

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032520\
 Data File : VY002062.D
 Acq On : 25 Mar 2020 13:32
 Operator : SY/MD
 Sample : VY0325SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 26 06:33:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	157305	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	283035	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	254296	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	119660	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	84548	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
35) Dibromofluoromethane	7.75	113	78723	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	
50) Toluene-d8	10.20	98	318407	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
62) 4-Bromofluorobenzene	12.50	95	116145	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.92	85	26009	17.912	ug/l	99
3) Chloromethane	2.13	50	36112	18.446	ug/l	99
4) Vinyl Chloride	2.27	62	37491	18.827	ug/l	99
5) Bromomethane	2.66	94	25526	18.228	ug/l	96
6) Chloroethane	2.82	64	25078	20.048	ug/l	98
7) Trichlorofluoromethane	3.15	101	53409	19.777	ug/l	97
8) Diethyl Ether	3.56	74	21664	20.354	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.93	101	34588	19.913	ug/l	98
10) Methyl Iodide	4.12	142	37614	18.725	ug/l	99
11) Tert butyl alcohol	5.00	59	20436	103.726	ug/l #	86
12) 1,1-Dichloroethene	3.90	96	34527	19.742	ug/l	97
13) Acrolein	3.76	56	15629	66.228	ug/l	97
14) Allyl chloride	4.52	41	63607	20.515	ug/l	99
15) Acrylonitrile	5.21	53	58291	102.487	ug/l	99
16) Acetone	3.99	43	49504	101.210	ug/l	97
17) Carbon Disulfide	4.22	76	102939	17.509	ug/l	100
18) Methyl Acetate	4.52	43	26801	21.325	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	98512	20.785	ug/l	95
20) Methylene Chloride	4.75	84	42114	20.090	ug/l	98
21) trans-1,2-Dichloroethene	5.25	96	39560	19.928	ug/l	98
22) Diisopropyl ether	6.15	45	134233	21.121	ug/l	97
23) Vinyl Acetate	6.10	43	430107	103.230	ug/l	99
24) 1,1-Dichloroethane	6.05	63	70343	20.438	ug/l	98
25) 2-Butanone	7.02	43	76805	103.257	ug/l	98
26) 2,2-Dichloropropane	7.02	77	59338	21.006	ug/l	99
27) cis-1,2-Dichloroethene	7.02	96	44678	20.691	ug/l	100
28) Bromochloromethane	7.36	49	32227	20.774	ug/l	99
29) Tetrahydrofuran	7.38	42	50787	102.819	ug/l	98
30) Chloroform	7.54	83	66730	20.636	ug/l	99
31) Cyclohexane	7.82	56	72187	19.561	ug/l	99
32) 1,1,1-Trichloroethane	7.73	97	56287	20.653	ug/l	99
36) 1,1-Dichloropropene	7.94	75	55082	20.224	ug/l	99
37) Ethyl Acetate	7.11	43	32859	20.758	ug/l	100
38) Carbon Tetrachloride	7.92	117	47480	20.407	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032520\
 Data File : VY002062.D
 Acq On : 25 Mar 2020 13:32
 Operator : SY/MD
 Sample : VY0325SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 26 06:33:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	71426	19.772	ug/l	99
40) Benzene	8.19	78	164295	20.351	ug/l	97
41) Methacrylonitrile	7.37	41	44608	62.616	ug/l #	1
42) 1,2-Dichloroethane	8.27	62	43705	21.009	ug/l	99
43) Isopropyl Acetate	8.30	43	62574	20.879	ug/l	99
44) Trichloroethene	8.96	130	39422	20.051	ug/l	92
45) 1,2-Dichloropropane	9.24	63	41659	20.528	ug/l	99
46) Dibromomethane	9.33	93	21403	20.466	ug/l	99
47) Bromodichloromethane	9.52	83	51179	21.038	ug/l	94
48) Methyl methacrylate	9.31	41	27691	20.822	ug/l	96
49) 1,4-Dioxane	9.32	88	5662	395.116	ug/l	98
51) 4-Methyl-2-Pentanone	10.09	43	162345	105.167	ug/l	99
52) Toluene	10.26	92	101432	20.683	ug/l	99
53) t-1,3-Dichloropropene	10.49	75	55062	20.775	ug/l	98
54) cis-1,3-Dichloropropene	9.95	75	65895	20.885	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	31778	20.763	ug/l	99
56) Ethyl methacrylate	10.53	69	47373	21.117	ug/l	96
57) 1,3-Dichloropropane	10.81	76	57064	20.917	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	129248	152.239	ug/l	99
59) 2-Hexanone	10.85	43	114674	104.077	ug/l	99
60) Dibromochloromethane	11.00	129	33585	20.825	ug/l	100
61) 1,2-Dibromoethane	11.11	107	29471	20.328	ug/l	100
64) Tetrachloroethene	10.74	164	32921	20.644	ug/l	98
65) Chlorobenzene	11.53	112	103984	20.522	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.61	131	34667	20.863	ug/l	98
67) Ethyl Benzene	11.61	91	193945	20.524	ug/l	98
68) m/p-Xylenes	11.72	106	143853	41.175	ug/l	100
69) o-Xylene	12.05	106	66960	20.335	ug/l	98
70) Styrene	12.06	104	117850	20.896	ug/l	100
71) Bromoform	12.22	173	18763	20.822	ug/l #	98
73) Isopropylbenzene	12.34	105	185442	20.301	ug/l	100
74) N-amyl acetate	12.16	43	56882	20.261	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	39364	19.983	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	51973	36.605	ug/l #	100
77) Bromobenzene	12.63	156	39680	20.503	ug/l	98
78) n-propylbenzene	12.69	91	228266	20.255	ug/l	100
79) 2-Chlorotoluene	12.77	91	125979	20.234	ug/l	99
80) 1,3,5-Trimethylbenzene	12.83	105	150685	20.038	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	14066	20.011	ug/l	96
82) 4-Chlorotoluene	12.87	91	133079	20.529	ug/l	100
83) tert-Butylbenzene	13.09	119	127686	20.443	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	152351	20.415	ug/l	99
85) sec-Butylbenzene	13.27	105	187902	20.410	ug/l	100
86) p-Isopropyltoluene	13.38	119	164859	20.759	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	77733	20.497	ug/l	98
88) 1,4-Dichlorobenzene	13.46	146	79579	20.684	ug/l	98
89) n-Butylbenzene	13.71	91	169524	20.575	ug/l	99
90) Hexachloroethane	13.97	117	31010	20.698	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	70080	20.340	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	6437	20.941	ug/l	93

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY032520\
Data File : VY002062.D
Acq On : 25 Mar 2020 13:32
Operator : SY/MD
Sample : VY0325SBS01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Mar 26 06:33:19 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration

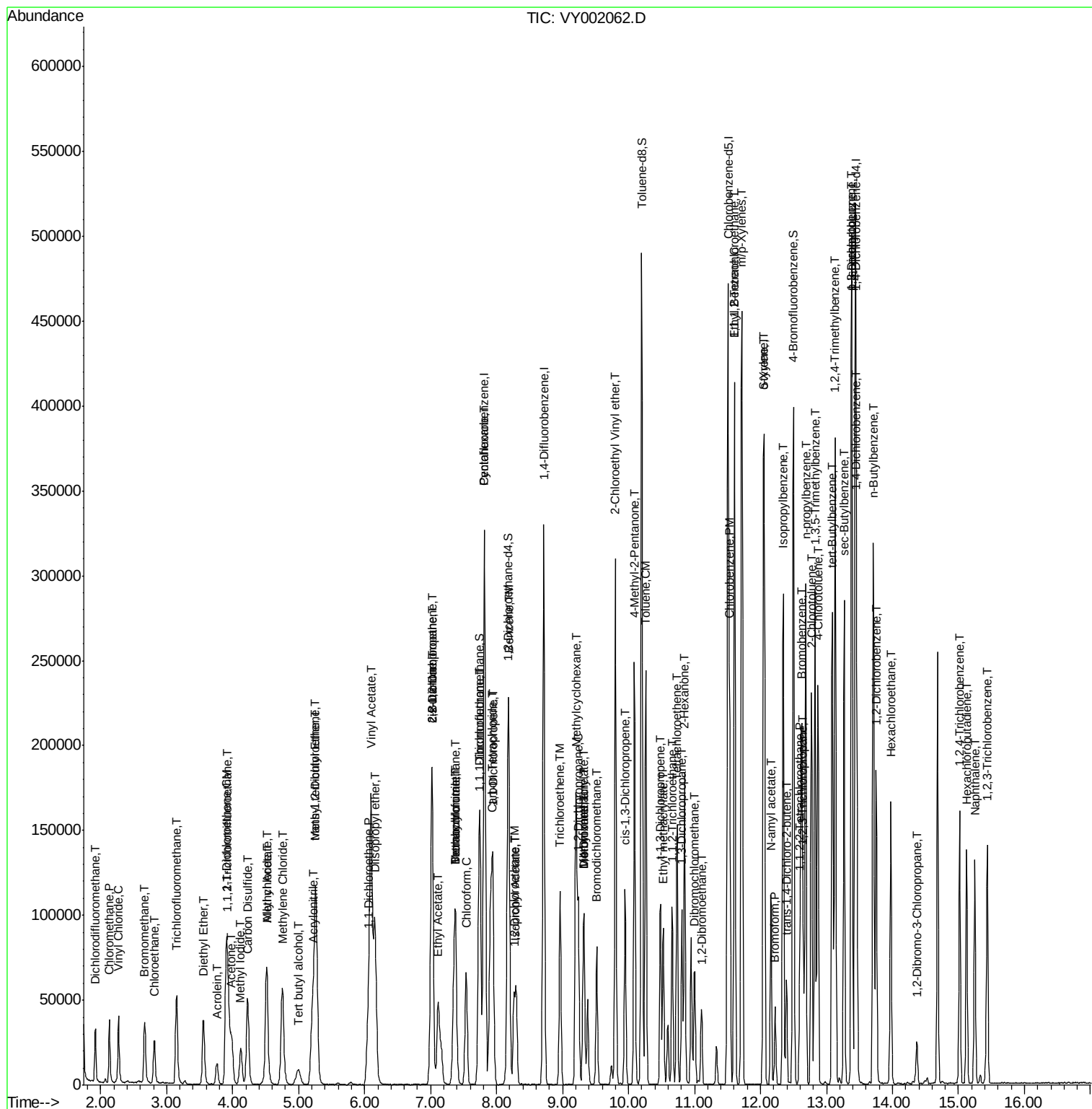
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	46905	20.992	ug/l	99
94) Hexachlorobutadiene	15.12	225	22854	20.980	ug/l	99
95) Naphthalene	15.25	128	104922	19.797	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	40161	20.403	ug/l	98

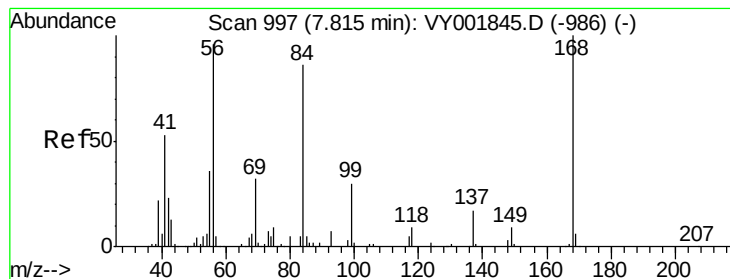
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY032520\
 Data File : VY002062.D
 Acq On : 25 Mar 2020 13:32
 Operator : SY/MD
 Sample : VY0325SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 26 06:33:19 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

Instrument :

MSVOA_Y

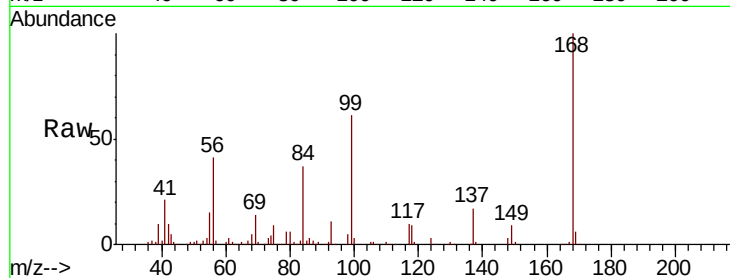
ClientSampleId :

Tot Ion:168 Resp: 157305

Ion Ratio Lower Upper

168 100

99 60.5 46.7 70.1



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

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

7.82

60000

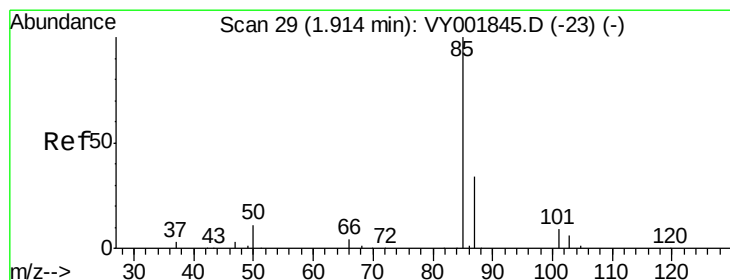
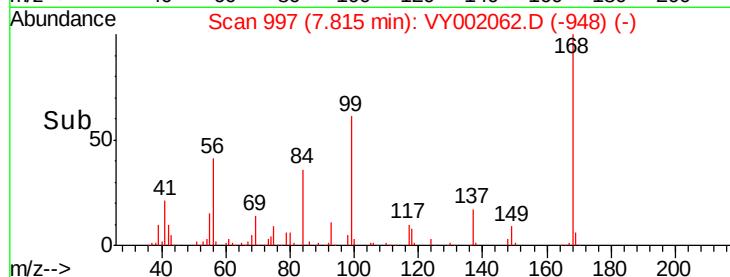
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 17.912 ug/l

RT: 1.92 min Scan# 30

Delta R.T. 0.01 min

Lab File: VY002062.D

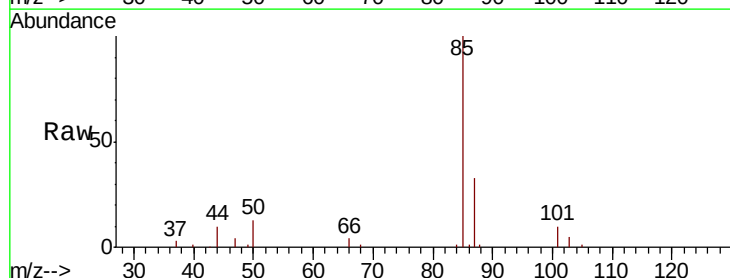
Acq: 25 Mar 2020 13:32

Tgt Ion: 85 Resp: 26009

Ion Ratio Lower Upper

85 100

87 33.2 16.8 50.4



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

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

1.92

20000

15000

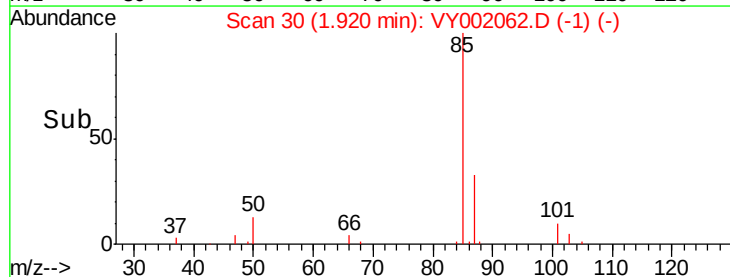
10000

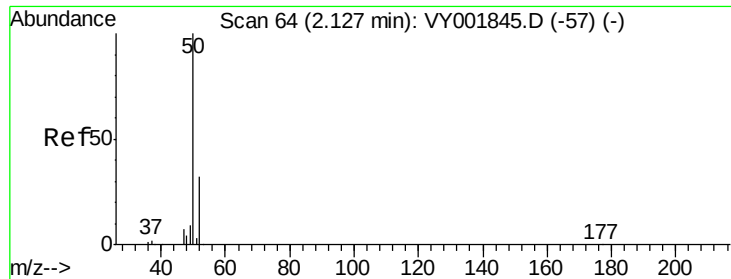
5000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 18.446 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.00 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

Instrument :

MSVOA_Y

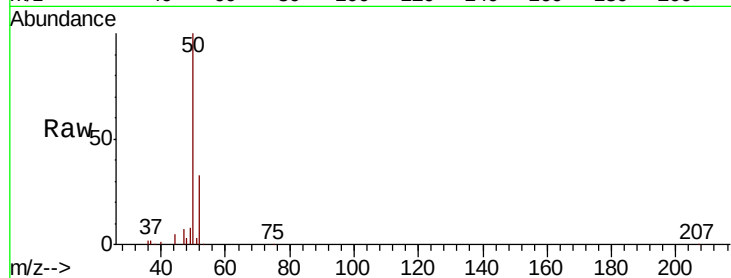
ClientSampleId :

Tot Ion: 50 Resp: 36112

Ion Ratio Lower Upper

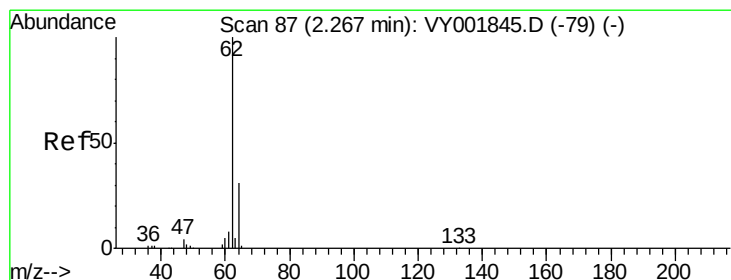
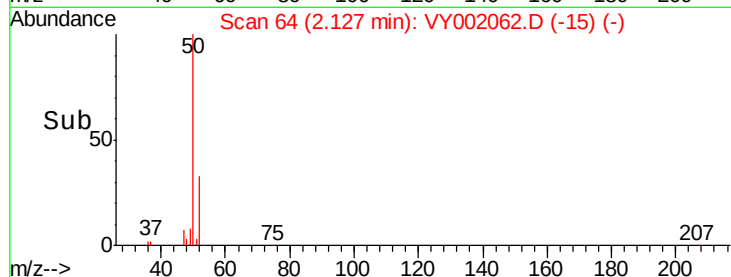
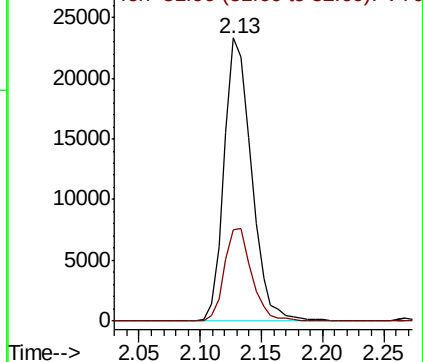
50 100

52 32.5 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 18.827 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.00 min

Lab File: VY002062.D

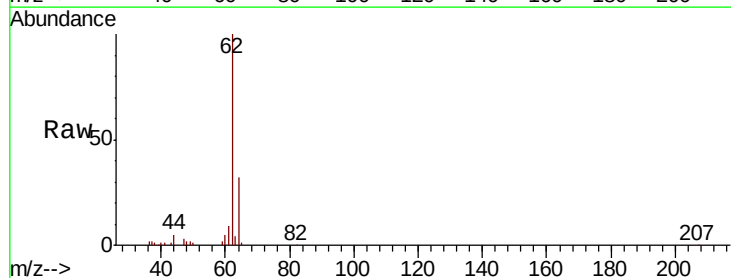
Acq: 25 Mar 2020 13:32

Tgt Ion: 62 Resp: 37491

Ion Ratio Lower Upper

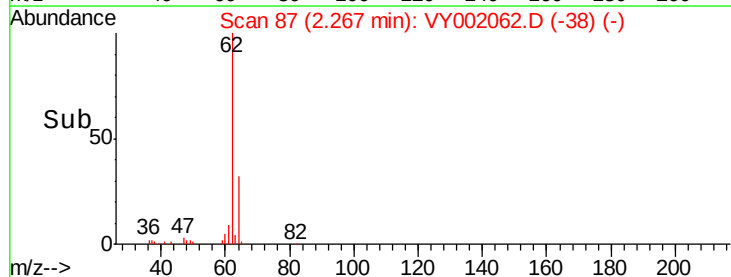
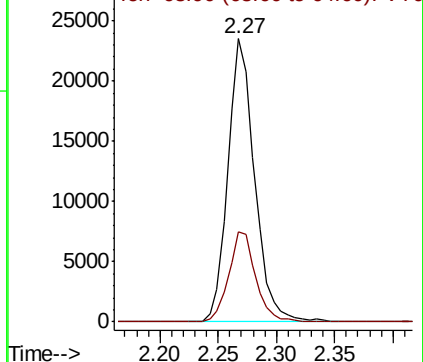
62 100

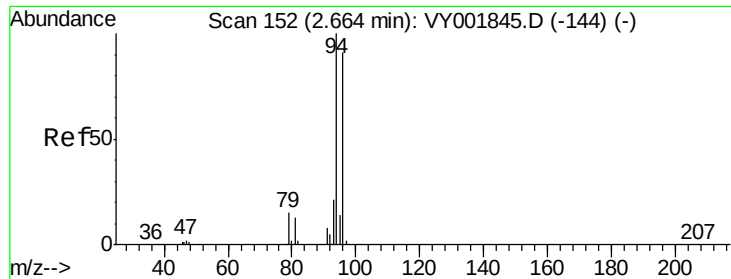
64 31.9 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 18.228 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.00 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

Instrument :

MSVOA_Y

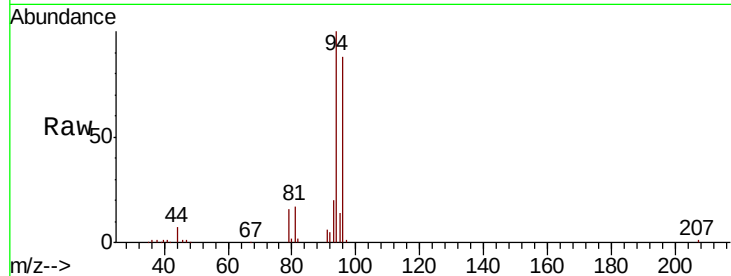
ClientSampleId :

Tot Ion: 94 Resp: 25526

Ion Ratio Lower Upper

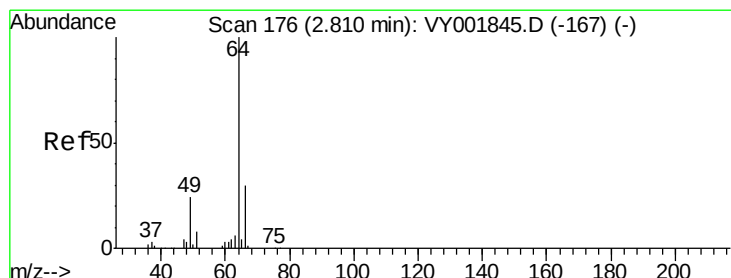
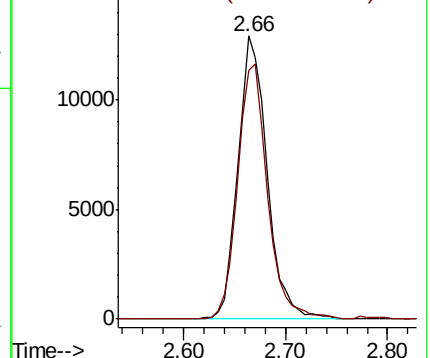
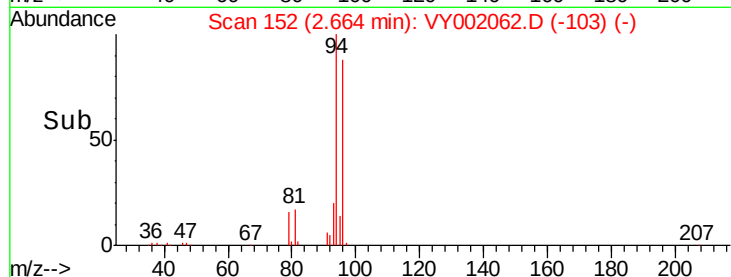
94 100

96 87.8 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VY001845.D (-144) (-)

Ion 95.90 (95.60 to 96.60): VY002062.D (-103) (-)



#6

Chloroethane

Concen: 20.048 ug/l

RT: 2.82 min Scan# 177

Delta R.T. 0.01 min

Lab File: VY002062.D

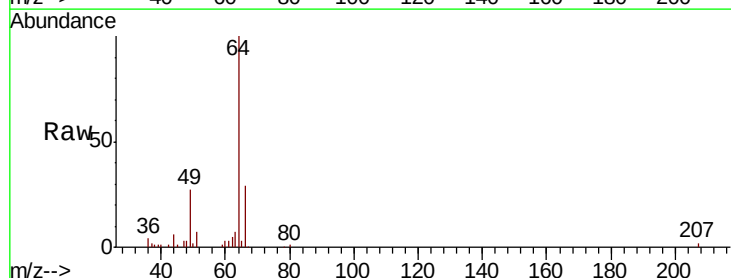
Acq: 25 Mar 2020 13:32

Tgt Ion: 64 Resp: 25078

Ion Ratio Lower Upper

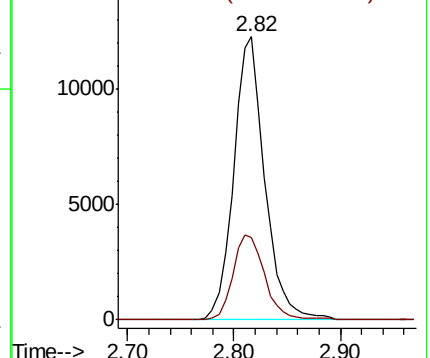
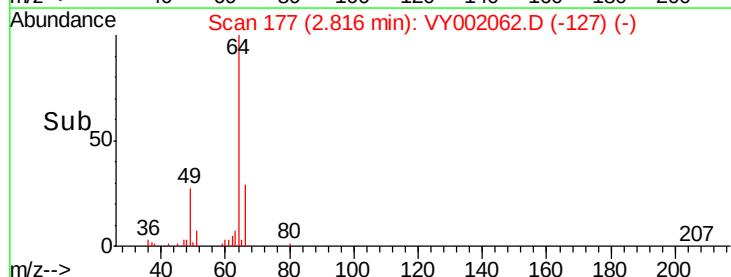
64 100

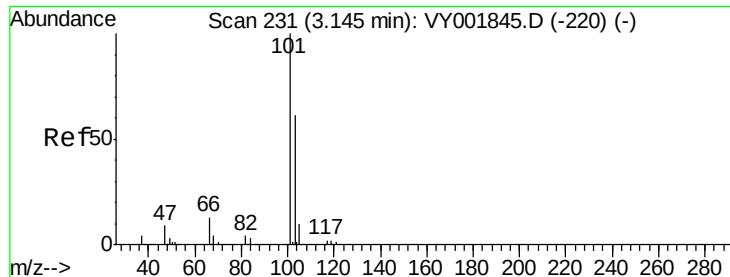
66 29.0 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VY001845.D (-167) (-)

Ion 65.90 (65.60 to 66.60): VY002062.D (-127) (-)



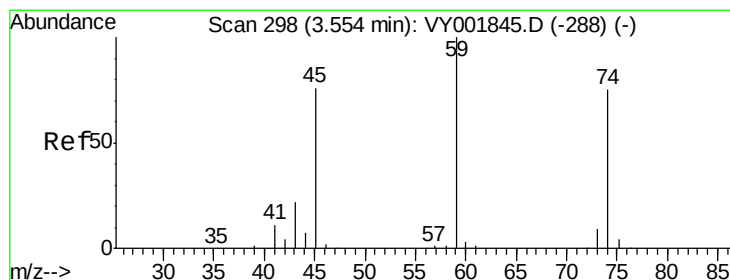
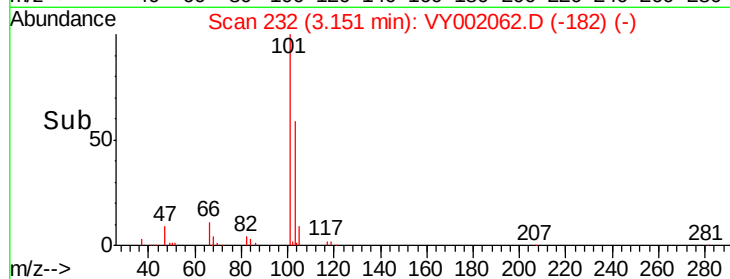
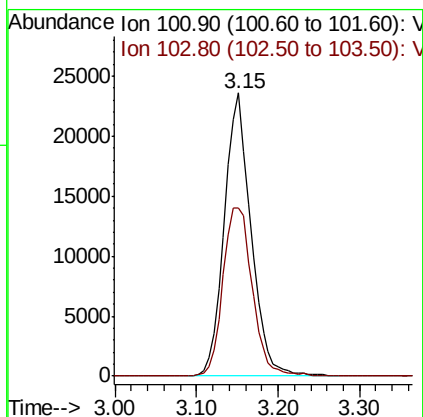
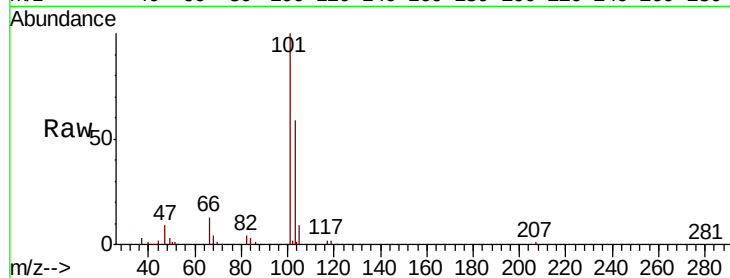


#7

Trichlorofluoromethane
Concen: 19.777 ug/l
RT: 3.15 min Scan# 232
Delta R.T. 0.01 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

Instrument :
MSVOA_Y
ClientSampled :

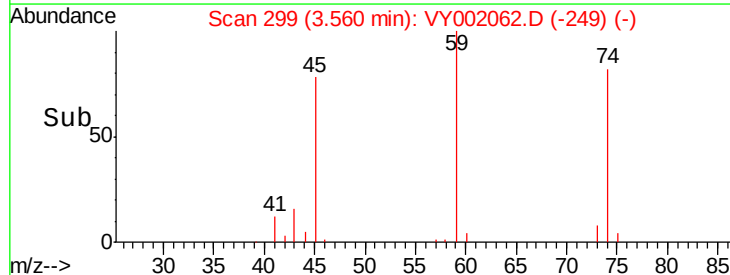
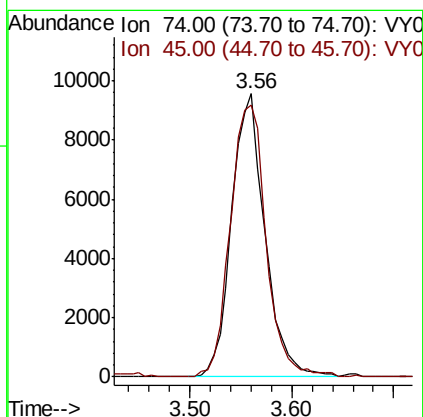
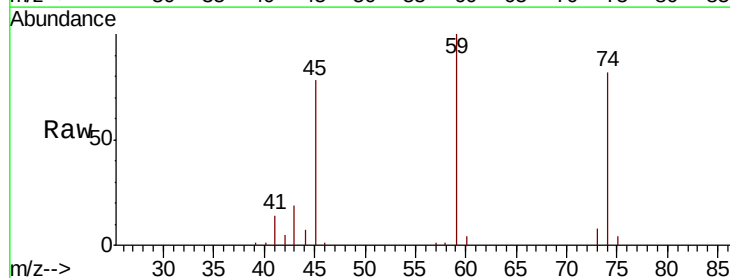
Tot Ion:101 Resp: 53409
Ion Ratio Lower Upper
101 100
103 59.3 49.1 73.7

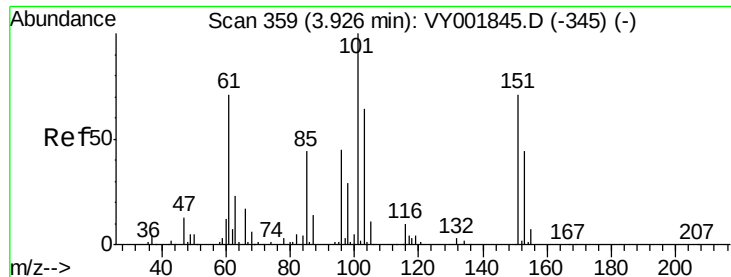


#8

Diethyl Ether
Concen: 20.354 ug/l
RT: 3.56 min Scan# 299
Delta R.T. 0.01 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

Tgt Ion: 74 Resp: 21664
Ion Ratio Lower Upper
74 100
45 102.7 50.5 151.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.913 ug/l

RT: 3.93 min Scan# 360

Delta R.T. 0.01 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

Instrument :

MSVOA_Y

ClientSampled :

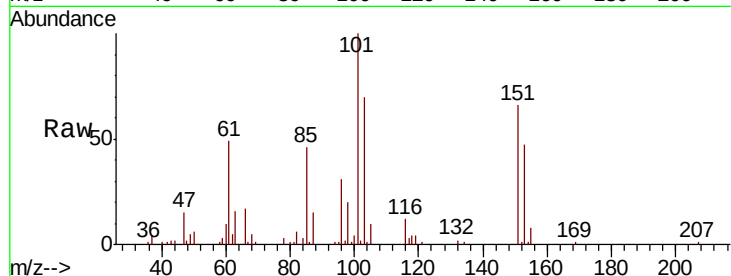
Tot Ion:101 Resp: 34588

Ion Ratio Lower Upper

101 100

85 46.9 35.3 52.9

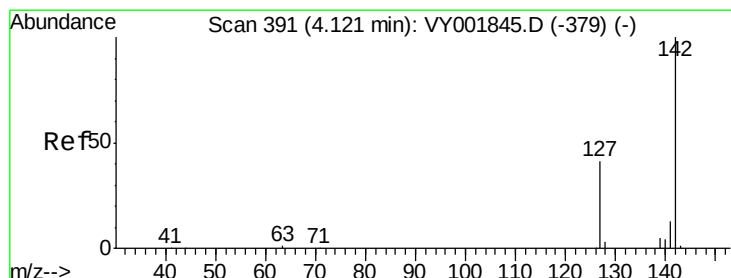
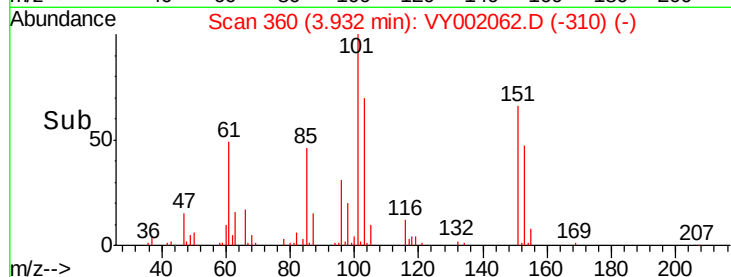
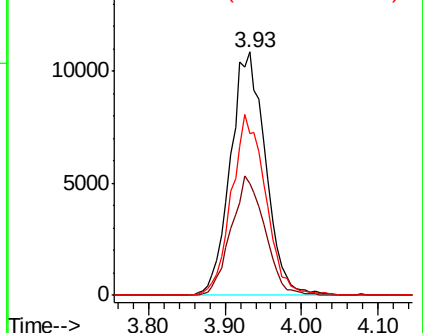
151 72.0 57.0 85.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.725 ug/l

RT: 4.12 min Scan# 391

Delta R.T. 0.00 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

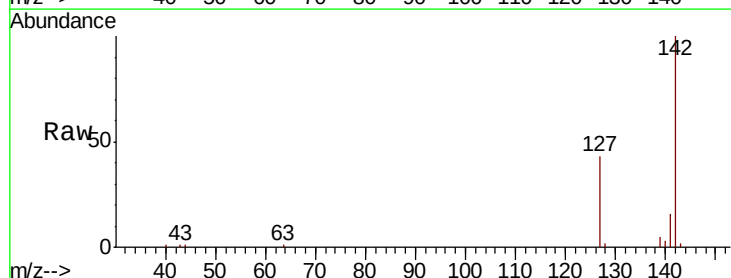
Tgt Ion:142 Resp: 37614

Ion Ratio Lower Upper

142 100

127 40.6 32.7 49.1

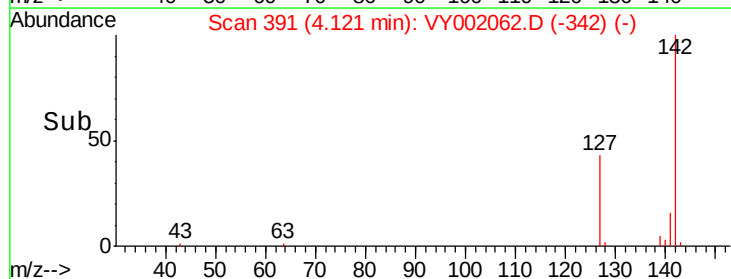
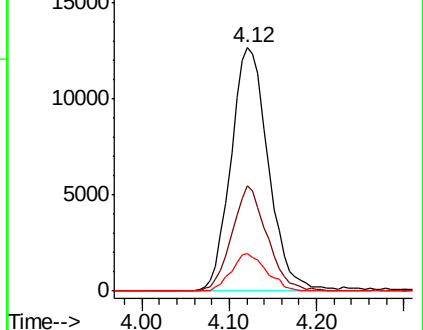
141 14.3 11.0 16.6

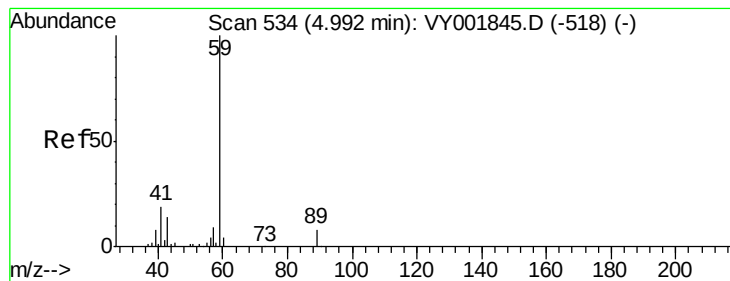


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



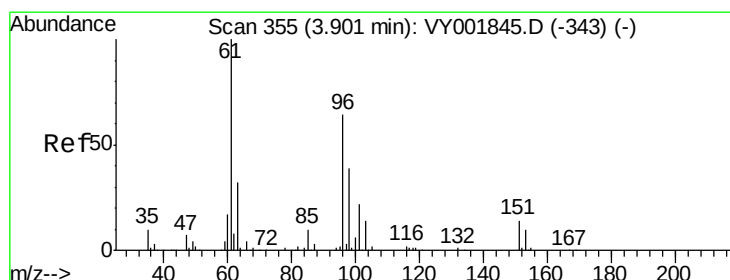
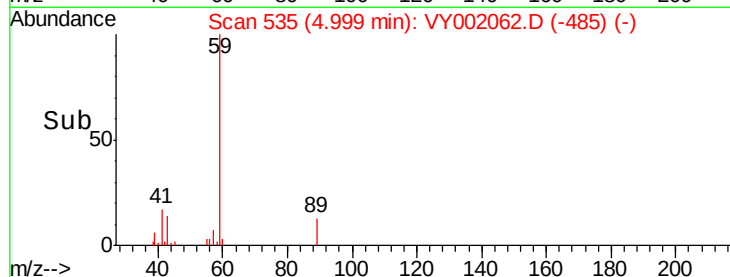
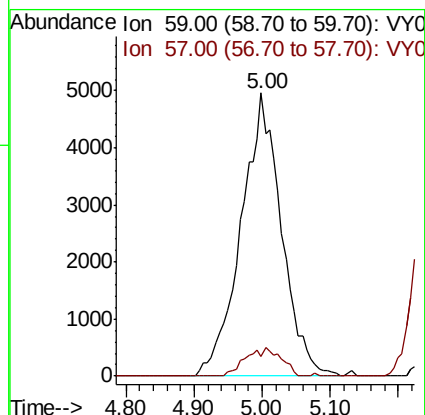
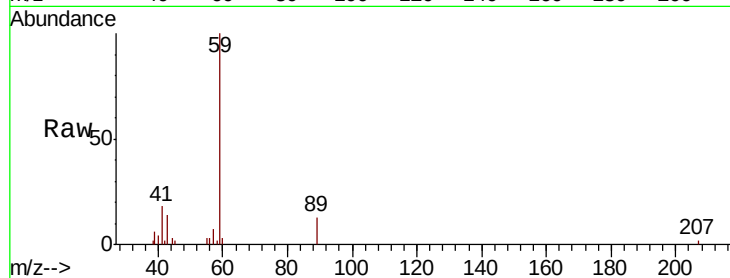


#11

Tert butyl alcohol
Concen: 103.726 ug/l
RT: 5.00 min Scan# 535
Delta R.T. 0.01 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

Instrument :
MSVOA_Y
ClientSampled :

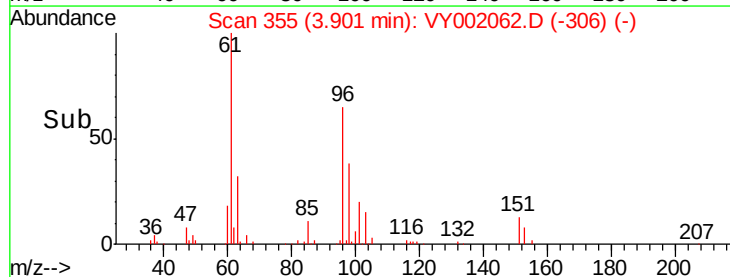
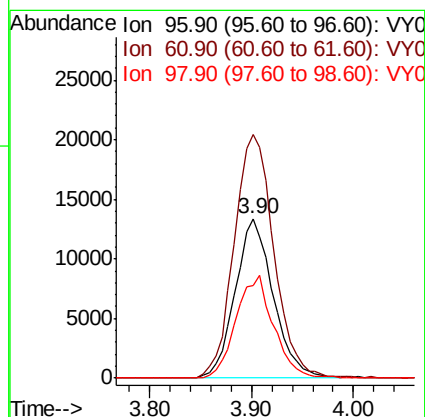
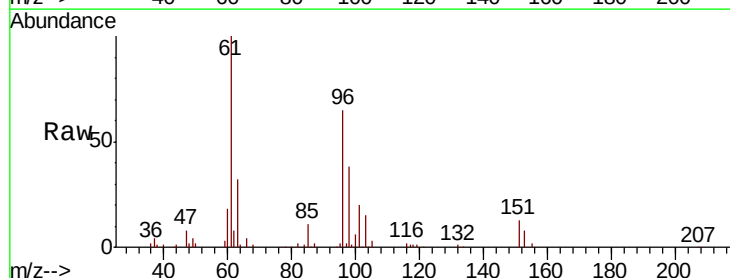
Tot Ion: 59 Resp: 20436
Ion Ratio Lower Upper
59 100
57 4.3 7.4 11.2#

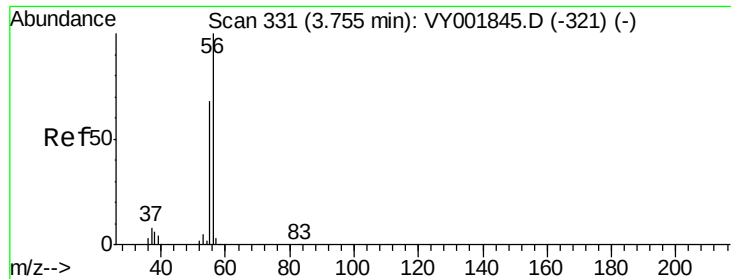


#12

1,1-Dichloroethene
Concen: 19.742 ug/l
RT: 3.90 min Scan# 355
Delta R.T. 0.00 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

Tgt Ion: 96 Resp: 34527
Ion Ratio Lower Upper
96 100
61 152.4 124.8 187.2
98 58.2 49.2 73.8





#13

Acrolein

Concen: 66.228 ug/l

RT: 3.76 min Scan# 332

Delta R.T. 0.01 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

Instrument :

MSVOA_Y

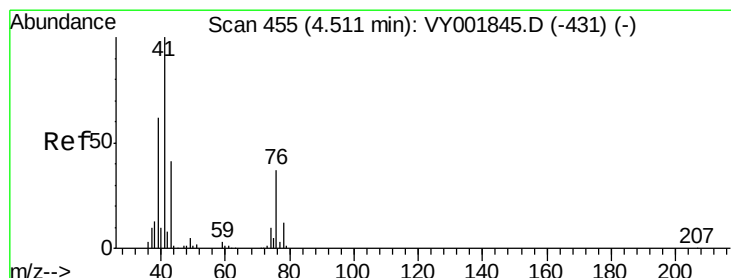
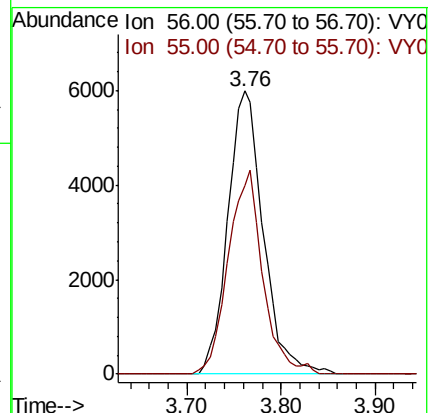
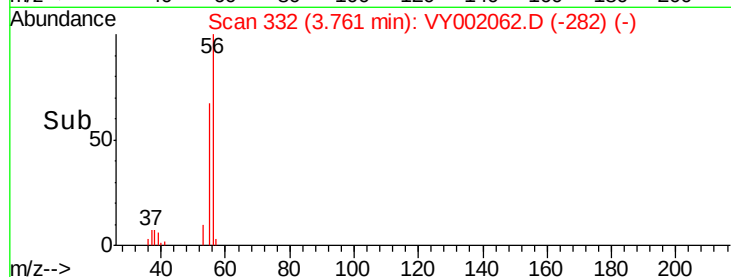
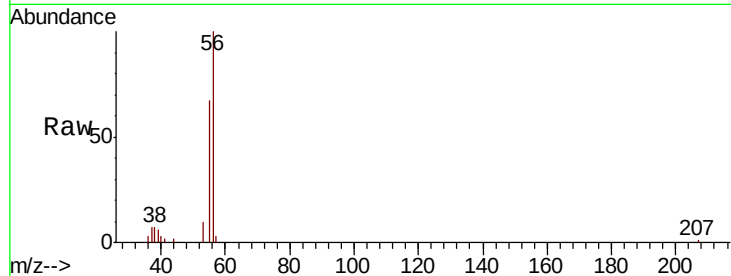
ClientSampleId :

Tot Ion: 56 Resp: 15629

Ion Ratio Lower Upper

56 100

55 70.2 54.0 81.0



#14

Allyl chloride

Concen: 20.515 ug/l

RT: 4.52 min Scan# 456

Delta R.T. 0.01 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

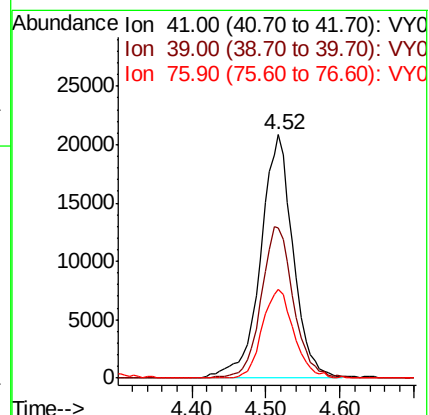
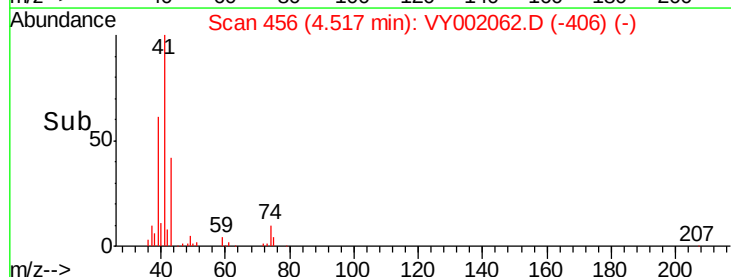
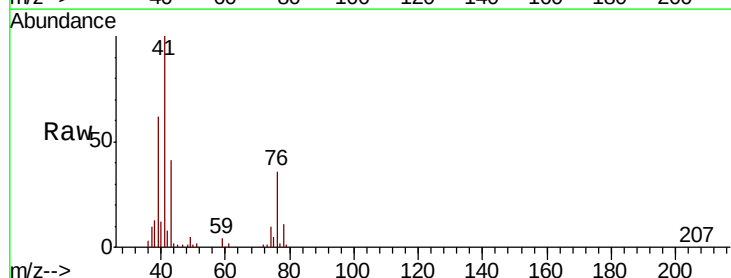
Tgt Ion: 41 Resp: 63607

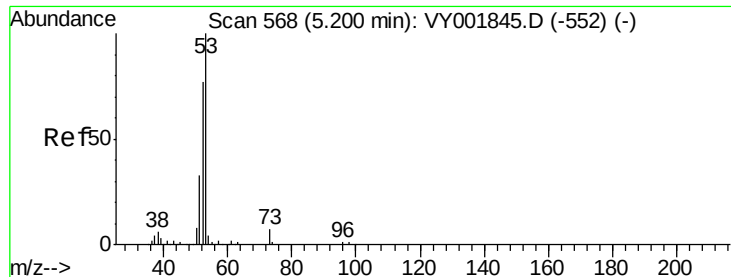
Ion Ratio Lower Upper

41 100

39 61.7 49.0 73.6

76 35.4 28.9 43.3





#15

Acrylonitrile

Concen: 102.487 ug/l

RT: 5.21 min Scan# 570

Delta R.T. 0.01 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

Instrument :

MSVOA_Y

ClientSampleId :

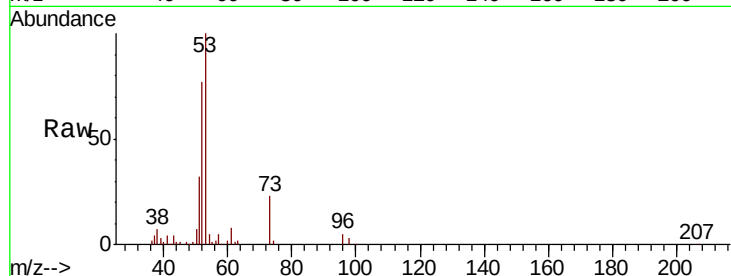
Tot Ion: 53 Resp: 58291

Ion Ratio Lower Upper

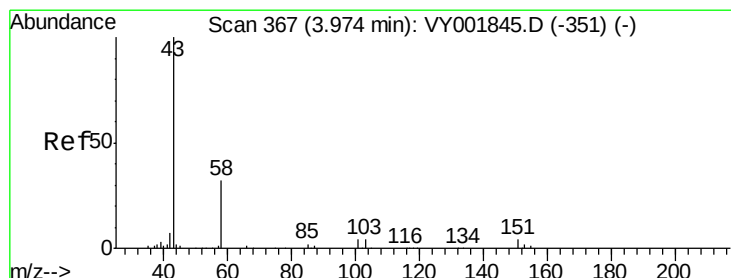
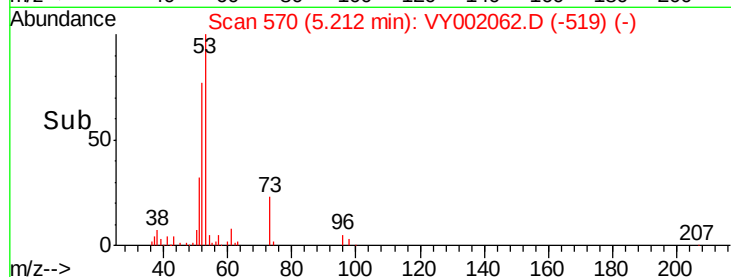
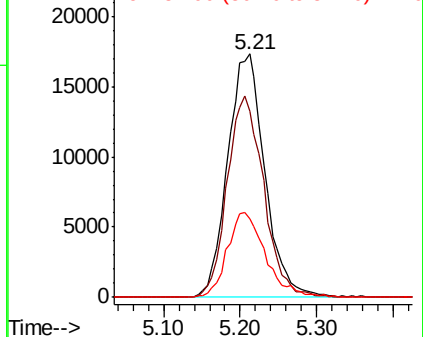
53 100

52 81.3 65.1 97.7

51 35.7 27.5 41.3



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



#16

Acetone

Concen: 101.210 ug/l

RT: 3.99 min Scan# 369

Delta R.T. 0.01 min

Lab File: VY002062.D

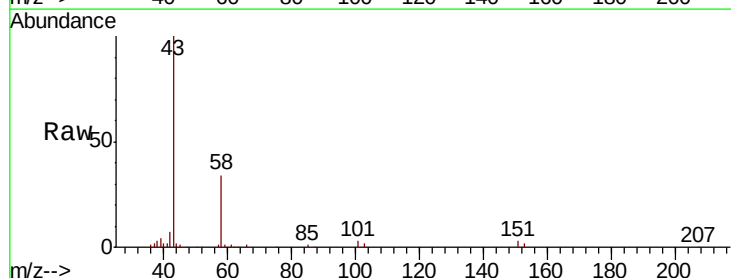
Acq: 25 Mar 2020 13:32

Tgt Ion: 43 Resp: 49504

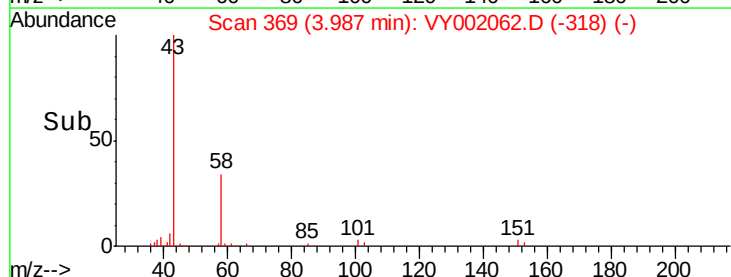
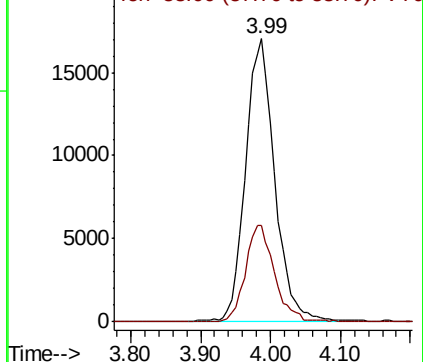
Ion Ratio Lower Upper

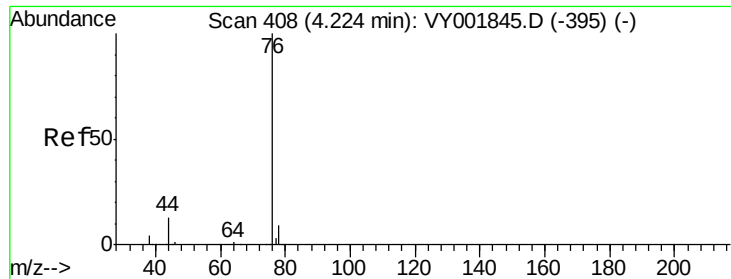
43 100

58 34.1 25.9 38.9



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

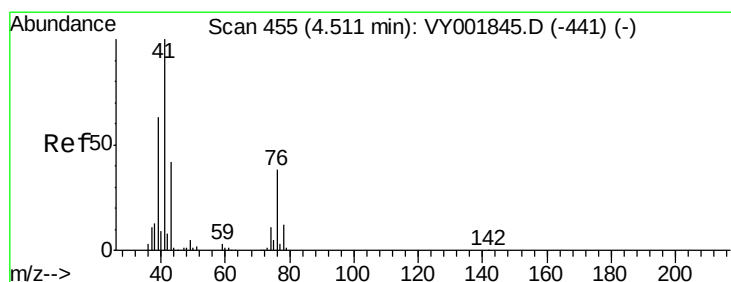
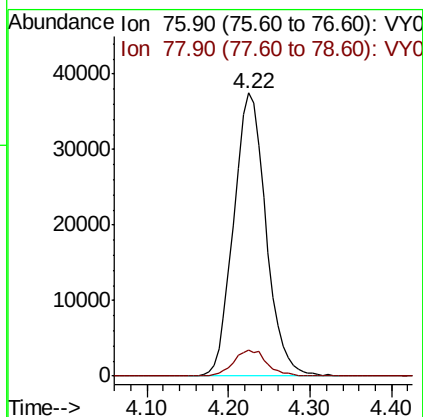
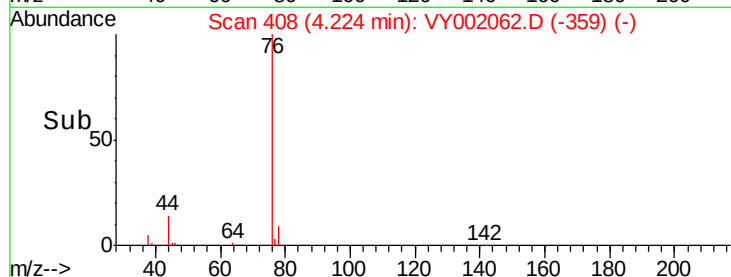
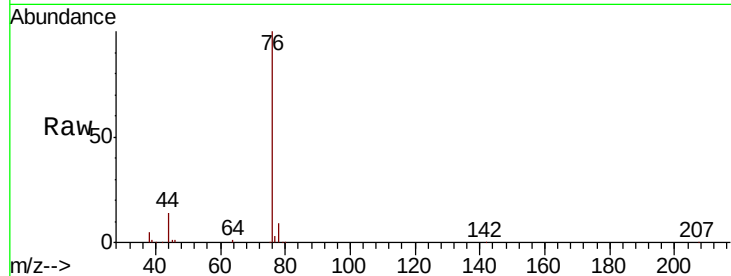




#17
Carbon Disulfide
Concen: 17.509 ug/l
RT: 4.22 min Scan# 408
Delta R.T. 0.00 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

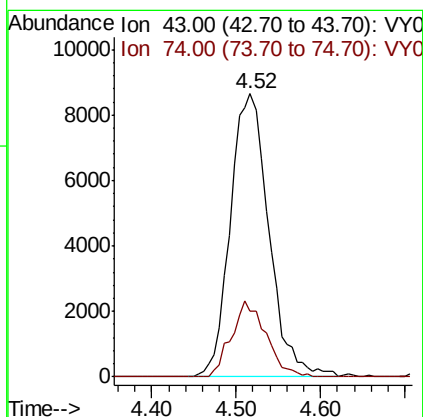
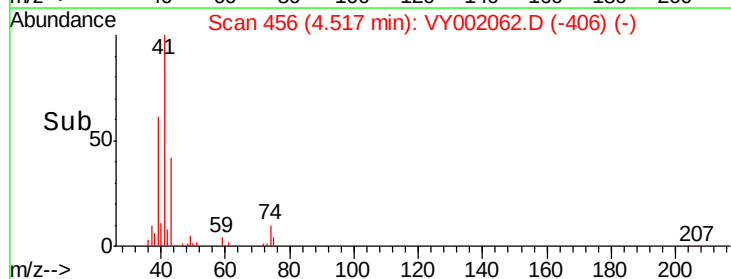
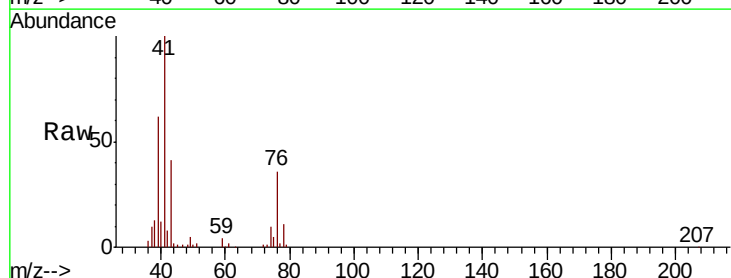
Instrument :
MSVOA_Y
ClientSampleId :

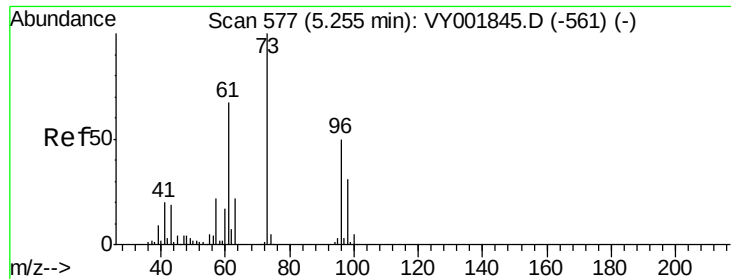
Tot Ion: 76 Resp: 102939
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2



#18
Methyl Acetate
Concen: 21.325 ug/l
RT: 4.52 min Scan# 456
Delta R.T. 0.01 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

Tgt Ion: 43 Resp: 26801
Ion Ratio Lower Upper
43 100
74 24.2 19.0 28.6

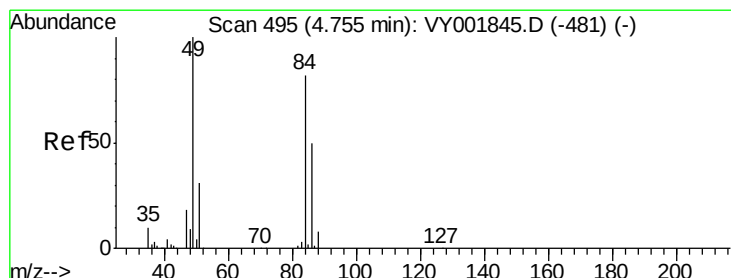
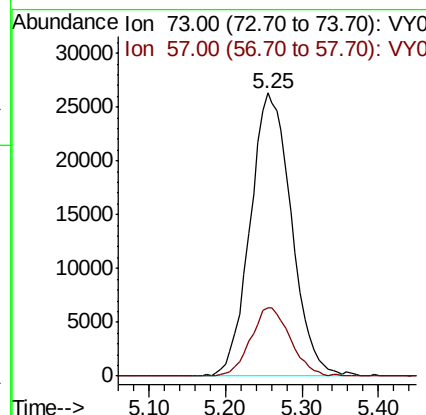
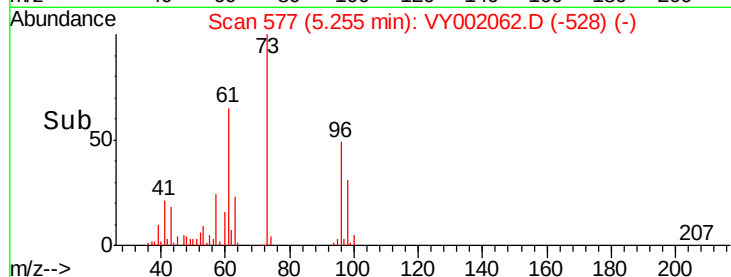
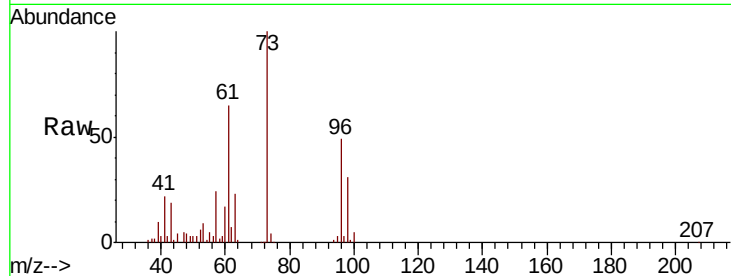




#19
Methyl tert-butyl Ether
Concen: 20.785 ug/l
RT: 5.25 min Scan# 577
Delta R.T. 0.00 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

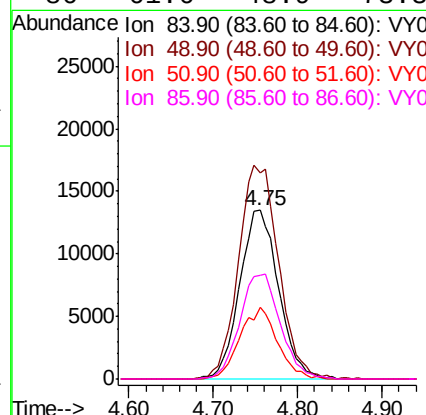
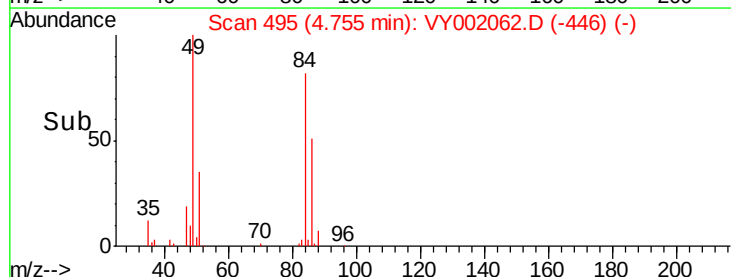
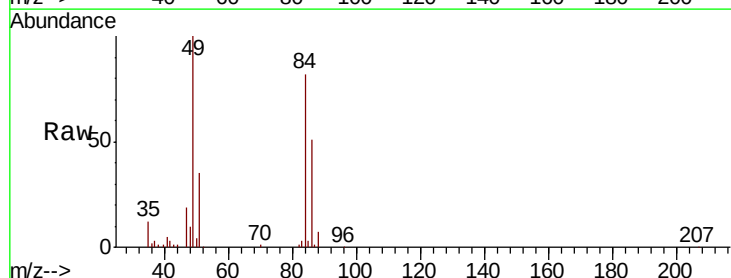
Instrument :
MSVOA_Y
ClientSampleId :

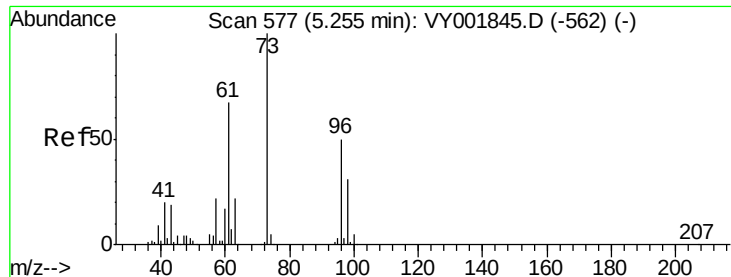
Tot Ion: 73 Resp: 98512
Ion Ratio Lower Upper
73 100
57 24.0 17.4 26.2



#20
Methylene Chloride
Concen: 20.090 ug/l
RT: 4.75 min Scan# 495
Delta R.T. 0.00 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

Tgt Ion: 84 Resp: 42114
Ion Ratio Lower Upper
84 100
49 121.8 98.2 147.2
51 42.1 30.2 45.2
86 61.6 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 19.928 ug/l

RT: 5.25 min Scan# 577

Delta R.T. 0.00 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

Instrument :

MSVOA_Y

ClientSampleId :

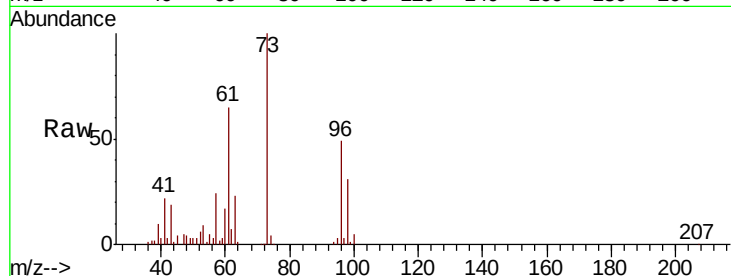
Tot Ion: 96 Resp: 39560

Ion Ratio Lower Upper

96 100

61 132.7 107.7 161.5

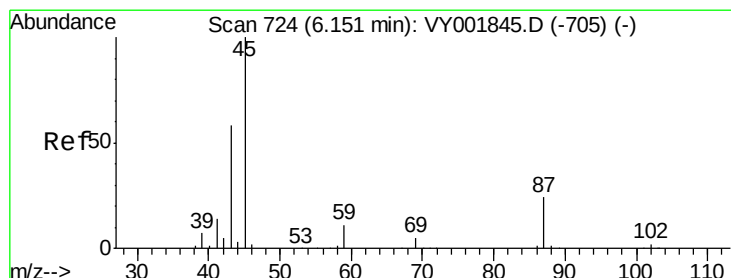
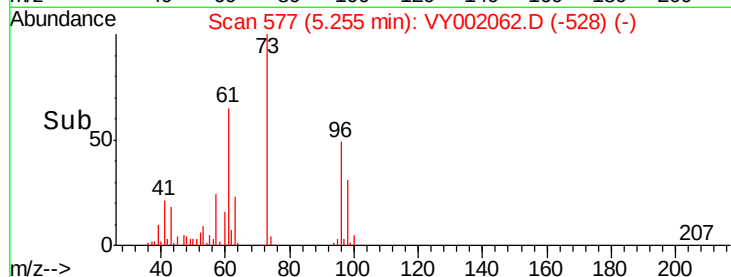
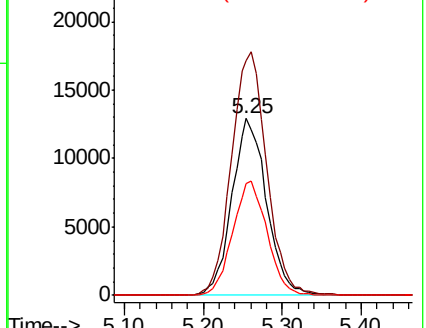
98 63.2 49.3 73.9



Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 21.121 ug/l

RT: 6.15 min Scan# 724

Delta R.T. 0.00 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

Tgt Ion: 45 Resp: 134233

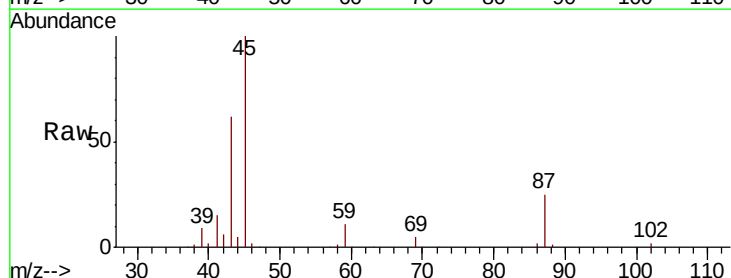
Ion Ratio Lower Upper

45 100

43 61.8 47.2 70.8

87 25.0 19.8 29.8

59 11.5 8.8 13.2

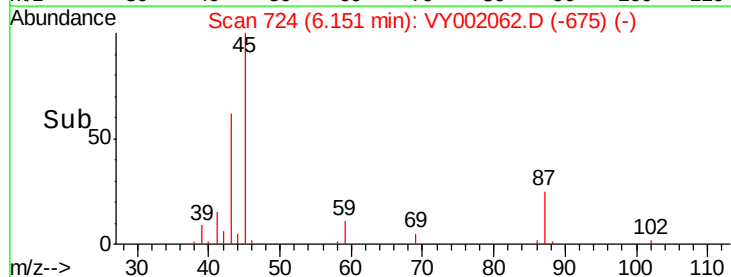
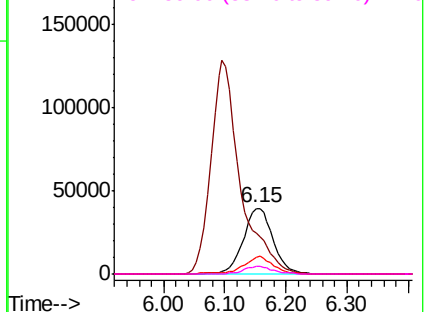


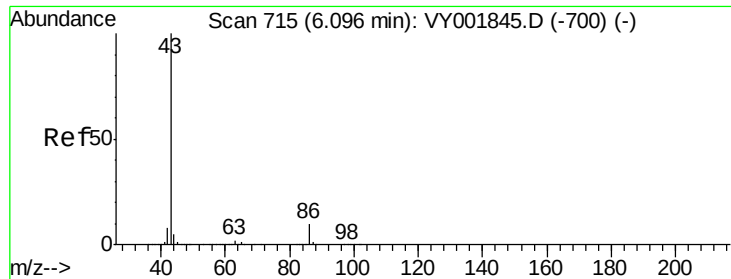
Abundance Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 103.230 ug/l

RT: 6.10 min Scan# 715

Delta R.T. 0.00 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

Instrument :

MSVOA_Y

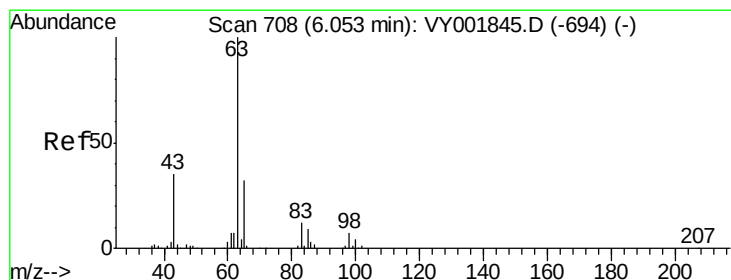
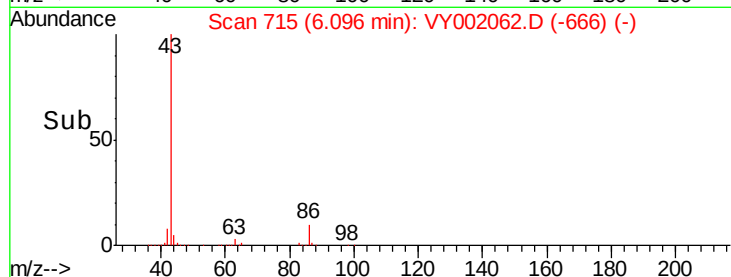
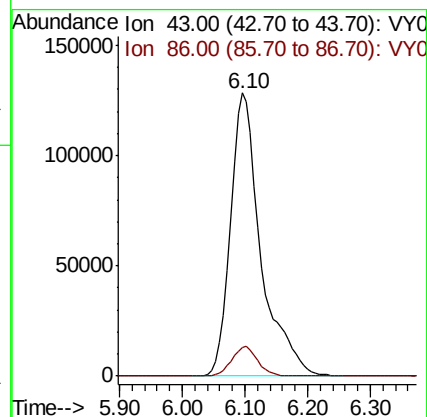
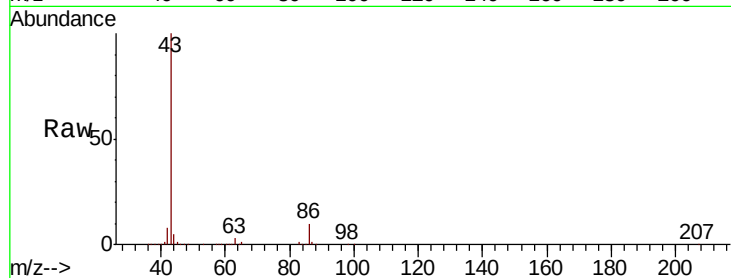
ClientSampled :

Tot Ion: 43 Resp: 430107

Ion Ratio Lower Upper

43 100

86 10.1 7.8 11.8



#24

1,1-Dichloroethane

Concen: 20.438 ug/l

RT: 6.05 min Scan# 708

Delta R.T. 0.00 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

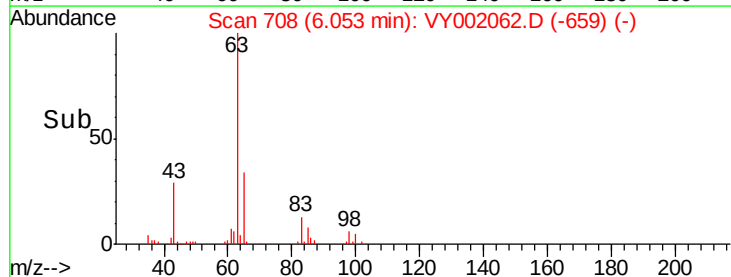
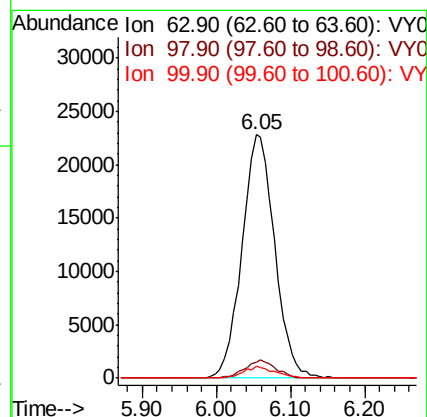
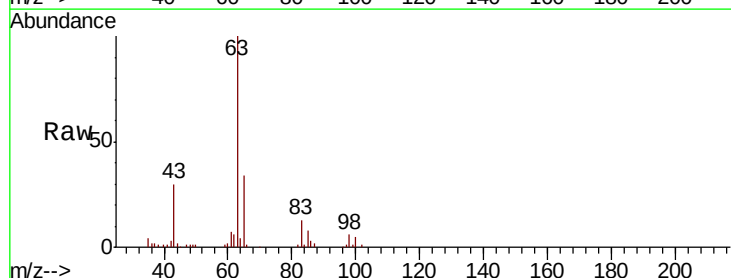
Tgt Ion: 63 Resp: 70343

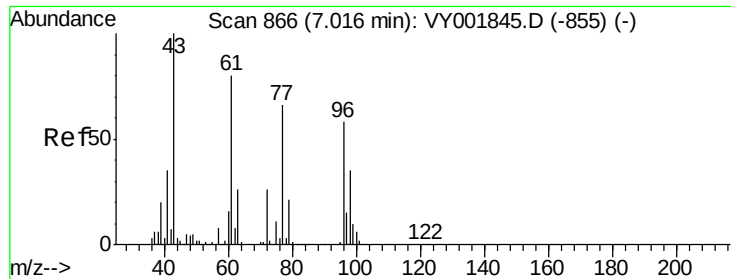
Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.2

100 4.9 2.0 6.0





#25

2-Butanone

Concen: 103.257 ug/l

RT: 7.02 min Scan# 867

Delta R.T. 0.01 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

Instrument :

MSVOA_Y

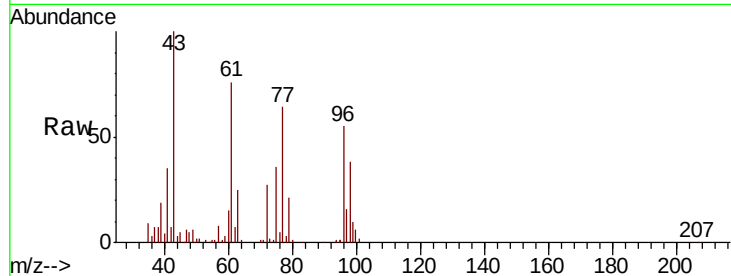
ClientSampled :

Tot Ion: 43 Resp: 76805

Ion Ratio Lower Upper

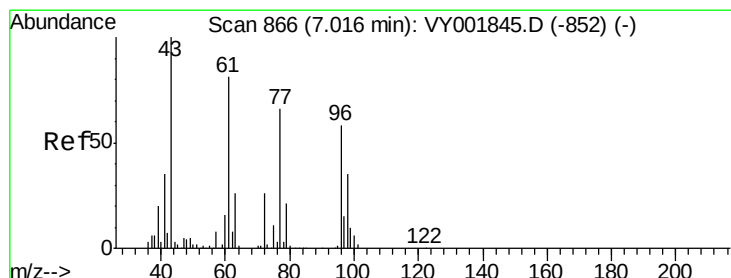
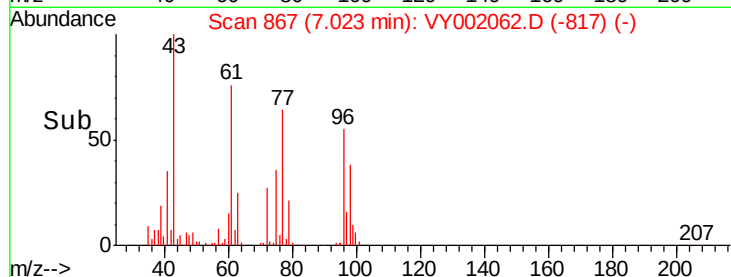
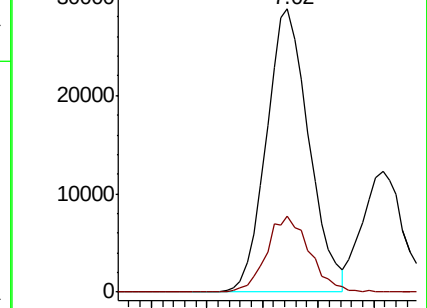
43 100

72 26.9 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 21.006 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.00 min

Lab File: VY002062.D

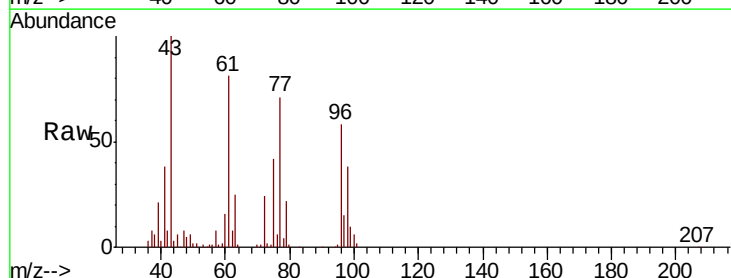
Acq: 25 Mar 2020 13:32

Tgt Ion: 77 Resp: 59338

Ion Ratio Lower Upper

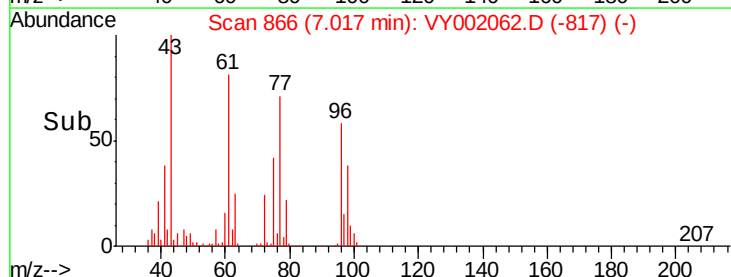
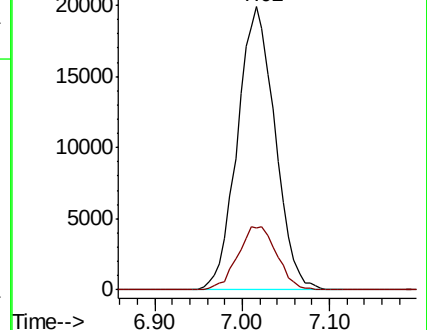
77 100

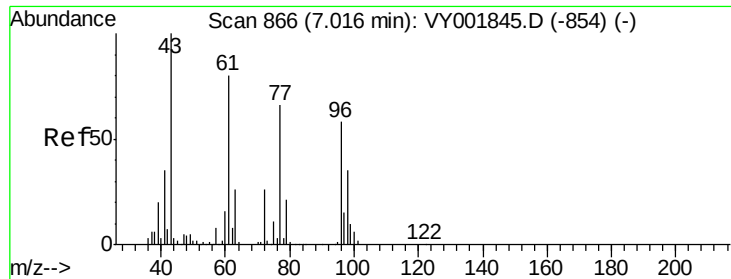
97 23.2 11.9 35.7



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



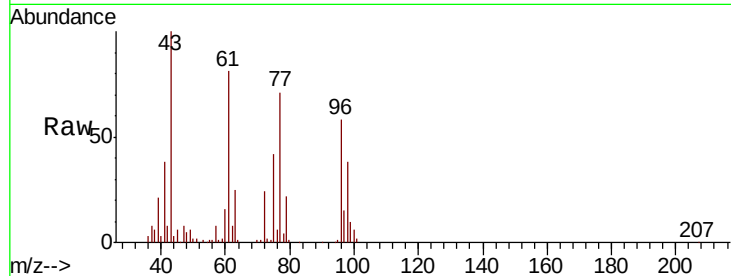


#27

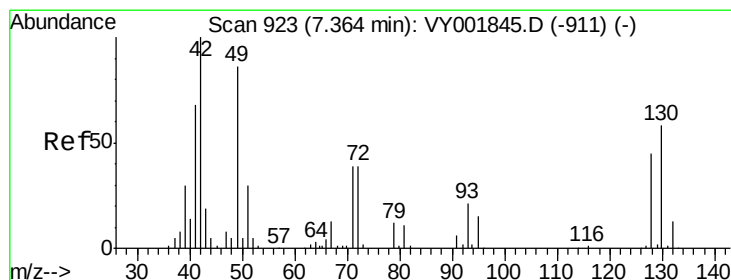
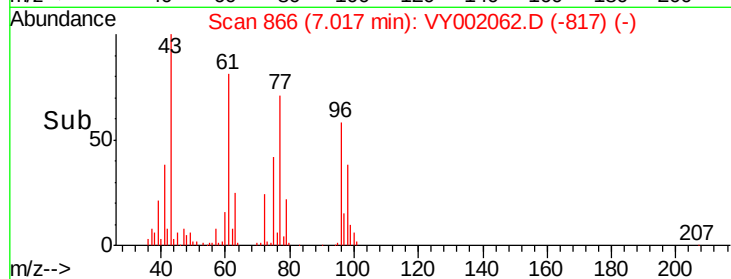
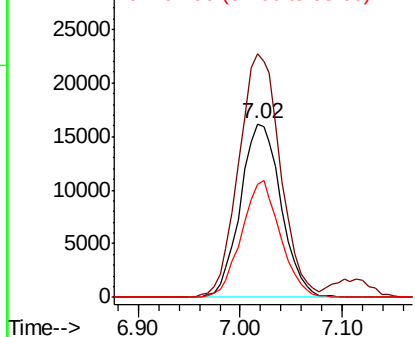
cis-1,2-Dichloroethene
Concen: 20.691 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.00 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 96 Resp: 44678
Ion Ratio Lower Upper
96 100
61 143.9 0.0 288.2
98 64.5 0.0 129.0



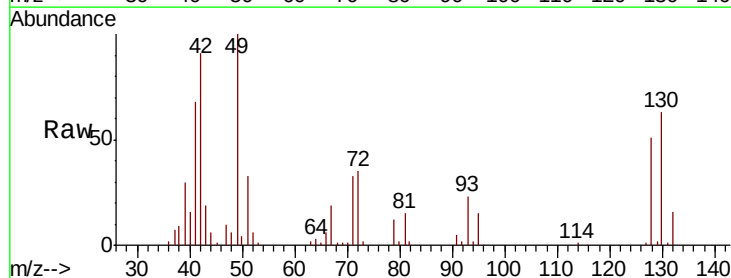
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



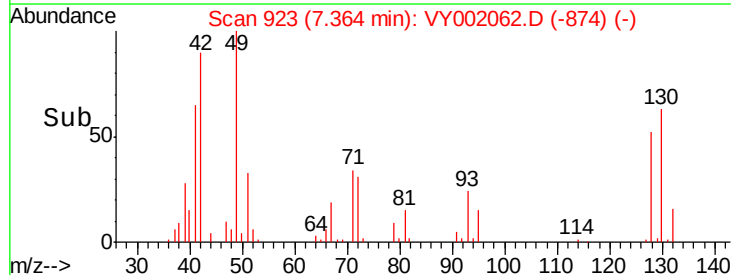
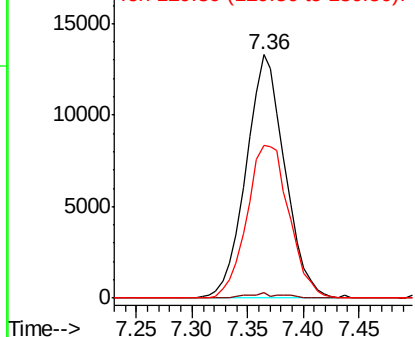
#28

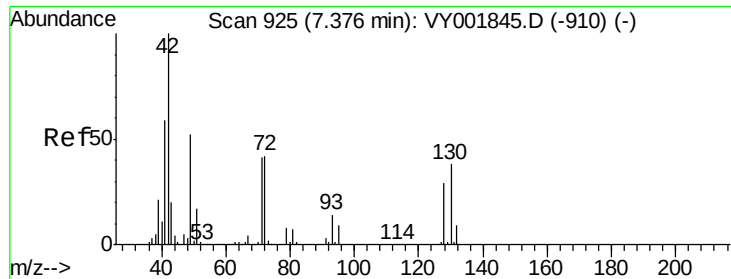
Bromochloromethane
Concen: 20.774 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.00 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

Tgt Ion: 49 Resp: 32227
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.8
130 68.5 54.4 81.6



Abundance Ion 48.90 (48.60 to 49.60): VY0
Ion 128.80 (128.50 to 129.50): VY0
Ion 129.80 (129.50 to 130.50): VY0

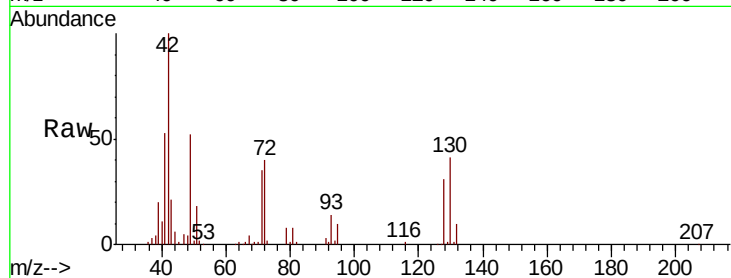




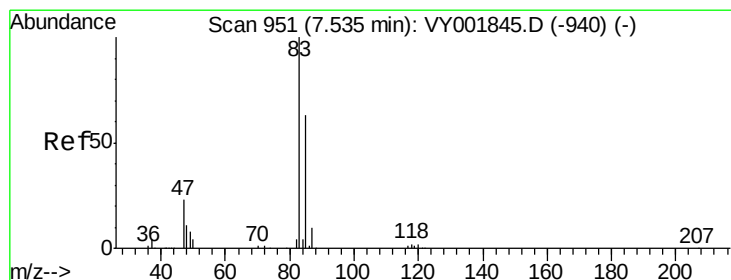
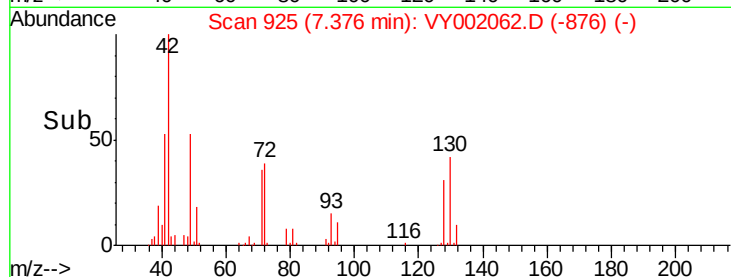
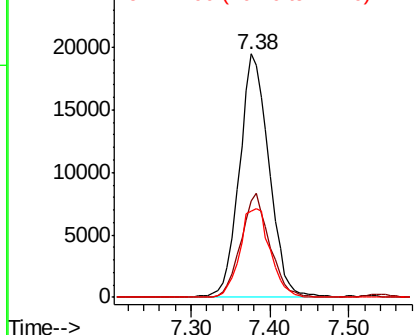
#29
Tetrahydrofuran
Concen: 102.819 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.00 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 42 Resp: 50787
Ion Ratio Lower Upper
42 100
72 41.2 33.5 50.3
71 37.3 31.3 46.9

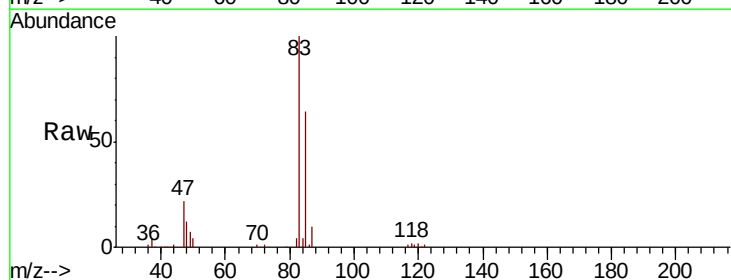


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

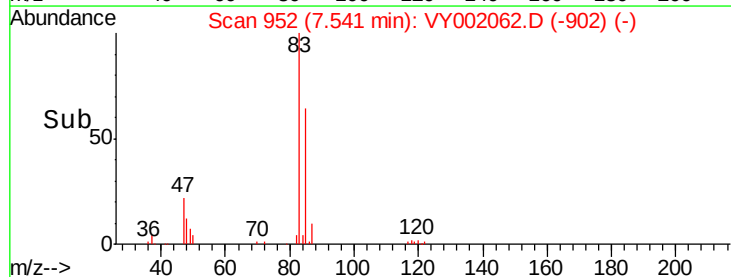
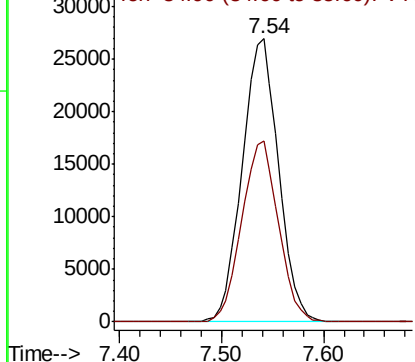


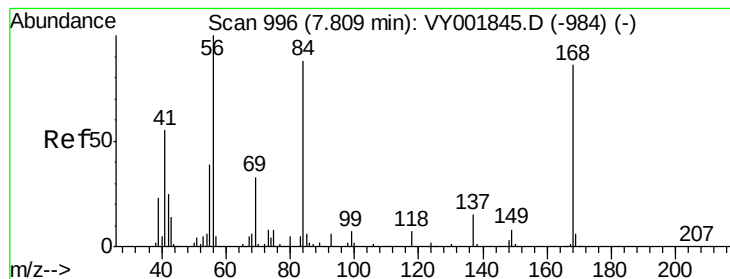
#30
Chloroform
Concen: 20.636 ug/l
RT: 7.54 min Scan# 952
Delta R.T. 0.01 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

Tgt Ion: 83 Resp: 66730
Ion Ratio Lower Upper
83 100
85 63.8 50.7 76.1



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





#31

Cyclohexane

Concen: 19.561 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

Instrument :
MSVOA_Y
ClientSampled :

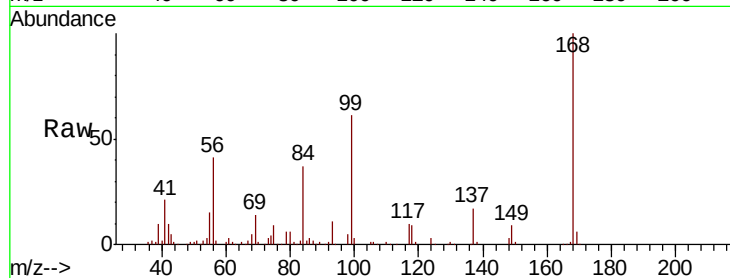
Tot Ion: 56 Resp: 72187

Ion Ratio Lower Upper

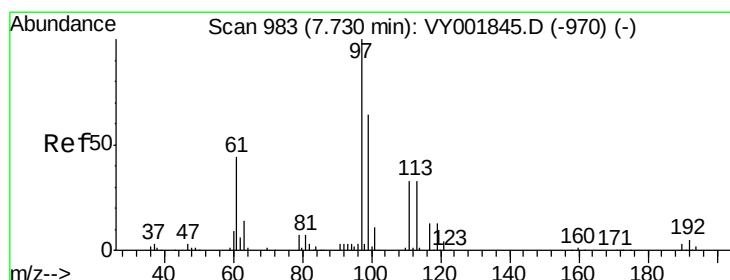
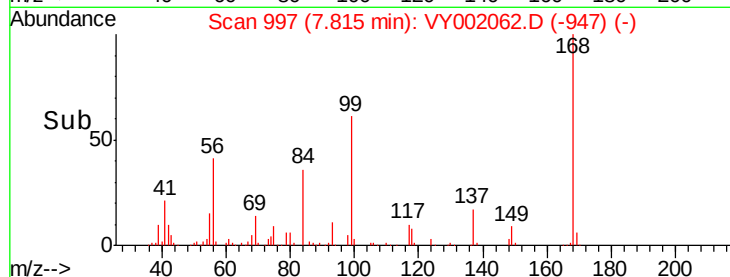
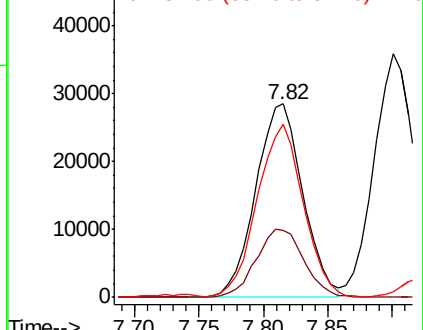
56 100

69 34.4 26.7 40.1

84 88.3 70.4 105.6



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



#32

1,1,1-Trichloroethane

Concen: 20.653 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

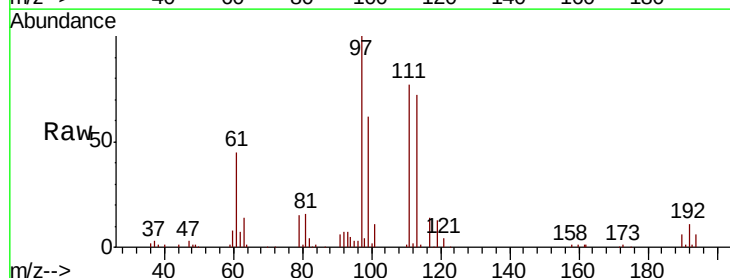
Tgt Ion: 97 Resp: 56287

Ion Ratio Lower Upper

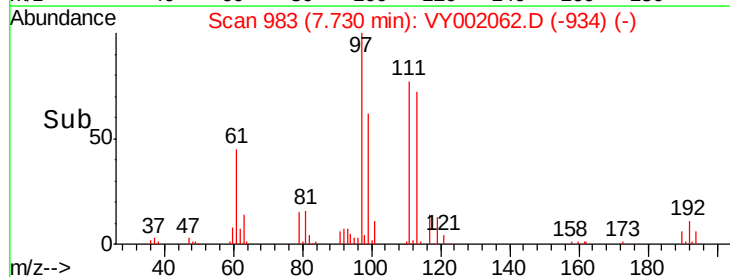
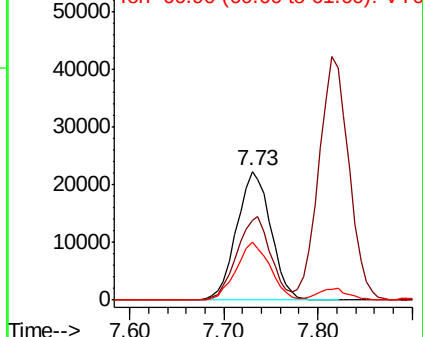
97 100

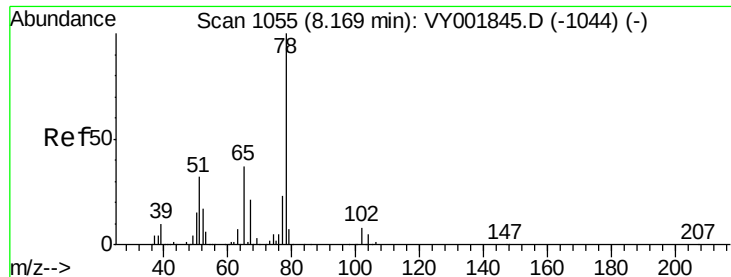
99 64.2 52.0 78.0

61 44.7 35.0 52.4



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0

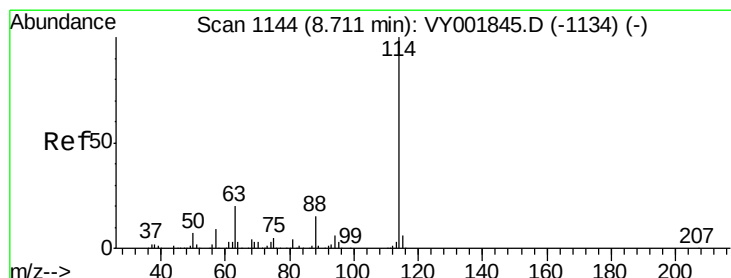
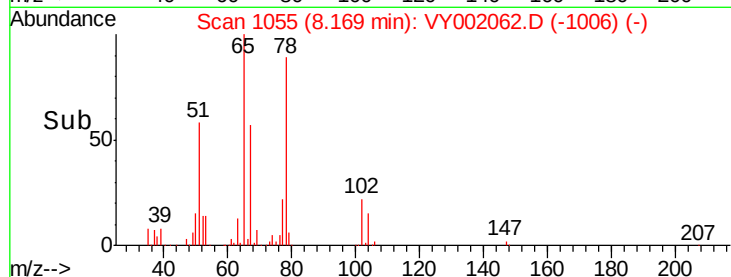
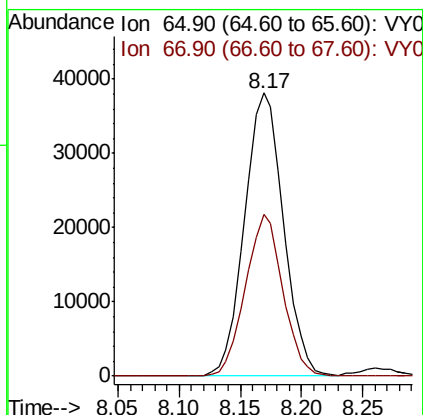
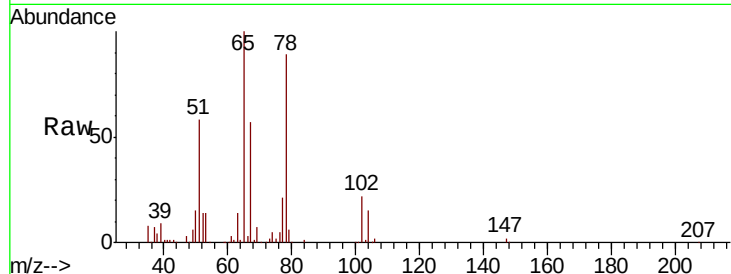




#33
 1,2-Dichloroethane-d4
 Concen: 50.346 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: VY002062.D
 Acq: 25 Mar 2020 13:32

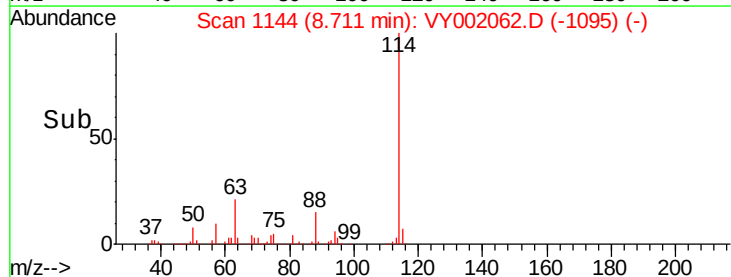
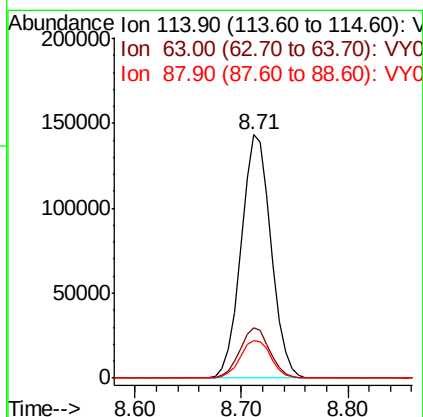
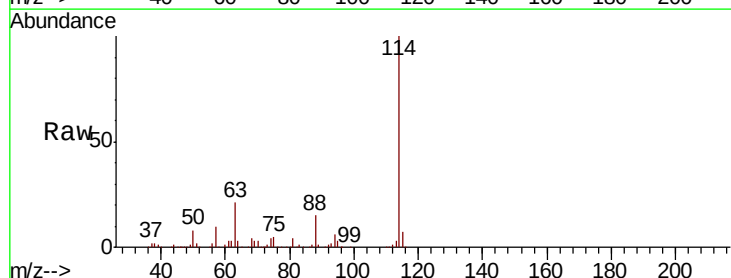
Instrument :
 MSVOA_Y
 ClientSampleId :

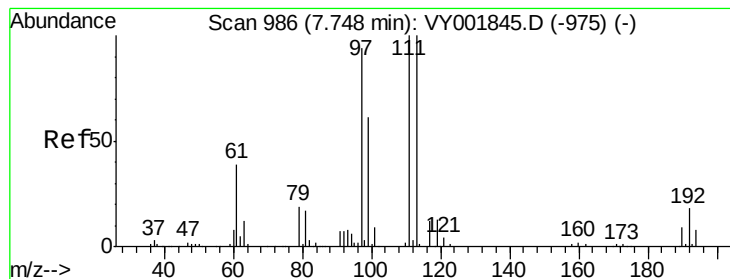
Tot Ion: 65 Resp: 84548
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: VY002062.D
 Acq: 25 Mar 2020 13:32

Tgt Ion: 114 Resp: 283035
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 39.4
 88 15.4 0.0 30.4





#35

Dibromofluoromethane

Concen: 50.937 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.00 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

Instrument :

MSVOA_Y

ClientSampled :

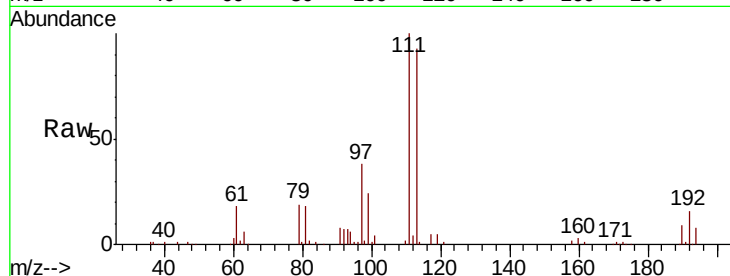
Tot Ion:113 Resp: 78723

Ion Ratio Lower Upper

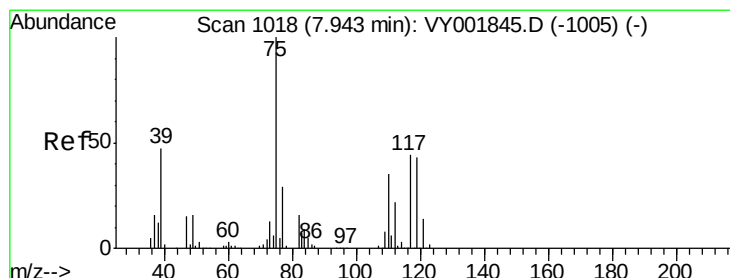
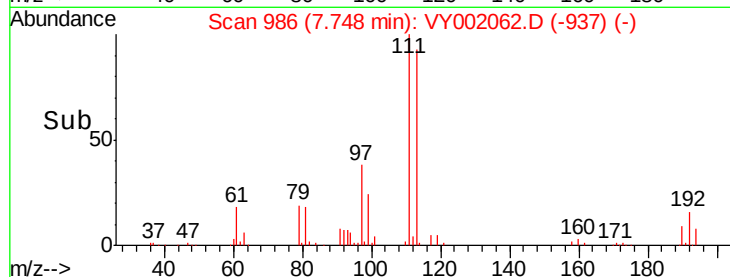
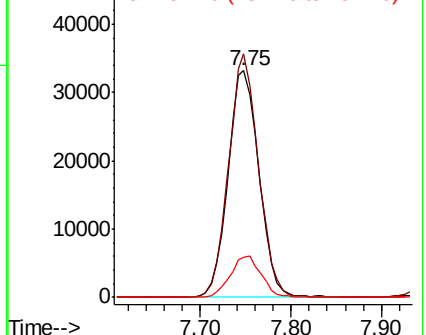
113 100

111 103.2 81.8 122.8

192 18.0 14.2 21.2



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



#36

1,1-Dichloropropene

Concen: 20.224 ug/l

RT: 7.94 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

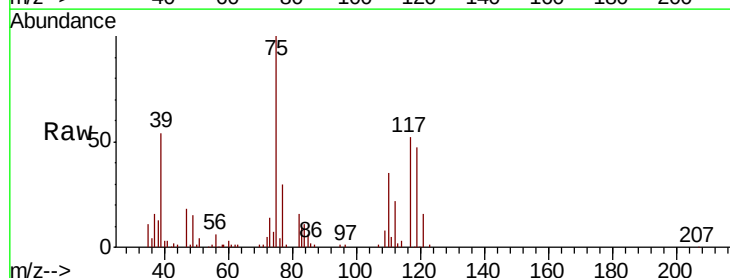
Tgt Ion: 75 Resp: 55082

Ion Ratio Lower Upper

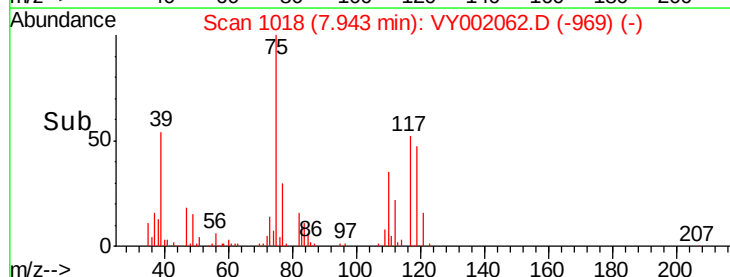
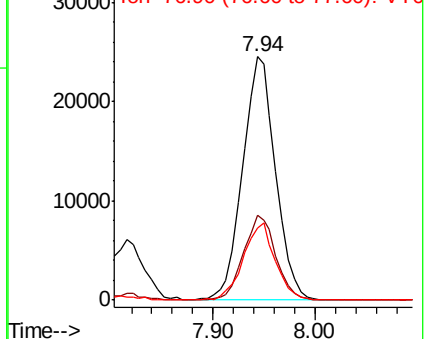
75 100

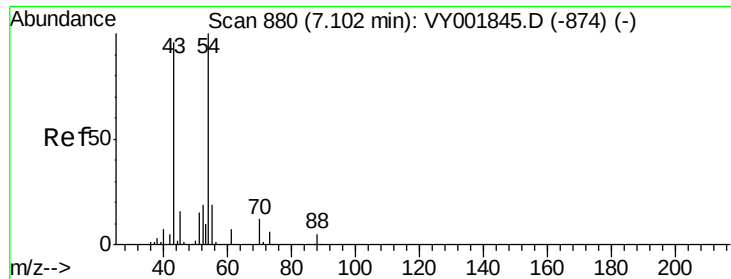
110 34.1 17.4 52.2

77 30.8 24.2 36.2



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

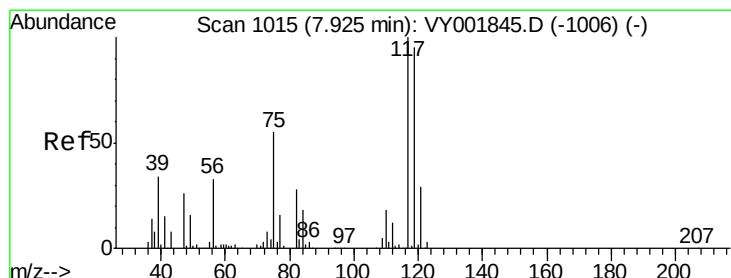
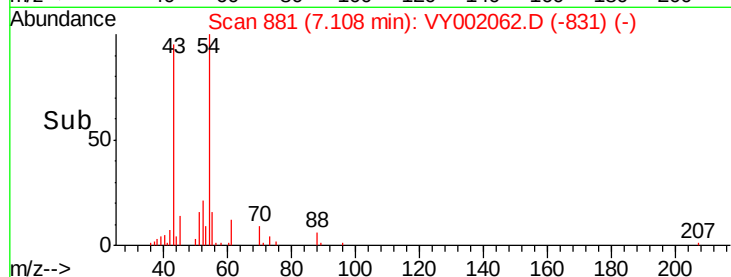
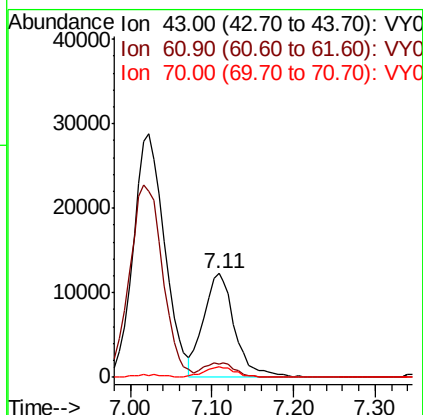
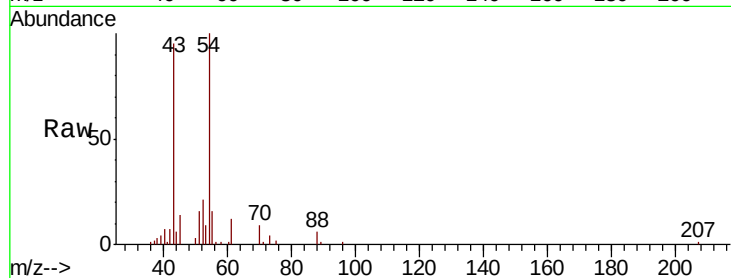




#37
Ethyl Acetate
Concen: 20.758 ug/l
RT: 7.11 min Scan# 881
Delta R.T. 0.01 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

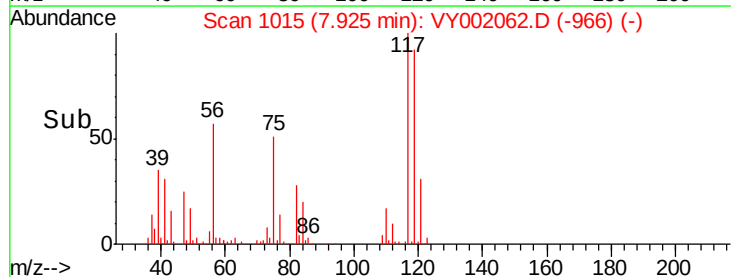
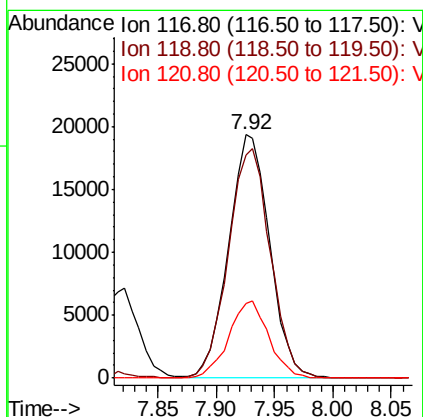
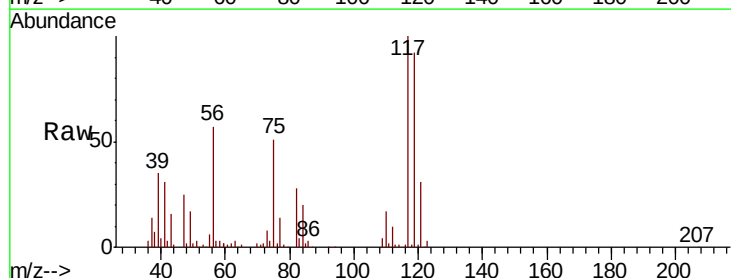
Instrument :
MSVOA_Y
ClientSampleId :

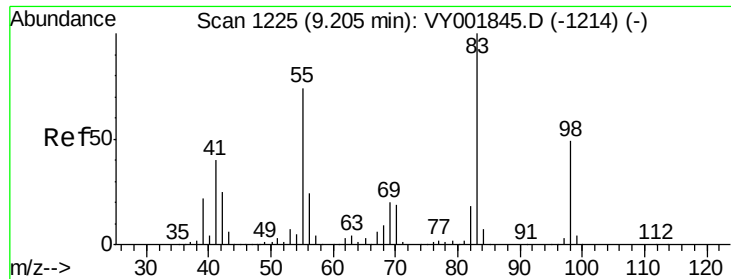
Tot Ion: 43 Resp: 32859
Ion Ratio Lower Upper
43 100
61 14.2 11.1 16.7
70 10.3 8.2 12.4



#38
Carbon Tetrachloride
Concen: 20.407 ug/l
RT: 7.92 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

Tgt Ion: 117 Resp: 47480
Ion Ratio Lower Upper
117 100
119 91.7 76.3 114.5
121 30.8 23.5 35.3

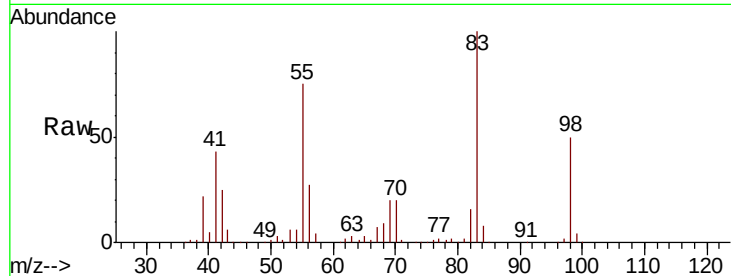




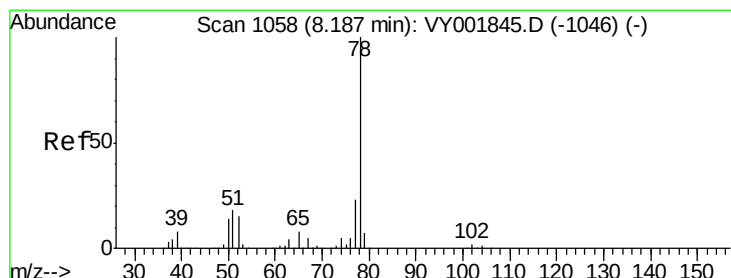
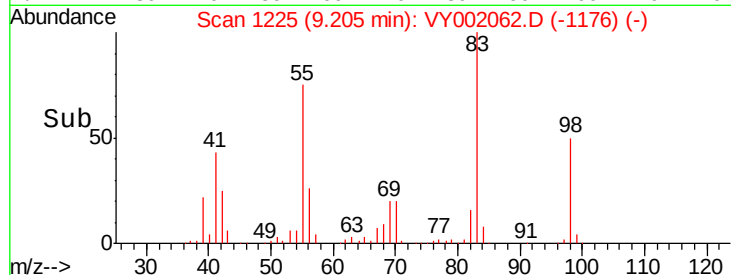
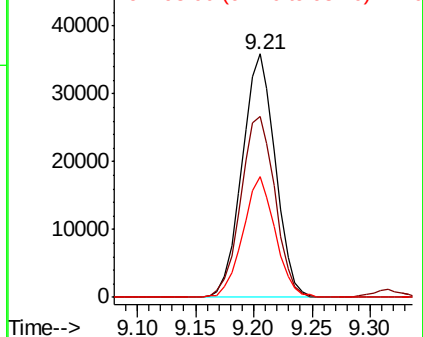
#39
Methylvlcyclohexane
Concen: 19.772 ug/l
RT: 9.21 min Scan# 1225
Delta R.T. 0.00 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 83 Resp: 71426
Ion Ratio Lower Upper
83 100
55 74.5 59.4 89.0
98 49.8 38.9 58.3

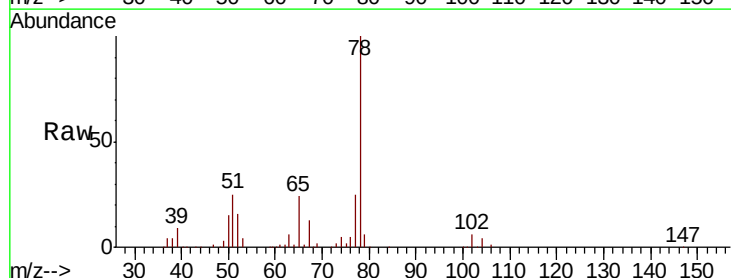


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

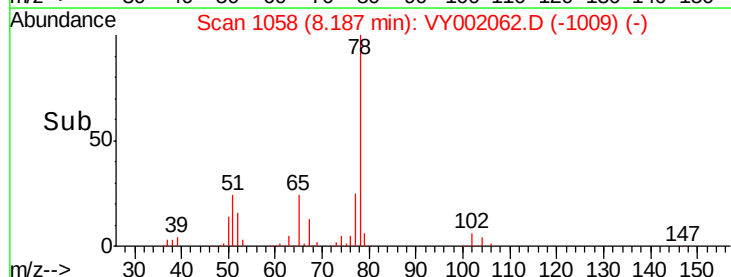
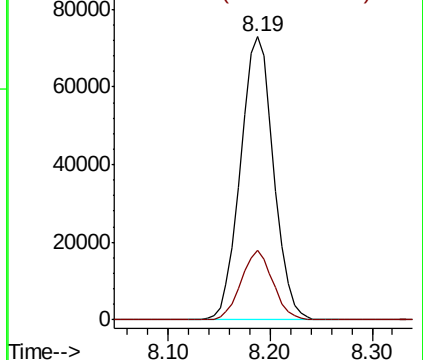


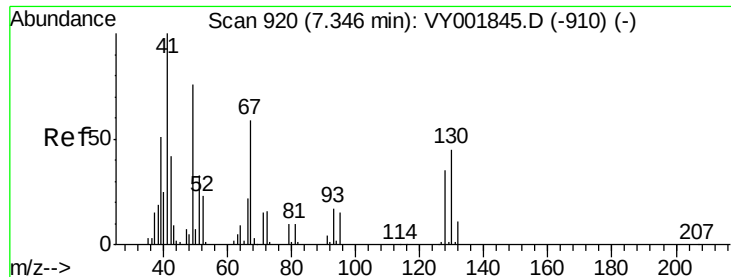
#40
Benzene
Concen: 20.351 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. 0.00 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

Tgt Ion: 78 Resp: 164295
Ion Ratio Lower Upper
78 100
77 24.7 18.7 28.1



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

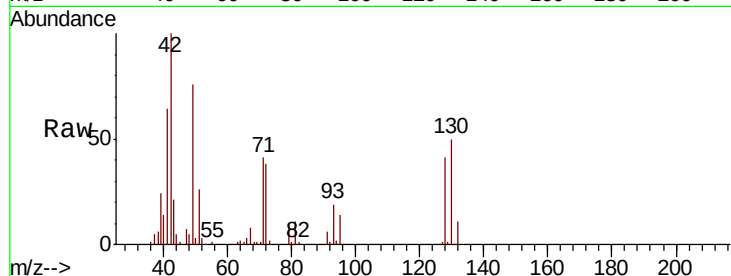




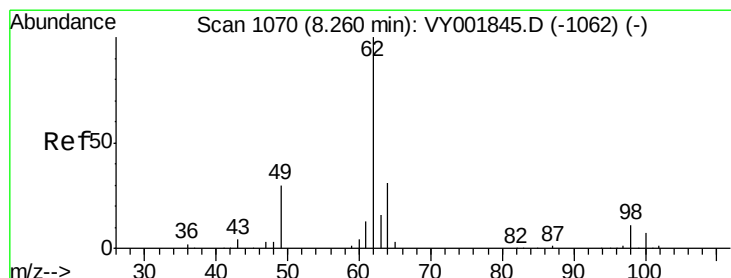
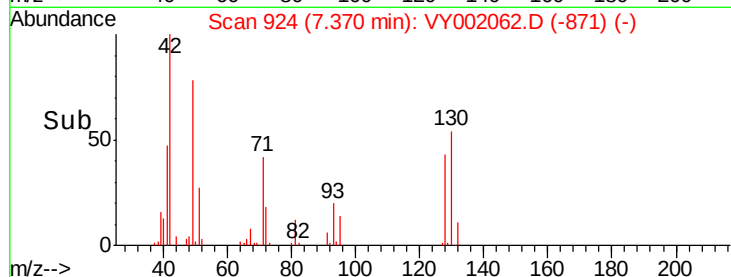
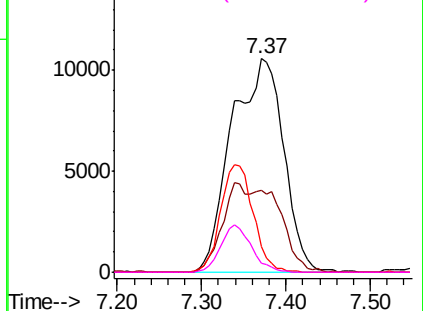
#41
Methacrylonitrile
Concen: 62.616 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.03 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 41 Resp: 44608
Ion Ratio Lower Upper
41 100
39 0.0 111.7 167.5#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

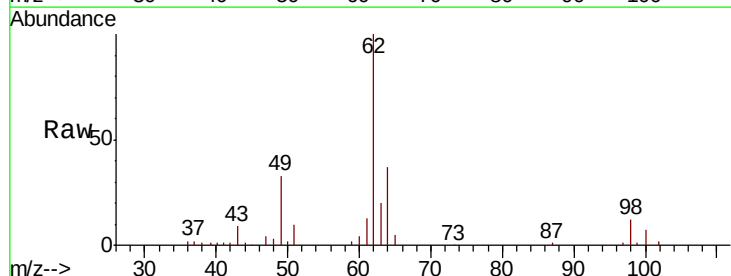


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

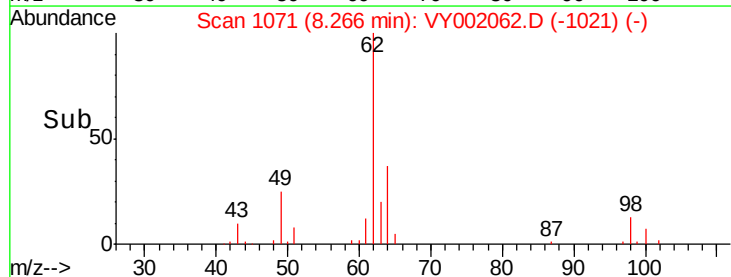
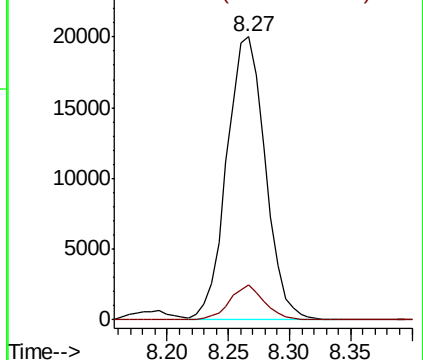


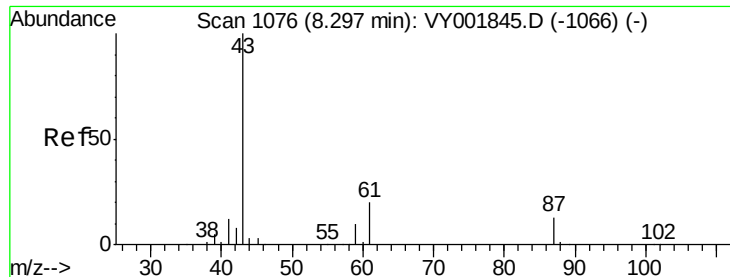
#42
1,2-Dichloroethane
Concen: 21.009 ug/l
RT: 8.27 min Scan# 1071
Delta R.T. 0.01 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

Tgt Ion: 62 Resp: 43705
Ion Ratio Lower Upper
62 100
98 11.0 0.0 21.4



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





#43

Isopropyl Acetate

Concen: 20.879 ug/l

RT: 8.30 min Scan# 1076

Delta R.T. 0.00 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

Instrument :

MSVOA_Y

ClientSampleId :

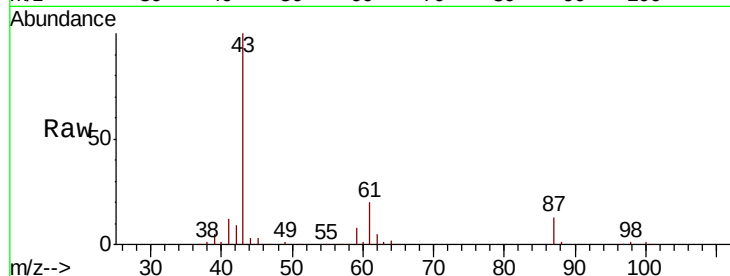
Tot Ion: 43 Resp: 62574

Ion Ratio Lower Upper

43 100

61 29.3 23.8 35.6

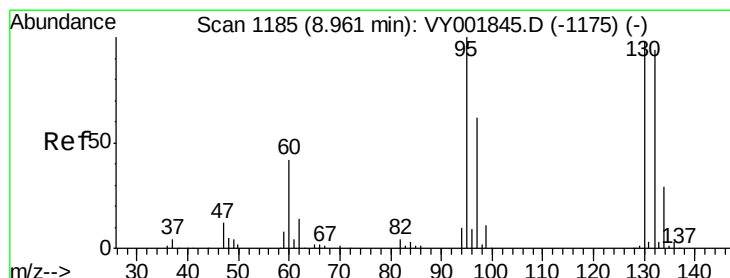
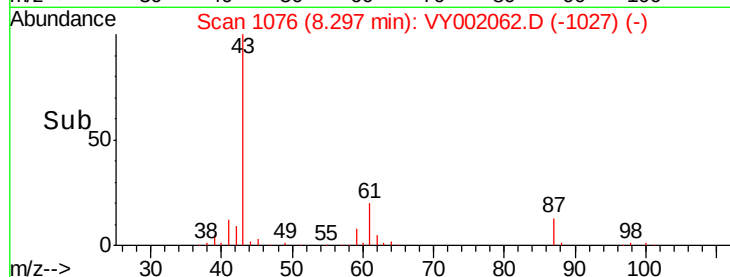
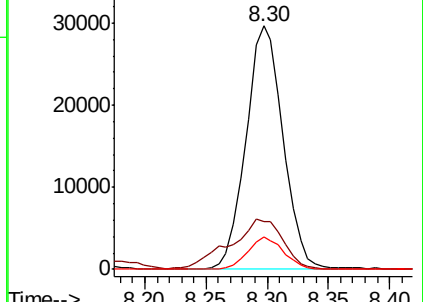
87 12.7 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VY001845.D (-1066) (-)

Ion 61.00 (60.70 to 61.70): VY001845.D (-1066) (-)

Ion 87.00 (86.70 to 87.70): VY001845.D (-1066) (-)



#44

Trichloroethene

Concen: 20.051 ug/l

RT: 8.96 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VY002062.D

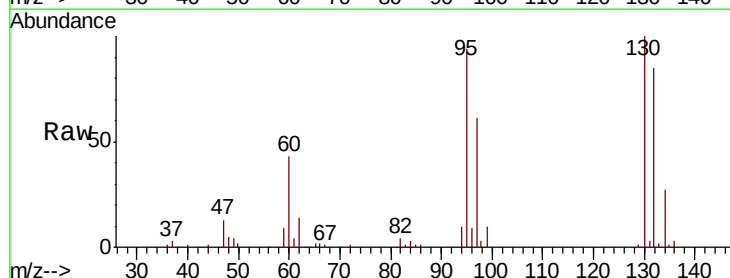
Acq: 25 Mar 2020 13:32

Tgt Ion:130 Resp: 39422

Ion Ratio Lower Upper

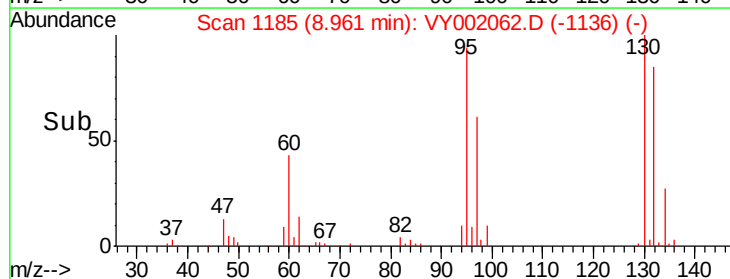
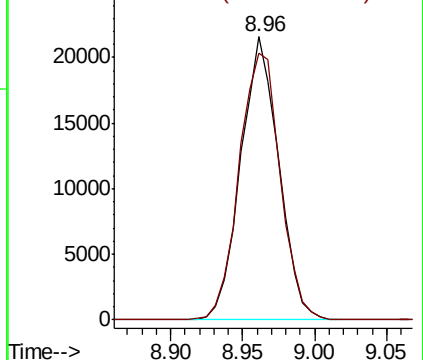
130 100

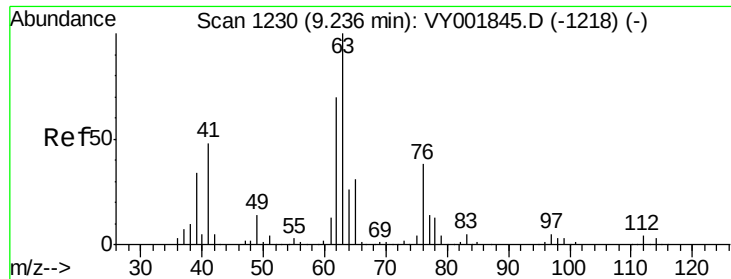
95 94.1 0.0 204.6



Abundance Ion 129.80 (129.50 to 130.50): VY001845.D (-1175) (-)

Ion 94.90 (94.60 to 95.60): VY001845.D (-1175) (-)

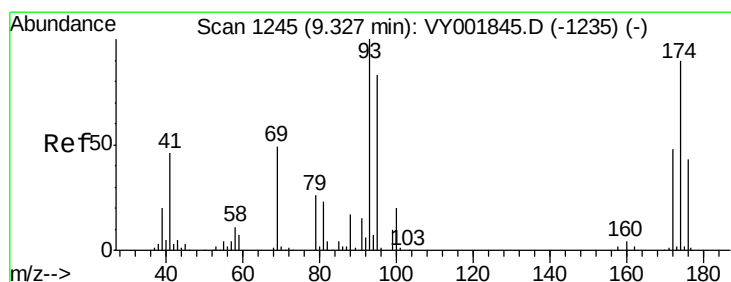
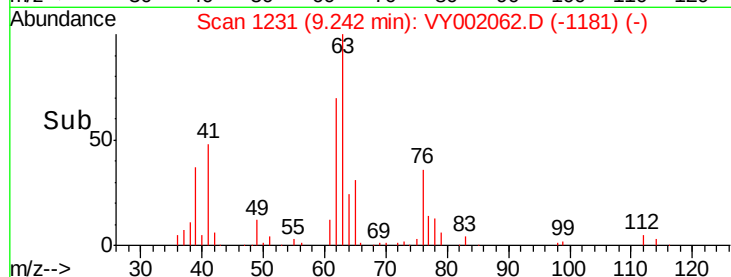
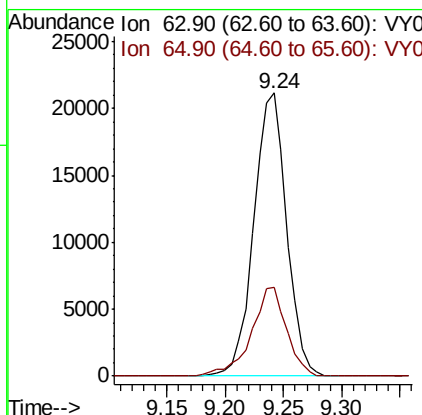
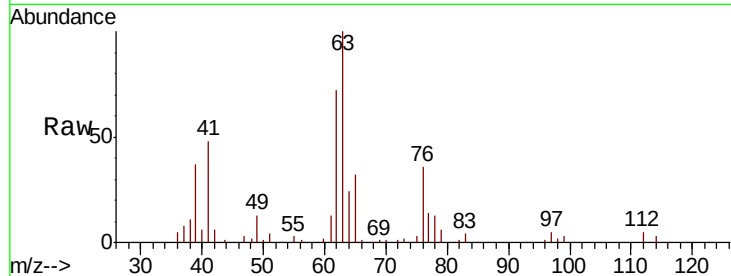




#45
 1,2-Dichloropropane
 Concen: 20.528 ug/l
 RT: 9.24 min Scan# 1231
 Delta R.T. 0.01 min
 Lab File: VY002062.D
 Acq: 25 Mar 2020 13:32

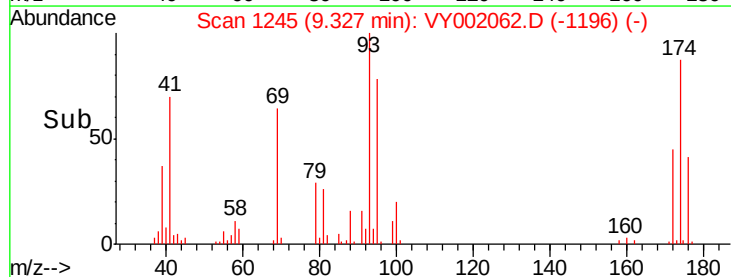
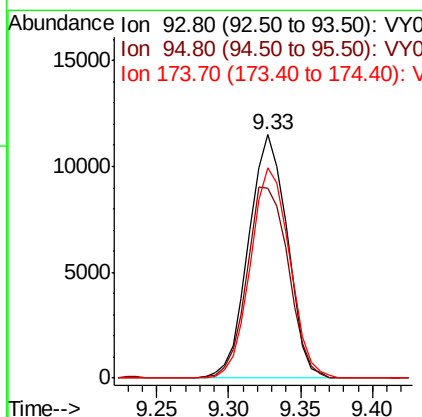
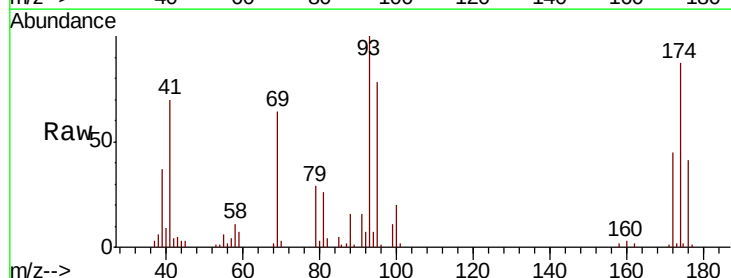
Instrument :
 MSVOA_Y
 ClientSampled :

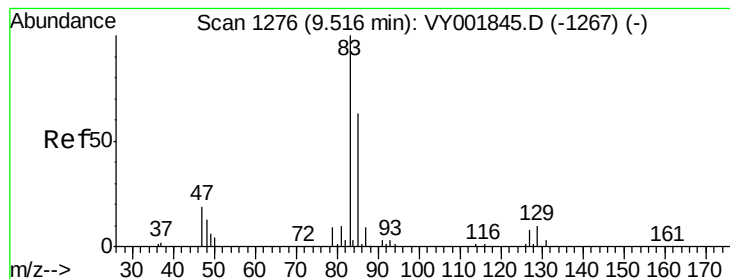
Tot Ion: 63 Resp: 41659
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.9 37.3



#46
 Dibromomethane
 Concen: 20.466 ug/l
 RT: 9.33 min Scan# 1245
 Delta R.T. 0.00 min
 Lab File: VY002062.D
 Acq: 25 Mar 2020 13:32

Tgt Ion: 93 Resp: 21403
 Ion Ratio Lower Upper
 93 100
 95 84.0 67.0 100.4
 174 87.6 71.8 107.8





#47

Bromodichloromethane

Concen: 21.038 ug/l

RT: 9.52 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

Instrument :

MSVOA_Y

ClientSampleId :

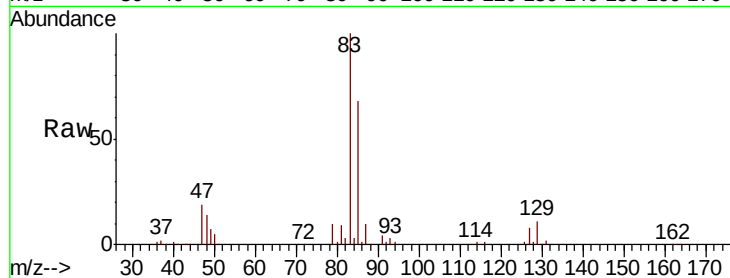
Tot Ion: 83 Resp: 51179

Ion Ratio Lower Upper

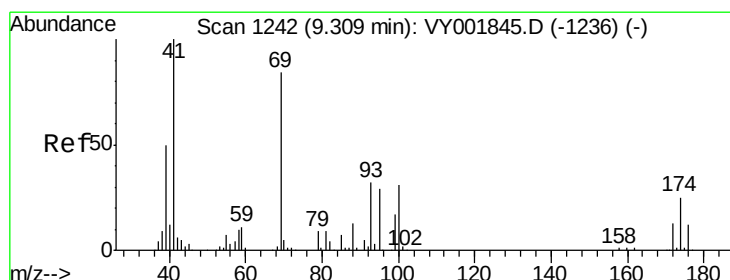
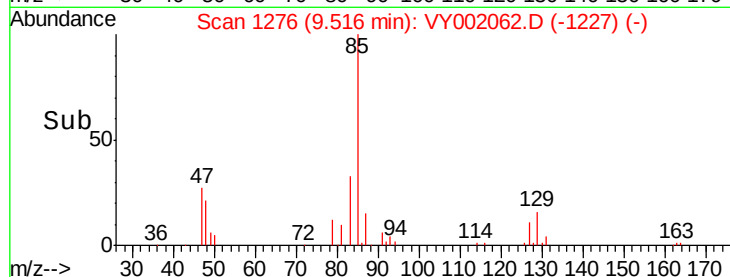
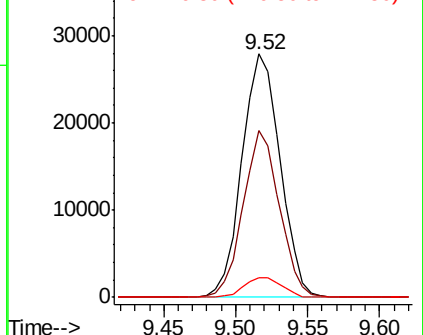
83 100

85 68.5 50.6 76.0

127 7.8 6.2 9.4



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



#48

Methyl methacrylate

Concen: 20.822 ug/l

RT: 9.31 min Scan# 1243

Delta R.T. 0.01 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

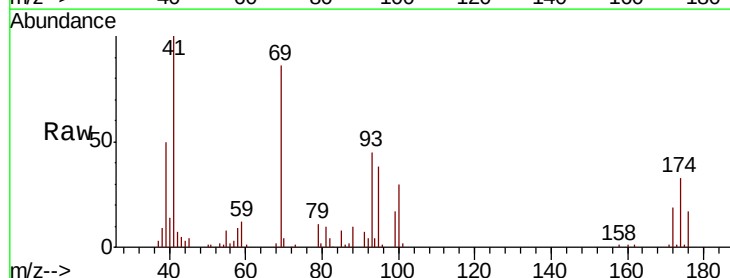
Tgt Ion: 41 Resp: 27691

Ion Ratio Lower Upper

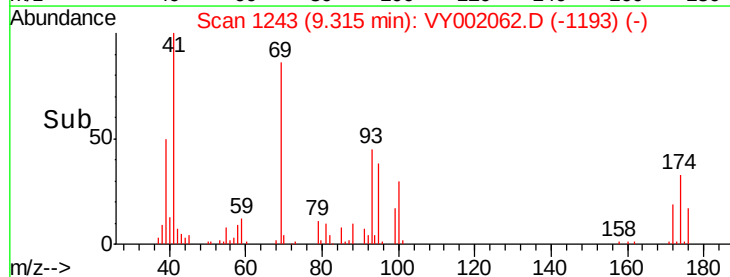
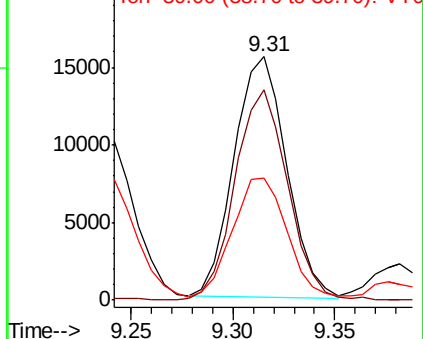
41 100

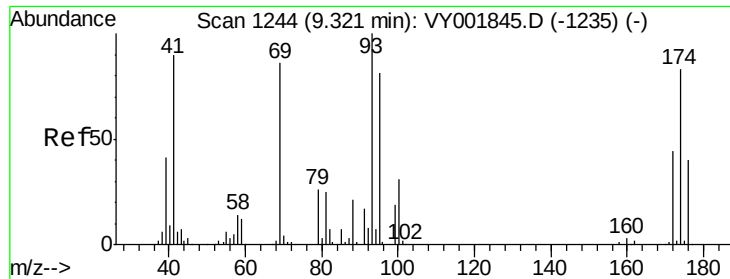
69 87.6 69.0 103.6

39 53.8 39.1 58.7



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0





#49

1,4-Dioxane

Concen: 395.116 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. 0.00 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

Instrument :
MSVOA_Y
ClientSampleId :

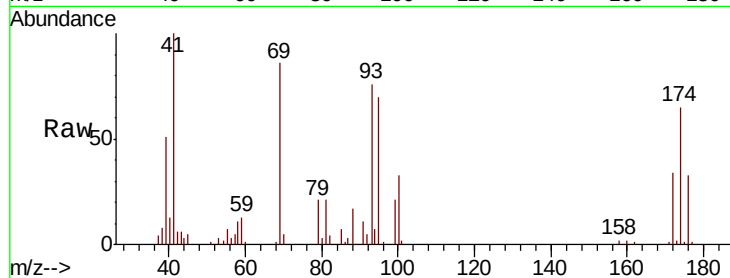
Tot Ion: 88 Resp: 5662

Ion Ratio Lower Upper

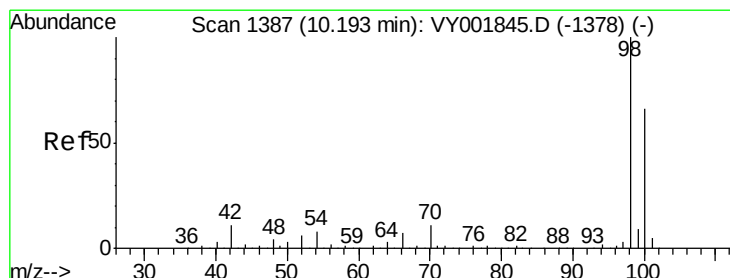
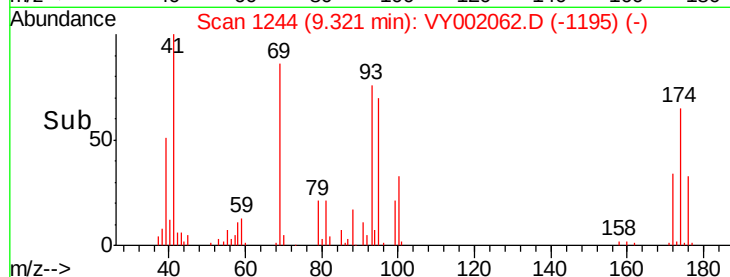
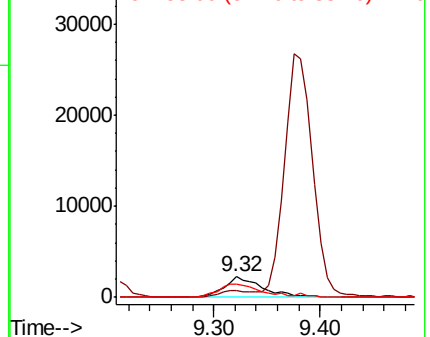
88 100

43 30.6 25.0 37.6

58 71.8 58.9 88.3



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: 48.857 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY002062.D

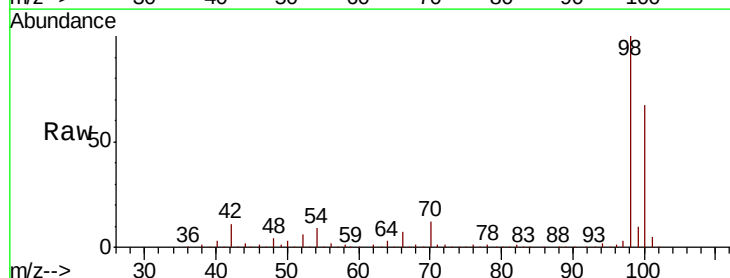
Acq: 25 Mar 2020 13:32

Tgt Ion: 98 Resp: 318407

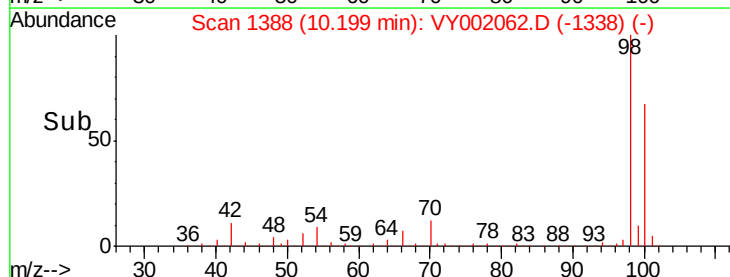
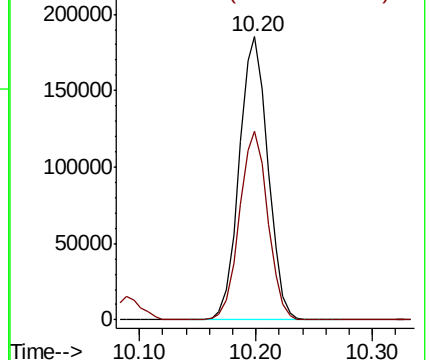
Ion Ratio Lower Upper

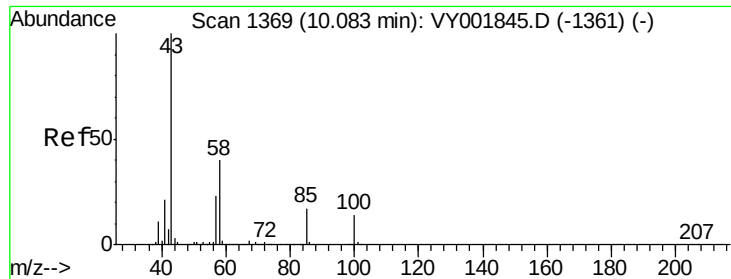
98 100

100 65.8 53.0 79.4



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: 105.167 ug/l

RT: 10.09 min Scan# 1370

Delta R.T. 0.01 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

Instrument :

MSVOA_Y

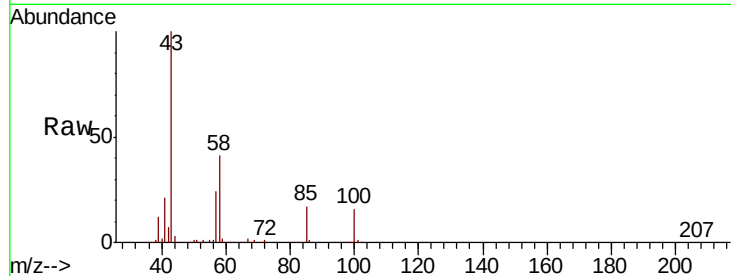
ClientSampled :

Tot Ion: 43 Resp: 162345

Ion Ratio Lower Upper

43 100

58 39.6 32.0 48.0



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

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

10.09

80000

60000

40000

20000

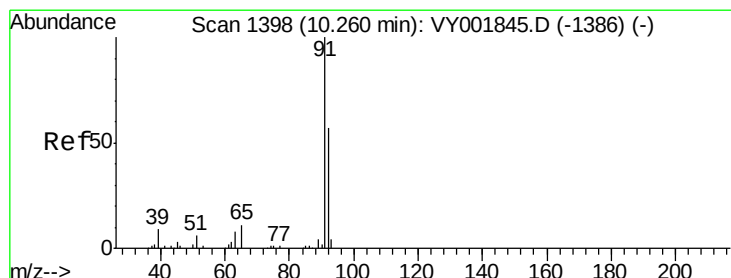
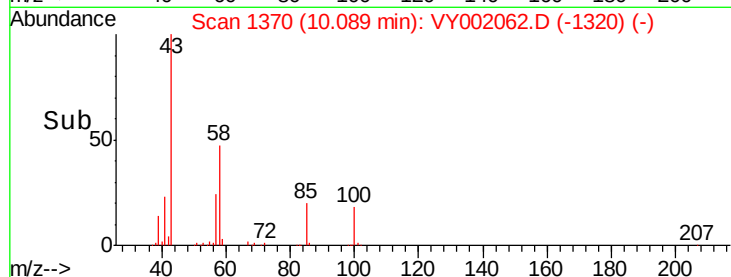
0

Time-->

10.00

10.10

10.20



#52

Toluene

Concen: 20.683 ug/l

RT: 10.26 min Scan# 1398

Delta R.T. 0.00 min

Lab File: VY002062.D

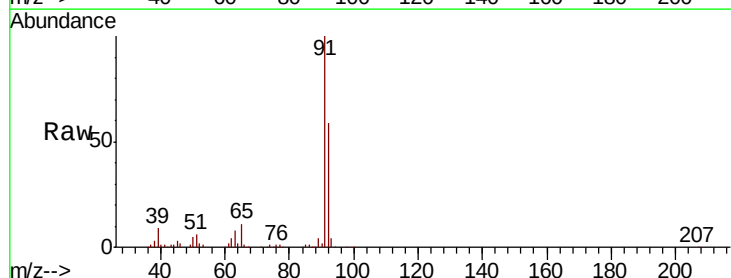
Acq: 25 Mar 2020 13:32

Tgt Ion: 92 Resp: 101432

Ion Ratio Lower Upper

92 100

91 171.8 138.6 208.0



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

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

10.26

120000

100000

80000

60000

40000

20000

0

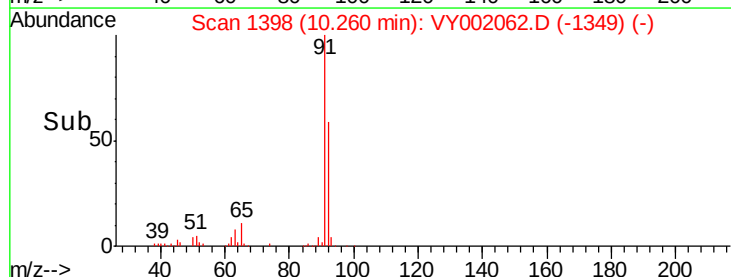
Time-->

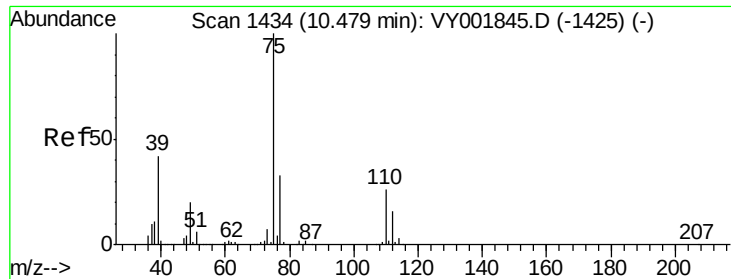
10.20

10.25

10.30

10.35





#53

t-1,3-Dichloropropene

Concen: 20.775 ug/l

RT: 10.49 min Scan# 1435

Delta R.T. 0.01 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

Instrument :

MSVOA_Y

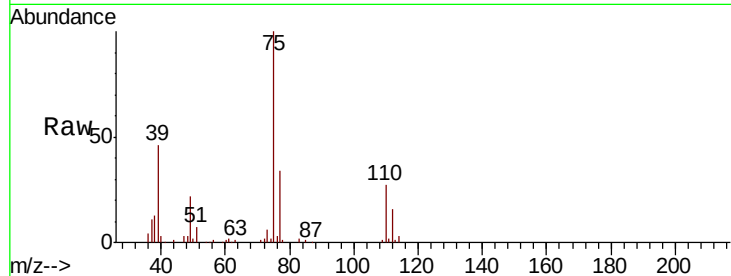
ClientSampled :

Tot Ion: 75 Resp: 55062

Ion Ratio Lower Upper

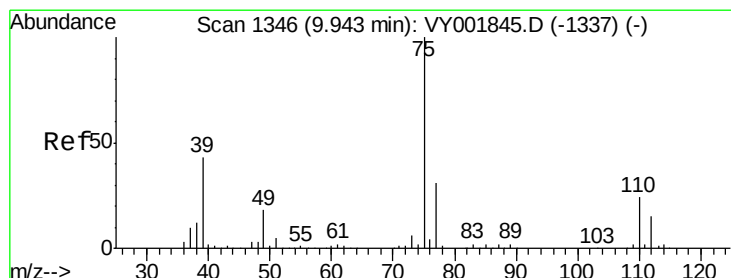
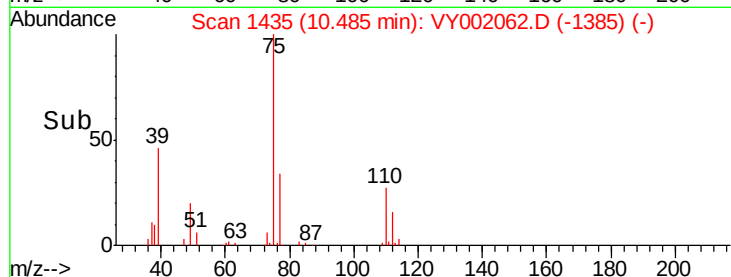
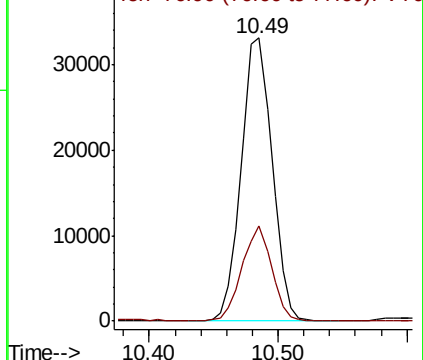
75 100

77 33.8 26.3 39.5



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 20.885 ug/l

RT: 9.95 min Scan# 1347

Delta R.T. 0.01 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

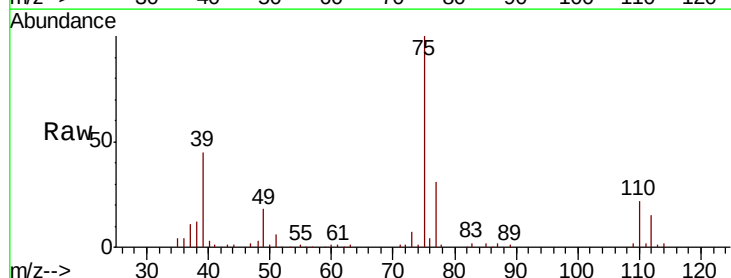
Tgt Ion: 75 Resp: 65895

Ion Ratio Lower Upper

75 100

77 31.1 25.1 37.7

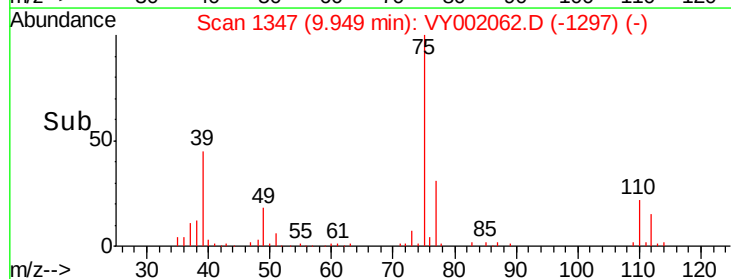
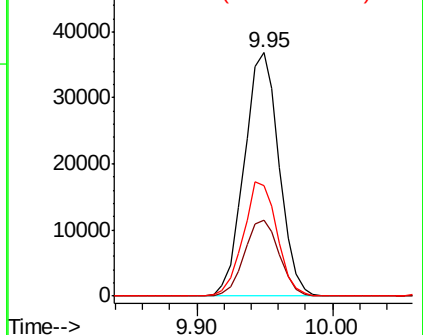
39 45.3 34.7 52.1

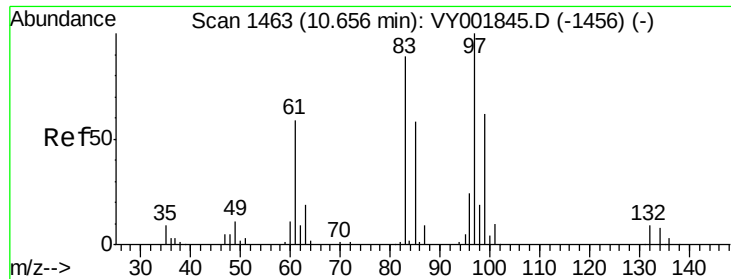


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

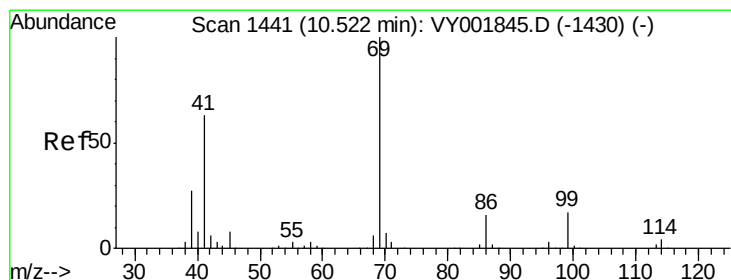
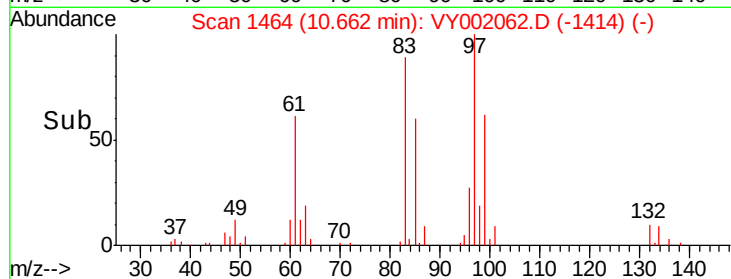
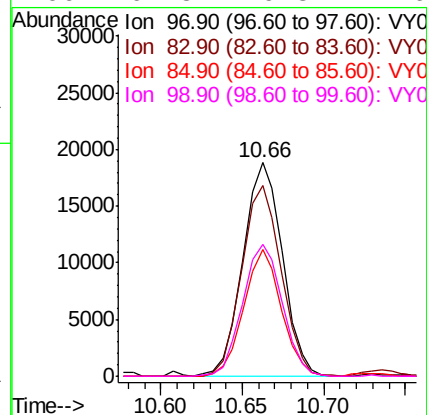
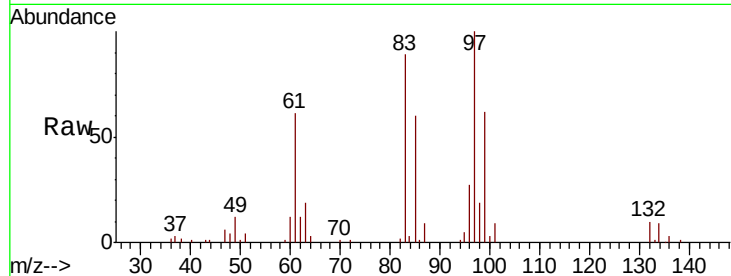




#55
 1,1,2-Trichloroethane
 Concen: 20.763 ug/l
 RT: 10.66 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: VY002062.D
 Acq: 25 Mar 2020 13:32

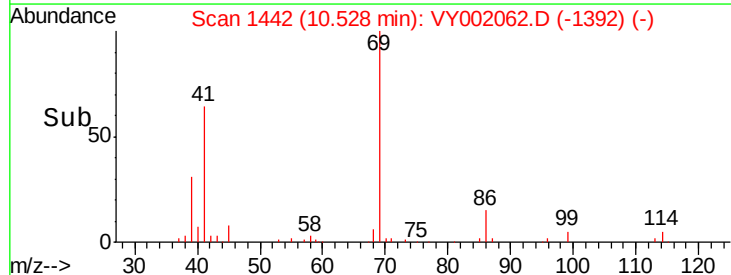
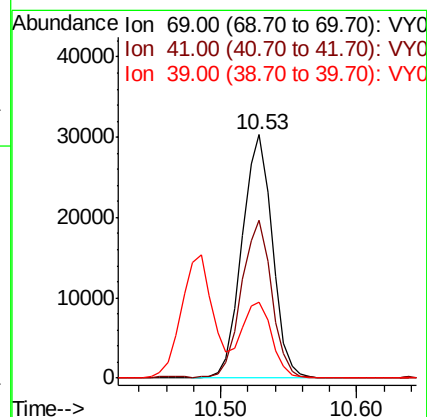
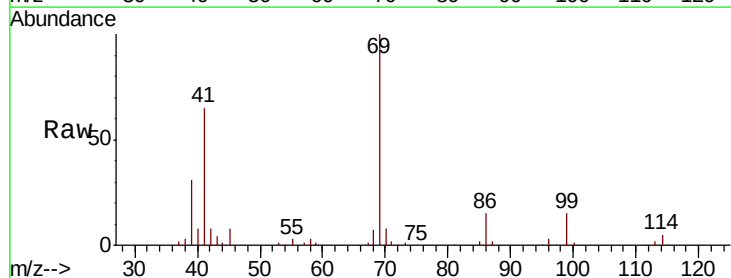
Instrument :
 MSVOA_Y
 ClientSampled :

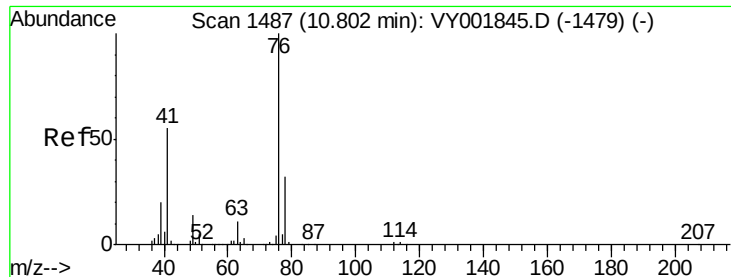
Tot Ion: 97 Resp: 31778
 Ion Ratio Lower Upper
 97 100
 83 89.3 71.6 107.4
 85 59.5 46.6 69.8
 99 61.8 49.8 74.6



#56
 Ethyl methacrylate
 Concen: 21.117 ug/l
 RT: 10.53 min Scan# 1442
 Delta R.T. 0.01 min
 Lab File: VY002062.D
 Acq: 25 Mar 2020 13:32

Tgt Ion: 69 Resp: 47373
 Ion Ratio Lower Upper
 69 100
 41 64.6 49.9 74.9
 39 31.7 23.0 34.6





#57

1,3-Dichloropropane

Concen: 20.917 ug/l

RT: 10.81 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

Instrument :

MSVOA_Y

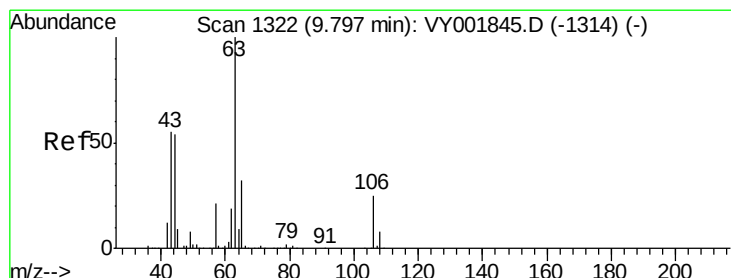
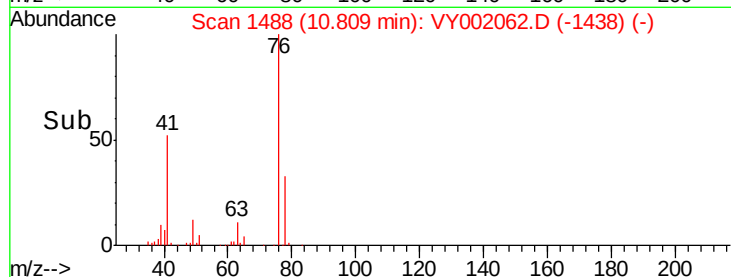
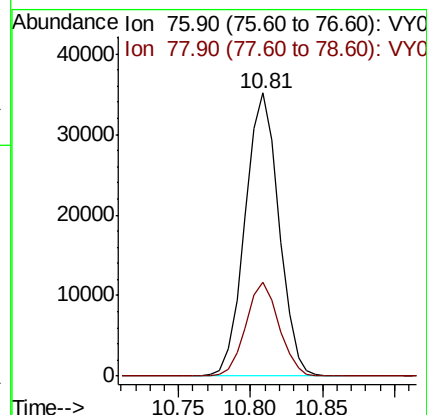
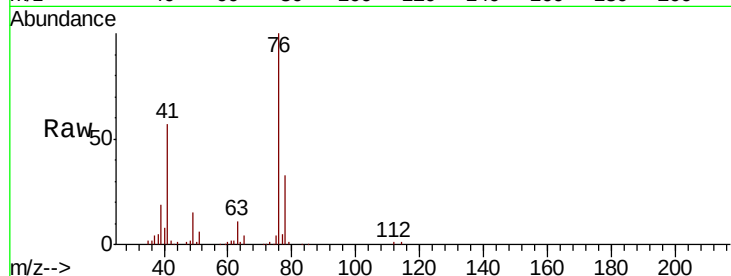
ClientSampled :

Tot Ion: 76 Resp: 57064

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 152.239 ug/l

RT: 9.80 min Scan# 1323

Delta R.T. 0.01 min

Lab File: VY002062.D

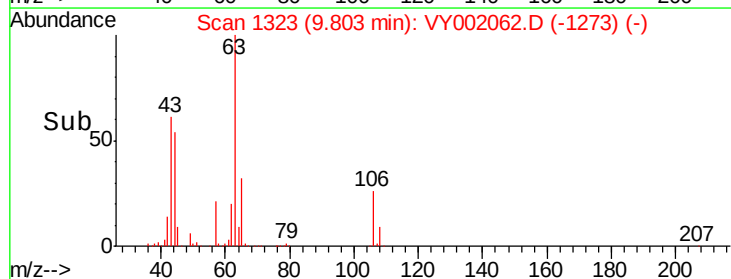
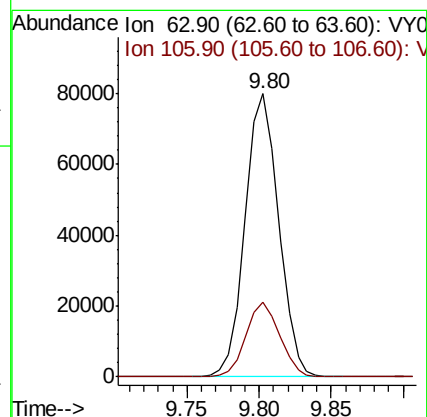
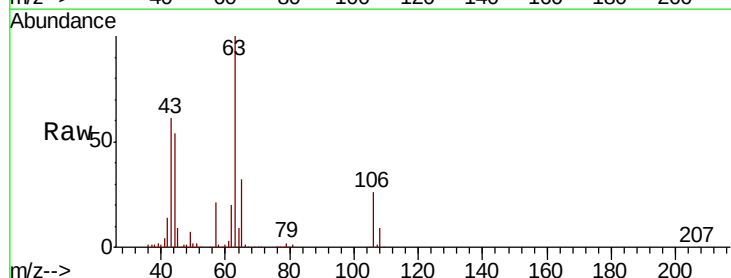
Acq: 25 Mar 2020 13:32

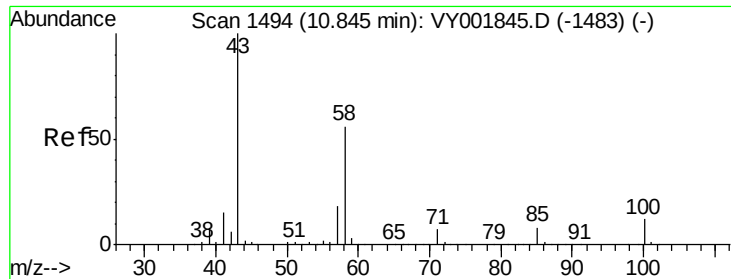
Tgt Ion: 63 Resp: 129248

Ion Ratio Lower Upper

63 100

106 26.3 21.3 31.9

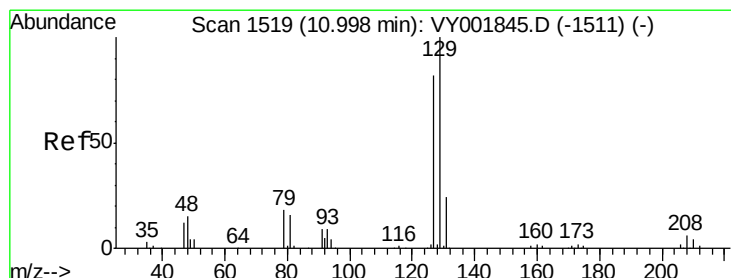
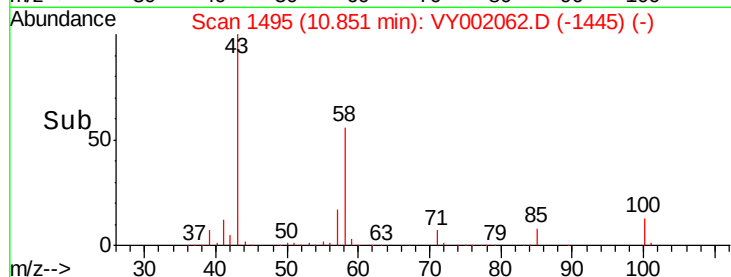
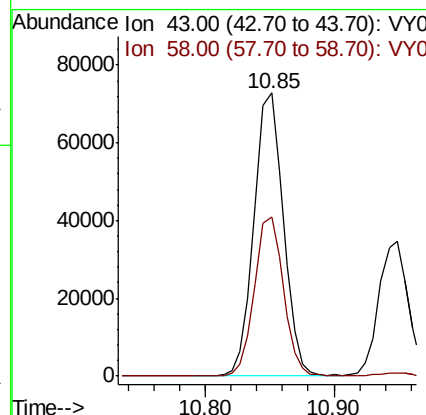
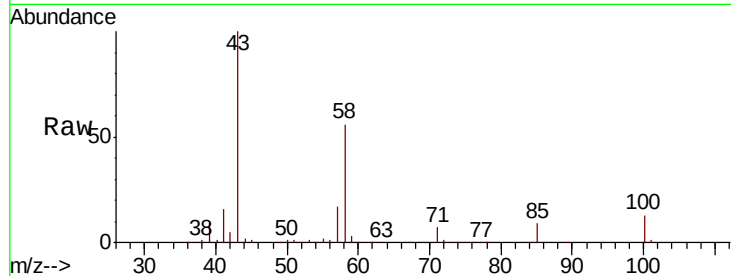




#59
2-Hexanone
Concen: 104.077 ug/l
RT: 10.85 min Scan# 1495
Delta R.T. 0.01 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

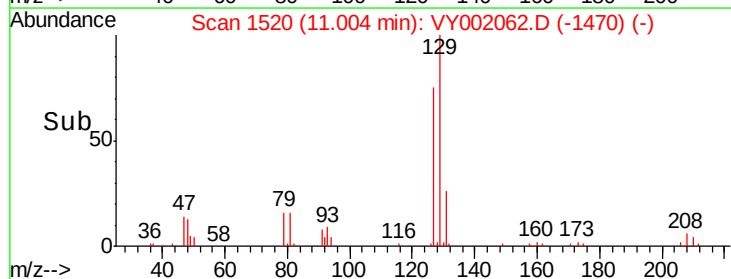
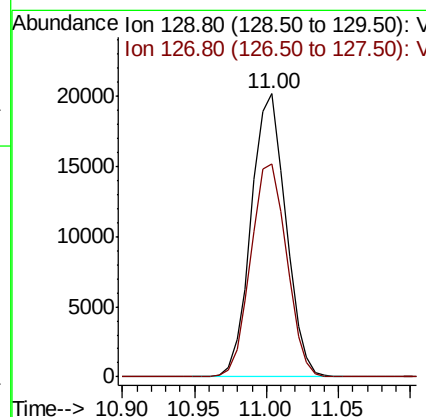
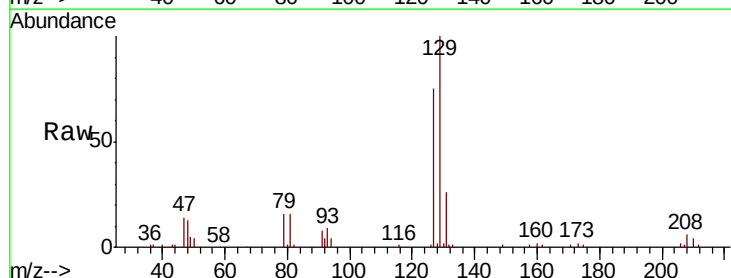
Instrument :
MSVOA_Y
ClientSampled :

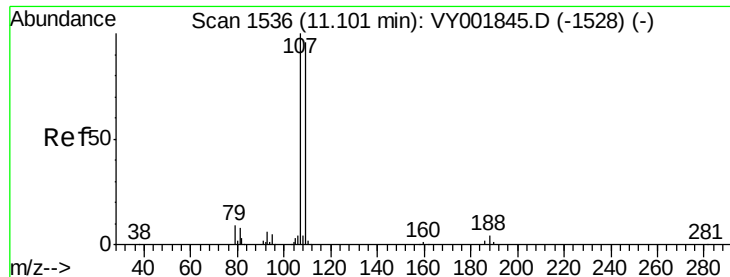
Tot Ion: 43 Resp: 114674
Ion Ratio Lower Upper
43 100
58 55.6 28.1 84.3



#60
Dibromochloromethane
Concen: 20.825 ug/l
RT: 11.00 min Scan# 1520
Delta R.T. 0.01 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

Tgt Ion: 129 Resp: 33585
Ion Ratio Lower Upper
129 100
127 77.9 39.0 117.0

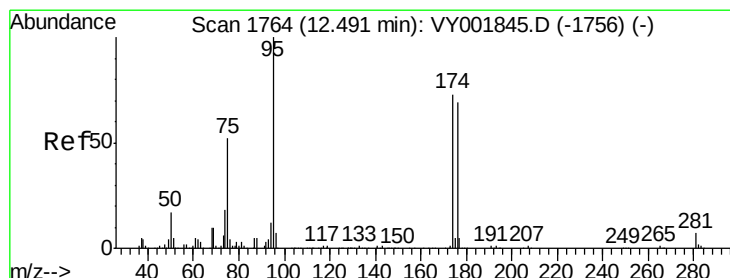
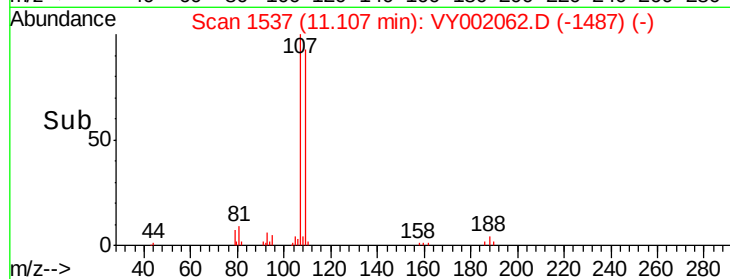
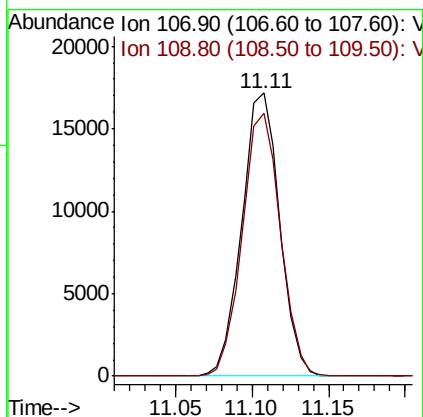
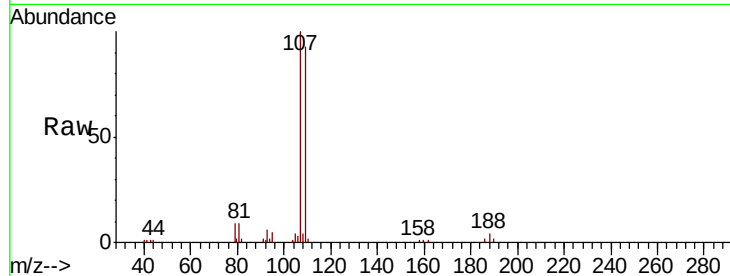




#61
 1,2-Dibromoethane
 Concen: 20.328 ug/l
 RT: 11.11 min Scan# 1537
 Delta R.T. 0.01 min
 Lab File: VY002062.D
 Acq: 25 Mar 2020 13:32

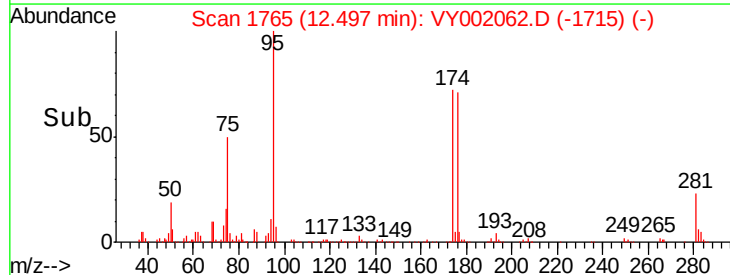
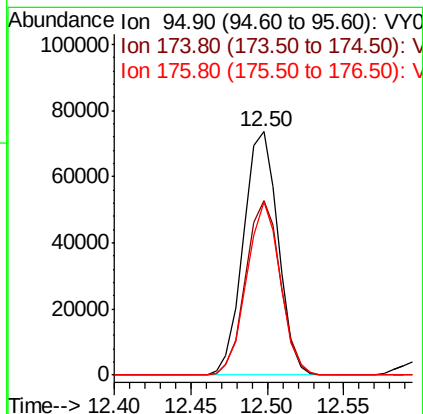
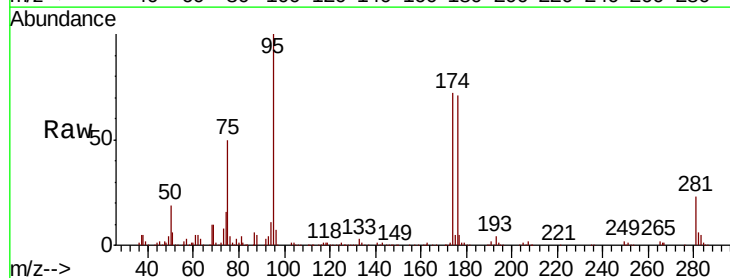
Instrument :
 MSVOA_Y
 ClientSampleId :

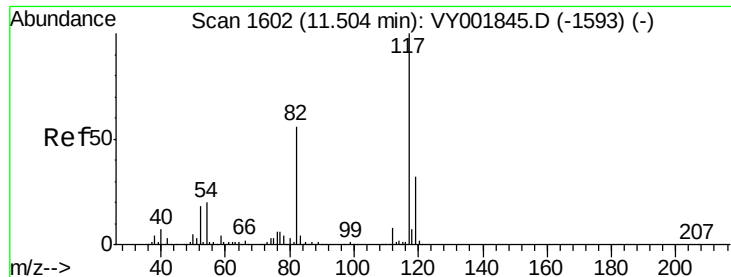
Tot Ion: 107 Resp: 29471
 Ion Ratio Lower Upper
 107 100
 109 93.7 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 51.254 ug/l
 RT: 12.50 min Scan# 1765
 Delta R.T. 0.01 min
 Lab File: VY002062.D
 Acq: 25 Mar 2020 13:32

Tgt Ion: 95 Resp: 116145
 Ion Ratio Lower Upper
 95 100
 174 71.8 0.0 145.0
 176 69.1 0.0 137.4

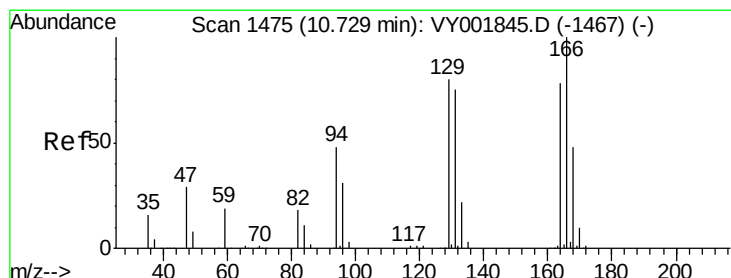
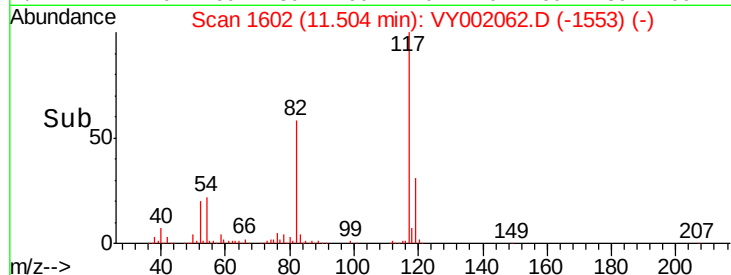
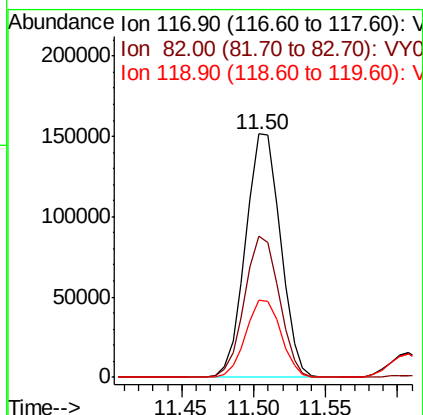
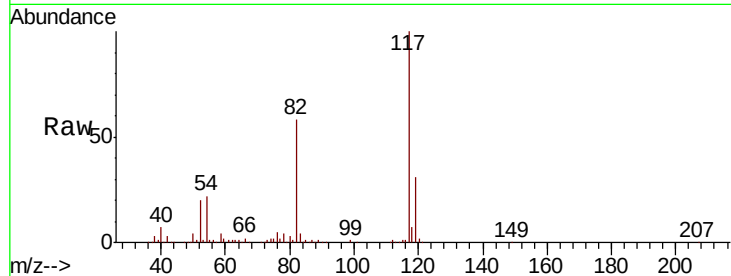




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

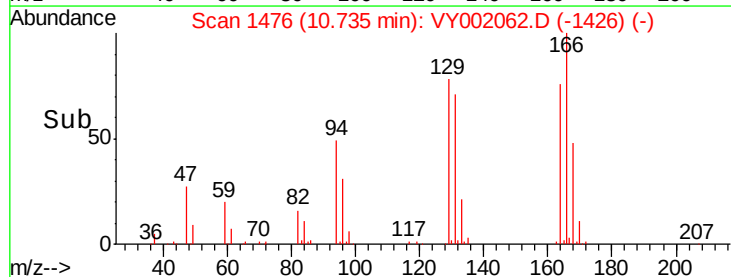
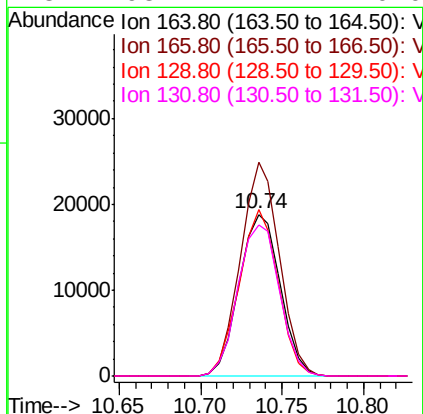
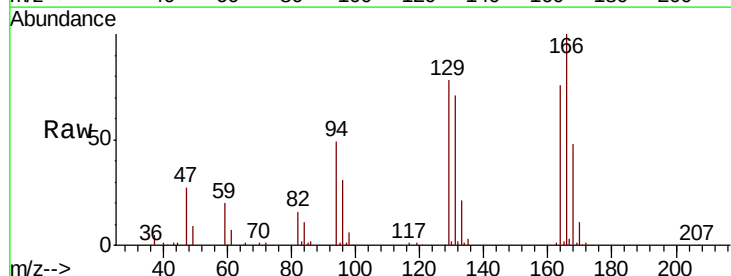
Instrument :
MSVOA_Y
ClientSampleId :

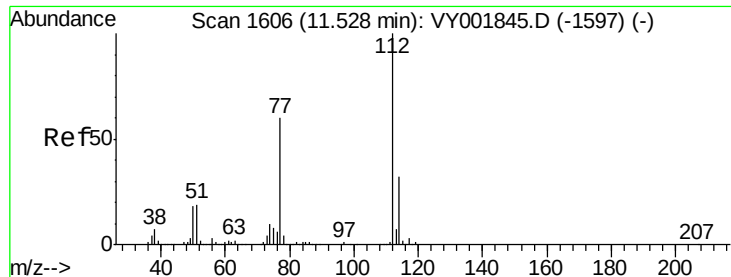
Tot Ion:117 Resp: 254296
Ion Ratio Lower Upper
117 100
82 57.9 44.5 66.7
119 31.5 25.7 38.5



#64
Tetrachloroethene
Concen: 20.644 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

Tgt Ion:164 Resp: 32921
Ion Ratio Lower Upper
164 100
166 132.1 102.6 154.0
129 102.8 82.3 123.5
131 93.4 77.4 116.0

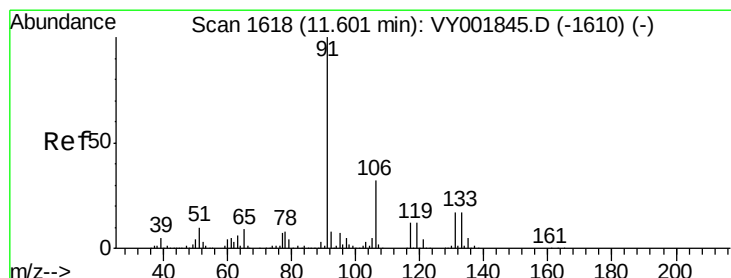
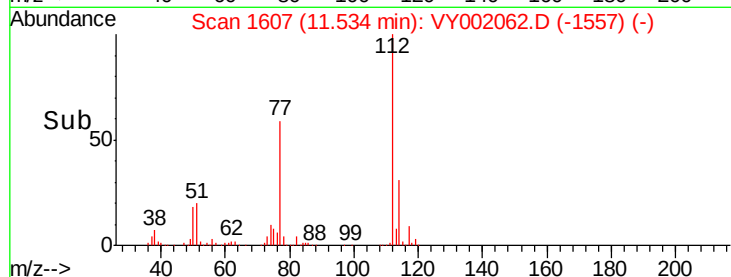
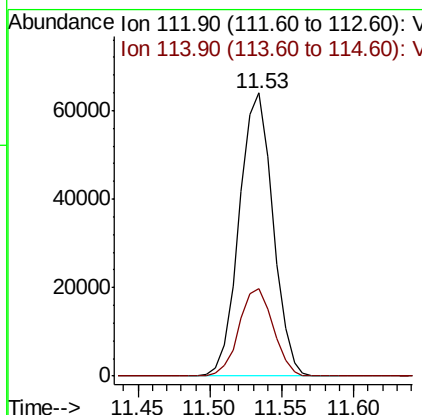
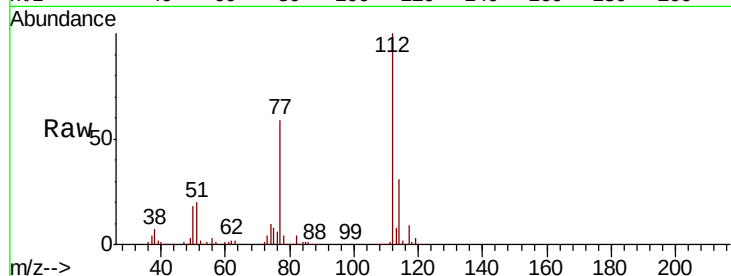




#65
Chlorobenzene
Concen: 20.522 ug/l
RT: 11.53 min Scan# 1607
Delta R.T. 0.01 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

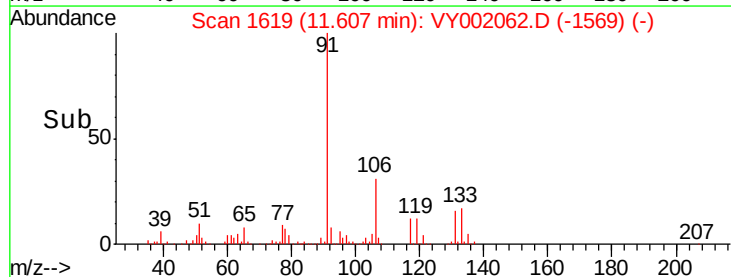
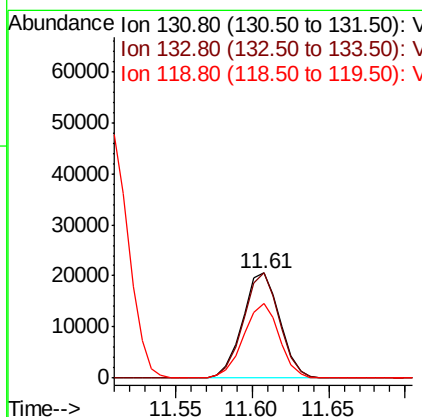
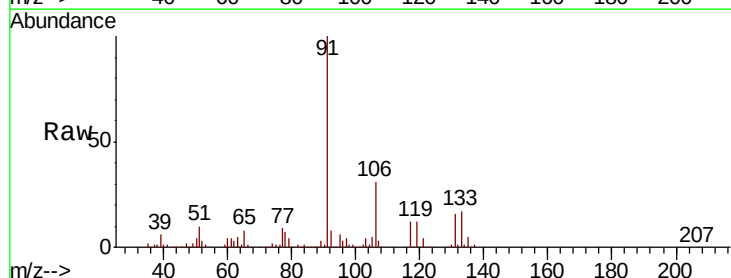
Instrument :
MSVOA_Y
ClientSampleId :

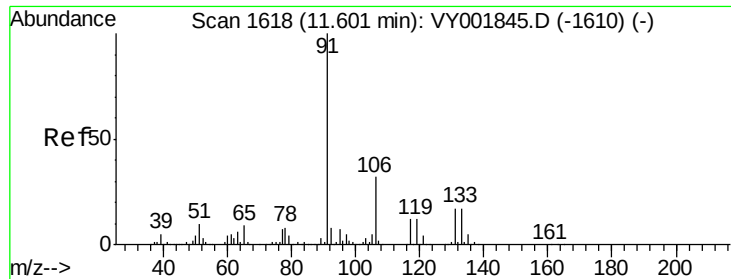
Tot Ion:112 Resp: 103984
Ion Ratio Lower Upper
112 100
114 31.0 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.863 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

Tgt Ion:131 Resp: 34667
Ion Ratio Lower Upper
131 100
133 96.9 47.1 141.3
119 68.2 34.5 103.6

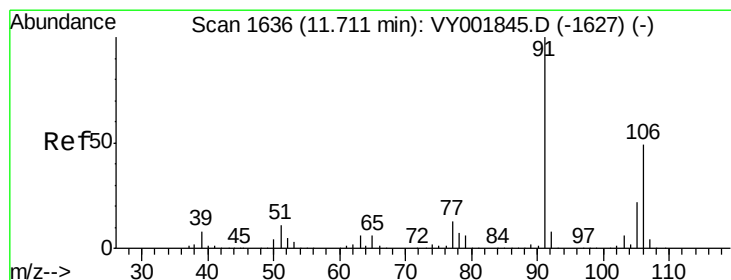
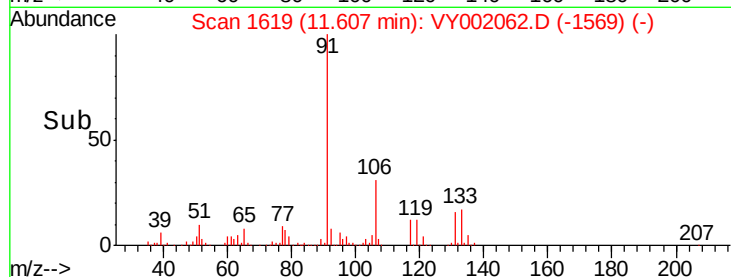
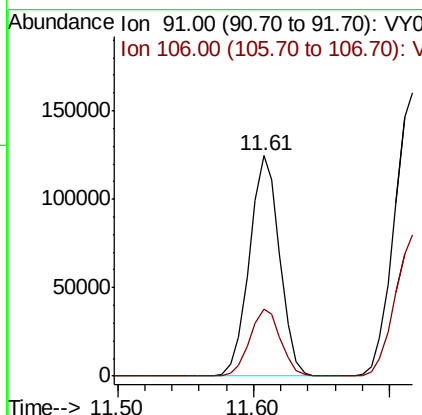
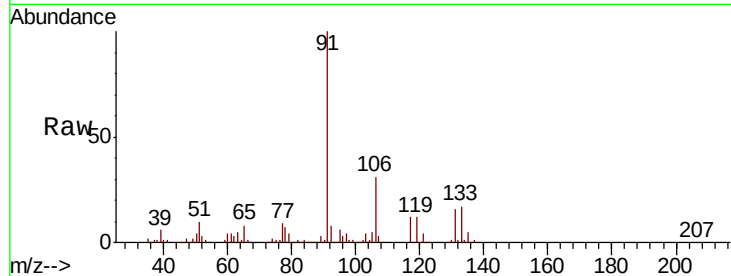




#67
Ethyl Benzene
Concen: 20.524 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

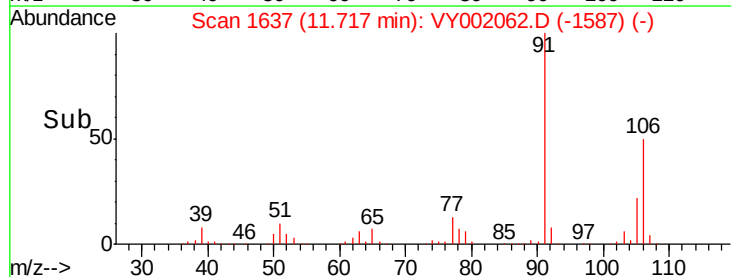
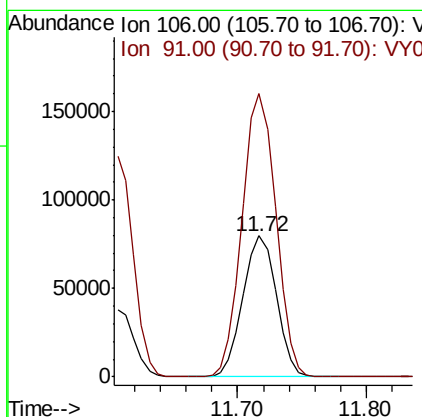
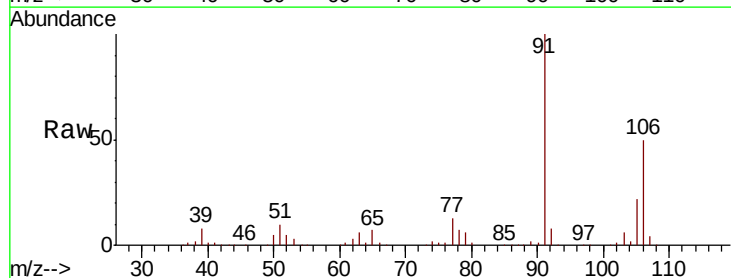
Instrument :
MSVOA_Y
ClientSampled :

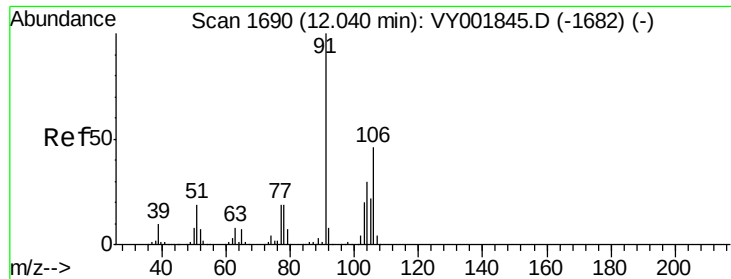
Tot Ion: 91 Resp: 193945
Ion Ratio Lower Upper
91 100
106 30.7 25.4 38.2



#68
m/p-Xylenes
Concen: 41.175 ug/l
RT: 11.72 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

Tgt Ion:106 Resp: 143853
Ion Ratio Lower Upper
106 100
91 202.3 161.3 241.9

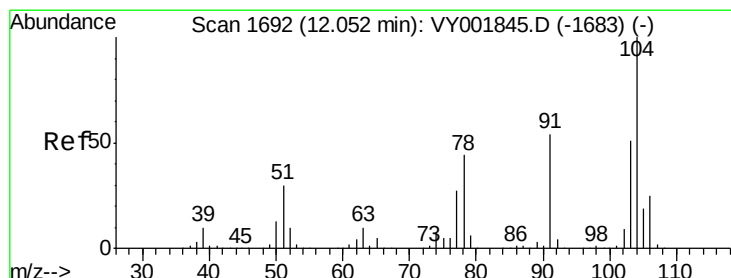
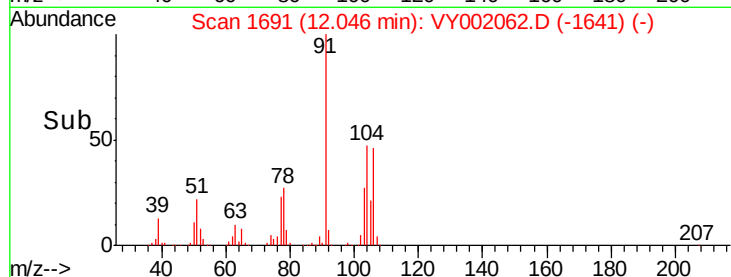
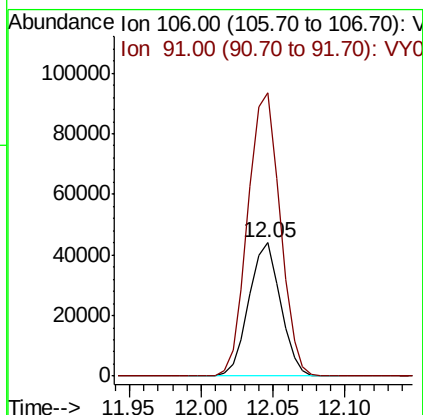
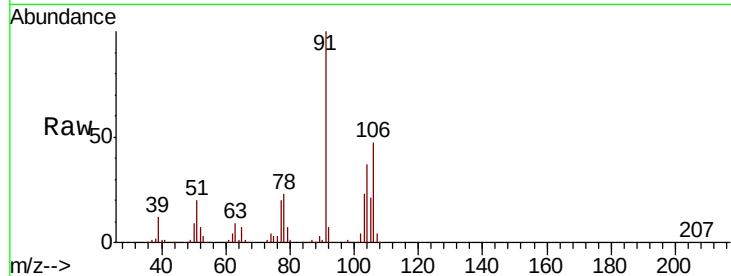




#69
o-Xylene
Concen: 20.335 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

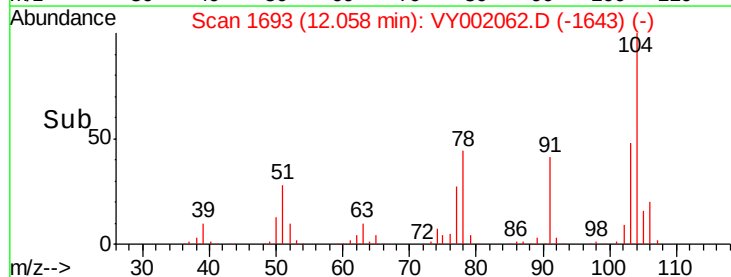
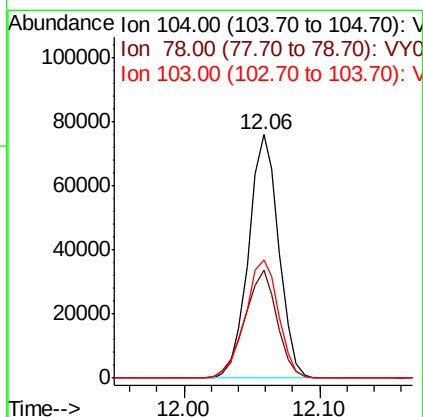
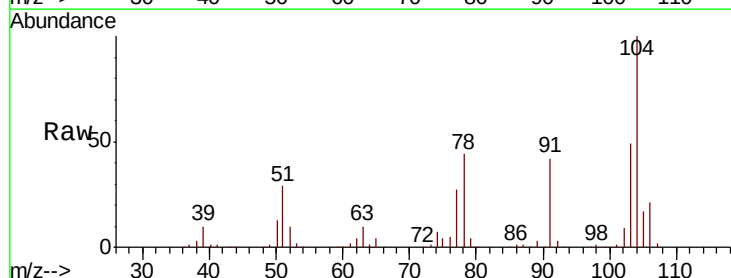
Instrument :
MSVOA_Y
ClientSampled :

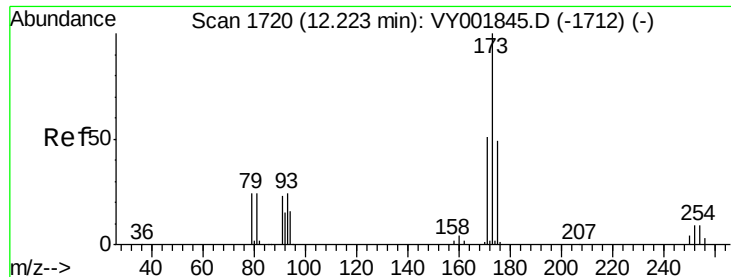
Tot Ion:106 Resp: 66960
Ion Ratio Lower Upper
106 100
91 217.0 106.8 320.4



#70
Styrene
Concen: 20.896 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

Tgt Ion:104 Resp: 117850
Ion Ratio Lower Upper
104 100
78 47.6 38.5 57.7
103 53.6 42.9 64.3





#71

Bromoform

Concen: 20.822 ug/l

RT: 12.22 min Scan# 1720

Delta R.T. 0.00 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

Instrument :

MSVOA_Y

ClientSampleId :

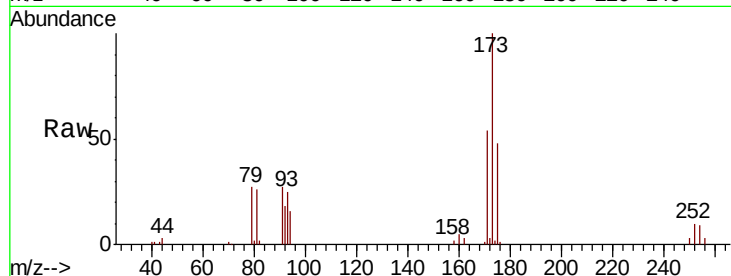
Tot Ion:173 Resp: 18763

Ion Ratio Lower Upper

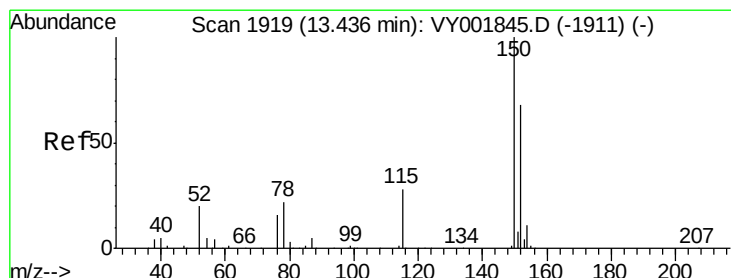
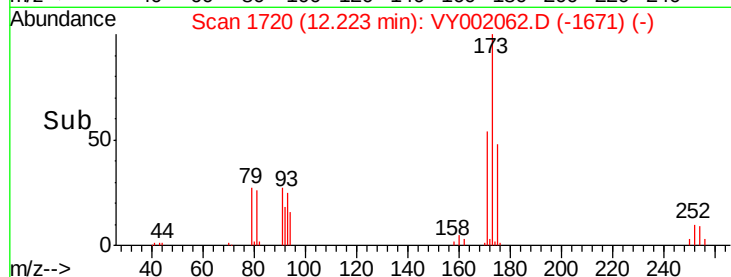
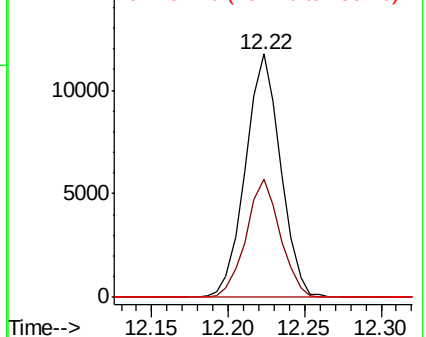
173 100

175 47.1 24.3 72.8

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

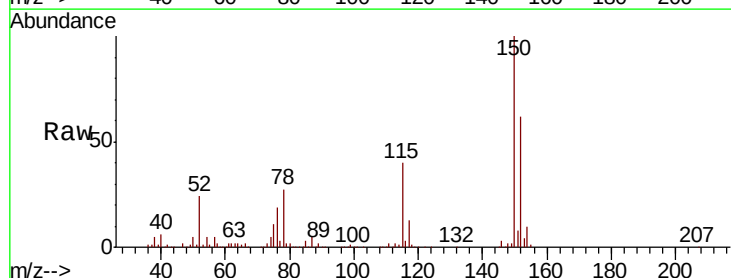
Tgt Ion:152 Resp: 119660

Ion Ratio Lower Upper

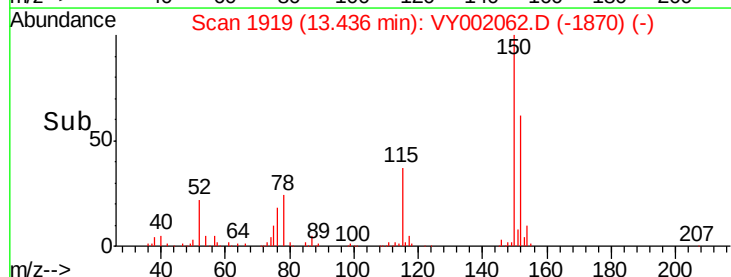
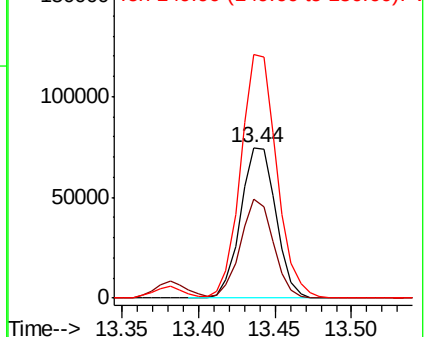
152 100

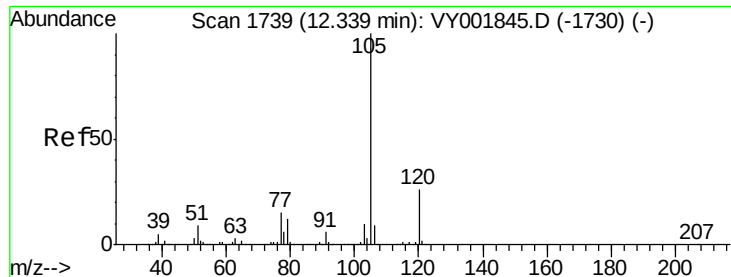
115 61.5 29.9 89.7

150 164.3 0.0 340.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.301 ug/l

RT: 12.34 min Scan# 1740

Delta R.T. 0.01 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

Instrument :

MSVOA_Y

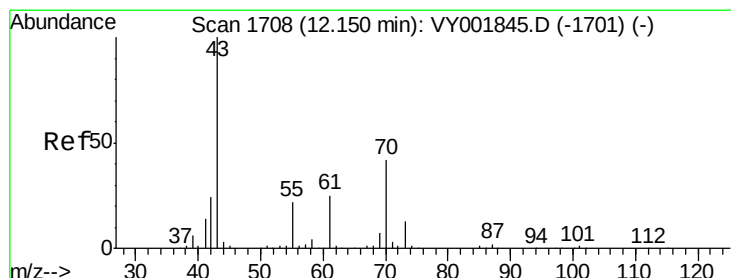
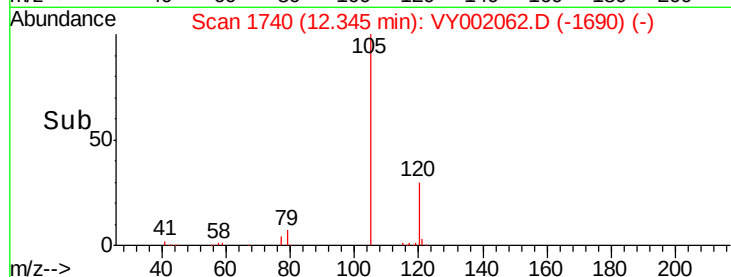
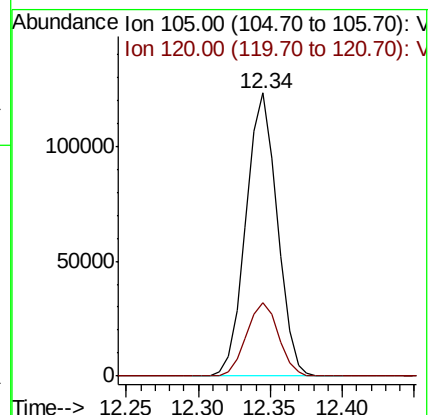
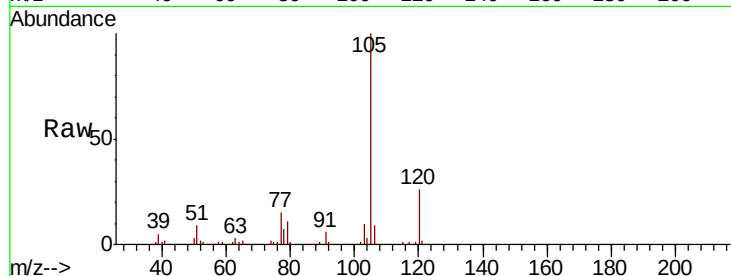
ClientSampled :

Tot Ion:105 Resp: 185442

Ion Ratio Lower Upper

105 100

120 26.4 13.1 39.3



#74

N-ethyl acetate

Concen: 20.261 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.01 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

Tgt Ion: 43 Resp: 56882

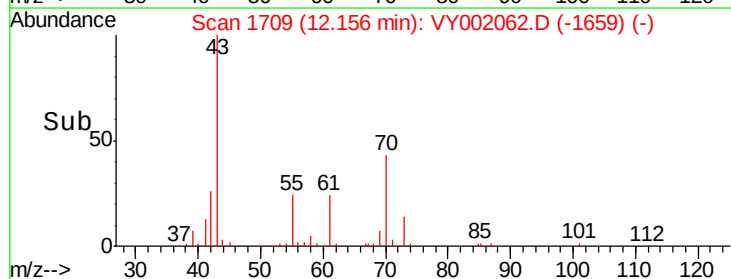
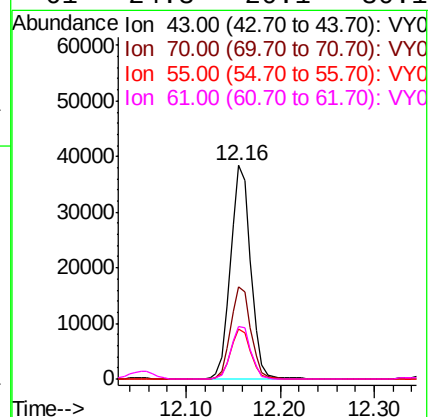
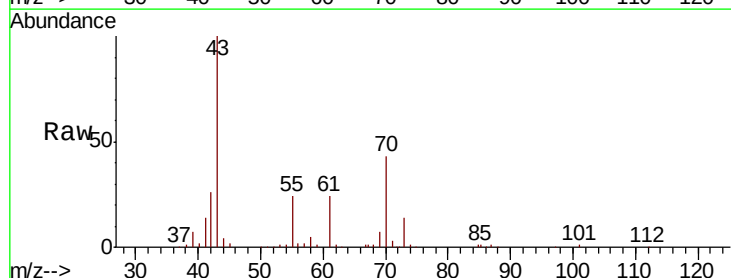
Ion Ratio Lower Upper

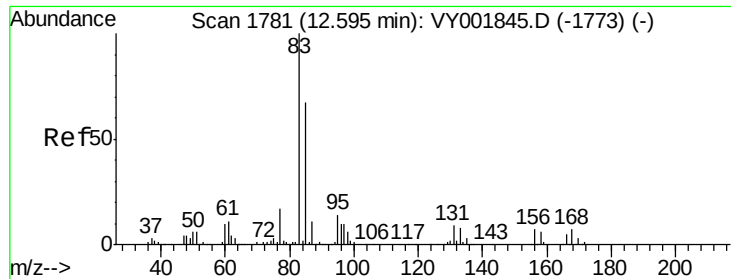
43 100

70 43.0 34.7 52.1

55 23.3 18.2 27.4

61 24.3 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.983 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.00 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

Instrument :

MSVOA_Y

ClientSampleId :

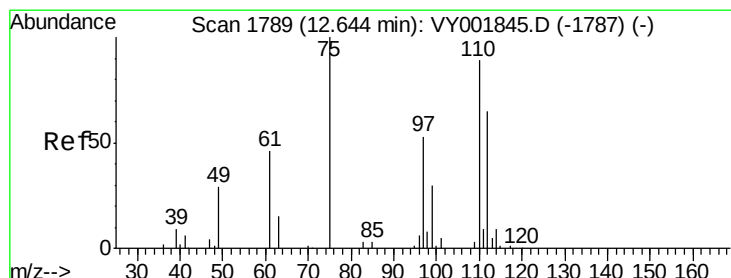
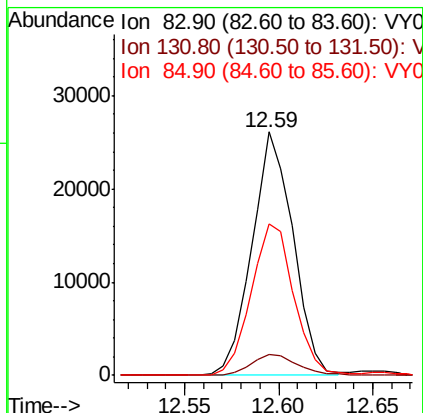
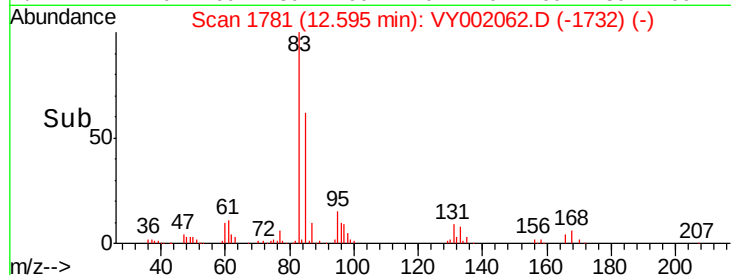
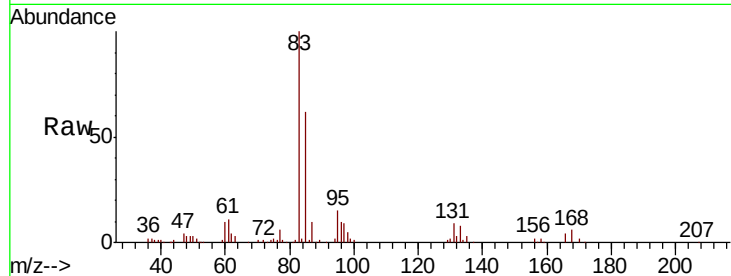
Tot Ion: 83 Resp: 39364

Ion Ratio Lower Upper

83 100

131 9.6 4.6 13.8

85 64.7 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 36.605 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VY002062.D

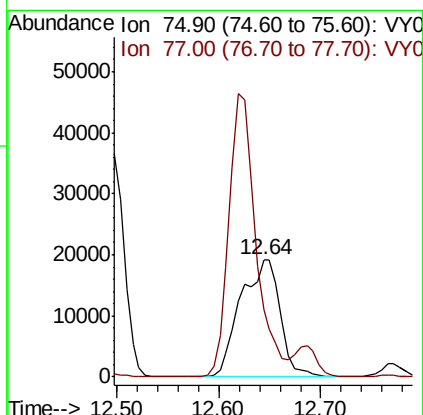
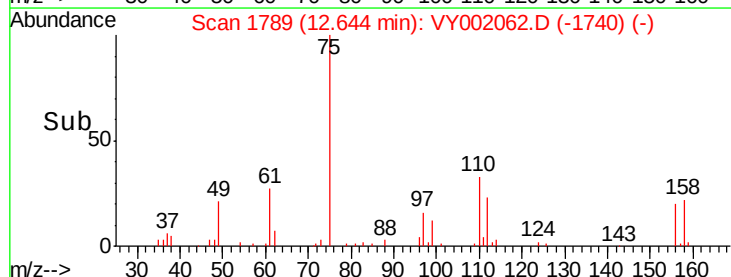
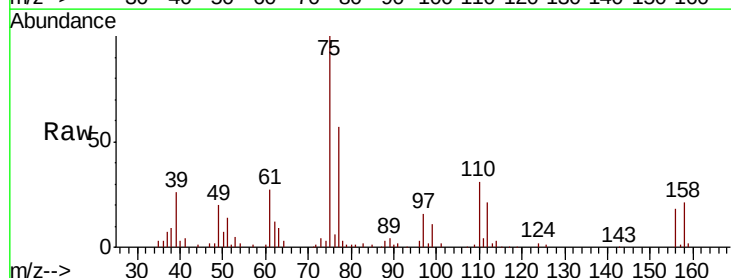
Acq: 25 Mar 2020 13:32

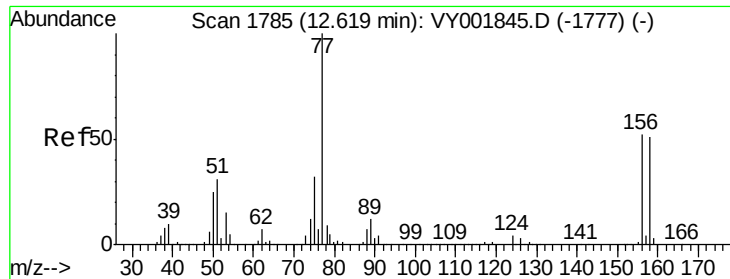
Tgt Ion: 75 Resp: 51973

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.503 ug/l

RT: 12.63 min Scan# 1786

Delta R.T. 0.01 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

Instrument :

MSVOA_Y

ClientSampleId :

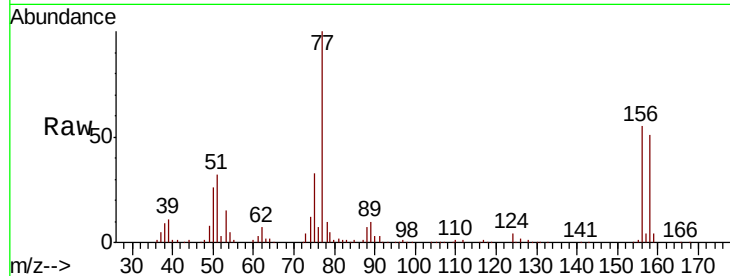
Tot Ion:156 Resp: 39680

Ion Ratio Lower Upper

156 100

77 215.2 109.0 327.0

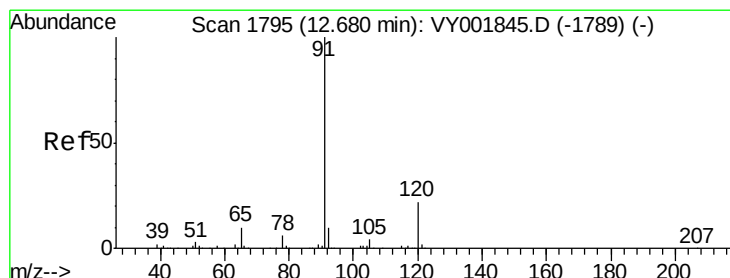
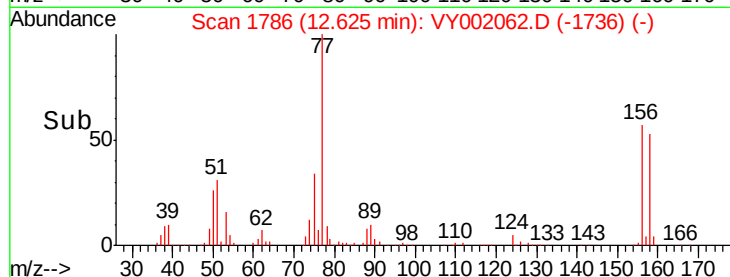
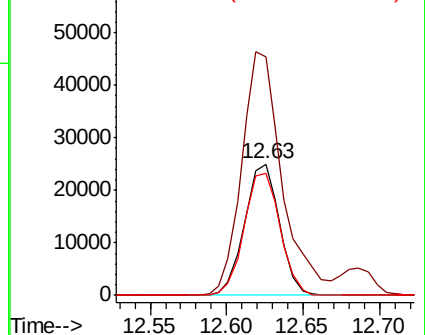
158 96.2 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.255 ug/l

RT: 12.69 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VY002062.D

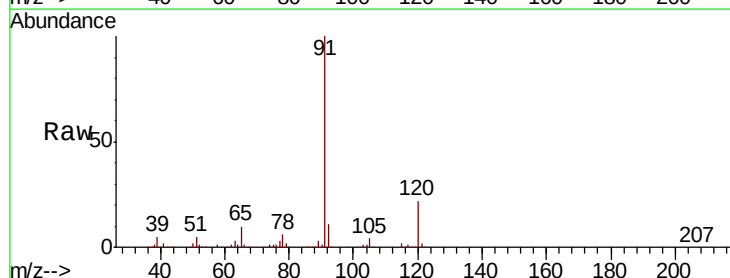
Acq: 25 Mar 2020 13:32

Tgt Ion: 91 Resp: 228266

Ion Ratio Lower Upper

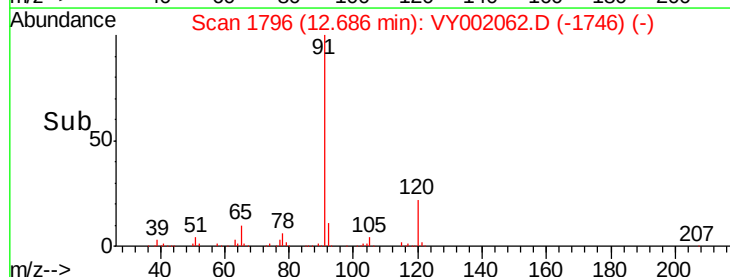
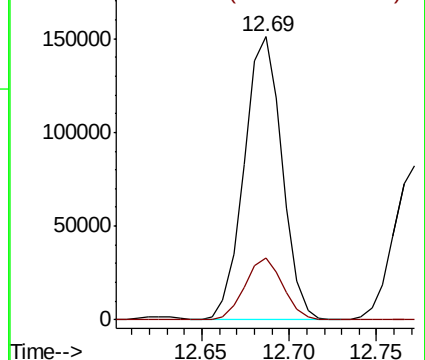
91 100

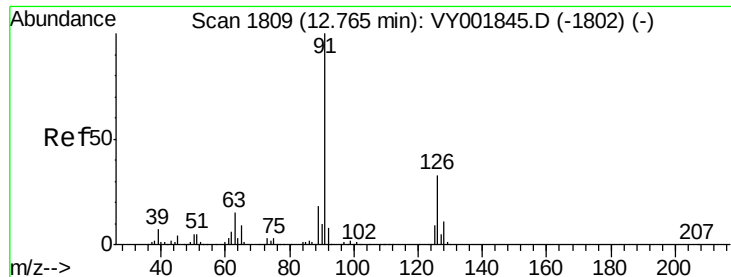
120 22.0 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.234 ug/l

RT: 12.77 min Scan# 1810

Delta R.T. 0.01 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

Instrument :

MSVOA_Y

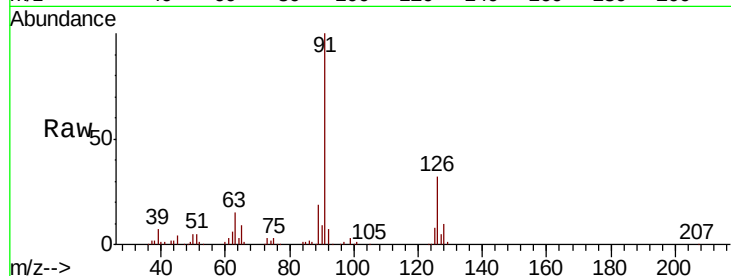
ClientSampleId :

Tot Ion: 91 Resp: 125979

Ion Ratio Lower Upper

91 100

126 32.8 16.3 48.8



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

Ion 125.90 (125.60 to 126.60): VY001845.D (-1802) (-)

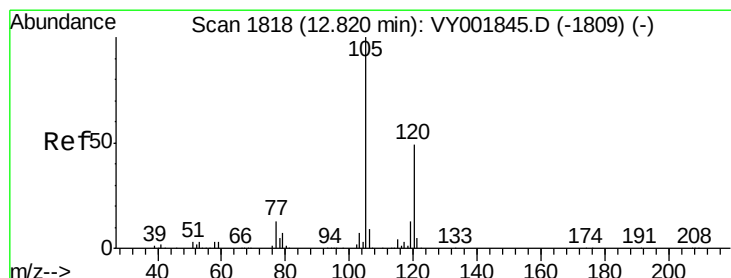
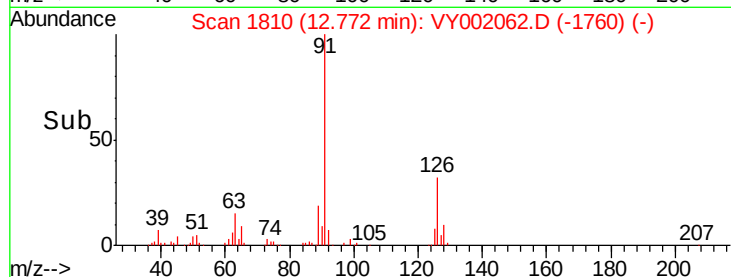
100000

50000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.038 ug/l

RT: 12.83 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VY002062.D

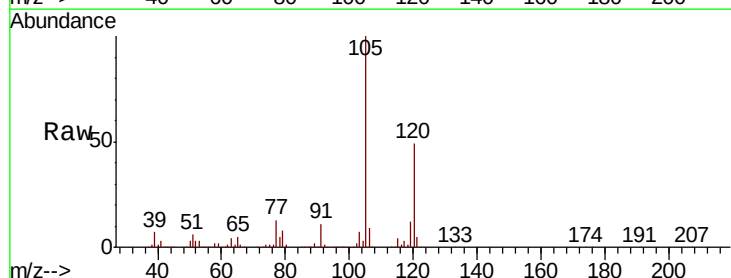
Acq: 25 Mar 2020 13:32

Tgt Ion: 105 Resp: 150685

Ion Ratio Lower Upper

105 100

120 48.6 24.4 73.2



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

Ion 120.00 (119.70 to 120.70): VY001845.D (-1809) (-)

120000

100000

80000

60000

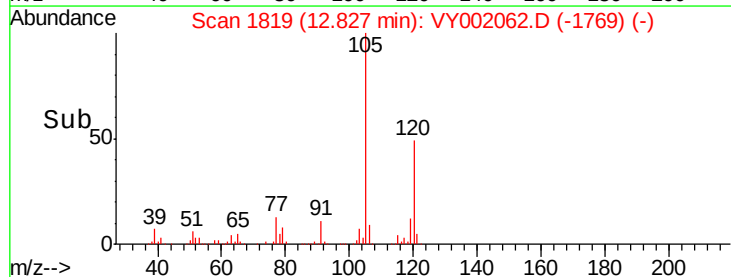
40000

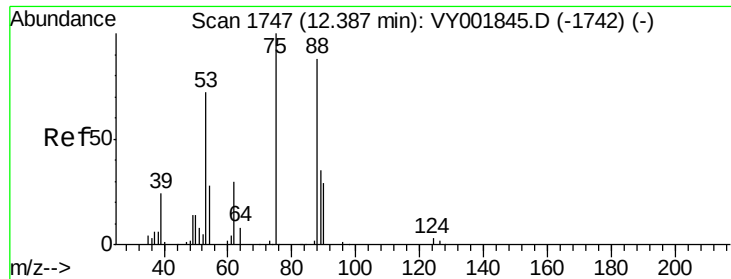
20000

0

12.75 12.80 12.85 12.90

Time-->

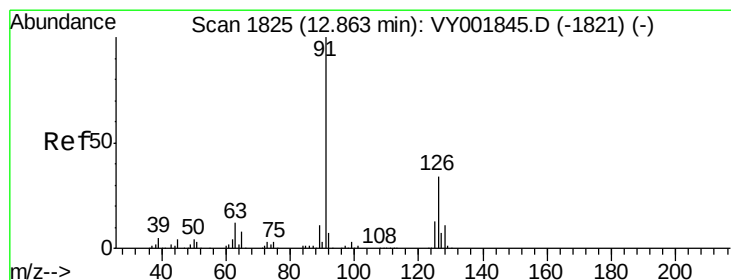
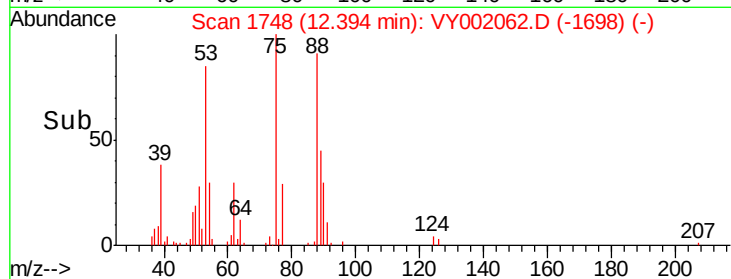
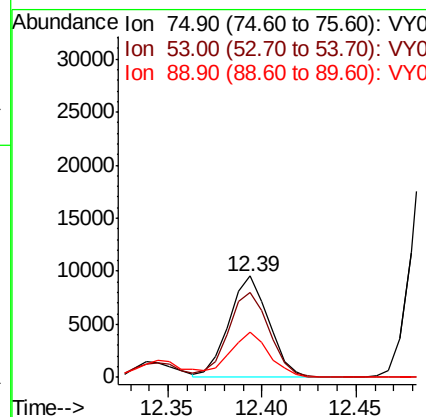
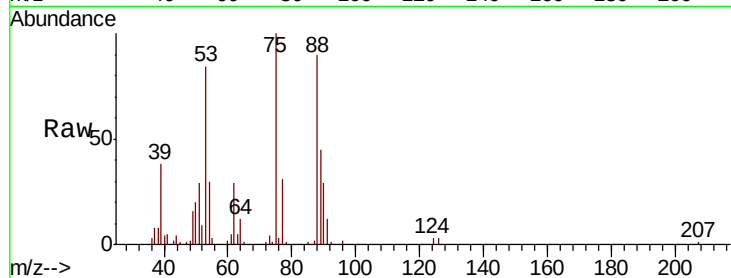




#81
trans-1,4-Dichloro-2-butene
Concen: 20.011 ug/l
RT: 12.39 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

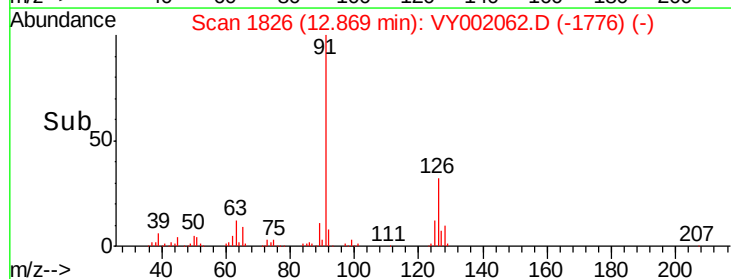
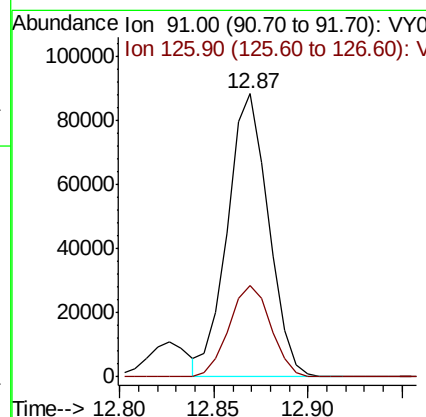
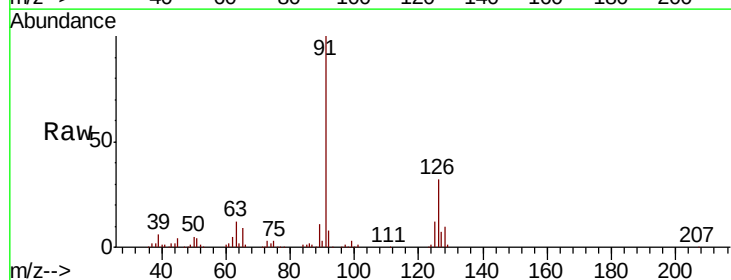
Instrument :
MSVOA_Y
ClientSampled :

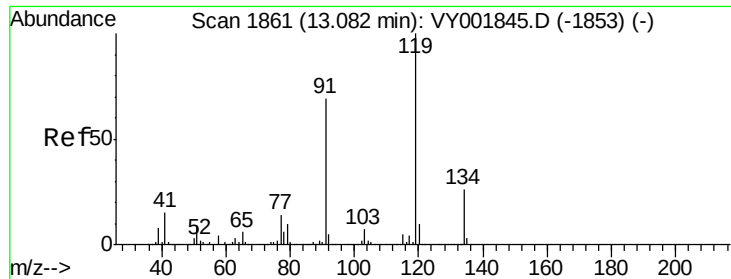
Tot Ion: 75 Resp: 14066
Ion Ratio Lower Upper
75 100
53 86.6 65.4 98.0
89 43.9 36.0 54.0



#82
4-Chlorotoluene
Concen: 20.529 ug/l
RT: 12.87 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

Tgt Ion: 91 Resp: 133079
Ion Ratio Lower Upper
91 100
126 33.0 16.4 49.2

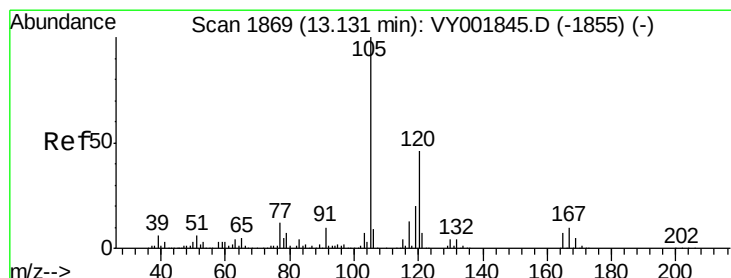
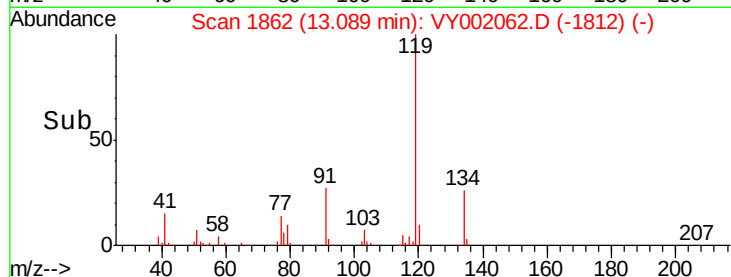
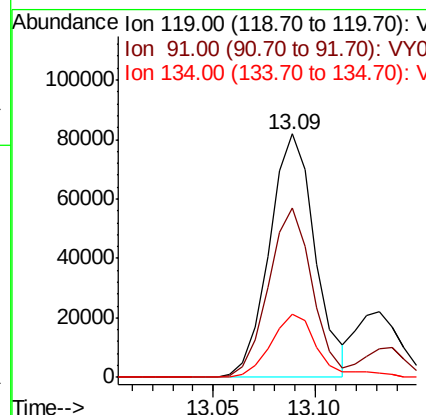
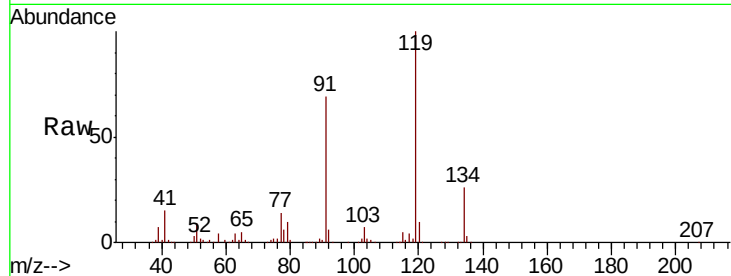




#83
tert-Butylbenzene
Concen: 20.443 ug/l
RT: 13.09 min Scan# 1862
Delta R.T. 0.01 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

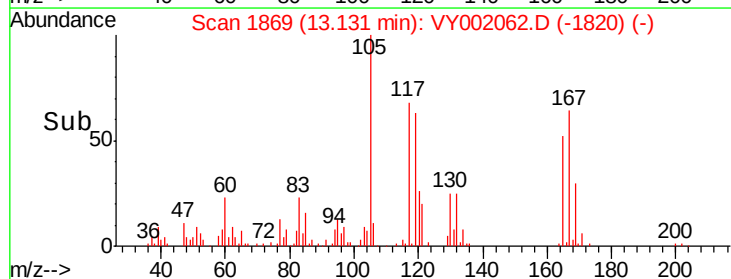
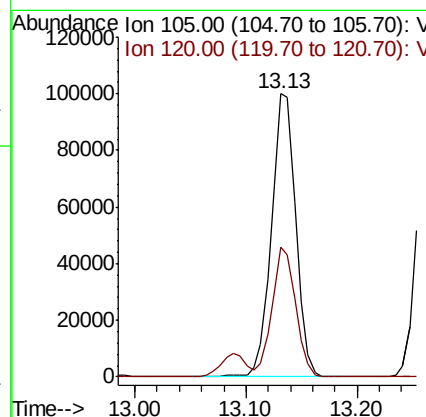
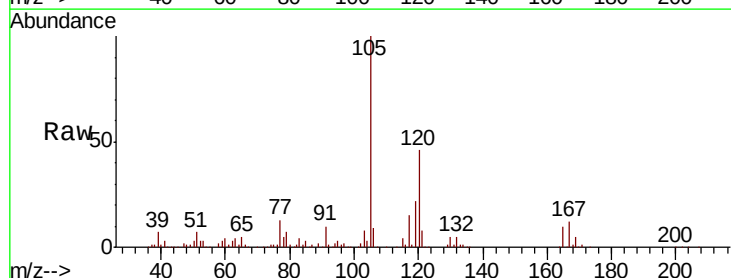
Instrument :
MSVOA_Y
ClientSampleId :

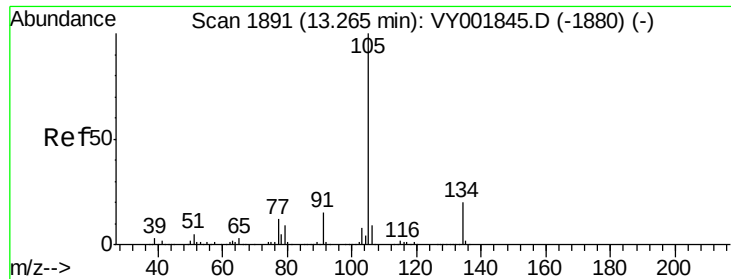
Tot Ion:119 Resp: 127686
Ion Ratio Lower Upper
119 100
91 66.6 34.0 101.8
134 27.0 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 20.415 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. 0.00 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

Tgt Ion:105 Resp: 152351
Ion Ratio Lower Upper
105 100
120 44.4 22.6 67.7





#85

sec-Butylbenzene

Concen: 20.410 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

Instrument :

MSVOA_Y

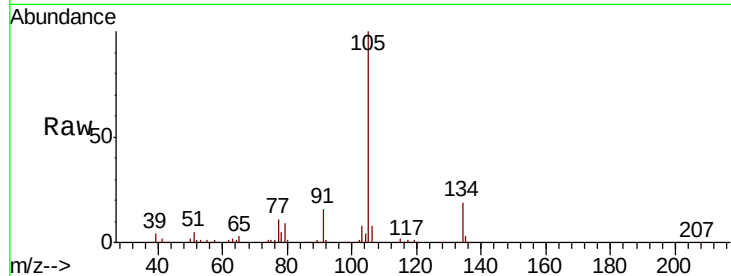
ClientSampleId :

Tot Ion:105 Resp: 187902

Ion Ratio Lower Upper

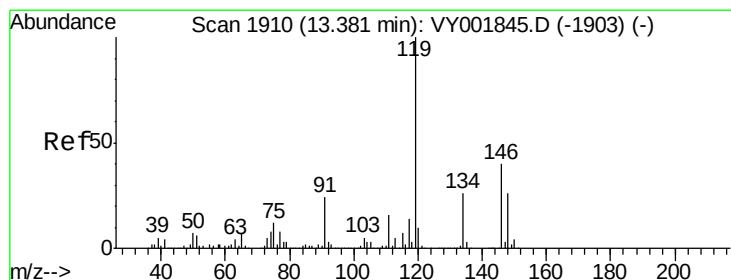
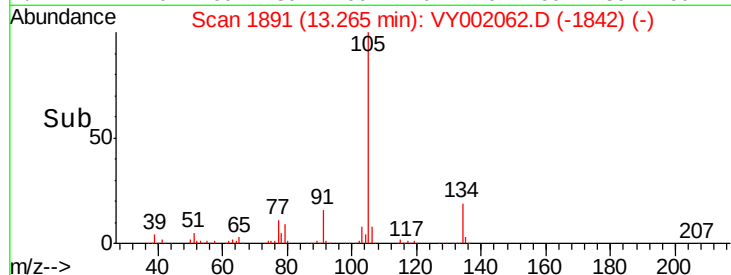
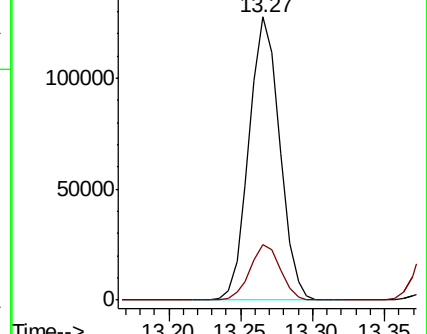
105 100

134 19.3 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.759 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.00 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

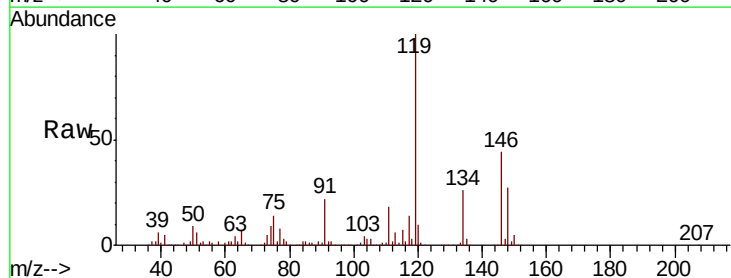
Tgt Ion:119 Resp: 164859

Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

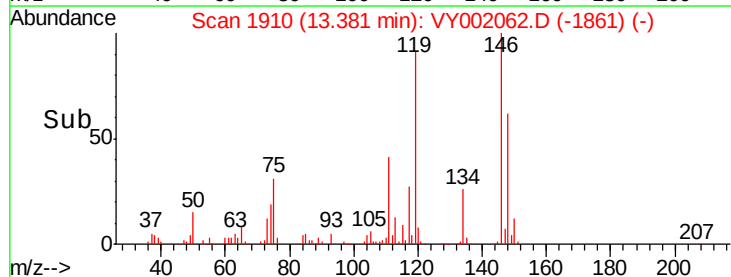
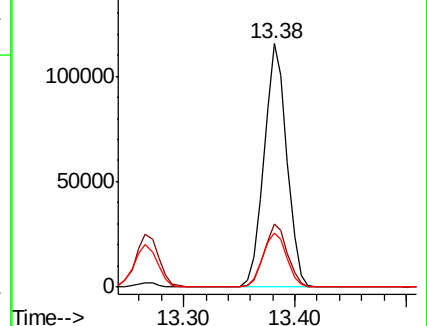
91 23.6 11.9 35.7

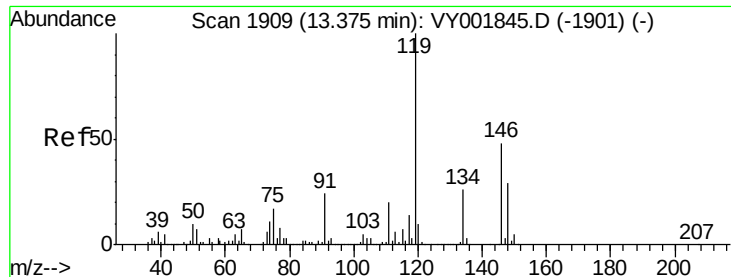


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

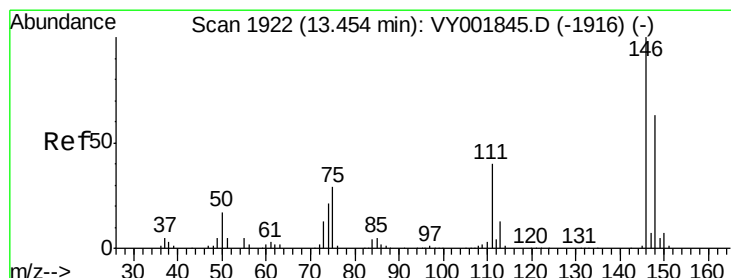
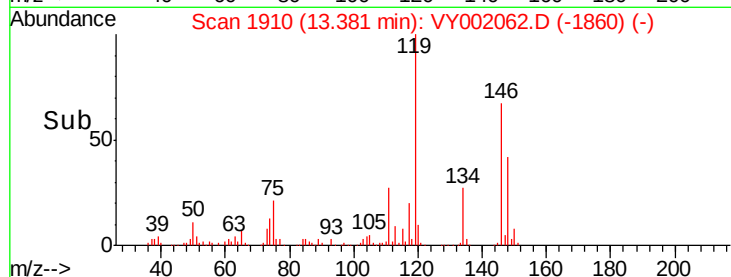
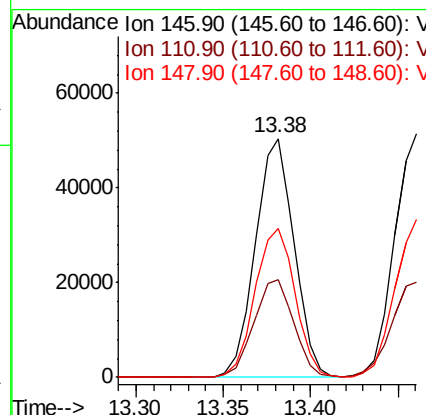
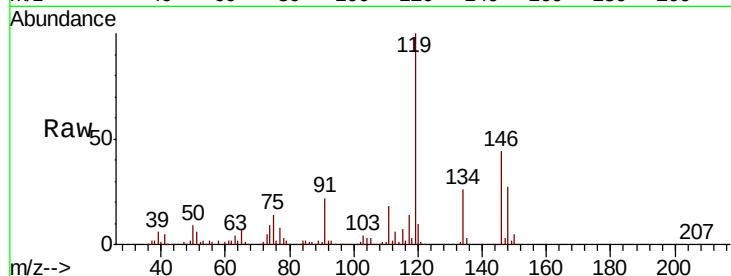




#87
 1,3-Dichlorobenzene
 Concen: 20.497 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. 0.01 min
 Lab File: VY002062.D
 Acq: 25 Mar 2020 13:32

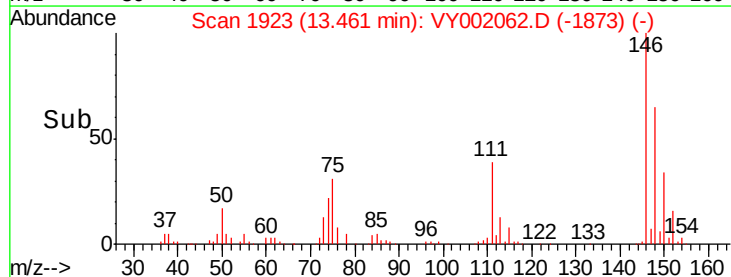
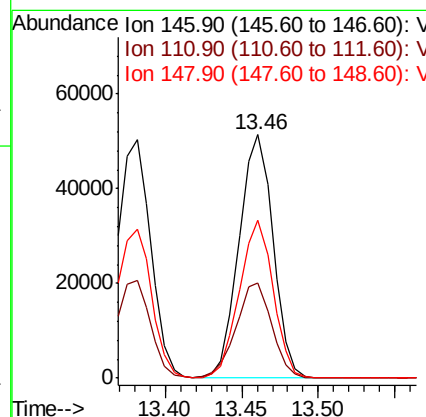
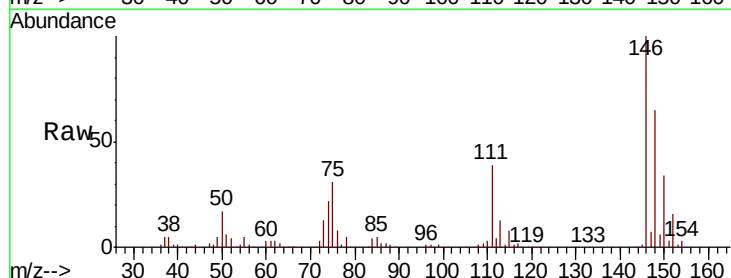
Instrument :
 MSVOA_Y
 ClientSampleId :

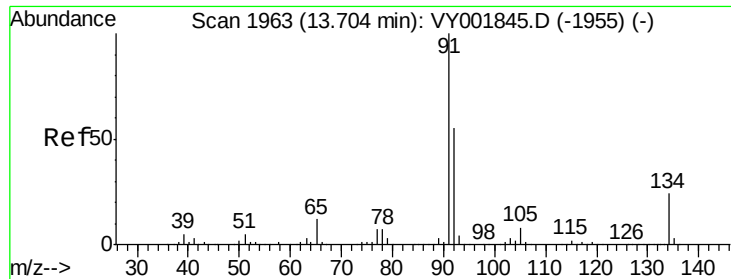
Tot Ion:146 Resp: 77733
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.8 62.5
 148 64.5 31.4 94.0



#88
 1,4-Dichlorobenzene
 Concen: 20.684 ug/l
 RT: 13.46 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VY002062.D
 Acq: 25 Mar 2020 13:32

Tgt Ion:146 Resp: 79579
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.0 60.0
 148 64.5 31.5 94.5

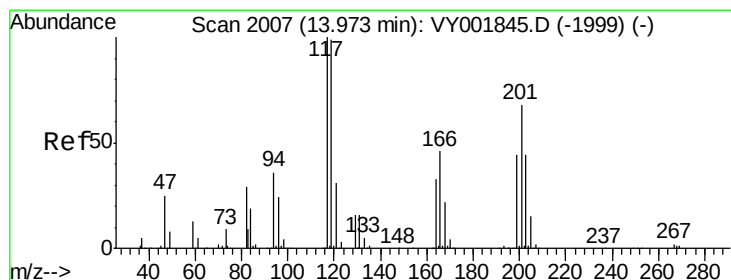
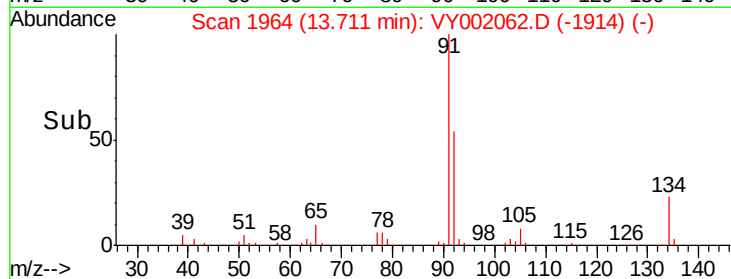
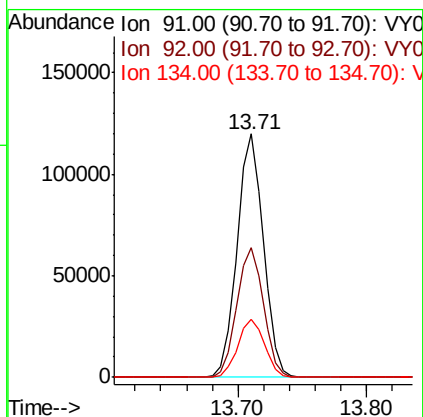
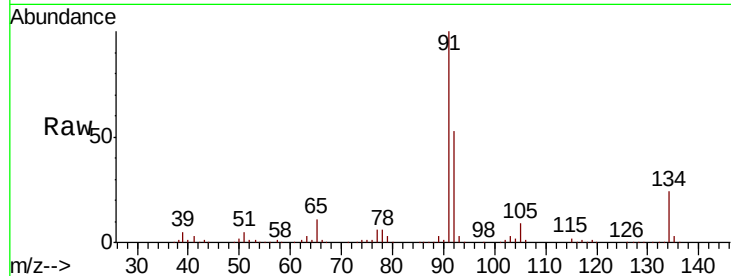




#89
n-Butylbenzene
Concen: 20.575 ug/l
RT: 13.71 min Scan# 1964
Delta R.T. 0.01 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

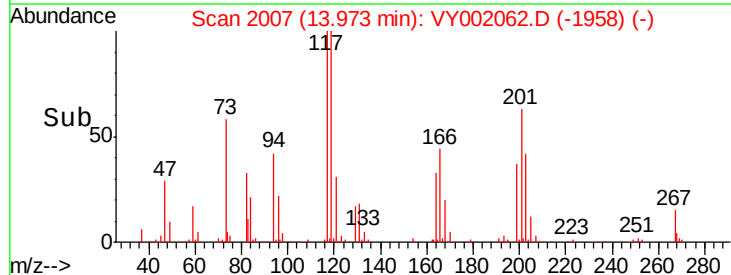
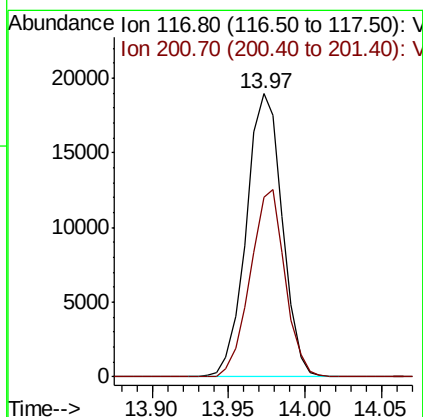
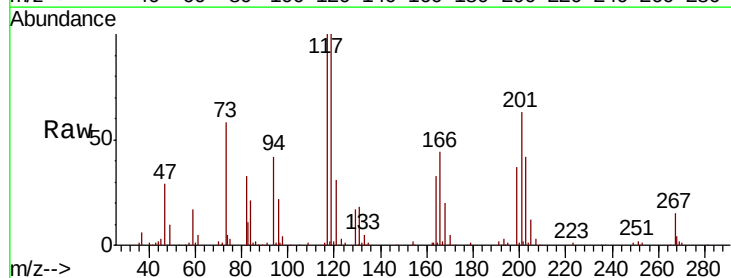
Instrument :
MSVOA_Y
ClientSampleId :

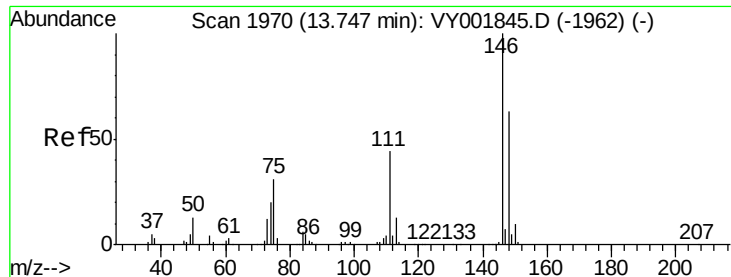
Tot Ion: 91 Resp: 169524
Ion Ratio Lower Upper
91 100
92 54.1 27.5 82.4
134 24.2 12.5 37.5



#90
Hexachloroethane
Concen: 20.698 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

Tgt Ion: 117 Resp: 31010
Ion Ratio Lower Upper
117 100
201 63.9 32.5 97.5





#91

1,2-Dichlorobenzene

Concen: 20.340 ug/l

RT: 13.75 min Scan# 1971

Delta R.T. 0.01 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

Instrument :

MSVOA_Y

ClientSampleId :

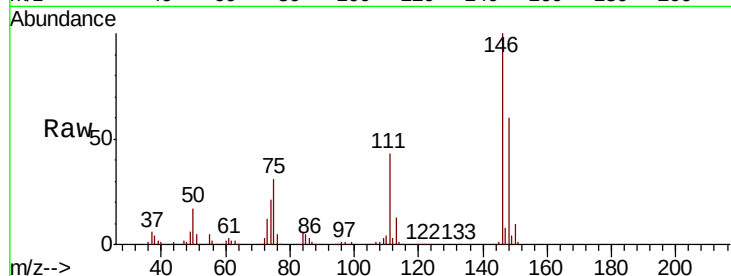
Tot Ion:146 Resp: 70080

Ion Ratio Lower Upper

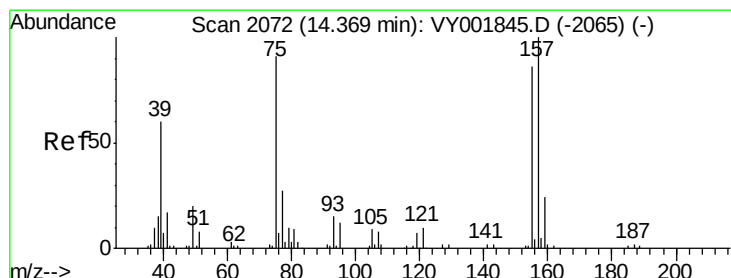
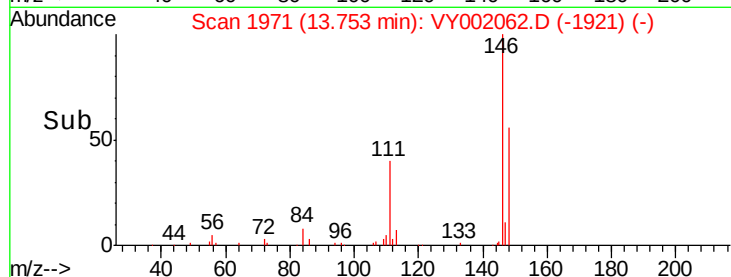
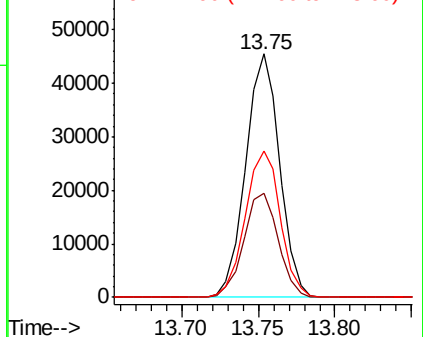
146 100

111 43.4 21.5 64.5

148 62.4 32.0 96.0



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.941 ug/l

RT: 14.37 min Scan# 2072

Delta R.T. 0.00 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

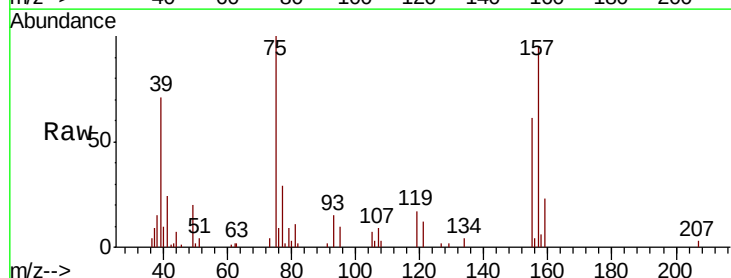
Tgt Ion: 75 Resp: 6437

Ion Ratio Lower Upper

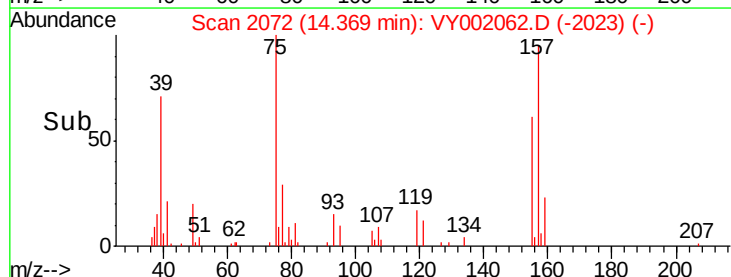
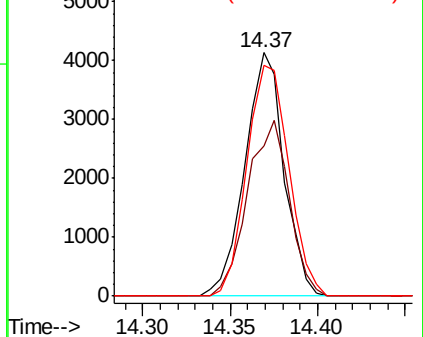
75 100

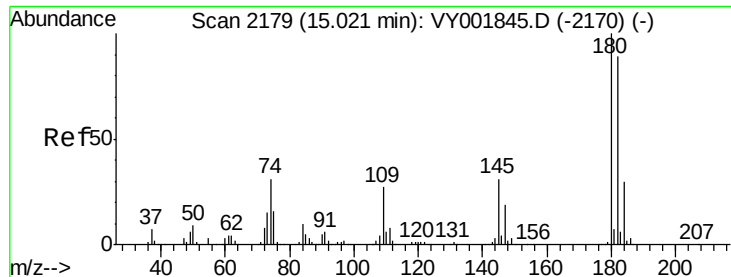
155 76.6 42.9 128.7

157 101.7 53.1 159.4



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

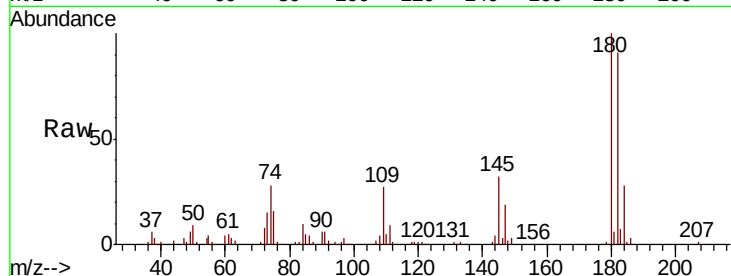




#93
 1,2,4-Trichlorobenzene
 Concen: 20.992 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.00 min
 Lab File: VY002062.D
 Acq: 25 Mar 2020 13:32

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.2	46.1	138.3
145	31.8	15.6	46.8

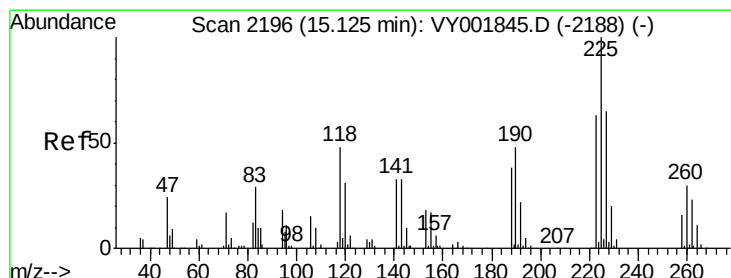
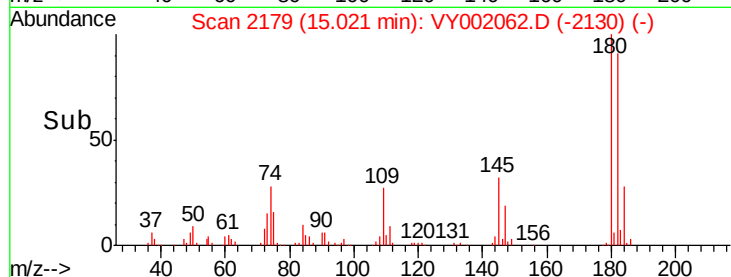
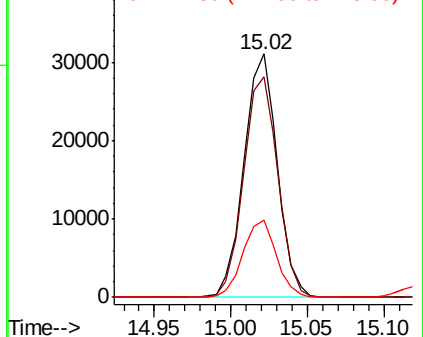


Abundance

Ion 179.80 (179.50 to 180.50): V

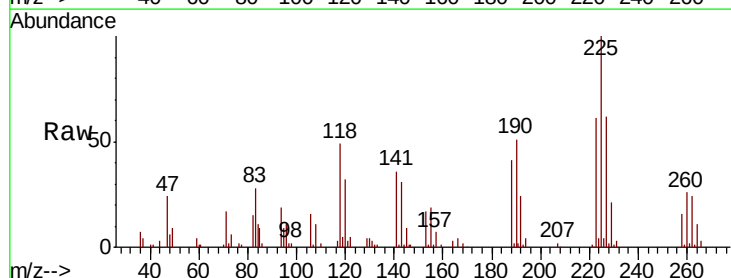
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 20.980 ug/l
 RT: 15.12 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: VY002062.D
 Acq: 25 Mar 2020 13:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	31.5	94.5
227	62.9	31.9	95.5

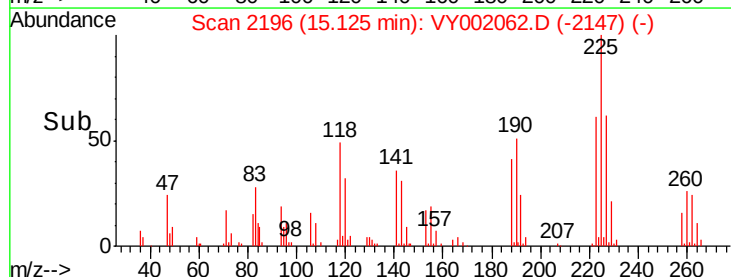
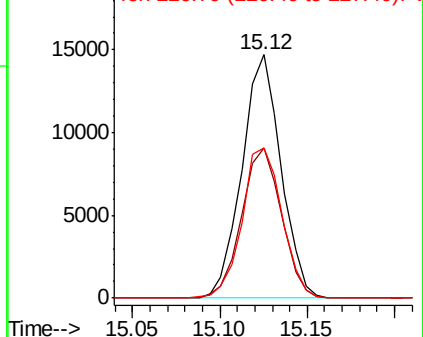


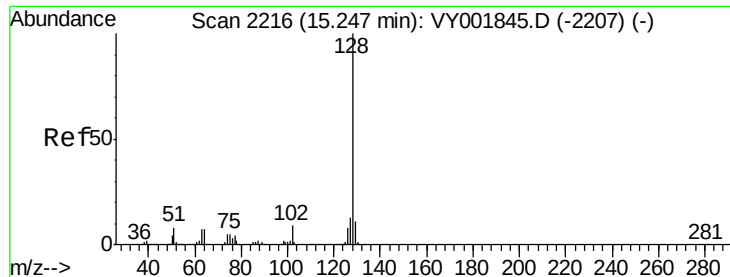
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 19.797 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. 0.00 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

Instrument :

MSVOA_Y

ClientSampleId :

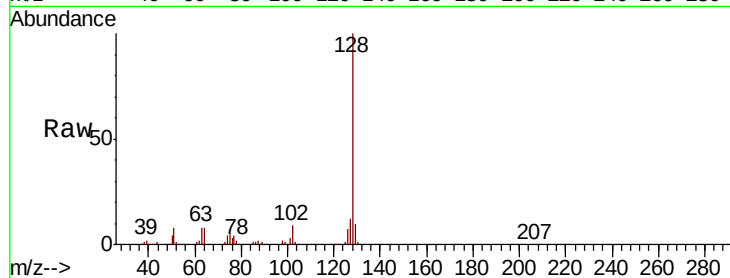
Tot Ion:128 Resp: 104922

Ion Ratio Lower Upper

128 100

127 12.5 10.1 15.1

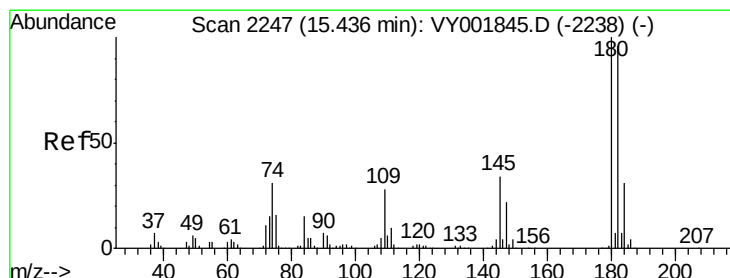
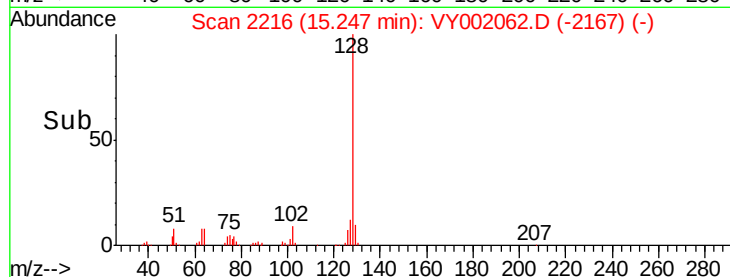
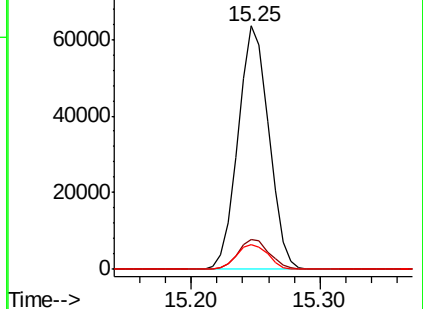
129 10.7 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.403 ug/l

RT: 15.44 min Scan# 2247

Delta R.T. 0.00 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

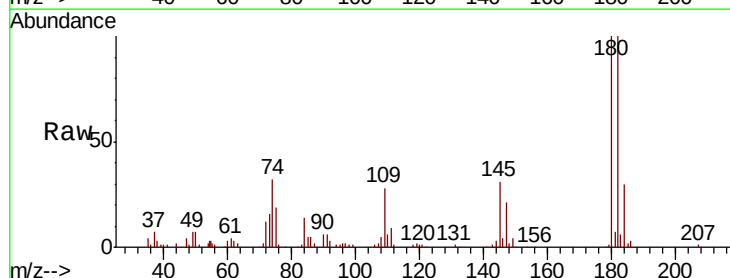
Tgt Ion:180 Resp: 40161

Ion Ratio Lower Upper

180 100

182 97.9 47.6 142.9

145 33.1 16.8 50.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

