

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020320\
 Data File : VY001479.D
 Acq On : 03 Feb 2020 17:35
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 04 04:21:57 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	193693	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.71	114	339968	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	300725	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	140344	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	119433	56.67	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	113.34%	
35) Dibromofluoromethane	7.74	113	113346	56.81	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	113.62%	
50) Toluene-d8	10.19	98	430617	55.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.10%	
62) 4-Bromofluorobenzene	12.49	95	166120	53.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	75972	49.737	ug/l	96
3) Chloromethane	2.13	50	85090	36.858	ug/l	99
4) Vinyl Chloride	2.26	62	90664	37.664	ug/l	96
5) Bromomethane	2.66	94	59242	36.542	ug/l	100
6) Chloroethane	2.80	64	58078	37.758	ug/l	99
7) Trichlorofluoromethane	3.14	101	163751	53.168	ug/l	97
8) Diethyl Ether	3.55	74	63803	49.073	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.92	101	103386	52.710	ug/l	99
10) Methyl Iodide	4.11	142	124943	48.298	ug/l	97
11) Tert butyl alcohol	4.99	59	62755	235.730	ug/l	99
12) 1,1-Dichloroethene	3.90	96	99776	48.517	ug/l	99
13) Acrolein	3.75	56	42978	276.286	ug/l	97
14) Allyl chloride	4.51	41	160454	43.751	ug/l	98
15) Acrylonitrile	5.19	53	160041	240.476	ug/l	100
16) Acetone	3.97	43	129365	232.468	ug/l	97
17) Carbon Disulfide	4.22	76	272612	42.149	ug/l	99
18) Methyl Acetate	4.51	43	82089	46.185	ug/l	97
19) Methyl tert-butyl Ether	5.25	73	310819	51.618	ug/l	97
20) Methylene Chloride	4.74	84	117843	44.841	ug/l	94
21) trans-1,2-Dichloroethene	5.25	96	111687	46.753	ug/l	95
22) Diisopropyl ether	6.14	45	341680	43.874	ug/l	92
23) Vinyl Acetate	6.09	43	1090057	215.602	ug/l	96
24) 1,1-Dichloroethane	6.04	63	195422	47.607	ug/l	98
25) 2-Butanone	7.01	43	206975	225.619	ug/l	94
26) 2,2-Dichloropropane	7.00	77	179954	49.216	ug/l	99
27) cis-1,2-Dichloroethene	7.01	96	131363	49.204	ug/l	97
28) Bromochloromethane	7.35	49	89519	52.881	ug/l	90
29) Tetrahydrofuran	7.37	42	134888	226.009	ug/l	95
30) Chloroform	7.53	83	201932	50.188	ug/l	98
31) Cyclohexane	7.80	56	174673	42.858	ug/l	93
32) 1,1,1-Trichloroethane	7.72	97	178678	52.594	ug/l	97
36) 1,1-Dichloropropene	7.94	75	156083	48.596	ug/l	99
37) Ethyl Acetate	7.10	43	90213	45.972	ug/l	97
38) Carbon Tetrachloride	7.92	117	154772	54.069	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	197937	48.107	ug/l	96
40) Benzene	8.18	78	456825	47.435	ug/l	99
41) Methacrylonitrile	7.37	41	124885	123.326	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	134789	50.090	ug/l	99
43) Isopropyl Acetate	8.29	43	178140	46.685	ug/l	97
44) Trichloroethene	8.95	130	123289	49.888	ug/l	97
45) 1,2-Dichloropropane	9.23	63	115835	47.580	ug/l	99
46) Dibromomethane	9.32	93	66075	50.555	ug/l	98
47) Bromodichloromethane	9.51	83	162090	51.879	ug/l	99
48) Methyl methacrylate	9.30	41	79916	46.070	ug/l	96
49) 1,4-Dioxane	9.31	88	19409	1053.059	ug/l	95
51) 4-Methyl-2-Pentanone	10.08	43	452278	230.160	ug/l	96
52) Toluene	10.25	92	291875	47.811	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	176210	50.883	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	198827	50.021	ug/l	96
55) 1,1,2-Trichloroethane	10.65	97	97497	50.540	ug/l	98
56) Ethyl methacrylate	10.52	69	144803	49.664	ug/l	93
57) 1,3-Dichloropropane	10.80	76	168418	50.118	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	261844	259.528	ug/l	96
59) 2-Hexanone	10.84	43	319067	233.233	ug/l	95
60) Dibromochloromethane	10.99	129	115310	53.444	ug/l	99
61) 1,2-Dibromoethane	11.10	107	95501	52.368	ug/l	100
64) Tetrachloroethene	10.72	164	111815	58.209	ug/l	98
65) Chlorobenzene	11.52	112	312012	49.222	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.60	131	114513	52.936	ug/l	98
67) Ethyl Benzene	11.60	91	570507	48.837	ug/l	99
68) m/p-Xylenes	11.70	106	427769	98.044	ug/l	99
69) o-Xylene	12.03	106	201709	48.058	ug/l	97
70) Styrene	12.05	104	356991	48.477	ug/l	99
71) Bromoform	12.21	173	67266	52.091	ug/l #	100
73) Isopropylbenzene	12.33	105	557328	50.326	ug/l	99
74) N-amyl acetate	12.14	43	162466	44.818	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.58	83	119480	50.377	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	157325	93.028	ug/l #	100
77) Bromobenzene	12.61	156	121793	49.653	ug/l	99
78) n-propylbenzene	12.67	91	664584	49.858	ug/l	99
79) 2-Chlorotoluene	12.76	91	380558	49.975	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	478466	51.760	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	44793	50.123	ug/l	98
82) 4-Chlorotoluene	12.86	91	399974	49.173	ug/l	99
83) tert-Butylbenzene	13.08	119	391463	50.239	ug/l	97
84) 1,2,4-Trimethylbenzene	13.13	105	482545	51.994	ug/l	100
85) sec-Butylbenzene	13.25	105	553476	49.994	ug/l	99
86) p-Isopropyltoluene	13.38	119	484698	49.682	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	230958	48.891	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	233116	48.602	ug/l	99
89) n-Butylbenzene	13.70	91	477909	48.674	ug/l	99
90) Hexachloroethane	13.97	117	95451	51.616	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	214514	49.239	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	21443	52.395	ug/l	97

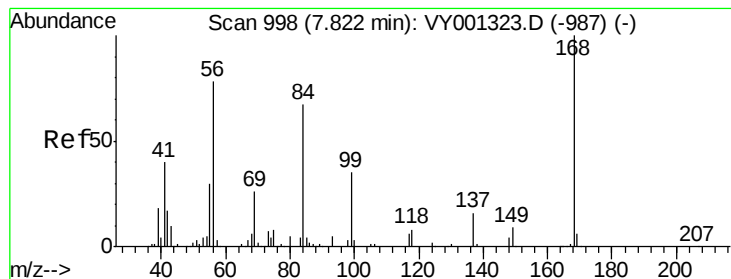
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Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:21:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	136746	46.767	ug/l	98
94) Hexachlorobutadiene	15.12	225	69447	48.778	ug/l	97
95) Naphthalene	15.24	128	363194	54.321	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	122604	47.799	ug/l	97

(#) = 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: VY001479.D

Acq: 03 Feb 2020 17:35

Instrument :

MSVOA_Y

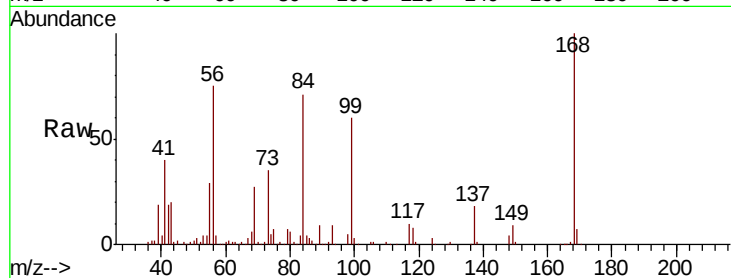
ClientSampleId :

Tot Ion:168 Resp: 193693

Ion Ratio Lower Upper

168 100

99 60.4 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) (-)

7.81

80000

60000

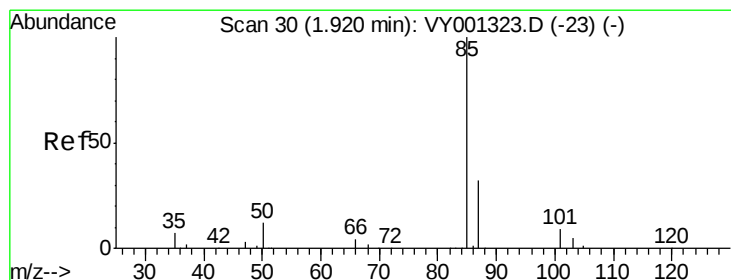
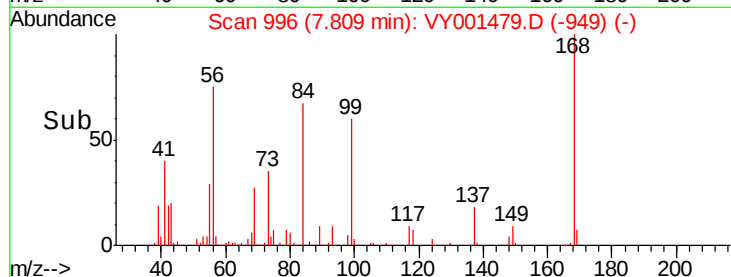
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 49.737 ug/l

RT: 1.91 min Scan# 29

Delta R.T. -0.01 min

Lab File: VY001479.D

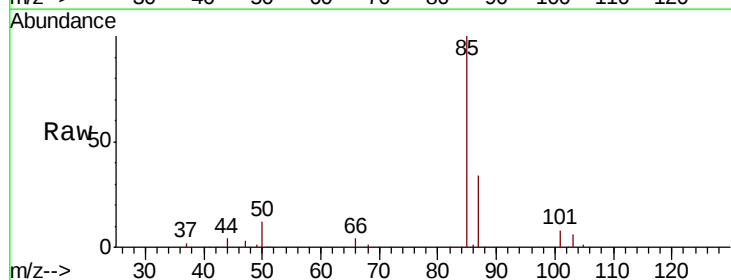
Acq: 03 Feb 2020 17:35

Tgt Ion: 85 Resp: 75972

Ion Ratio Lower Upper

85 100

87 34.4 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) (-)

1.91

60000

50000

40000

30000

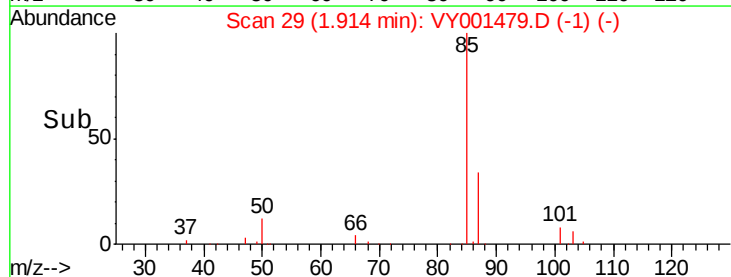
20000

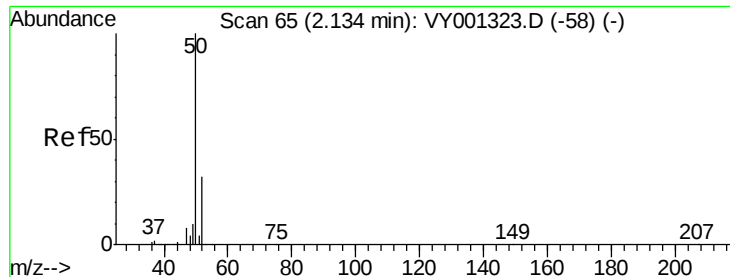
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 36.858 ug/l

RT: 2.13 min Scan# 64

Delta R.T. -0.01 min

Lab File: VY001479.D

Acq: 03 Feb 2020 17:35

Instrument :

MSVOA_Y

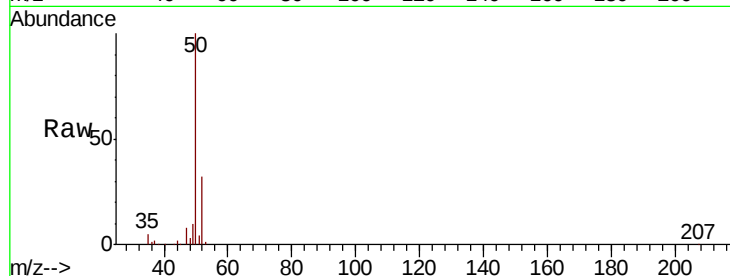
ClientSampleId :

Tot Ion: 50 Resp: 85090

Ion Ratio Lower Upper

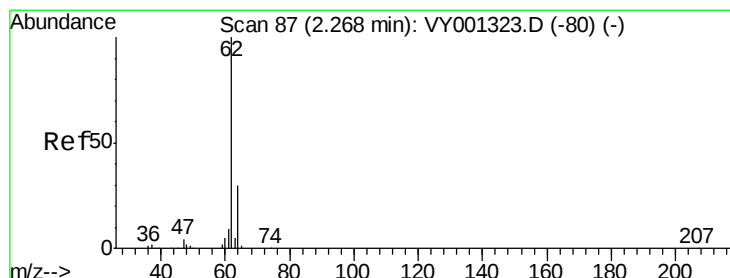
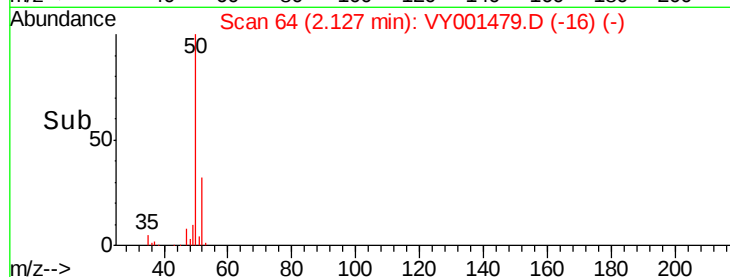
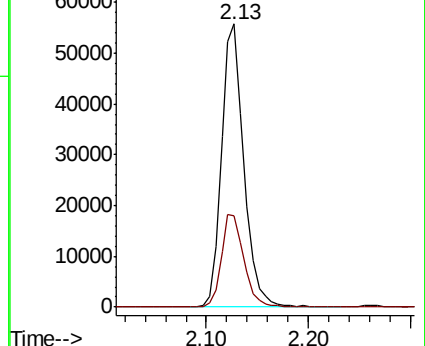
50 100

52 32.5 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 37.664 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.01 min

Lab File: VY001479.D

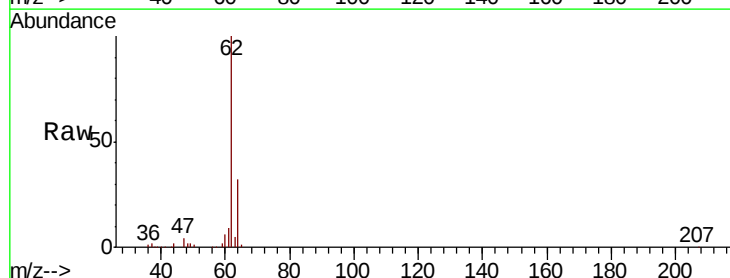
Acq: 03 Feb 2020 17:35

Tgt Ion: 62 Resp: 90664

Ion Ratio Lower Upper

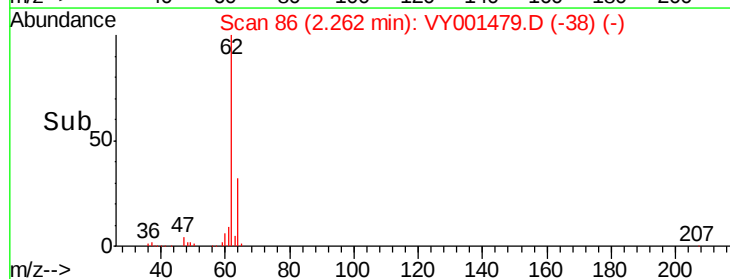
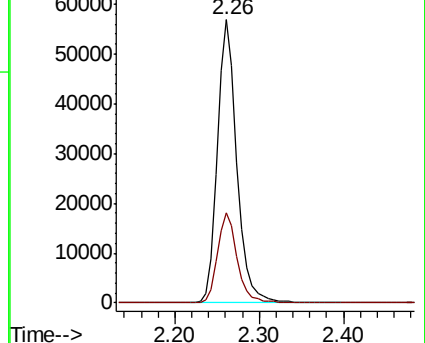
62 100

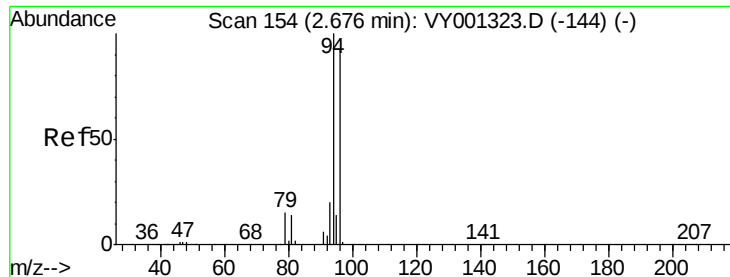
64 32.0 23.9 35.9



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 36.542 ug/l

RT: 2.66 min Scan# 152

Delta R.T. -0.01 min

Lab File: VY001479.D

Acq: 03 Feb 2020 17:35

Instrument :

MSVOA_Y

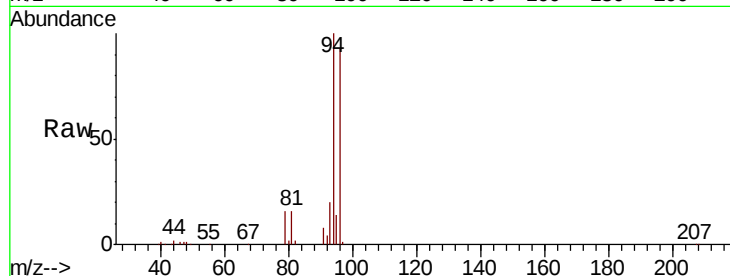
ClientSampleId :

Tot Ion: 94 Resp: 59242

Ion Ratio Lower Upper

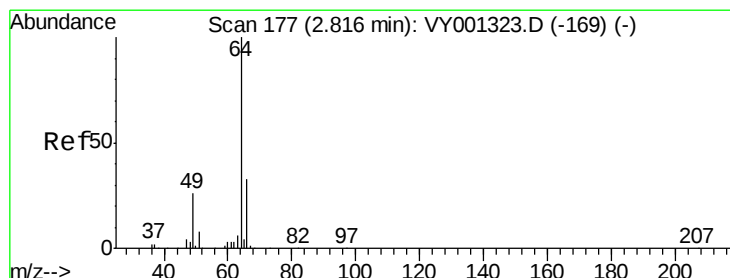
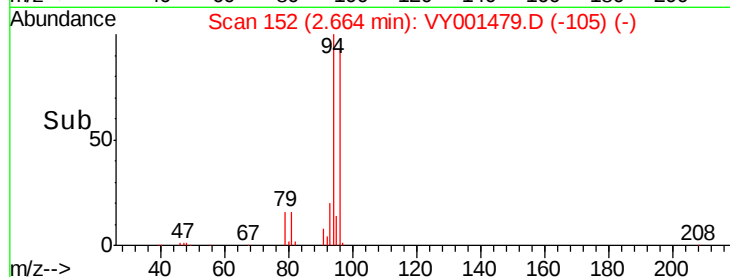
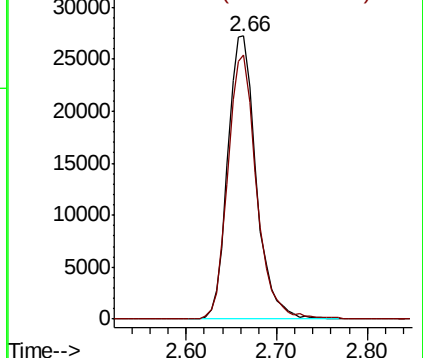
94 100

96 93.3 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: 37.758 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.01 min

Lab File: VY001479.D

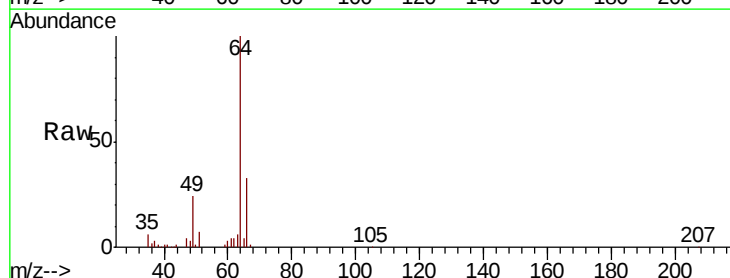
Acq: 03 Feb 2020 17:35

Tgt Ion: 64 Resp: 58078

Ion Ratio Lower Upper

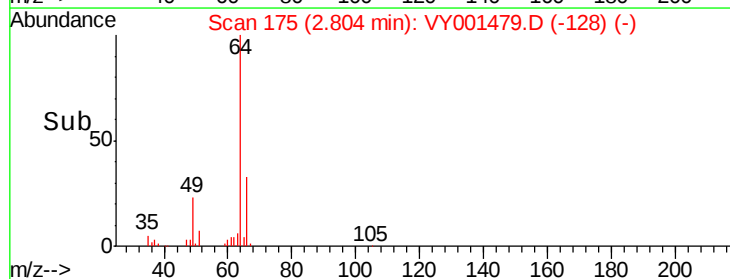
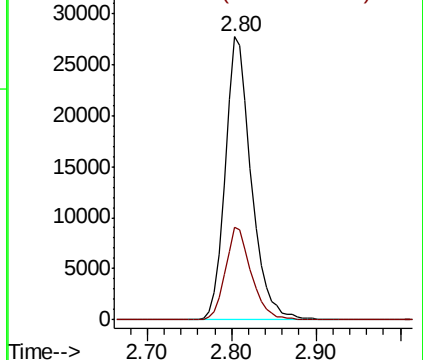
64 100

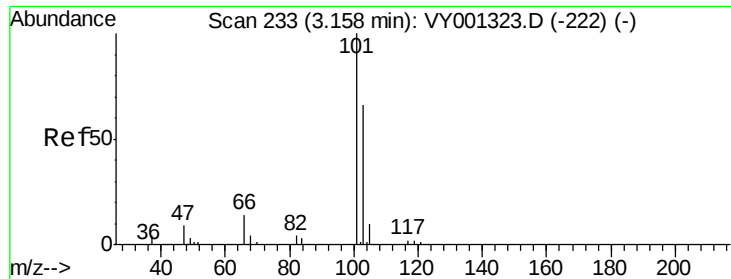
66 32.7 26.8 40.2



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



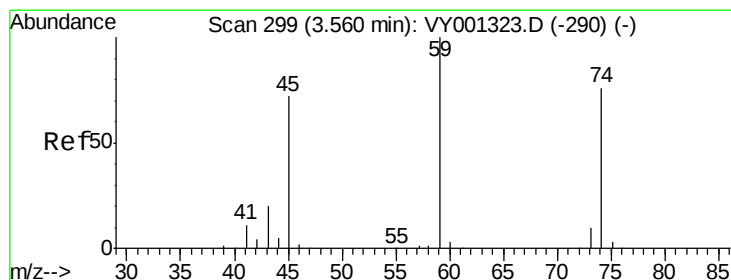
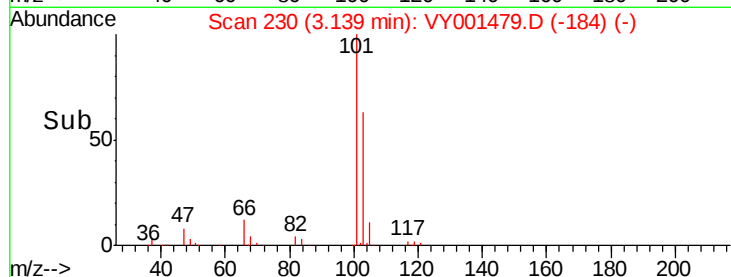
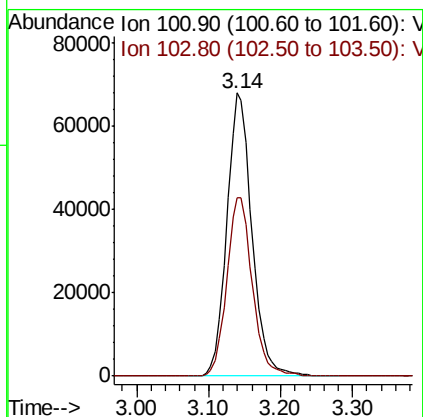
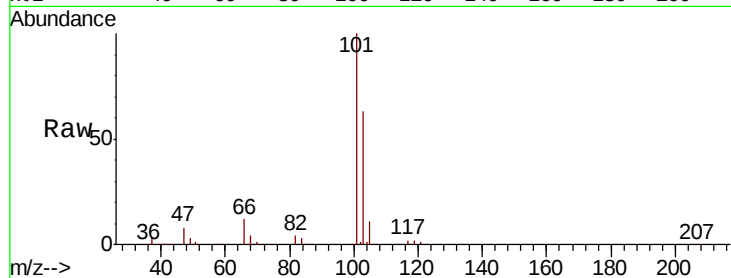


#7

Trichlorofluoromethane
Concen: 53.168 ug/l
RT: 3.14 min Scan# 230
Delta R.T. -0.02 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

Instrument :
MSVOA_Y
ClientSampleId :

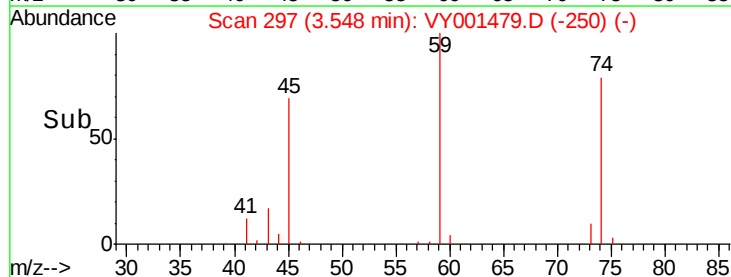
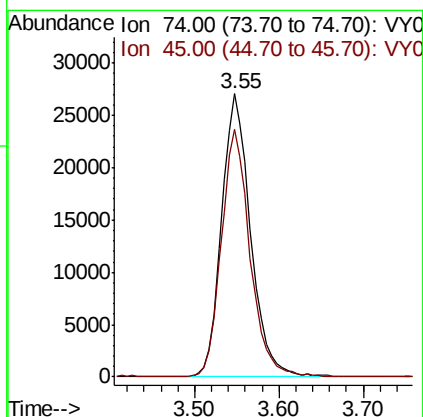
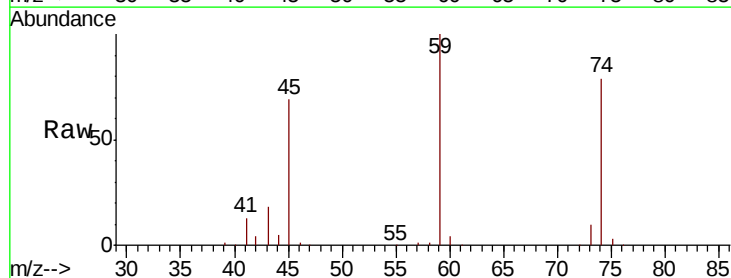
Tot Ion:101 Resp: 163751
Ion Ratio Lower Upper
101 100
103 63.0 52.5 78.7



#8

Diethyl Ether
Concen: 49.073 ug/l
RT: 3.55 min Scan# 297
Delta R.T. -0.01 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

Tgt Ion: 74 Resp: 63803
Ion Ratio Lower Upper
74 100
45 86.7 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.710 ug/l

RT: 3.92 min Scan# 358

Delta R.T. -0.02 min

Lab File: VY001479.D

Acq: 03 Feb 2020 17:35

Instrument :

MSVOA_Y

ClientSampleId :

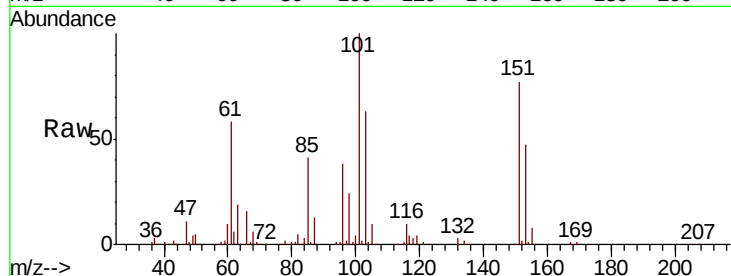
Tot Ion:101 Resp: 103386

Ion Ratio Lower Upper

101 100

85 42.5 34.9 52.3

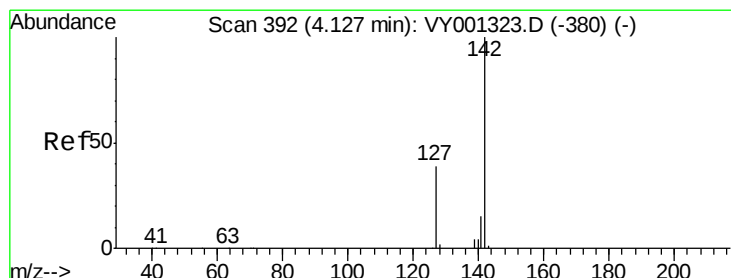
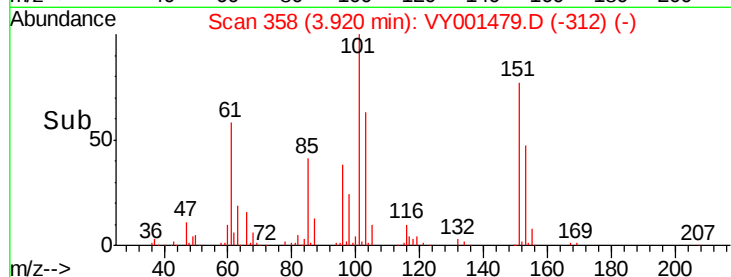
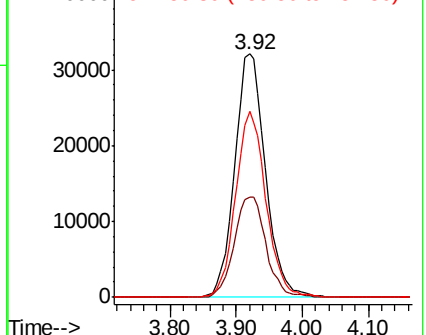
151 75.3 59.9 89.9



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: 48.298 ug/l

RT: 4.11 min Scan# 390

Delta R.T. -0.01 min

Lab File: VY001479.D

Acq: 03 Feb 2020 17:35

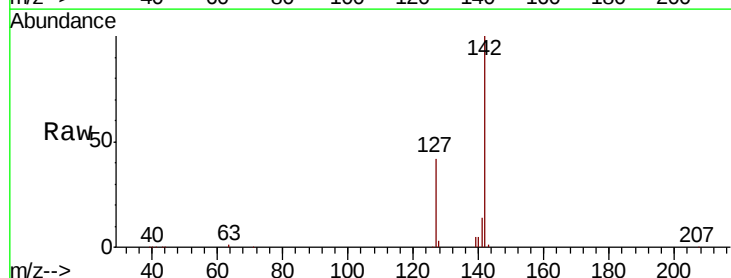
Tgt Ion:142 Resp: 124943

Ion Ratio Lower Upper

142 100

127 41.8 31.6 47.4

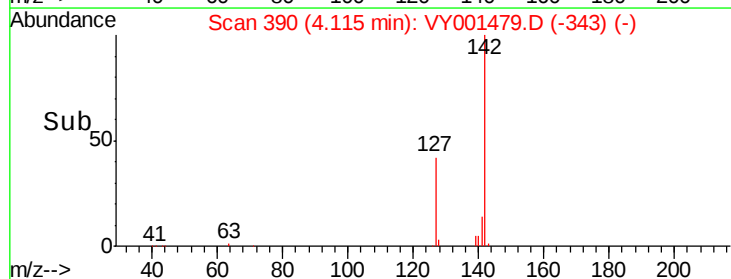
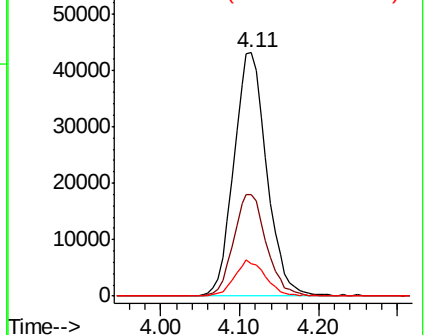
141 14.0 11.2 16.8

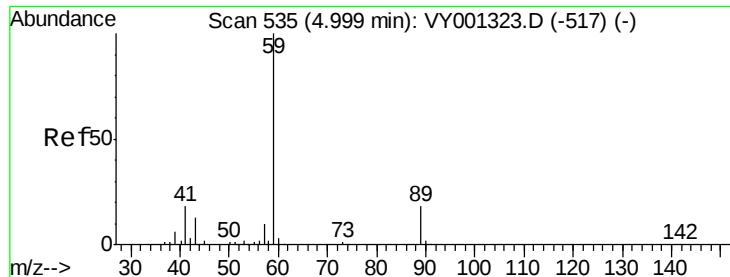


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

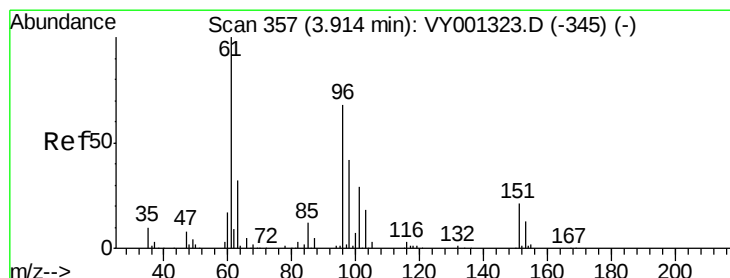
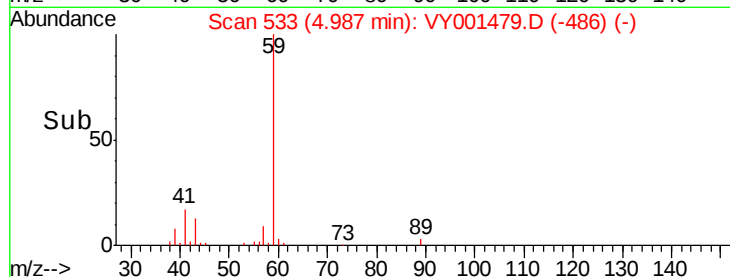
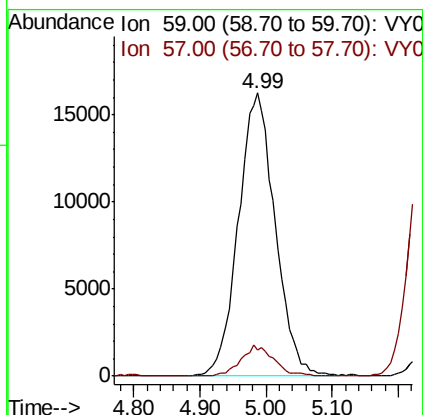
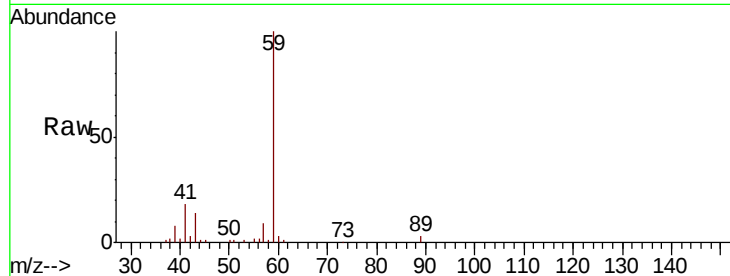




#11
Tert butyl alcohol
Concen: 235.730 ug/l
RT: 4.99 min Scan# 533
Delta R.T. -0.01 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

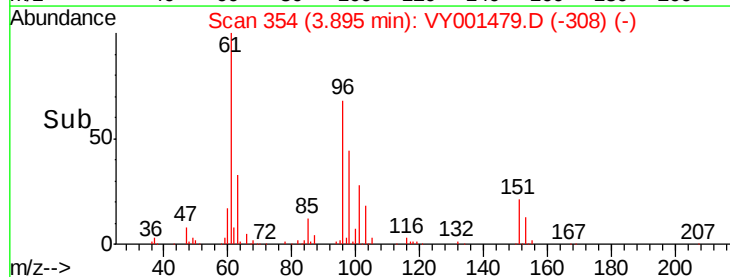
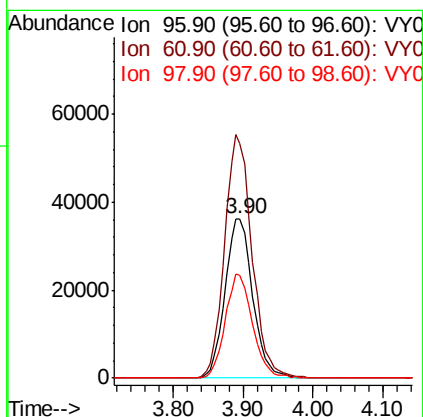
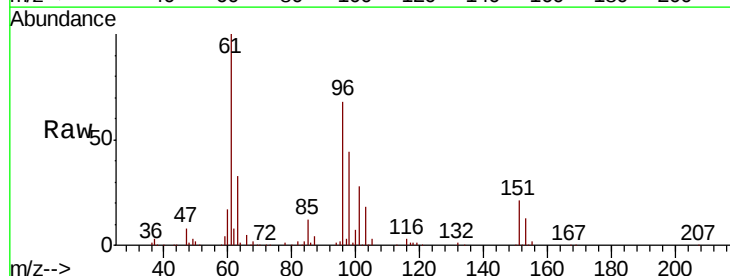
Instrument :
MSVOA_Y
ClientSampled :

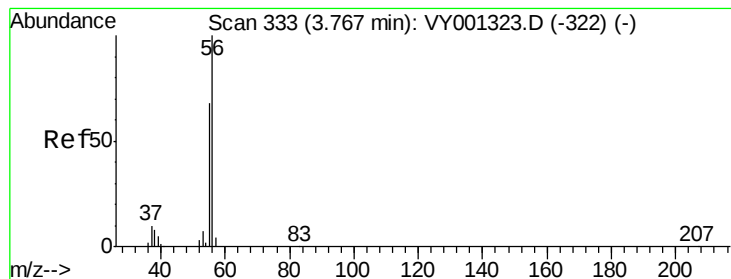
Tot Ion: 59 Resp: 62755
Ion Ratio Lower Upper
59 100
57 9.7 7.4 11.2



#12
1,1-Dichloroethene
Concen: 48.517 ug/l
RT: 3.90 min Scan# 354
Delta R.T. -0.02 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

Tgt Ion: 96 Resp: 99776
Ion Ratio Lower Upper
96 100
61 146.9 118.0 177.0
98 64.2 49.4 74.2





#13

Acrolein

Concen: 276.286 ug/l

RT: 3.75 min Scan# 330

Delta R.T. -0.02 min

Lab File: VY001479.D

Acq: 03 Feb 2020 17:35

Instrument :

MSVOA_Y

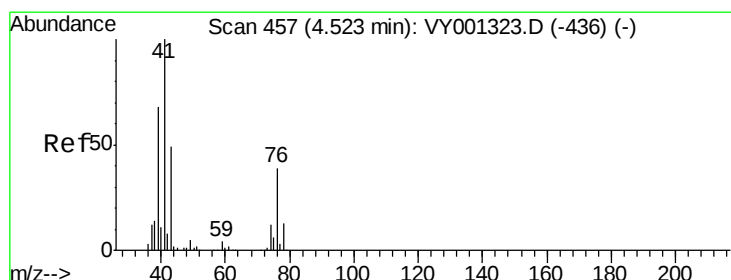
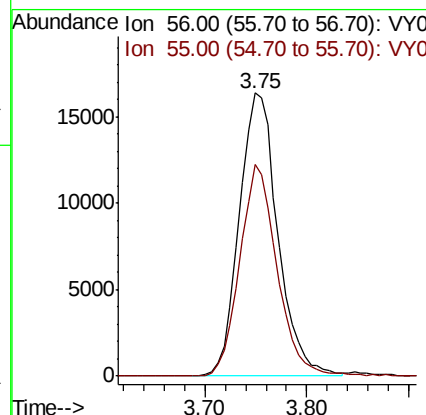
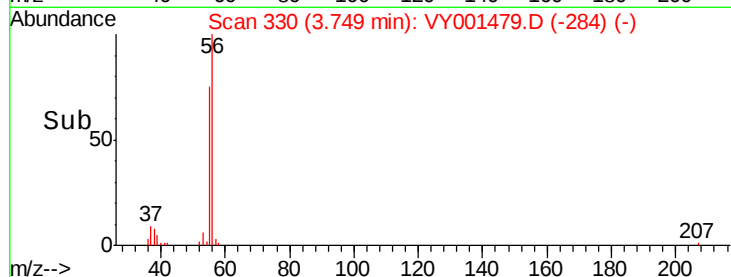
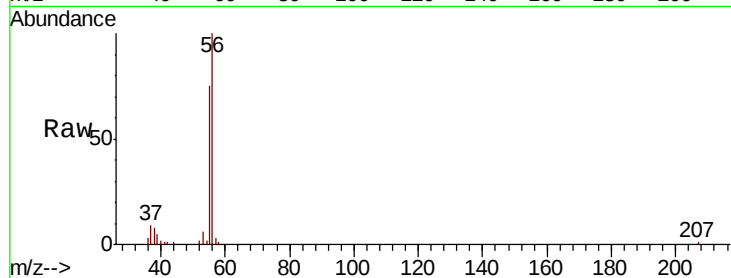
ClientSampleId :

Tot Ion: 56 Resp: 42978

Ion Ratio Lower Upper

56 100

55 72.3 55.9 83.9



#14

Allyl chloride

Concen: 43.751 ug/l

RT: 4.51 min Scan# 454

Delta R.T. -0.02 min

Lab File: VY001479.D

Acq: 03 Feb 2020 17:35

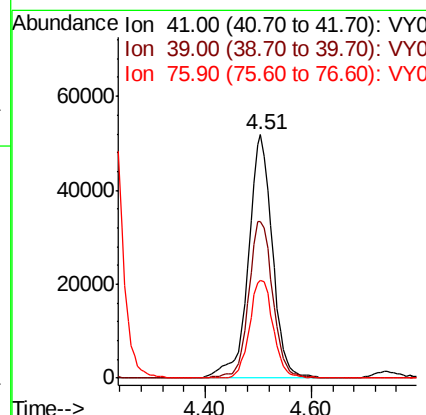
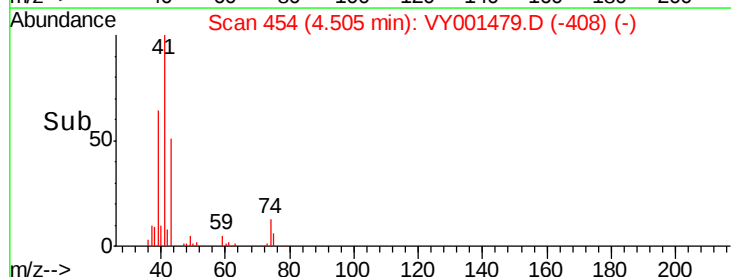
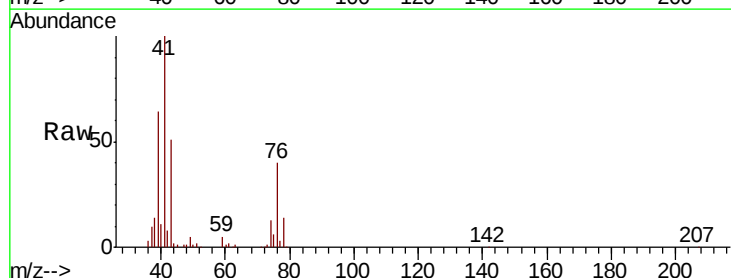
Tgt Ion: 41 Resp: 160454

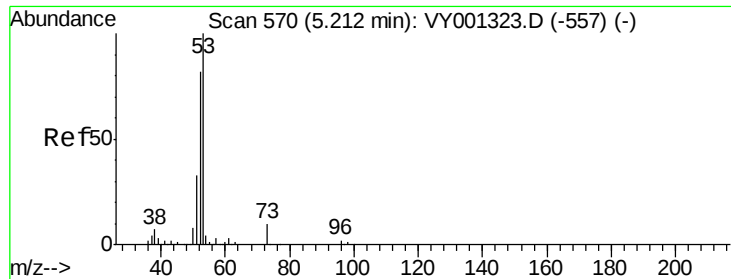
Ion Ratio Lower Upper

41 100

39 64.8 52.2 78.4

76 39.3 29.1 43.7





#15

Acrylonitrile

Concen: 240.476 ug/l

RT: 5.19 min Scan# 567

Delta R.T. -0.02 min

Lab File: VY001479.D

Acq: 03 Feb 2020 17:35

Instrument :
MSVOA_Y
ClientSampleId :

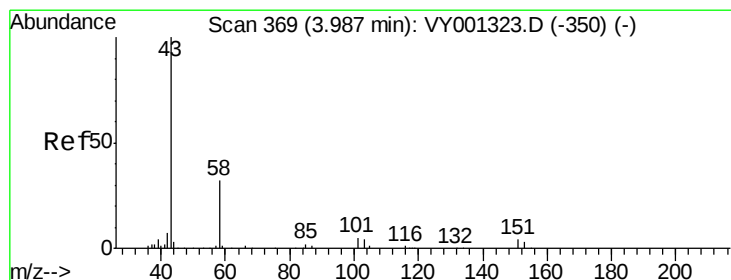
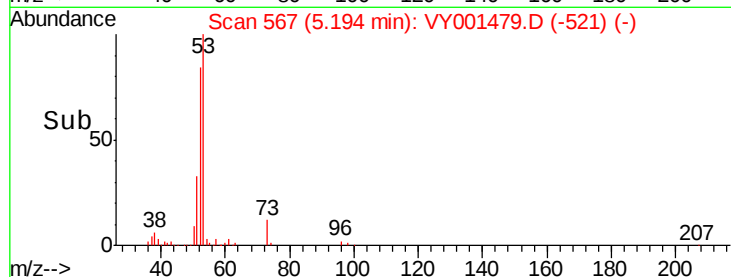
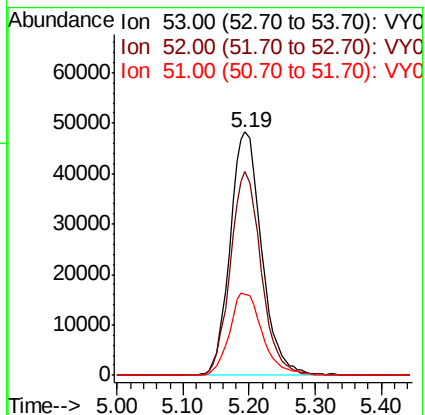
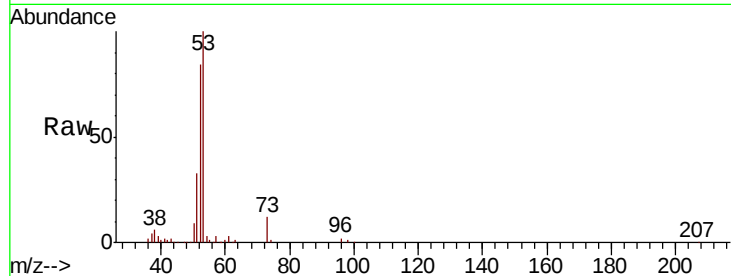
Tot Ion: 53 Resp: 160041

Ion Ratio Lower Upper

53 100

52 81.7 65.3 97.9

51 35.3 28.4 42.6



#16

Acetone

Concen: 232.468 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.02 min

Lab File: VY001479.D

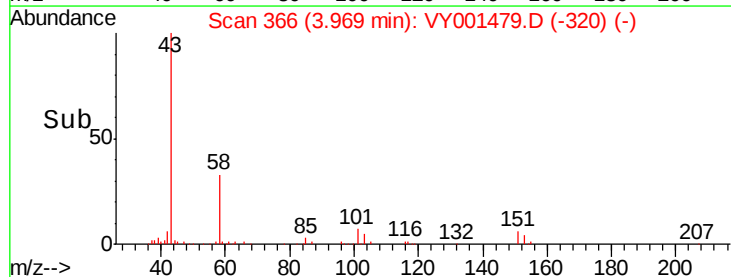
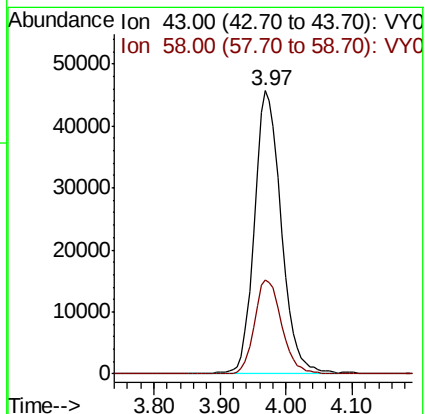
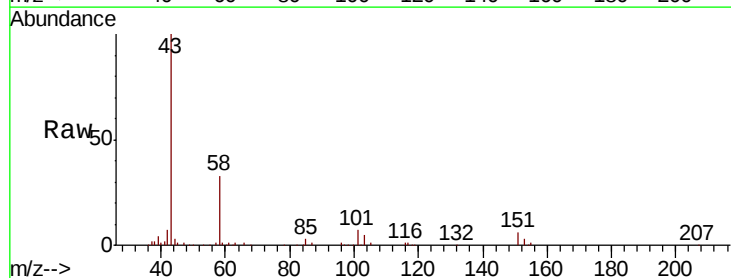
Acq: 03 Feb 2020 17:35

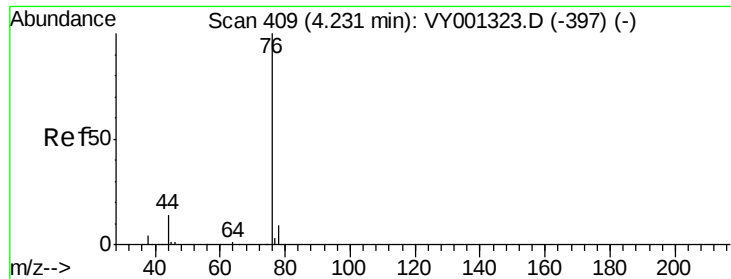
Tgt Ion: 43 Resp: 129365

Ion Ratio Lower Upper

43 100

58 33.2 25.4 38.0





#17

Carbon Disulfide

Concen: 42.149 ug/l

RT: 4.22 min Scan# 407

Delta R.T. -0.01 min

Lab File: VY001479.D

Acq: 03 Feb 2020 17:35

Instrument :

MSVOA_Y

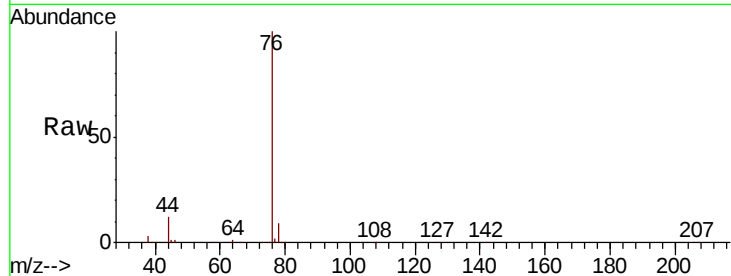
ClientSampled :

Tot Ion: 76 Resp: 272612

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VY001323.D (-397) (-)

Ion 77.90 (77.60 to 78.60): VY001323.D (-397) (-)

4.22

100000

80000

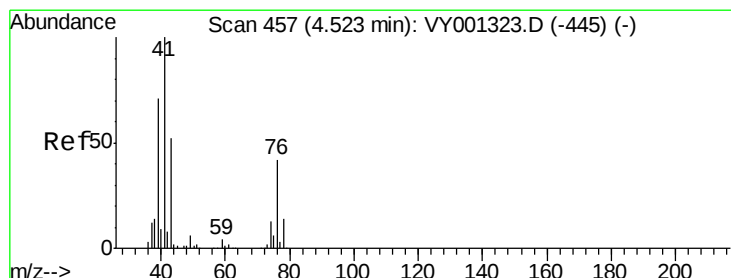
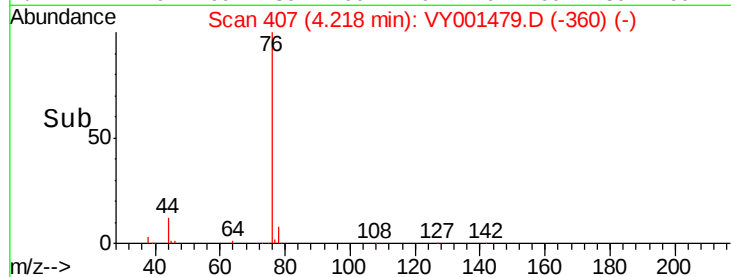
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 46.185 ug/l

RT: 4.51 min Scan# 454

Delta R.T. -0.02 min

Lab File: VY001479.D

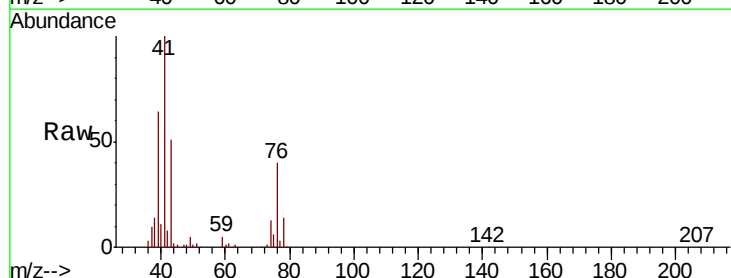
Acq: 03 Feb 2020 17:35

Tgt Ion: 43 Resp: 82089

Ion Ratio Lower Upper

43 100

74 25.9 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.30): VY001323.D (-445) (-)

Ion 74.00 (73.70 to 74.30): VY001323.D (-445) (-)

4.51

30000

25000

20000

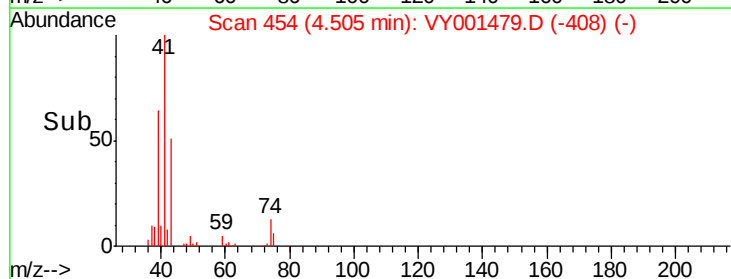
15000

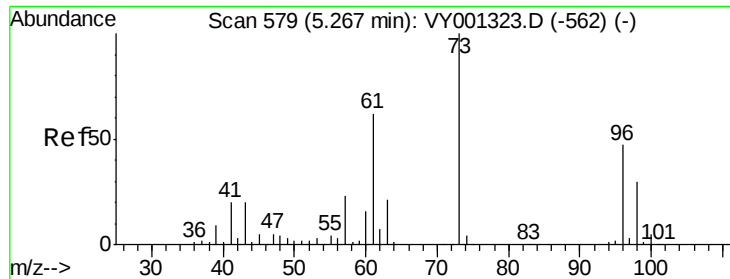
10000

5000

0

Time-->

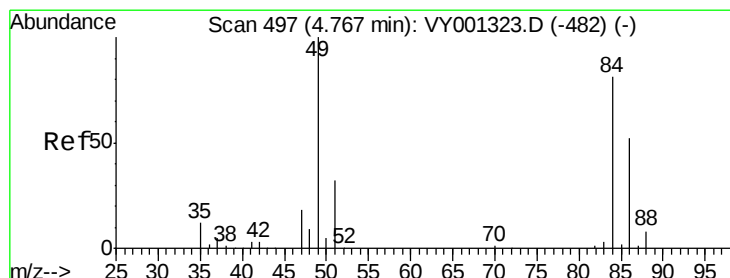
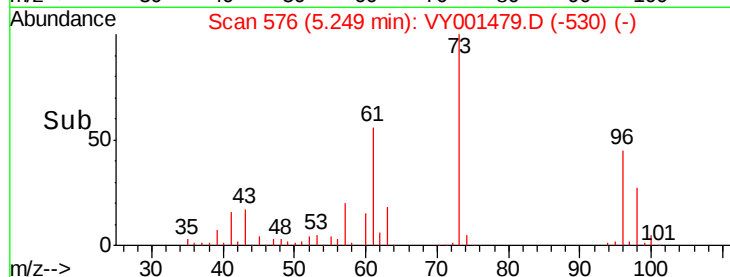
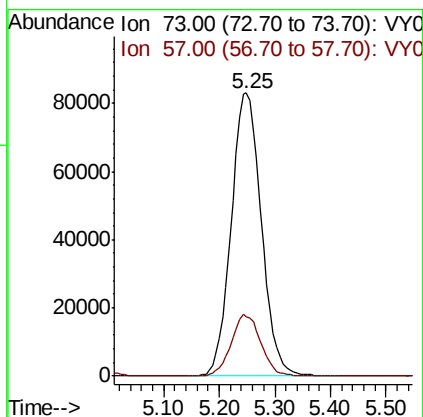
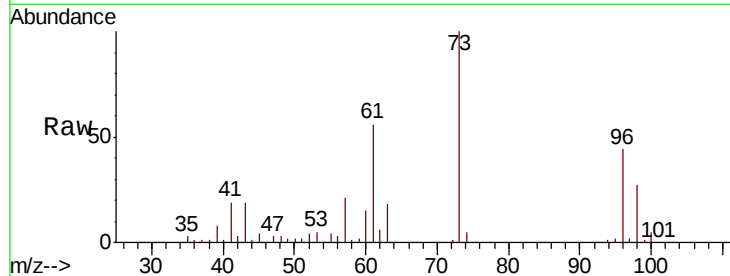




#19
Methyl tert-butyl Ether
Concen: 51.618 ug/l
RT: 5.25 min Scan# 576
Delta R.T. -0.02 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

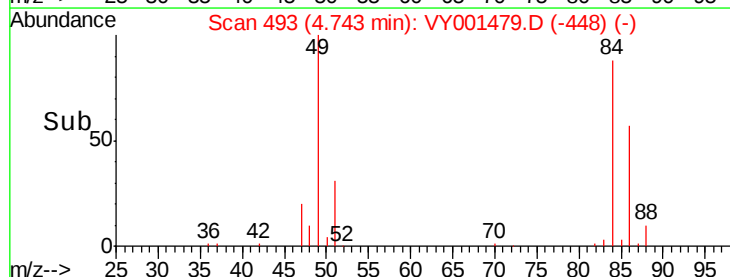
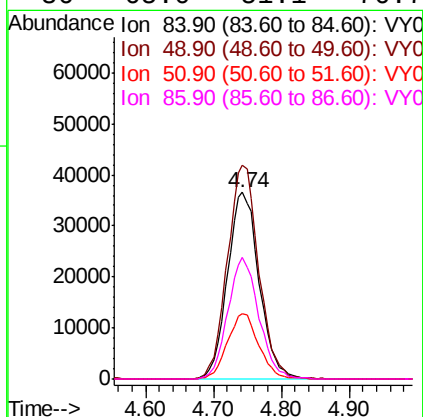
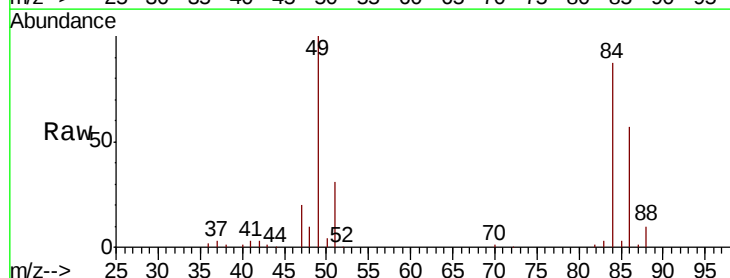
Instrument :
MSVOA_Y
ClientSampled :

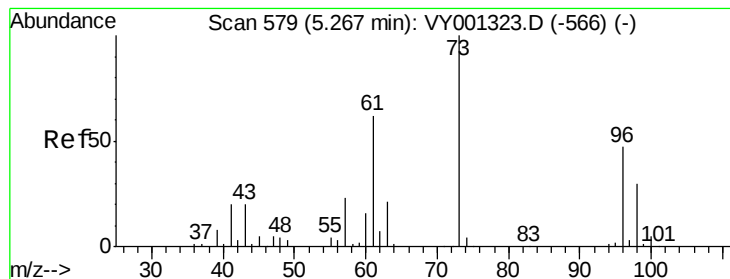
Tot Ion: 73 Resp: 310819
Ion Ratio Lower Upper
73 100
57 21.2 18.2 27.2



#20
Methylene Chloride
Concen: 44.841 ug/l
RT: 4.74 min Scan# 493
Delta R.T. -0.02 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

Tgt Ion: 84 Resp: 117843
Ion Ratio Lower Upper
84 100
49 114.6 98.3 147.5
51 35.1 31.6 47.4
86 65.0 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 46.753 ug/l

RT: 5.25 min Scan# 576

Delta R.T. -0.02 min

Lab File: VY001479.D

Acq: 03 Feb 2020 17:35

Instrument :

MSVOA_Y

ClientSampleId :

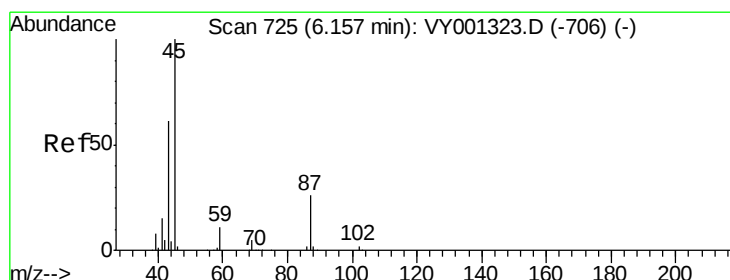
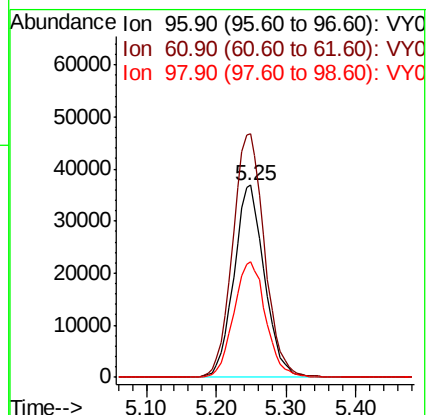
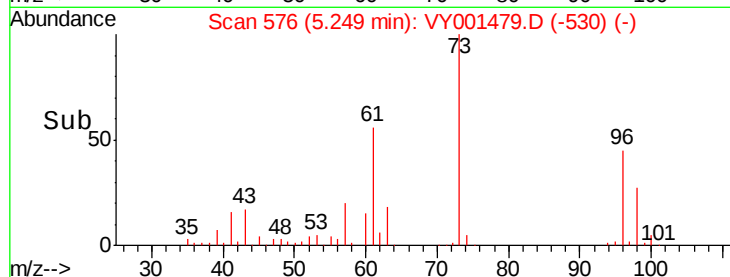
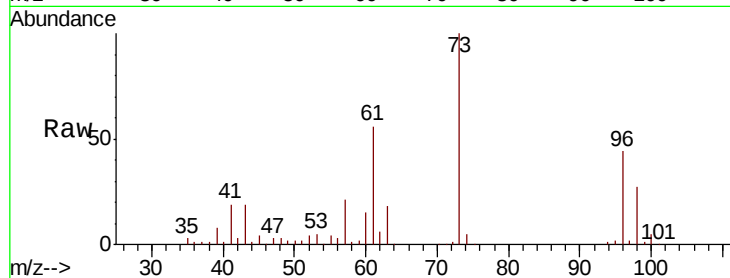
Tot Ion: 96 Resp: 111687

Ion Ratio Lower Upper

96 100

61 126.6 106.8 160.2

98 60.4 51.0 76.6



#22

Diisopropyl ether

Concen: 43.874 ug/l

RT: 6.14 min Scan# 723

Delta R.T. -0.01 min

Lab File: VY001479.D

Acq: 03 Feb 2020 17:35

Tgt Ion: 45 Resp: 341680

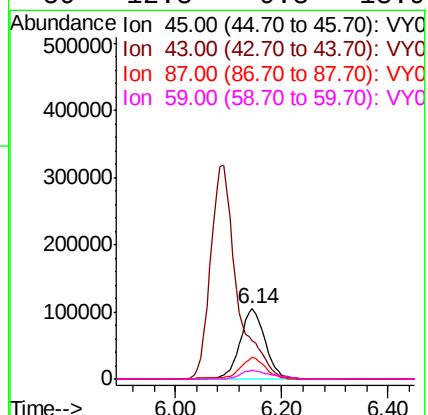
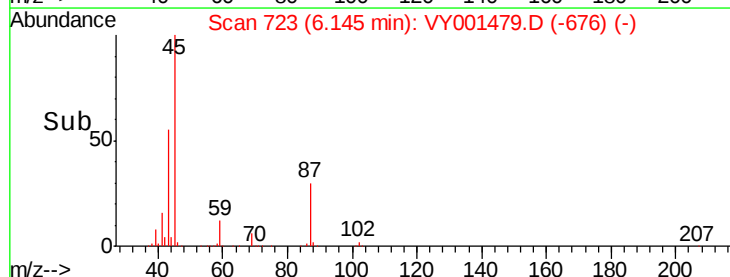
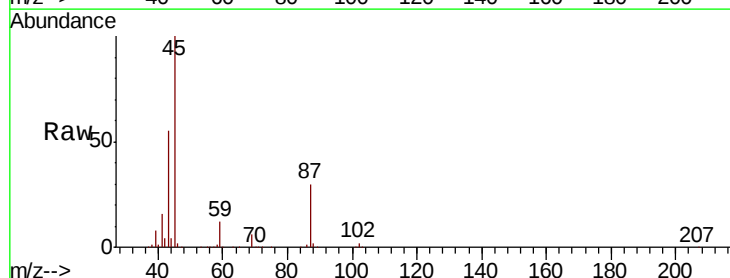
Ion Ratio Lower Upper

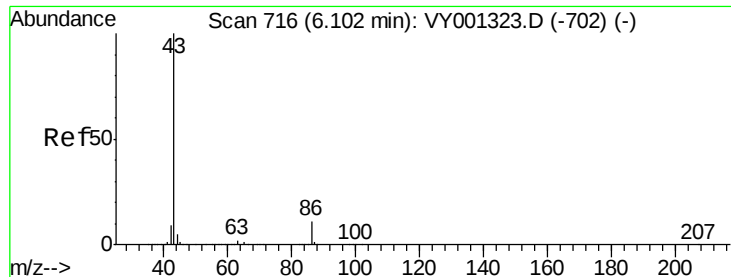
45 100

43 54.4 49.2 73.8

87 30.4 21.4 32.2

59 12.3 9.3 13.9





#23

Vinyl Acetate

Concen: 215.602 ug/l

RT: 6.09 min Scan# 714

Delta R.T. -0.01 min

Lab File: VY001479.D

Acq: 03 Feb 2020 17:35

Instrument :

MSVOA_Y

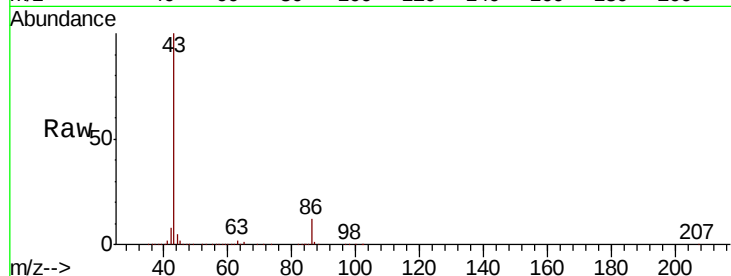
ClientSampleId :

Tot Ion: 43 Resp: 1090057

Ion Ratio Lower Upper

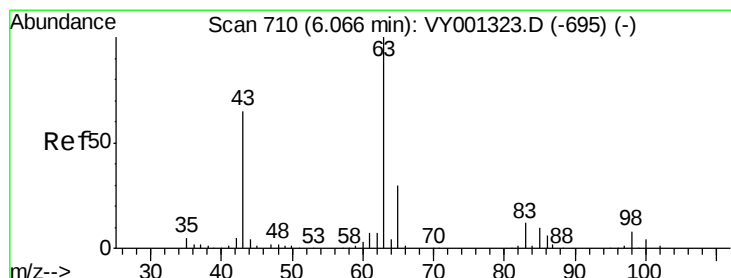
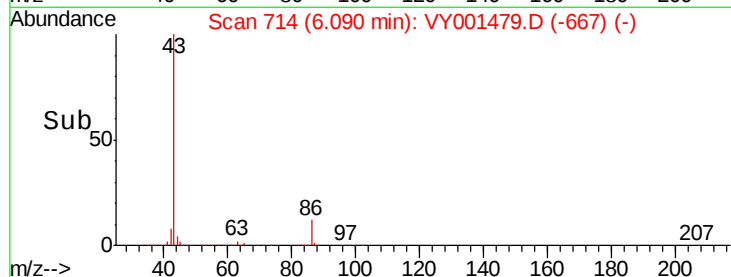
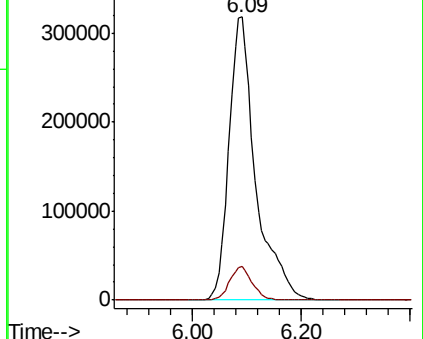
43 100

86 12.1 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 47.607 ug/l

RT: 6.04 min Scan# 706

Delta R.T. -0.02 min

Lab File: VY001479.D

Acq: 03 Feb 2020 17:35

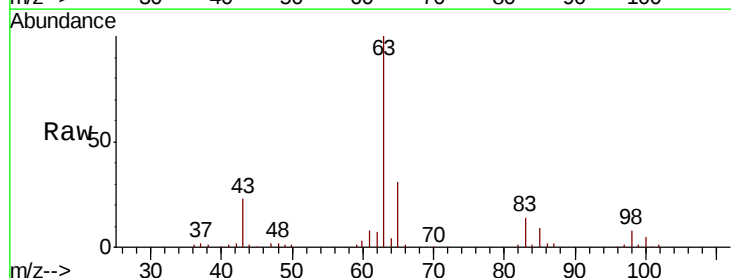
Tgt Ion: 63 Resp: 195422

Ion Ratio Lower Upper

63 100

98 7.5 4.0 12.0

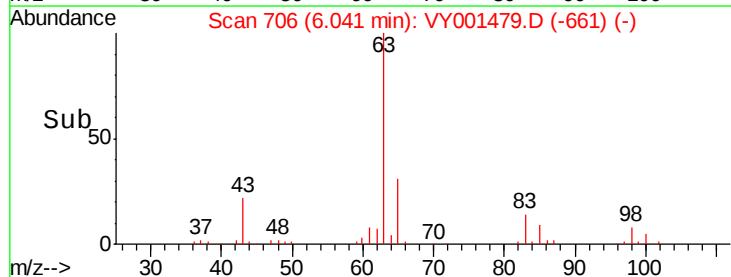
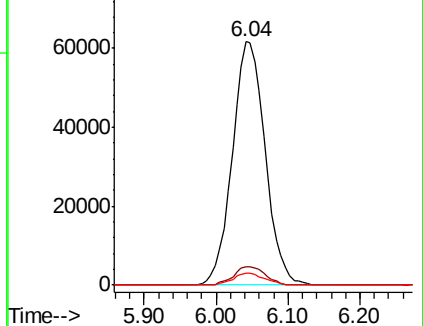
100 4.8 2.1 6.3

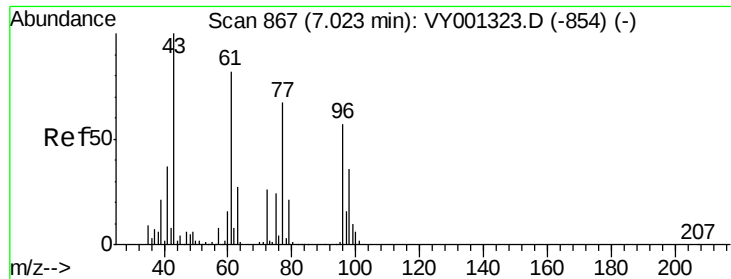


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

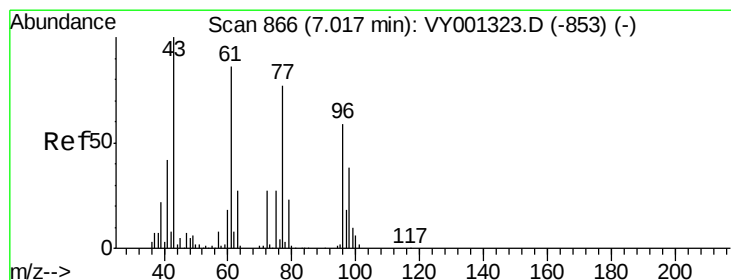
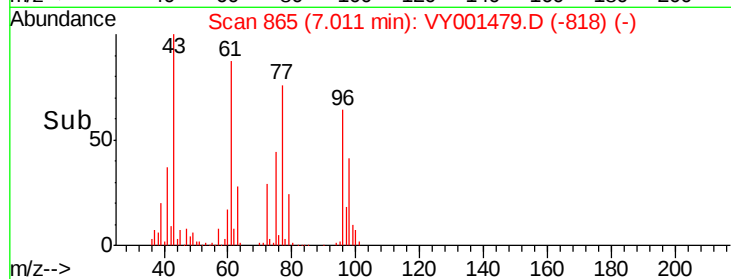
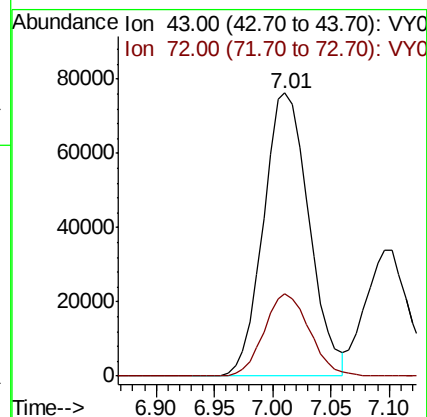
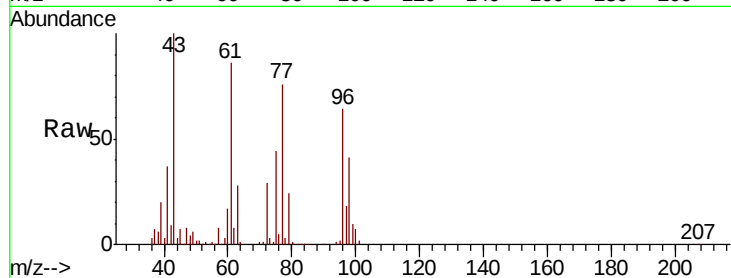




#25
2-Butanone
Concen: 225.619 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

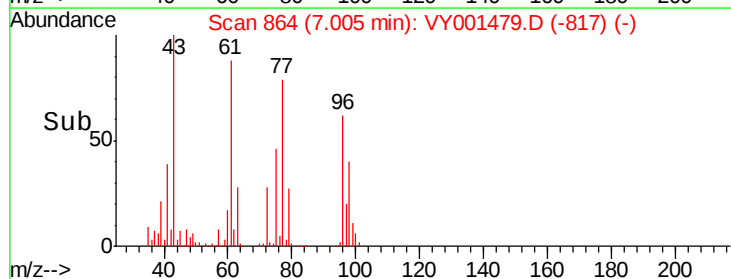
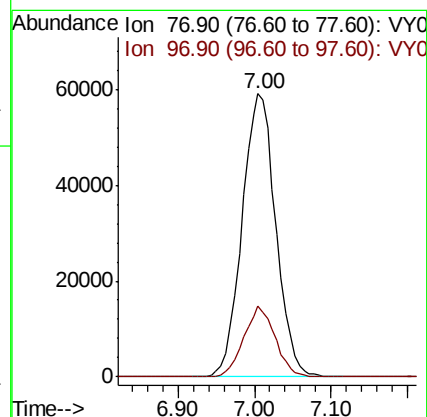
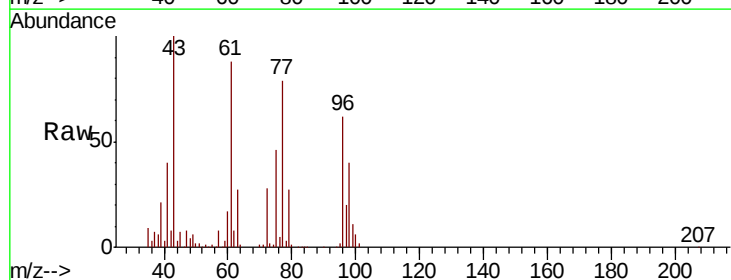
Instrument :
MSVOA_Y
ClientSampled :

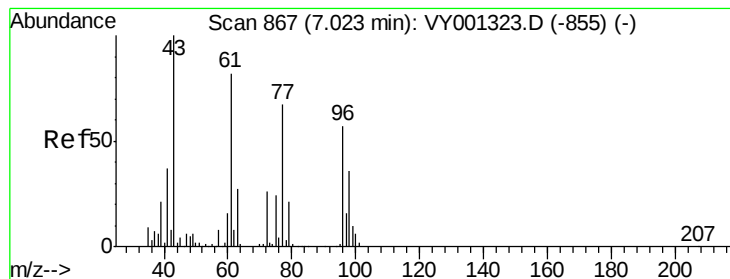
Tot Ion: 43 Resp: 206975
Ion Ratio Lower Upper
43 100
72 29.0 20.6 31.0



#26
2,2-Dichloropropane
Concen: 49.216 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.01 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

Tgt Ion: 77 Resp: 179954
Ion Ratio Lower Upper
77 100
97 23.4 11.9 35.5



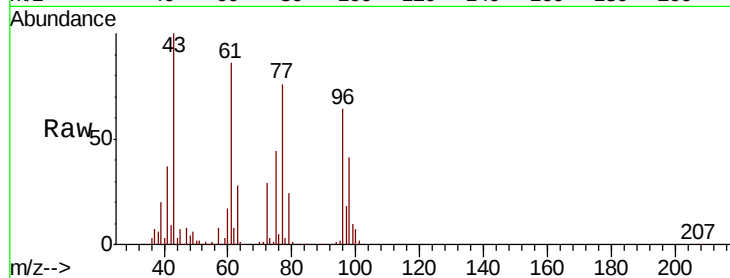


#27

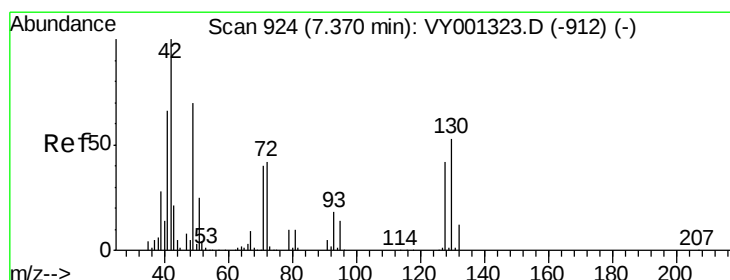
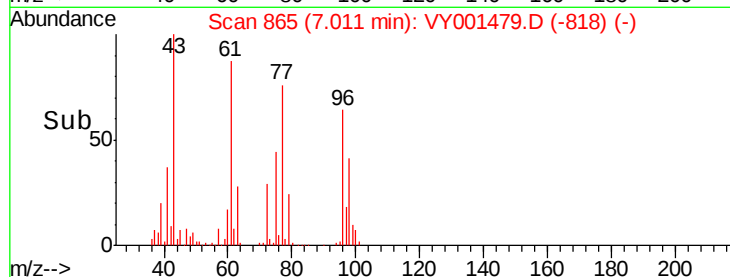
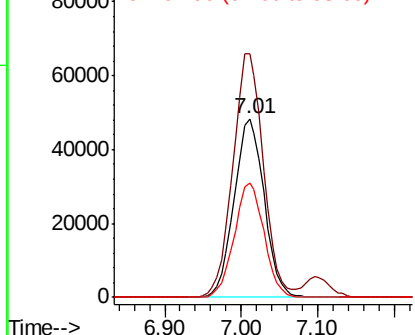
cis-1,2-Dichloroethene
Concen: 49.204 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 96 Resp: 131363
Ion Ratio Lower Upper
96 100
61 138.3 0.0 284.8
98 63.4 0.0 128.4



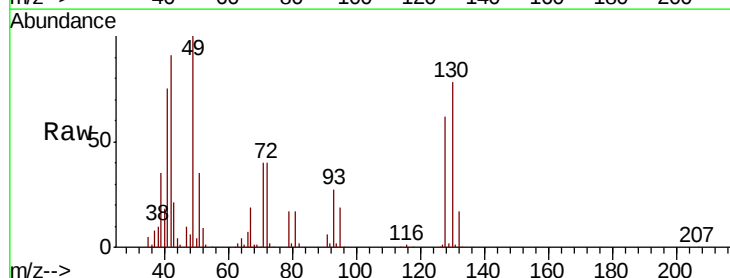
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



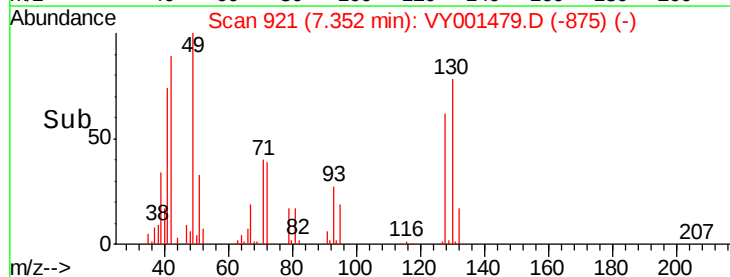
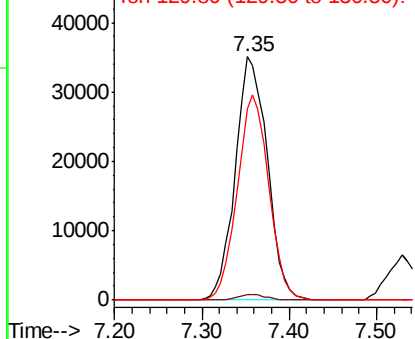
#28

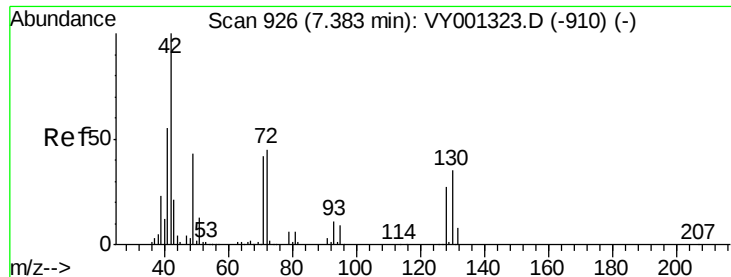
Bromochloromethane
Concen: 52.881 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.02 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

Tgt Ion: 49 Resp: 89519
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.0
130 82.7 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

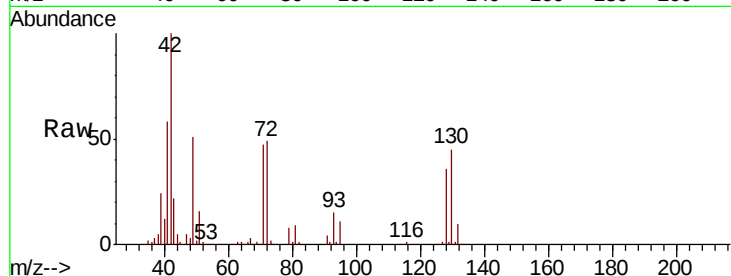




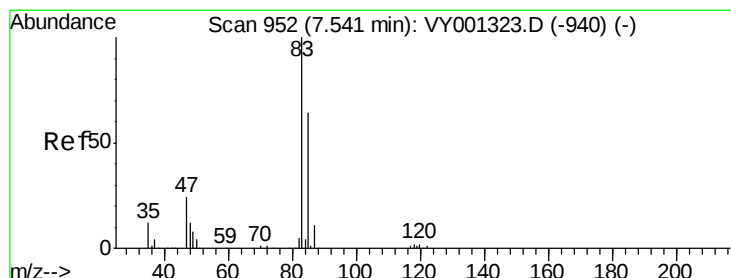
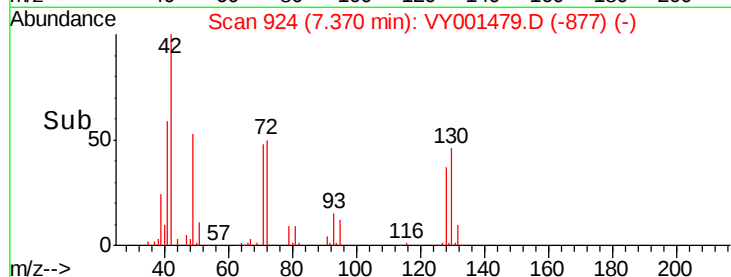
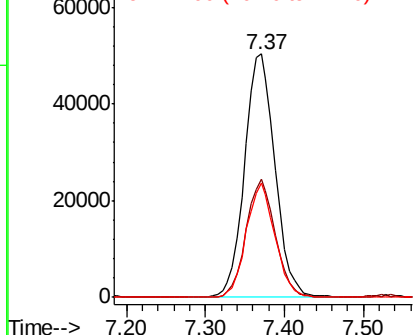
#29
Tetrahydrofuran
Concen: 226.009 ug/l
RT: 7.37 min Scan# 924
Delta R.T. -0.01 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 42 Resp: 134888
Ion Ratio Lower Upper
42 100
72 46.6 34.6 51.8
71 44.2 32.6 48.8

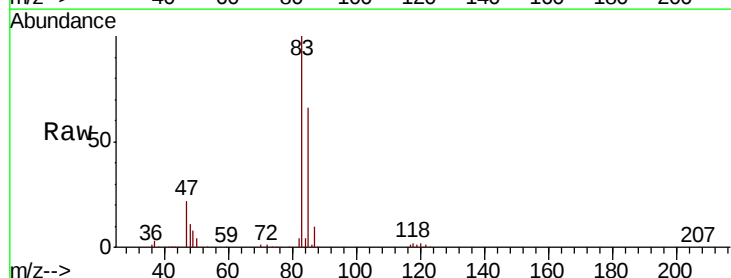


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

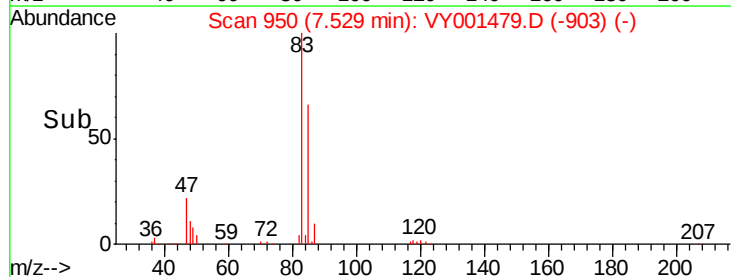
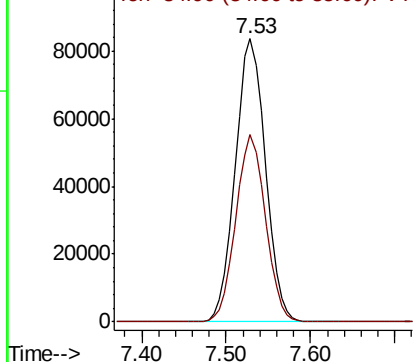


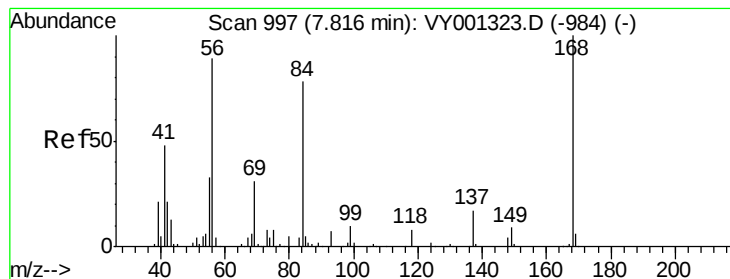
#30
Chloroform
Concen: 50.188 ug/l
RT: 7.53 min Scan# 950
Delta R.T. -0.01 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

Tgt Ion: 83 Resp: 201932
Ion Ratio Lower Upper
83 100
85 66.2 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: 42.858 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001479.D

Acq: 03 Feb 2020 17:35

Instrument :
MSVOA_Y
ClientSampleId :

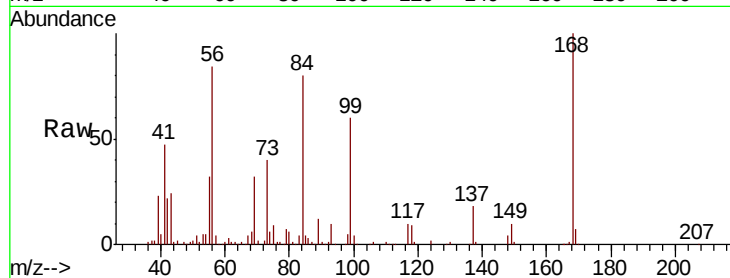
Tot Ion: 56 Resp: 174673

Ion Ratio Lower Upper

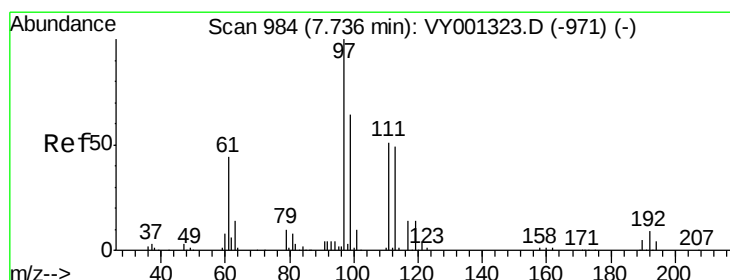
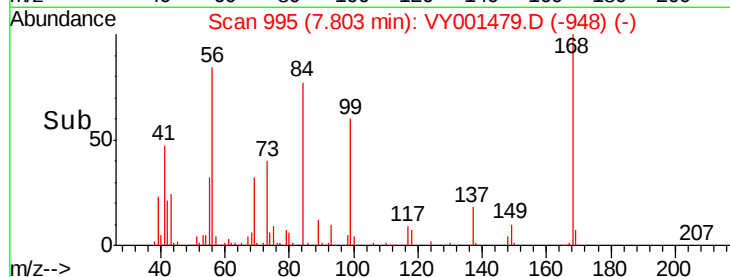
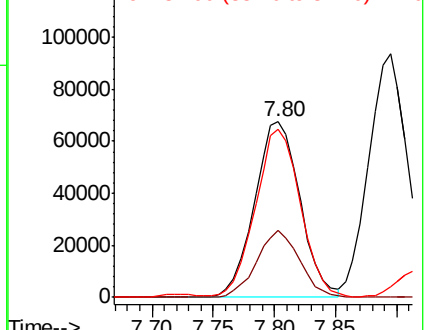
56 100

69 38.6 27.6 41.4

84 94.1 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: 52.594 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY001479.D

Acq: 03 Feb 2020 17:35

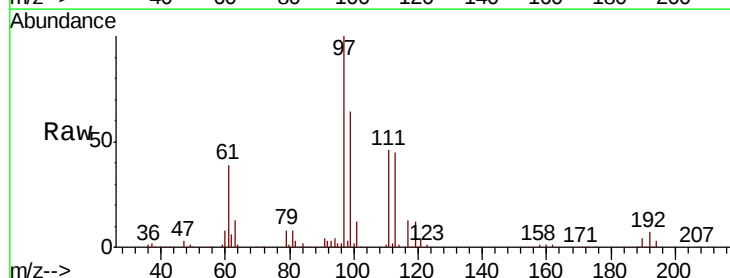
Tgt Ion: 97 Resp: 178678

Ion Ratio Lower Upper

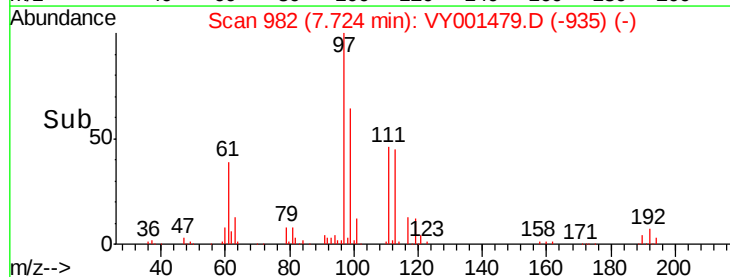
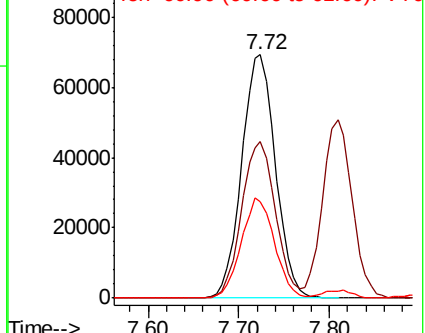
97 100

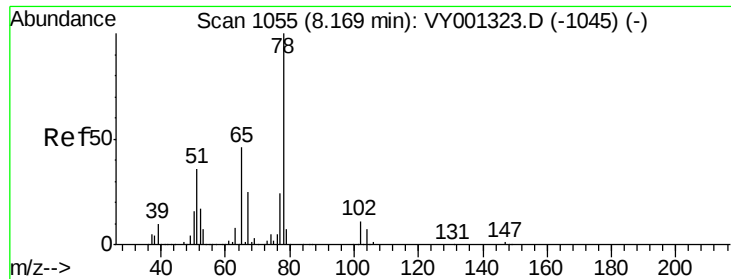
99 64.4 51.3 76.9

61 40.6 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

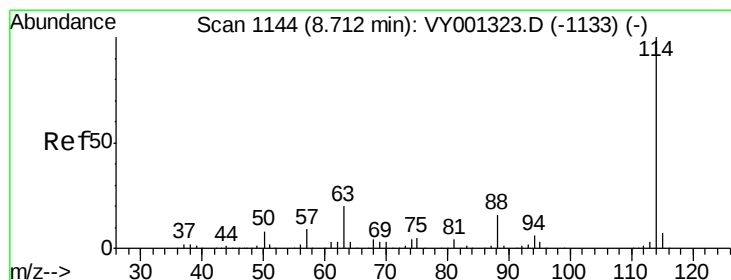
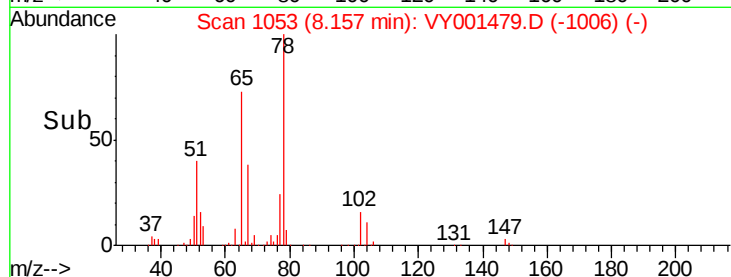
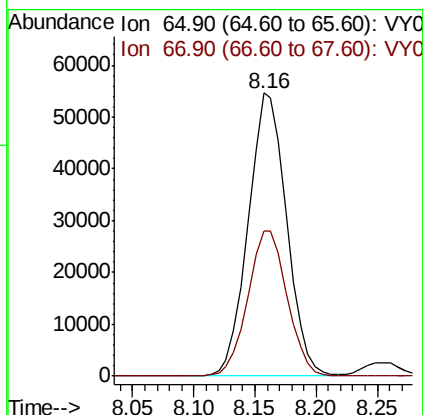
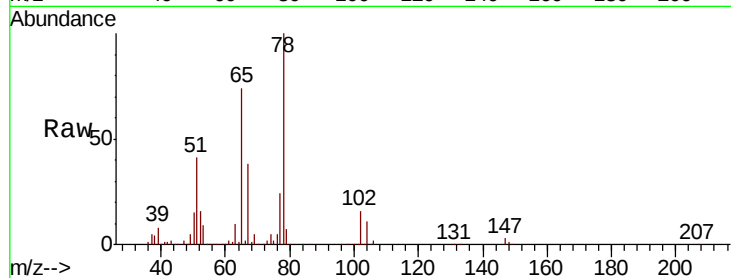




#33
 1,2-Dichloroethane-d4
 Concen: 56.666 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY001479.D
 Acq: 03 Feb 2020 17:35

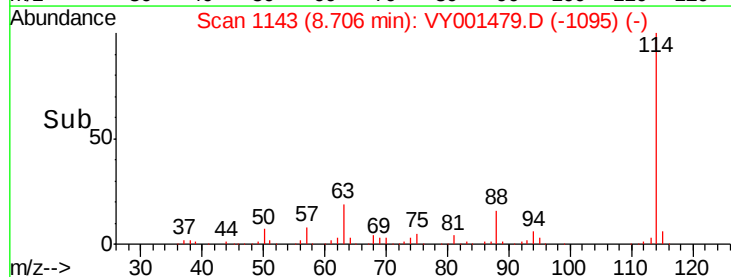
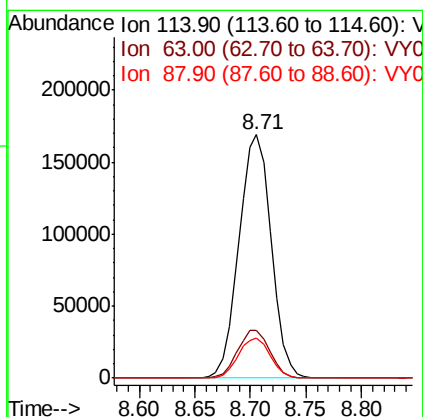
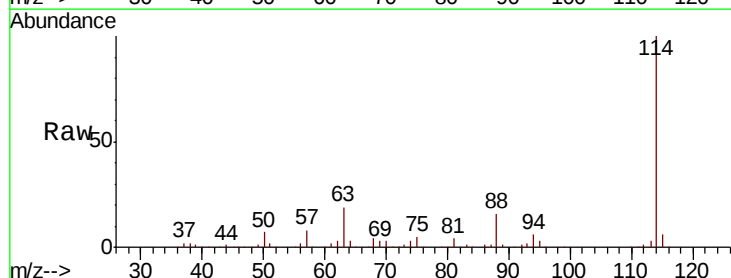
Instrument :
 MSVOA_Y
 ClientSampleId :

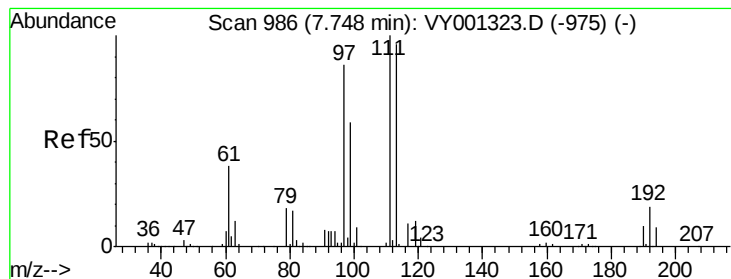
Tot Ion: 65 Resp: 119433
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001479.D
 Acq: 03 Feb 2020 17:35

Tgt Ion: 114 Resp: 339968
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.8
 88 16.3 0.0 31.0





#35

Dibromofluoromethane

Concen: 56.806 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.01 min

Lab File: VY001479.D

Acq: 03 Feb 2020 17:35

Instrument :
MSVOA_Y
ClientSampleId :

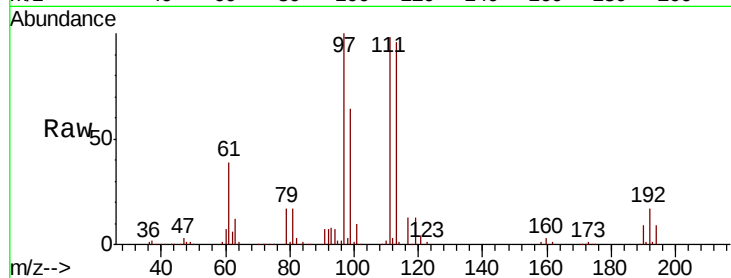
Tot Ion:113 Resp: 113346

Ion Ratio Lower Upper

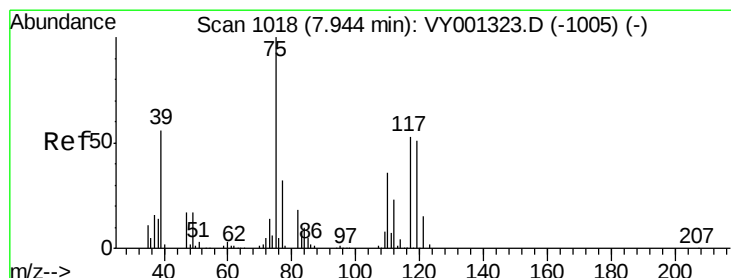
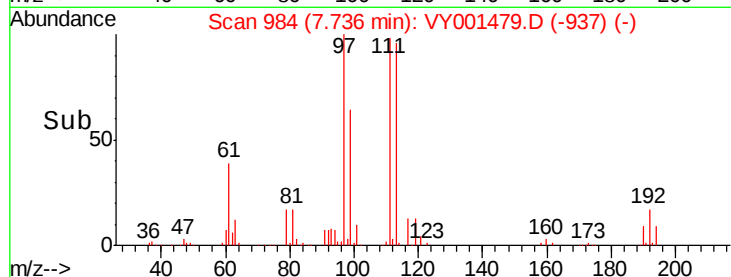
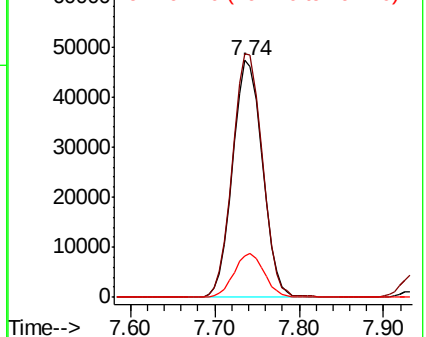
113 100

111 103.1 82.8 124.2

192 18.6 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: 48.596 ug/l

RT: 7.94 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VY001479.D

Acq: 03 Feb 2020 17:35

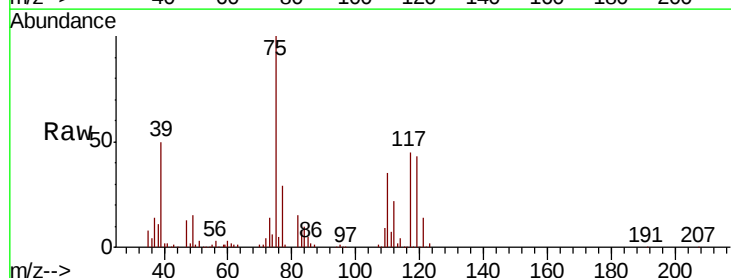
Tgt Ion: 75 Resp: 156083

Ion Ratio Lower Upper

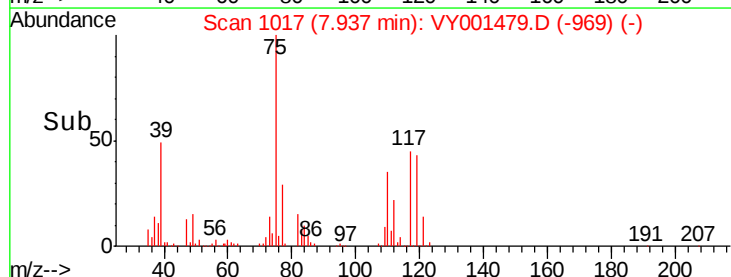
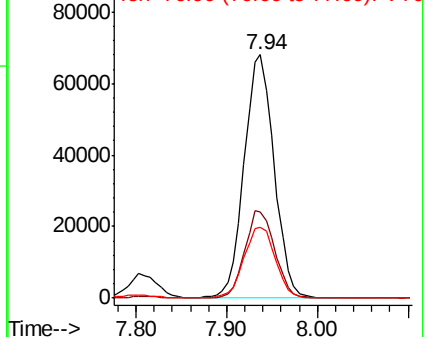
75 100

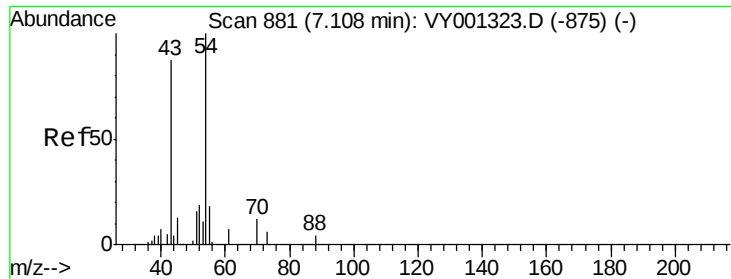
110 35.7 17.6 52.8

77 30.6 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

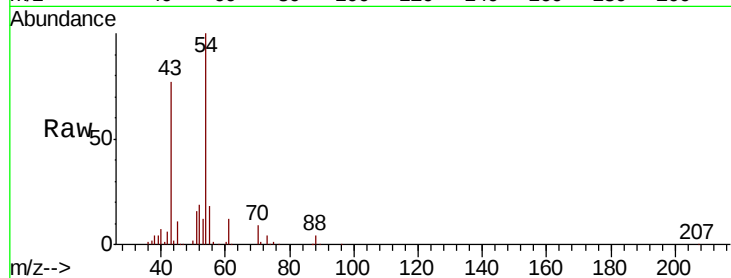




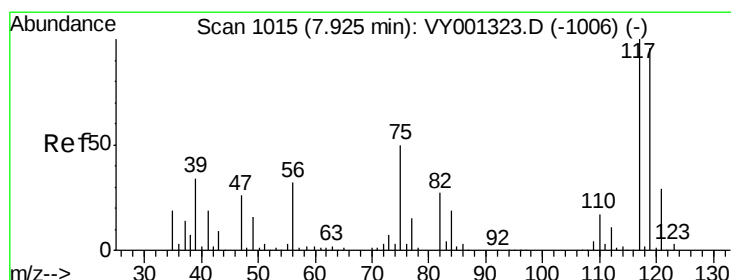
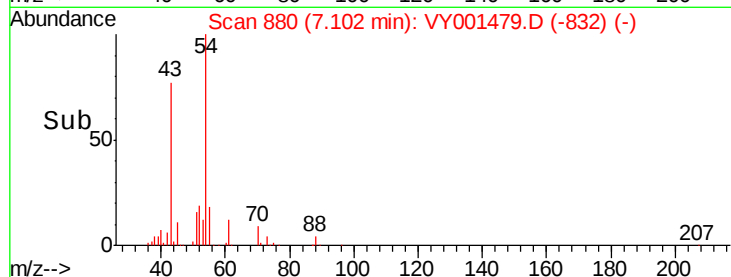
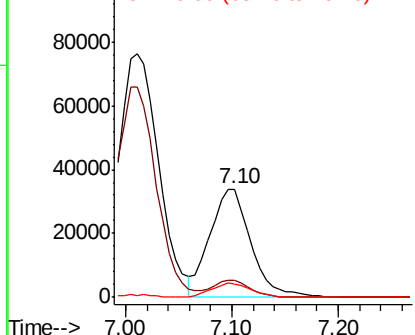
#37
Ethyl Acetate
Concen: 45.972 ug/l
RT: 7.10 min Scan# 880
Delta R.T. -0.01 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 90213
Ion Ratio Lower Upper
43 100
61 14.4 11.3 16.9
70 12.7 8.7 13.1

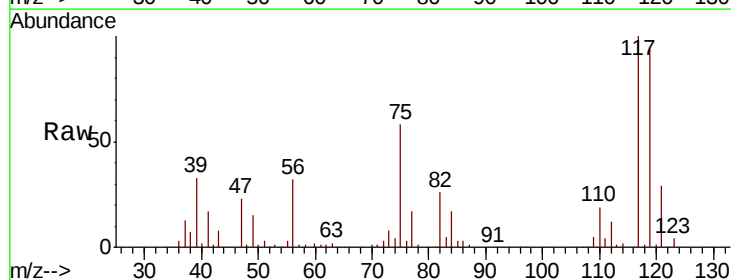


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

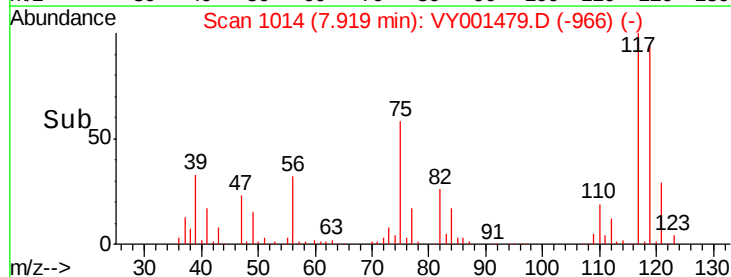
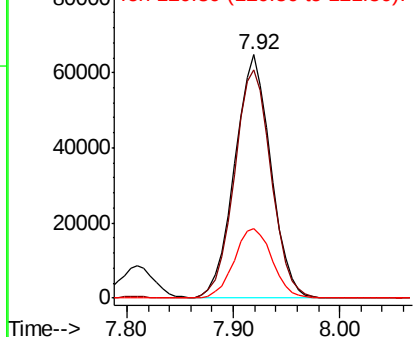


#38
Carbon Tetrachloride
Concen: 54.069 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

Tgt Ion: 117 Resp: 154772
Ion Ratio Lower Upper
117 100
119 93.9 76.3 114.5
121 28.6 23.5 35.3



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

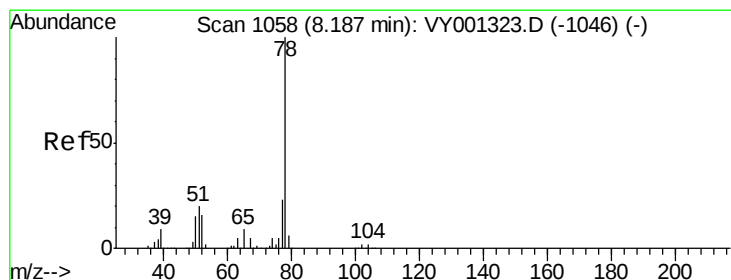
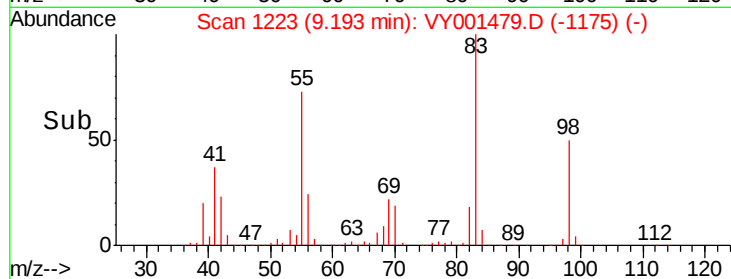
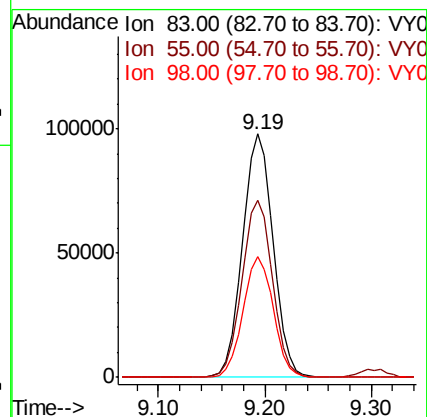
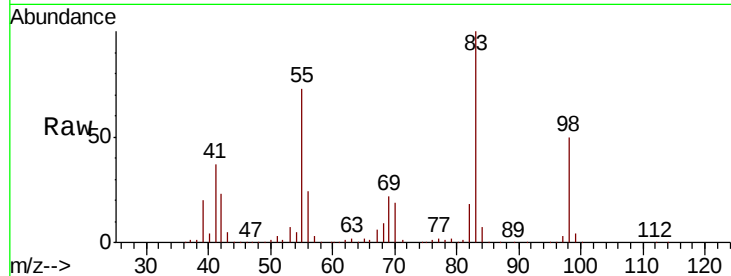




#39
Methvlcvclohexane
Concen: 48.107 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

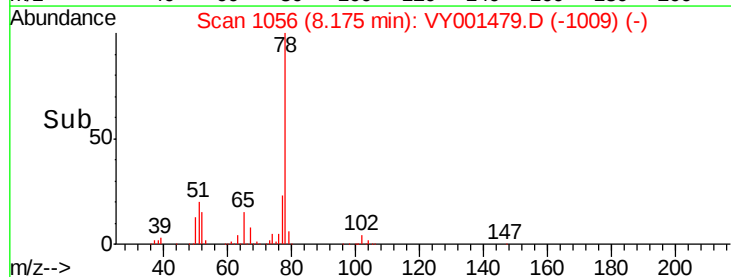
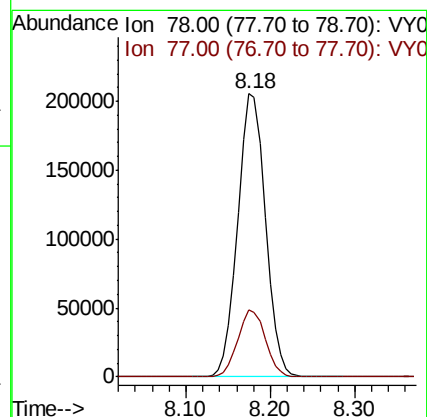
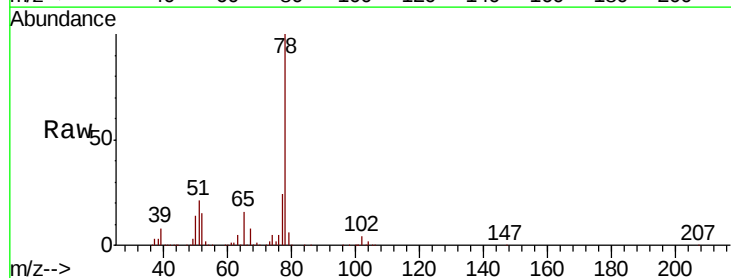
Instrument :
MSVOA_Y
ClientSampleId :

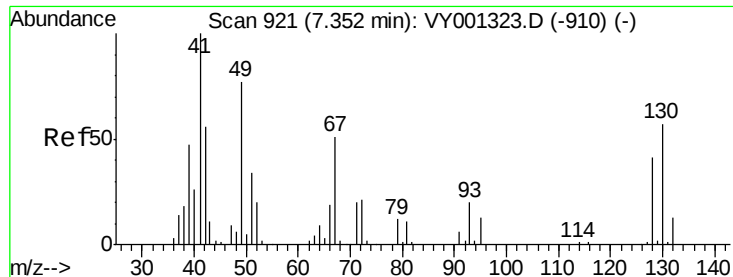
Tot Ion	83.00	Resp	197937
Ion	Ratio	Lower	Upper
83	100		
55	72.6	60.7	91.1
98	49.7	37.8	56.8



#40
Benzene
Concen: 47.435 ug/l
RT: 8.18 min Scan# 1056
Delta R.T. -0.01 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

Tgt Ion	78.00	Resp	456825
Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.6	27.8

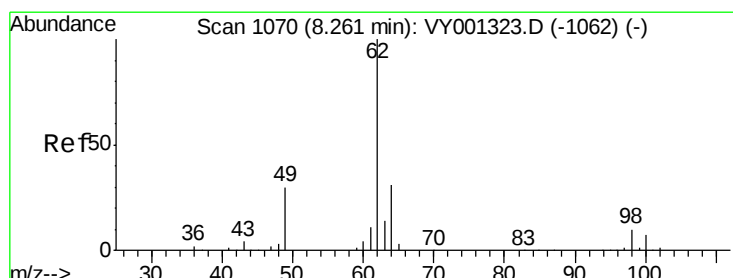
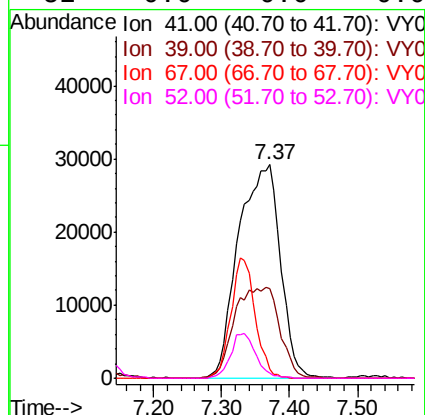
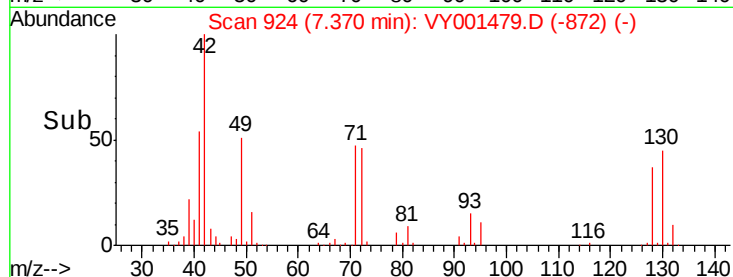
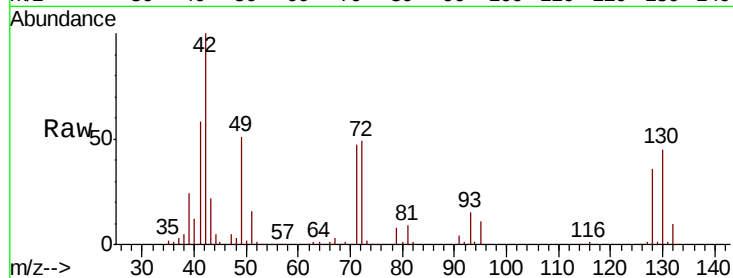




#41
Methacrylonitrile
Concen: 123.326 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.02 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

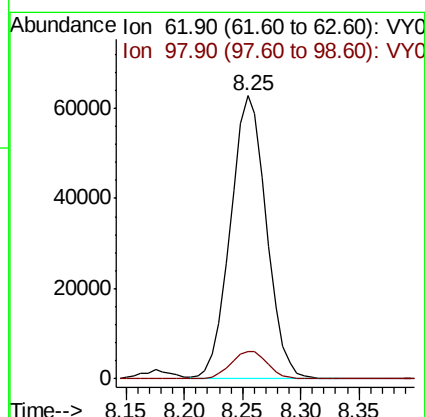
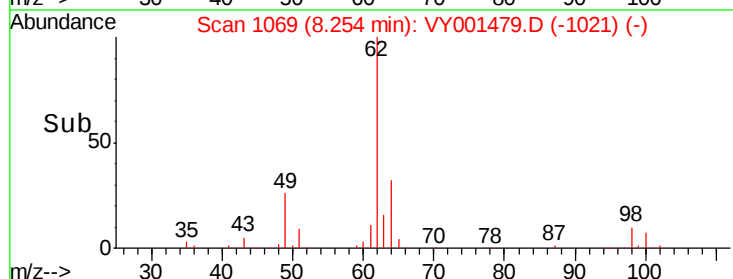
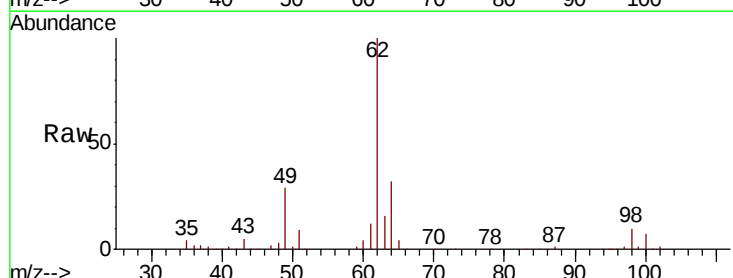
Instrument :
MSVOA_Y
ClientSampled :

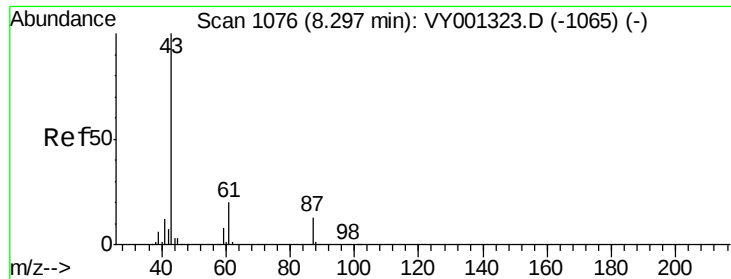
Tot Ion: 41 Resp: 124885
Ion Ratio Lower Upper
41 100
39 45.6 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 50.090 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

Tgt Ion: 62 Resp: 134789
Ion Ratio Lower Upper
62 100
98 10.0 0.0 20.8

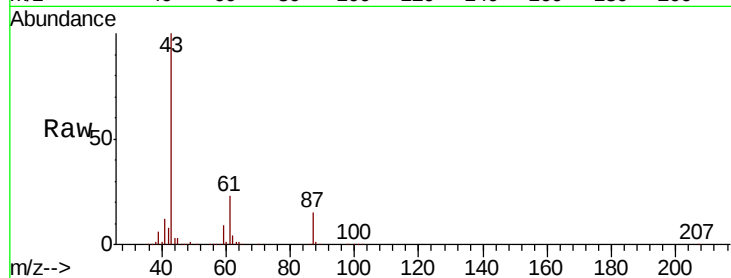




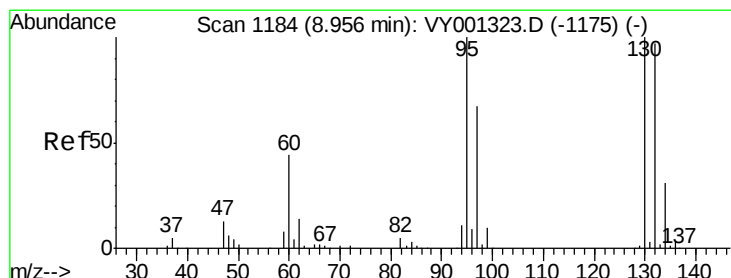
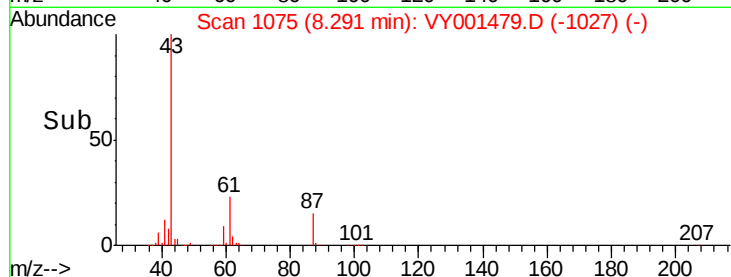
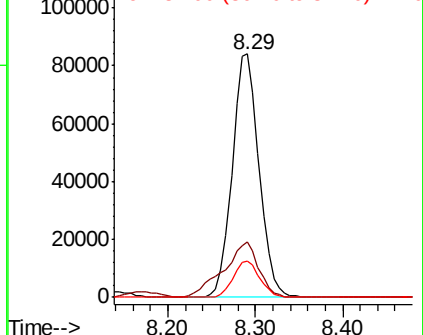
#43
Isopropyl Acetate
Concen: 46.685 ug/l
RT: 8.29 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 178140
Ion Ratio Lower Upper
43 100
61 30.0 22.7 34.1
87 14.9 11.0 16.4

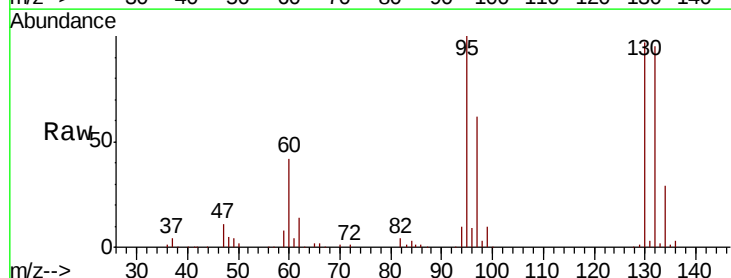


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

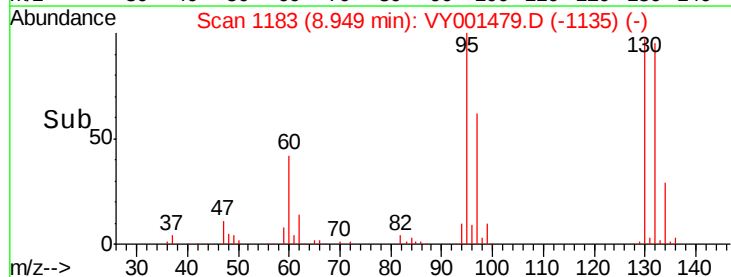
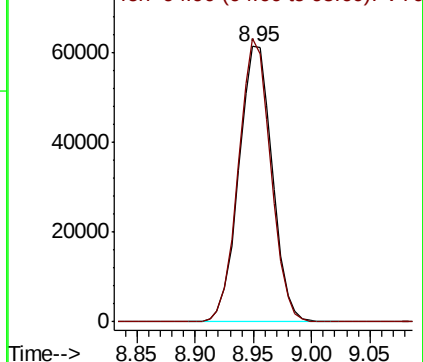


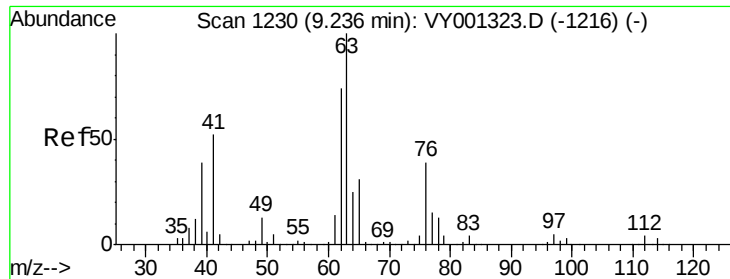
#44
Trichloroethene
Concen: 49.888 ug/l
RT: 8.95 min Scan# 1183
Delta R.T. -0.01 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

Tgt Ion:130 Resp: 123289
Ion Ratio Lower Upper
130 100
95 102.7 0.0 200.0



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

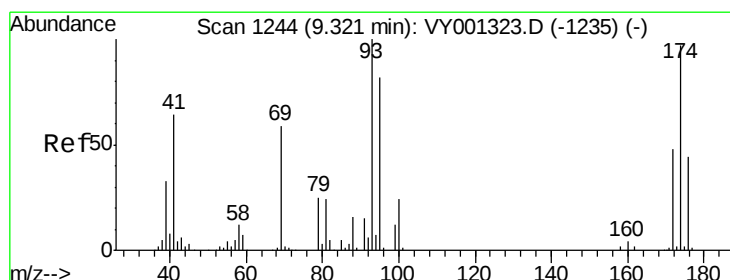
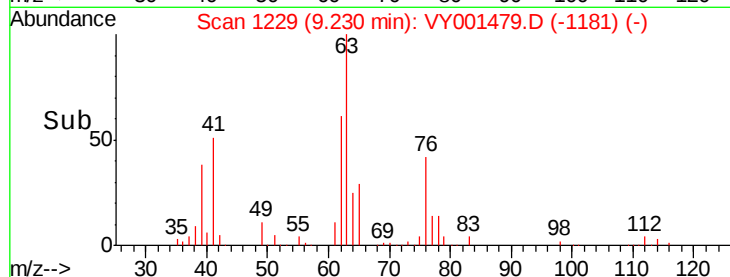
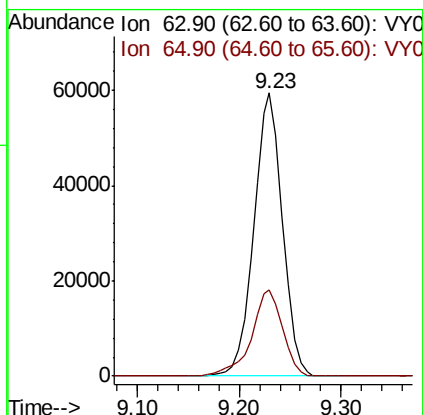
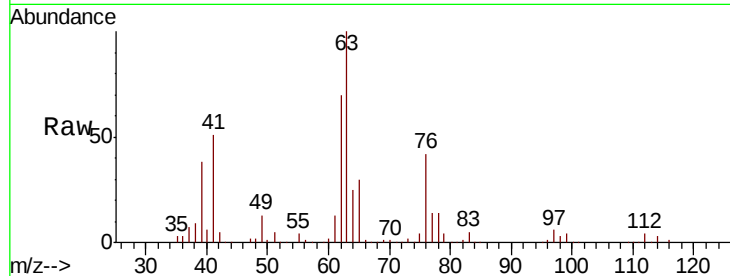




#45
 1,2-Dichloropropane
 Concen: 47.580 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: VY001479.D
 Acq: 03 Feb 2020 17:35

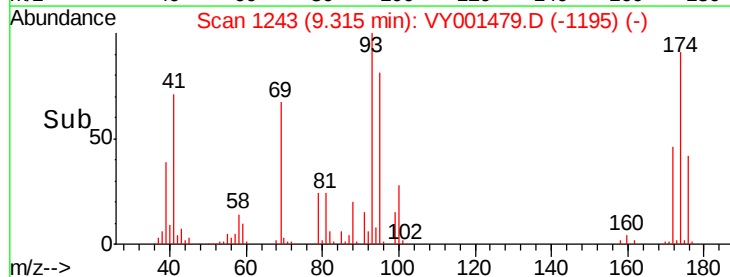
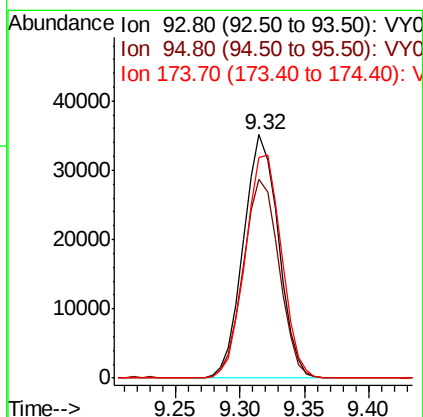
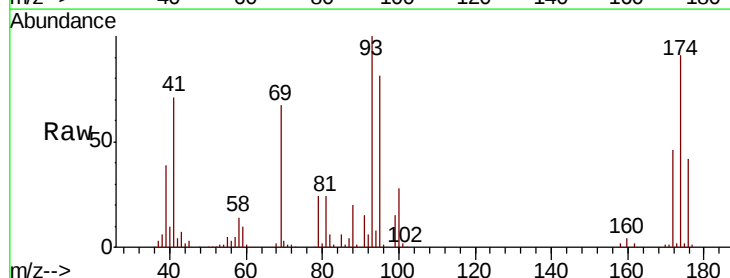
Instrument :
 MSVOA_Y
 ClientSampleId :

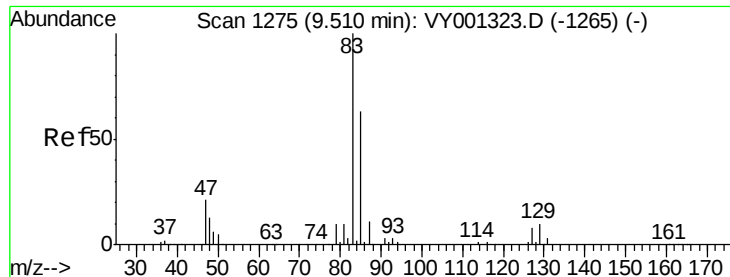
Tot Ion: 63 Resp: 115835
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.9 37.3



#46
 Dibromomethane
 Concen: 50.555 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: VY001479.D
 Acq: 03 Feb 2020 17:35

Tgt Ion: 93 Resp: 66075
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.5 99.7
 174 94.9 77.9 116.9





#47

Bromodichloromethane

Concen: 51.879 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VY001479.D

Acq: 03 Feb 2020 17:35

Instrument :

MSVOA_Y

ClientSampled :

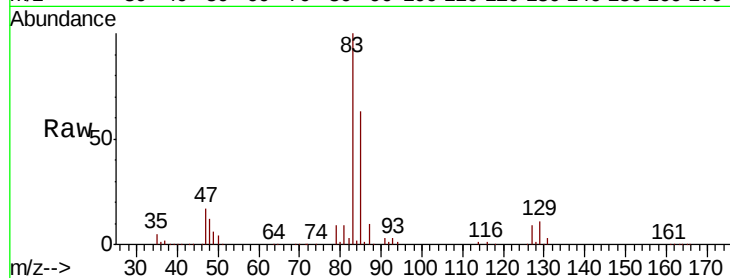
Tot Ion: 83 Resp: 162090

Ion Ratio Lower Upper

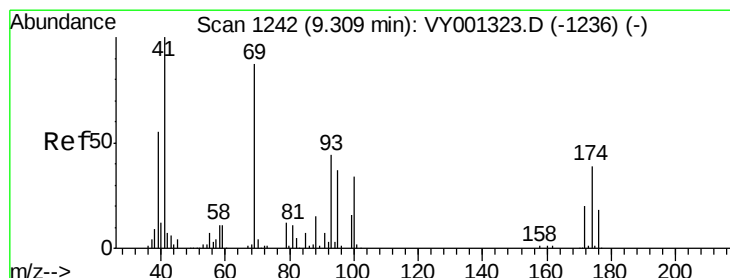
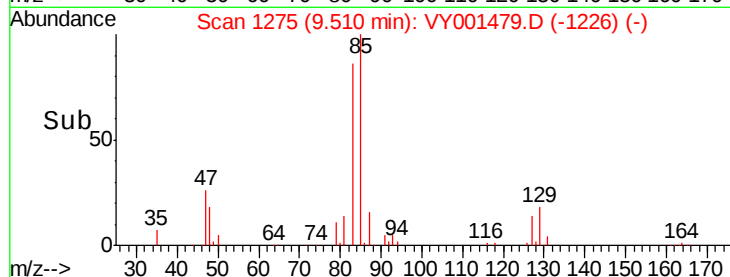
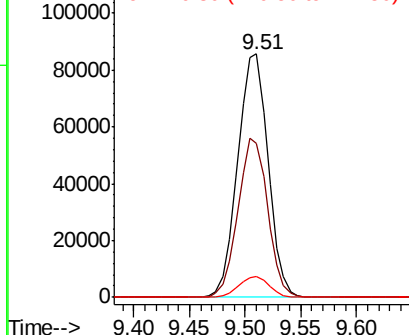
83 100

85 63.3 50.2 75.2

127 8.8 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: 46.070 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY001479.D

Acq: 03 Feb 2020 17:35

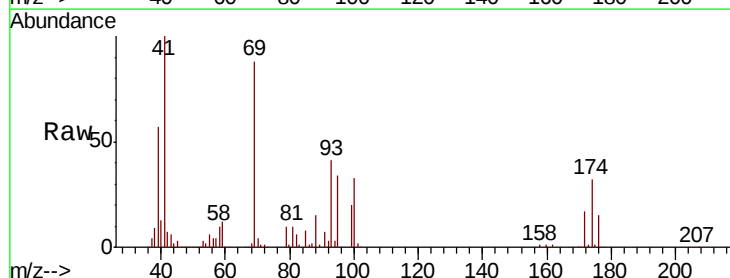
Tgt Ion: 41 Resp: 79916

Ion Ratio Lower Upper

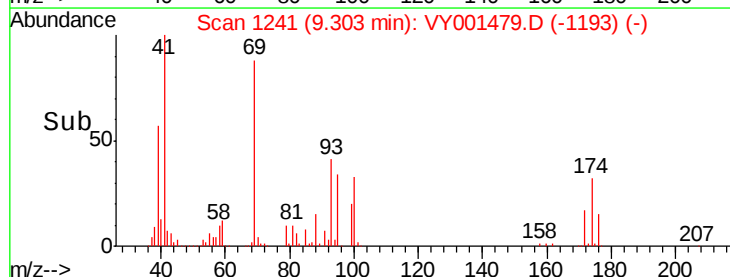
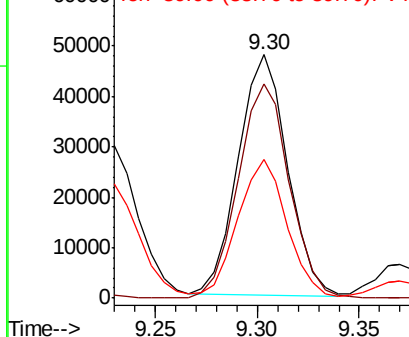
41 100

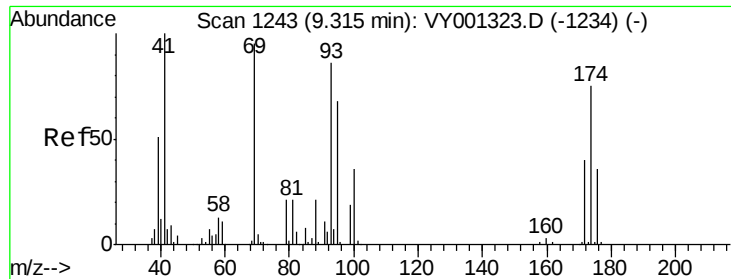
69 93.0 70.2 105.4

39 58.1 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: 1053.059 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.01 min

Lab File: VY001479.D

Acq: 03 Feb 2020 17:35

Instrument :
MSVOA_Y
ClientSampled :

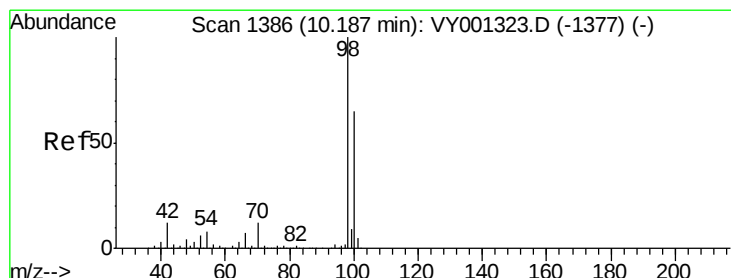
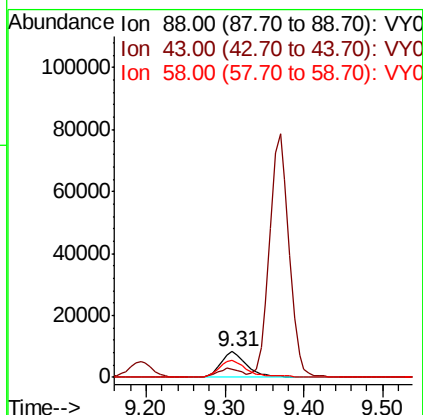
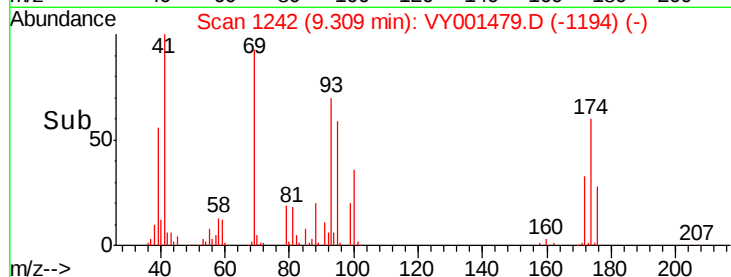
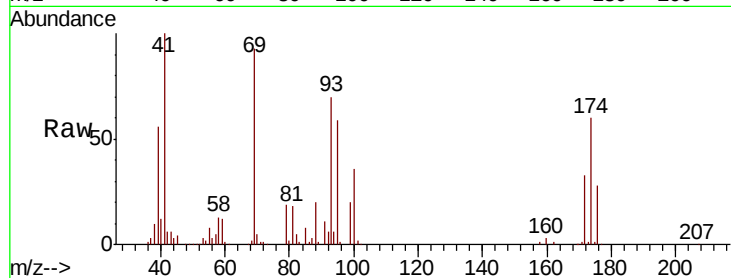
Tot Ion: 88 Resp: 19409

Ion Ratio Lower Upper

88 100

43 29.1 28.2 42.2

58 71.4 55.6 83.4



#50

Toluene-d8

Concen: 55.548 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY001479.D

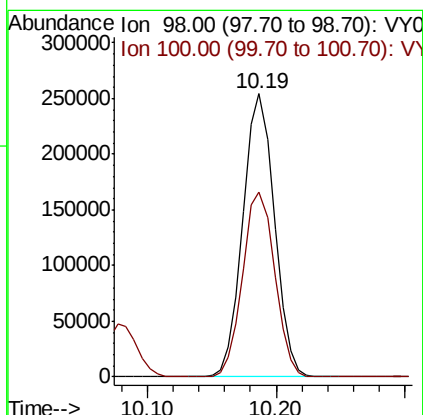
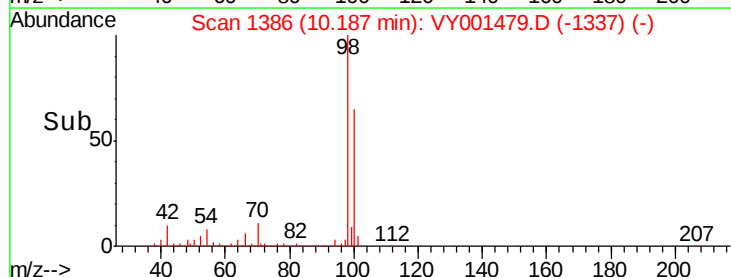
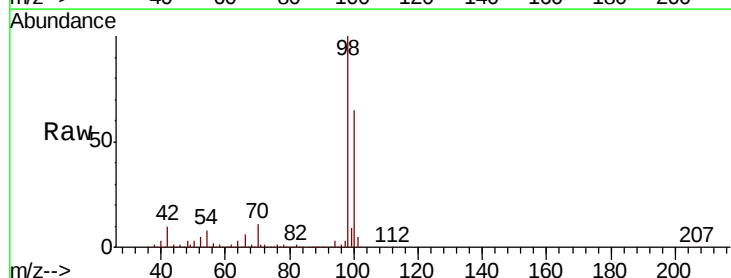
Acq: 03 Feb 2020 17:35

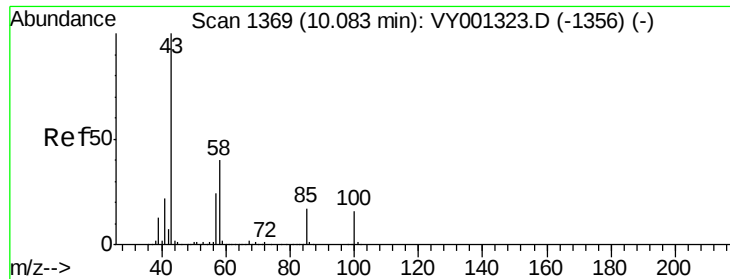
Tgt Ion: 98 Resp: 430617

Ion Ratio Lower Upper

98 100

100 66.6 52.6 79.0





#51

4-Methyl-2-Pentanone

Concen: 230.160 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VY001479.D

Acq: 03 Feb 2020 17:35

Instrument :

MSVOA_Y

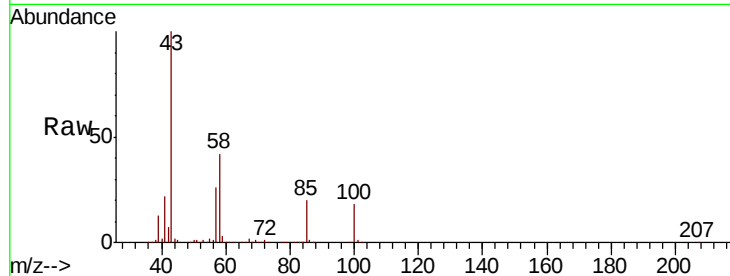
ClientSampled :

Tot Ion: 43 Resp: 452278

Ion Ratio Lower Upper

43 100

58 41.8 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.08

250000

200000

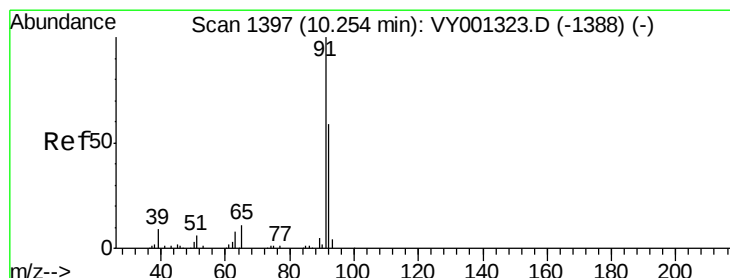
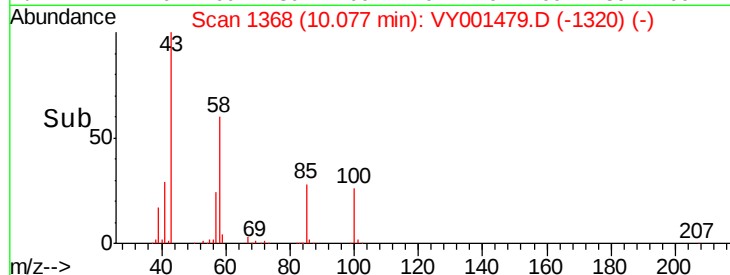
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 47.811 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.01 min

Lab File: VY001479.D

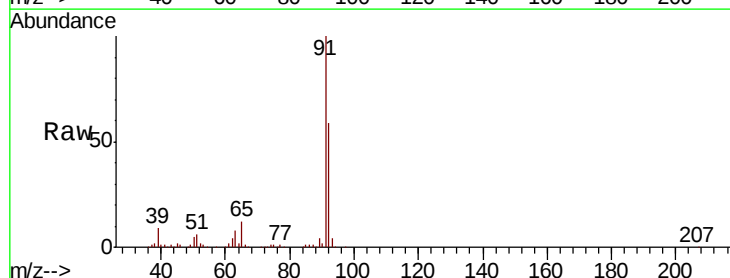
Acq: 03 Feb 2020 17:35

Tgt Ion: 92 Resp: 291875

Ion Ratio Lower Upper

92 100

91 172.4 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

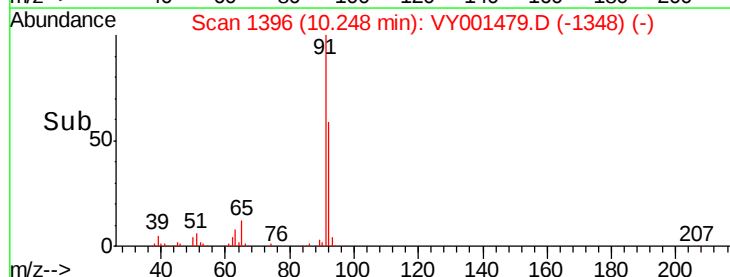
300000

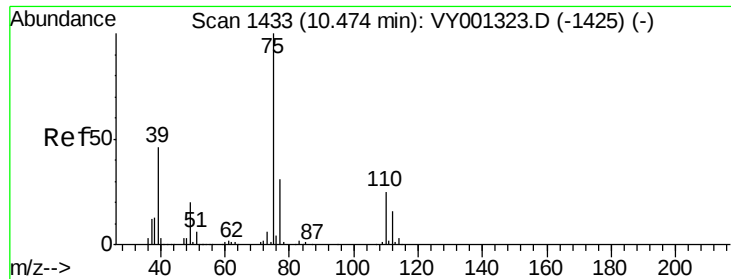
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 50.883 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.00 min

Lab File: VY001479.D

Acq: 03 Feb 2020 17:35

Instrument :

MSVOA_Y

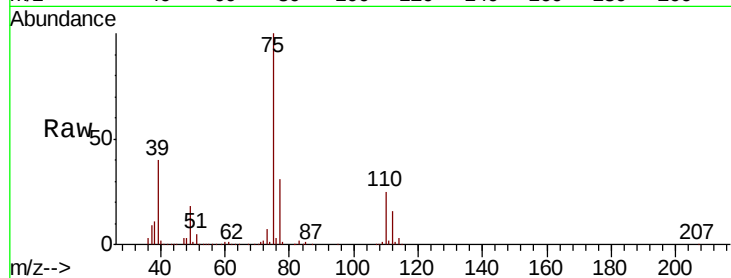
ClientSampleId :

Tot Ion: 75 Resp: 176210

Ion Ratio Lower Upper

75 100

77 31.2 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

120000

100000

80000

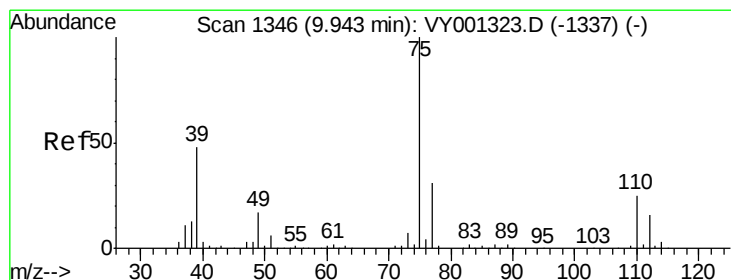
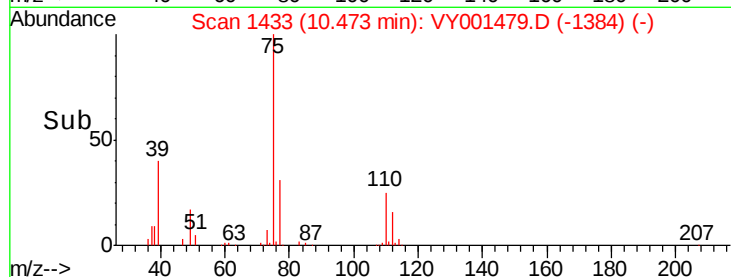
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 50.021 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VY001479.D

Acq: 03 Feb 2020 17:35

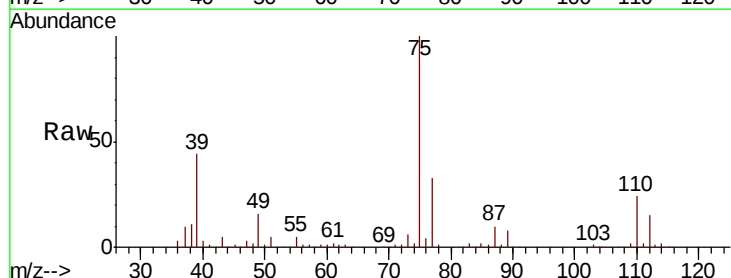
Tgt Ion: 75 Resp: 198827

Ion Ratio Lower Upper

75 100

77 32.6 25.0 37.6

39 44.4 38.2 57.4



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

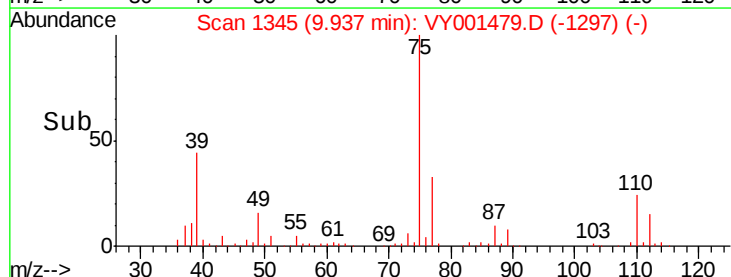
150000

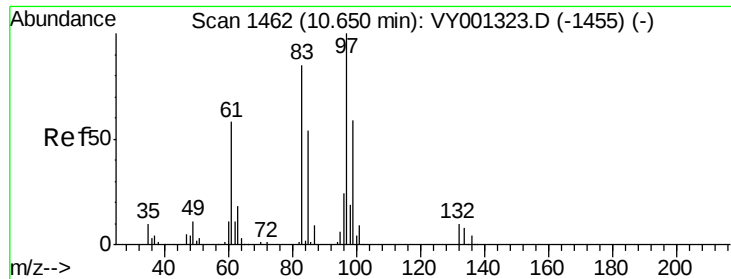
100000

50000

0

Time-->

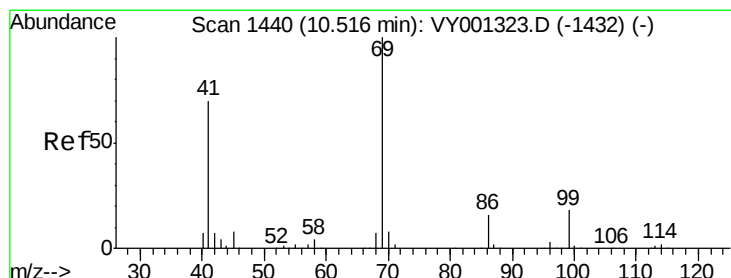
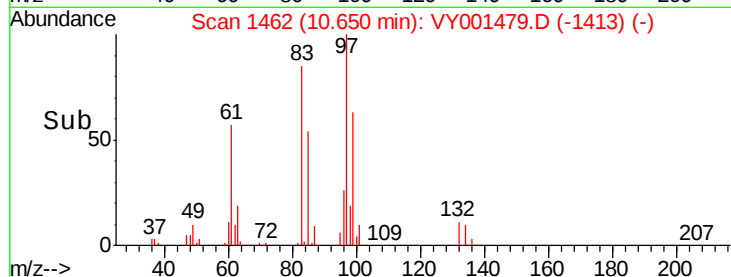
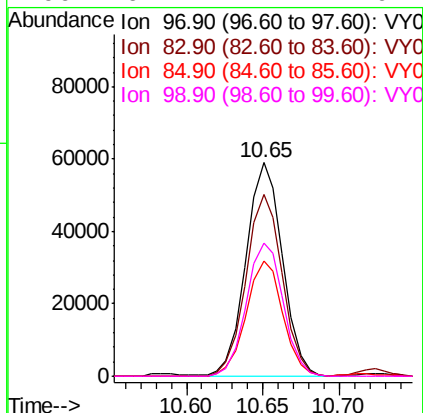
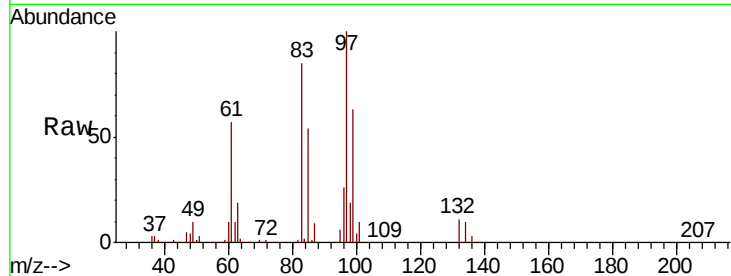




#55
 1,1,2-Trichloroethane
 Concen: 50.540 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: VY001479.D
 Acq: 03 Feb 2020 17:35

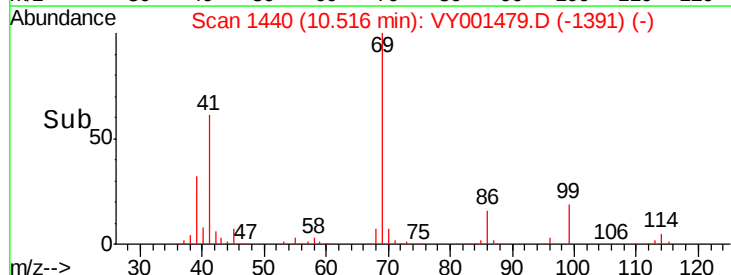
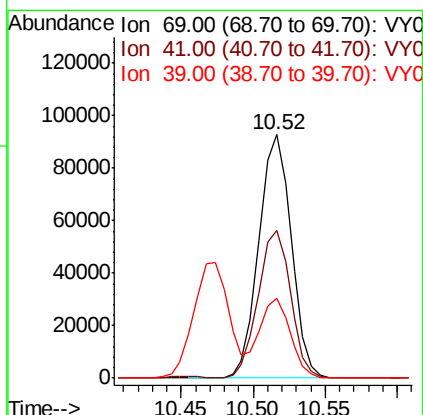
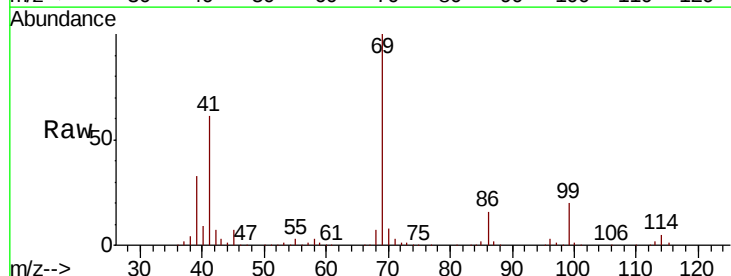
Instrument :
 MSVOA_Y
 ClientSampleId :

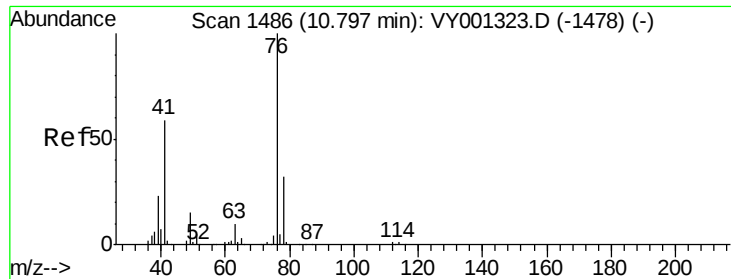
Tot Ion	97	Resp	97497
Ion	Ratio	Lower	Upper
97	100		
83	85.2	68.0	102.0
85	54.2	43.6	65.4
99	62.7	47.1	70.7



#56
 Ethyl methacrylate
 Concen: 49.664 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VY001479.D
 Acq: 03 Feb 2020 17:35

Tgt Ion	69	Resp	144803
Ion	Ratio	Lower	Upper
69	100		
41	60.6	54.1	81.1
39	31.9	26.8	40.2

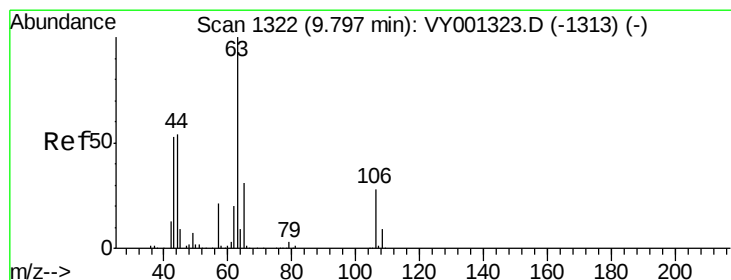
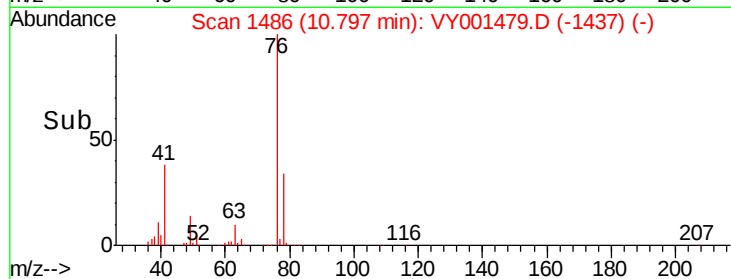
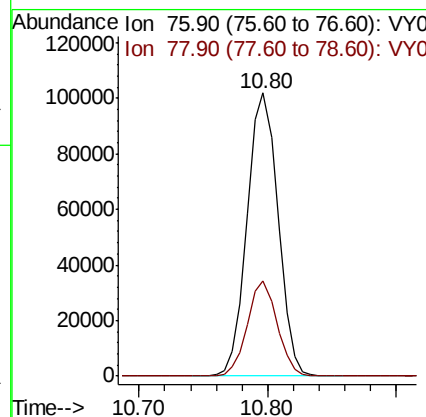
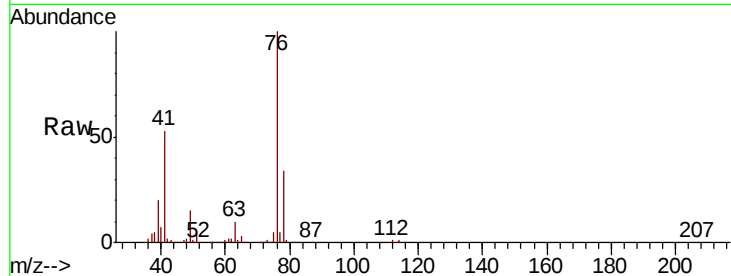




#57
 1,3-Dichloropropane
 Concen: 50.118 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VY001479.D
 Acq: 03 Feb 2020 17:35

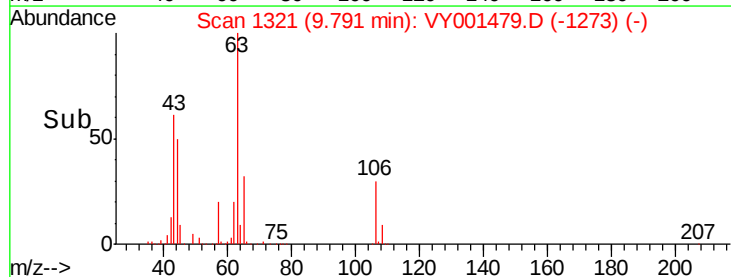
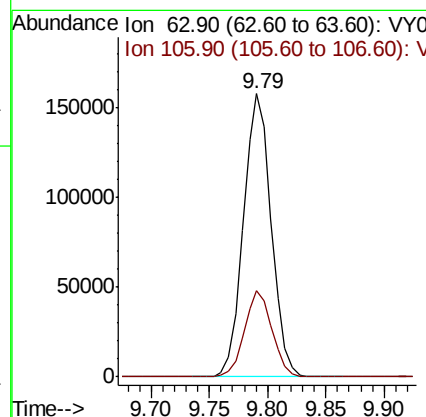
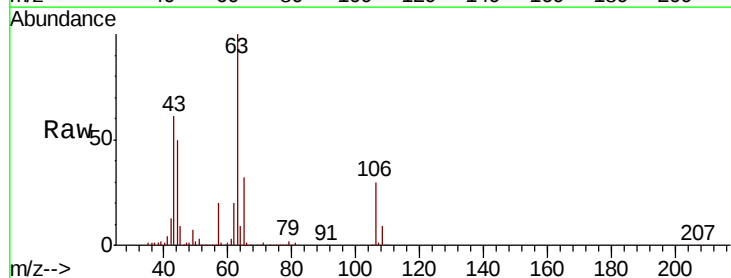
Instrument :
 MSVOA_Y
 ClientSampleId :

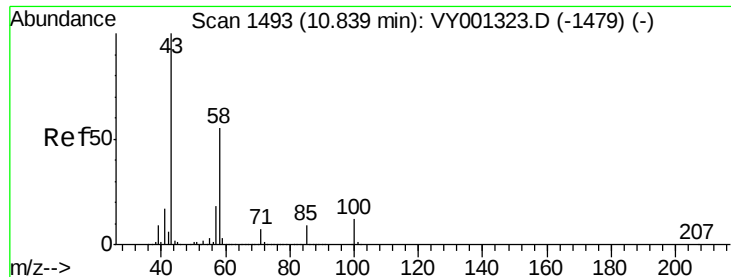
Tot Ion: 76 Resp: 168418
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 259.528 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: VY001479.D
 Acq: 03 Feb 2020 17:35

Tgt Ion: 63 Resp: 261844
 Ion Ratio Lower Upper
 63 100
 106 30.2 22.5 33.7

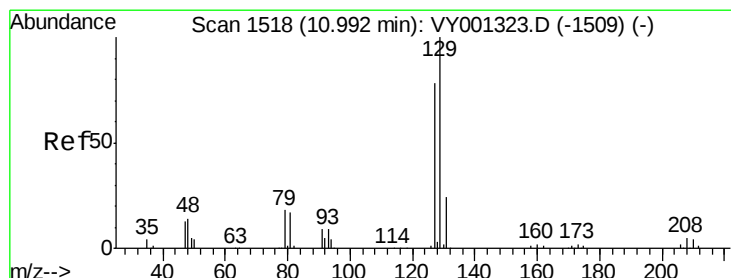
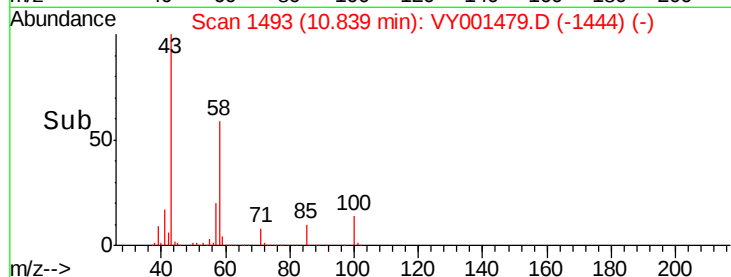
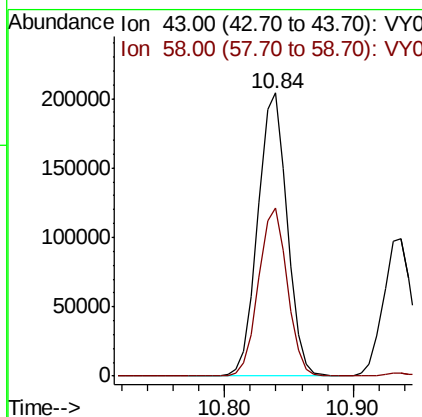
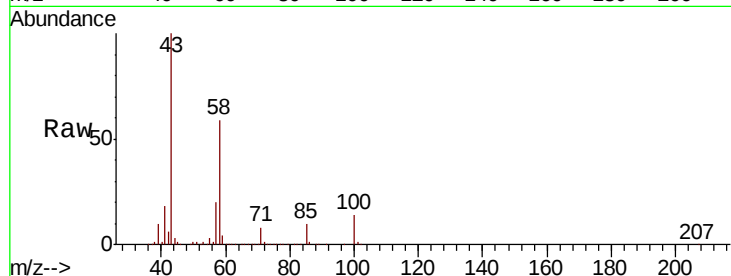




#59
2-Hexanone
Concen: 233.233 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

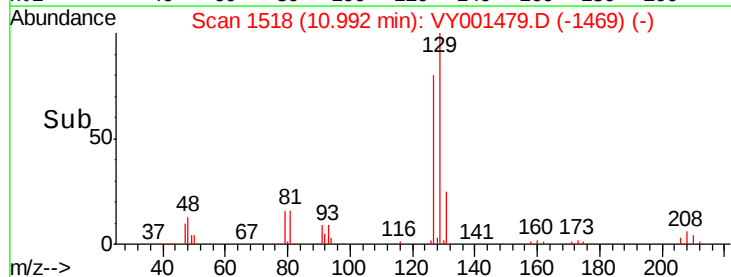
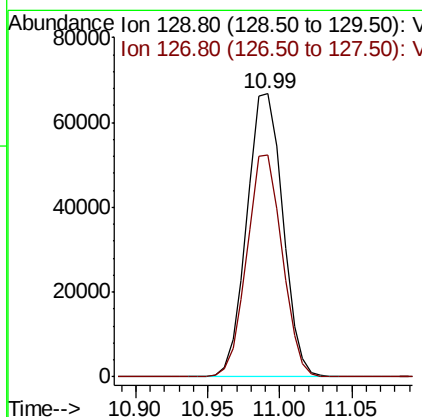
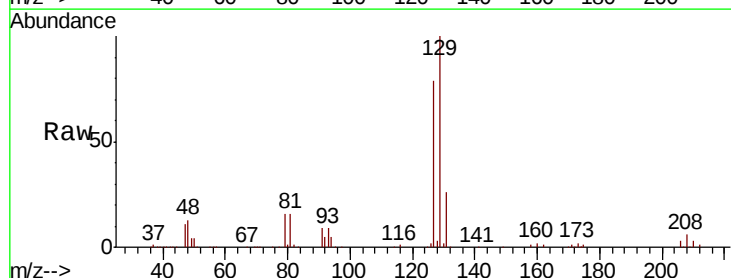
Instrument :
MSVOA_Y
ClientSampleId :

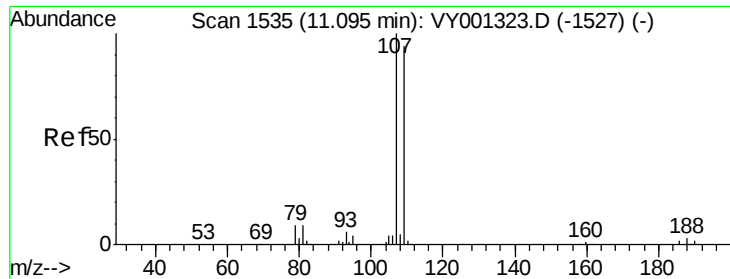
Tot Ion: 43 Resp: 319067
Ion Ratio Lower Upper
43 100
58 58.5 27.6 82.8



#60
Dibromochloromethane
Concen: 53.444 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

Tgt Ion: 129 Resp: 115310
Ion Ratio Lower Upper
129 100
127 77.2 38.8 116.4

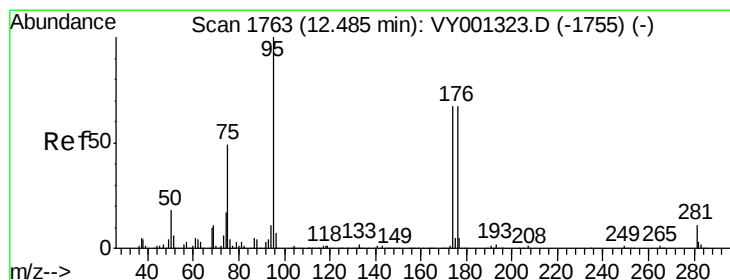
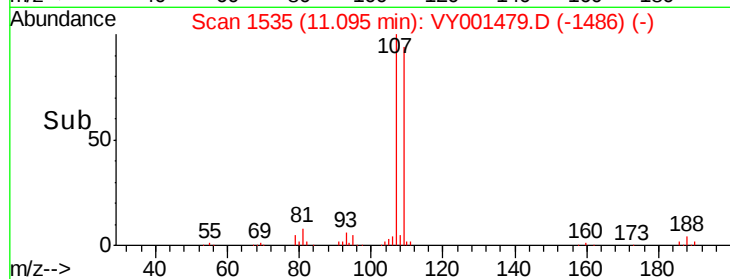
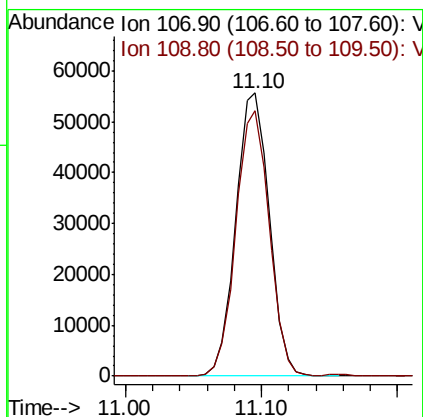
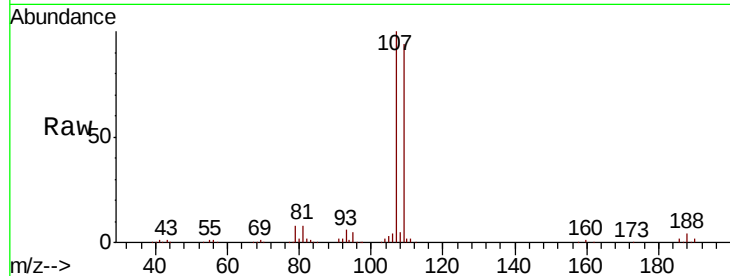




#61
 1,2-Dibromoethane
 Concen: 52.368 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VY001479.D
 Acq: 03 Feb 2020 17:35

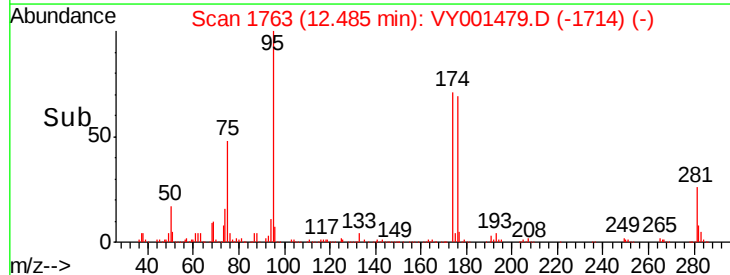
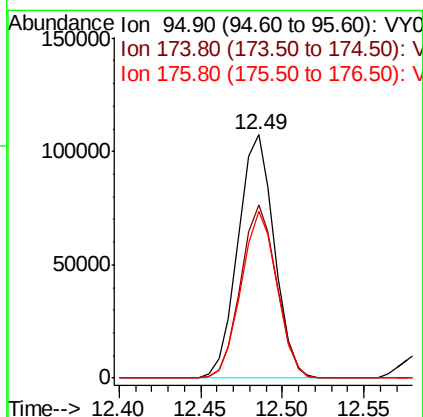
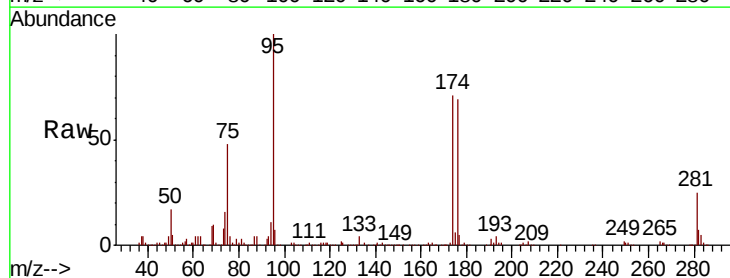
Instrument :
 MSVOA_Y
 ClientSampleId :

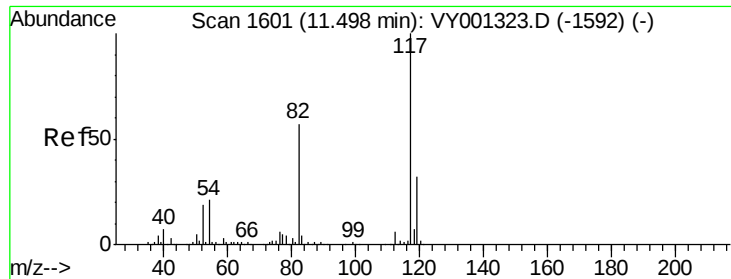
Tot Ion:107 Resp: 95501
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 53.810 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.00 min
 Lab File: VY001479.D
 Acq: 03 Feb 2020 17:35

Tgt Ion: 95 Resp: 166120
 Ion Ratio Lower Upper
 95 100
 174 70.7 0.0 142.0
 176 67.7 0.0 138.6

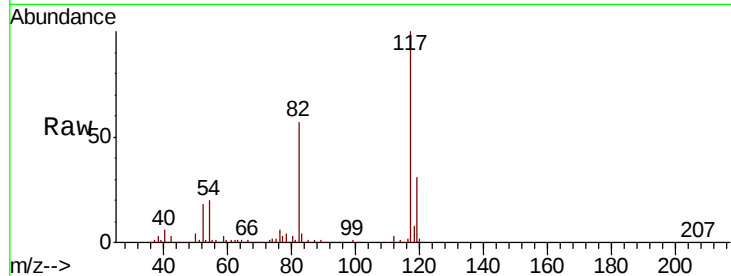




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.5	45.5	68.3
119	31.3	25.8	38.6

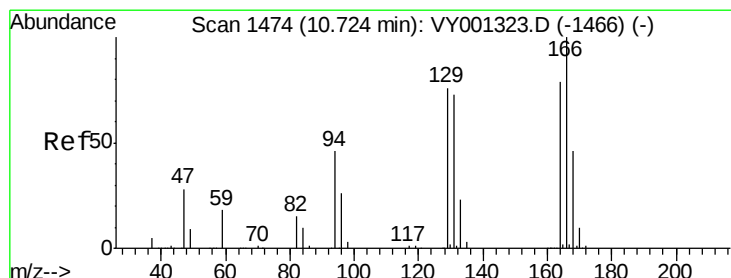
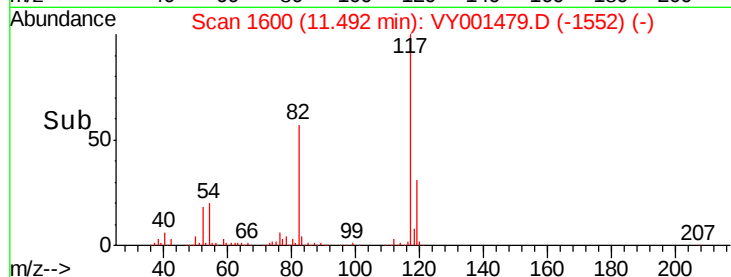
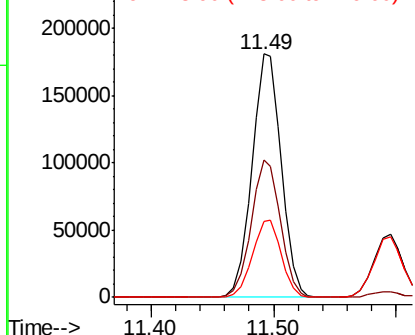


Abundance

Ion 116.90 (116.60 to 117.60): V

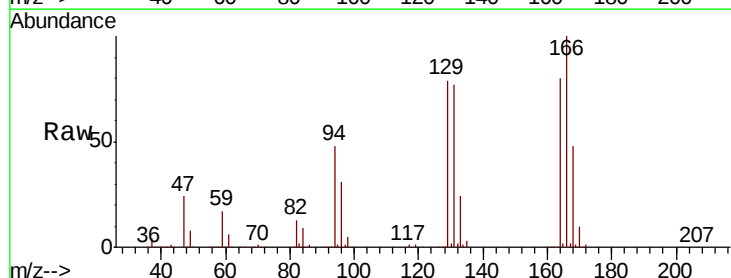
Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 58.209 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.3	101.8	152.8
129	97.8	77.1	115.7
131	95.3	74.2	111.2



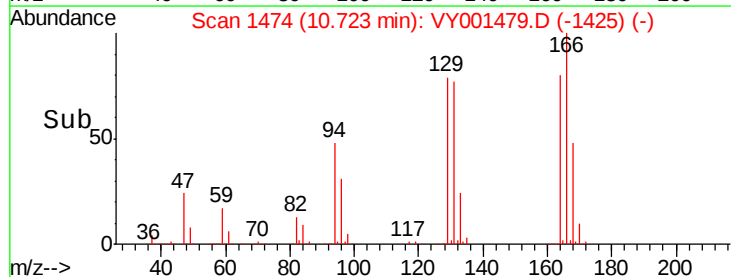
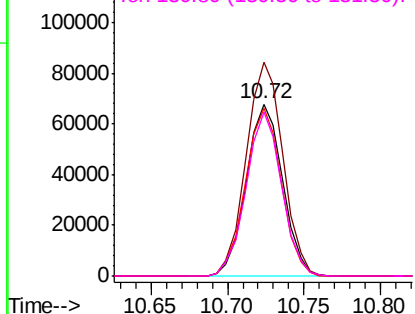
Abundance

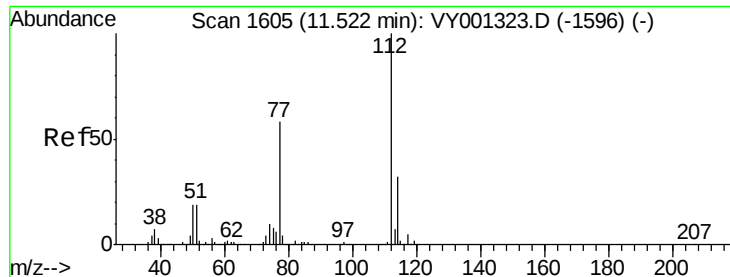
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

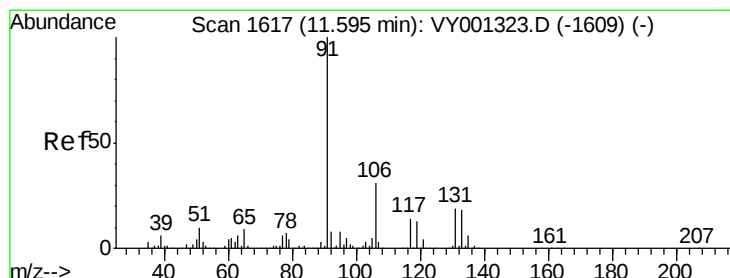
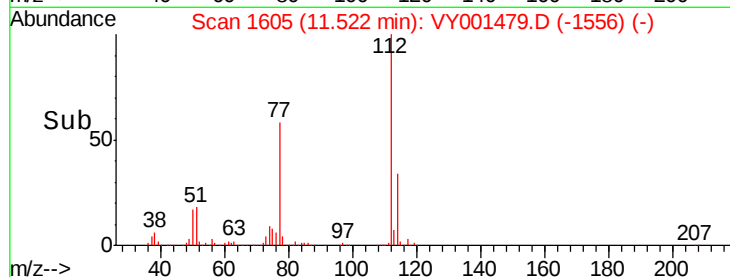
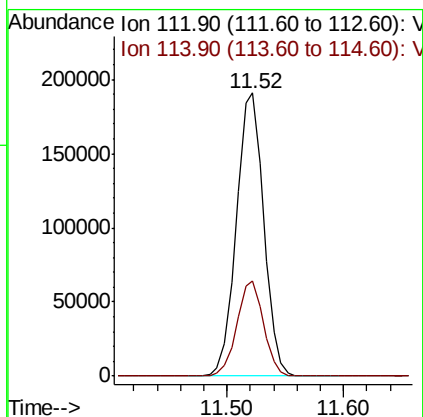
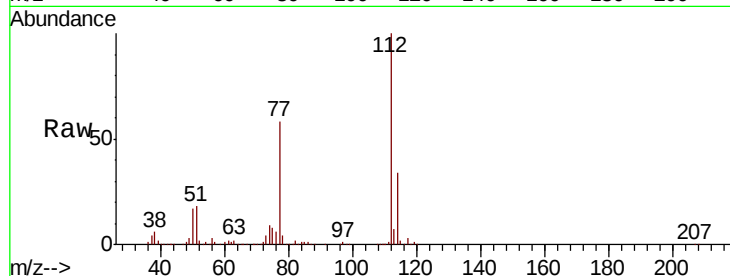




#65
Chlorobenzene
Concen: 49.222 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

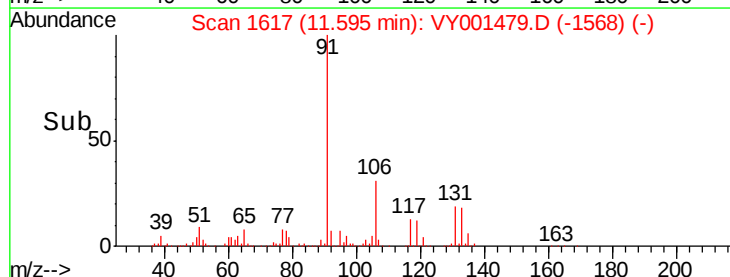
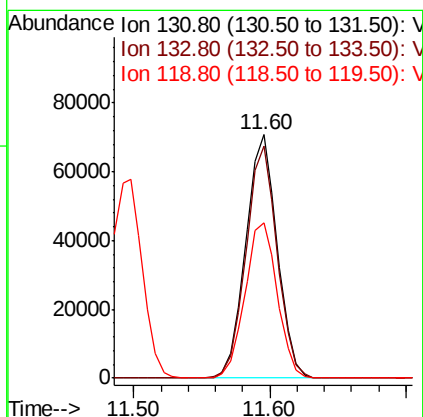
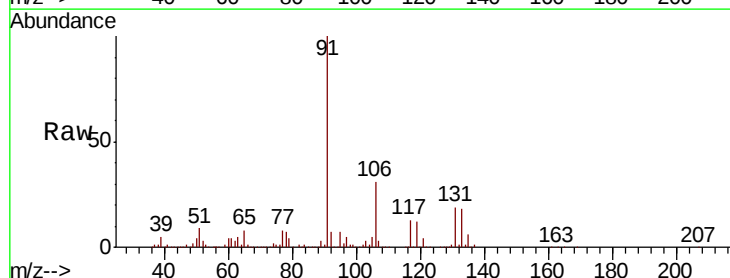
Instrument :
MSVOA_Y
ClientSampleId :

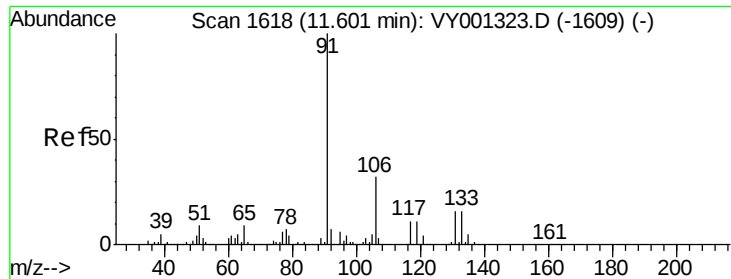
Tot Ion:112 Resp: 312012
Ion Ratio Lower Upper
112 100
114 33.7 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 52.936 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

Tgt Ion:131 Resp: 114513
Ion Ratio Lower Upper
131 100
133 94.5 47.1 141.3
119 65.4 34.1 102.2





#67

Ethyl Benzene

Concen: 48.837 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VY001479.D

Acq: 03 Feb 2020 17:35

Instrument :

MSVOA_Y

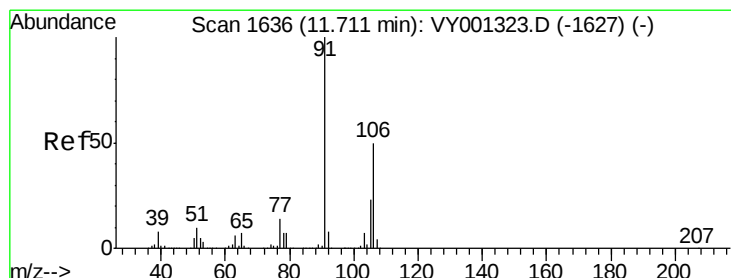
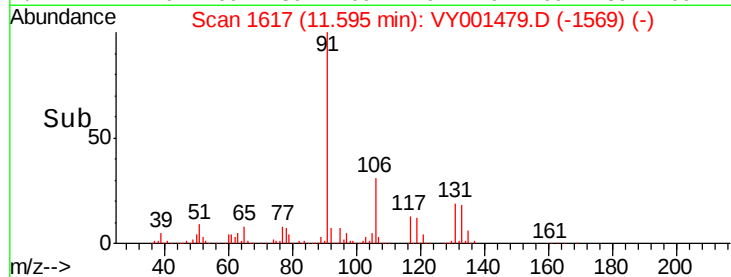
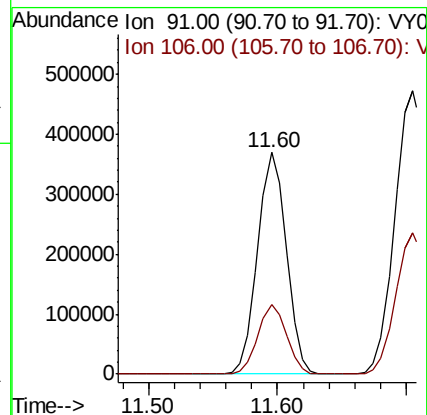
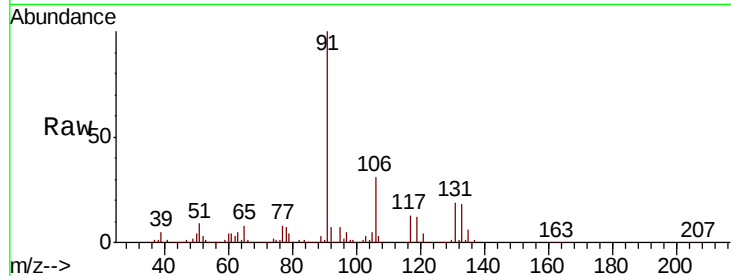
ClientSampleId :

Tot Ion: 91 Resp: 570507

Ion Ratio Lower Upper

91 100

106 31.2 25.4 38.0



#68

m/p-Xylenes

Concen: 98.044 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VY001479.D

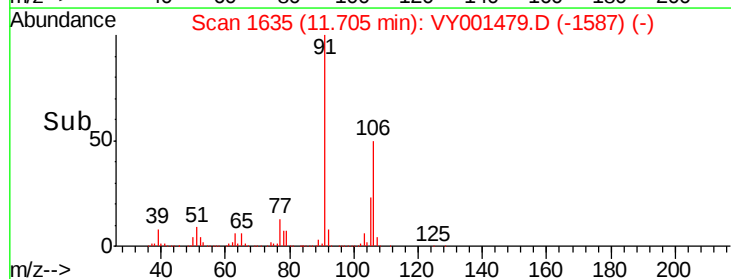
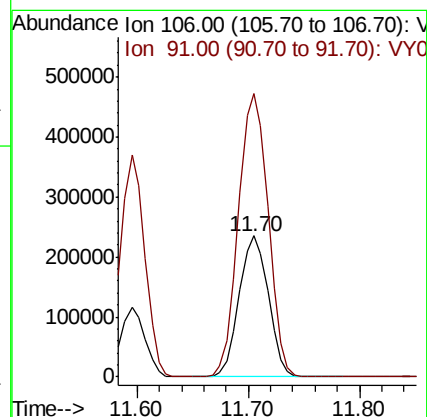
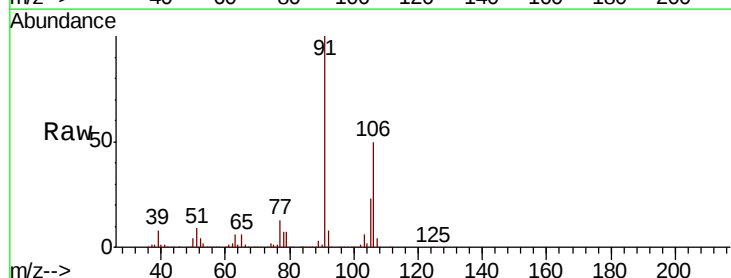
Acq: 03 Feb 2020 17:35

Tgt Ion: 106 Resp: 427769

Ion Ratio Lower Upper

106 100

91 204.3 162.8 244.2

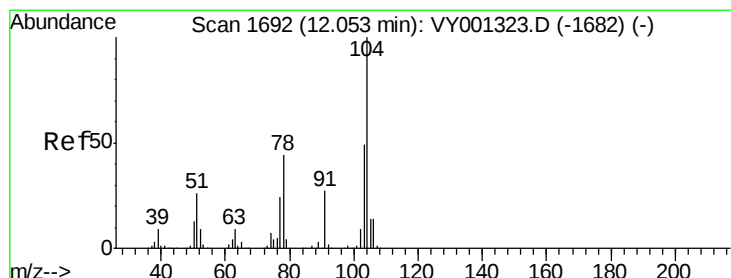
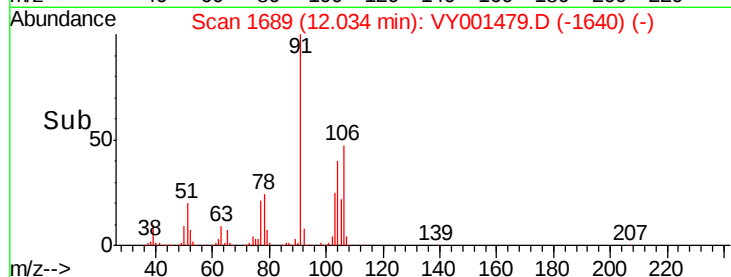
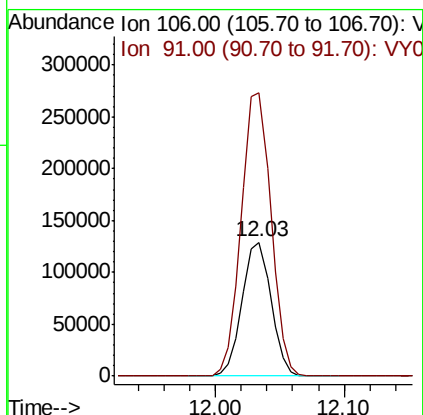
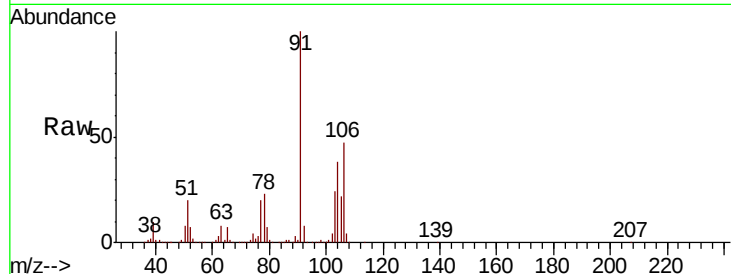




#69
o-Xylene
Concen: 48.058 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

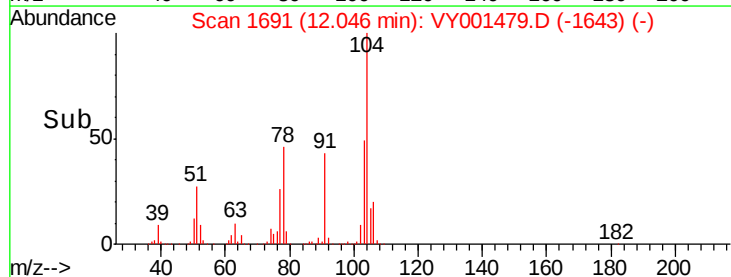
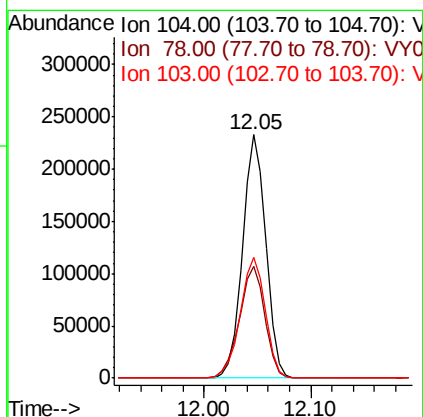
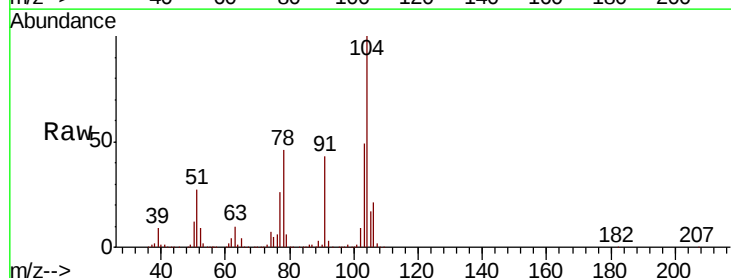
Instrument :
MSVOA_Y
ClientSampled :

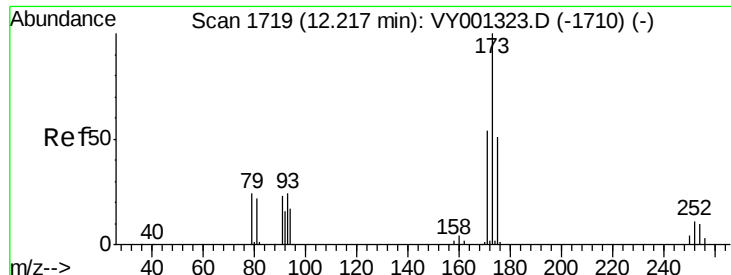
Tot Ion:106 Resp: 201709
Ion Ratio Lower Upper
106 100
91 216.9 106.3 319.0



#70
Styrene
Concen: 48.477 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

Tgt Ion:104 Resp: 356991
Ion Ratio Lower Upper
104 100
78 50.6 39.8 59.8
103 53.6 43.2 64.8





#71

Bromoform

Concen: 52.091 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.01 min

Lab File: VY001479.D

Acq: 03 Feb 2020 17:35

Instrument :

MSVOA_Y

ClientSampled :

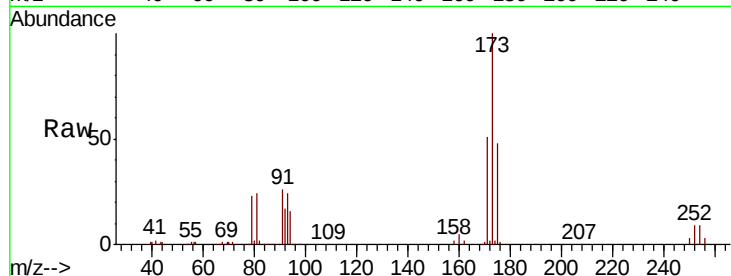
Tot Ion:173 Resp: 67266

Ion Ratio Lower Upper

173 100

175 48.5 24.3 72.9

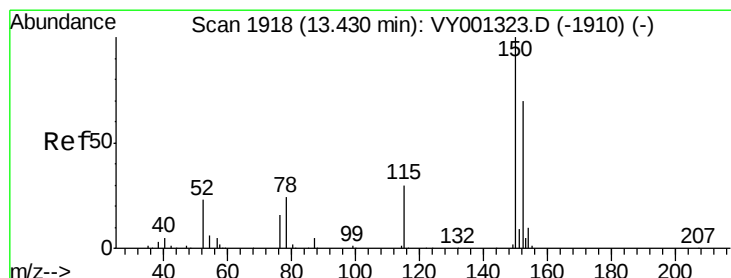
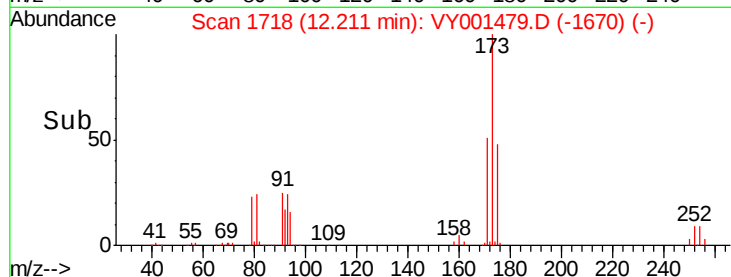
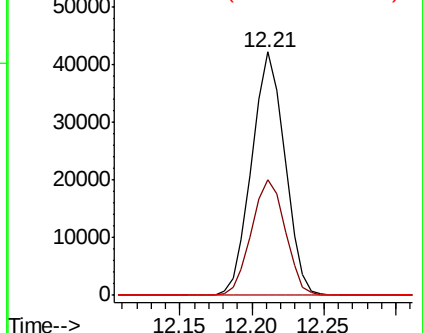
254 0.0 0.0 0.0



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: VY001479.D

Acq: 03 Feb 2020 17:35

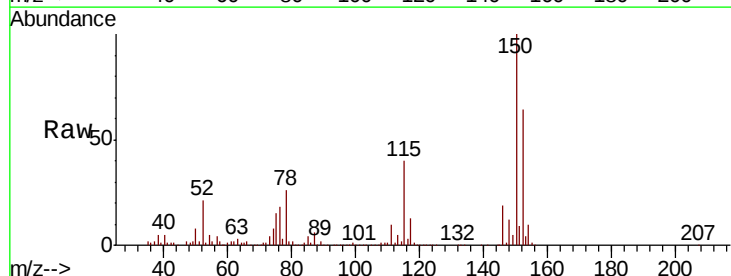
Tgt Ion:152 Resp: 140344

Ion Ratio Lower Upper

152 100

115 63.0 30.9 92.8

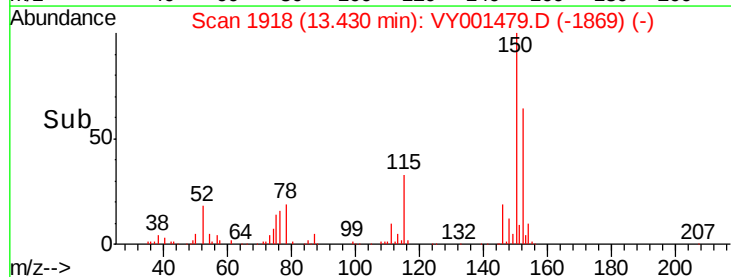
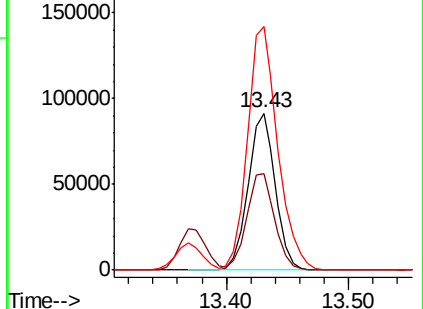
150 173.7 0.0 349.2

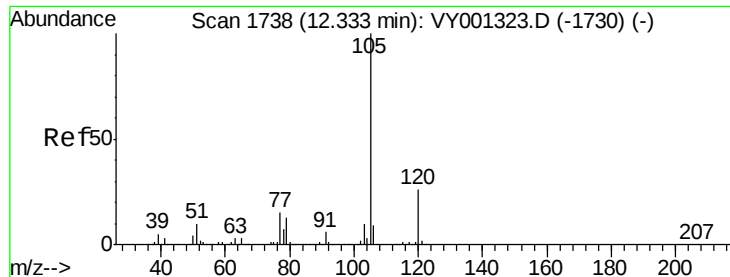


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.326 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VY001479.D

Acq: 03 Feb 2020 17:35

Instrument :

MSVOA_Y

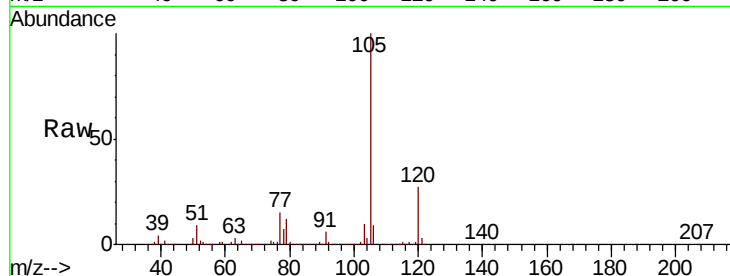
ClientSampleId :

Tot Ion:105 Resp: 557328

Ion Ratio Lower Upper

105 100

120 26.3 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

400000

300000

200000

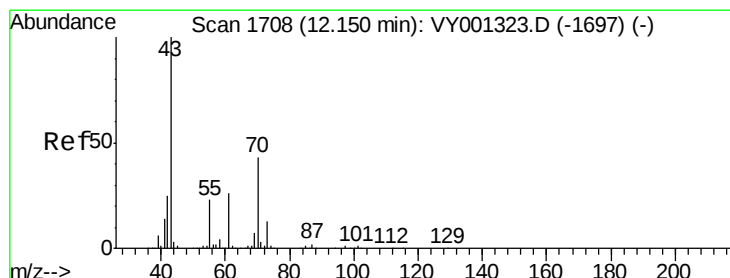
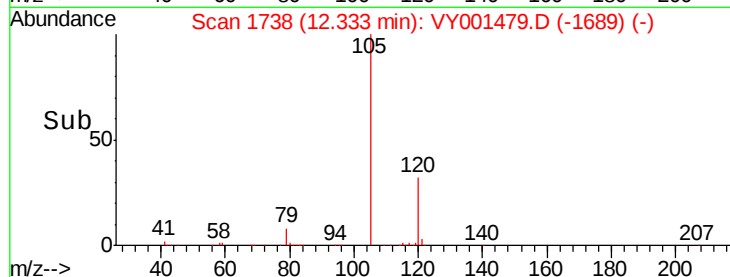
100000

0

Time-->

12.30

12.40



#74

N-ethyl acetate

Concen: 44.818 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.01 min

Lab File: VY001479.D

Acq: 03 Feb 2020 17:35

Tgt Ion: 43 Resp: 162466

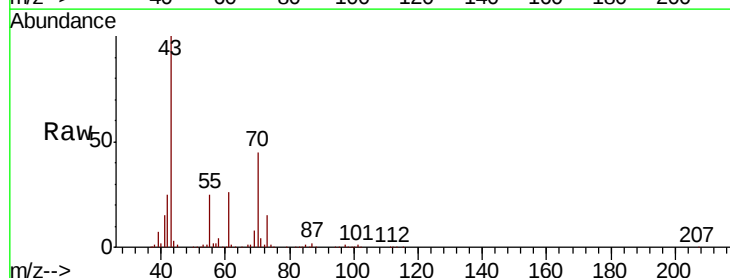
Ion Ratio Lower Upper

43 100

70 46.2 33.5 50.3

55 24.3 18.2 27.2

61 25.9 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

150000

100000

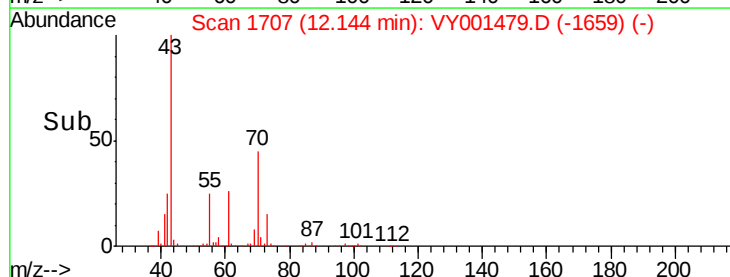
50000

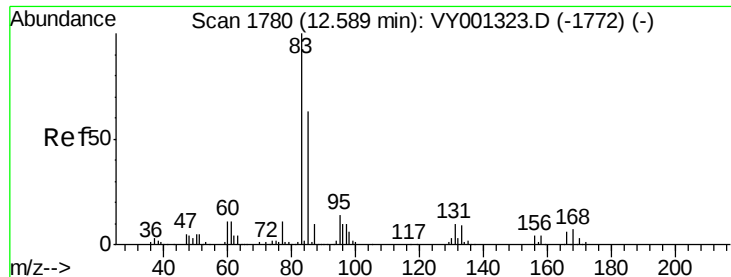
0

Time-->

12.10

12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 50.377 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VY001479.D

Acq: 03 Feb 2020 17:35

Instrument :

MSVOA_Y

ClientSampled :

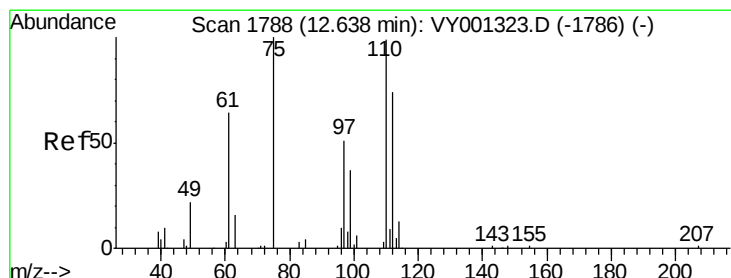
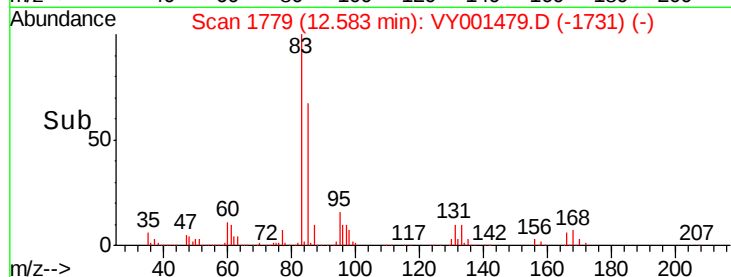
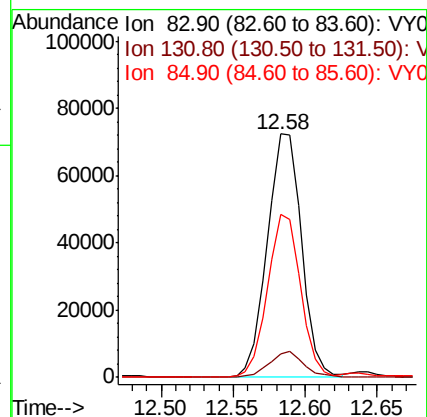
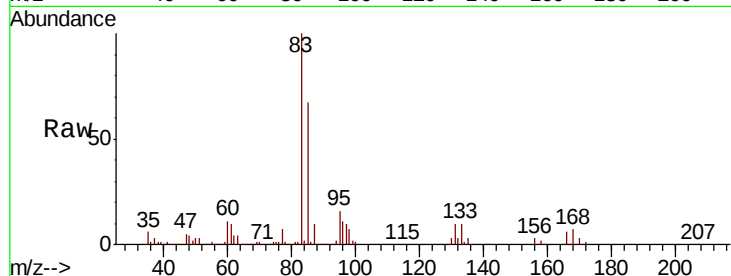
Tot Ion: 83 Resp: 119480

Ion Ratio Lower Upper

83 100

131 10.6 4.9 14.6

85 64.3 31.4 94.3



#76

1,2,3-Trichloropropane

Concen: 93.028 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VY001479.D

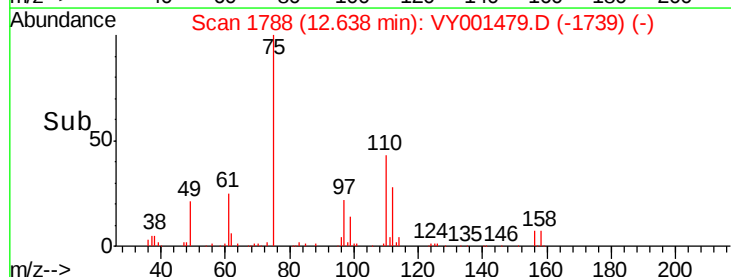
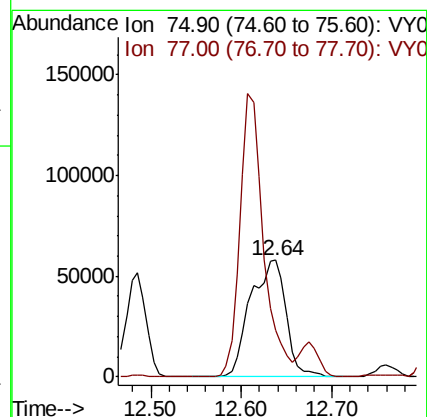
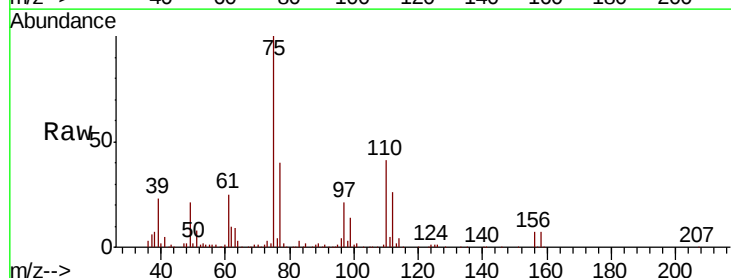
Acq: 03 Feb 2020 17:35

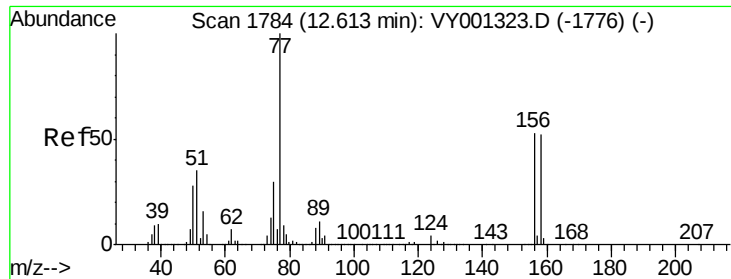
Tgt Ion: 75 Resp: 157325

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

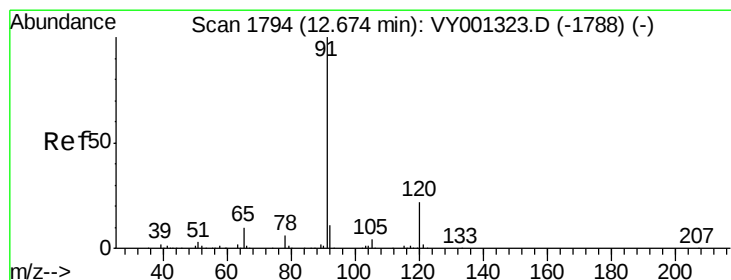
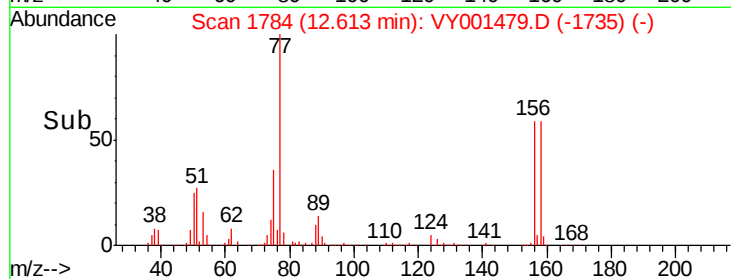
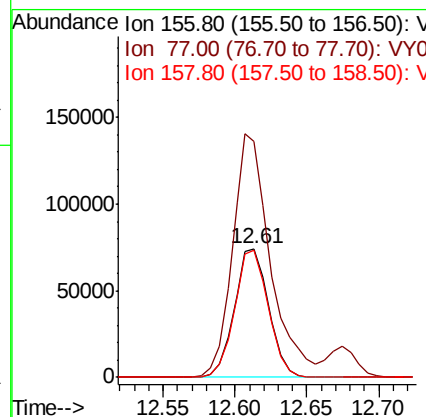
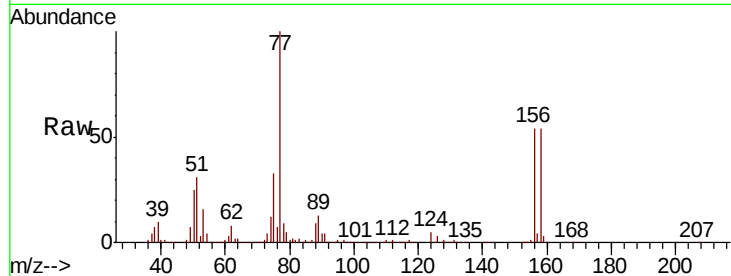




#77
Bromobenzene
Concen: 49.653 ug/l
RT: 12.61 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

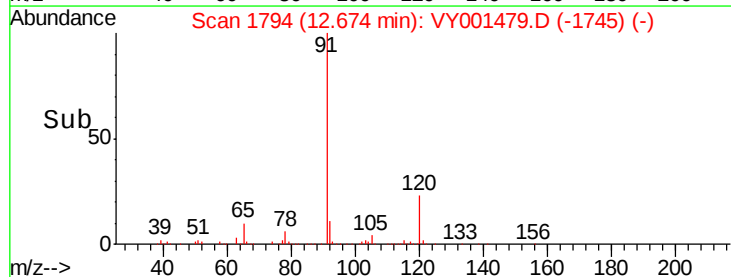
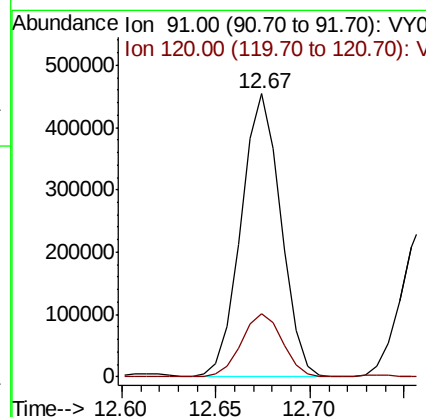
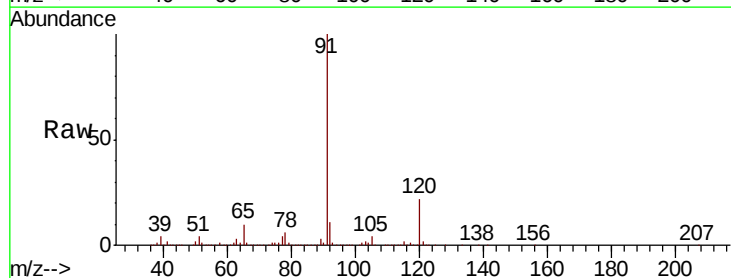
Instrument :
MSVOA_Y
ClientSampleId :

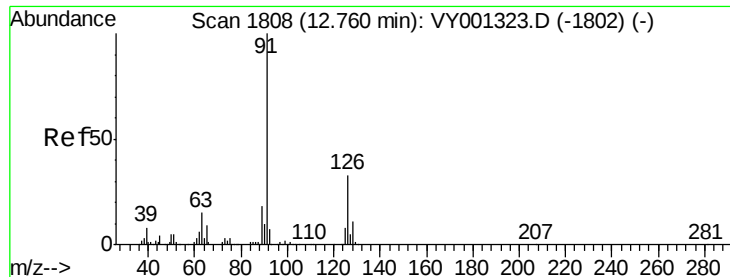
Tot Ion:156 Resp: 121793
Ion Ratio Lower Upper
156 100
77 211.1 104.7 313.9
158 98.4 48.6 145.8



#78
n-propylbenzene
Concen: 49.858 ug/l
RT: 12.67 min Scan# 1794
Delta R.T. -0.00 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

Tgt Ion: 91 Resp: 664584
Ion Ratio Lower Upper
91 100
120 22.9 11.3 33.8

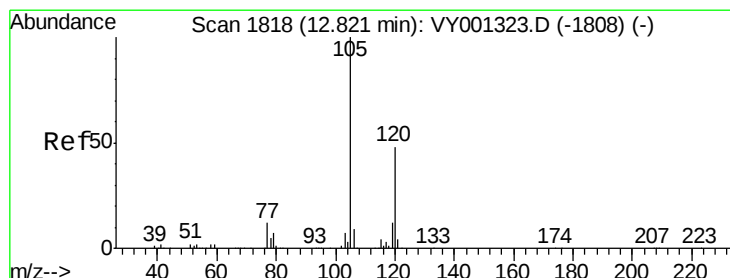
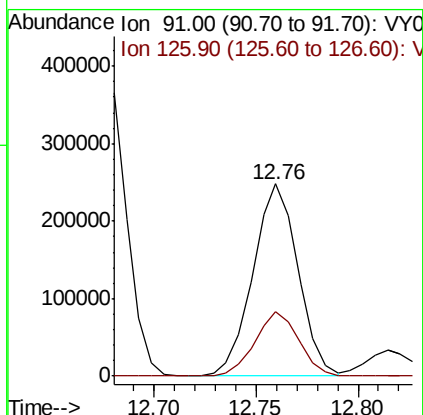
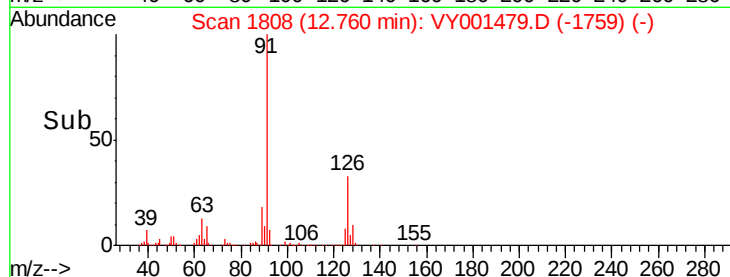
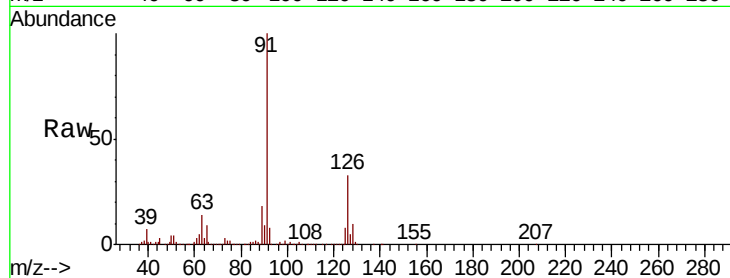




#79
 2-Chlorotoluene
 Concen: 49.975 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. -0.00 min
 Lab File: VY001479.D
 Acq: 03 Feb 2020 17:35

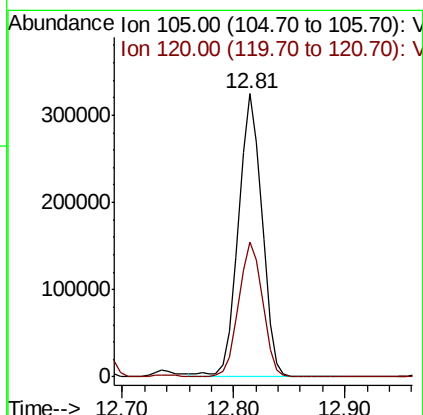
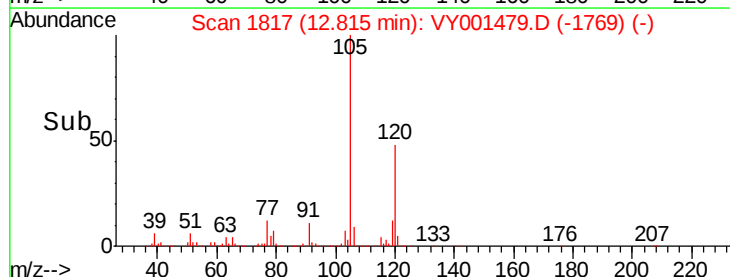
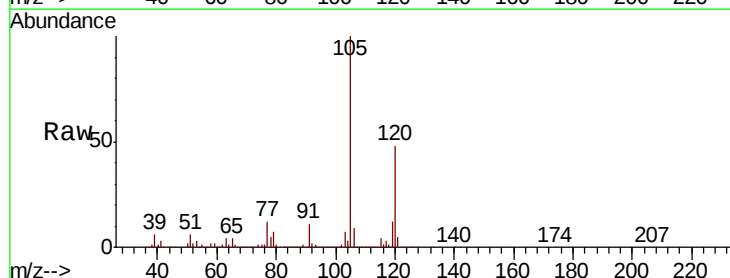
Instrument :
 MSVOA_Y
 ClientSampled :

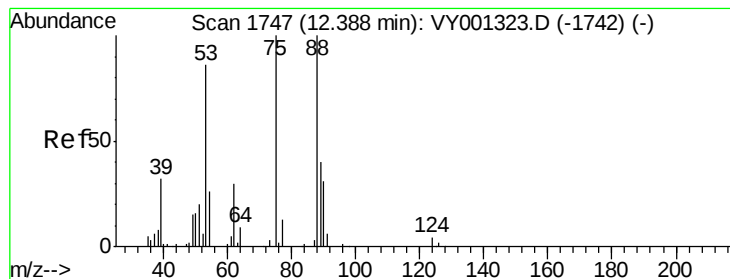
Tot Ion: 91 Resp: 380558
 Ion Ratio Lower Upper
 91 100
 126 32.7 16.6 49.7



#80
 1,3,5-Trimethylbenzene
 Concen: 51.760 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: VY001479.D
 Acq: 03 Feb 2020 17:35

Tgt Ion: 105 Resp: 478466
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 50.123 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VY001479.D

Acq: 03 Feb 2020 17:35

Instrument :

MSVOA_Y

ClientSampleId :

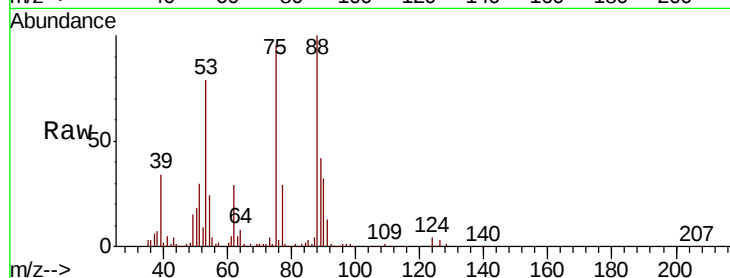
Tot Ion: 75 Resp: 44793

Ion Ratio Lower Upper

75 100

53 84.0 69.9 104.9

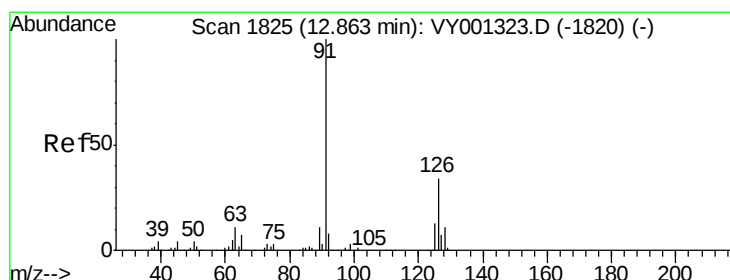
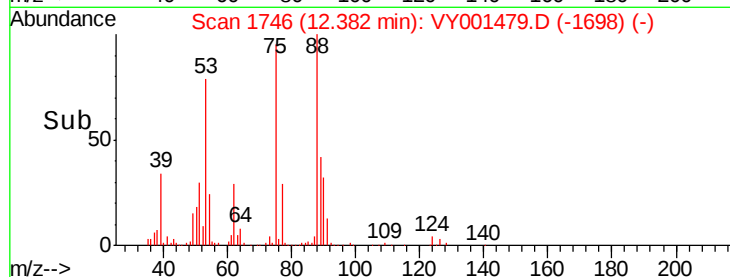
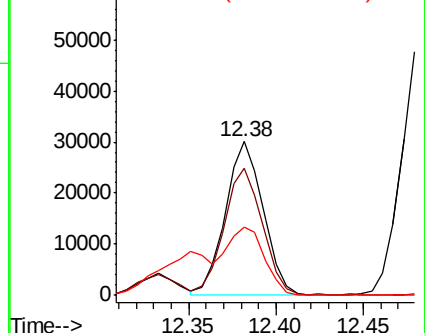
89 45.9 36.6 54.8



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: 49.173 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VY001479.D

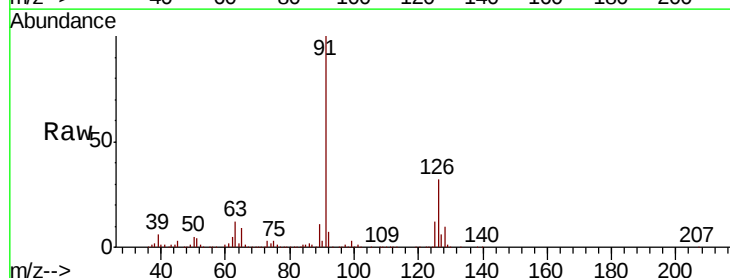
Acq: 03 Feb 2020 17:35

Tgt Ion: 91 Resp: 399974

Ion Ratio Lower Upper

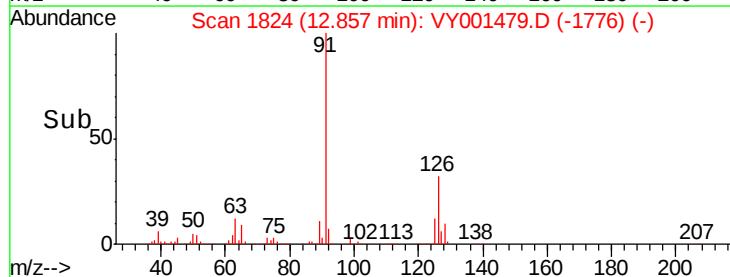
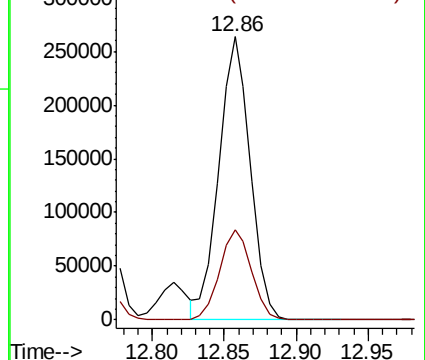
91 100

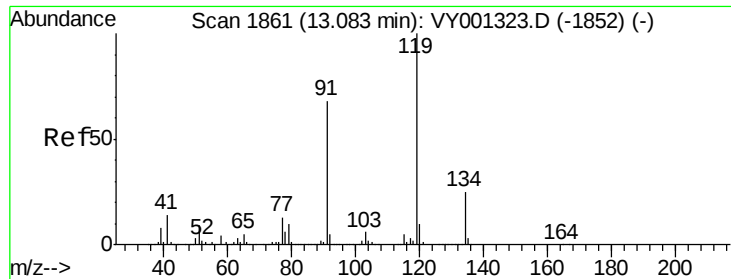
126 32.4 16.4 49.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

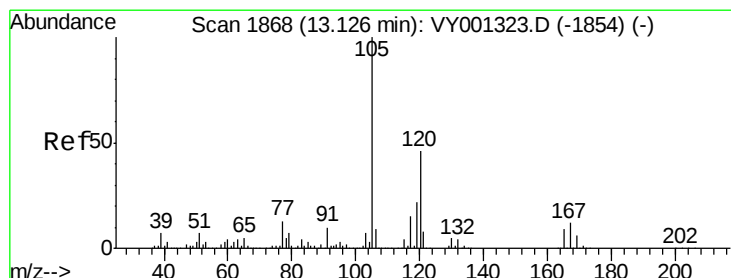
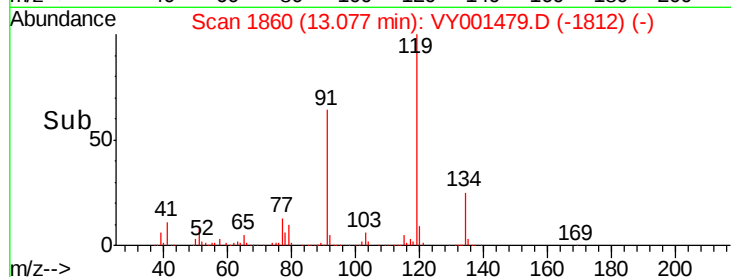
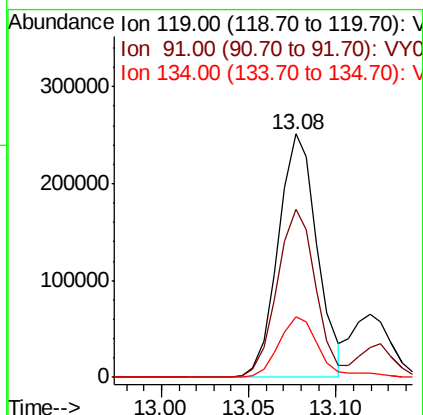
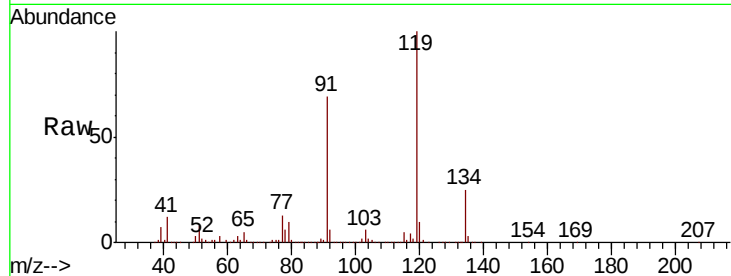




#83
tert-Butylbenzene
Concen: 50.239 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.01 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

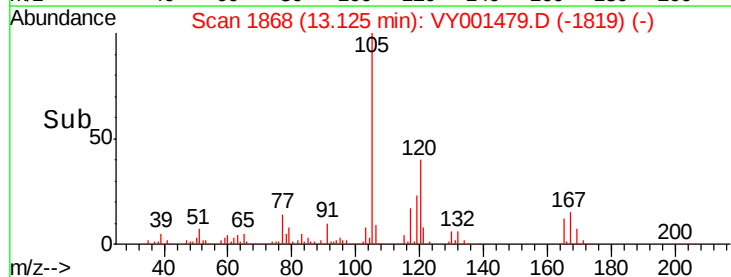
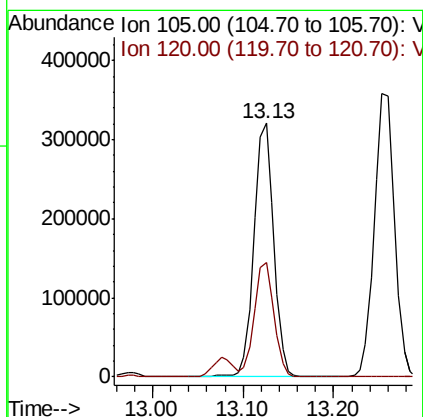
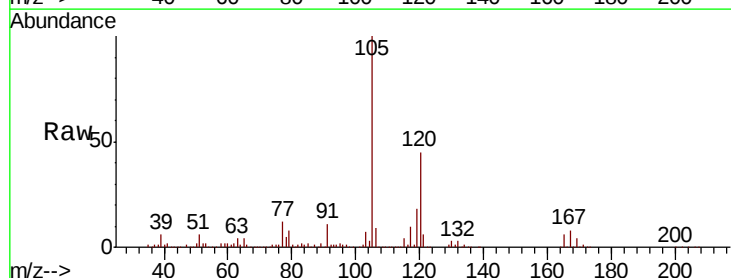
Instrument :
MSVOA_Y
ClientSampleId :

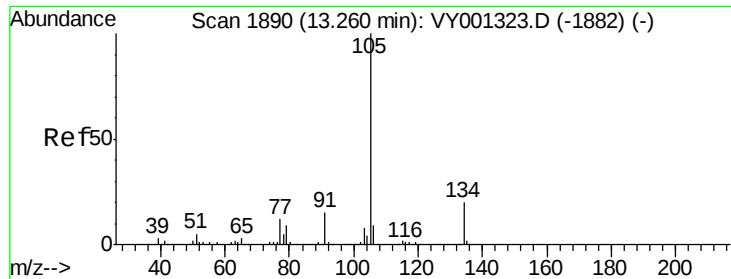
Tot Ion:119 Resp: 391463
Ion Ratio Lower Upper
119 100
91 68.9 33.0 99.0
134 26.2 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 51.994 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

Tgt Ion:105 Resp: 482545
Ion Ratio Lower Upper
105 100
120 45.0 22.4 67.3





#85

sec-Butylbenzene

Concen: 49.994 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.01 min

Lab File: VY001479.D

Acq: 03 Feb 2020 17:35

Instrument :

MSVOA_Y

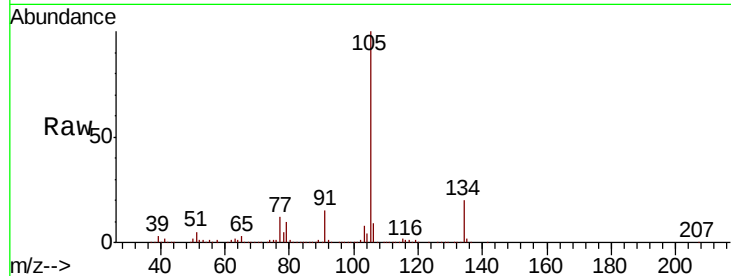
ClientSampleId :

Tot Ion:105 Resp: 553476

Ion Ratio Lower Upper

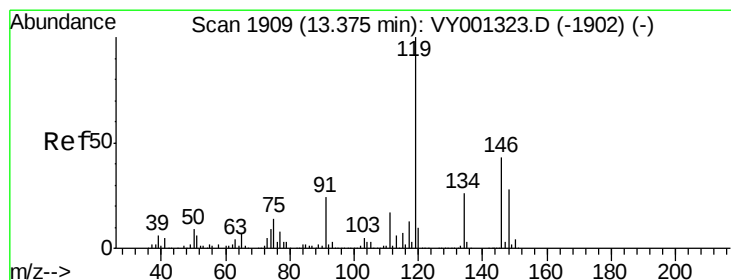
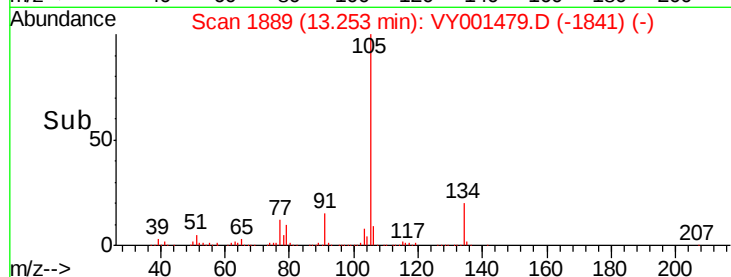
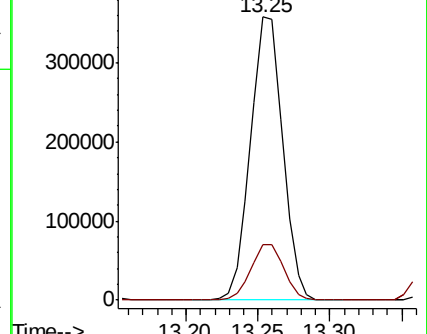
105 100

134 20.1 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.682 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY001479.D

Acq: 03 Feb 2020 17:35

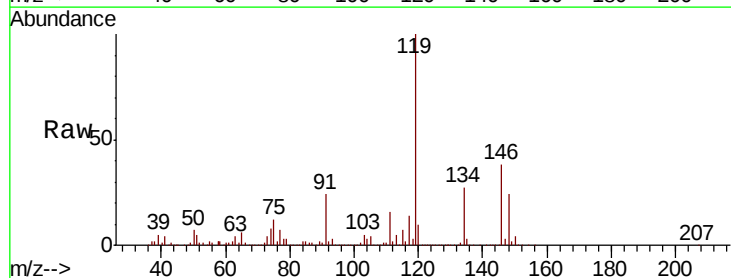
Tgt Ion:119 Resp: 484698

Ion Ratio Lower Upper

119 100

134 26.2 13.5 40.4

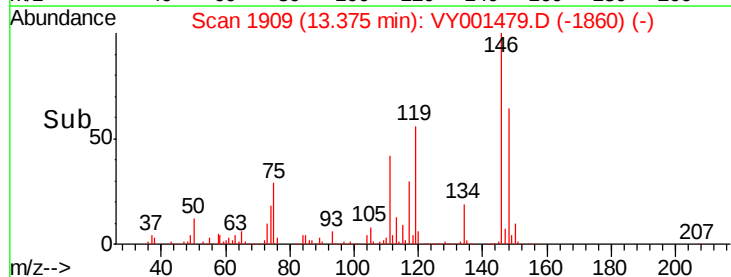
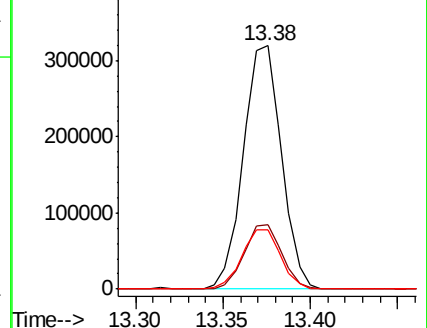
91 24.5 12.2 36.6

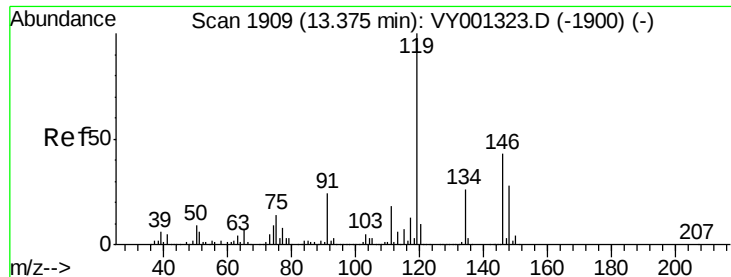


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 48.891 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.01 min

Lab File: VY001479.D

Acq: 03 Feb 2020 17:35

Instrument :

MSVOA_Y

ClientSampleId :

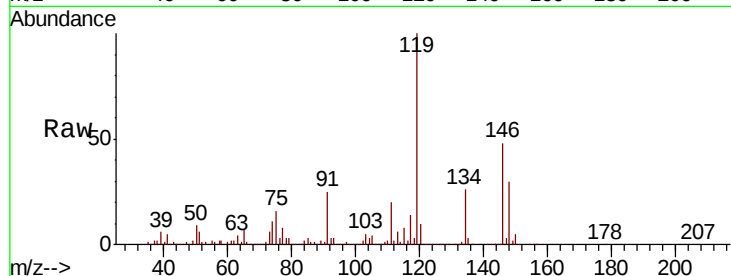
Tot Ion:146 Resp: 230958

Ion Ratio Lower Upper

146 100

111 42.2 20.6 61.8

148 63.4 31.6 95.0

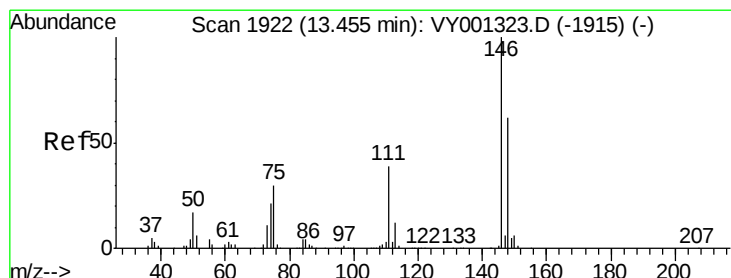
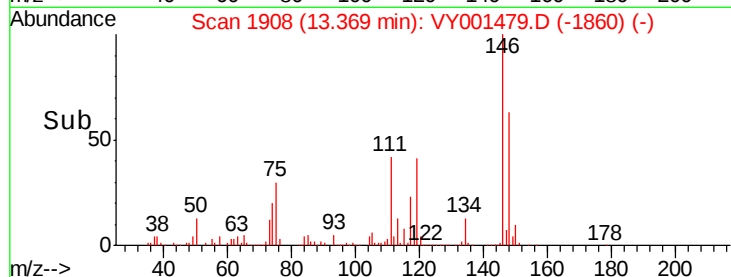
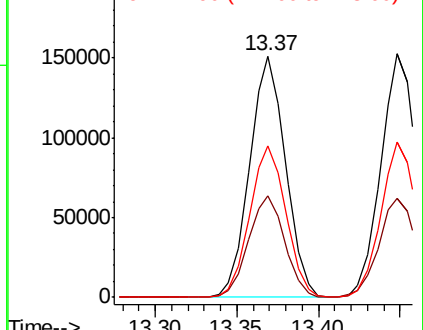


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 48.602 ug/l

RT: 13.45 min Scan# 1921

Delta R.T. -0.01 min

Lab File: VY001479.D

Acq: 03 Feb 2020 17:35

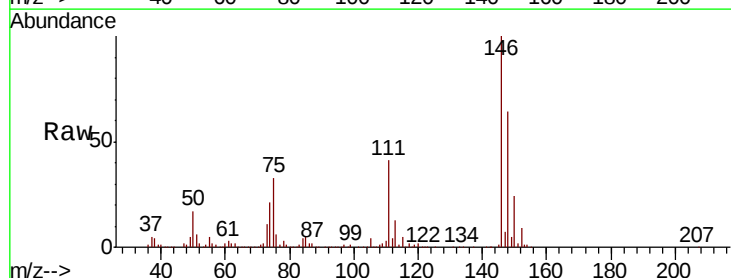
Tgt Ion:146 Resp: 233116

Ion Ratio Lower Upper

146 100

111 42.0 20.5 61.5

148 63.4 31.6 95.0

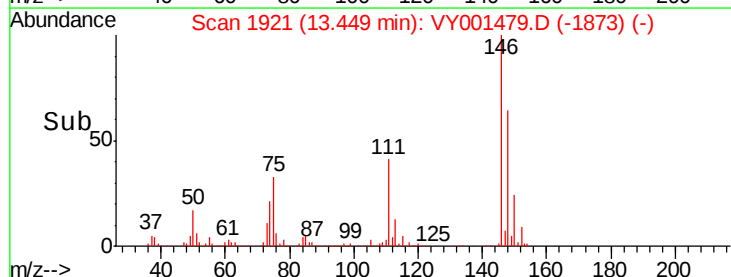
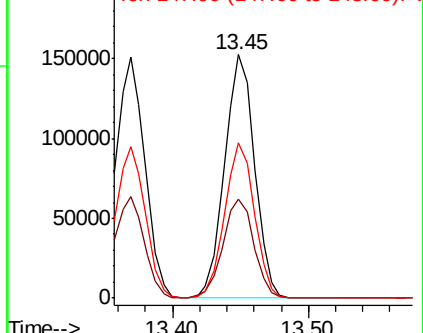


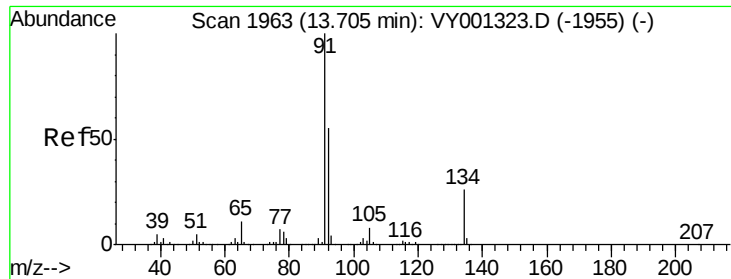
Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

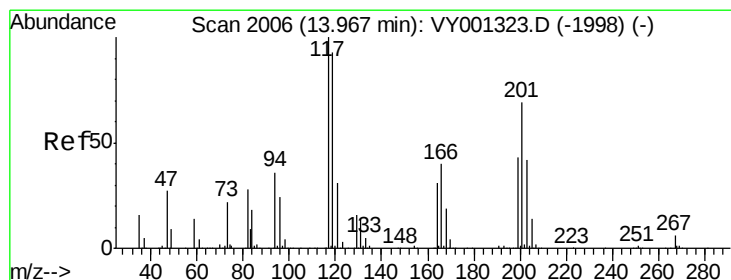
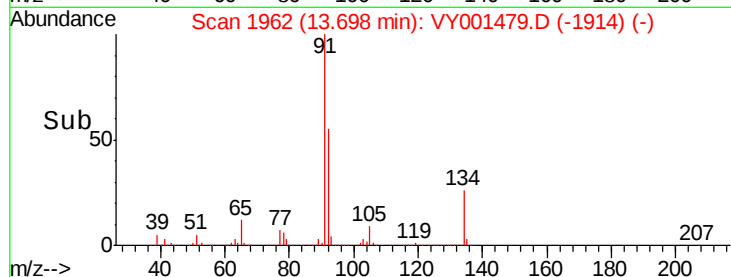
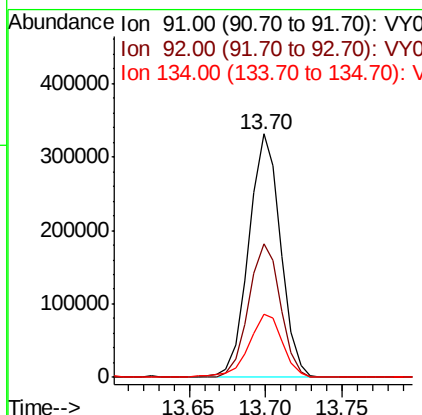
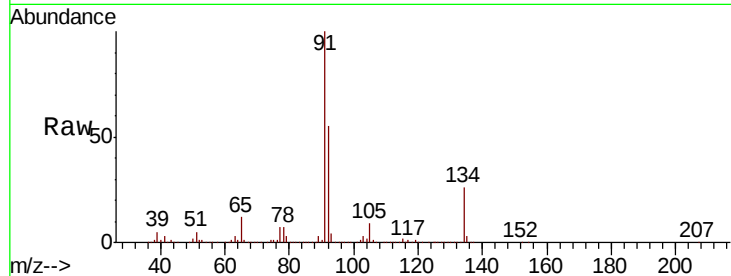




#89
n-Butylbenzene
Concen: 48.674 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

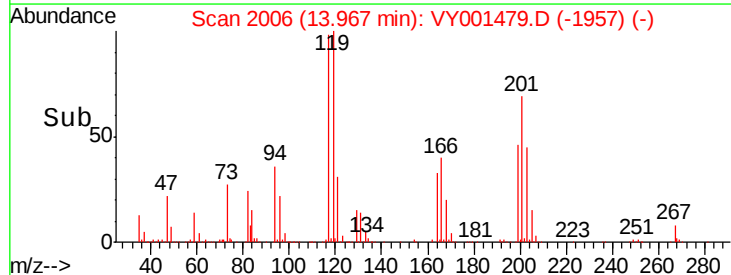
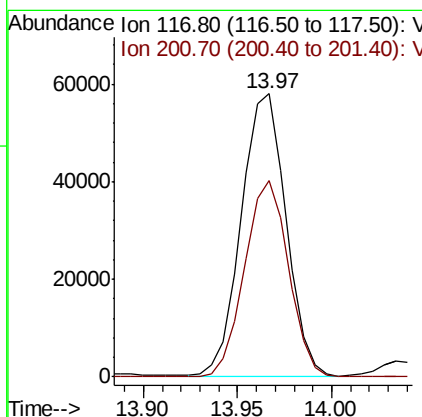
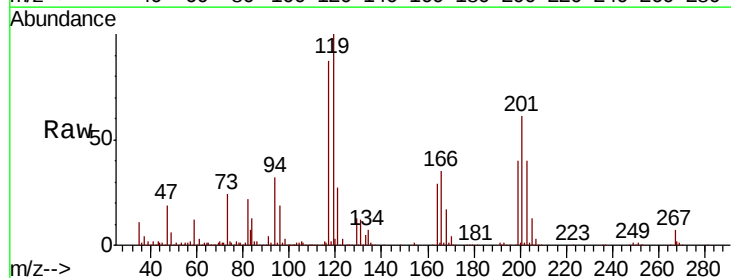
Instrument :
MSVOA_Y
ClientSampleId :

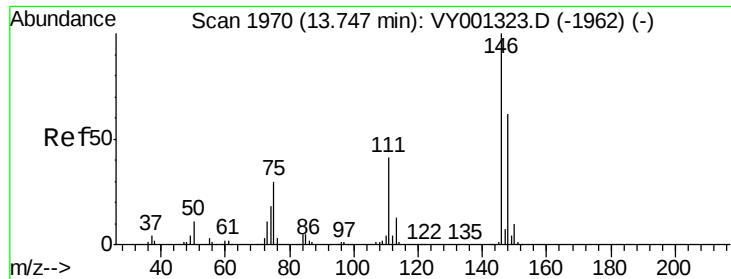
Tot Ion: 91 Resp: 477909
Ion Ratio Lower Upper
91 100
92 55.1 27.6 82.8
134 27.3 12.9 38.6



#90
Hexachloroethane
Concen: 51.616 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

Tgt Ion: 117 Resp: 95451
Ion Ratio Lower Upper
117 100
201 68.1 34.6 103.8

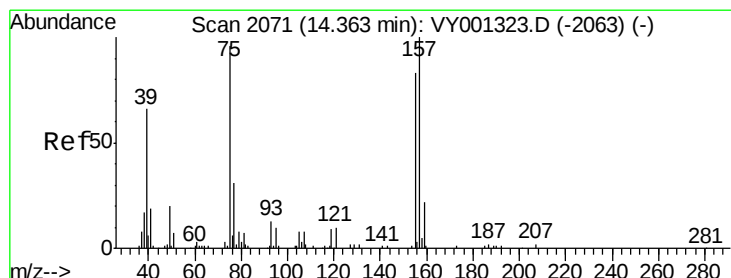
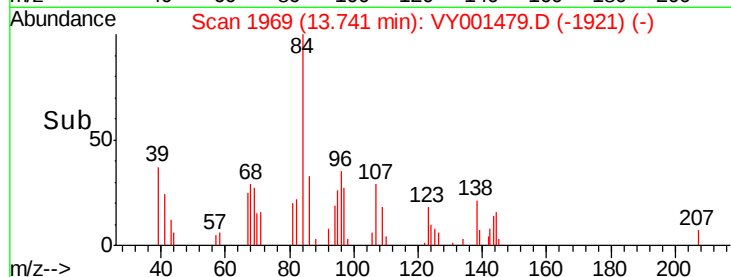
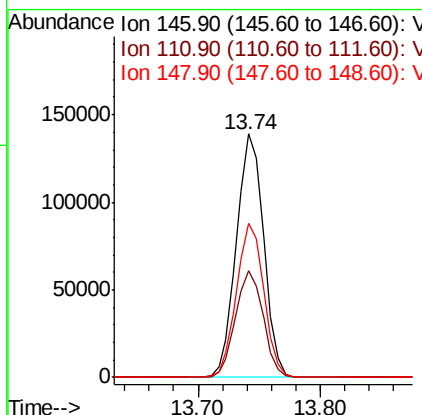
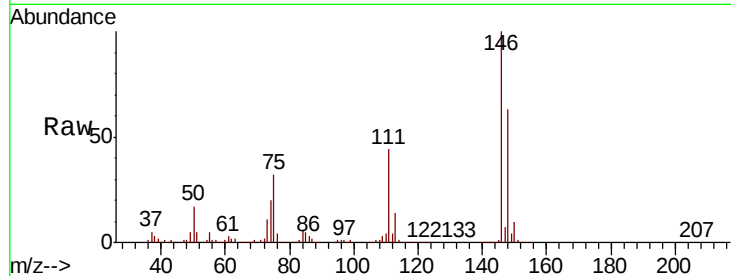




#91
 1,2-Dichlorobenzene
 Concen: 49.239 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: VY001479.D
 Acq: 03 Feb 2020 17:35

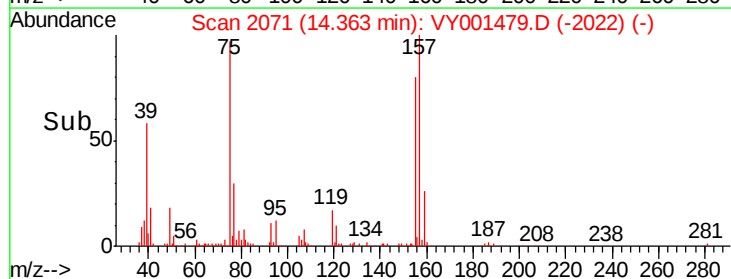
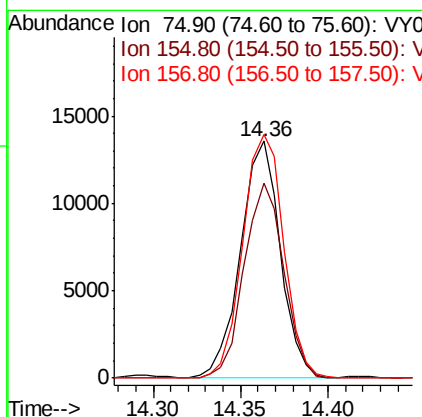
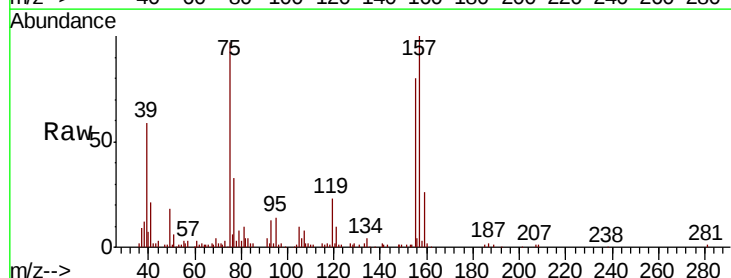
Instrument :
 MSVOA_Y
 ClientSampleId :

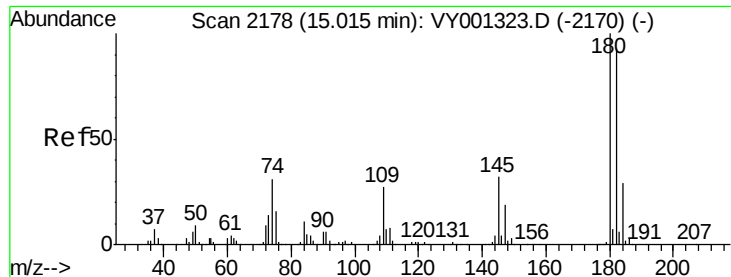
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.0	21.1	63.4
148	63.1	31.5	94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.395 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VY001479.D
 Acq: 03 Feb 2020 17:35

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.9	43.0	129.2
157	105.8	53.3	160.0

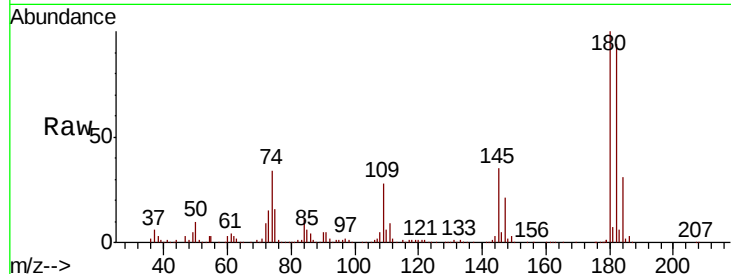




#93
 1,2,4-Trichlorobenzene
 Concen: 46.767 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: VY001479.D
 Acq: 03 Feb 2020 17:35

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.6	142.8
145	35.3	16.3	48.9

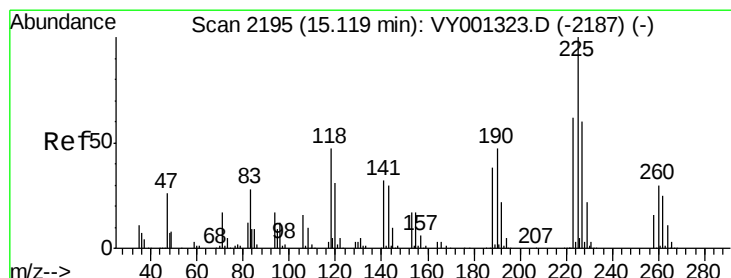
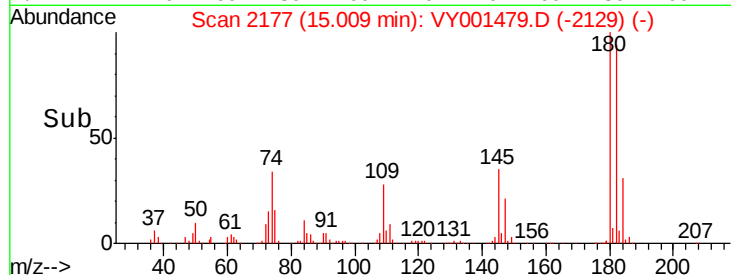
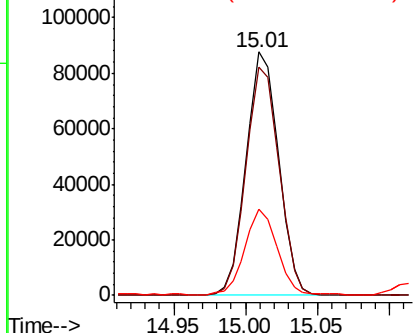


Abundance

Ion 179.80 (179.50 to 180.50): V

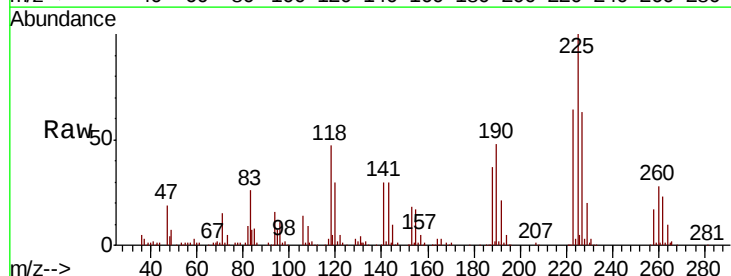
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 48.778 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: VY001479.D
 Acq: 03 Feb 2020 17:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.7	31.2	93.6
227	64.4	31.0	93.0

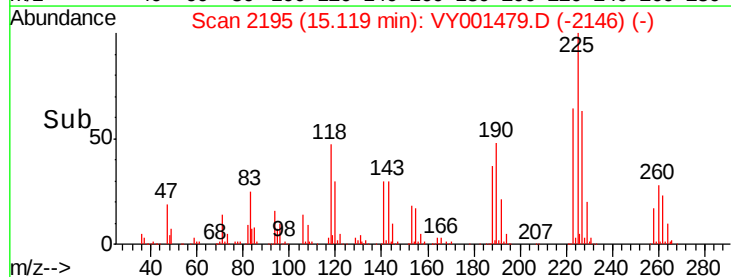
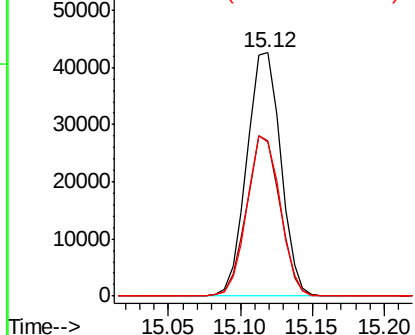


Abundance

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: 54.321 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY001479.D

Acq: 03 Feb 2020 17:35

Instrument :

MSVOA_Y

ClientSampleId :

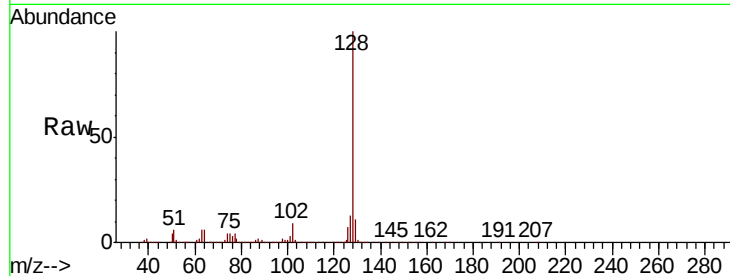
Tot Ion:128 Resp: 363194

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.2

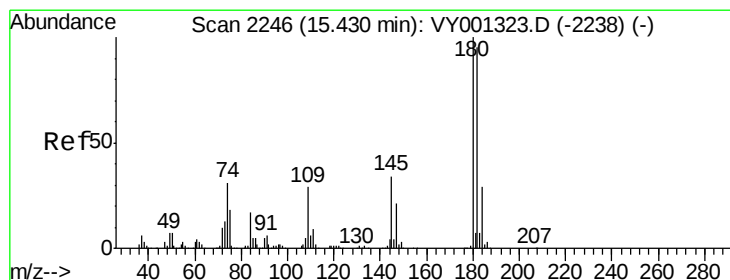
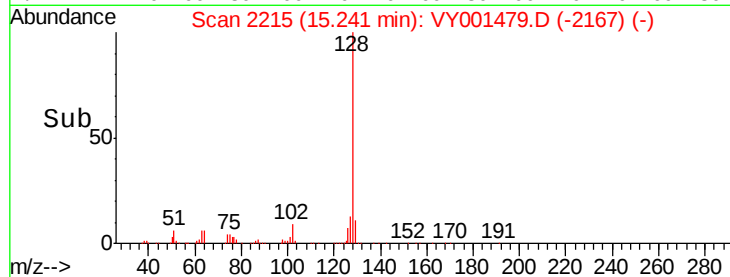
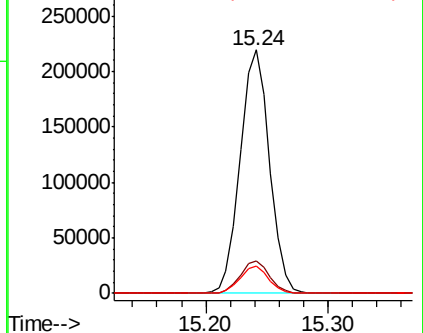
129 11.2 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 47.799 ug/l

RT: 15.43 min Scan# 2246

Delta R.T. -0.00 min

Lab File: VY001479.D

Acq: 03 Feb 2020 17:35

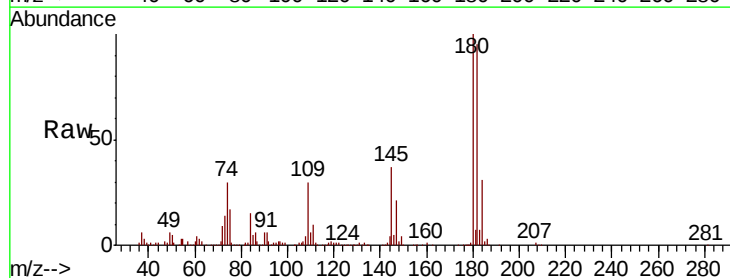
Tgt Ion:180 Resp: 122604

Ion Ratio Lower Upper

180 100

182 93.2 47.3 141.8

145 38.4 16.8 50.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

