

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051723\
 Data File : VY013776.D
 Acq On : 17 May 2023 15:16
 Operator : KP/MD
 Sample : VY0517SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0517SBS01

Quant Time: May 18 07:02:26 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	254433	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	403114	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	360238	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	171065	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	141074	47.730	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.460%
35) Dibromofluoromethane	7.716	113	124435	48.137	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.280%
50) Toluene-d8	10.179	98	484405	49.429	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.860%
62) 4-Bromofluorobenzene	12.477	95	159317	48.943	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.880%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	36296	19.869	ug/l	98
3) Chloromethane	2.113	50	55288	19.963	ug/l	95
4) Vinyl Chloride	2.247	62	56277	20.350	ug/l	99
5) Bromomethane	2.650	94	51324	20.929	ug/l	93
6) Chloroethane	2.790	64	39272	20.660	ug/l	100
7) Trichlorofluoromethane	3.125	101	80248	19.938	ug/l	97
8) Diethyl Ether	3.528	74	25704	19.085	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.899	101	48188	20.457	ug/l	97
10) Methyl Iodide	4.088	142	47228	18.249	ug/l	97
11) Tert butyl alcohol	4.930	59	40880	170.733	ug/l #	73
12) 1,1-Dichloroethene	3.869	96	43222	20.243	ug/l	99
13) Acrolein	3.729	56	39103	91.416	ug/l	97
14) Allyl chloride	4.473	41	83560	19.867	ug/l	98
15) Acrylonitrile	5.155	53	72394	91.660	ug/l	99
16) Acetone	3.948	43	80662	90.455	ug/l	98
17) Carbon Disulfide	4.192	76	118315	19.284	ug/l	99
18) Methyl Acetate	4.473	43	57900	18.624	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	123625	19.084	ug/l	96
20) Methylene Chloride	4.716	84	72831	23.886	ug/l	95
21) trans-1,2-Dichloroethene	5.210	96	47576	19.789	ug/l	98
22) Diisopropyl ether	6.119	45	180308	20.154	ug/l	99
23) Vinyl Acetate	6.058	43	491290	94.896	ug/l	100
24) 1,1-Dichloroethane	6.009	63	97769	19.990	ug/l	99
25) 2-Butanone	6.990	43	108762	93.824	ug/l	100
26) 2,2-Dichloropropane	6.978	77	86439	20.691	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	55488	19.587	ug/l	96
28) Bromochloromethane	7.332	49	34502	20.162	ug/l	100
29) Tetrahydrofuran	7.344	42	62510	90.123	ug/l	98
30) Chloroform	7.502	83	97139	19.710	ug/l	99
31) Cyclohexane	7.783	56	81662	19.270	ug/l	95
32) 1,1,1-Trichloroethane	7.698	97	83837	19.928	ug/l	100
36) 1,1-Dichloropropene	7.917	75	70478	19.733	ug/l	99
37) Ethyl Acetate	7.070	43	46961	19.114	ug/l	99
38) Carbon Tetrachloride	7.899	117	74776	19.845	ug/l	96
39) Methylcyclohexane	9.185	83	78821	19.416	ug/l	95
40) Benzene	8.155	78	207509	19.993	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	23415	19.179	ug/l #	57
42) 1,2-Dichloroethane	8.234	62	65624	19.568	ug/l	99
43) Isopropyl Acetate	8.271	43	83189	18.655	ug/l	99
44) Trichloroethene	8.935	130	52436	19.326	ug/l	90
45) 1,2-Dichloropropane	9.216	63	56122	19.677	ug/l	94
46) Dibromomethane	9.307	93	30374	19.015	ug/l	99
47) Bromodichloromethane	9.490	83	73583	19.452	ug/l	99
48) Methyl methacrylate	9.289	41	38148	18.623	ug/l	98
49) 1,4-Dioxane	9.307	88	7432	379.093	ug/l	97
51) 4-Methyl-2-Pentanone	10.069	43	228295	91.935	ug/l	99
52) Toluene	10.240	92	125292	19.912	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	74472	19.094	ug/l	96
54) cis-1,3-Dichloropropene	9.923	75	85594	19.669	ug/l	100
55) 1,1,2-Trichloroethane	10.642	97	42294	19.467	ug/l	97
56) Ethyl methacrylate	10.508	69	54281	18.722	ug/l	98
57) 1,3-Dichloropropane	10.788	76	71953	19.251	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	103164	98.213	ug/l	99
59) 2-Hexanone	10.831	43	163972	92.896	ug/l	98
60) Dibromochloromethane	10.984	129	51013	19.378	ug/l	99
61) 1,2-Dibromoethane	11.087	107	39267	19.167	ug/l	100
64) Tetrachloroethene	10.715	164	45339	19.840	ug/l	96
65) Chlorobenzene	11.514	112	136110	19.962	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	50755	19.157	ug/l	98
67) Ethyl Benzene	11.587	91	241189	19.906	ug/l	95
68) m/p-Xylenes	11.703	106	183293	40.390	ug/l	99
69) o-Xylene	12.026	106	86059	19.935	ug/l	99
70) Styrene	12.038	104	144868	19.758	ug/l	99
71) Bromoform	12.203	173	33041	18.877	ug/l #	98
73) Isopropylbenzene	12.325	105	227579	19.651	ug/l	100
74) N-amyl acetate	12.142	43	72620	18.478	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	50346	18.351	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	66133	31.943	ug/l #	100
77) Bromobenzene	12.605	156	55307	19.797	ug/l	99
78) n-propylbenzene	12.666	91	289165	20.270	ug/l	100
79) 2-Chlorotoluene	12.752	91	161827	20.099	ug/l	100
80) 1,3,5-Trimethylbenzene	12.806	105	189721	20.091	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	17568	18.892	ug/l	99
82) 4-Chlorotoluene	12.849	91	167154	19.930	ug/l	98
83) tert-Butylbenzene	13.069	119	169961	20.668	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	189163	20.438	ug/l	100
85) sec-Butylbenzene	13.251	105	257339	20.740	ug/l	99
86) p-Isopropyltoluene	13.367	119	202205	20.182	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	108637	19.975	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	107846	19.721	ug/l	98
89) n-Butylbenzene	13.696	91	200273	20.388	ug/l	99
90) Hexachloroethane	13.959	117	42533	20.089	ug/l	98
91) 1,2-Dichlorobenzene	13.733	146	96903	20.009	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8221	18.494	ug/l	96
93) 1,2,4-Trichlorobenzene	15.001	180	56615	19.699	ug/l	99
94) Hexachlorobutadiene	15.111	225	36323	20.345	ug/l	98
95) Naphthalene	15.233	128	100962	17.700	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	48676	18.825	ug/l	99

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Quant Title : SW846 8260
QLast Update : Thu May 18 06:54:18 2023
Response via : Initial Calibration

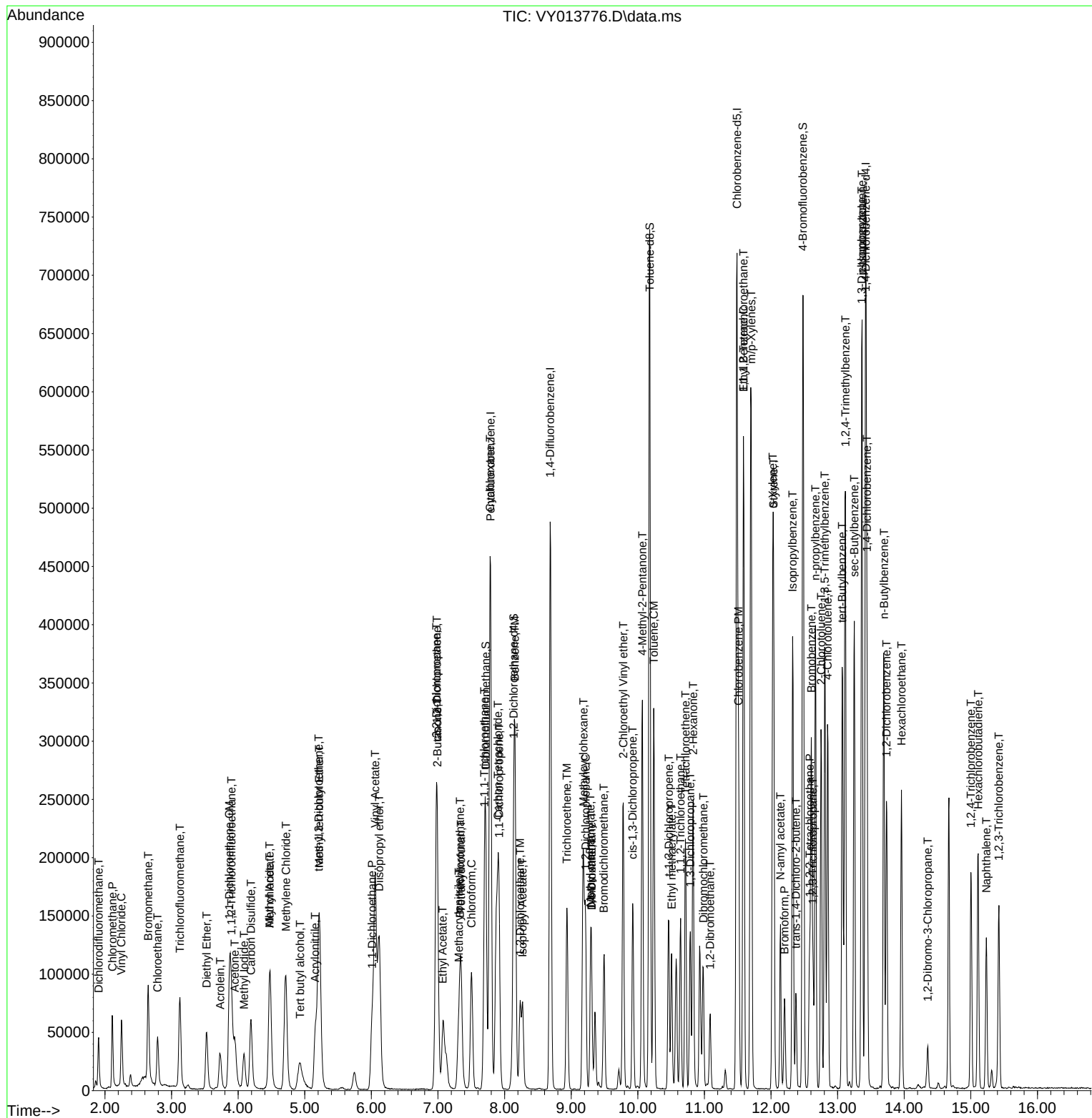
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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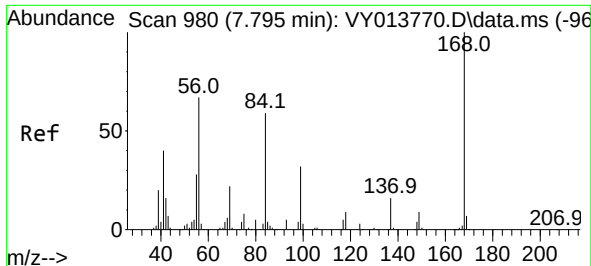
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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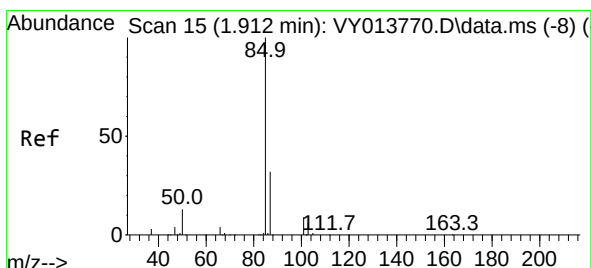
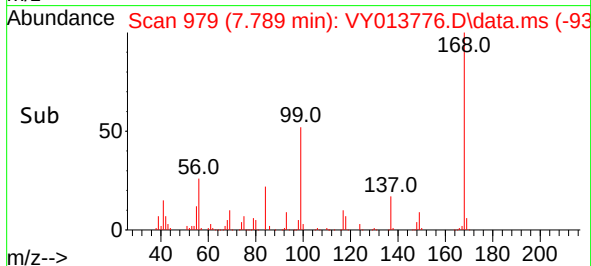
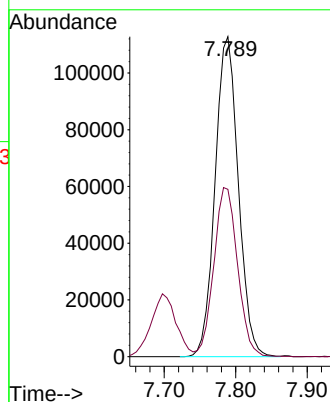
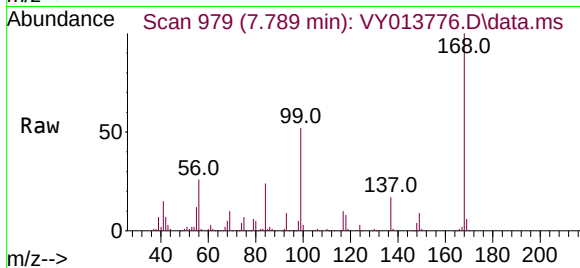




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013776.D
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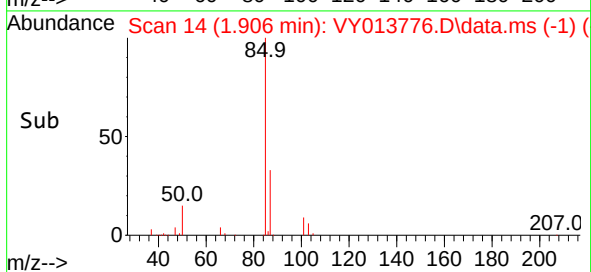
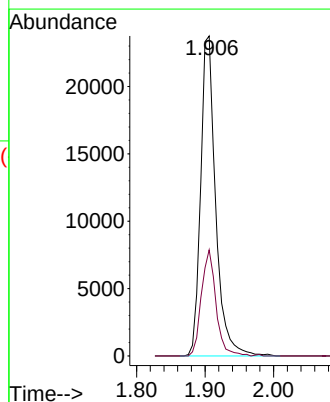
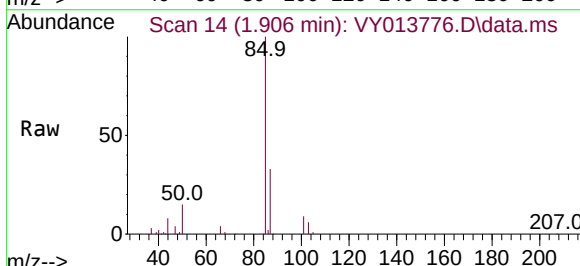
Instrument :
MSVOA_Y
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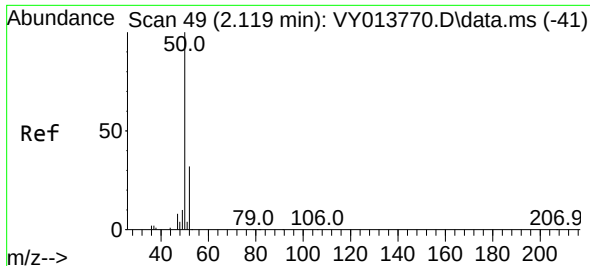
Tgt Ion:168 Resp: 254433
Ion Ratio Lower Upper
168 100
99 52.1 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 19.869 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY013776.D
Acq: 17 May 2023 15:16

Tgt Ion: 85 Resp: 36296
Ion Ratio Lower Upper
85 100
87 33.2 16.1 48.2

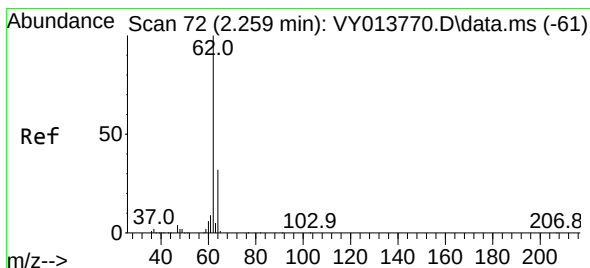
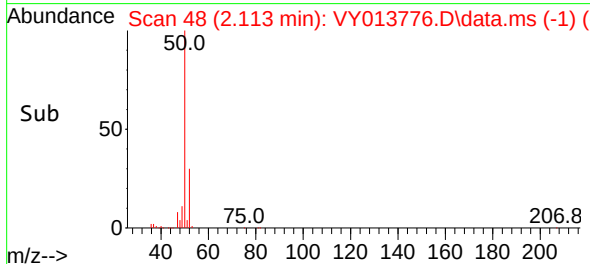
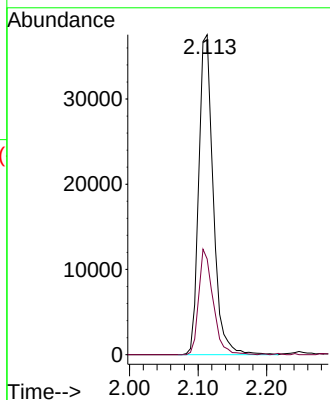
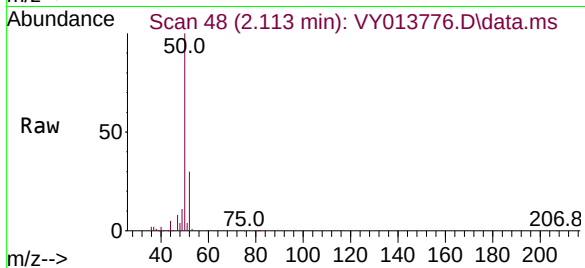




#3
Chloromethane
Concen: 19.963 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013776.D
Acq: 17 May 2023 15:16

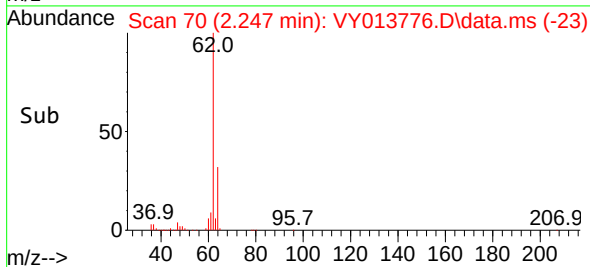
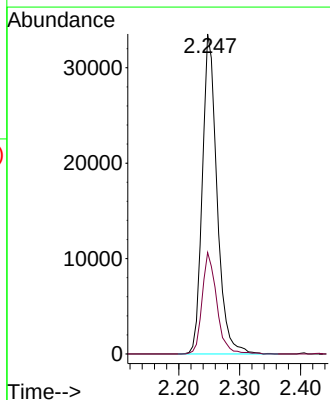
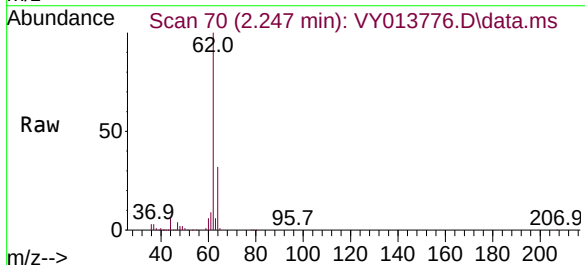
Instrument :
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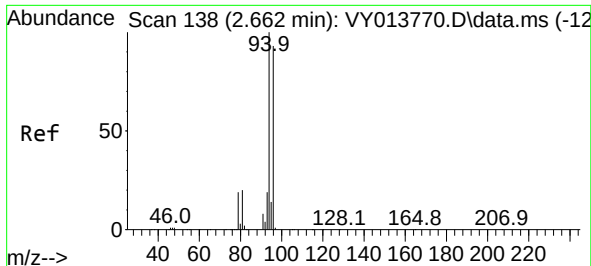
Tgt Ion: 50 Resp: 55288
Ion Ratio Lower Upper
50 100
52 29.9 26.0 39.0



#4
Vinyl Chloride
Concen: 20.350 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.012 min
Lab File: VY013776.D
Acq: 17 May 2023 15:16

Tgt Ion: 62 Resp: 56277
Ion Ratio Lower Upper
62 100
64 31.7 25.8 38.6

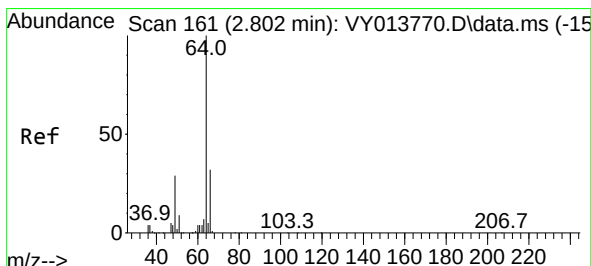
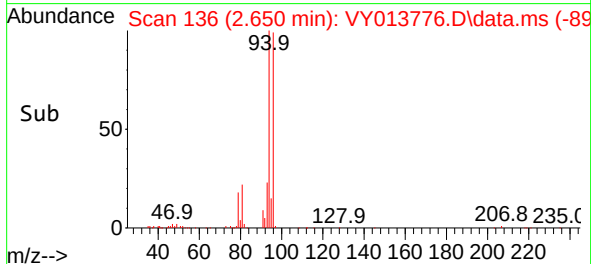
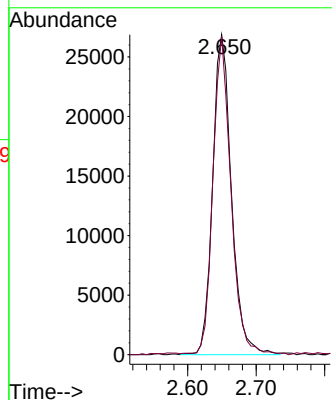
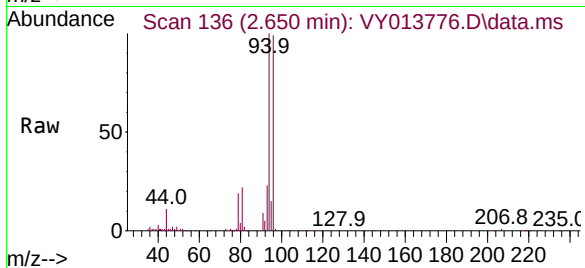




#5
Bromomethane
Concen: 20.929 ug/l
RT: 2.650 min Scan# 111
Delta R.T. -0.012 min
Lab File: VY013776.D
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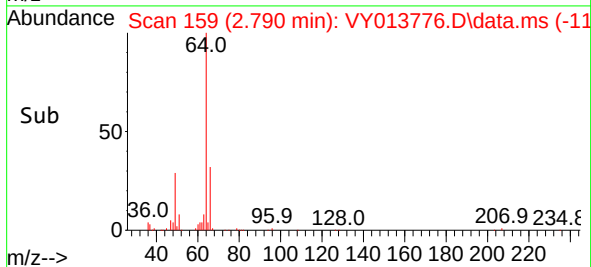
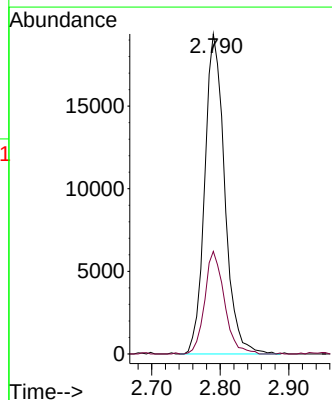
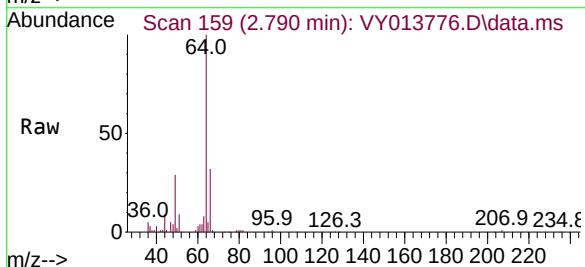
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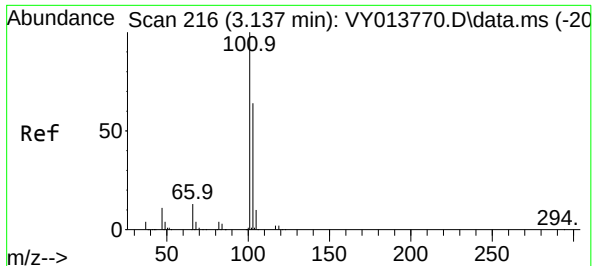
Tgt Ion: 94 Resp: 51324
Ion Ratio Lower Upper
94 100
96 99.1 74.2 111.4



#6
Chloroethane
Concen: 20.660 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.012 min
Lab File: VY013776.D
Acq: 17 May 2023 15:16

Tgt Ion: 64 Resp: 39272
Ion Ratio Lower Upper
64 100
66 32.1 25.8 38.6

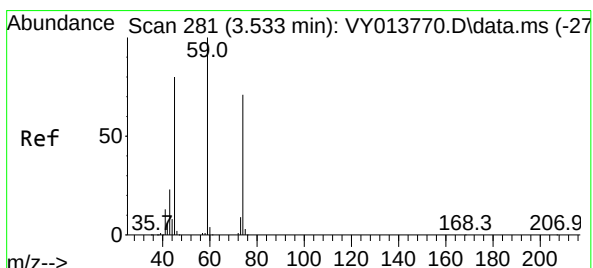
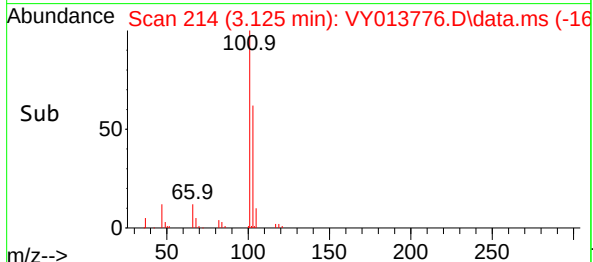
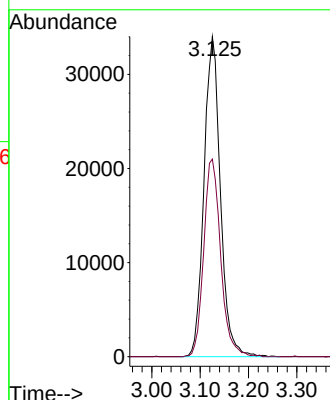
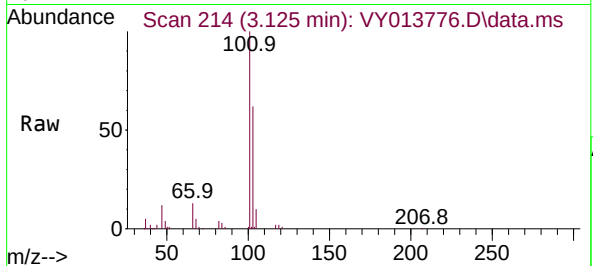




#7
 Trichlorofluoromethane
 Concen: 19.938 ug/l
 RT: 3.125 min Scan# 216
 Delta R.T. -0.012 min
 Lab File: VY013776.D
 Acq: 17 May 2023 15:16

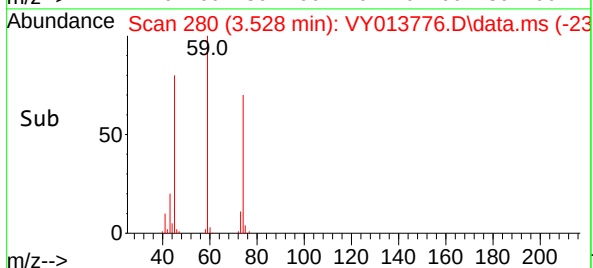
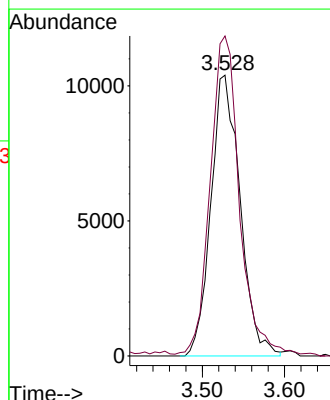
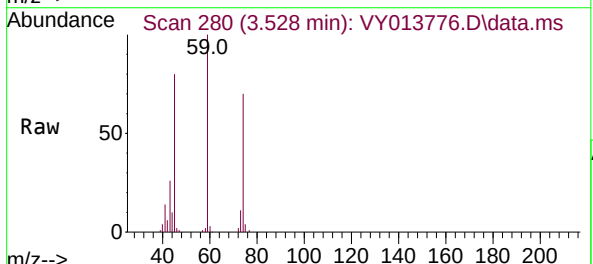
Instrument :
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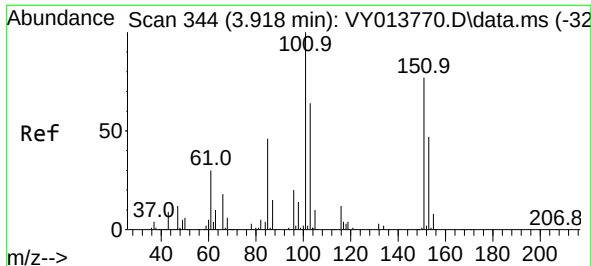
Tgt Ion:101 Resp: 80248
 Ion Ratio Lower Upper
 101 100
 103 61.8 51.4 77.0



#8
 Diethyl Ether
 Concen: 19.085 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 25704
 Ion Ratio Lower Upper
 74 100
 45 114.9 56.1 168.3

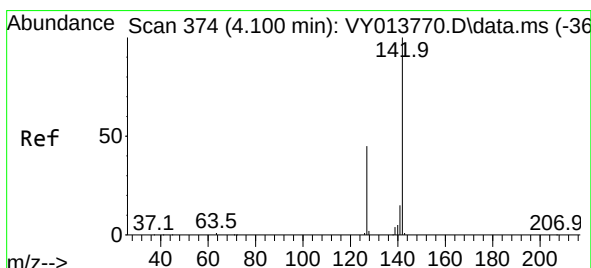
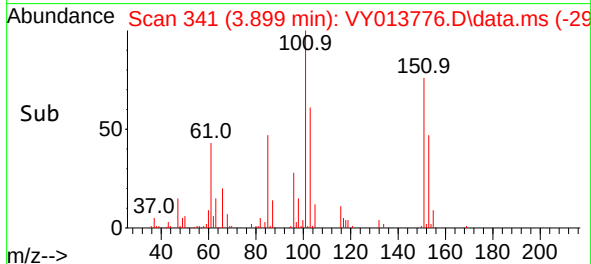
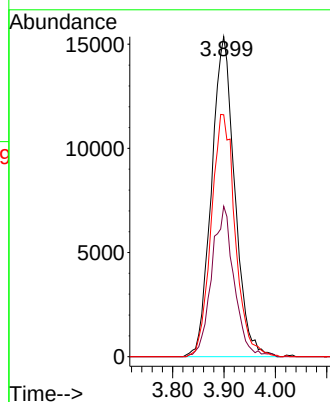
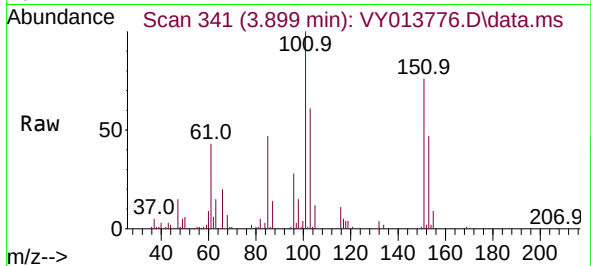




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.457 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.018 min
Lab File: VY013776.D
Acq: 17 May 2023 15:16

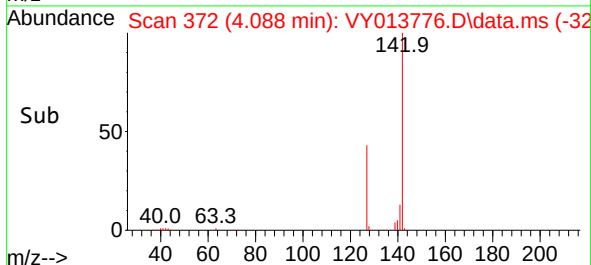
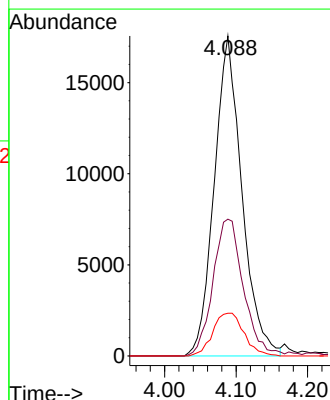
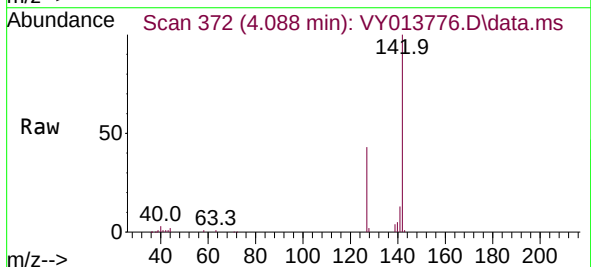
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBS01

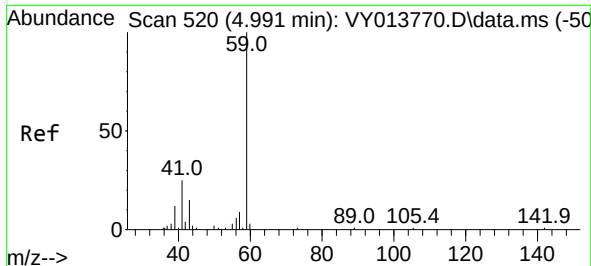
Tgt Ion:101 Resp: 48188
Ion Ratio Lower Upper
101 100
85 45.3 37.8 56.8
151 78.0 64.2 96.2



#10
Methyl Iodide
Concen: 18.249 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.012 min
Lab File: VY013776.D
Acq: 17 May 2023 15:16

Tgt Ion:142 Resp: 47228
Ion Ratio Lower Upper
142 100
127 46.8 35.4 53.2
141 15.1 11.5 17.3

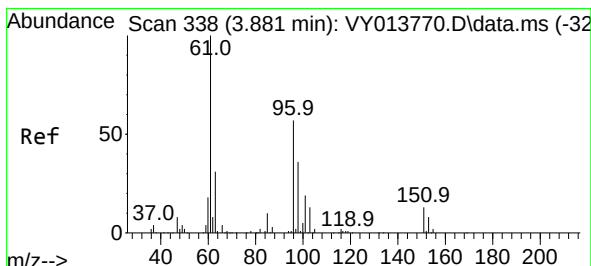
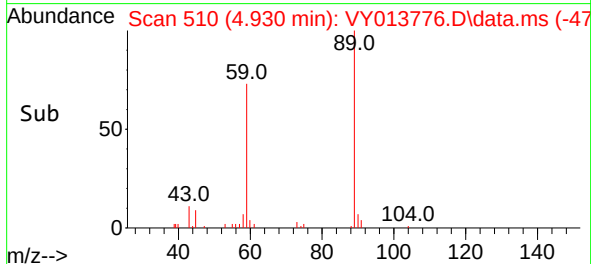
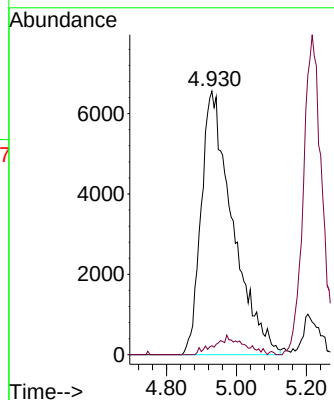
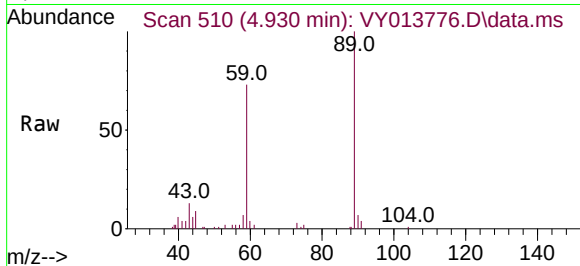




#11
Tert butyl alcohol
Concen: 170.733 ug/l
RT: 4.930 min Scan# 51
Delta R.T. -0.061 min
Lab File: VY013776.D
Acq: 17 May 2023 15:16

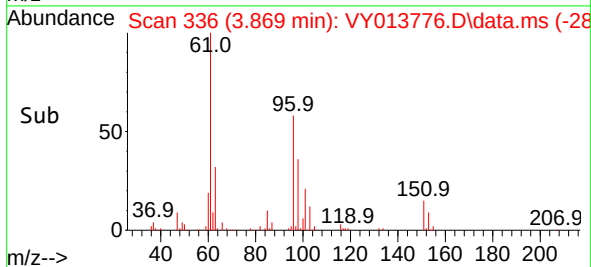
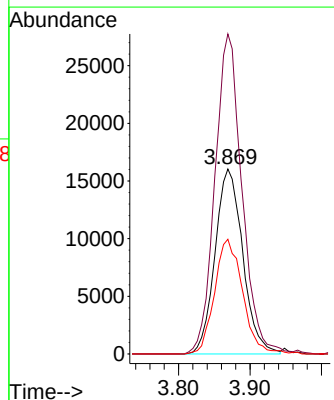
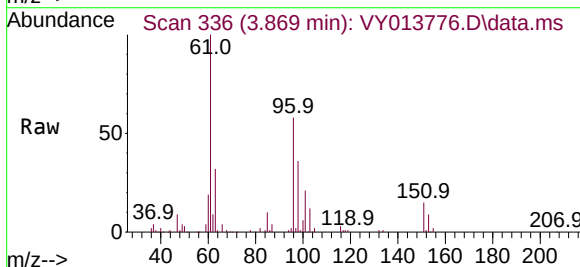
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBS01

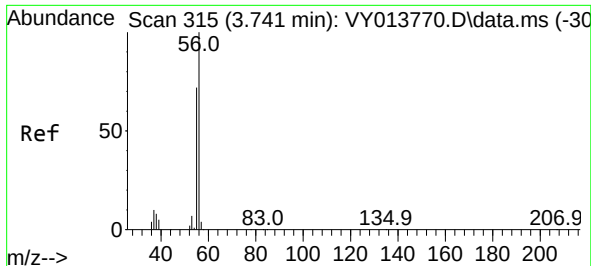
Tgt Ion: 59 Resp: 40880
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#12
1,1-Dichloroethene
Concen: 20.243 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.012 min
Lab File: VY013776.D
Acq: 17 May 2023 15:16

Tgt Ion: 96 Resp: 43222
Ion Ratio Lower Upper
96 100
61 173.0 139.8 209.6
98 62.1 49.7 74.5

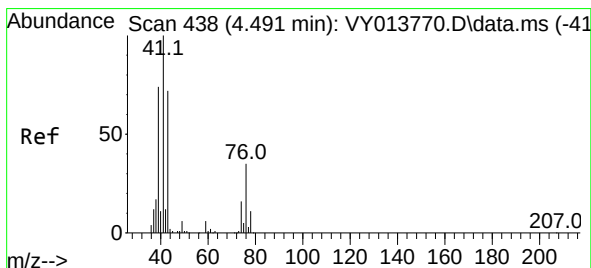
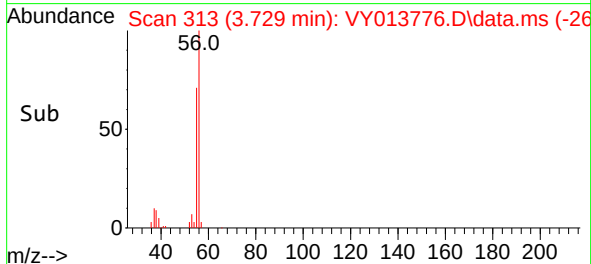
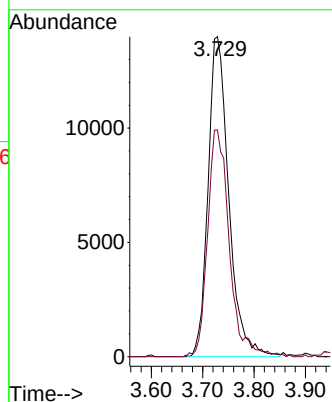
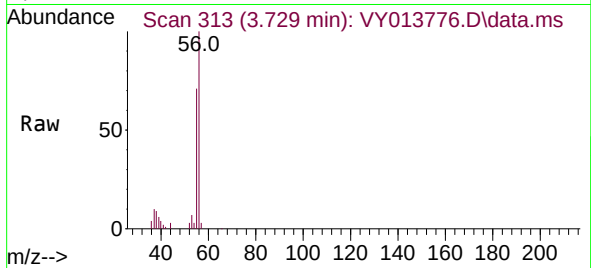




#13
Acrolein
Concen: 91.416 ug/l
RT: 3.729 min Scan# 315
Delta R.T. -0.012 min
Lab File: VY013776.D
Acq: 17 May 2023 15:16

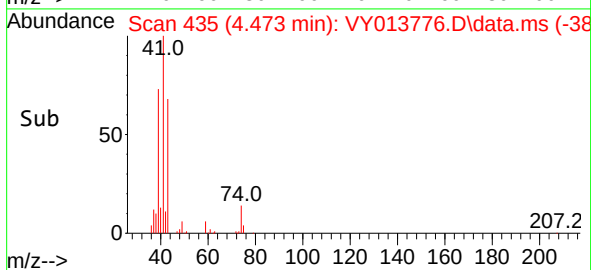
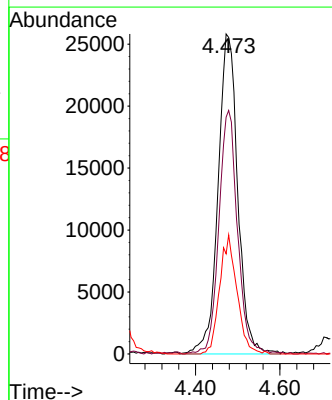
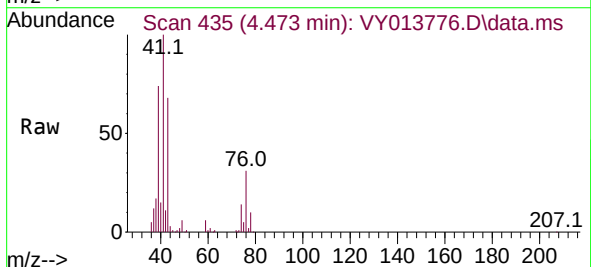
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBS01

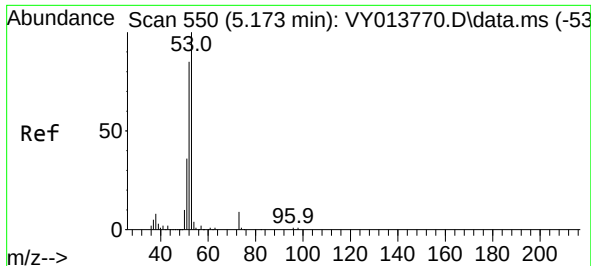
Tgt Ion: 56 Resp: 39103
Ion Ratio Lower Upper
56 100
55 74.3 57.5 86.3



#14
Allyl chloride
Concen: 19.867 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.018 min
Lab File: VY013776.D
Acq: 17 May 2023 15:16

Tgt Ion: 41 Resp: 83560
Ion Ratio Lower Upper
41 100
39 72.1 55.8 83.6
76 32.7 26.2 39.2

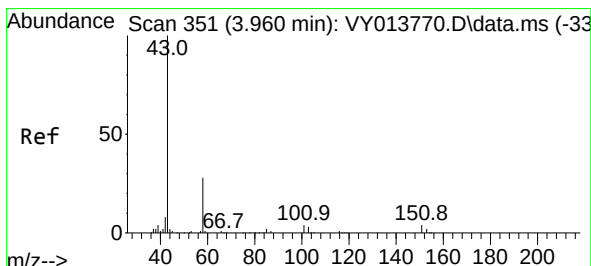
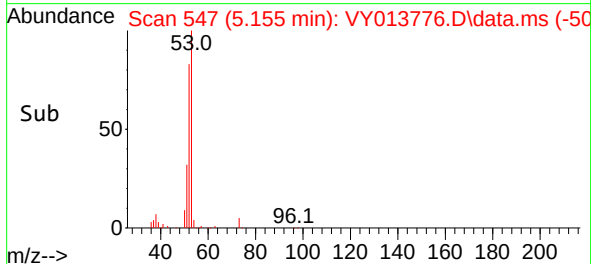
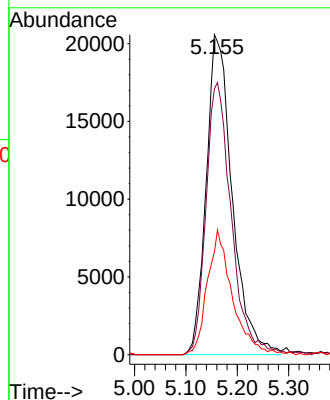
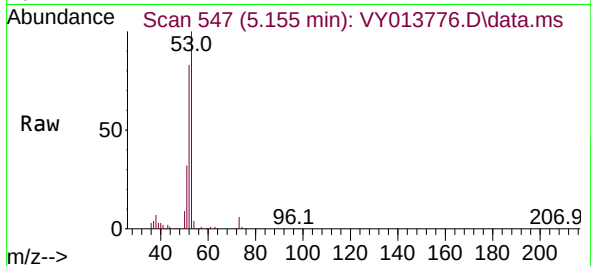




#15
Acrylonitrile
Concen: 91.660 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.018 min
Lab File: VY013776.D
Acq: 17 May 2023 15:16

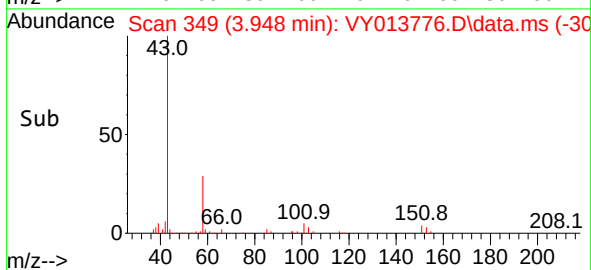
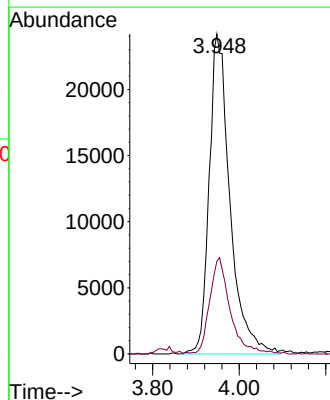
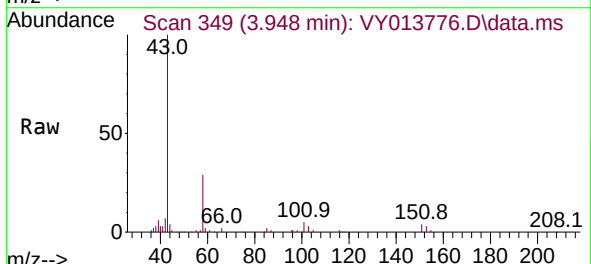
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBS01

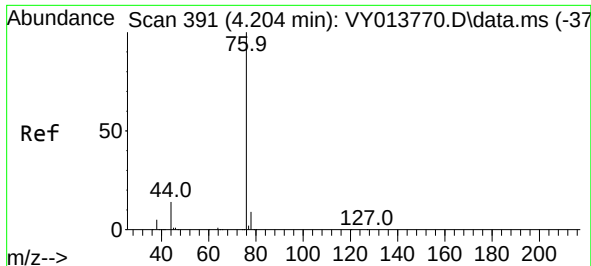
Tgt Ion: 53 Resp: 72394
Ion Ratio Lower Upper
53 100
52 82.5 66.5 99.7
51 37.4 30.1 45.1



#16
Acetone
Concen: 90.455 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY013776.D
Acq: 17 May 2023 15:16

Tgt Ion: 43 Resp: 80662
Ion Ratio Lower Upper
43 100
58 28.7 23.7 35.5

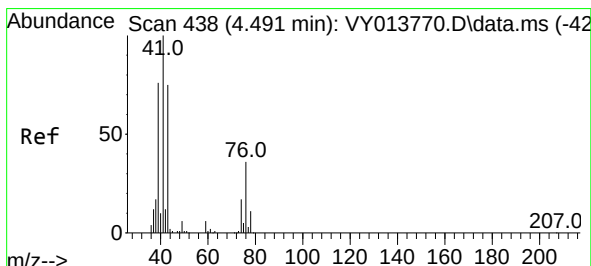
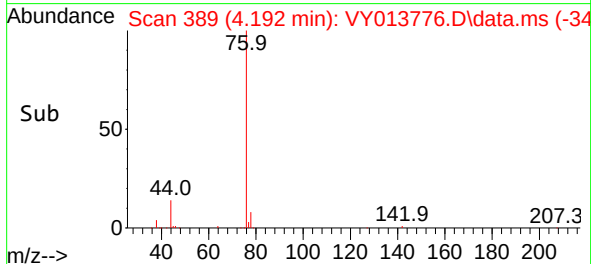
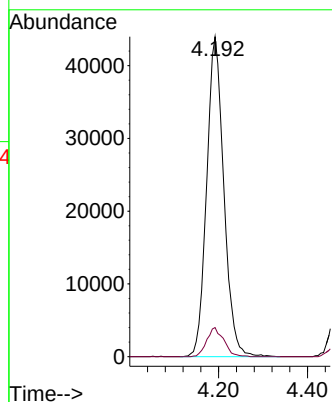
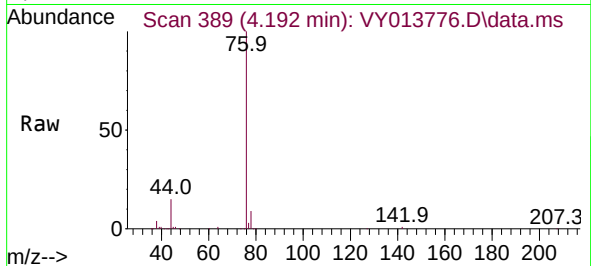




#17
Carbon Disulfide
Concen: 19.284 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY013776.D
Acq: 17 May 2023 15:16

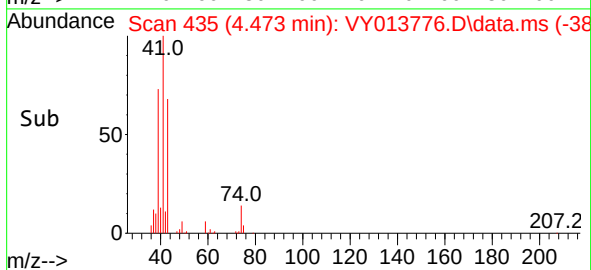
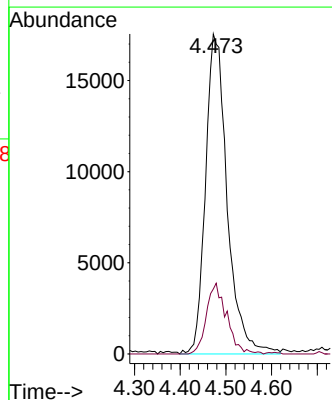
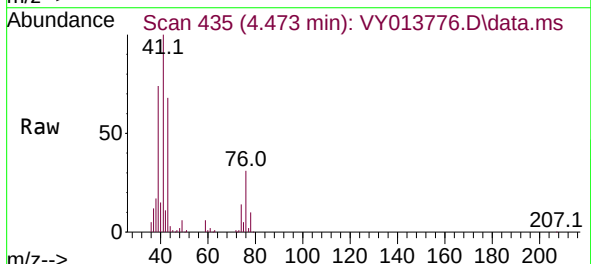
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBS01

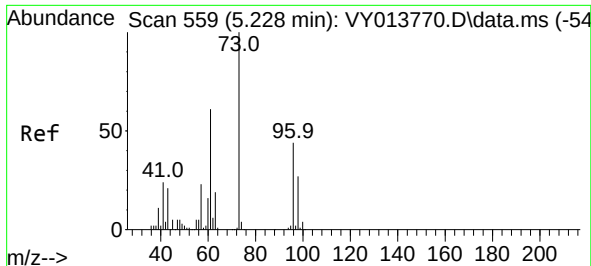
Tgt Ion: 76 Resp: 118315
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3



#18
Methyl Acetate
Concen: 18.624 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.018 min
Lab File: VY013776.D
Acq: 17 May 2023 15:16

Tgt Ion: 43 Resp: 57900
Ion Ratio Lower Upper
43 100
74 20.5 16.6 25.0





#19

Methyl tert-butyl Ether

Concen: 19.084 ug/l

RT: 5.216 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY013776.D

Acq: 17 May 2023 15:16

Instrument :

MSVOA_Y

ClientSampleId :

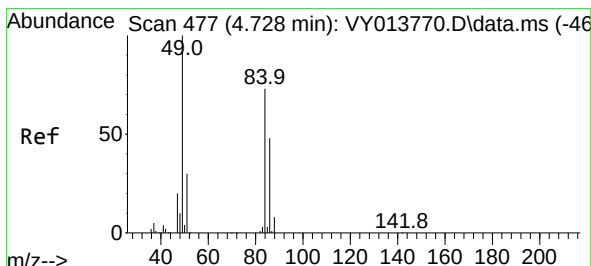
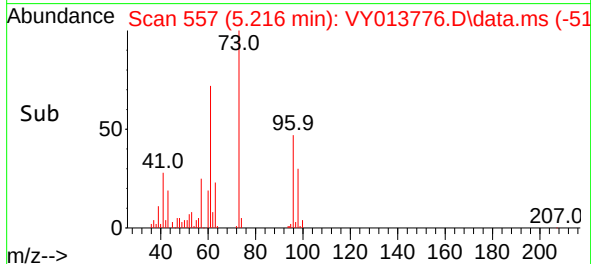
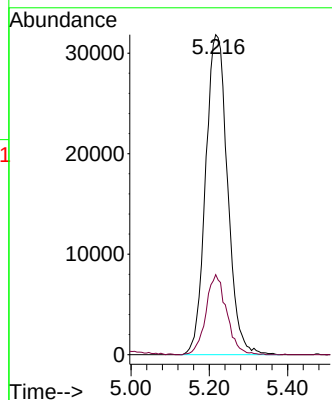
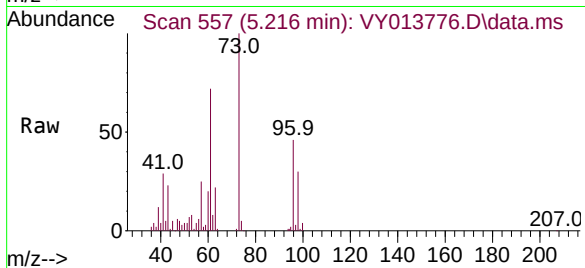
VY0517SBS01

Tgt Ion: 73 Resp: 123625

Ion Ratio Lower Upper

73 100

57 25.0 18.6 27.8



#20

Methylene Chloride

Concen: 23.886 ug/l

RT: 4.716 min Scan# 475

Delta R.T. -0.012 min

Lab File: VY013776.D

Acq: 17 May 2023 15:16

Tgt Ion: 84 Resp: 72831

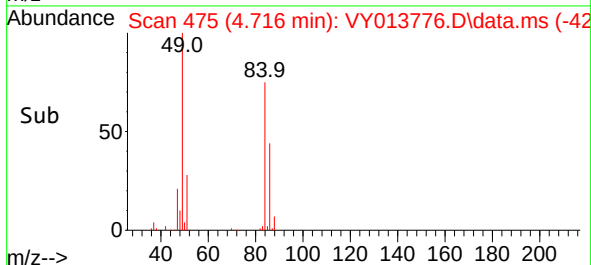
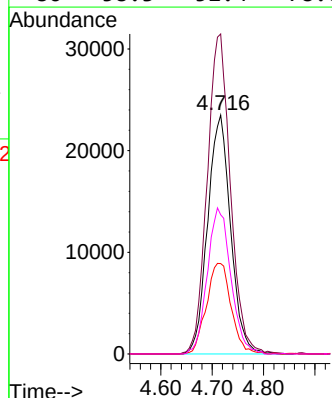
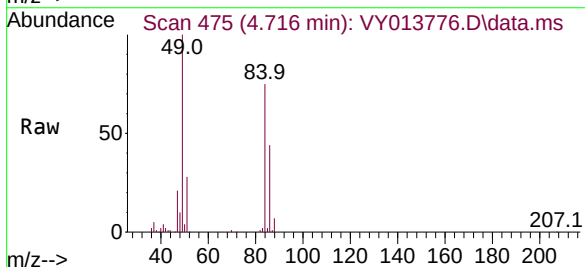
Ion Ratio Lower Upper

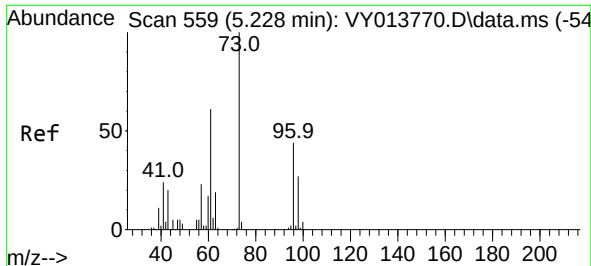
84 100

49 133.9 109.4 164.0

51 37.8 32.8 49.2

86 58.3 52.4 78.6

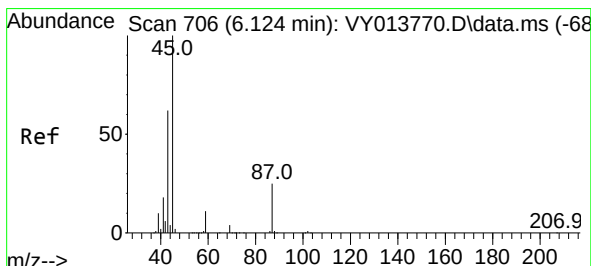
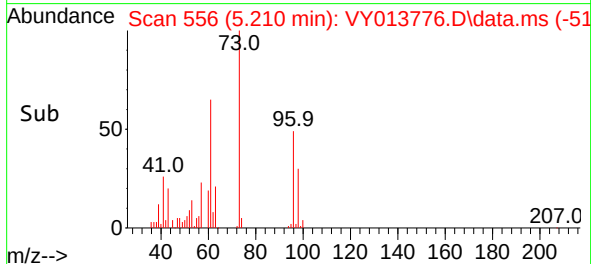
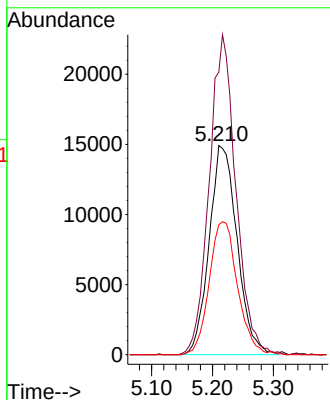
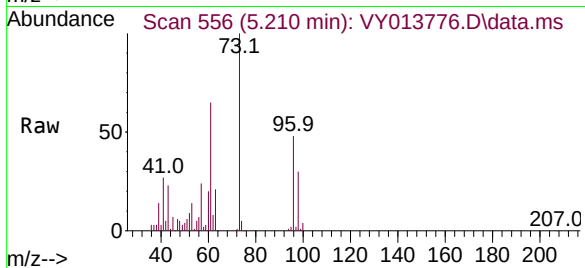




#21
trans-1,2-Dichloroethene
Concen: 19.789 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY013776.D
Acq: 17 May 2023 15:16

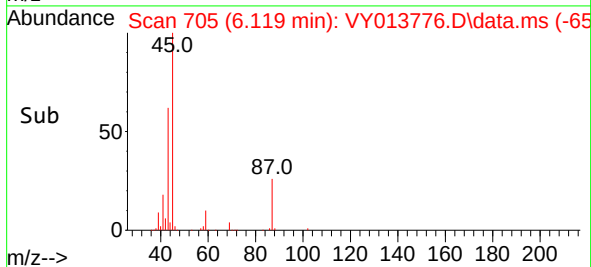
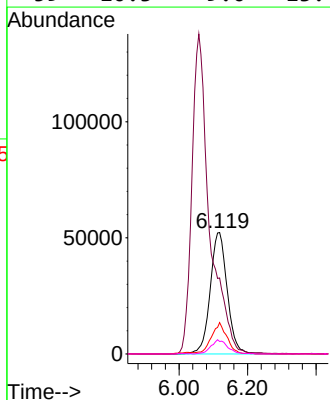
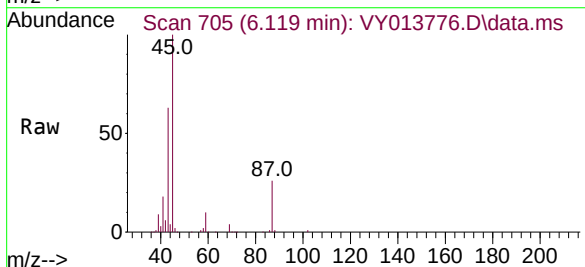
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBS01

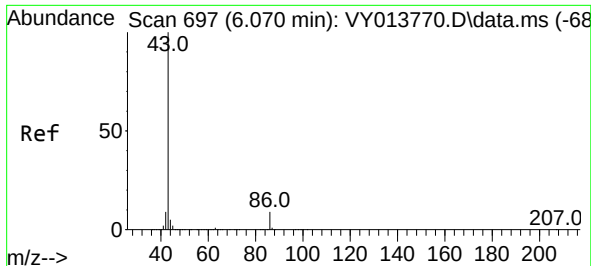
Tgt Ion: 96 Resp: 47576
Ion Ratio Lower Upper
96 100
61 135.2 110.8 166.2
98 62.1 48.6 72.8



#22
Diisopropyl ether
Concen: 20.154 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY013776.D
Acq: 17 May 2023 15:16

Tgt Ion: 45 Resp: 180308
Ion Ratio Lower Upper
45 100
43 62.2 49.7 74.5
87 25.8 19.9 29.9
59 10.3 9.0 13.4

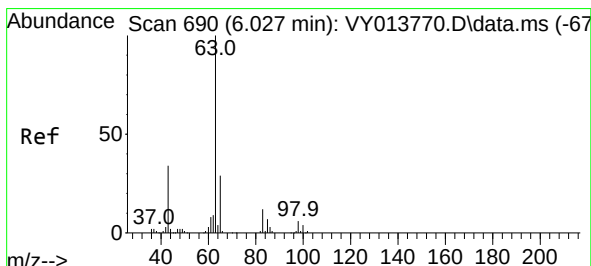
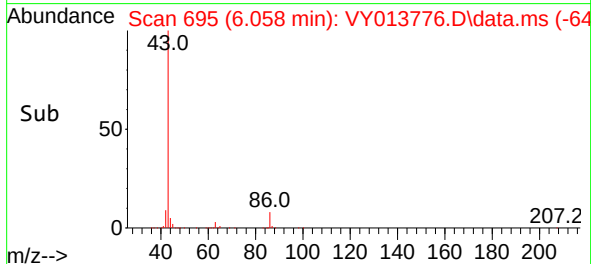
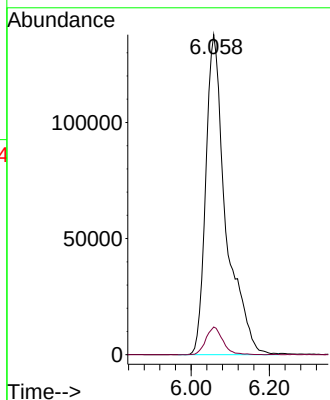
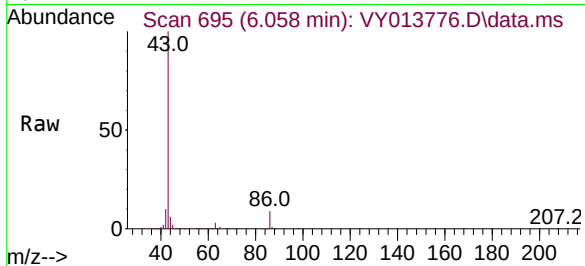




#23
Vinyl Acetate
Concen: 94.896 ug/l
RT: 6.058 min Scan# 61
Delta R.T. -0.012 min
Lab File: VY013776.D
Acq: 17 May 2023 15:16

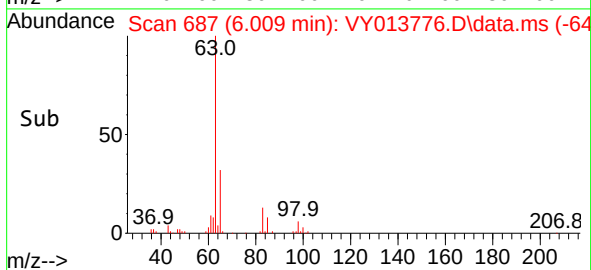
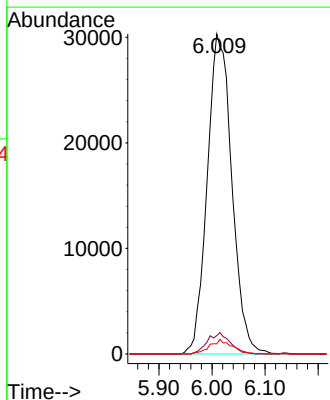
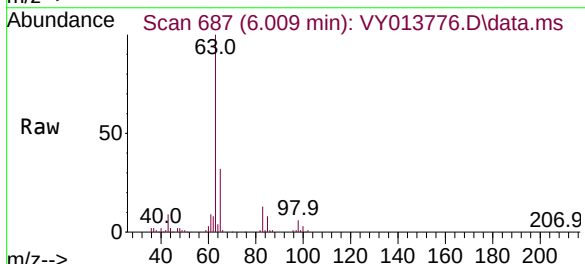
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBS01

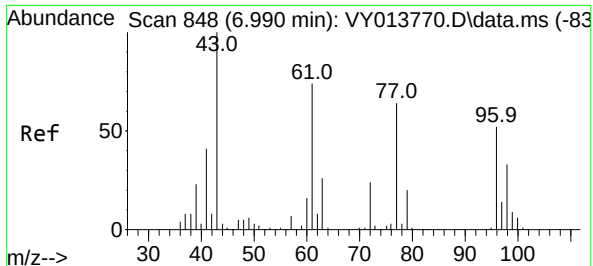
Tgt Ion: 43 Resp: 491290
Ion Ratio Lower Upper
43 100
86 8.7 7.0 10.4



#24
1,1-Dichloroethane
Concen: 19.990 ug/l
RT: 6.009 min Scan# 687
Delta R.T. -0.018 min
Lab File: VY013776.D
Acq: 17 May 2023 15:16

Tgt Ion: 63 Resp: 97769
Ion Ratio Lower Upper
63 100
98 5.8 3.0 9.0
100 3.2 2.0 6.0

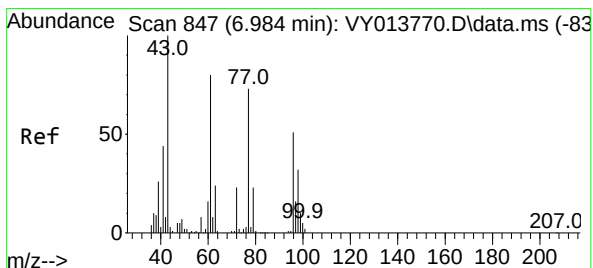
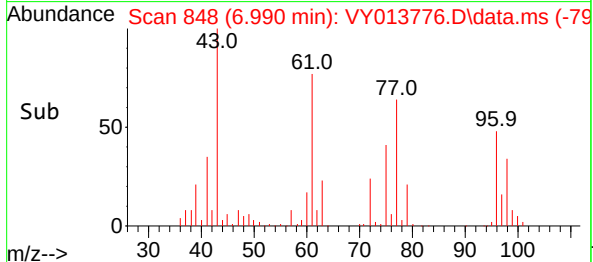
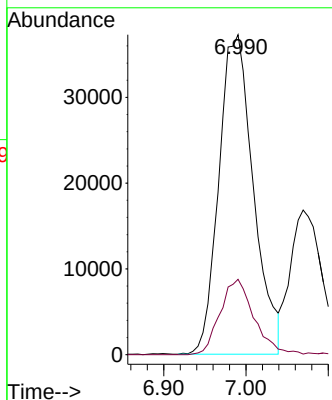
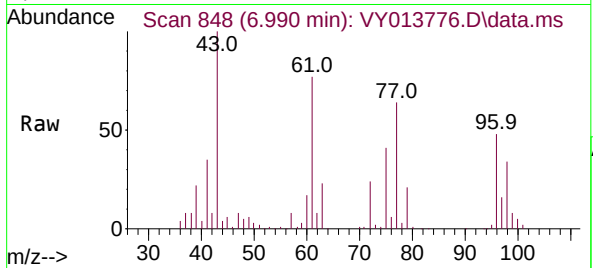




#25
2-Butanone
Concen: 93.824 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY013776.D
Acq: 17 May 2023 15:16

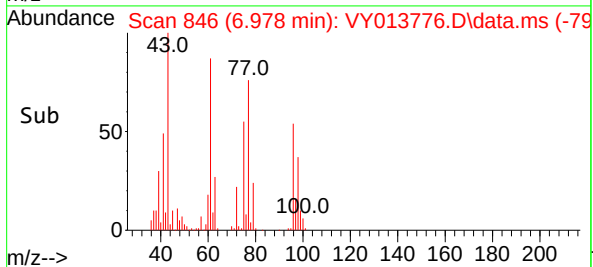
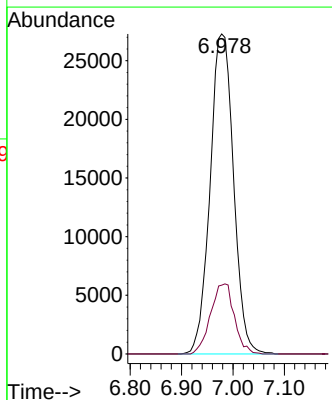
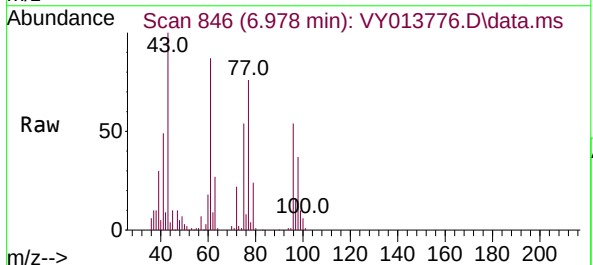
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBS01

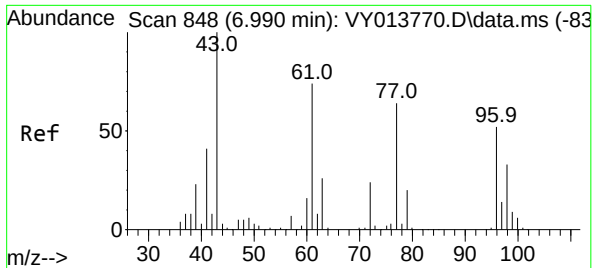
Tgt Ion: 43 Resp: 108762
Ion Ratio Lower Upper
43 100
72 23.6 19.0 28.6



#26
2,2-Dichloropropane
Concen: 20.691 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY013776.D
Acq: 17 May 2023 15:16

Tgt Ion: 77 Resp: 86439
Ion Ratio Lower Upper
77 100
97 22.1 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 19.587 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY013776.D

Acq: 17 May 2023 15:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0517SBS01

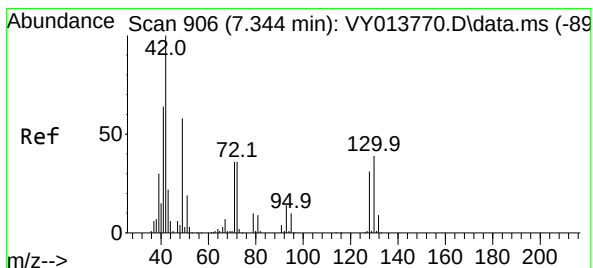
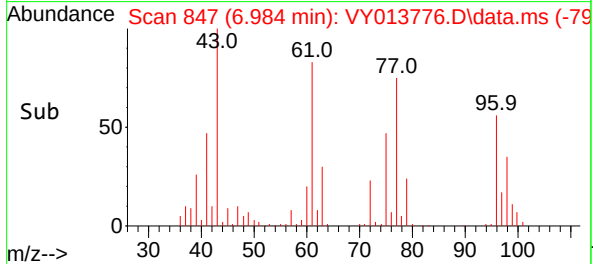
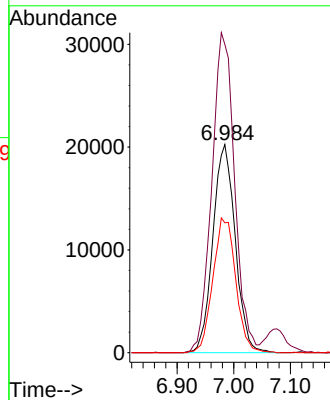
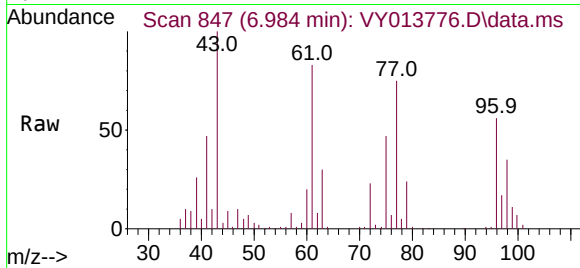
Tgt Ion: 96 Resp: 55488

Ion Ratio Lower Upper

96 100

61 156.6 0.0 300.6

98 66.1 0.0 127.8



#28

Bromochloromethane

Concen: 20.162 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.012 min

Lab File: VY013776.D

Acq: 17 May 2023 15:16

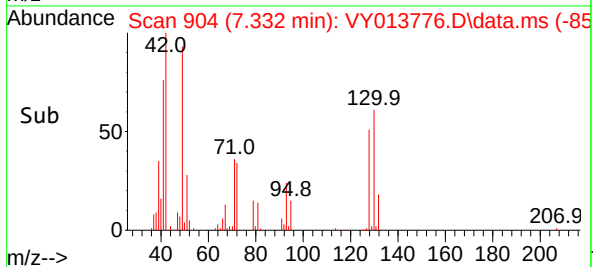
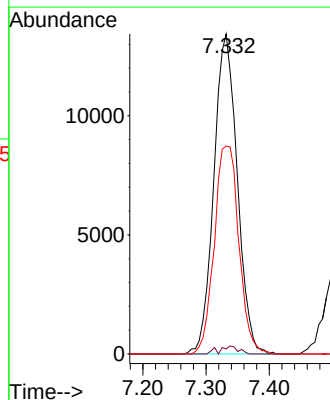
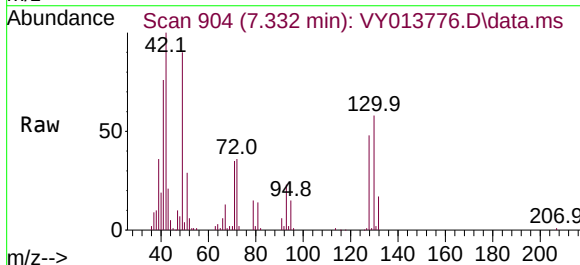
Tgt Ion: 49 Resp: 34502

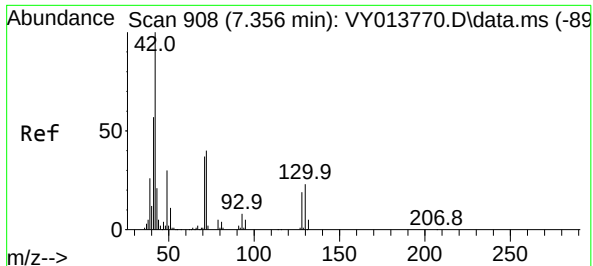
Ion Ratio Lower Upper

49 100

129 1.6 0.0 4.2

130 68.1 54.4 81.6

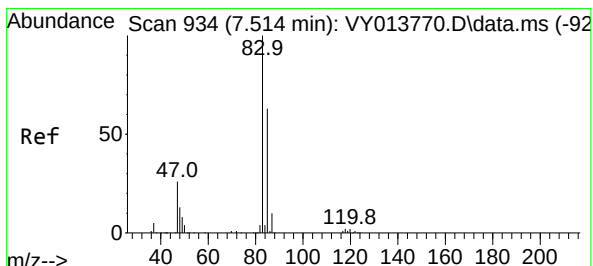
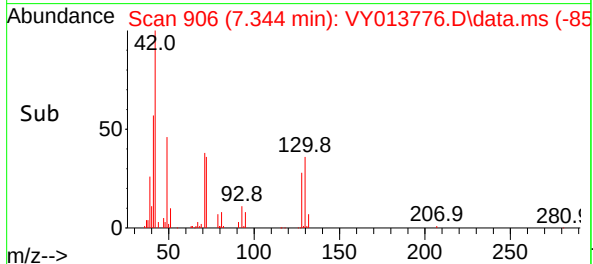
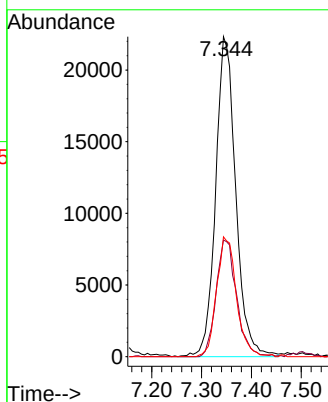
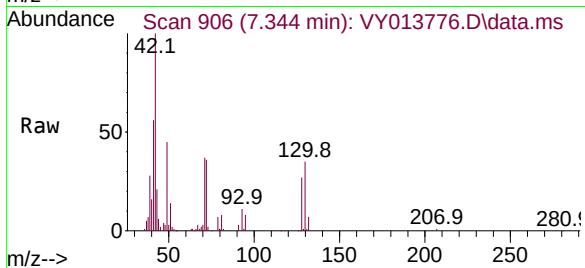




#29
Tetrahydrofuran
Concen: 90.123 ug/l
RT: 7.344 min Scan# 908
Delta R.T. -0.012 min
Lab File: VY013776.D
Acq: 17 May 2023 15:16

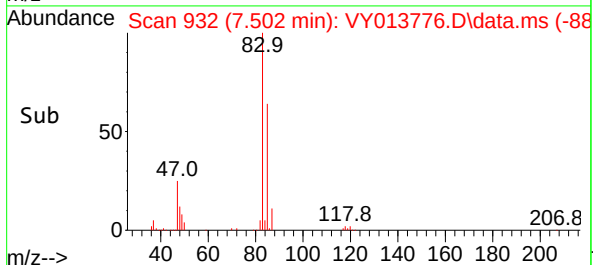
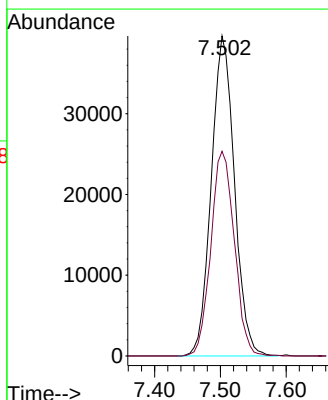
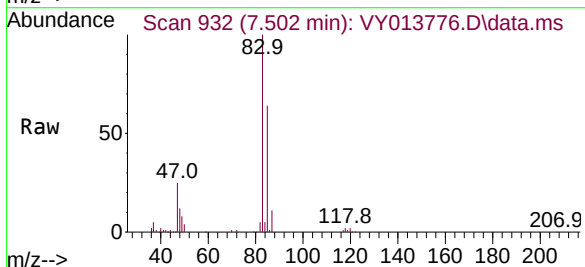
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBS01

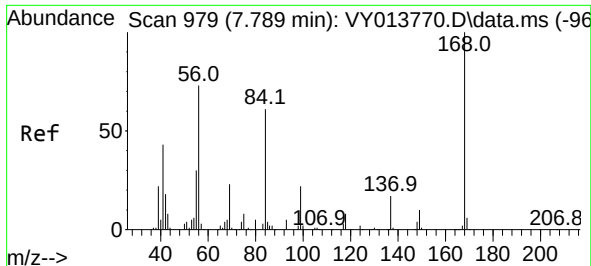
Tgt Ion: 42 Resp: 62510
Ion Ratio Lower Upper
42 100
72 37.0 30.7 46.1
71 36.8 29.0 43.6



#30
Chloroform
Concen: 19.710 ug/l
RT: 7.502 min Scan# 932
Delta R.T. -0.012 min
Lab File: VY013776.D
Acq: 17 May 2023 15:16

Tgt Ion: 83 Resp: 97139
Ion Ratio Lower Upper
83 100
85 63.9 50.5 75.7

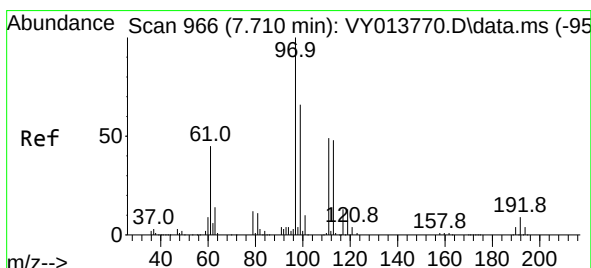
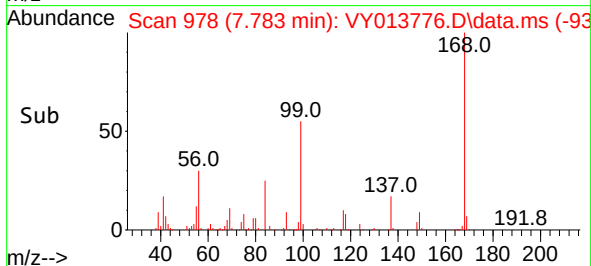
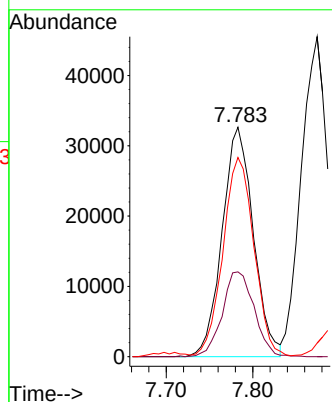
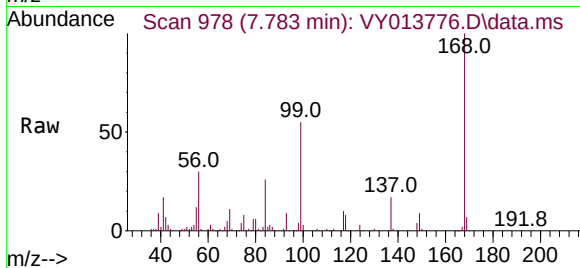




#31
Cyclohexane
Concen: 19.270 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013776.D
Acq: 17 May 2023 15:16

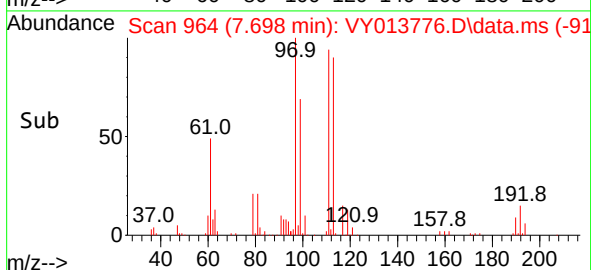
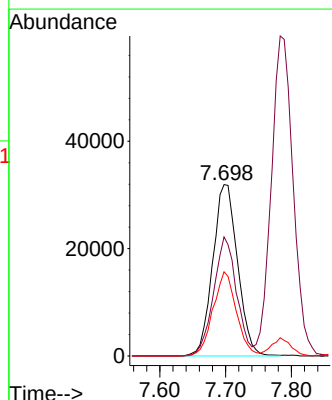
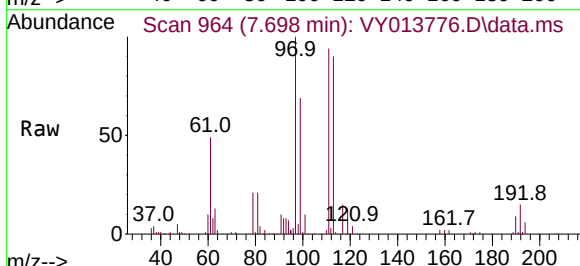
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBS01

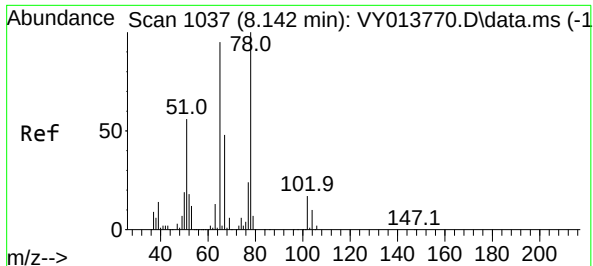
Tgt Ion: 56 Resp: 81662
Ion Ratio Lower Upper
56 100
69 36.6 25.8 38.6
84 85.6 65.8 98.6



#32
1,1,1-Trichloroethane
Concen: 19.928 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.012 min
Lab File: VY013776.D
Acq: 17 May 2023 15:16

Tgt Ion: 97 Resp: 83837
Ion Ratio Lower Upper
97 100
99 64.4 51.7 77.5
61 46.1 36.6 54.8





#33

1,2-Dichloroethane-d4

Concen: 47.730 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013776.D

Acq: 17 May 2023 15:16

Instrument :

MSVOA_Y

ClientSampleId :

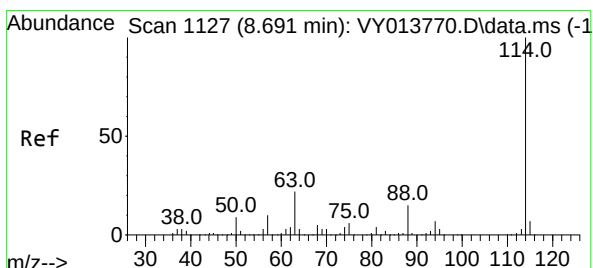
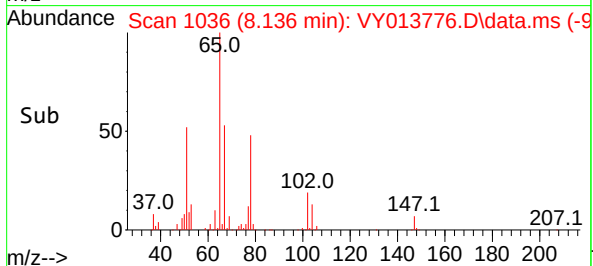
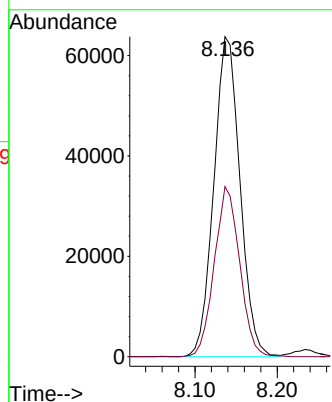
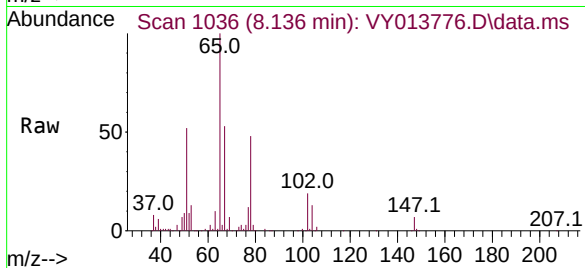
VY0517SBS01

Tgt Ion: 65 Resp: 141074

Ion Ratio Lower Upper

65 100

67 51.5 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013776.D

Acq: 17 May 2023 15:16

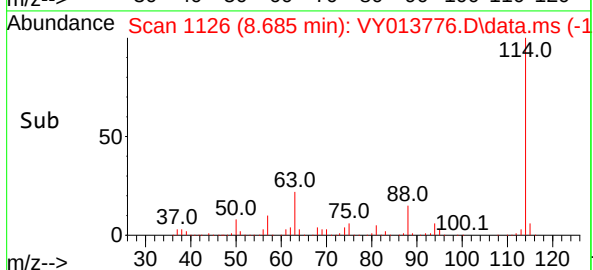
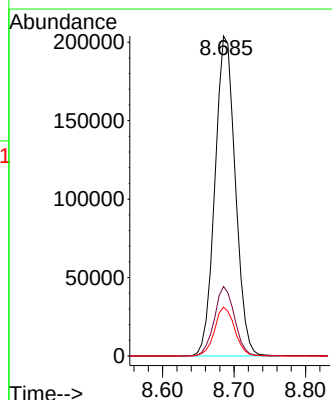
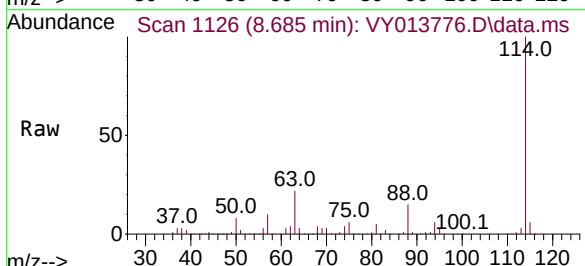
Tgt Ion: 114 Resp: 403114

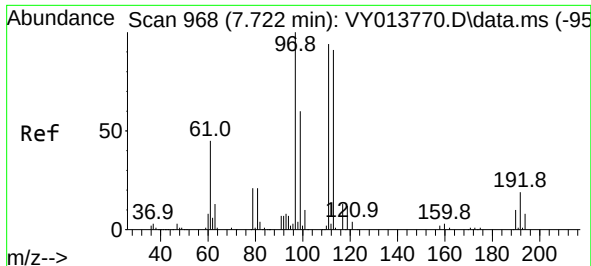
Ion Ratio Lower Upper

114 100

63 21.7 0.0 43.8

88 15.2 0.0 30.8

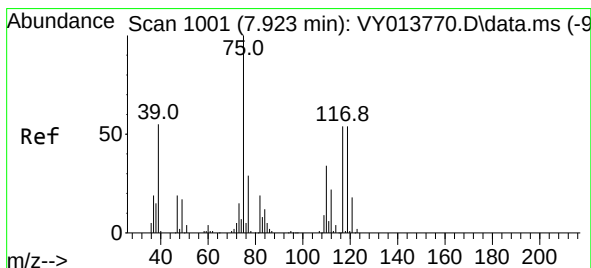
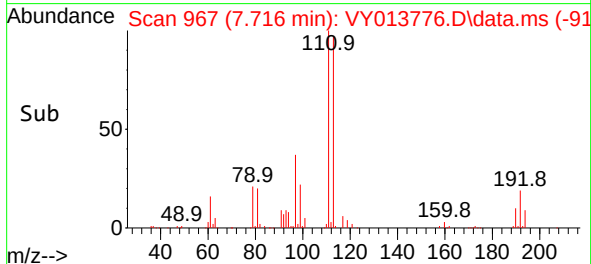
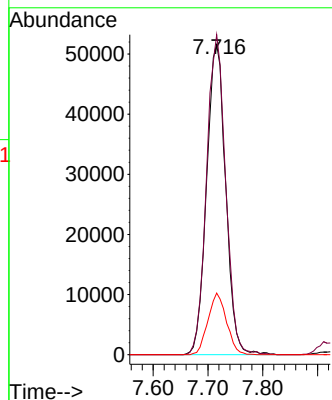
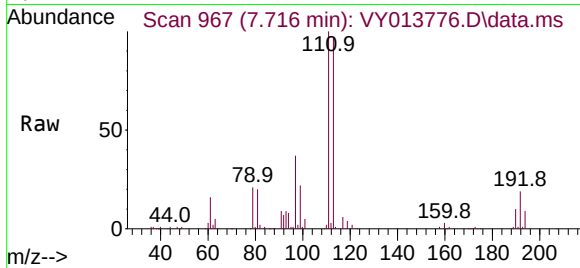




#35
Dibromofluoromethane
Concen: 48.137 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013776.D
Acq: 17 May 2023 15:16

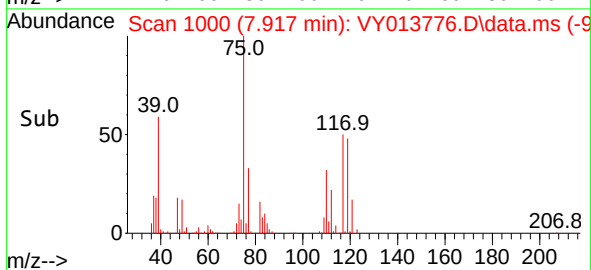
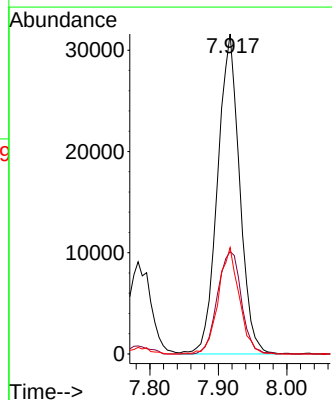
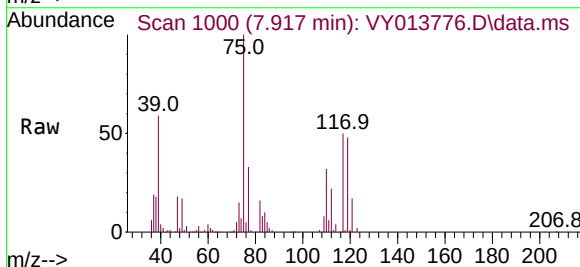
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBS01

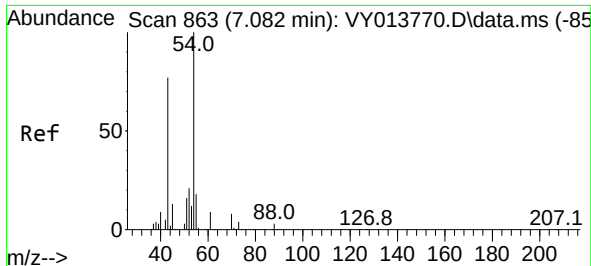
Tgt Ion:113 Resp: 124435
Ion Ratio Lower Upper
113 100
111 103.3 82.3 123.5
192 19.3 16.0 24.0



#36
1,1-Dichloropropene
Concen: 19.733 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY013776.D
Acq: 17 May 2023 15:16

Tgt Ion: 75 Resp: 70478
Ion Ratio Lower Upper
75 100
110 34.6 17.3 51.7
77 31.7 24.6 36.8





#37

Ethyl Acetate

Concen: 19.114 ug/l

RT: 7.070 min Scan# 80

Delta R.T. -0.012 min

Lab File: VY013776.D

Acq: 17 May 2023 15:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0517SBS01

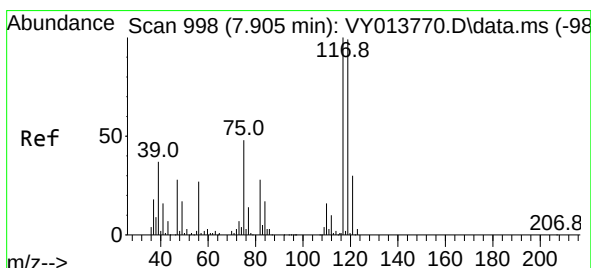
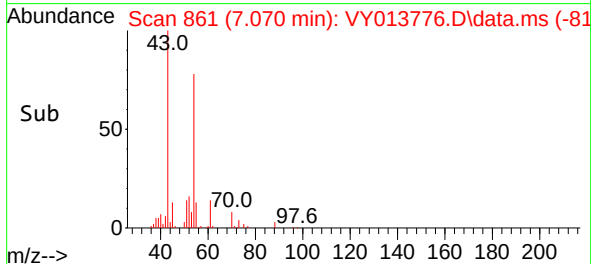
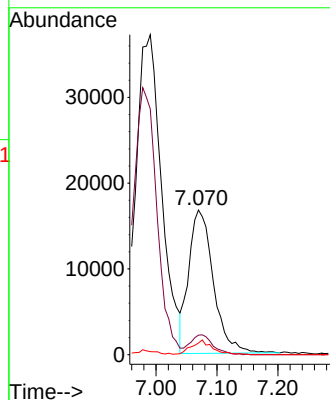
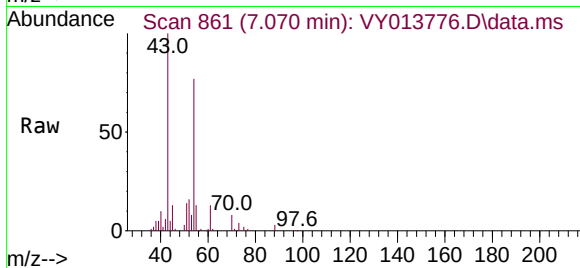
Tgt Ion: 43 Resp: 46961

Ion Ratio Lower Upper

43 100

61 12.5 10.7 16.1

70 8.7 7.0 10.6



#38

Carbon Tetrachloride

Concen: 19.845 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.006 min

Lab File: VY013776.D

Acq: 17 May 2023 15:16

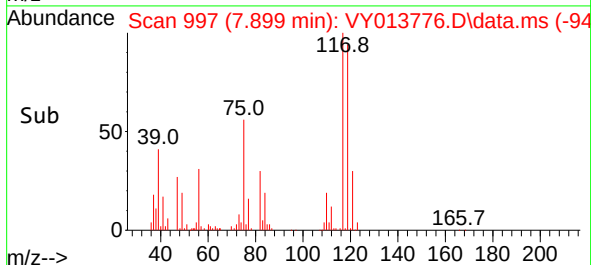
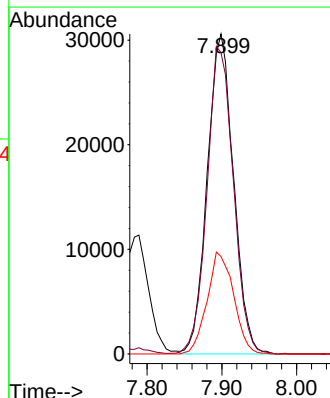
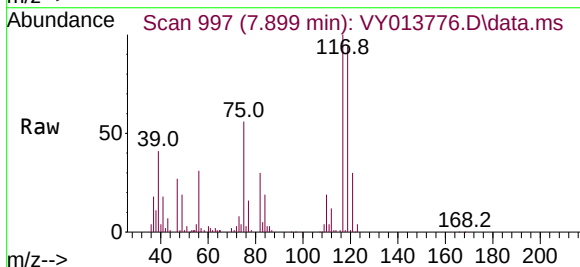
Tgt Ion: 117 Resp: 74776

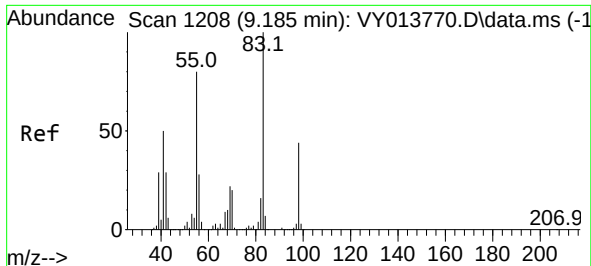
Ion Ratio Lower Upper

117 100

119 94.1 79.0 118.6

121 30.5 24.1 36.1





#39

Methylcyclohexane

Concen: 19.416 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013776.D

Acq: 17 May 2023 15:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0517SBS01

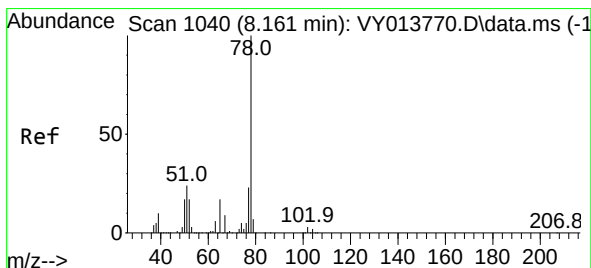
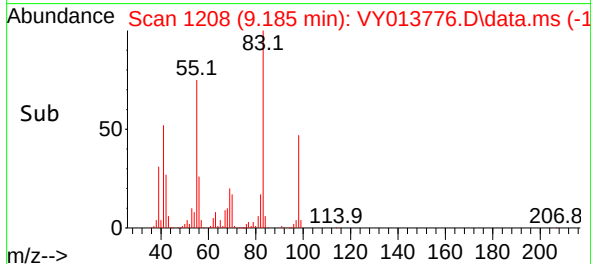
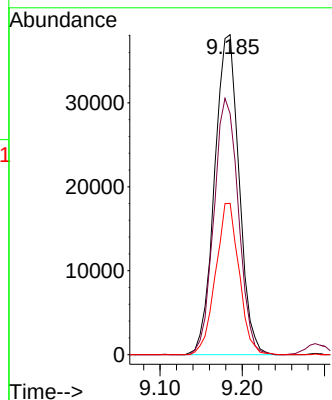
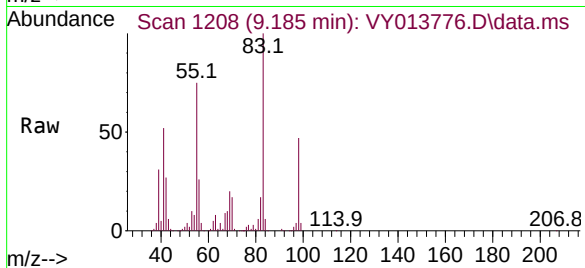
Tgt Ion: 83 Resp: 78821

Ion Ratio Lower Upper

83 100

55 75.3 63.7 95.5

98 47.3 35.0 52.6



#40

Benzene

Concen: 19.993 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY013776.D

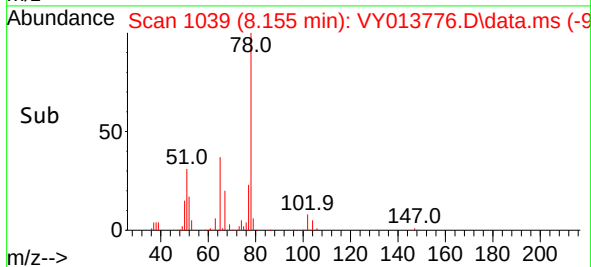
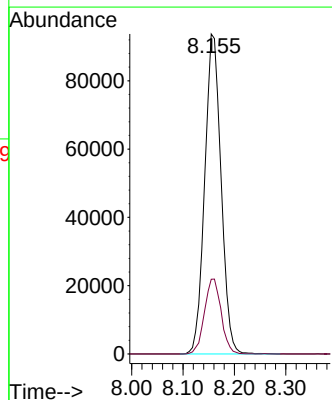
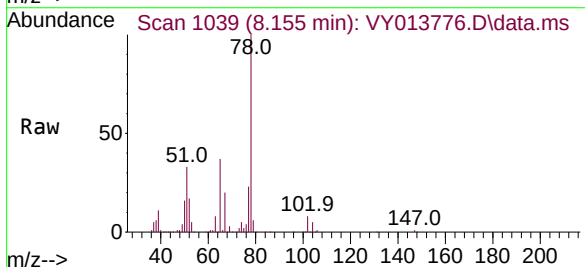
Acq: 17 May 2023 15:16

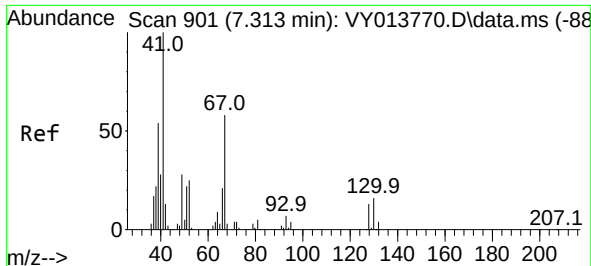
Tgt Ion: 78 Resp: 207509

Ion Ratio Lower Upper

78 100

77 23.4 18.6 27.8

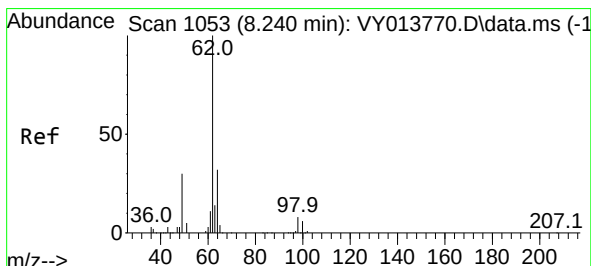
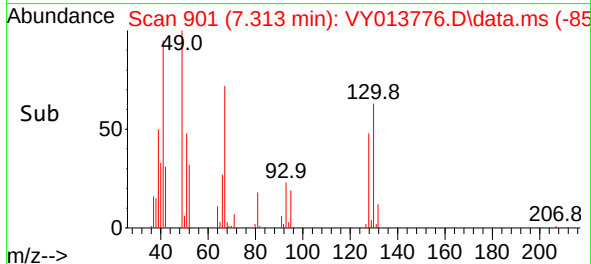
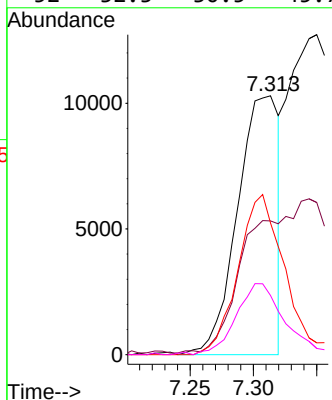
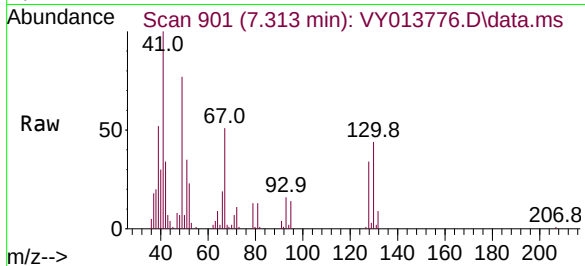




#41
Methacrylonitrile
Concen: 19.179 ug/l
RT: 7.313 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY013776.D
Acq: 17 May 2023 15:16

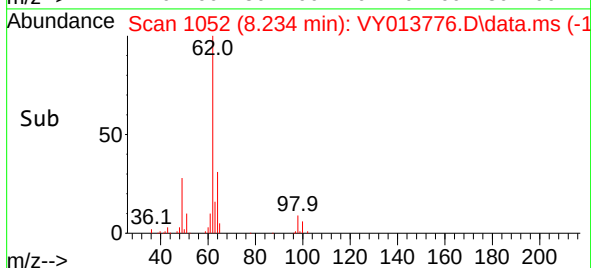
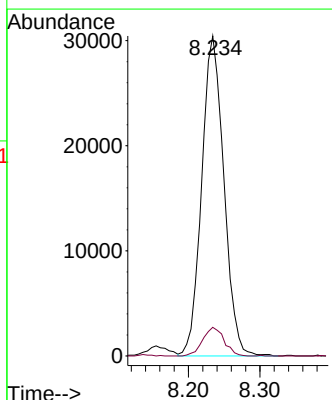
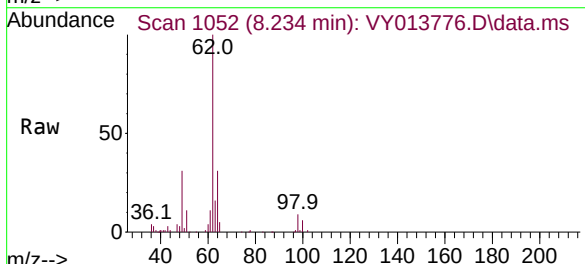
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBS01

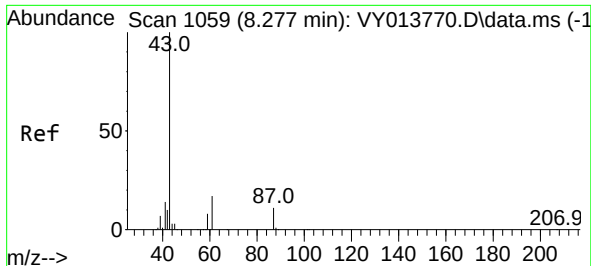
Tgt Ion: 41 Resp: 23415
Ion Ratio Lower Upper
41 100
39 0.0 59.5 89.3#
67 69.6 69.1 103.7
52 32.3 30.5 45.7



#42
1,2-Dichloroethane
Concen: 19.568 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY013776.D
Acq: 17 May 2023 15:16

Tgt Ion: 62 Resp: 65624
Ion Ratio Lower Upper
62 100
98 8.6 0.0 16.8

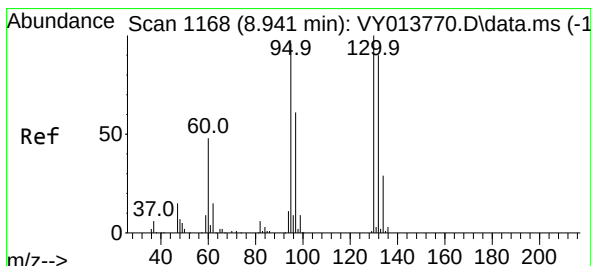
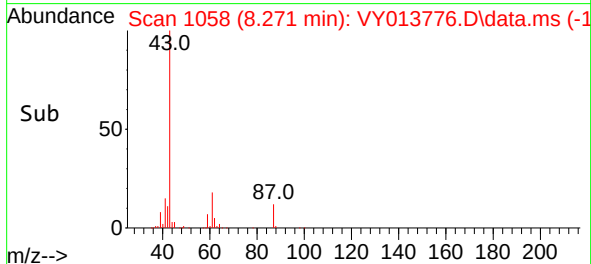
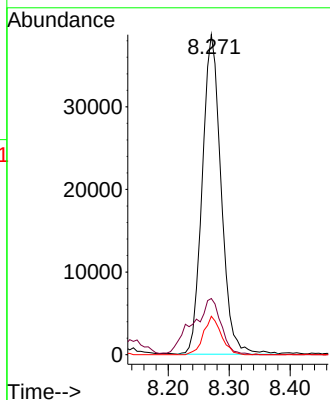
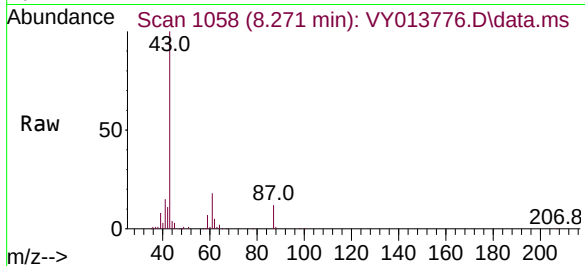




#43
Isopropyl Acetate
Concen: 18.655 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.006 min
Lab File: VY013776.D
Acq: 17 May 2023 15:16

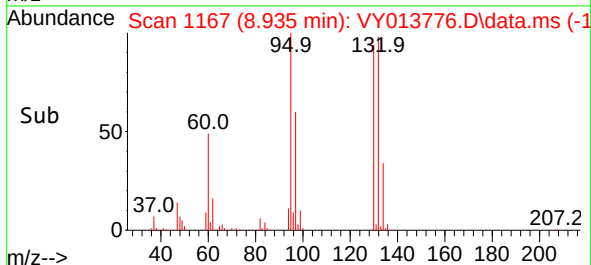
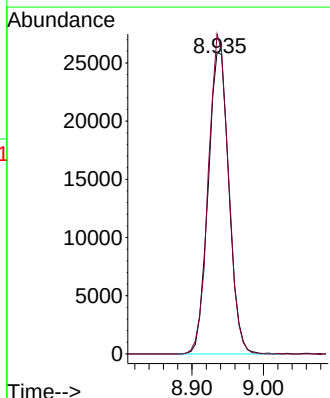
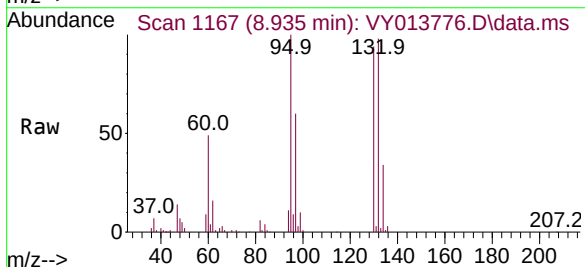
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBS01

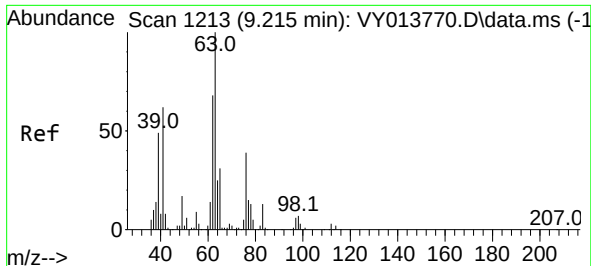
Tgt Ion: 43 Resp: 83189
Ion Ratio Lower Upper
43 100
61 26.8 20.6 31.0
87 11.2 9.0 13.6



#44
Trichloroethene
Concen: 19.326 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY013776.D
Acq: 17 May 2023 15:16

Tgt Ion: 130 Resp: 52436
Ion Ratio Lower Upper
130 100
95 106.0 0.0 193.0





#45

1,2-Dichloropropane

Concen: 19.677 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY013776.D

Acq: 17 May 2023 15:16

Instrument :

MSVOA_Y

ClientSampleId :

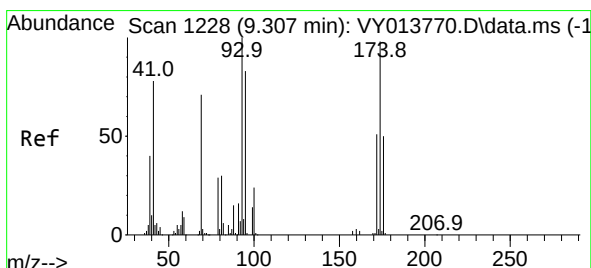
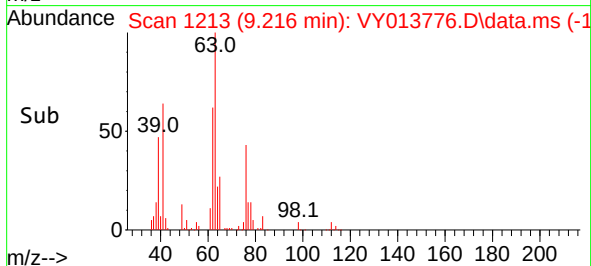
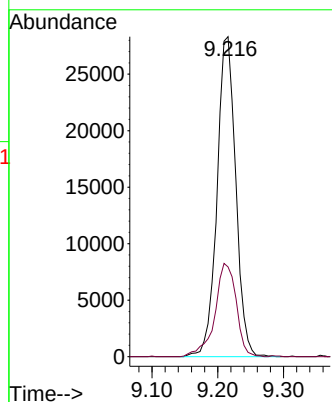
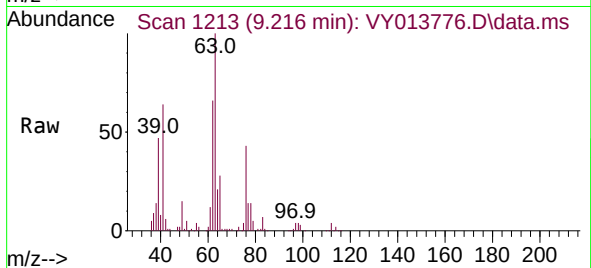
VY0517SBS01

Tgt Ion: 63 Resp: 56122

Ion Ratio Lower Upper

63 100

65 28.1 24.9 37.3



#46

Dibromomethane

Concen: 19.015 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY013776.D

Acq: 17 May 2023 15:16

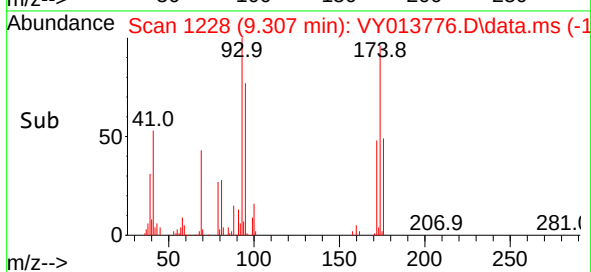
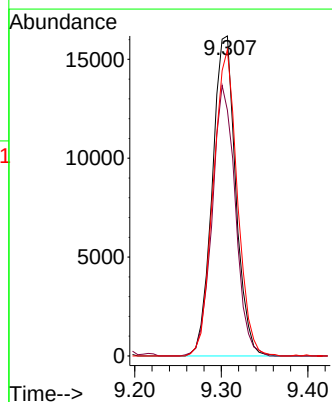
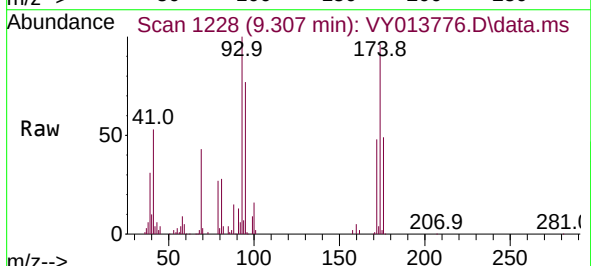
Tgt Ion: 93 Resp: 30374

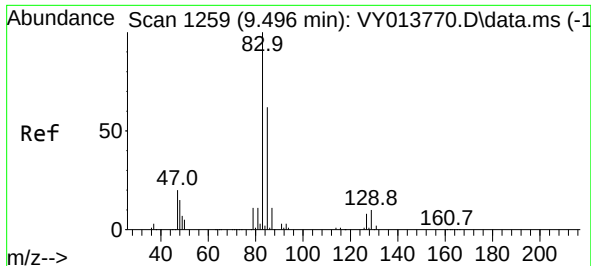
Ion Ratio Lower Upper

93 100

95 83.5 65.8 98.6

174 98.2 79.5 119.3

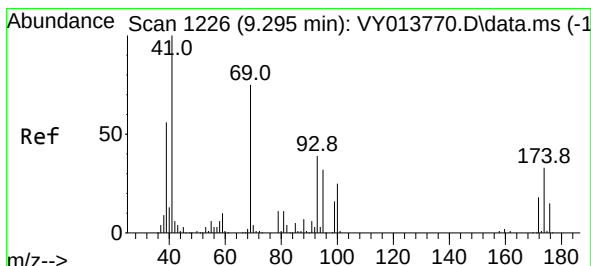
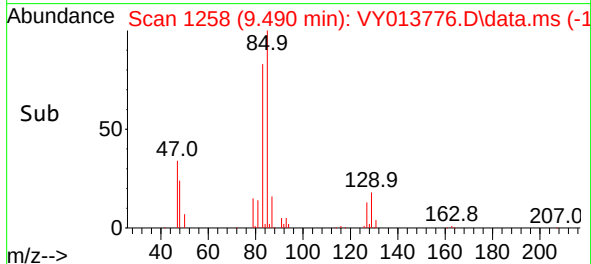
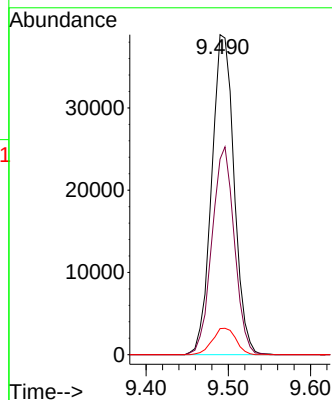
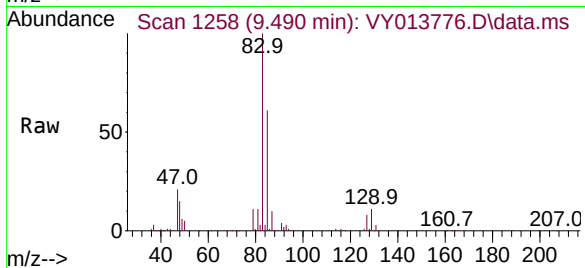




#47
Bromodichloromethane
Concen: 19.452 ug/l
RT: 9.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013776.D
Acq: 17 May 2023 15:16

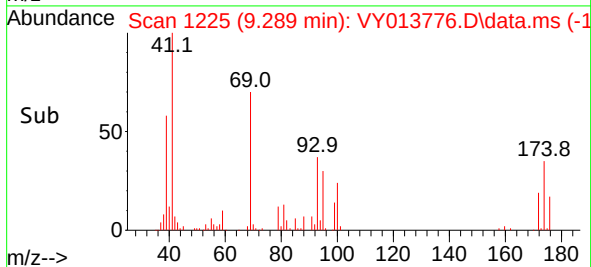
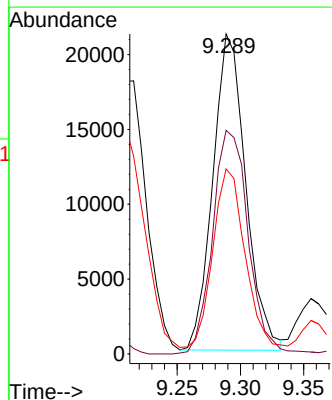
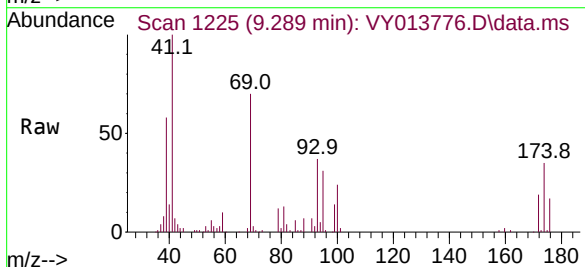
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBS01

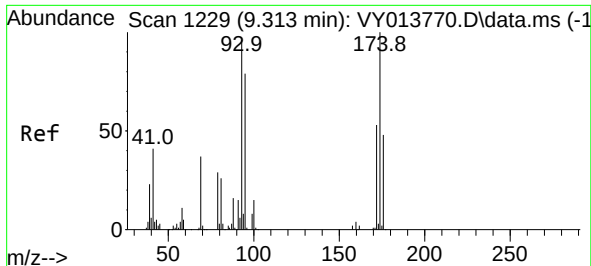
Tgt Ion: 83 Resp: 73583
Ion Ratio Lower Upper
83 100
85 61.1 49.6 74.4
127 8.1 6.3 9.5



#48
Methyl methacrylate
Concen: 18.623 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY013776.D
Acq: 17 May 2023 15:16

Tgt Ion: 41 Resp: 38148
Ion Ratio Lower Upper
41 100
69 76.7 63.0 94.6
39 59.6 46.2 69.2





#49

1,4-Dioxane

Concen: 379.093 ug/l

RT: 9.307 min Scan# 1229

Delta R.T. -0.006 min

Lab File: VY013776.D

Acq: 17 May 2023 15:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0517SBS01

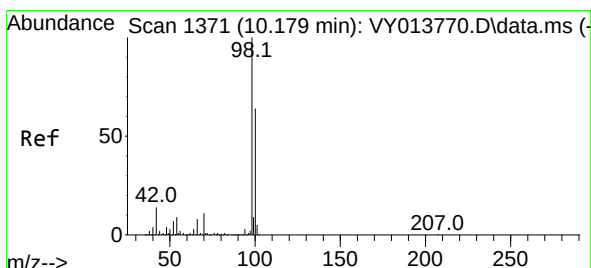
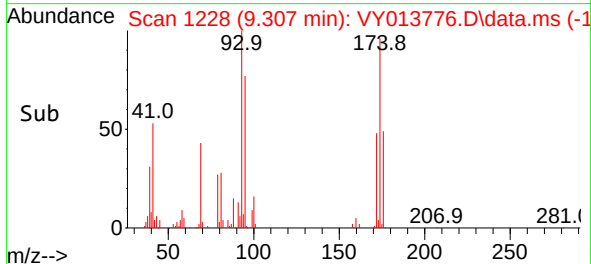
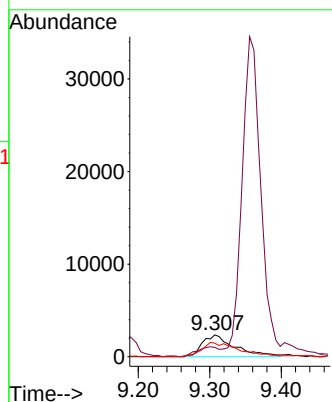
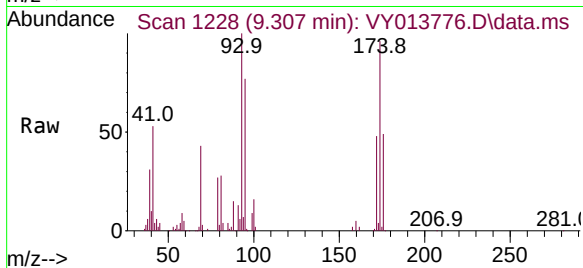
Tgt Ion: 88 Resp: 7432

Ion Ratio Lower Upper

88 100

43 29.9 26.1 39.1

58 75.8 62.2 93.2



#50

Toluene-d8

Concen: 49.429 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY013776.D

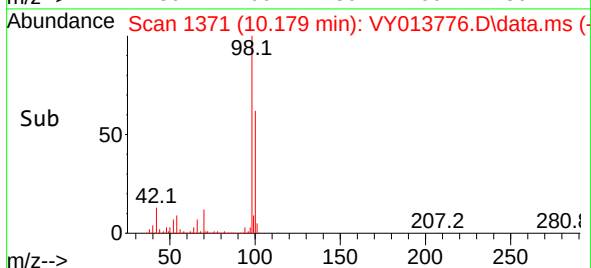
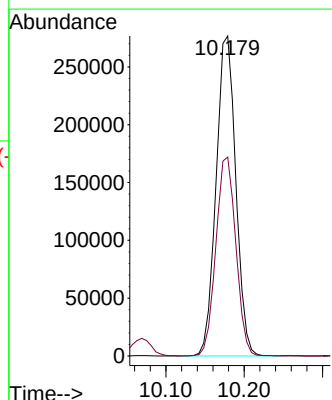
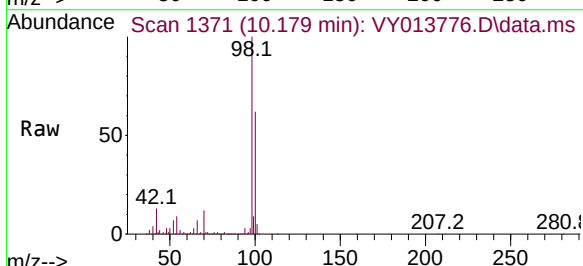
Acq: 17 May 2023 15:16

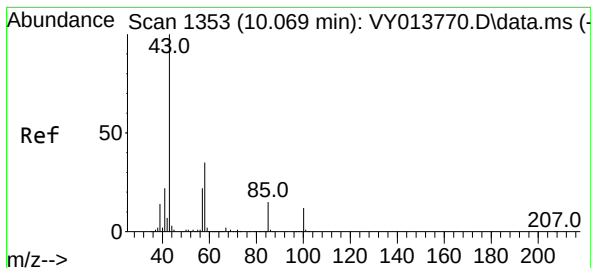
Tgt Ion: 98 Resp: 484405

Ion Ratio Lower Upper

98 100

100 62.9 51.0 76.6

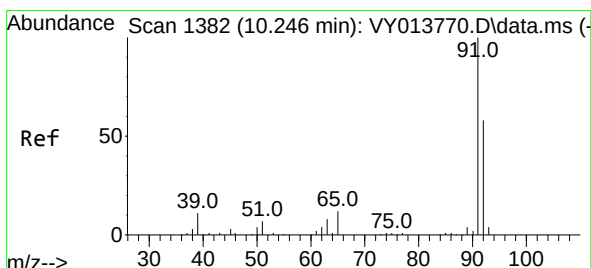
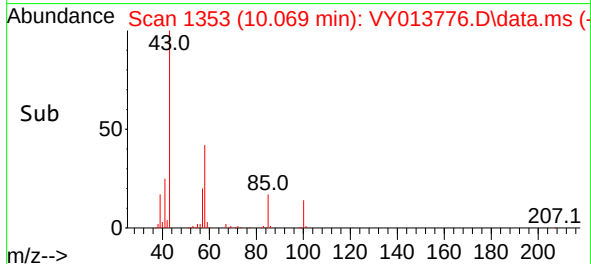
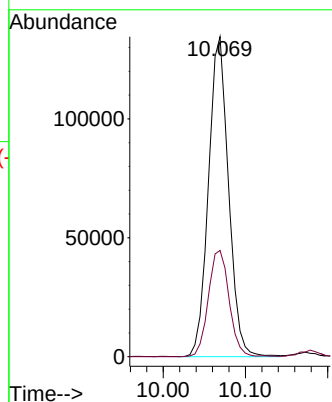
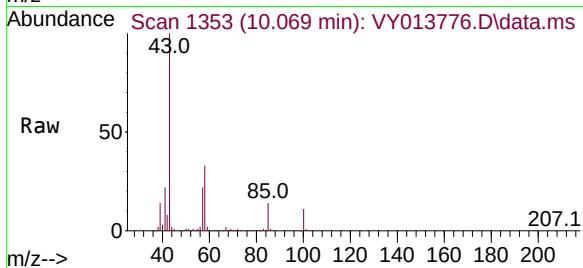




#51
4-Methyl-2-Pentanone
Concen: 91.935 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY013776.D
Acq: 17 May 2023 15:16

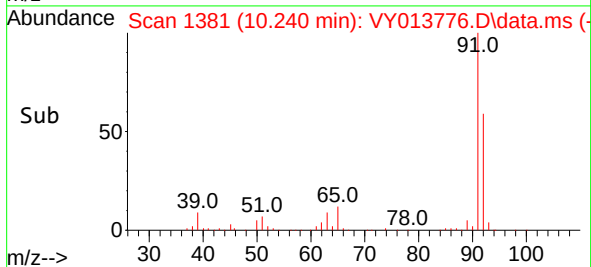
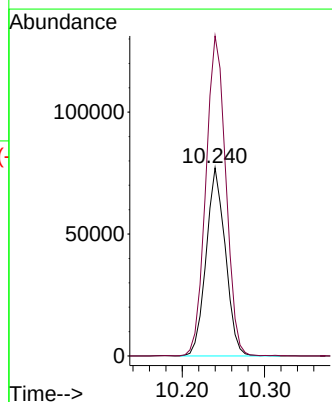
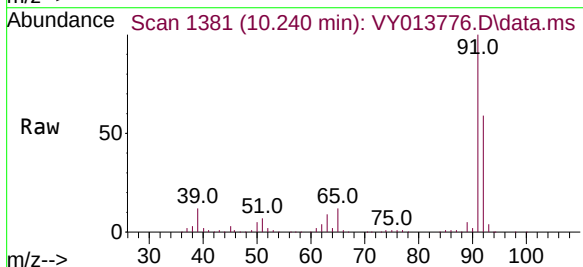
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBS01

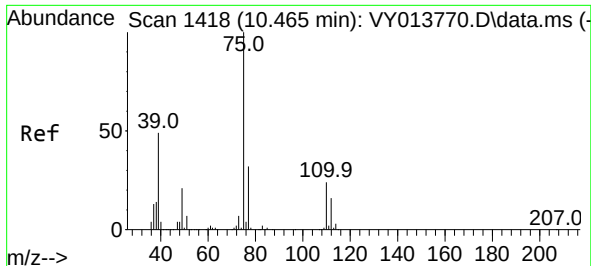
Tgt Ion: 43 Resp: 228295
Ion Ratio Lower Upper
43 100
58 34.5 28.2 42.2



#52
Toluene
Concen: 19.912 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY013776.D
Acq: 17 May 2023 15:16

Tgt Ion: 92 Resp: 125292
Ion Ratio Lower Upper
92 100
91 177.1 141.0 211.4

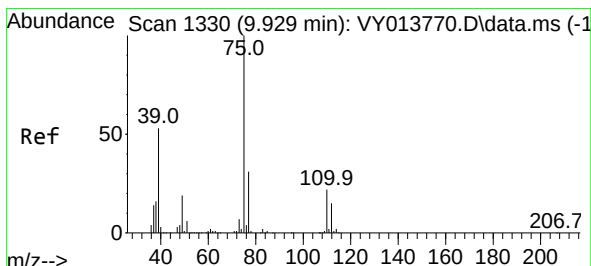
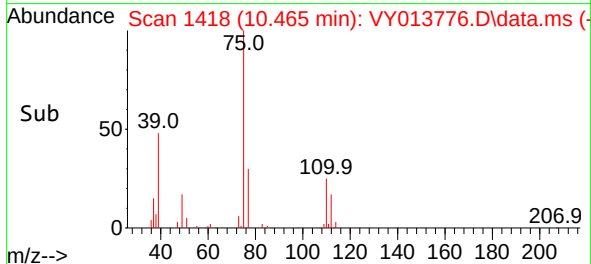
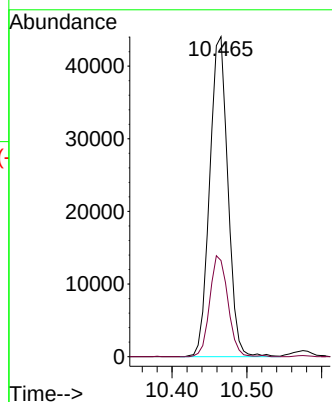
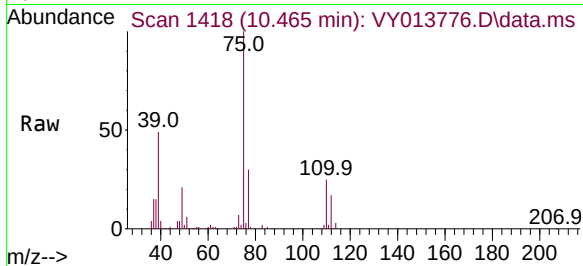




#53
 t-1,3-Dichloropropene
 Concen: 19.094 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY013776.D
 Acq: 17 May 2023 15:16

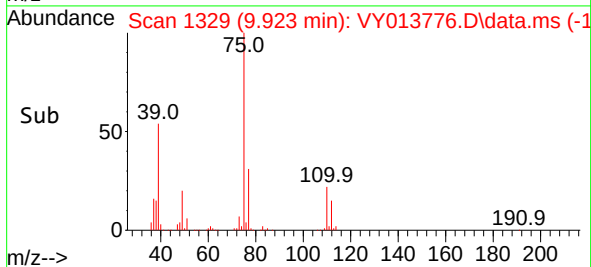
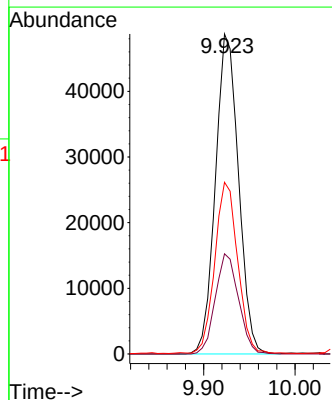
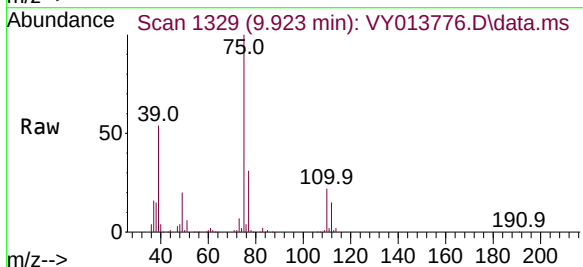
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0517SBS01

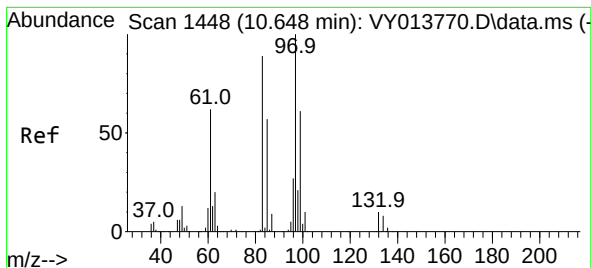
Tgt Ion: 75 Resp: 74472
 Ion Ratio Lower Upper
 75 100
 77 30.0 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 19.669 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.006 min
 Lab File: VY013776.D
 Acq: 17 May 2023 15:16

Tgt Ion: 75 Resp: 85594
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.8 37.2
 39 53.3 42.6 63.8





#55

1,1,2-Trichloroethane

Concen: 19.467 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VY013776.D

Acq: 17 May 2023 15:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0517SBS01

Tgt Ion: 97 Resp: 42294

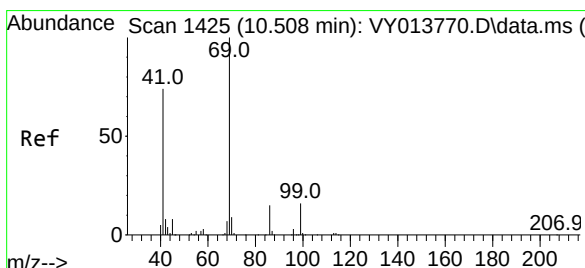
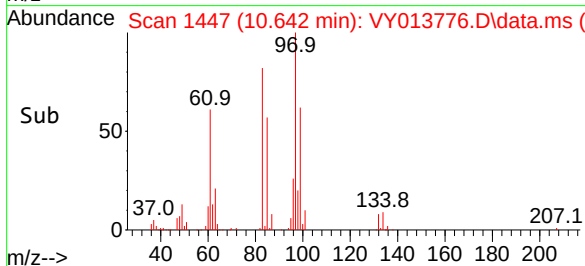
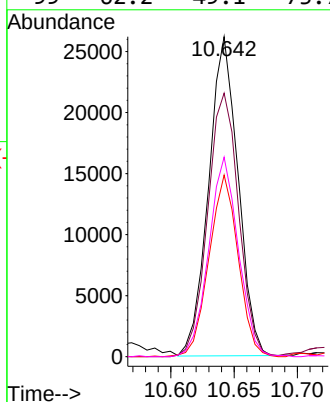
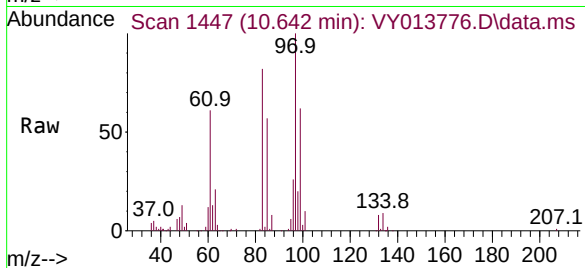
Ion Ratio Lower Upper

97 100

83 82.3 71.1 106.7

85 57.0 45.7 68.5

99 62.2 49.1 73.7



#56

Ethyl methacrylate

Concen: 18.722 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY013776.D

Acq: 17 May 2023 15:16

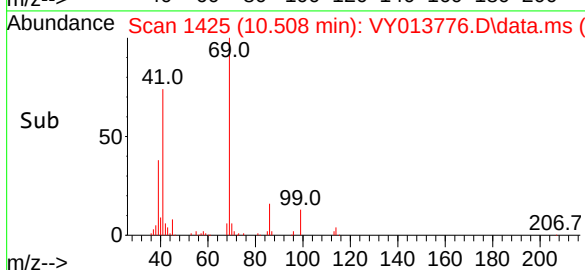
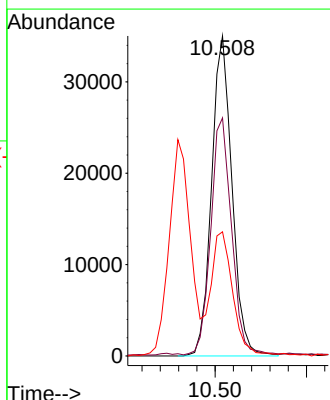
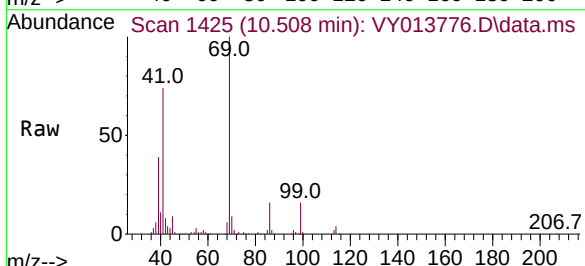
Tgt Ion: 69 Resp: 54281

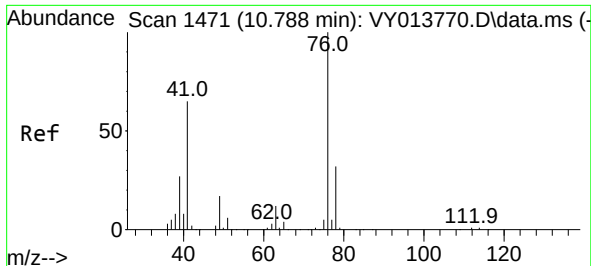
Ion Ratio Lower Upper

69 100

41 75.3 58.3 87.5

39 40.8 31.8 47.8





#57

1,3-Dichloropropane

Concen: 19.251 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013776.D

Acq: 17 May 2023 15:16

Instrument :

MSVOA_Y

ClientSampleId :

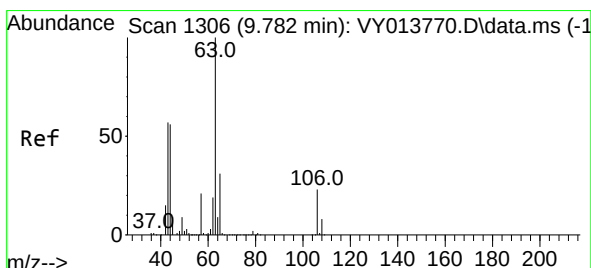
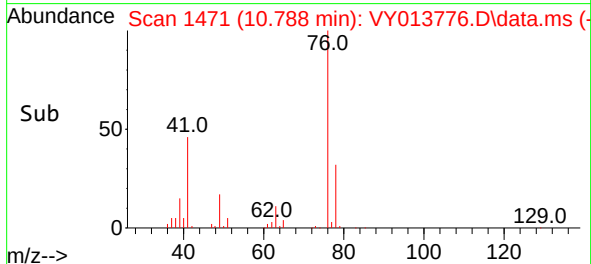
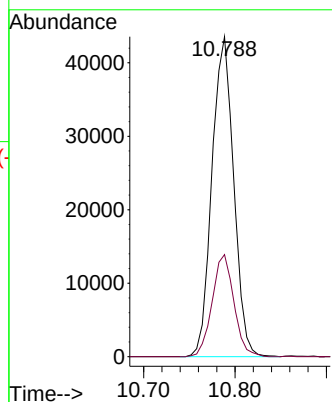
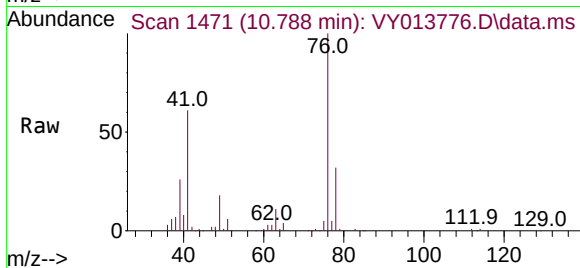
VY0517SBS01

Tgt Ion: 76 Resp: 71953

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 98.213 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY013776.D

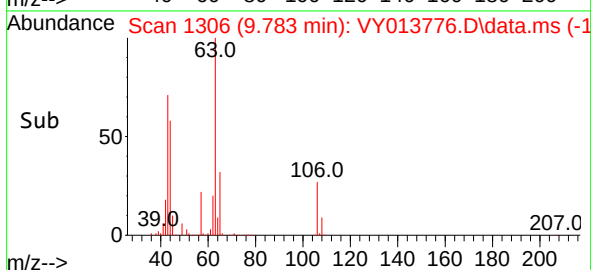
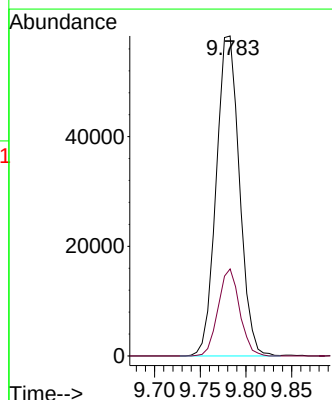
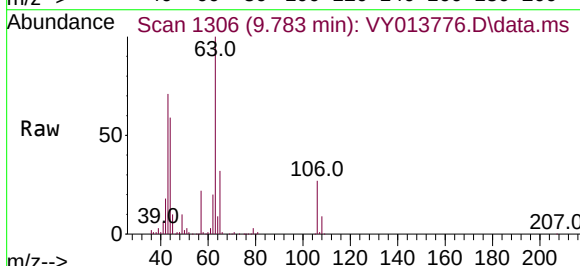
Acq: 17 May 2023 15:16

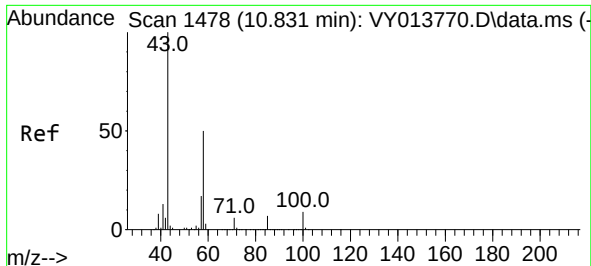
Tgt Ion: 63 Resp: 103164

Ion Ratio Lower Upper

63 100

106 25.1 19.7 29.5

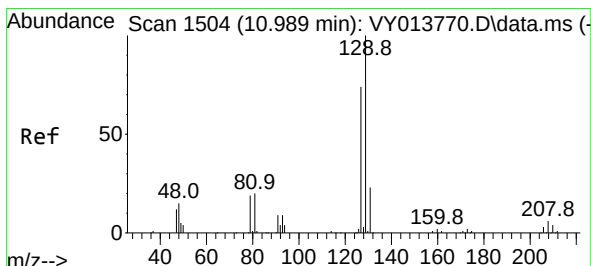
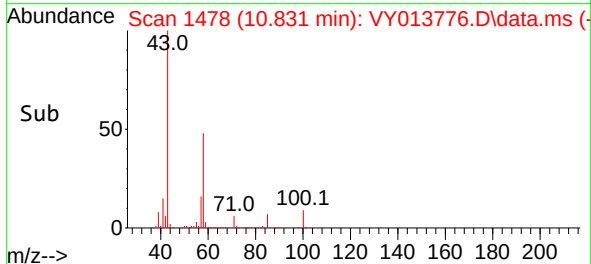
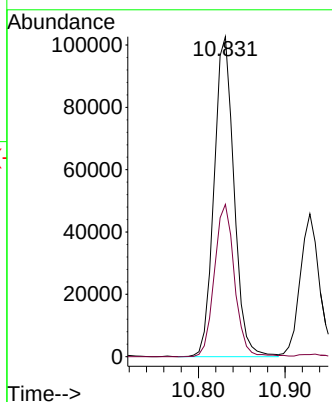
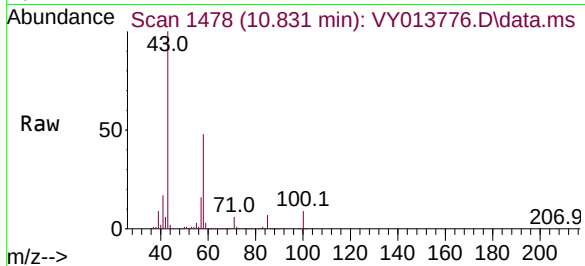




#59
2-Hexanone
Concen: 92.896 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013776.D
Acq: 17 May 2023 15:16

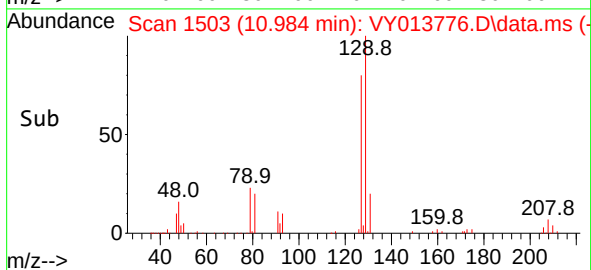
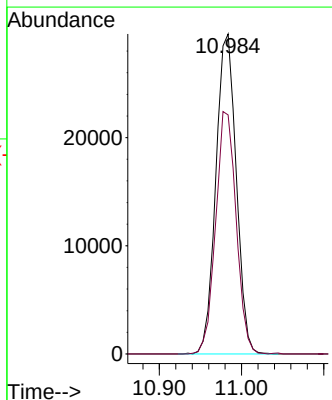
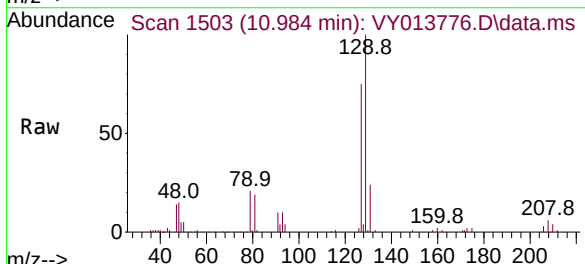
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBS01

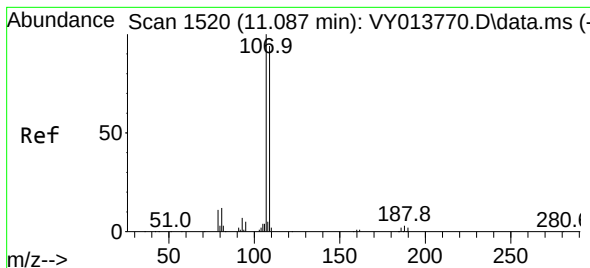
Tgt Ion: 43 Resp: 163972
Ion Ratio Lower Upper
43 100
58 48.1 24.8 74.4



#60
Dibromochloromethane
Concen: 19.378 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. -0.006 min
Lab File: VY013776.D
Acq: 17 May 2023 15:16

Tgt Ion:129 Resp: 51013
Ion Ratio Lower Upper
129 100
127 76.2 38.6 115.7

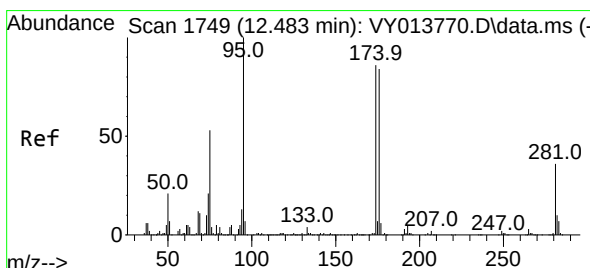
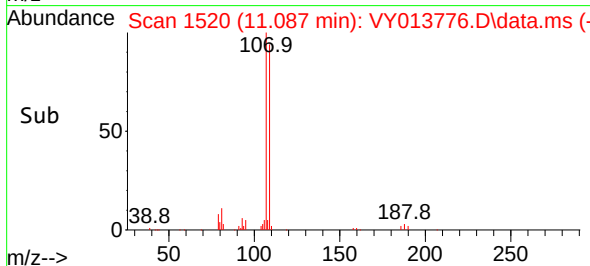
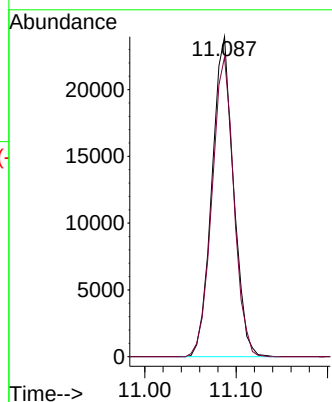
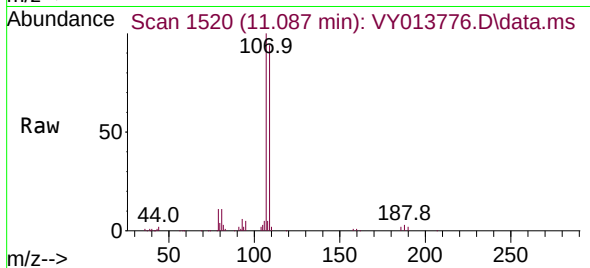




#61
1,2-Dibromoethane
Concen: 19.167 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013776.D
Acq: 17 May 2023 15:16

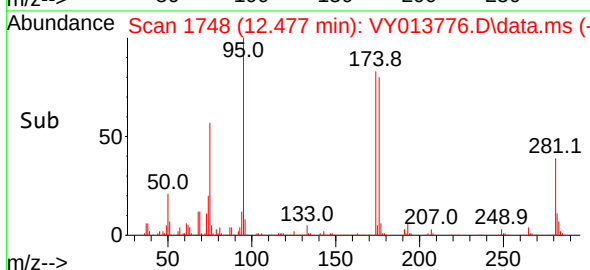
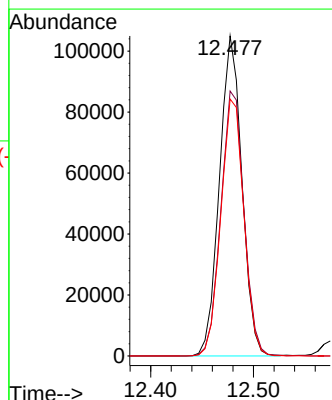
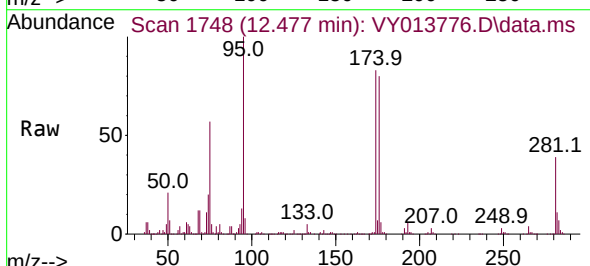
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBS01

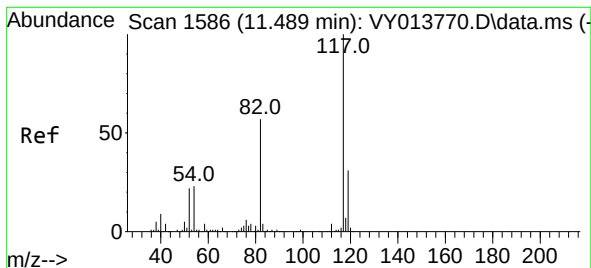
Tgt Ion:107 Resp: 39267
Ion Ratio Lower Upper
107 100
109 94.9 76.2 114.4



#62
4-Bromofluorobenzene
Concen: 48.943 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013776.D
Acq: 17 May 2023 15:16

Tgt Ion: 95 Resp: 159317
Ion Ratio Lower Upper
95 100
174 85.1 0.0 168.8
176 82.2 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: VY013776.D

Acq: 17 May 2023 15:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0517SBS01

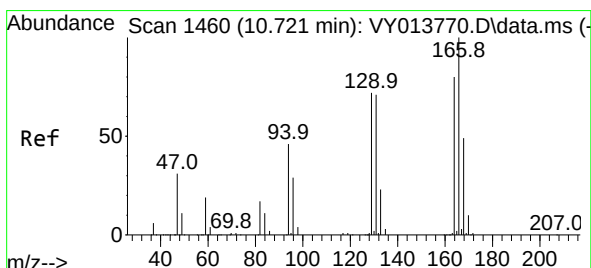
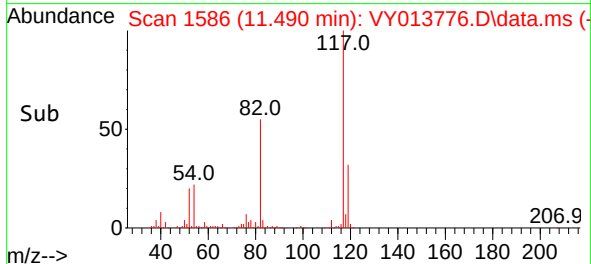
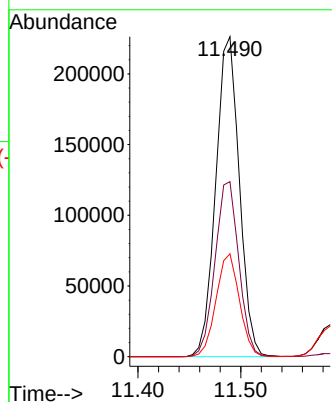
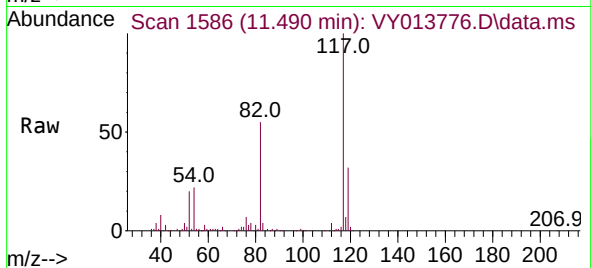
Tgt Ion:117 Resp: 360238

Ion Ratio Lower Upper

117 100

82 54.7 45.5 68.3

119 32.2 24.8 37.2



#64

Tetrachloroethene

Concen: 19.840 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VY013776.D

Acq: 17 May 2023 15:16

Tgt Ion:164 Resp: 45339

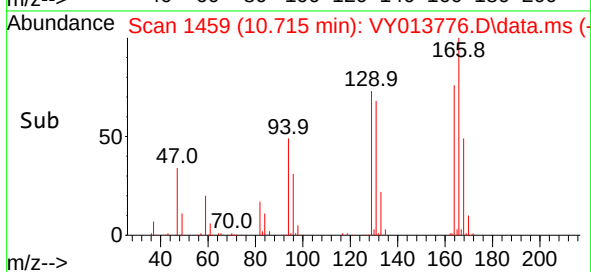
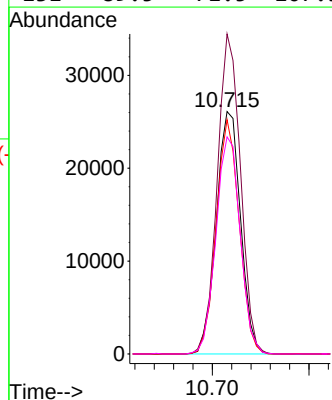
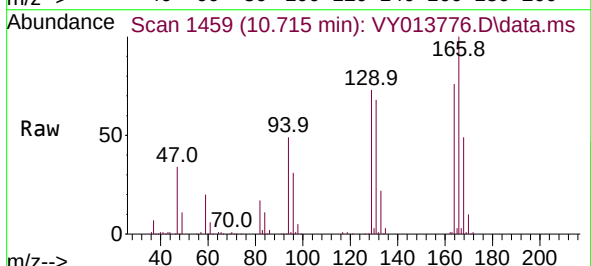
Ion Ratio Lower Upper

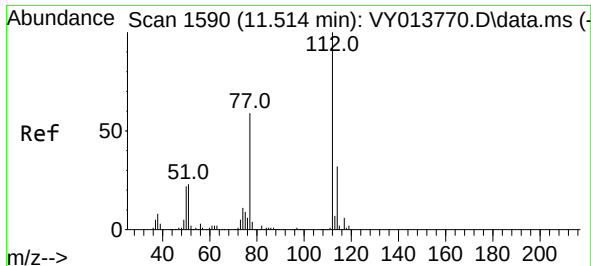
164 100

166 132.0 100.5 150.7

129 96.6 72.5 108.7

131 89.5 71.5 107.3

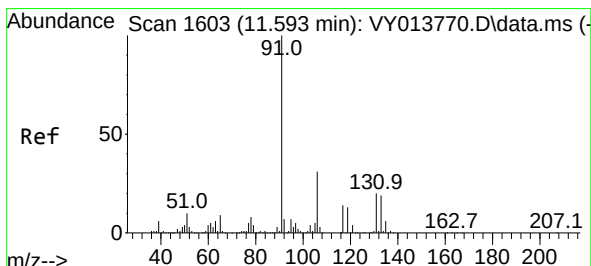
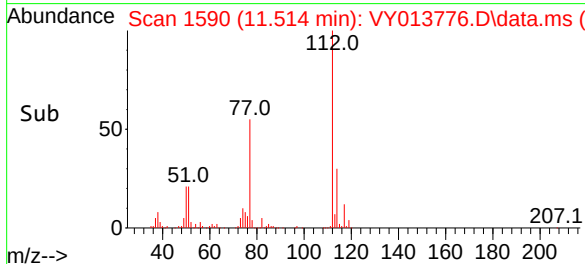
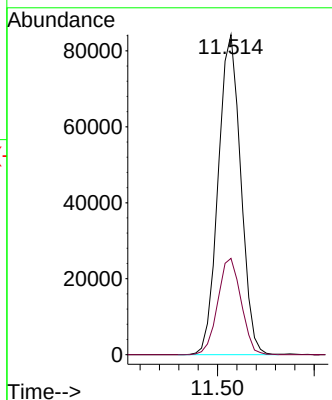
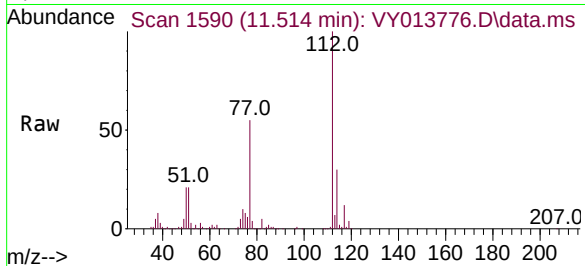




#65
Chlorobenzene
Concen: 19.962 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013776.D
Acq: 17 May 2023 15:16

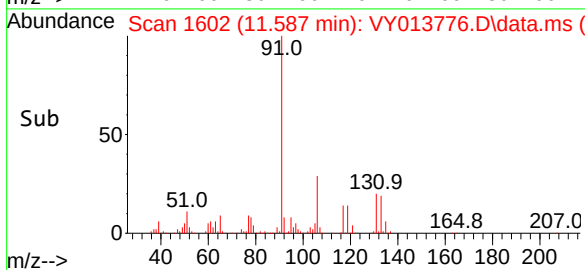
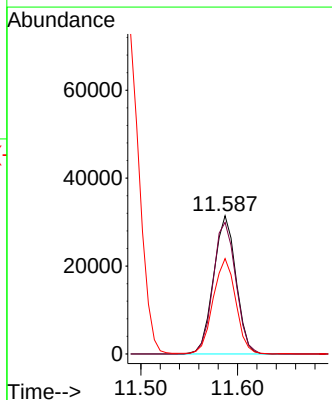
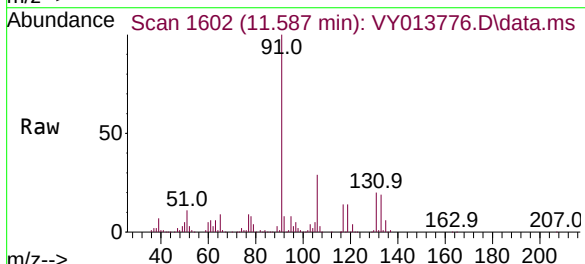
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBS01

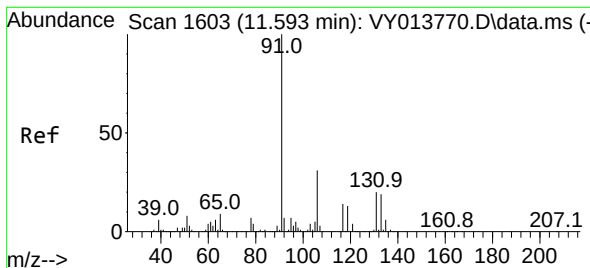
Tgt Ion:112 Resp: 136110
Ion Ratio Lower Upper
112 100
114 30.1 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 19.157 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY013776.D
Acq: 17 May 2023 15:16

Tgt Ion:131 Resp: 50755
Ion Ratio Lower Upper
131 100
133 96.6 47.8 143.4
119 69.4 32.9 98.7

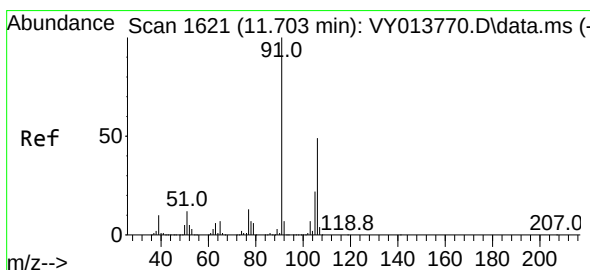
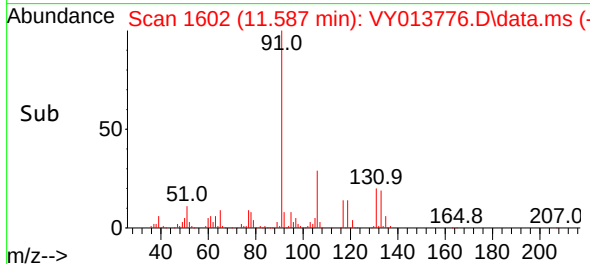
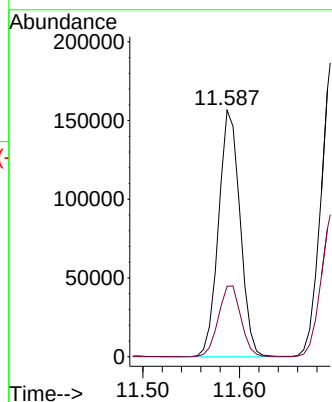
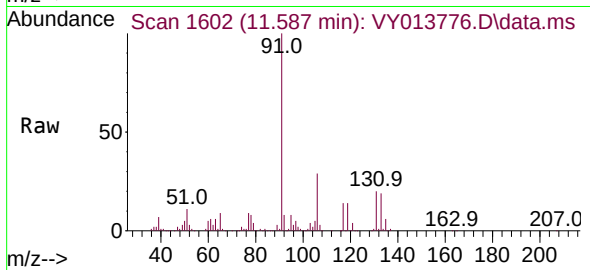




#67
Ethyl Benzene
Concen: 19.906 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY013776.D
Acq: 17 May 2023 15:16

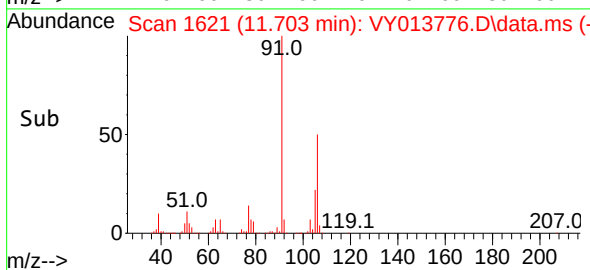
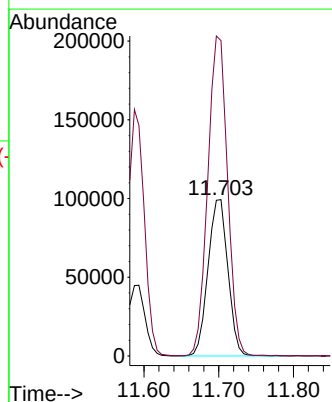
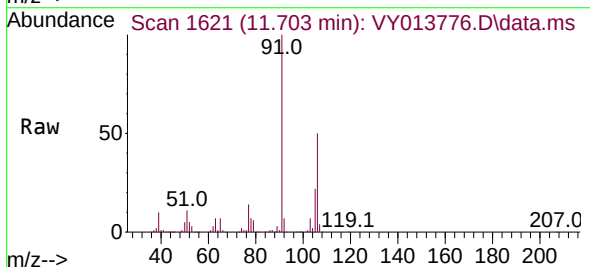
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBS01

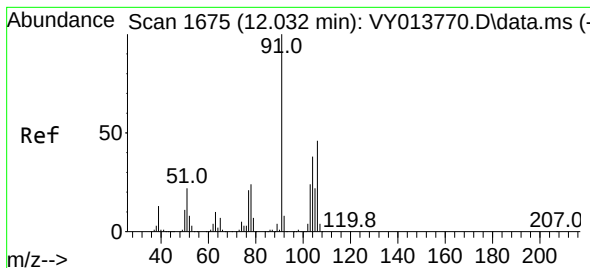
Tgt Ion: 91 Resp: 241189
Ion Ratio Lower Upper
91 100
106 28.6 25.0 37.6



#68
m/p-Xylenes
Concen: 40.390 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY013776.D
Acq: 17 May 2023 15:16

Tgt Ion: 106 Resp: 183293
Ion Ratio Lower Upper
106 100
91 203.4 164.0 246.0





#69

o-Xylene

Concen: 19.935 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013776.D

Acq: 17 May 2023 15:16

Instrument :

MSVOA_Y

ClientSampleId :

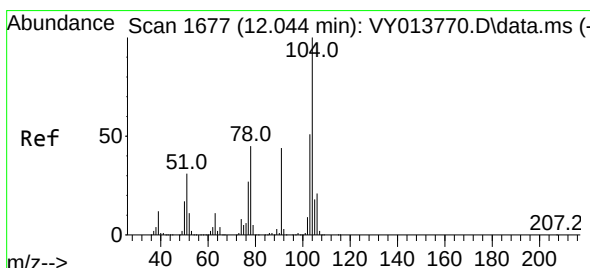
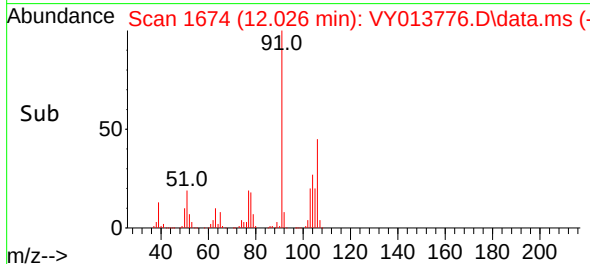
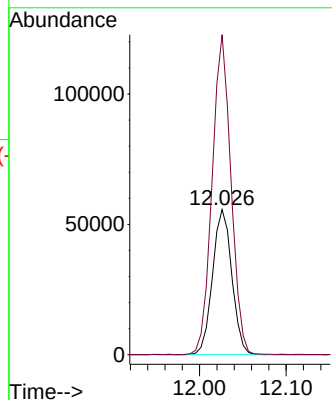
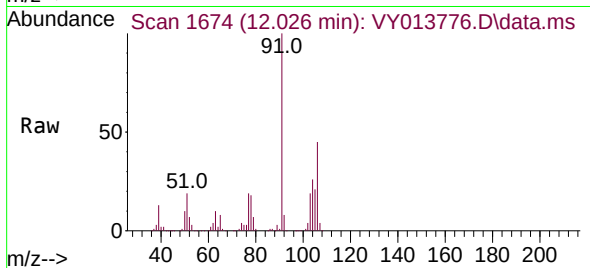
VY0517SBS01

Tgt Ion:106 Resp: 86059

Ion Ratio Lower Upper

106 100

91 215.9 108.4 325.2



#70

Styrene

Concen: 19.758 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. -0.006 min

Lab File: VY013776.D

Acq: 17 May 2023 15:16

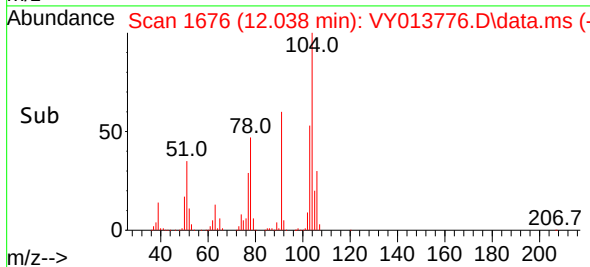
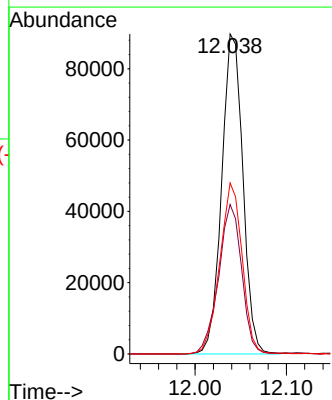
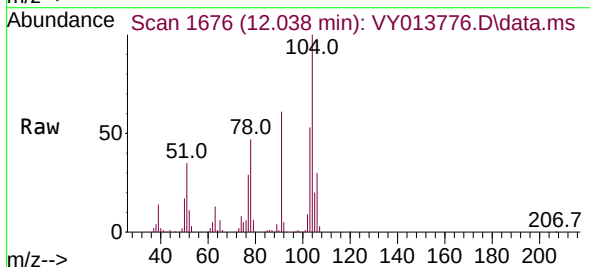
Tgt Ion:104 Resp: 144868

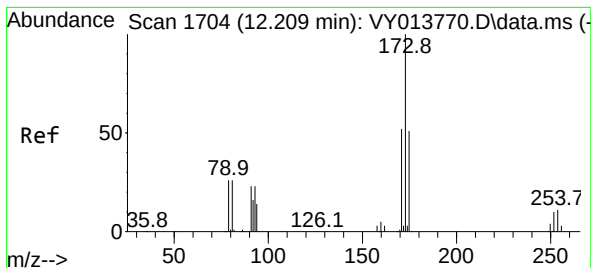
Ion Ratio Lower Upper

104 100

78 50.7 40.6 61.0

103 56.6 44.6 66.8





#71

Bromoform

Concen: 18.877 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013776.D

Acq: 17 May 2023 15:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0517SBS01

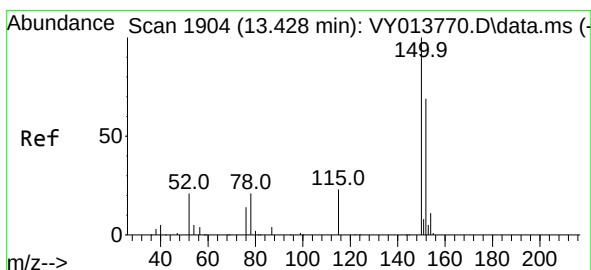
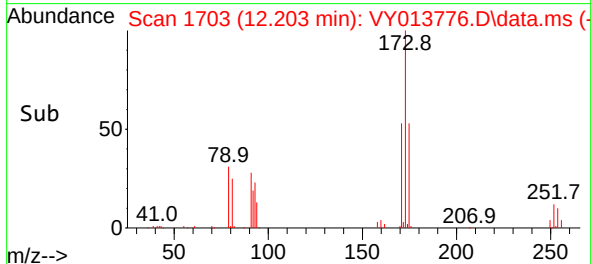
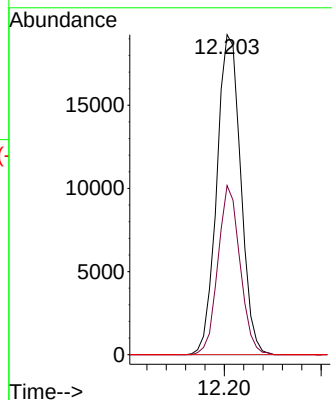
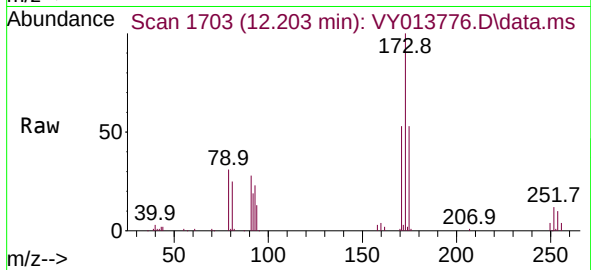
Tgt Ion:173 Resp: 33041

Ion Ratio Lower Upper

173 100

175 48.7 24.9 74.7

254 0.0 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: VY013776.D

Acq: 17 May 2023 15:16

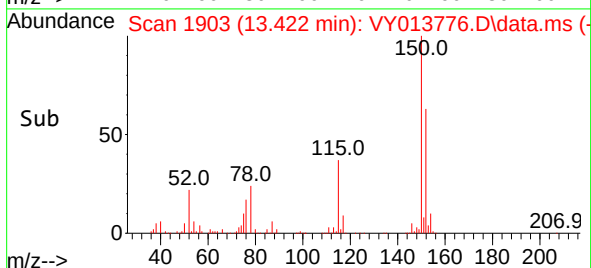
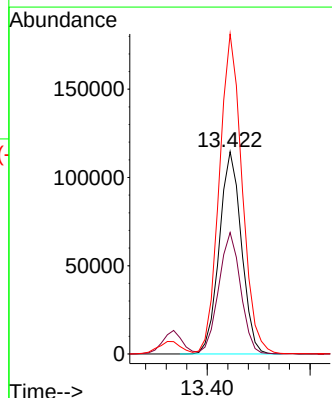
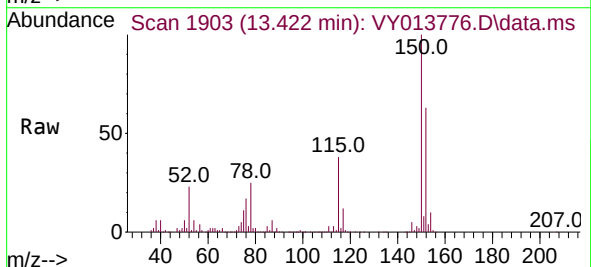
Tgt Ion:152 Resp: 171065

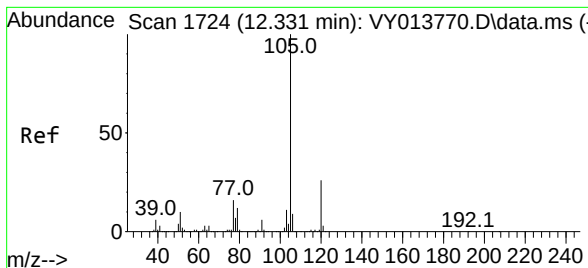
Ion Ratio Lower Upper

152 100

115 59.2 28.5 85.5

150 163.1 0.0 347.0





#73

Isopropylbenzene

Concen: 19.651 ug/l

RT: 12.325 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013776.D

Acq: 17 May 2023 15:16

Instrument :

MSVOA_Y

ClientSampleId :

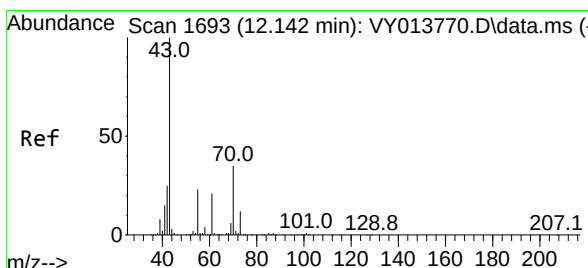
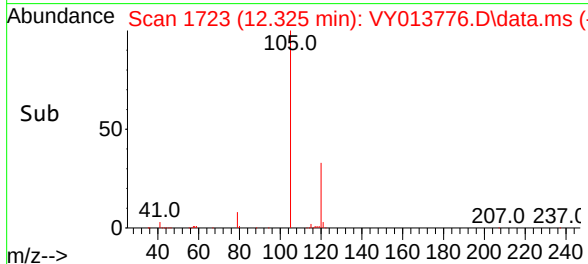
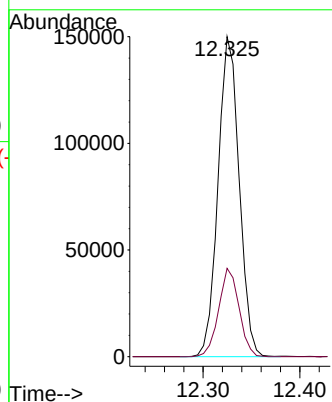
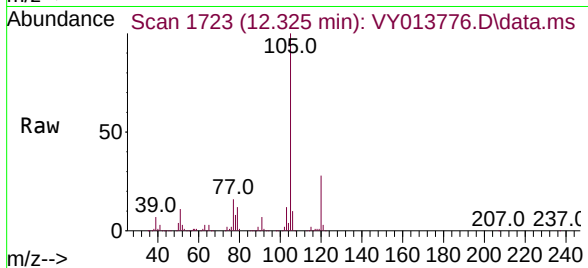
VY0517SBS01

Tgt Ion:105 Resp: 227579

Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.6



#74

N-ethyl acetate

Concen: 18.478 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY013776.D

Acq: 17 May 2023 15:16

Tgt Ion: 43 Resp: 72620

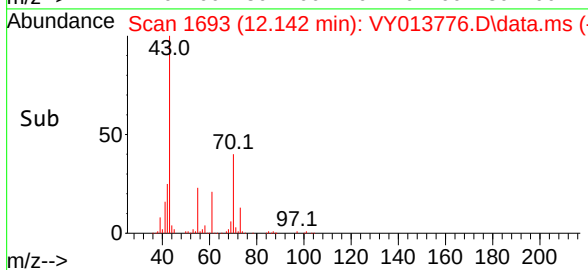
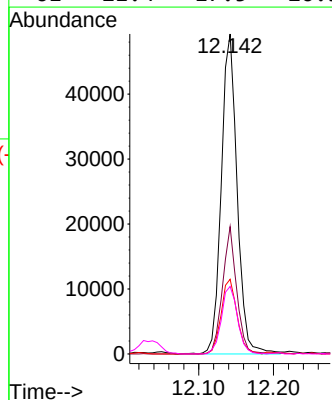
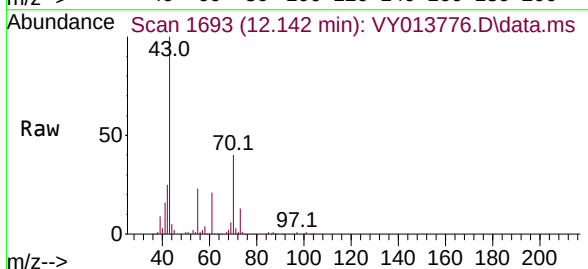
Ion Ratio Lower Upper

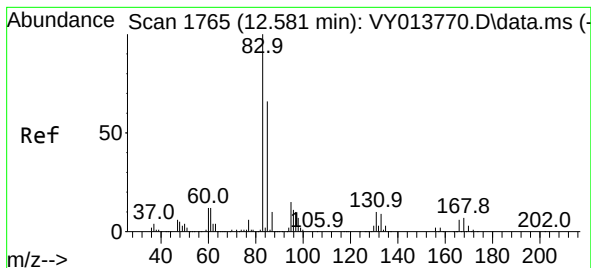
43 100

70 35.5 28.8 43.2

55 23.5 18.5 27.7

61 21.4 17.5 26.3





#75

1,1,2-Tetrachloroethane

Concen: 18.351 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY013776.D

Acq: 17 May 2023 15:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0517SBS01

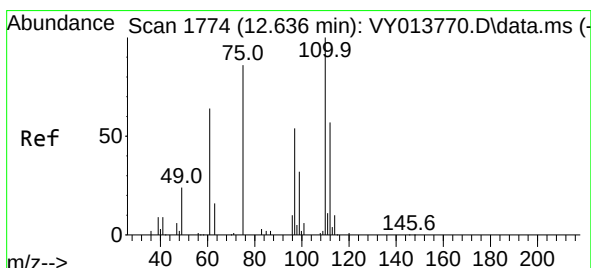
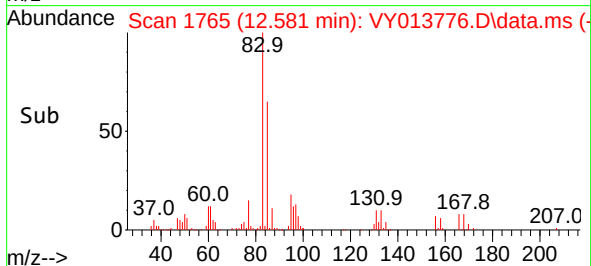
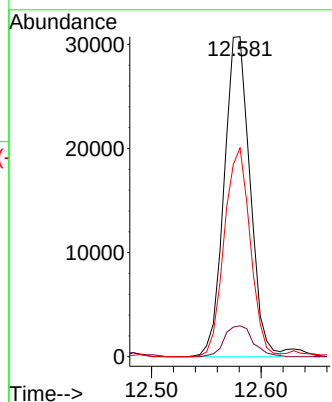
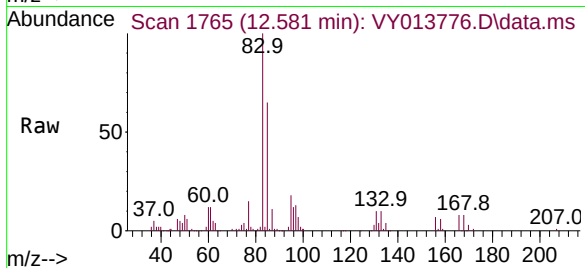
Tgt Ion: 83 Resp: 50346

Ion Ratio Lower Upper

83 100

131 10.7 5.1 15.2

85 65.5 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 31.943 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY013776.D

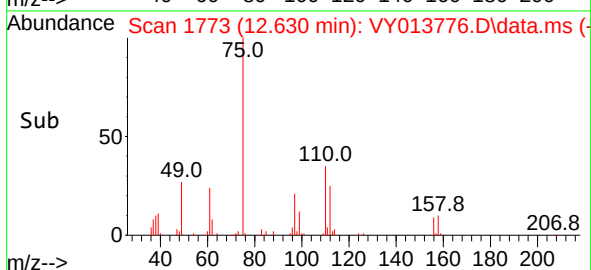
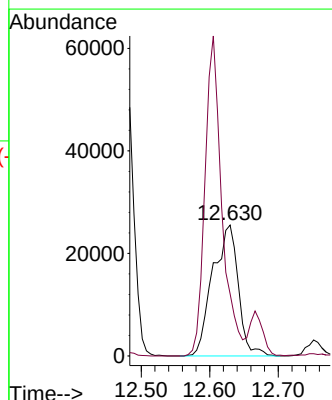
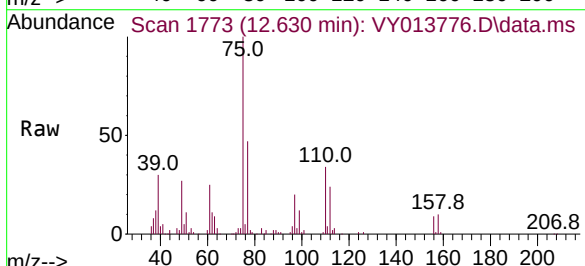
Acq: 17 May 2023 15:16

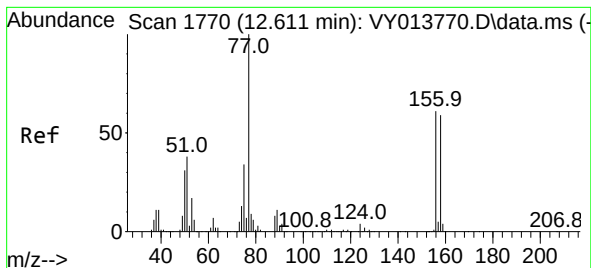
Tgt Ion: 75 Resp: 66133

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.797 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY013776.D

Acq: 17 May 2023 15:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0517SBS01

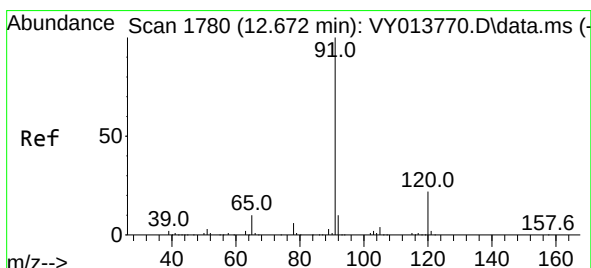
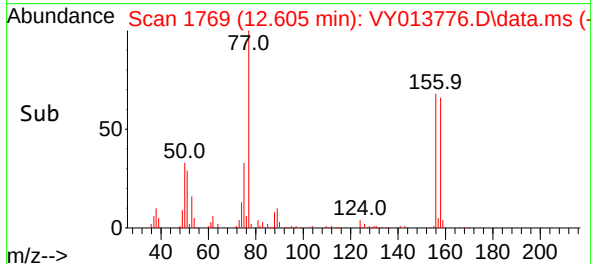
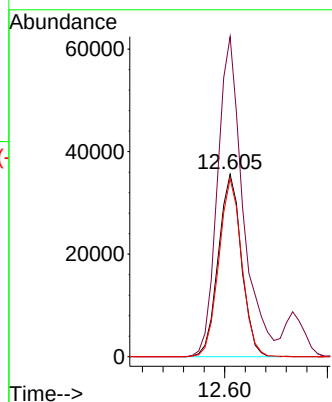
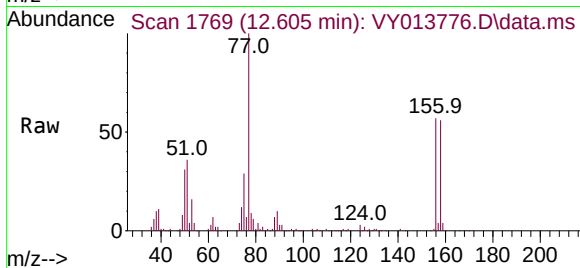
Tgt Ion:156 Resp: 55307

Ion Ratio Lower Upper

156 100

77 194.1 97.1 291.3

158 96.6 49.1 147.3



#78

n-propylbenzene

Concen: 20.270 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VY013776.D

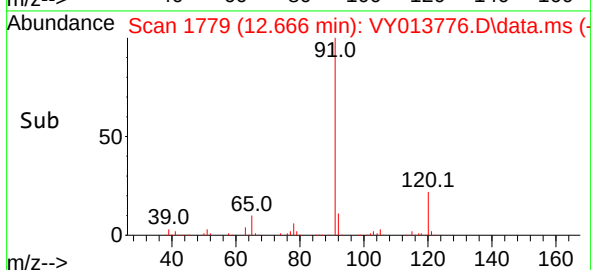
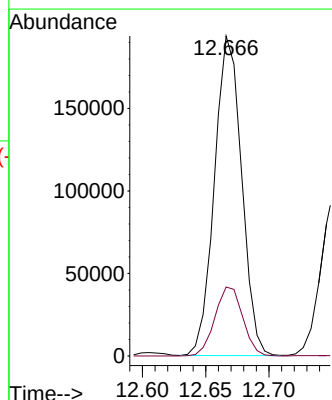
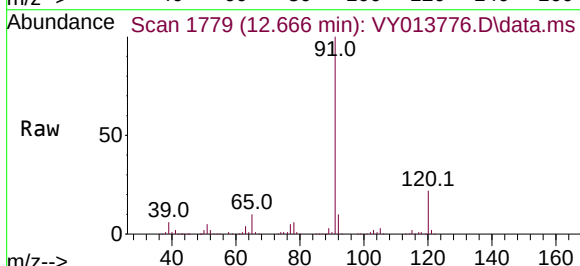
Acq: 17 May 2023 15:16

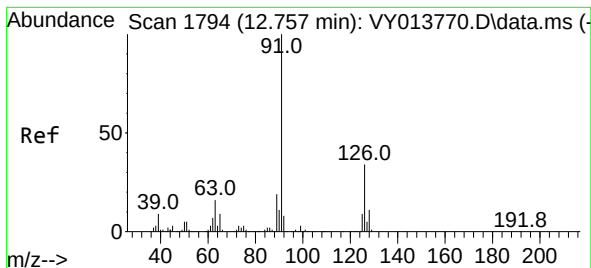
Tgt Ion: 91 Resp: 289165

Ion Ratio Lower Upper

91 100

120 22.1 10.9 32.9





#79

2-Chlorotoluene

Concen: 20.099 ug/l

RT: 12.752 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013776.D

Acq: 17 May 2023 15:16

Instrument :

MSVOA_Y

ClientSampleId :

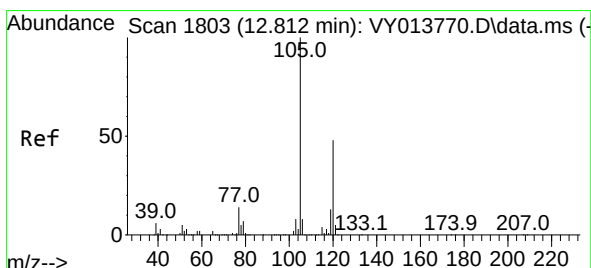
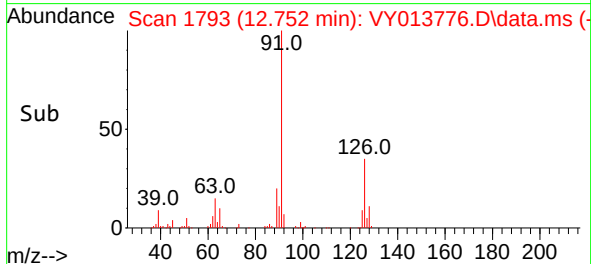
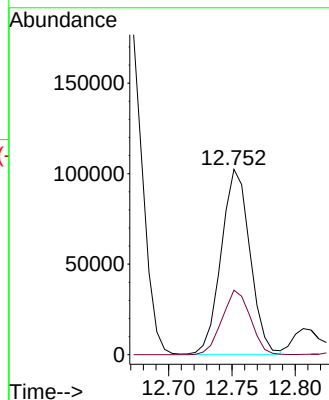
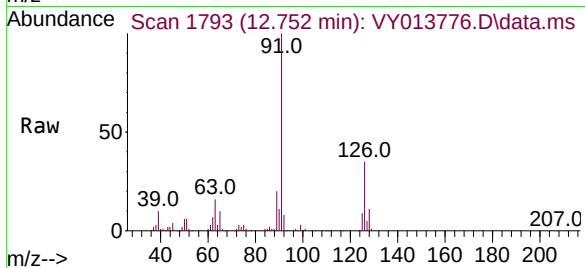
VY0517SBS01

Tgt Ion: 91 Resp: 161827

Ion Ratio Lower Upper

91 100

126 34.3 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 20.091 ug/l

RT: 12.806 min Scan# 1802

Delta R.T. -0.006 min

Lab File: VY013776.D

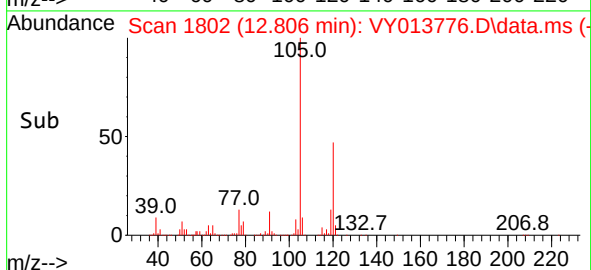
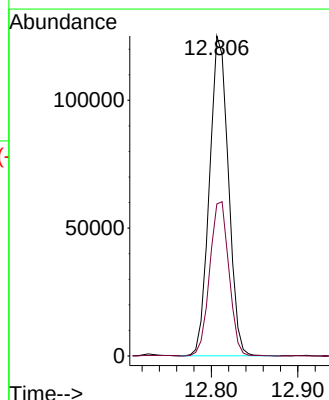
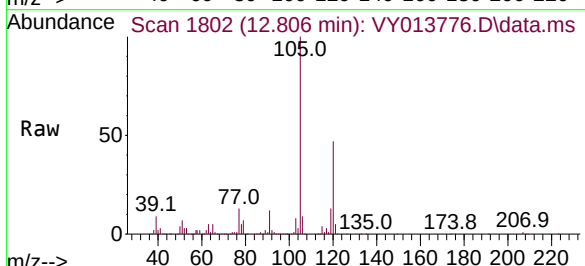
Acq: 17 May 2023 15:16

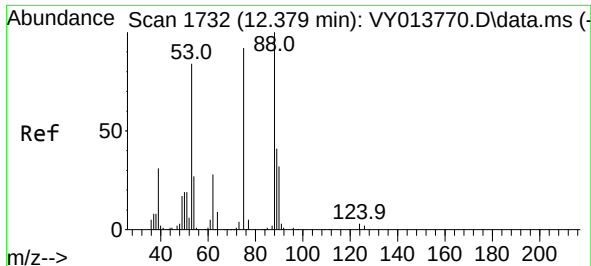
Tgt Ion:105 Resp: 189721

Ion Ratio Lower Upper

105 100

120 49.0 23.8 71.5

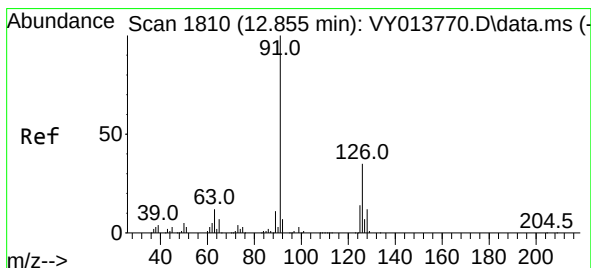
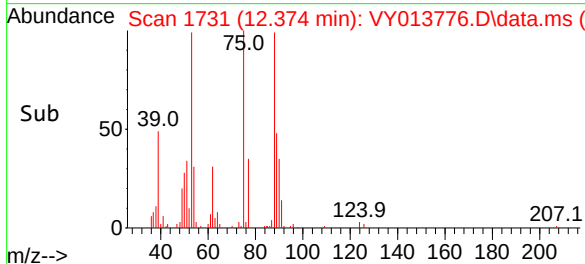
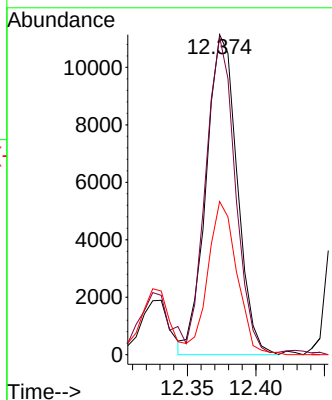
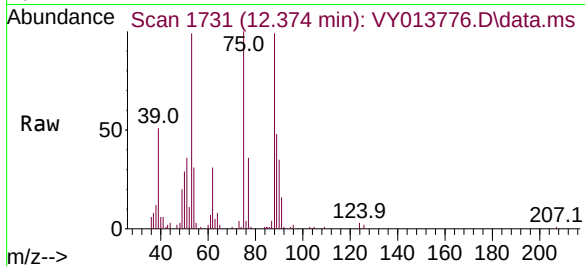




#81
trans-1,4-Dichloro-2-butene
Concen: 18.892 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY013776.D
Acq: 17 May 2023 15:16

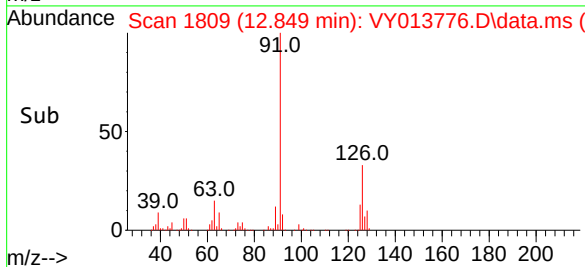
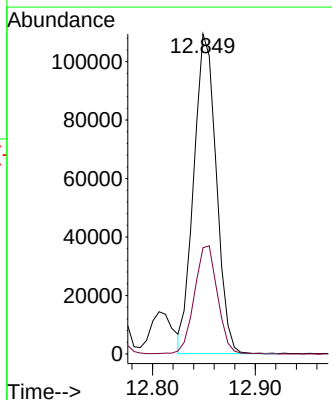
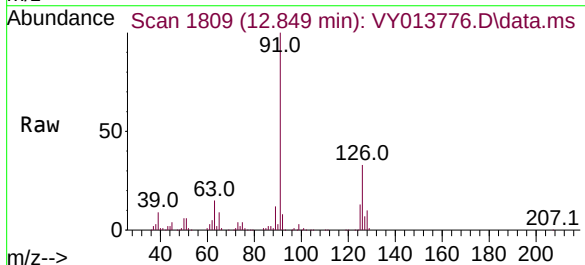
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBS01

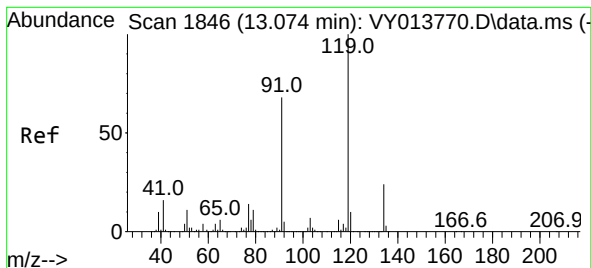
Tgt Ion: 75 Resp: 17568
Ion Ratio Lower Upper
75 100
53 93.0 75.3 112.9
89 44.5 35.4 53.2



#82
4-Chlorotoluene
Concen: 19.930 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY013776.D
Acq: 17 May 2023 15:16

Tgt Ion: 91 Resp: 167154
Ion Ratio Lower Upper
91 100
126 34.8 16.8 50.4





#83

tert-Butylbenzene

Concen: 20.668 ug/l

RT: 13.069 min Scan# 1845

Delta R.T. -0.006 min

Lab File: VY013776.D

Acq: 17 May 2023 15:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0517SBS01

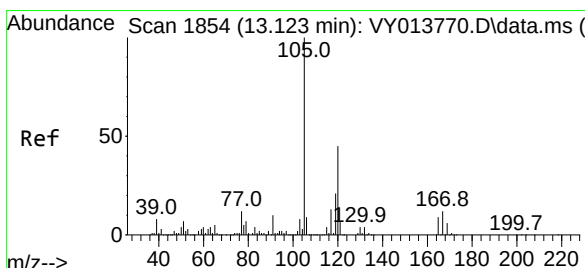
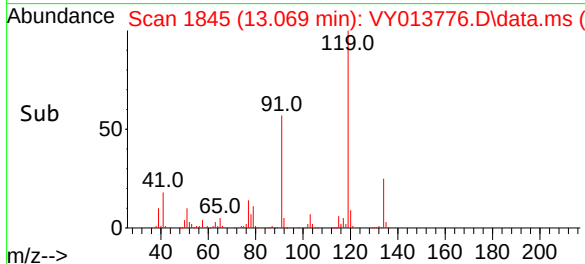
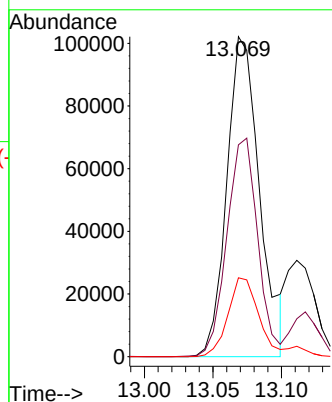
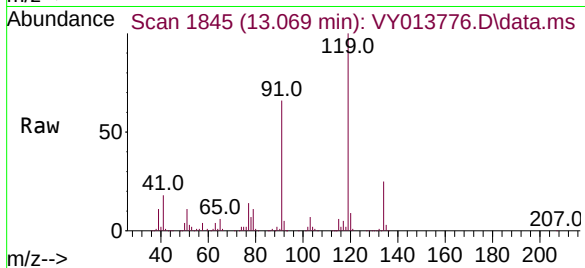
Tgt Ion:119 Resp: 169961

Ion Ratio Lower Upper

119 100

91 64.3 33.3 99.9

134 25.0 13.1 39.1



#84

1,2,4-Trimethylbenzene

Concen: 20.438 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY013776.D

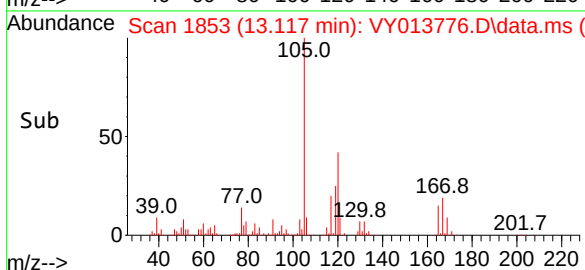
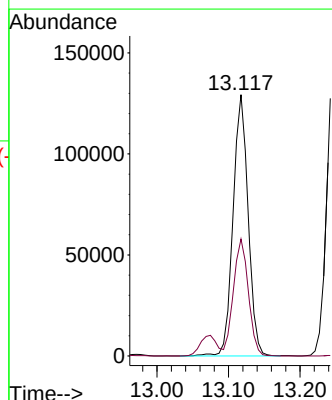
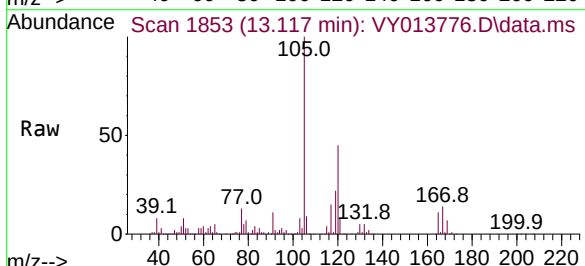
Acq: 17 May 2023 15:16

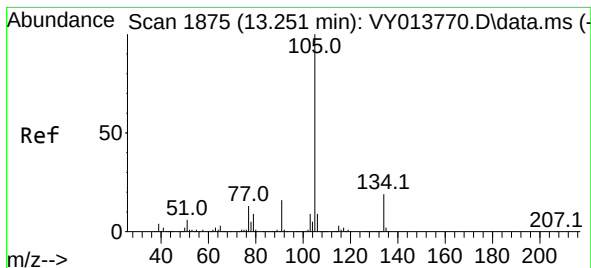
Tgt Ion:105 Resp: 189163

Ion Ratio Lower Upper

105 100

120 44.4 22.2 66.6





#85

sec-Butylbenzene

Concen: 20.740 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013776.D

Acq: 17 May 2023 15:16

Instrument :

MSVOA_Y

ClientSampleId :

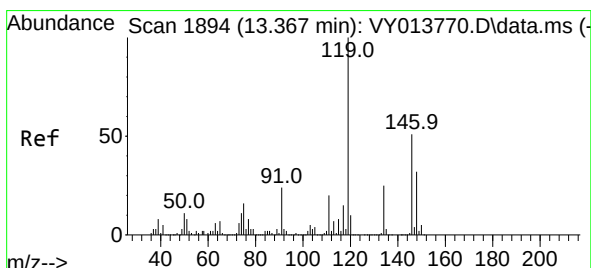
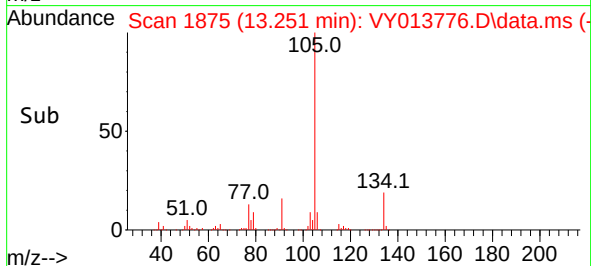
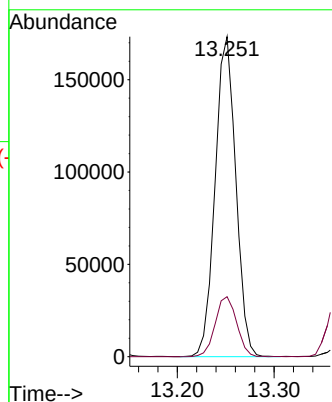
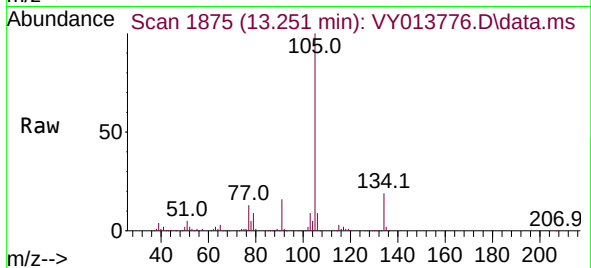
VY0517SBS01

Tgt Ion:105 Resp: 257339

Ion Ratio Lower Upper

105 100

134 19.5 9.9 29.7



#86

p-Isopropyltoluene

Concen: 20.182 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013776.D

Acq: 17 May 2023 15:16

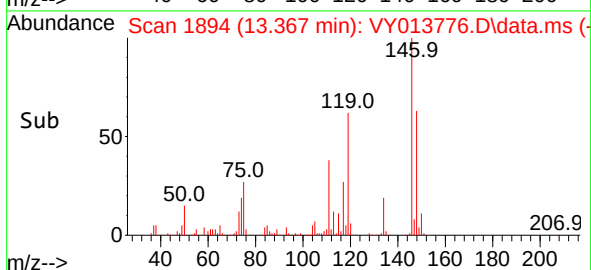
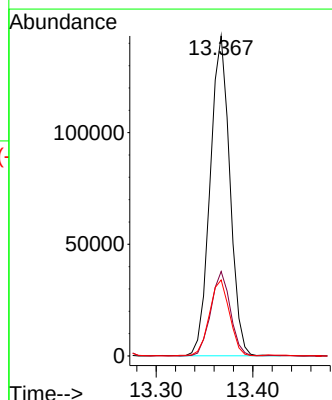
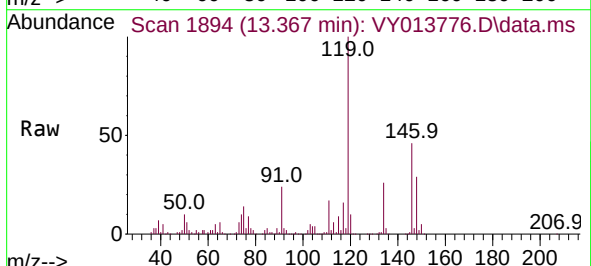
Tgt Ion:119 Resp: 202205

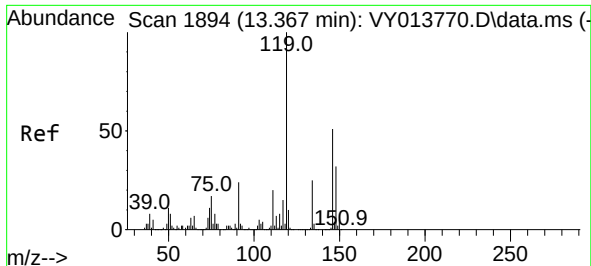
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

91 24.2 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 19.975 ug/l

RT: 13.361 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY013776.D

Acq: 17 May 2023 15:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0517SBS01

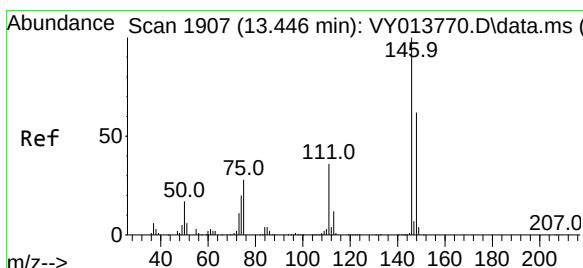
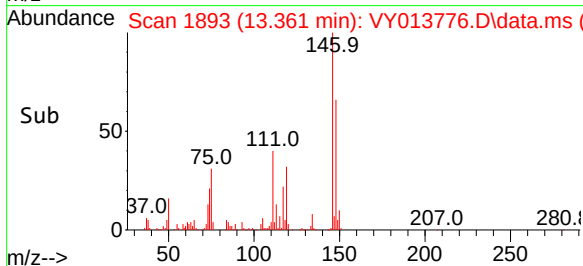
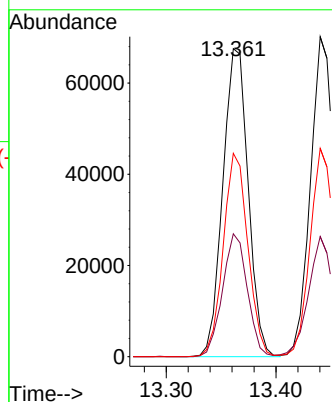
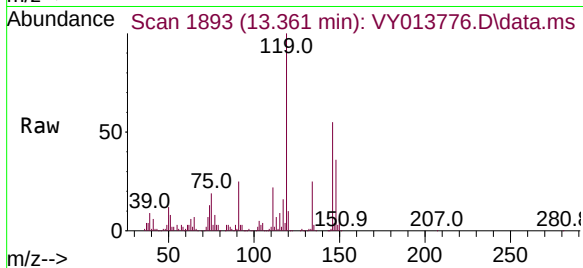
Tgt Ion:146 Resp: 108637

Ion Ratio Lower Upper

146 100

111 38.9 19.7 59.0

148 64.1 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 19.721 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY013776.D

Acq: 17 May 2023 15:16

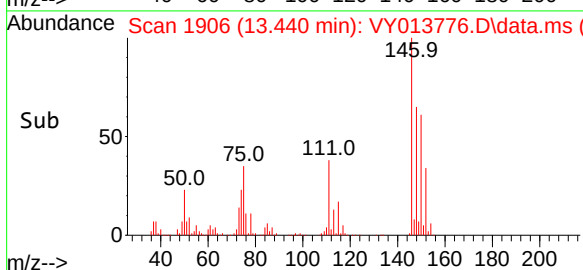
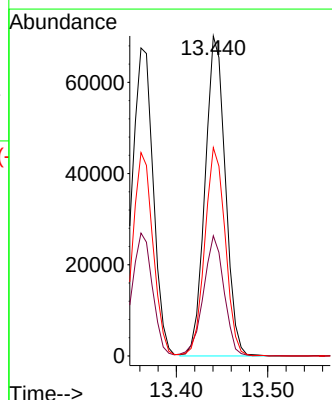
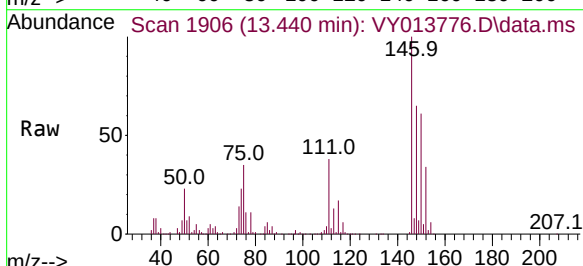
Tgt Ion:146 Resp: 107846

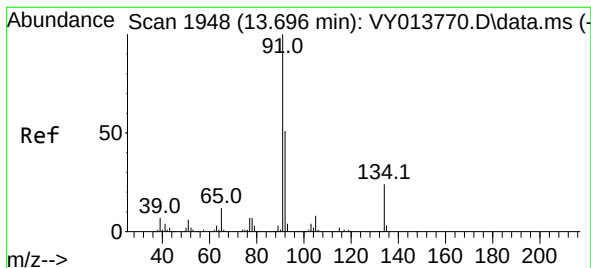
Ion Ratio Lower Upper

146 100

111 38.3 18.9 56.7

148 65.6 31.6 94.7





#89

n-Butylbenzene

Concen: 20.388 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013776.D

Acq: 17 May 2023 15:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0517SBS01

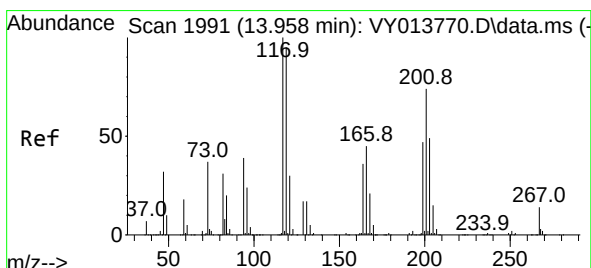
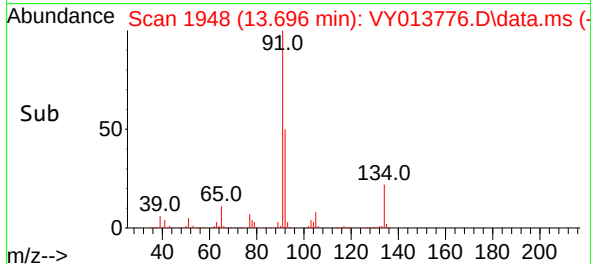
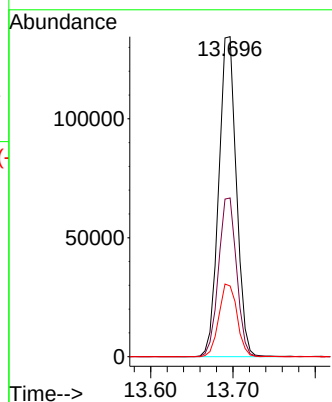
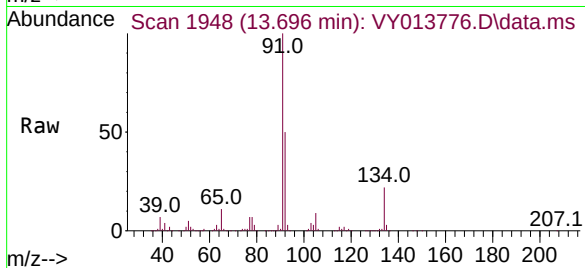
Tgt Ion: 91 Resp: 200273

Ion Ratio Lower Upper

91 100

92 50.9 25.4 76.4

134 23.4 12.2 36.6



#90

Hexachloroethane

Concen: 20.089 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY013776.D

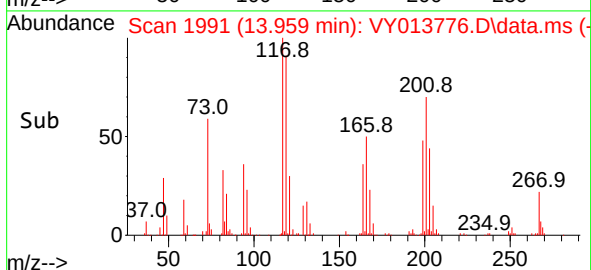
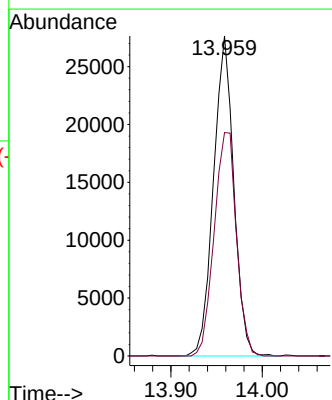
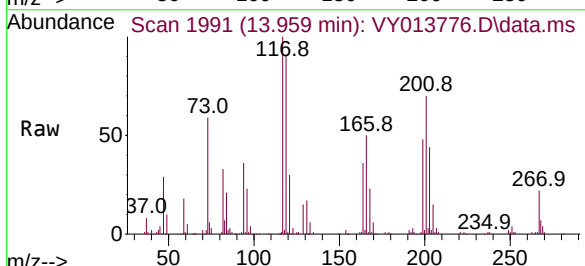
Acq: 17 May 2023 15:16

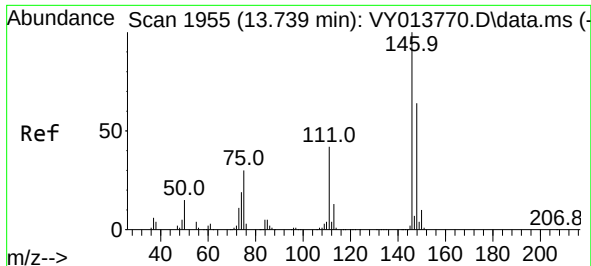
Tgt Ion: 117 Resp: 42533

Ion Ratio Lower Upper

117 100

201 76.8 39.2 117.6

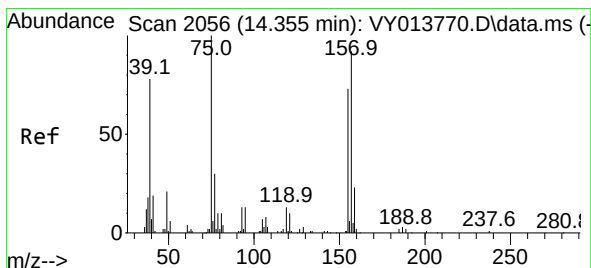
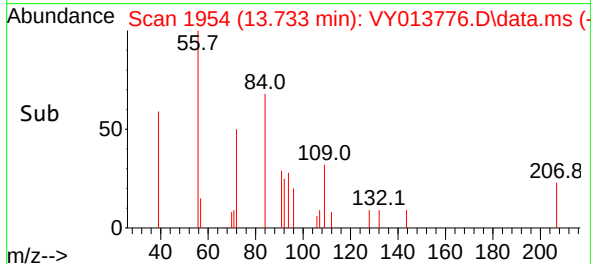
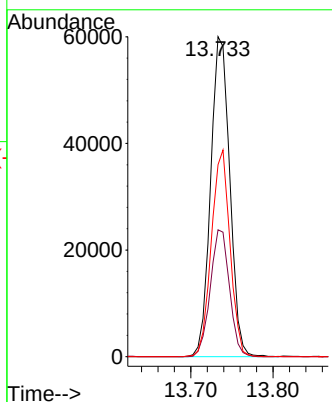
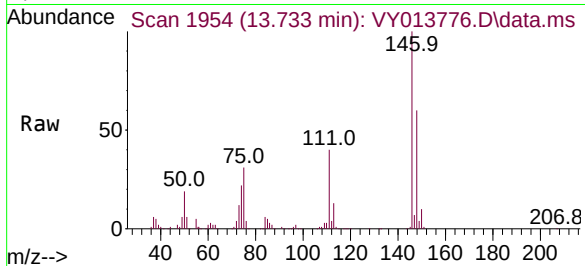




#91
 1,2-Dichlorobenzene
 Concen: 20.009 ug/l
 RT: 13.733 min Scan# 1954
 Delta R.T. -0.006 min
 Lab File: VY013776.D
 Acq: 17 May 2023 15:16

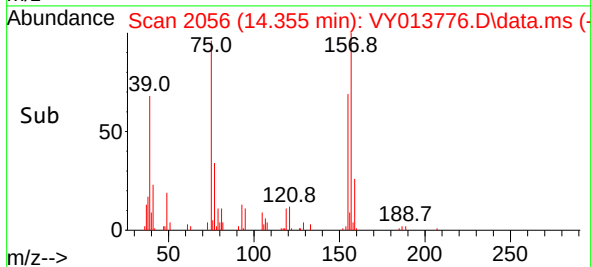
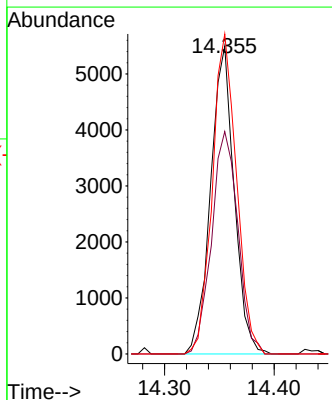
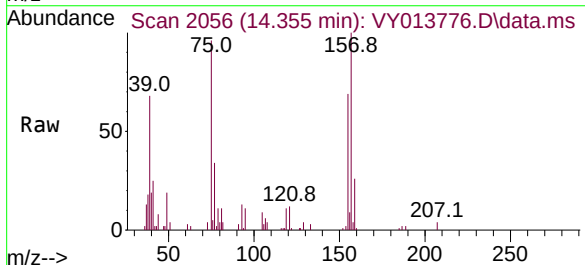
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0517SBS01

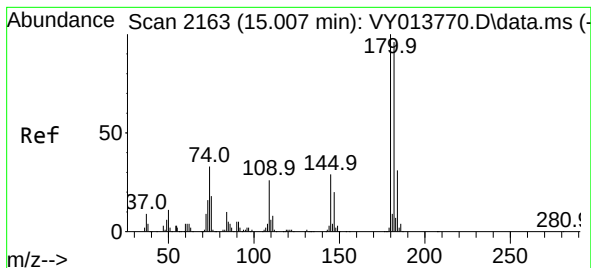
Tgt Ion:	146	Resp:	96903
Ion Ratio	Lower	Upper	
146	100		
111	39.7	20.0	59.9
148	62.9	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.494 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. 0.000 min
 Lab File: VY013776.D
 Acq: 17 May 2023 15:16

Tgt Ion:	75	Resp:	8221
Ion Ratio	Lower	Upper	
75	100		
155	80.1	39.1	117.3
157	106.6	50.2	150.7





#93

1,2,4-Trichlorobenzene

Concen: 19.699 ug/l

RT: 15.001 min Scan# 2163

Delta R.T. -0.006 min

Lab File: VY013776.D

Acq: 17 May 2023 15:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0517SBS01

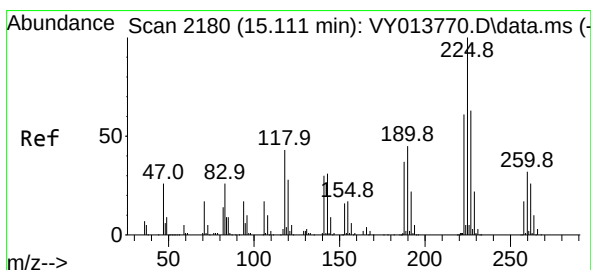
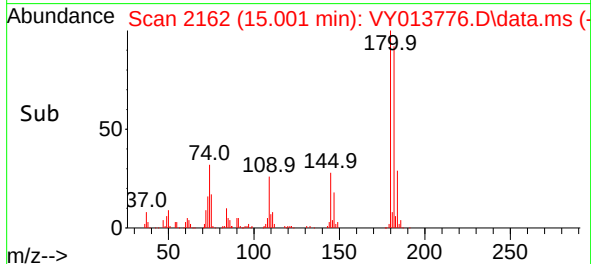
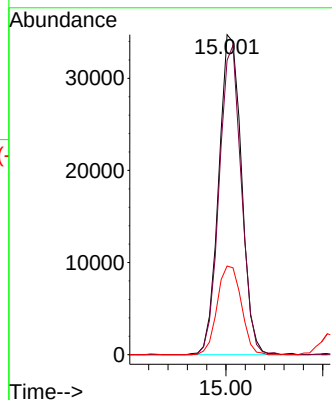
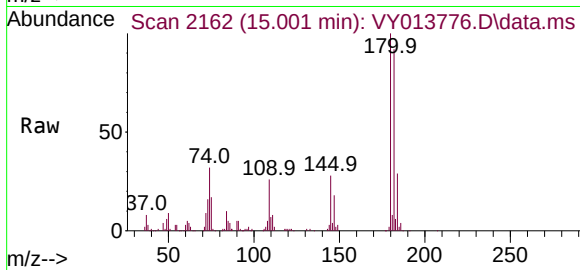
Tgt Ion:180 Resp: 56615

Ion Ratio Lower Upper

180 100

182 94.0 47.4 142.3

145 29.3 14.9 44.9



#94

Hexachlorobutadiene

Concen: 20.345 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY013776.D

Acq: 17 May 2023 15:16

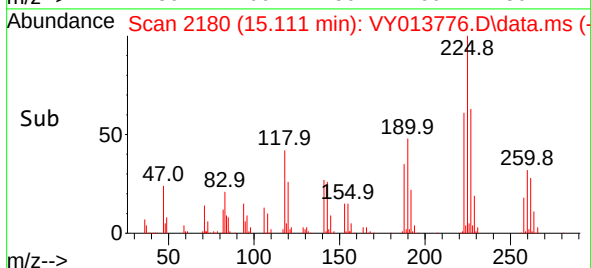
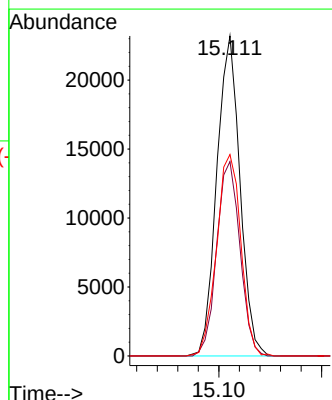
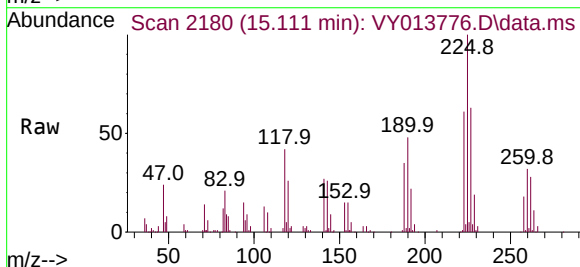
Tgt Ion:225 Resp: 36323

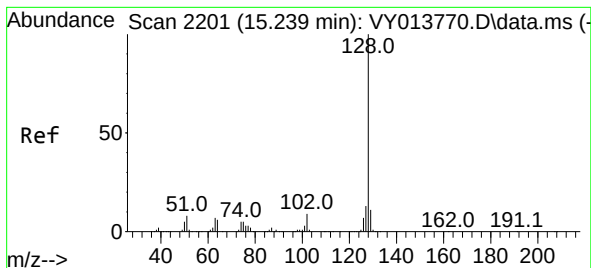
Ion Ratio Lower Upper

225 100

223 60.9 30.6 91.6

227 65.8 31.6 94.7





#95

Naphthalene

Concen: 17.700 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY013776.D

Acq: 17 May 2023 15:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0517SBS01

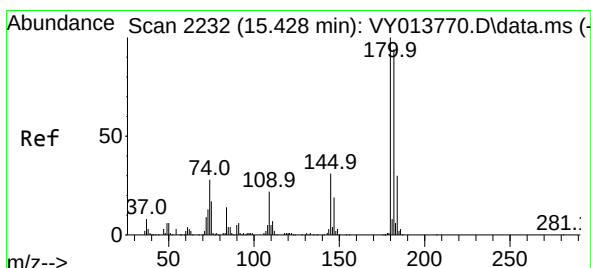
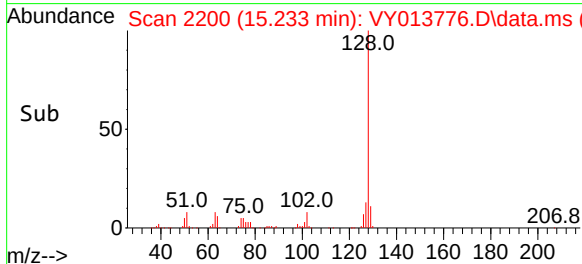
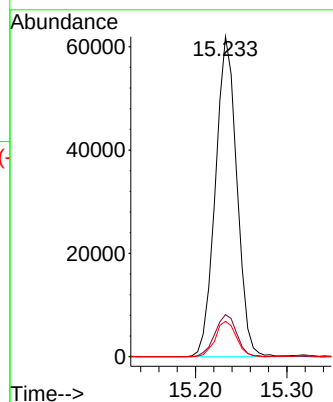
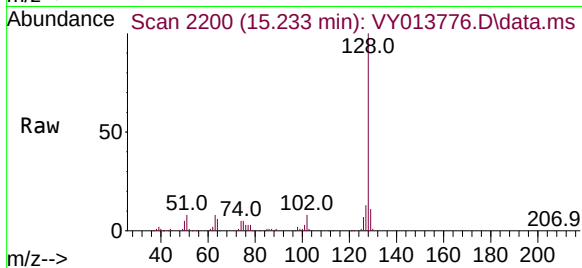
Tgt Ion:128 Resp: 100962

Ion Ratio Lower Upper

128 100

127 13.4 10.8 16.2

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 18.825 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY013776.D

Acq: 17 May 2023 15:16

Tgt Ion:180 Resp: 48676

Ion Ratio Lower Upper

180 100

182 95.1 47.8 143.4

145 30.6 15.6 46.7

