

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051623\
 Data File : VY013752.D
 Acq On : 16 May 2023 12:21
 Operator : KP/MD
 Sample : VY0516SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0516SBS01

Quant Time: May 17 07:43:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	193116	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	294952	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	267697	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	142215	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	120387	56.867	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.740%
35) Dibromofluoromethane	7.716	113	109477	59.014	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.020%
50) Toluene-d8	10.179	98	356536	54.026	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.060%
62) 4-Bromofluorobenzene	12.483	95	138920	62.441	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	124.880%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	42340	23.062	ug/l	90
3) Chloromethane	2.113	50	58586	23.806	ug/l	97
4) Vinyl Chloride	2.253	62	57641	23.524	ug/l	100
5) Bromomethane	2.650	94	51341	26.293	ug/l	98
6) Chloroethane	2.790	64	40224	23.762	ug/l	97
7) Trichlorofluoromethane	3.125	101	95687	25.778	ug/l	100
8) Diethyl Ether	3.527	74	29595	23.413	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.899	101	53033	25.471	ug/l	95
10) Methyl Iodide	4.088	142	52196	19.959	ug/l	97
11) Tert butyl alcohol	4.966	59	27818	117.012	ug/l #	97
12) 1,1-Dichloroethene	3.869	96	48152	23.992	ug/l	90
13) Acrolein	3.735	56	18038	91.920	ug/l	93
14) Allyl chloride	4.478	41	91835	24.660	ug/l	97
15) Acrylonitrile	5.155	53	86632	122.375	ug/l	99
16) Acetone	3.954	43	95498	114.549	ug/l #	88
17) Carbon Disulfide	4.192	76	139952	21.467	ug/l	97
18) Methyl Acetate	4.478	43	70023	25.431	ug/l	91
19) Methyl tert-butyl Ether	5.216	73	138782	23.952	ug/l	98
20) Methylene Chloride	4.710	84	72659	23.539	ug/l	87
21) trans-1,2-Dichloroethene	5.216	96	52898	24.106	ug/l	97
22) Diisopropyl ether	6.118	45	189230	25.997	ug/l	94
23) Vinyl Acetate	6.057	43	553852	134.388	ug/l	97
24) 1,1-Dichloroethane	6.015	63	104903	25.859	ug/l	97
25) 2-Butanone	6.990	43	124653	117.898	ug/l	93
26) 2,2-Dichloropropane	6.984	77	90749	25.960	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	61370	25.312	ug/l	95
28) Bromochloromethane	7.332	49	37470	26.028	ug/l #	77
29) Tetrahydrofuran	7.350	42	76141	115.690	ug/l	91
30) Chloroform	7.508	83	107947	26.763	ug/l	96
31) Cyclohexane	7.783	56	88041	23.228	ug/l	90
32) 1,1,1-Trichloroethane	7.703	97	93965	26.107	ug/l	96
36) 1,1-Dichloropropene	7.917	75	78576	25.521	ug/l	96
37) Ethyl Acetate	7.069	43	55132	23.795	ug/l	95
38) Carbon Tetrachloride	7.899	117	83341	25.826	ug/l	93
39) Methylcyclohexane	9.185	83	86772	23.907	ug/l	94
40) Benzene	8.161	78	224381	25.872	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	74863	69.339	ug/l #	33
42) 1,2-Dichloroethane	8.234	62	73269	25.841	ug/l	99
43) Isopropyl Acetate	8.270	43	94863	24.257	ug/l	97
44) Trichloroethene	8.941	130	58695	25.443	ug/l	99
45) 1,2-Dichloropropane	9.215	63	59610	26.288	ug/l	98
46) Dibromomethane	9.301	93	34209	25.213	ug/l	97
47) Bromodichloromethane	9.496	83	81705	26.912	ug/l	98
48) Methyl methacrylate	9.295	41	42014	23.392	ug/l	96
49) 1,4-Dioxane	9.313	88	8533	440.350	ug/l #	81
51) 4-Methyl-2-Pentanone	10.069	43	267885	122.927	ug/l	96
52) Toluene	10.246	92	136574	26.169	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	82065	25.541	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	92525	25.591	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	47504	26.438	ug/l	97
56) Ethyl methacrylate	10.508	69	62348	25.012	ug/l	90
57) 1,3-Dichloropropane	10.788	76	80514	26.459	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	118826	127.121	ug/l	92
59) 2-Hexanone	10.831	43	195853	123.635	ug/l	95
60) Dibromochloromethane	10.983	129	57687	26.441	ug/l	98
61) 1,2-Dibromoethane	11.087	107	44557	25.223	ug/l	99
64) Tetrachloroethene	10.721	164	49523	24.329	ug/l	98
65) Chlorobenzene	11.514	112	146619	25.143	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	56946	26.111	ug/l	99
67) Ethyl Benzene	11.593	91	256968	25.094	ug/l	98
68) m/p-Xylenes	11.703	106	197983	50.859	ug/l	97
69) o-Xylene	12.032	106	91884	24.958	ug/l	94
70) Styrene	12.044	104	160280	26.037	ug/l	99
71) Bromoform	12.209	173	38090	24.934	ug/l #	99
73) Isopropylbenzene	12.331	105	251774	23.406	ug/l	98
74) N-amyl acetate	12.142	43	84060	21.960	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	59332	22.566	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	75829	39.537	ug/l #	100
77) Bromobenzene	12.611	156	62512	23.984	ug/l	94
78) n-propylbenzene	12.672	91	313653	23.673	ug/l	97
79) 2-Chlorotoluene	12.757	91	175431	23.711	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	208939	23.798	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	20674	22.050	ug/l	98
82) 4-Chlorotoluene	12.855	91	183893	23.846	ug/l	97
83) tert-Butylbenzene	13.074	119	181417	23.851	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	206362	24.176	ug/l	99
85) sec-Butylbenzene	13.251	105	275333	24.119	ug/l	98
86) p-Isopropyltoluene	13.367	119	225591	24.574	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	122105	24.590	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	121820	24.286	ug/l	99
89) n-Butylbenzene	13.696	91	218190	24.352	ug/l	96
90) Hexachloroethane	13.958	117	46474	24.054	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	109527	24.426	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10384	22.363	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	67368	25.199	ug/l	97
94) Hexachlorobutadiene	15.111	225	42416	27.262	ug/l	99
95) Naphthalene	15.233	128	130859	22.560	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	61720	25.902	ug/l	100

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Tue Apr 25 02:39:58 2023
Response via : Initial Calibration

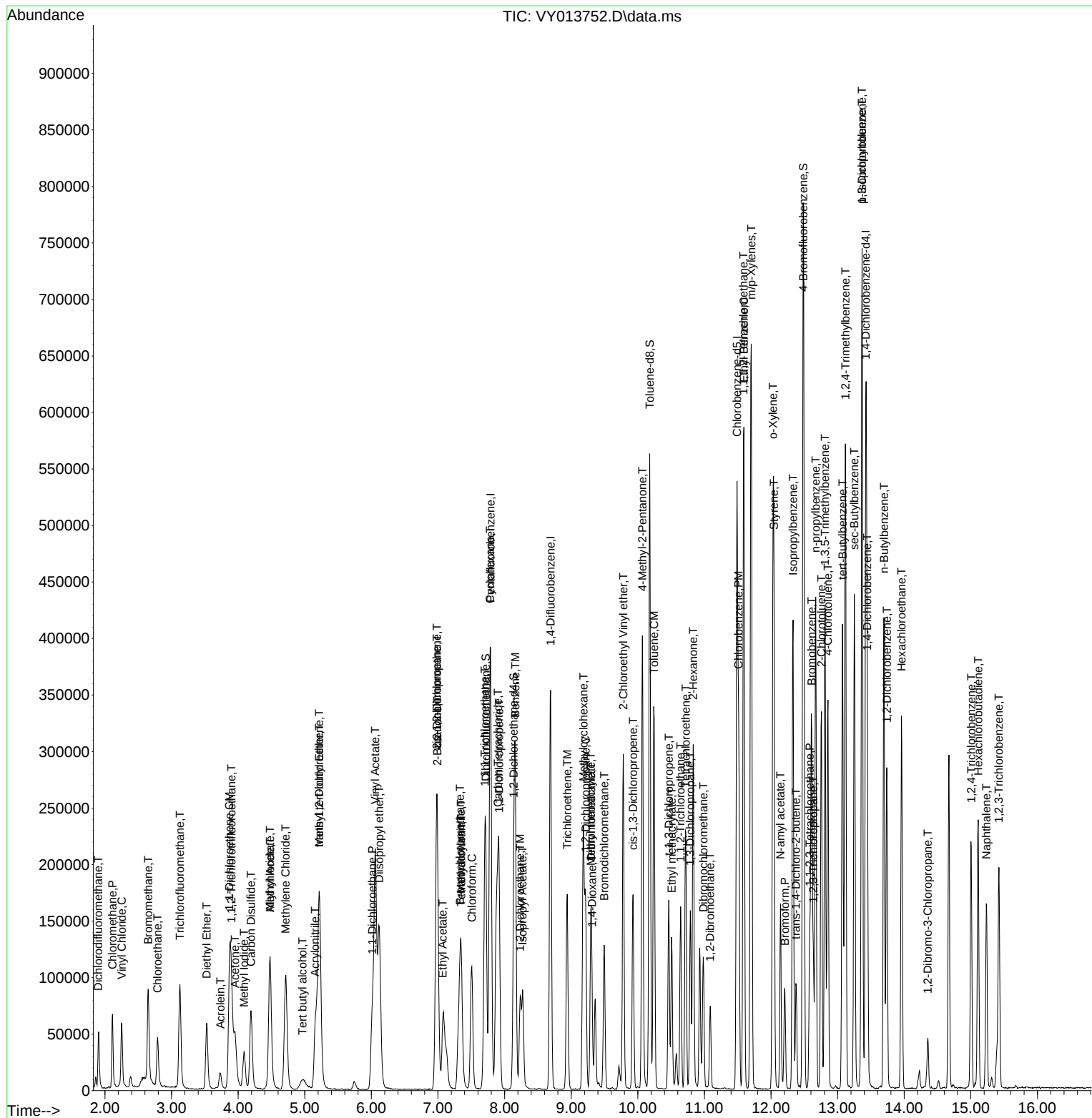
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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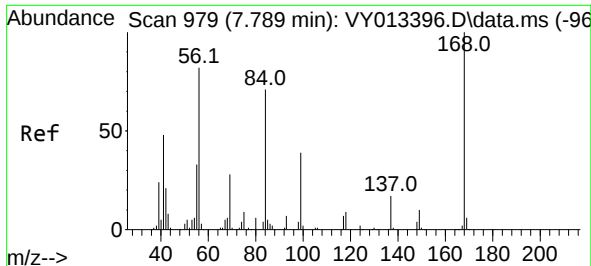
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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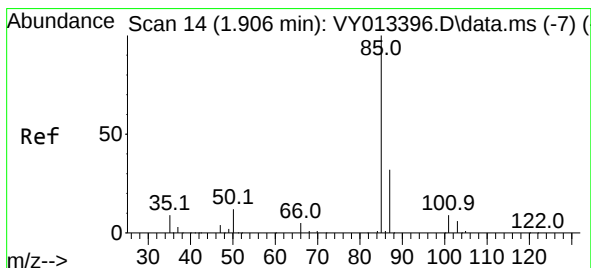
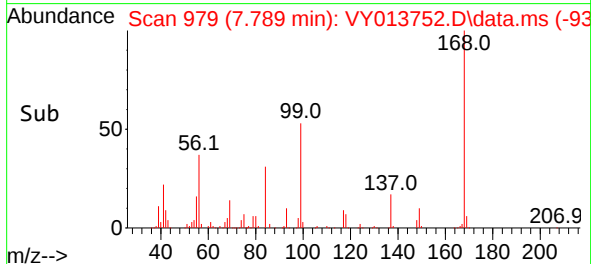
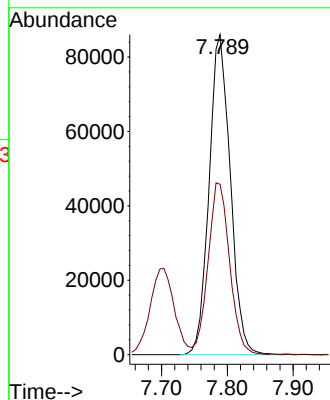
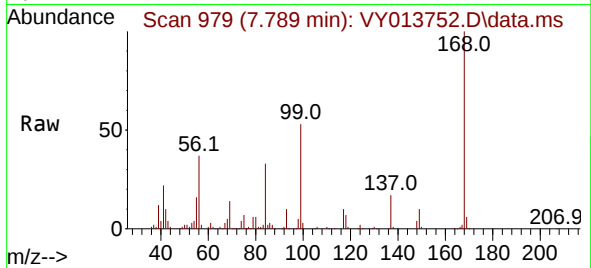




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013752.D
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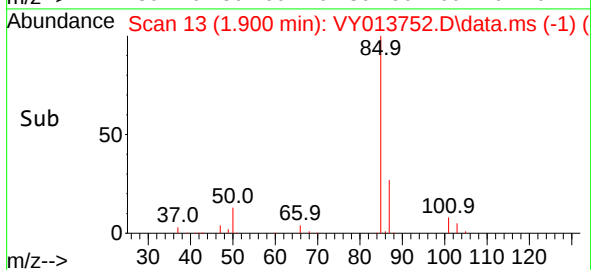
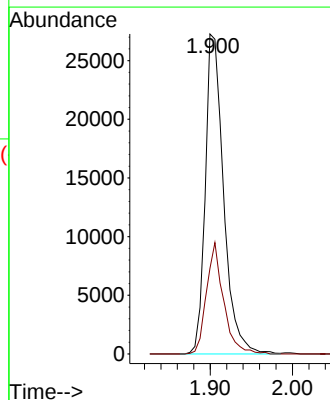
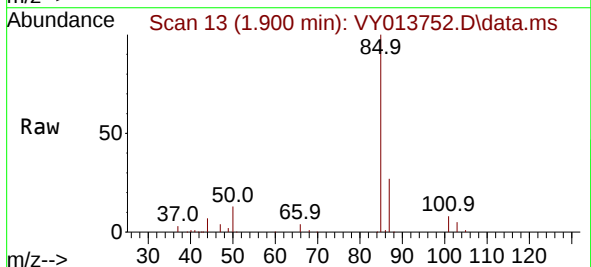
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

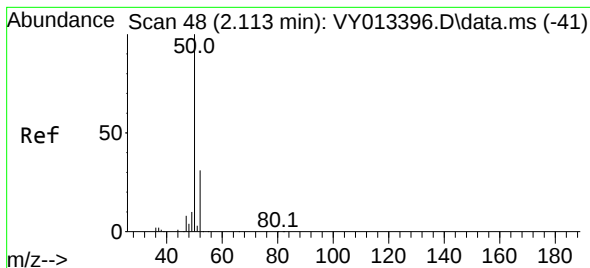
Tgt Ion:168 Resp: 193116
Ion Ratio Lower Upper
168 100
99 53.2 41.8 62.6



#2
Dichlorodifluoromethane
Concen: 23.062 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY013752.D
Acq: 16 May 2023 12:21

Tgt Ion: 85 Resp: 42340
Ion Ratio Lower Upper
85 100
87 26.7 16.1 48.2





#3

Chloromethane

Concen: 23.806 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY013752.D

Acq: 16 May 2023 12:21

Instrument :

MSVOA_Y

ClientSampleId :

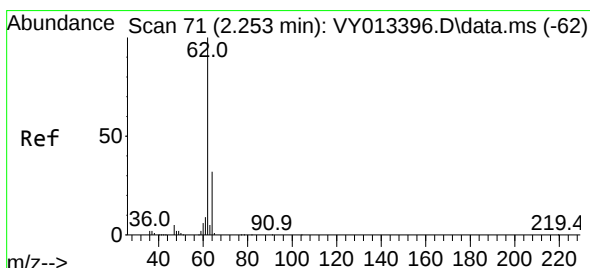
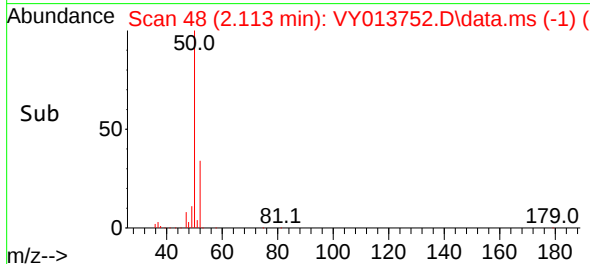
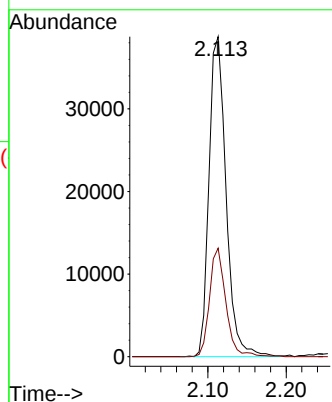
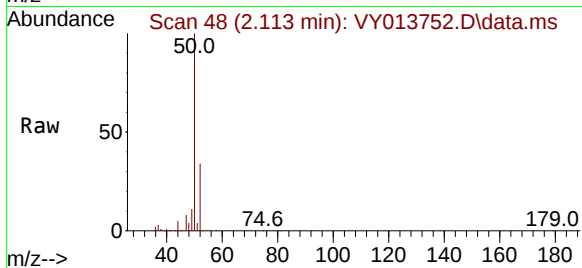
VY0516SBS01

Tgt Ion: 50 Resp: 58586

Ion Ratio Lower Upper

50 100

52 33.9 25.9 38.9



#4

Vinyl Chloride

Concen: 23.524 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY013752.D

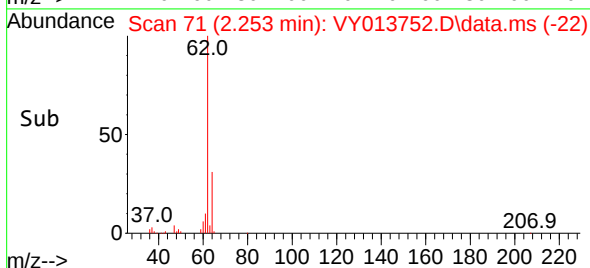
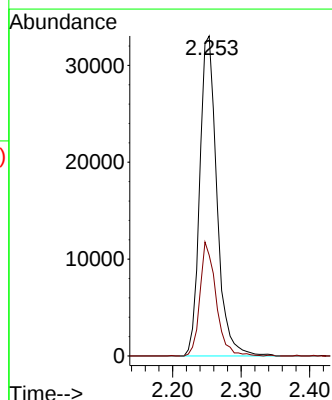
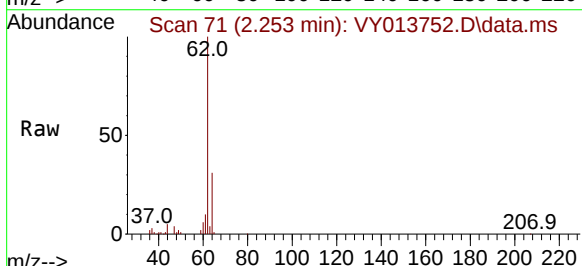
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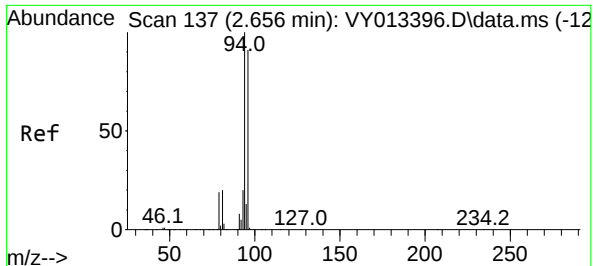
Tgt Ion: 62 Resp: 57641

Ion Ratio Lower Upper

62 100

64 31.5 25.4 38.0

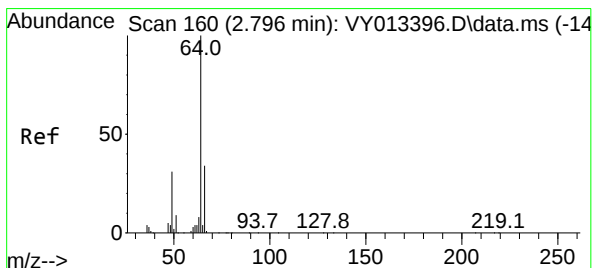
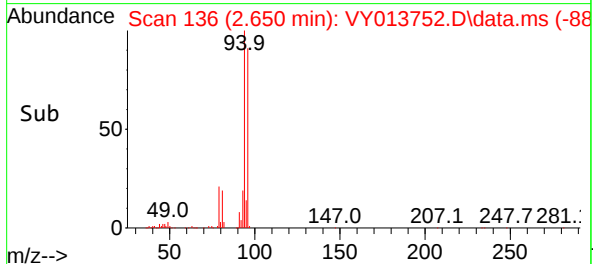
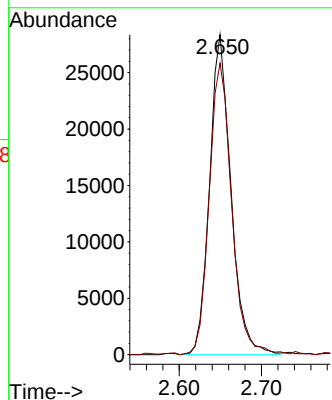
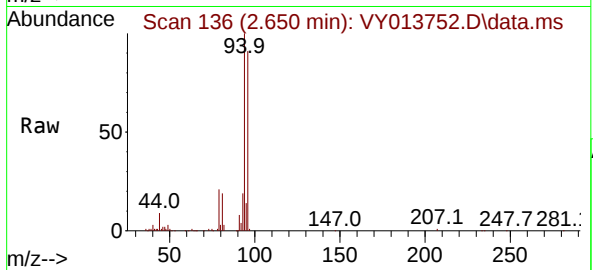




#5
Bromomethane
Concen: 26.293 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013752.D
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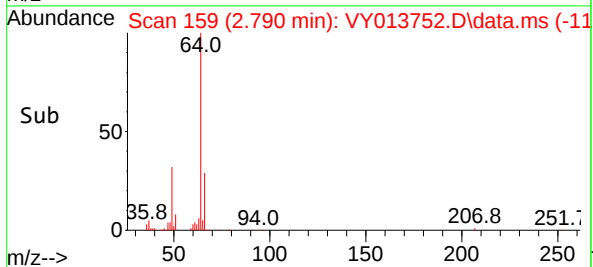
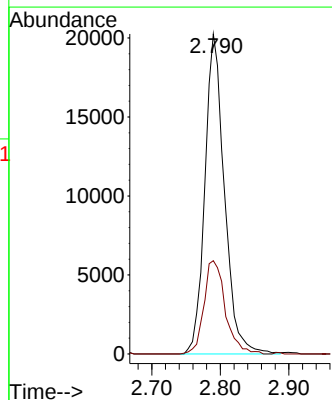
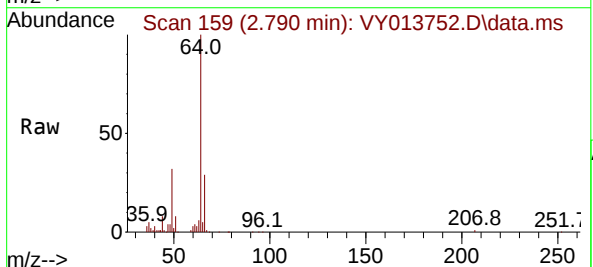
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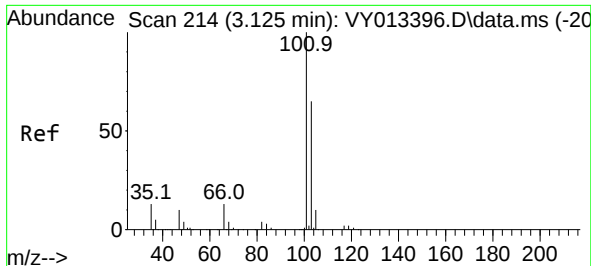
Tgt Ion: 94 Resp: 51341
Ion Ratio Lower Upper
94 100
96 91.1 74.2 111.2



#6
Chloroethane
Concen: 23.762 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY013752.D
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Tgt Ion: 64 Resp: 40224
Ion Ratio Lower Upper
64 100
66 29.2 24.6 37.0

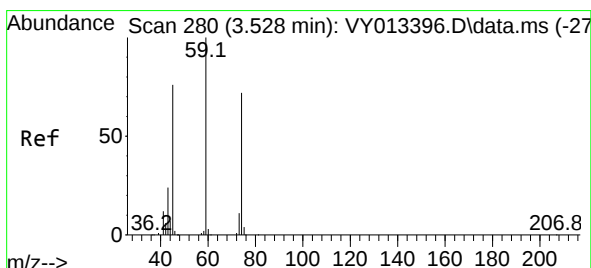
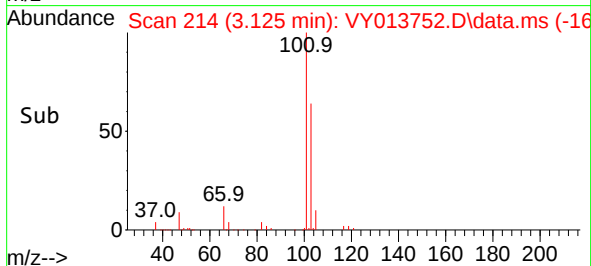
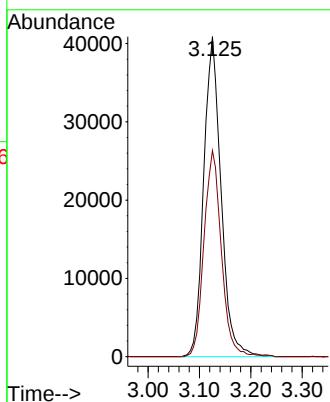
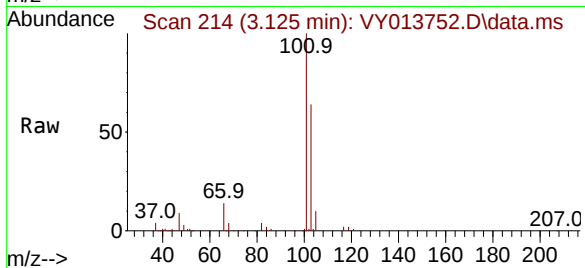




#7
 Trichlorofluoromethane
 Concen: 25.778 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY013752.D
 Acq: 16 May 2023 12:21

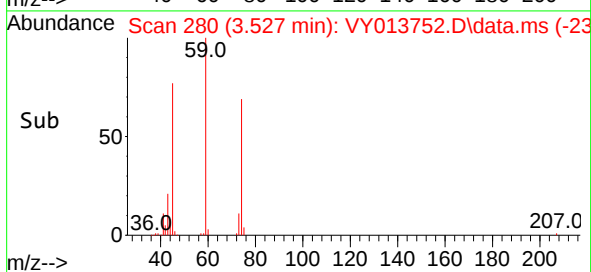
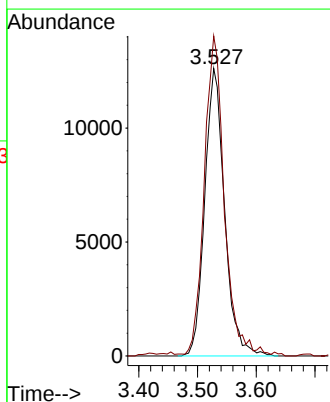
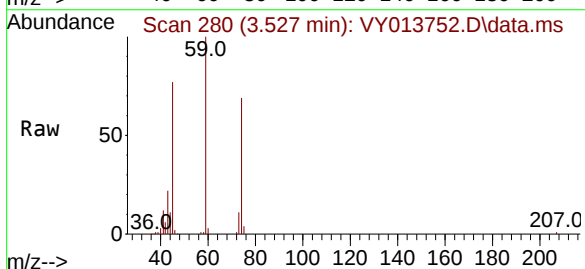
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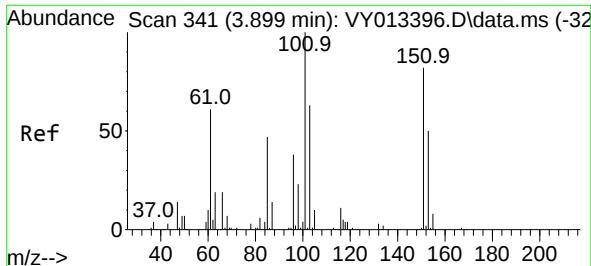
Tgt Ion:101 Resp: 95687
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.6 77.4



#8
 Diethyl Ether
 Concen: 23.413 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 29595
 Ion Ratio Lower Upper
 74 100
 45 109.7 48.2 144.6

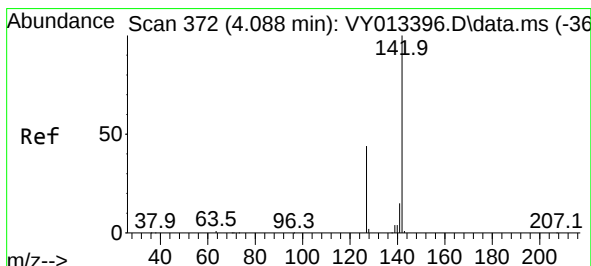
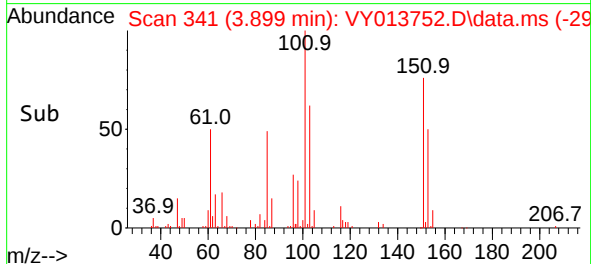
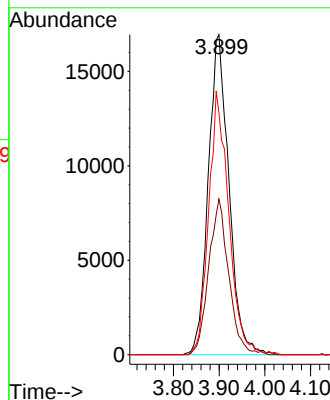
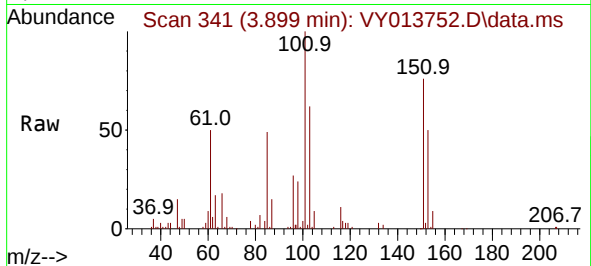




#9
1,1,2-Trichlorotrifluoroethane
Concen: 25.471 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY013752.D
Acq: 16 May 2023 12:21

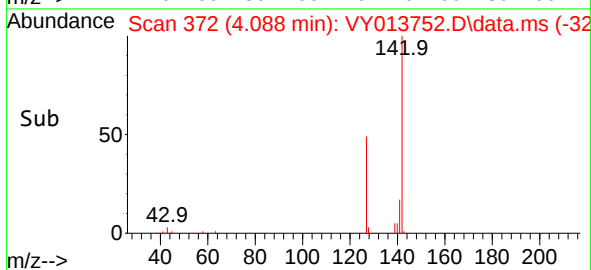
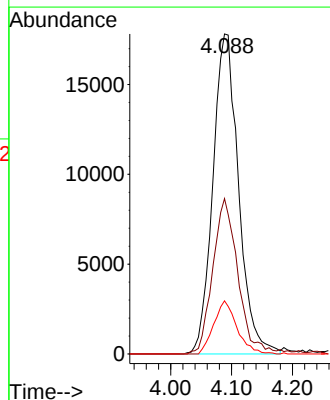
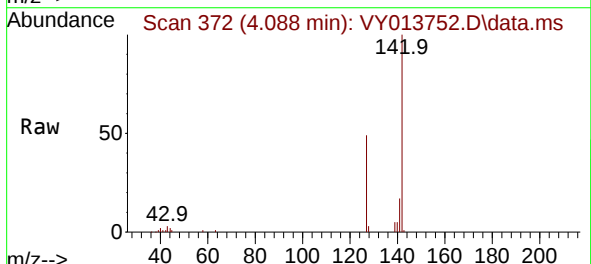
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

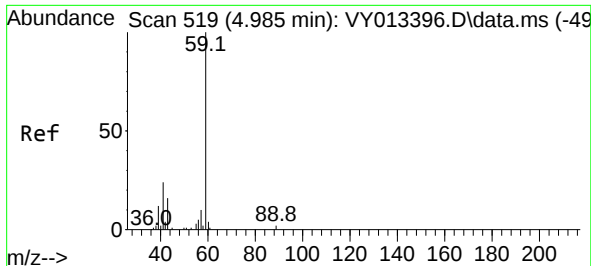
Tgt Ion:101 Resp: 53033
Ion Ratio Lower Upper
101 100
85 47.2 35.6 53.4
151 80.0 68.0 102.0



#10
Methyl Iodide
Concen: 19.959 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY013752.D
Acq: 16 May 2023 12:21

Tgt Ion:142 Resp: 52196
Ion Ratio Lower Upper
142 100
127 47.7 36.1 54.1
141 15.0 11.6 17.4

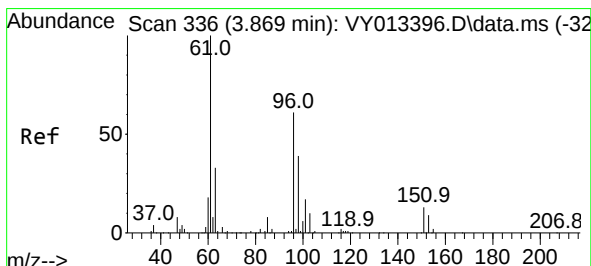
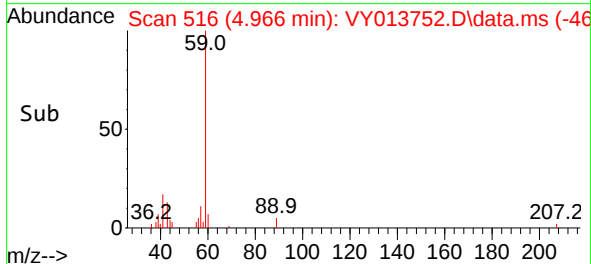
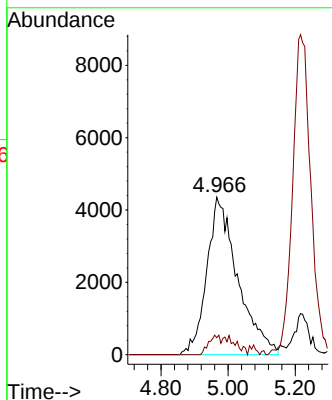
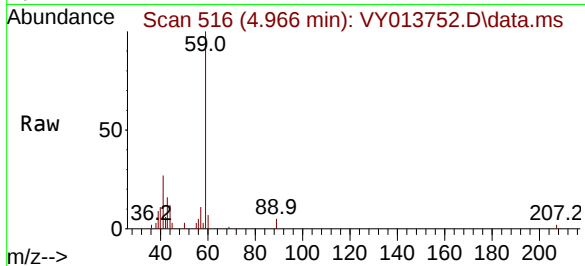




#11
Tert butyl alcohol
Concen: 117.012 ug/l
RT: 4.966 min Scan# 519
Delta R.T. -0.012 min
Lab File: VY013752.D
Acq: 16 May 2023 12:21

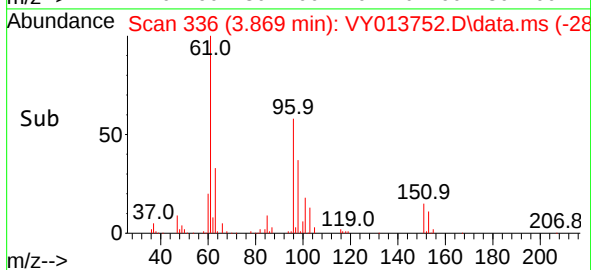
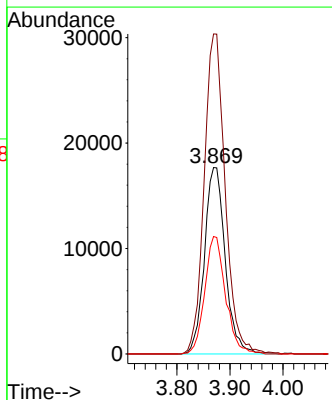
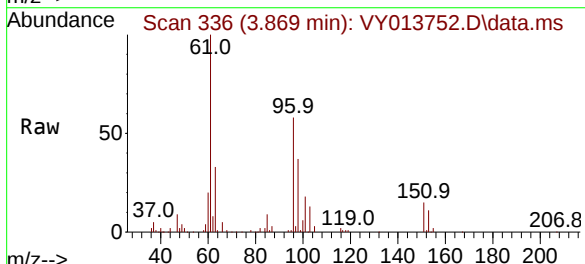
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

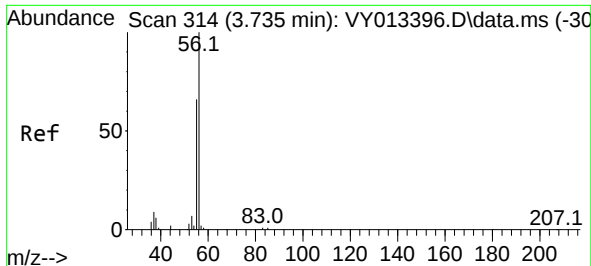
Tgt Ion: 59 Resp: 27818
Ion Ratio Lower Upper
59 100
57 4.6 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 23.992 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.000 min
Lab File: VY013752.D
Acq: 16 May 2023 12:21

Tgt Ion: 96 Resp: 48152
Ion Ratio Lower Upper
96 100
61 171.6 123.9 185.9
98 63.0 48.9 73.3





#13

Acrolein

Concen: 91.920 ug/l

RT: 3.735 min Scan# 314

Delta R.T. 0.006 min

Lab File: VY013752.D

Acq: 16 May 2023 12:21

Instrument :

MSVOA_Y

ClientSampleId :

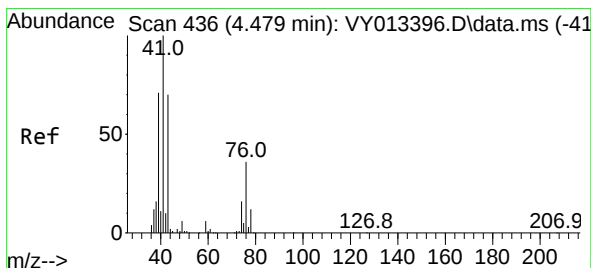
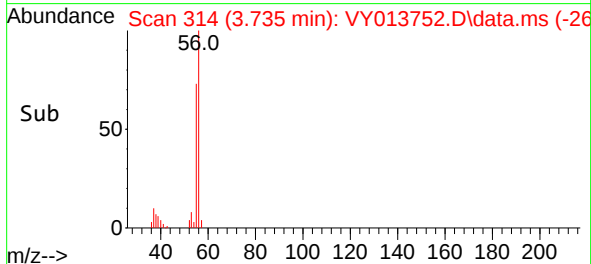
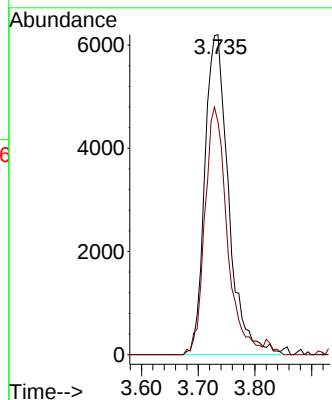
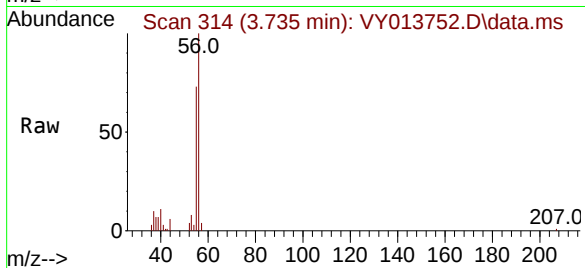
VY0516SBS01

Tgt Ion: 56 Resp: 18038

Ion Ratio Lower Upper

56 100

55 73.1 54.1 81.1



#14

Allyl chloride

Concen: 24.660 ug/l

RT: 4.478 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY013752.D

Acq: 16 May 2023 12:21

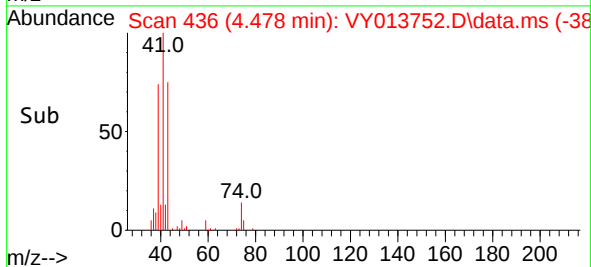
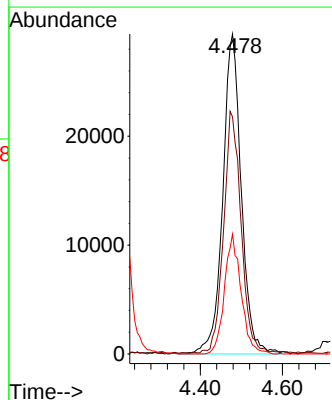
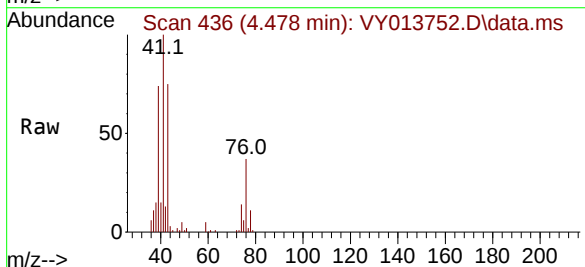
Tgt Ion: 41 Resp: 91835

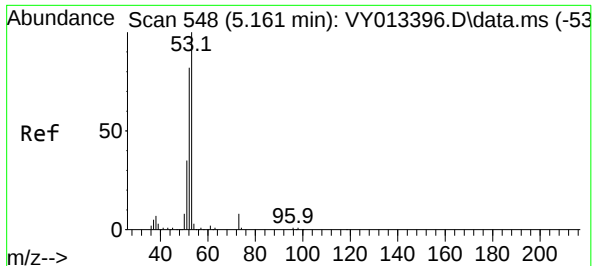
Ion Ratio Lower Upper

41 100

39 71.6 56.6 85.0

76 33.6 30.5 45.7

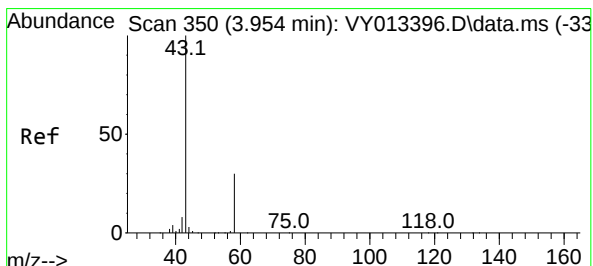
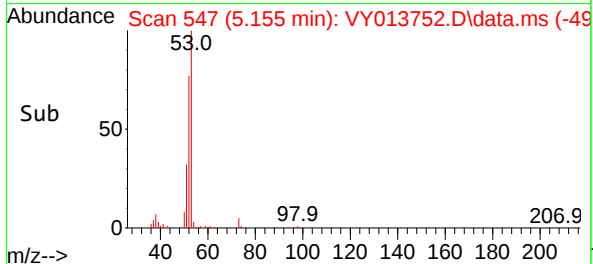
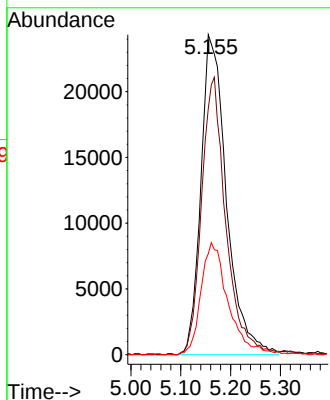
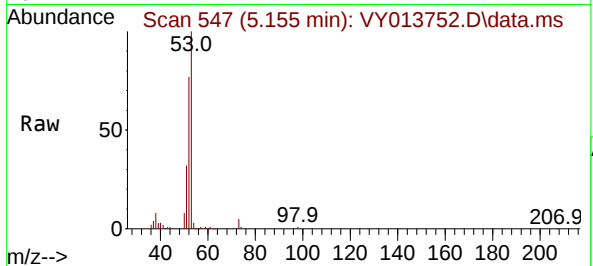




#15
Acrylonitrile
Concen: 122.375 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY013752.D
Acq: 16 May 2023 12:21

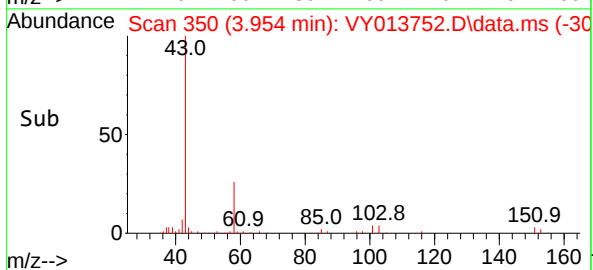
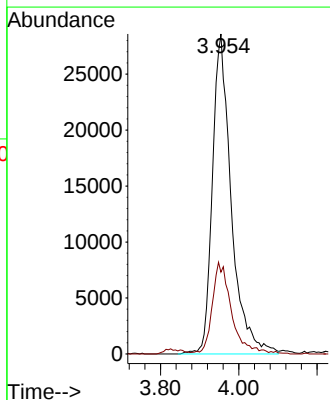
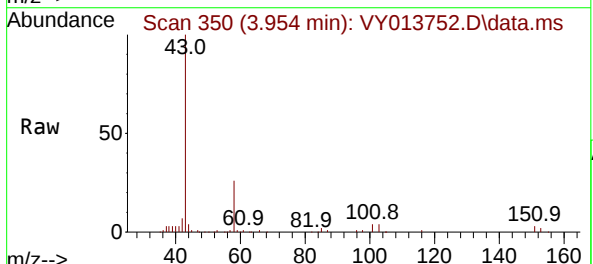
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

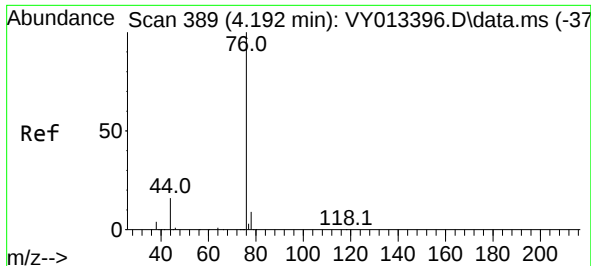
Tgt Ion: 53 Resp: 86632
Ion Ratio Lower Upper
53 100
52 82.1 65.4 98.0
51 37.2 29.3 43.9



#16
Acetone
Concen: 114.549 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013752.D
Acq: 16 May 2023 12:21

Tgt Ion: 43 Resp: 95498
Ion Ratio Lower Upper
43 100
58 25.2 25.4 38.0#

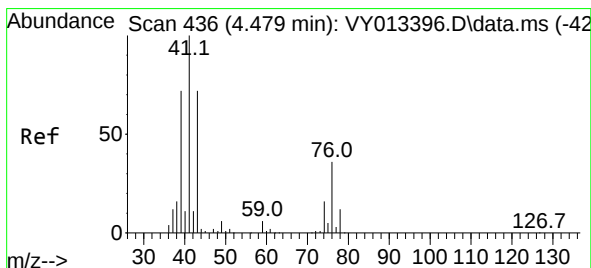
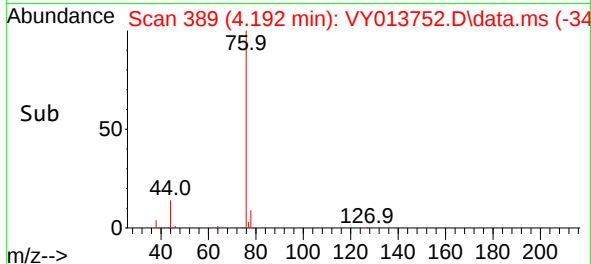
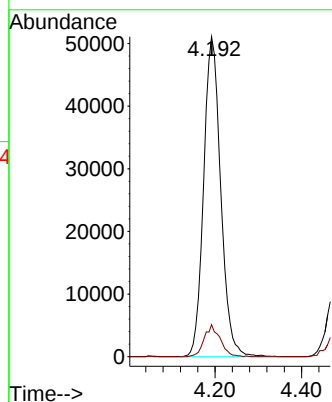
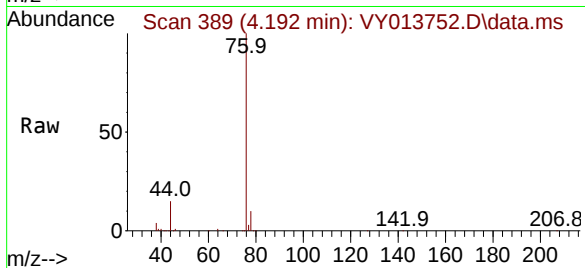




#17
Carbon Disulfide
Concen: 21.467 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY013752.D
Acq: 16 May 2023 12:21

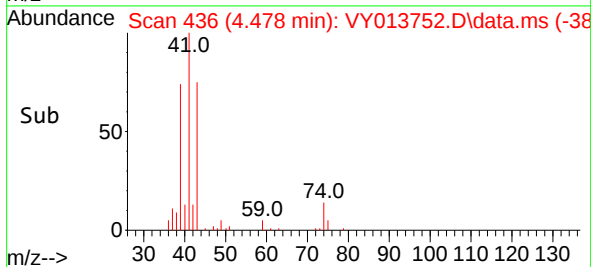
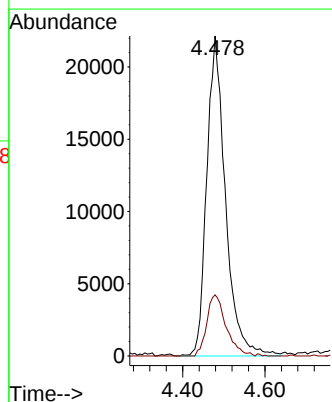
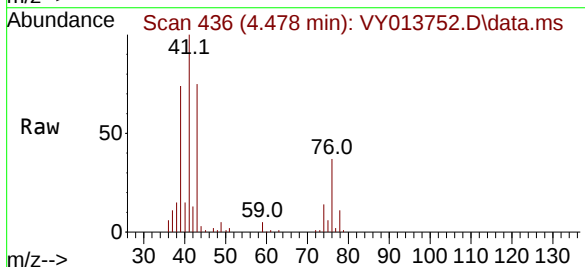
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

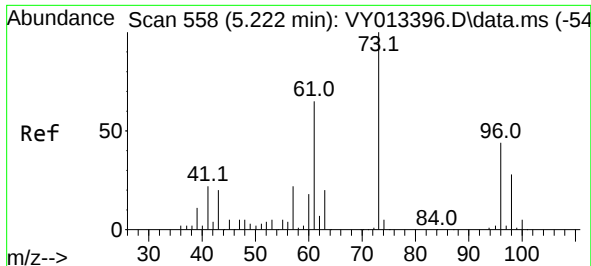
Tgt Ion: 76 Resp: 139952
Ion Ratio Lower Upper
76 100
78 10.0 7.2 10.8



#18
Methyl Acetate
Concen: 25.431 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY013752.D
Acq: 16 May 2023 12:21

Tgt Ion: 43 Resp: 70023
Ion Ratio Lower Upper
43 100
74 19.7 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 23.952 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY013752.D

Acq: 16 May 2023 12:21

Instrument :

MSVOA_Y

ClientSampleId :

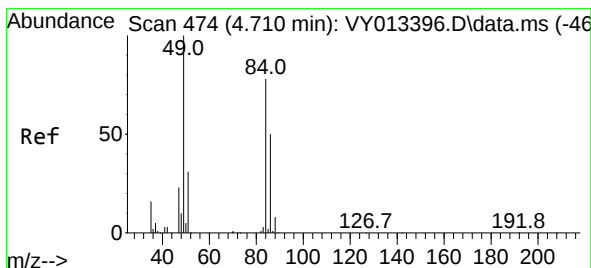
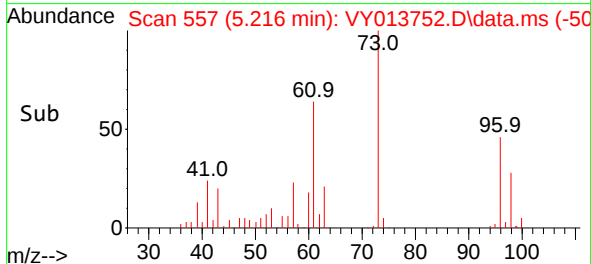
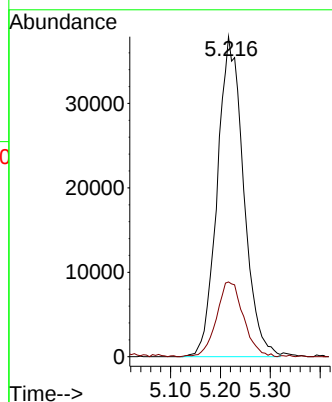
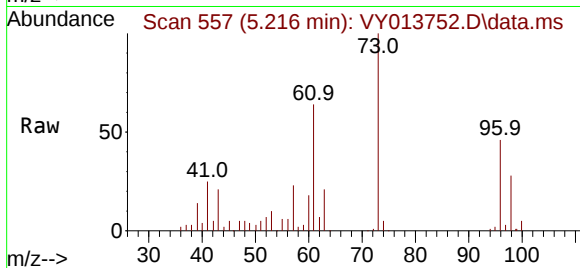
VY0516SBS01

Tgt Ion: 73 Resp: 138782

Ion Ratio Lower Upper

73 100

57 23.3 17.8 26.8



#20

Methylene Chloride

Concen: 23.539 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY013752.D

Acq: 16 May 2023 12:21

Tgt Ion: 84 Resp: 72659

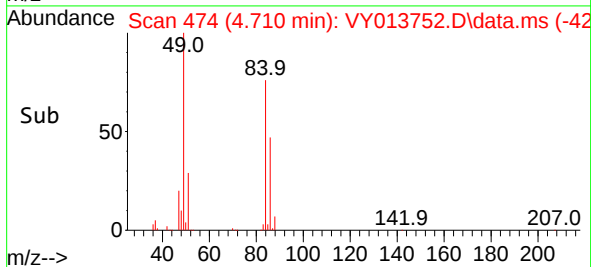
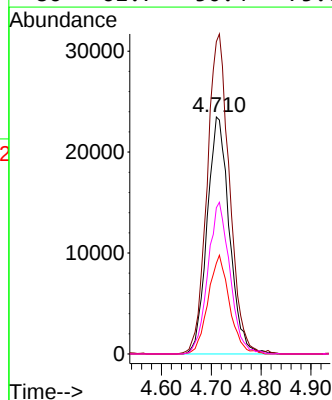
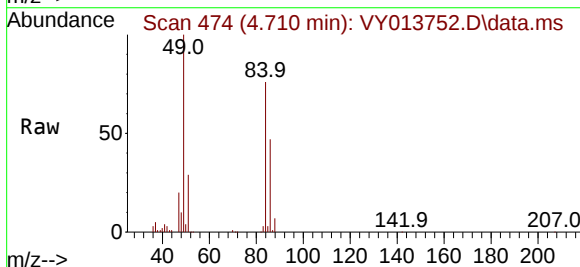
Ion Ratio Lower Upper

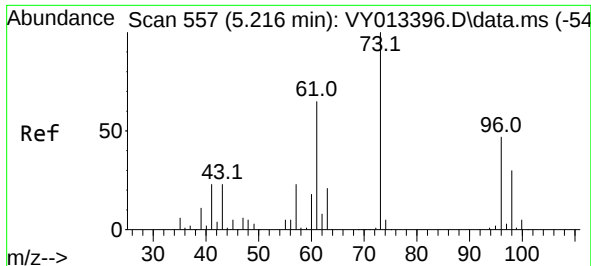
84 100

49 131.8 88.0 132.0

51 38.3 27.4 41.0

86 61.7 50.4 75.6

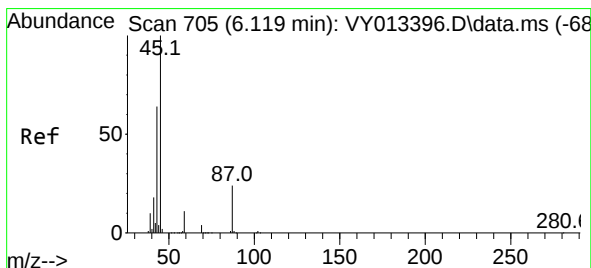
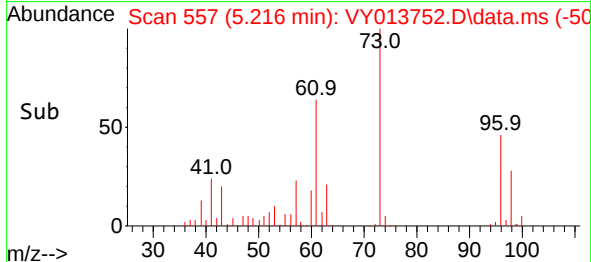
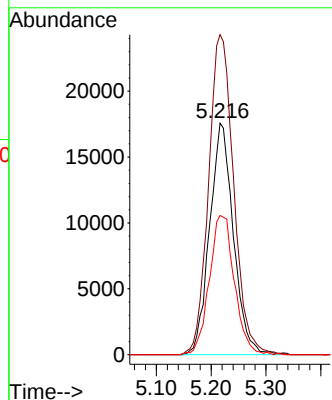
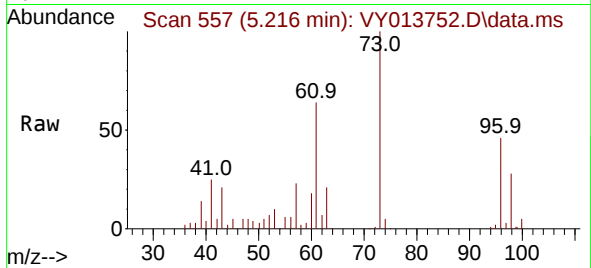




#21
trans-1,2-Dichloroethene
Concen: 24.106 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013752.D
Acq: 16 May 2023 12:21

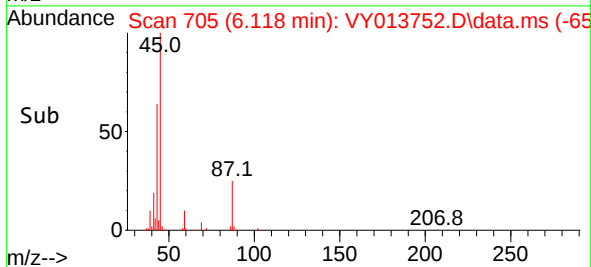
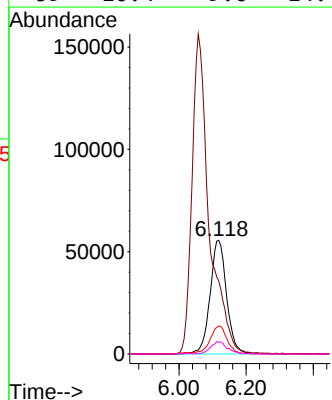
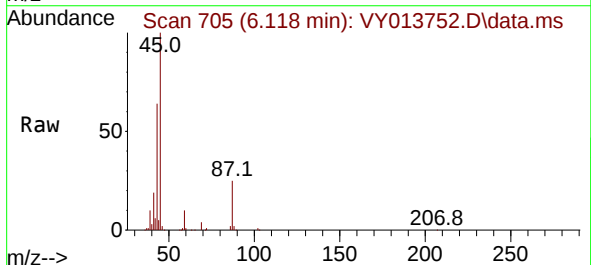
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

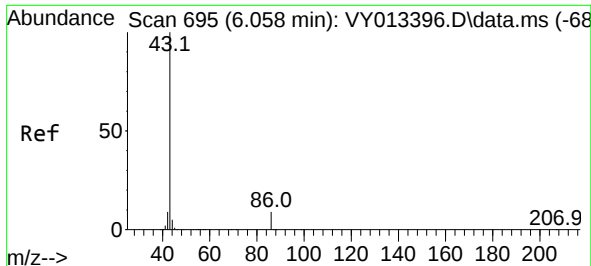
Tgt Ion: 96 Resp: 52898
Ion Ratio Lower Upper
96 100
61 138.3 110.6 165.8
98 60.1 53.1 79.7



#22
Diisopropyl ether
Concen: 25.997 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY013752.D
Acq: 16 May 2023 12:21

Tgt Ion: 45 Resp: 189230
Ion Ratio Lower Upper
45 100
43 63.9 48.4 72.6
87 24.6 23.8 35.6
59 10.4 9.6 14.4

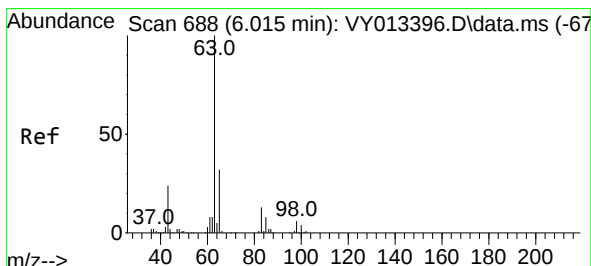
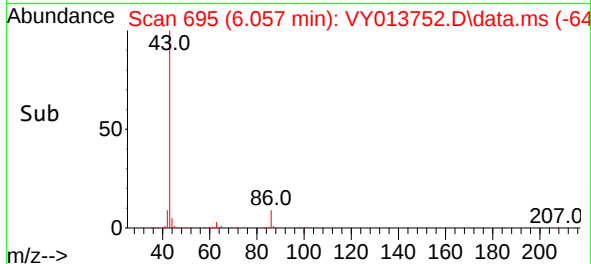
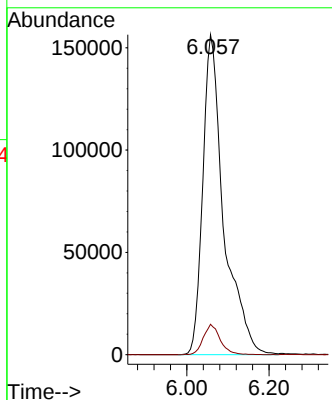
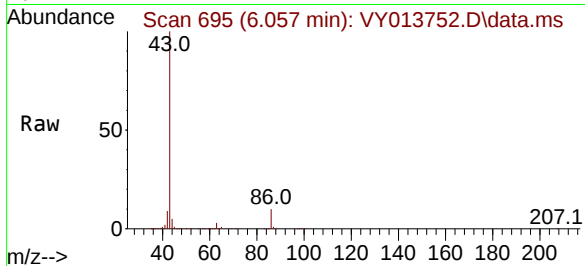




#23
 Vinyl Acetate
 Concen: 134.388 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY013752.D
 Acq: 16 May 2023 12:21

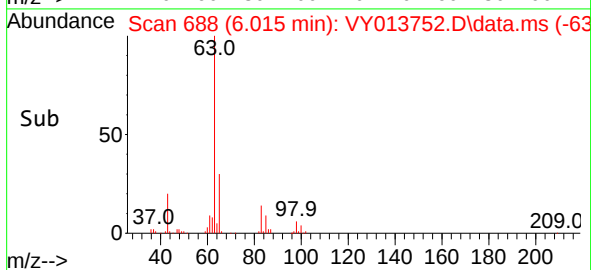
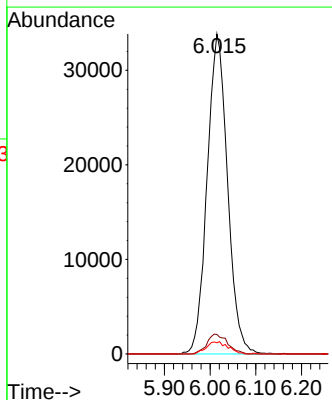
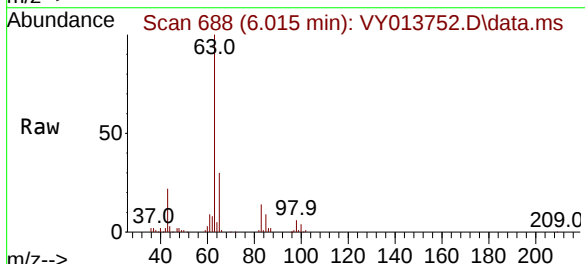
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0516SBS01

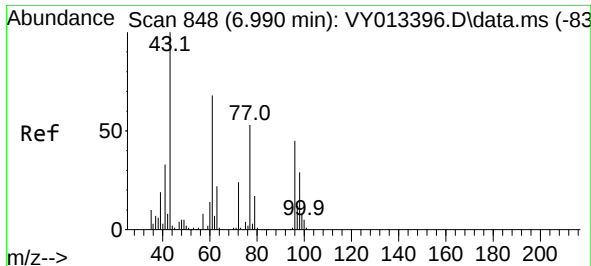
Tgt Ion: 43 Resp: 553852
 Ion Ratio Lower Upper
 43 100
 86 9.5 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 25.859 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY013752.D
 Acq: 16 May 2023 12:21

Tgt Ion: 63 Resp: 104903
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.5 10.6
 100 3.5 2.2 6.6

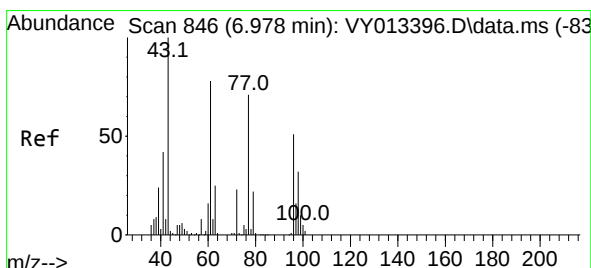
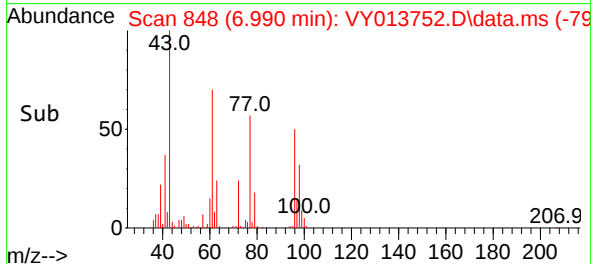
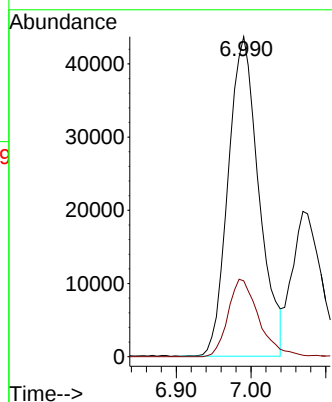
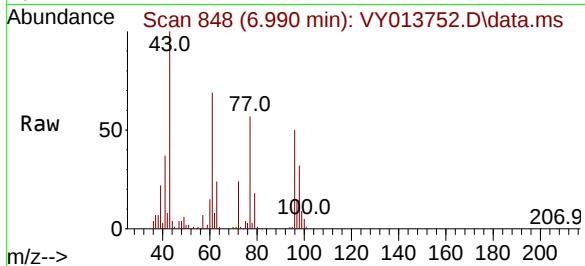




#25
2-Butanone
Concen: 117.898 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY013752.D
Acq: 16 May 2023 12:21

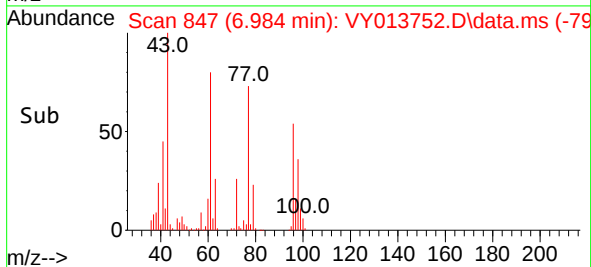
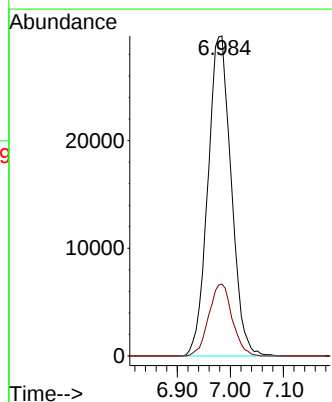
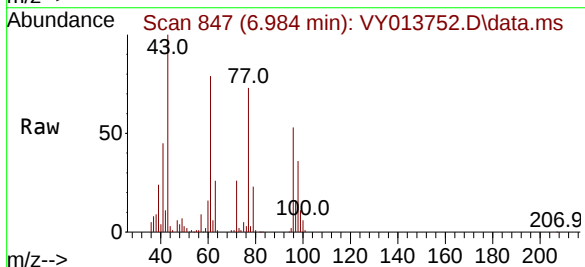
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

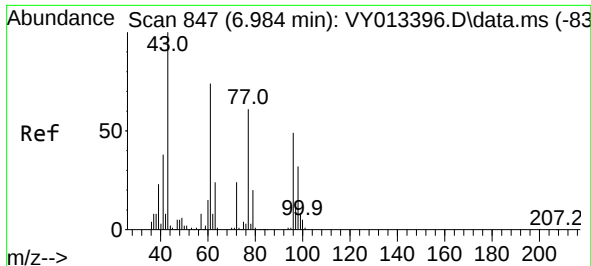
Tgt Ion: 43 Resp: 124653
Ion Ratio Lower Upper
43 100
72 23.7 21.9 32.9



#26
2,2-Dichloropropane
Concen: 25.960 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY013752.D
Acq: 16 May 2023 12:21

Tgt Ion: 77 Resp: 90749
Ion Ratio Lower Upper
77 100
97 22.5 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 25.312 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013752.D

Acq: 16 May 2023 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS01

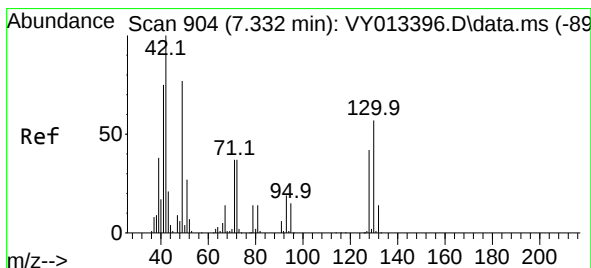
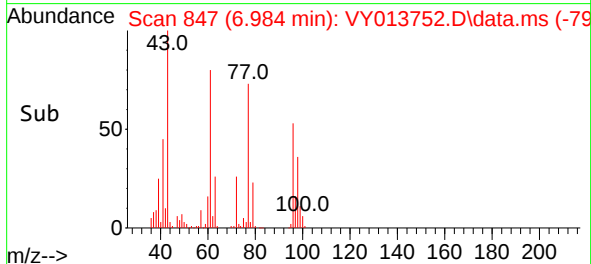
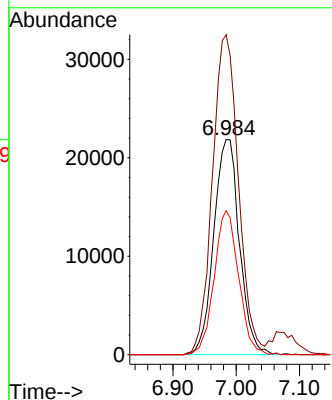
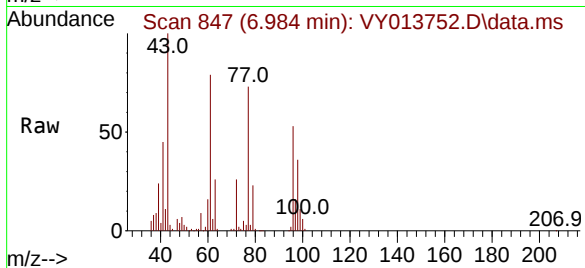
Tgt Ion: 96 Resp: 61370

Ion Ratio Lower Upper

96 100

61 151.0 0.0 285.0

98 64.0 0.0 130.6



#28

Bromochloromethane

Concen: 26.028 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY013752.D

Acq: 16 May 2023 12:21

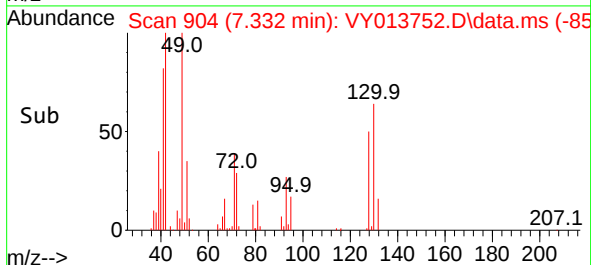
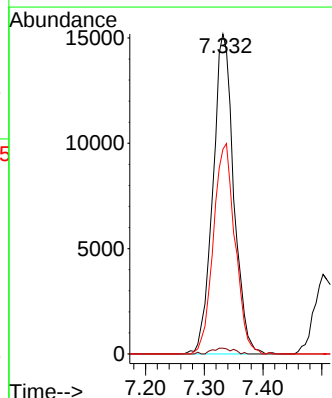
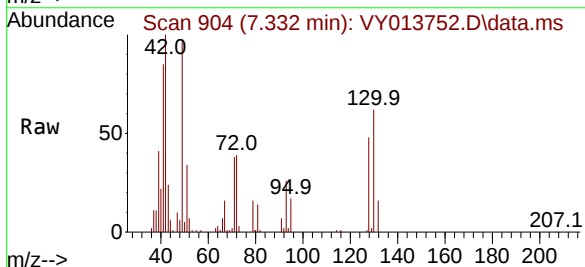
Tgt Ion: 49 Resp: 37470

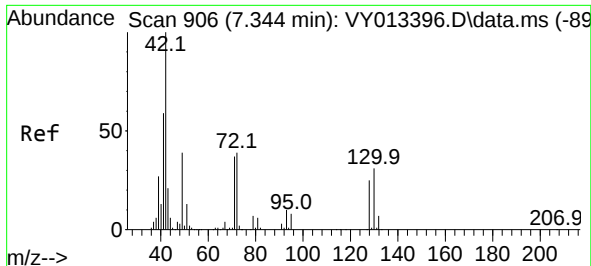
Ion Ratio Lower Upper

49 100

129 1.8 0.0 5.2

130 68.3 72.1 108.1#





#29

Tetrahydrofuran

Concen: 115.690 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY013752.D

Acq: 16 May 2023 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS01

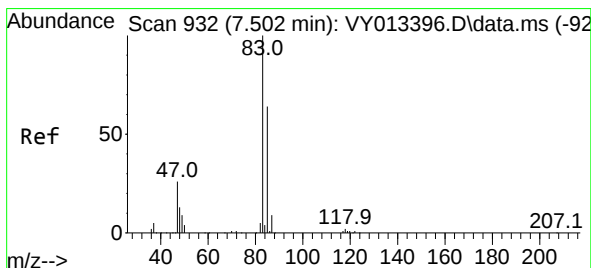
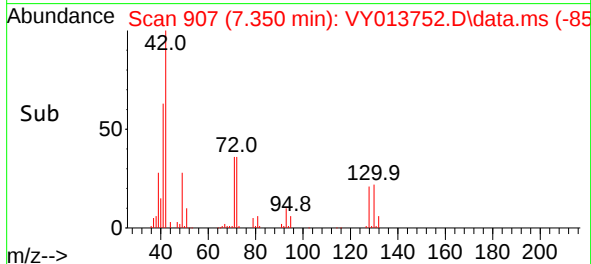
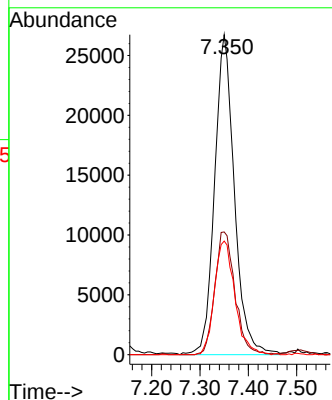
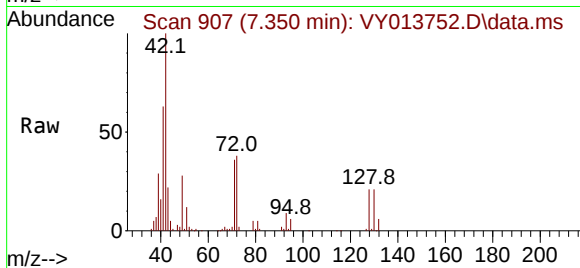
Tgt Ion: 42 Resp: 76141

Ion Ratio Lower Upper

42 100

72 39.0 35.9 53.9

71 36.7 34.3 51.5



#30

Chloroform

Concen: 26.763 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.006 min

Lab File: VY013752.D

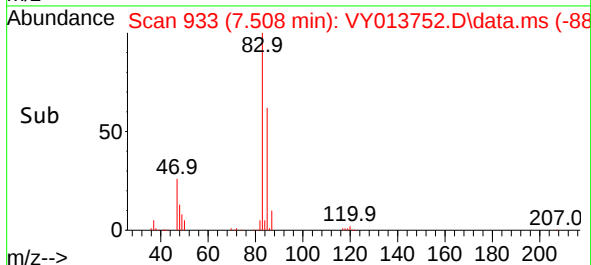
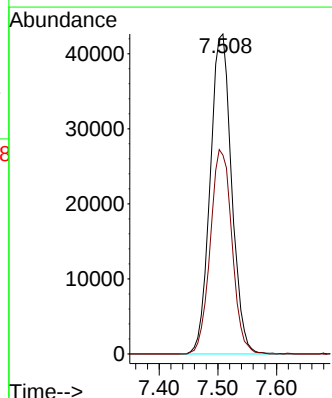
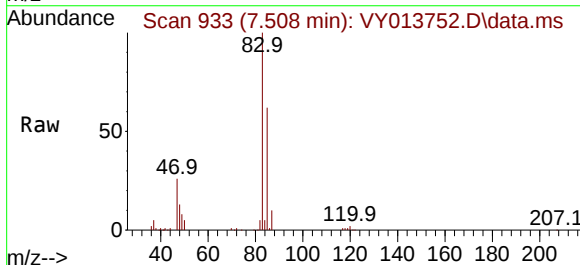
Acq: 16 May 2023 12:21

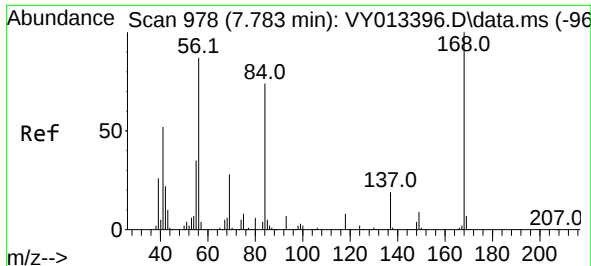
Tgt Ion: 83 Resp: 107947

Ion Ratio Lower Upper

83 100

85 62.2 52.0 78.0

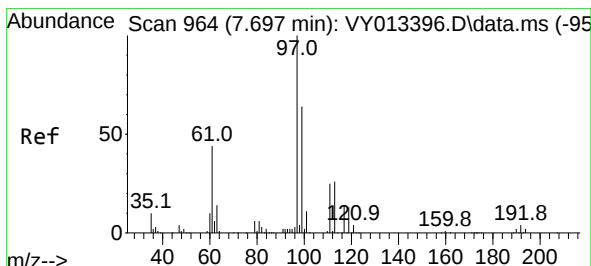
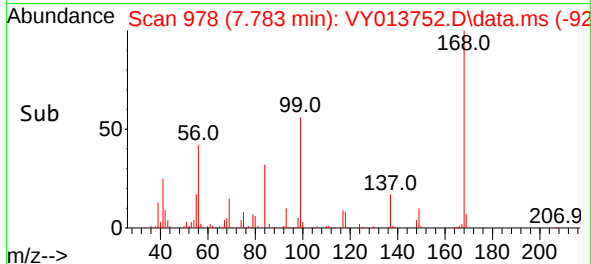
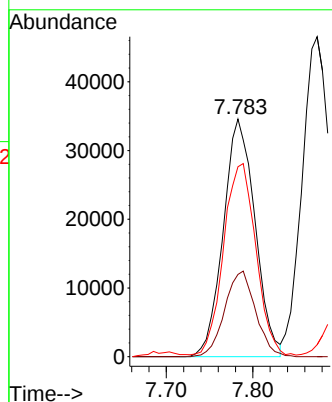
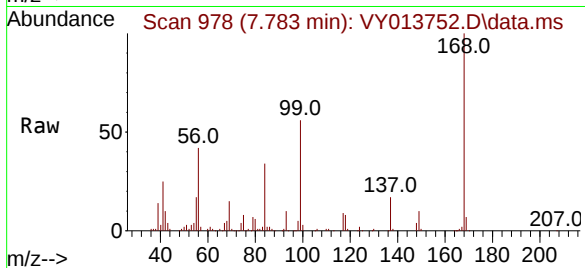




#31
Cyclohexane
Concen: 23.228 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013752.D
Acq: 16 May 2023 12:21

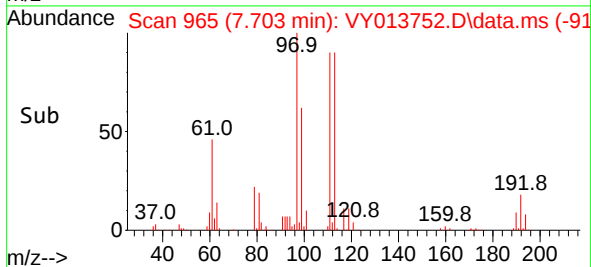
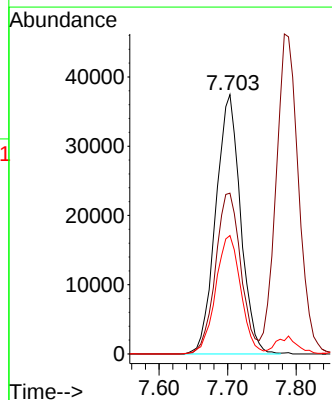
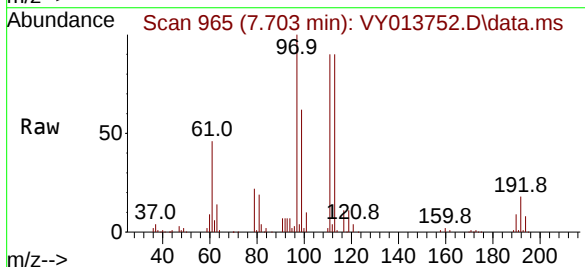
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

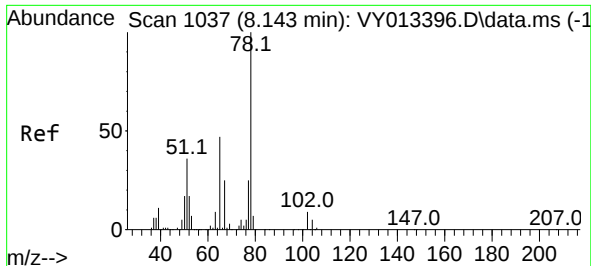
Tgt Ion: 56 Resp: 88041
Ion Ratio Lower Upper
56 100
69 34.6 29.2 43.8
84 79.0 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 26.107 ug/l
RT: 7.703 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY013752.D
Acq: 16 May 2023 12:21

Tgt Ion: 97 Resp: 93965
Ion Ratio Lower Upper
97 100
99 63.9 52.2 78.2
61 46.5 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 56.867 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY013752.D

Acq: 16 May 2023 12:21

Instrument :

MSVOA_Y

ClientSampleId :

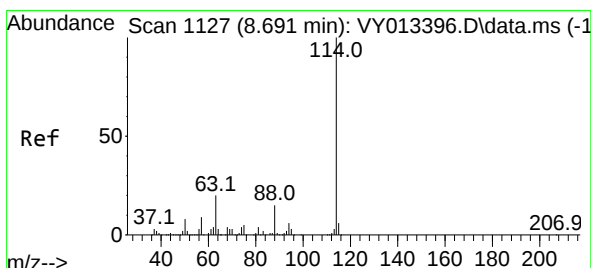
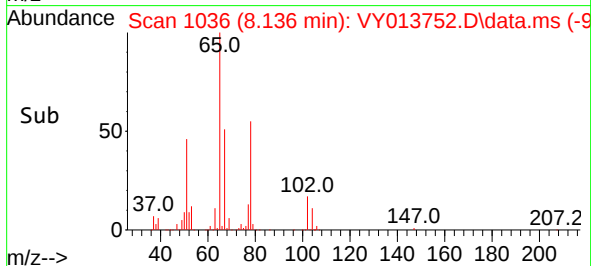
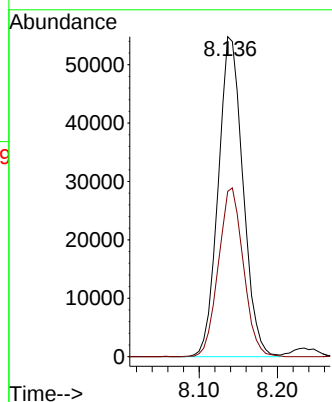
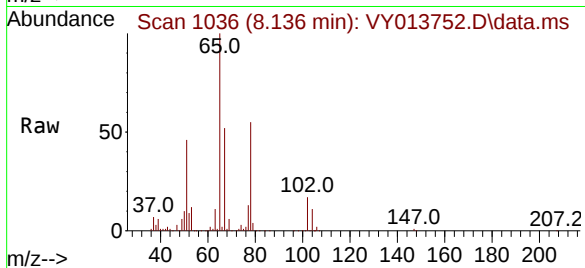
VY0516SBS01

Tgt Ion: 65 Resp: 120387

Ion Ratio Lower Upper

65 100

67 53.1 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013752.D

Acq: 16 May 2023 12:21

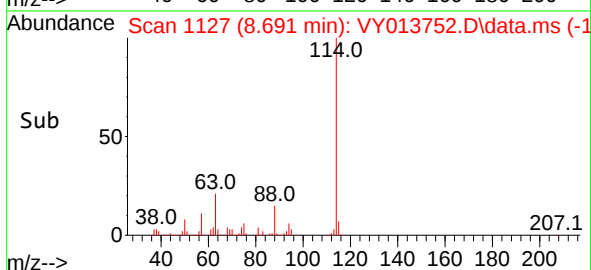
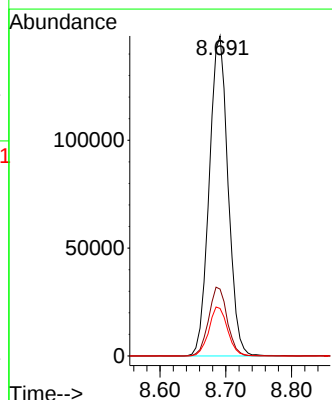
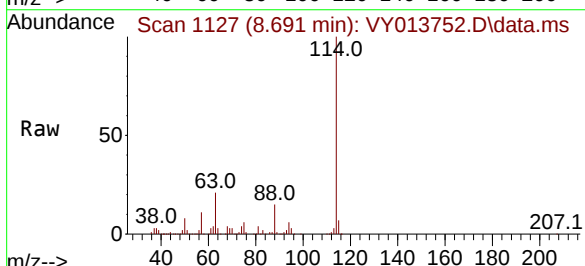
Tgt Ion: 114 Resp: 294952

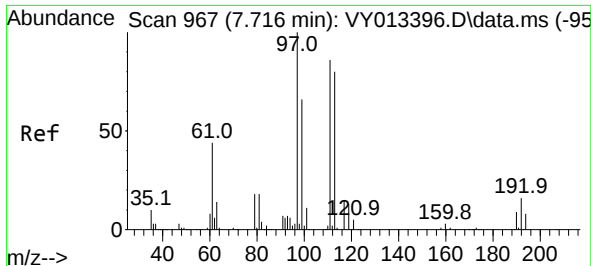
Ion Ratio Lower Upper

114 100

63 20.9 0.0 36.6

88 14.8 0.0 28.8

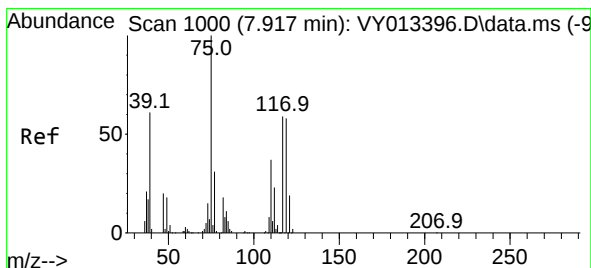
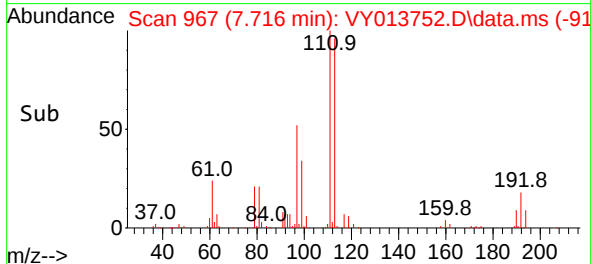
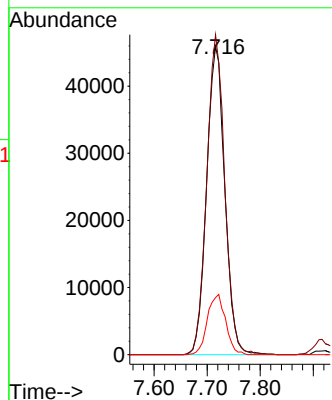
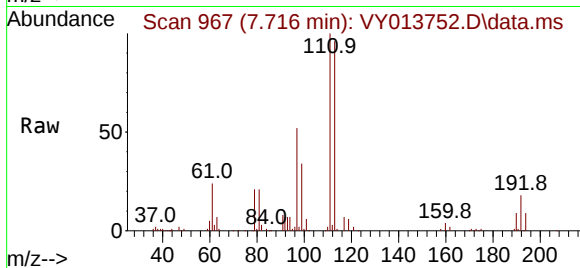




#35
Dibromofluoromethane
Concen: 59.014 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013752.D
Acq: 16 May 2023 12:21

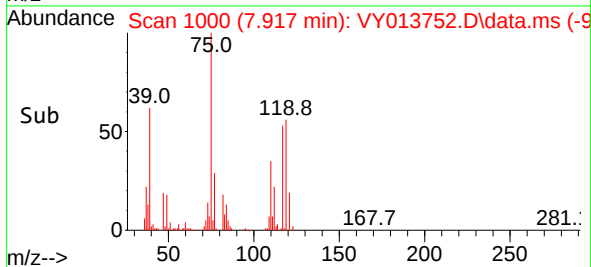
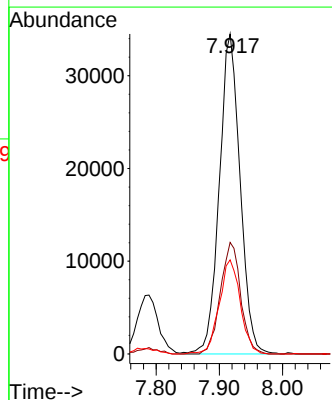
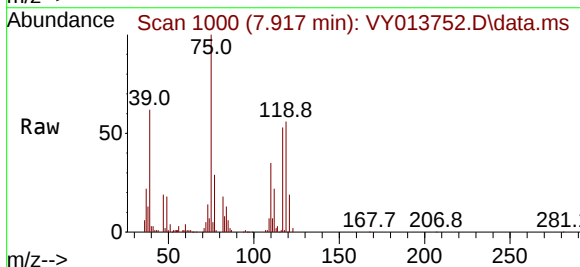
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

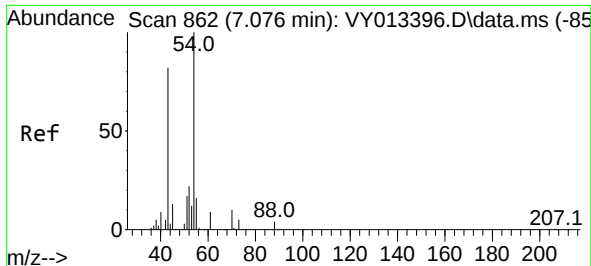
Tgt Ion:113 Resp: 109477
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 19.6 16.7 25.1



#36
1,1-Dichloropropene
Concen: 25.521 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY013752.D
Acq: 16 May 2023 12:21

Tgt Ion: 75 Resp: 78576
Ion Ratio Lower Upper
75 100
110 34.0 18.7 56.1
77 29.8 24.6 37.0

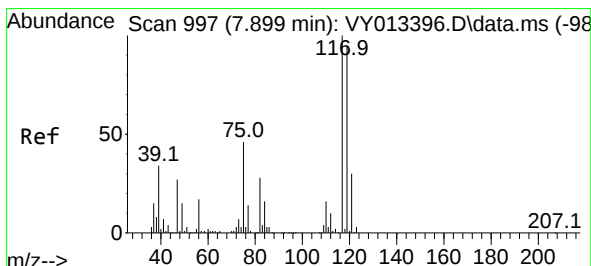
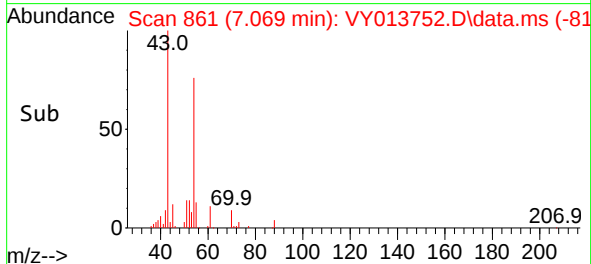
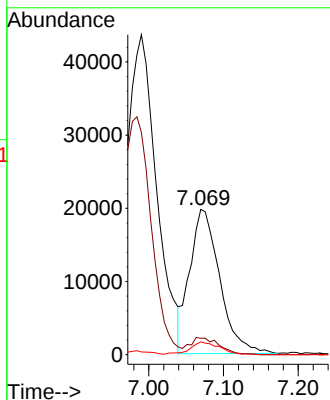
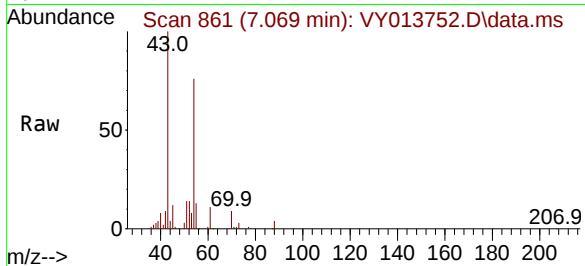




#37
Ethyl Acetate
Concen: 23.795 ug/l
RT: 7.069 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY013752.D
Acq: 16 May 2023 12:21

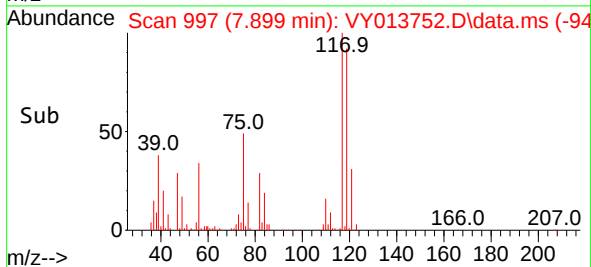
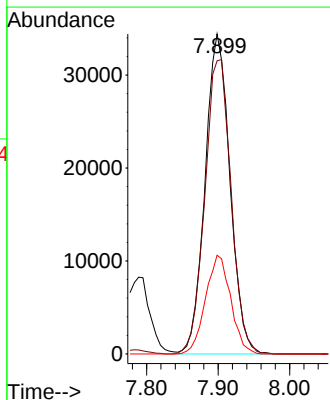
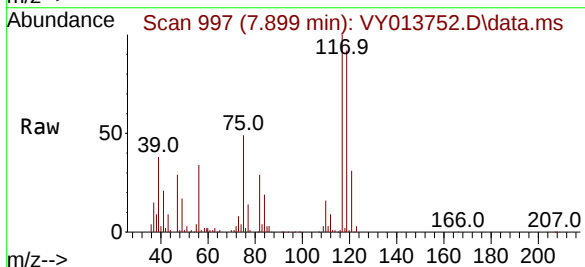
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

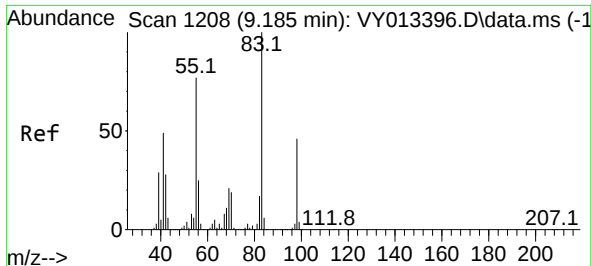
Tgt Ion: 43 Resp: 55132
Ion Ratio Lower Upper
43 100
61 11.5 11.4 17.0
70 8.7 7.9 11.9



#38
Carbon Tetrachloride
Concen: 25.826 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY013752.D
Acq: 16 May 2023 12:21

Tgt Ion: 117 Resp: 83341
Ion Ratio Lower Upper
117 100
119 91.6 79.0 118.6
121 30.9 26.6 40.0

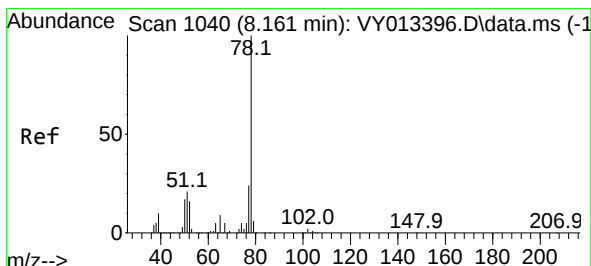
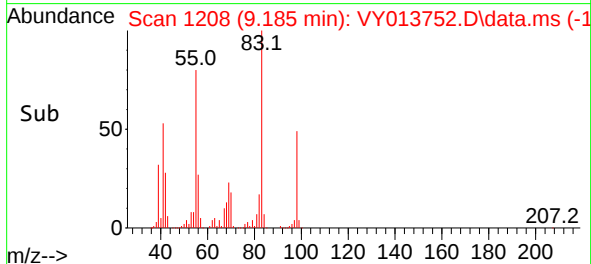
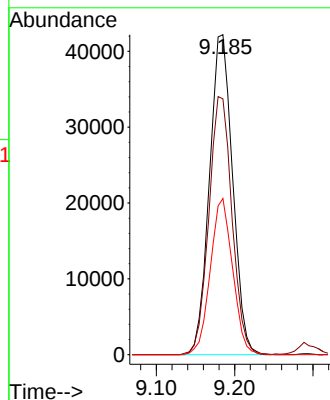
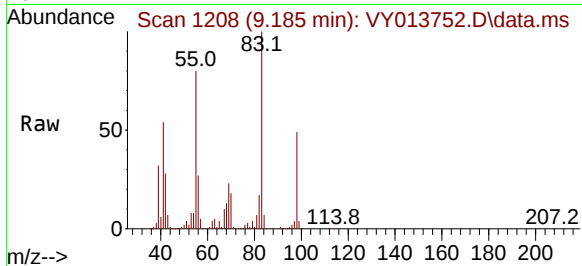




#39
Methylcyclohexane
Concen: 23.907 ug/l
RT: 9.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013752.D
Acq: 16 May 2023 12:21

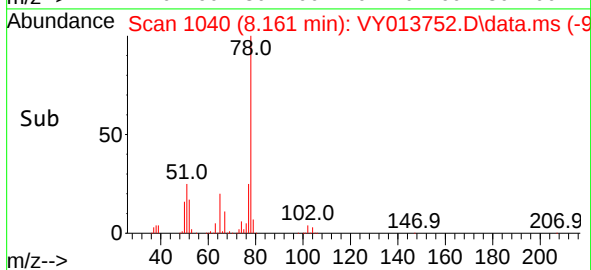
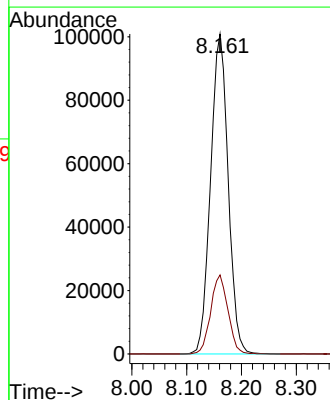
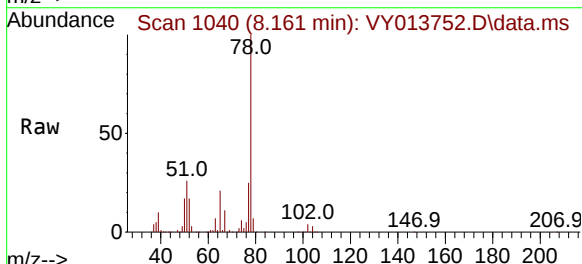
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

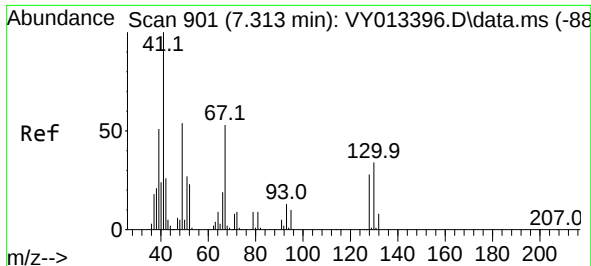
Tgt Ion: 83 Resp: 86772
Ion Ratio Lower Upper
83 100
55 80.0 59.0 88.4
98 48.8 37.0 55.4



#40
Benzene
Concen: 25.872 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY013752.D
Acq: 16 May 2023 12:21

Tgt Ion: 78 Resp: 224381
Ion Ratio Lower Upper
78 100
77 24.7 19.2 28.8

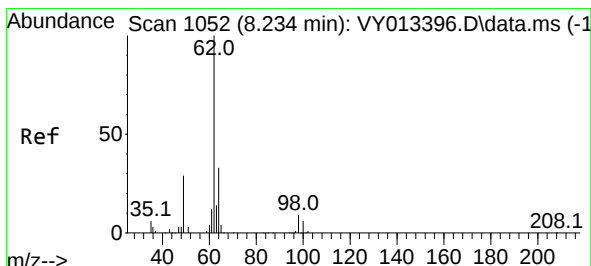
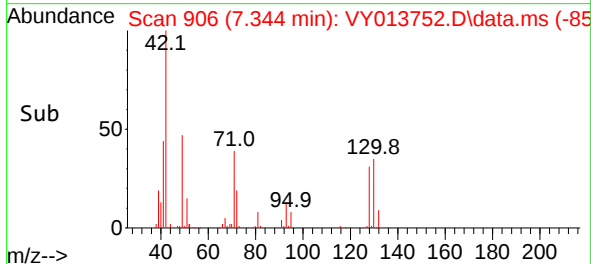
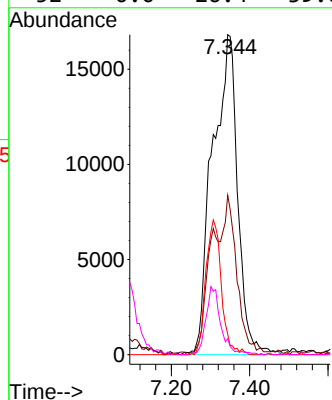
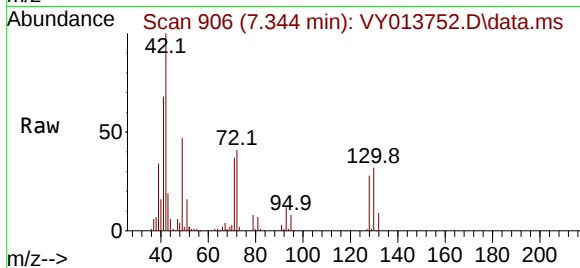




#41
Methacrylonitrile
Concen: 69.339 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.037 min
Lab File: VY013752.D
Acq: 16 May 2023 12:21

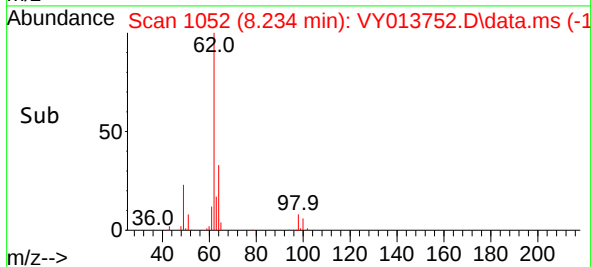
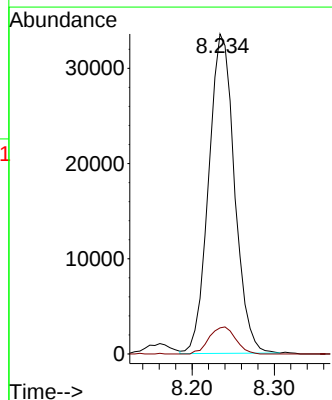
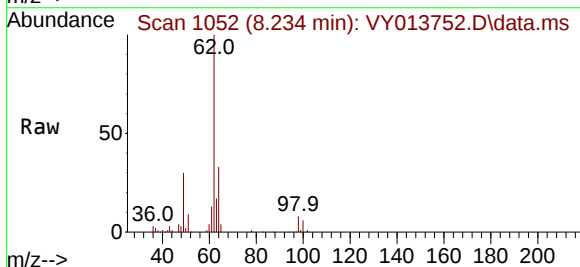
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

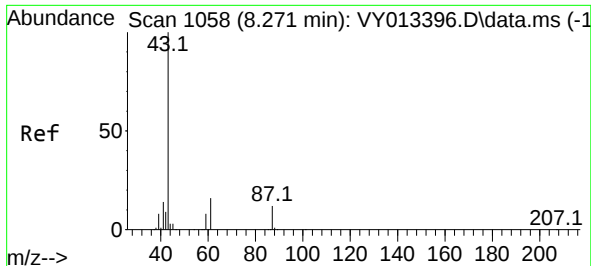
Tgt Ion: 41 Resp: 74863
Ion Ratio Lower Upper
41 100
39 26.5 44.2 66.4#
67 0.0 62.9 94.3#
52 0.0 26.4 39.6#



#42
1,2-Dichloroethane
Concen: 25.841 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013752.D
Acq: 16 May 2023 12:21

Tgt Ion: 62 Resp: 73269
Ion Ratio Lower Upper
62 100
98 8.7 0.0 17.8

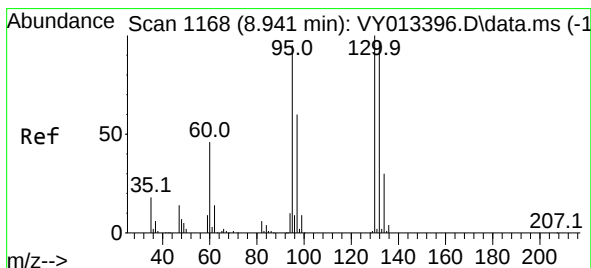
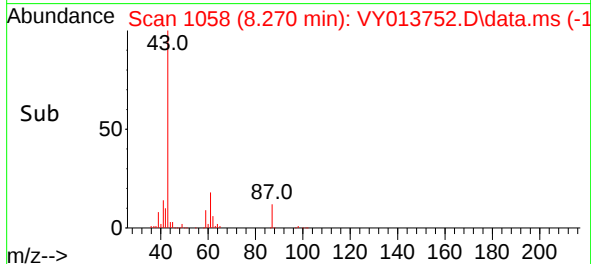
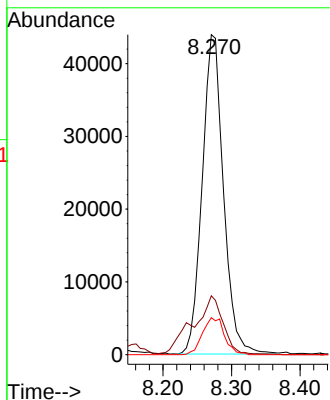
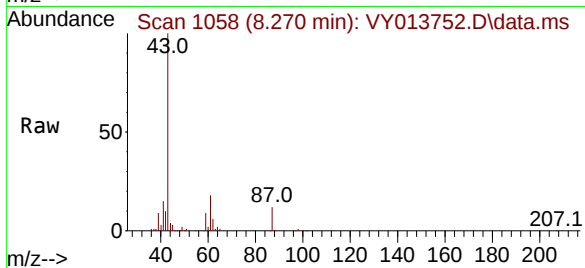




#43
Isopropyl Acetate
Concen: 24.257 ug/l
RT: 8.270 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VY013752.D
Acq: 16 May 2023 12:21

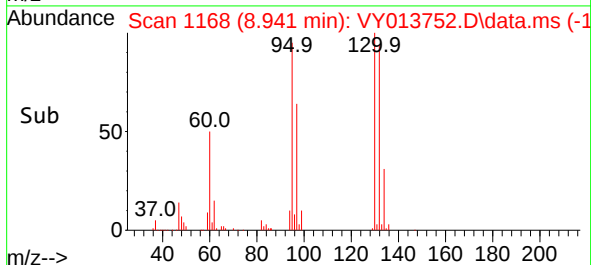
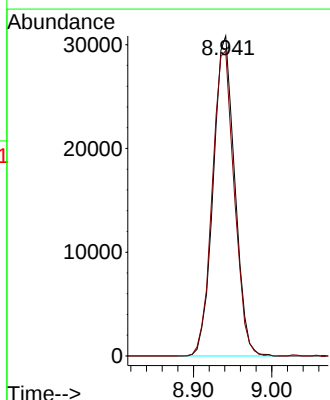
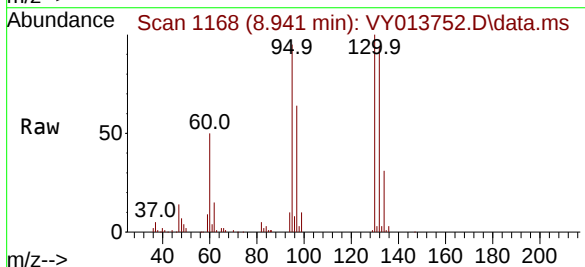
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

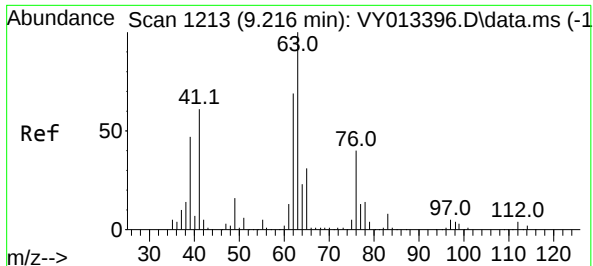
Tgt Ion: 43 Resp: 94863
Ion Ratio Lower Upper
43 100
61 26.4 22.2 33.4
87 12.0 11.0 16.6



#44
Trichloroethene
Concen: 25.443 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY013752.D
Acq: 16 May 2023 12:21

Tgt Ion:130 Resp: 58695
Ion Ratio Lower Upper
130 100
95 95.4 0.0 188.8





#45

1,2-Dichloropropane

Concen: 26.288 ug/l

RT: 9.215 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013752.D

Acq: 16 May 2023 12:21

Instrument :

MSVOA_Y

ClientSampleId :

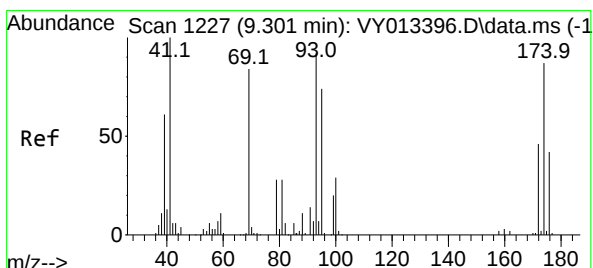
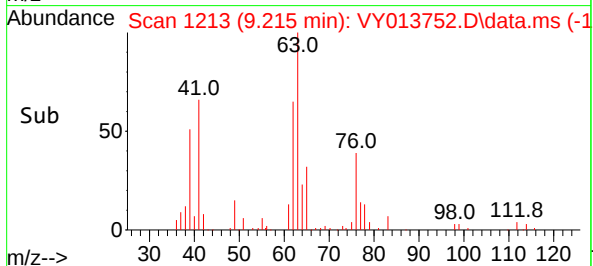
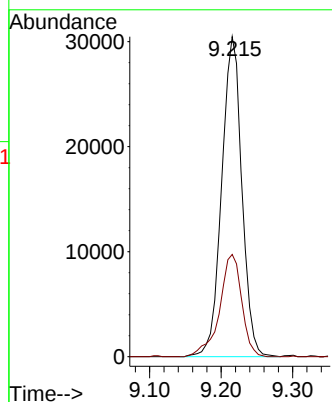
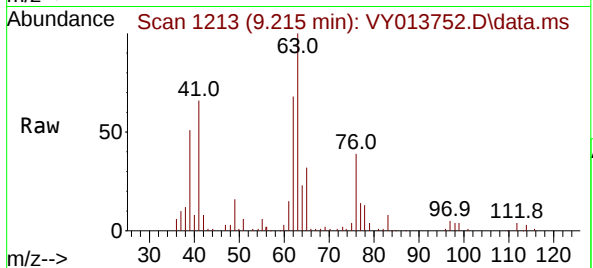
VY0516SBS01

Tgt Ion: 63 Resp: 59610

Ion Ratio Lower Upper

63 100

65 31.9 24.6 37.0



#46

Dibromomethane

Concen: 25.213 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY013752.D

Acq: 16 May 2023 12:21

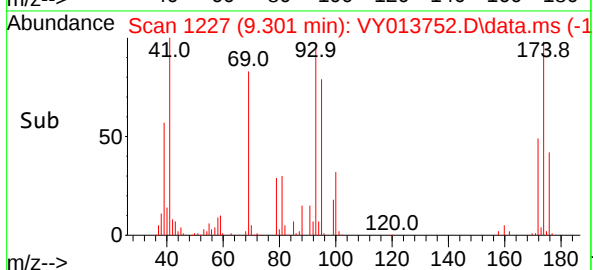
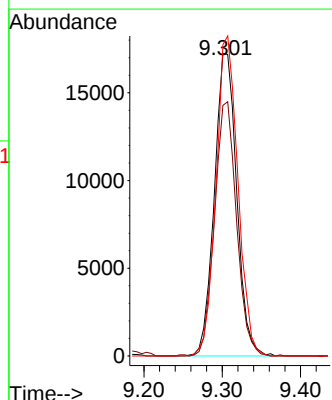
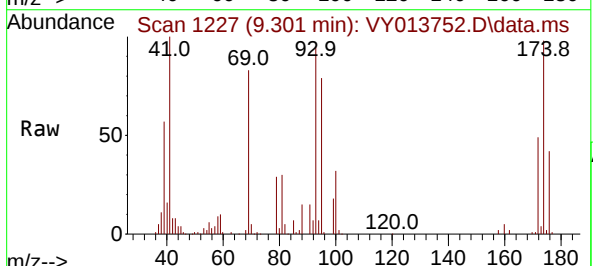
Tgt Ion: 93 Resp: 34209

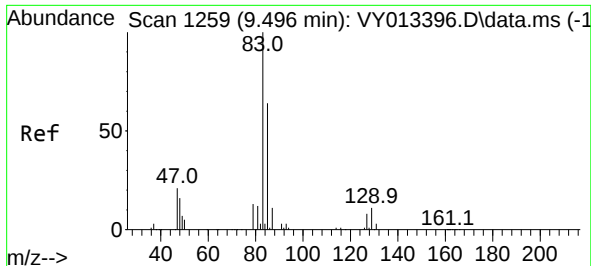
Ion Ratio Lower Upper

93 100

95 82.6 67.1 100.7

174 103.6 87.0 130.4

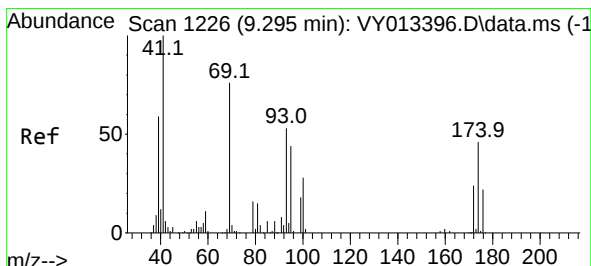
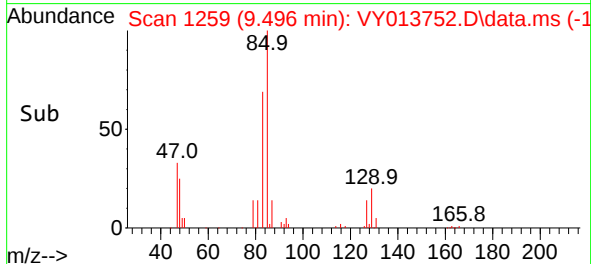
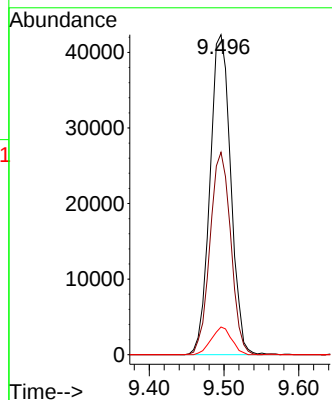
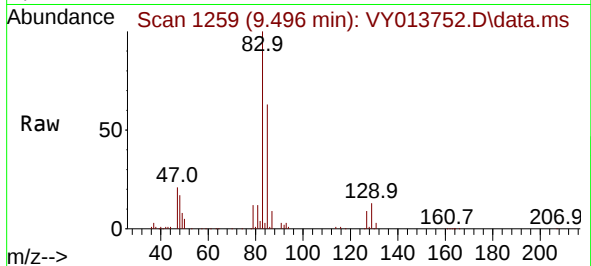




#47
Bromodichloromethane
Concen: 26.912 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY013752.D
Acq: 16 May 2023 12:21

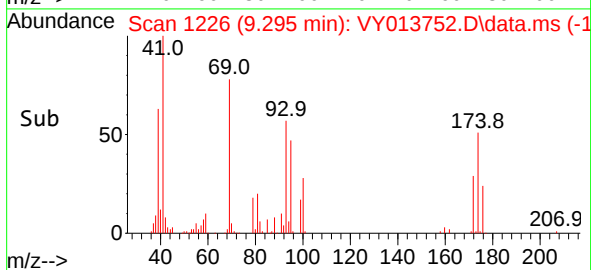
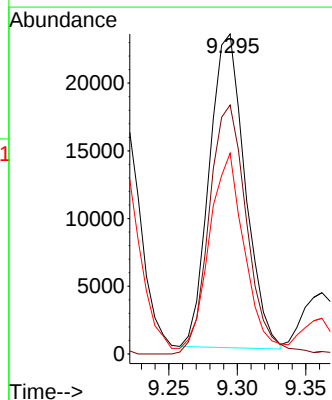
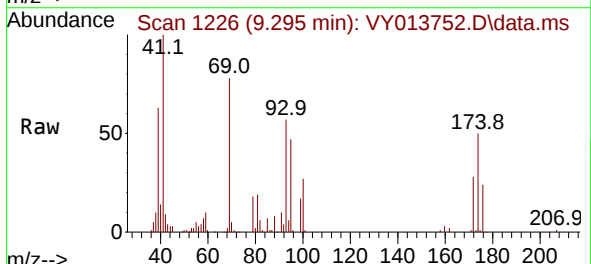
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

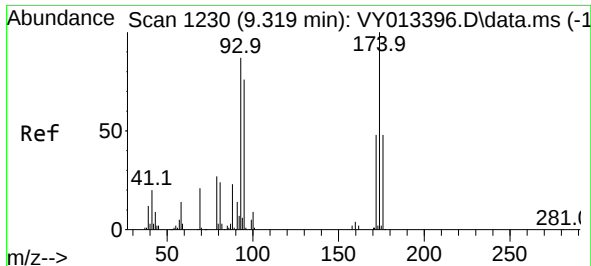
Tgt Ion: 83 Resp: 81705
Ion Ratio Lower Upper
83 100
85 63.2 51.4 77.2
127 8.7 8.1 12.1



#48
Methyl methacrylate
Concen: 23.392 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY013752.D
Acq: 16 May 2023 12:21

Tgt Ion: 41 Resp: 42014
Ion Ratio Lower Upper
41 100
69 84.3 70.2 105.4
39 63.1 47.9 71.9





#49

1,4-Dioxane

Concen: 440.350 ug/l

RT: 9.313 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY013752.D

Acq: 16 May 2023 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS01

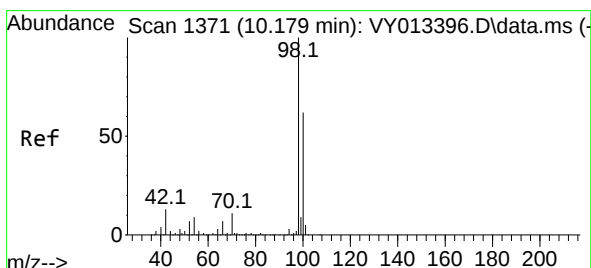
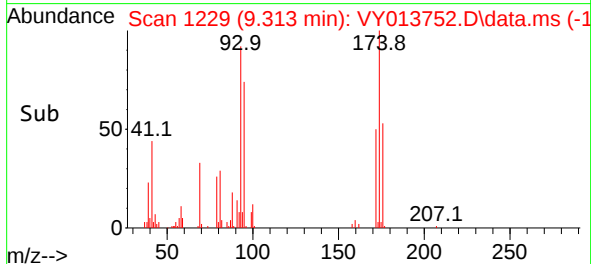
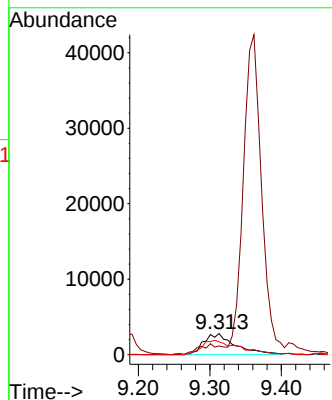
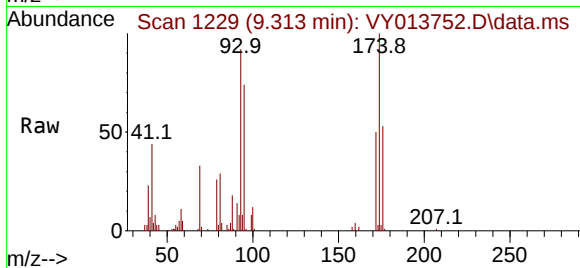
Tgt Ion: 88 Resp: 8533

Ion Ratio Lower Upper

88 100

43 37.1 16.8 25.2#

58 79.7 54.3 81.5



#50

Toluene-d8

Concen: 54.026 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013752.D

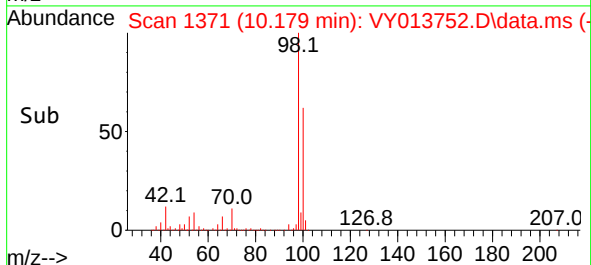
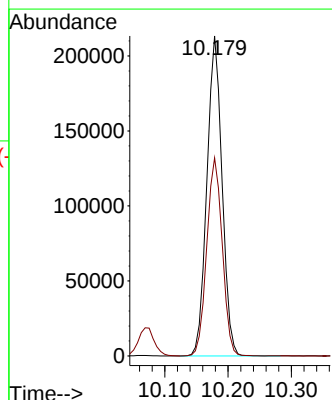
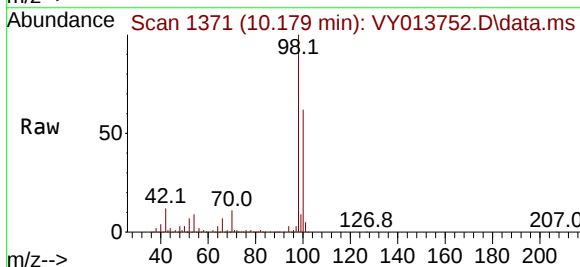
Acq: 16 May 2023 12:21

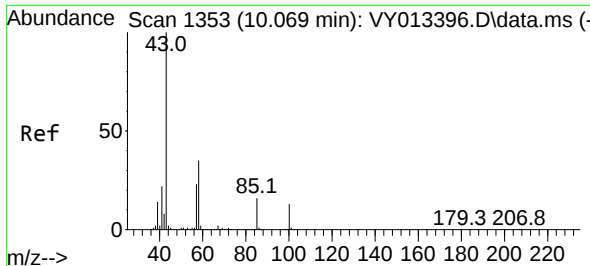
Tgt Ion: 98 Resp: 356536

Ion Ratio Lower Upper

98 100

100 63.2 50.5 75.7

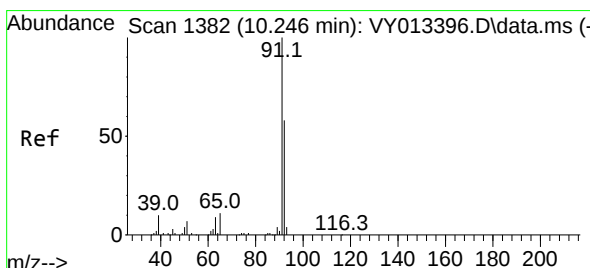
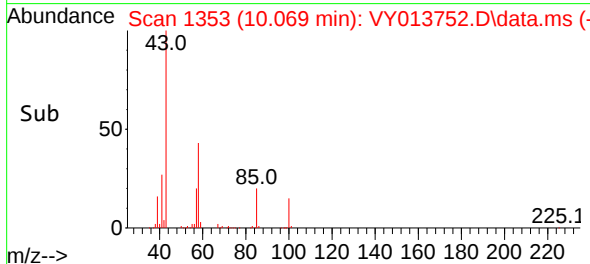
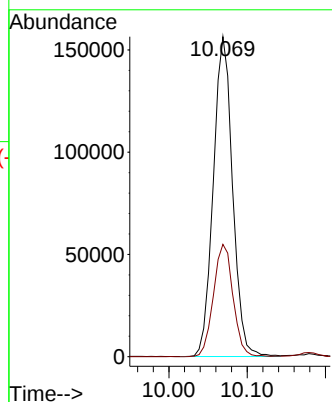
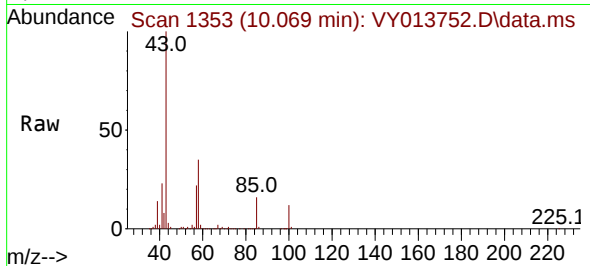




#51
4-Methyl-2-Pentanone
Concen: 122.927 ug/l
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013752.D
Acq: 16 May 2023 12:21

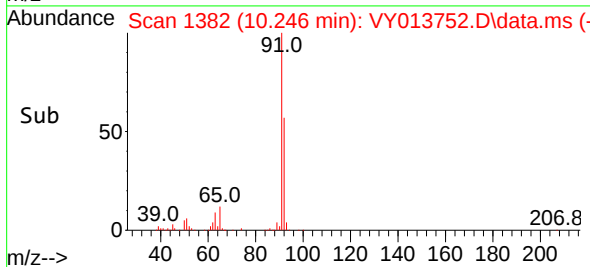
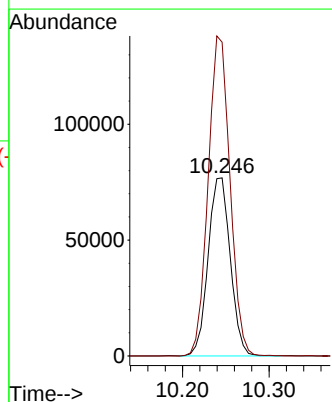
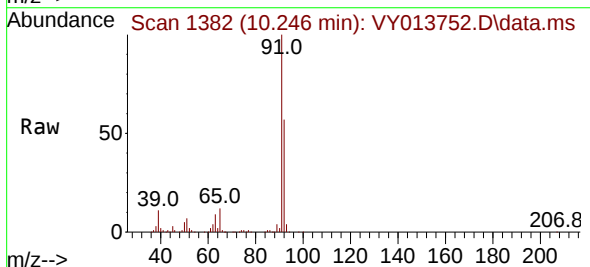
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

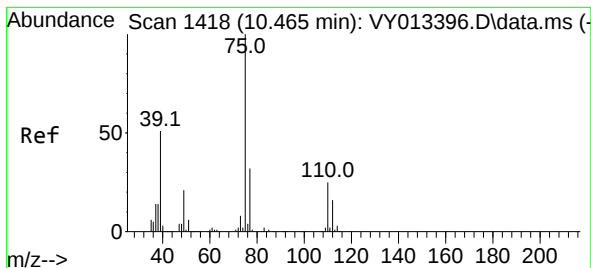
Tgt Ion: 43 Resp: 267885
Ion Ratio Lower Upper
43 100
58 35.7 30.6 46.0



#52
Toluene
Concen: 26.169 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY013752.D
Acq: 16 May 2023 12:21

Tgt Ion: 92 Resp: 136574
Ion Ratio Lower Upper
92 100
91 177.5 140.2 210.4

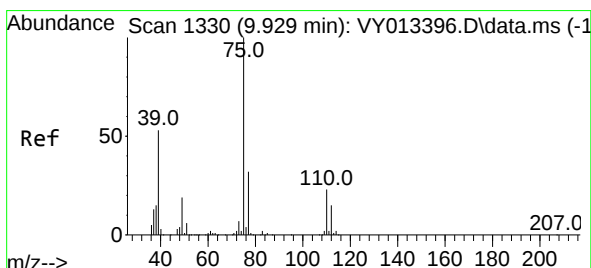
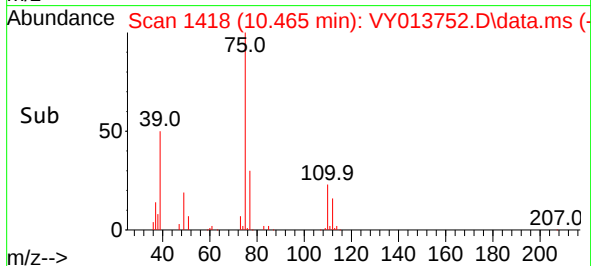
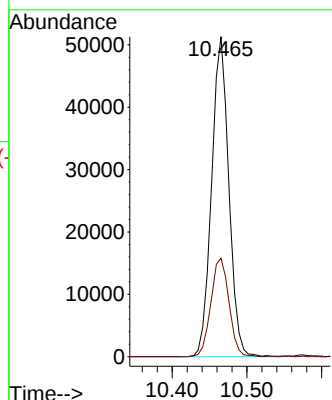
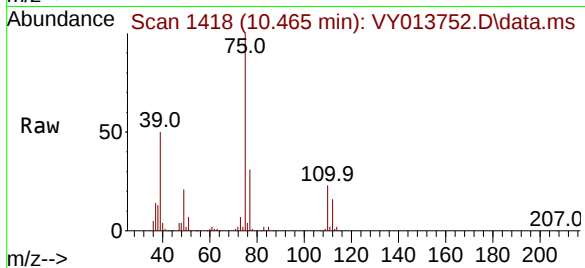




#53
t-1,3-Dichloropropene
Concen: 25.541 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY013752.D
Acq: 16 May 2023 12:21

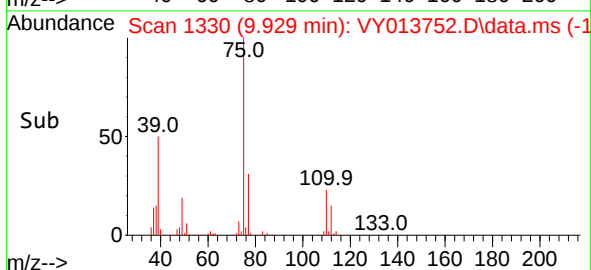
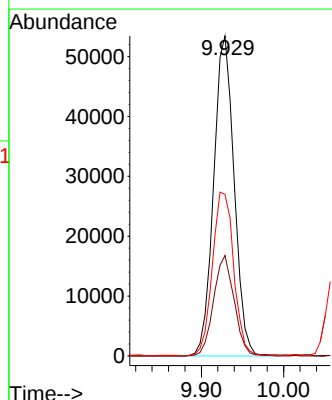
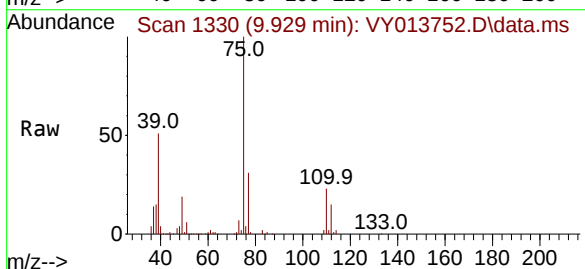
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

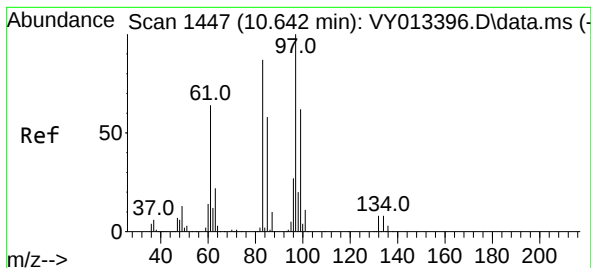
Tgt Ion: 75 Resp: 82065
Ion Ratio Lower Upper
75 100
77 30.7 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 25.591 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY013752.D
Acq: 16 May 2023 12:21

Tgt Ion: 75 Resp: 92525
Ion Ratio Lower Upper
75 100
77 31.4 24.8 37.2
39 50.4 38.1 57.1





#55

1,1,2-Trichloroethane

Concen: 26.438 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY013752.D

Acq: 16 May 2023 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS01

Tgt Ion: 97 Resp: 47504

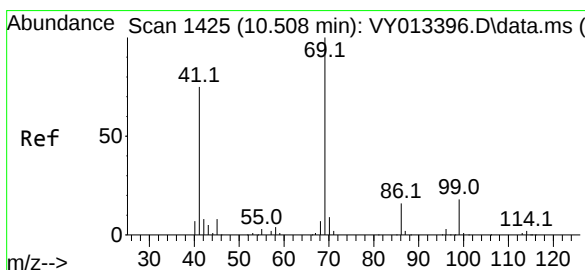
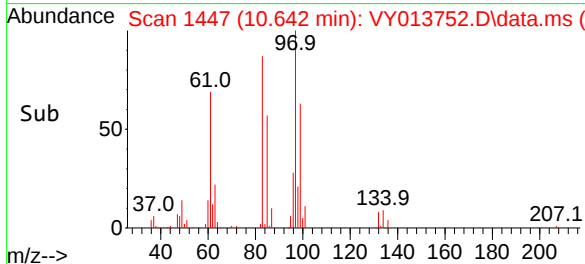
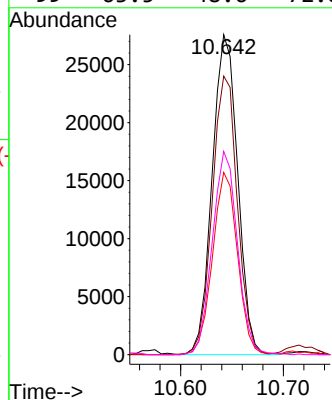
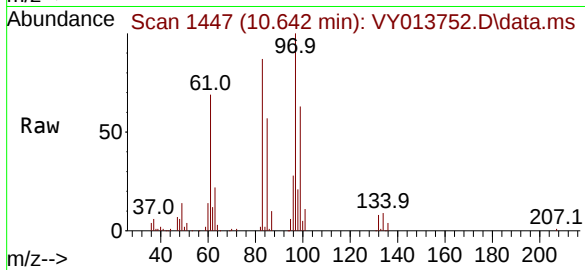
Ion Ratio Lower Upper

97 100

83 86.9 66.4 99.6

85 56.9 45.6 68.4

99 63.5 48.6 72.8



#56

Ethyl methacrylate

Concen: 25.012 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY013752.D

Acq: 16 May 2023 12:21

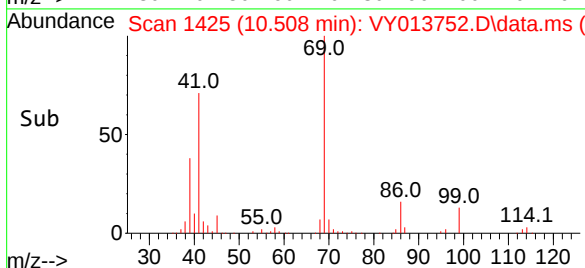
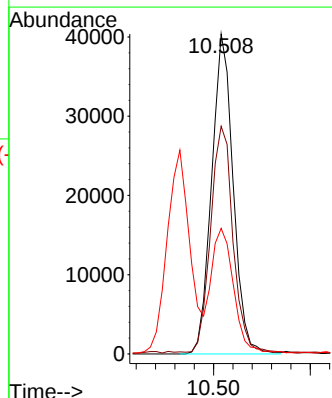
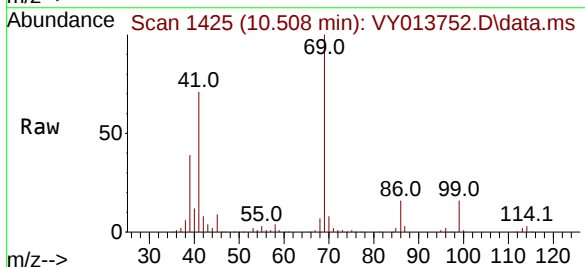
Tgt Ion: 69 Resp: 62348

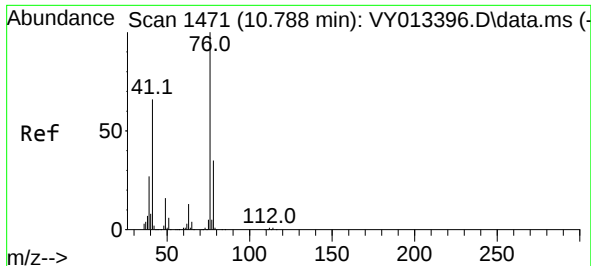
Ion Ratio Lower Upper

69 100

41 73.4 51.4 77.0

39 40.0 29.0 43.6





#57

1,3-Dichloropropane

Concen: 26.459 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013752.D

Acq: 16 May 2023 12:21

Instrument :

MSVOA_Y

ClientSampleId :

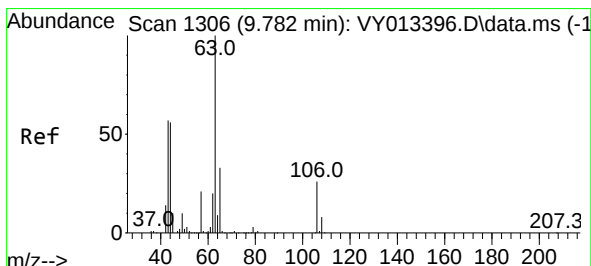
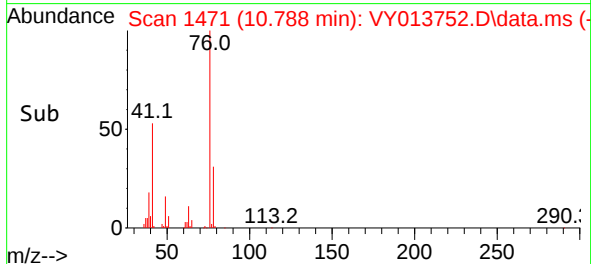
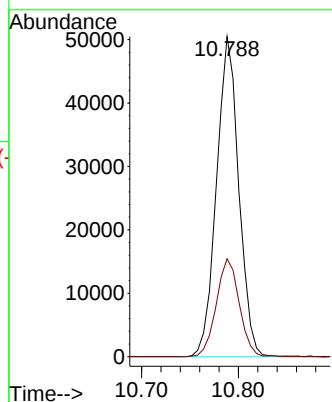
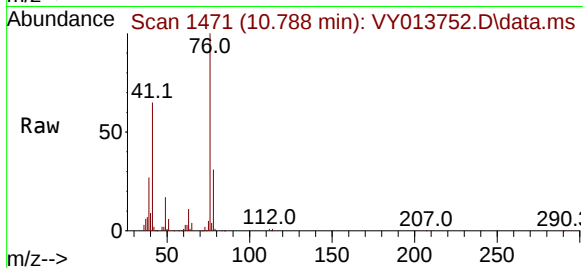
VY0516SBS01

Tgt Ion: 76 Resp: 80514

Ion Ratio Lower Upper

76 100

78 31.5 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 127.121 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY013752.D

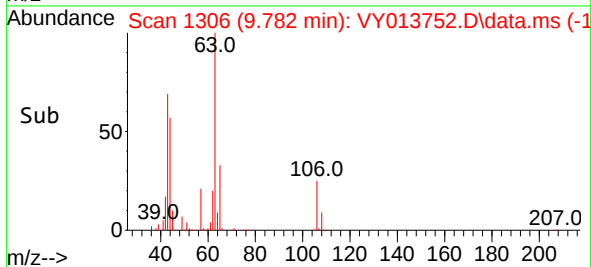
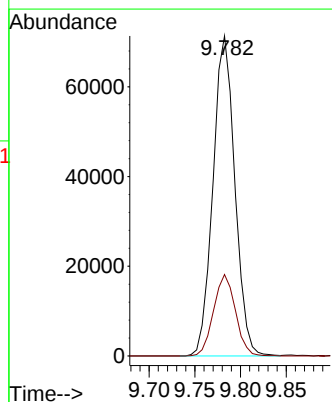
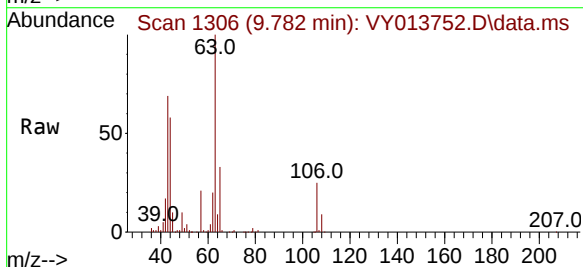
Acq: 16 May 2023 12:21

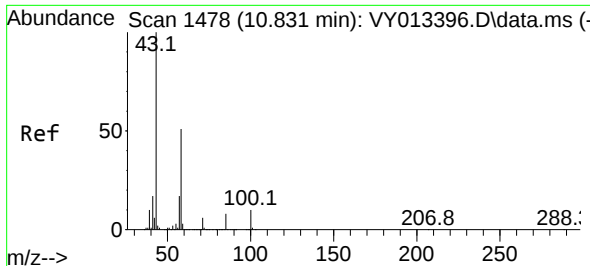
Tgt Ion: 63 Resp: 118826

Ion Ratio Lower Upper

63 100

106 25.3 23.5 35.3

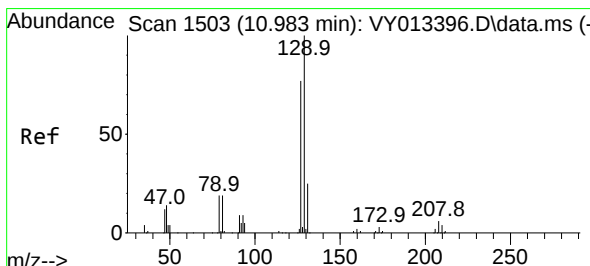
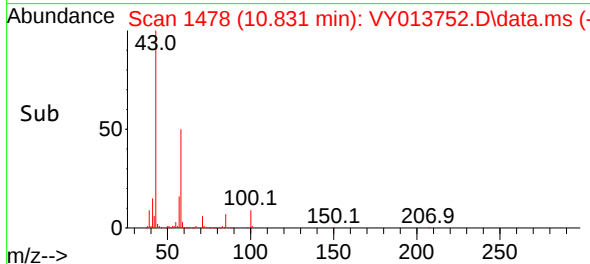
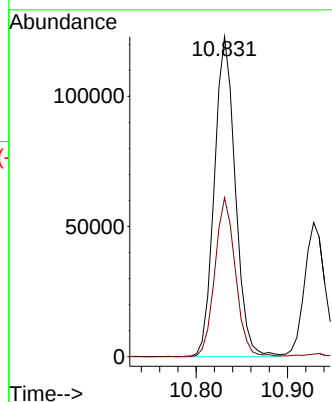
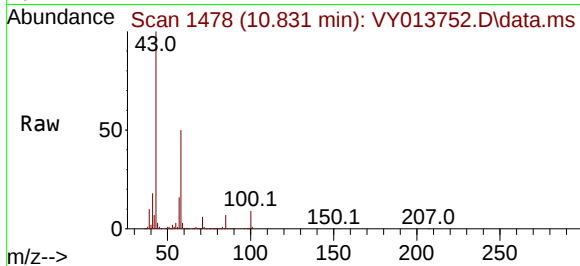




#59
2-Hexanone
Concen: 123.635 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY013752.D
Acq: 16 May 2023 12:21

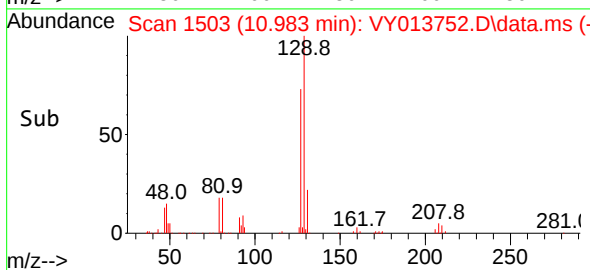
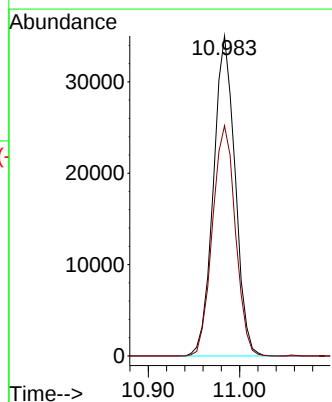
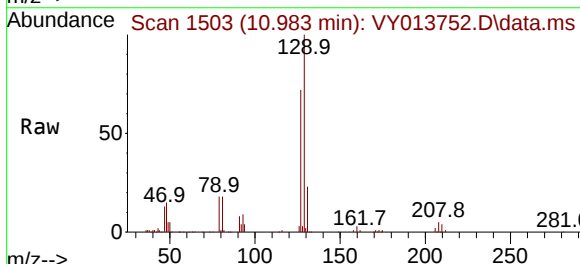
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

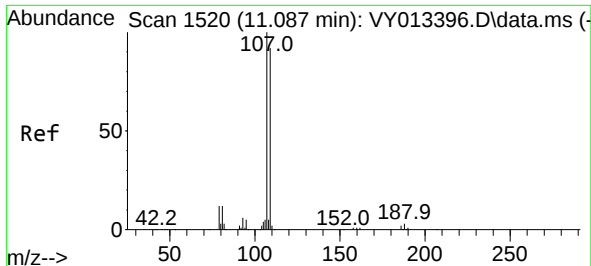
Tgt Ion: 43 Resp: 195853
Ion Ratio Lower Upper
43 100
58 48.7 26.3 78.8



#60
Dibromochloromethane
Concen: 26.441 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013752.D
Acq: 16 May 2023 12:21

Tgt Ion:129 Resp: 57687
Ion Ratio Lower Upper
129 100
127 75.9 38.7 116.1

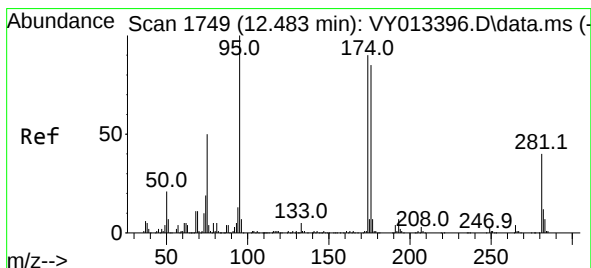
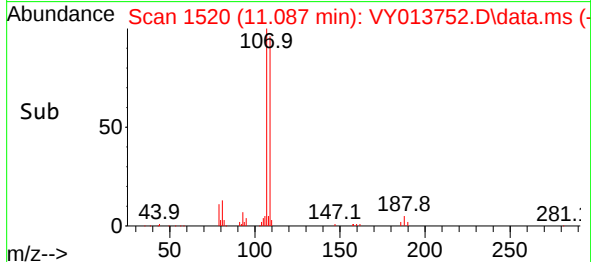
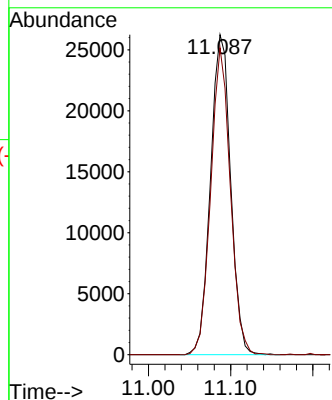
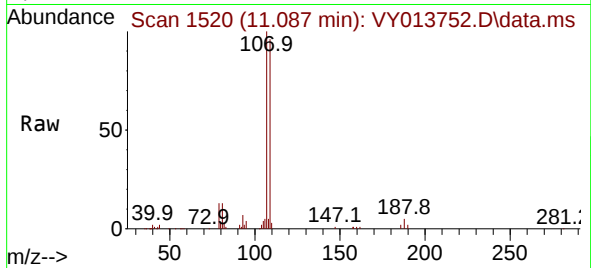




#61
1,2-Dibromoethane
Concen: 25.223 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013752.D
Acq: 16 May 2023 12:21

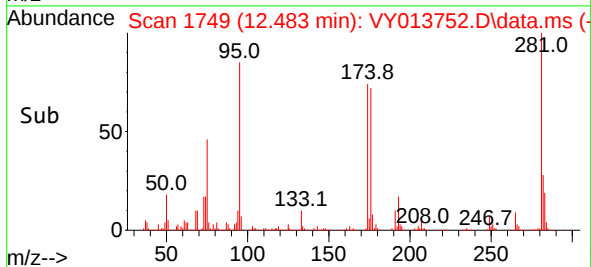
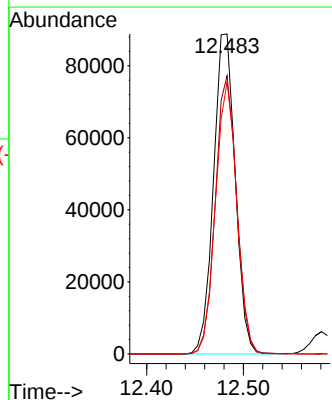
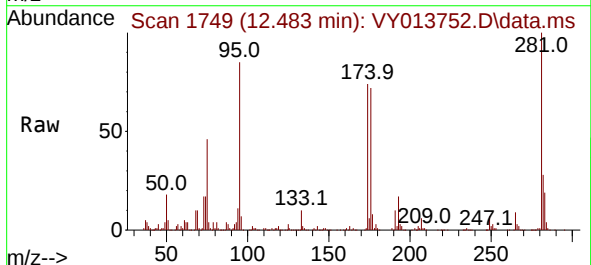
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

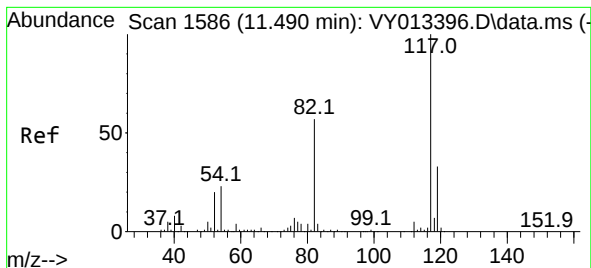
Tgt Ion:107 Resp: 44557
Ion Ratio Lower Upper
107 100
109 93.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 62.441 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013752.D
Acq: 16 May 2023 12:21

Tgt Ion: 95 Resp: 138920
Ion Ratio Lower Upper
95 100
174 85.0 0.0 182.0
176 83.2 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013752.D

Acq: 16 May 2023 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS01

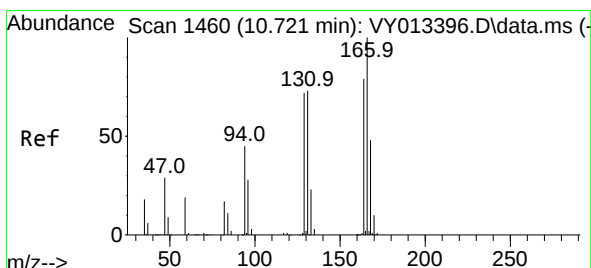
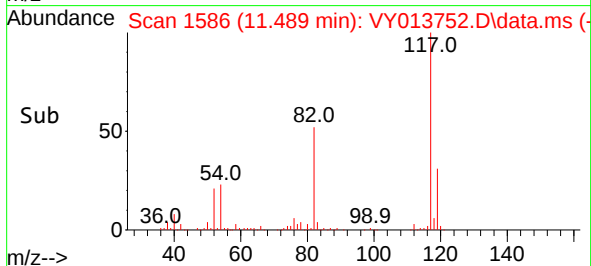
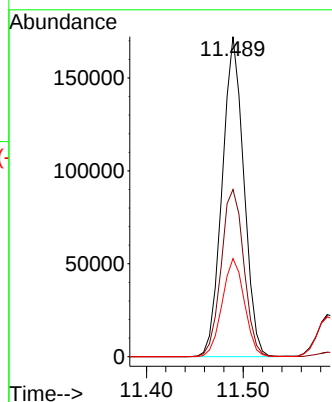
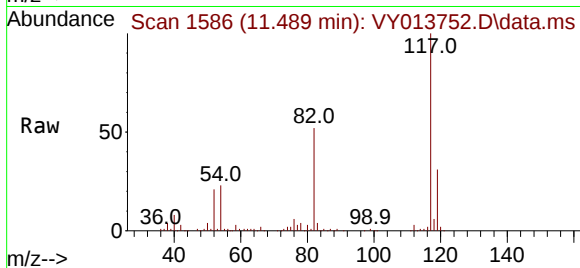
Tgt Ion:117 Resp: 267697

Ion Ratio Lower Upper

117 100

82 52.2 43.0 64.6

119 30.6 25.5 38.3



#64

Tetrachloroethene

Concen: 24.329 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY013752.D

Acq: 16 May 2023 12:21

Tgt Ion:164 Resp: 49523

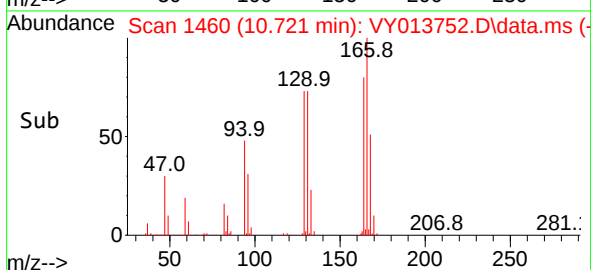
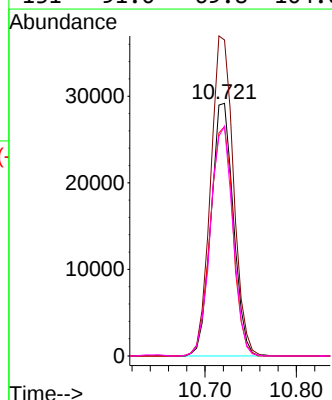
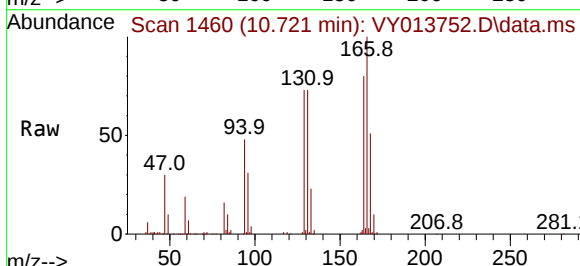
Ion Ratio Lower Upper

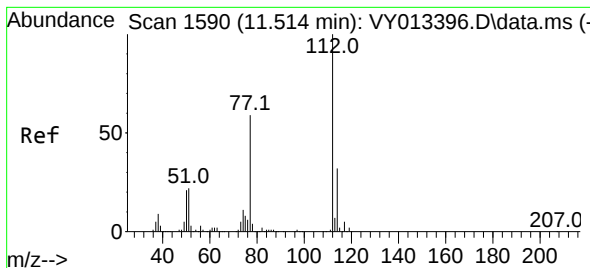
164 100

166 125.1 97.5 146.3

129 90.8 72.6 109.0

131 91.0 69.8 104.6

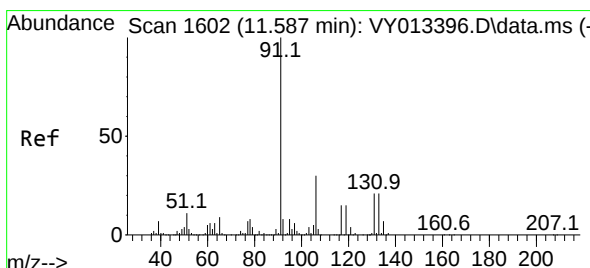
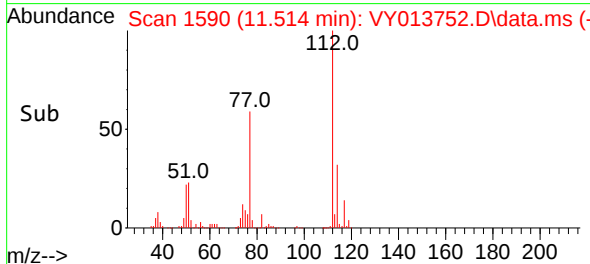
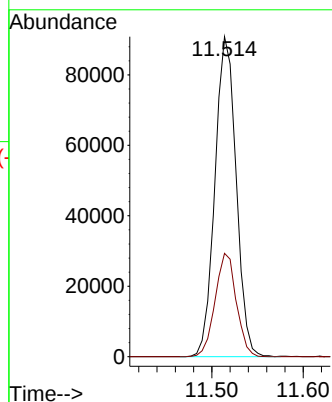
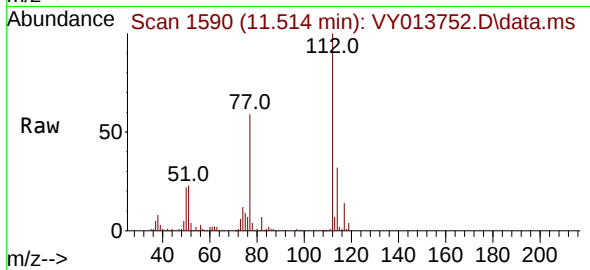




#65
Chlorobenzene
Concen: 25.143 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013752.D
Acq: 16 May 2023 12:21

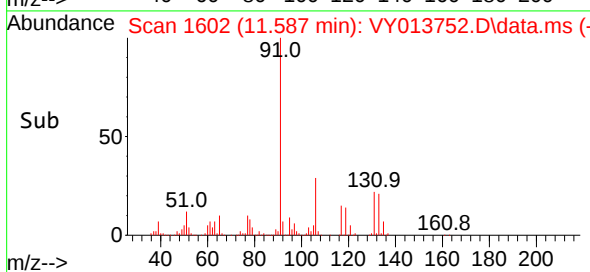
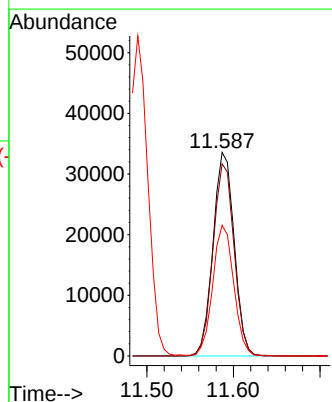
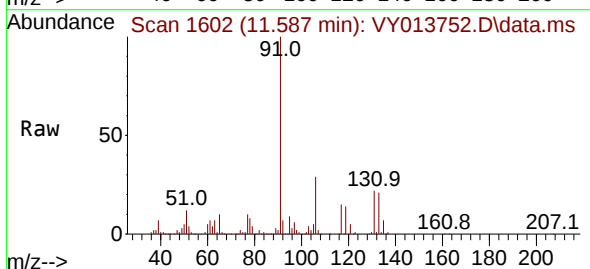
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

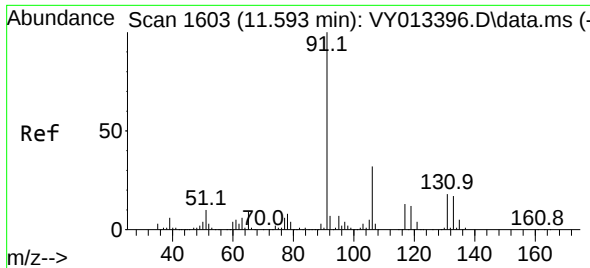
Tgt Ion:112 Resp: 146619
Ion Ratio Lower Upper
112 100
114 32.3 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 26.111 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY013752.D
Acq: 16 May 2023 12:21

Tgt Ion:131 Resp: 56946
Ion Ratio Lower Upper
131 100
133 94.2 47.7 143.1
119 63.9 32.6 98.0

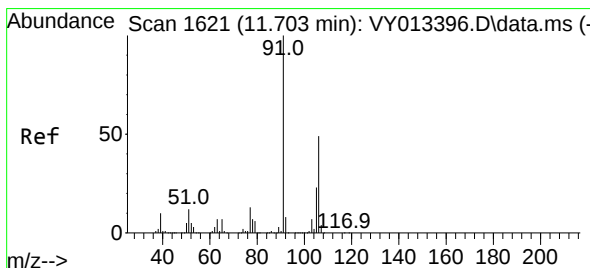
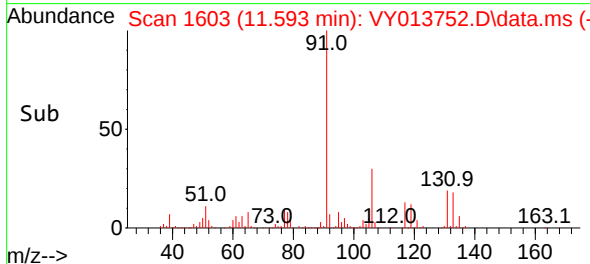
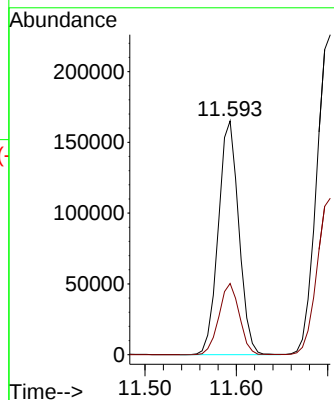
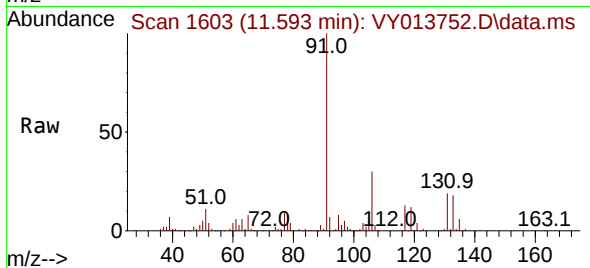




#67
Ethyl Benzene
Concen: 25.094 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013752.D
Acq: 16 May 2023 12:21

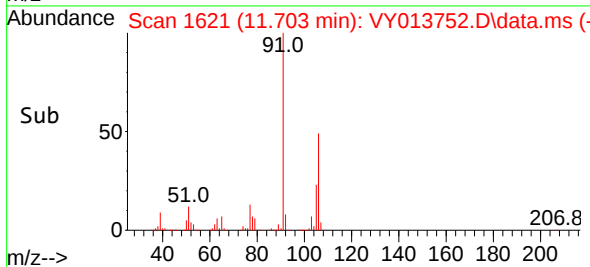
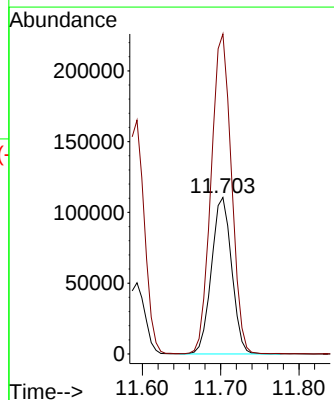
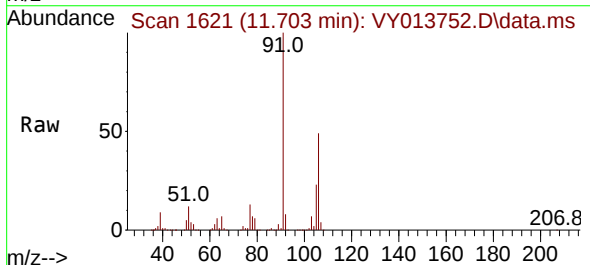
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

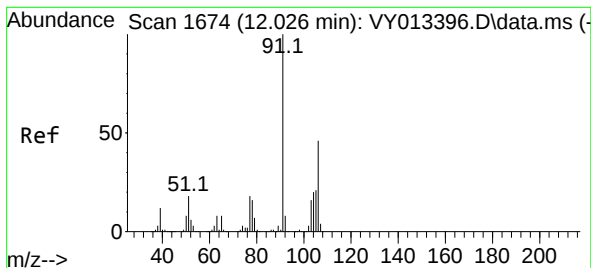
Tgt Ion: 91 Resp: 256968
Ion Ratio Lower Upper
91 100
106 30.4 25.1 37.7



#68
m/p-Xylenes
Concen: 50.859 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY013752.D
Acq: 16 May 2023 12:21

Tgt Ion:106 Resp: 197983
Ion Ratio Lower Upper
106 100
91 205.3 160.9 241.3





#69

o-Xylene

Concen: 24.958 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY013752.D

Acq: 16 May 2023 12:21

Instrument :

MSVOA_Y

ClientSampleId :

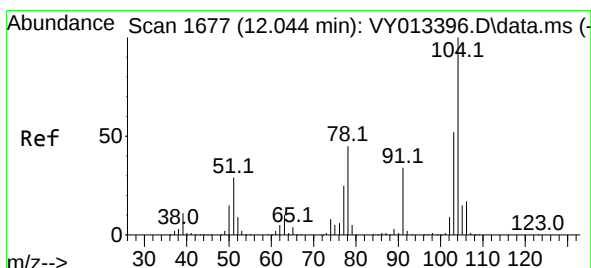
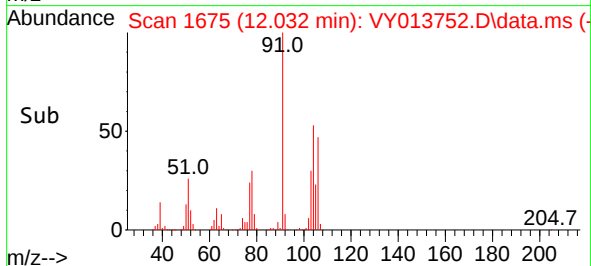
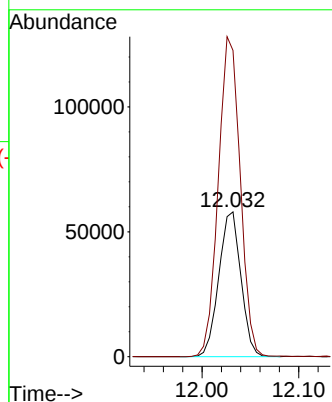
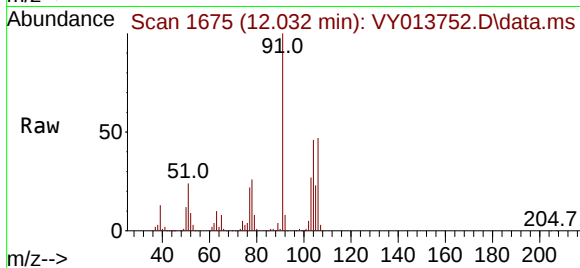
VY0516SBS01

Tgt Ion:106 Resp: 91884

Ion Ratio Lower Upper

106 100

91 219.9 105.5 316.4



#70

Styrene

Concen: 26.037 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY013752.D

Acq: 16 May 2023 12:21

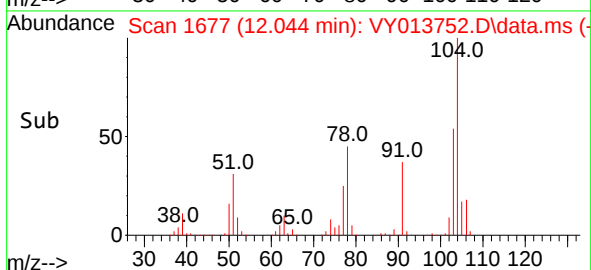
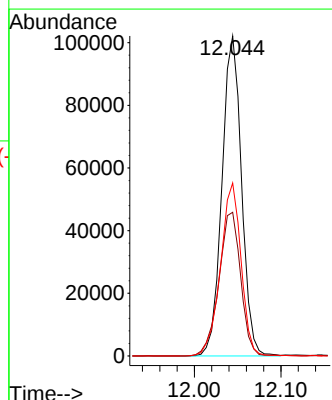
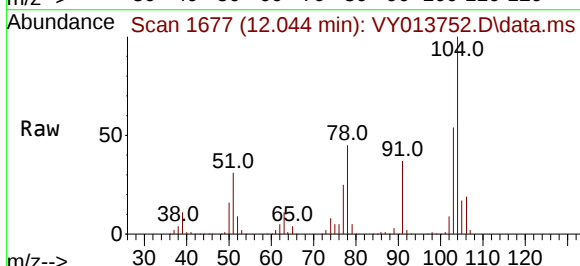
Tgt Ion:104 Resp: 160280

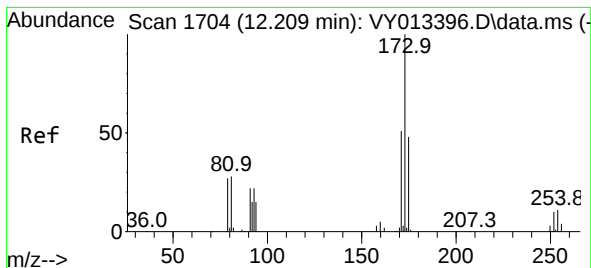
Ion Ratio Lower Upper

104 100

78 49.8 40.3 60.5

103 56.8 45.0 67.4





#71

Bromoform

Concen: 24.934 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013752.D

Acq: 16 May 2023 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS01

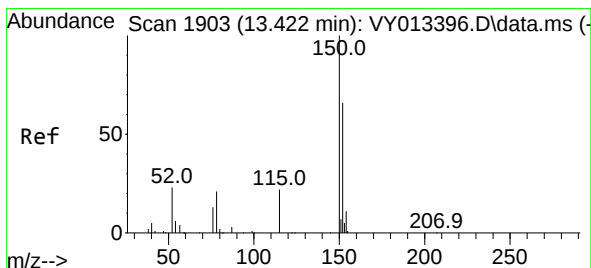
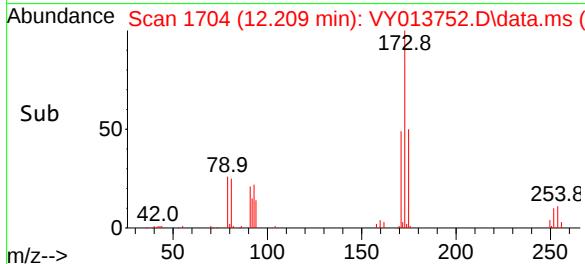
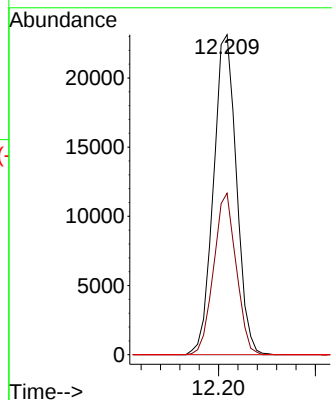
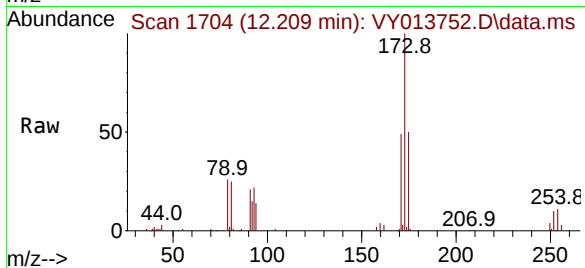
Tgt Ion:173 Resp: 38090

Ion Ratio Lower Upper

173 100

175 49.4 24.3 72.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY013752.D

Acq: 16 May 2023 12:21

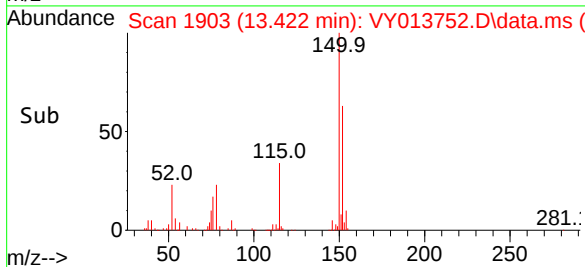
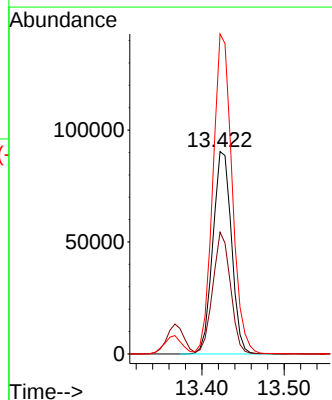
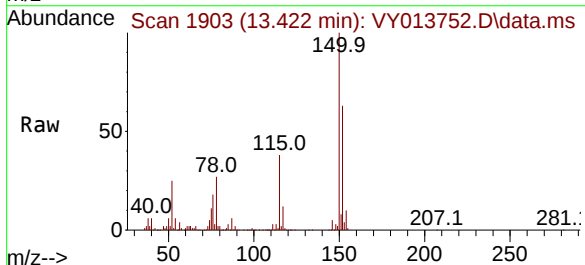
Tgt Ion:152 Resp: 142215

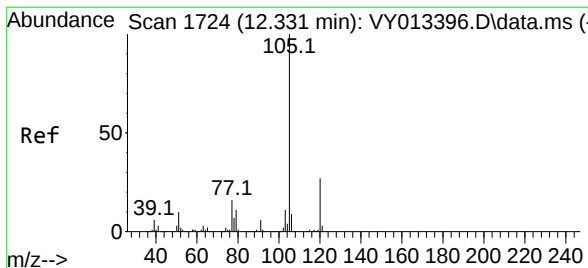
Ion Ratio Lower Upper

152 100

115 57.5 28.1 84.2

150 162.8 0.0 352.0





#73

Isopropylbenzene

Concen: 23.406 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013752.D

Acq: 16 May 2023 12:21

Instrument :

MSVOA_Y

ClientSampleId :

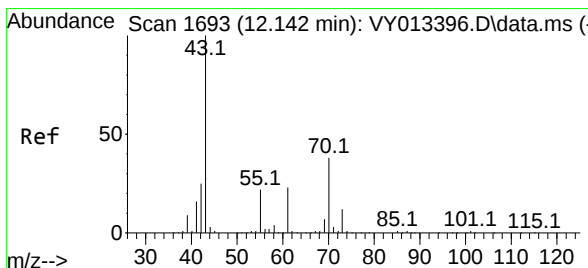
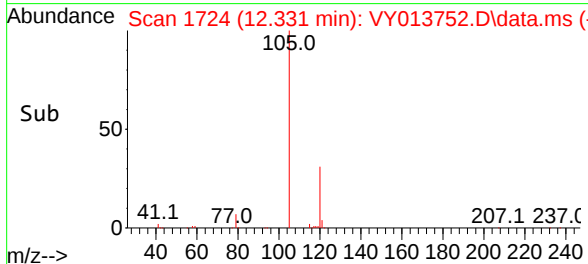
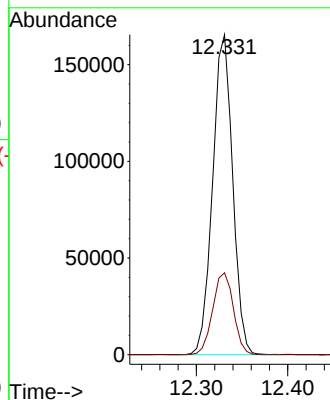
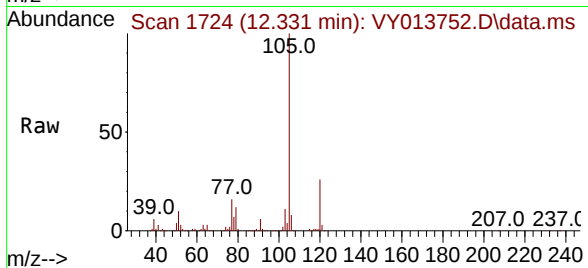
VY0516SBS01

Tgt Ion:105 Resp: 251774

Ion Ratio Lower Upper

105 100

120 26.4 13.7 41.0



#74

N-ethyl acetate

Concen: 21.960 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY013752.D

Acq: 16 May 2023 12:21

Tgt Ion: 43 Resp: 84060

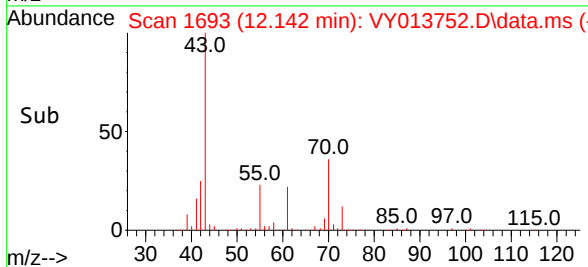
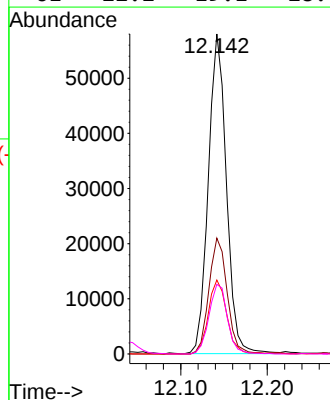
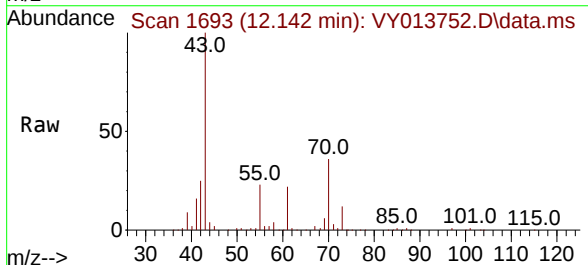
Ion Ratio Lower Upper

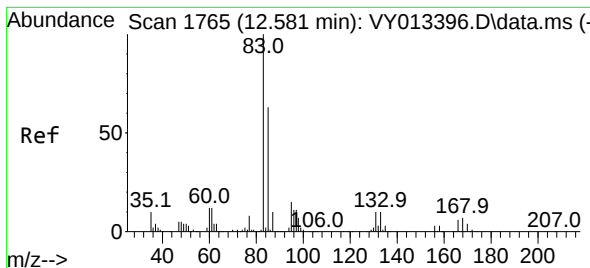
43 100

70 36.6 33.0 49.4

55 23.8 19.8 29.6

61 22.2 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 22.566 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY013752.D

Acq: 16 May 2023 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS01

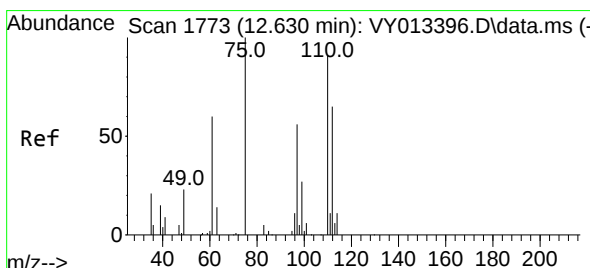
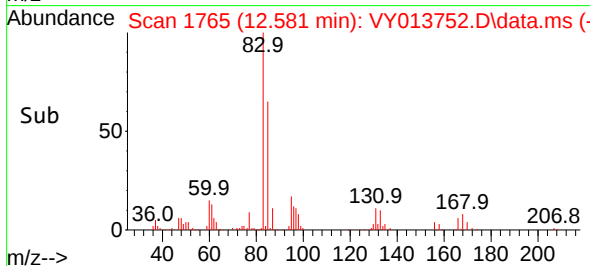
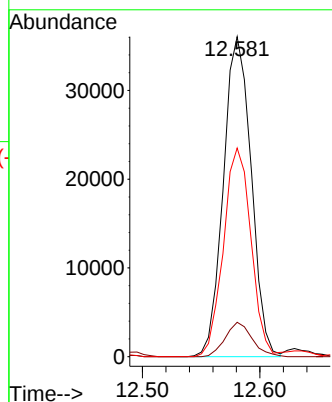
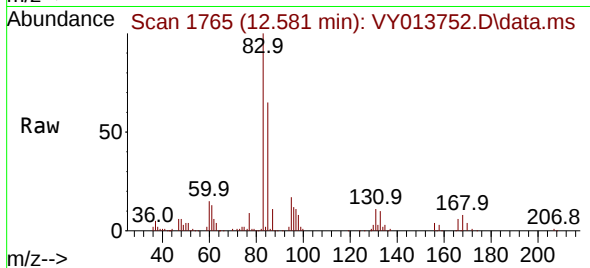
Tgt Ion: 83 Resp: 59332

Ion Ratio Lower Upper

83 100

131 10.4 5.7 17.0

85 64.7 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 39.537 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.007 min

Lab File: VY013752.D

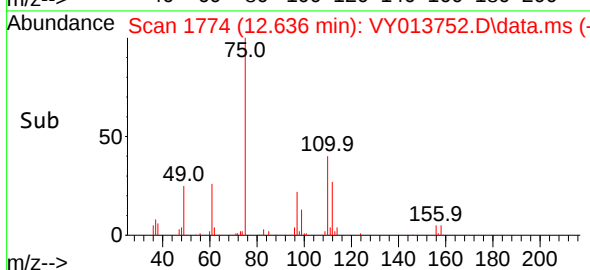
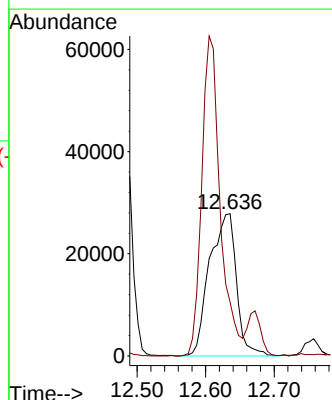
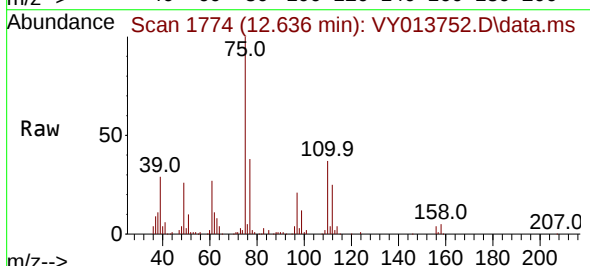
Acq: 16 May 2023 12:21

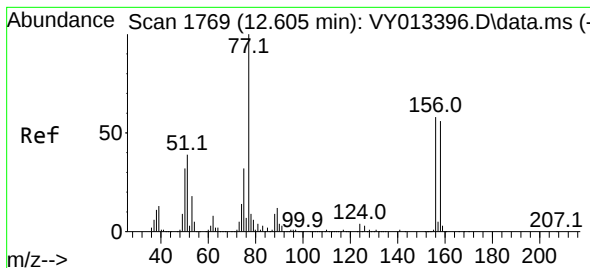
Tgt Ion: 75 Resp: 75829

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 23.984 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY013752.D

Acq: 16 May 2023 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS01

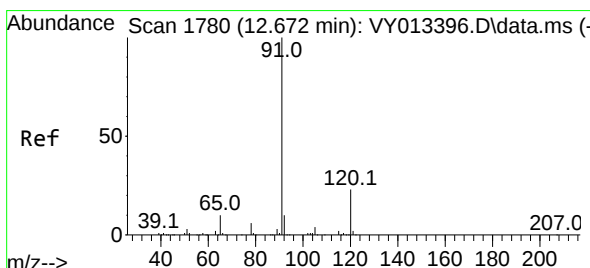
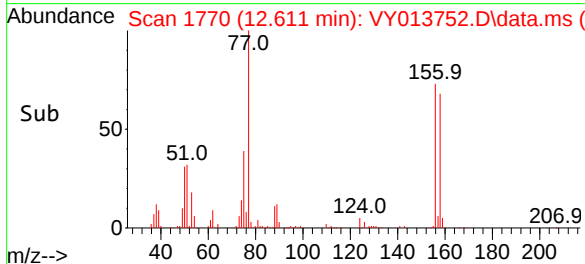
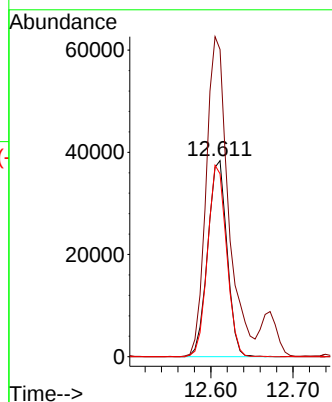
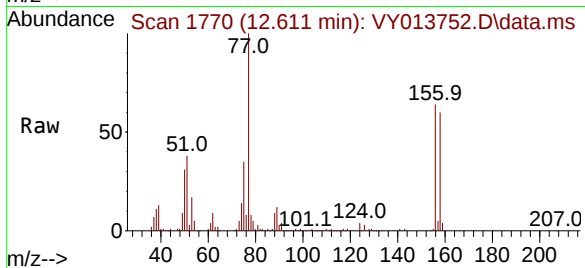
Tgt Ion:156 Resp: 62512

Ion Ratio Lower Upper

156 100

77 188.0 87.6 262.9

158 96.2 48.5 145.5



#78

n-propylbenzene

Concen: 23.673 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY013752.D

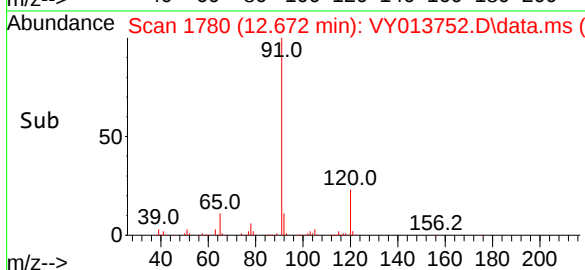
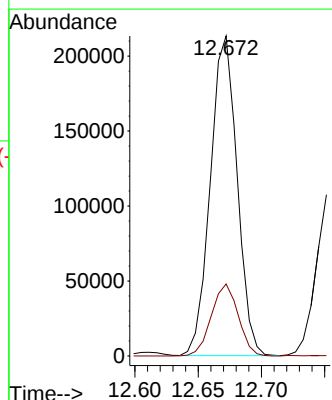
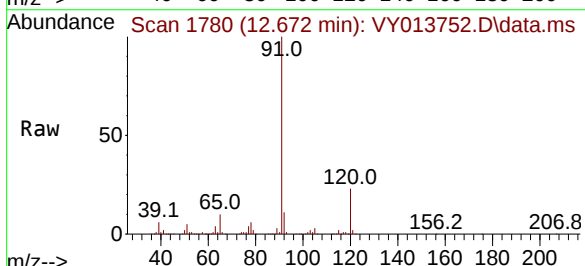
Acq: 16 May 2023 12:21

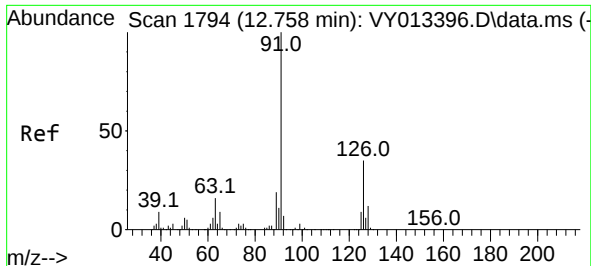
Tgt Ion: 91 Resp: 313653

Ion Ratio Lower Upper

91 100

120 22.6 11.9 35.9





#79

2-Chlorotoluene

Concen: 23.711 ug/l

RT: 12.757 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013752.D

Acq: 16 May 2023 12:21

Instrument :

MSVOA_Y

ClientSampleId :

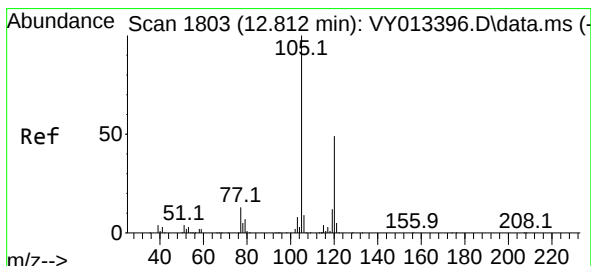
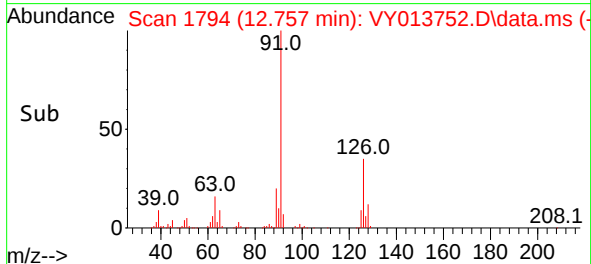
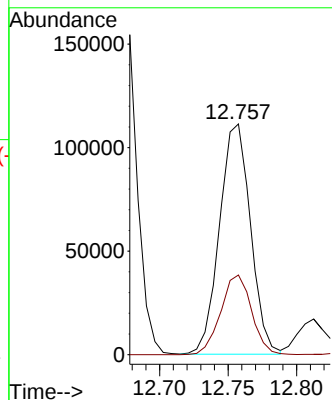
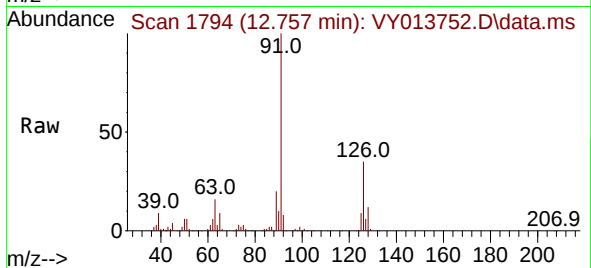
VY0516SBS01

Tgt Ion: 91 Resp: 175431

Ion Ratio Lower Upper

91 100

126 34.4 17.8 53.4



#80

1,3,5-Trimethylbenzene

Concen: 23.798 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY013752.D

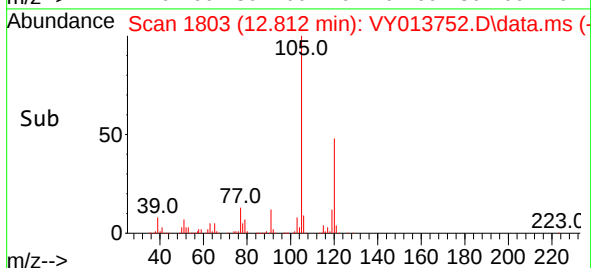
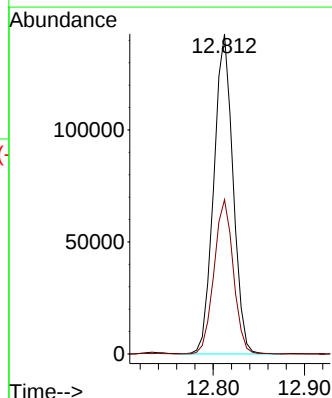
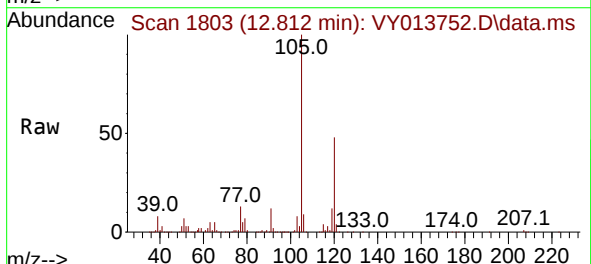
Acq: 16 May 2023 12:21

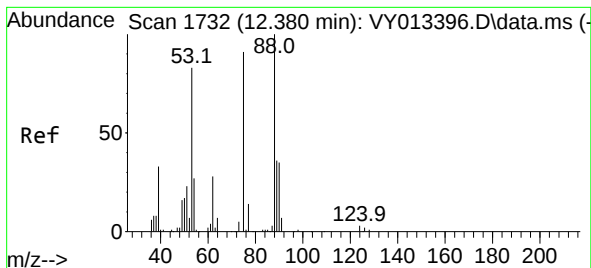
Tgt Ion:105 Resp: 208939

Ion Ratio Lower Upper

105 100

120 48.5 24.7 74.1

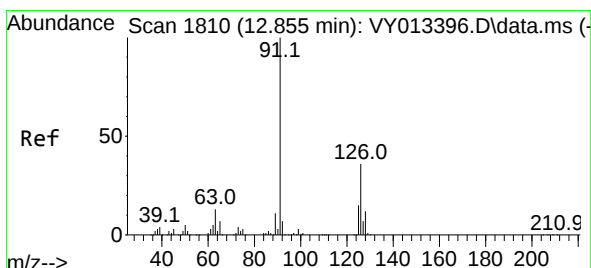
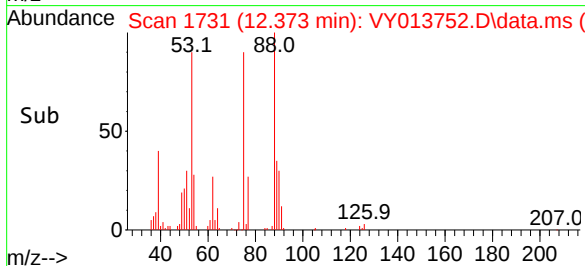
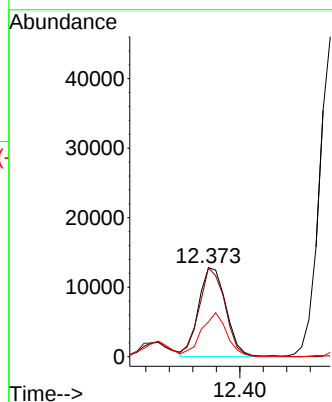
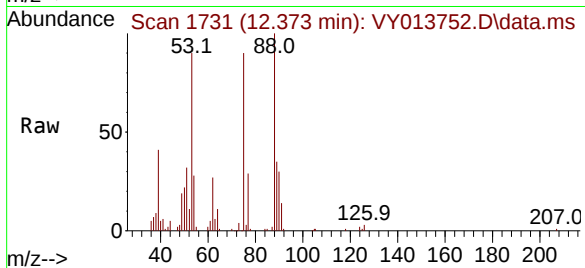




#81
trans-1,4-Dichloro-2-butene
Concen: 22.050 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY013752.D
Acq: 16 May 2023 12:21

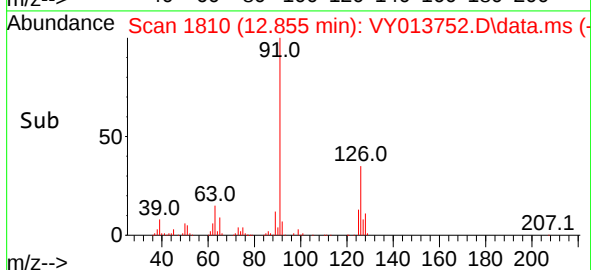
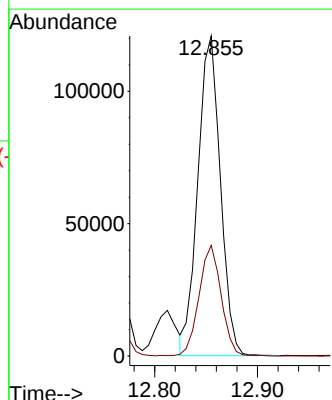
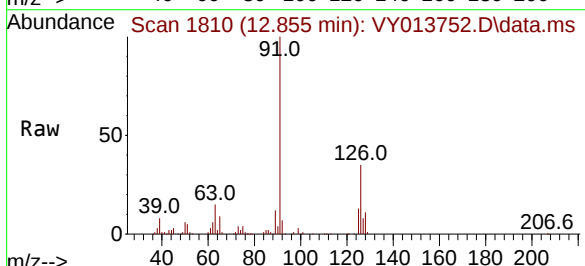
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

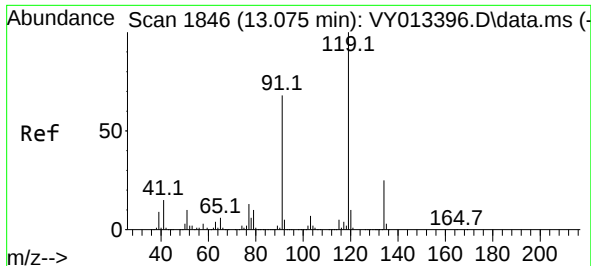
Tgt Ion: 75 Resp: 20674
Ion Ratio Lower Upper
75 100
53 94.1 73.2 109.8
89 46.2 38.0 57.0



#82
4-Chlorotoluene
Concen: 23.846 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013752.D
Acq: 16 May 2023 12:21

Tgt Ion: 91 Resp: 183893
Ion Ratio Lower Upper
91 100
126 34.1 17.9 53.8

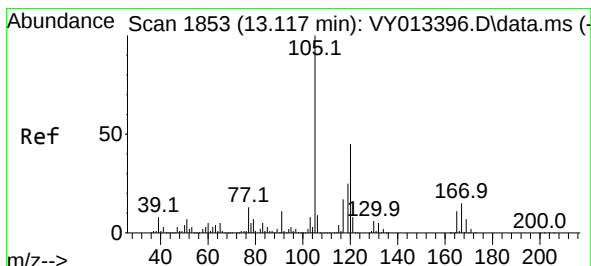
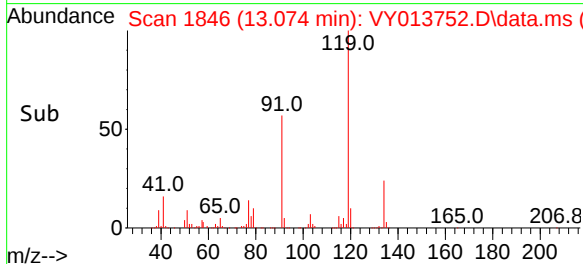
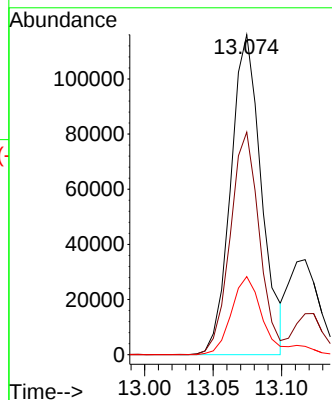
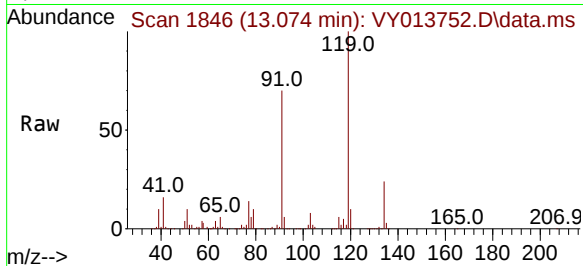




#83
tert-Butylbenzene
Concen: 23.851 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY013752.D
Acq: 16 May 2023 12:21

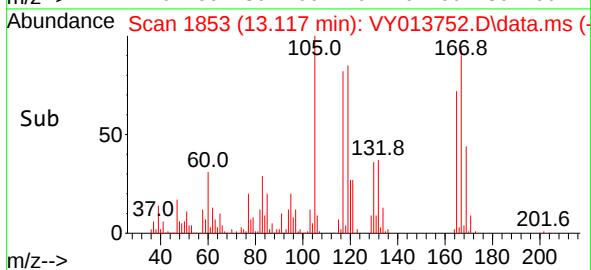
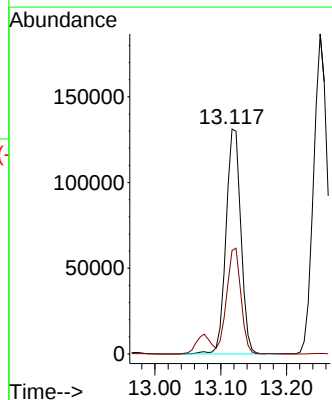
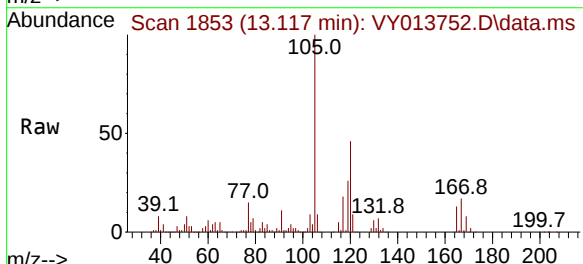
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

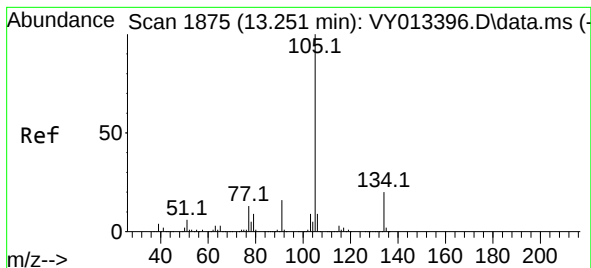
Tgt Ion:119 Resp: 181417
Ion Ratio Lower Upper
119 100
91 65.8 32.2 96.6
134 26.1 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 24.176 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY013752.D
Acq: 16 May 2023 12:21

Tgt Ion:105 Resp: 206362
Ion Ratio Lower Upper
105 100
120 45.2 22.3 66.9





#85

sec-Butylbenzene

Concen: 24.119 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013752.D

Acq: 16 May 2023 12:21

Instrument :

MSVOA_Y

ClientSampleId :

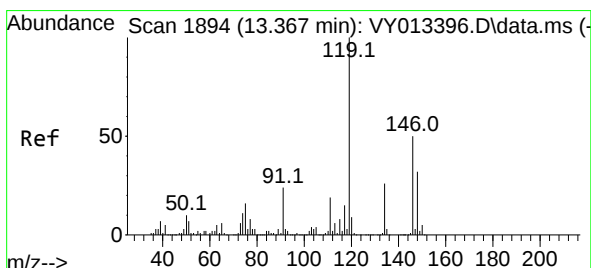
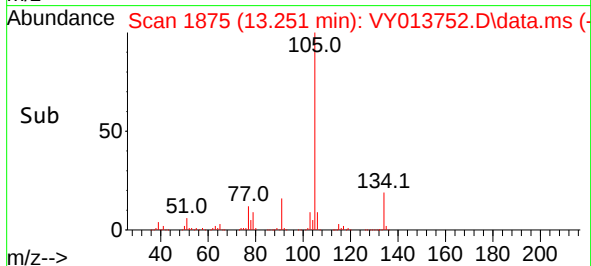
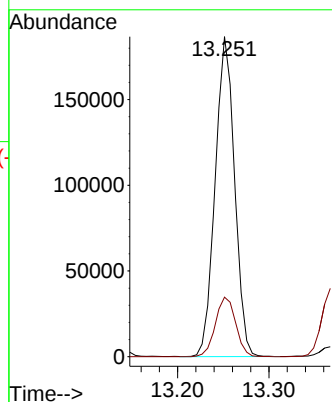
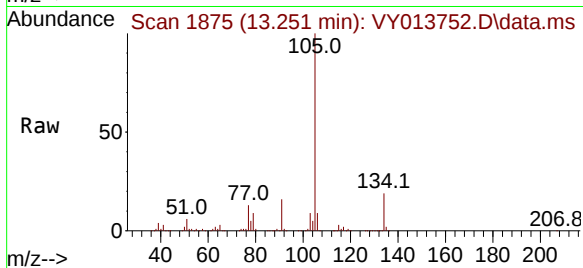
VY0516SBS01

Tgt Ion:105 Resp: 275333

Ion Ratio Lower Upper

105 100

134 19.5 10.3 30.9



#86

p-Isopropyltoluene

Concen: 24.574 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013752.D

Acq: 16 May 2023 12:21

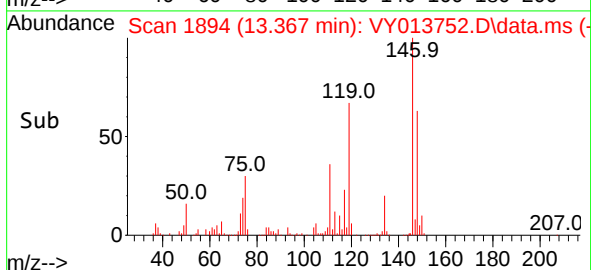
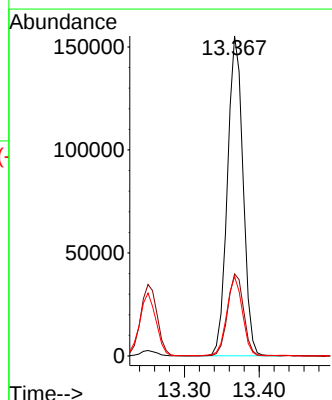
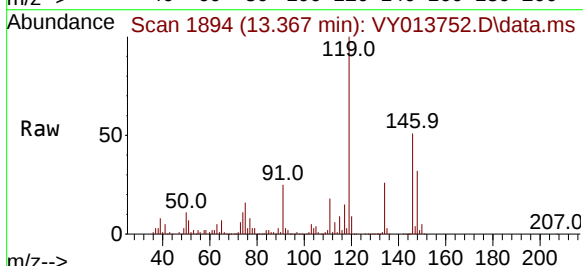
Tgt Ion:119 Resp: 225591

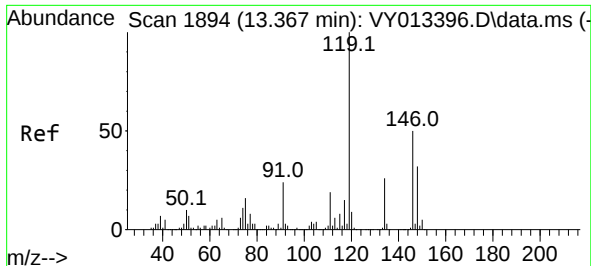
Ion Ratio Lower Upper

119 100

134 26.3 13.4 40.2

91 24.7 12.1 36.3

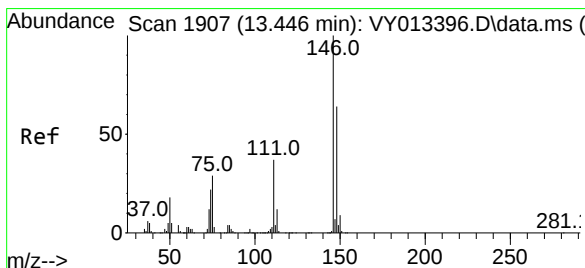
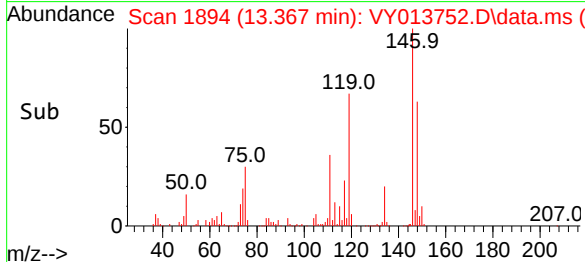
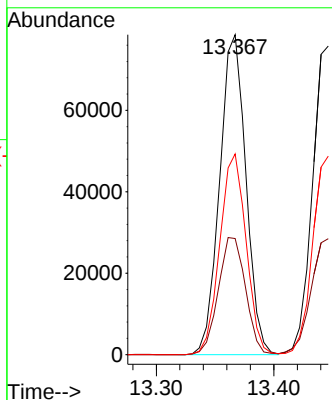
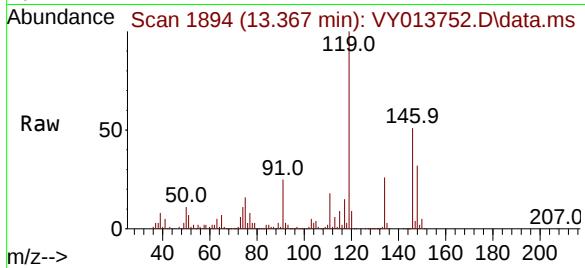




#87
 1,3-Dichlorobenzene
 Concen: 24.590 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY013752.D
 Acq: 16 May 2023 12:21

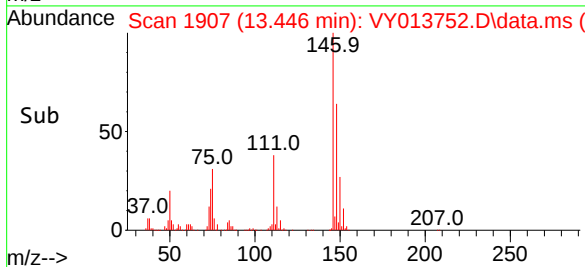
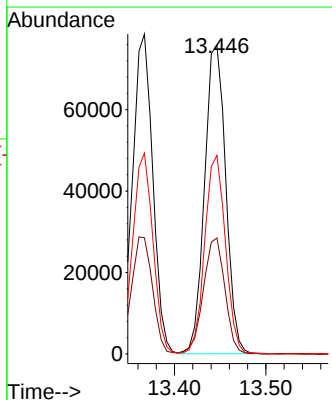
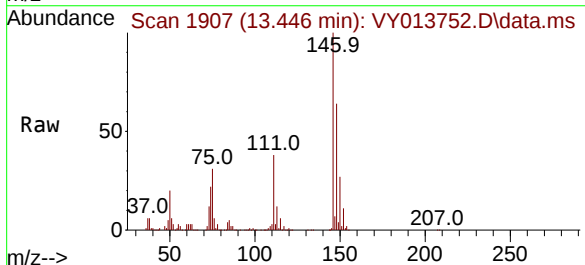
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0516SBS01

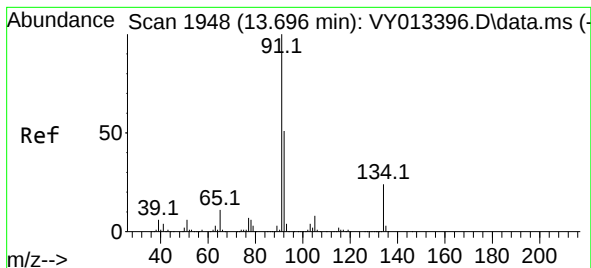
Tgt Ion:146 Resp: 122105
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.3 57.9
 148 62.9 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 24.286 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY013752.D
 Acq: 16 May 2023 12:21

Tgt Ion:146 Resp: 121820
 Ion Ratio Lower Upper
 146 100
 111 38.4 18.9 56.5
 148 63.3 31.9 95.5





#89

n-Butylbenzene

Concen: 24.352 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013752.D

Acq: 16 May 2023 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS01

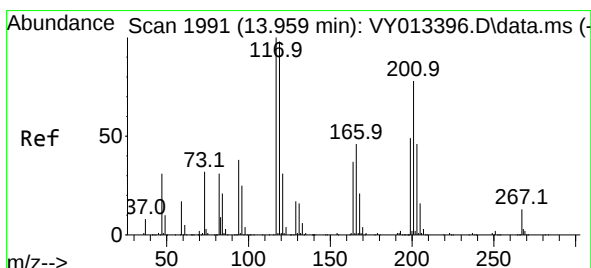
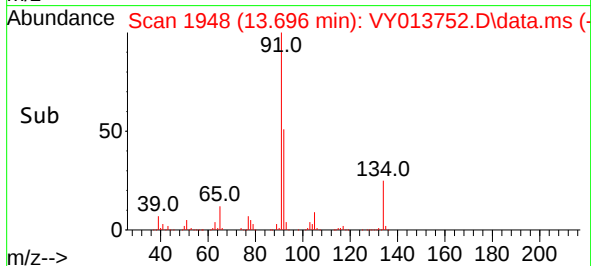
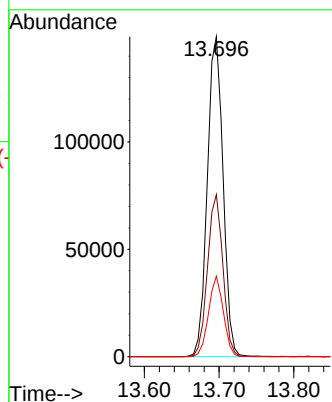
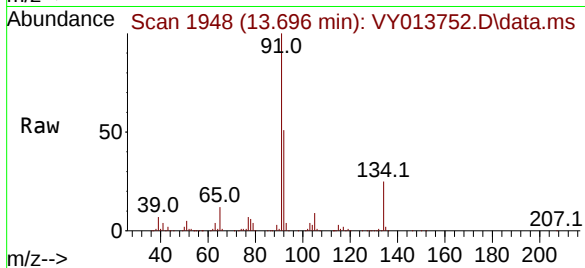
Tgt Ion: 91 Resp: 218190

Ion Ratio Lower Upper

91 100

92 49.5 25.8 77.3

134 23.7 13.5 40.4



#90

Hexachloroethane

Concen: 24.054 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY013752.D

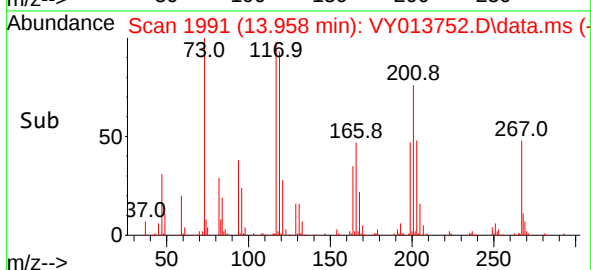
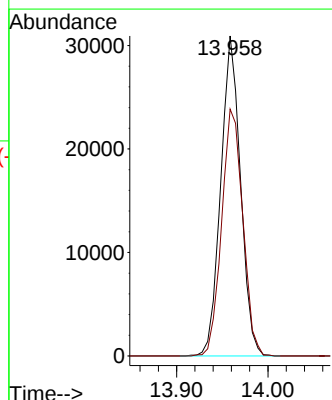
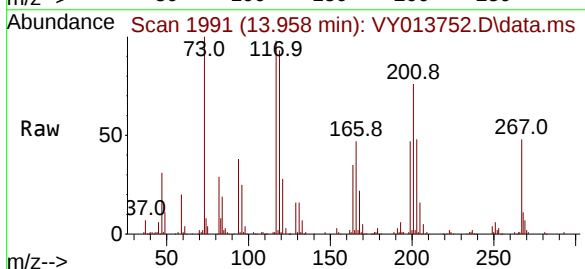
Acq: 16 May 2023 12:21

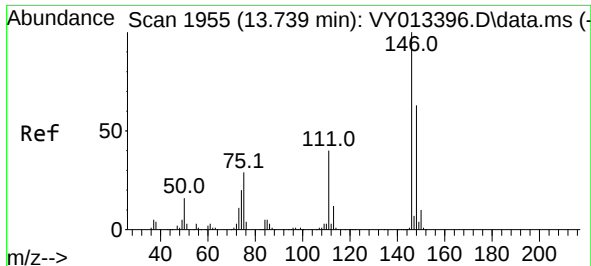
Tgt Ion: 117 Resp: 46474

Ion Ratio Lower Upper

117 100

201 82.4 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 24.426 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY013752.D

Acq: 16 May 2023 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS01

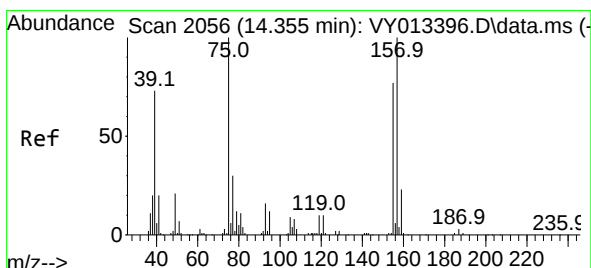
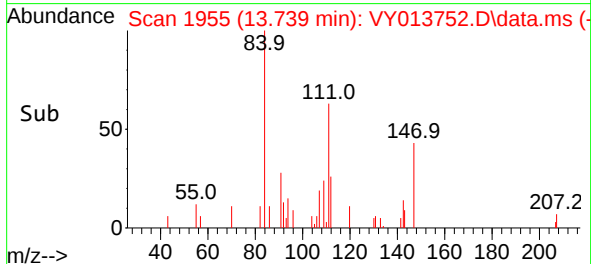
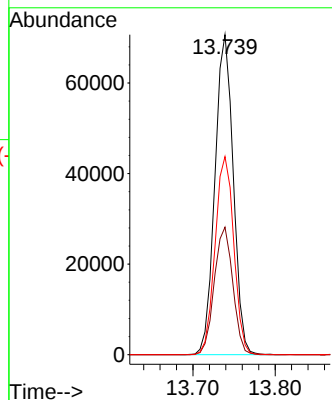
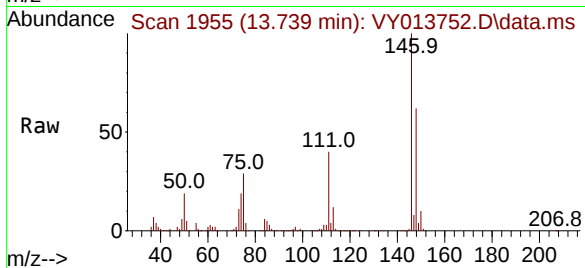
Tgt Ion:146 Resp: 109527

Ion Ratio Lower Upper

146 100

111 40.2 19.8 59.4

148 63.1 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.363 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY013752.D

Acq: 16 May 2023 12:21

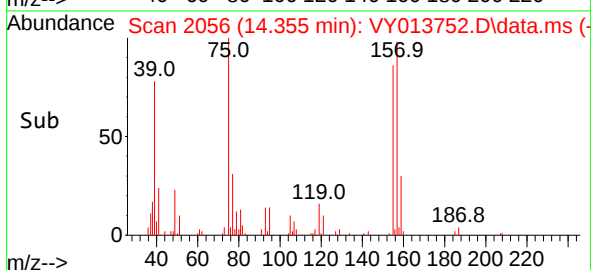
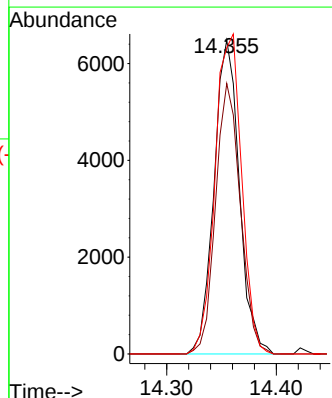
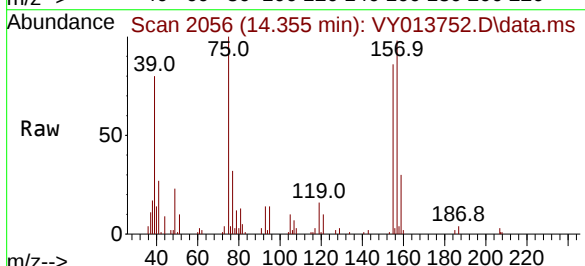
Tgt Ion: 75 Resp: 10384

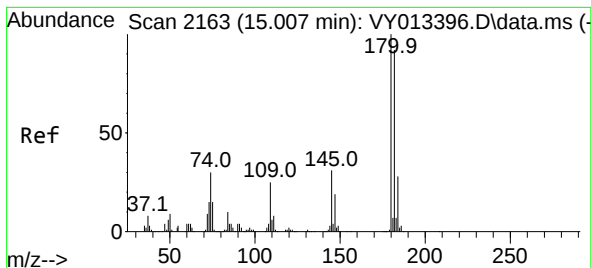
Ion Ratio Lower Upper

75 100

155 84.6 44.6 134.0

157 107.5 57.6 172.7





#93

1,2,4-Trichlorobenzene

Concen: 25.199 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013752.D

Acq: 16 May 2023 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS01

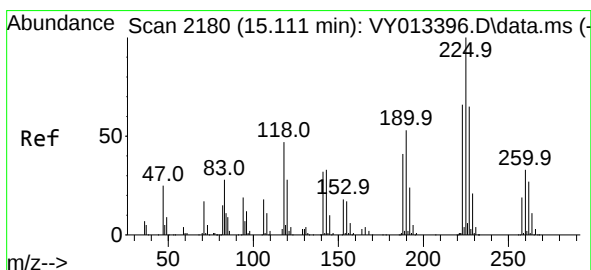
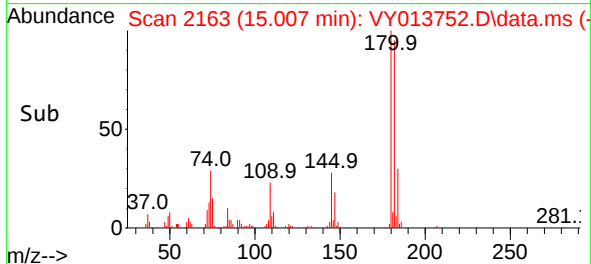
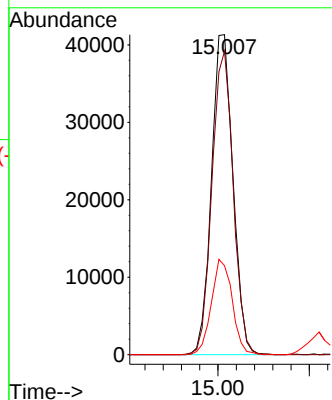
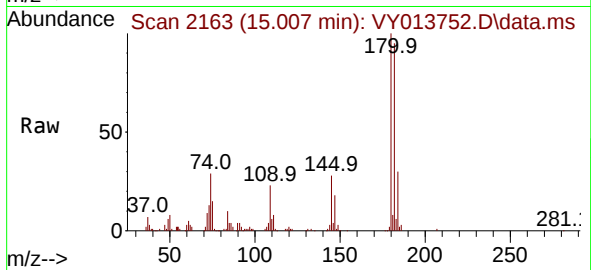
Tgt Ion:180 Resp: 67368

Ion Ratio Lower Upper

180 100

182 93.8 48.5 145.5

145 28.9 15.0 45.0



#94

Hexachlorobutadiene

Concen: 27.262 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013752.D

Acq: 16 May 2023 12:21

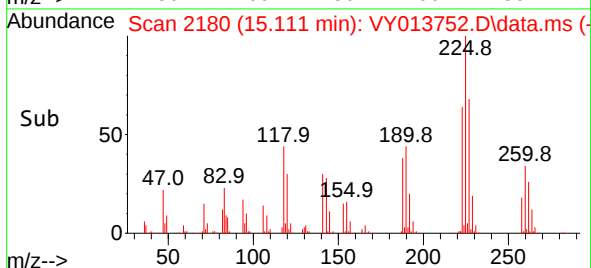
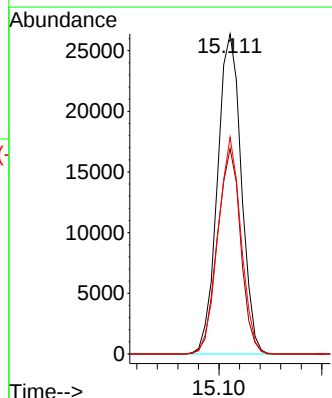
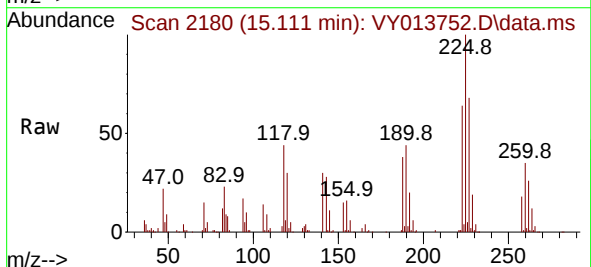
Tgt Ion:225 Resp: 42416

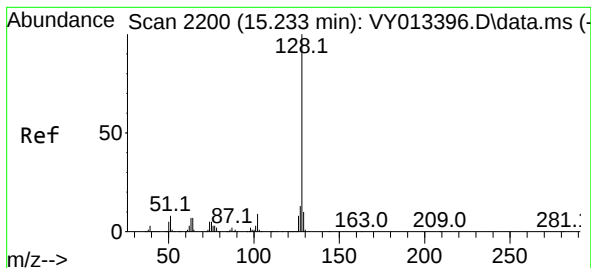
Ion Ratio Lower Upper

225 100

223 62.5 31.4 94.2

227 65.0 32.0 96.0





#95

Naphthalene

Concen: 22.560 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY013752.D

Acq: 16 May 2023 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS01

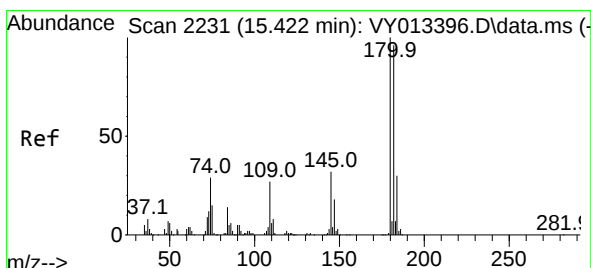
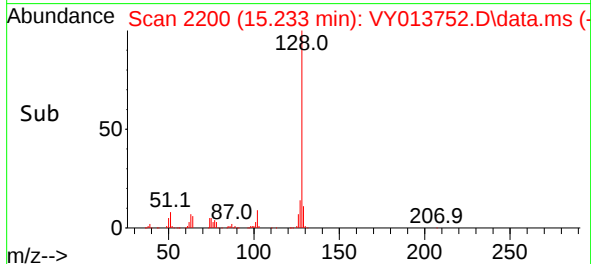
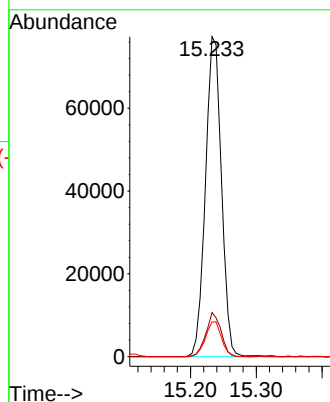
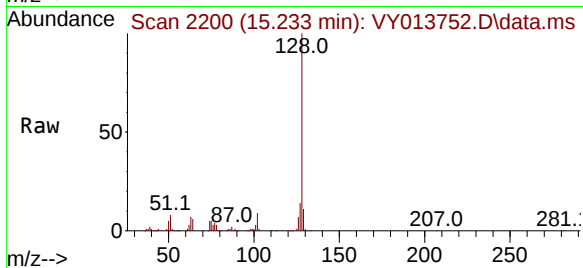
Tgt Ion:128 Resp: 130859

Ion Ratio Lower Upper

128 100

127 13.1 10.7 16.1

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 25.902 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013752.D

Acq: 16 May 2023 12:21

Tgt Ion:180 Resp: 61720

Ion Ratio Lower Upper

180 100

182 94.4 47.1 141.3

145 31.2 15.9 47.7

