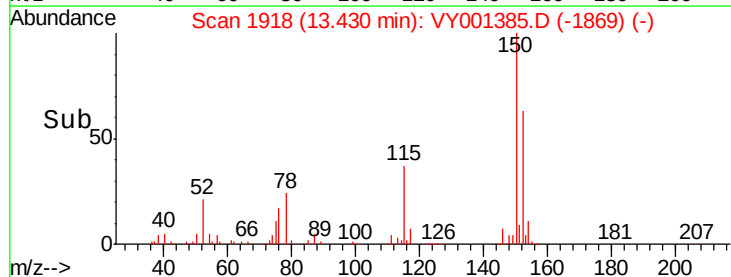
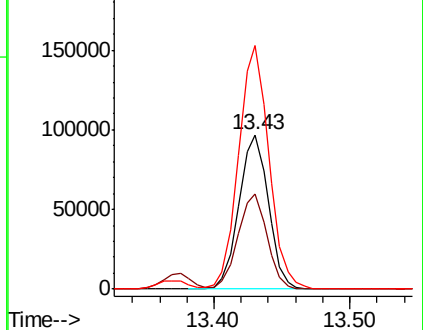
150 163.2 0.0 349.2

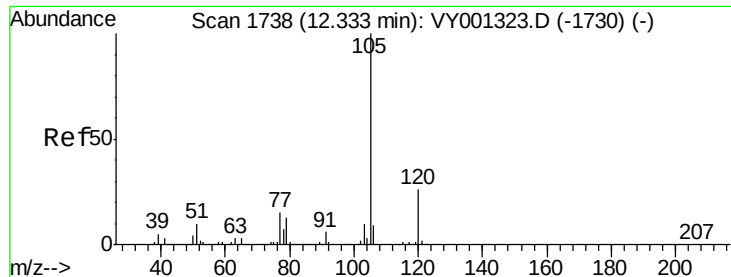


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.350 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VY001385.D

Acq: 24 Jan 2020 16:17

Instrument :

MSVOA_Y

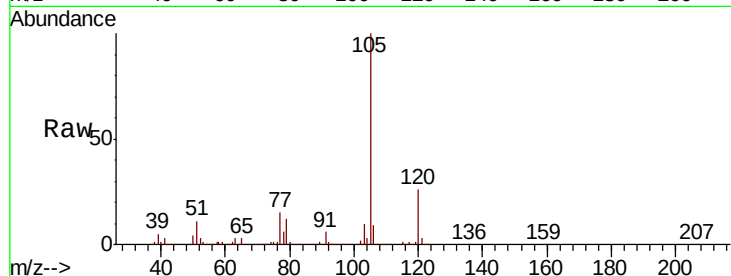
ClientSampleId :

Tot Ion:105 Resp: 211237

Ion Ratio Lower Upper

105 100

120 26.5 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

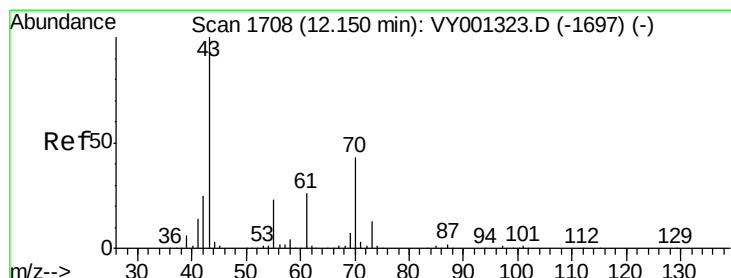
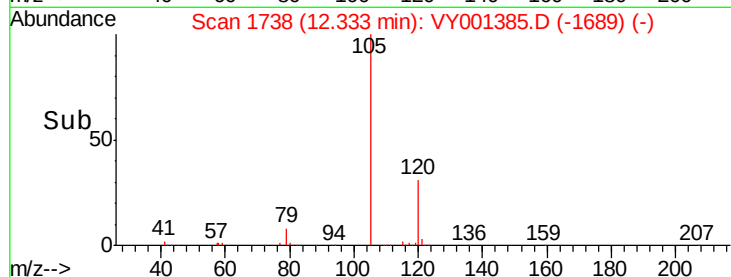
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 18.066 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.01 min

Lab File: VY001385.D

Acq: 24 Jan 2020 16:17

Tgt Ion: 43 Resp: 68075

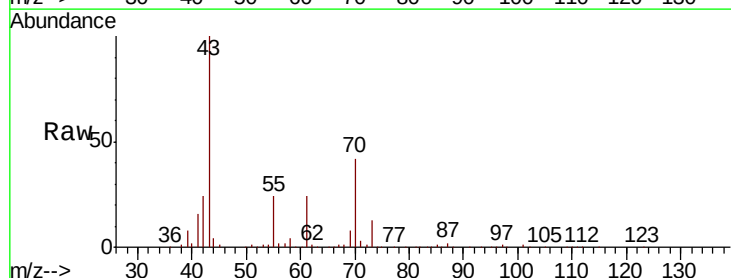
Ion Ratio Lower Upper

43 100

70 41.9 33.5 50.3

55 23.1 18.2 27.2

61 23.8 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

12.14

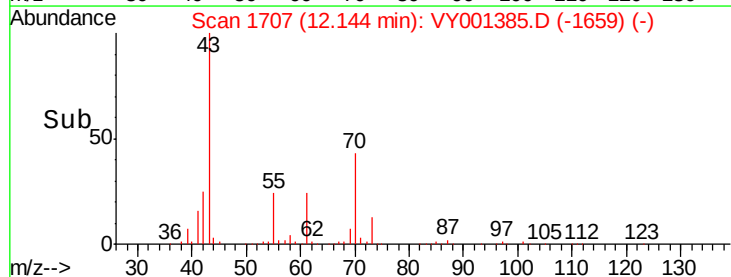
60000

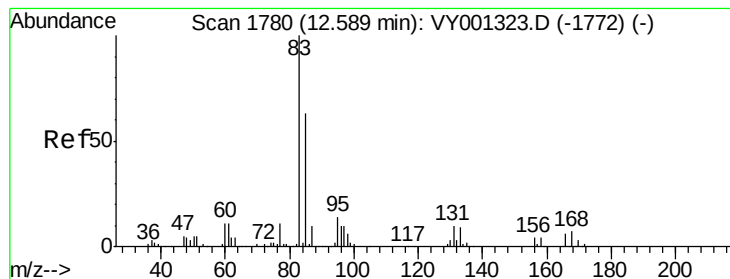
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.002 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VY001385.D

Acq: 24 Jan 2020 16:17

Instrument :

MSVOA_Y

ClientSampleId :

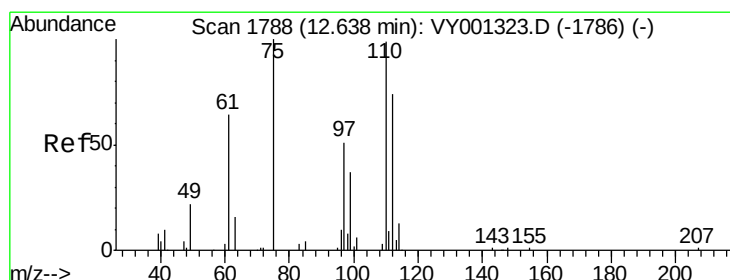
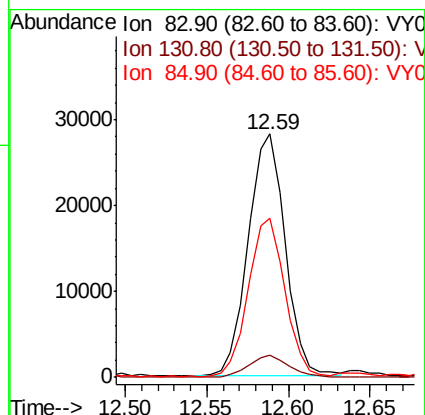
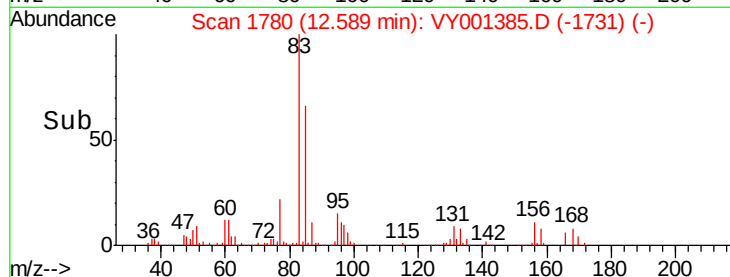
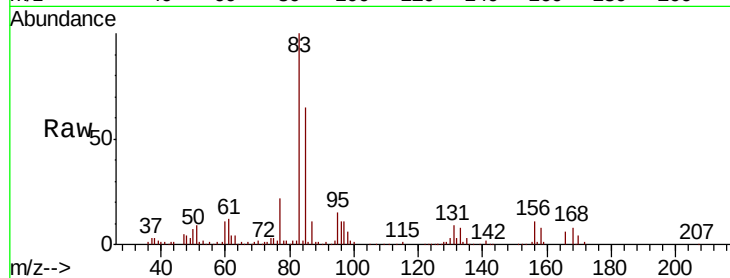
Tot Ion: 83 Resp: 44382

Ion Ratio Lower Upper

83 100

131 10.2 4.9 14.6

85 64.8 31.4 94.3



#76

1,2,3-Trichloropropane

Concen: 33.841 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VY001385.D

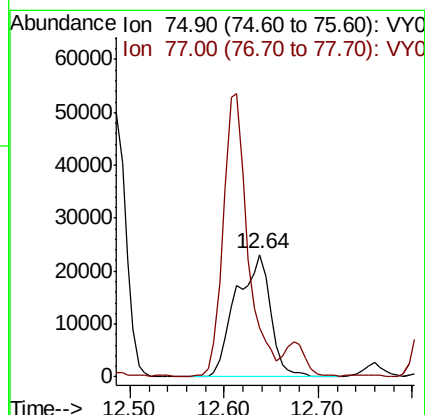
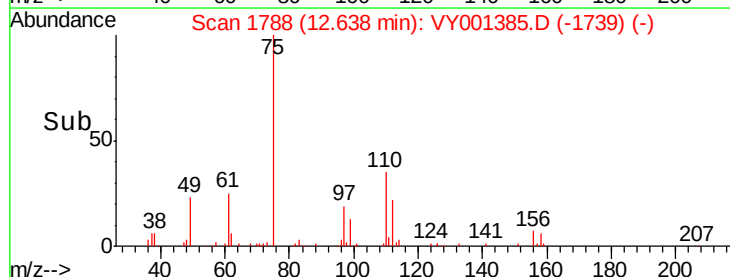
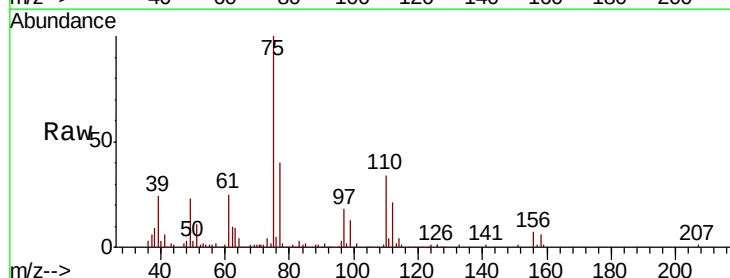
Acq: 24 Jan 2020 16:17

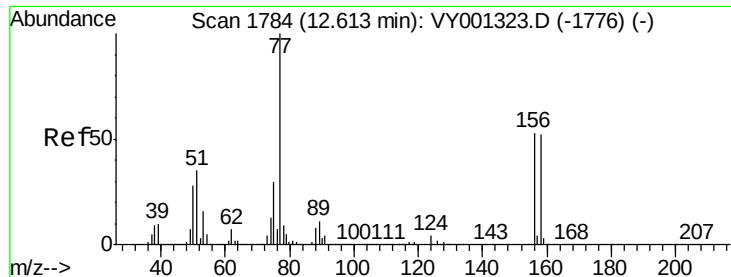
Tgt Ion: 75 Resp: 59490

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 17.999 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VY001385.D

Acq: 24 Jan 2020 16:17

Instrument :

MSVOA_Y

ClientSampled :

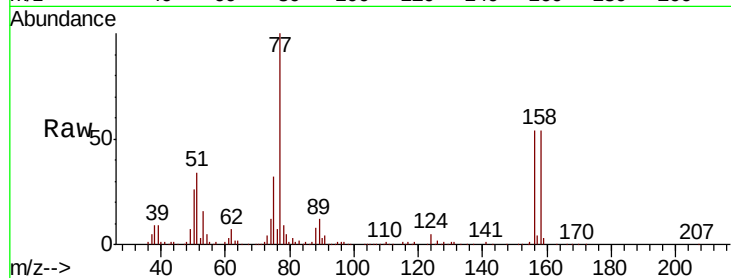
Tot Ion:156 Resp: 45893

Ion Ratio Lower Upper

156 100

77 210.8 104.7 313.9

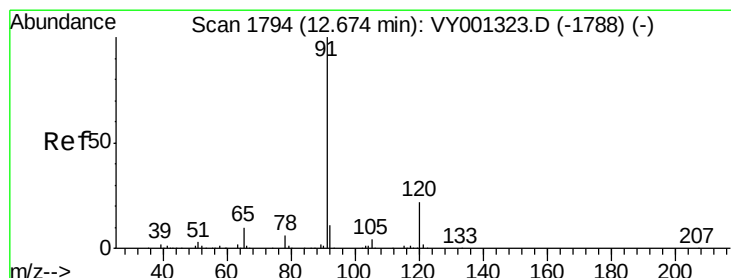
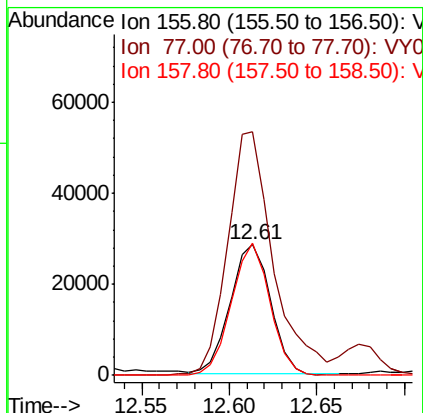
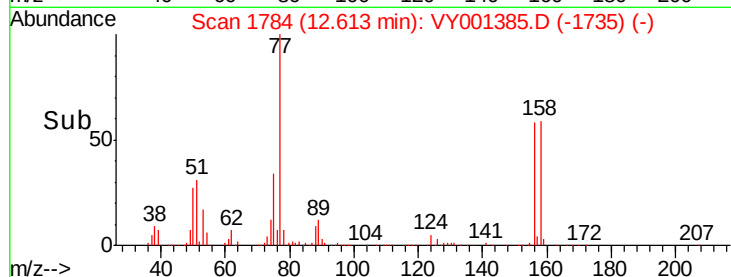
158 97.0 48.6 145.8



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: 18.662 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VY001385.D

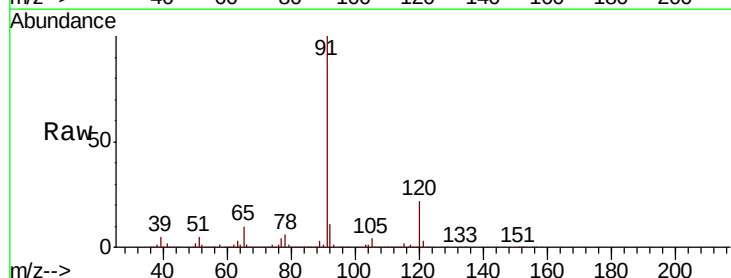
Acq: 24 Jan 2020 16:17

Tgt Ion: 91 Resp: 258578

Ion Ratio Lower Upper

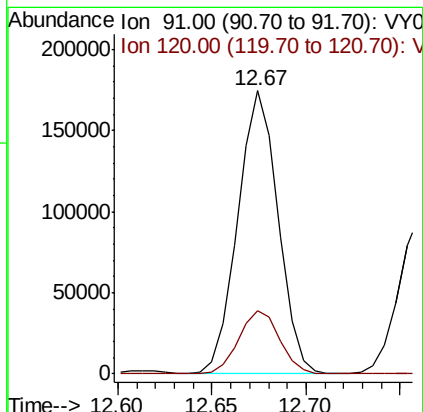
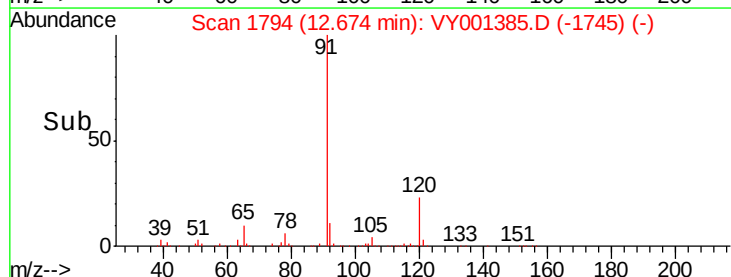
91 100

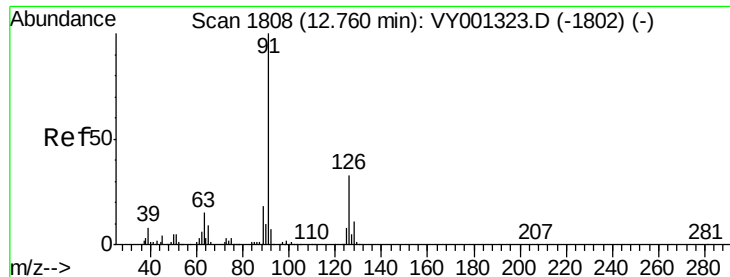
120 22.8 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

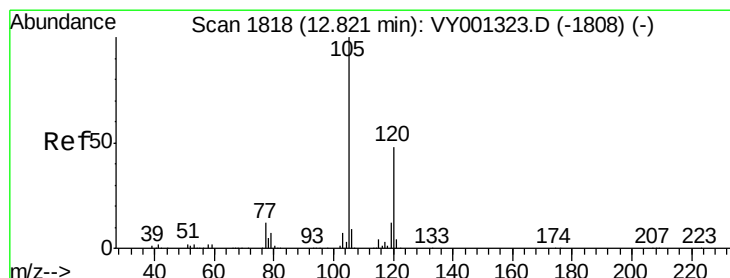
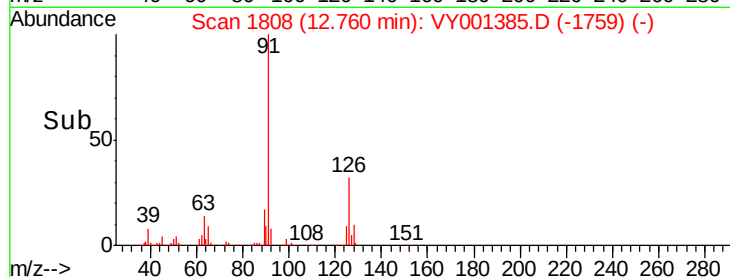
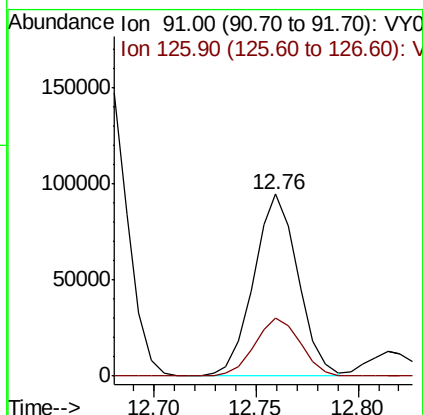
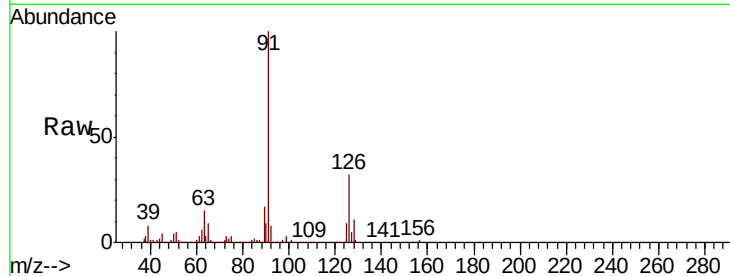




#79
 2-Chlorotoluene
 Concen: 18.017 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. -0.00 min
 Lab File: VY001385.D
 Acq: 24 Jan 2020 16:17

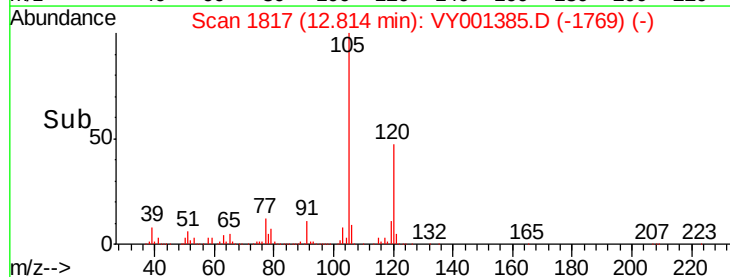
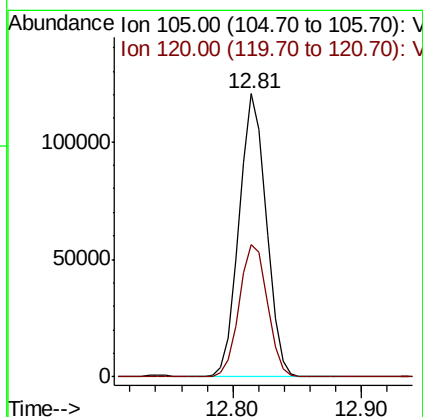
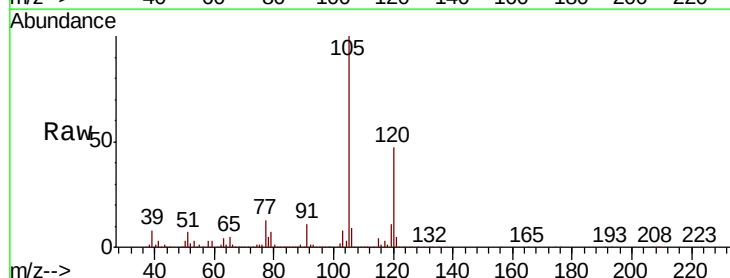
Instrument :
 MSVOA_Y
 ClientSampleId :

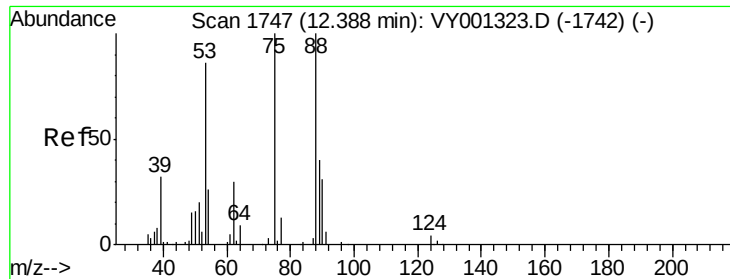
Tot Ion: 91 Resp: 142612
 Ion Ratio Lower Upper
 91 100
 126 33.1 16.6 49.7



#80
 1,3,5-Trimethylbenzene
 Concen: 18.351 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: VY001385.D
 Acq: 24 Jan 2020 16:17

Tgt Ion: 105 Resp: 176331
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 17.353 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VY001385.D

Acq: 24 Jan 2020 16:17

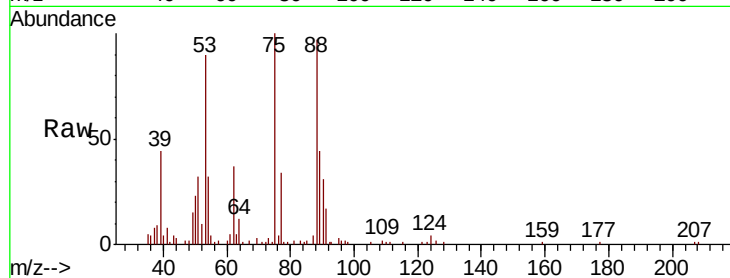
Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 75 Resp: 16120

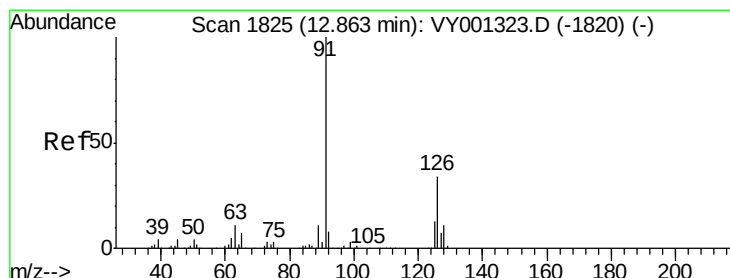
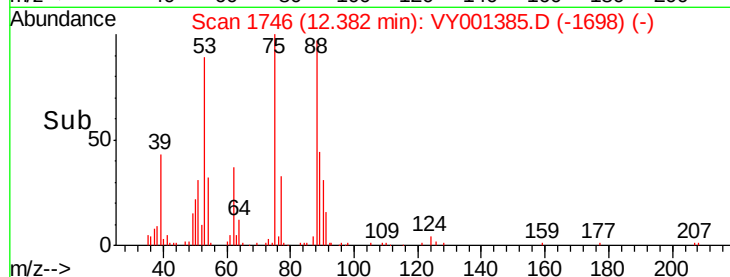
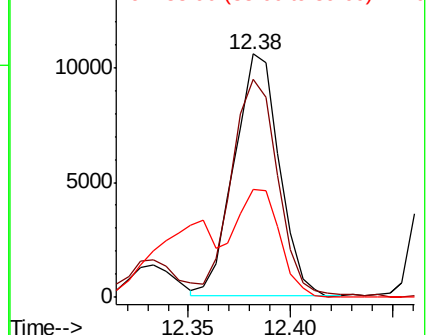
Ion	Ratio	Lower	Upper
75	100		
53	93.3	69.9	104.9
89	45.1	36.6	54.8



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: 17.720 ug/l

RT: 12.86 min Scan# 1824

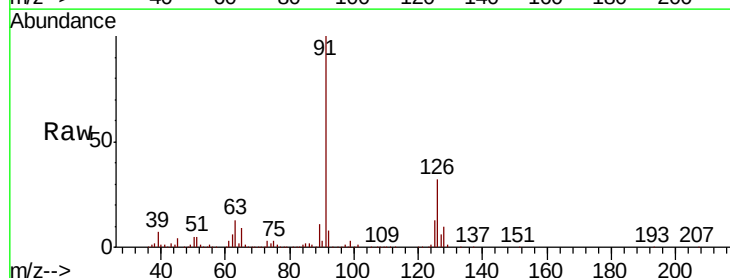
Delta R.T. -0.01 min

Lab File: VY001385.D

Acq: 24 Jan 2020 16:17

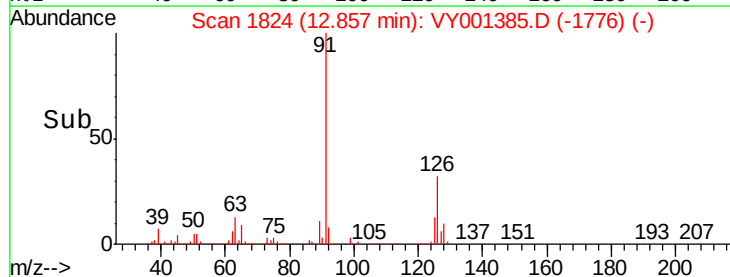
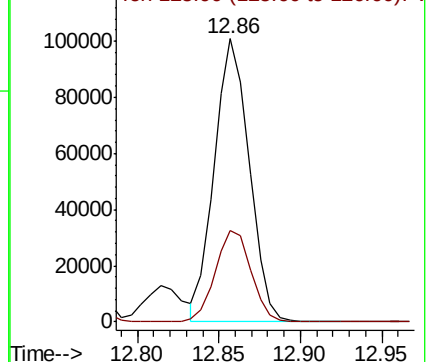
Tgt Ion: 91 Resp: 149824

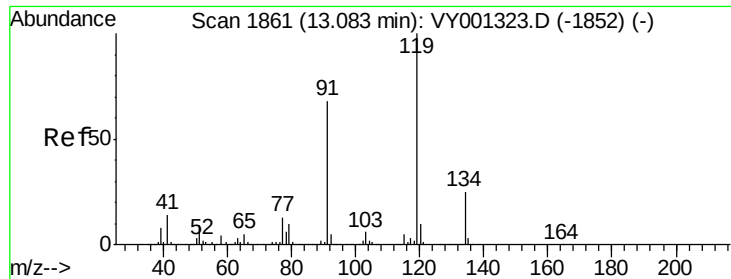
Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.4	49.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 18.191 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. -0.01 min

Lab File: VY001385.D

Acq: 24 Jan 2020 16:17

Instrument :

MSVOA_Y

ClientSampleId :

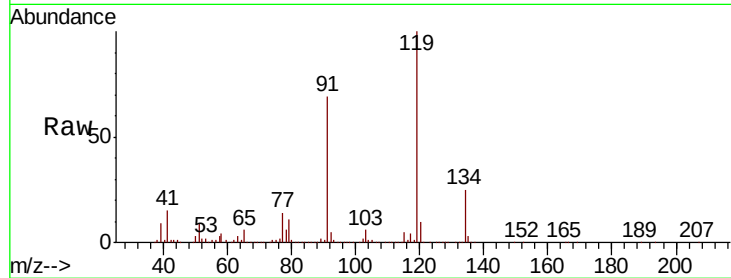
Tot Ion:119 Resp: 147343

Ion Ratio Lower Upper

119 100

91 68.8 33.0 99.0

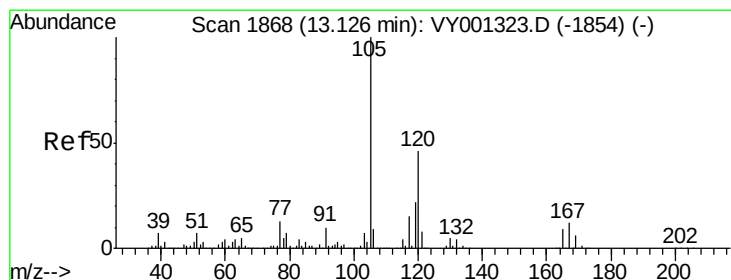
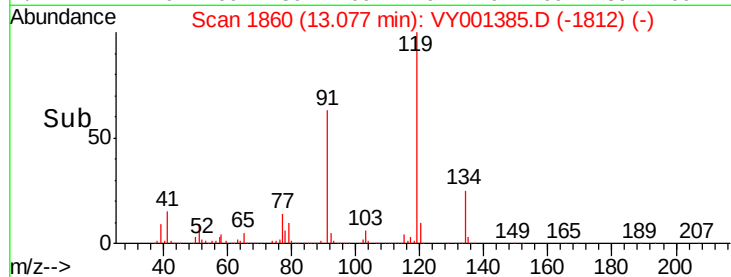
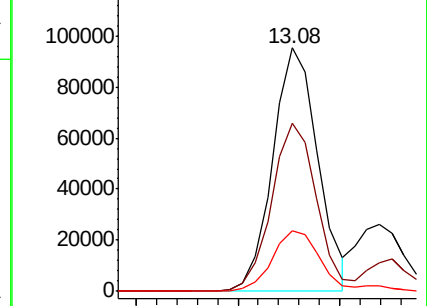
134 27.4 13.3 39.9



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: 18.471 ug/l

RT: 13.13 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VY001385.D

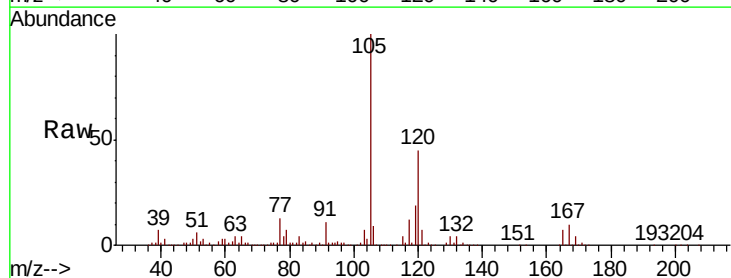
Acq: 24 Jan 2020 16:17

Tgt Ion:105 Resp: 178196

Ion Ratio Lower Upper

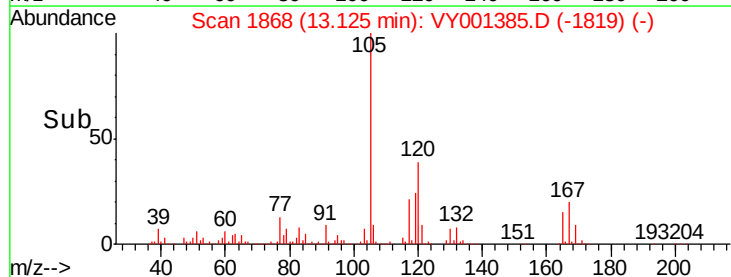
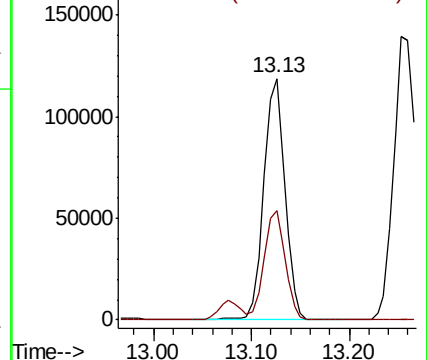
105 100

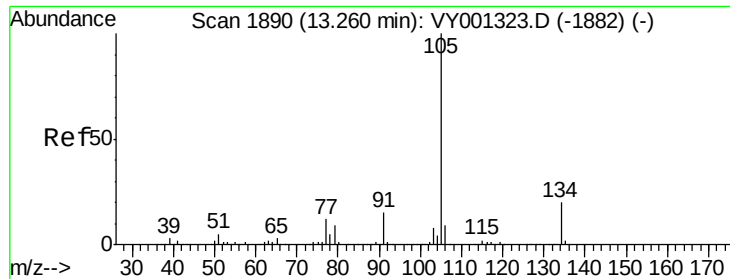
120 45.2 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.790 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.01 min

Lab File: VY001385.D

Acq: 24 Jan 2020 16:17

Instrument :

MSVOA_Y

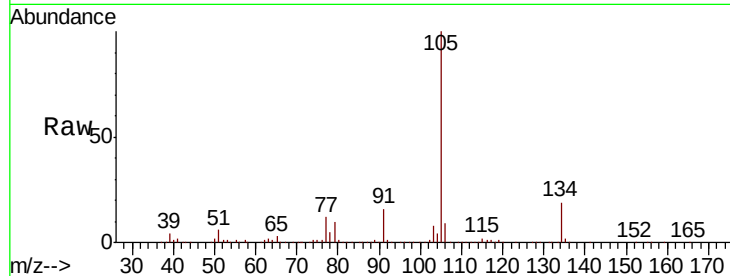
ClientSampleId :

Tot Ion:105 Resp: 216234

Ion Ratio Lower Upper

105 100

134 19.8 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

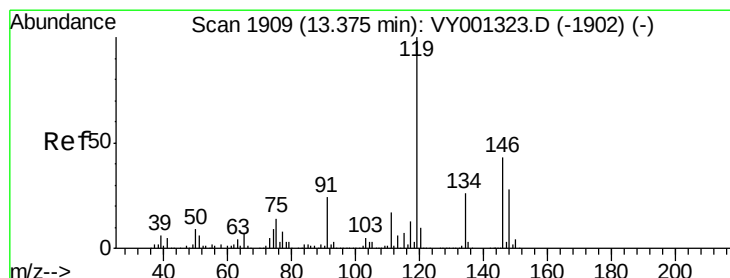
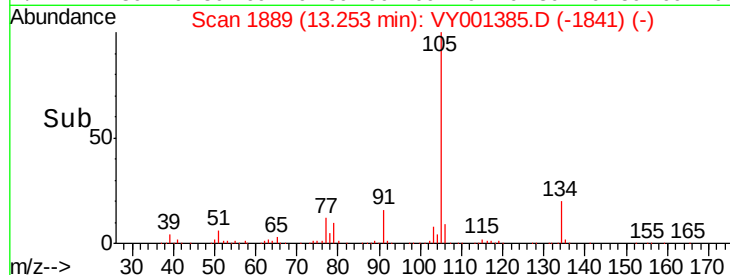
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 18.885 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY001385.D

Acq: 24 Jan 2020 16:17

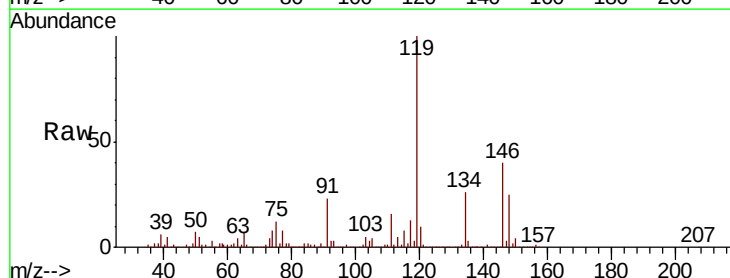
Tgt Ion:119 Resp: 191515

Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.4

91 24.0 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

13.38

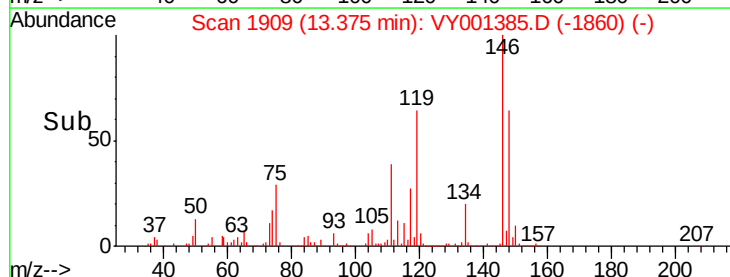
150000

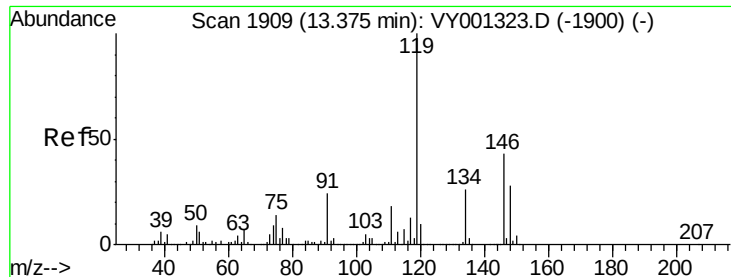
100000

50000

0

Time-->

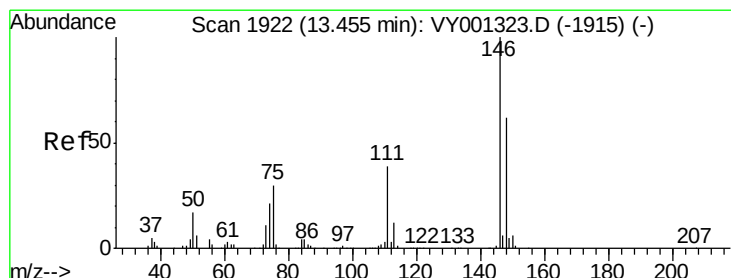
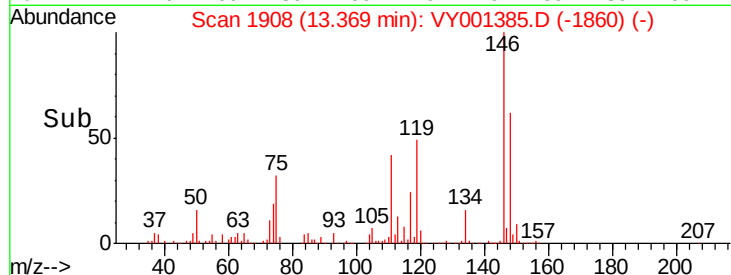
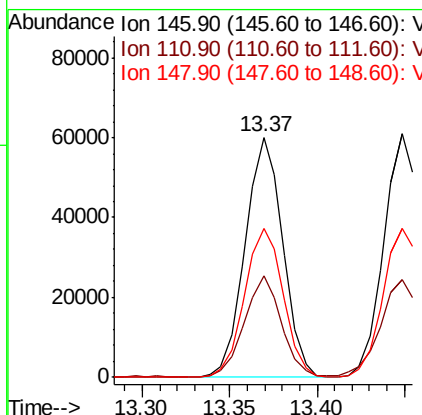
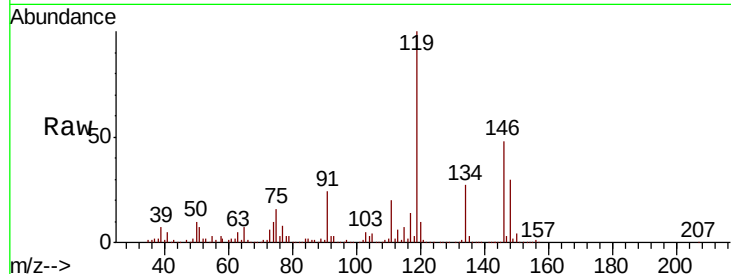




#87
 1,3-Dichlorobenzene
 Concen: 18.391 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY001385.D
 Acq: 24 Jan 2020 16:17

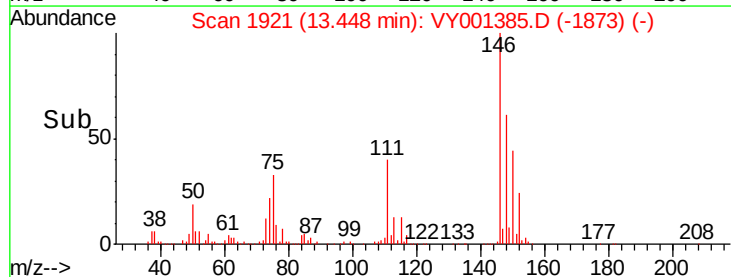
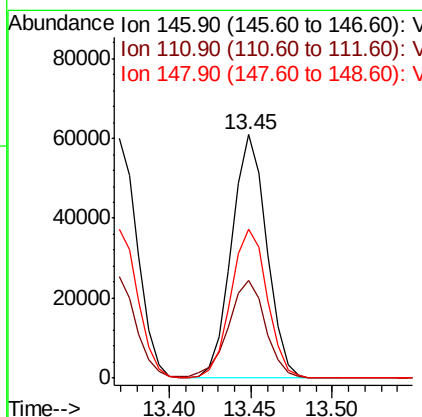
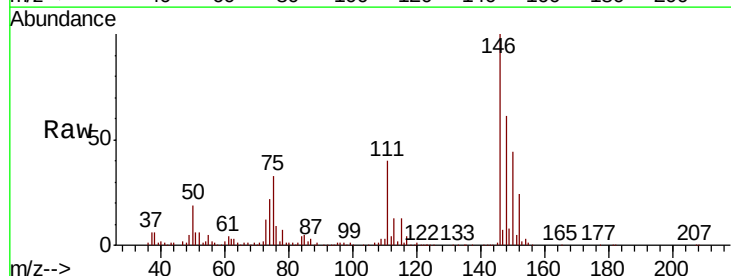
Instrument :
 MSVOA_Y
 ClientSampleId :

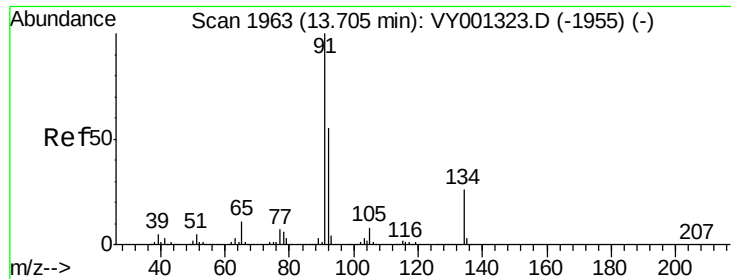
Tot Ion:146 Resp: 90308
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.6 61.8
 148 63.8 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 18.271 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY001385.D
 Acq: 24 Jan 2020 16:17

Tgt Ion:146 Resp: 91095
 Ion Ratio Lower Upper
 146 100
 111 42.1 20.5 61.5
 148 63.6 31.6 95.0

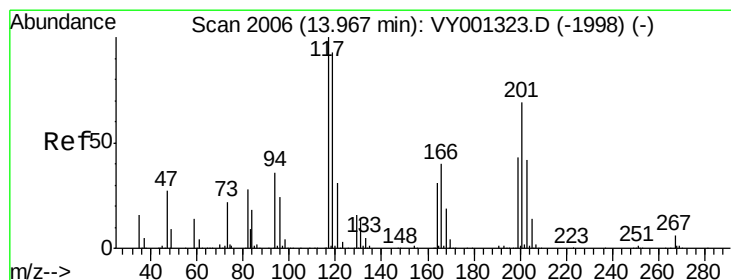
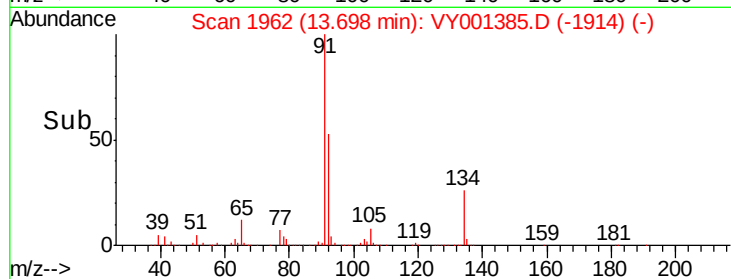
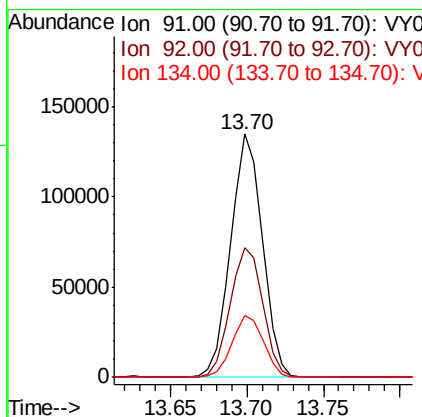
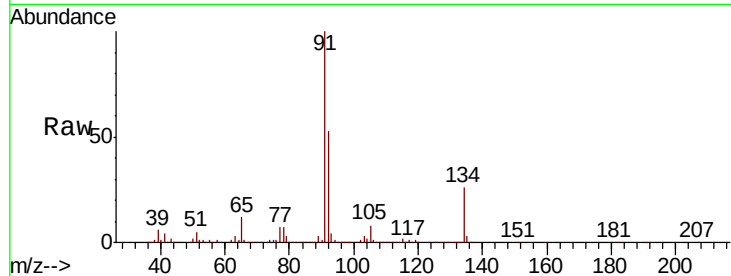




#89
n-Butylbenzene
Concen: 18.996 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

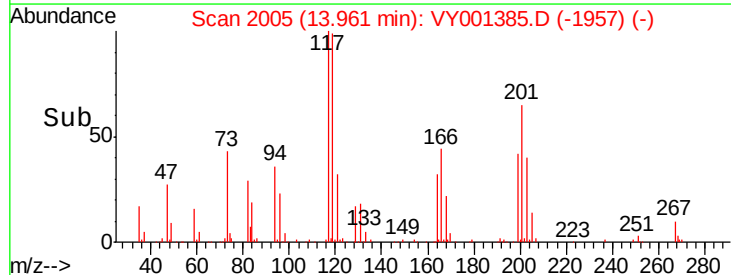
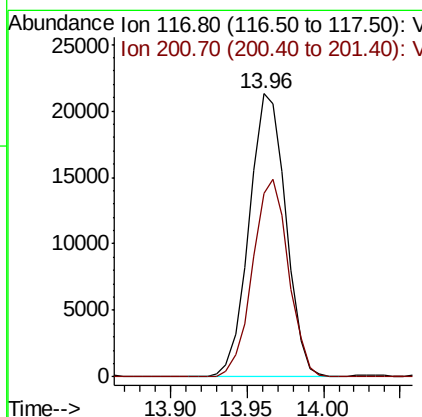
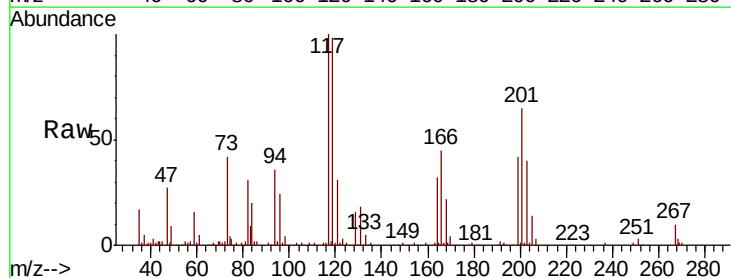
Instrument :
MSVOA_Y
ClientSampled :

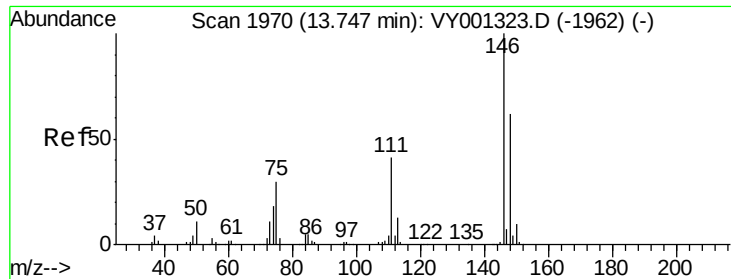
Tot Ion: 91 Resp: 193884
Ion Ratio Lower Upper
91 100
92 54.7 27.6 82.8
134 25.6 12.9 38.6



#90
Hexachloroethane
Concen: 18.497 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.01 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Tgt Ion: 117 Resp: 35557
Ion Ratio Lower Upper
117 100
201 68.5 34.6 103.8

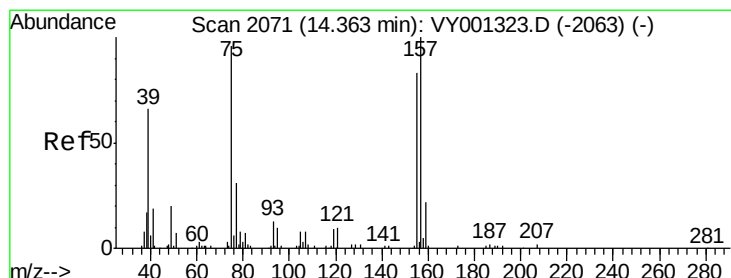
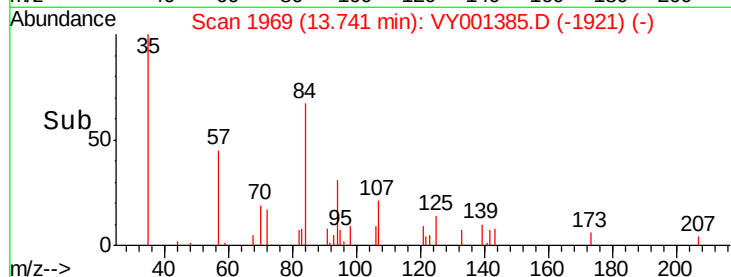
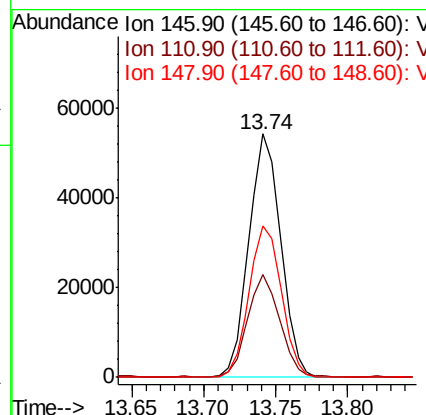
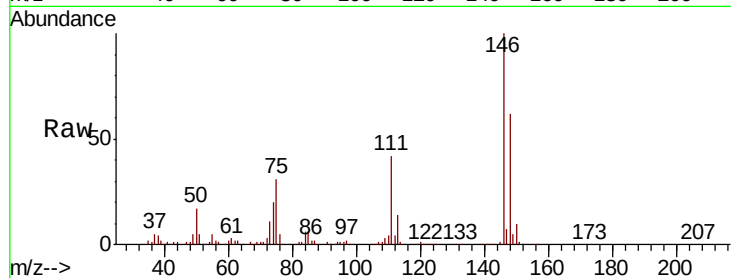




#91
 1,2-Dichlorobenzene
 Concen: 18.321 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: VY001385.D
 Acq: 24 Jan 2020 16:17

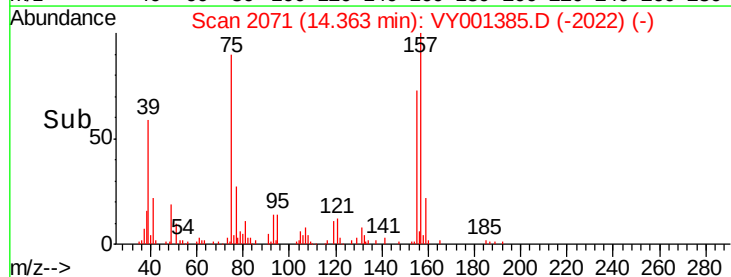
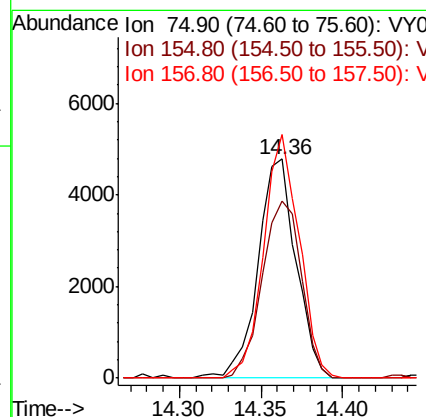
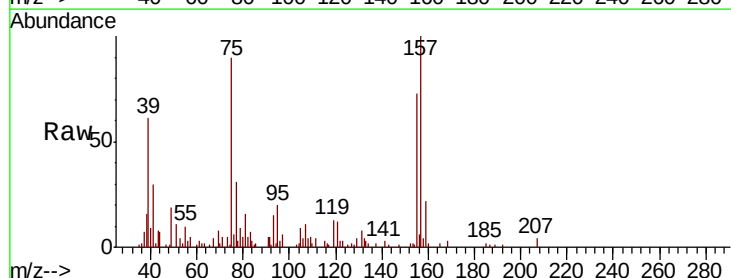
Instrument :
 MSVOA_Y
 ClientSampleId :

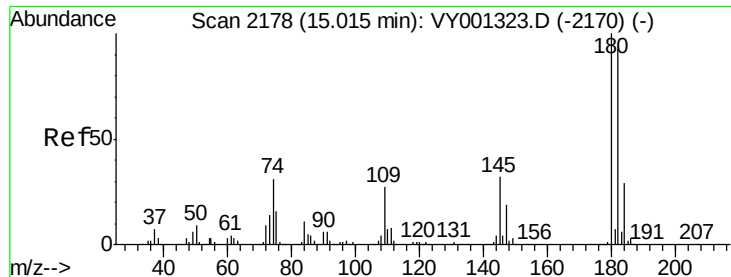
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.1	63.4
148	63.2	31.5	94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.177 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VY001385.D
 Acq: 24 Jan 2020 16:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.2	43.0	129.2
157	103.5	53.3	160.0

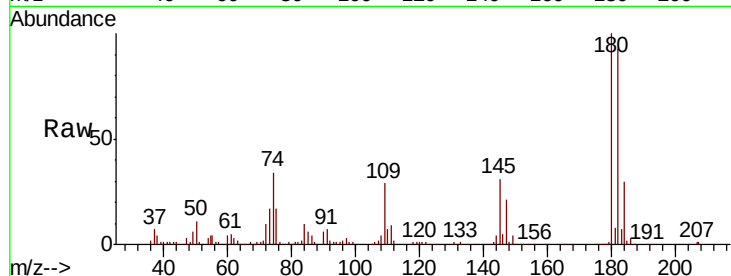




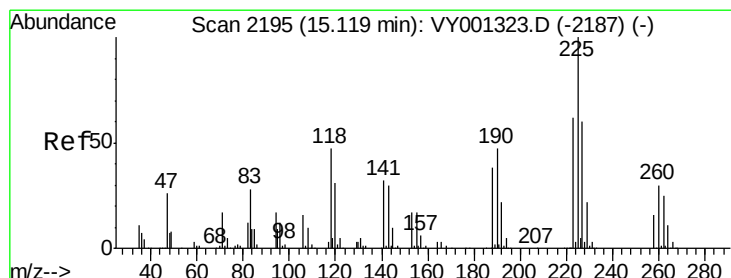
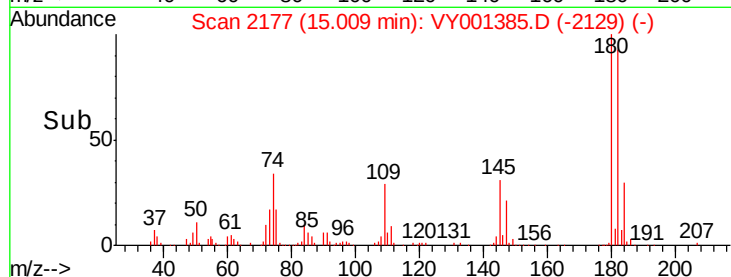
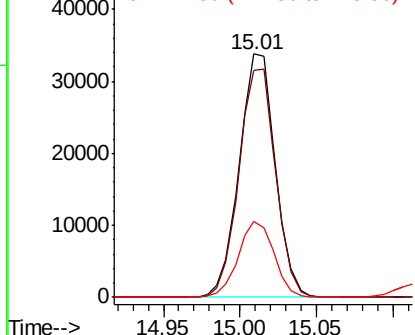
#93
1,2,4-Trichlorobenzene
Concen: 18.152 ug/l
RT: 15.01 min Scan# 2177
Delta R.T. -0.01 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:180 Resp: 55172
Ion Ratio Lower Upper
180 100
182 95.3 47.6 142.8
145 31.1 16.3 48.9

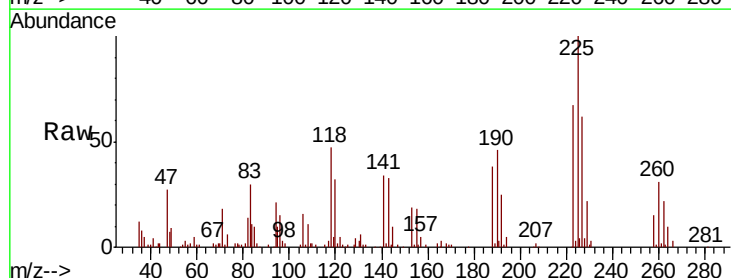


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

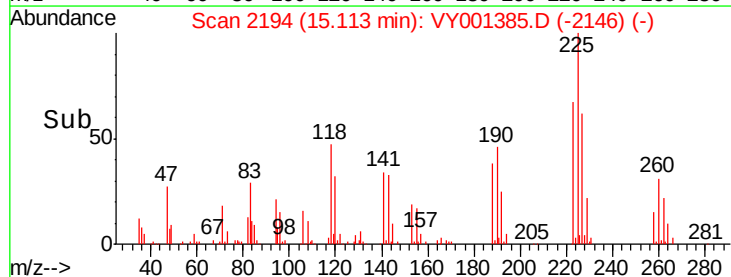
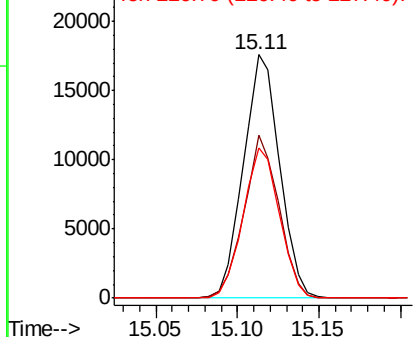


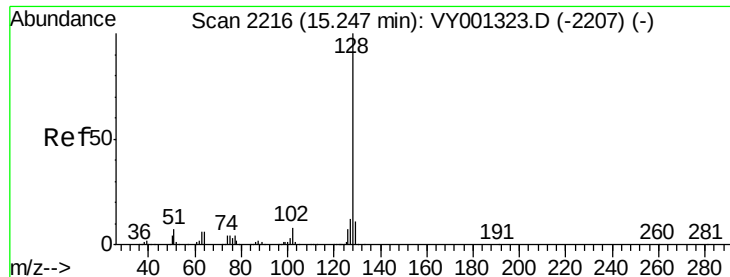
#94
Hexachlorobutadiene
Concen: 18.429 ug/l
RT: 15.11 min Scan# 2194
Delta R.T. -0.01 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Tgt Ion:225 Resp: 27274
Ion Ratio Lower Upper
225 100
223 64.4 31.2 93.6
227 62.0 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

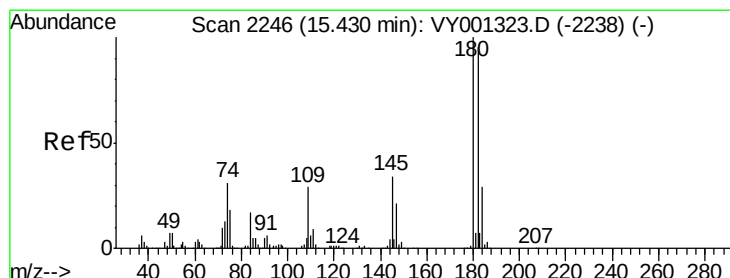
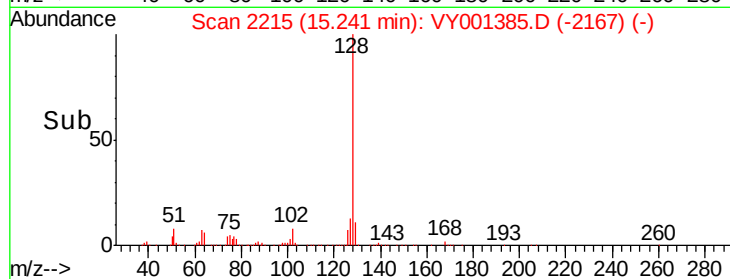
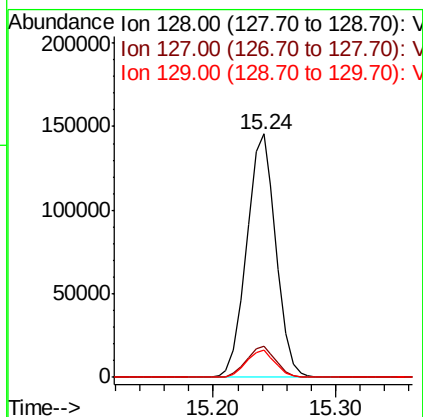
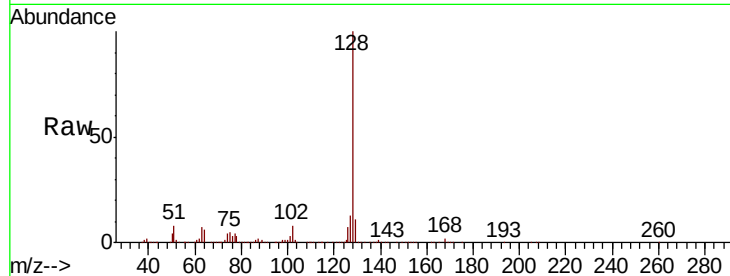




#95
Naphthalene
Concen: 34.599 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 240462
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 11.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.027 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.00 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Tgt Ion:180 Resp: 48065
Ion Ratio Lower Upper
180 100
182 94.8 47.3 141.8
145 34.2 16.8 50.3

