

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051723\
 Data File : VY013777.D
 Acq On : 17 May 2023 15:39
 Operator : KP/MD
 Sample : VY0517SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0517SBS01

Quant Time: May 18 07:03:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051723S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 18 06:54:18 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	255105	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	400935	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	356850	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	169197	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	146862	49.557	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.120%
35) Dibromofluoromethane	7.716	113	128385	49.935	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.880%
50) Toluene-d8	10.179	98	500100	51.307	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.620%
62) 4-Bromofluorobenzene	12.477	95	164357	50.766	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.540%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	37577	20.516	ug/l	96
3) Chloromethane	2.113	50	56680	20.412	ug/l	99
4) Vinyl Chloride	2.253	62	56446	20.357	ug/l	99
5) Bromomethane	2.650	94	52890	21.511	ug/l	98
6) Chloroethane	2.790	64	40107	21.044	ug/l	100
7) Trichlorofluoromethane	3.125	101	82109	20.346	ug/l	96
8) Diethyl Ether	3.534	74	25531	18.907	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.899	101	48463	20.519	ug/l	98
10) Methyl Iodide	4.088	142	48853	18.827	ug/l	99
11) Tert butyl alcohol	4.930	59	43529	181.317	ug/l #	73
12) 1,1-Dichloroethene	3.869	96	42105	19.668	ug/l	97
13) Acrolein	3.735	56	40445	94.305	ug/l	100
14) Allyl chloride	4.479	41	84279	19.985	ug/l	99
15) Acrylonitrile	5.155	53	74577	94.175	ug/l	100
16) Acetone	3.960	43	78741	88.068	ug/l	95
17) Carbon Disulfide	4.192	76	120618	19.608	ug/l	98
18) Methyl Acetate	4.479	43	59352	19.041	ug/l	100
19) Methyl tert-butyl Ether	5.222	73	126460	19.470	ug/l	100
20) Methylene Chloride	4.716	84	73089	23.914	ug/l	100
21) trans-1,2-Dichloroethene	5.222	96	48057	19.936	ug/l	93
22) Diisopropyl ether	6.119	45	180600	20.133	ug/l	98
23) Vinyl Acetate	6.058	43	505062	97.299	ug/l	99
24) 1,1-Dichloroethane	6.009	63	98663	20.120	ug/l	98
25) 2-Butanone	6.990	43	108882	93.680	ug/l	99
26) 2,2-Dichloropropane	6.978	77	85862	20.499	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	56668	19.951	ug/l	97
28) Bromochloromethane	7.332	49	35617	20.759	ug/l	98
29) Tetrahydrofuran	7.344	42	65340	93.955	ug/l	99
30) Chloroform	7.502	83	97586	19.748	ug/l	95
31) Cyclohexane	7.783	56	84938	19.991	ug/l	96
32) 1,1,1-Trichloroethane	7.704	97	85814	20.344	ug/l	99
36) 1,1-Dichloropropene	7.917	75	71637	20.166	ug/l	99
37) Ethyl Acetate	7.070	43	46399	18.988	ug/l	99
38) Carbon Tetrachloride	7.899	117	76288	20.357	ug/l	98
39) Methylcyclohexane	9.179	83	80276	19.882	ug/l	95
40) Benzene	8.161	78	207491	20.100	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	64122	52.806	ug/l #	25
42) 1,2-Dichloroethane	8.234	62	65964	19.777	ug/l	100
43) Isopropyl Acetate	8.271	43	84396	19.029	ug/l	98
44) Trichloroethene	8.941	130	53481	19.818	ug/l	94
45) 1,2-Dichloropropane	9.216	63	57668	20.329	ug/l	94
46) Dibromomethane	9.301	93	31061	19.551	ug/l	98
47) Bromodichloromethane	9.496	83	75803	20.147	ug/l #	98
48) Methyl methacrylate	9.289	41	36754	18.040	ug/l	96
49) 1,4-Dioxane	9.301	88	7294	374.076	ug/l #	82
51) 4-Methyl-2-Pentanone	10.069	43	231617	93.779	ug/l	100
52) Toluene	10.240	92	129084	20.626	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	75087	19.356	ug/l	96
54) cis-1,3-Dichloropropene	9.923	75	85084	19.658	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	42644	19.735	ug/l	99
56) Ethyl methacrylate	10.508	69	54323	18.838	ug/l	96
57) 1,3-Dichloropropane	10.788	76	73783	19.848	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	107414	102.814	ug/l	100
59) 2-Hexanone	10.831	43	164850	93.901	ug/l	100
60) Dibromochloromethane	10.984	129	50857	19.424	ug/l	98
61) 1,2-Dibromoethane	11.087	107	39338	19.306	ug/l	98
64) Tetrachloroethene	10.715	164	45319	20.020	ug/l	98
65) Chlorobenzene	11.514	112	134264	19.878	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	51386	19.580	ug/l	99
67) Ethyl Benzene	11.587	91	245539	20.458	ug/l	97
68) m/p-Xylenes	11.697	106	185856	41.343	ug/l	100
69) o-Xylene	12.026	106	86748	20.286	ug/l	99
70) Styrene	12.038	104	145092	19.977	ug/l	99
71) Bromoform	12.203	173	33622	19.392	ug/l #	99
73) Isopropylbenzene	12.325	105	231631	20.222	ug/l	100
74) N-amyl acetate	12.142	43	73505	18.910	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	53447	19.697	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	67184	32.809	ug/l #	100
77) Bromobenzene	12.605	156	56398	20.411	ug/l	98
78) n-propylbenzene	12.666	91	291086	20.630	ug/l	100
79) 2-Chlorotoluene	12.752	91	160809	20.193	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	190223	20.366	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	18386	19.990	ug/l	99
82) 4-Chlorotoluene	12.849	91	168709	20.338	ug/l	98
83) tert-Butylbenzene	13.069	119	164293	20.199	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	190738	20.836	ug/l	99
85) sec-Butylbenzene	13.251	105	255279	20.801	ug/l	99
86) p-Isopropyltoluene	13.367	119	205363	20.723	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	110727	20.584	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	108291	20.021	ug/l	98
89) n-Butylbenzene	13.690	91	199303	20.514	ug/l	99
90) Hexachloroethane	13.959	117	42762	20.420	ug/l	99
91) 1,2-Dichlorobenzene	13.733	146	97295	20.312	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7982	18.155	ug/l	92
93) 1,2,4-Trichlorobenzene	15.001	180	55168	19.408	ug/l	99
94) Hexachlorobutadiene	15.105	225	34550	19.566	ug/l	98
95) Naphthalene	15.233	128	101881	18.058	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	47075	18.407	ug/l	99

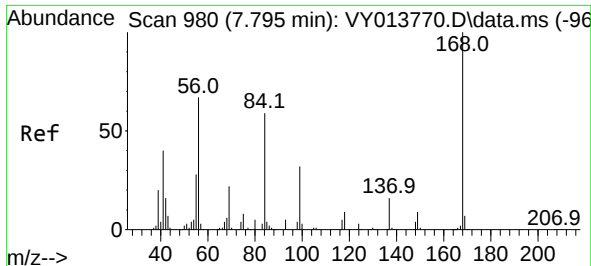
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051723\
Data File : VY013777.D
Acq On : 17 May 2023 15:39
Operator : KP/MD
Sample : VY0517SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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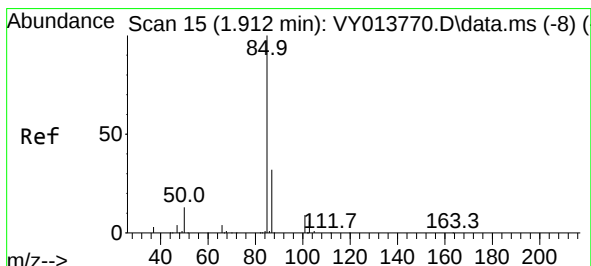
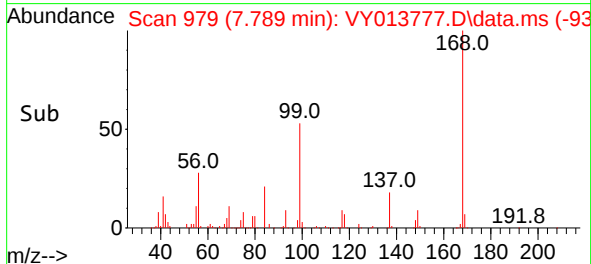
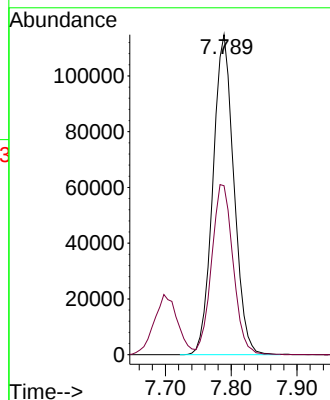
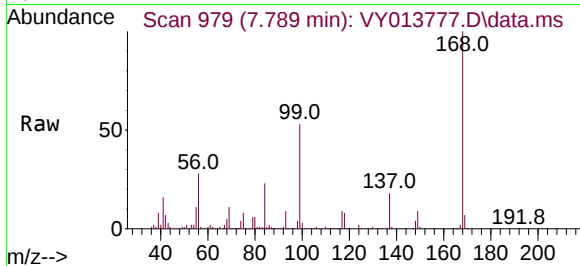
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013777.D
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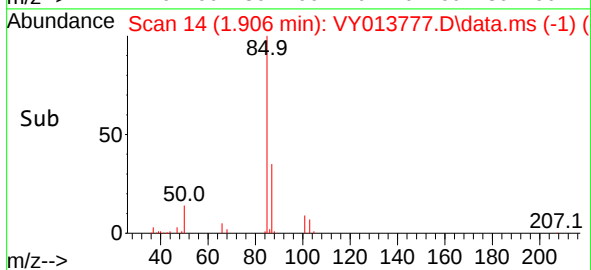
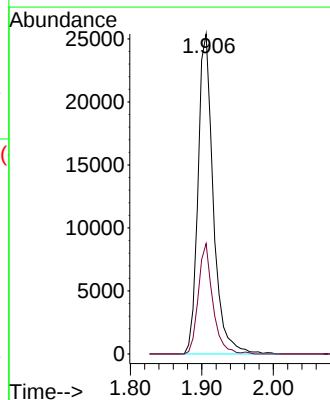
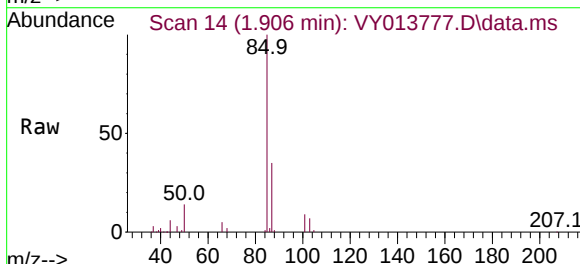
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBS01

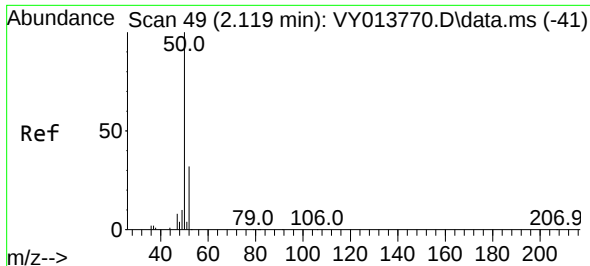
Tgt Ion:168 Resp: 255105
Ion Ratio Lower Upper
168 100
99 52.7 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 20.516 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY013777.D
Acq: 17 May 2023 15:39

Tgt Ion: 85 Resp: 37577
Ion Ratio Lower Upper
85 100
87 34.5 16.1 48.2

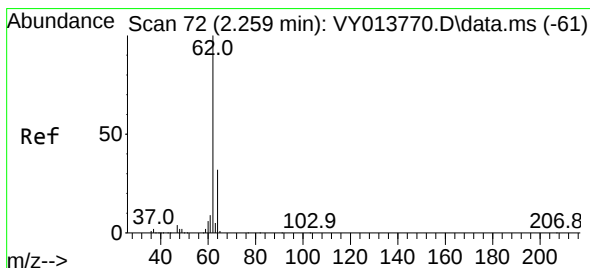
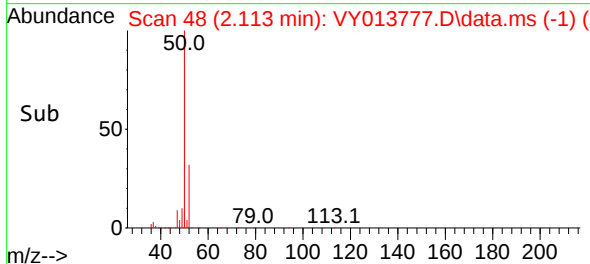
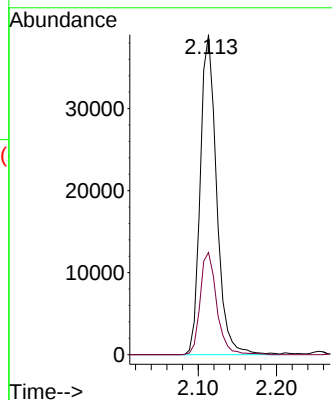
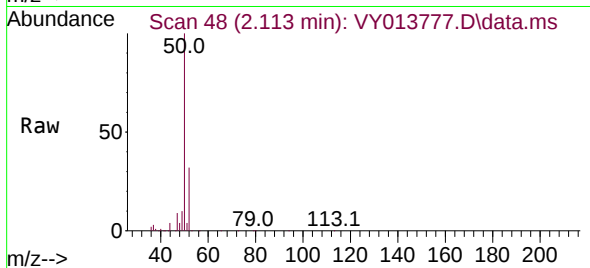




#3
Chloromethane
Concen: 20.412 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013777.D
Acq: 17 May 2023 15:39

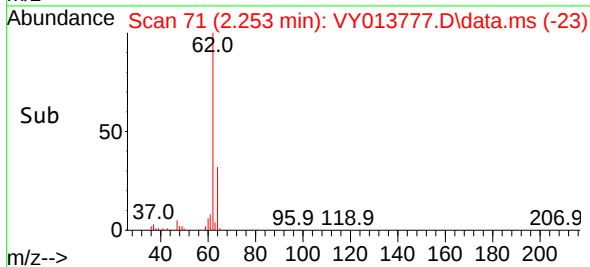
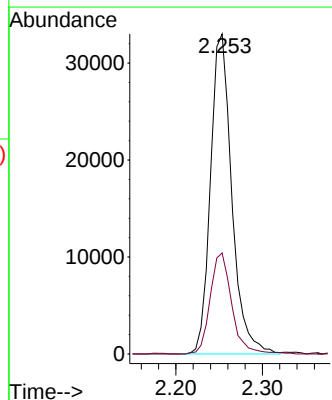
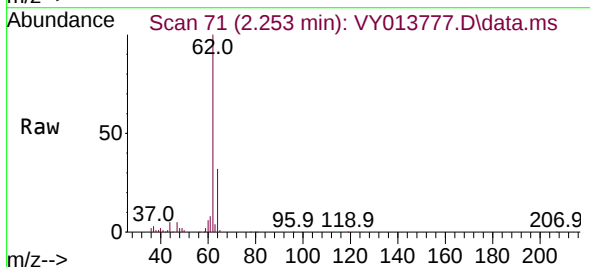
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBSD01

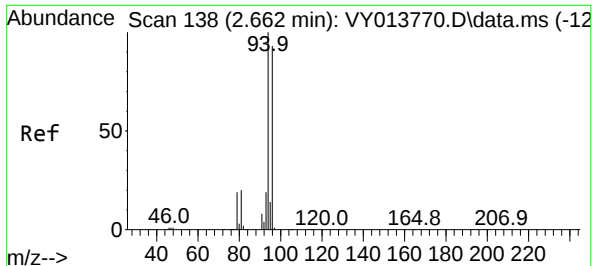
Tgt Ion: 50 Resp: 56680
Ion Ratio Lower Upper
50 100
52 31.9 26.0 39.0



#4
Vinyl Chloride
Concen: 20.357 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY013777.D
Acq: 17 May 2023 15:39

Tgt Ion: 62 Resp: 56446
Ion Ratio Lower Upper
62 100
64 31.5 25.8 38.6

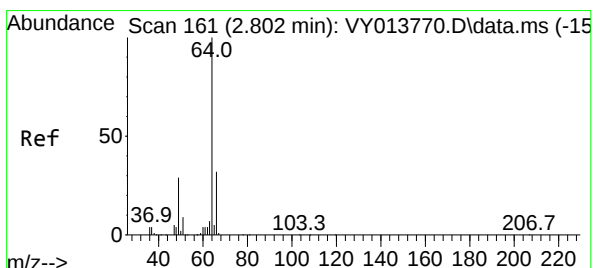
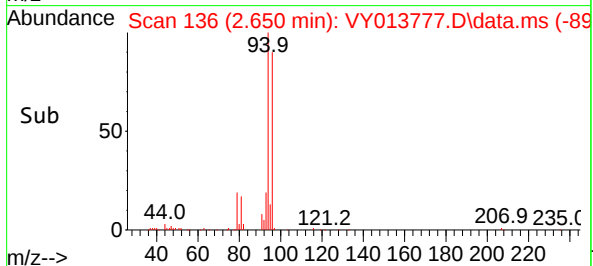
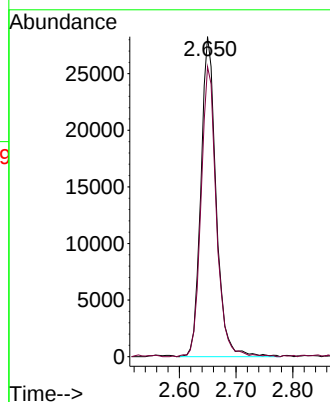
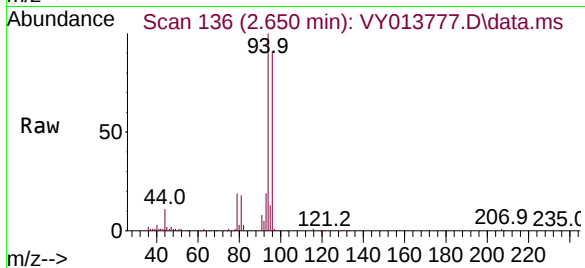




#5
Bromomethane
Concen: 21.511 ug/l
RT: 2.650 min Scan# 111
Delta R.T. -0.012 min
Lab File: VY013777.D
Acq: 17 May 2023 15:39

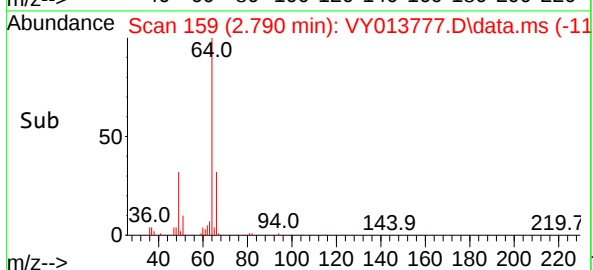
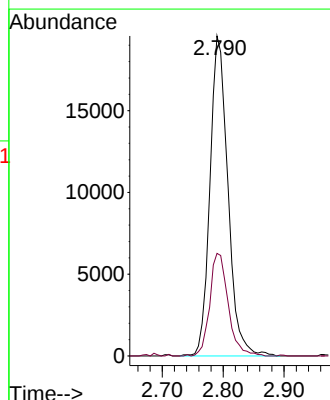
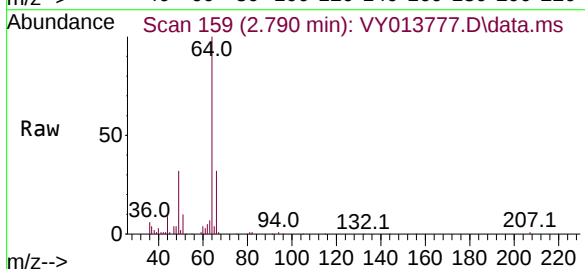
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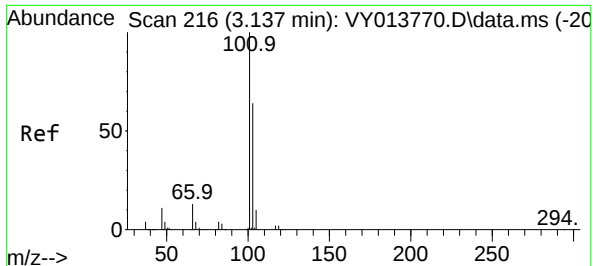
Tgt Ion: 94 Resp: 52890
Ion Ratio Lower Upper
94 100
96 90.6 74.2 111.4



#6
Chloroethane
Concen: 21.044 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.012 min
Lab File: VY013777.D
Acq: 17 May 2023 15:39

Tgt Ion: 64 Resp: 40107
Ion Ratio Lower Upper
64 100
66 32.1 25.8 38.6

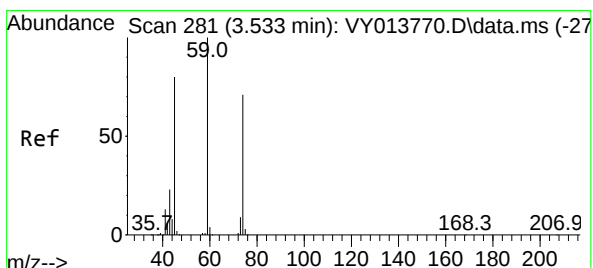
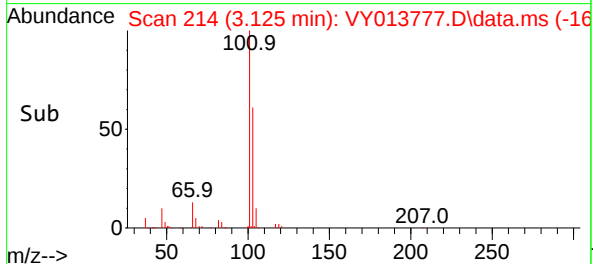
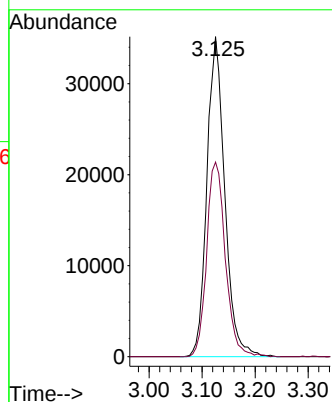
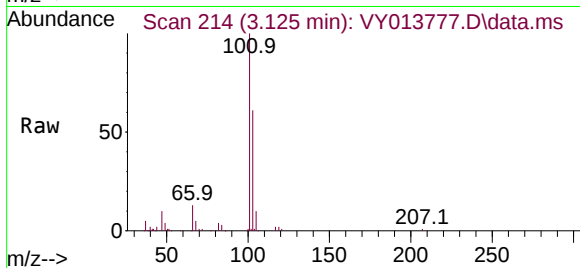




#7
Trichlorofluoromethane
Concen: 20.346 ug/l
RT: 3.125 min Scan# 216
Delta R.T. -0.012 min
Lab File: VY013777.D
Acq: 17 May 2023 15:39

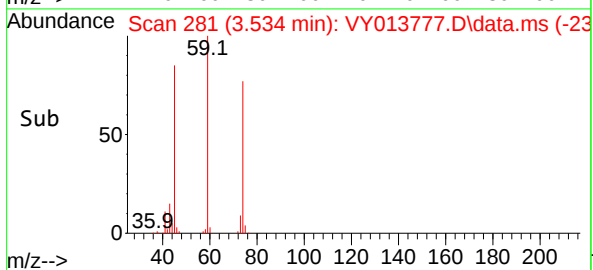
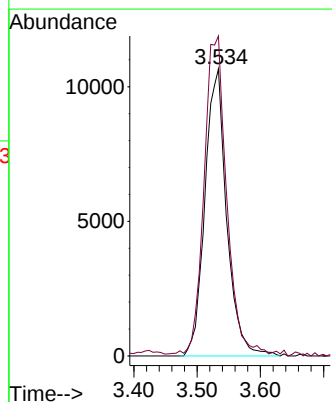
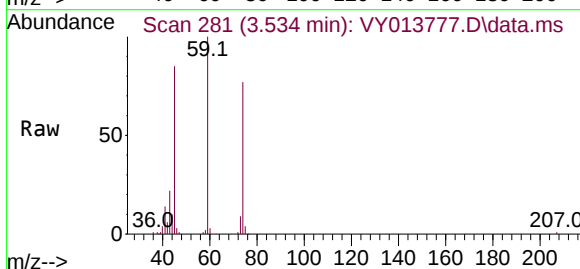
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBSD01

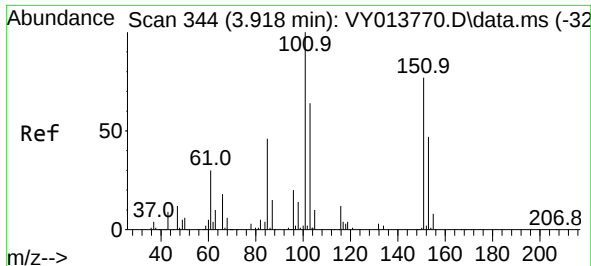
Tgt Ion:101 Resp: 82109
Ion Ratio Lower Upper
101 100
103 60.8 51.4 77.0



#8
Diethyl Ether
Concen: 18.907 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.000 min
Lab File: VY013777.D
Acq: 17 May 2023 15:39

Tgt Ion: 74 Resp: 25531
Ion Ratio Lower Upper
74 100
45 114.5 56.1 168.3

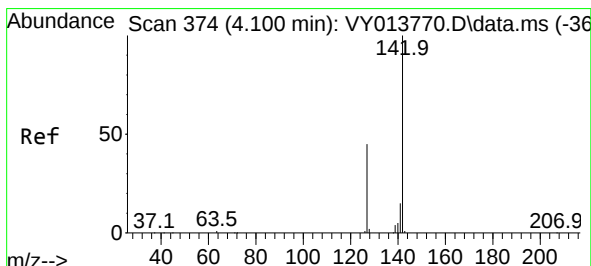
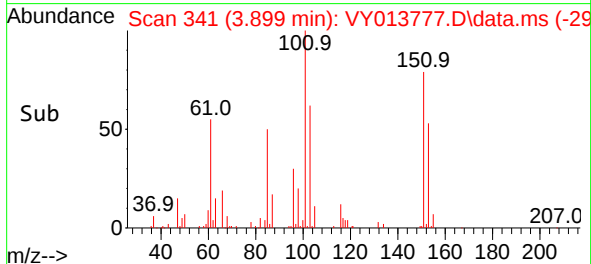
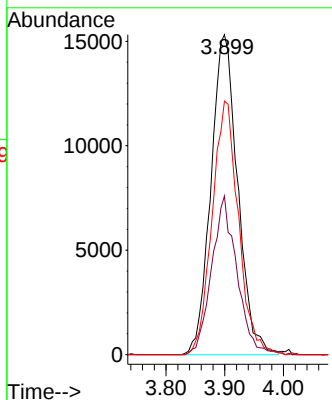
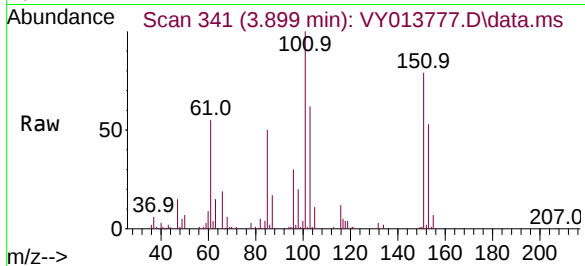




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.519 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.018 min
Lab File: VY013777.D
Acq: 17 May 2023 15:39

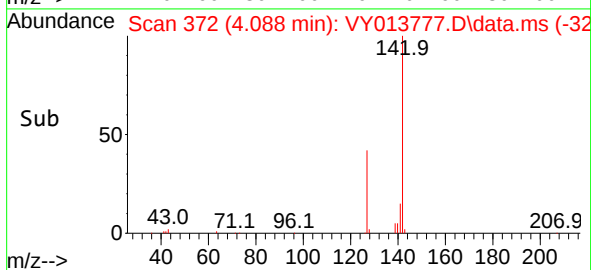
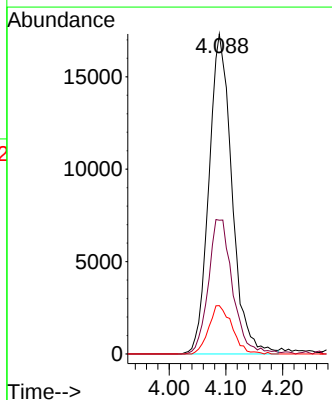
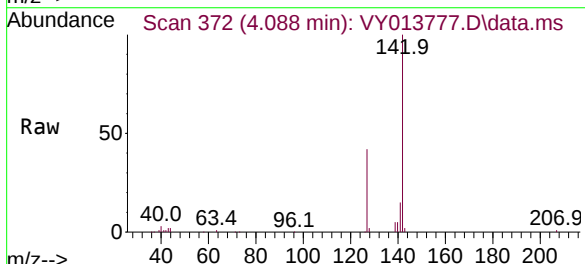
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBSD01

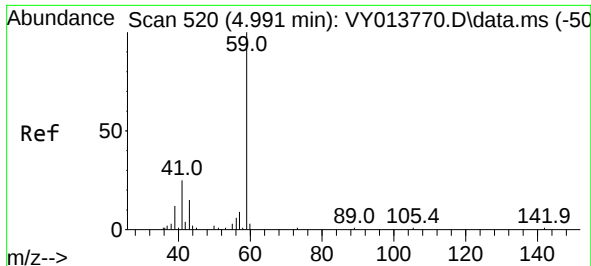
Tgt Ion:101 Resp: 48463
Ion Ratio Lower Upper
101 100
85 46.7 37.8 56.8
151 77.9 64.2 96.2



#10
Methyl Iodide
Concen: 18.827 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.012 min
Lab File: VY013777.D
Acq: 17 May 2023 15:39

Tgt Ion:142 Resp: 48853
Ion Ratio Lower Upper
142 100
127 44.3 35.4 53.2
141 15.3 11.5 17.3





#11

Tert butyl alcohol

Concen: 181.317 ug/l

RT: 4.930 min Scan# 51

Delta R.T. -0.061 min

Lab File: VY013777.D

Acq: 17 May 2023 15:39

Instrument :

MSVOA_Y

ClientSampleId :

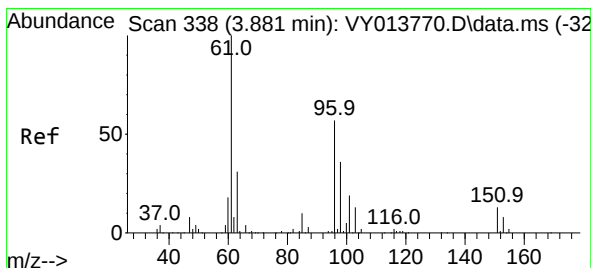
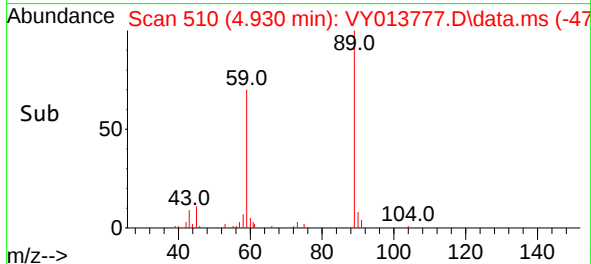
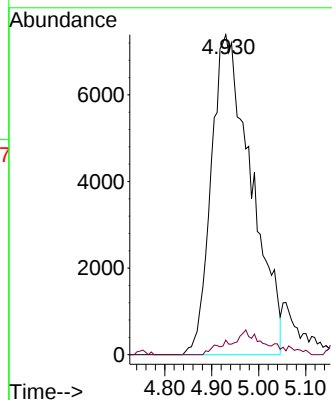
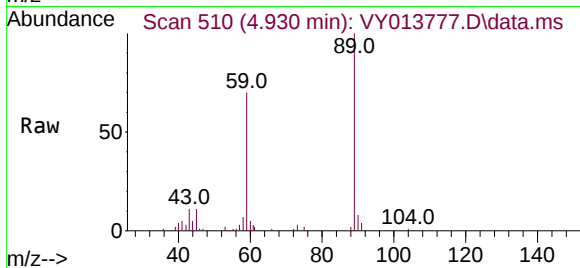
VY0517SBS01

Tgt Ion: 59 Resp: 43529

Ion Ratio Lower Upper

59 100

57 0.0 8.0 12.0#



#12

1,1-Dichloroethene

Concen: 19.668 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.012 min

Lab File: VY013777.D

Acq: 17 May 2023 15:39

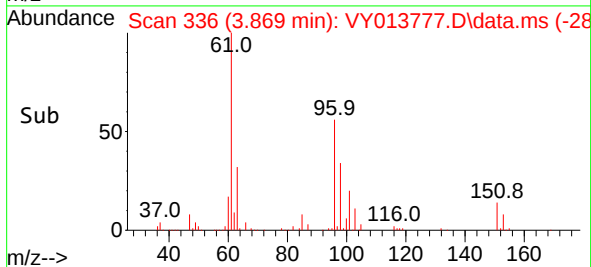
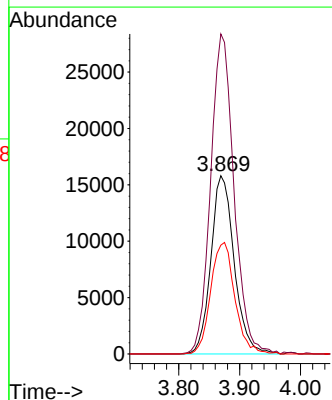
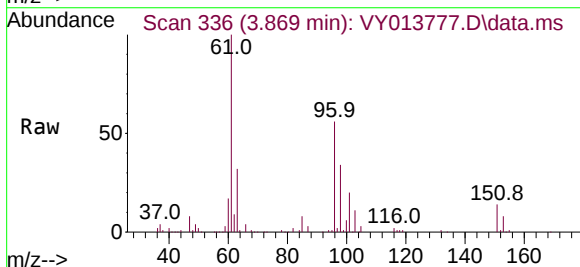
Tgt Ion: 96 Resp: 42105

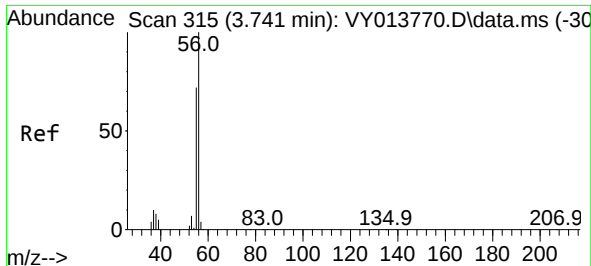
Ion Ratio Lower Upper

96 100

61 179.5 139.8 209.6

98 61.0 49.7 74.5





#13

Acrolein

Concen: 94.305 ug/l

RT: 3.735 min Scan# 315

Delta R.T. -0.006 min

Lab File: VY013777.D

Acq: 17 May 2023 15:39

Instrument :

MSVOA_Y

ClientSampleId :

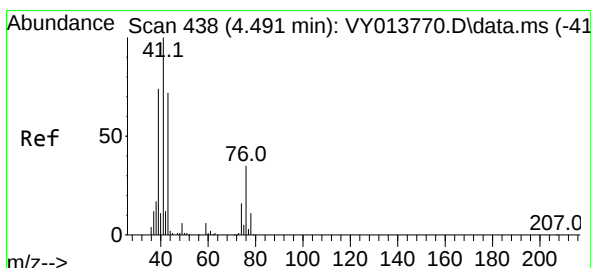
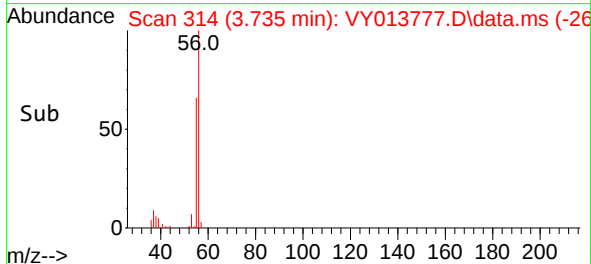
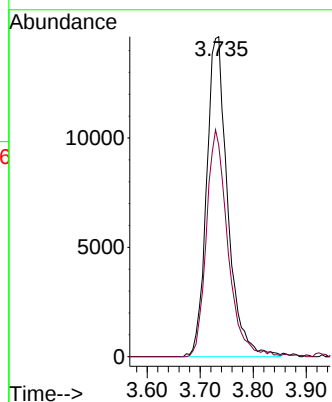
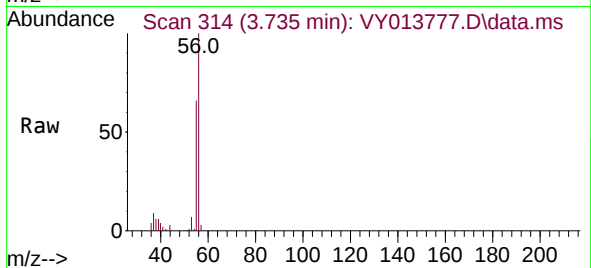
VY0517SBSD01

Tgt Ion: 56 Resp: 40445

Ion Ratio Lower Upper

56 100

55 72.0 57.5 86.3



#14

Allyl chloride

Concen: 19.985 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.012 min

Lab File: VY013777.D

Acq: 17 May 2023 15:39

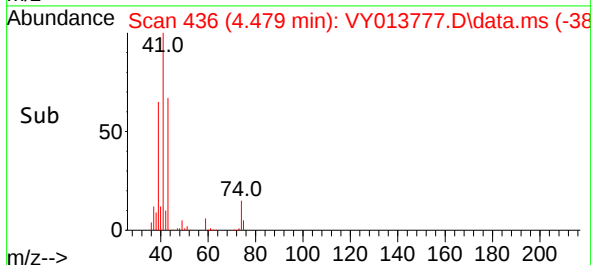
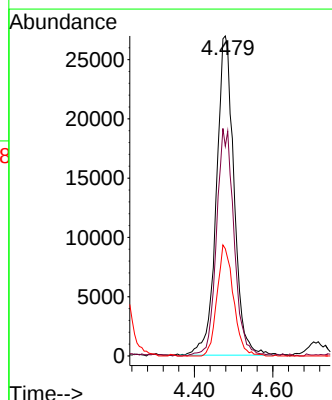
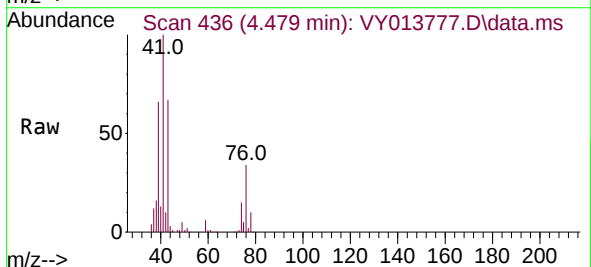
Tgt Ion: 41 Resp: 84279

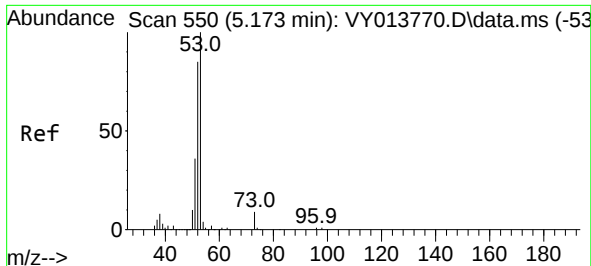
Ion Ratio Lower Upper

41 100

39 71.0 55.8 83.6

76 32.3 26.2 39.2

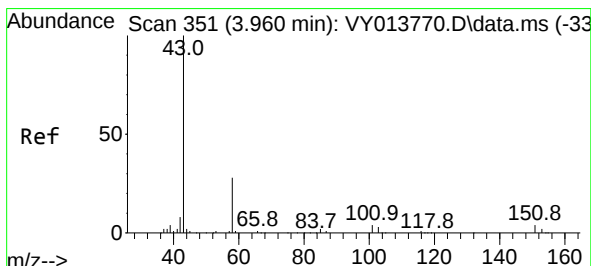
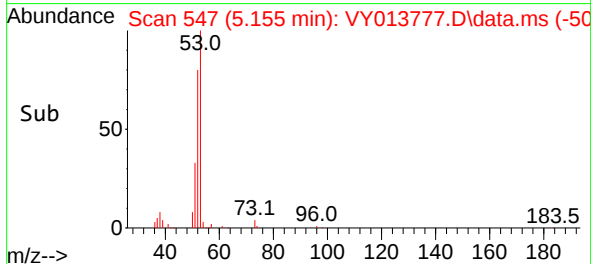
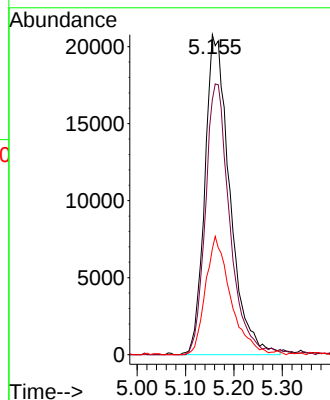
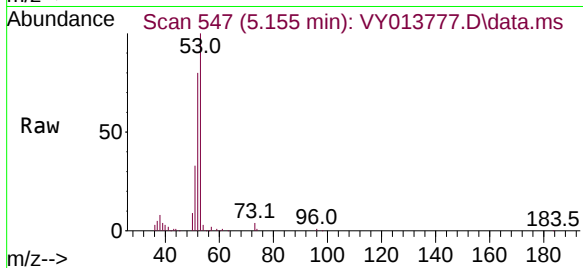




#15
Acrylonitrile
Concen: 94.175 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.018 min
Lab File: VY013777.D
Acq: 17 May 2023 15:39

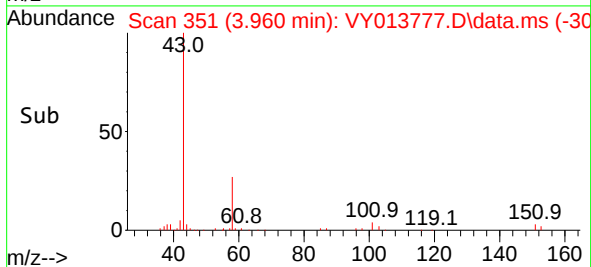
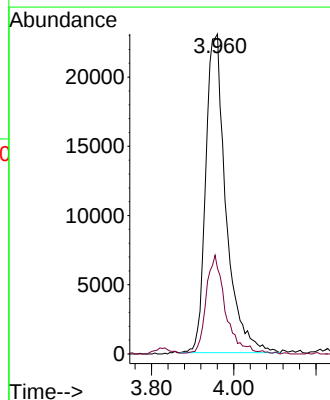
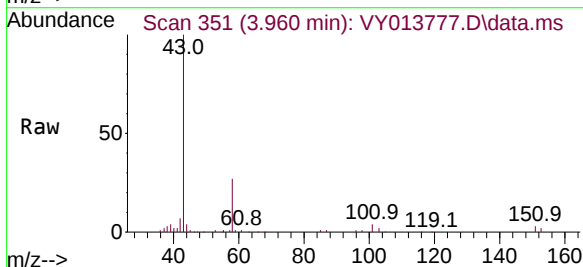
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBSD01

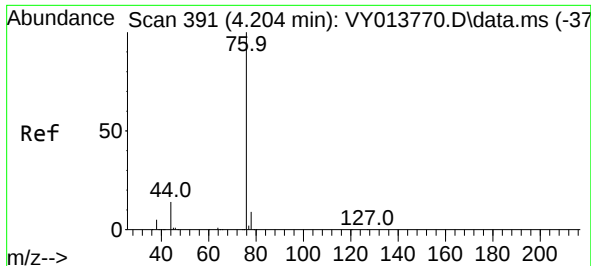
Tgt Ion: 53 Resp: 74577
Ion Ratio Lower Upper
53 100
52 83.0 66.5 99.7
51 37.1 30.1 45.1



#16
Acetone
Concen: 88.068 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY013777.D
Acq: 17 May 2023 15:39

Tgt Ion: 43 Resp: 78741
Ion Ratio Lower Upper
43 100
58 26.8 23.7 35.5

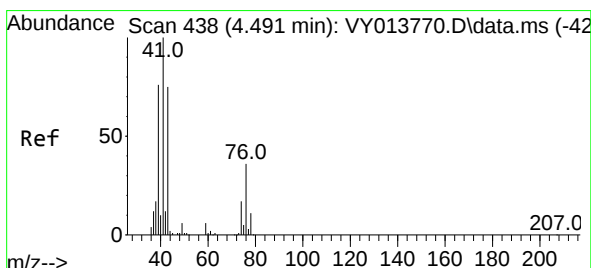
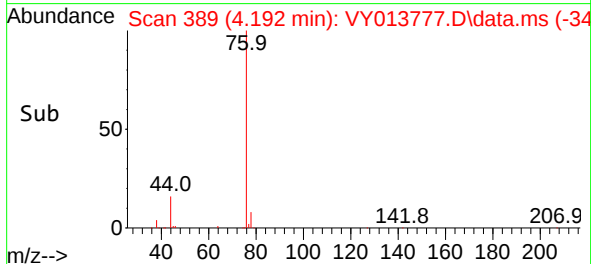
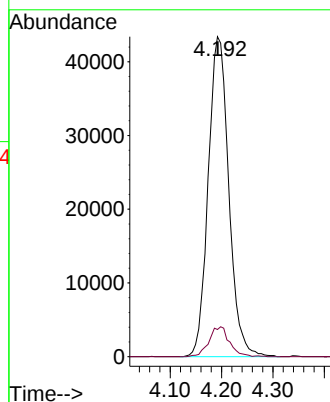
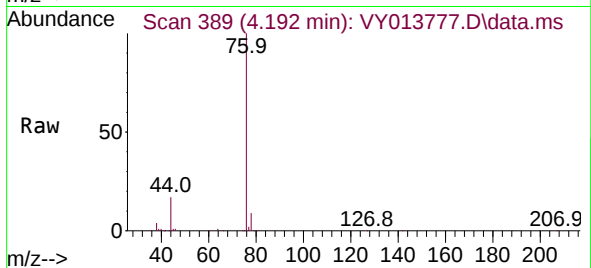




#17
Carbon Disulfide
Concen: 19.608 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY013777.D
Acq: 17 May 2023 15:39

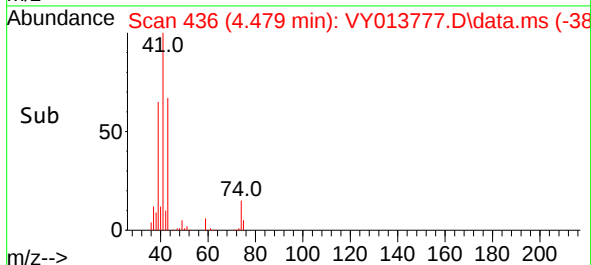
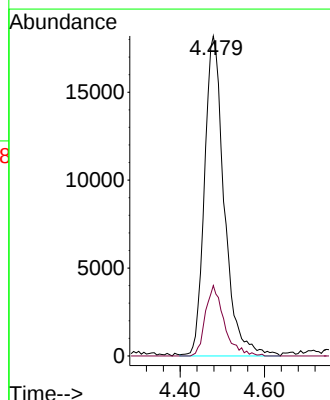
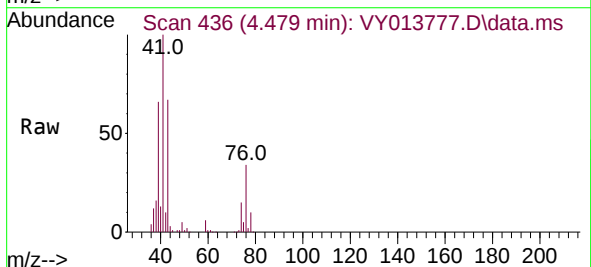
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBSD01

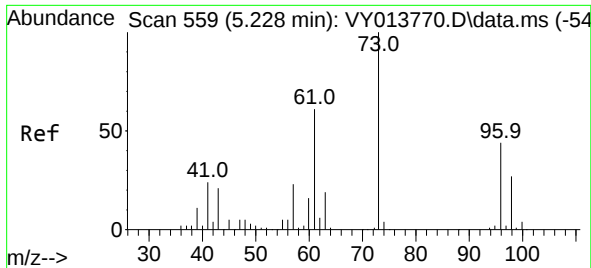
Tgt Ion: 76 Resp: 120618
Ion Ratio Lower Upper
76 100
78 8.5 7.5 11.3



#18
Methyl Acetate
Concen: 19.041 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY013777.D
Acq: 17 May 2023 15:39

Tgt Ion: 43 Resp: 59352
Ion Ratio Lower Upper
43 100
74 21.0 16.6 25.0

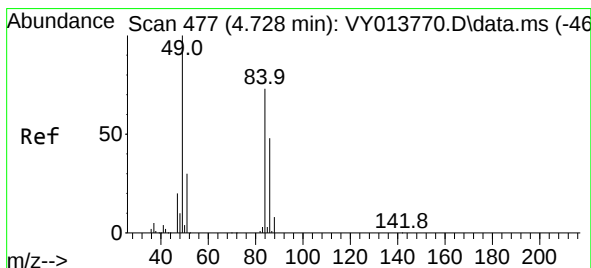
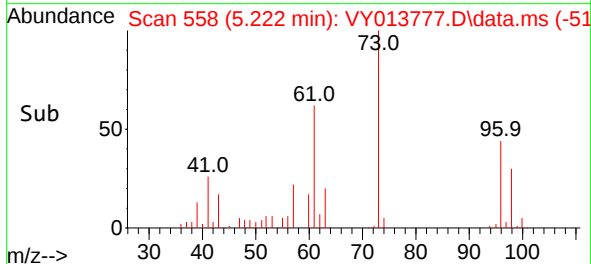
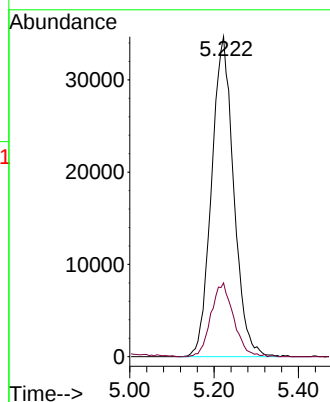
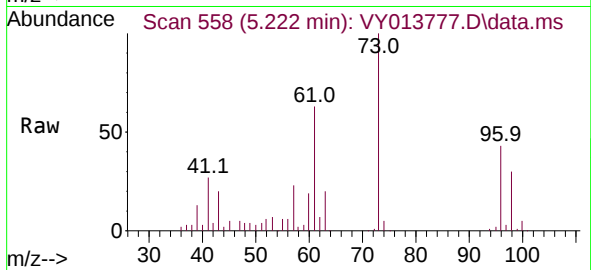




#19
Methyl tert-butyl Ether
Concen: 19.470 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013777.D
Acq: 17 May 2023 15:39

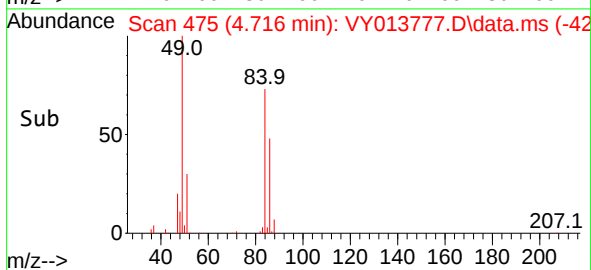
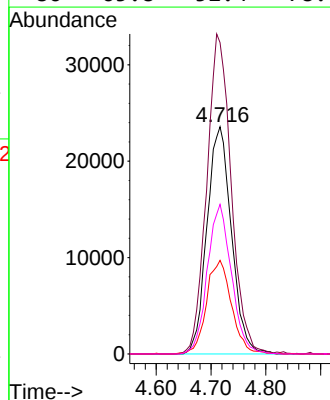
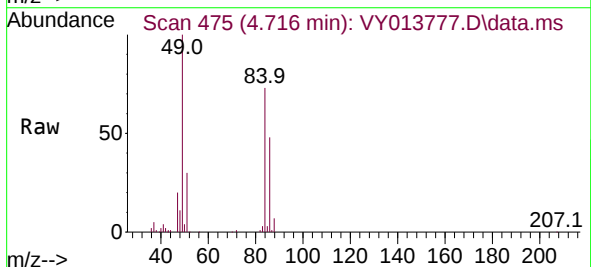
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBSD01

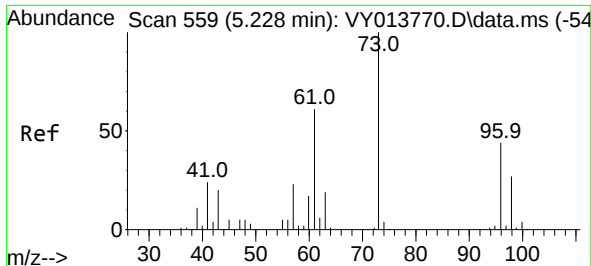
Tgt Ion: 73 Resp: 126460
Ion Ratio Lower Upper
73 100
57 23.0 18.6 27.8



#20
Methylene Chloride
Concen: 23.914 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.012 min
Lab File: VY013777.D
Acq: 17 May 2023 15:39

Tgt Ion: 84 Resp: 73089
Ion Ratio Lower Upper
84 100
49 136.7 109.4 164.0
51 40.8 32.8 49.2
86 65.8 52.4 78.6

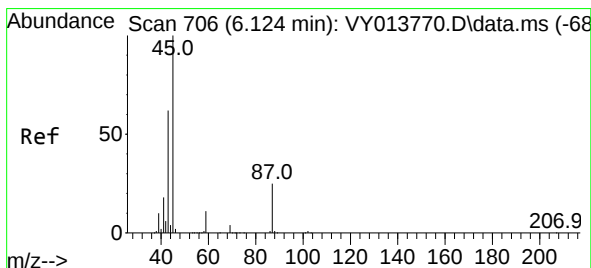
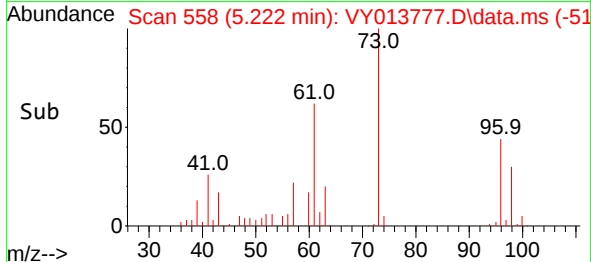
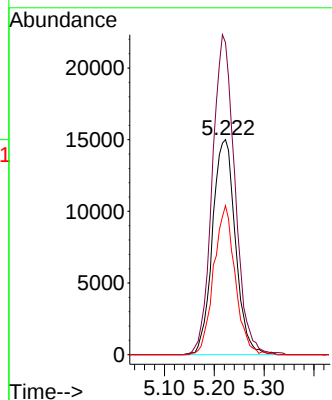
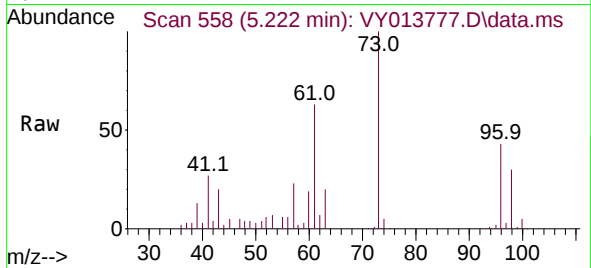




#21
trans-1,2-Dichloroethene
Concen: 19.936 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013777.D
Acq: 17 May 2023 15:39

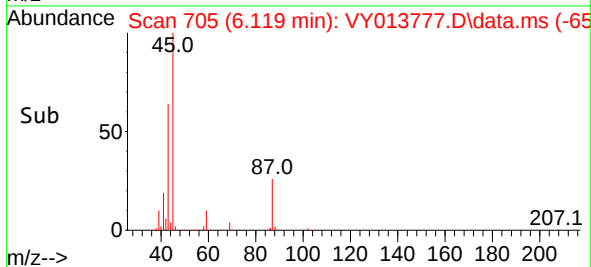
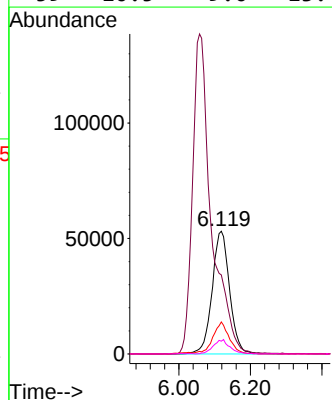
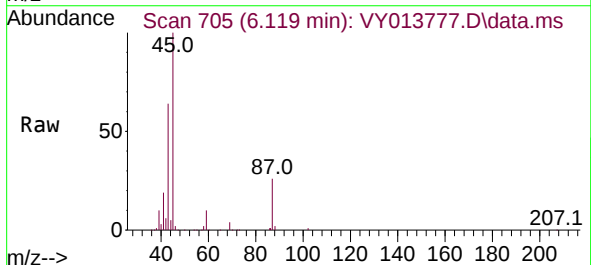
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBSD01

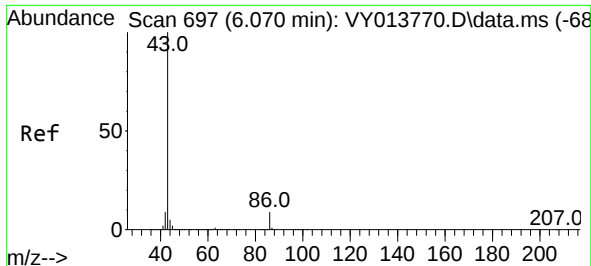
Tgt Ion: 96 Resp: 48057
Ion Ratio Lower Upper
96 100
61 145.2 110.8 166.2
98 69.3 48.6 72.8



#22
Diisopropyl ether
Concen: 20.133 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY013777.D
Acq: 17 May 2023 15:39

Tgt Ion: 45 Resp: 180600
Ion Ratio Lower Upper
45 100
43 64.1 49.7 74.5
87 26.1 19.9 29.9
59 10.5 9.0 13.4

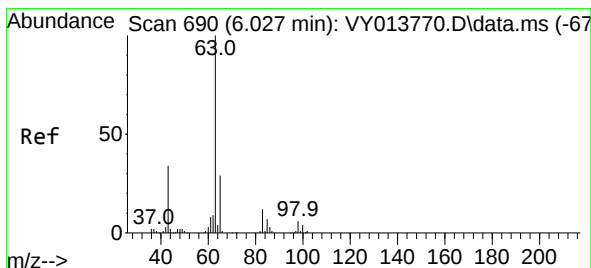
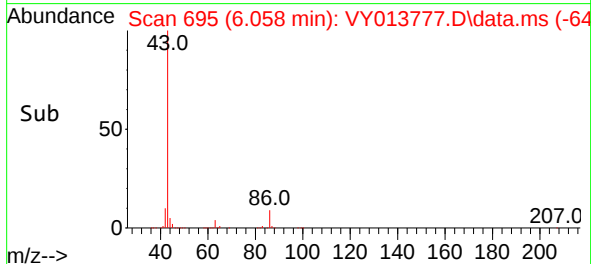
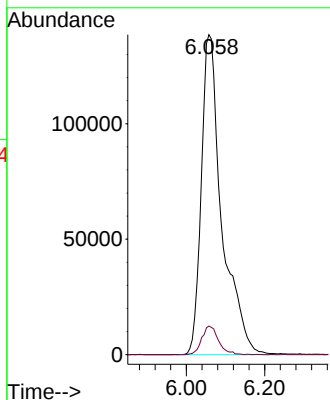
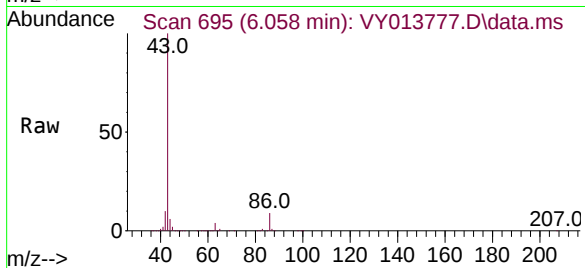




#23
 Vinyl Acetate
 Concen: 97.299 ug/l
 RT: 6.058 min Scan# 61
 Delta R.T. -0.012 min
 Lab File: VY013777.D
 Acq: 17 May 2023 15:39

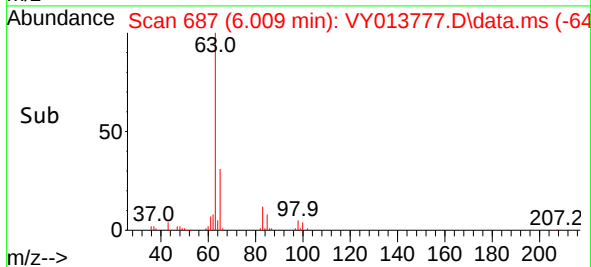
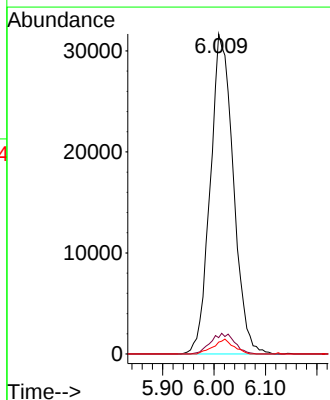
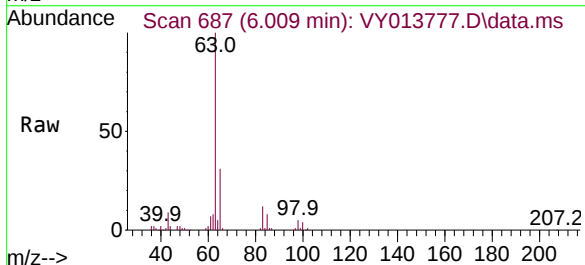
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0517SBSD01

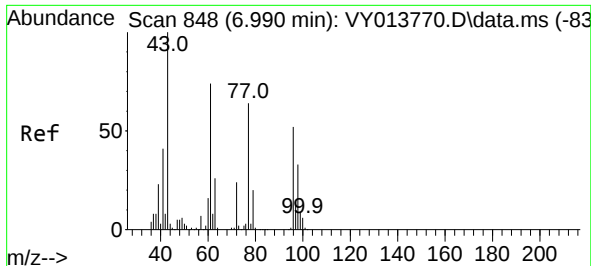
Tgt Ion: 43 Resp: 505062
 Ion Ratio Lower Upper
 43 100
 86 9.0 7.0 10.4



#24
 1,1-Dichloroethane
 Concen: 20.120 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.018 min
 Lab File: VY013777.D
 Acq: 17 May 2023 15:39

Tgt Ion: 63 Resp: 98663
 Ion Ratio Lower Upper
 63 100
 98 5.1 3.0 9.0
 100 3.7 2.0 6.0





#25

2-Butanone

Concen: 93.680 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY013777.D

Acq: 17 May 2023 15:39

Instrument :

MSVOA_Y

ClientSampleId :

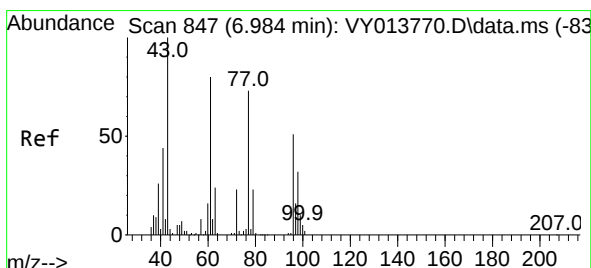
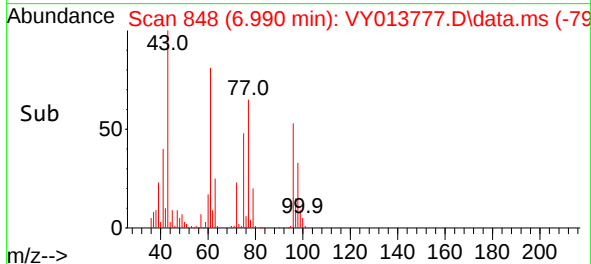
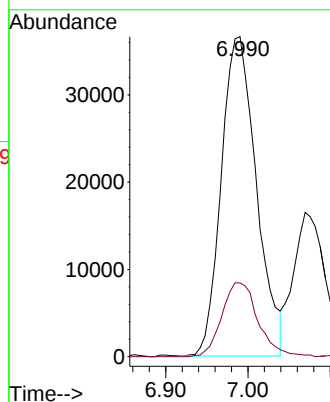
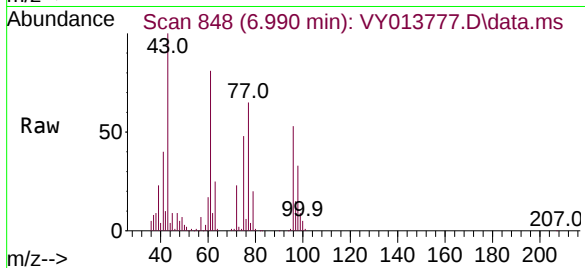
VY0517SBSD01

Tgt Ion: 43 Resp: 108882

Ion Ratio Lower Upper

43 100

72 23.1 19.0 28.6



#26

2,2-Dichloropropane

Concen: 20.499 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY013777.D

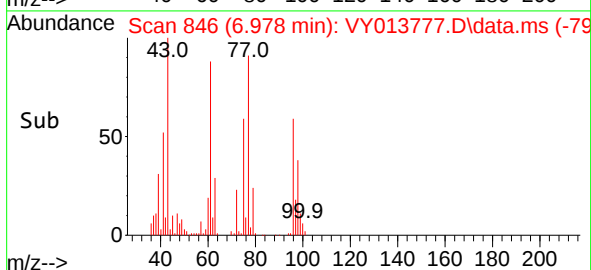
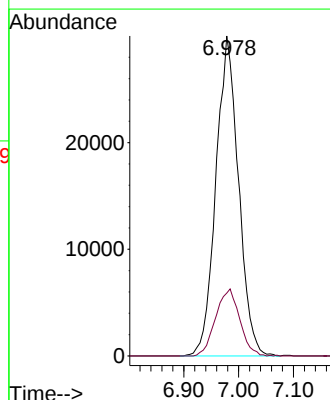
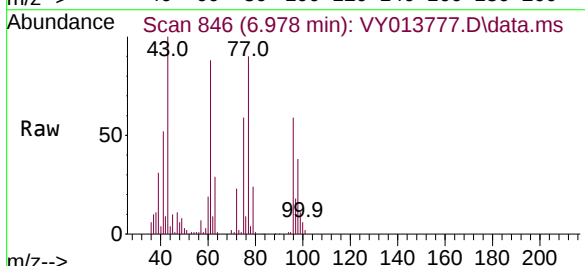
Acq: 17 May 2023 15:39

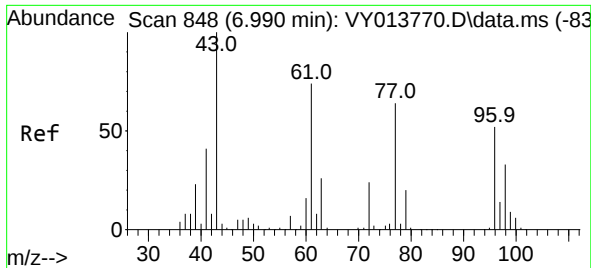
Tgt Ion: 77 Resp: 85862

Ion Ratio Lower Upper

77 100

97 22.3 11.3 33.8

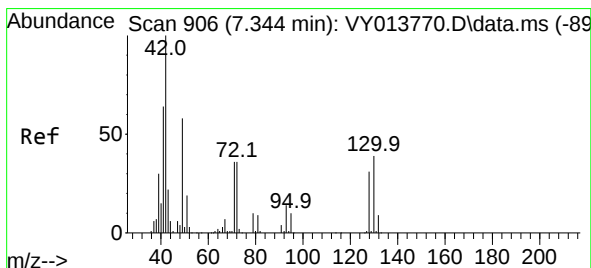
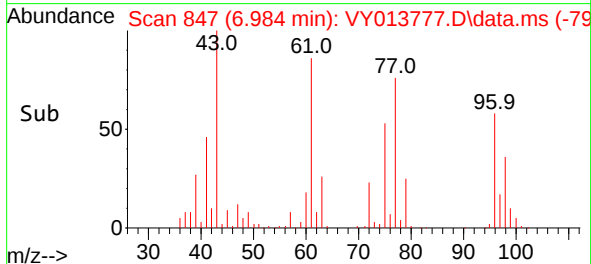
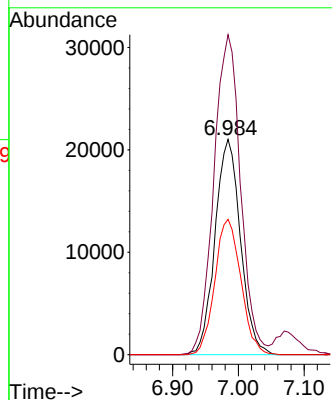
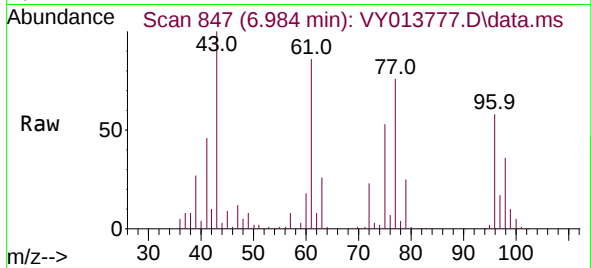




#27
 cis-1,2-Dichloroethene
 Concen: 19.951 ug/l
 RT: 6.984 min Scan# 84
 Delta R.T. -0.006 min
 Lab File: VY013777.D
 Acq: 17 May 2023 15:39

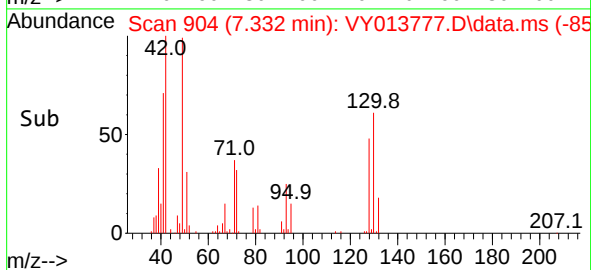
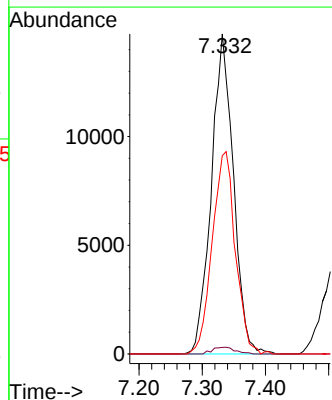
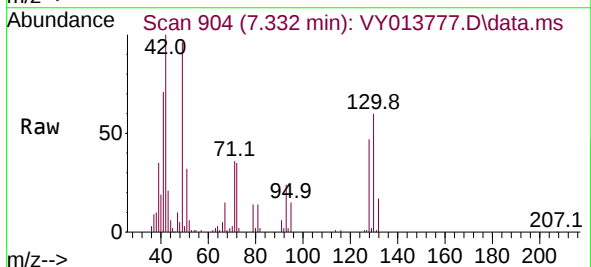
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0517SBSD01

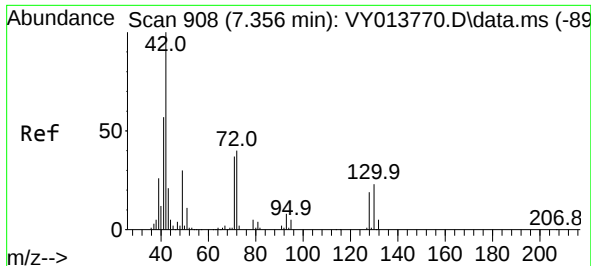
Tgt Ion: 96 Resp: 56668
 Ion Ratio Lower Upper
 96 100
 61 156.0 0.0 300.6
 98 64.3 0.0 127.8



#28
 Bromochloromethane
 Concen: 20.759 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.012 min
 Lab File: VY013777.D
 Acq: 17 May 2023 15:39

Tgt Ion: 49 Resp: 35617
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.2
 130 66.3 54.4 81.6





#29

Tetrahydrofuran

Concen: 93.955 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.012 min

Lab File: VY013777.D

Acq: 17 May 2023 15:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0517SBSD01

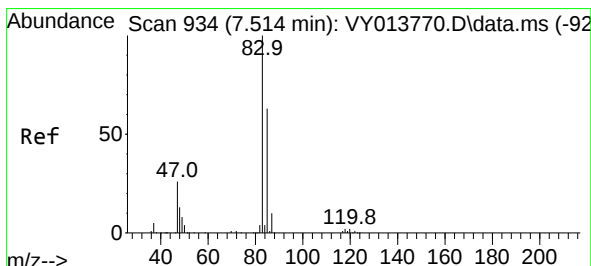
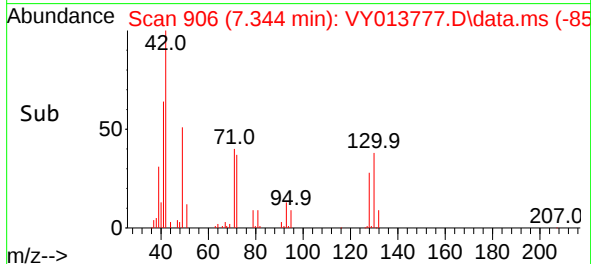
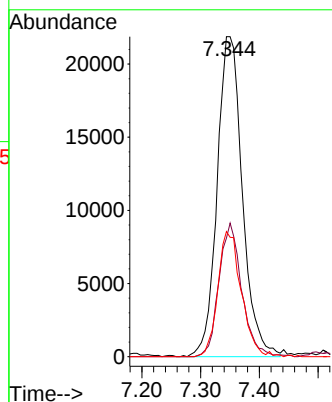
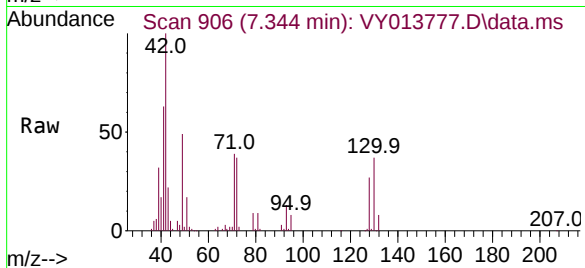
Tgt Ion: 42 Resp: 65340

Ion Ratio Lower Upper

42 100

72 37.7 30.7 46.1

71 36.0 29.0 43.6



#30

Chloroform

Concen: 19.748 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.012 min

Lab File: VY013777.D

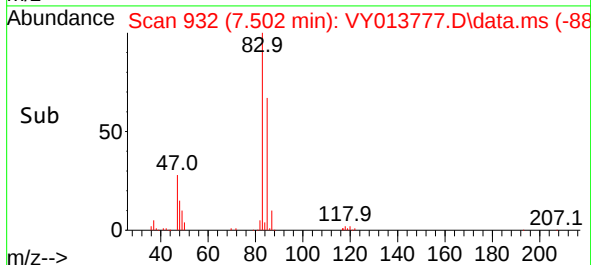
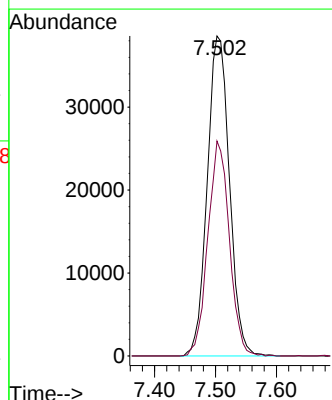
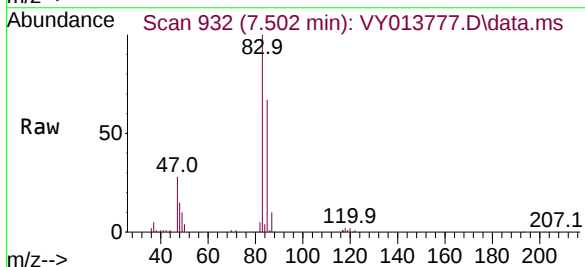
Acq: 17 May 2023 15:39

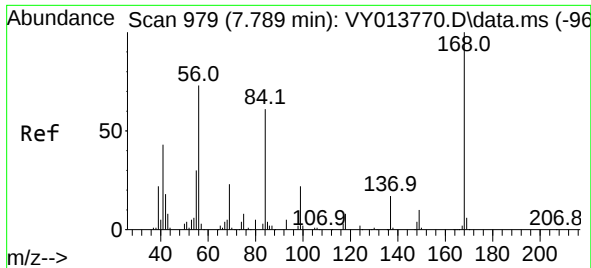
Tgt Ion: 83 Resp: 97586

Ion Ratio Lower Upper

83 100

85 67.1 50.5 75.7

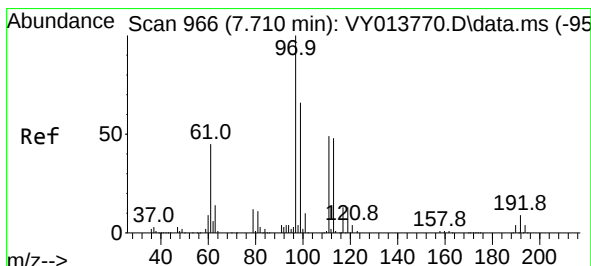
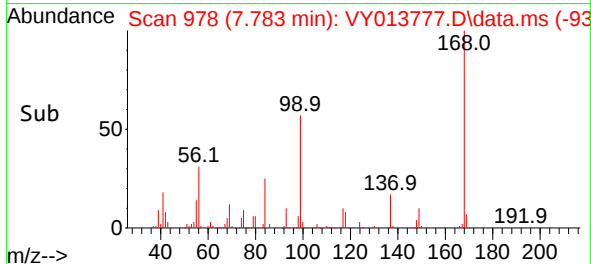
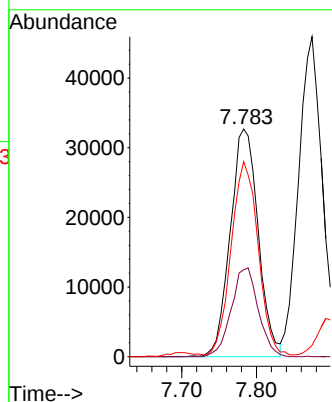
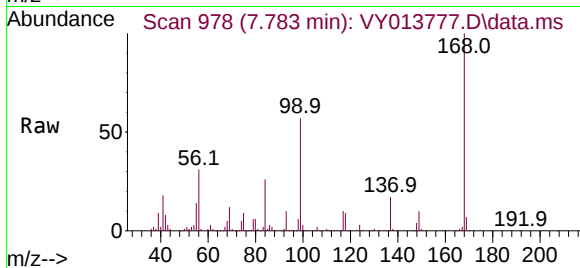




#31
Cyclohexane
Concen: 19.991 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013777.D
Acq: 17 May 2023 15:39

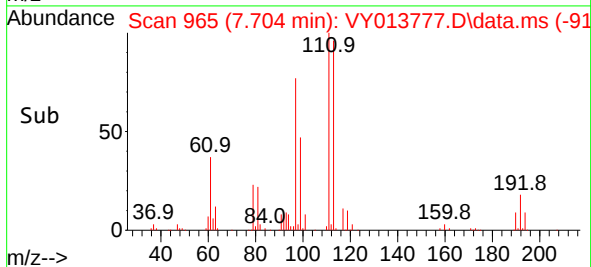
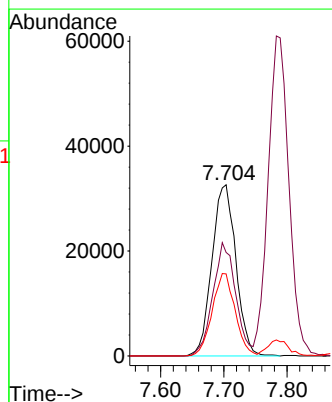
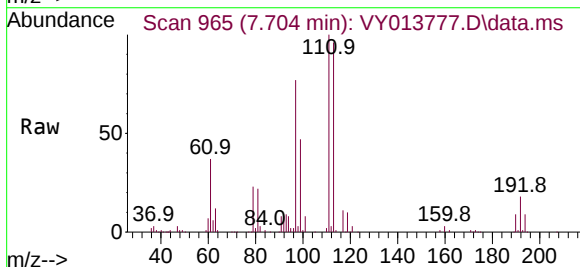
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBSD01

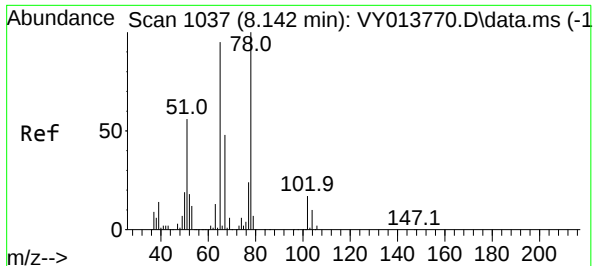
Tgt Ion: 56 Resp: 84938
Ion Ratio Lower Upper
56 100
69 37.4 25.8 38.6
84 83.9 65.8 98.6



#32
1,1,1-Trichloroethane
Concen: 20.344 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.006 min
Lab File: VY013777.D
Acq: 17 May 2023 15:39

Tgt Ion: 97 Resp: 85814
Ion Ratio Lower Upper
97 100
99 63.3 51.7 77.5
61 46.2 36.6 54.8





#33

1,2-Dichloroethane-d4

Concen: 49.557 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY013777.D

Acq: 17 May 2023 15:39

Instrument :

MSVOA_Y

ClientSampleId :

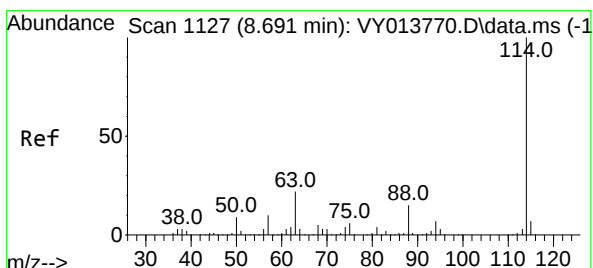
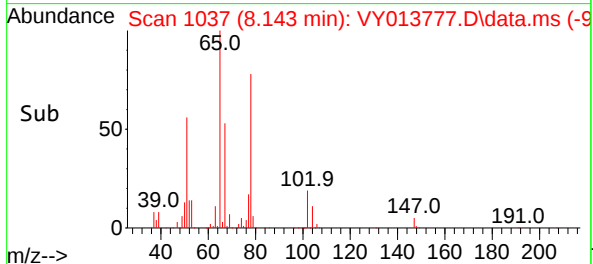
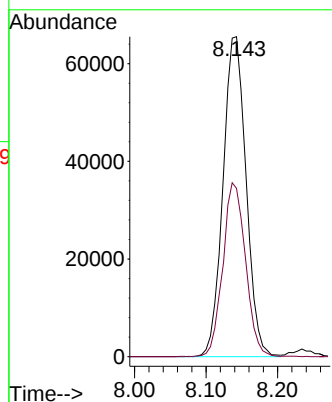
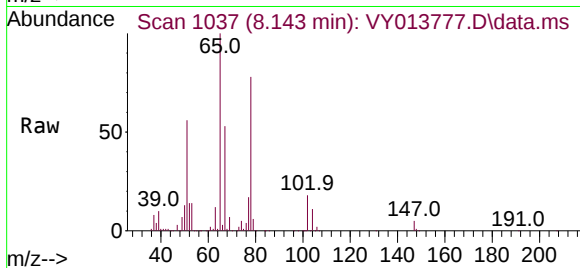
VY0517SBSD01

Tgt Ion: 65 Resp: 146862

Ion Ratio Lower Upper

65 100

67 53.4 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013777.D

Acq: 17 May 2023 15:39

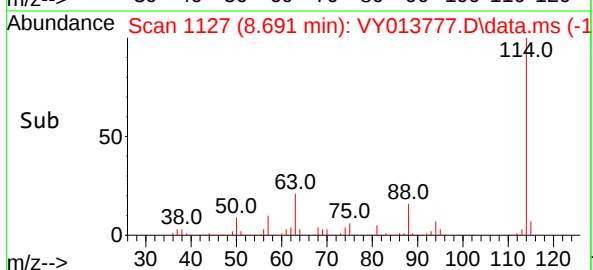
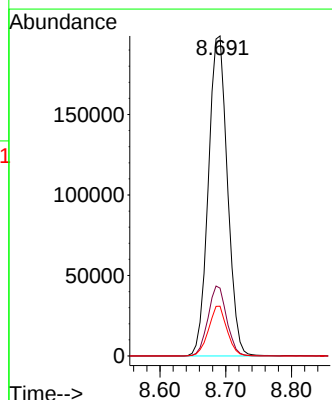
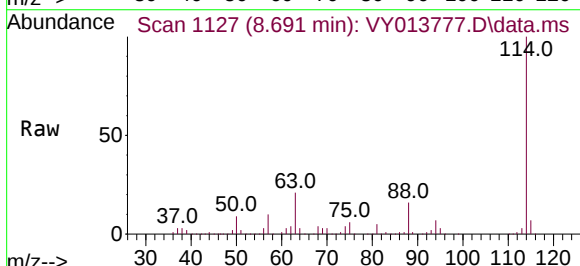
Tgt Ion: 114 Resp: 400935

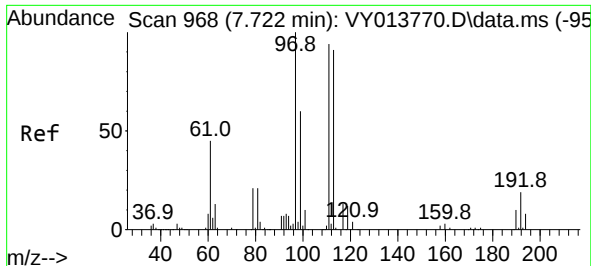
Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.8

88 15.6 0.0 30.8

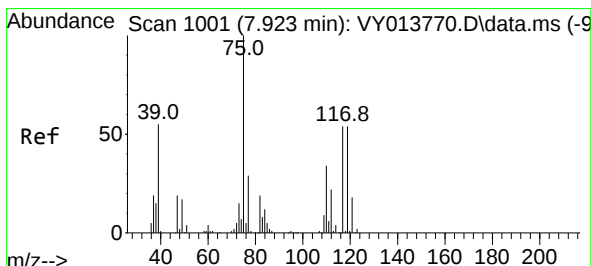
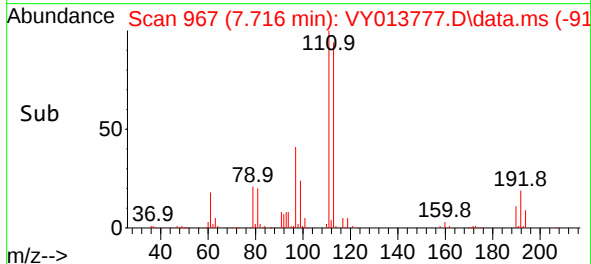
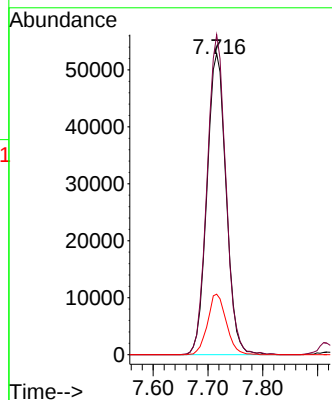
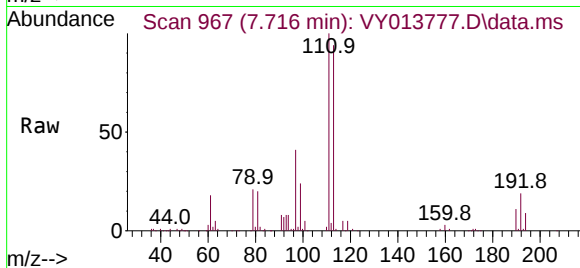




#35
Dibromofluoromethane
Concen: 49.935 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013777.D
Acq: 17 May 2023 15:39

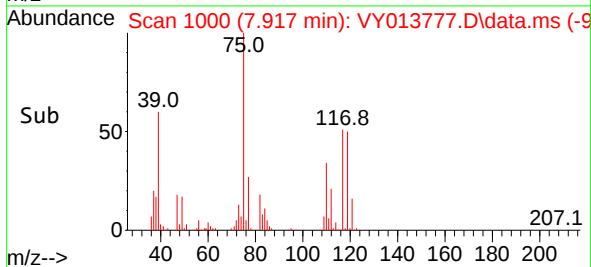
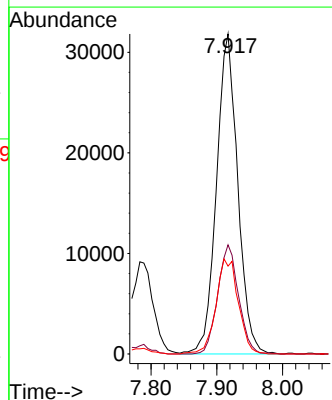
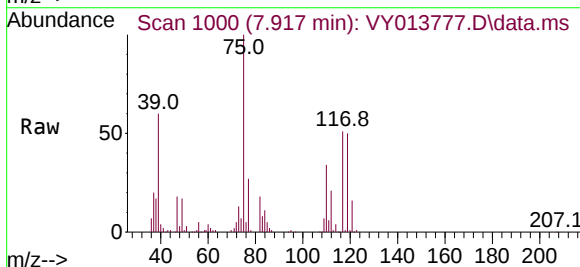
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBSD01

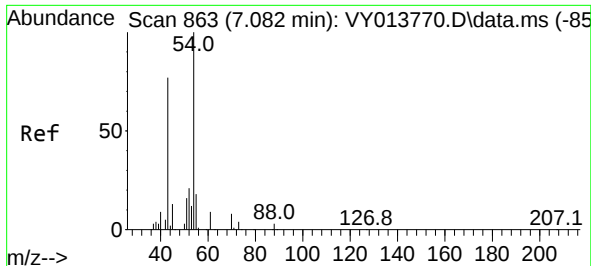
Tgt Ion:113 Resp: 128385
Ion Ratio Lower Upper
113 100
111 104.2 82.3 123.5
192 19.7 16.0 24.0



#36
1,1-Dichloropropene
Concen: 20.166 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY013777.D
Acq: 17 May 2023 15:39

Tgt Ion: 75 Resp: 71637
Ion Ratio Lower Upper
75 100
110 33.5 17.3 51.7
77 31.2 24.6 36.8

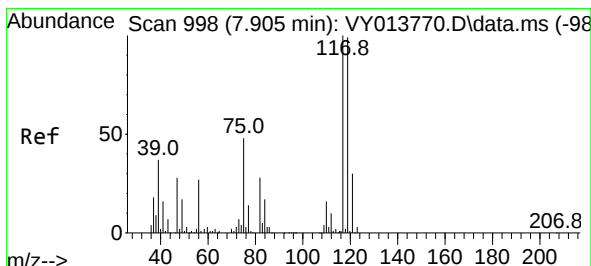
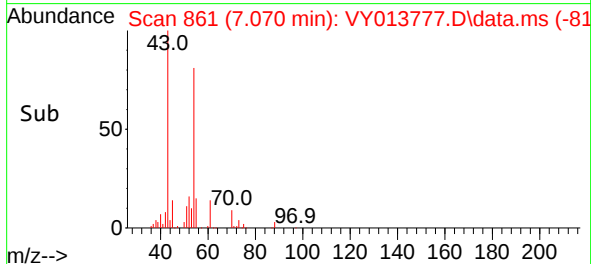
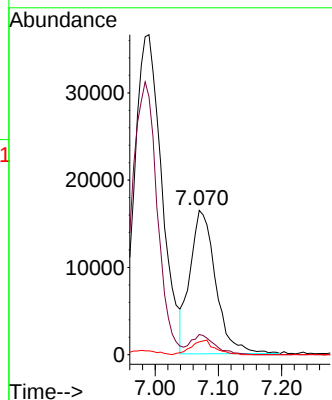
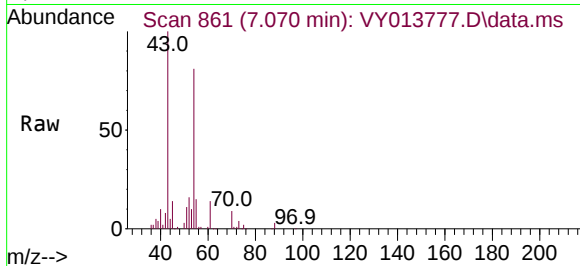




#37
Ethyl Acetate
Concen: 18.988 ug/l
RT: 7.070 min Scan# 80
Delta R.T. -0.012 min
Lab File: VY013777.D
Acq: 17 May 2023 15:39

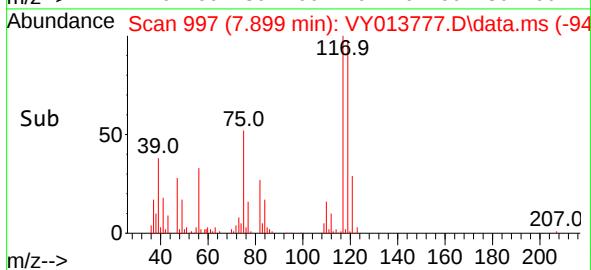
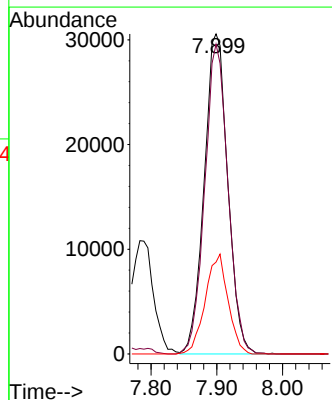
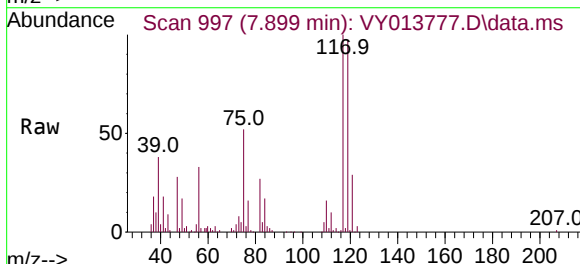
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBS01

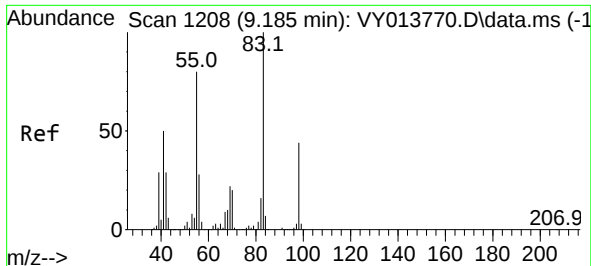
Tgt Ion: 43 Resp: 46399
Ion Ratio Lower Upper
43 100
61 13.0 10.7 16.1
70 9.1 7.0 10.6



#38
Carbon Tetrachloride
Concen: 20.357 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.006 min
Lab File: VY013777.D
Acq: 17 May 2023 15:39

Tgt Ion: 117 Resp: 76288
Ion Ratio Lower Upper
117 100
119 96.8 79.0 118.6
121 28.7 24.1 36.1





#39

Methylcyclohexane

Concen: 19.882 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013777.D

Acq: 17 May 2023 15:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0517SBSD01

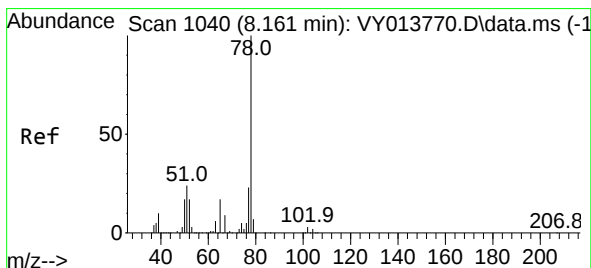
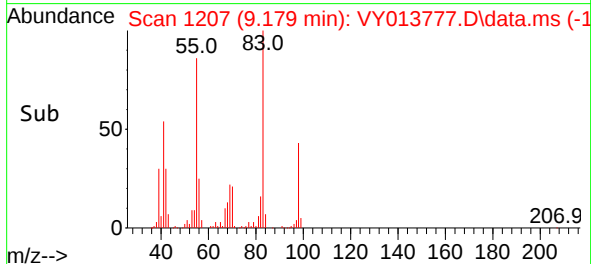
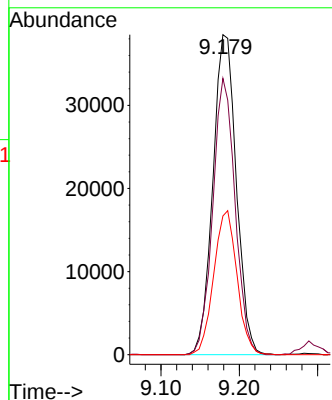
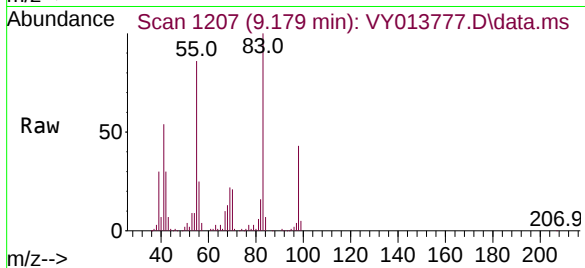
Tgt Ion: 83 Resp: 80276

Ion Ratio Lower Upper

83 100

55 86.3 63.7 95.5

98 43.4 35.0 52.6



#40

Benzene

Concen: 20.100 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY013777.D

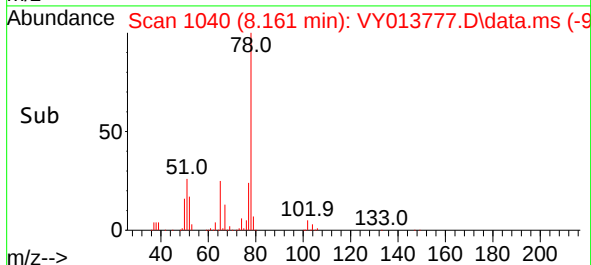
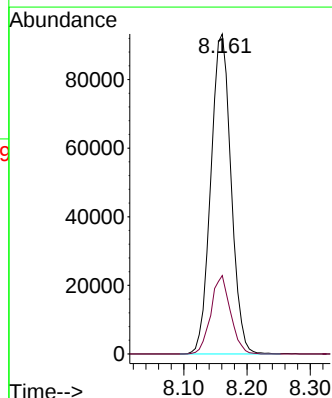
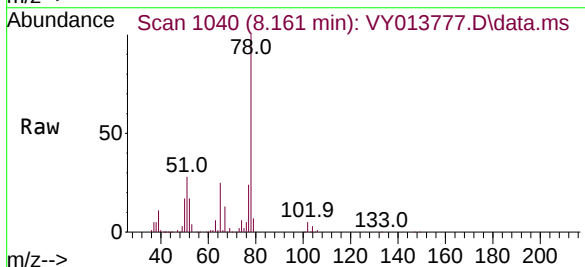
Acq: 17 May 2023 15:39

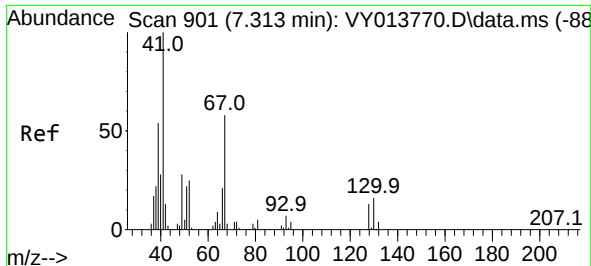
Tgt Ion: 78 Resp: 207491

Ion Ratio Lower Upper

78 100

77 24.5 18.6 27.8

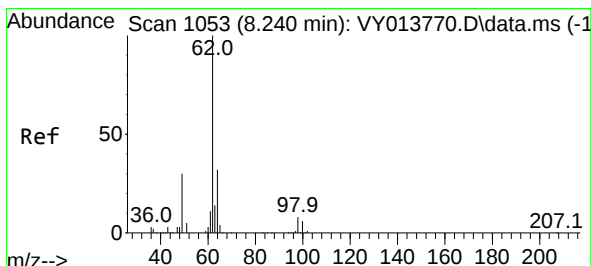
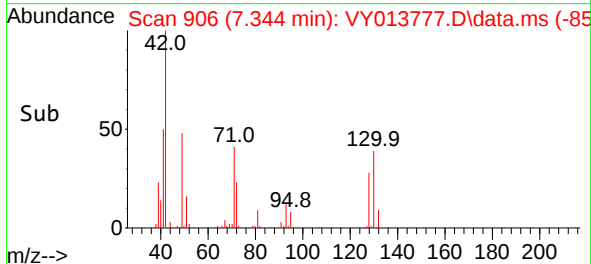
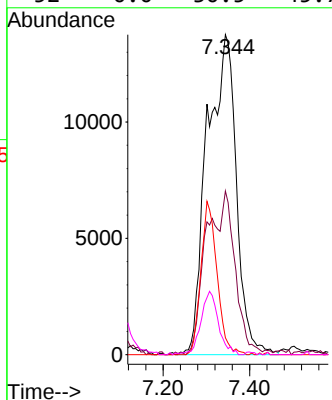
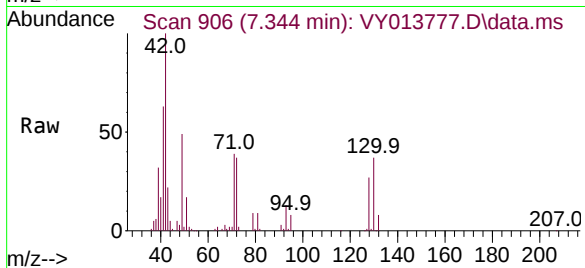




#41
Methacrylonitrile
Concen: 52.806 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.031 min
Lab File: VY013777.D
Acq: 17 May 2023 15:39

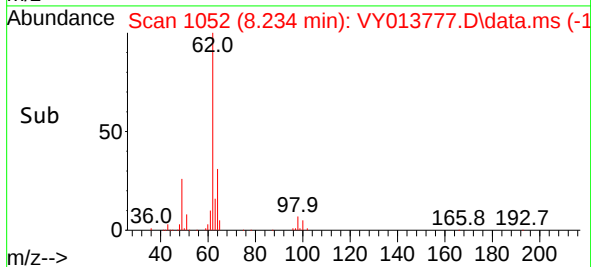
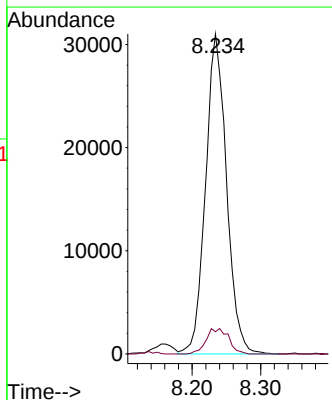
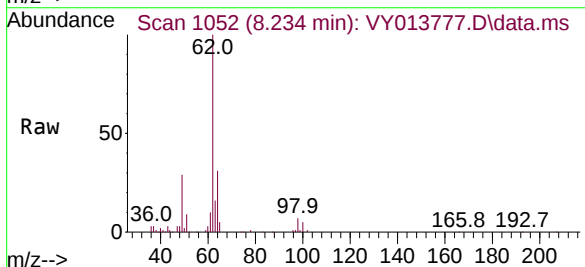
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBSD01

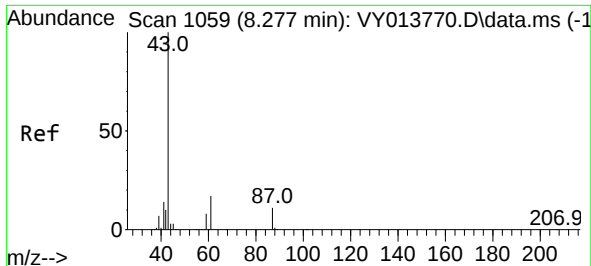
Tgt Ion: 41 Resp: 64122
Ion Ratio Lower Upper
41 100
39 23.6 59.5 89.3#
67 0.0 69.1 103.7#
52 0.0 30.5 45.7#



#42
1,2-Dichloroethane
Concen: 19.777 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY013777.D
Acq: 17 May 2023 15:39

Tgt Ion: 62 Resp: 65964
Ion Ratio Lower Upper
62 100
98 8.6 0.0 16.8

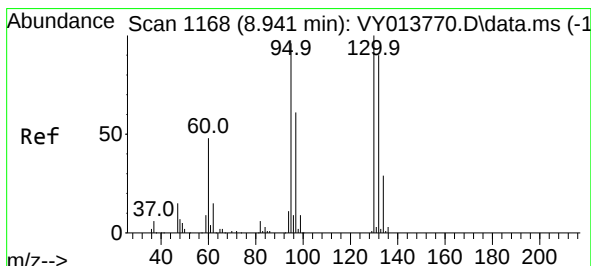
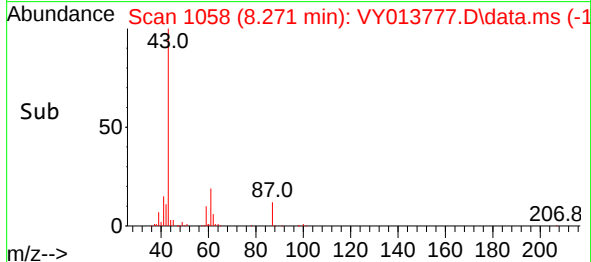
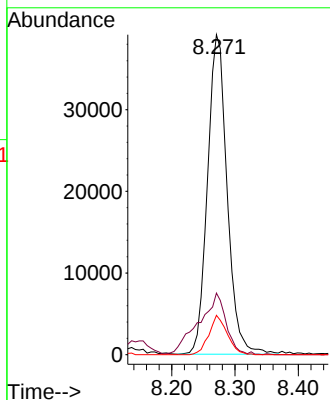
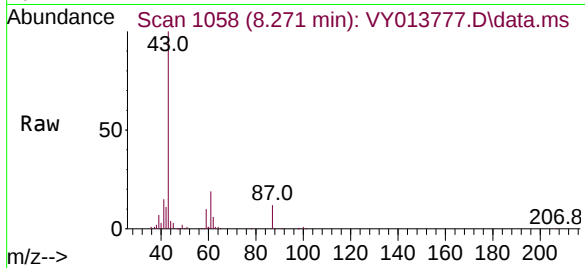




#43
Isopropyl Acetate
Concen: 19.029 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.006 min
Lab File: VY013777.D
Acq: 17 May 2023 15:39

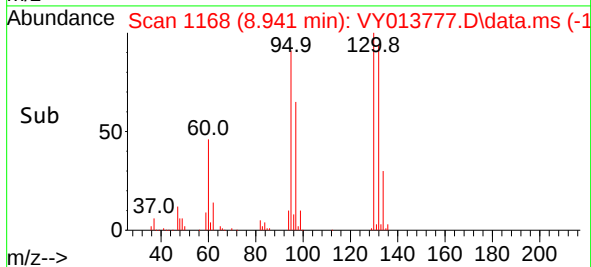
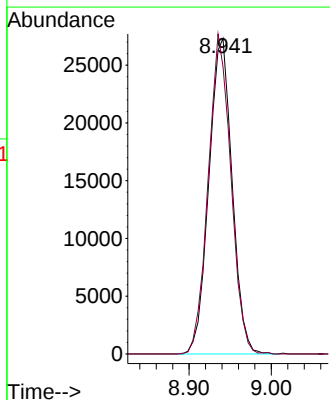
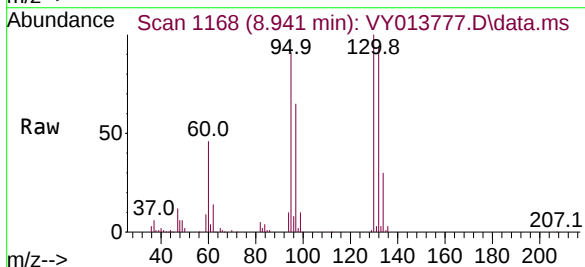
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBSD01

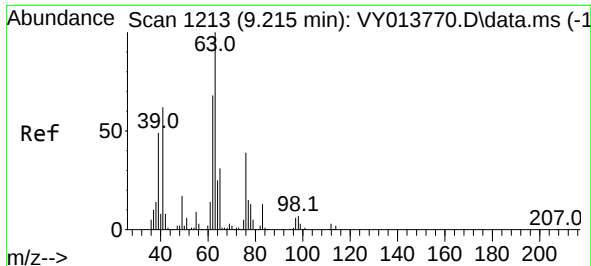
Tgt Ion: 43 Resp: 84396
Ion Ratio Lower Upper
43 100
61 26.9 20.6 31.0
87 11.5 9.0 13.6



#44
Trichloroethene
Concen: 19.818 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY013777.D
Acq: 17 May 2023 15:39

Tgt Ion:130 Resp: 53481
Ion Ratio Lower Upper
130 100
95 91.1 0.0 193.0





#45

1,2-Dichloropropane

Concen: 20.329 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY013777.D

Acq: 17 May 2023 15:39

Instrument :

MSVOA_Y

ClientSampleId :

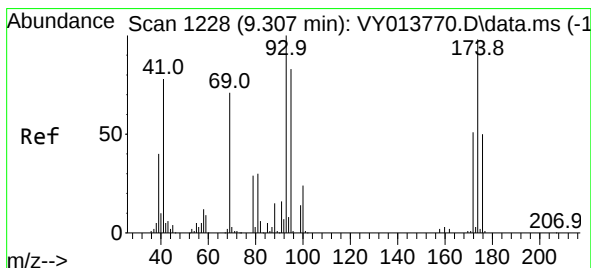
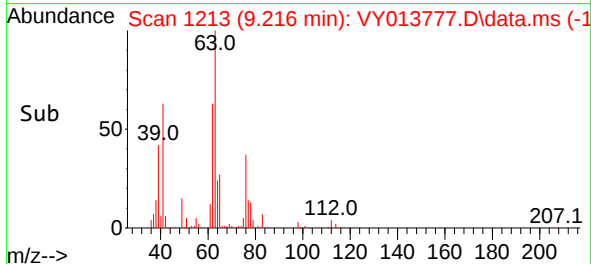
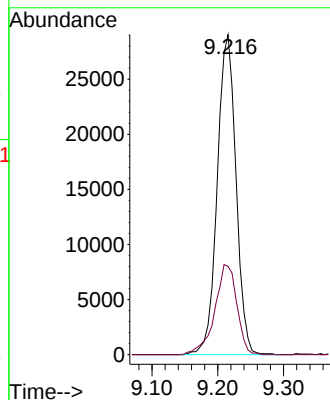
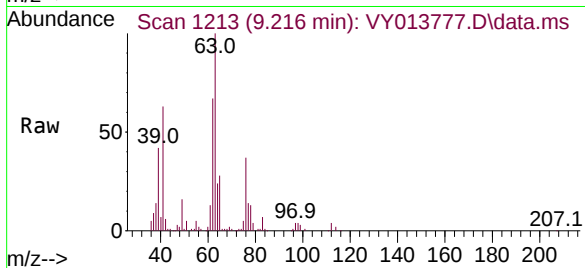
VY0517SBSD01

Tgt Ion: 63 Resp: 57668

Ion Ratio Lower Upper

63 100

65 27.5 24.9 37.3



#46

Dibromomethane

Concen: 19.551 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY013777.D

Acq: 17 May 2023 15:39

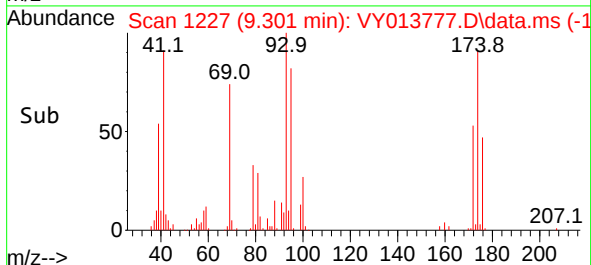
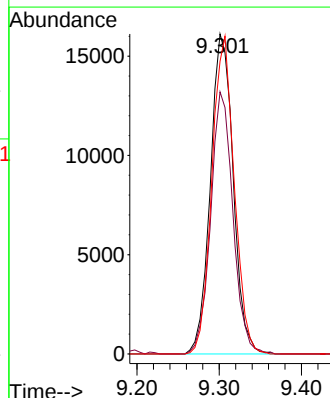
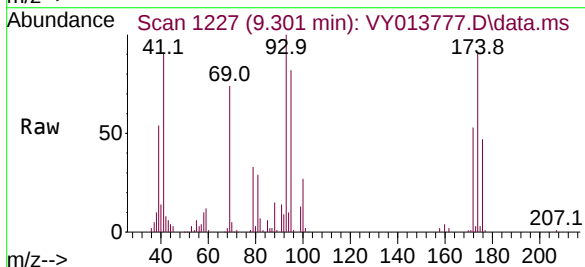
Tgt Ion: 93 Resp: 31061

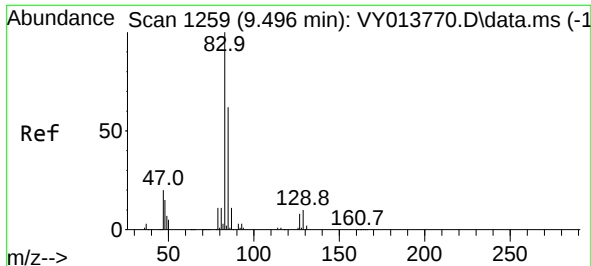
Ion Ratio Lower Upper

93 100

95 79.8 65.8 98.6

174 97.2 79.5 119.3

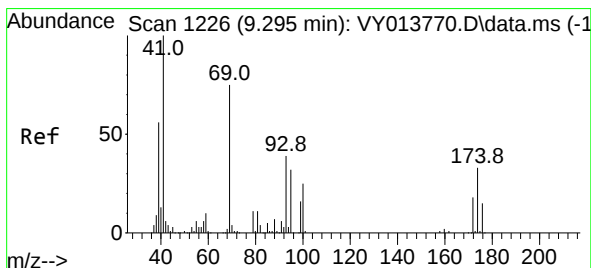
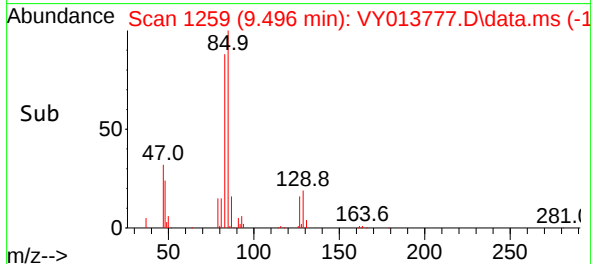
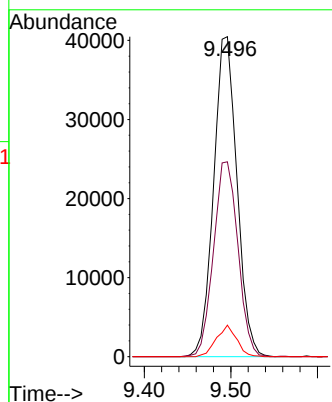
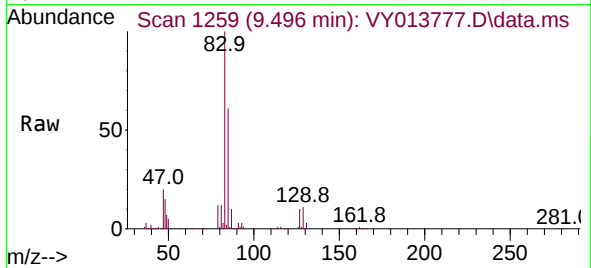




#47
Bromodichloromethane
Concen: 20.147 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY013777.D
Acq: 17 May 2023 15:39

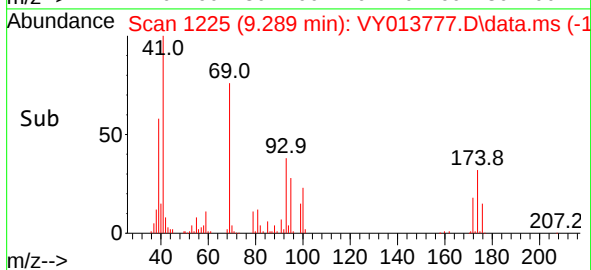
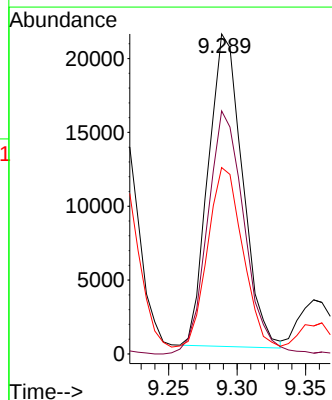
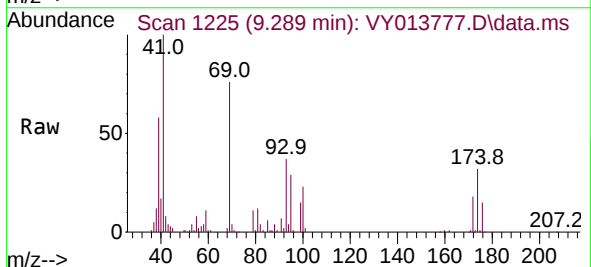
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBSD01

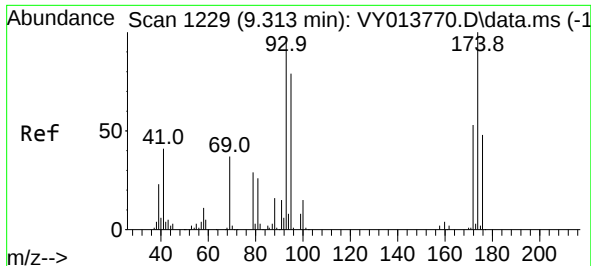
Tgt Ion: 83 Resp: 75803
Ion Ratio Lower Upper
83 100
85 60.9 49.6 74.4
127 9.8 6.3 9.5#



#48
Methyl methacrylate
Concen: 18.040 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY013777.D
Acq: 17 May 2023 15:39

Tgt Ion: 41 Resp: 36754
Ion Ratio Lower Upper
41 100
69 83.4 63.0 94.6
39 59.6 46.2 69.2





#49

1,4-Dioxane

Concen: 374.076 ug/l

RT: 9.301 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY013777.D

Acq: 17 May 2023 15:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0517SBS01

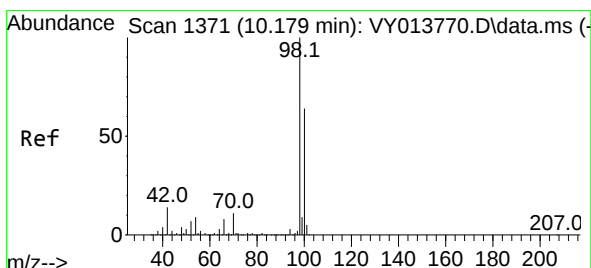
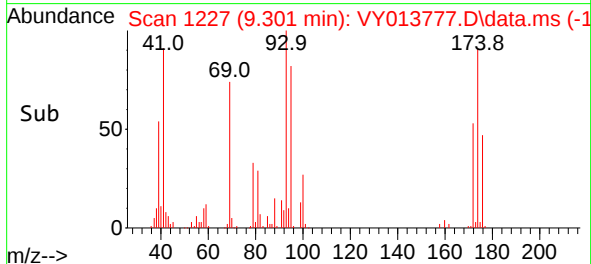
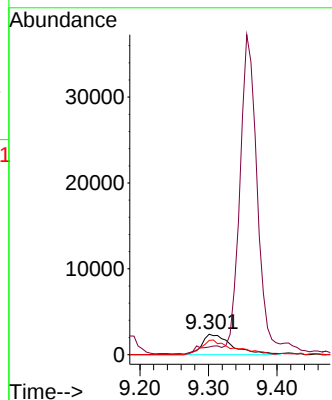
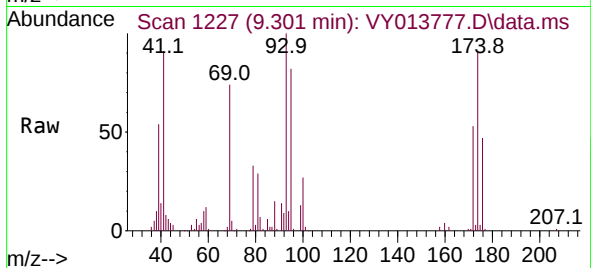
Tgt Ion: 88 Resp: 7294

Ion Ratio Lower Upper

88 100

43 0.0 26.1 39.1#

58 76.9 62.2 93.2



#50

Toluene-d8

Concen: 51.307 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY013777.D

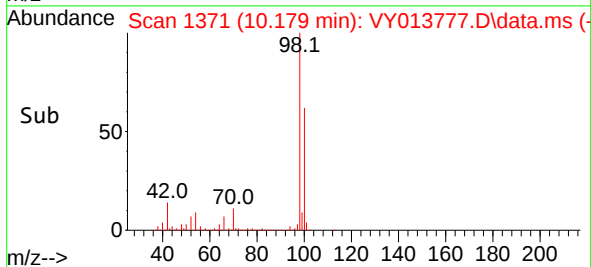
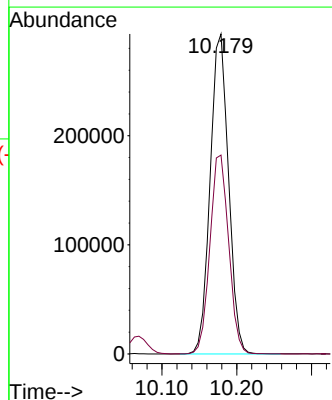
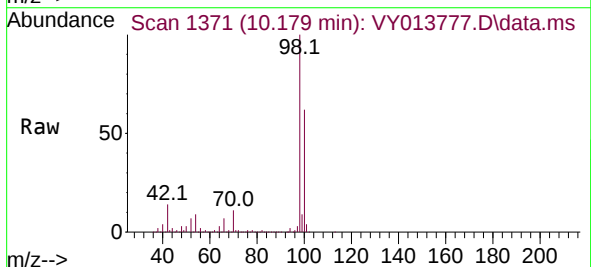
Acq: 17 May 2023 15:39

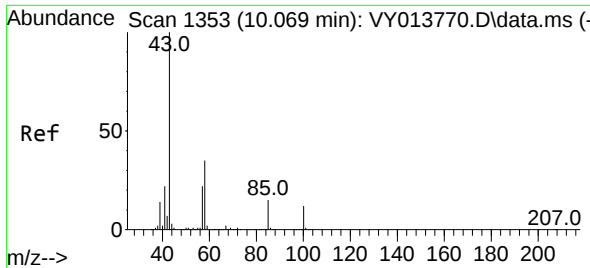
Tgt Ion: 98 Resp: 500100

Ion Ratio Lower Upper

98 100

100 63.6 51.0 76.6

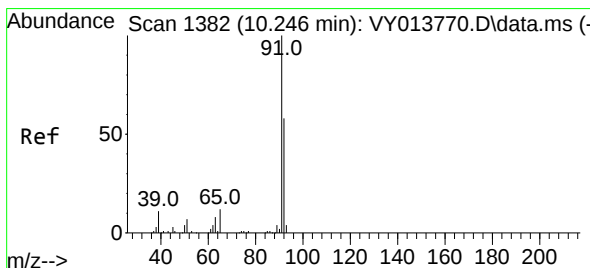
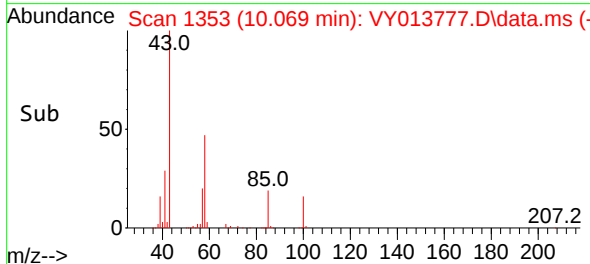
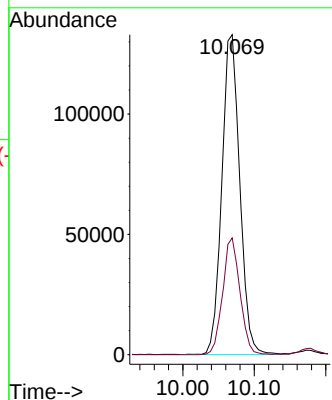
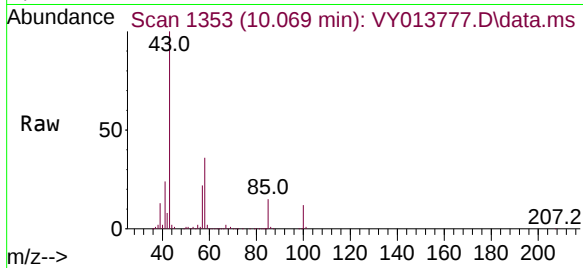




#51
4-Methyl-2-Pentanone
Concen: 93.779 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY013777.D
Acq: 17 May 2023 15:39

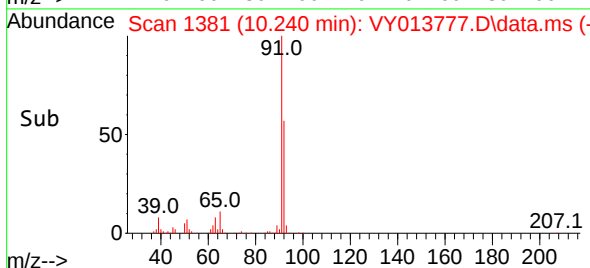
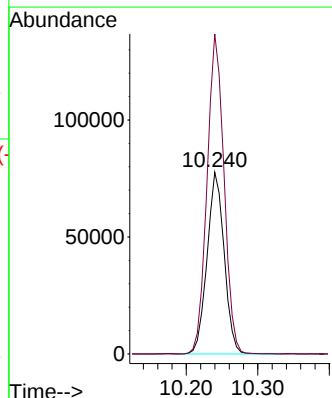
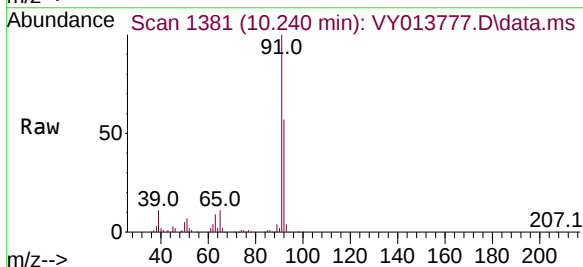
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBSD01

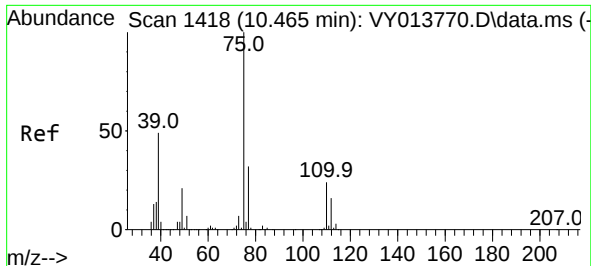
Tgt Ion: 43 Resp: 231617
Ion Ratio Lower Upper
43 100
58 35.3 28.2 42.2



#52
Toluene
Concen: 20.626 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY013777.D
Acq: 17 May 2023 15:39

Tgt Ion: 92 Resp: 129084
Ion Ratio Lower Upper
92 100
91 174.4 141.0 211.4

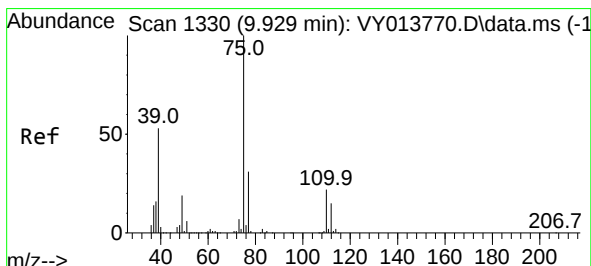
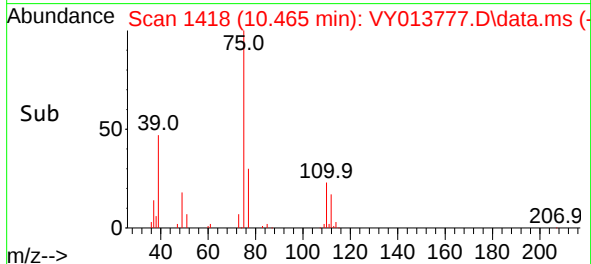
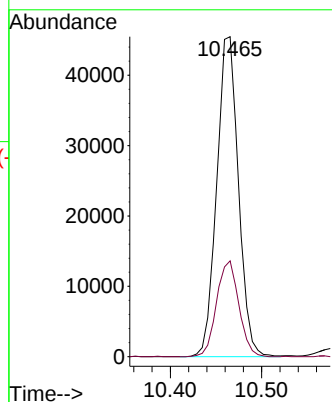
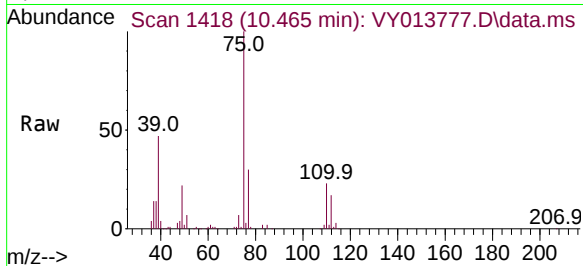




#53
 t-1,3-Dichloropropene
 Concen: 19.356 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY013777.D
 Acq: 17 May 2023 15:39

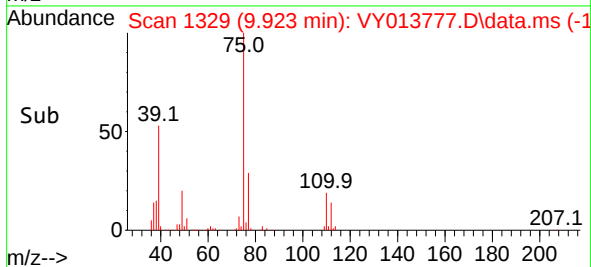
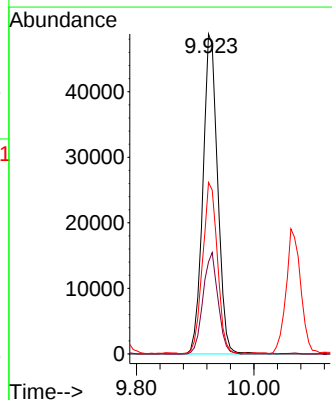
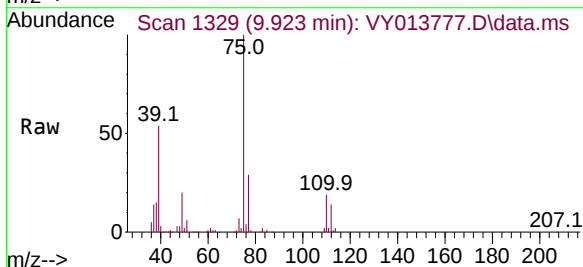
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0517SBS01

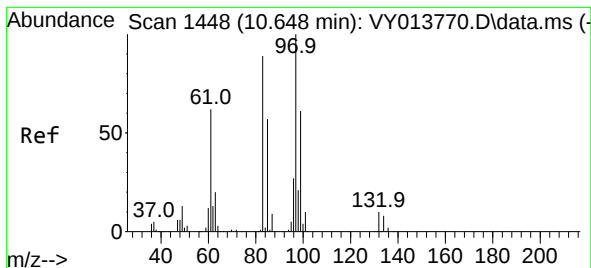
Tgt Ion: 75 Resp: 75087
 Ion Ratio Lower Upper
 75 100
 77 30.0 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 19.658 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.006 min
 Lab File: VY013777.D
 Acq: 17 May 2023 15:39

Tgt Ion: 75 Resp: 85084
 Ion Ratio Lower Upper
 75 100
 77 28.8 24.8 37.2
 39 53.6 42.6 63.8





#55

1,1,2-Trichloroethane

Concen: 19.735 ug/l

RT: 10.642 min Scan# 1448

Delta R.T. -0.006 min

Lab File: VY013777.D

Acq: 17 May 2023 15:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0517SBS01

Tgt Ion: 97 Resp: 42644

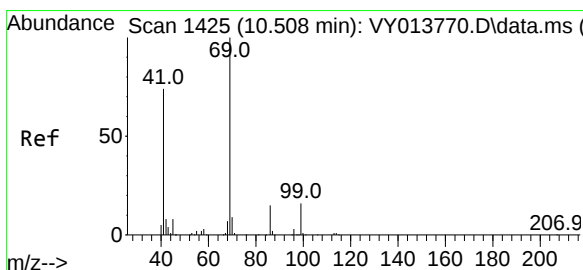
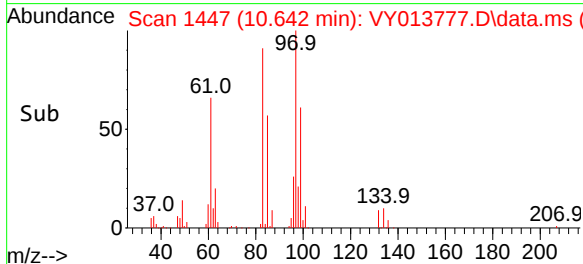
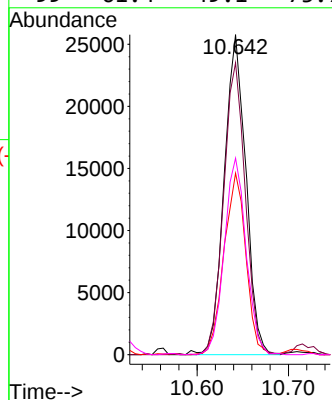
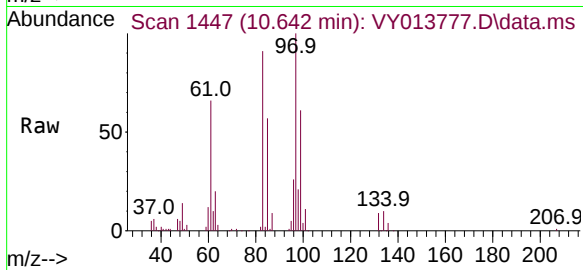
Ion Ratio Lower Upper

97 100

83 90.9 71.1 106.7

85 56.7 45.7 68.5

99 61.4 49.1 73.7



#56

Ethyl methacrylate

Concen: 18.838 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY013777.D

Acq: 17 May 2023 15:39

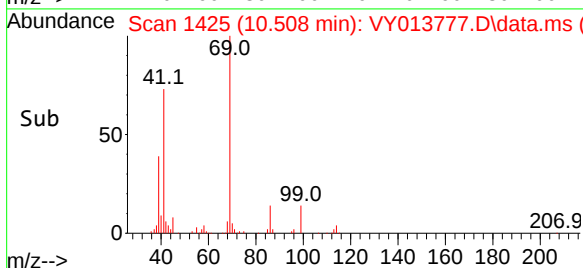
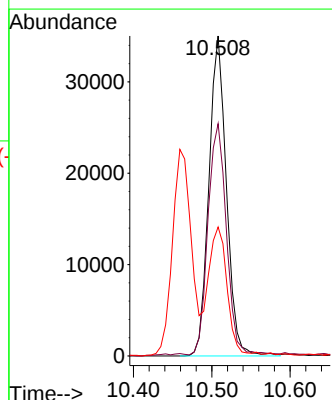
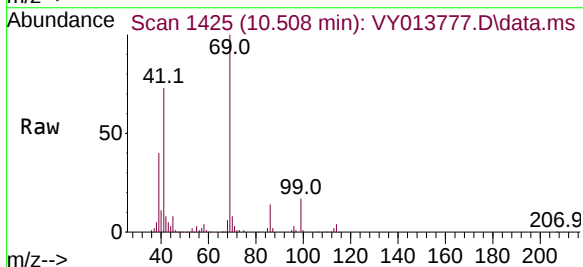
Tgt Ion: 69 Resp: 54323

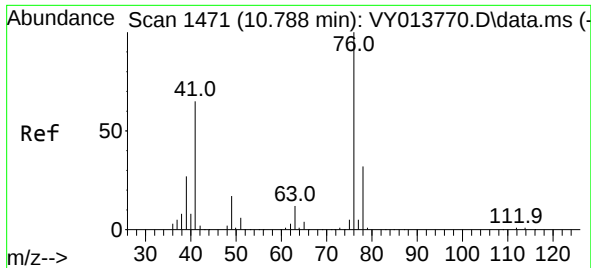
Ion Ratio Lower Upper

69 100

41 76.1 58.3 87.5

39 42.9 31.8 47.8

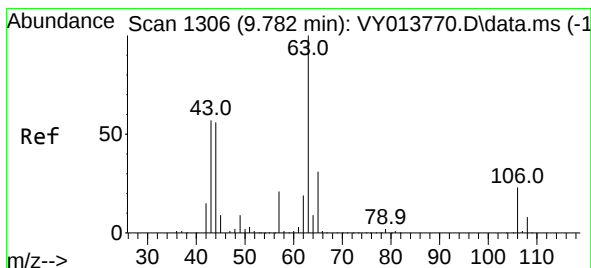
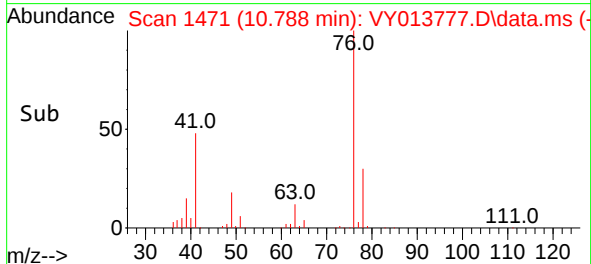
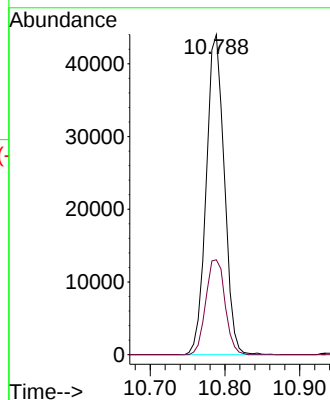
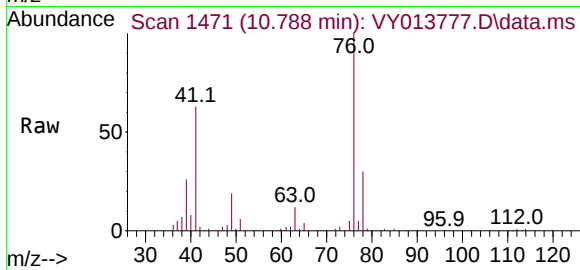




#57
1,3-Dichloropropane
Concen: 19.848 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY013777.D
Acq: 17 May 2023 15:39

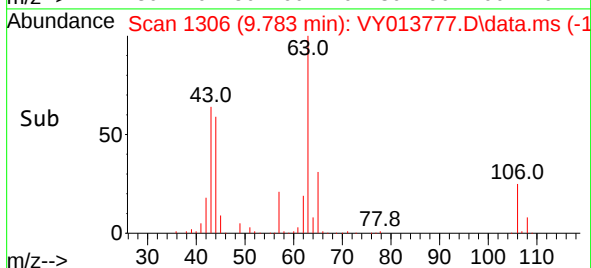
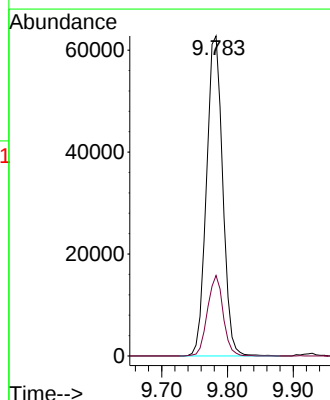
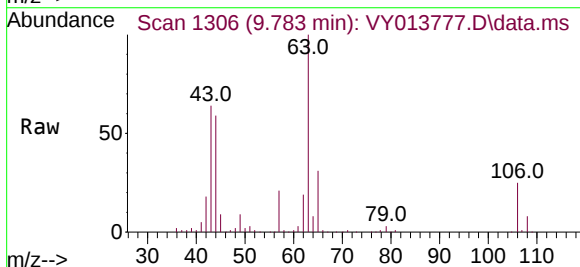
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBS01

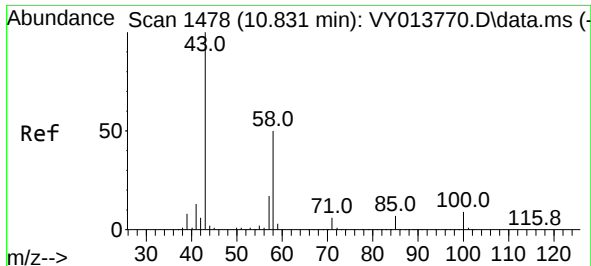
Tgt Ion: 76 Resp: 73783
Ion Ratio Lower Upper
76 100
78 31.6 25.8 38.6



#58
2-Chloroethyl Vinyl ether
Concen: 102.814 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY013777.D
Acq: 17 May 2023 15:39

Tgt Ion: 63 Resp: 107414
Ion Ratio Lower Upper
63 100
106 24.4 19.7 29.5

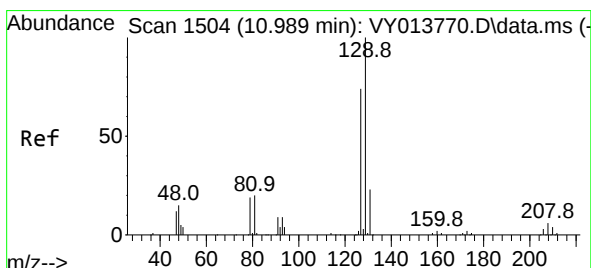
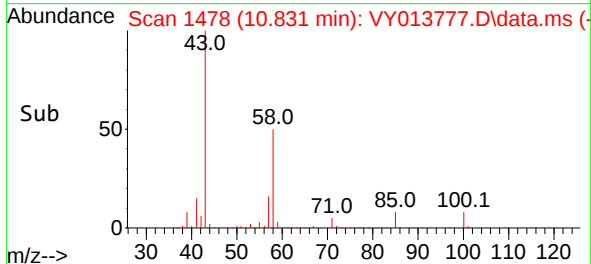
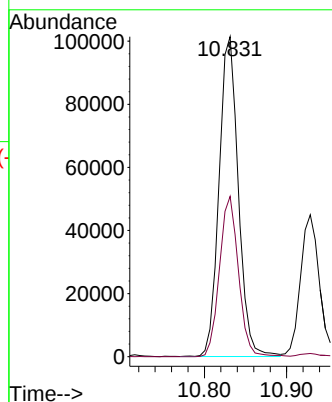
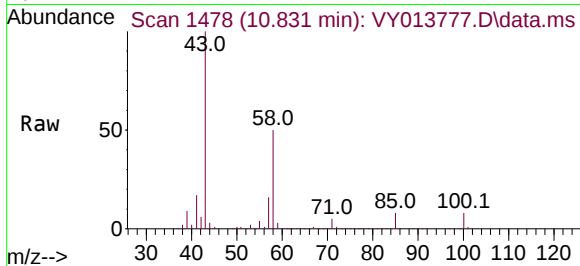




#59
2-Hexanone
Concen: 93.901 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013777.D
Acq: 17 May 2023 15:39

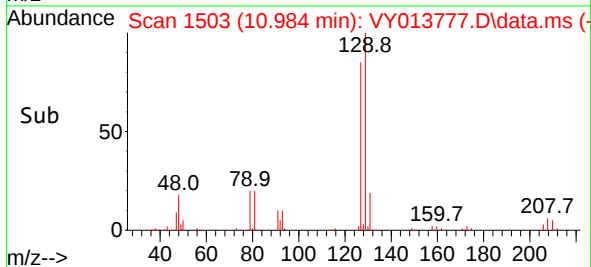
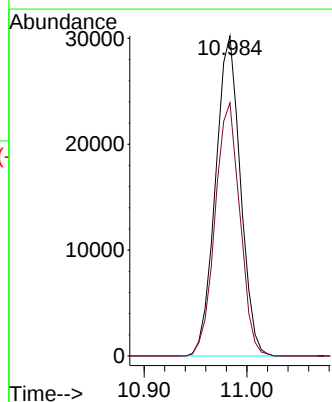
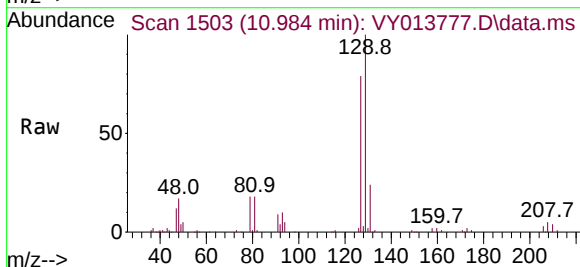
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBS01

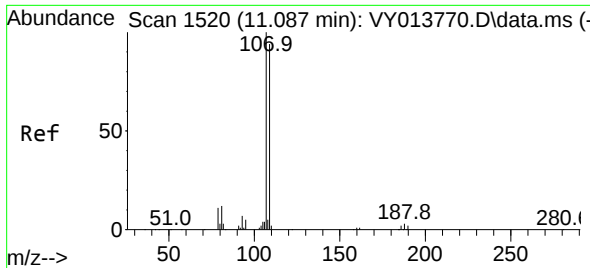
Tgt Ion: 43 Resp: 164850
Ion Ratio Lower Upper
43 100
58 49.5 24.8 74.4



#60
Dibromochloromethane
Concen: 19.424 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. -0.006 min
Lab File: VY013777.D
Acq: 17 May 2023 15:39

Tgt Ion: 129 Resp: 50857
Ion Ratio Lower Upper
129 100
127 78.9 38.6 115.7

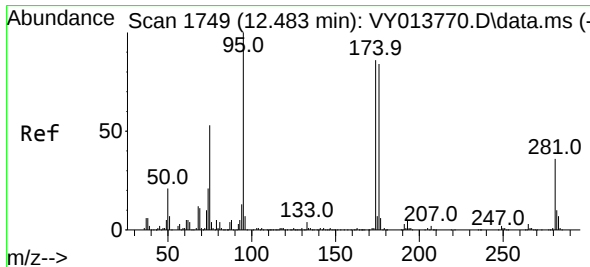
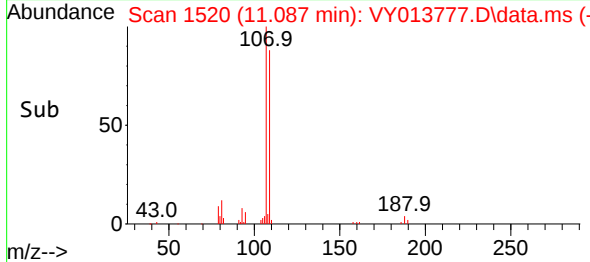
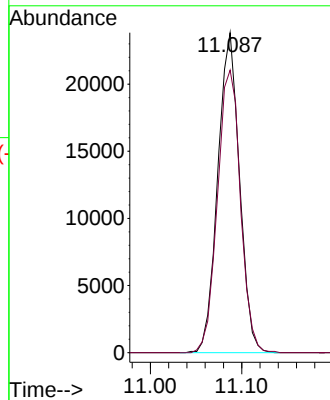
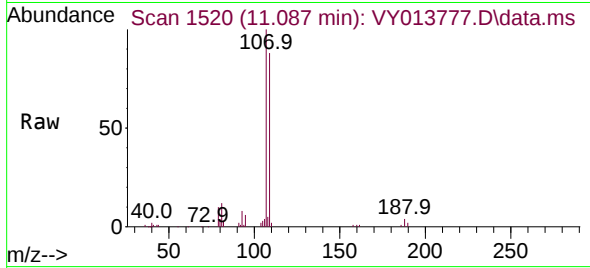




#61
1,2-Dibromoethane
Concen: 19.306 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013777.D
Acq: 17 May 2023 15:39

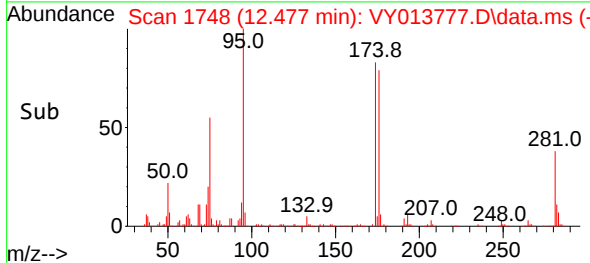
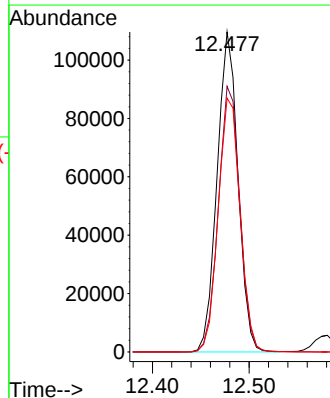
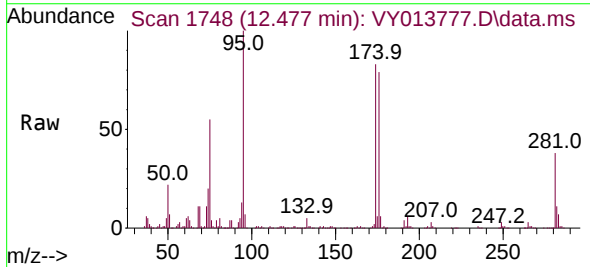
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBSD01

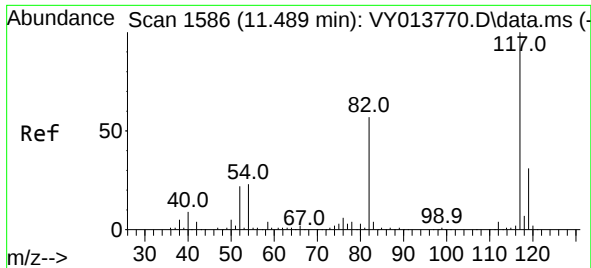
Tgt Ion:107 Resp: 39338
Ion Ratio Lower Upper
107 100
109 93.6 76.2 114.4



#62
4-Bromofluorobenzene
Concen: 50.766 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013777.D
Acq: 17 May 2023 15:39

Tgt Ion: 95 Resp: 164357
Ion Ratio Lower Upper
95 100
174 85.2 0.0 168.8
176 83.0 0.0 165.2

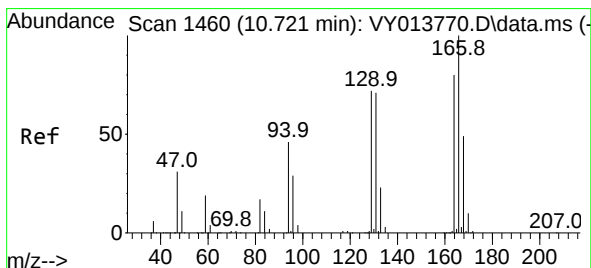
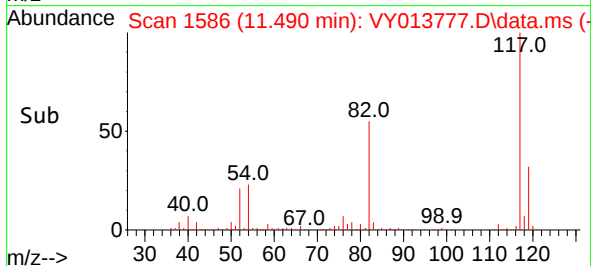
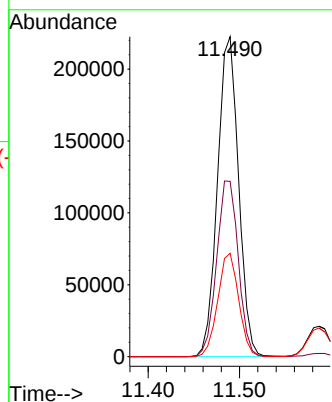
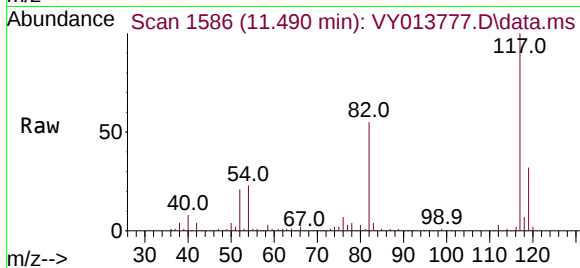




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013777.D
Acq: 17 May 2023 15:39

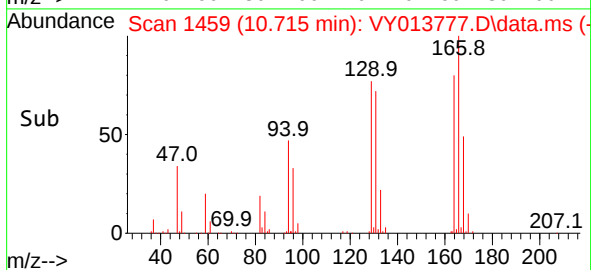
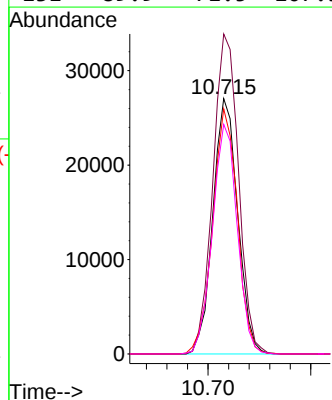
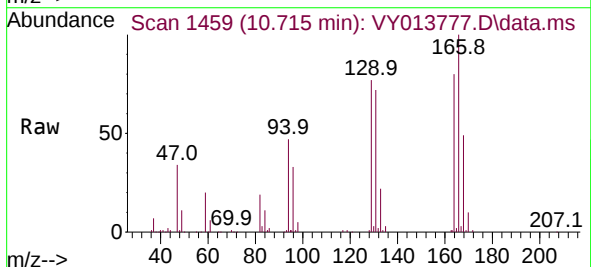
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBSD01

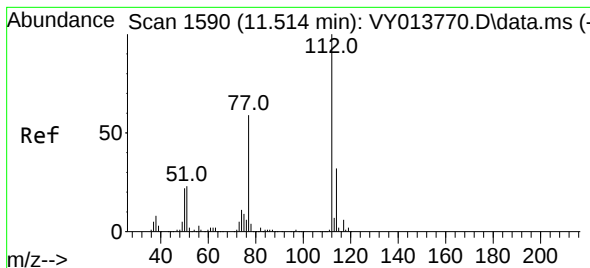
Tgt Ion:117 Resp: 356850
Ion Ratio Lower Upper
117 100
82 54.8 45.5 68.3
119 32.3 24.8 37.2



#64
Tetrachloroethene
Concen: 20.020 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY013777.D
Acq: 17 May 2023 15:39

Tgt Ion:164 Resp: 45319
Ion Ratio Lower Upper
164 100
166 125.3 100.5 150.7
129 96.0 72.5 108.7
131 89.9 71.5 107.3





#65

Chlorobenzene

Concen: 19.878 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013777.D

Acq: 17 May 2023 15:39

Instrument :

MSVOA_Y

ClientSampleId :

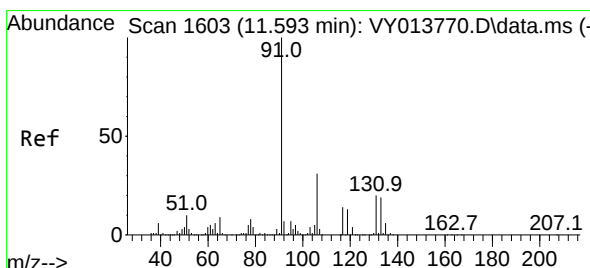
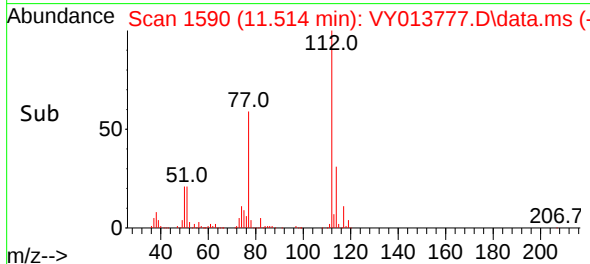
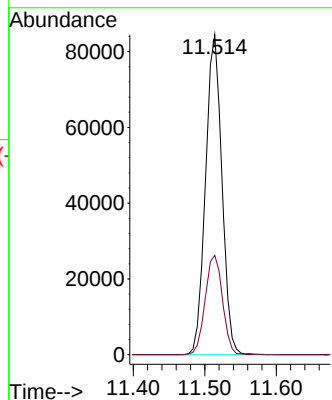
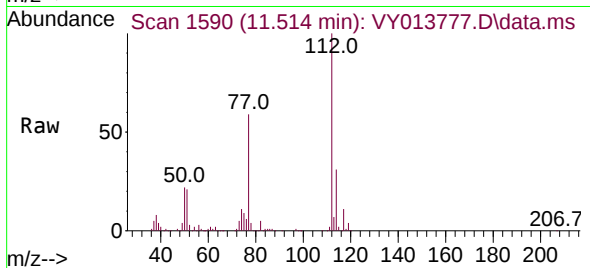
VY0517SBSD01

Tgt Ion:112 Resp: 134264

Ion Ratio Lower Upper

112 100

114 31.1 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 19.580 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY013777.D

Acq: 17 May 2023 15:39

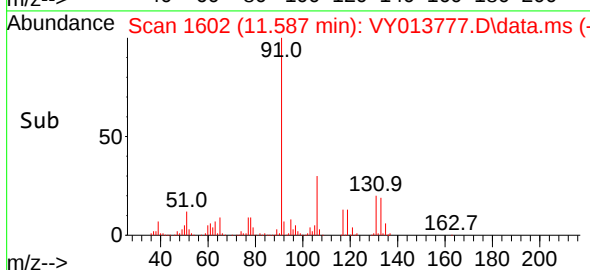
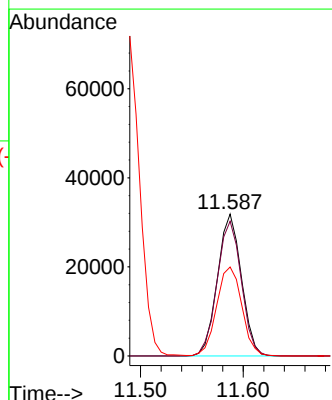
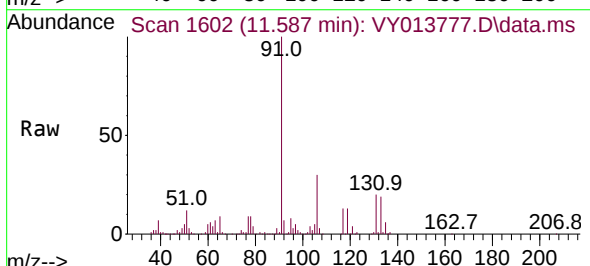
Tgt Ion:131 Resp: 51386

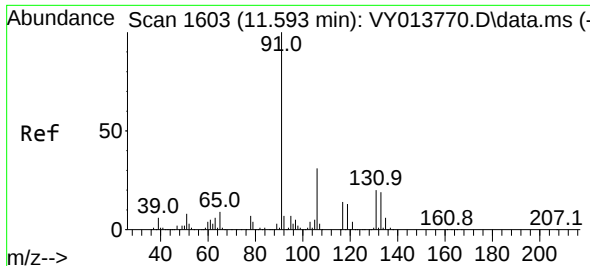
Ion Ratio Lower Upper

131 100

133 96.2 47.8 143.4

119 66.2 32.9 98.7





#67

Ethyl Benzene

Concen: 20.458 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013777.D

Acq: 17 May 2023 15:39

Instrument :

MSVOA_Y

ClientSampleId :

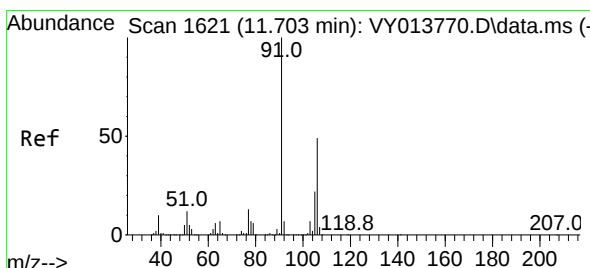
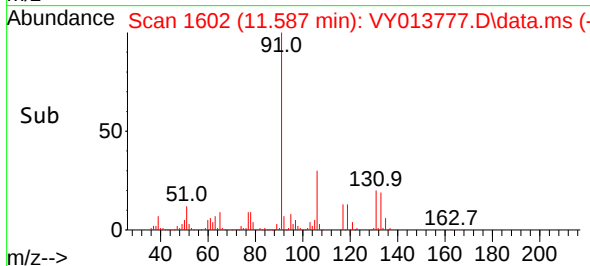
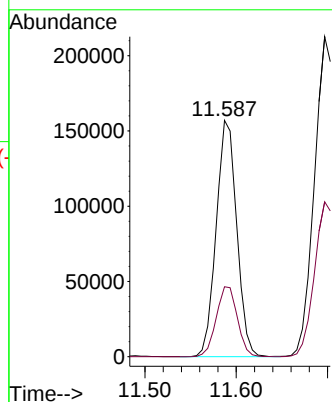
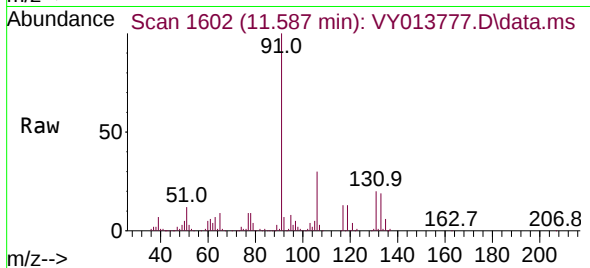
VY0517SBS01

Tgt Ion: 91 Resp: 245539

Ion Ratio Lower Upper

91 100

106 29.6 25.0 37.6



#68

m/p-Xylenes

Concen: 41.343 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY013777.D

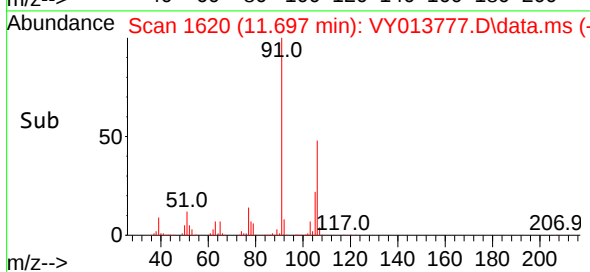
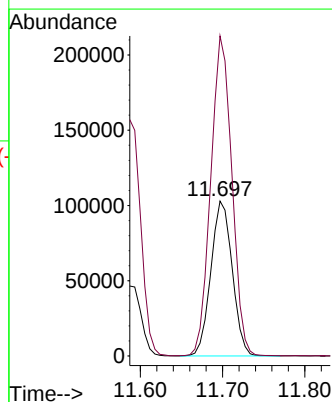
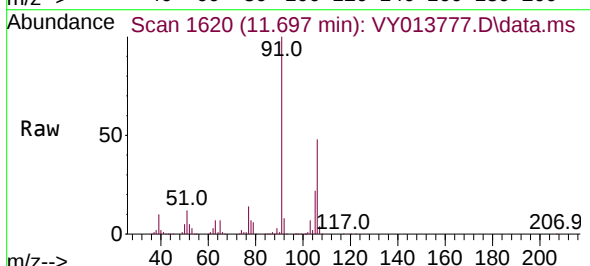
Acq: 17 May 2023 15:39

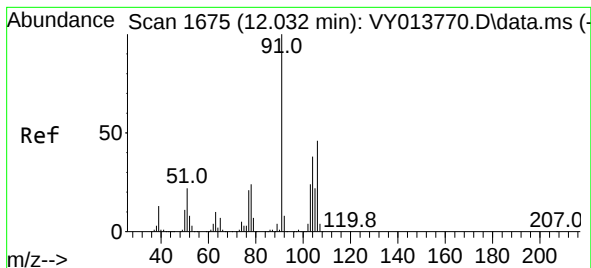
Tgt Ion: 106 Resp: 185856

Ion Ratio Lower Upper

106 100

91 204.5 164.0 246.0





#69

o-Xylene

Concen: 20.286 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013777.D

Acq: 17 May 2023 15:39

Instrument :

MSVOA_Y

ClientSampleId :

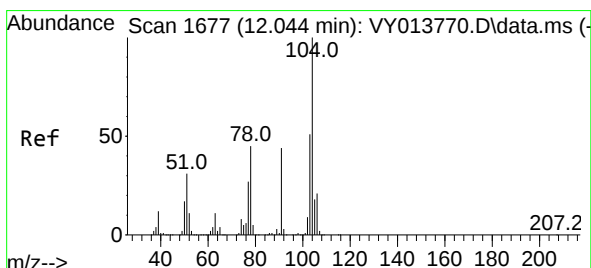
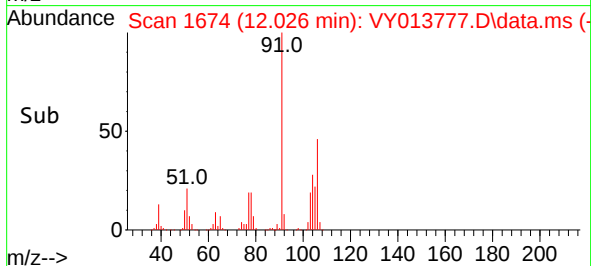
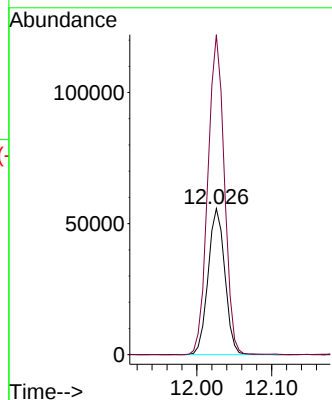
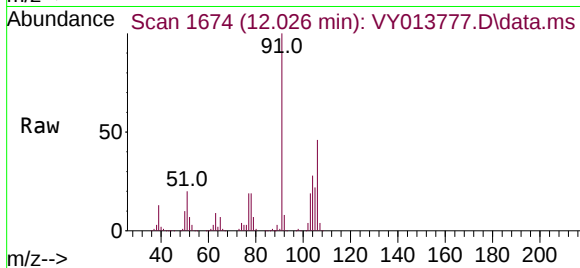
VY0517SBSD01

Tgt Ion:106 Resp: 86748

Ion Ratio Lower Upper

106 100

91 215.5 108.4 325.2



#70

Styrene

Concen: 19.977 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. -0.006 min

Lab File: VY013777.D

Acq: 17 May 2023 15:39

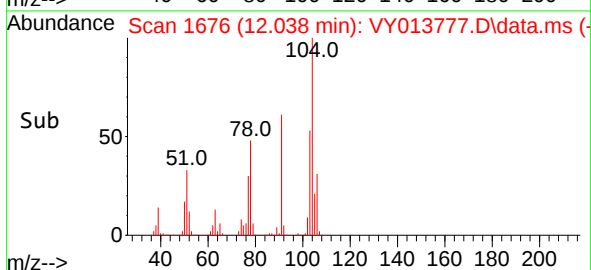
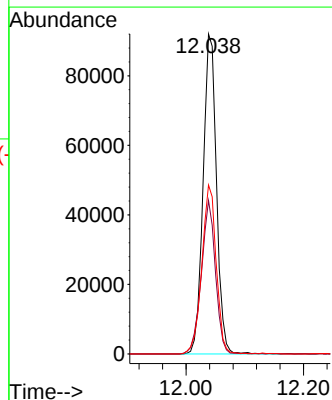
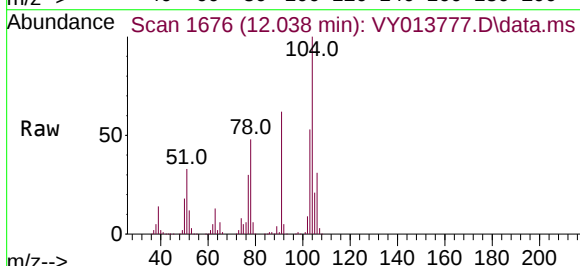
Tgt Ion:104 Resp: 145092

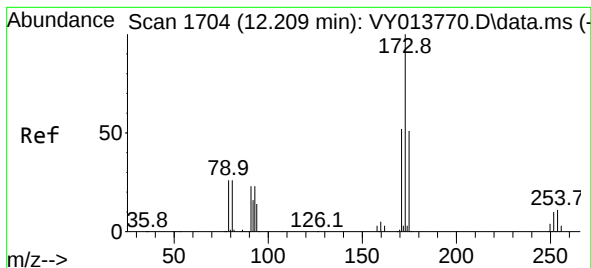
Ion Ratio Lower Upper

104 100

78 50.3 40.6 61.0

103 56.8 44.6 66.8





#71

Bromoform

Concen: 19.392 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013777.D

Acq: 17 May 2023 15:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0517SBSD01

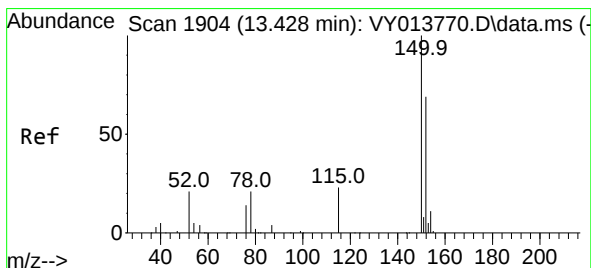
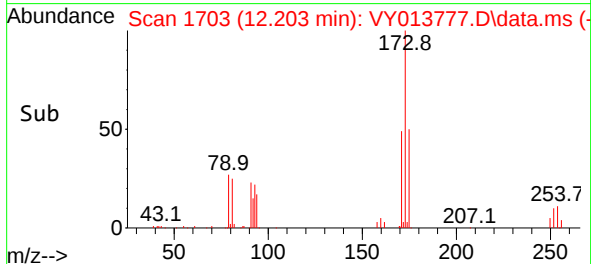
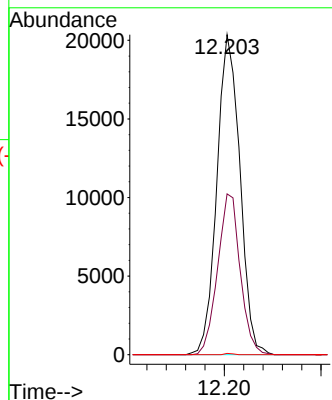
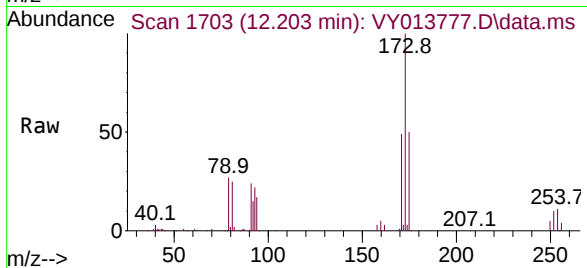
Tgt Ion:173 Resp: 33622

Ion Ratio Lower Upper

173 100

175 49.2 24.9 74.7

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY013777.D

Acq: 17 May 2023 15:39

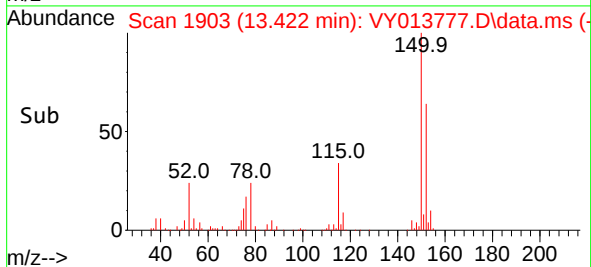
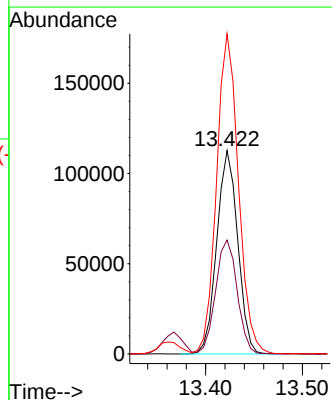
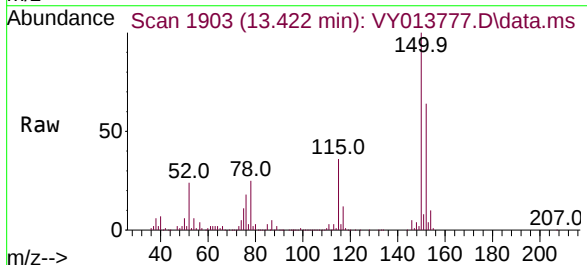
Tgt Ion:152 Resp: 169197

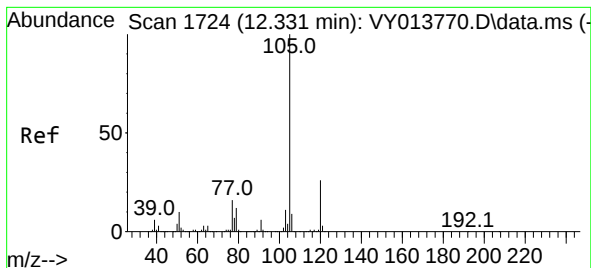
Ion Ratio Lower Upper

152 100

115 57.7 28.5 85.5

150 164.2 0.0 347.0





#73

Isopropylbenzene

Concen: 20.222 ug/l

RT: 12.325 min Scan# 1723

Delta R.T. -0.006 min

Lab File: VY013777.D

Acq: 17 May 2023 15:39

Instrument :

MSVOA_Y

ClientSampleId :

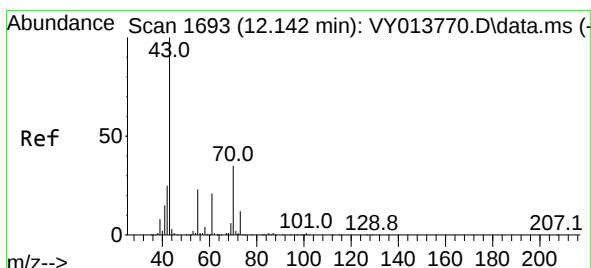
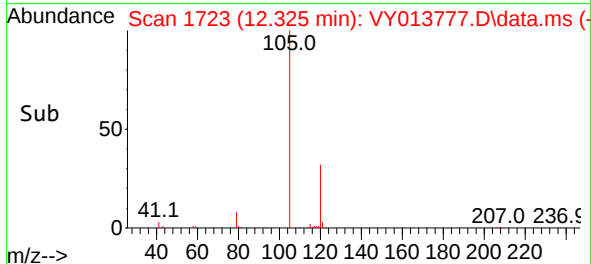
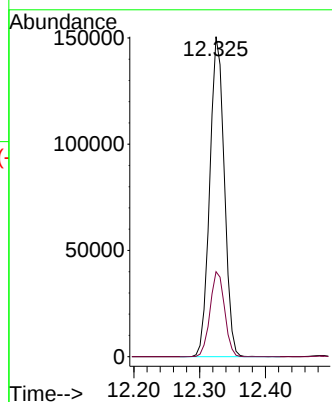
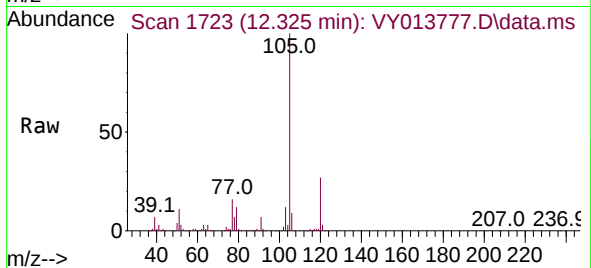
VY0517SBSD01

Tgt Ion:105 Resp: 231631

Ion Ratio Lower Upper

105 100

120 26.5 13.2 39.6



#74

N-ethyl acetate

Concen: 18.910 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY013777.D

Acq: 17 May 2023 15:39

Tgt Ion: 43 Resp: 73505

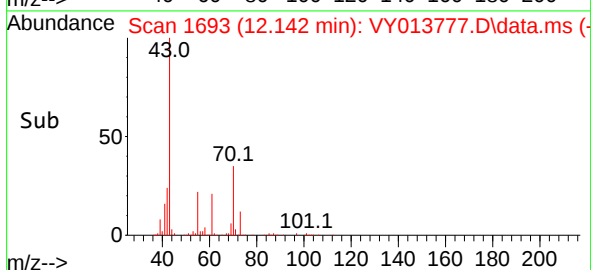
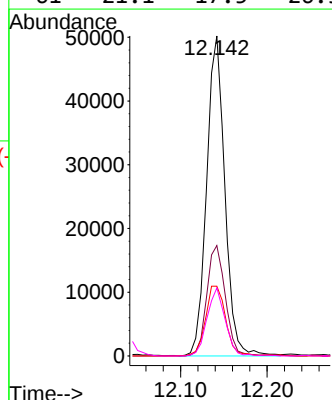
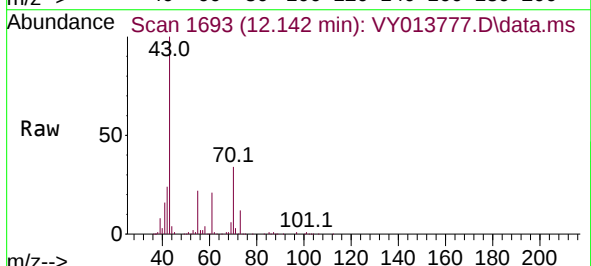
Ion Ratio Lower Upper

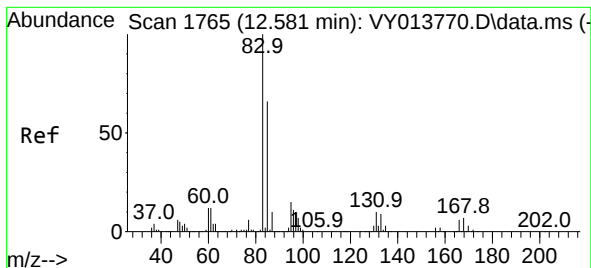
43 100

70 35.1 28.8 43.2

55 24.1 18.5 27.7

61 21.1 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 19.697 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY013777.D

Acq: 17 May 2023 15:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0517SBSD01

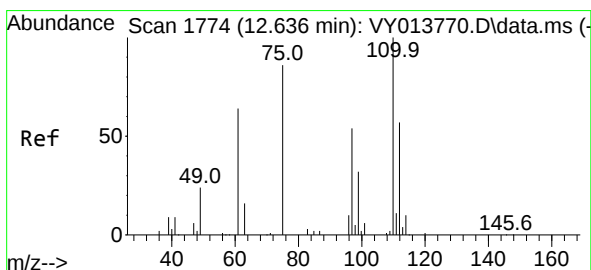
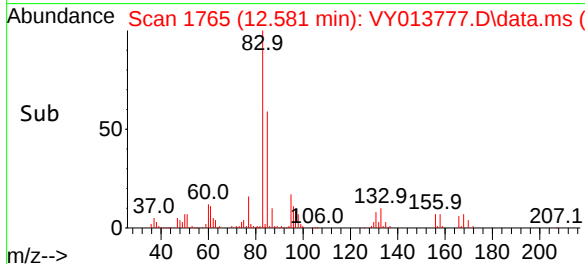
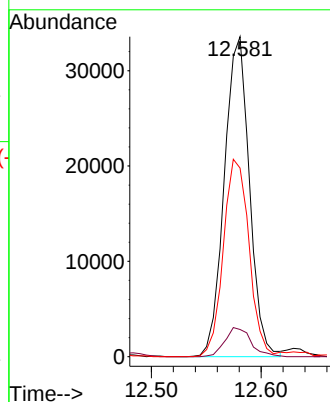
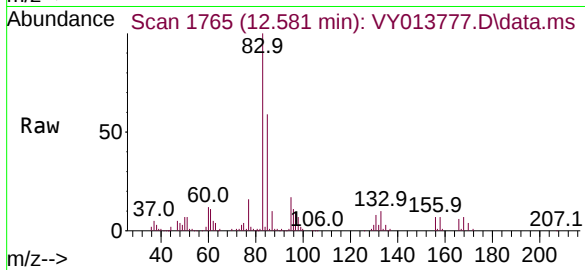
Tgt Ion: 83 Resp: 53447

Ion Ratio Lower Upper

83 100

131 9.4 5.1 15.2

85 63.6 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 32.809 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY013777.D

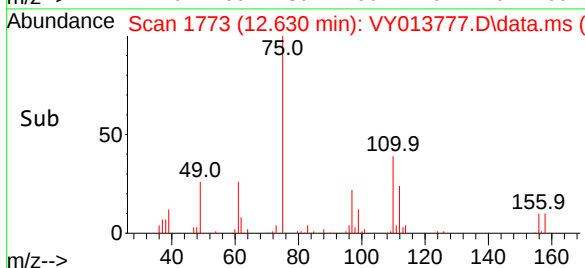
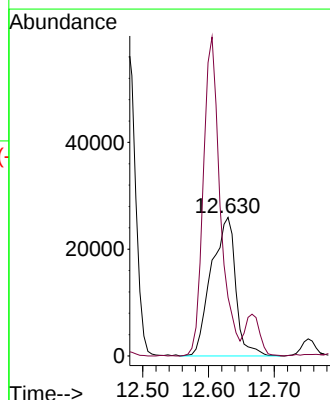
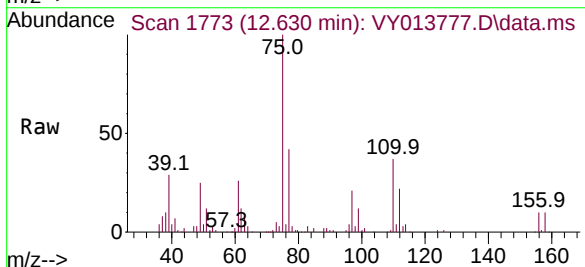
Acq: 17 May 2023 15:39

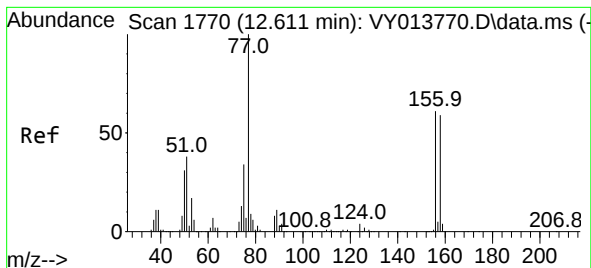
Tgt Ion: 75 Resp: 67184

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.411 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY013777.D

Acq: 17 May 2023 15:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0517SBSD01

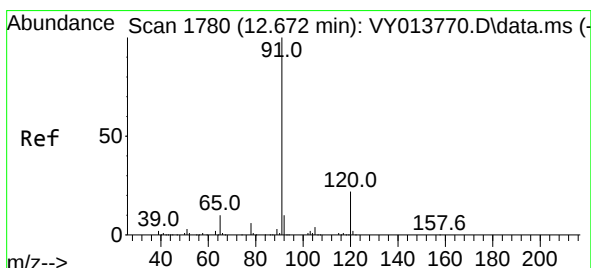
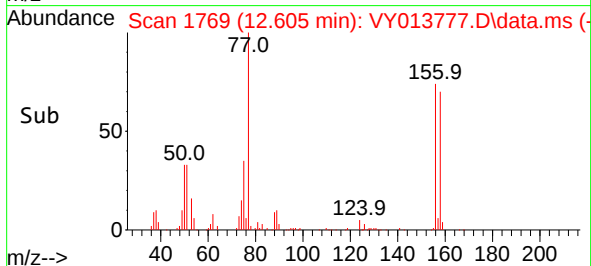
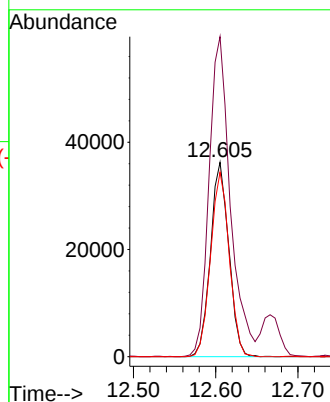
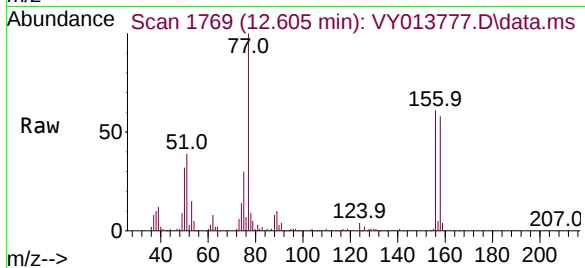
Tgt Ion:156 Resp: 56398

Ion Ratio Lower Upper

156 100

77 191.0 97.1 291.3

158 96.4 49.1 147.3



#78

n-propylbenzene

Concen: 20.630 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VY013777.D

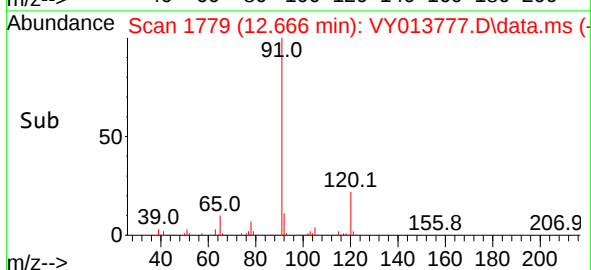
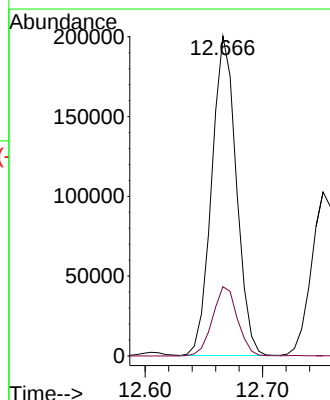
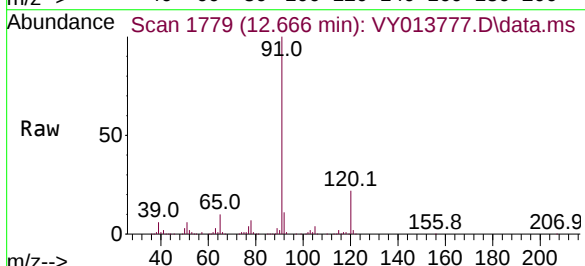
Acq: 17 May 2023 15:39

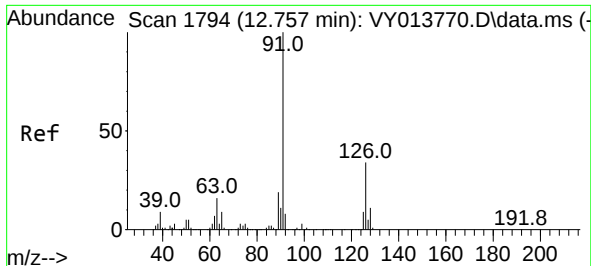
Tgt Ion: 91 Resp: 291086

Ion Ratio Lower Upper

91 100

120 22.0 10.9 32.9

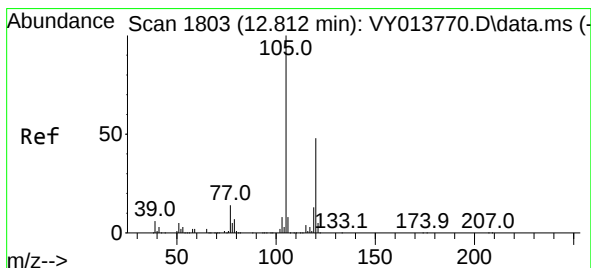
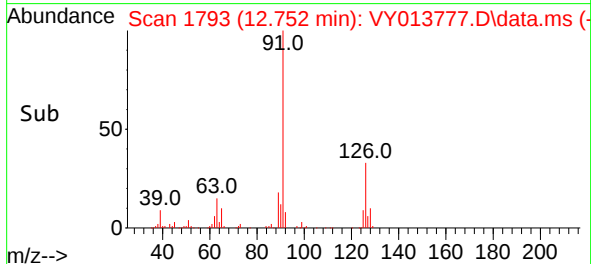
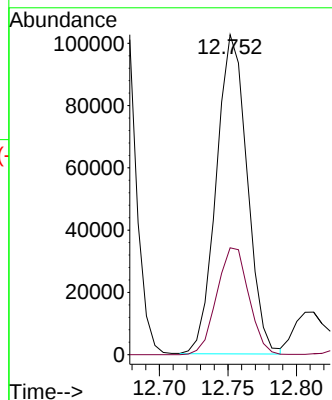
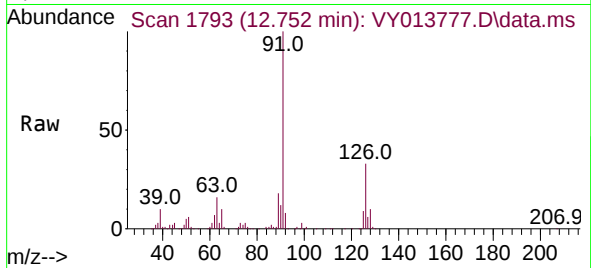




#79
2-Chlorotoluene
Concen: 20.193 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VY013777.D
Acq: 17 May 2023 15:39

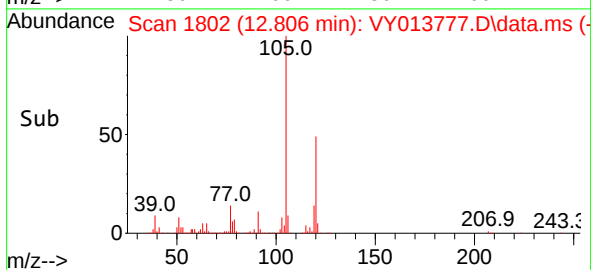
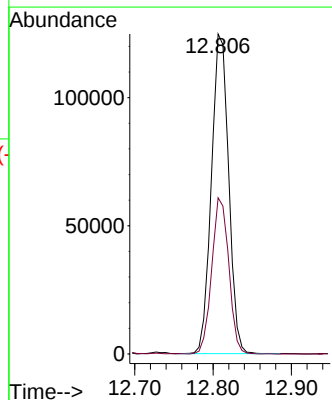
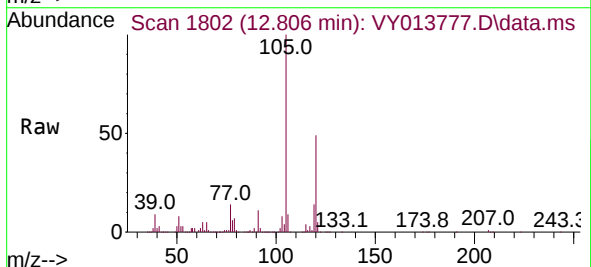
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBS01

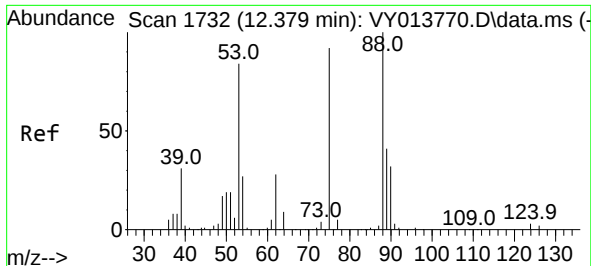
Tgt Ion: 91 Resp: 160809
Ion Ratio Lower Upper
91 100
126 34.7 17.1 51.2



#80
1,3,5-Trimethylbenzene
Concen: 20.366 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY013777.D
Acq: 17 May 2023 15:39

Tgt Ion: 105 Resp: 190223
Ion Ratio Lower Upper
105 100
120 48.3 23.8 71.5

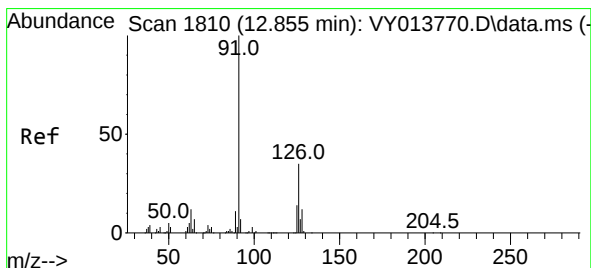
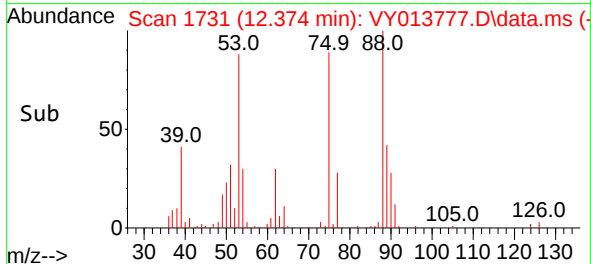
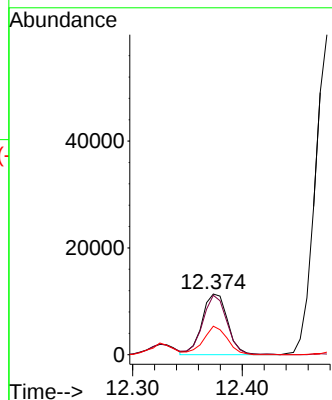
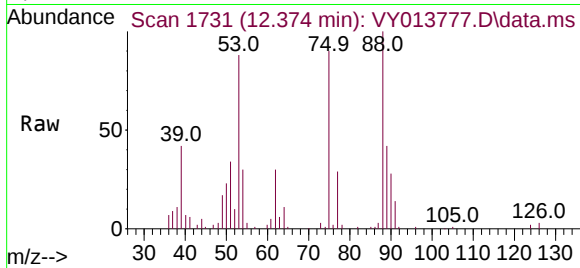




#81
trans-1,4-Dichloro-2-butene
Concen: 19.990 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY013777.D
Acq: 17 May 2023 15:39

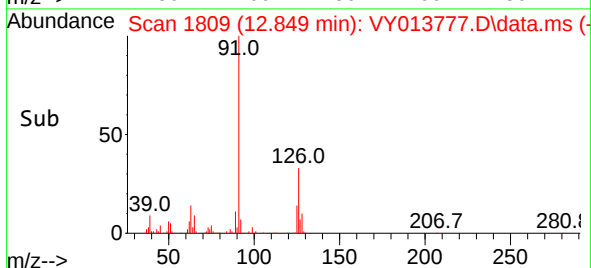
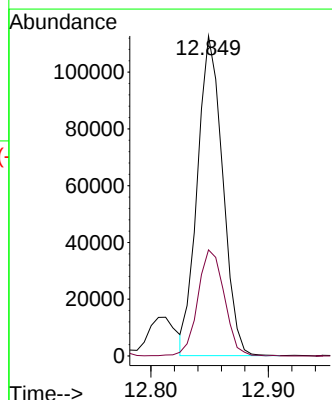
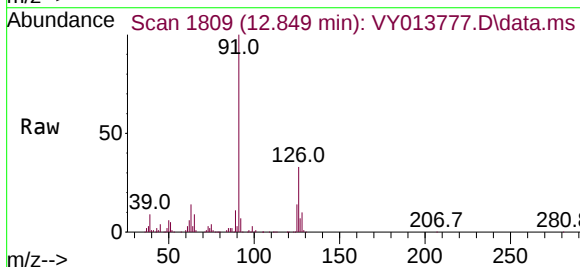
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBSD01

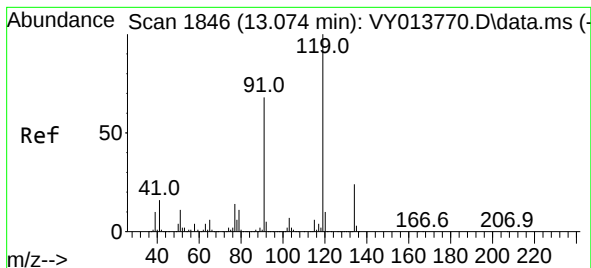
Tgt Ion: 75 Resp: 18386
Ion Ratio Lower Upper
75 100
53 93.4 75.3 112.9
89 44.0 35.4 53.2



#82
4-Chlorotoluene
Concen: 20.338 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY013777.D
Acq: 17 May 2023 15:39

Tgt Ion: 91 Resp: 168709
Ion Ratio Lower Upper
91 100
126 34.7 16.8 50.4





#83

tert-Butylbenzene

Concen: 20.199 ug/l

RT: 13.069 min Scan# 1845

Delta R.T. -0.006 min

Lab File: VY013777.D

Acq: 17 May 2023 15:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0517SBSD01

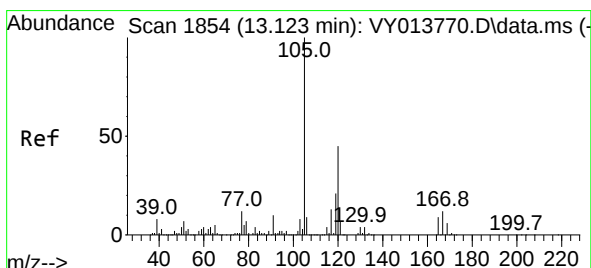
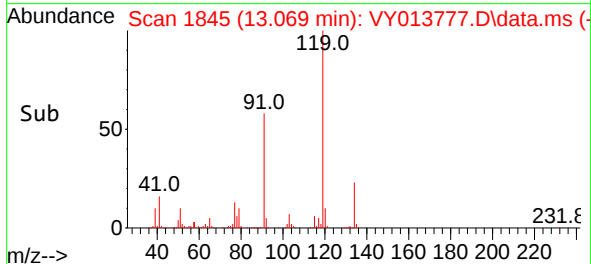
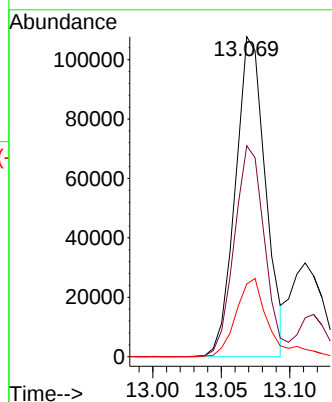
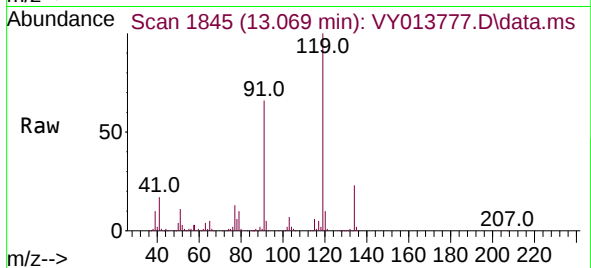
Tgt Ion:119 Resp: 164293

Ion Ratio Lower Upper

119 100

91 66.9 33.3 99.9

134 26.6 13.1 39.1



#84

1,2,4-Trimethylbenzene

Concen: 20.836 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY013777.D

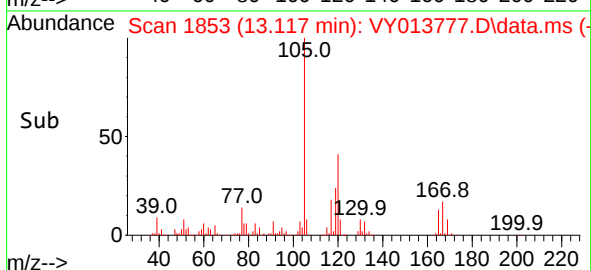
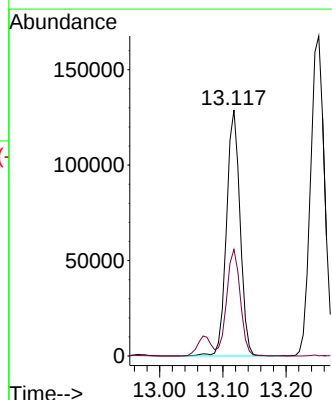
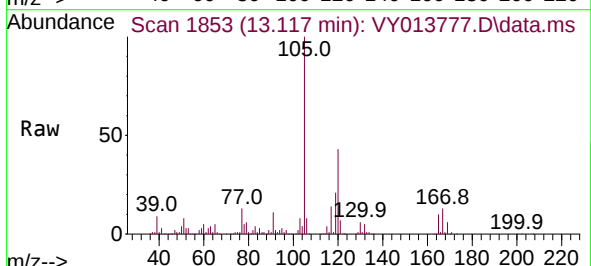
Acq: 17 May 2023 15:39

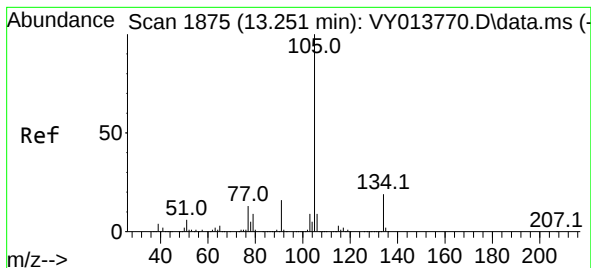
Tgt Ion:105 Resp: 190738

Ion Ratio Lower Upper

105 100

120 43.6 22.2 66.6





#85

sec-Butylbenzene

Concen: 20.801 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013777.D

Acq: 17 May 2023 15:39

Instrument :

MSVOA_Y

ClientSampleId :

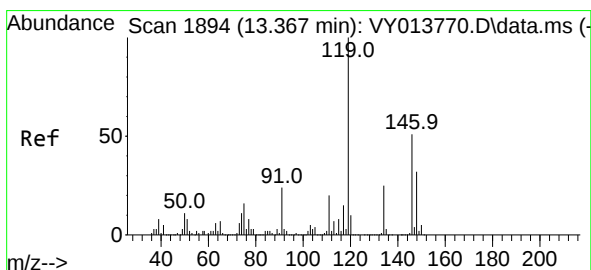
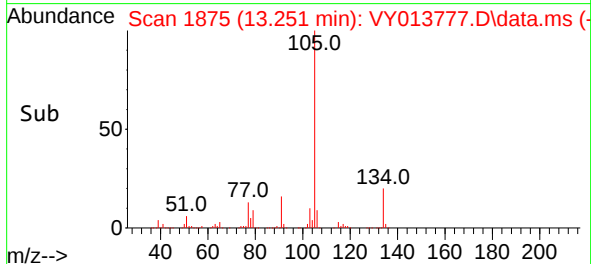
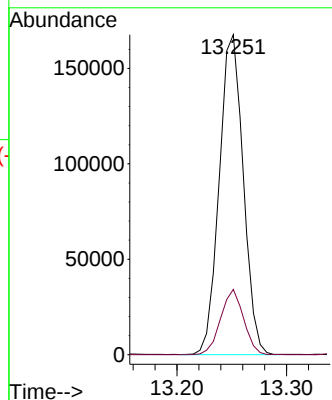
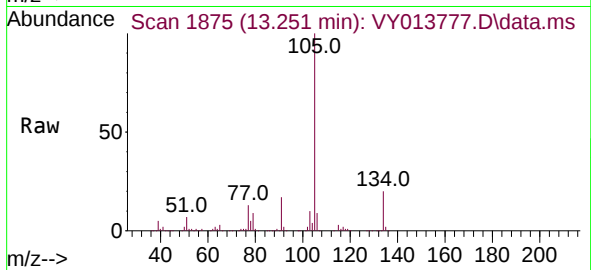
VY0517SBSD01

Tgt Ion:105 Resp: 255279

Ion Ratio Lower Upper

105 100

134 19.5 9.9 29.7



#86

p-Isopropyltoluene

Concen: 20.723 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013777.D

Acq: 17 May 2023 15:39

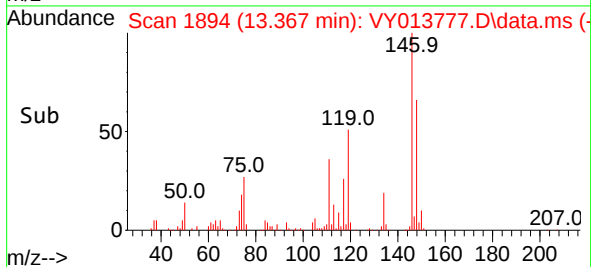
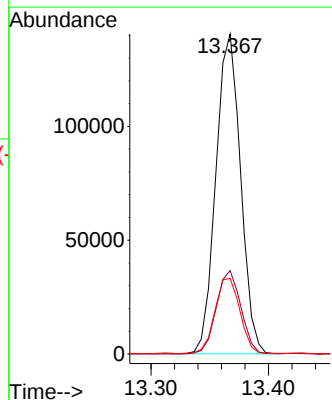
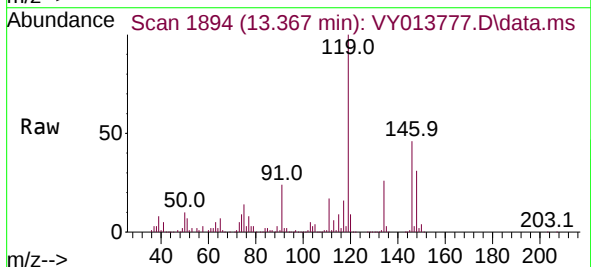
Tgt Ion:119 Resp: 205363

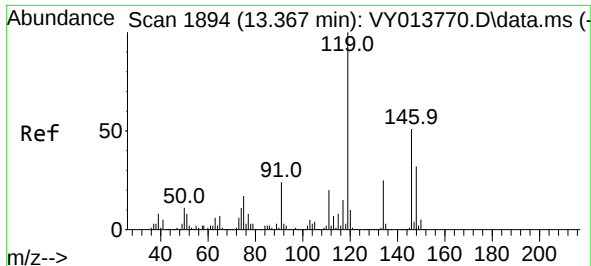
Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.3

91 23.9 11.8 35.4

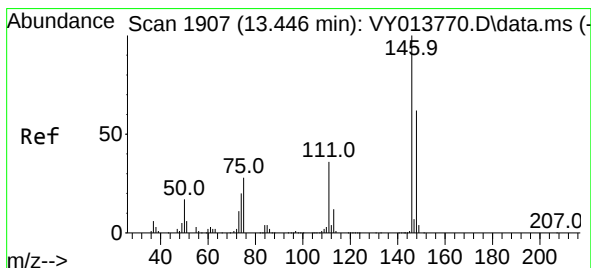
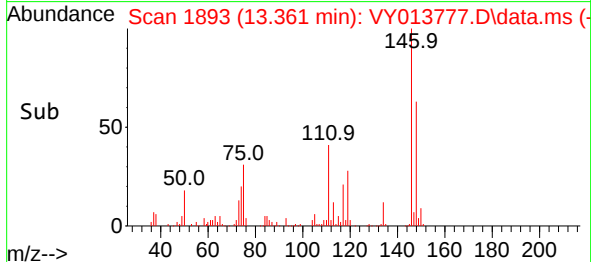
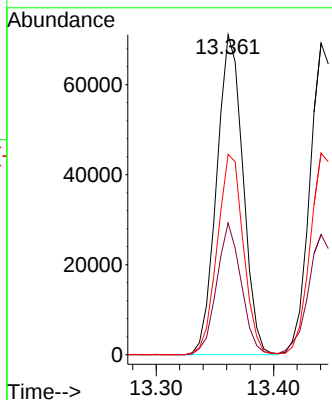
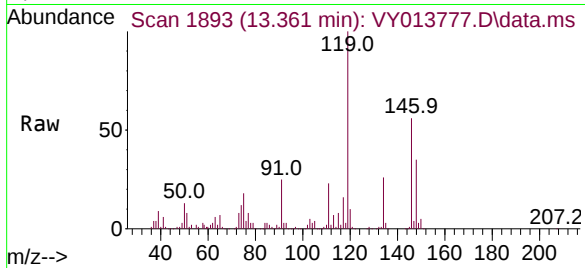




#87
1,3-Dichlorobenzene
Concen: 20.584 ug/l
RT: 13.361 min Scan# 1894
Delta R.T. -0.006 min
Lab File: VY013777.D
Acq: 17 May 2023 15:39

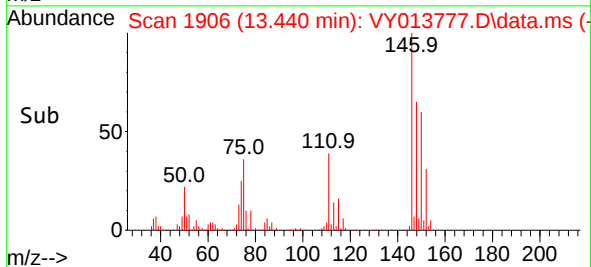
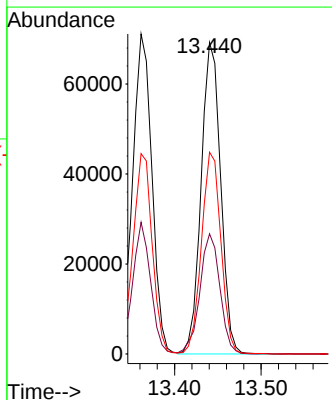
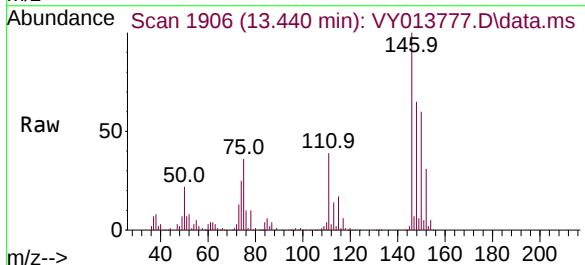
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBSD01

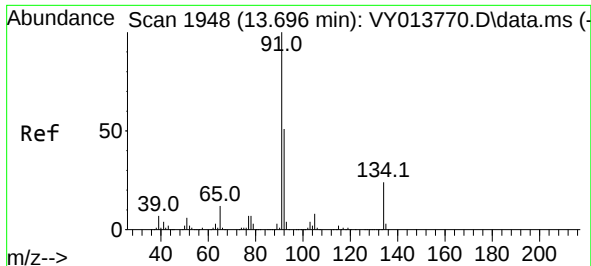
Tgt Ion:146 Resp: 110727
Ion Ratio Lower Upper
146 100
111 38.4 19.7 59.0
148 62.2 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 20.021 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY013777.D
Acq: 17 May 2023 15:39

Tgt Ion:146 Resp: 108291
Ion Ratio Lower Upper
146 100
111 39.6 18.9 56.7
148 64.7 31.6 94.7





#89

n-Butylbenzene

Concen: 20.514 ug/l

RT: 13.690 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY013777.D

Acq: 17 May 2023 15:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0517SBSD01

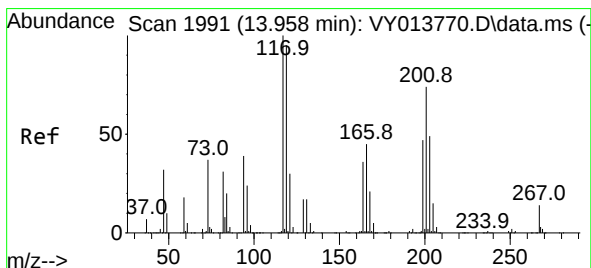
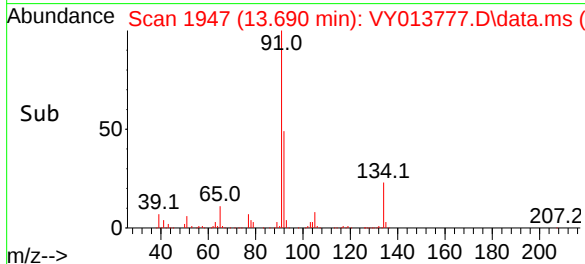
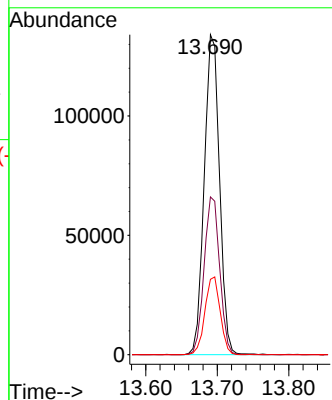
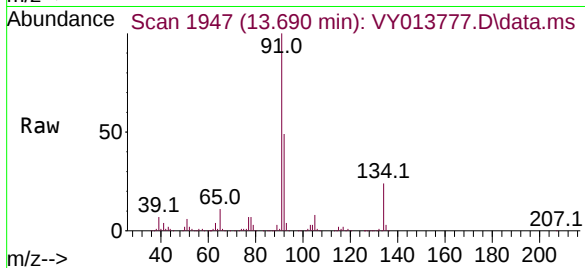
Tgt Ion: 91 Resp: 199303

Ion Ratio Lower Upper

91 100

92 50.3 25.4 76.4

134 24.3 12.2 36.6



#90

Hexachloroethane

Concen: 20.420 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY013777.D

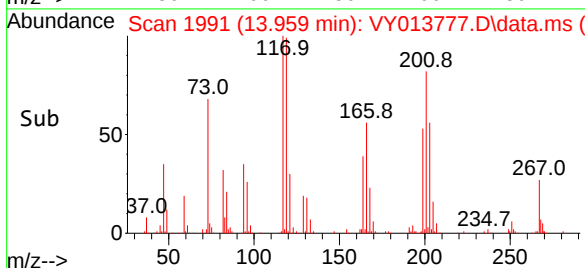
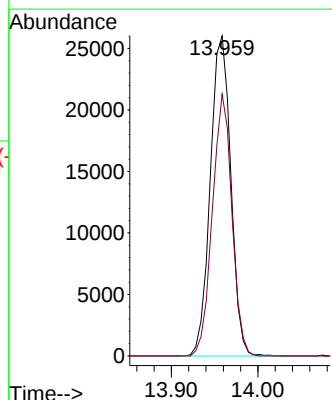
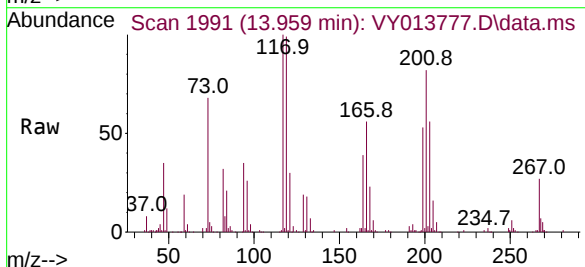
Acq: 17 May 2023 15:39

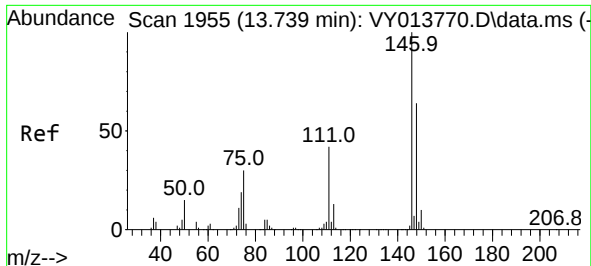
Tgt Ion: 117 Resp: 42762

Ion Ratio Lower Upper

117 100

201 77.9 39.2 117.6

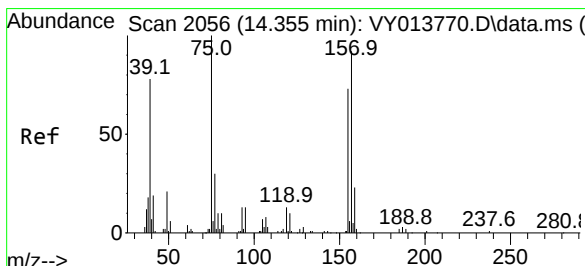
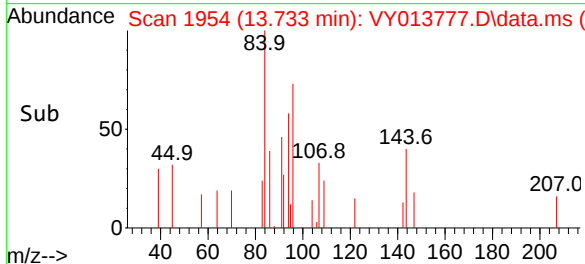
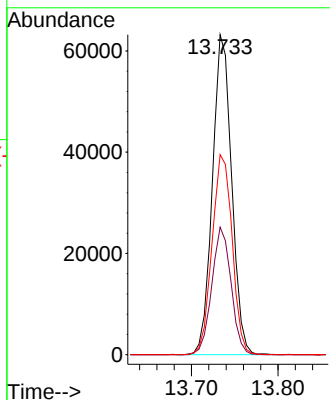
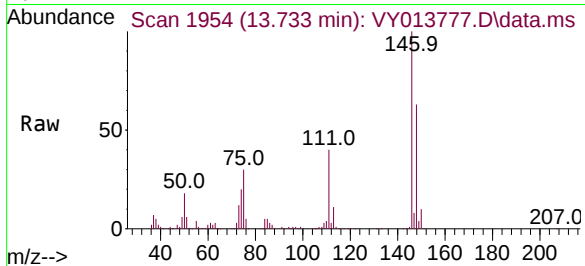




#91
1,2-Dichlorobenzene
Concen: 20.312 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. -0.006 min
Lab File: VY013777.D
Acq: 17 May 2023 15:39

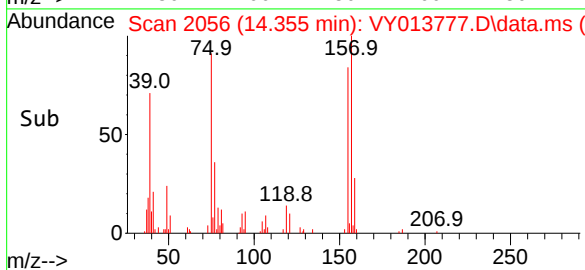
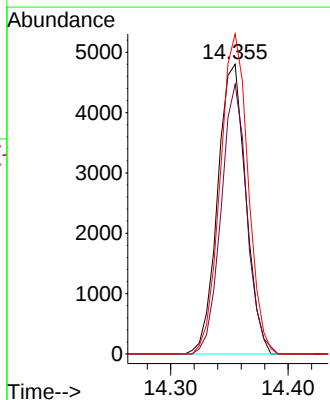
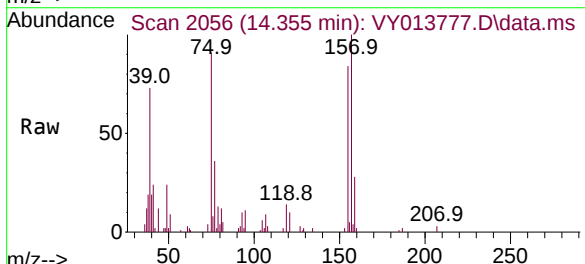
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBSD01

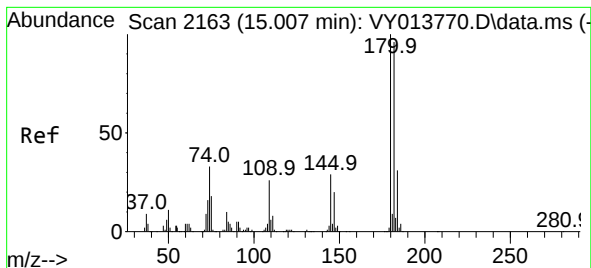
Tgt Ion:146 Resp: 97295
Ion Ratio Lower Upper
146 100
111 40.0 20.0 59.9
148 65.5 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.155 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY013777.D
Acq: 17 May 2023 15:39

Tgt Ion: 75 Resp: 7982
Ion Ratio Lower Upper
75 100
155 85.2 39.1 117.3
157 109.3 50.2 150.7





#93

1,2,4-Trichlorobenzene

Concen: 19.408 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY013777.D

Acq: 17 May 2023 15:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0517SBS01

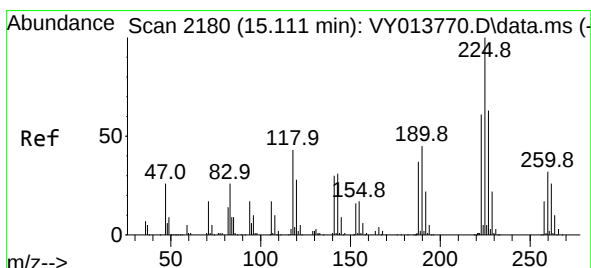
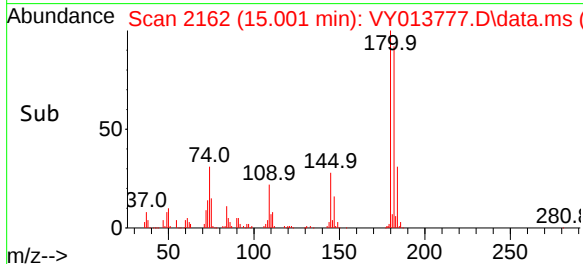
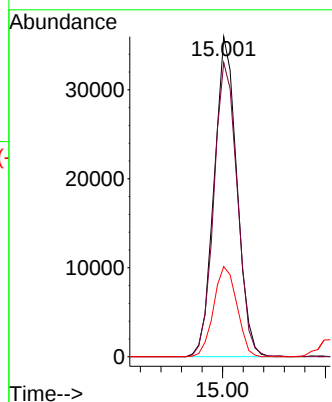
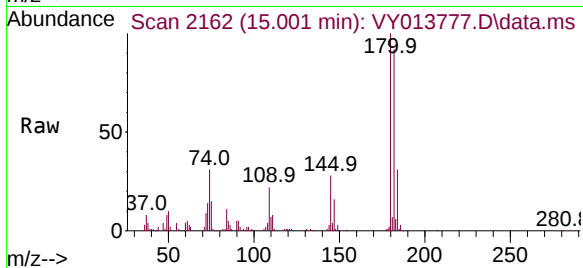
Tgt Ion:180 Resp: 55168

Ion Ratio Lower Upper

180 100

182 94.6 47.4 142.3

145 28.8 14.9 44.9



#94

Hexachlorobutadiene

Concen: 19.566 ug/l

RT: 15.105 min Scan# 2179

Delta R.T. -0.006 min

Lab File: VY013777.D

Acq: 17 May 2023 15:39

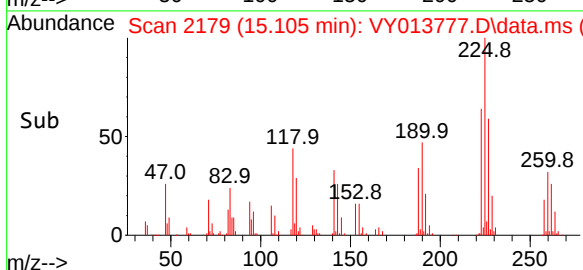
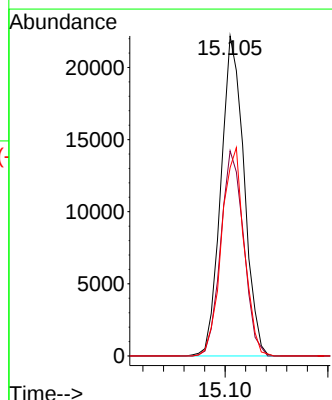
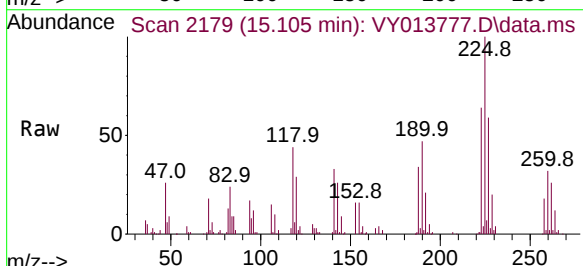
Tgt Ion:225 Resp: 34550

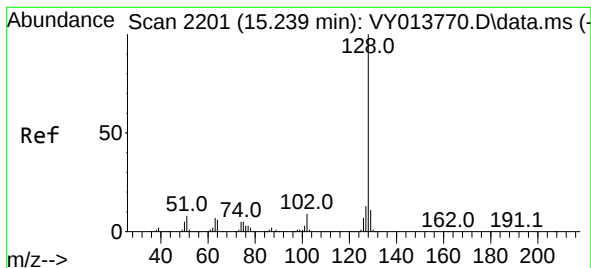
Ion Ratio Lower Upper

225 100

223 63.5 30.6 91.6

227 63.6 31.6 94.7





#95

Naphthalene

Concen: 18.058 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY013777.D

Acq: 17 May 2023 15:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0517SBSD01

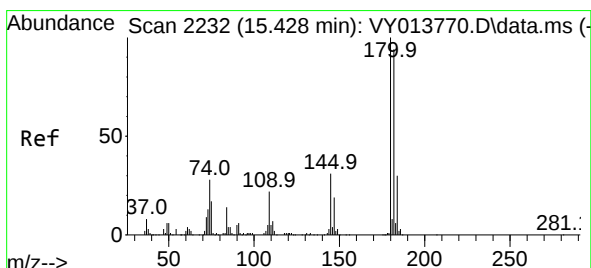
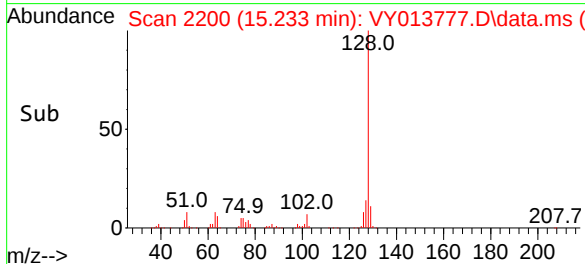
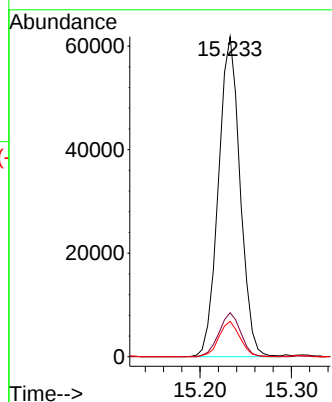
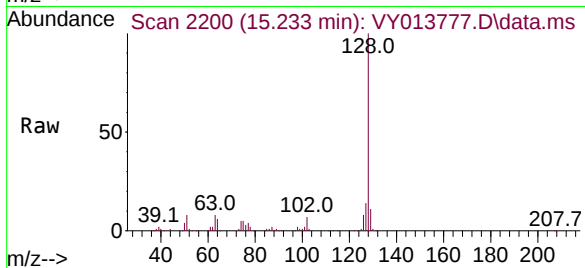
Tgt Ion:128 Resp: 101881

Ion Ratio Lower Upper

128 100

127 13.8 10.8 16.2

129 10.7 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 18.407 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY013777.D

Acq: 17 May 2023 15:39

Tgt Ion:180 Resp: 47075

Ion Ratio Lower Upper

180 100

182 96.1 47.8 143.4

145 30.2 15.6 46.7

