

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012020\
 Data File : VY001290.D
 Acq On : 20 Jan 2020 12:26
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 21 06:38:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	200186	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.72	114	342013	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.51	117	304095	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.44	152	144971	50.00	ug/l	0.02

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	102109	48.29	ug/l	0.02
Spiked Amount	50.000		Recovery	=	96.58%	
35) Dibromofluoromethane	7.75	113	97884	48.88	ug/l	0.03
Spiked Amount	50.000		Recovery	=	97.76%	
50) Toluene-d8	10.20	98	403478	52.29	ug/l	0.02
Spiked Amount	50.000		Recovery	=	104.58%	
62) 4-Bromofluorobenzene	12.50	95	151138	47.91	ug/l	0.02
Spiked Amount	50.000		Recovery	=	95.82%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.92	85	62771	40.829	ug/l 100
3) Chloromethane	2.13	50	95718	43.193	ug/l 99
4) Vinyl Chloride	2.27	62	102358	45.848	ug/l 100
5) Bromomethane	2.67	94	70267	58.594	ug/l 97
6) Chloroethane	2.82	64	67848	52.604	ug/l 99
7) Trichlorofluoromethane	3.15	101	138954	44.715	ug/l 99
8) Diethyl Ether	3.55	74	56498	46.789	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	3.93	101	92178	46.082	ug/l 99
10) Methyl Iodide	4.12	142	120615	44.053	ug/l 99
11) Tert butyl alcohol	4.99	59	58405	274.552	ug/l 96
12) 1,1-Dichloroethene	3.91	96	92001	44.956	ug/l 98
13) Acrolein	3.76	56	50736	264.927	ug/l 100
14) Allyl chloride	4.52	41	167741	48.565	ug/l 99
15) Acrylonitrile	5.21	53	141993	235.124	ug/l 99
16) Acetone	3.98	43	138996	283.069	ug/l 97
17) Carbon Disulfide	4.22	76	261136	39.426	ug/l 100
18) Methyl Acetate	4.51	43	74190	45.698	ug/l 97
19) Methyl tert-butyl Ether	5.26	73	272433	48.126	ug/l 98
20) Methylene Chloride	4.75	84	114639	50.110	ug/l 95
21) trans-1,2-Dichloroethene	5.27	96	108497	46.756	ug/l 96
22) Diisopropyl ether	6.16	45	356258	50.500	ug/l 99
23) Vinyl Acetate	6.10	43	1120726	248.401	ug/l 99
24) 1,1-Dichloroethane	6.05	63	192472	49.836	ug/l 99
25) 2-Butanone	7.02	43	197431	258.343	ug/l 99
26) 2,2-Dichloropropane	7.02	77	169365	47.688	ug/l 99
27) cis-1,2-Dichloroethene	7.03	96	126131	49.606	ug/l 99
28) Bromochloromethane	7.37	49	89735	56.582	ug/l 99
29) Tetrahydrofuran	7.39	42	123118	235.083	ug/l 96
30) Chloroform	7.54	83	188623	49.845	ug/l 99
31) Cyclohexane	7.82	56	173415	42.408	ug/l 98
32) 1,1,1-Trichloroethane	7.74	97	160922	47.927	ug/l 100
36) 1,1-Dichloropropene	7.95	75	148167	47.532	ug/l 98
37) Ethyl Acetate	7.11	43	83169	45.462	ug/l 99
38) Carbon Tetrachloride	7.93	117	136813	47.890	ug/l 98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012020\
 Data File : VY001290.D
 Acq On : 20 Jan 2020 12:26
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 21 06:38:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	186109	44.038	ug/l	98
40) Benzene	8.19	78	445278	48.935	ug/l	99
41) Methacrylonitrile	7.37	41	113346	131.897	ug/l #	29
42) 1,2-Dichloroethane	8.27	62	123582	48.503	ug/l	99
43) Isopropyl Acetate	8.30	43	167606	47.911	ug/l	98
44) Trichloroethene	8.97	130	115664	48.782	ug/l	98
45) 1,2-Dichloropropane	9.24	63	114787	51.027	ug/l	96
46) Dibromomethane	9.33	93	59337	48.344	ug/l	99
47) Bromodichloromethane	9.52	83	150222	50.220	ug/l	98
48) Methyl methacrylate	9.31	41	75573	46.684	ug/l	99
49) 1,4-Dioxane	9.33	88	16063	1074.626	ug/l	96
51) 4-Methyl-2-Pentanone	10.09	43	420961	237.156	ug/l	99
52) Toluene	10.27	92	281921	48.576	ug/l	99
53) t-1,3-Dichloropropene	10.49	75	163648	48.890	ug/l	98
54) cis-1,3-Dichloropropene	9.95	75	189637	50.250	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	90060	49.494	ug/l	95
56) Ethyl methacrylate	10.53	69	131682	47.309	ug/l	99
57) 1,3-Dichloropropane	10.81	76	155852	49.892	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	221314	226.071	ug/l	98
59) 2-Hexanone	10.85	43	301790	242.595	ug/l	98
60) Dibromochloromethane	11.00	129	103266	49.291	ug/l	99
61) 1,2-Dibromoethane	11.11	107	83307	46.888	ug/l	100
64) Tetrachloroethene	10.74	164	88662	45.229	ug/l	98
65) Chlorobenzene	11.53	112	300740	49.494	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.61	131	106347	50.781	ug/l	100
67) Ethyl Benzene	11.61	91	554817	49.914	ug/l	99
68) m/p-Xylenes	11.72	106	418821	99.884	ug/l	100
69) o-Xylene	12.05	106	197975	49.245	ug/l	98
70) Styrene	12.06	104	353864	50.166	ug/l	99
71) Bromoform	12.22	173	60265	46.662	ug/l #	98
73) Isopropylbenzene	12.34	105	535921	49.174	ug/l	100
74) N-amyl acetate	12.16	43	161791	47.568	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.60	83	109625	47.809	ug/l	99
76) 1,2,3-Trichloropropane	12.65	75	144522	93.124	ug/l #	100
77) Bromobenzene	12.63	156	119601	49.664	ug/l	97
78) n-propylbenzene	12.69	91	653121	49.821	ug/l	100
79) 2-Chlorotoluene	12.77	91	370402	49.199	ug/l	99
80) 1,3,5-Trimethylbenzene	12.83	105	450870	49.582	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	41667	45.529	ug/l #	100
82) 4-Chlorotoluene	12.87	91	391859	48.754	ug/l	99
83) tert-Butylbenzene	13.09	119	381813	49.969	ug/l	99
84) 1,2,4-Trimethylbenzene	13.14	105	455031	50.389	ug/l	99
85) sec-Butylbenzene	13.27	105	549937	50.029	ug/l	99
86) p-Isopropyltoluene	13.38	119	484062	50.719	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	230888	50.696	ug/l	99
88) 1,4-Dichlorobenzene	13.46	146	232355	49.571	ug/l	99
89) n-Butylbenzene	13.71	91	484403	50.393	ug/l	99
90) Hexachloroethane	13.97	117	93838	50.319	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	210480	49.727	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	17823	43.090	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012020\
Data File : VY001290.D
Acq On : 20 Jan 2020 12:26
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 21 06:38:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 10 16:01:58 2020
Response via : Initial Calibration

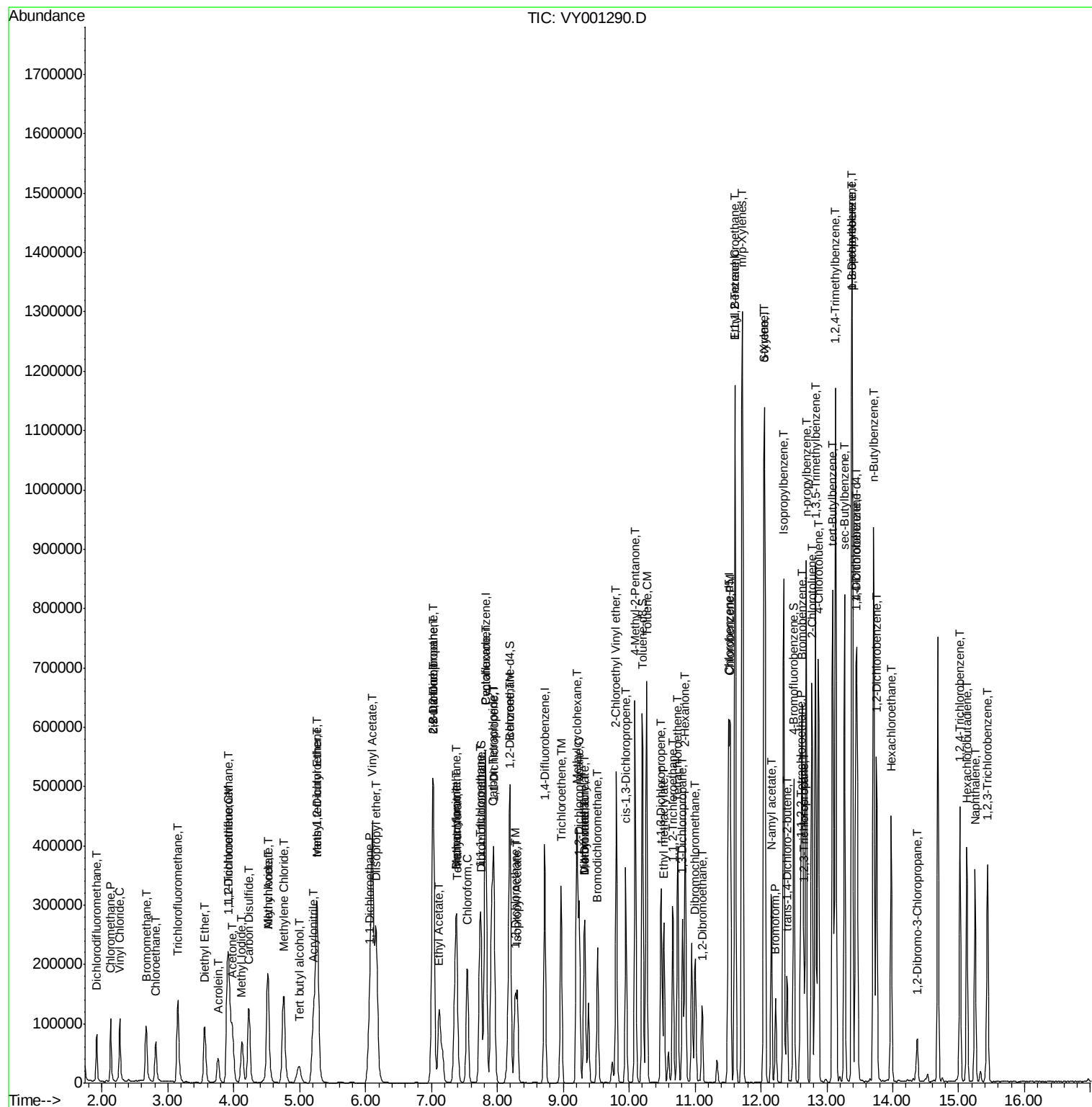
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	135904	48.732	ug/l	100
94) Hexachlorobutadiene	15.12	225	68664	48.873	ug/l	99
95) Naphthalene	15.25	128	293067	45.140	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	117293	47.723	ug/l	99

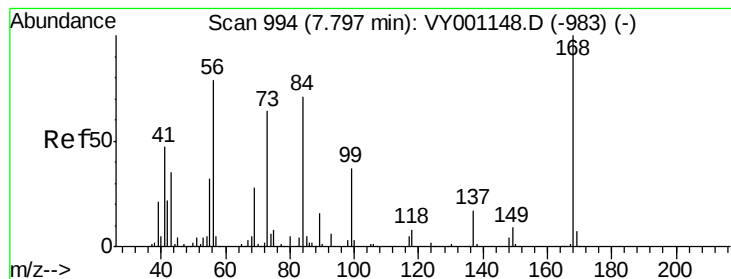
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012020\
 Data File : VY001290.D
 Acq On : 20 Jan 2020 12:26
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 21 06:38:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.02 min

Lab File: VY001290.D

Acq: 20 Jan 2020 12:26

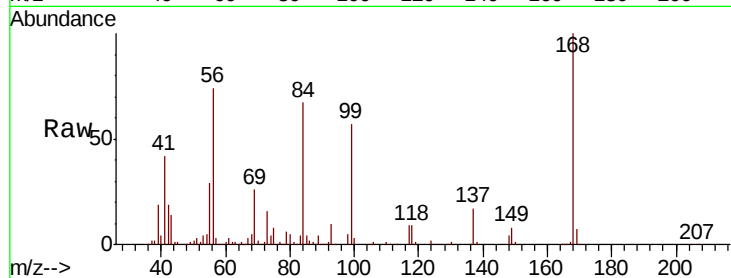
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 200186

Ion Ratio Lower Upper

168 100

99 57.1 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001148.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001148.D (-983) (-)

7.82

100000

80000

60000

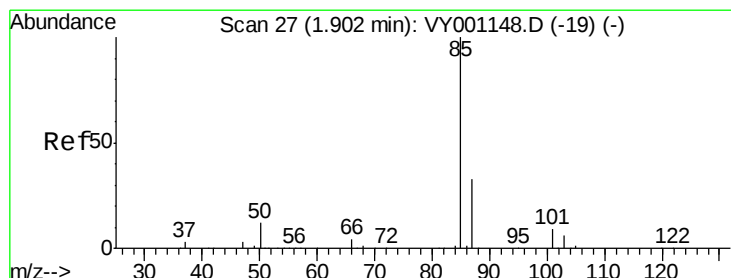
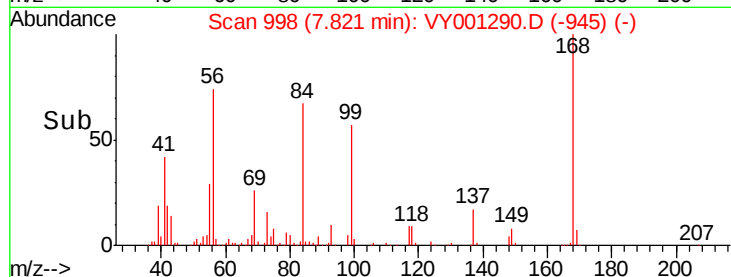
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 40.829 ug/l

RT: 1.92 min Scan# 30

Delta R.T. 0.02 min

Lab File: VY001290.D

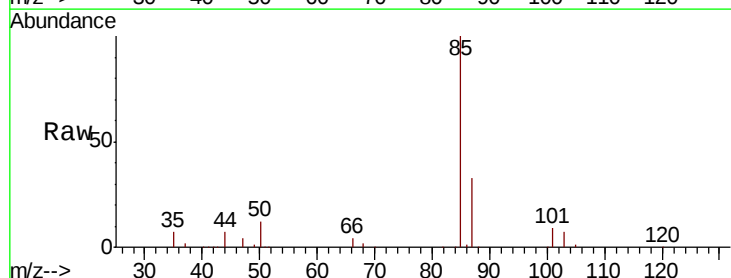
Acq: 20 Jan 2020 12:26

Tgt Ion: 85 Resp: 62771

Ion Ratio Lower Upper

85 100

87 32.5 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VY001148.D (-19) (-)

Ion 86.90 (86.60 to 87.60): VY001148.D (-19) (-)

1.92

50000

40000

30000

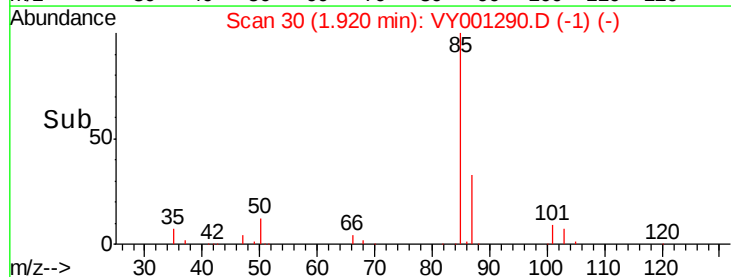
20000

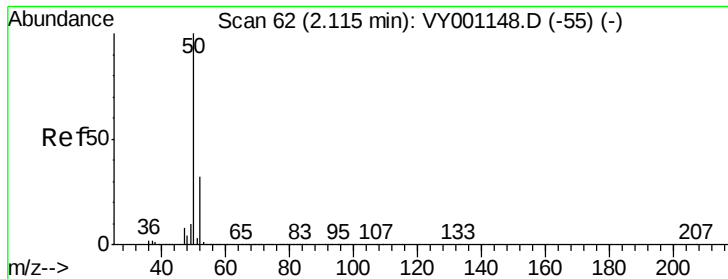
10000

0

1.90 2.00

Time-->





#3

Chloromethane

Concen: 43.193 ug/l

RT: 2.13 min Scan# 65

Delta R.T. 0.02 min

Lab File: VY001290.D

Acq: 20 Jan 2020 12:26

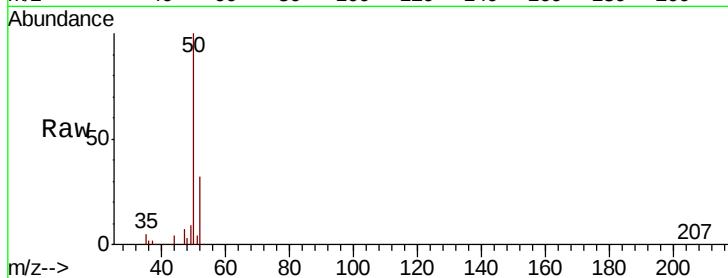
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 50 Resp: 95718

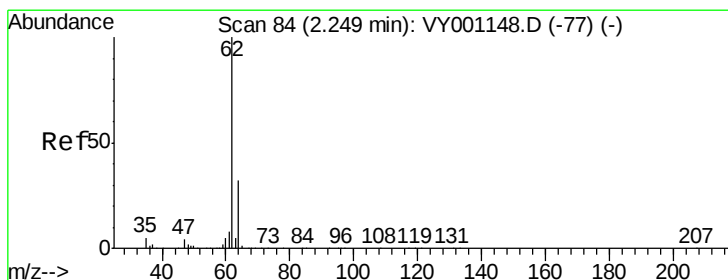
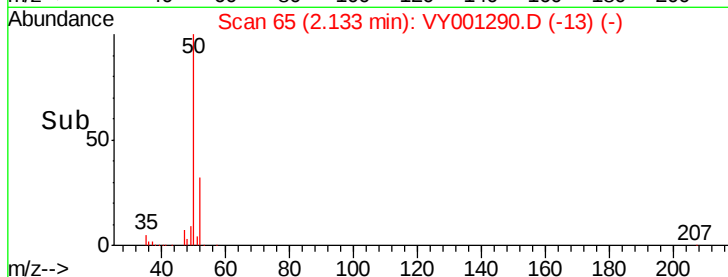
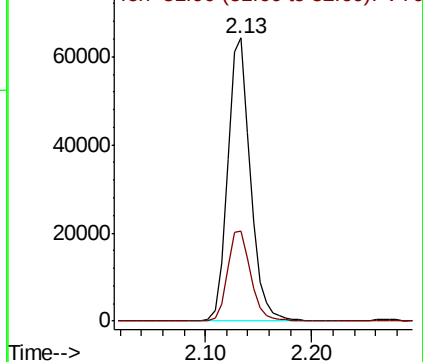
Ion Ratio Lower Upper

50 100

52 31.9 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY0
Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 45.848 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.02 min

Lab File: VY001290.D

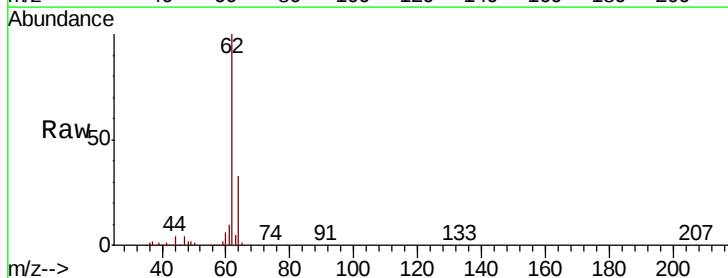
Acq: 20 Jan 2020 12:26

Tgt Ion: 62 Resp: 102358

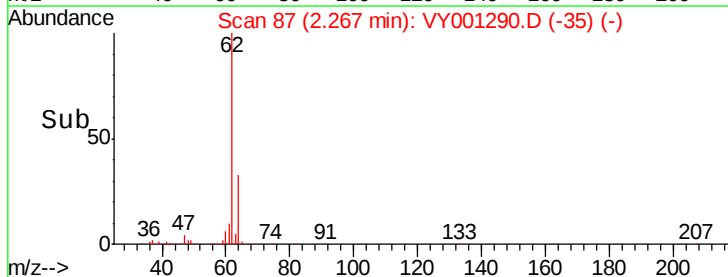
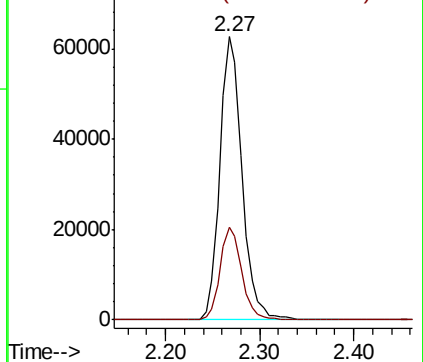
Ion Ratio Lower Upper

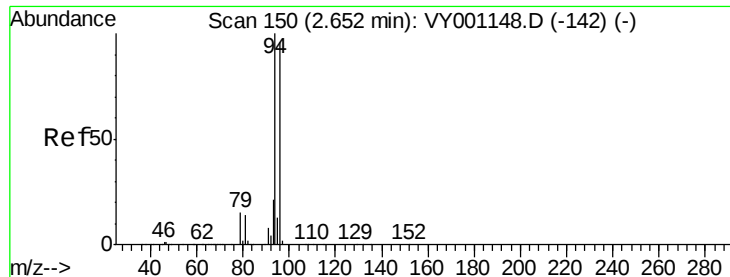
62 100

64 32.5 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 58.594 ug/l

RT: 2.67 min Scan# 153

Delta R.T. 0.02 min

Lab File: VY001290.D

Acq: 20 Jan 2020 12:26

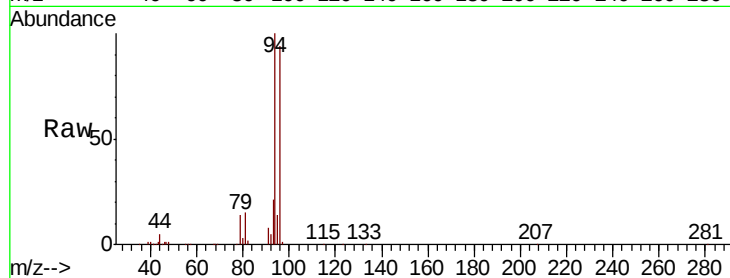
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 94 Resp: 70267

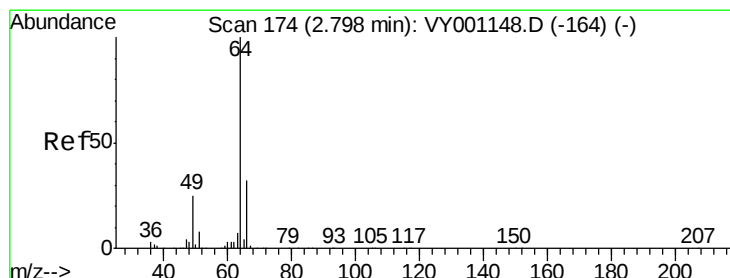
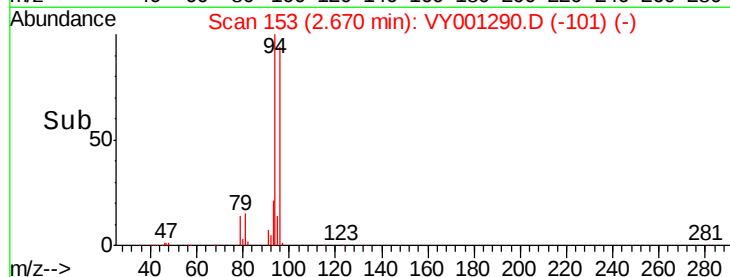
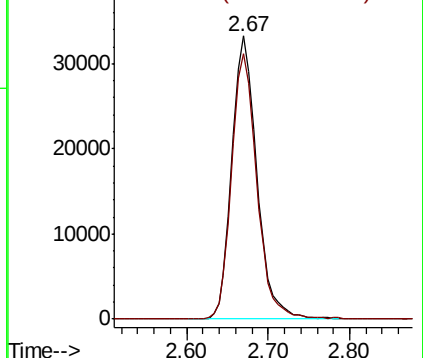
Ion Ratio Lower Upper

94 100

96 93.8 77.3 115.9



Abundance Ion 93.90 (93.60 to 94.60): VY0
Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 52.604 ug/l

RT: 2.82 min Scan# 177

Delta R.T. 0.02 min

Lab File: VY001290.D

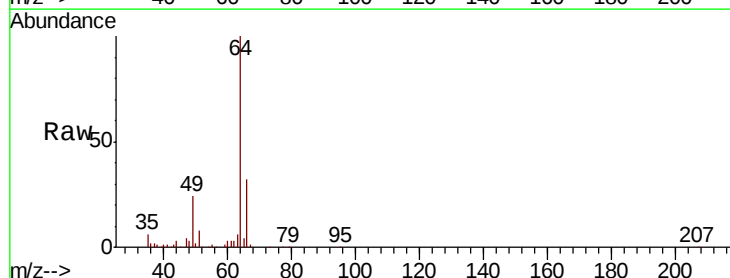
Acq: 20 Jan 2020 12:26

Tgt Ion: 64 Resp: 67848

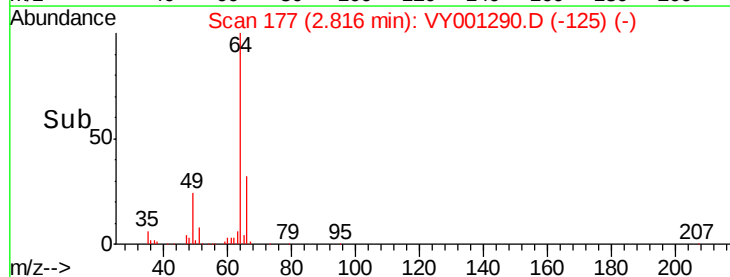
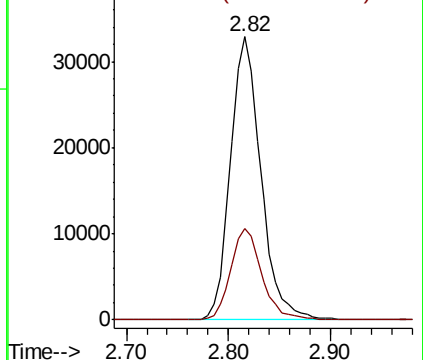
Ion Ratio Lower Upper

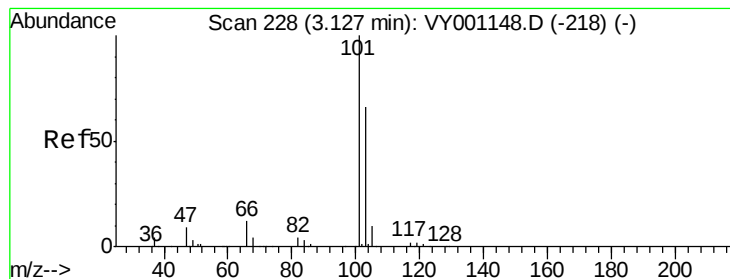
64 100

66 32.4 25.5 38.3



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



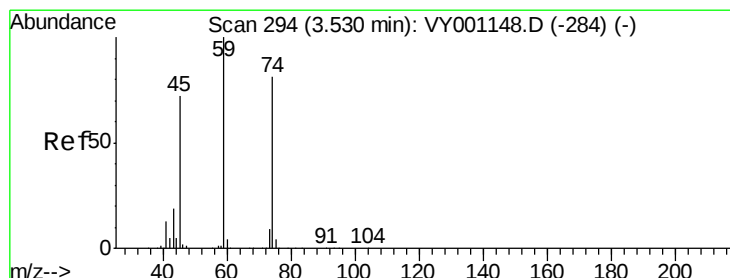
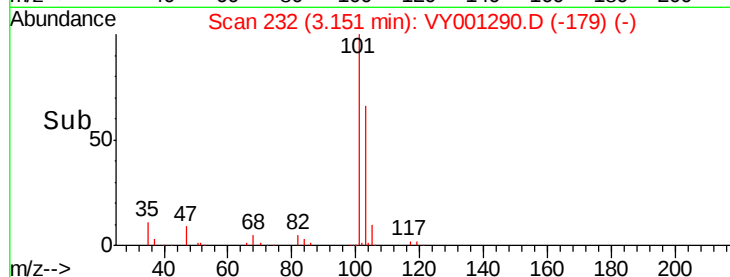
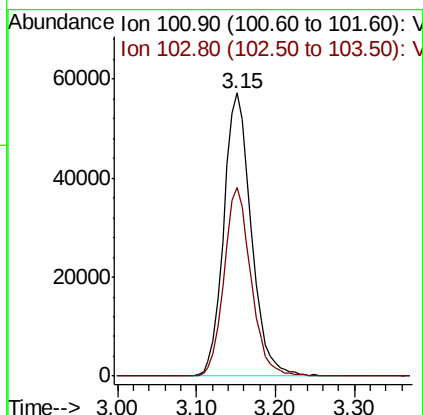
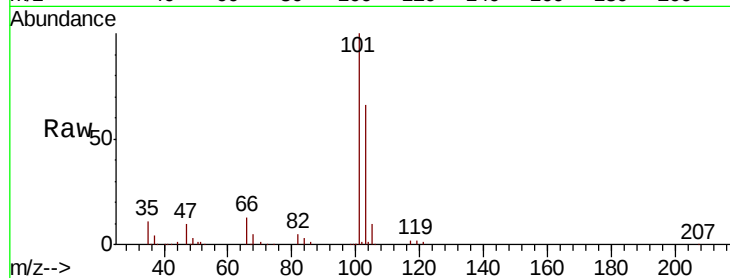


#7

Trichlorofluoromethane
 Concen: 44.715 ug/l
 RT: 3.15 min Scan# 232
 Delta R.T. 0.02 min
 Lab File: VY001290.D
 Acq: 20 Jan 2020 12:26

Instrument :
 MSVOA_Y
 ClientSampleId :

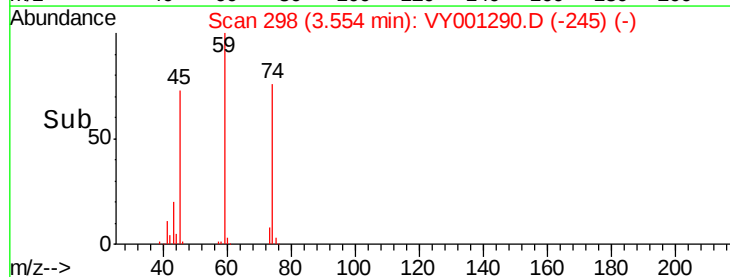
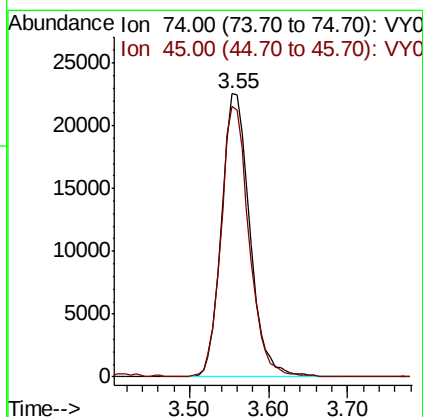
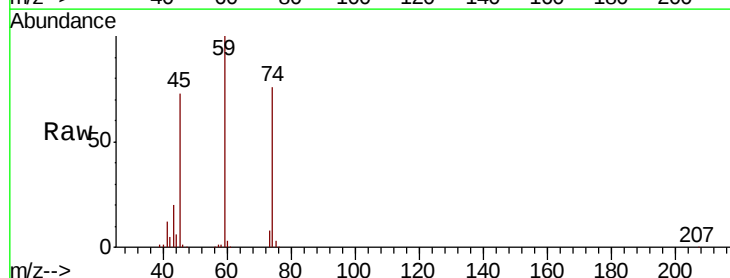
Tot Ion:101 Resp: 138954
 Ion Ratio Lower Upper
 101 100
 103 66.4 52.6 79.0

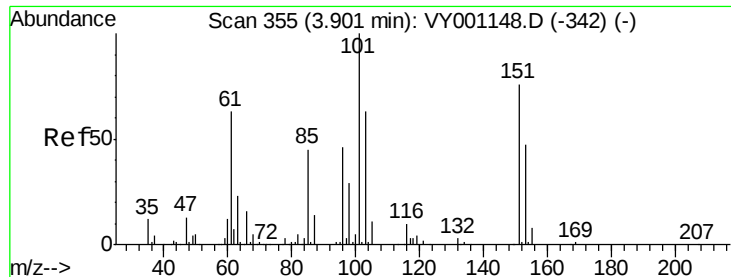


#8

Diethyl Ether
 Concen: 46.789 ug/l
 RT: 3.55 min Scan# 298
 Delta R.T. 0.02 min
 Lab File: VY001290.D
 Acq: 20 Jan 2020 12:26

Tgt Ion: 74 Resp: 56498
 Ion Ratio Lower Upper
 74 100
 45 94.5 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.082 ug/l

RT: 3.93 min Scan# 360

Delta R.T. 0.03 min

Lab File: VY001290.D

Acq: 20 Jan 2020 12:26

Instrument :

MSVOA_Y

ClientSampleId :

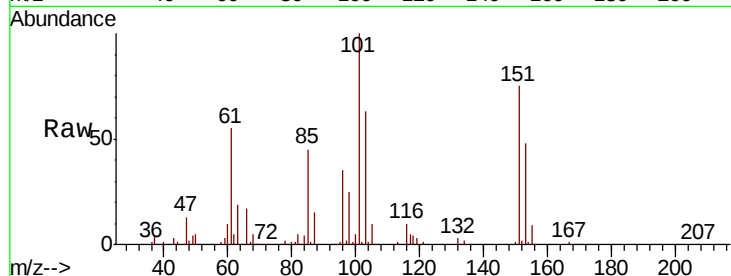
Tot Ion:101 Resp: 92178

Ion Ratio Lower Upper

101 100

85 43.8 35.2 52.8

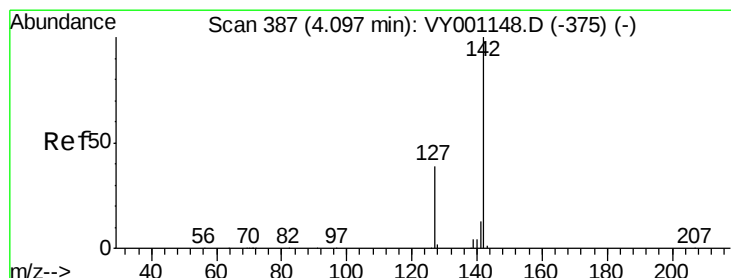
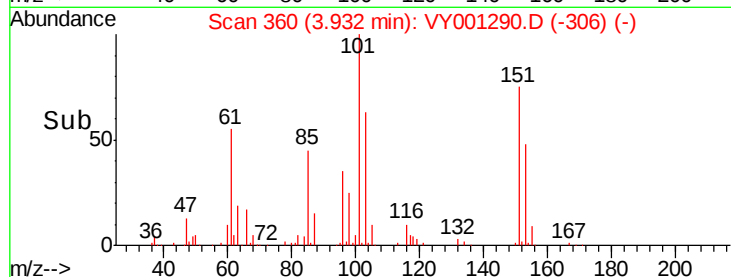
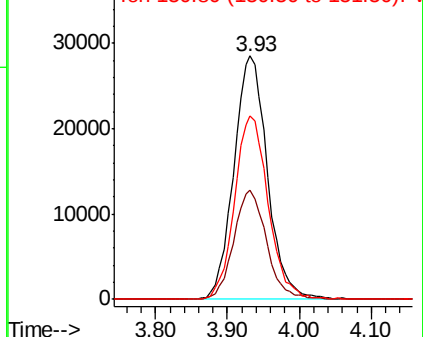
151 75.7 61.4 92.2



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: 44.053 ug/l

RT: 4.12 min Scan# 391

Delta R.T. 0.02 min

Lab File: VY001290.D

Acq: 20 Jan 2020 12:26

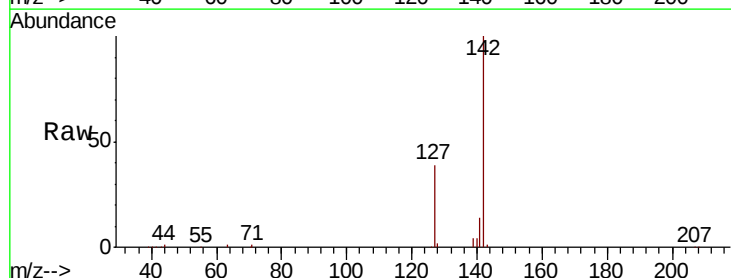
Tgt Ion:142 Resp: 120615

Ion Ratio Lower Upper

142 100

127 39.4 30.8 46.2

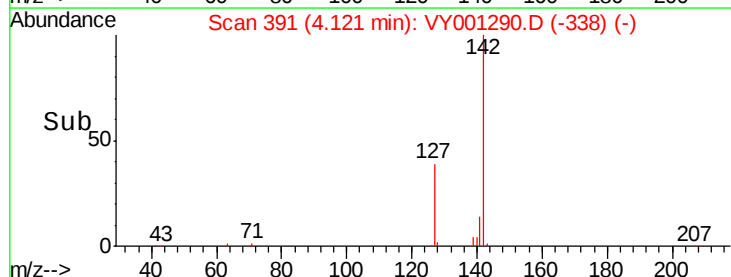
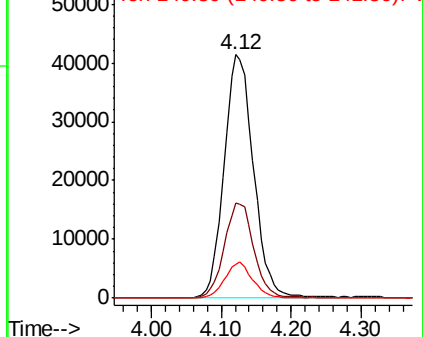
141 13.9 11.0 16.4

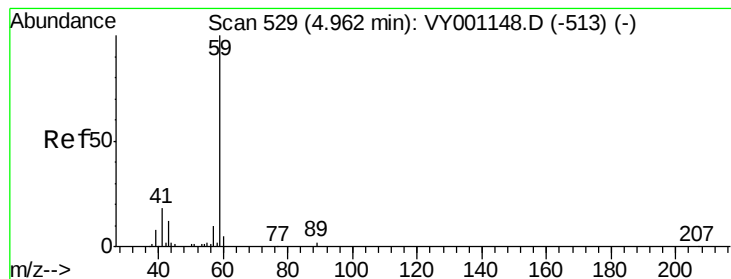


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



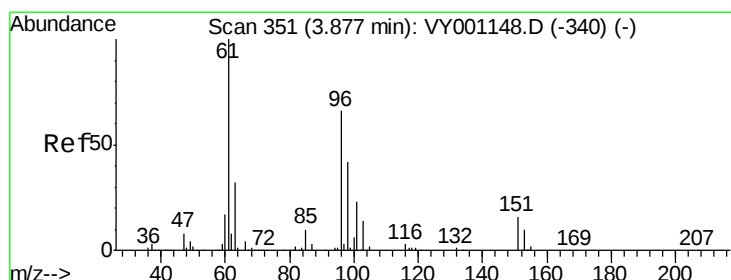
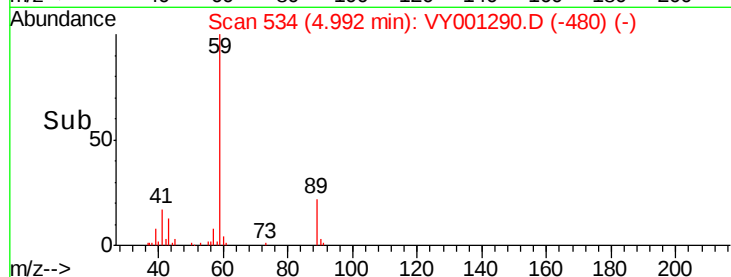
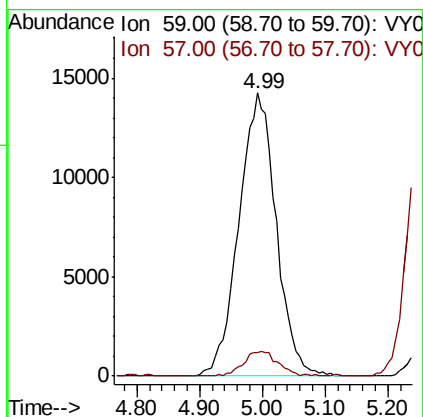
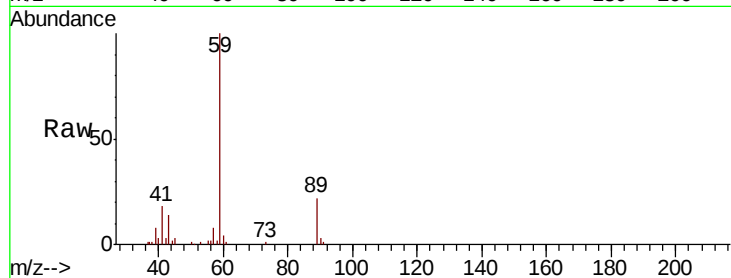


#11

Tert butyl alcohol
Concen: 274.552 ug/l
RT: 4.99 min Scan# 534
Delta R.T. 0.03 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Instrument :
MSVOA_Y
ClientSampleId :

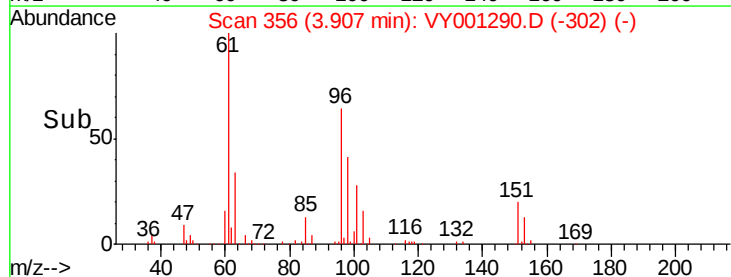
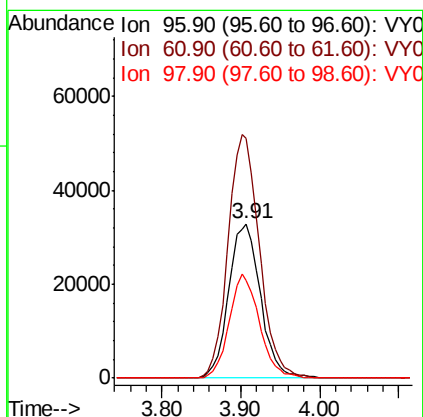
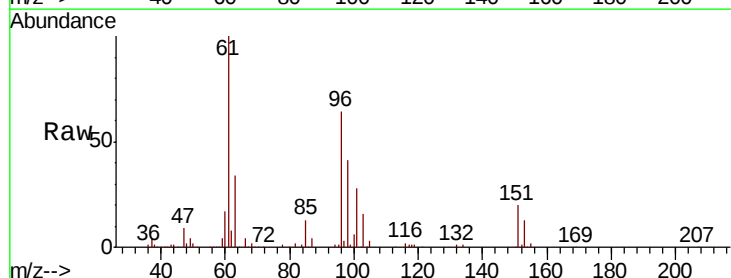
Tot Ion: 59 Resp: 58405
Ion Ratio Lower Upper
59 100
57 8.2 7.8 11.8

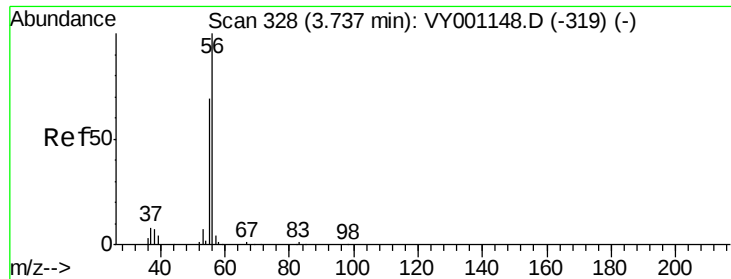


#12

1,1-Dichloroethene
Concen: 44.956 ug/l
RT: 3.91 min Scan# 356
Delta R.T. 0.03 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Tgt Ion: 96 Resp: 92001
Ion Ratio Lower Upper
96 100
61 155.3 122.1 183.1
98 63.1 51.0 76.6





#13

Acrolein

Concen: 264.927 ug/l

RT: 3.76 min Scan# 332

Delta R.T. 0.02 min

Lab File: VY001290.D

Acq: 20 Jan 2020 12:26

Instrument :

MSVOA_Y

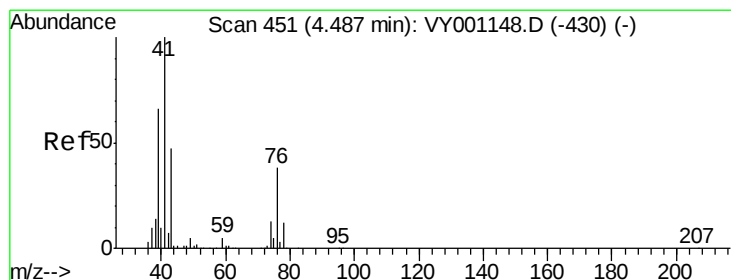
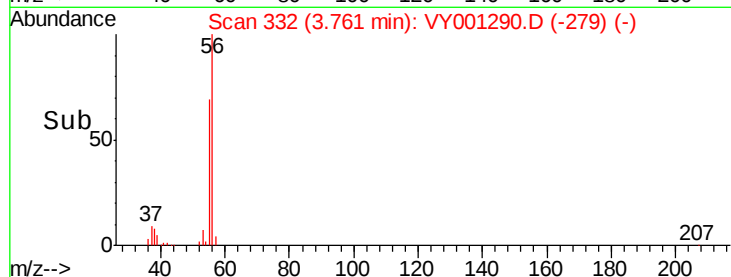
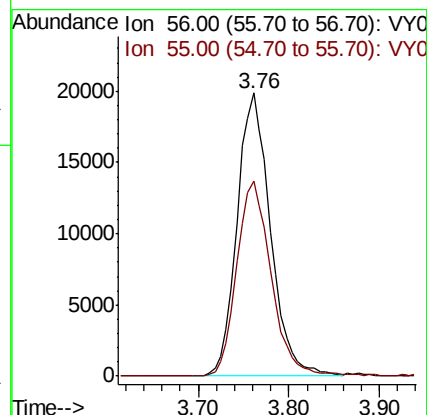
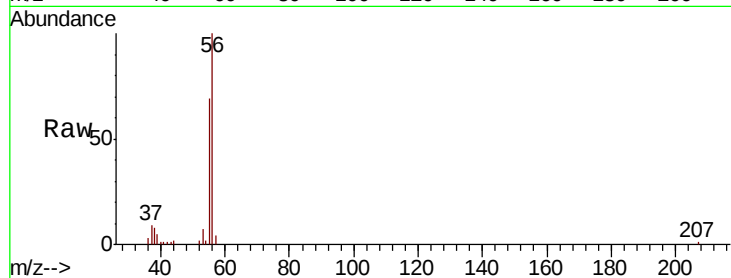
ClientSampleId :

Tot Ion: 56 Resp: 50736

Ion Ratio Lower Upper

56 100

55 71.2 56.7 85.1



#14

Allyl chloride

Concen: 48.565 ug/l

RT: 4.52 min Scan# 456

Delta R.T. 0.03 min

Lab File: VY001290.D

Acq: 20 Jan 2020 12:26

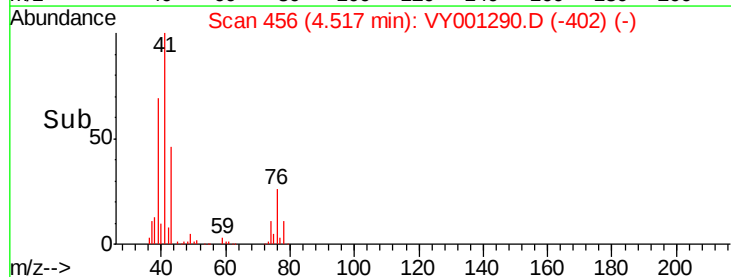
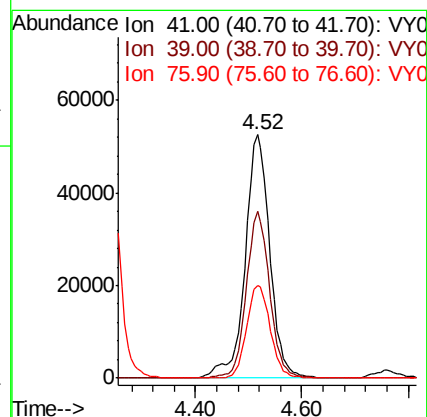
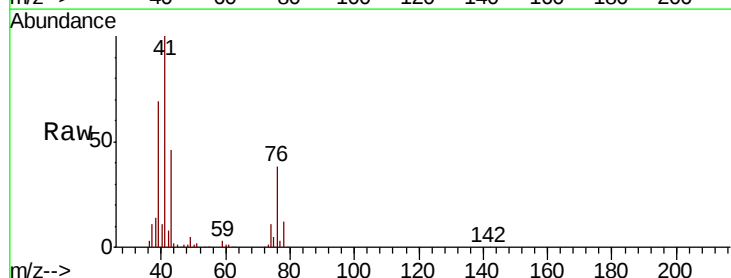
Tgt Ion: 41 Resp: 167741

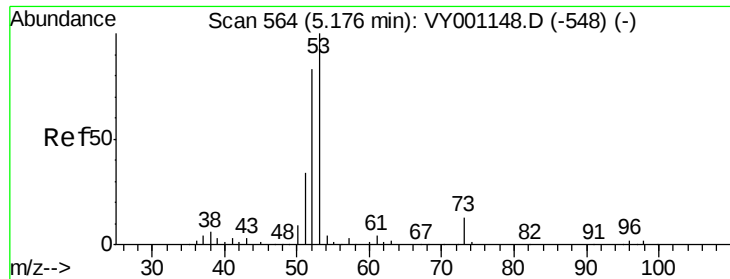
Ion Ratio Lower Upper

41 100

39 65.2 52.6 78.8

76 36.6 30.2 45.2





#15

Acrylonitrile

Concen: 235.124 ug/l

RT: 5.21 min Scan# 569

Delta R.T. 0.03 min

Lab File: VY001290.D

Acq: 20 Jan 2020 12:26

Instrument :

MSVOA_Y

ClientSampleId :

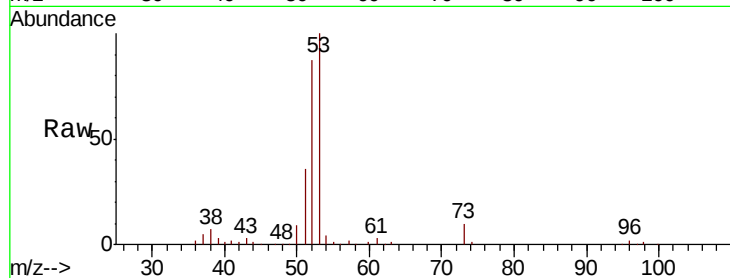
Tot Ion: 53 Resp: 141993

Ion Ratio Lower Upper

53 100

52 83.1 65.7 98.5

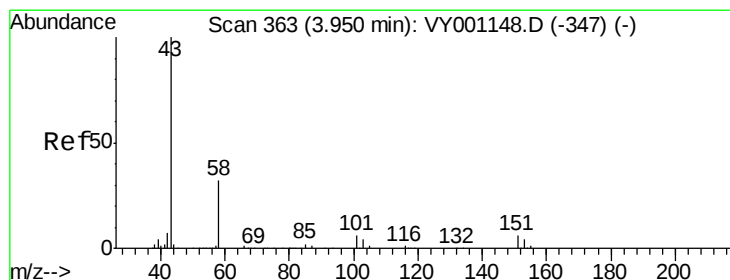
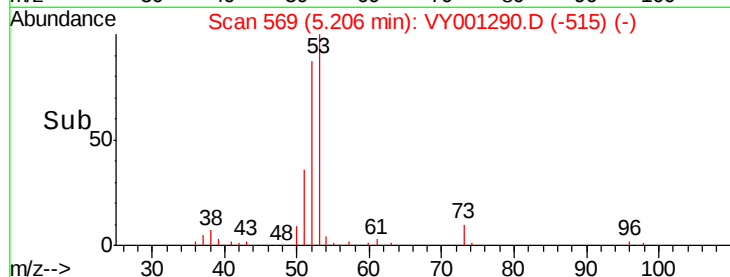
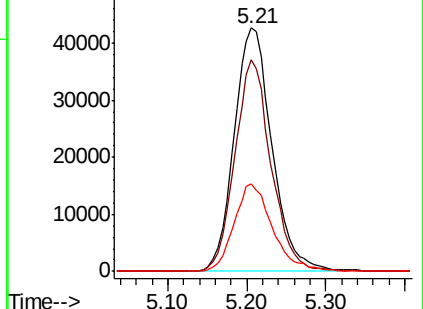
51 36.5 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VY001290.D (-515) (-)

Ion 52.00 (51.70 to 52.70): VY001290.D (-515) (-)

Ion 51.00 (50.70 to 51.70): VY001290.D (-515) (-)



#16

Acetone

Concen: 283.069 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.03 min

Lab File: VY001290.D

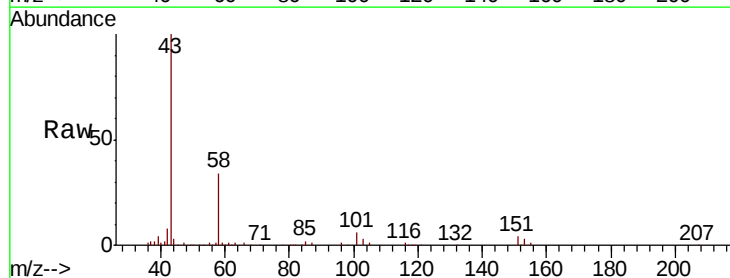
Acq: 20 Jan 2020 12:26

Tgt Ion: 43 Resp: 138996

Ion Ratio Lower Upper

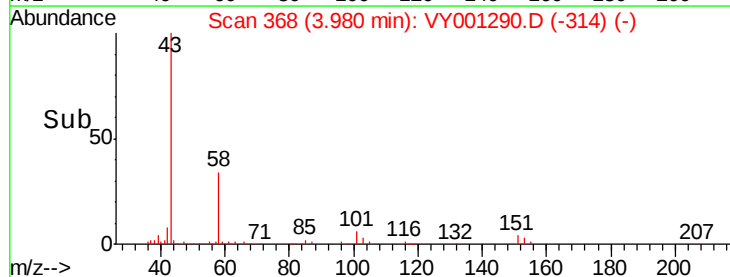
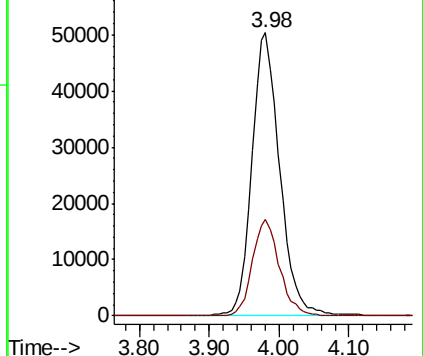
43 100

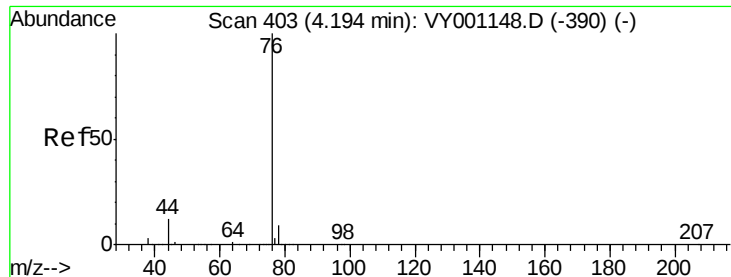
58 34.1 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY001290.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VY001290.D (-314) (-)

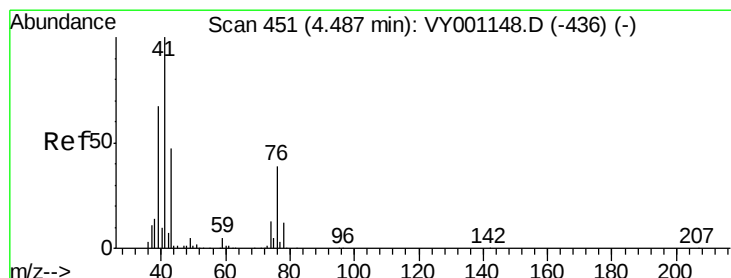
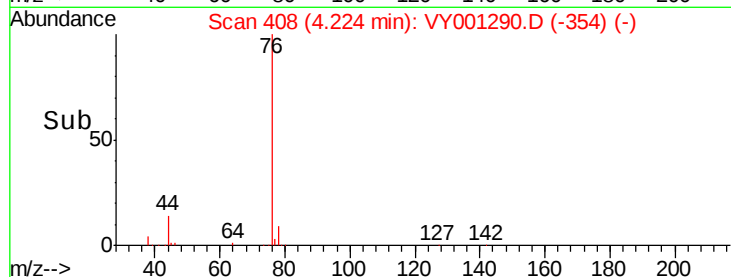
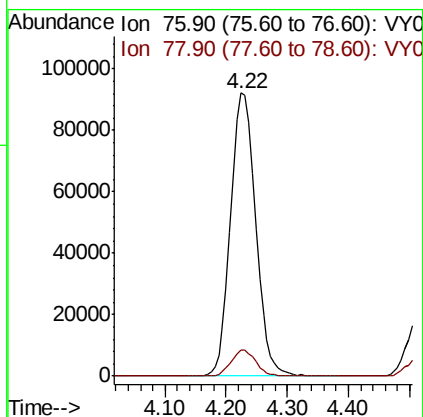
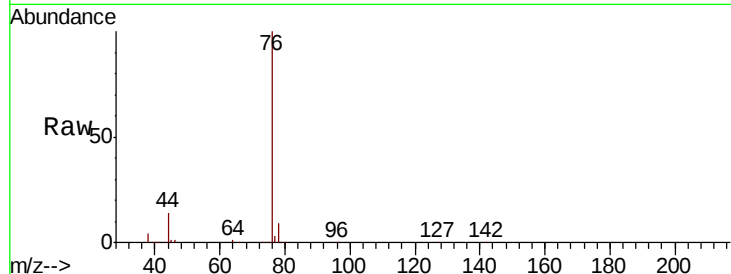




#17
Carbon Disulfide
Concen: 39.426 ug/l
RT: 4.22 min Scan# 408
Delta R.T. 0.03 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

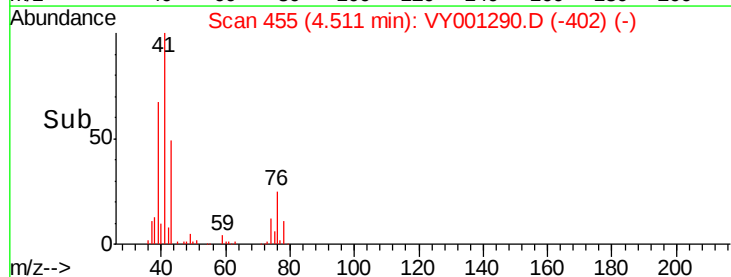
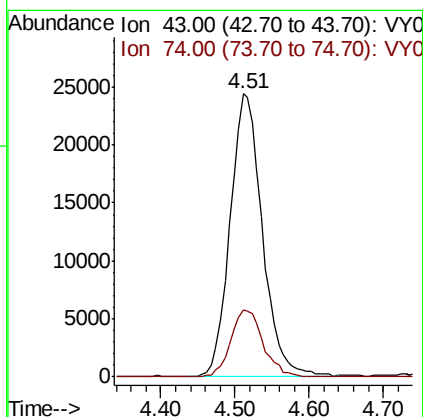
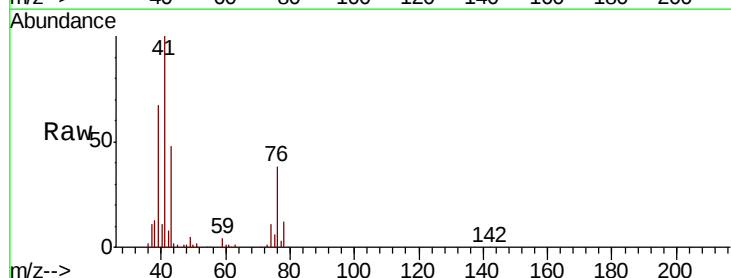
Instrument :
MSVOA_Y
ClientSampled :

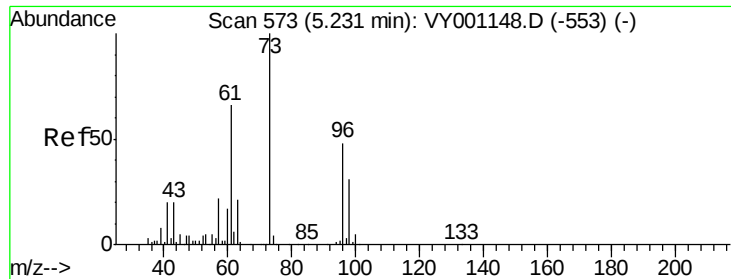
Tot Ion: 76 Resp: 261136
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 45.698 ug/l
RT: 4.51 min Scan# 455
Delta R.T. 0.02 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Tgt Ion: 43 Resp: 74190
Ion Ratio Lower Upper
43 100
74 23.7 20.2 30.2

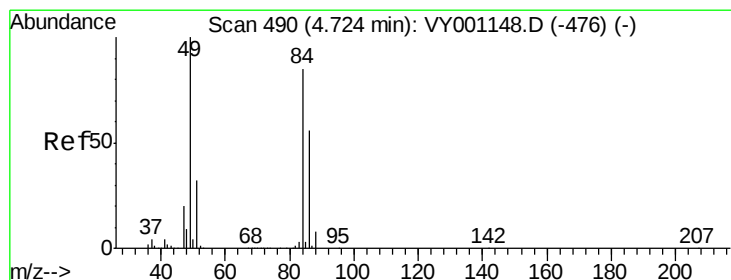
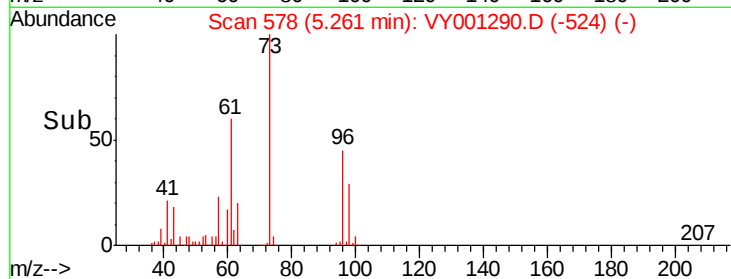
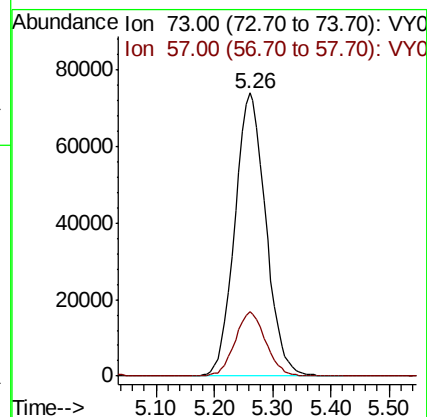
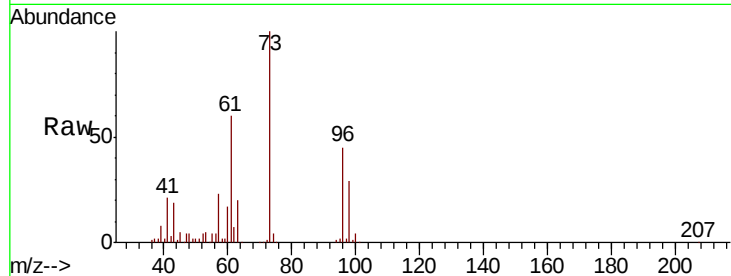




#19
Methvl tert-butvl Ether
Concen: 48.126 ug/l
RT: 5.26 min Scan# 578
Delta R.T. 0.03 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

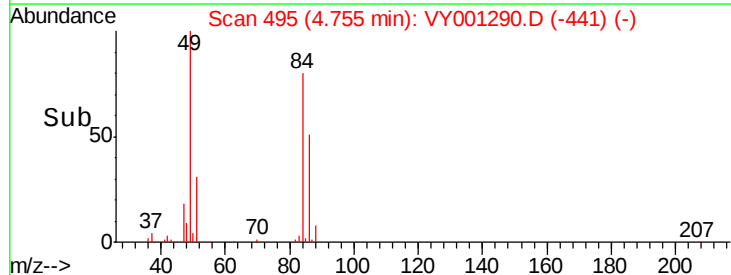
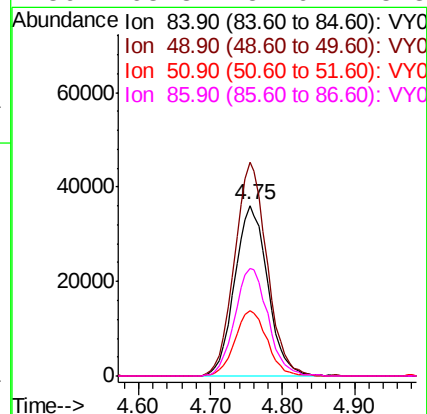
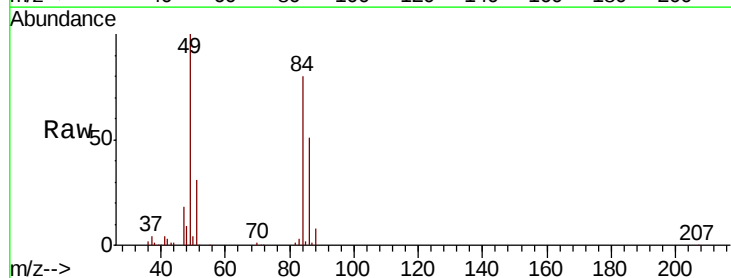
Instrument :
MSVOA_Y
ClientSampleId :

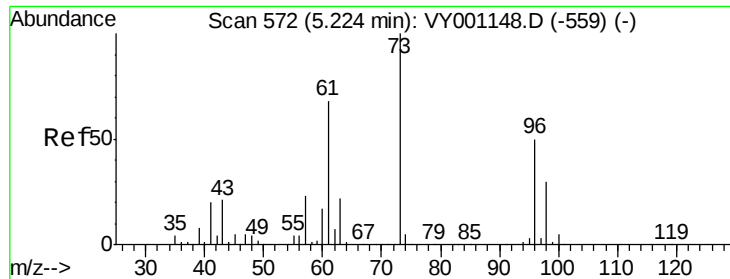
Tot Ion: 73 Resp: 272433
Ion Ratio Lower Upper
73 100
57 23.0 17.8 26.6



#20
Methylene Chloride
Concen: 50.110 ug/l
RT: 4.75 min Scan# 495
Delta R.T. 0.03 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Tgt Ion: 84 Resp: 114639
Ion Ratio Lower Upper
84 100
49 125.4 93.8 140.6
51 38.5 29.9 44.9
86 63.3 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 46.756 ug/l

RT: 5.27 min Scan# 579

Delta R.T. 0.04 min

Lab File: VY001290.D

Acq: 20 Jan 2020 12:26

Instrument :

MSVOA_Y

ClientSampled :

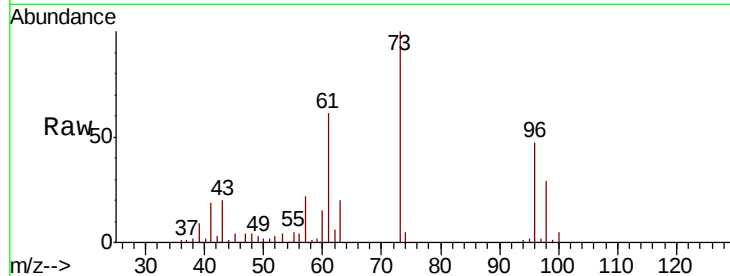
Tot Ion: 96 Resp: 108497

Ion Ratio Lower Upper

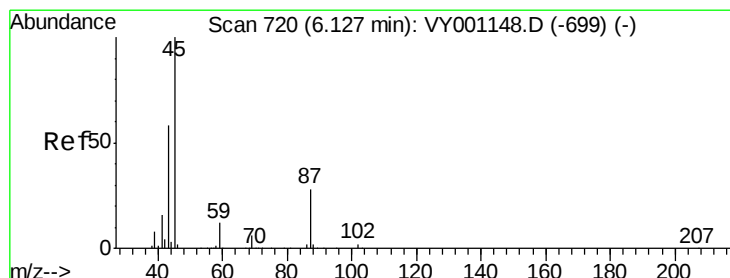
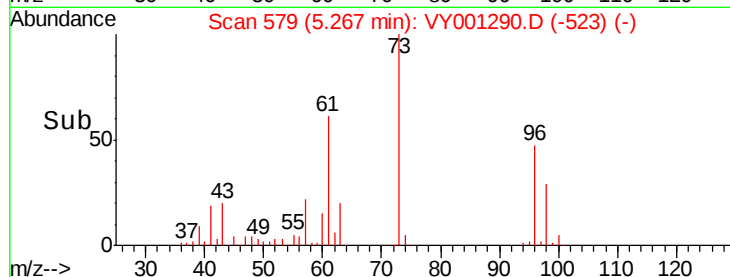
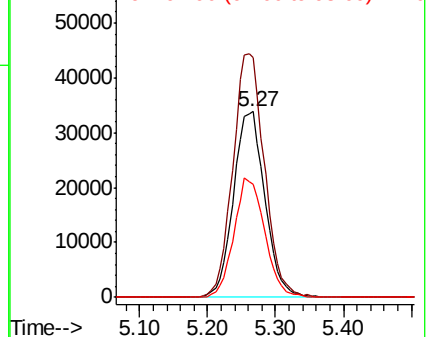
96 100

61 129.1 107.6 161.4

98 60.9 47.6 71.4



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



#22

Diisopropyl ether

Concen: 50.500 ug/l

RT: 6.16 min Scan# 725

Delta R.T. 0.03 min

Lab File: VY001290.D

Acq: 20 Jan 2020 12:26

Tgt Ion: 45 Resp: 356258

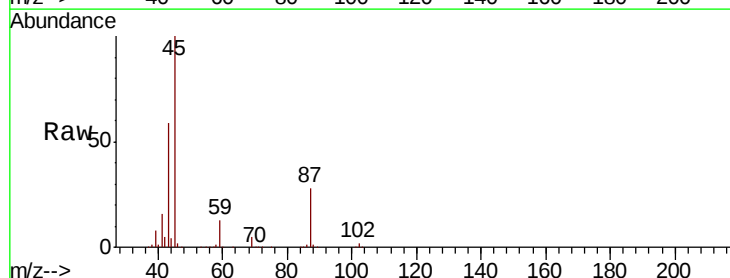
Ion Ratio Lower Upper

45 100

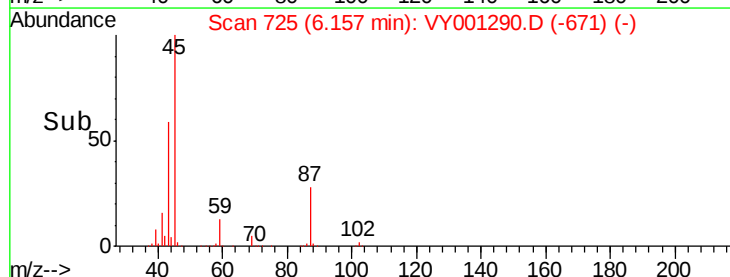
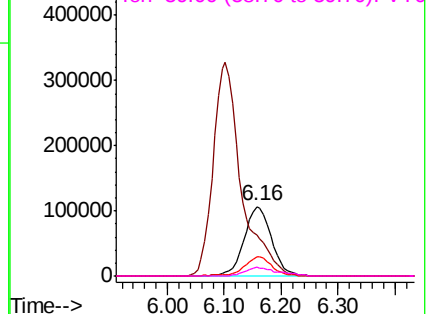
43 58.5 46.5 69.7

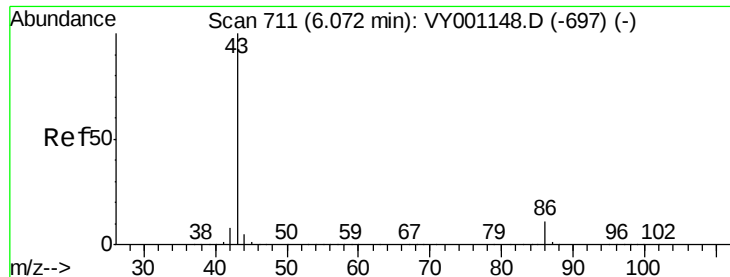
87 27.7 22.5 33.7

59 12.6 9.4 14.0



Abundance Ion 45.00 (44.70 to 45.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 87.00 (86.70 to 87.70): VY0
Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 248.401 ug/l

RT: 6.10 min Scan# 716

Delta R.T. 0.03 min

Lab File: VY001290.D

Acq: 20 Jan 2020 12:26

Instrument :

MSVOA_Y

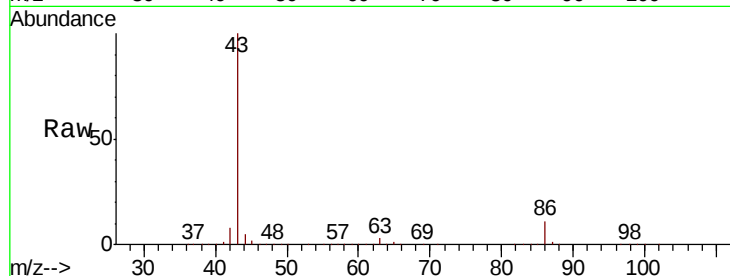
ClientSampleId :

Tot Ion: 43 Resp: 1120726

Ion Ratio Lower Upper

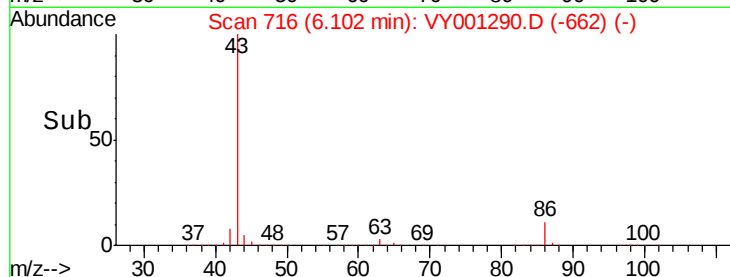
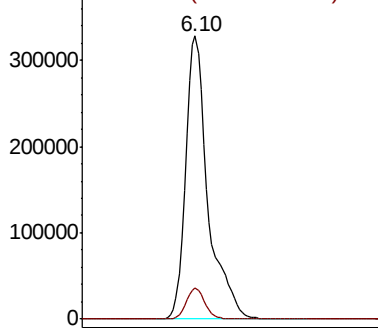
43 100

86 10.9 9.0 13.4

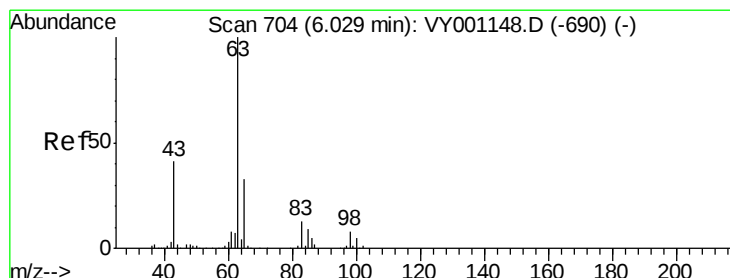


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



Time-->



#24

1,1-Dichloroethane

Concen: 49.836 ug/l

RT: 6.05 min Scan# 708

Delta R.T. 0.02 min

Lab File: VY001290.D

Acq: 20 Jan 2020 12:26

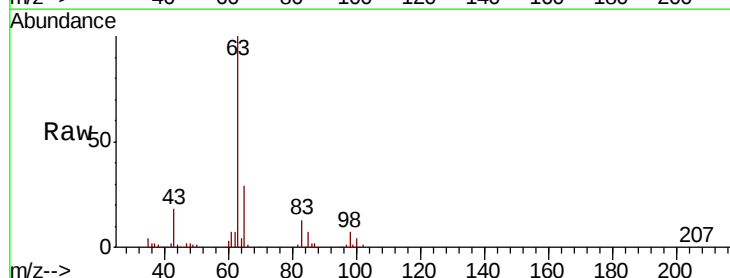
Tgt Ion: 63 Resp: 192472

Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.7

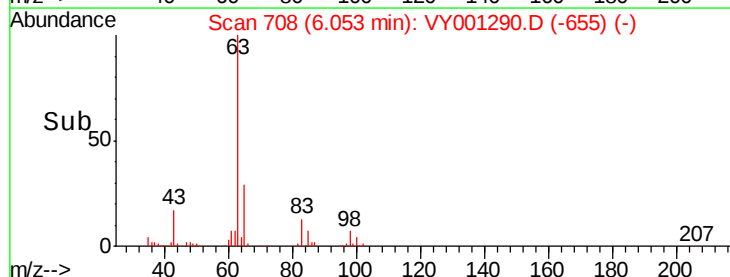
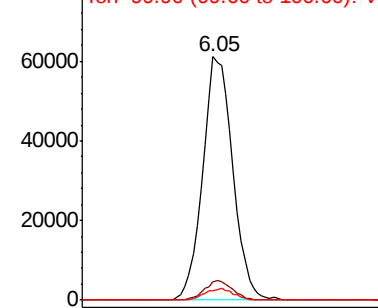
100 4.1 2.4 7.2



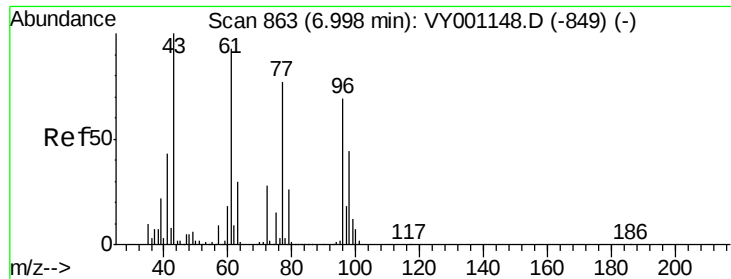
Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0



Time-->



#25

2-Butanone

Concen: 258.343 ug/l

RT: 7.02 min Scan# 867

Delta R.T. 0.02 min

Lab File: VY001290.D

Acq: 20 Jan 2020 12:26

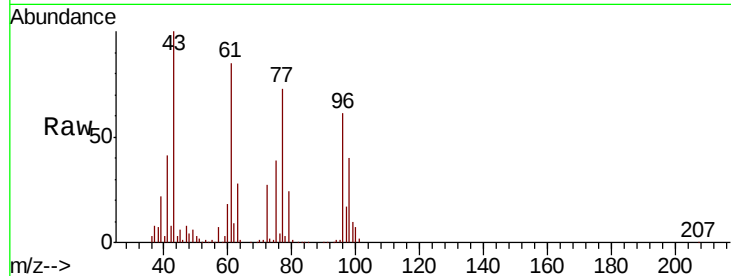
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 197431

Ion Ratio Lower Upper

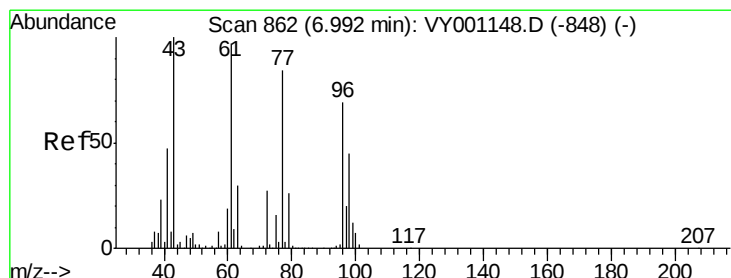
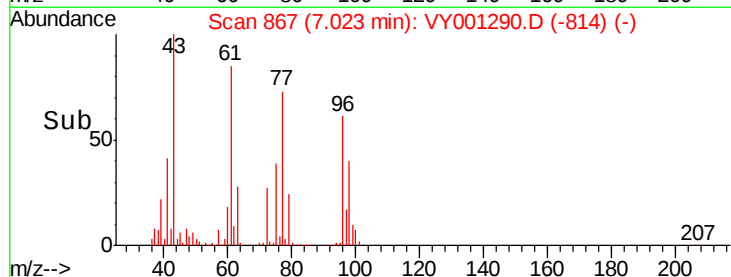
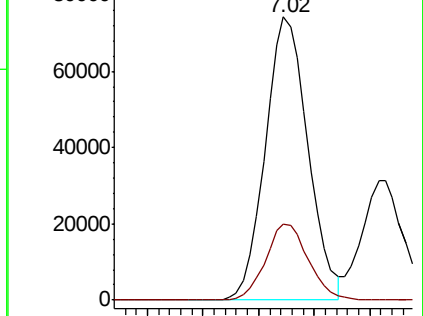
43 100

72 27.0 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 47.688 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.02 min

Lab File: VY001290.D

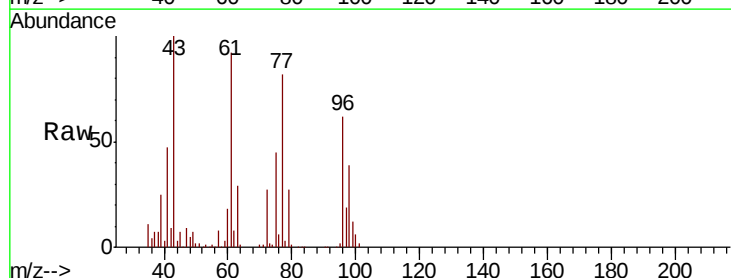
Acq: 20 Jan 2020 12:26

Tgt Ion: 77 Resp: 169365

Ion Ratio Lower Upper

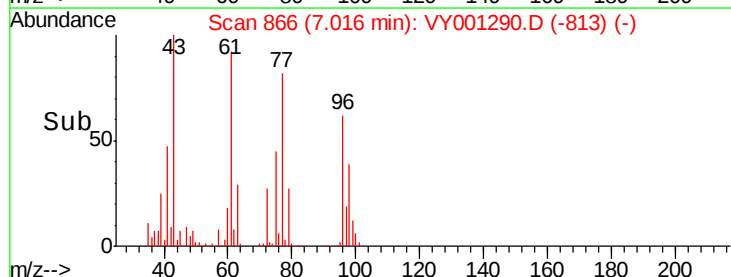
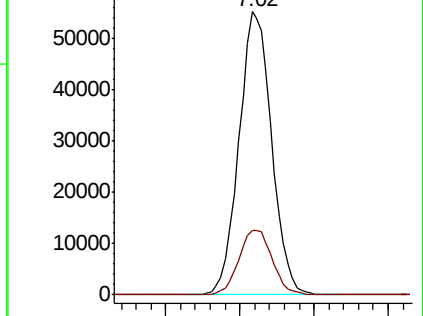
77 100

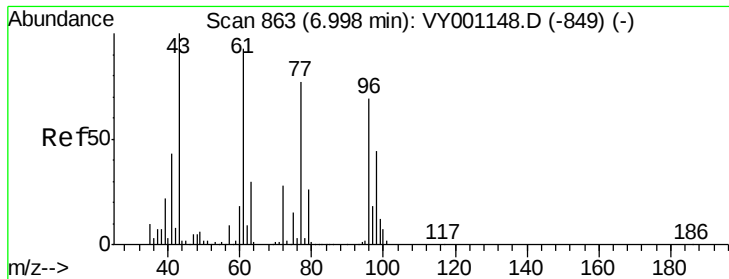
97 23.4 11.9 35.7



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



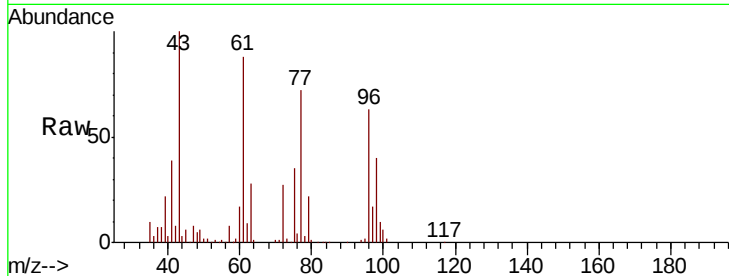


#27

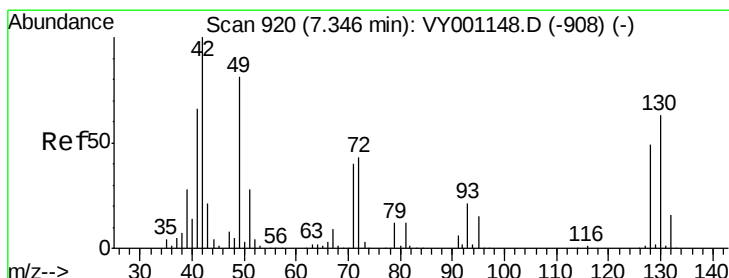
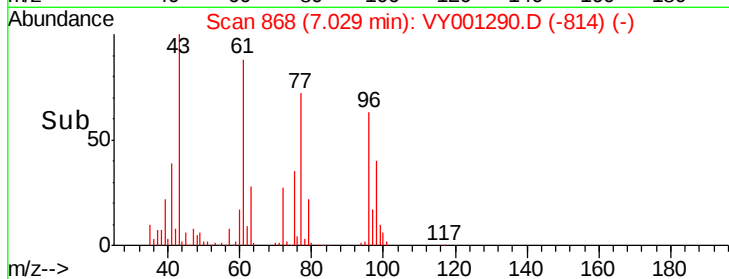
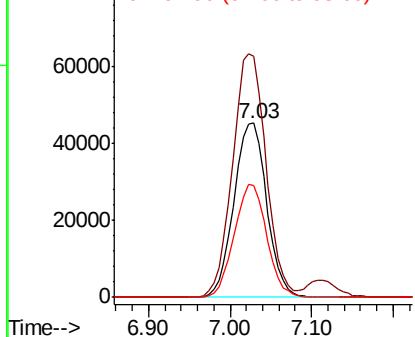
cis-1,2-Dichloroethene
Concen: 49.606 ug/l
RT: 7.03 min Scan# 868
Delta R.T. 0.03 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 96 Resp: 126131
Ion Ratio Lower Upper
96 100
61 142.5 0.0 284.0
98 64.3 0.0 130.2



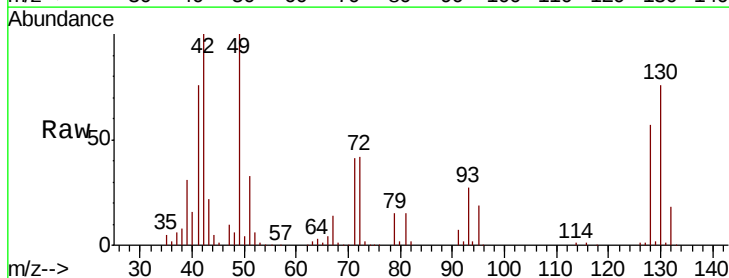
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



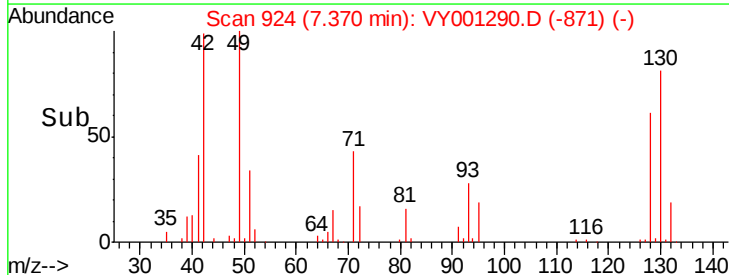
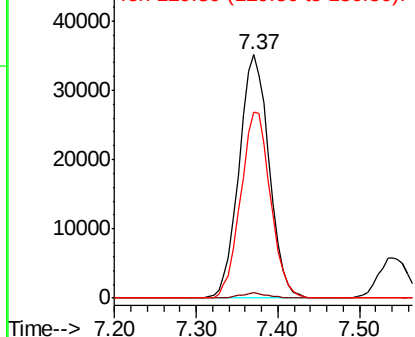
#28

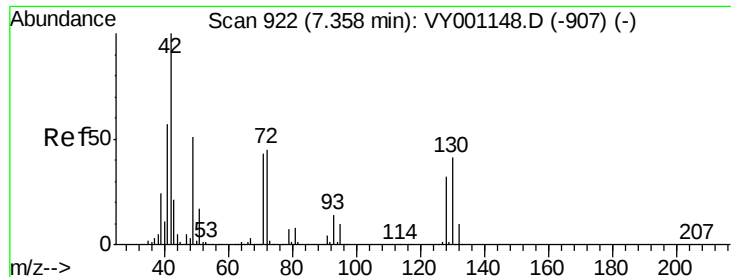
Bromochloromethane
Concen: 56.582 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.02 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Tgt Ion: 49 Resp: 89735
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.4
130 75.9 61.2 91.8



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

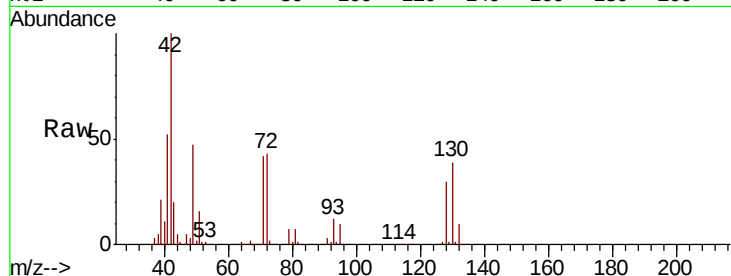




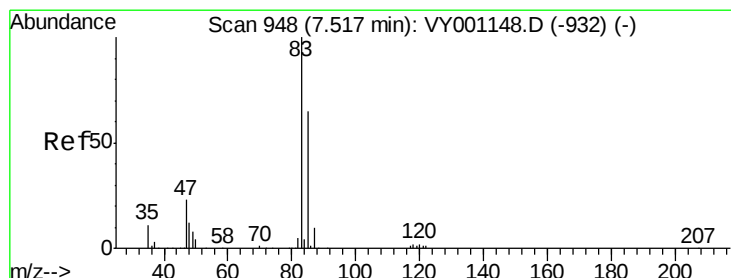
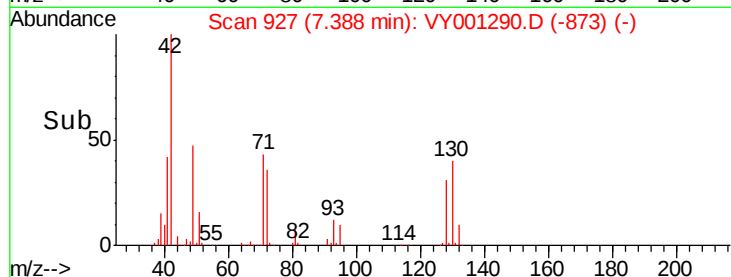
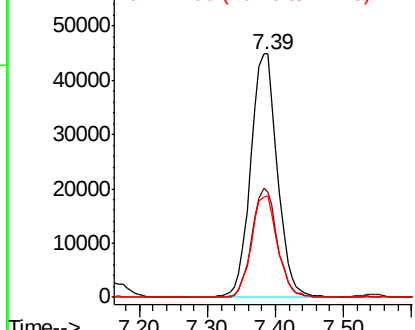
#29
Tetrahydrofuran
Concen: 235.083 ug/l
RT: 7.39 min Scan# 927
Delta R.T. 0.03 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.5	36.9	55.3
71	40.7	34.0	51.0

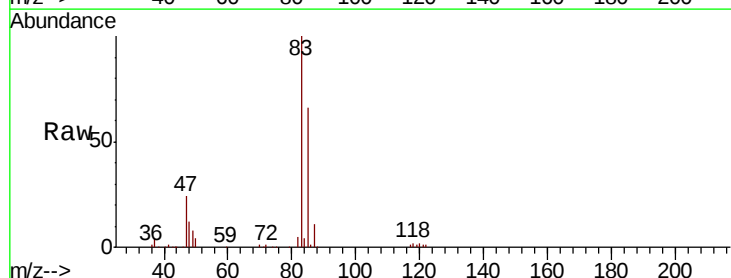


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

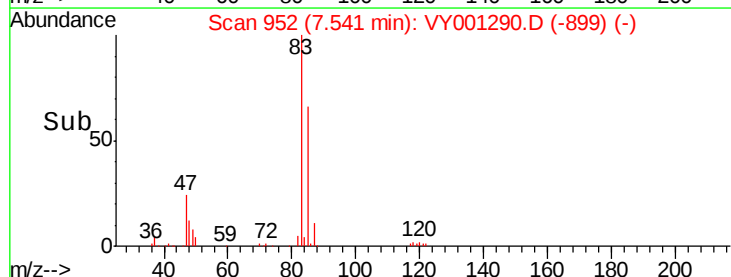
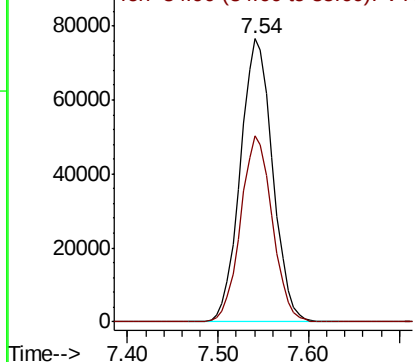


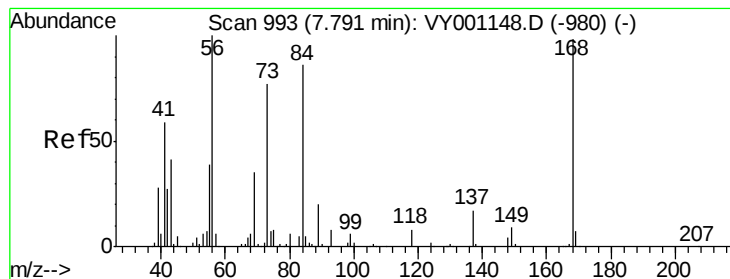
#30
Chloroform
Concen: 49.845 ug/l
RT: 7.54 min Scan# 952
Delta R.T. 0.02 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	51.9	77.9



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





#31

Cyclohexane

Concen: 42.408 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.02 min

Lab File: VY001290.D

Acq: 20 Jan 2020 12:26

Instrument :
MSVOA_Y
ClientSampled :

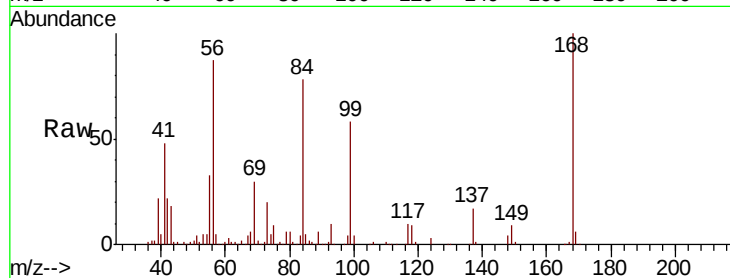
Tot Ion: 56 Resp: 173415

Ion Ratio Lower Upper

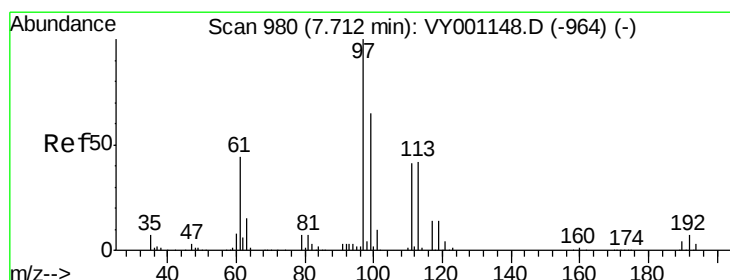
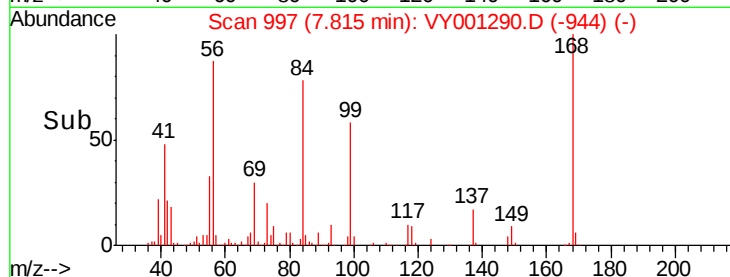
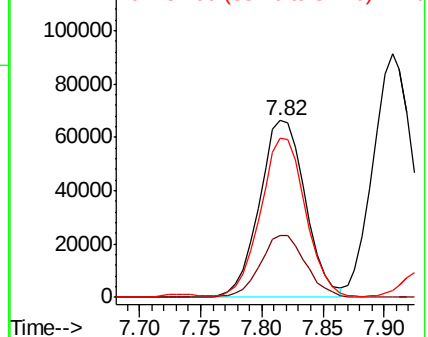
56 100

69 34.8 27.8 41.8

84 88.9 68.9 103.3



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: 47.927 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.02 min

Lab File: VY001290.D

Acq: 20 Jan 2020 12:26

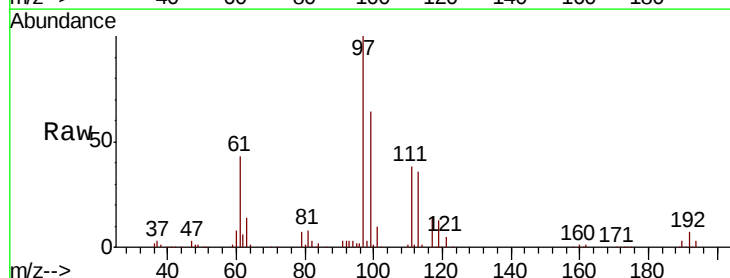
Tgt Ion: 97 Resp: 160922

Ion Ratio Lower Upper

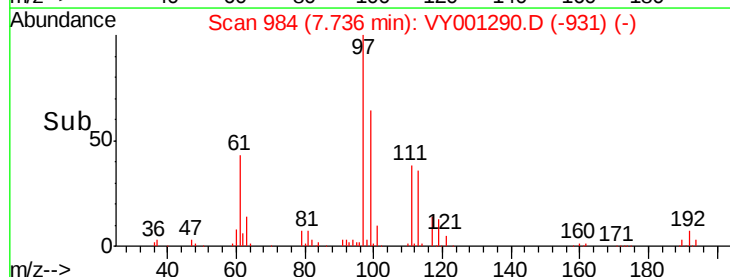
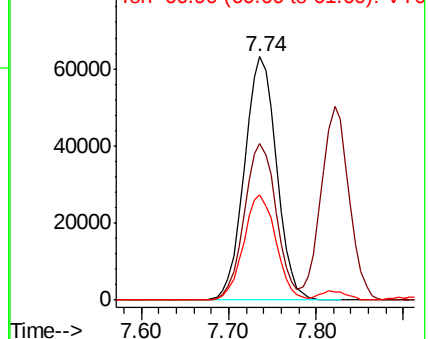
97 100

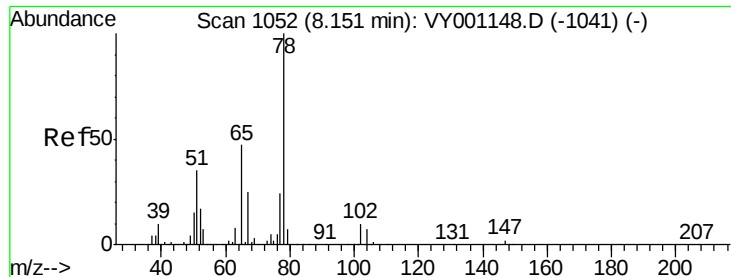
99 64.2 51.3 76.9

61 43.7 34.6 52.0



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

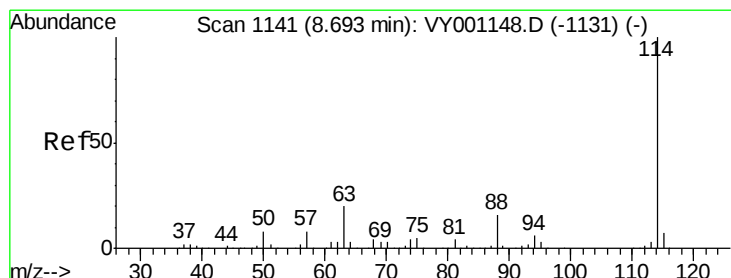
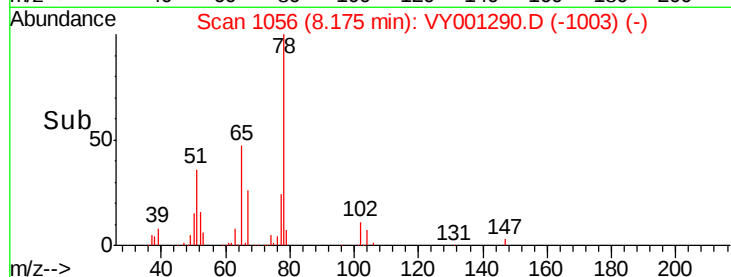
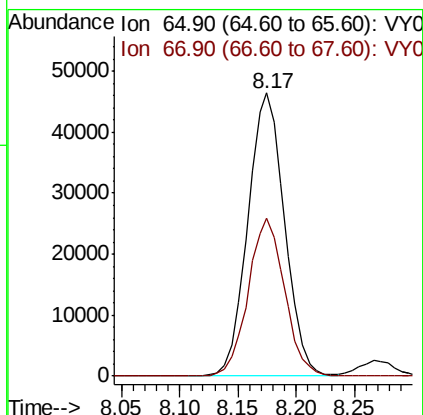
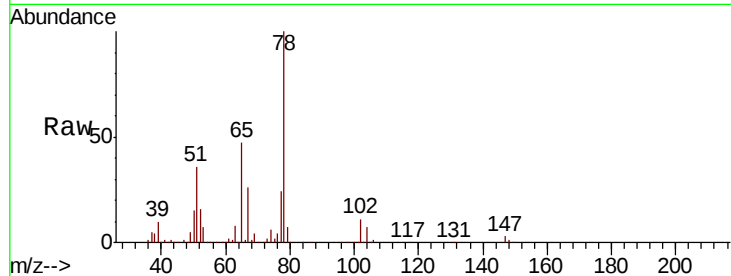




#33
 1,2-Dichloroethane-d4
 Concen: 48.294 ug/l
 RT: 8.17 min Scan# 1056
 Delta R.T. 0.02 min
 Lab File: VY001290.D
 Acq: 20 Jan 2020 12:26

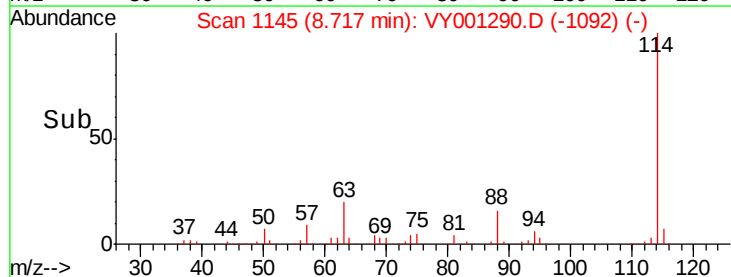
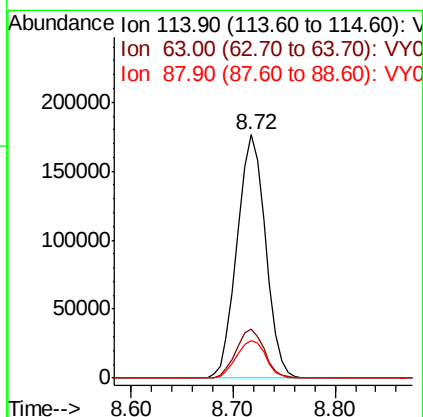
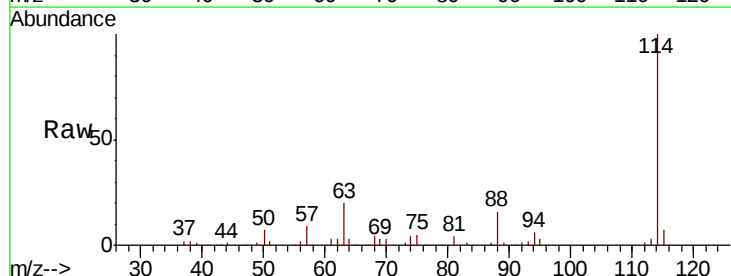
Instrument :
 MSVOA_Y
 ClientSampleId :

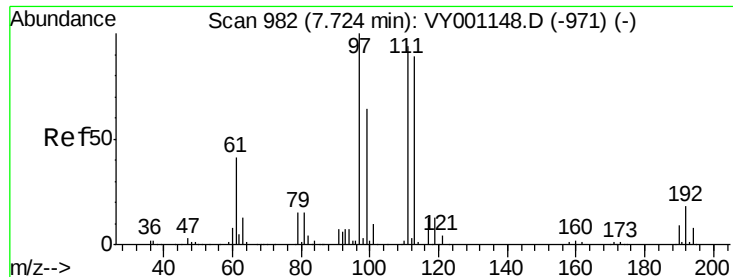
Tot Ion: 65 Resp: 102109
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.02 min
 Lab File: VY001290.D
 Acq: 20 Jan 2020 12:26

Tgt Ion: 114 Resp: 342013
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.8
 88 15.6 0.0 32.4

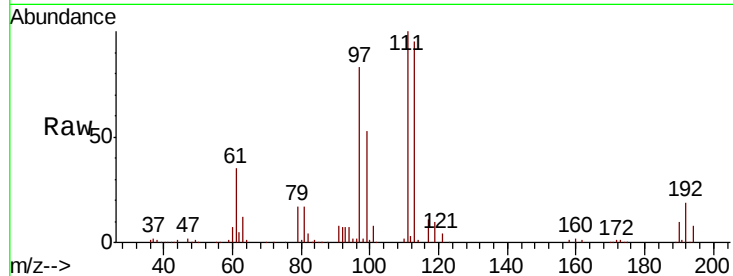




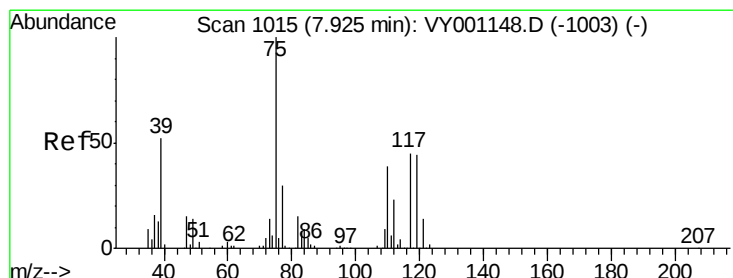
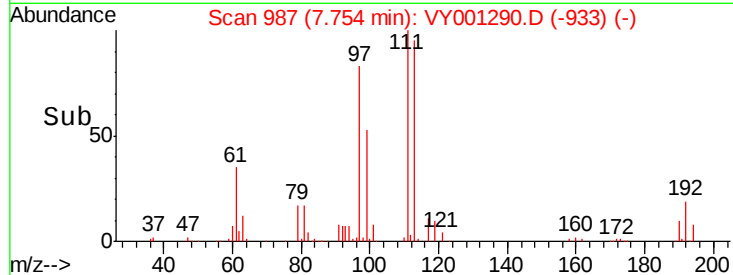
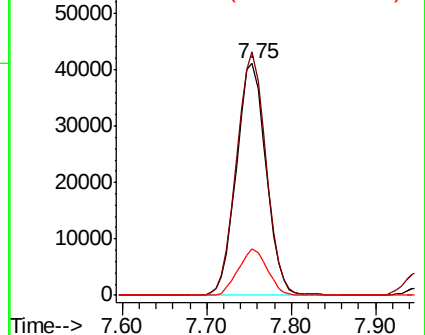
#35
 Dibromofluoromethane
 Concen: 48.881 ug/l
 RT: 7.75 min Scan# 987
 Delta R.T. 0.03 min
 Lab File: VY001290.D
 Acq: 20 Jan 2020 12:26

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion:113 Resp: 97884
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.9 124.3
 192 19.5 15.4 23.2

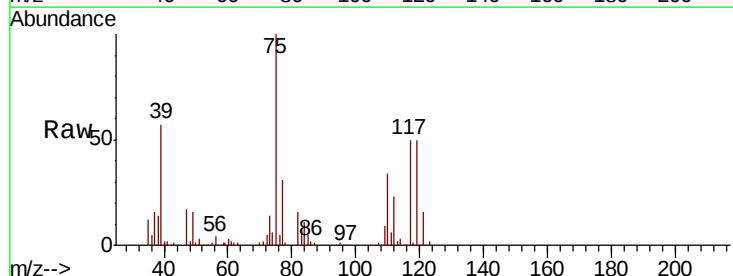


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

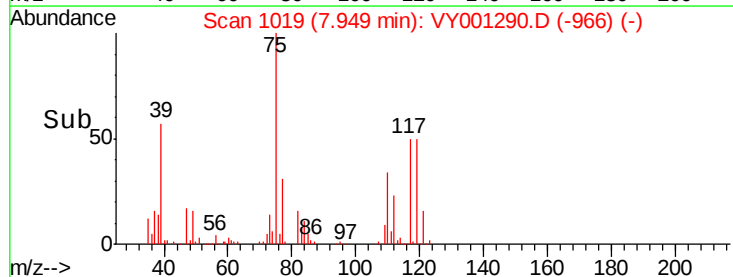
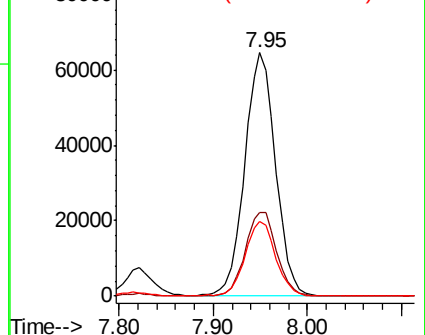


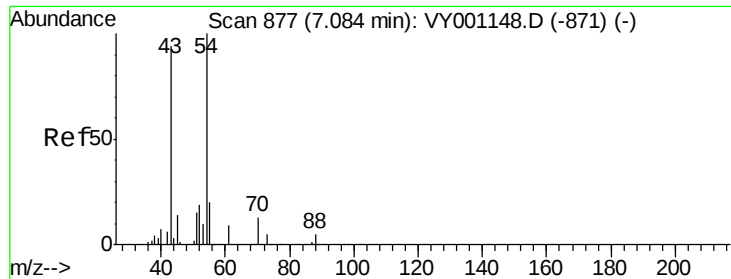
#36
 1,1-Dichloropropene
 Concen: 47.532 ug/l
 RT: 7.95 min Scan# 1019
 Delta R.T. 0.02 min
 Lab File: VY001290.D
 Acq: 20 Jan 2020 12:26

Tgt Ion: 75 Resp: 148167
 Ion Ratio Lower Upper
 75 100
 110 35.0 18.3 54.8
 77 30.7 25.1 37.7



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

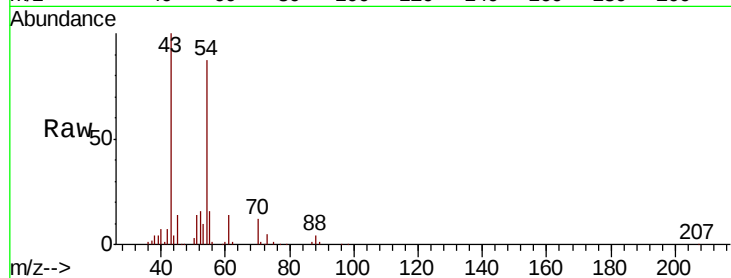




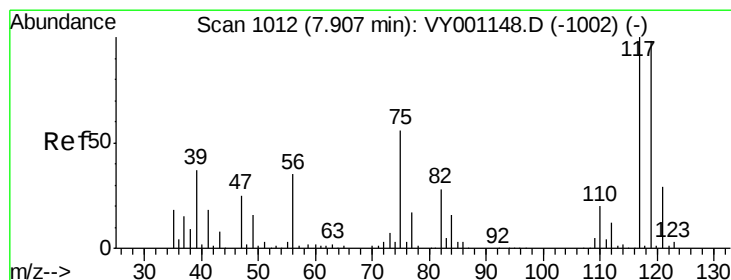
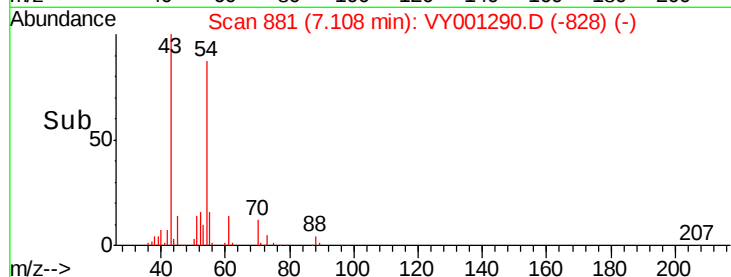
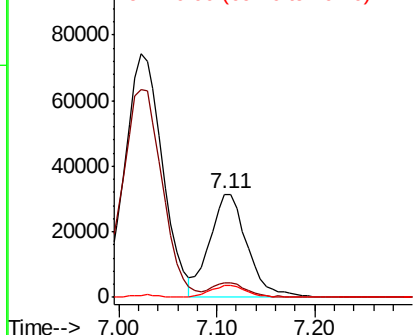
#37
Ethyl Acetate
Concen: 45.462 ug/l
RT: 7.11 min Scan# 881
Delta R.T. 0.02 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 83169
Ion Ratio Lower Upper
43 100
61 13.7 11.1 16.7
70 11.6 9.7 14.5

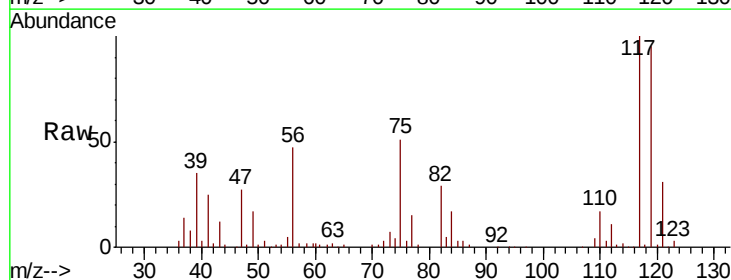


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

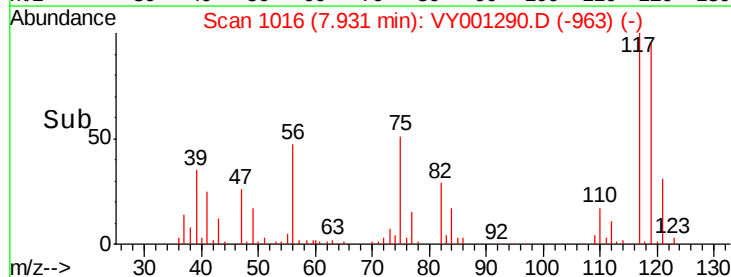
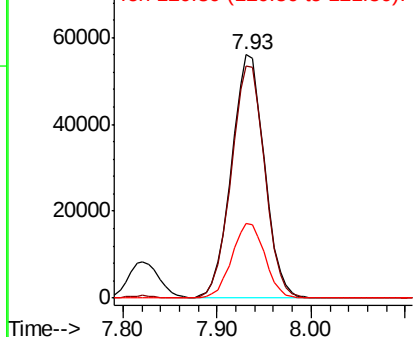


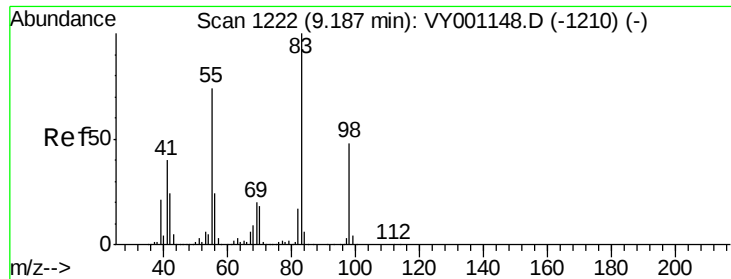
#38
Carbon Tetrachloride
Concen: 47.890 ug/l
RT: 7.93 min Scan# 1016
Delta R.T. 0.02 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Tgt Ion: 117 Resp: 136813
Ion Ratio Lower Upper
117 100
119 95.4 78.3 117.5
121 30.6 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

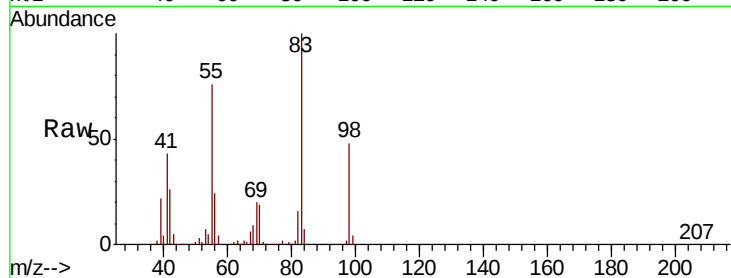




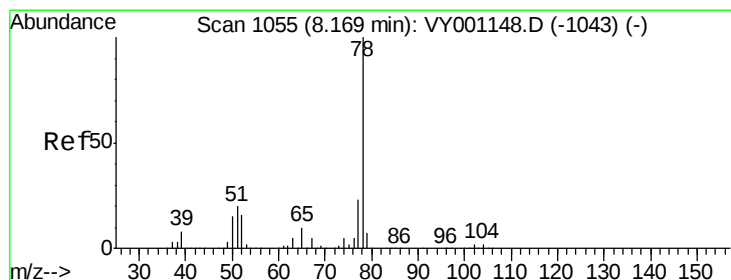
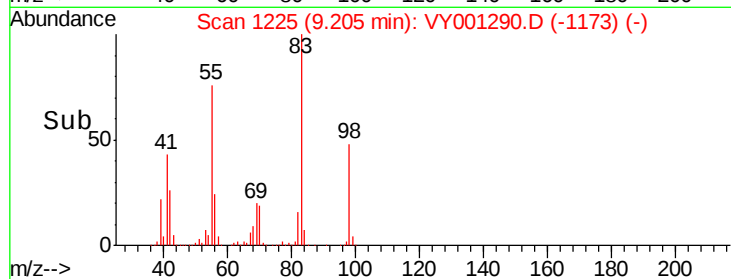
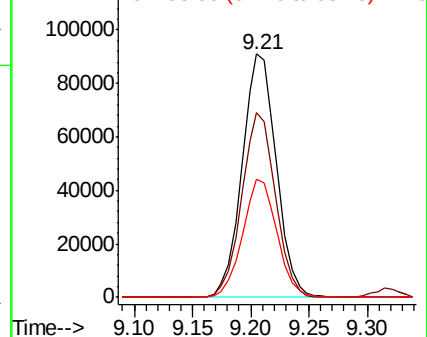
#39
Methvlcvclohexane
Concen: 44.038 ug/l
RT: 9.21 min Scan# 1225
Delta R.T. 0.02 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 83 Resp: 186109
Ion Ratio Lower Upper
83 100
55 75.8 58.9 88.3
98 48.3 38.4 57.6

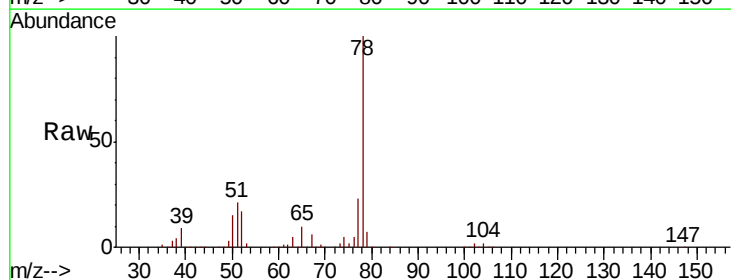


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

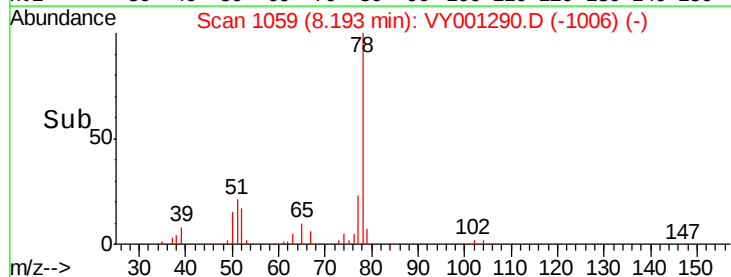
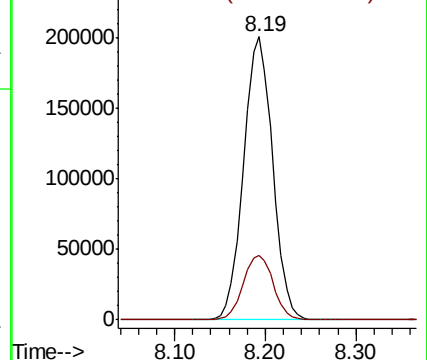


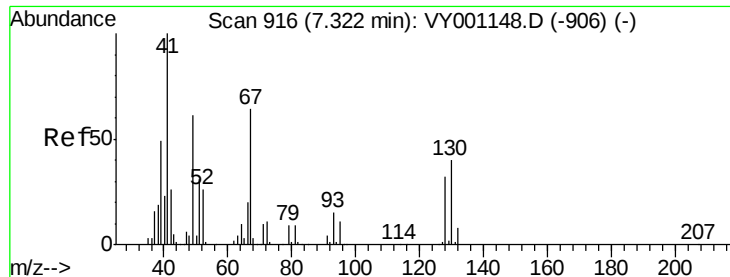
#40
Benzene
Concen: 48.935 ug/l
RT: 8.19 min Scan# 1059
Delta R.T. 0.02 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Tgt Ion: 78 Resp: 445278
Ion Ratio Lower Upper
78 100
77 22.9 18.8 28.2



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





#41

Methacrylonitrile

Concen: 131.897 ug/l

RT: 7.37 min Scan# 924

Delta R.T. 0.05 min

Lab File: VY001290.D

Acq: 20 Jan 2020 12:26

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 41 Resp: 113346

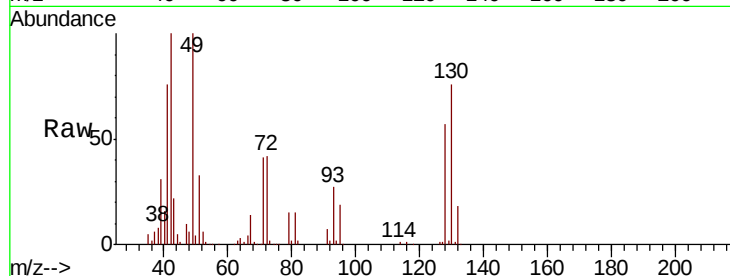
Ion Ratio Lower Upper

41 100

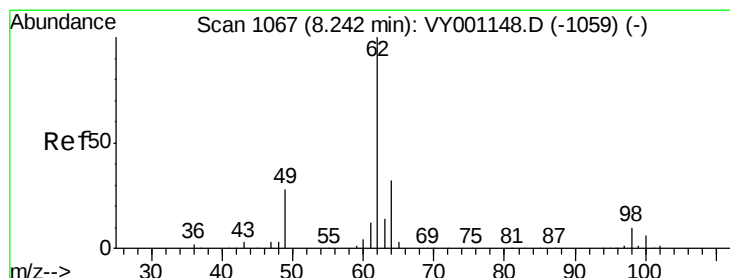
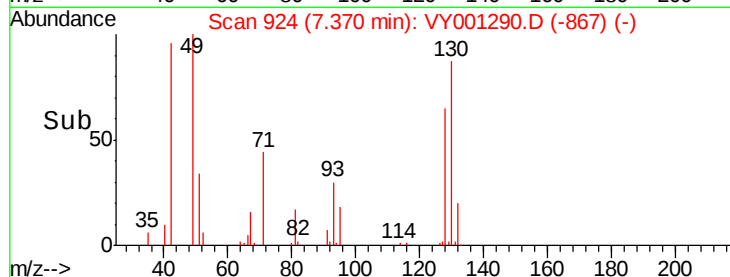
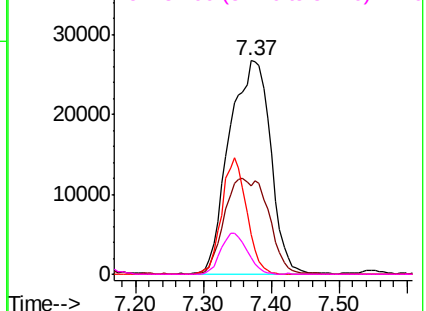
39 47.4 103.5 155.3#

67 0.0 0.0 0.0

52 0.0 0.0 0.0



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



#42

1,2-Dichloroethane

Concen: 48.503 ug/l

RT: 8.27 min Scan# 1071

Delta R.T. 0.02 min

Lab File: VY001290.D

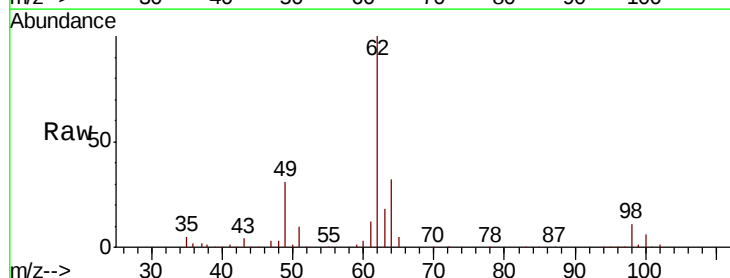
Acq: 20 Jan 2020 12:26

Tgt Ion: 62 Resp: 123582

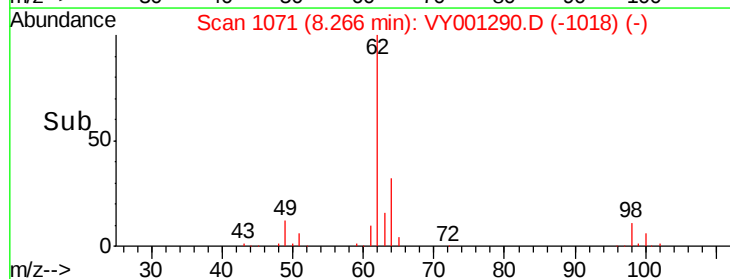
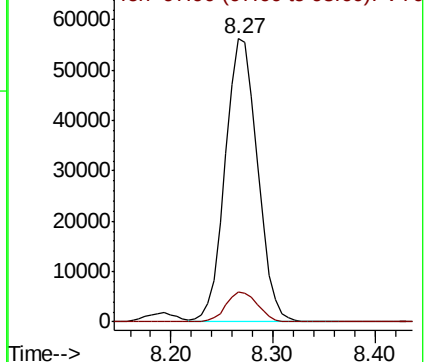
Ion Ratio Lower Upper

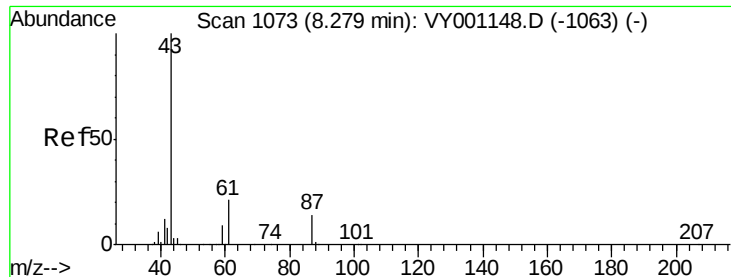
62 100

98 10.4 0.0 20.4



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





#43

Isopropyl Acetate

Concen: 47.911 ug/l

RT: 8.30 min Scan# 1077

Delta R.T. 0.02 min

Lab File: VY001290.D

Acq: 20 Jan 2020 12:26

Instrument :

MSVOA_Y

ClientSampleId :

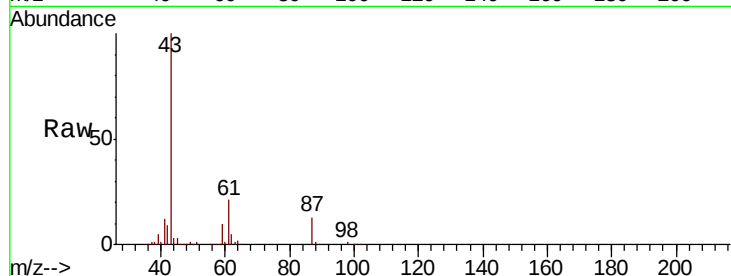
Tot Ion: 43 Resp: 167606

Ion Ratio Lower Upper

43 100

61 29.2 23.9 35.9

87 13.4 11.4 17.2

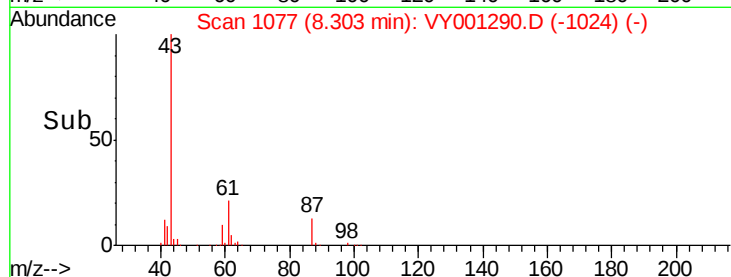


Abundance Ion 43.00 (42.70 to 43.70): VY001148.D (-1063) (-)

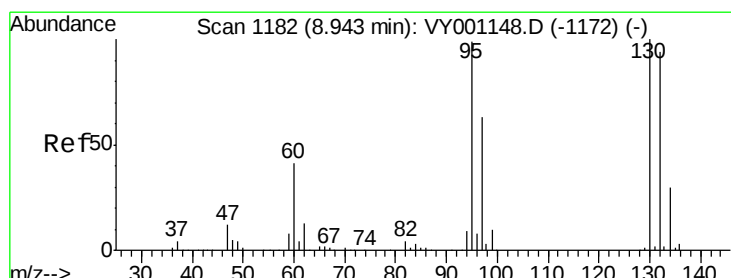
Ion 61.00 (60.70 to 61.70): VY001148.D (-1063) (-)

Ion 87.00 (86.70 to 87.70): VY001148.D (-1063) (-)

8.30



Time-->



#44

Trichloroethene

Concen: 48.782 ug/l

RT: 8.97 min Scan# 1186

Delta R.T. 0.02 min

Lab File: VY001290.D

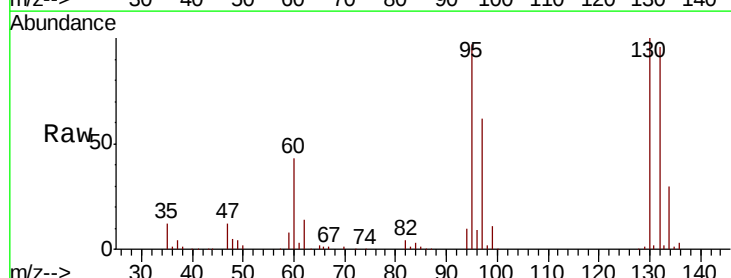
Acq: 20 Jan 2020 12:26

Tgt Ion:130 Resp: 115664

Ion Ratio Lower Upper

130 100

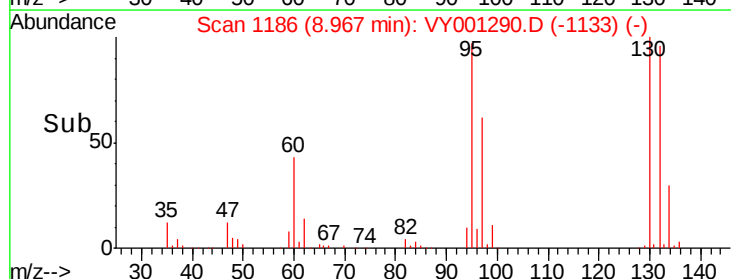
95 96.9 0.0 197.6



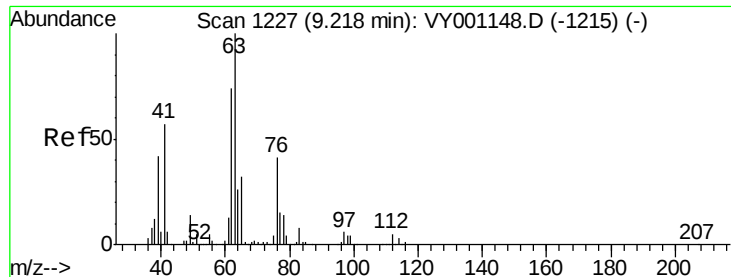
Abundance Ion 129.80 (129.50 to 130.50): VY001148.D (-1172) (-)

Ion 94.90 (94.60 to 95.60): VY001148.D (-1172) (-)

8.97



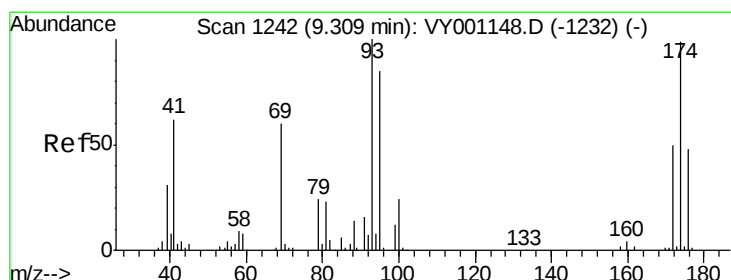
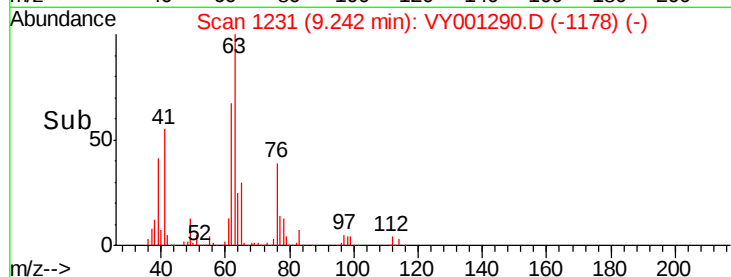
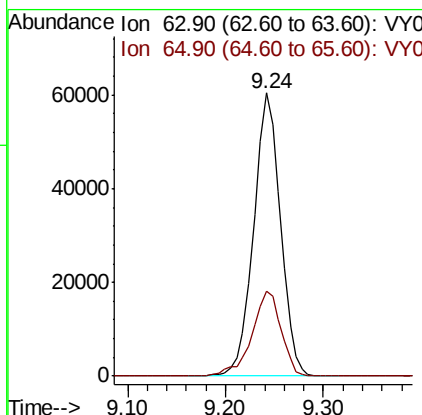
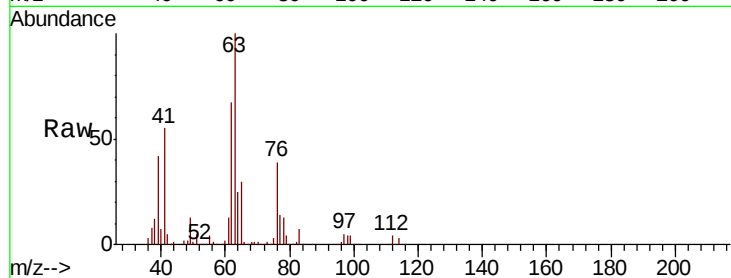
Time-->



#45
 1,2-Dichloropropane
 Concen: 51.027 ug/l
 RT: 9.24 min Scan# 1231
 Delta R.T. 0.02 min
 Lab File: VY001290.D
 Acq: 20 Jan 2020 12:26

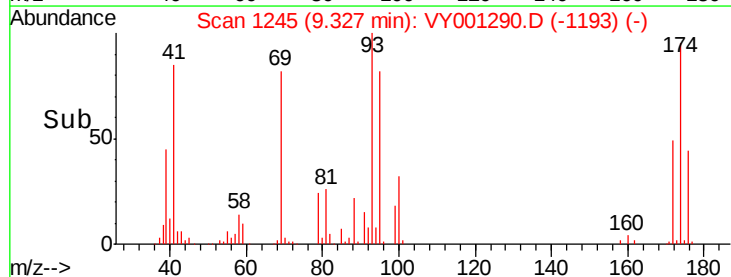
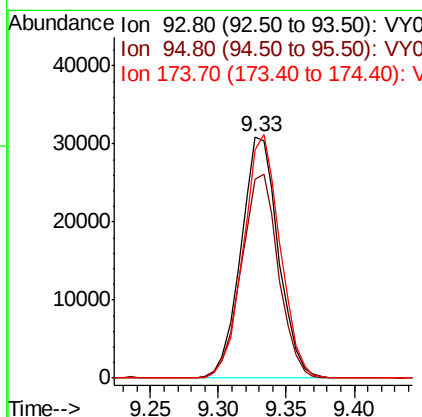
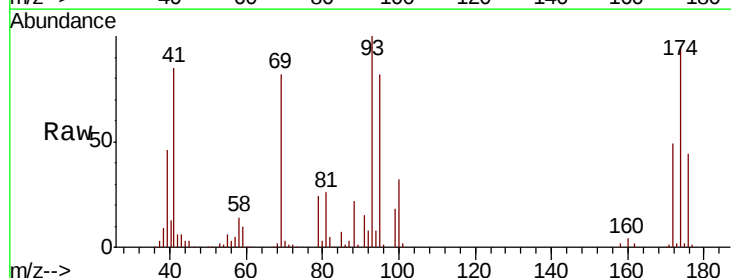
Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 63 Resp: 114787
 Ion Ratio Lower Upper
 63 100
 65 29.9 25.8 38.8



#46
 Dibromomethane
 Concen: 48.344 ug/l
 RT: 9.33 min Scan# 1245
 Delta R.T. 0.02 min
 Lab File: VY001290.D
 Acq: 20 Jan 2020 12:26

Tgt Ion: 93 Resp: 59337
 Ion Ratio Lower Upper
 93 100
 95 84.1 66.8 100.2
 174 98.9 78.4 117.6





#47

Bromodichloromethane

Concen: 50.220 ug/l

RT: 9.52 min Scan# 1277

Delta R.T. 0.02 min

Lab File: VY001290.D

Acq: 20 Jan 2020 12:26

Instrument :

MSVOA_Y

ClientSampled :

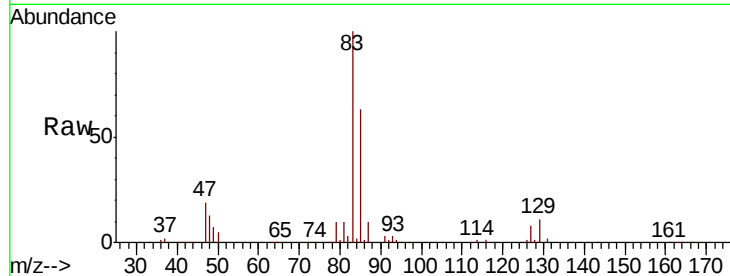
Tot Ion: 83 Resp: 150222

Ion Ratio Lower Upper

83 100

85 62.9 51.5 77.3

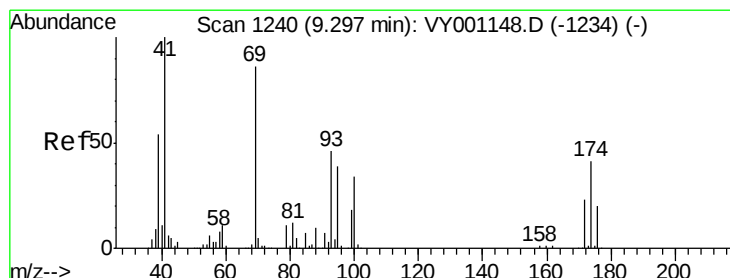
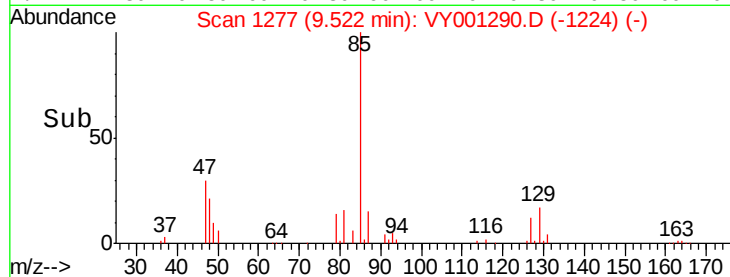
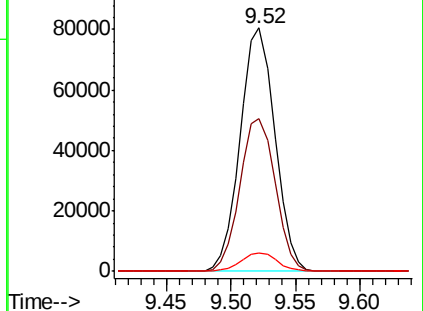
127 7.7 6.3 9.5



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: 46.684 ug/l

RT: 9.31 min Scan# 1243

Delta R.T. 0.02 min

Lab File: VY001290.D

Acq: 20 Jan 2020 12:26

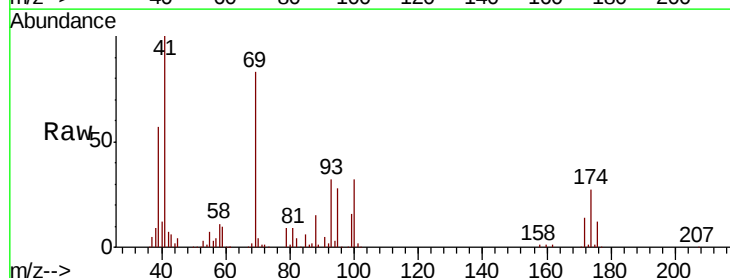
Tgt Ion: 41 Resp: 75573

Ion Ratio Lower Upper

41 100

69 88.1 69.8 104.8

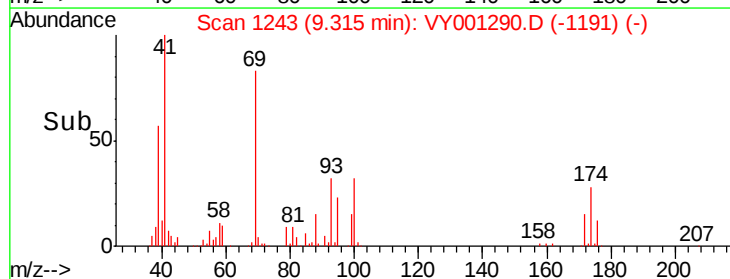
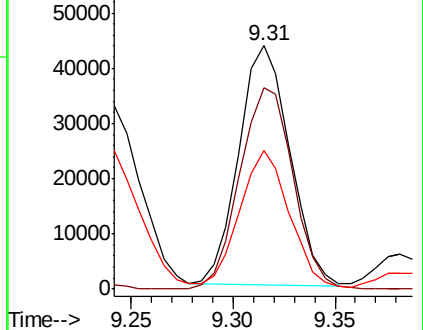
39 57.0 45.2 67.8

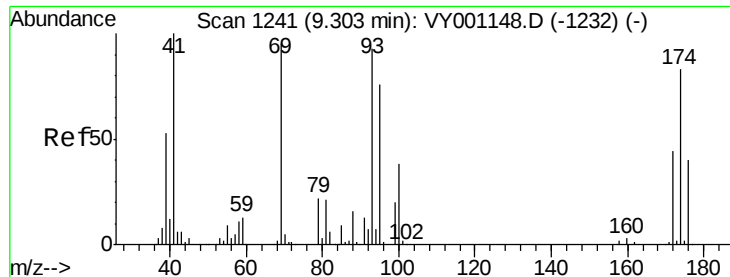


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

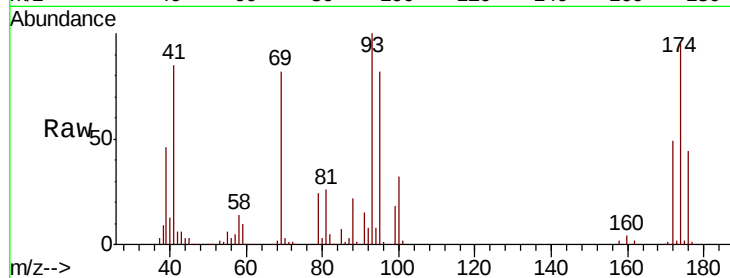




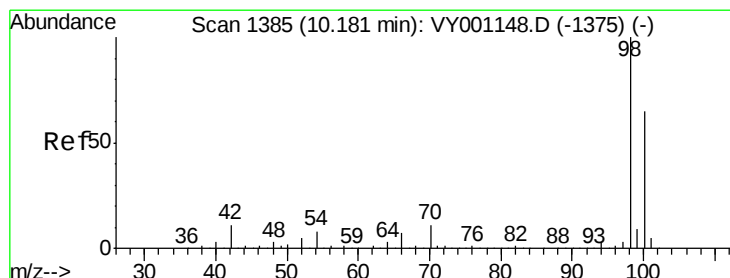
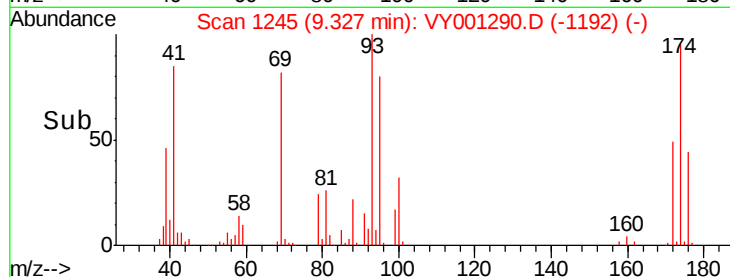
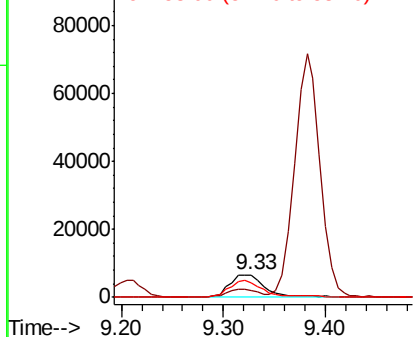
#49
1,4-Dioxane
Concen: 1074.626 ug/l
RT: 9.33 min Scan# 1245
Delta R.T. 0.02 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 88 Resp: 16063
Ion Ratio Lower Upper
88 100
43 31.5 22.4 33.6
58 70.5 58.0 87.0

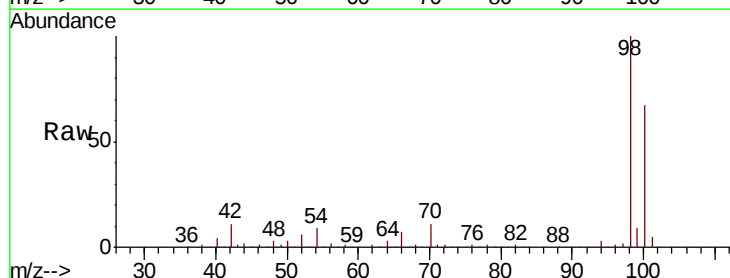


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

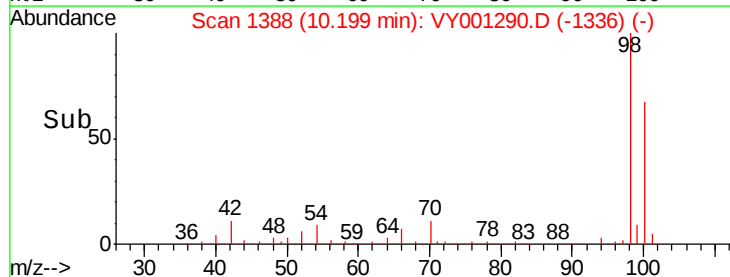
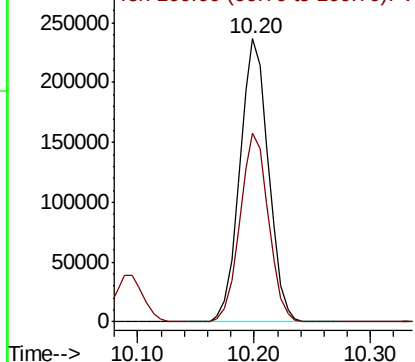


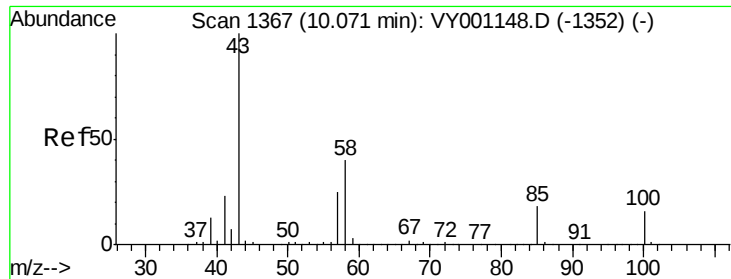
#50
Toluene-d8
Concen: 52.292 ug/l
RT: 10.20 min Scan# 1388
Delta R.T. 0.02 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Tgt Ion: 98 Resp: 403478
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7



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

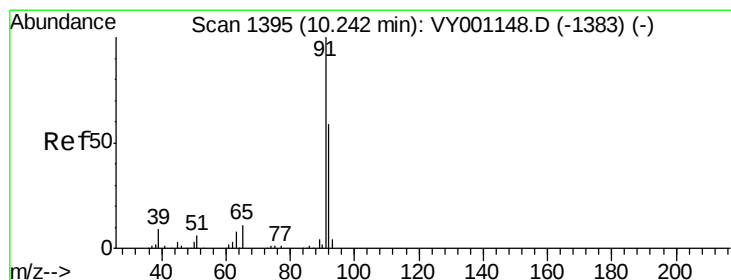
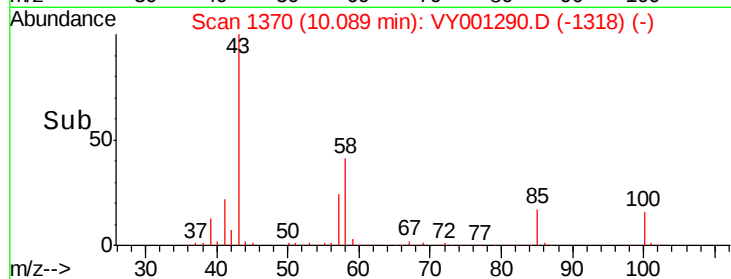
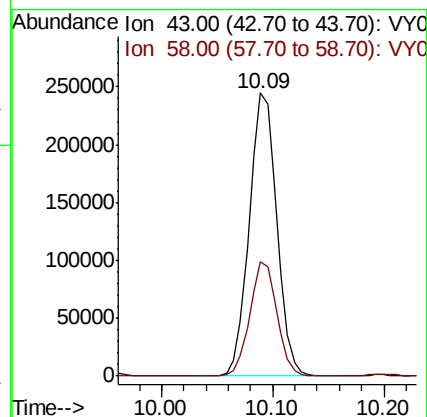
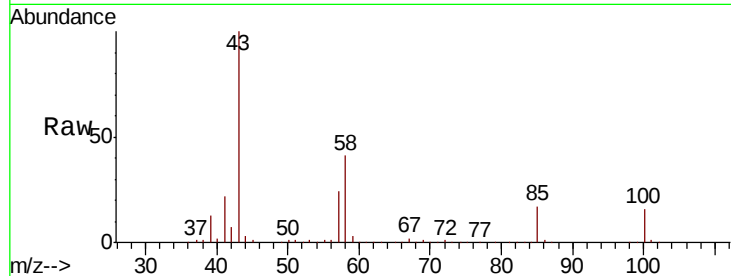




#51
4-Methyl-2-Pentanone
Concen: 237.156 ug/l
RT: 10.09 min Scan# 1370
Delta R.T. 0.02 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

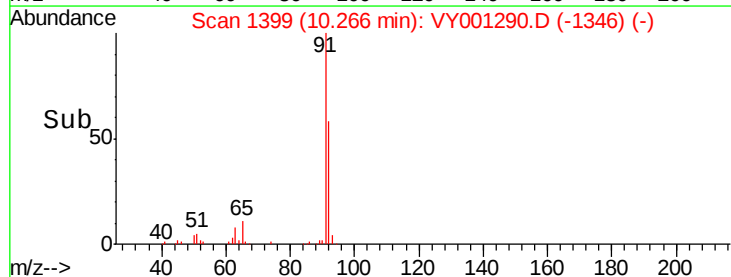
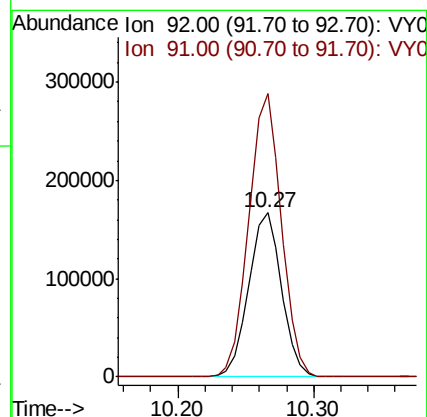
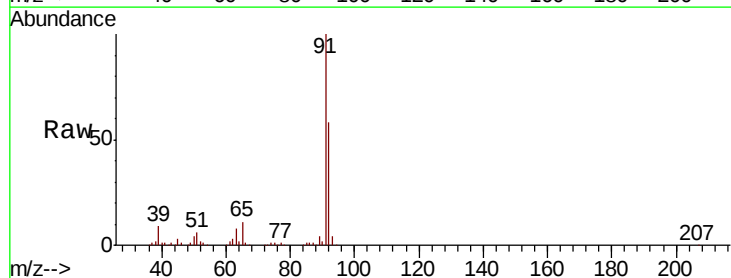
Instrument :
MSVOA_Y
ClientSampled :

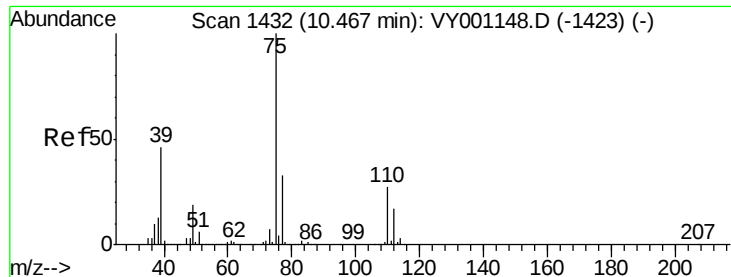
Tot Ion: 43 Resp: 420961
Ion Ratio Lower Upper
43 100
58 39.8 32.3 48.5



#52
Toluene
Concen: 48.576 ug/l
RT: 10.27 min Scan# 1399
Delta R.T. 0.02 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Tgt Ion: 92 Resp: 281921
Ion Ratio Lower Upper
92 100
91 172.0 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 48.890 ug/l

RT: 10.49 min Scan# 1435

Delta R.T. 0.02 min

Lab File: VY001290.D

Acq: 20 Jan 2020 12:26

Instrument :

MSVOA_Y

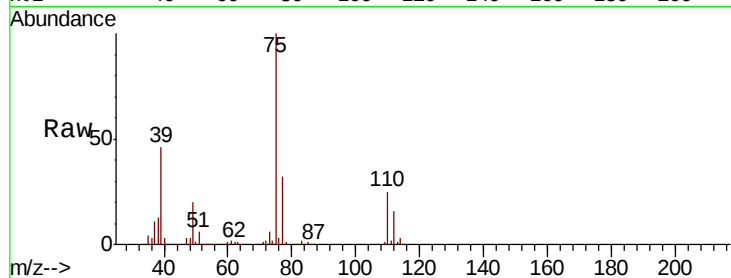
ClientSampleId :

Tot Ion: 75 Resp: 163648

Ion Ratio Lower Upper

75 100

77 31.7 26.2 39.2



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

120000

100000

80000

60000

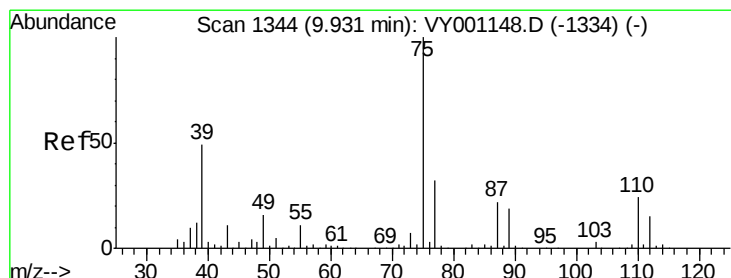
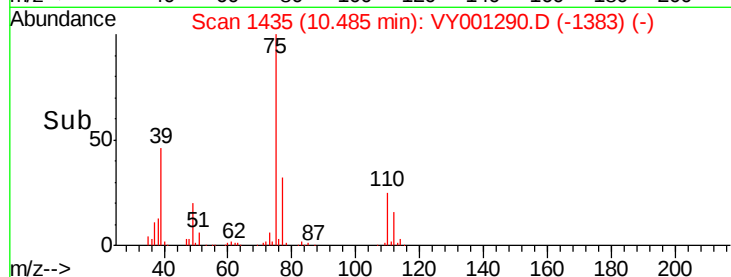
40000

20000

0

10.40 10.50

Time-->



#54

cis-1,3-Dichloropropene

Concen: 50.250 ug/l

RT: 9.95 min Scan# 1347

Delta R.T. 0.02 min

Lab File: VY001290.D

Acq: 20 Jan 2020 12:26

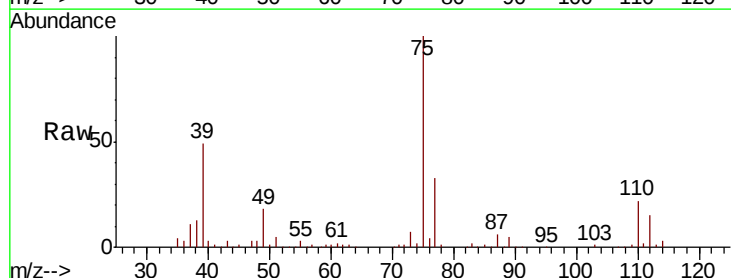
Tgt Ion: 75 Resp: 189637

Ion Ratio Lower Upper

75 100

77 33.3 25.3 37.9

39 48.8 39.1 58.7



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

150000

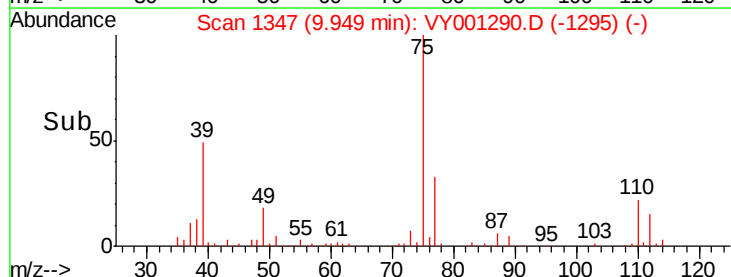
100000

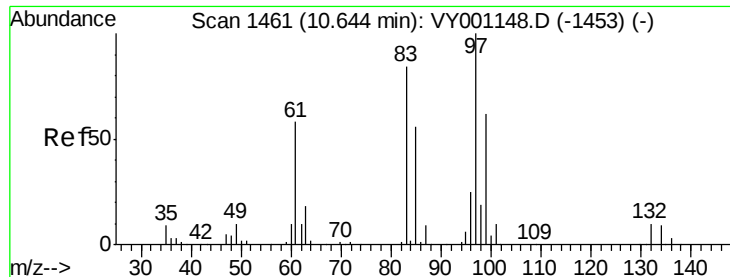
50000

0

9.90 9.95 10.00

Time-->

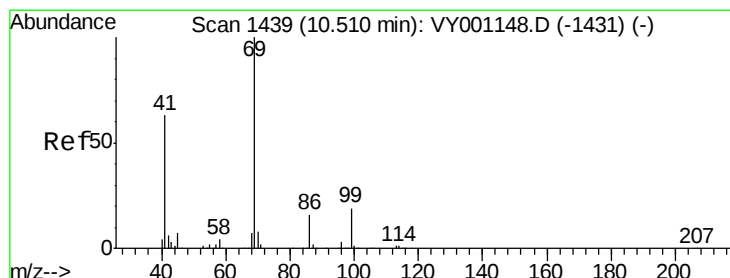
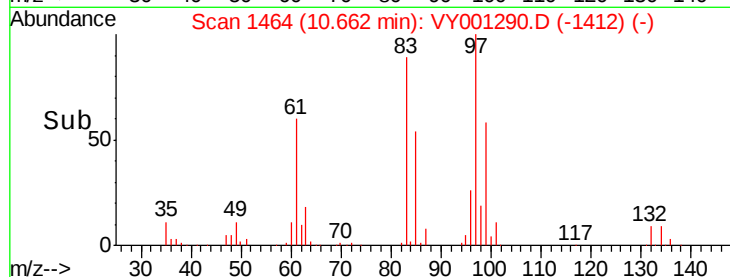
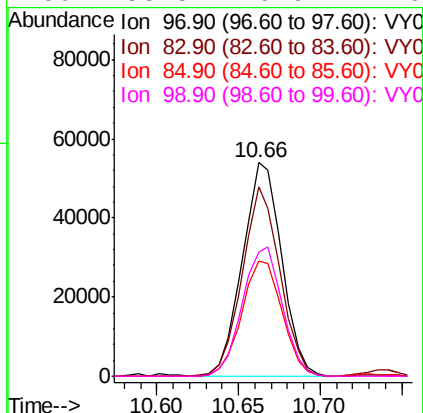
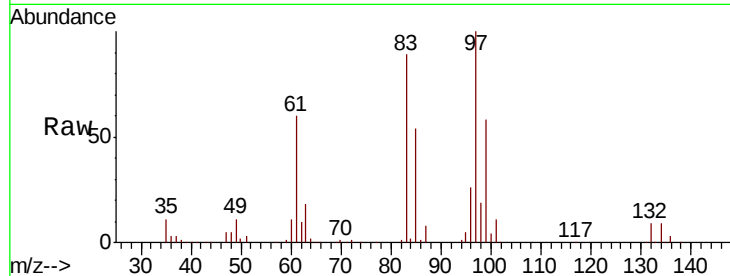




#55
 1,1,2-Trichloroethane
 Concen: 49.494 ug/l
 RT: 10.66 min Scan# 1464
 Delta R.T. 0.02 min
 Lab File: VY001290.D
 Acq: 20 Jan 2020 12:26

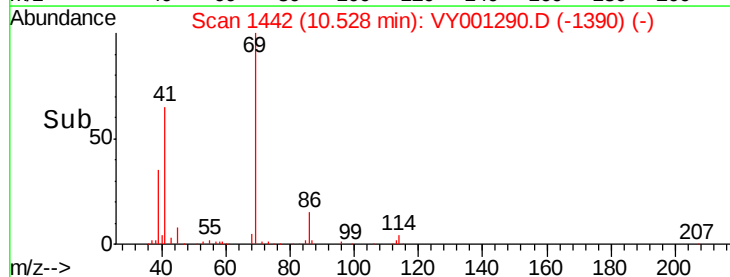
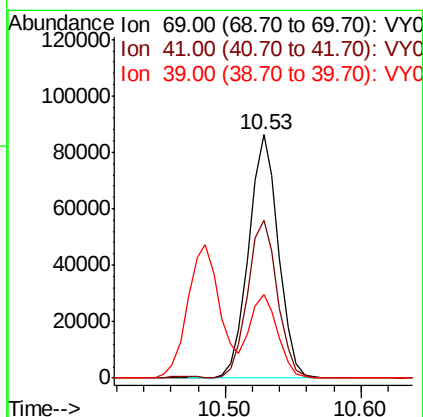
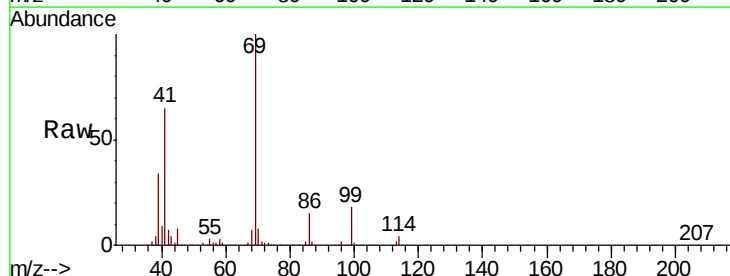
Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 97 Resp: 90060
 Ion Ratio Lower Upper
 97 100
 83 88.8 67.2 100.8
 85 54.0 44.9 67.3
 99 58.5 49.9 74.9



#56
 Ethyl methacrylate
 Concen: 47.309 ug/l
 RT: 10.53 min Scan# 1442
 Delta R.T. 0.02 min
 Lab File: VY001290.D
 Acq: 20 Jan 2020 12:26

Tgt Ion: 69 Resp: 131682
 Ion Ratio Lower Upper
 69 100
 41 65.0 51.4 77.2
 39 32.5 26.3 39.5





#57

1,3-Dichloropropane

Concen: 49.892 ug/l

RT: 10.81 min Scan# 1488

Delta R.T. 0.02 min

Lab File: VY001290.D

Acq: 20 Jan 2020 12:26

Instrument :

MSVOA_Y

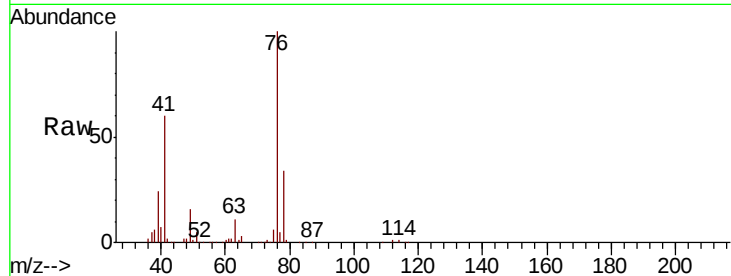
ClientSampleId :

Tot Ion: 76 Resp: 155852

Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.81

80000

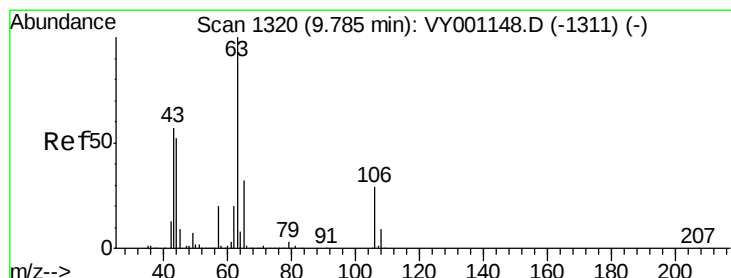
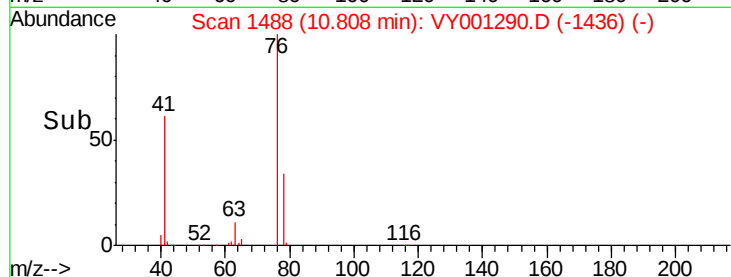
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 226.071 ug/l

RT: 9.80 min Scan# 1323

Delta R.T. 0.02 min

Lab File: VY001290.D

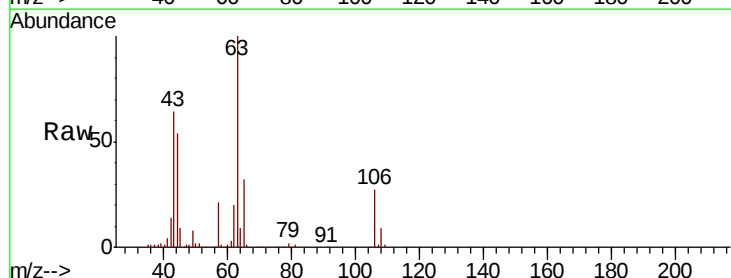
Acq: 20 Jan 2020 12:26

Tgt Ion: 63 Resp: 221314

Ion Ratio Lower Upper

63 100

106 27.9 23.0 34.6



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.80

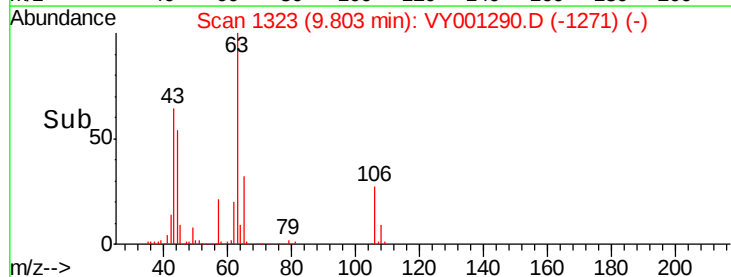
150000

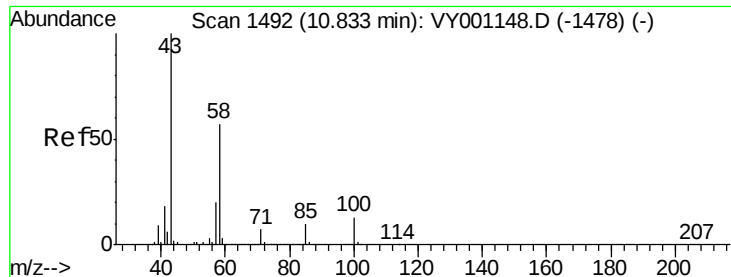
100000

50000

0

Time-->





#59

2-Hexanone

Concen: 242.595 ug/l

RT: 10.85 min Scan# 1495

Delta R.T. 0.02 min

Lab File: VY001290.D

Acq: 20 Jan 2020 12:26

Instrument :

MSVOA_Y

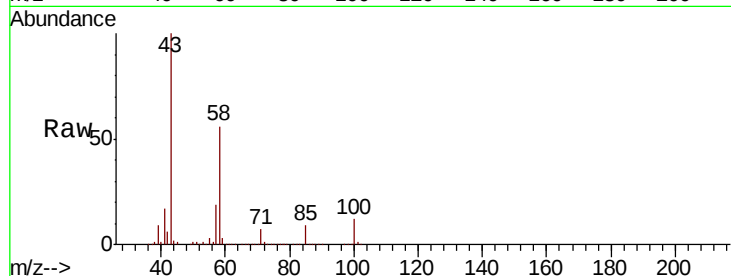
ClientSampleId :

Tot Ion: 43 Resp: 301790

Ion Ratio Lower Upper

43 100

58 55.4 28.4 85.2



Abundance Ion 43.00 (42.70 to 43.70): VY001148.D (-1478) (-)

Ion 58.00 (57.70 to 58.70): VY001148.D (-1478) (-)

10.85

200000

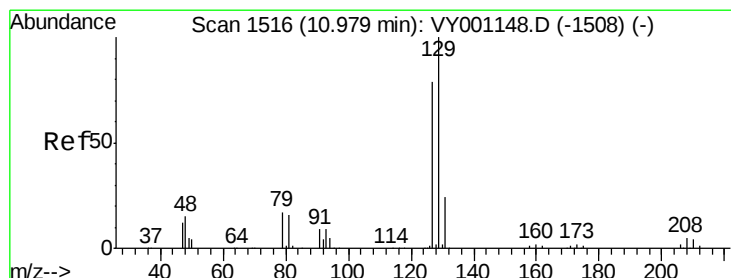
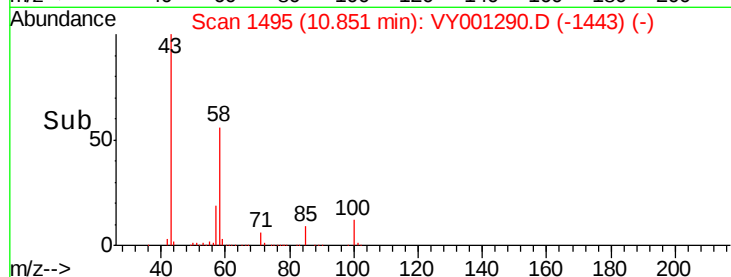
150000

100000

50000

0

Time-->



#60

Dibromochloromethane

Concen: 49.291 ug/l

RT: 11.00 min Scan# 1520

Delta R.T. 0.02 min

Lab File: VY001290.D

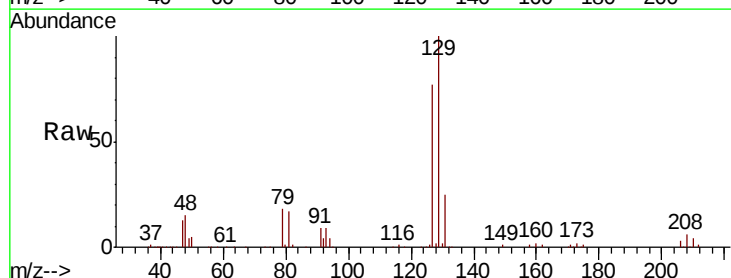
Acq: 20 Jan 2020 12:26

Tgt Ion: 129 Resp: 103266

Ion Ratio Lower Upper

129 100

127 76.9 38.9 116.7



Abundance Ion 128.80 (128.50 to 129.50): VY001148.D (-1508) (-)

Ion 126.80 (126.50 to 127.50): VY001148.D (-1508) (-)

11.00

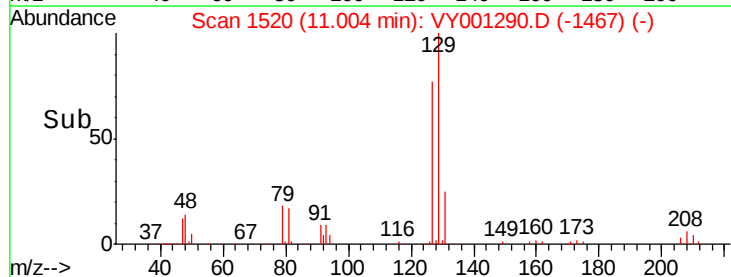
60000

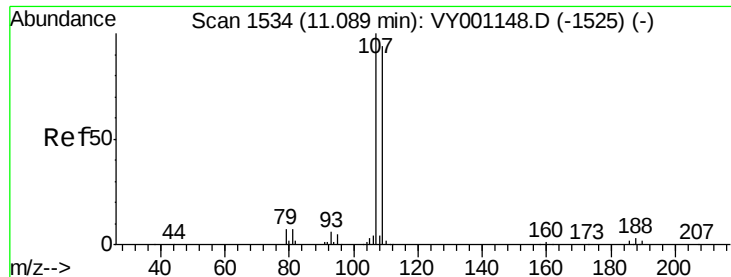
40000

20000

0

Time-->

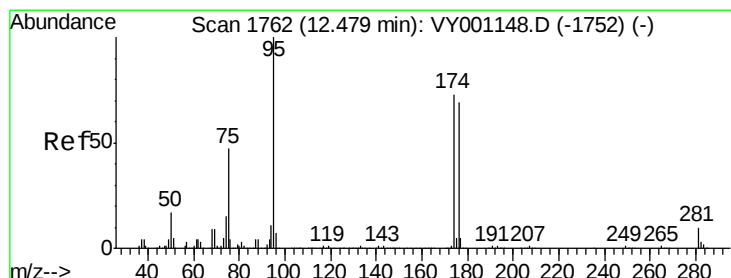
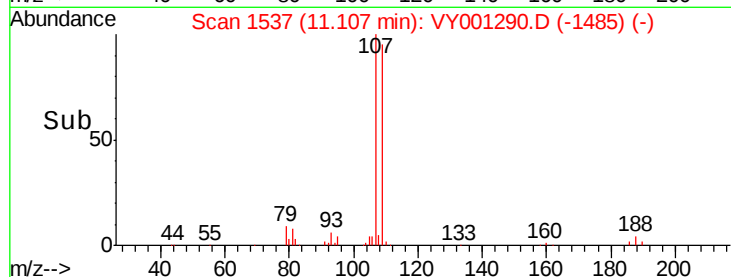
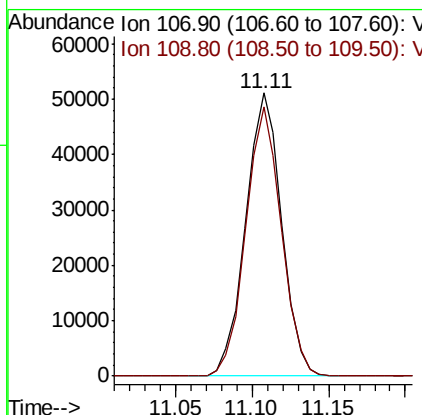
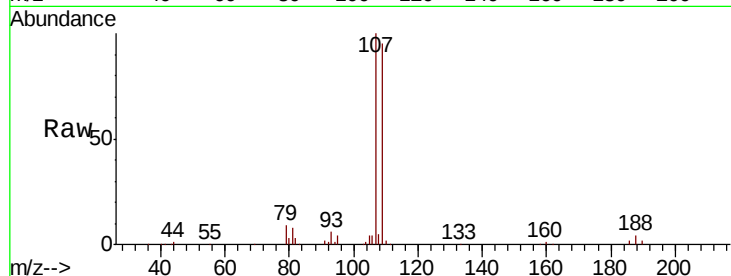




#61
 1,2-Dibromoethane
 Concen: 46.888 ug/l
 RT: 11.11 min Scan# 1537
 Delta R.T. 0.02 min
 Lab File: VY001290.D
 Acq: 20 Jan 2020 12:26

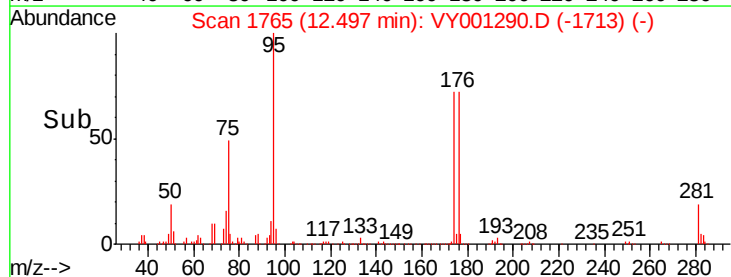
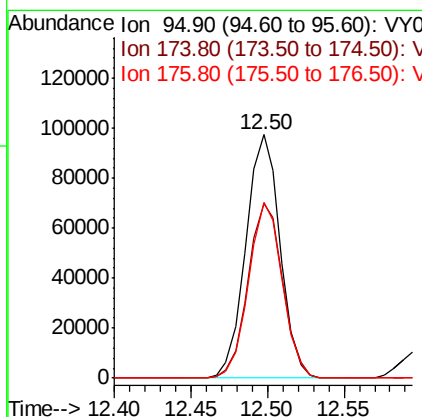
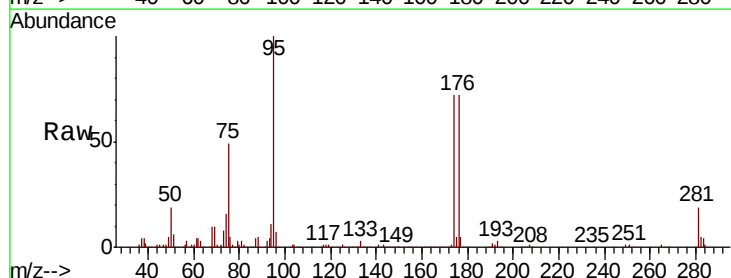
Instrument :
 MSVOA_Y
 ClientSampleId :

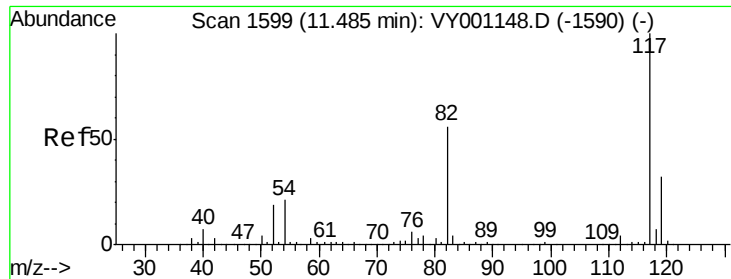
Tot Ion: 107 Resp: 83307
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 47.912 ug/l
 RT: 12.50 min Scan# 1765
 Delta R.T. 0.02 min
 Lab File: VY001290.D
 Acq: 20 Jan 2020 12:26

Tgt Ion: 95 Resp: 151138
 Ion Ratio Lower Upper
 95 100
 174 72.9 0.0 143.2
 176 71.2 0.0 136.0

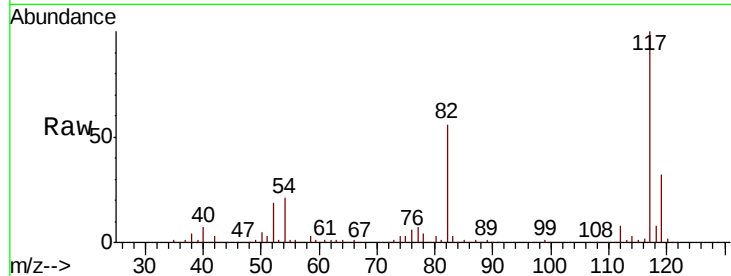




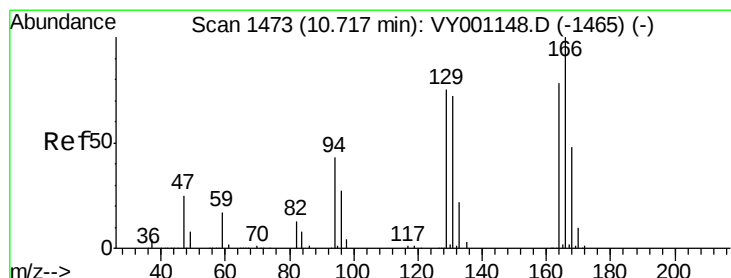
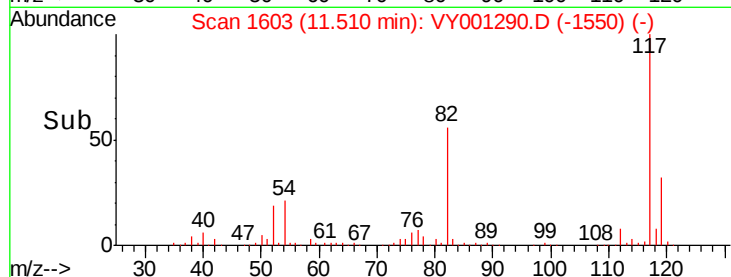
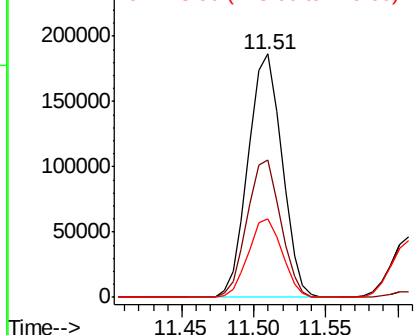
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.02 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 304095
Ion Ratio Lower Upper
117 100
82 56.4 44.9 67.3
119 32.3 25.7 38.5

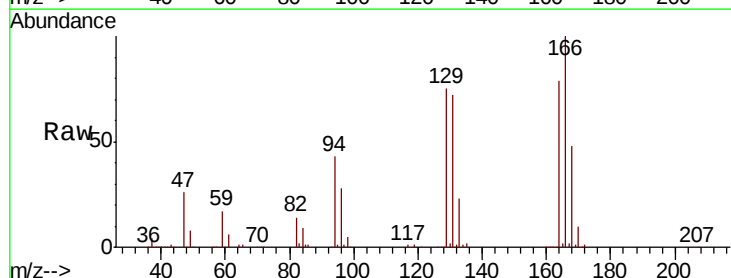


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

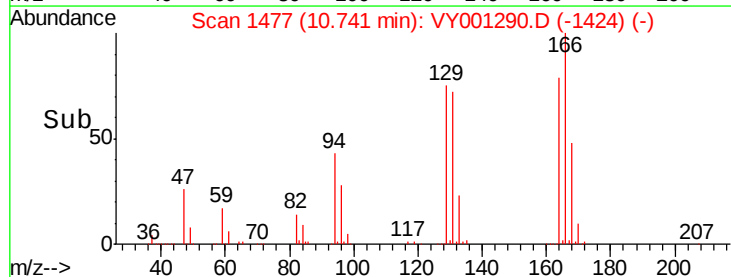
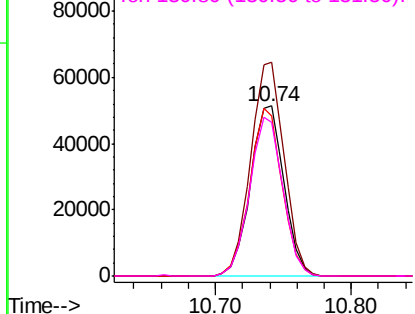


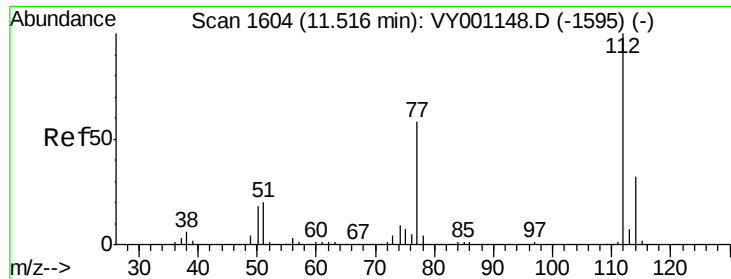
#64
Tetrachloroethene
Concen: 45.229 ug/l
RT: 10.74 min Scan# 1477
Delta R.T. 0.02 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Tgt Ion:164 Resp: 88662
Ion Ratio Lower Upper
164 100
166 125.8 102.3 153.5
129 94.6 76.2 114.4
131 90.5 73.9 110.9



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

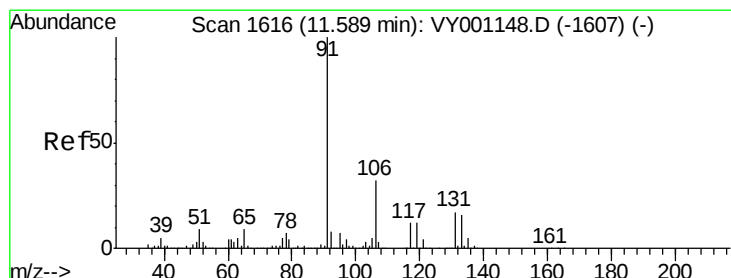
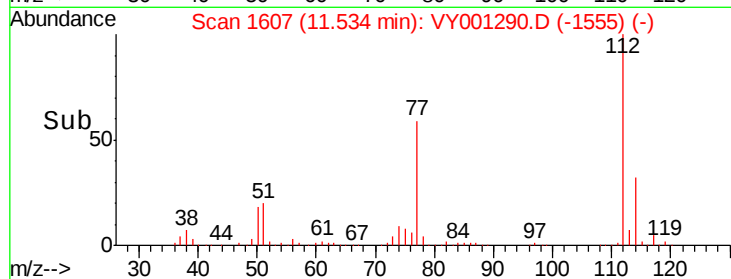
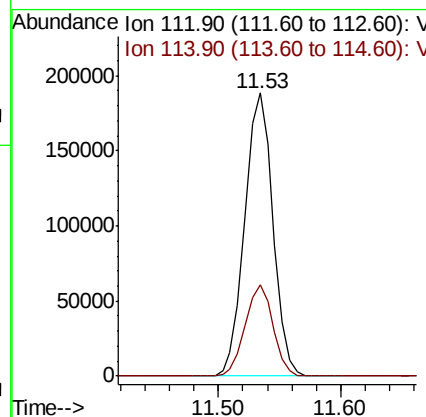
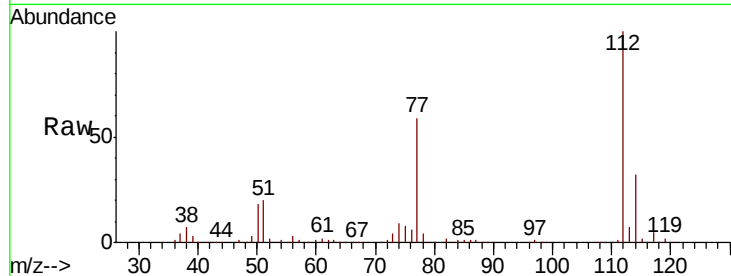




#65
Chlorobenzene
Concen: 49.494 ug/l
RT: 11.53 min Scan# 1607
Delta R.T. 0.02 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

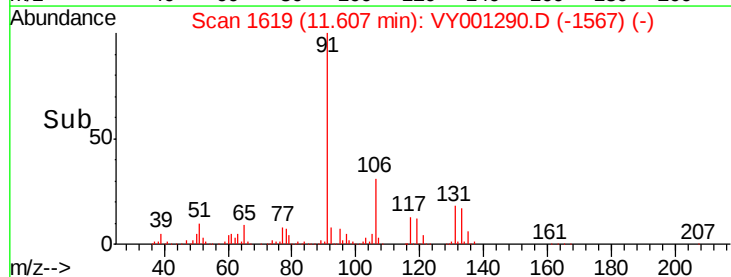
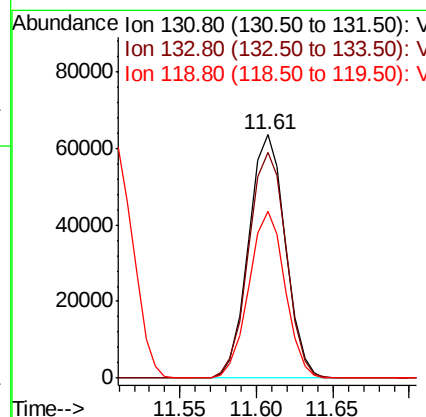
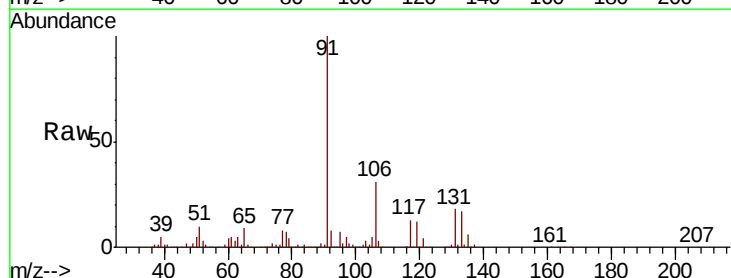
Instrument :
MSVOA_Y
ClientSampleId :

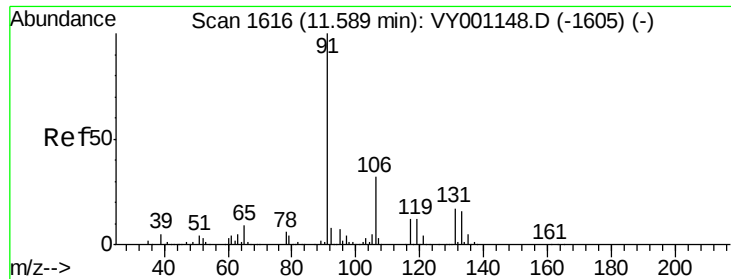
Tot Ion:112 Resp: 300740
Ion Ratio Lower Upper
112 100
114 32.1 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 50.781 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.02 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Tgt Ion:131 Resp: 106347
Ion Ratio Lower Upper
131 100
133 94.8 47.3 142.0
119 67.2 33.6 100.8

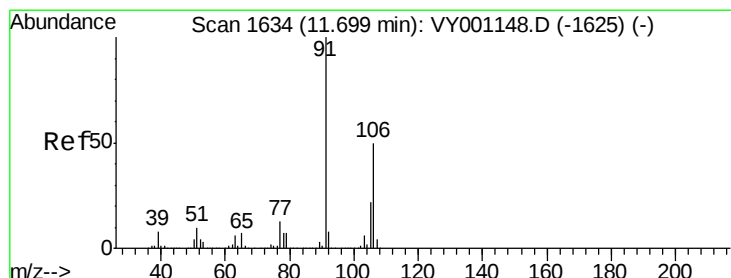
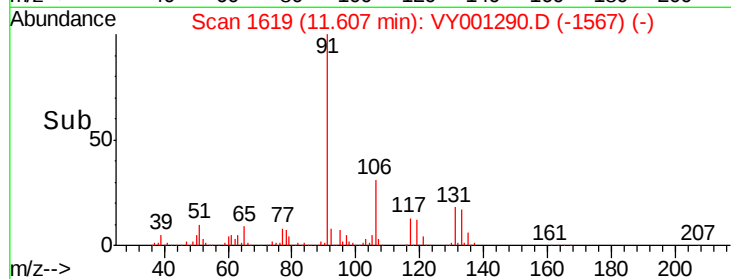
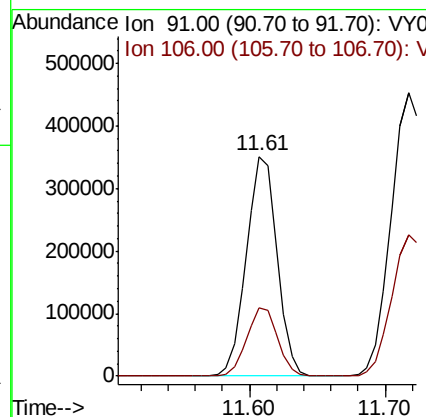
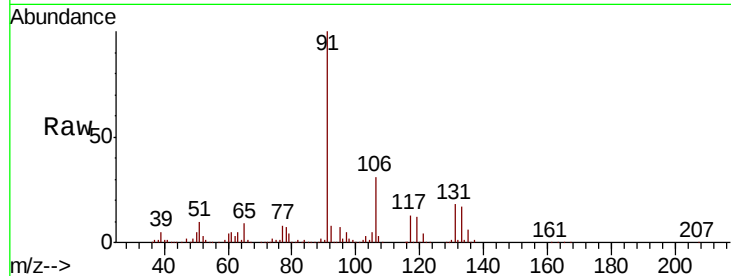




#67
Ethyl Benzene
Concen: 49.914 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.02 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

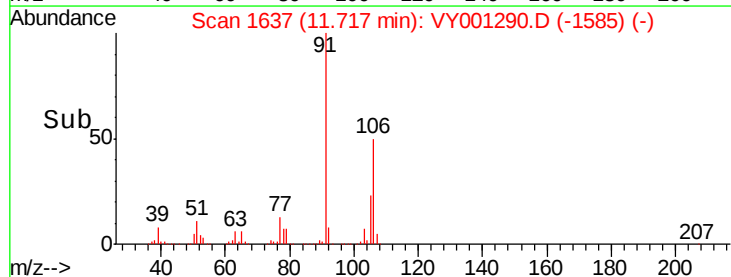
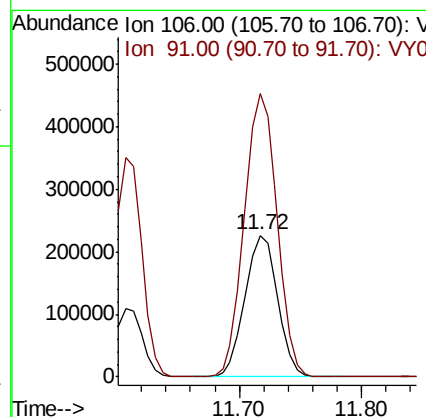
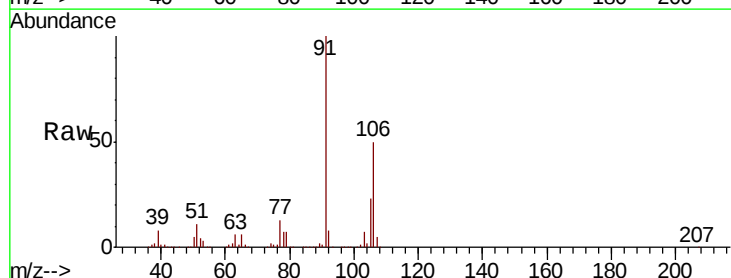
Instrument :
MSVOA_Y
ClientSampled :

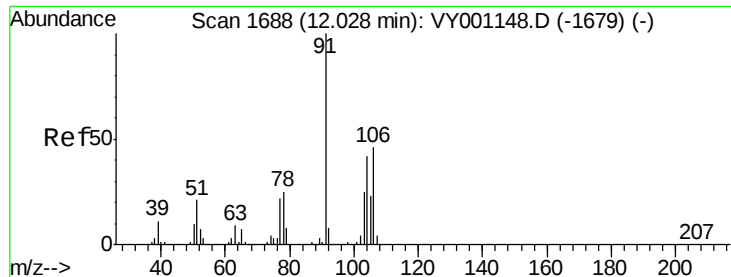
Tot Ion: 91 Resp: 554817
Ion Ratio Lower Upper
91 100
106 31.2 25.3 37.9



#68
m/p-Xylenes
Concen: 99.884 ug/l
RT: 11.72 min Scan# 1637
Delta R.T. 0.02 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Tgt Ion: 106 Resp: 418821
Ion Ratio Lower Upper
106 100
91 201.0 161.4 242.2

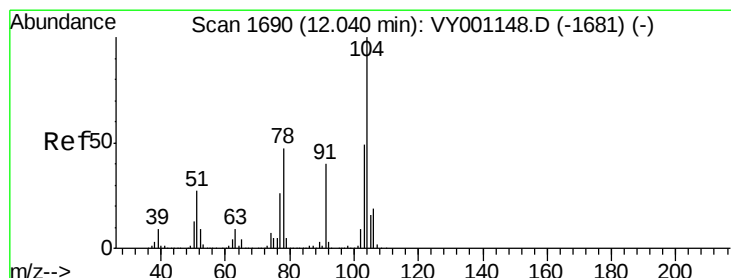
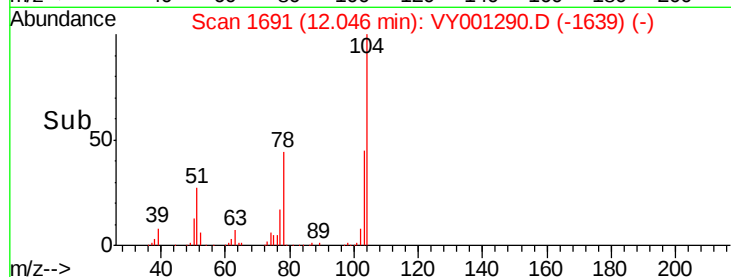
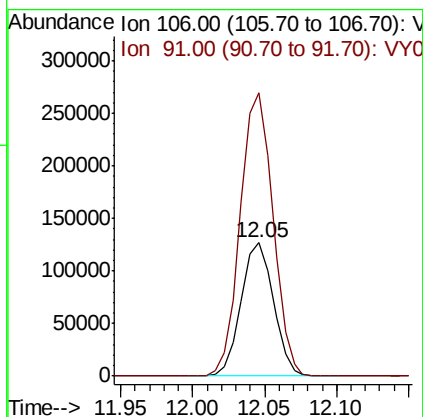
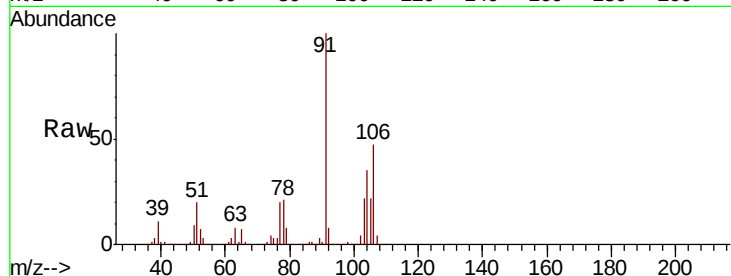




#69
o-Xylene
Concen: 49.245 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.02 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

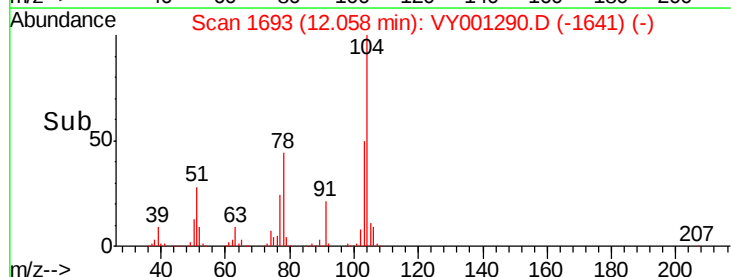
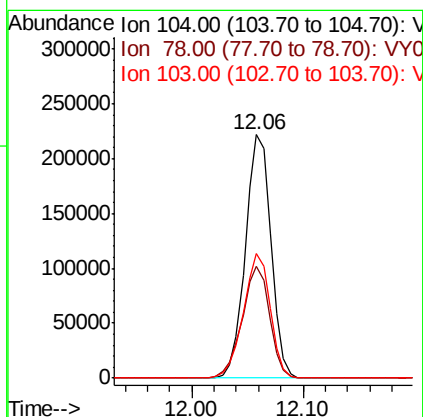
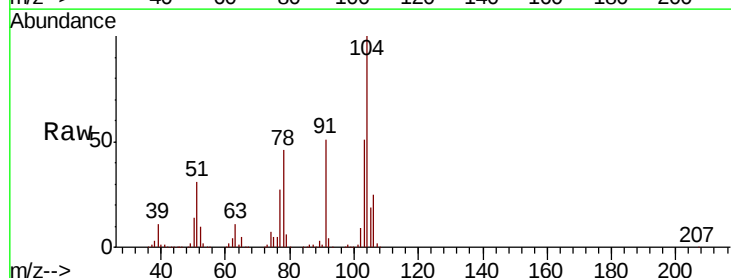
Instrument :
MSVOA_Y
ClientSampleId :

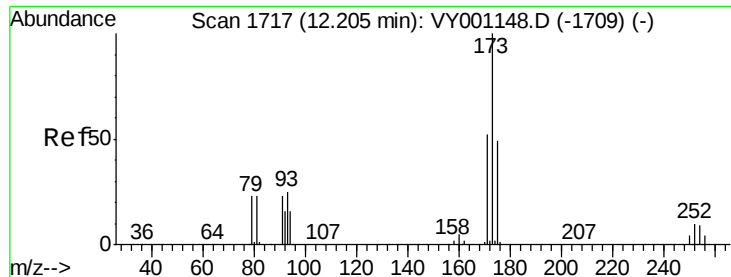
Tot Ion:106 Resp: 197975
Ion Ratio Lower Upper
106 100
91 215.3 106.3 318.8



#70
Styrene
Concen: 50.166 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.02 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Tgt Ion:104 Resp: 353864
Ion Ratio Lower Upper
104 100
78 49.2 40.5 60.7
103 53.6 42.4 63.6





#71

Bromoform

Concen: 46.662 ug/l

RT: 12.22 min Scan# 1720

Delta R.T. 0.02 min

Lab File: VY001290.D

Acq: 20 Jan 2020 12:26

Instrument :

MSVOA_Y

ClientSampleId :

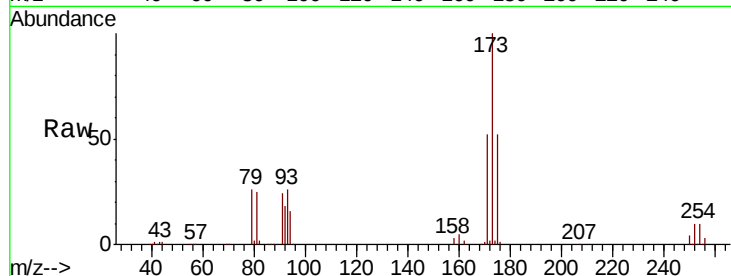
Tot Ion:173 Resp: 60265

Ion Ratio Lower Upper

173 100

175 49.8 24.1 72.2

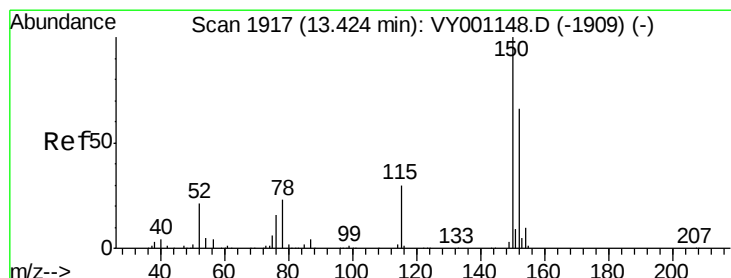
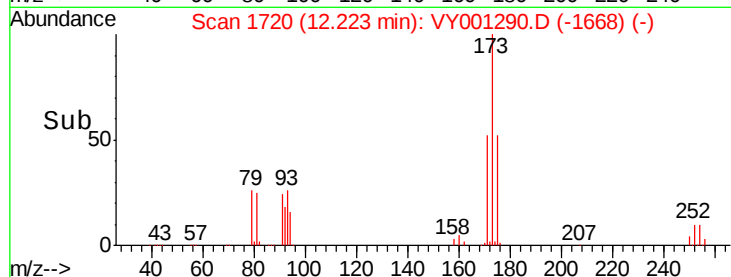
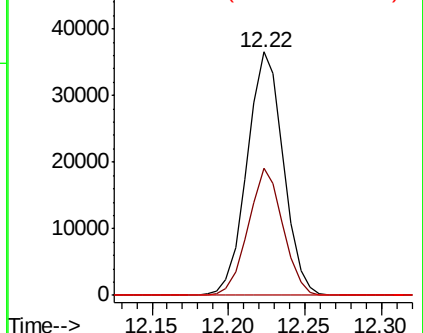
254 0.2 0.1 0.1#



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: 13.44 min Scan# 1920

Delta R.T. 0.02 min

Lab File: VY001290.D

Acq: 20 Jan 2020 12:26

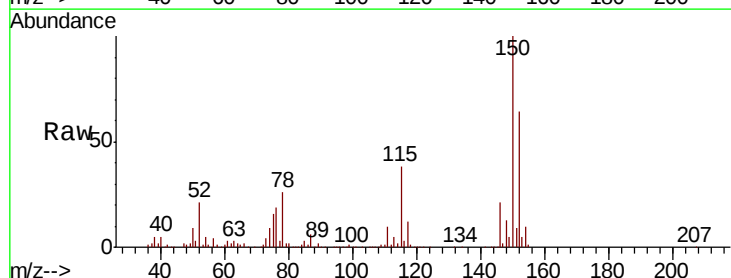
Tgt Ion:152 Resp: 144971

Ion Ratio Lower Upper

152 100

115 60.5 30.9 92.5

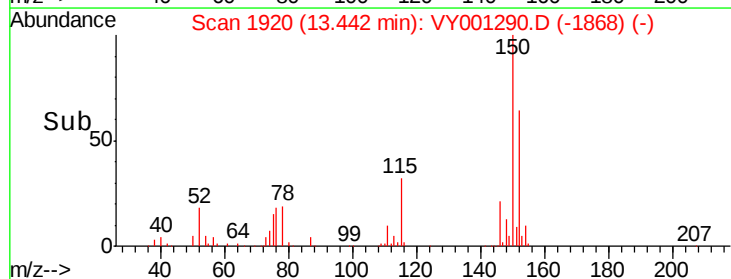
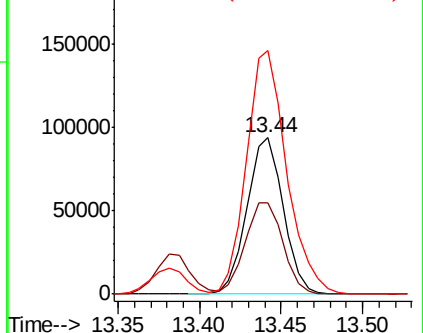
150 172.1 0.0 346.8

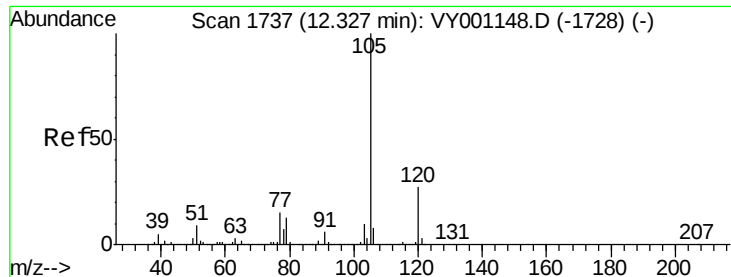


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

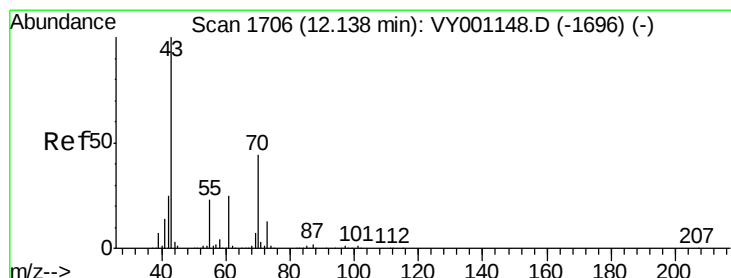
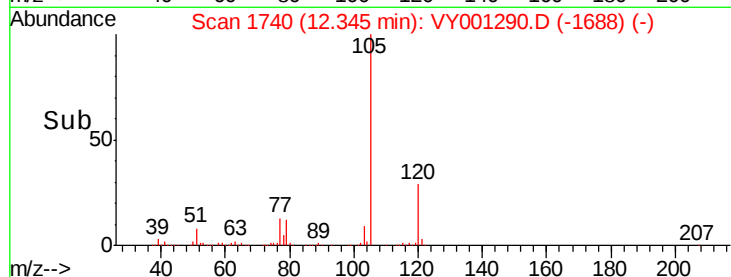
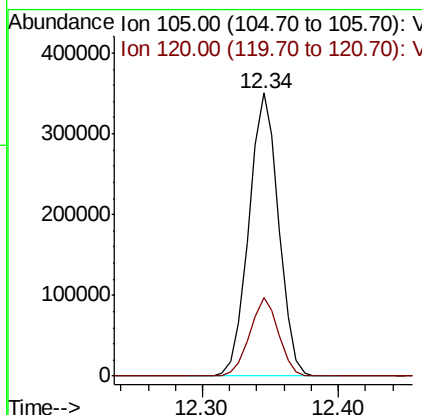
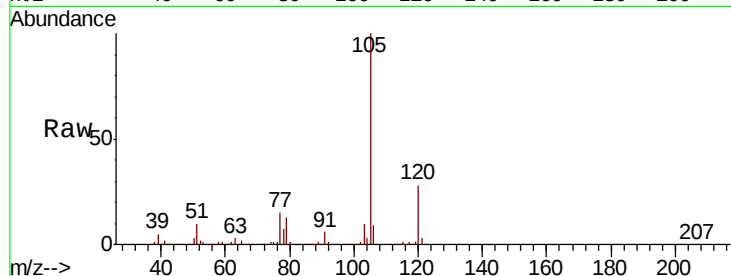




#73
Isopropylbenzene
Concen: 49.174 ug/l
RT: 12.34 min Scan# 1740
Delta R.T. 0.02 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

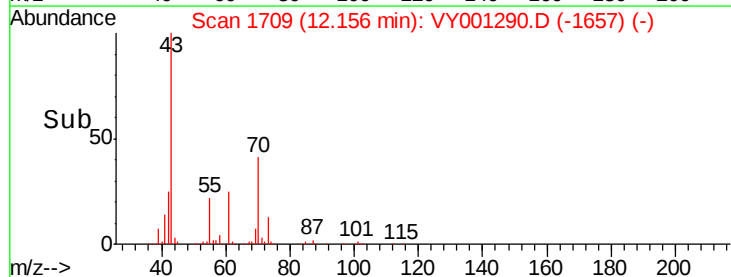
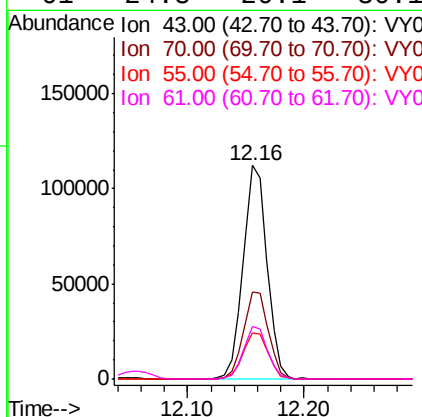
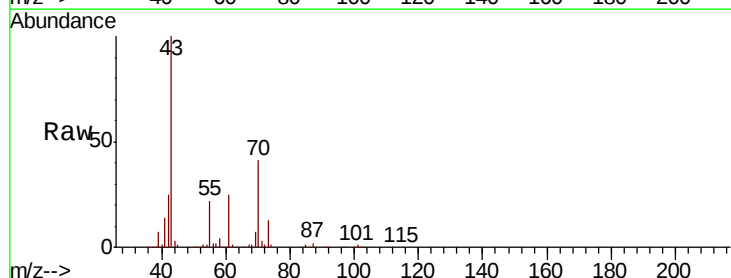
Instrument :
MSVOA_Y
ClientSampleId :

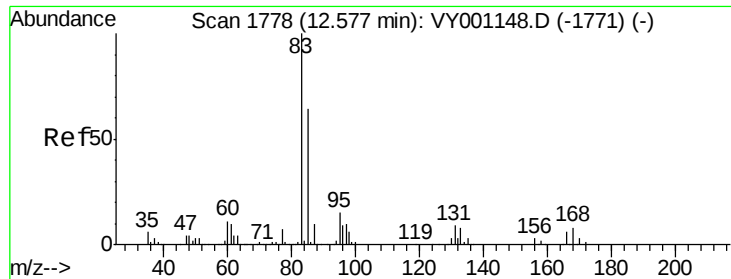
Tot Ion:105 Resp: 535921
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.2



#74
N-ethyl acetate
Concen: 47.568 ug/l
RT: 12.16 min Scan# 1709
Delta R.T. 0.02 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Tgt Ion: 43 Resp: 161791
Ion Ratio Lower Upper
43 100
70 42.4 35.0 52.6
55 22.7 18.4 27.6
61 24.8 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 47.809 ug/l

RT: 12.60 min Scan# 1782

Delta R.T. 0.02 min

Lab File: VY001290.D

Acq: 20 Jan 2020 12:26

Instrument :

MSVOA_Y

ClientSampleId :

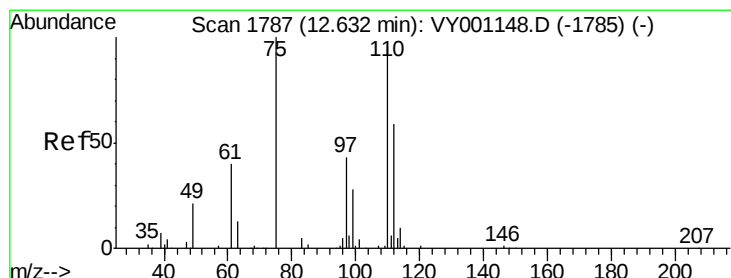
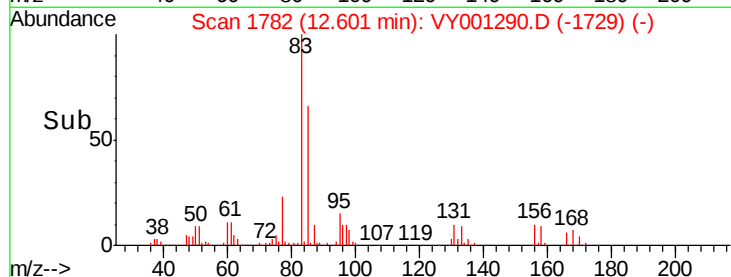
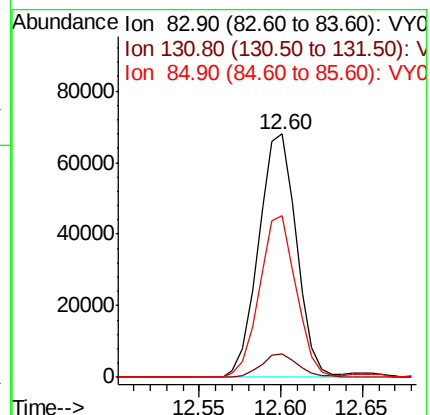
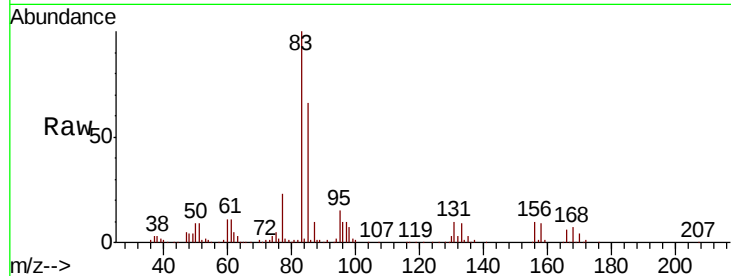
Tot Ion: 83 Resp: 109625

Ion Ratio Lower Upper

83 100

131 9.6 5.1 15.3

85 64.7 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 93.124 ug/l

RT: 12.65 min Scan# 1790

Delta R.T. 0.02 min

Lab File: VY001290.D

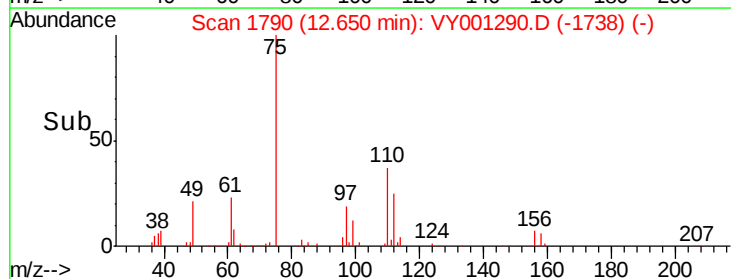
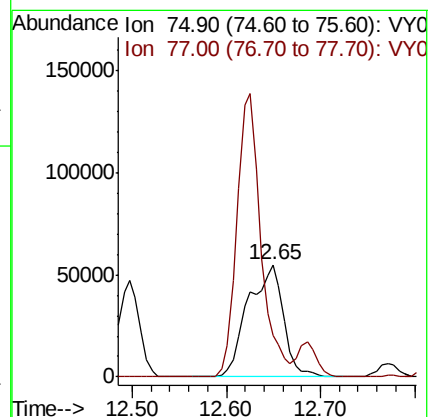
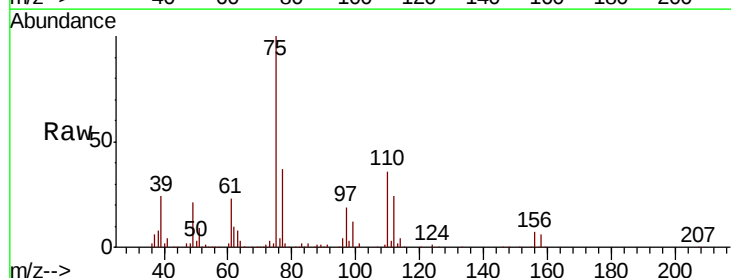
Acq: 20 Jan 2020 12:26

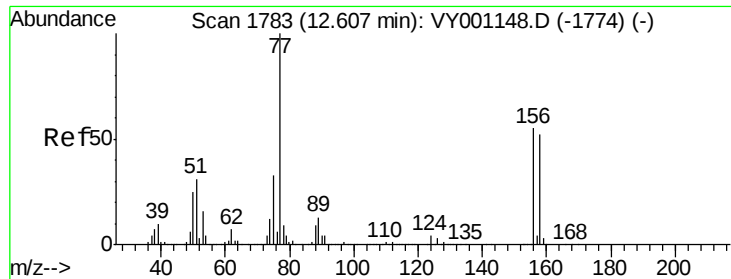
Tgt Ion: 75 Resp: 144522

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.664 ug/l

RT: 12.63 min Scan# 1786

Delta R.T. 0.02 min

Lab File: VY001290.D

Acq: 20 Jan 2020 12:26

Instrument :

MSVOA_Y

ClientSampled :

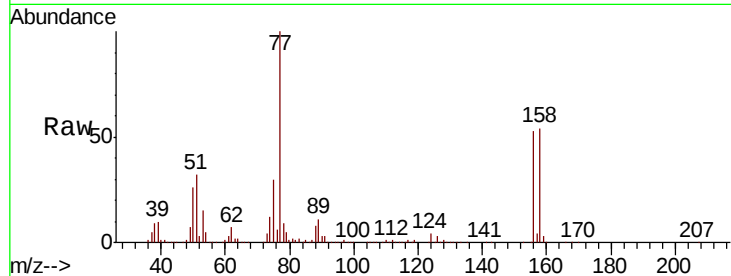
Tot Ion:156 Resp: 119601

Ion Ratio Lower Upper

156 100

77 206.3 106.7 320.1

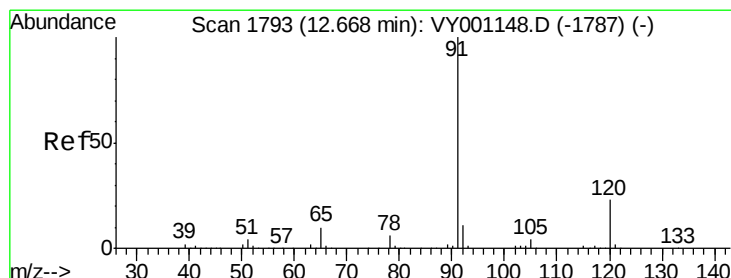
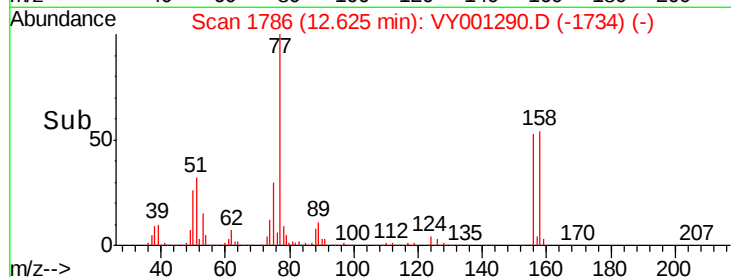
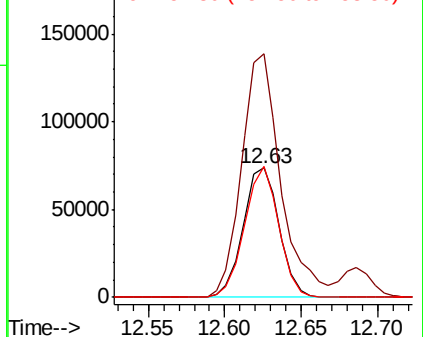
158 96.1 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.821 ug/l

RT: 12.69 min Scan# 1796

Delta R.T. 0.02 min

Lab File: VY001290.D

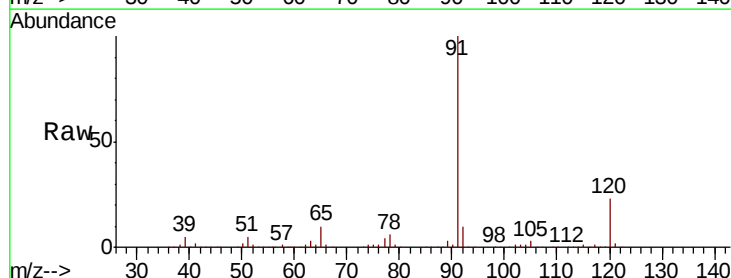
Acq: 20 Jan 2020 12:26

Tgt Ion: 91 Resp: 653121

Ion Ratio Lower Upper

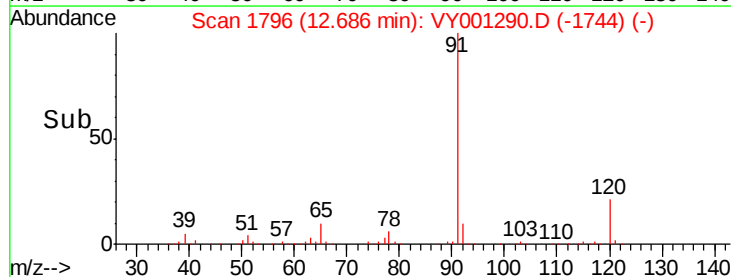
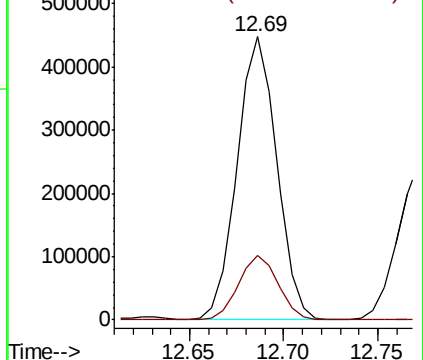
91 100

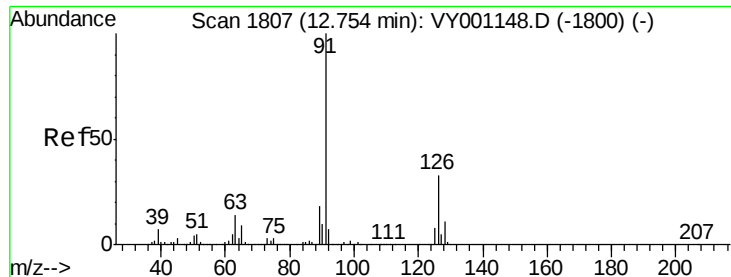
120 22.7 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

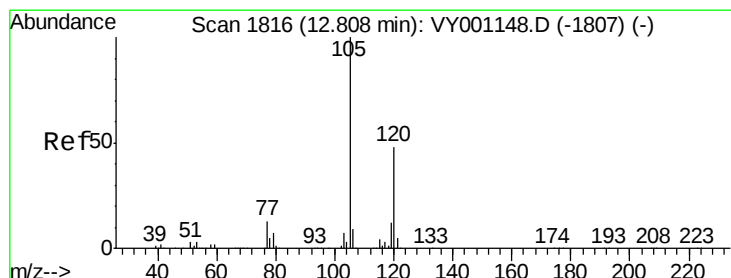
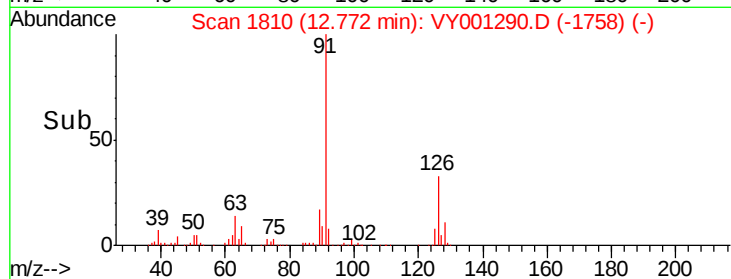
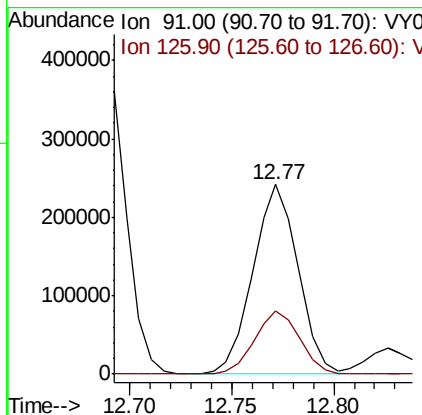
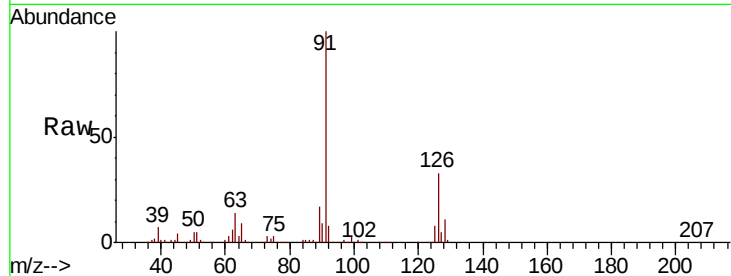




#79
 2-Chlorotoluene
 Concen: 49.199 ug/l
 RT: 12.77 min Scan# 1810
 Delta R.T. 0.02 min
 Lab File: VY001290.D
 Acq: 20 Jan 2020 12:26

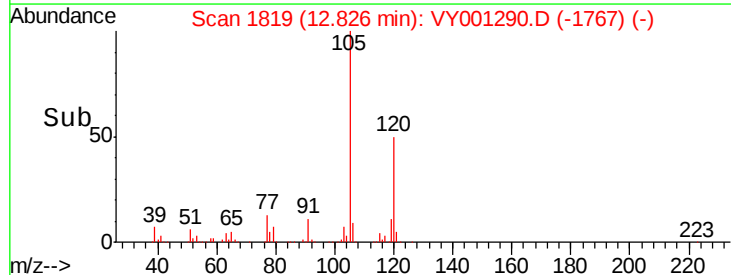
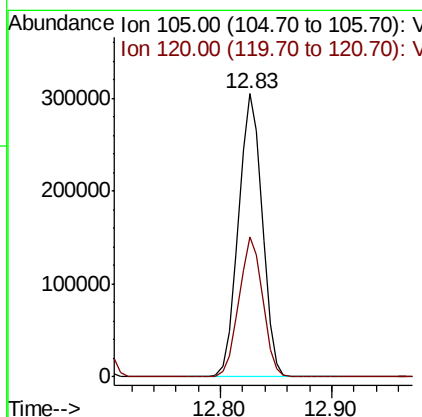
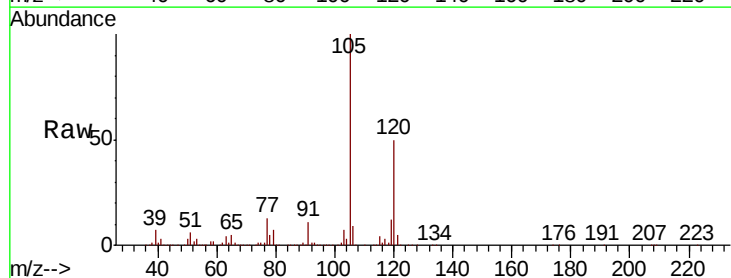
Instrument :
 MSVOA_Y
 ClientSampleId :

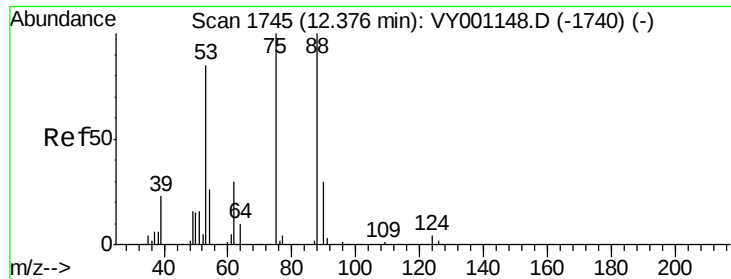
Tot Ion: 91 Resp: 370402
 Ion Ratio Lower Upper
 91 100
 126 33.4 16.4 49.4



#80
 1,3,5-Trimethylbenzene
 Concen: 49.582 ug/l
 RT: 12.83 min Scan# 1819
 Delta R.T. 0.02 min
 Lab File: VY001290.D
 Acq: 20 Jan 2020 12:26

Tgt Ion: 105 Resp: 450870
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.2 72.6

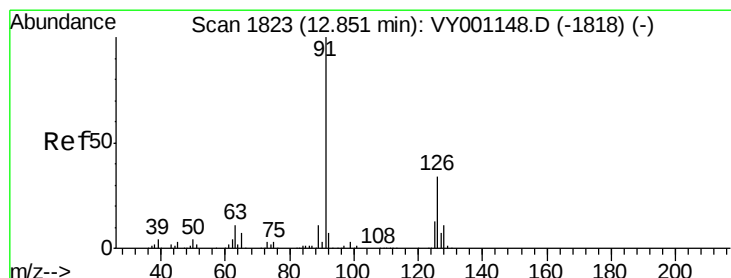
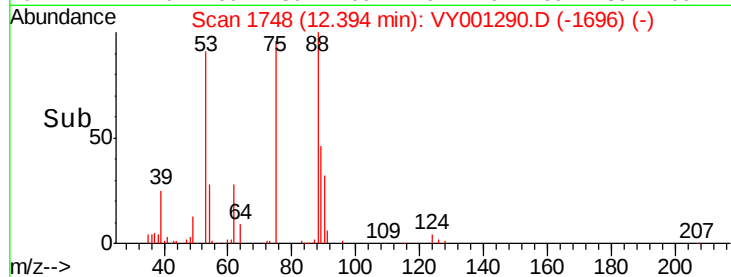
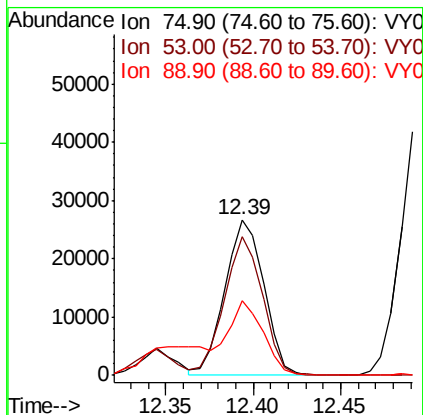
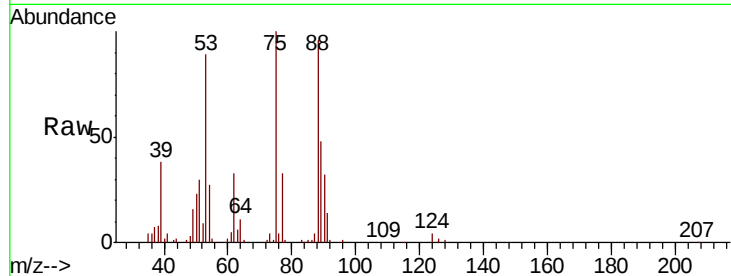




#81
trans-1,4-Dichloro-2-butene
Concen: 45.529 ug/l
RT: 12.39 min Scan# 1748
Delta R.T. 0.02 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

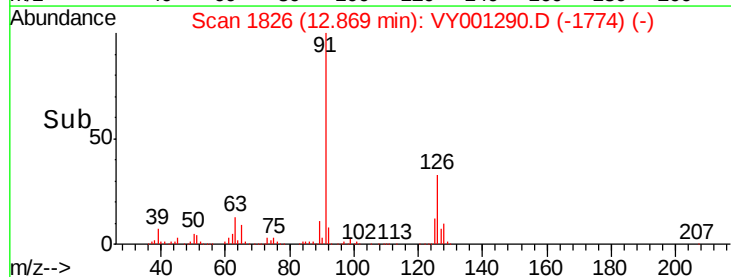
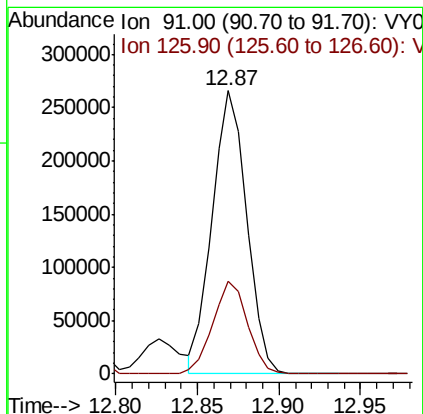
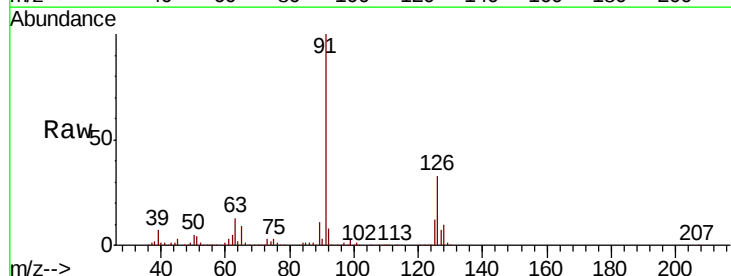
Instrument :
MSVOA_Y
ClientSampleId :

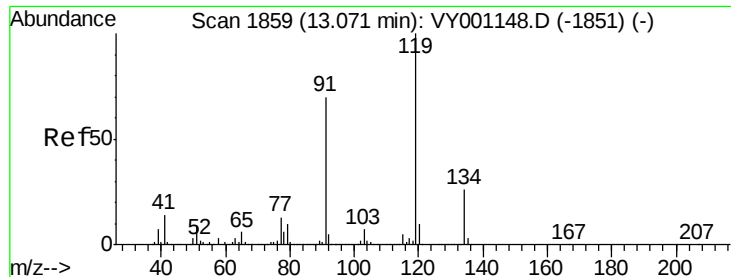
Tot Ion: 75 Resp: 41667
Ion Ratio Lower Upper
75 100
53 87.1 69.4 104.2
89 43.3 0.0 0.0#



#82
4-Chlorotoluene
Concen: 48.754 ug/l
RT: 12.87 min Scan# 1826
Delta R.T. 0.02 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Tgt Ion: 91 Resp: 391859
Ion Ratio Lower Upper
91 100
126 33.0 16.3 48.8

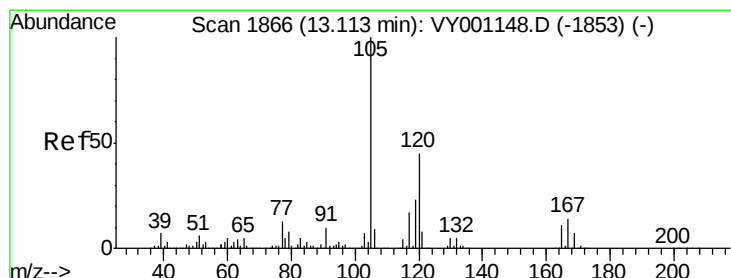
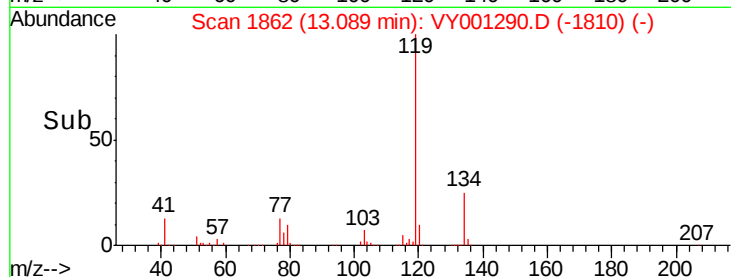
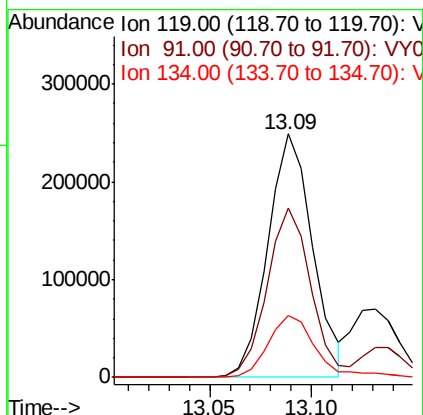
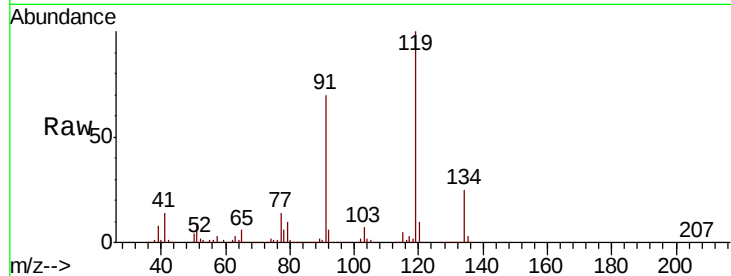




#83
tert-Butylbenzene
Concen: 49.969 ug/l
RT: 13.09 min Scan# 1862
Delta R.T. 0.02 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

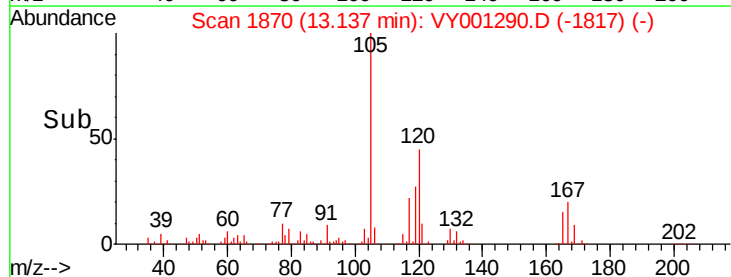
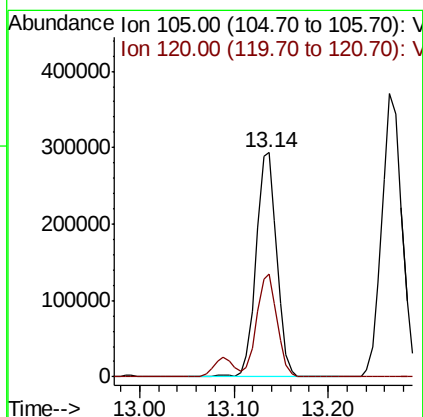
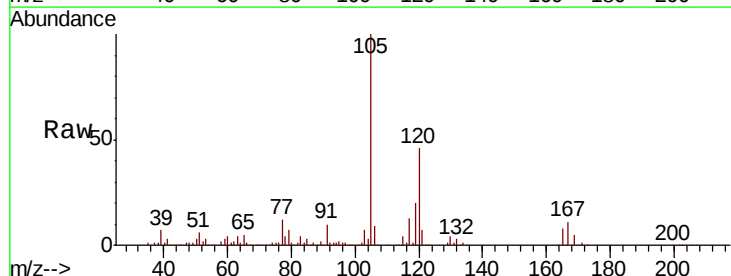
Instrument :
MSVOA_Y
ClientSampleId :

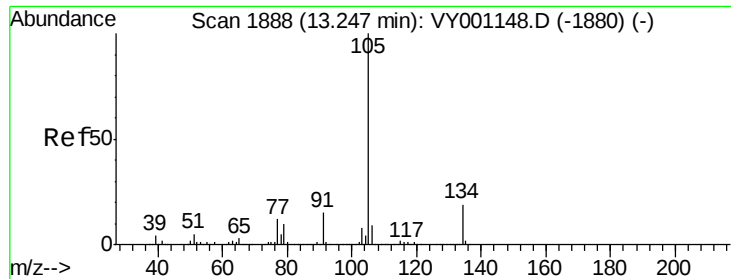
Tot Ion:119 Resp: 381813
Ion Ratio Lower Upper
119 100
91 68.3 33.9 101.7
134 27.1 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 50.389 ug/l
RT: 13.14 min Scan# 1870
Delta R.T. 0.02 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Tgt Ion:105 Resp: 455031
Ion Ratio Lower Upper
105 100
120 45.1 22.8 68.3





#85

sec-Butylbenzene

Concen: 50.029 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.02 min

Lab File: VY001290.D

Acq: 20 Jan 2020 12:26

Instrument :

MSVOA_Y

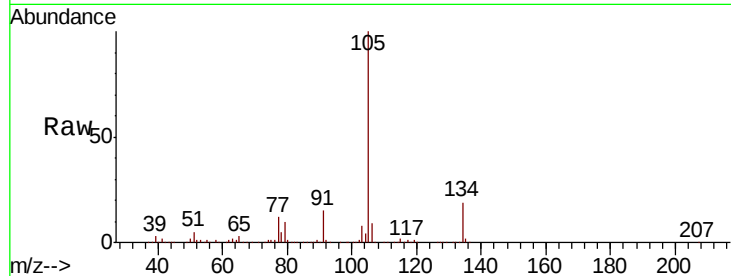
ClientSampleId :

Tot Ion:105 Resp: 549937

Ion Ratio Lower Upper

105 100

134 20.0 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.27

400000

300000

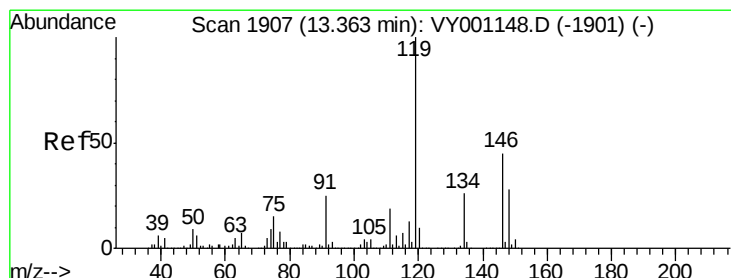
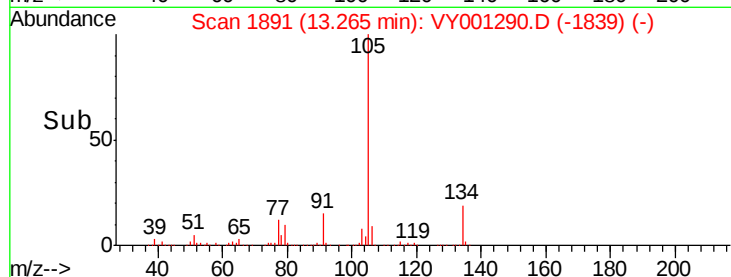
200000

100000

0

13.20 13.25 13.30

Time-->



#86

p-Isopropyltoluene

Concen: 50.719 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.02 min

Lab File: VY001290.D

Acq: 20 Jan 2020 12:26

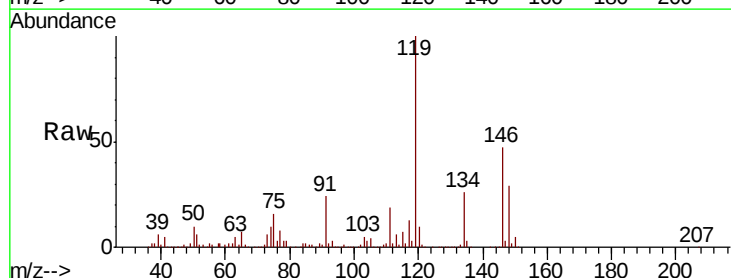
Tgt Ion:119 Resp: 484062

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.2

91 23.7 12.4 37.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.38

400000

300000

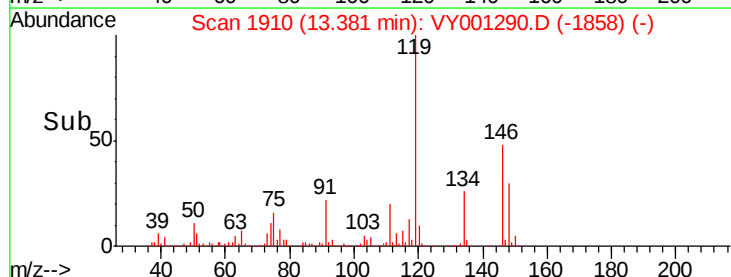
200000

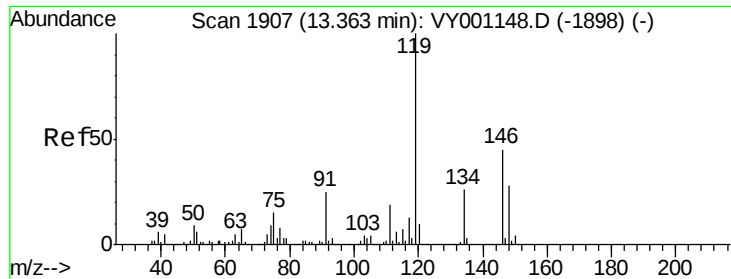
100000

0

13.30 13.35 13.40 13.45

Time-->

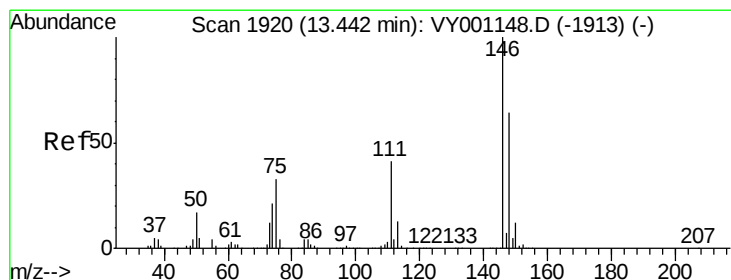
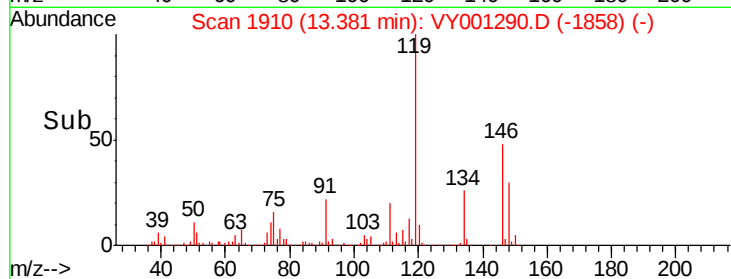
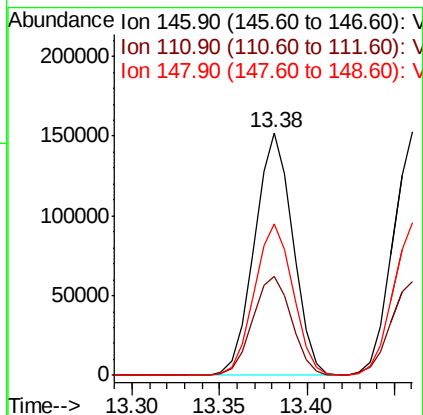
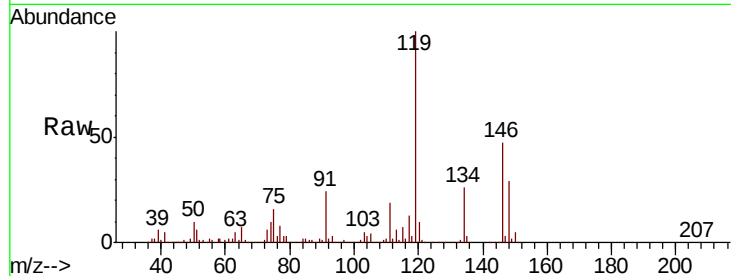




#87
 1,3-Dichlorobenzene
 Concen: 50.696 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. 0.02 min
 Lab File: VY001290.D
 Acq: 20 Jan 2020 12:26

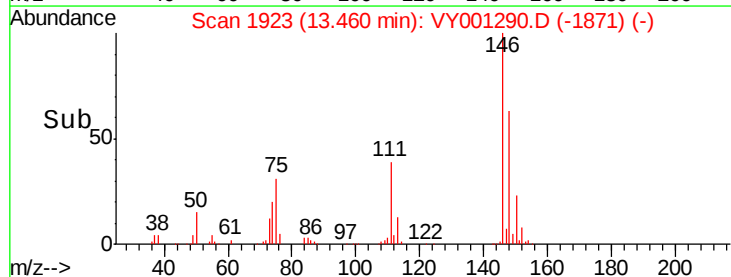
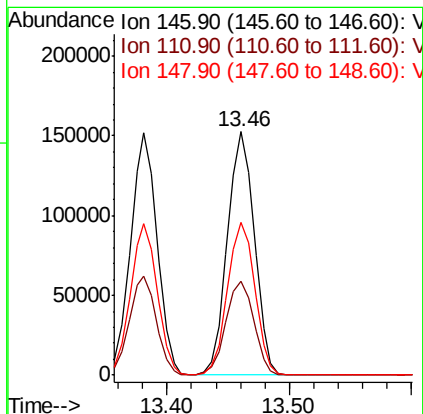
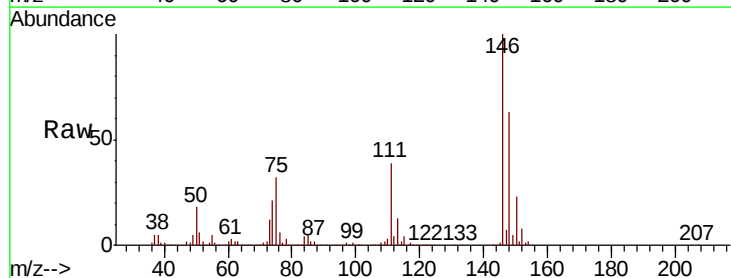
Instrument :
 MSVOA_Y
 ClientSampleId :

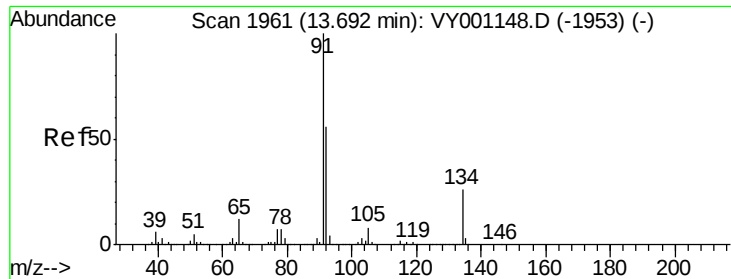
Tot Ion:146 Resp: 230888
 Ion Ratio Lower Upper
 146 100
 111 41.6 21.3 64.0
 148 63.2 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 49.571 ug/l
 RT: 13.46 min Scan# 1923
 Delta R.T. 0.02 min
 Lab File: VY001290.D
 Acq: 20 Jan 2020 12:26

Tgt Ion:146 Resp: 232355
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.8 62.5
 148 63.9 32.0 96.2

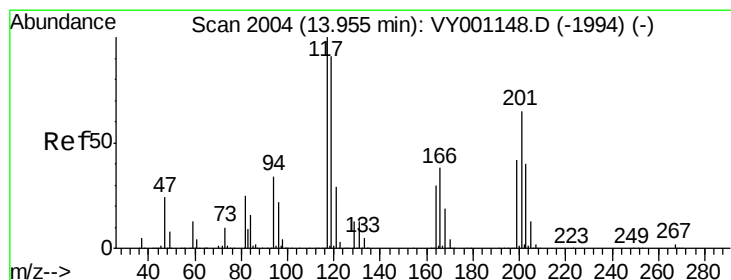
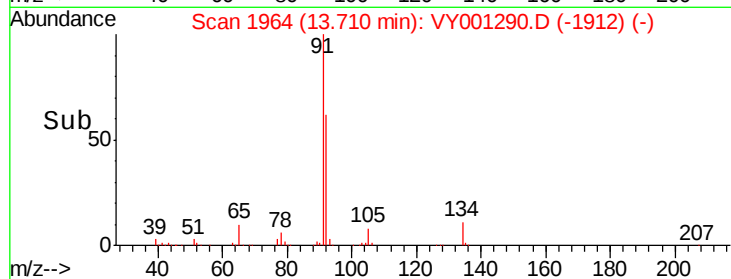
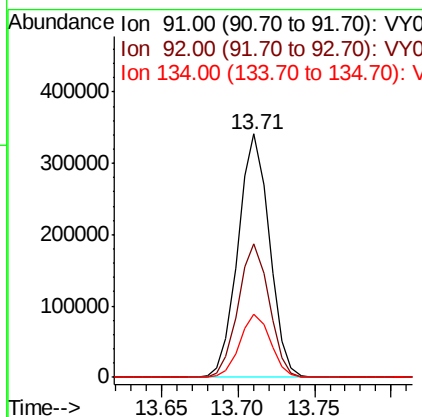
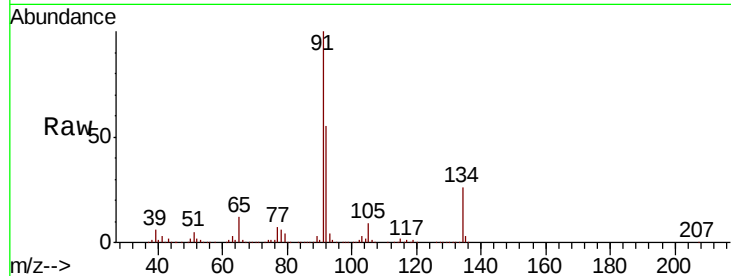




#89
n-Butylbenzene
Concen: 50.393 ug/l
RT: 13.71 min Scan# 1964
Delta R.T. 0.02 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

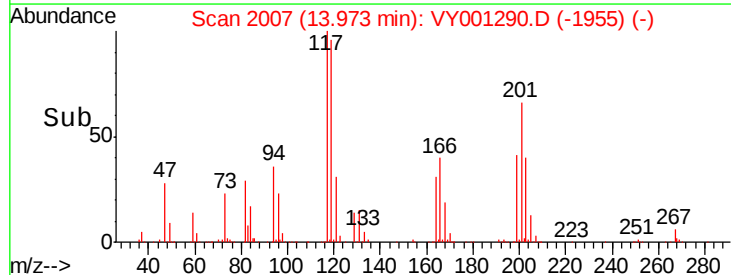
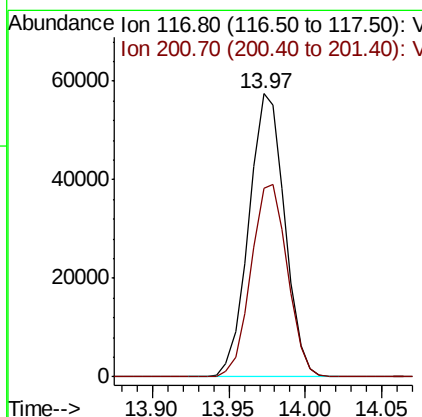
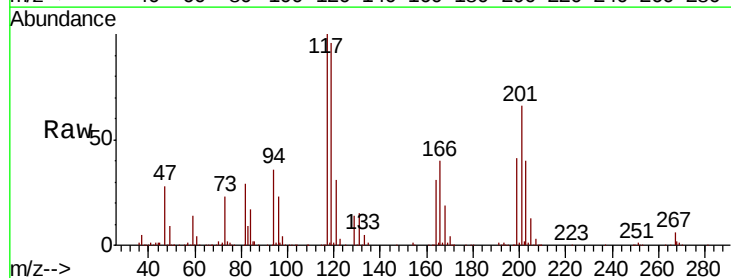
Instrument :
MSVOA_Y
ClientSampleId :

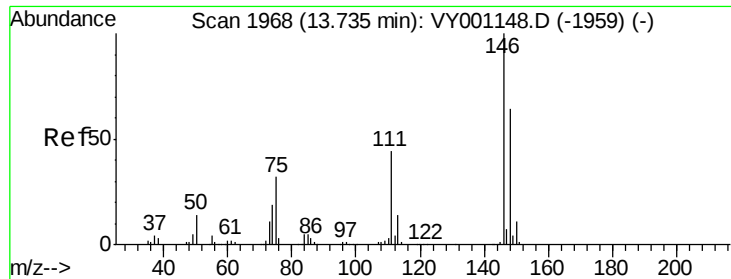
Tot Ion: 91 Resp: 484403
Ion Ratio Lower Upper
91 100
92 54.4 27.7 83.1
134 25.6 12.9 38.6



#90
Hexachloroethane
Concen: 50.319 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.02 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Tgt Ion: 117 Resp: 93838
Ion Ratio Lower Upper
117 100
201 69.2 35.4 106.2





#91

1,2-Dichlorobenzene

Concen: 49.727 ug/l

RT: 13.75 min Scan# 1971

Delta R.T. 0.02 min

Lab File: VY001290.D

Acq: 20 Jan 2020 12:26

Instrument :

MSVOA_Y

ClientSampled :

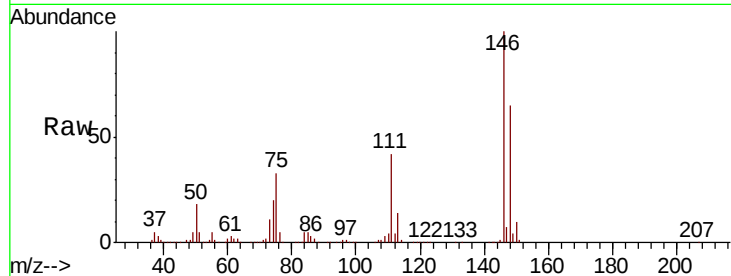
Tot Ion:146 Resp: 210480

Ion Ratio Lower Upper

146 100

111 42.8 22.0 66.0

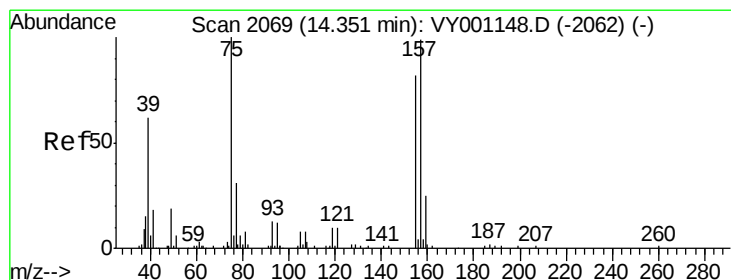
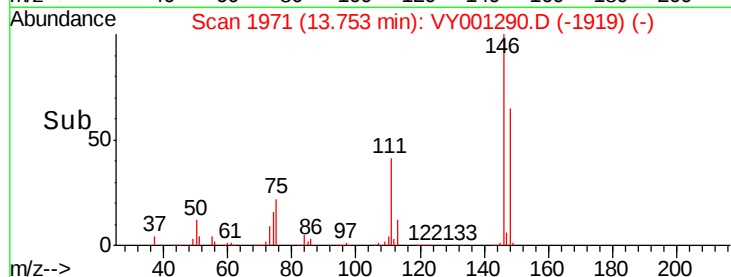
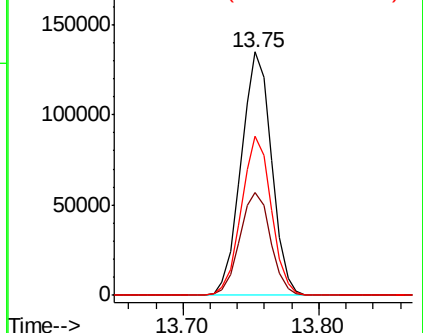
148 64.3 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 43.090 ug/l

RT: 14.37 min Scan# 2073

Delta R.T. 0.02 min

Lab File: VY001290.D

Acq: 20 Jan 2020 12:26

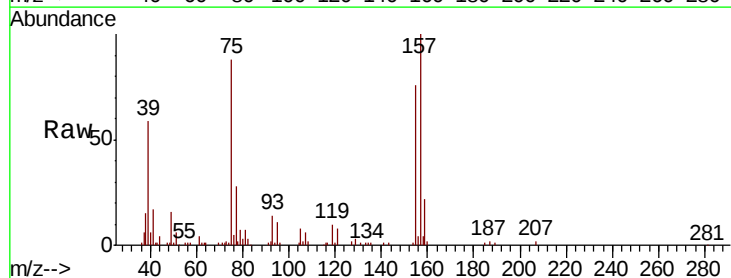
Tgt Ion: 75 Resp: 17823

Ion Ratio Lower Upper

75 100

155 83.1 41.2 123.6

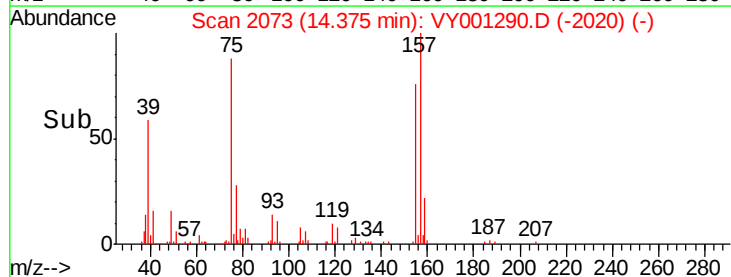
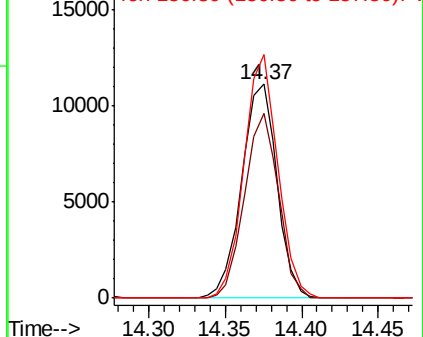
157 108.7 52.8 158.4

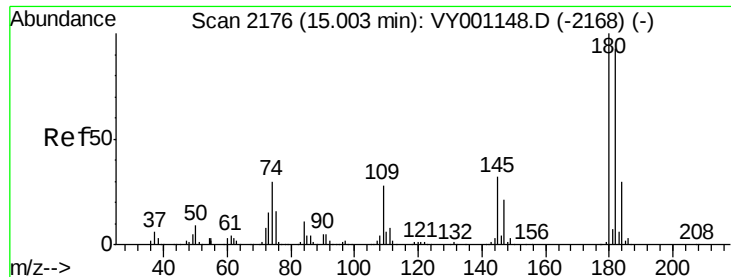


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

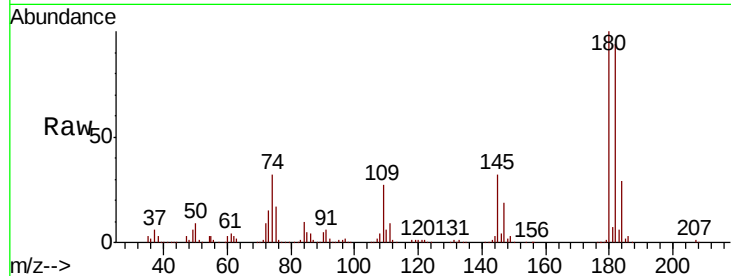




#93
 1,2,4-Trichlorobenzene
 Concen: 48.732 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.02 min
 Lab File: VY001290.D
 Acq: 20 Jan 2020 12:26

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.9	46.9	140.8
145	31.7	16.0	48.0

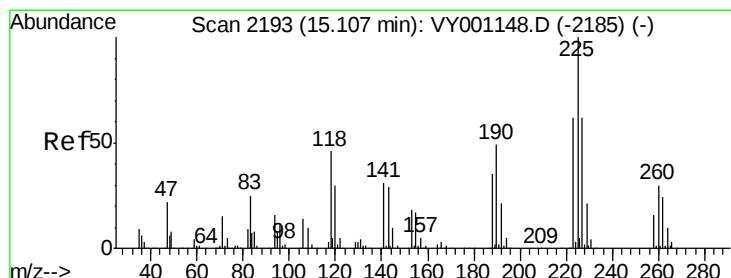
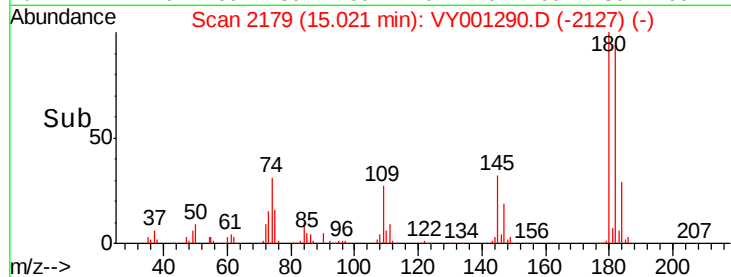
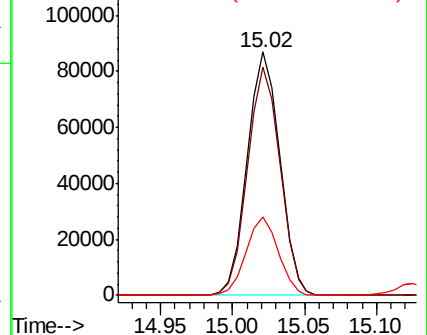


Abundance

Ion 179.80 (179.50 to 180.50): V

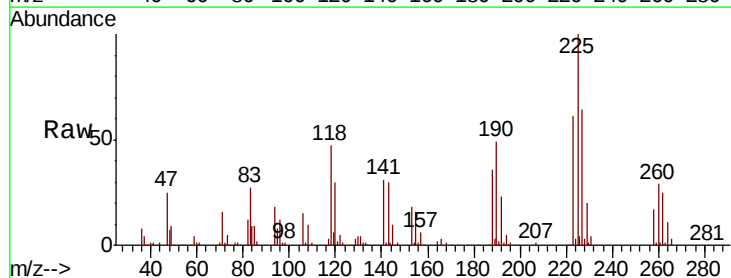
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 48.873 ug/l
 RT: 15.12 min Scan# 2196
 Delta R.T. 0.02 min
 Lab File: VY001290.D
 Acq: 20 Jan 2020 12:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	31.1	93.3
227	64.0	31.3	93.9

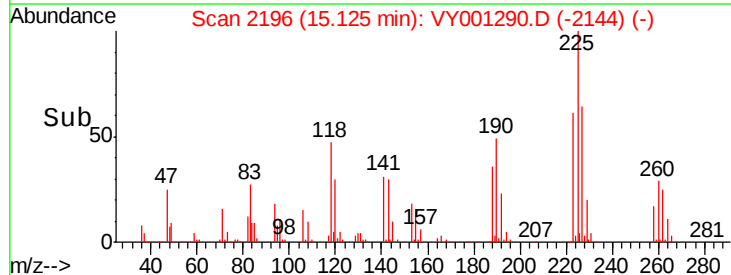
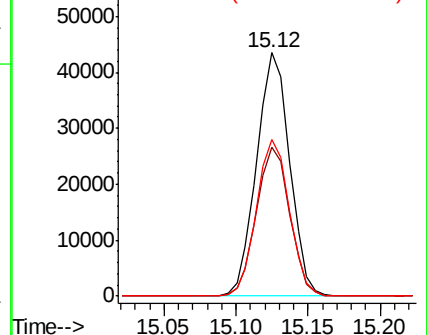


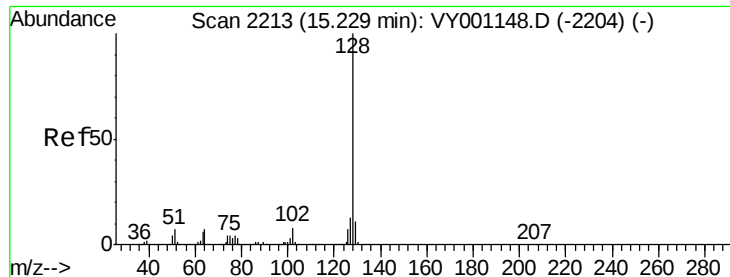
Abundance

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

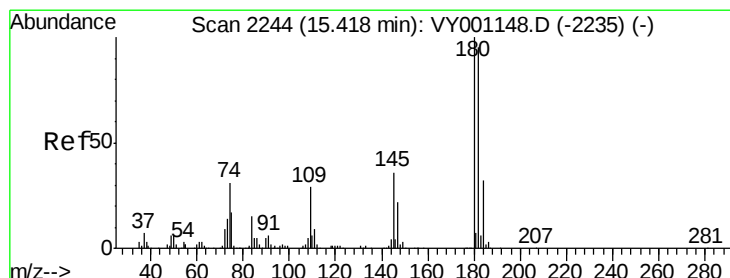
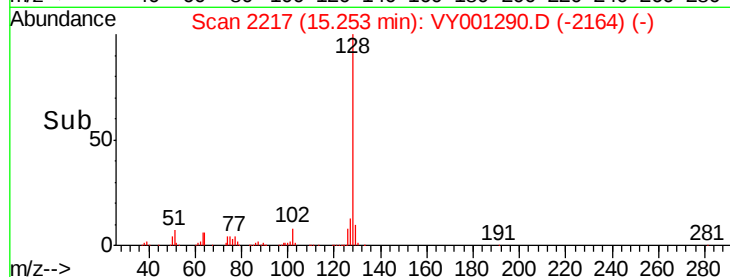
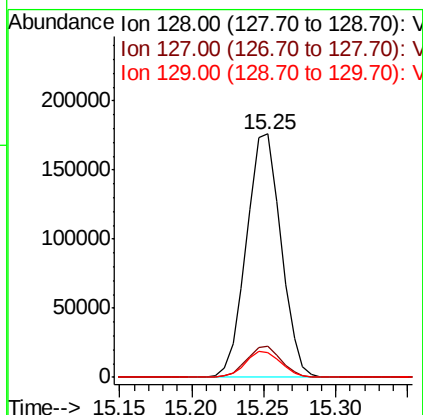
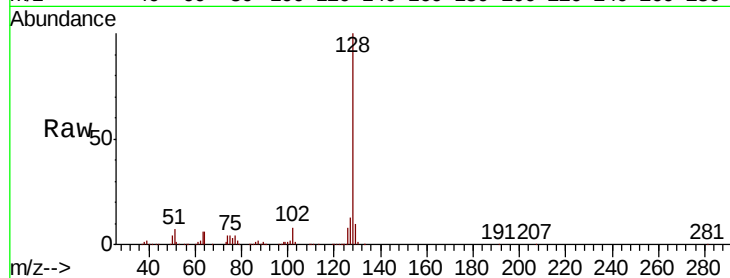




#95
Naphthalene
Concen: 45.140 ug/l
RT: 15.25 min Scan# 2217
Delta R.T. 0.02 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 293067
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.9 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 47.723 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.02 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Tgt Ion:180 Resp: 117293
Ion Ratio Lower Upper
180 100
182 96.3 47.5 142.5
145 34.1 17.1 51.3

