

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121923\
 Data File : VY016690.D
 Acq On : 19 Dec 2023 11:18
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 20 05:27:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 20 05:26:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	167055	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.710	114	255959	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	218631	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	105047	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	14496	10.491	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	20.980%#
35) Dibromofluoromethane	7.746	113	15173	10.065	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	20.120%#
50) Toluene-d8	10.197	98	53794	9.853	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	19.700%#
62) 4-Bromofluorobenzene	12.496	95	15645	10.078	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	20.160%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	15722	10.329	ug/l	98
3) Chloromethane	2.125	50	28781	8.575	ug/l	100
4) Vinyl Chloride	2.266	62	35921	11.133	ug/l	95
5) Bromomethane	2.668	94	27340	9.766	ug/l	96
6) Chloroethane	2.808	64	27182	11.256	ug/l	98
7) Trichlorofluoromethane	3.150	101	31395	11.102	ug/l	95
8) Diethyl Ether	3.552	74	8229	10.871	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.924	101	17264	11.252	ug/l	96
10) Methyl Iodide	4.119	142	17902	10.275	ug/l	96
11) Tert butyl alcohol	4.966	59	2841	7.084	ug/l #	73
12) 1,1-Dichloroethene	3.893	96	15302	10.996	ug/l	99
13) Acrolein	3.759	56	4936	52.764	ug/l	100
14) Allyl chloride	4.503	41	18325	10.547	ug/l	88
15) Acrylonitrile	5.192	53	15896	52.451	ug/l	95
16) Acetone	3.967	43	21765	45.704	ug/l	98
17) Carbon Disulfide	4.223	76	39494	10.605	ug/l	100
18) Methyl Acetate	4.503	43	12327	10.296	ug/l	96
19) Methyl tert-butyl Ether	5.253	73	34479	10.257	ug/l	96
20) Methylene Chloride	4.747	84	20237	9.235	ug/l	96
21) trans-1,2-Dichloroethene	5.253	96	16404	10.423	ug/l	99
22) Diisopropyl ether	6.149	45	42160	10.601	ug/l	91
23) Vinyl Acetate	6.088	43	101507	52.198	ug/l	97
24) 1,1-Dichloroethane	6.045	63	30358	11.085	ug/l	98
25) 2-Butanone	7.015	43	23962	47.288	ug/l	92
26) 2,2-Dichloropropane	7.009	77	26497	10.653	ug/l	95
27) cis-1,2-Dichloroethene	7.015	96	19096	10.735	ug/l	96
28) Bromochloromethane	7.356	49	10061	10.117	ug/l	88
29) Tetrahydrofuran	7.374	42	11609	51.893	ug/l	98
30) Chloroform	7.533	83	32729	11.139	ug/l	99
31) Cyclohexane	7.813	56	24915	11.016	ug/l #	91
32) 1,1,1-Trichloroethane	7.728	97	28466	10.910	ug/l	96
36) 1,1-Dichloropropene	7.941	75	22431	9.837	ug/l	98
37) Ethyl Acetate	7.094	43	8993	10.297	ug/l #	96
38) Carbon Tetrachloride	7.923	117	25862	10.511	ug/l	96
39) Methylcyclohexane	9.203	83	26516	10.100	ug/l	90
40) Benzene	8.185	78	69090	10.545	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	4898	10.560	ug/l #	88
42) 1,2-Dichloroethane	8.258	62	19339	10.431	ug/l	96
43) Isopropyl Acetate	8.295	43	16628	9.913	ug/l #	79
44) Trichloroethene	8.966	130	19000	10.538	ug/l	96
45) 1,2-Dichloropropane	9.234	63	16685	10.655	ug/l	93
46) Dibromomethane	9.325	93	9208	10.413	ug/l	98
47) Bromodichloromethane	9.514	83	24726	10.709	ug/l	97
48) Methyl methacrylate	9.313	41	8949	9.833	ug/l #	82
49) 1,4-Dioxane	9.325	88	1468	180.303	ug/l #	96
51) 4-Methyl-2-Pentanone	10.087	43	41942	48.715	ug/l	94
52) Toluene	10.264	92	40549	10.115	ug/l	94
53) t-1,3-Dichloropropene	10.484	75	20216	9.779	ug/l	96
54) cis-1,3-Dichloropropene	9.947	75	24877	10.155	ug/l #	88
55) 1,1,2-Trichloroethane	10.660	97	12826	10.500	ug/l	99
56) Ethyl methacrylate	10.526	69	9396	9.452	ug/l #	91
57) 1,3-Dichloropropane	10.807	76	20790	10.314	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.801	63	27149	56.199	ug/l	96
59) 2-Hexanone	10.849	43	32756	52.219	ug/l	92
60) Dibromochloromethane	11.002	129	15320	10.329	ug/l	99
61) 1,2-Dibromoethane	11.106	107	11103	10.092	ug/l	99
64) Tetrachloroethene	10.740	164	15212	10.087	ug/l	92
65) Chlorobenzene	11.532	112	44852	10.359	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.605	131	16840	10.040	ug/l	99
67) Ethyl Benzene	11.612	91	75796	9.799	ug/l	100
68) m/p-Xylenes	11.721	106	57394	19.575	ug/l	99
69) o-Xylene	12.044	106	26177	9.773	ug/l	98
70) Styrene	12.063	104	37221	9.624	ug/l	97
71) Bromoform	12.227	173	8900	10.244	ug/l #	95
73) Isopropylbenzene	12.343	105	71292	9.815	ug/l	99
74) N-amyl acetate	12.160	43	12651	9.626	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.599	83	13704	10.140	ug/l	98
76) 1,2,3-Trichloropropane	12.648	75	16777	18.373	ug/l #	100
77) Bromobenzene	12.624	156	17625	10.064	ug/l	98
78) n-propylbenzene	12.685	91	85311	9.907	ug/l	99
79) 2-Chlorotoluene	12.776	91	46078	9.990	ug/l	100
80) 1,3,5-Trimethylbenzene	12.825	105	55578	9.765	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.392	75	3839	9.646	ug/l #	82
82) 4-Chlorotoluene	12.874	91	48496	10.168	ug/l	99
83) tert-Butylbenzene	13.093	119	51183	9.994	ug/l	98
84) 1,2,4-Trimethylbenzene	13.136	105	54815	9.608	ug/l	100
85) sec-Butylbenzene	13.270	105	73373	9.934	ug/l	99
86) p-Isopropyltoluene	13.386	119	60862	9.426	ug/l	98
87) 1,3-Dichlorobenzene	13.380	146	34231	9.878	ug/l	97
88) 1,4-Dichlorobenzene	13.459	146	34831	10.491	ug/l	97
89) n-Butylbenzene	13.709	91	57661	9.769	ug/l	97
90) Hexachloroethane	13.977	117	13486	10.480	ug/l	95
91) 1,2-Dichlorobenzene	13.757	146	29734	10.443	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.373	75	1906	10.756	ug/l	91
93) 1,2,4-Trichlorobenzene	15.019	180	17614	10.350	ug/l	98
94) Hexachlorobutadiene	15.123	225	11789	10.960	ug/l	97
95) Naphthalene	15.251	128	26728	9.811	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	14943	10.381	ug/l	99

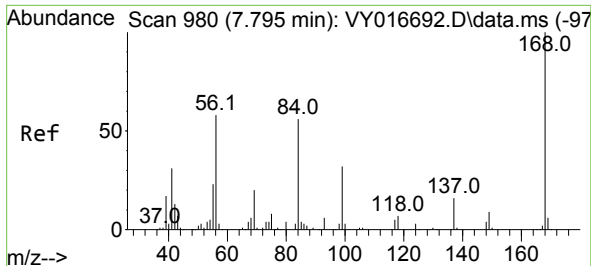
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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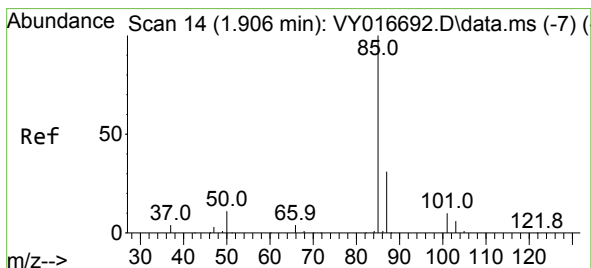
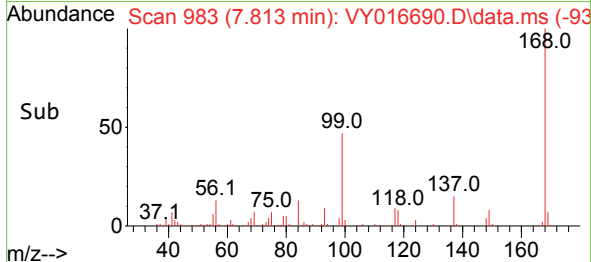
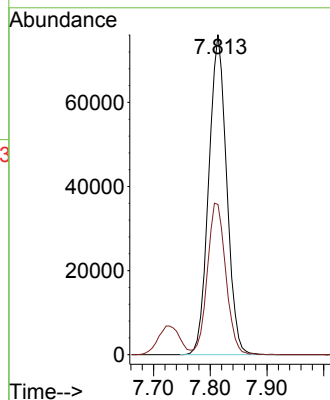
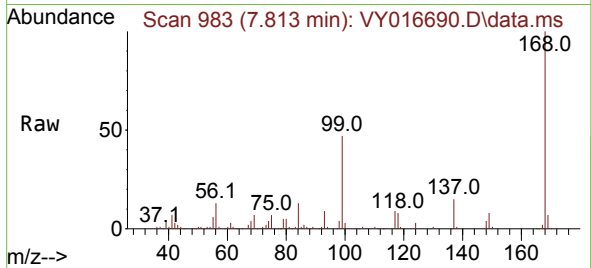
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 9
Delta R.T. 0.018 min
Lab File: VY016690.D
Acq: 19 Dec 2023 11:18

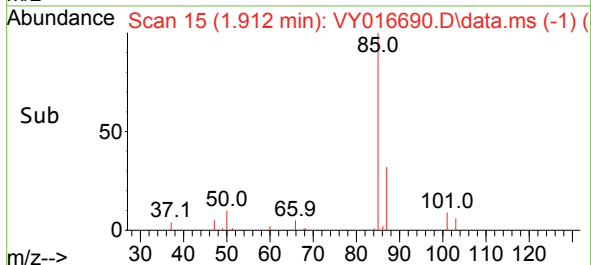
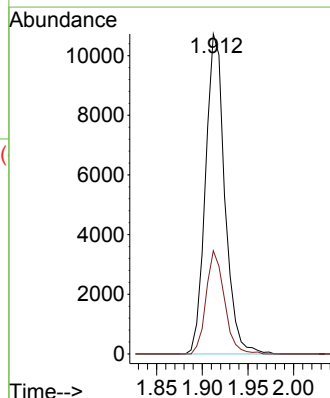
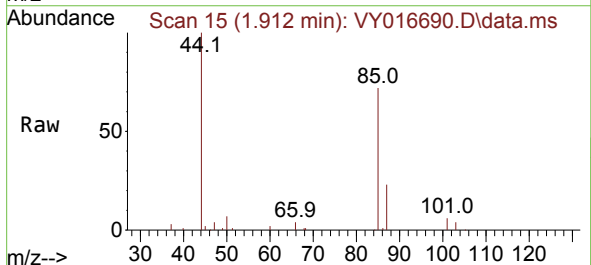
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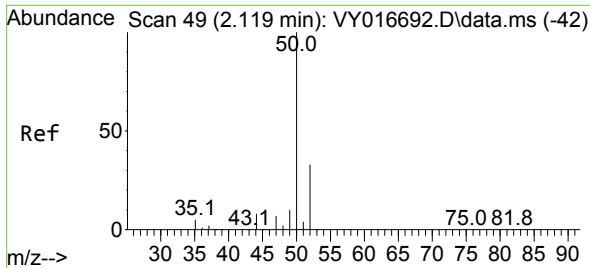
Tgt Ion:168 Resp: 167055
Ion Ratio Lower Upper
168 100
99 46.9 40.2 60.4



#2
Dichlorodifluoromethane
Concen: 10.329 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY016690.D
Acq: 19 Dec 2023 11:18

Tgt Ion: 85 Resp: 15722
Ion Ratio Lower Upper
85 100
87 32.3 15.6 46.8

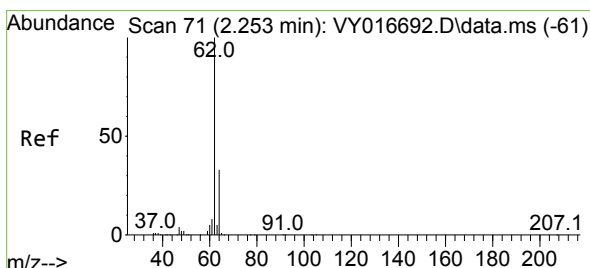
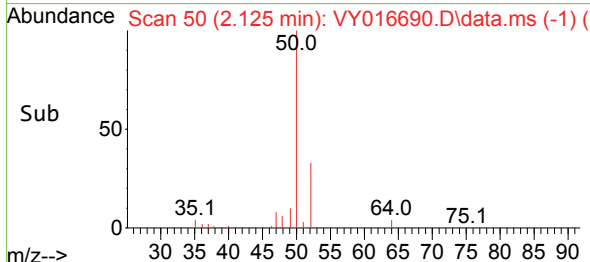
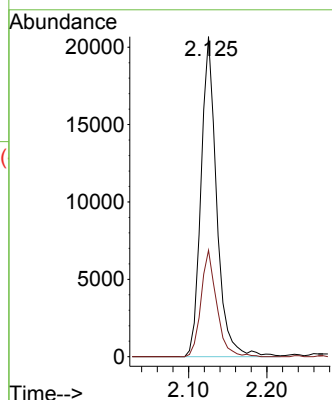
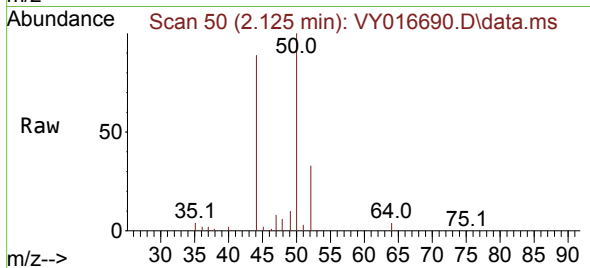




#3
 Chloromethane
 Concen: 8.575 ug/l
 RT: 2.125 min Scan# 50
 Delta R.T. 0.006 min
 Lab File: VY016690.D
 Acq: 19 Dec 2023 11:18

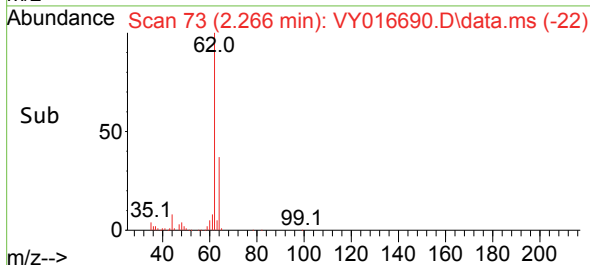
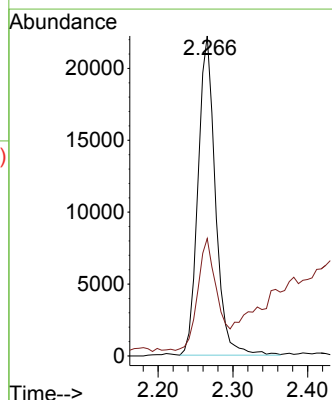
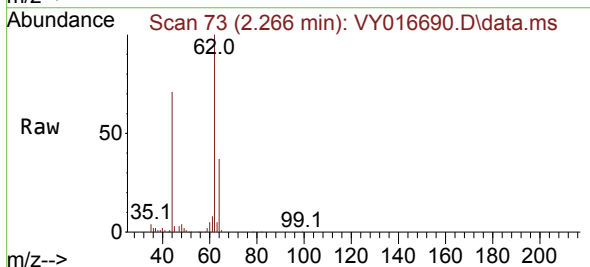
Instrument :
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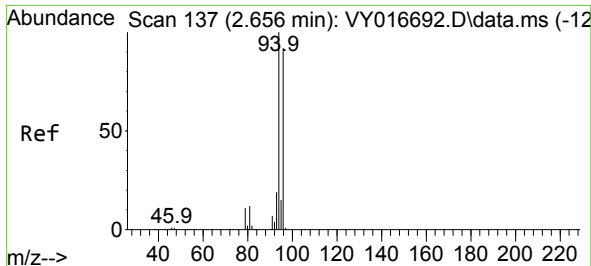
Tgt Ion: 50 Resp: 28781
 Ion Ratio Lower Upper
 50 100
 52 33.2 26.6 40.0



#4
 Vinyl Chloride
 Concen: 11.133 ug/l
 RT: 2.266 min Scan# 73
 Delta R.T. 0.012 min
 Lab File: VY016690.D
 Acq: 19 Dec 2023 11:18

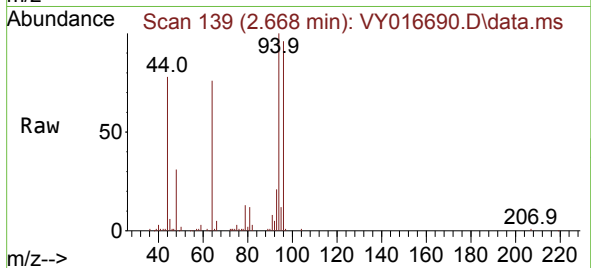
Tgt Ion: 62 Resp: 35921
 Ion Ratio Lower Upper
 62 100
 64 34.6 25.4 38.2



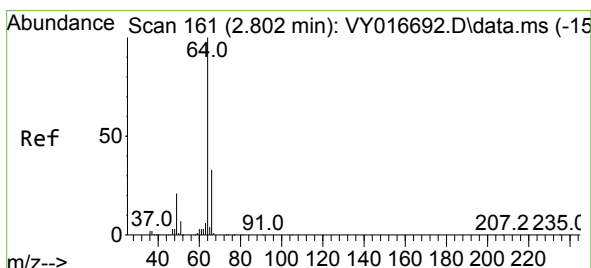
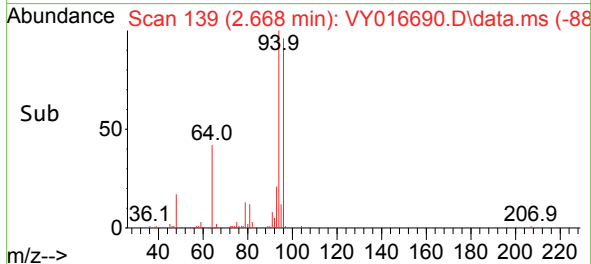
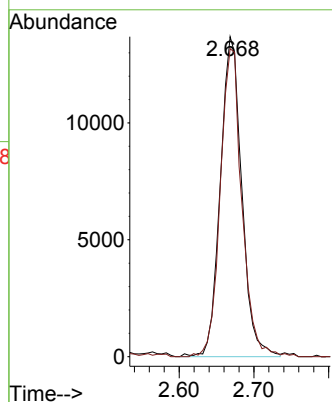


#5
Bromomethane
Concen: 9.766 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016690.D
Acq: 19 Dec 2023 11:18

Instrument :
MSVOA_Y
ClientSampleId :

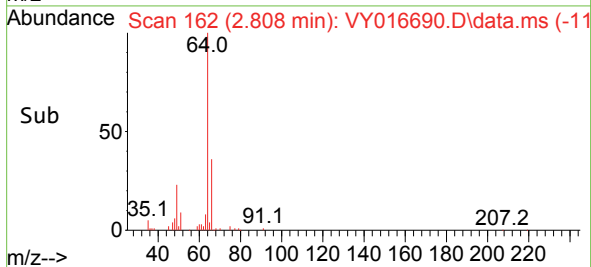
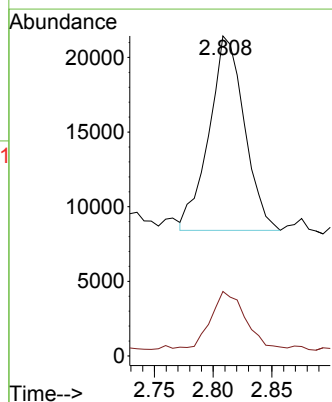
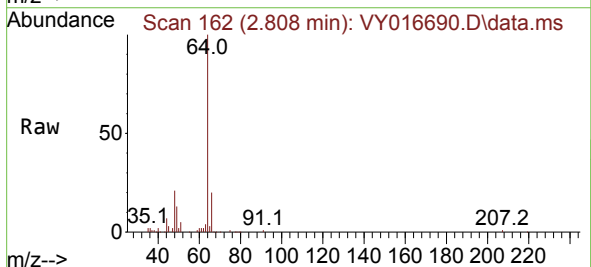


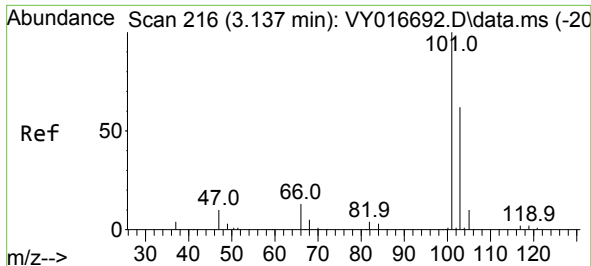
Tgt Ion: 94 Resp: 27340
Ion Ratio Lower Upper
94 100
96 96.3 74.0 111.0



#6
Chloroethane
Concen: 11.256 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.006 min
Lab File: VY016690.D
Acq: 19 Dec 2023 11:18

Tgt Ion: 64 Resp: 27182
Ion Ratio Lower Upper
64 100
66 28.6 24.0 36.0

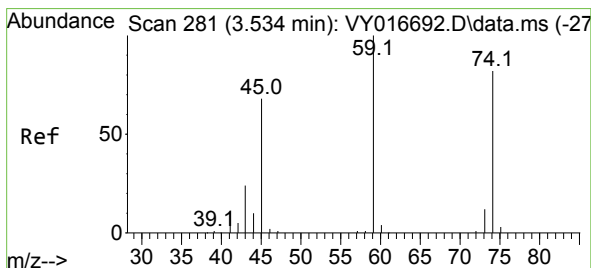
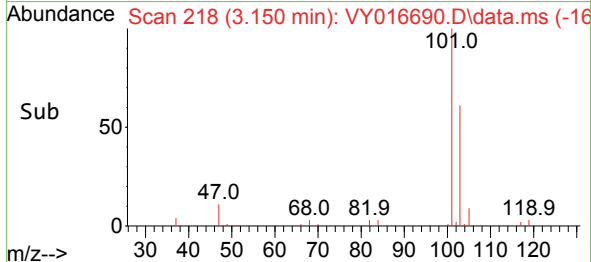
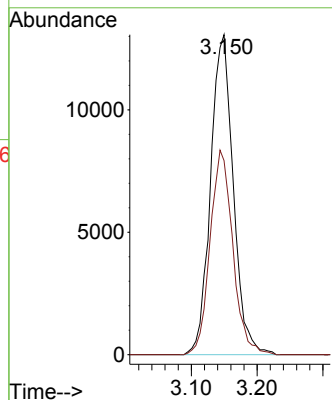
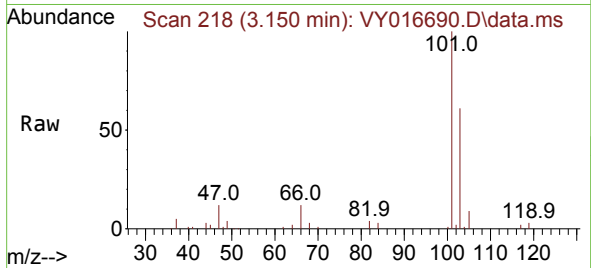




#7
 Trichlorofluoromethane
 Concen: 11.102 ug/l
 RT: 3.150 min Scan# 216
 Delta R.T. 0.012 min
 Lab File: VY016690.D
 Acq: 19 Dec 2023 11:18

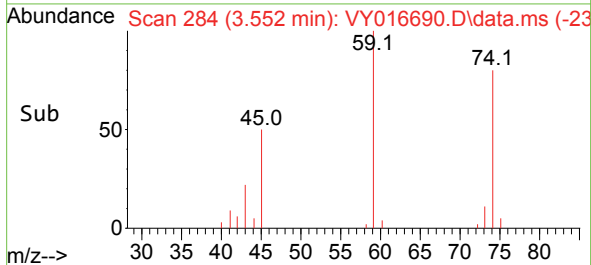
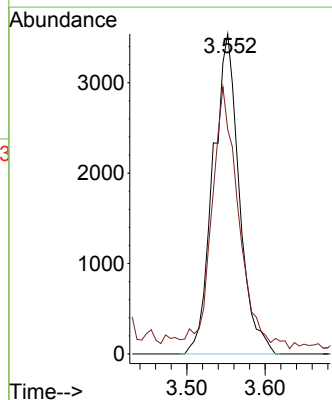
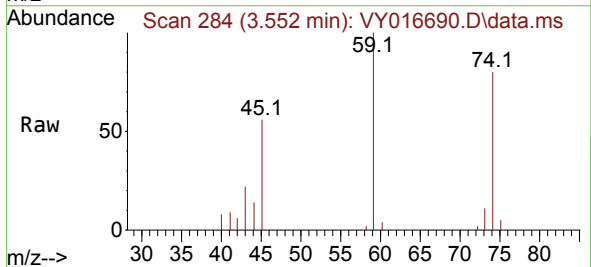
Instrument :
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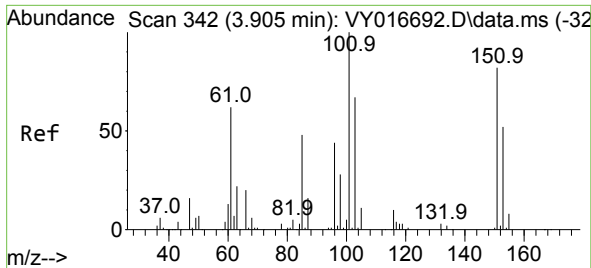
Tgt Ion:101 Resp: 31395
 Ion Ratio Lower Upper
 101 100
 103 60.7 51.7 77.5



#8
 Diethyl Ether
 Concen: 10.871 ug/l
 RT: 3.552 min Scan# 284
 Delta R.T. 0.018 min
 Lab File: VY016690.D
 Acq: 19 Dec 2023 11:18

Tgt Ion: 74 Resp: 8229
 Ion Ratio Lower Upper
 74 100
 45 84.2 44.3 132.9

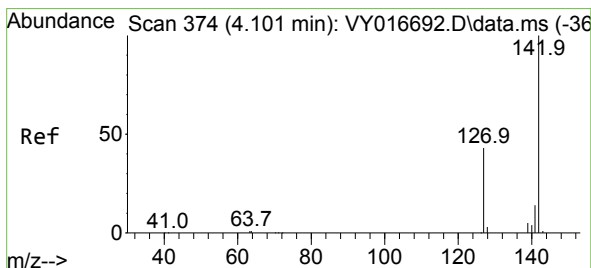
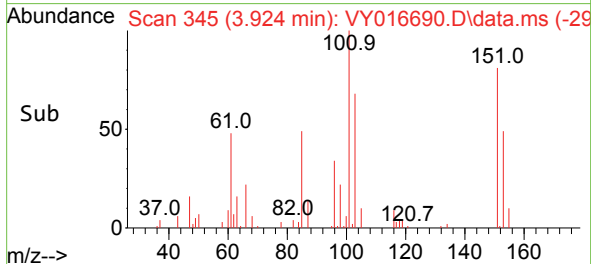
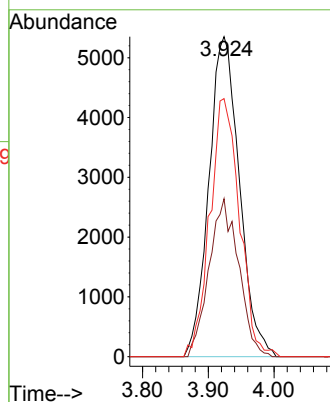
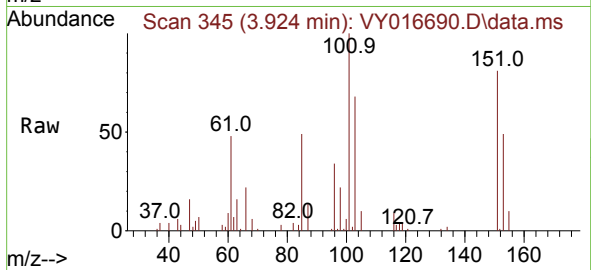




#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.252 ug/l
RT: 3.924 min Scan# 342
Delta R.T. 0.018 min
Lab File: VY016690.D
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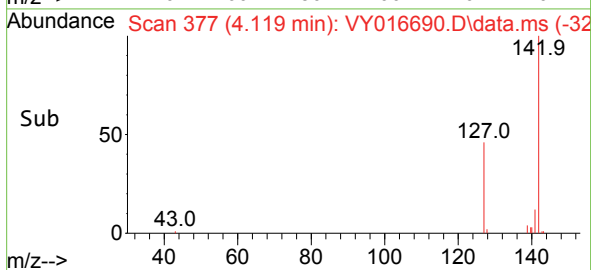
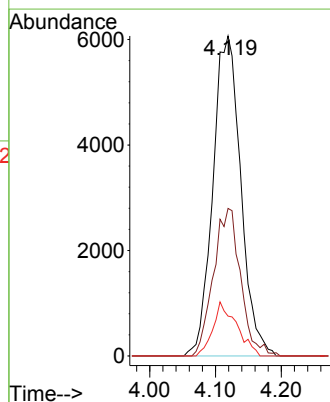
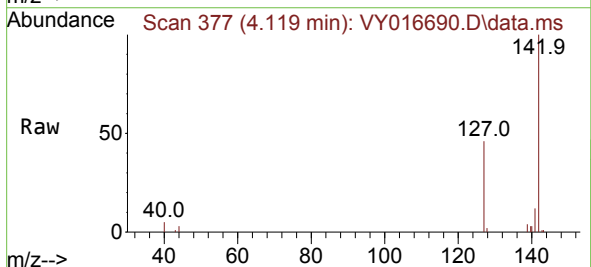
Instrument :
MSVOA_Y
ClientSampleId :

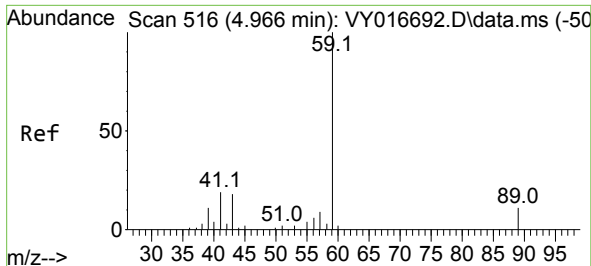
Tgt Ion:101 Resp: 17264
Ion Ratio Lower Upper
101 100
85 47.8 35.0 52.4
151 78.4 61.0 91.4



#10
Methyl Iodide
Concen: 10.275 ug/l
RT: 4.119 min Scan# 377
Delta R.T. 0.018 min
Lab File: VY016690.D
Acq: 19 Dec 2023 11:18

Tgt Ion:142 Resp: 17902
Ion Ratio Lower Upper
142 100
127 44.9 33.6 50.4
141 14.4 12.0 18.0

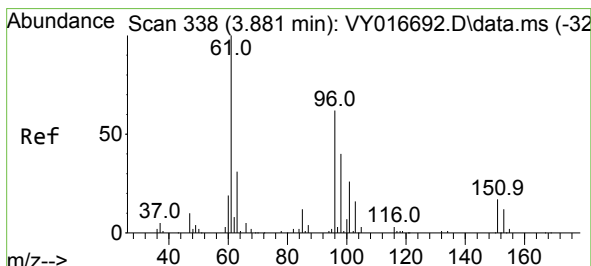
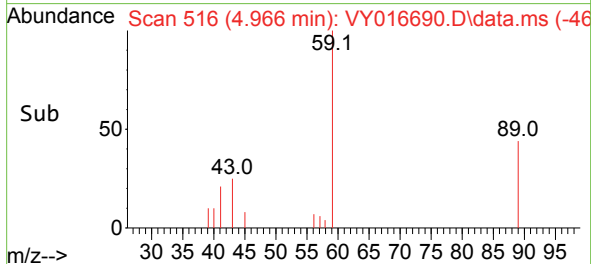
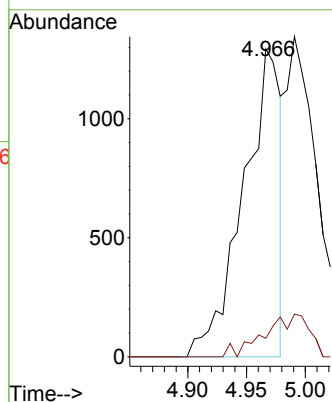
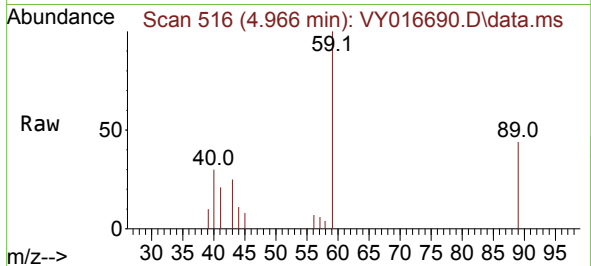




#11
Tert butyl alcohol
Concen: 7.084 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.000 min
Lab File: VY016690.D
Acq: 19 Dec 2023 11:18

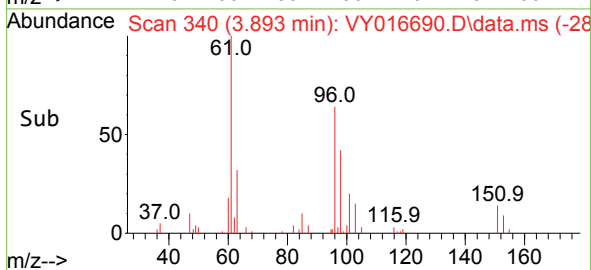
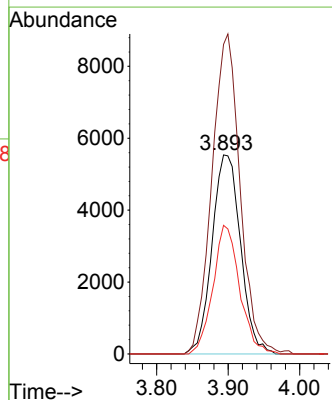
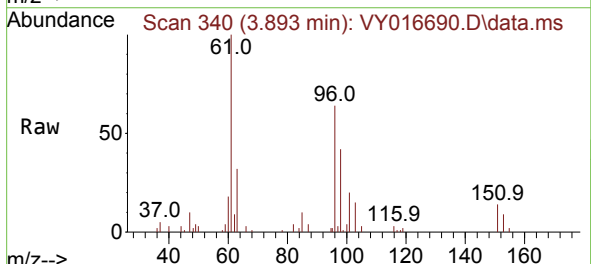
Instrument :
MSVOA_Y
ClientSampleId :

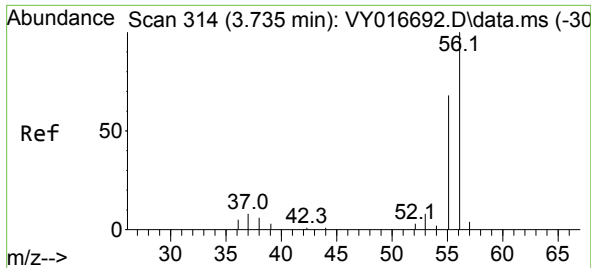
Tgt Ion: 59 Resp: 2841
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#



#12
1,1-Dichloroethene
Concen: 10.996 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.012 min
Lab File: VY016690.D
Acq: 19 Dec 2023 11:18

Tgt Ion: 96 Resp: 15302
Ion Ratio Lower Upper
96 100
61 155.5 123.9 185.9
98 64.6 50.1 75.1





#13

Acrolein

Concen: 52.764 ug/l

RT: 3.759 min Scan# 314

Delta R.T. 0.024 min

Lab File: VY016690.D

Acq: 19 Dec 2023 11:18

Instrument :

MSVOA_Y

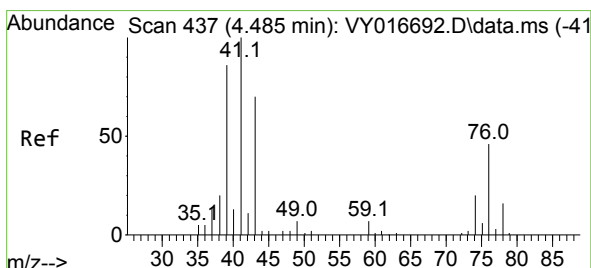
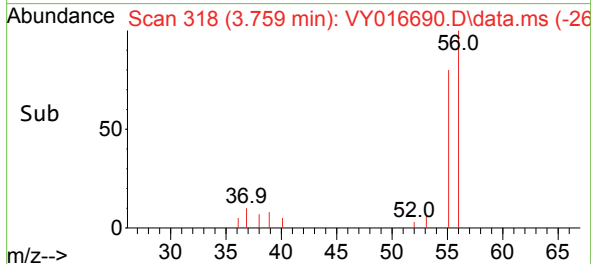
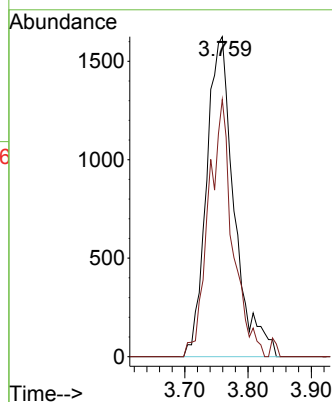
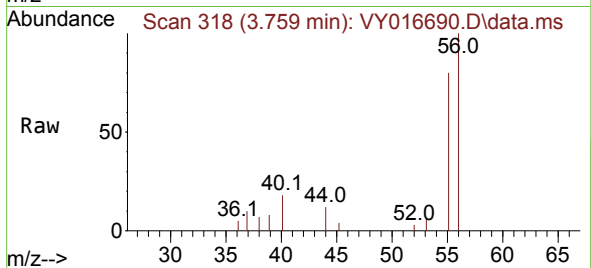
ClientSampleId :

Tgt Ion: 56 Resp: 4936

Ion Ratio Lower Upper

56 100

55 70.4 56.5 84.7



#14

Allyl chloride

Concen: 10.547 ug/l

RT: 4.503 min Scan# 440

Delta R.T. 0.018 min

Lab File: VY016690.D

Acq: 19 Dec 2023 11:18

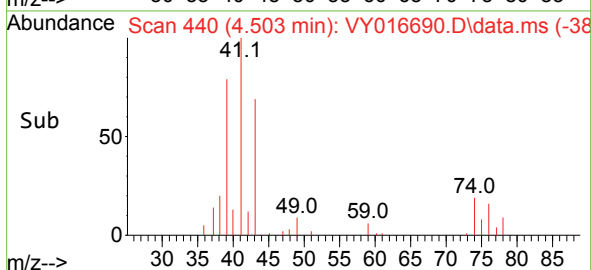
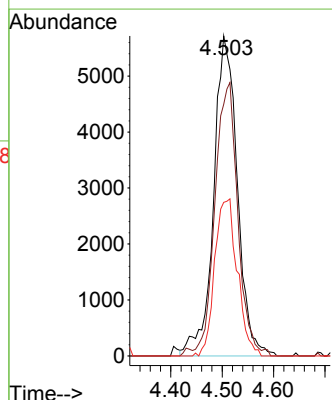
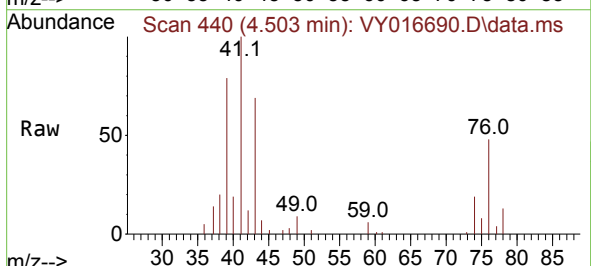
Tgt Ion: 41 Resp: 18325

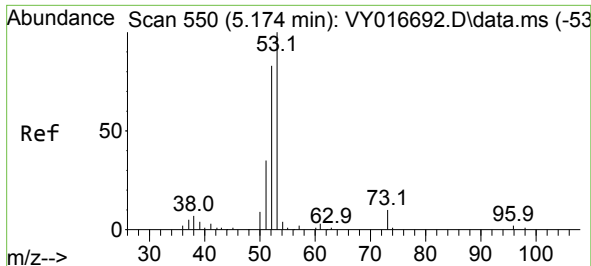
Ion Ratio Lower Upper

41 100

39 82.9 56.4 84.6

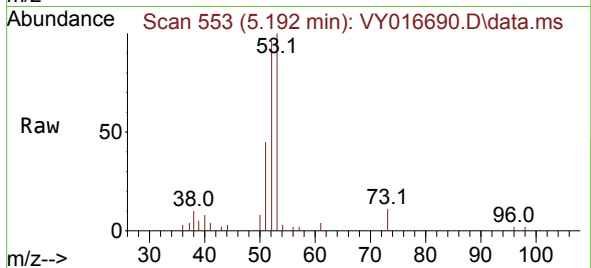
76 46.8 34.3 51.5



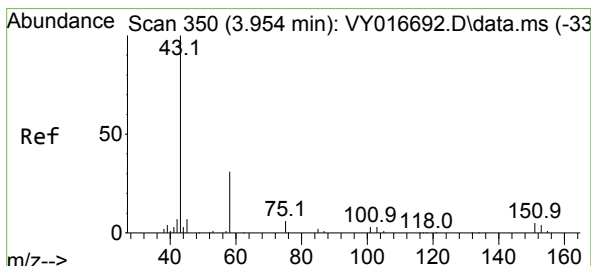
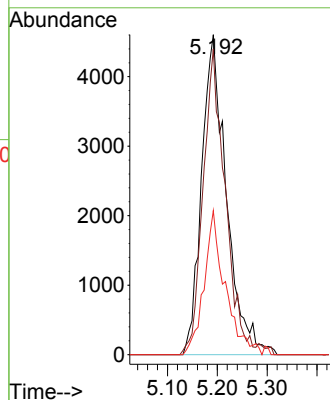
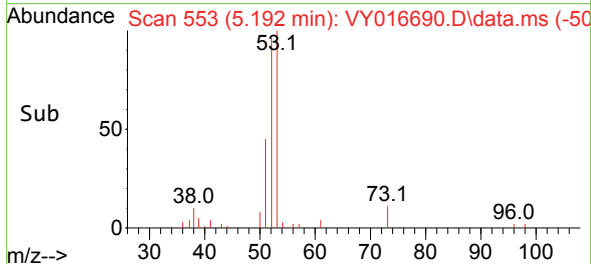


#15
Acrylonitrile
Concen: 52.451 ug/l
RT: 5.192 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY016690.D
Acq: 19 Dec 2023 11:18

Instrument :
MSVOA_Y
ClientSampleId :

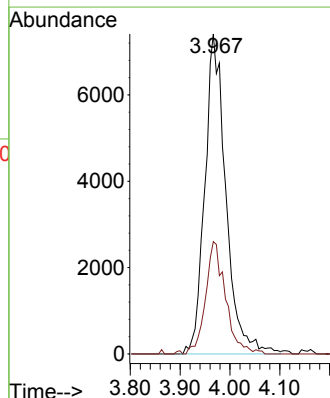
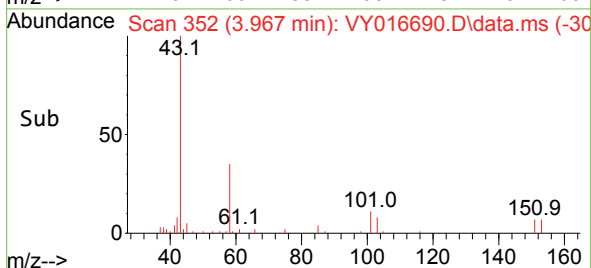
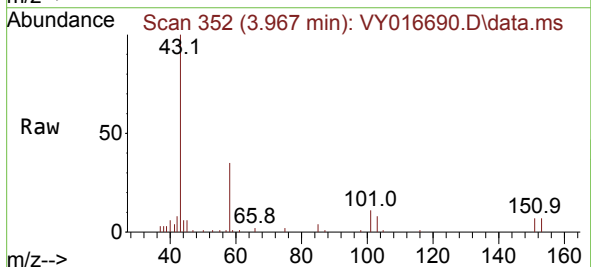


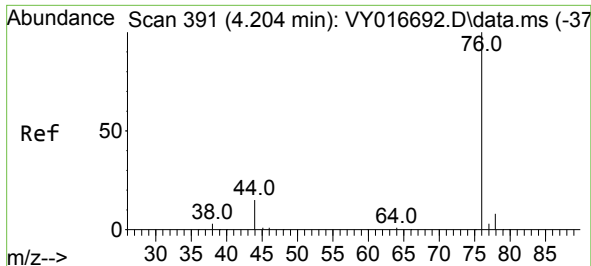
Tgt Ion: 53 Resp: 15896
Ion Ratio Lower Upper
53 100
52 85.2 64.3 96.5
51 38.3 28.3 42.5



#16
Acetone
Concen: 45.704 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.013 min
Lab File: VY016690.D
Acq: 19 Dec 2023 11:18

Tgt Ion: 43 Resp: 21765
Ion Ratio Lower Upper
43 100
58 35.1 29.0 43.4





#17

Carbon Disulfide

Concen: 10.605 ug/l

RT: 4.223 min Scan# 391

Delta R.T. 0.018 min

Lab File: VY016690.D

Acq: 19 Dec 2023 11:18

Instrument :

MSVOA_Y

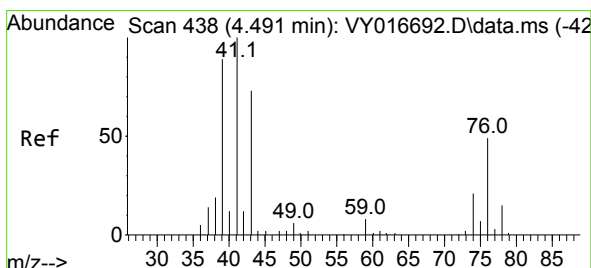
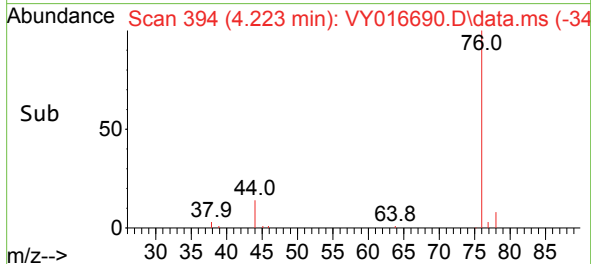
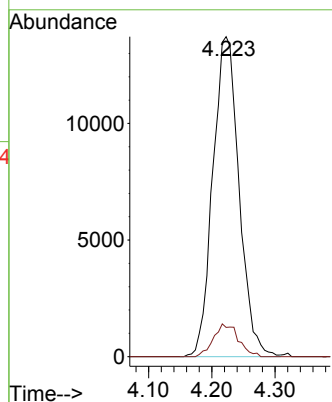
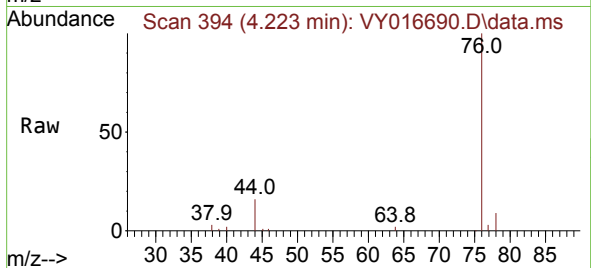
ClientSampleId :

Tgt Ion: 76 Resp: 39494

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9



#18

Methyl Acetate

Concen: 10.296 ug/l

RT: 4.503 min Scan# 440

Delta R.T. 0.012 min

Lab File: VY016690.D

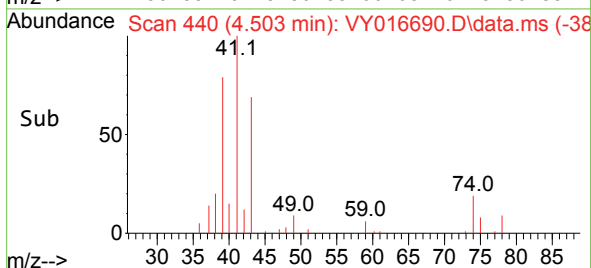
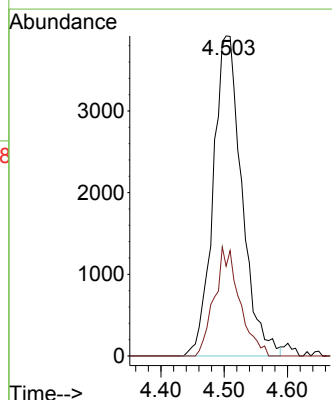
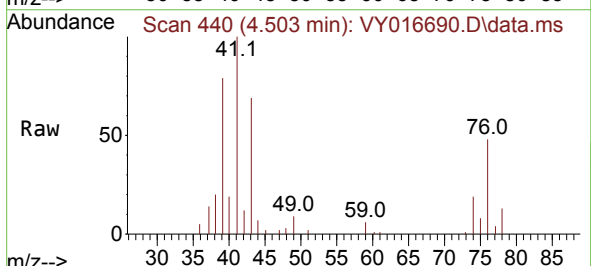
Acq: 19 Dec 2023 11:18

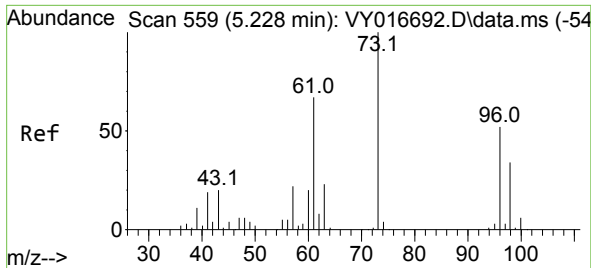
Tgt Ion: 43 Resp: 12327

Ion Ratio Lower Upper

43 100

74 29.8 22.1 33.1

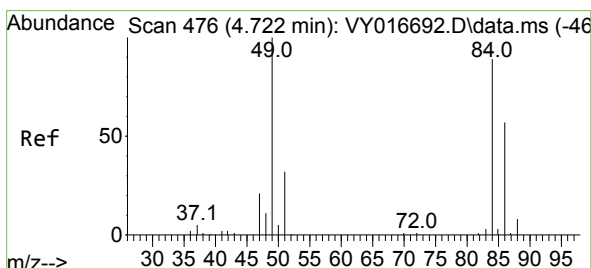
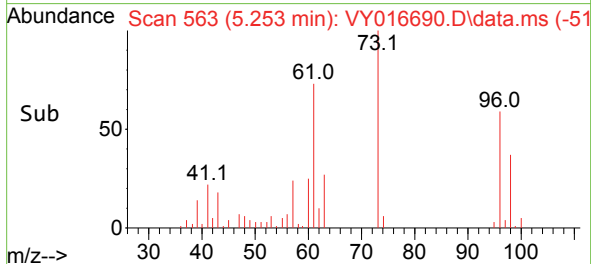
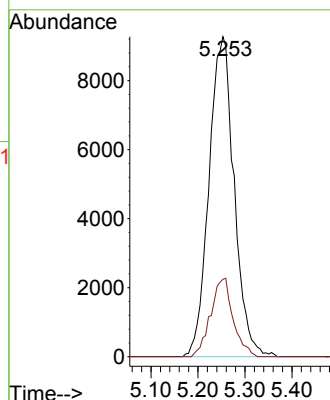
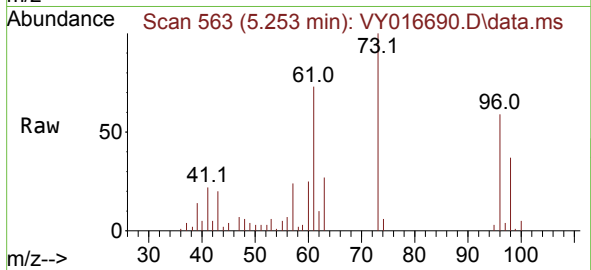




#19
Methyl tert-butyl Ether
Concen: 10.257 ug/l
RT: 5.253 min Scan# 51
Delta R.T. 0.024 min
Lab File: VY016690.D
Acq: 19 Dec 2023 11:18

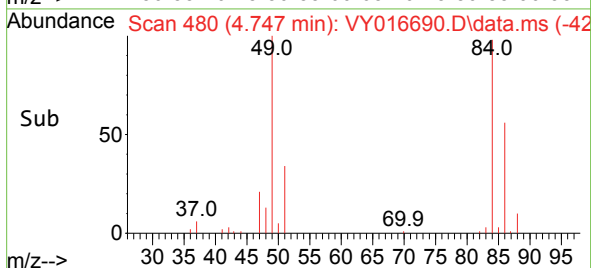
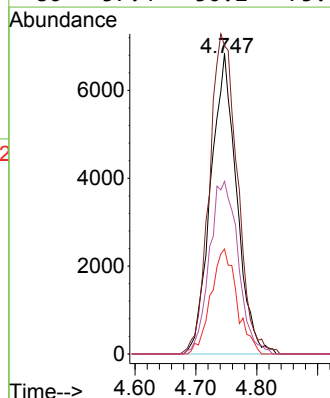
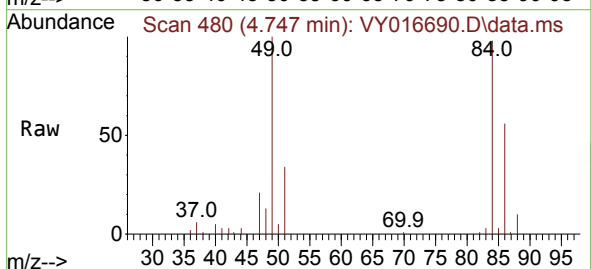
Instrument :
MSVOA_Y
ClientSampleId :

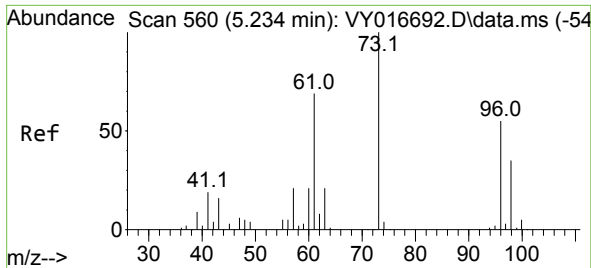
Tgt Ion: 73 Resp: 34479
Ion Ratio Lower Upper
73 100
57 24.2 17.9 26.9



#20
Methylene Chloride
Concen: 9.235 ug/l
RT: 4.747 min Scan# 480
Delta R.T. 0.025 min
Lab File: VY016690.D
Acq: 19 Dec 2023 11:18

Tgt Ion: 84 Resp: 20237
Ion Ratio Lower Upper
84 100
49 102.5 83.8 125.8
51 34.9 27.2 40.8
86 57.4 50.2 75.4

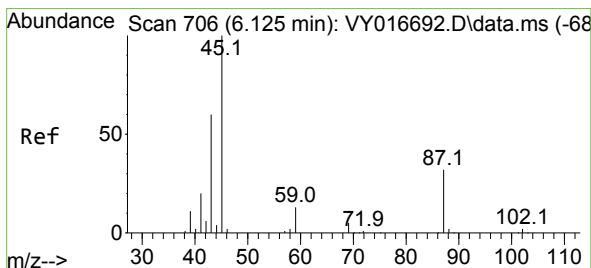
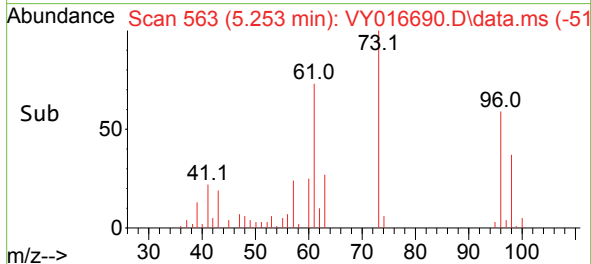
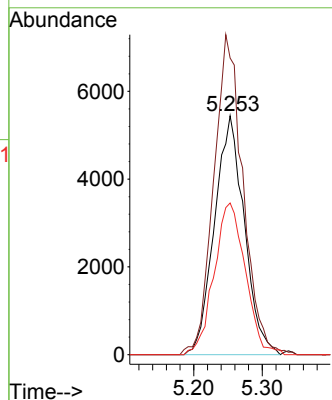
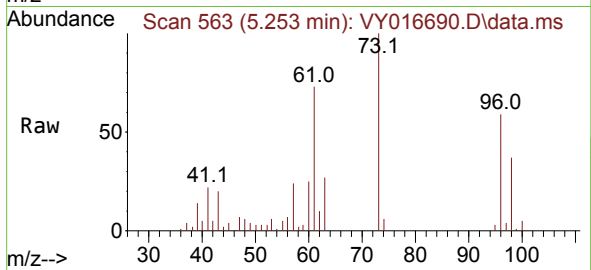




#21
trans-1,2-Dichloroethene
Concen: 10.423 ug/l
RT: 5.253 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY016690.D
Acq: 19 Dec 2023 11:18

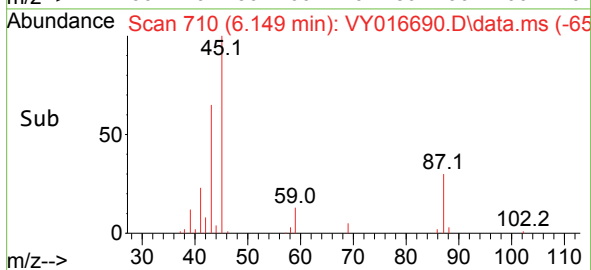
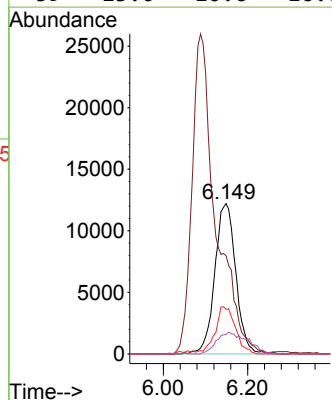
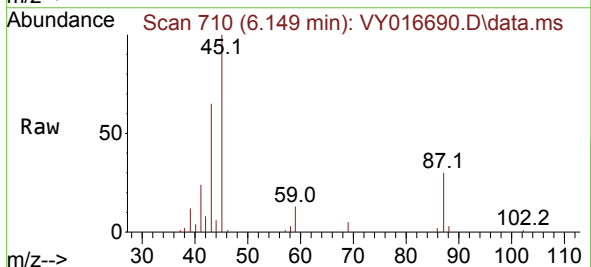
Instrument :
MSVOA_Y
ClientSampleId :

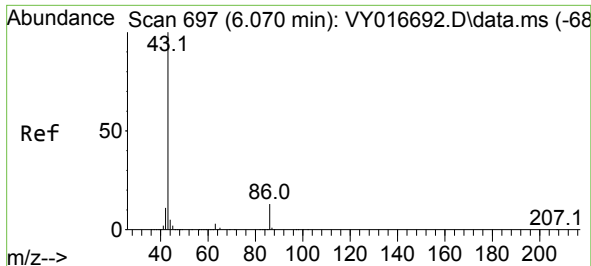
Tgt Ion: 96 Resp: 16404
Ion Ratio Lower Upper
96 100
61 124.2 100.0 150.0
98 63.5 52.2 78.2



#22
Diisopropyl ether
Concen: 10.601 ug/l
RT: 6.149 min Scan# 710
Delta R.T. 0.025 min
Lab File: VY016690.D
Acq: 19 Dec 2023 11:18

Tgt Ion: 45 Resp: 42160
Ion Ratio Lower Upper
45 100
43 63.6 42.4 63.6
87 29.6 25.0 37.4
59 13.0 10.6 16.0

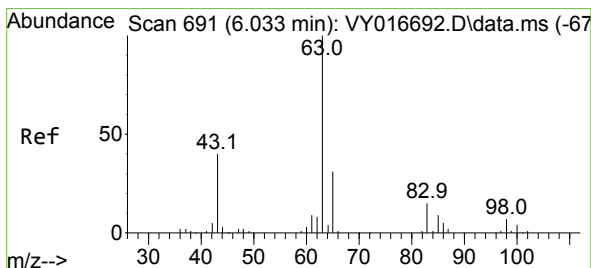
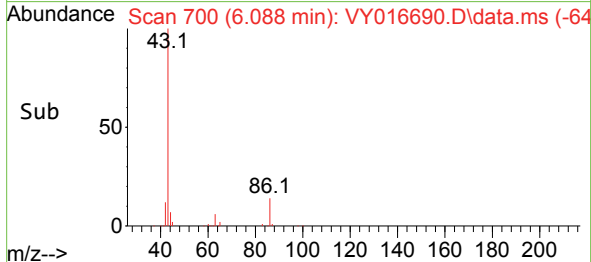
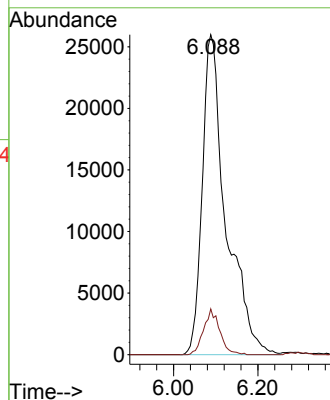
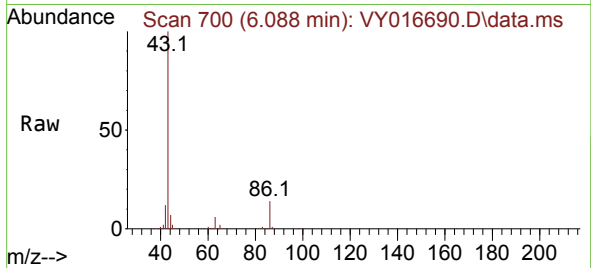




#23
 Vinyl Acetate
 Concen: 52.198 ug/l
 RT: 6.088 min Scan# 70
 Delta R.T. 0.018 min
 Lab File: VY016690.D
 Acq: 19 Dec 2023 11:18

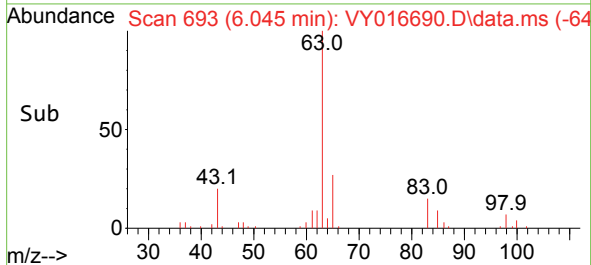
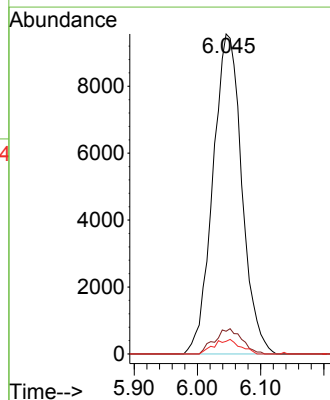
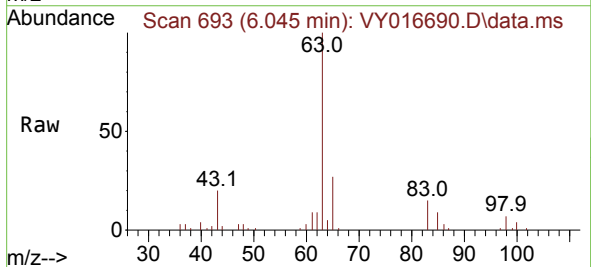
Instrument :
 MSVOA_Y
 ClientSampleId :

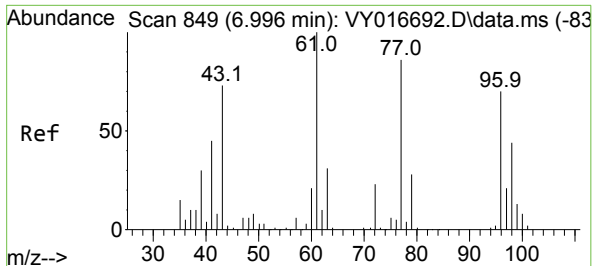
Tgt Ion: 43 Resp: 101507
 Ion Ratio Lower Upper
 43 100
 86 14.3 10.3 15.5



#24
 1,1-Dichloroethane
 Concen: 11.085 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.012 min
 Lab File: VY016690.D
 Acq: 19 Dec 2023 11:18

Tgt Ion: 63 Resp: 30358
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.8 11.2
 100 4.0 2.5 7.5





#25

2-Butanone

Concen: 47.288 ug/l

RT: 7.015 min Scan# 8

Delta R.T. 0.019 min

Lab File: VY016690.D

Acq: 19 Dec 2023 11:18

Instrument :

MSVOA_Y

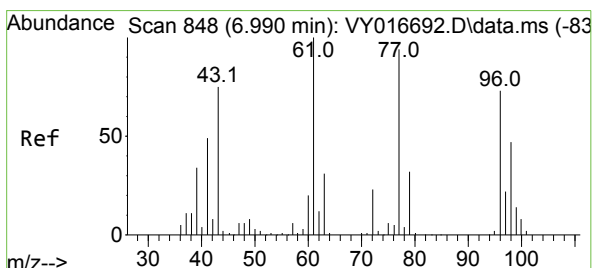
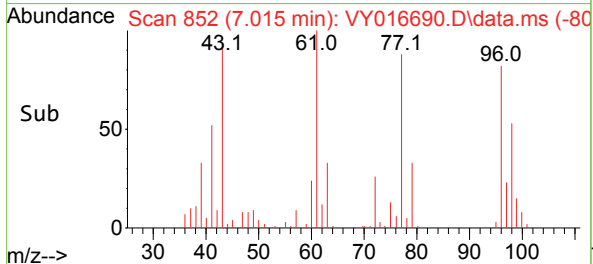
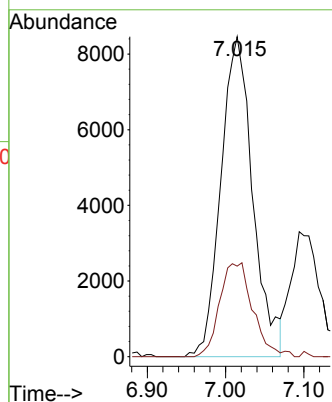
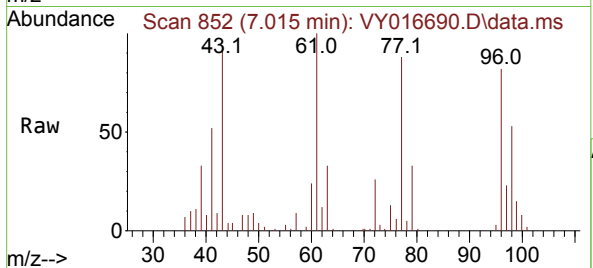
ClientSampleId :

Tgt Ion: 43 Resp: 23962

Ion Ratio Lower Upper

43 100

72 28.3 26.3 39.5



#26

2,2-Dichloropropane

Concen: 10.653 ug/l

RT: 7.009 min Scan# 851

Delta R.T. 0.019 min

Lab File: VY016690.D

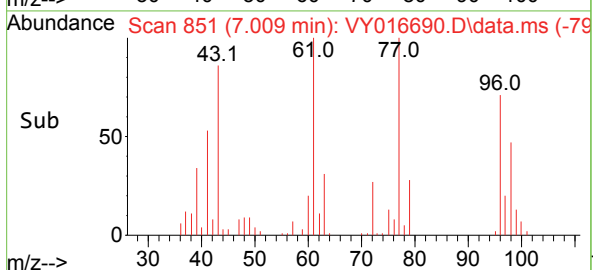
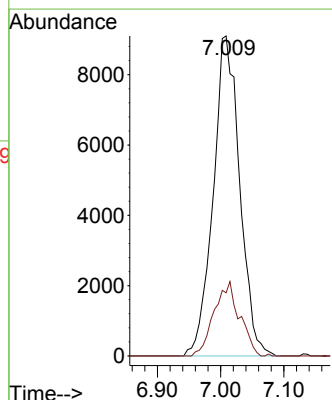
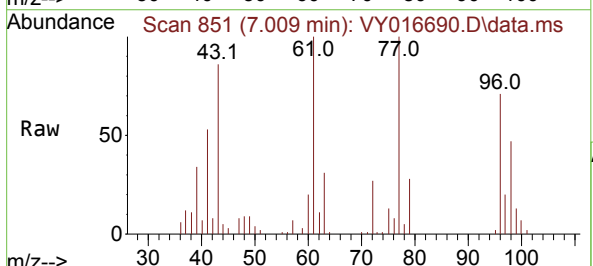
Acq: 19 Dec 2023 11:18

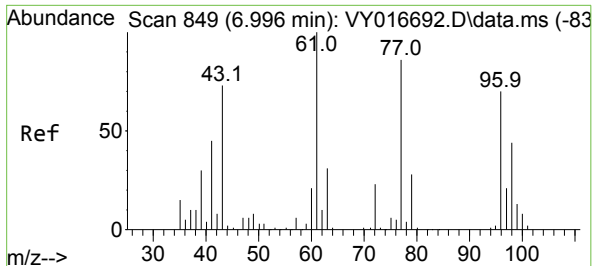
Tgt Ion: 77 Resp: 26497

Ion Ratio Lower Upper

77 100

97 22.3 12.4 37.2





#27

cis-1,2-Dichloroethene

Concen: 10.735 ug/l

RT: 7.015 min Scan# 81

Delta R.T. 0.018 min

Lab File: VY016690.D

Acq: 19 Dec 2023 11:18

Instrument :

MSVOA_Y

ClientSampleId :

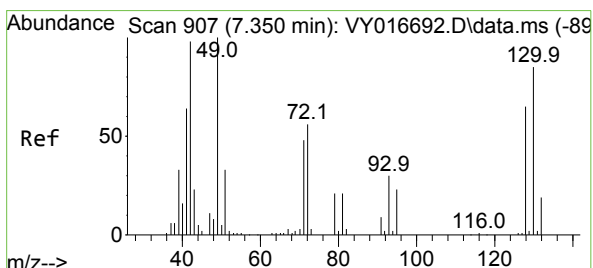
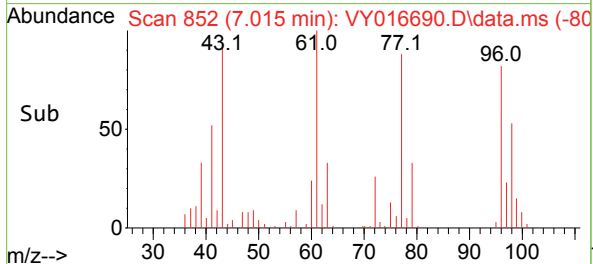
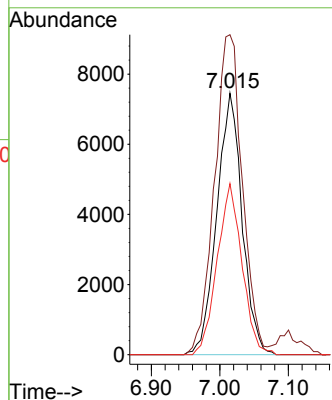
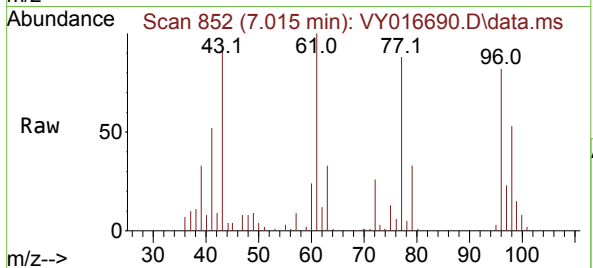
Tgt Ion: 96 Resp: 19096

Ion Ratio Lower Upper

96 100

61 135.4 0.0 255.8

98 64.2 0.0 129.2



#28

Bromochloromethane

Concen: 10.117 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY016690.D

Acq: 19 Dec 2023 11:18

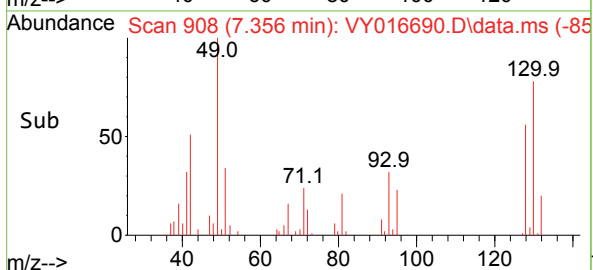
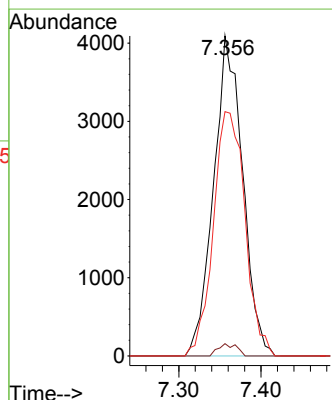
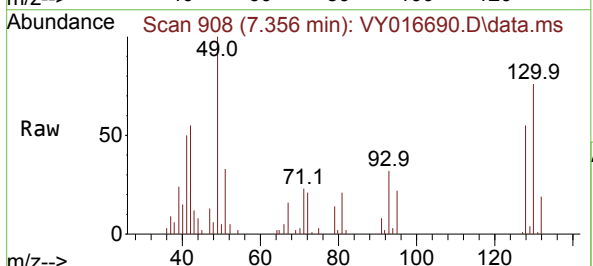
Tgt Ion: 49 Resp: 10061

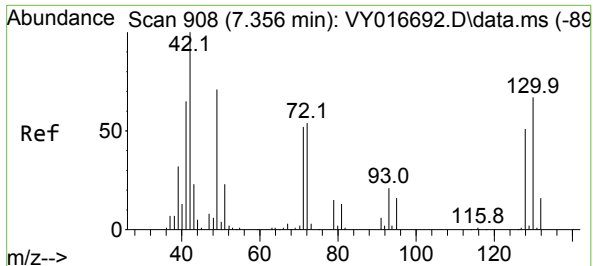
Ion Ratio Lower Upper

49 100

129 2.4 0.0 5.2

130 82.9 75.9 113.9





#29

Tetrahydrofuran

Concen: 51.893 ug/l

RT: 7.374 min Scan# 911

Delta R.T. 0.018 min

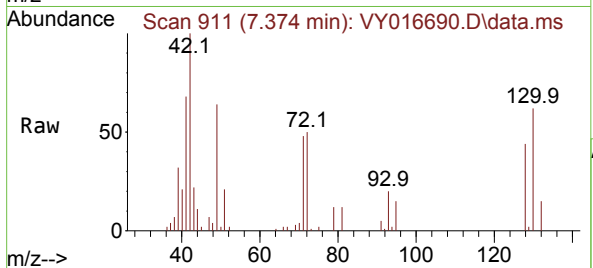
Lab File: VY016690.D

Acq: 19 Dec 2023 11:18

Instrument :

MSVOA_Y

ClientSampleId :



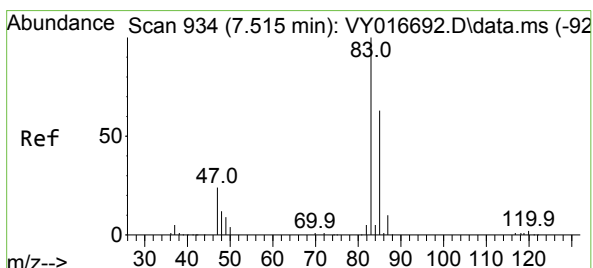
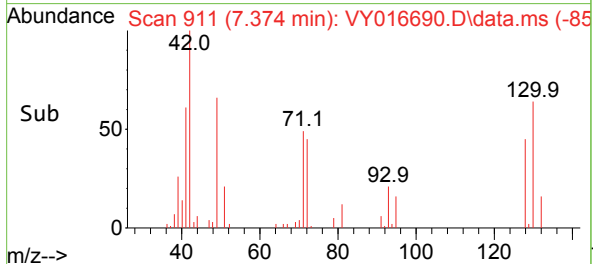
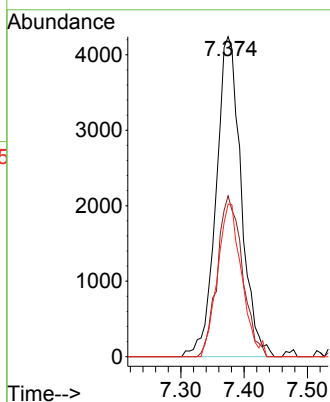
Tgt Ion: 42 Resp: 11609

Ion Ratio Lower Upper

42 100

72 50.4 40.3 60.5

71 46.2 38.9 58.3



#30

Chloroform

Concen: 11.139 ug/l

RT: 7.533 min Scan# 937

Delta R.T. 0.018 min

Lab File: VY016690.D

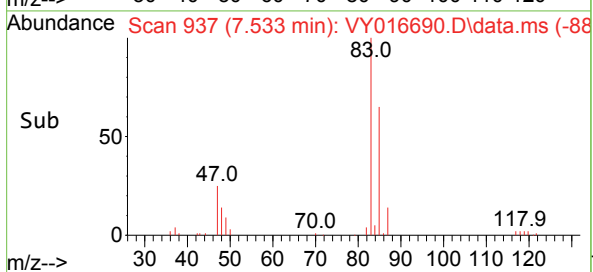
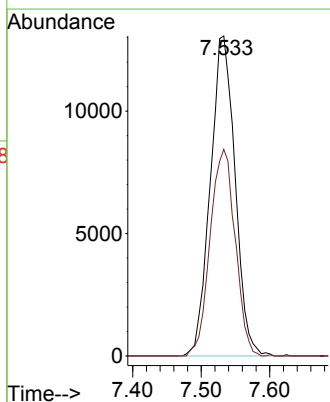
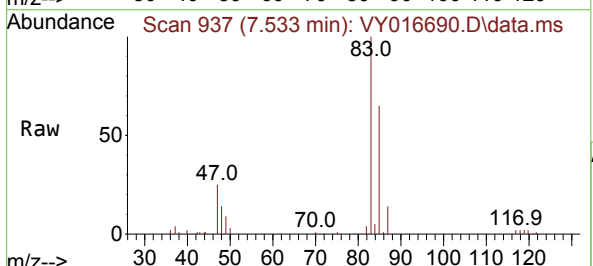
Acq: 19 Dec 2023 11:18

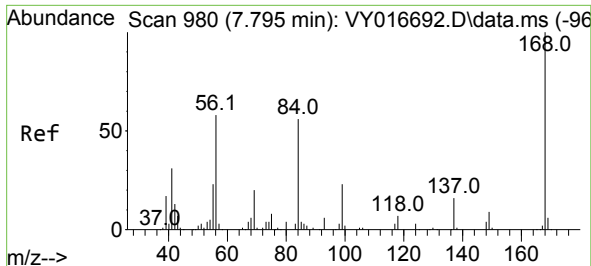
Tgt Ion: 83 Resp: 32729

Ion Ratio Lower Upper

83 100

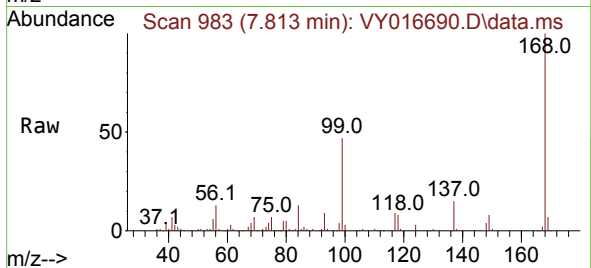
85 64.6 52.6 78.8



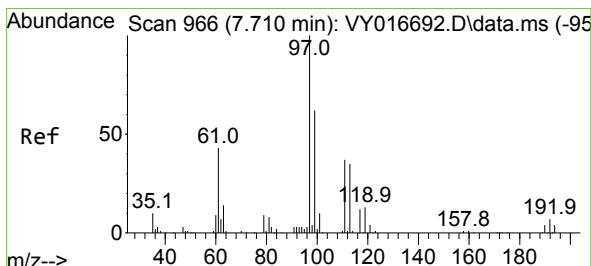
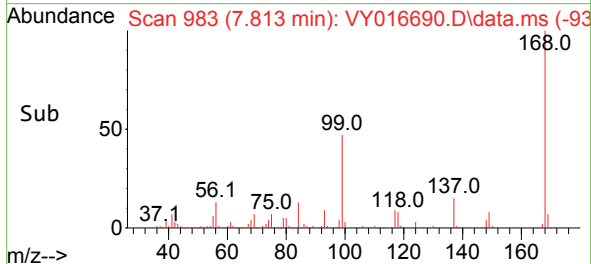
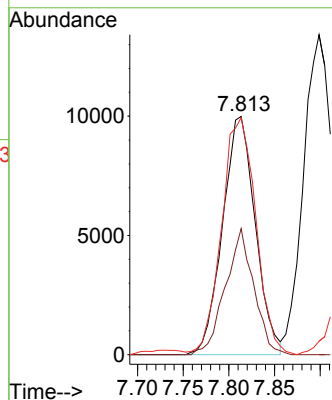


#31
Cyclohexane
Concen: 11.016 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY016690.D
Acq: 19 Dec 2023 11:18

Instrument :
MSVOA_Y
ClientSampleId :

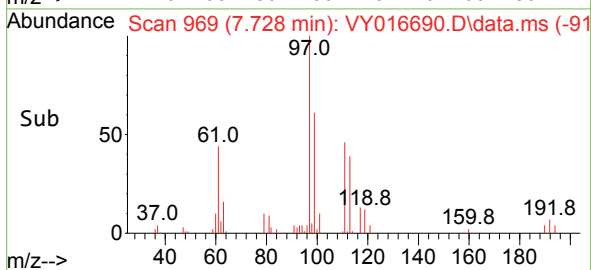
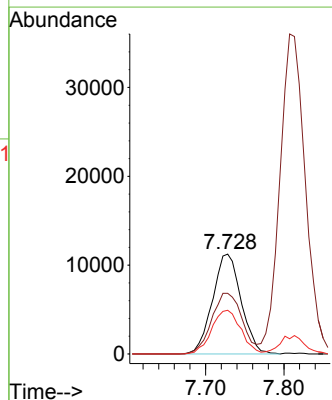
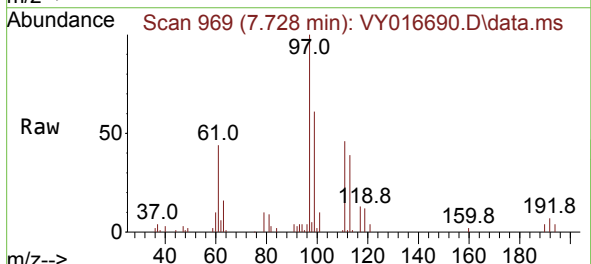


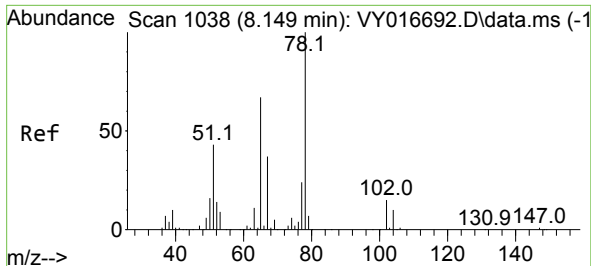
Tgt Ion: 56 Resp: 24915
Ion Ratio Lower Upper
56 100
69 52.9 27.5 41.3#
84 97.9 78.1 117.1



#32
1,1,1-Trichloroethane
Concen: 10.910 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.018 min
Lab File: VY016690.D
Acq: 19 Dec 2023 11:18

Tgt Ion: 97 Resp: 28466
Ion Ratio Lower Upper
97 100
99 64.7 51.4 77.0
61 44.6 31.6 47.4





#33

1,2-Dichloroethane-d4

Concen: 10.491 ug/l

RT: 8.167 min Scan# 110

Delta R.T. 0.018 min

Lab File: VY016690.D

Acq: 19 Dec 2023 11:18

Instrument :

MSVOA_Y

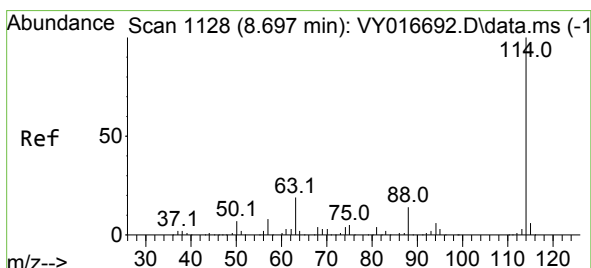
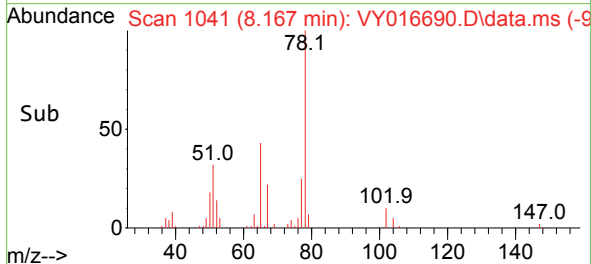
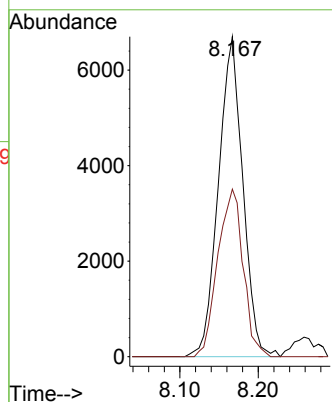
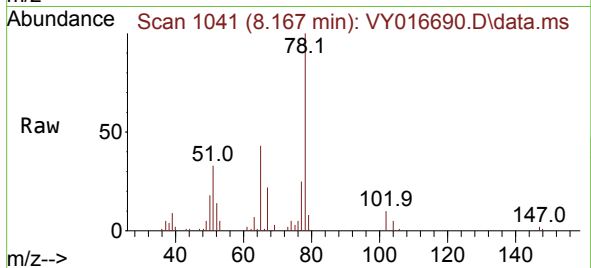
ClientSampleId :

Tgt Ion: 65 Resp: 14496

Ion Ratio Lower Upper

65 100

67 54.5 0.0 108.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1130

Delta R.T. 0.012 min

Lab File: VY016690.D

Acq: 19 Dec 2023 11:18

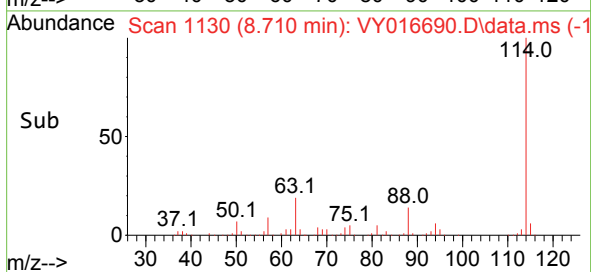
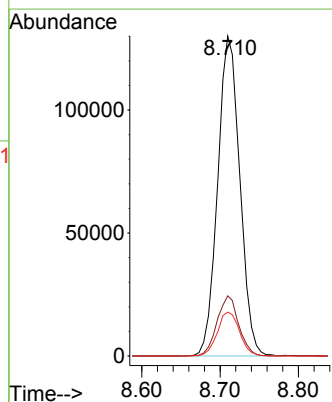
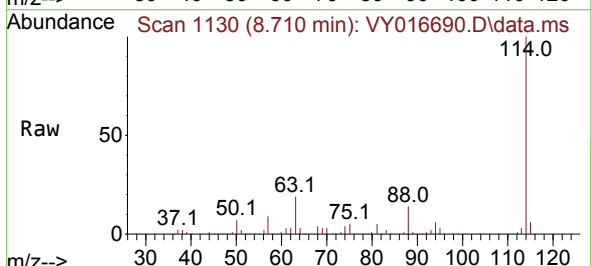
Tgt Ion: 114 Resp: 255959

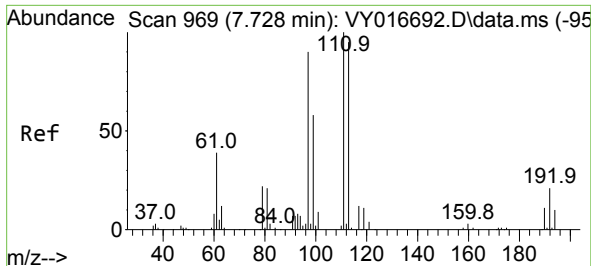
Ion Ratio Lower Upper

114 100

63 18.8 0.0 34.0

88 13.7 0.0 29.2

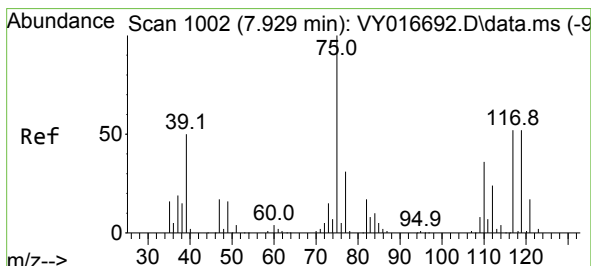
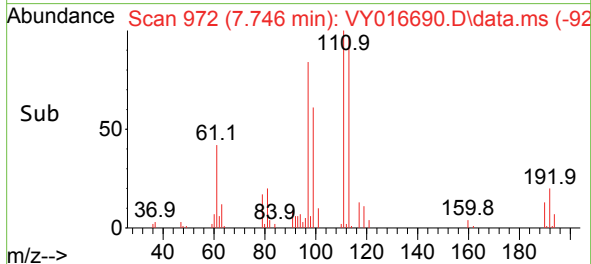
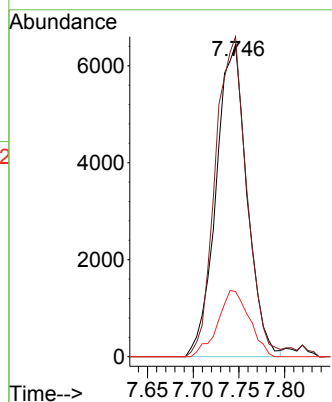
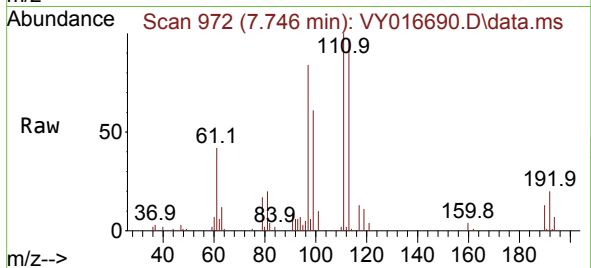




#35
Dibromofluoromethane
Concen: 10.065 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY016690.D
Acq: 19 Dec 2023 11:18

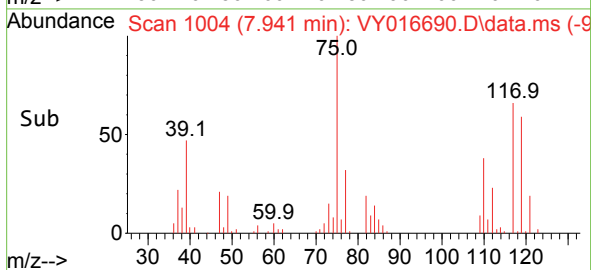
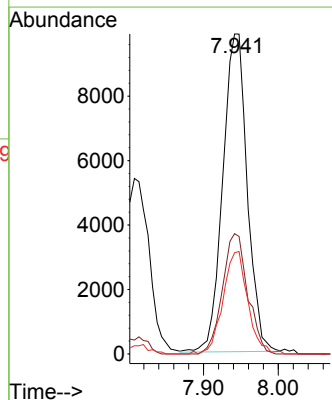
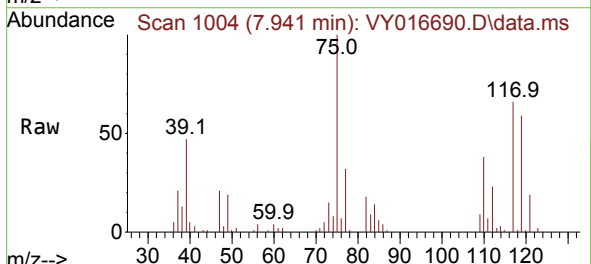
Instrument :
MSVOA_Y
ClientSampleId :

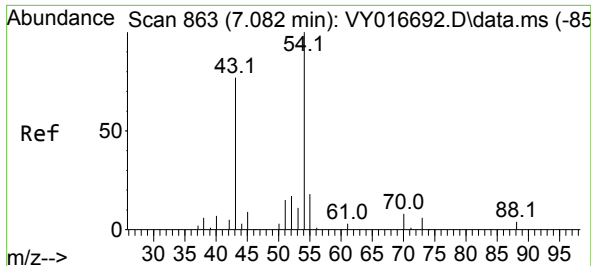
Tgt Ion:113 Resp: 15173
Ion Ratio Lower Upper
113 100
111 103.8 81.9 122.9
192 21.7 16.2 24.4



#36
1,1-Dichloropropene
Concen: 9.837 ug/l
RT: 7.941 min Scan# 1004
Delta R.T. 0.012 min
Lab File: VY016690.D
Acq: 19 Dec 2023 11:18

Tgt Ion: 75 Resp: 22431
Ion Ratio Lower Upper
75 100
110 39.2 18.9 56.9
77 32.7 25.3 37.9





#37

Ethyl Acetate

Concen: 10.297 ug/l

RT: 7.094 min Scan# 80

Delta R.T. 0.012 min

Lab File: VY016690.D

Acq: 19 Dec 2023 11:18

Instrument :

MSVOA_Y

ClientSampleId :

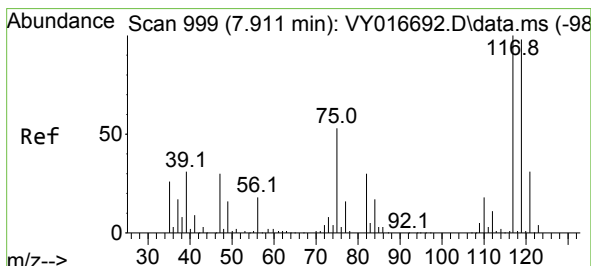
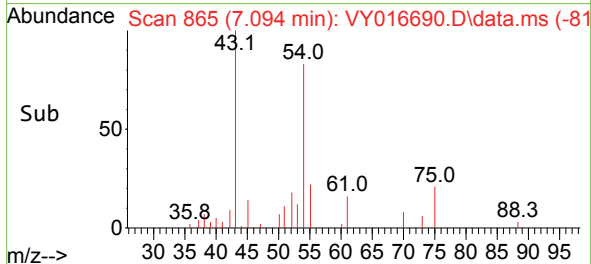
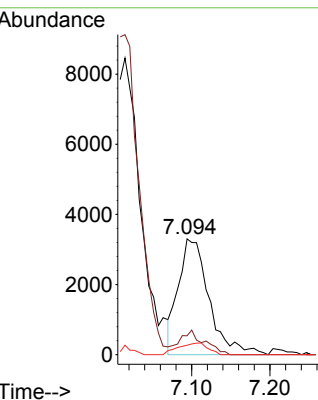
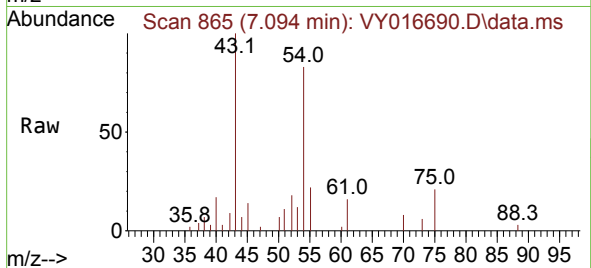
Tgt Ion: 43 Resp: 8993

Ion Ratio Lower Upper

43 100

61 17.0 13.0 19.4

70 9.6 9.9 14.9#



#38

Carbon Tetrachloride

Concen: 10.511 ug/l

RT: 7.923 min Scan# 1001

Delta R.T. 0.012 min

Lab File: VY016690.D

Acq: 19 Dec 2023 11:18

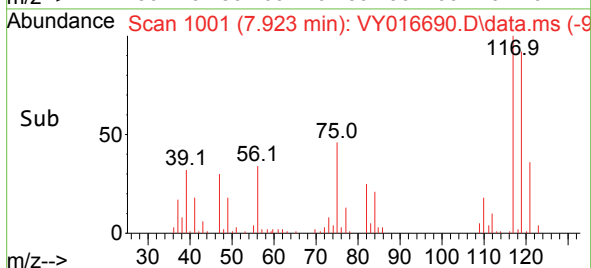
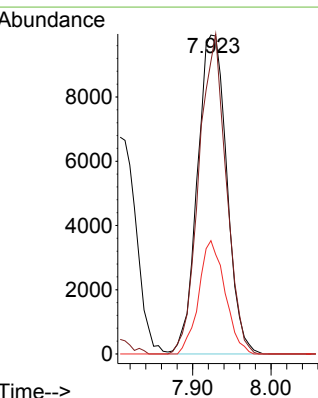
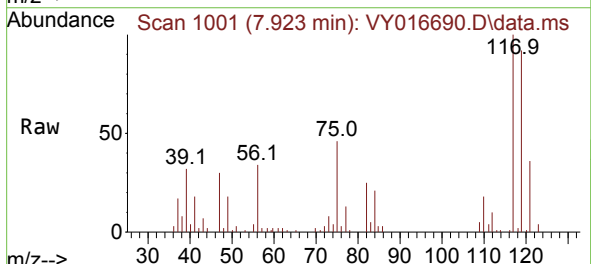
Tgt Ion: 117 Resp: 25862

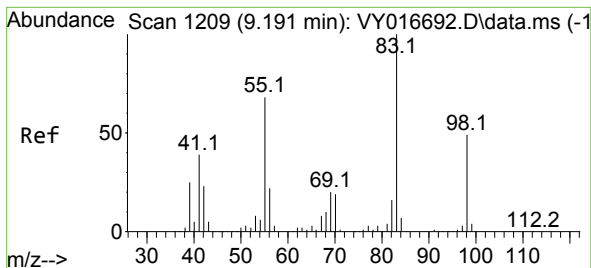
Ion Ratio Lower Upper

117 100

119 91.8 75.0 112.4

121 35.5 24.2 36.4





#39

Methylcyclohexane

Concen: 10.100 ug/l

RT: 9.203 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016690.D

Acq: 19 Dec 2023 11:18

Instrument :

MSVOA_Y

ClientSampleId :

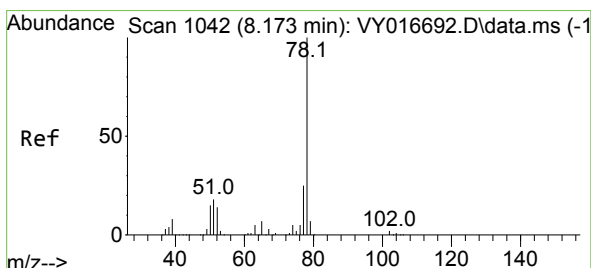
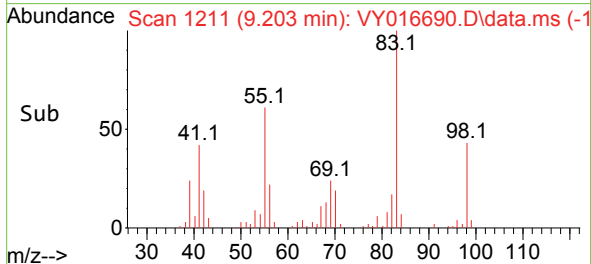
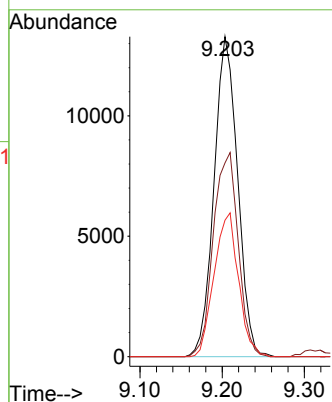
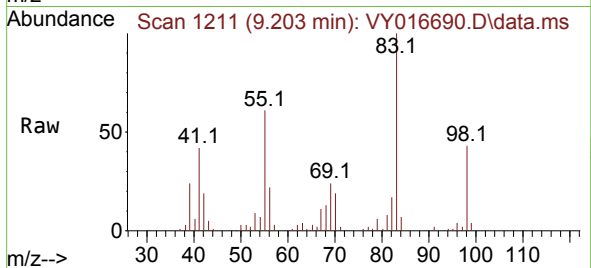
Tgt Ion: 83 Resp: 26516

Ion Ratio Lower Upper

83 100

55 60.6 54.6 81.8

98 42.6 40.1 60.1



#40

Benzene

Concen: 10.545 ug/l

RT: 8.185 min Scan# 1044

Delta R.T. 0.012 min

Lab File: VY016690.D

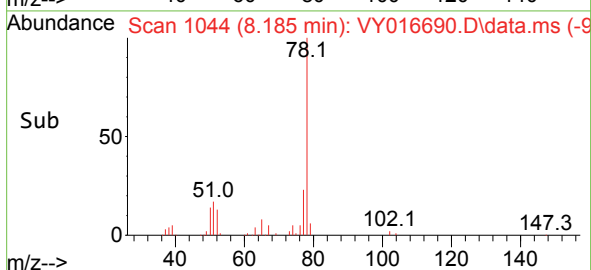
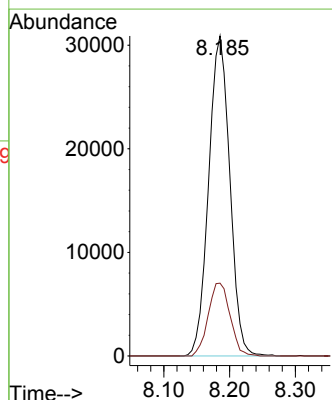
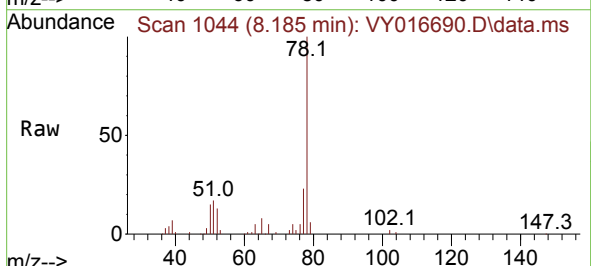
Acq: 19 Dec 2023 11:18

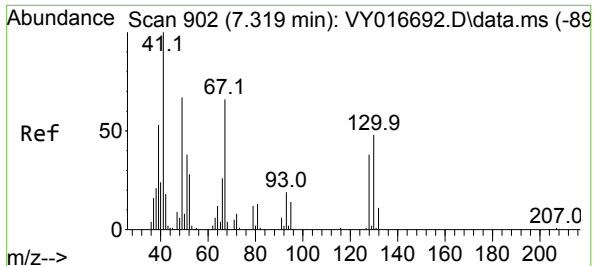
Tgt Ion: 78 Resp: 69090

Ion Ratio Lower Upper

78 100

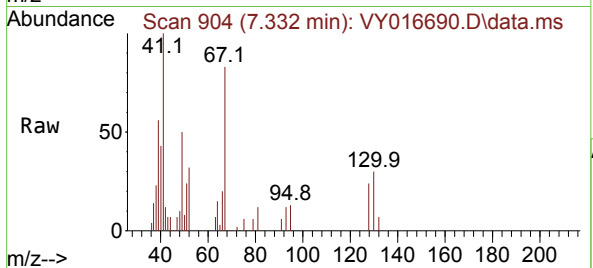
77 22.7 19.0 28.4



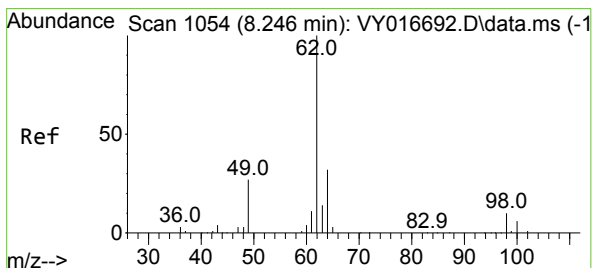
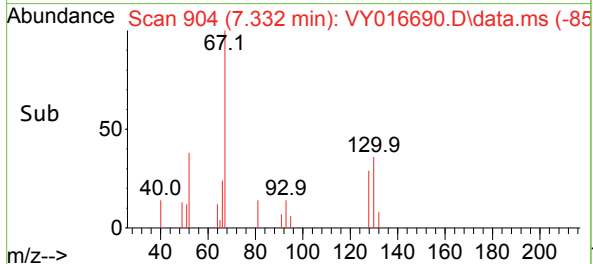
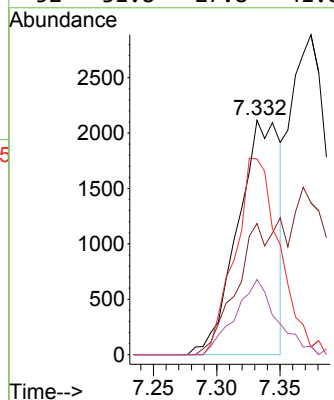


#41
Methacrylonitrile
Concen: 10.560 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.012 min
Lab File: VY016690.D
Acq: 19 Dec 2023 11:18

Instrument :
MSVOA_Y
ClientSampleId :

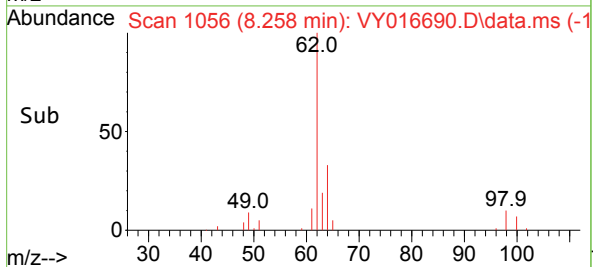
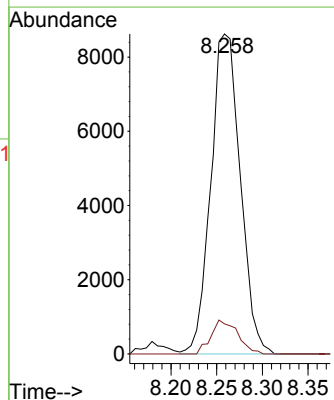
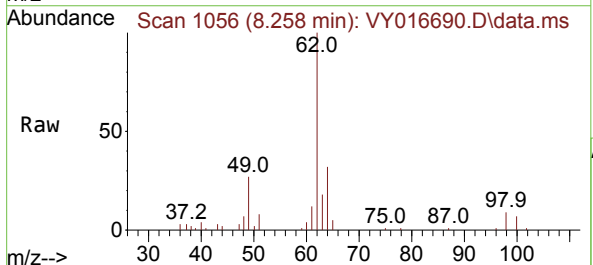


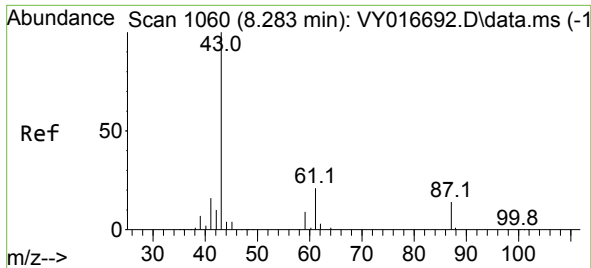
Tgt Ion: 41 Resp: 4898
Ion Ratio Lower Upper
41 100
39 39.8 47.8 71.6#
67 88.7 74.9 112.3
52 31.8 27.8 41.8



#42
1,2-Dichloroethane
Concen: 10.431 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. 0.012 min
Lab File: VY016690.D
Acq: 19 Dec 2023 11:18

Tgt Ion: 62 Resp: 19339
Ion Ratio Lower Upper
62 100
98 9.6 0.0 22.4

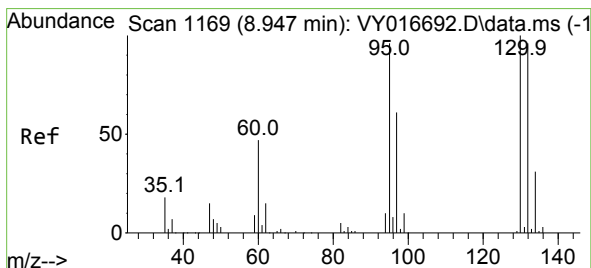
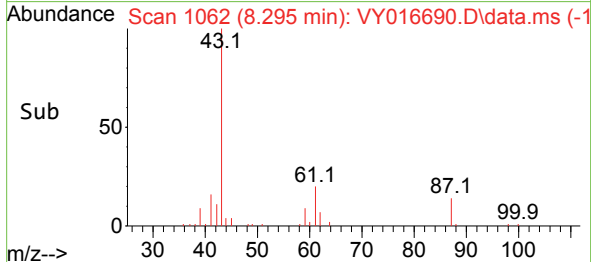
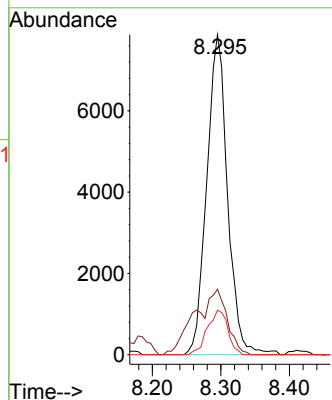
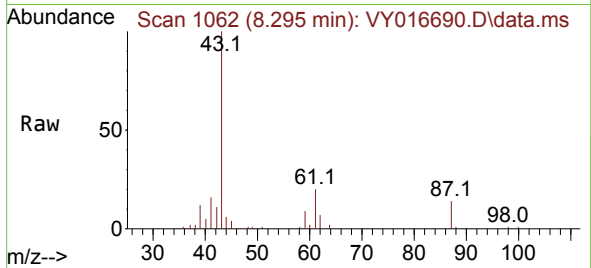




#43
Isopropyl Acetate
Concen: 9.913 ug/l
RT: 8.295 min Scan# 1172
Delta R.T. 0.012 min
Lab File: VY016690.D
Acq: 19 Dec 2023 11:18

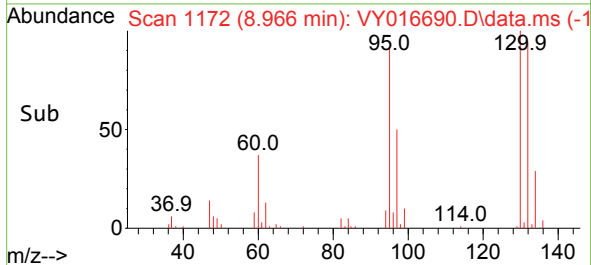
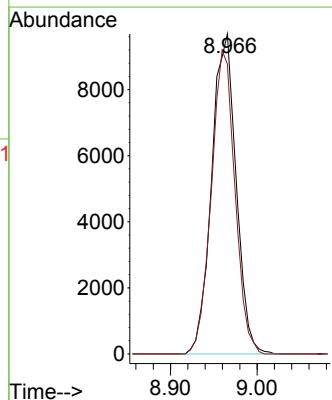
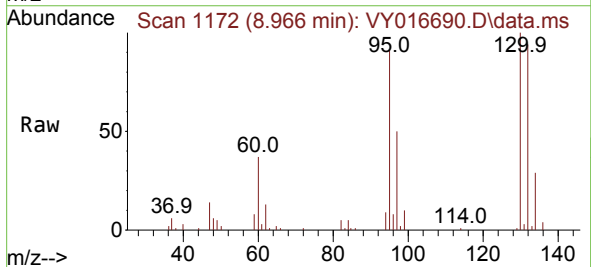
Instrument :
MSVOA_Y
ClientSampleId :

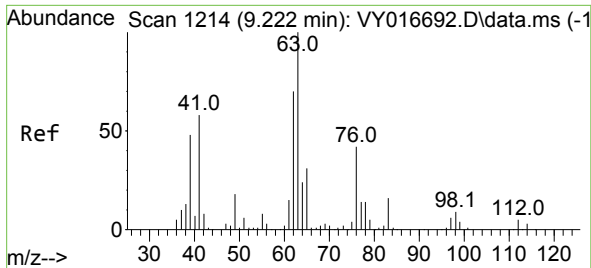
Tgt Ion: 43 Resp: 16628
Ion Ratio Lower Upper
43 100
61 18.1 27.4 41.0#
87 13.7 13.2 19.8



#44
Trichloroethene
Concen: 10.538 ug/l
RT: 8.966 min Scan# 1172
Delta R.T. 0.018 min
Lab File: VY016690.D
Acq: 19 Dec 2023 11:18

Tgt Ion:130 Resp: 19000
Ion Ratio Lower Upper
130 100
95 90.6 0.0 189.2

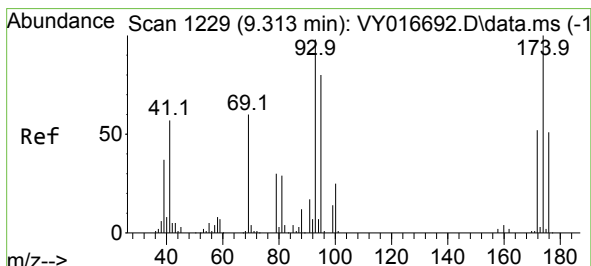
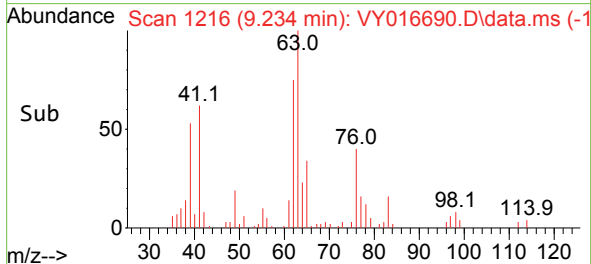
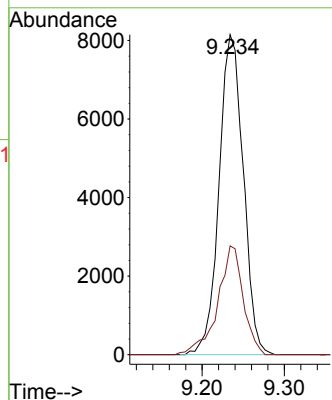
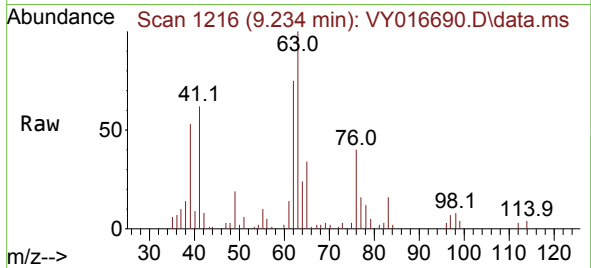




#45
1,2-Dichloropropane
Concen: 10.655 ug/l
RT: 9.234 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016690.D
Acq: 19 Dec 2023 11:18

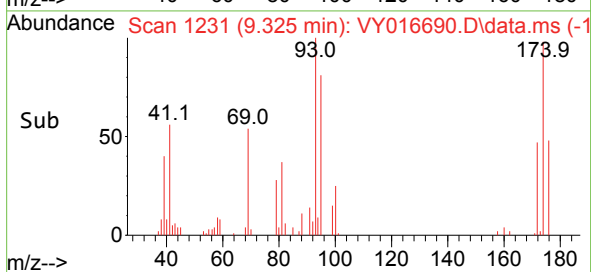
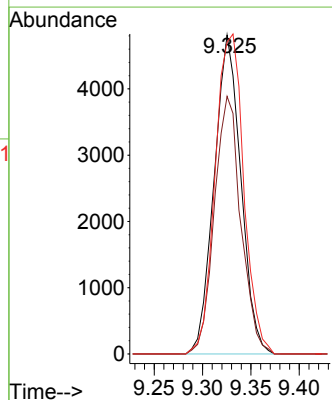
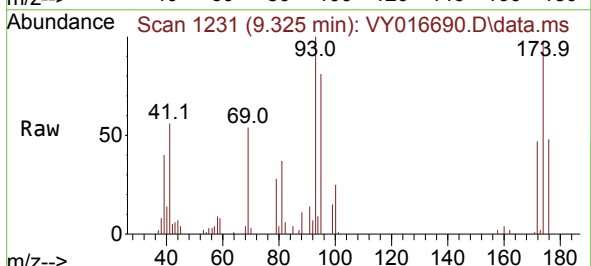
Instrument :
MSVOA_Y
ClientSampleId :

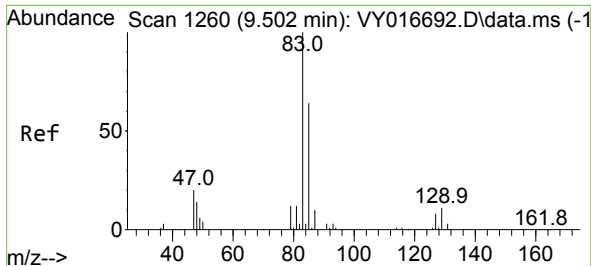
Tgt Ion: 63 Resp: 16685
Ion Ratio Lower Upper
63 100
65 34.0 24.0 36.0



#46
Dibromomethane
Concen: 10.413 ug/l
RT: 9.325 min Scan# 1231
Delta R.T. 0.012 min
Lab File: VY016690.D
Acq: 19 Dec 2023 11:18

Tgt Ion: 93 Resp: 9208
Ion Ratio Lower Upper
93 100
95 80.3 66.9 100.3
174 107.6 85.2 127.8

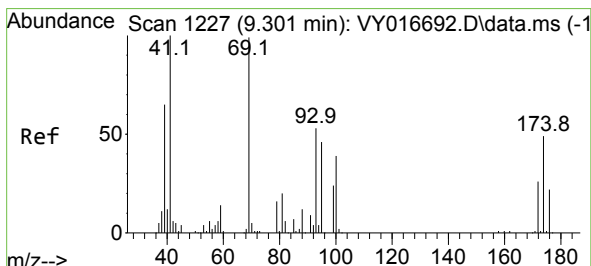
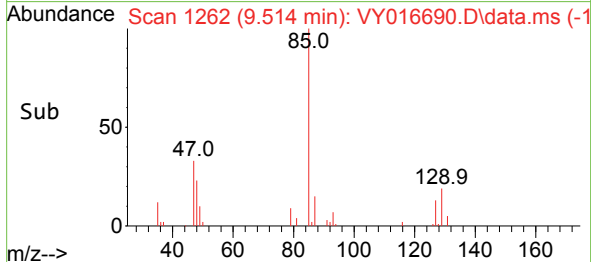
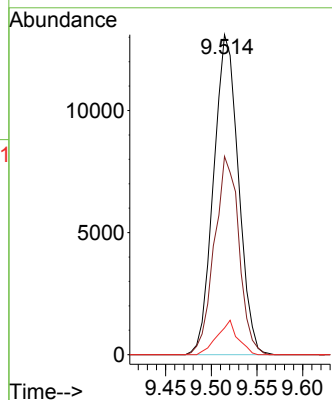
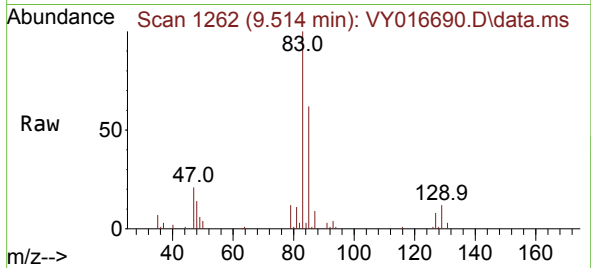




#47
Bromodichloromethane
Concen: 10.709 ug/l
RT: 9.514 min Scan# 1262
Delta R.T. 0.012 min
Lab File: VY016690.D
Acq: 19 Dec 2023 11:18

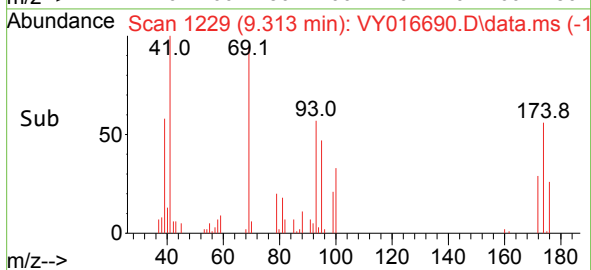
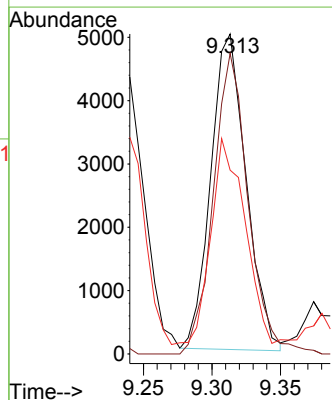
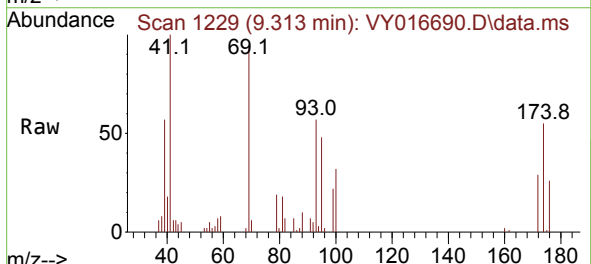
Instrument :
MSVOA_Y
ClientSampleId :

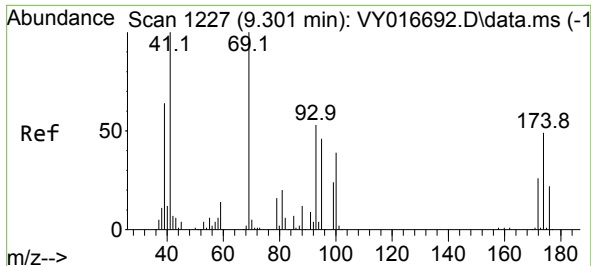
Tgt Ion: 83 Resp: 24726
Ion Ratio Lower Upper
83 100
85 62.0 51.4 77.0
127 8.4 7.3 10.9



#48
Methyl methacrylate
Concen: 9.833 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.012 min
Lab File: VY016690.D
Acq: 19 Dec 2023 11:18

Tgt Ion: 41 Resp: 8949
Ion Ratio Lower Upper
41 100
69 93.9 85.5 128.3
39 70.6 40.9 61.3





#49

1,4-Dioxane

Concen: 180.303 ug/l

RT: 9.325 min Scan# 1

Delta R.T. 0.024 min

Lab File: VY016690.D

Acq: 19 Dec 2023 11:18

Instrument :

MSVOA_Y

ClientSampleId :

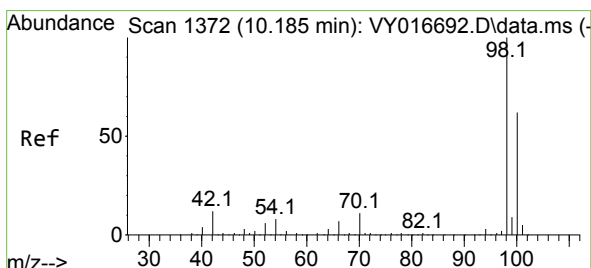
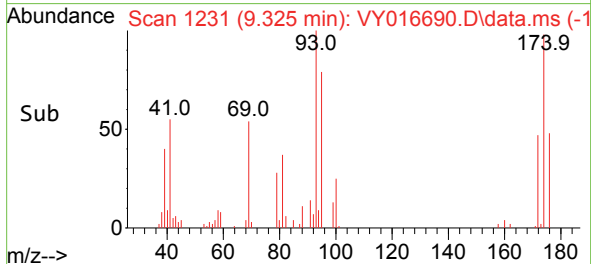
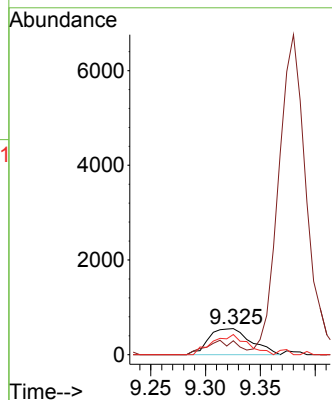
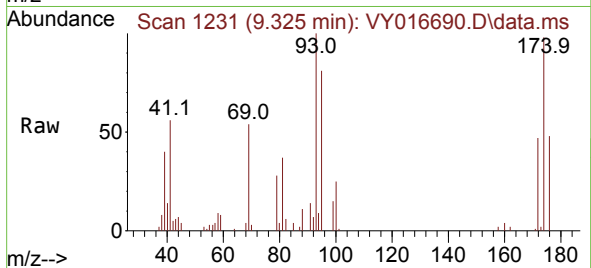
Tgt Ion: 88 Resp: 1468

Ion Ratio Lower Upper

88 100

43 40.9 0.0 0.0#

58 64.3 54.0 81.0



#50

Toluene-d8

Concen: 9.853 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.012 min

Lab File: VY016690.D

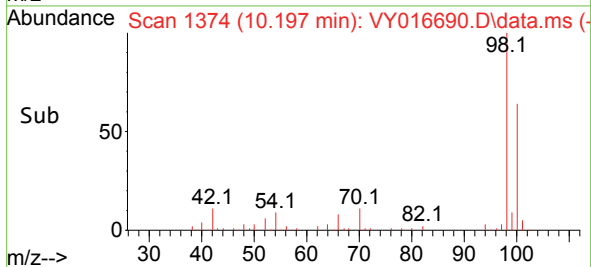
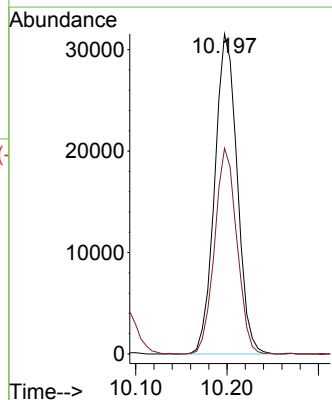
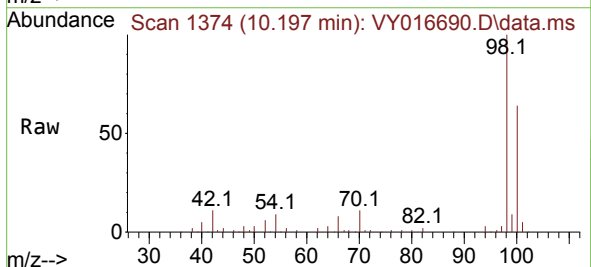
Acq: 19 Dec 2023 11:18

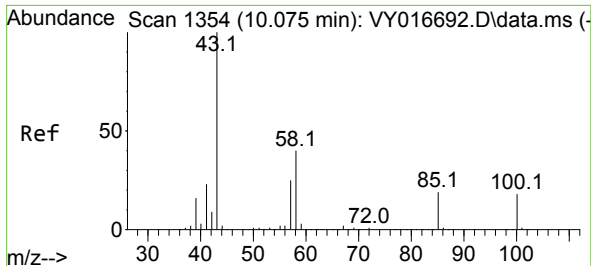
Tgt Ion: 98 Resp: 53794

Ion Ratio Lower Upper

98 100

100 63.8 52.5 78.7

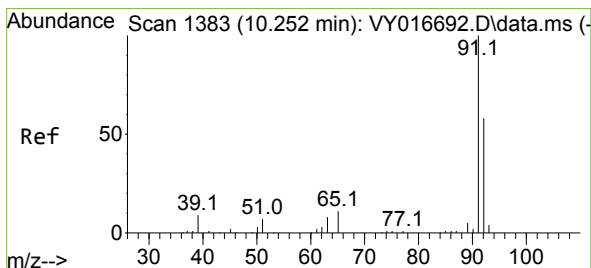
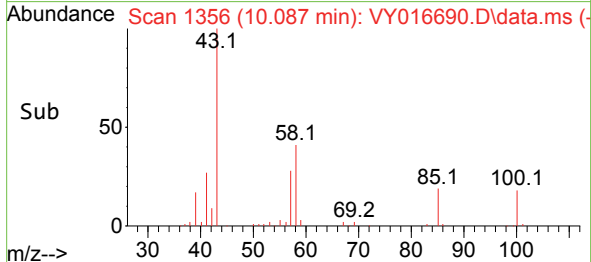
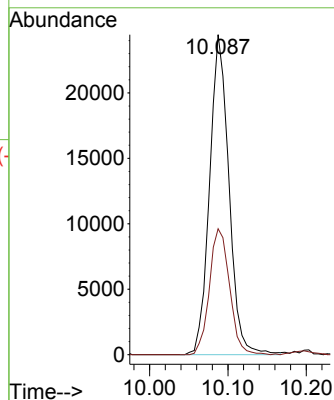
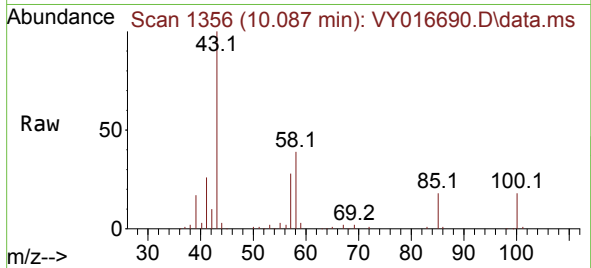




#51
4-Methyl-2-Pentanone
Concen: 48.715 ug/l
RT: 10.087 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016690.D
Acq: 19 Dec 2023 11:18

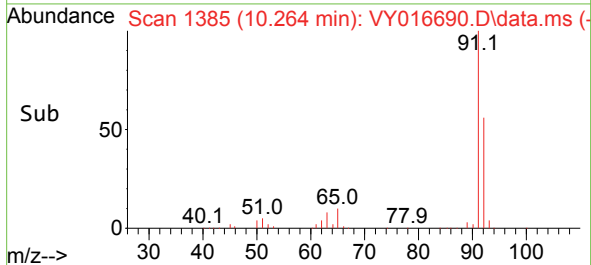
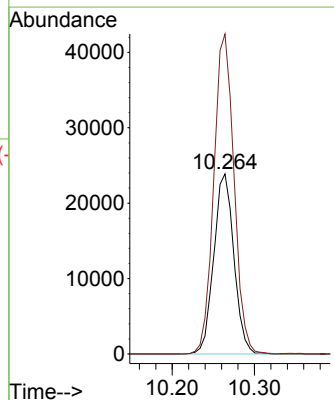
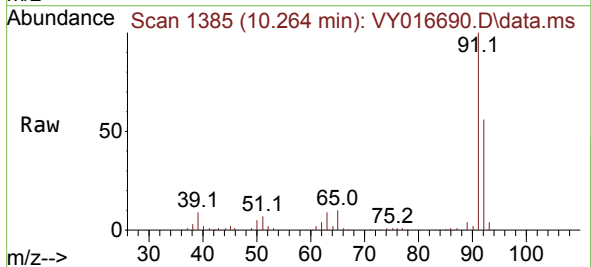
Instrument :
MSVOA_Y
ClientSampleId :

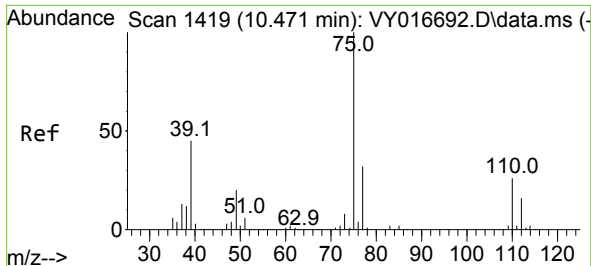
Tgt Ion: 43 Resp: 41942
Ion Ratio Lower Upper
43 100
58 40.9 35.8 53.8



#52
Toluene
Concen: 10.115 ug/l
RT: 10.264 min Scan# 1385
Delta R.T. 0.012 min
Lab File: VY016690.D
Acq: 19 Dec 2023 11:18

Tgt Ion: 92 Resp: 40549
Ion Ratio Lower Upper
92 100
91 178.6 136.3 204.5

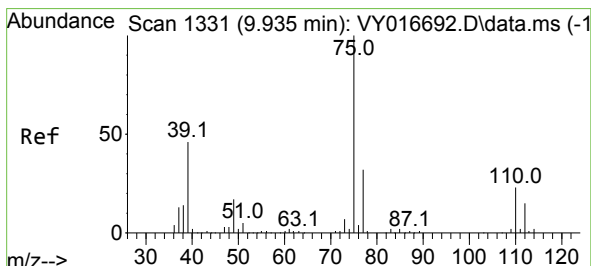
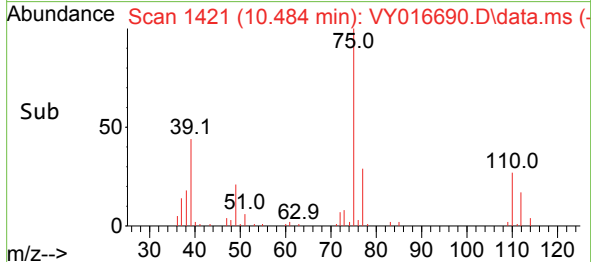
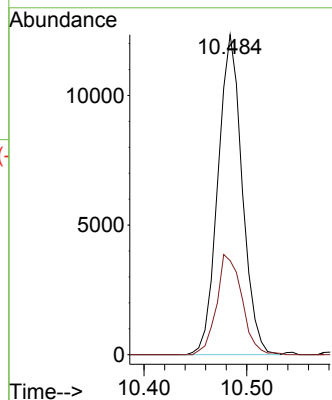
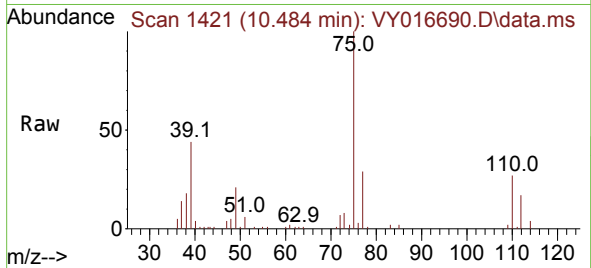




#53
t-1,3-Dichloropropene
Concen: 9.779 ug/l
RT: 10.484 min Scan# 1419
Delta R.T. 0.012 min
Lab File: VY016690.D
Acq: 19 Dec 2023 11:18

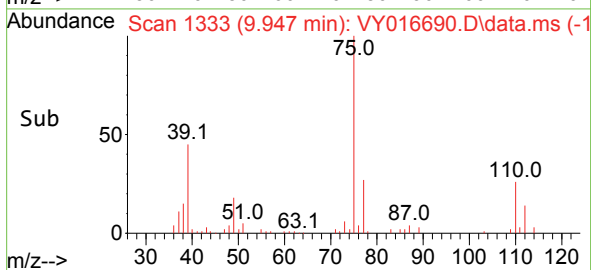
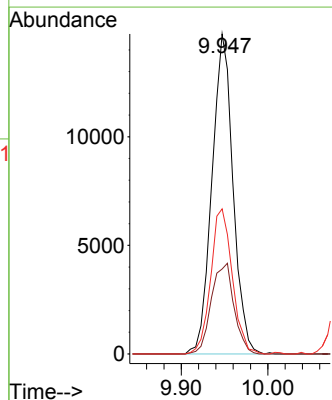
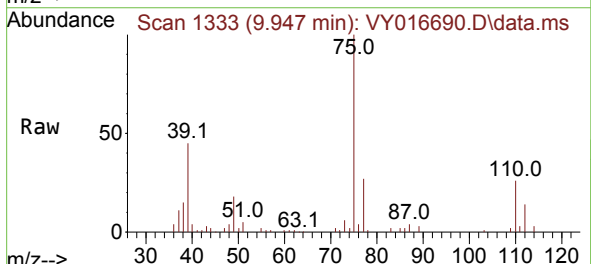
Instrument :
MSVOA_Y
ClientSampleId :

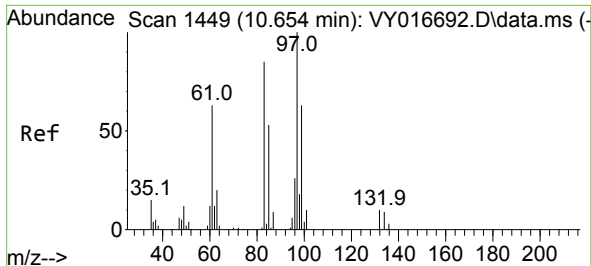
Tgt Ion: 75 Resp: 20216
Ion Ratio Lower Upper
75 100
77 29.4 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 10.155 ug/l
RT: 9.947 min Scan# 1333
Delta R.T. 0.012 min
Lab File: VY016690.D
Acq: 19 Dec 2023 11:18

Tgt Ion: 75 Resp: 24877
Ion Ratio Lower Upper
75 100
77 26.6 25.4 38.0
39 45.3 29.7 44.5#

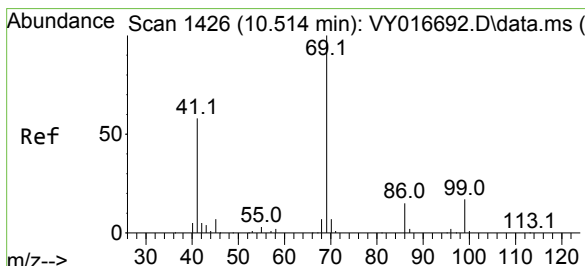
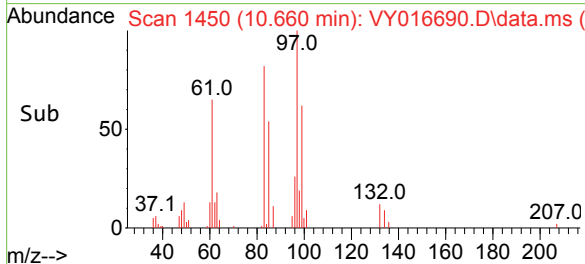
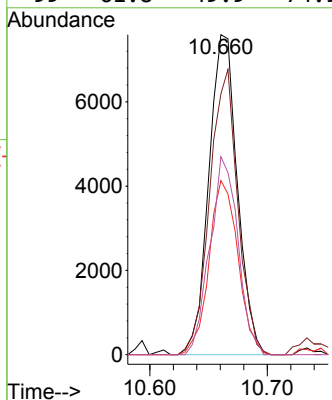
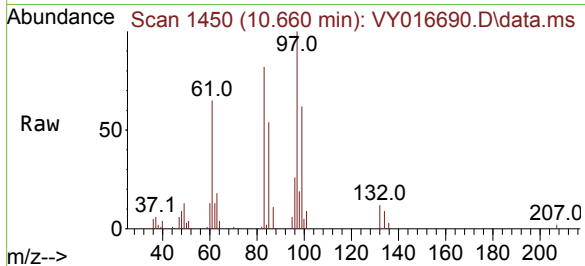




#55
1,1,2-Trichloroethane
Concen: 10.500 ug/l
RT: 10.660 min Scan# 1449
Delta R.T. 0.006 min
Lab File: VY016690.D
Acq: 19 Dec 2023 11:18

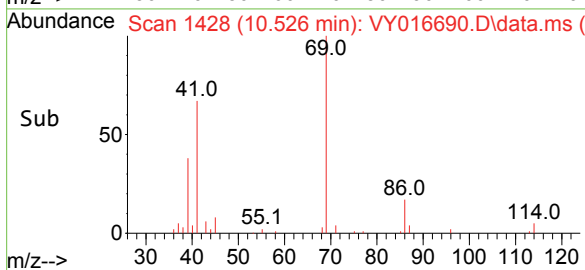
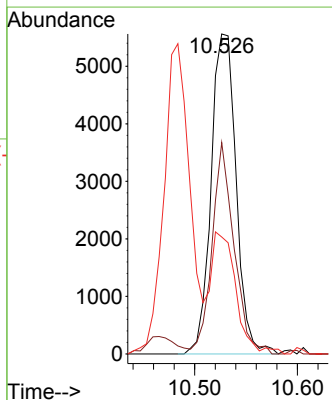
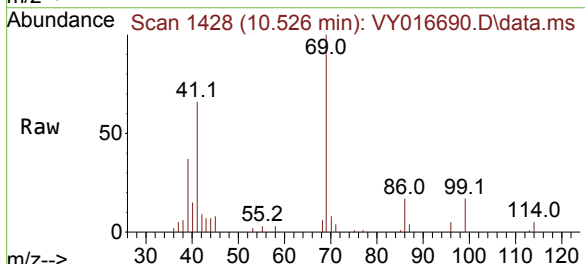
Instrument :
MSVOA_Y
ClientSampleId :

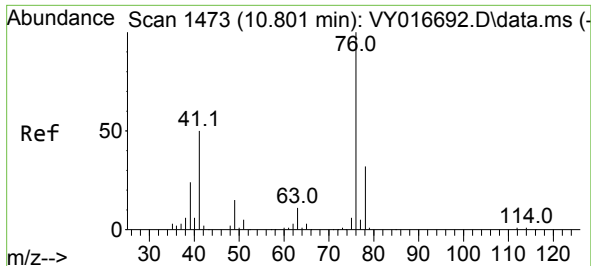
Tgt Ion: 97	Resp: 12826
Ion Ratio	Lower Upper
97 100	
83 81.5	65.8 98.6
85 54.4	43.4 65.2
99 61.8	49.9 74.9



#56
Ethyl methacrylate
Concen: 9.452 ug/l
RT: 10.526 min Scan# 1428
Delta R.T. 0.012 min
Lab File: VY016690.D
Acq: 19 Dec 2023 11:18

Tgt Ion: 69	Resp: 9396
Ion Ratio	Lower Upper
69 100	
41 58.0	44.6 67.0
39 38.5	21.5 32.3#

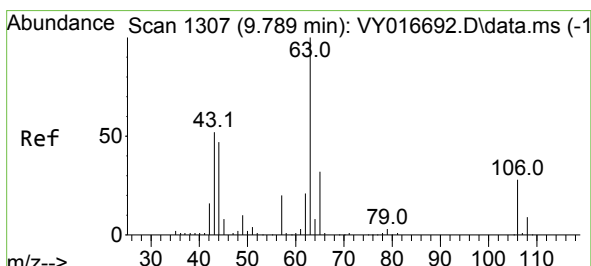
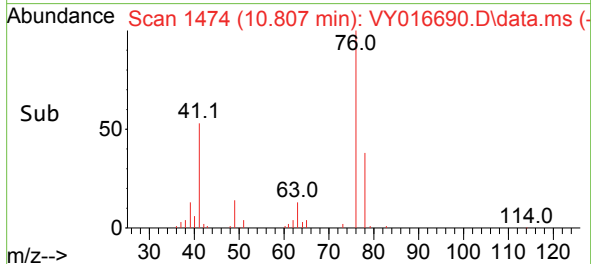
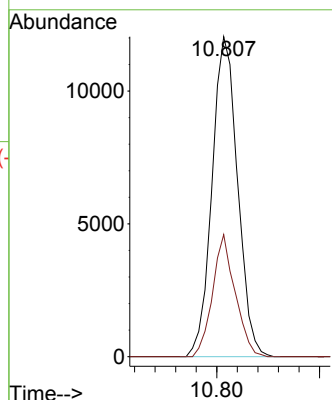
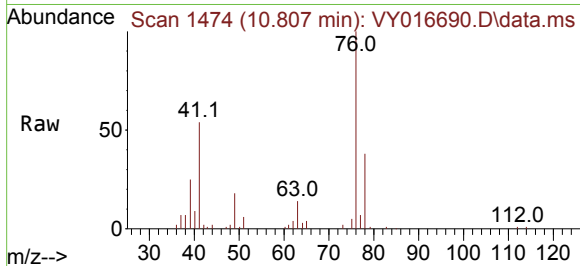




#57
1,3-Dichloropropane
Concen: 10.314 ug/l
RT: 10.807 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VY016690.D
Acq: 19 Dec 2023 11:18

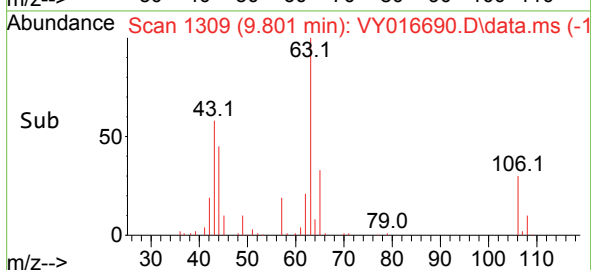
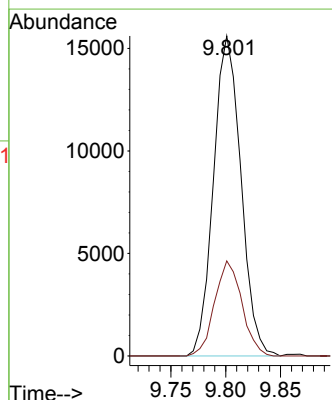
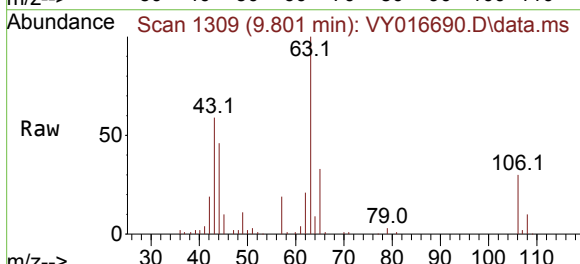
Instrument :
MSVOA_Y
ClientSampleId :

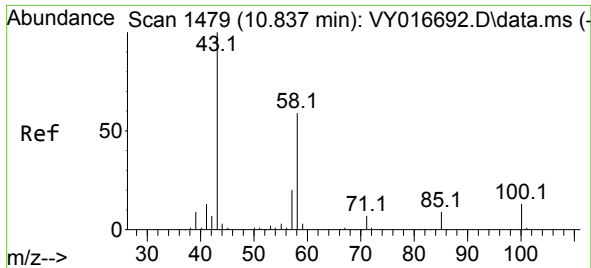
Tgt Ion: 76 Resp: 20790
Ion Ratio Lower Upper
76 100
78 33.7 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 56.199 ug/l
RT: 9.801 min Scan# 1309
Delta R.T. 0.012 min
Lab File: VY016690.D
Acq: 19 Dec 2023 11:18

Tgt Ion: 63 Resp: 27149
Ion Ratio Lower Upper
63 100
106 29.5 25.4 38.2

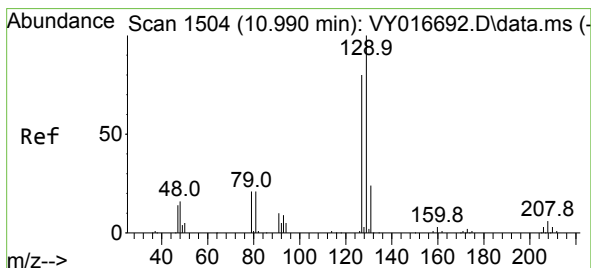
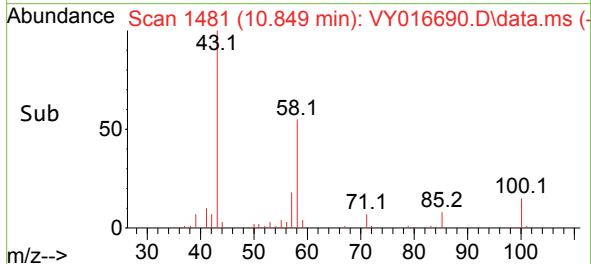
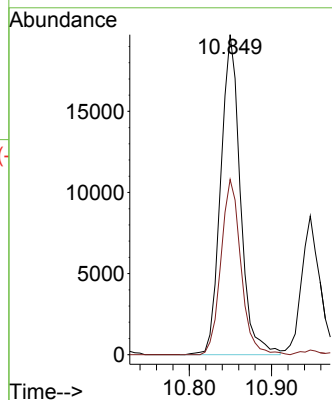
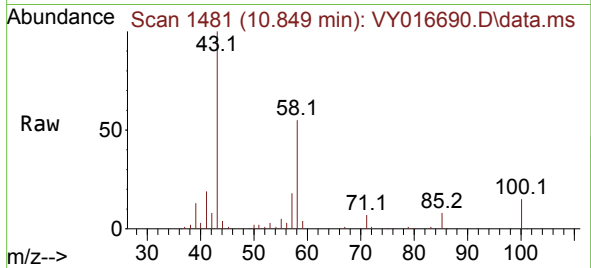




#59
2-Hexanone
Concen: 52.219 ug/l
RT: 10.849 min Scan# 1479
Delta R.T. 0.012 min
Lab File: VY016690.D
Acq: 19 Dec 2023 11:18

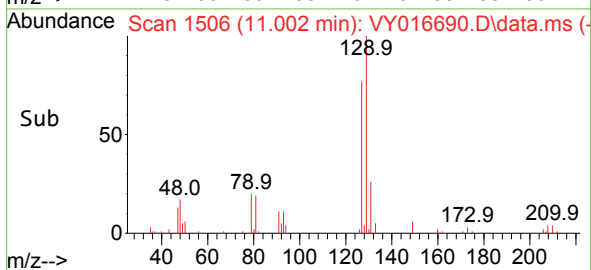
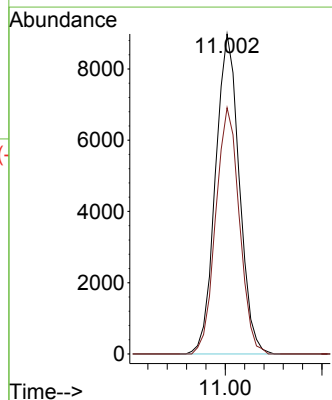
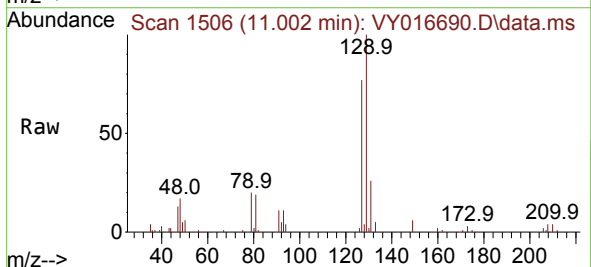
Instrument :
MSVOA_Y
ClientSampleId :

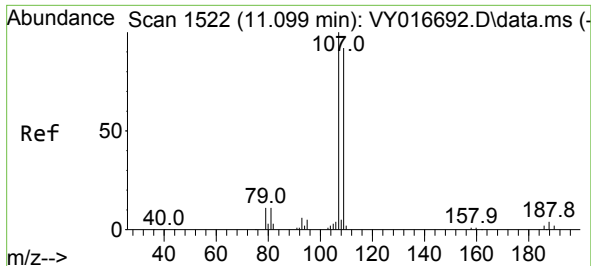
Tgt Ion: 43 Resp: 32756
Ion Ratio Lower Upper
43 100
58 55.7 30.8 92.4



#60
Dibromochloromethane
Concen: 10.329 ug/l
RT: 11.002 min Scan# 1506
Delta R.T. 0.012 min
Lab File: VY016690.D
Acq: 19 Dec 2023 11:18

Tgt Ion: 129 Resp: 15320
Ion Ratio Lower Upper
129 100
127 76.5 38.0 113.9

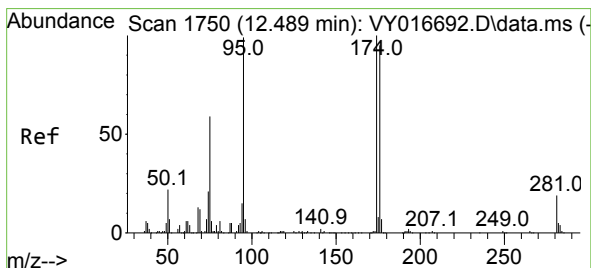
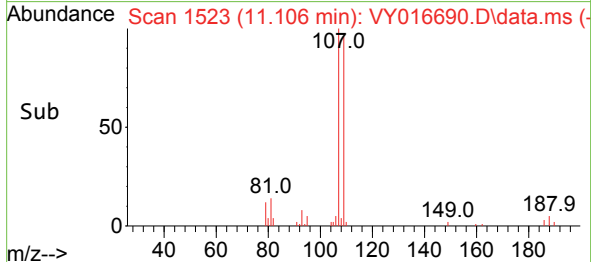
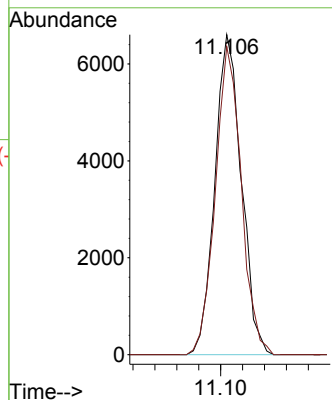
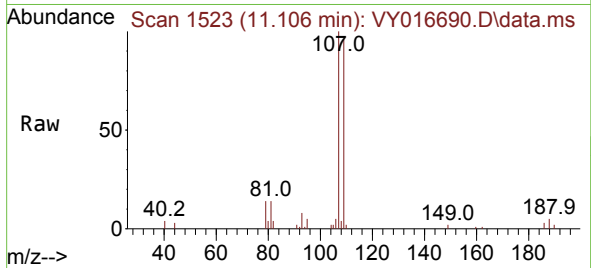




#61
1,2-Dibromoethane
Concen: 10.092 ug/l
RT: 11.106 min Scan# 1523
Delta R.T. 0.006 min
Lab File: VY016690.D
Acq: 19 Dec 2023 11:18

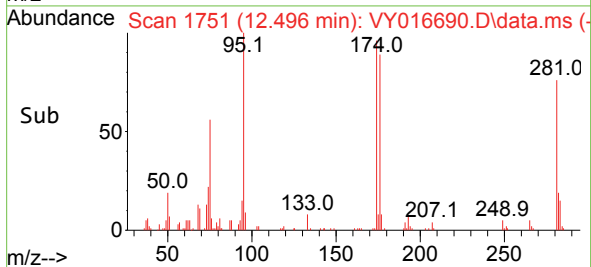
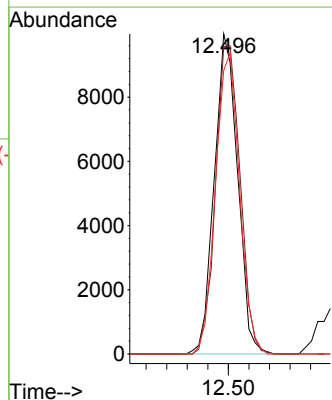
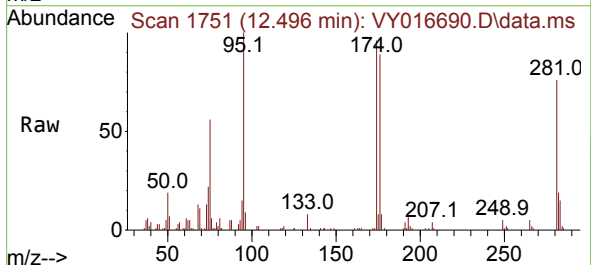
Instrument :
MSVOA_Y
ClientSampleId :

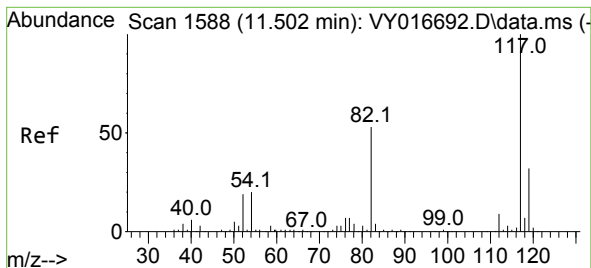
Tgt Ion:107 Resp: 11103
Ion Ratio Lower Upper
107 100
109 94.3 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 10.078 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016690.D
Acq: 19 Dec 2023 11:18

Tgt Ion: 95 Resp: 15645
Ion Ratio Lower Upper
95 100
174 101.6 0.0 181.0
176 97.2 0.0 176.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016690.D

Acq: 19 Dec 2023 11:18

Instrument :

MSVOA_Y

ClientSampleId :

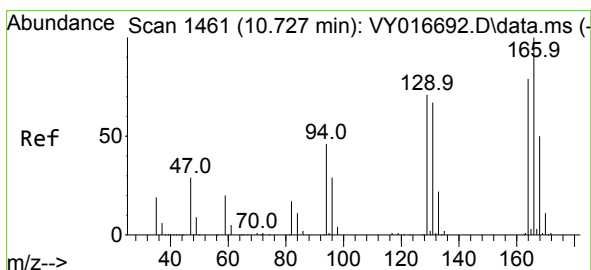
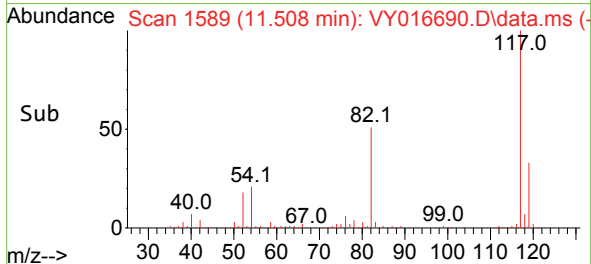
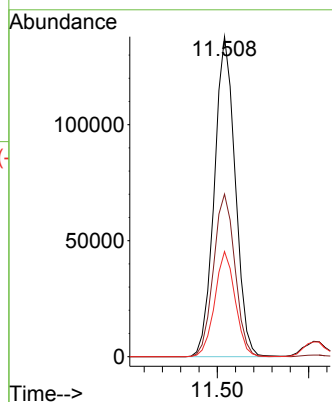
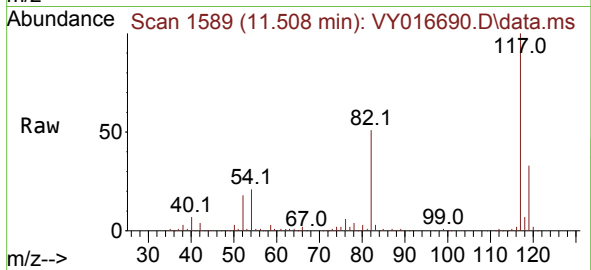
Tgt Ion:117 Resp: 218631

Ion Ratio Lower Upper

117 100

82 50.8 41.0 61.6

119 32.8 25.8 38.8



#64

Tetrachloroethene

Concen: 10.087 ug/l

RT: 10.740 min Scan# 1463

Delta R.T. 0.012 min

Lab File: VY016690.D

Acq: 19 Dec 2023 11:18

Tgt Ion:164 Resp: 15212

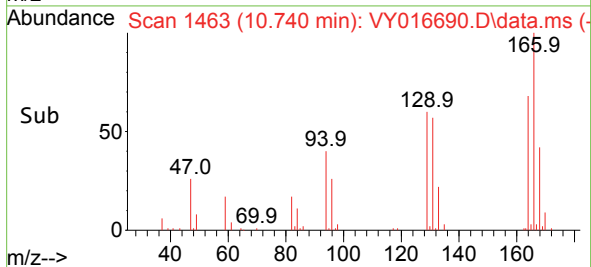
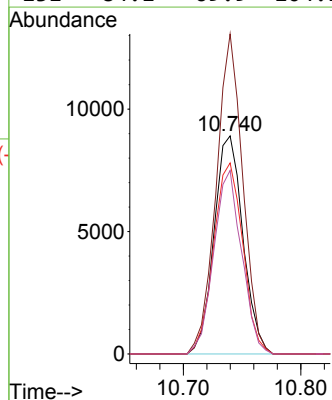
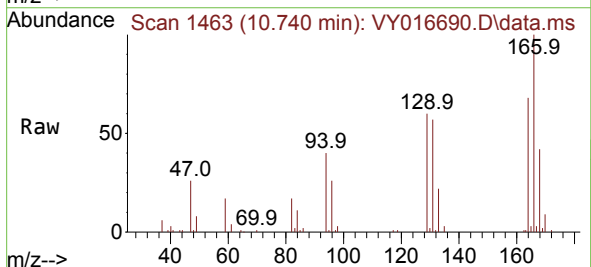
Ion Ratio Lower Upper

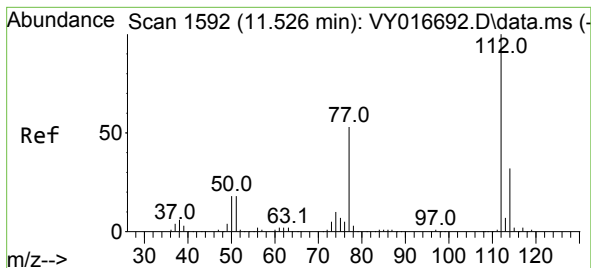
164 100

166 146.8 103.9 155.9

129 87.6 71.4 107.2

131 84.1 69.9 104.9





#65

Chlorobenzene

Concen: 10.359 ug/l

RT: 11.532 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016690.D

Acq: 19 Dec 2023 11:18

Instrument :

MSVOA_Y

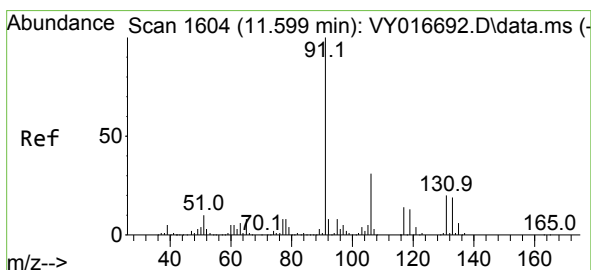
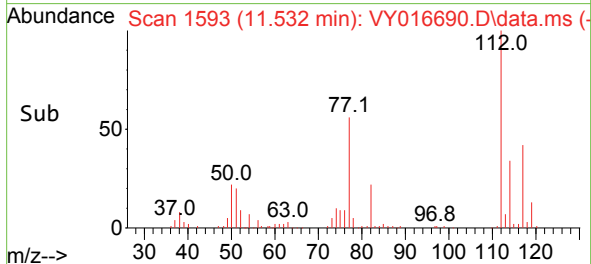
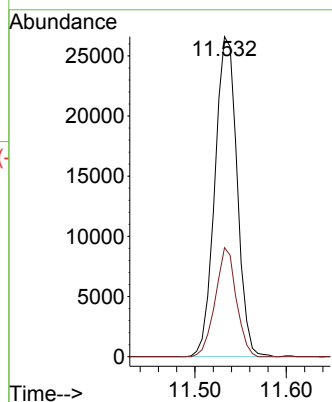
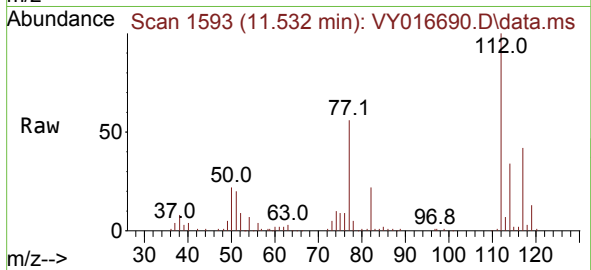
ClientSampleId :

Tgt Ion:112 Resp: 44852

Ion Ratio Lower Upper

112 100

114 34.1 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 10.040 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.006 min

Lab File: VY016690.D

Acq: 19 Dec 2023 11:18

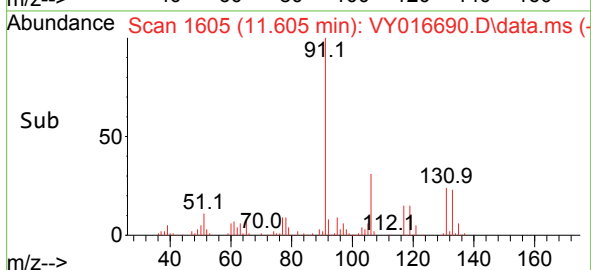
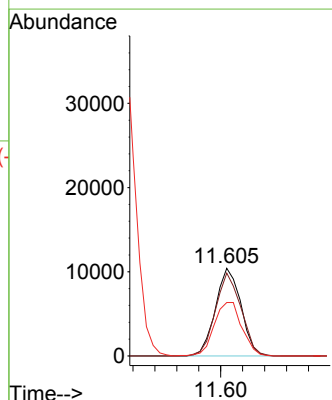
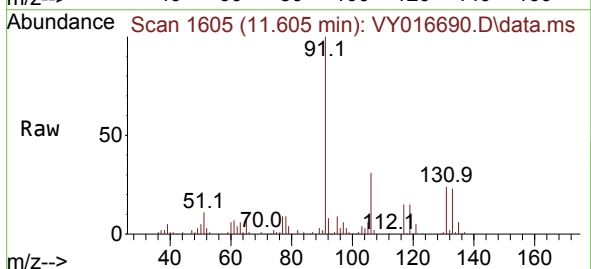
Tgt Ion:131 Resp: 16840

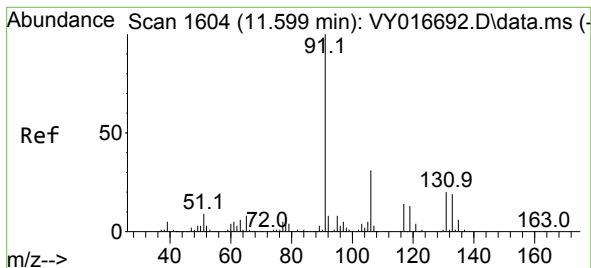
Ion Ratio Lower Upper

131 100

133 95.2 48.5 145.6

119 66.5 32.9 98.7





#67

Ethyl Benzene

Concen: 9.799 ug/l

RT: 11.612 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY016690.D

Acq: 19 Dec 2023 11:18

Instrument :

MSVOA_Y

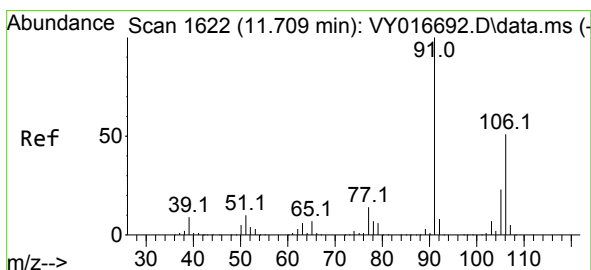
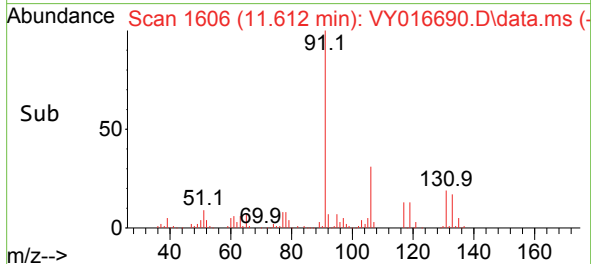
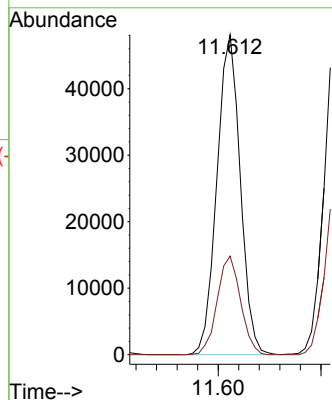
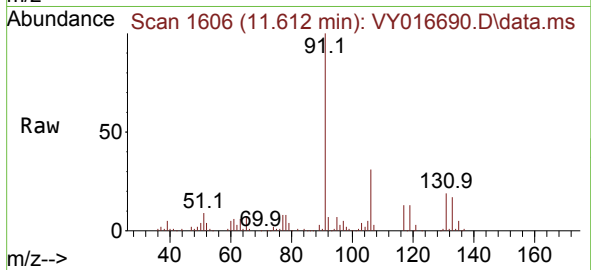
ClientSampleId :

Tgt Ion: 91 Resp: 75796

Ion Ratio Lower Upper

91 100

106 30.8 24.7 37.1



#68

m/p-Xylenes

Concen: 19.575 ug/l

RT: 11.721 min Scan# 1624

Delta R.T. 0.012 min

Lab File: VY016690.D

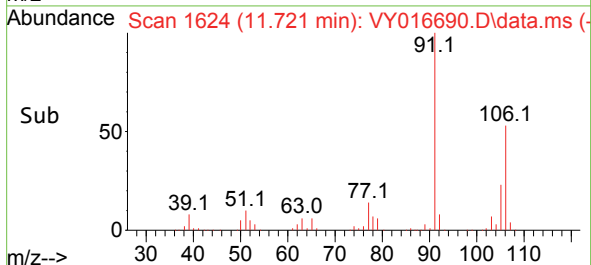
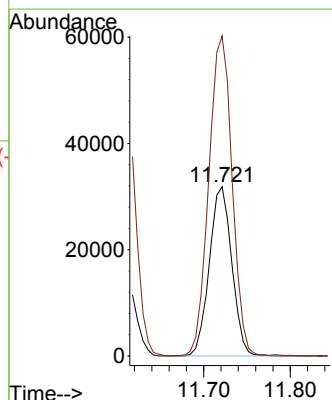
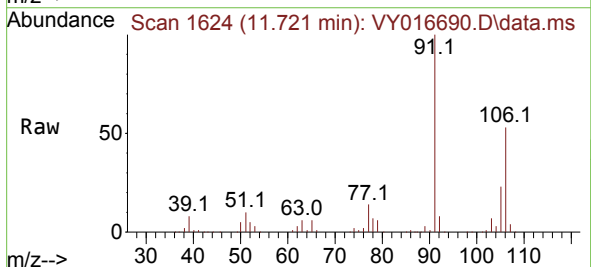
Acq: 19 Dec 2023 11:18

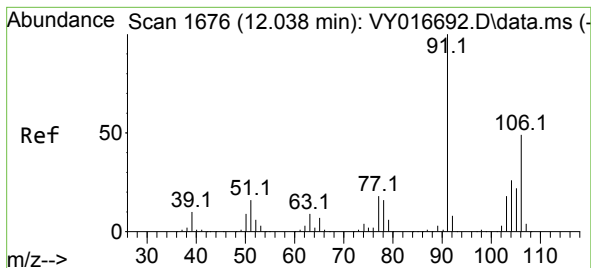
Tgt Ion:106 Resp: 57394

Ion Ratio Lower Upper

106 100

91 196.4 156.2 234.2





#69

o-Xylene

Concen: 9.773 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016690.D

Acq: 19 Dec 2023 11:18

Instrument :

MSVOA_Y

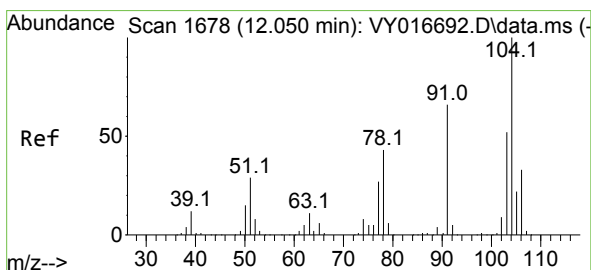
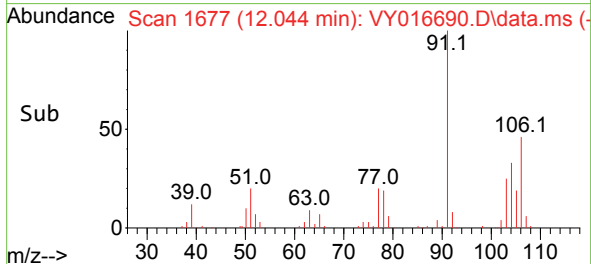
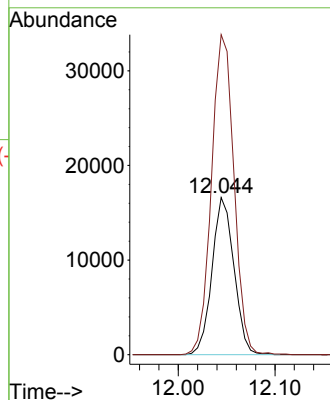
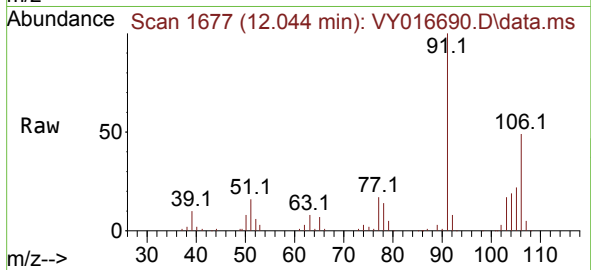
ClientSampleId :

Tgt Ion:106 Resp: 26177

Ion Ratio Lower Upper

106 100

91 209.0 102.8 308.4



#70

Styrene

Concen: 9.624 ug/l

RT: 12.063 min Scan# 1680

Delta R.T. 0.012 min

Lab File: VY016690.D

Acq: 19 Dec 2023 11:18

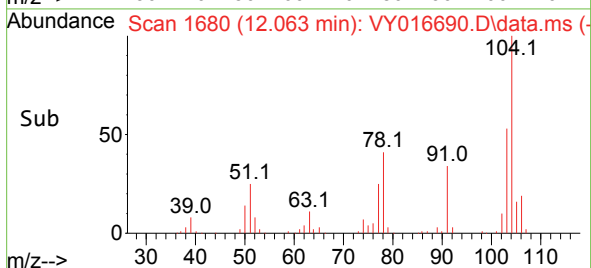
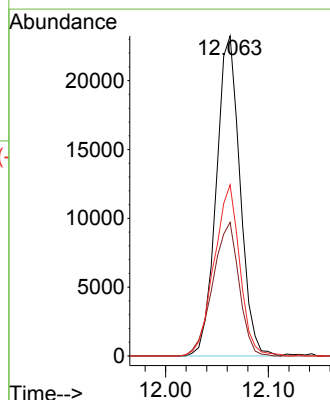
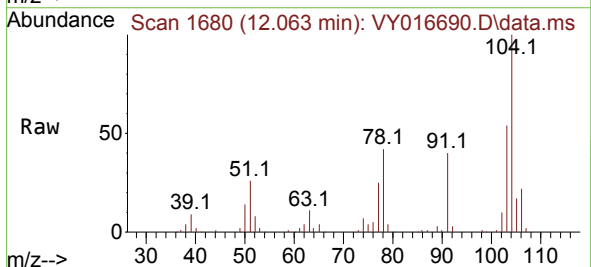
Tgt Ion:104 Resp: 37221

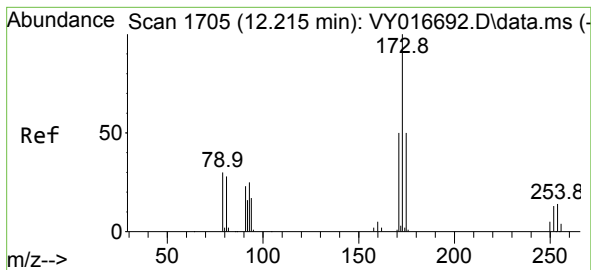
Ion Ratio Lower Upper

104 100

78 46.3 38.2 57.2

103 57.9 44.3 66.5





#71

Bromoform

Concen: 10.244 ug/l

RT: 12.227 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016690.D

Acq: 19 Dec 2023 11:18

Instrument :

MSVOA_Y

ClientSampleId :

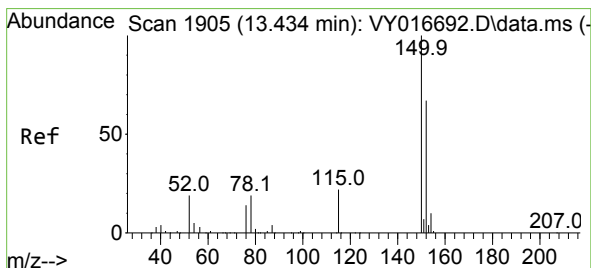
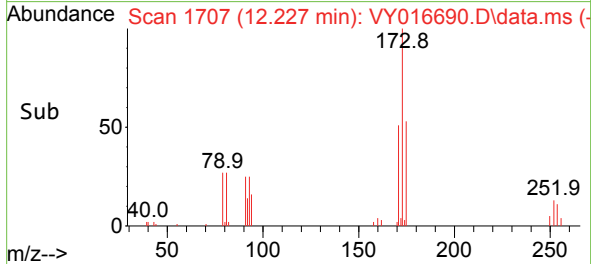
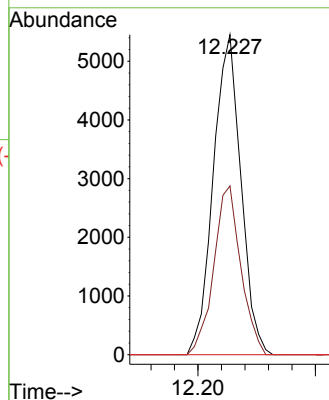
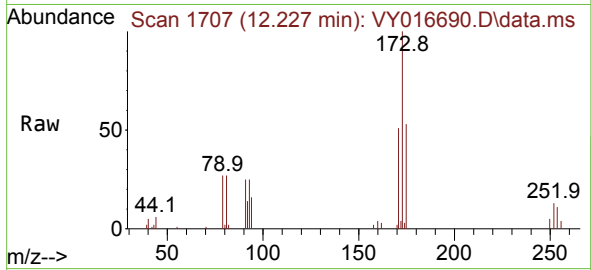
Tgt Ion:173 Resp: 8900

Ion Ratio Lower Upper

173 100

175 51.7 24.2 72.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY016690.D

Acq: 19 Dec 2023 11:18

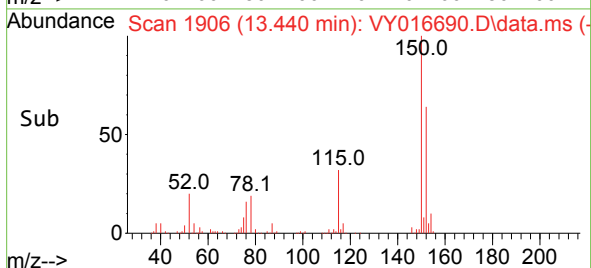
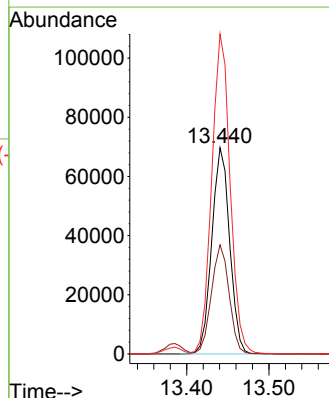
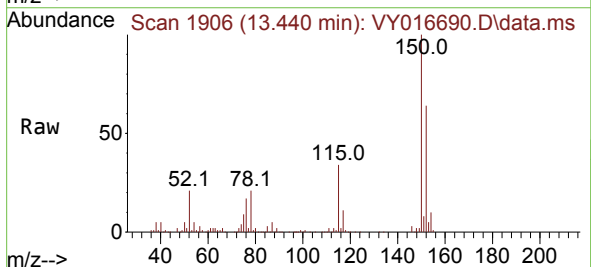
Tgt Ion:152 Resp: 105047

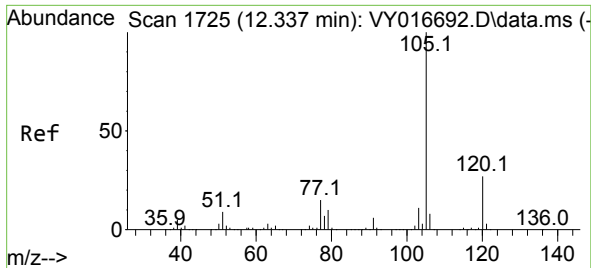
Ion Ratio Lower Upper

152 100

115 52.3 28.2 84.7

150 159.7 0.0 350.6

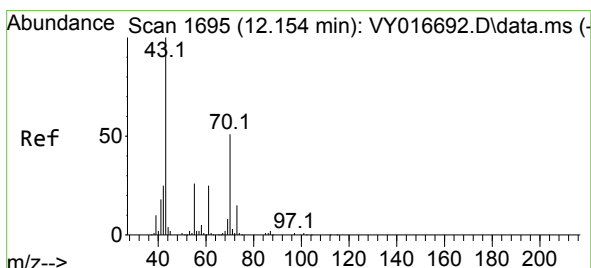
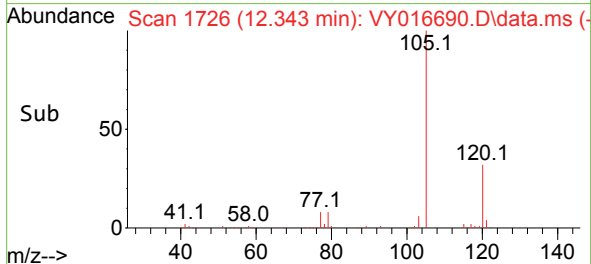
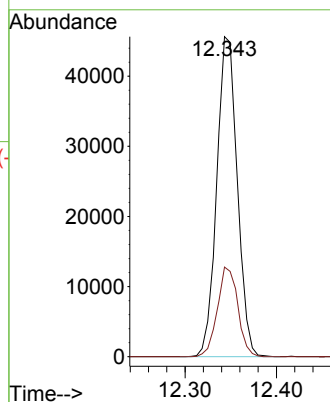
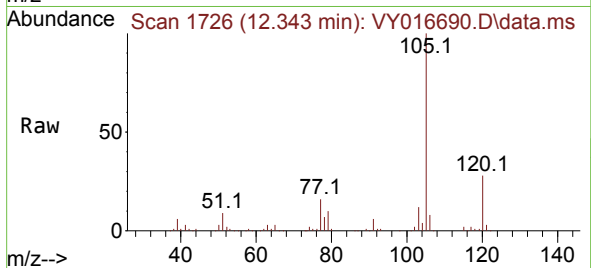




#73
Isopropylbenzene
Concen: 9.815 ug/l
RT: 12.343 min Scan# 1726
Delta R.T. 0.006 min
Lab File: VY016690.D
Acq: 19 Dec 2023 11:18

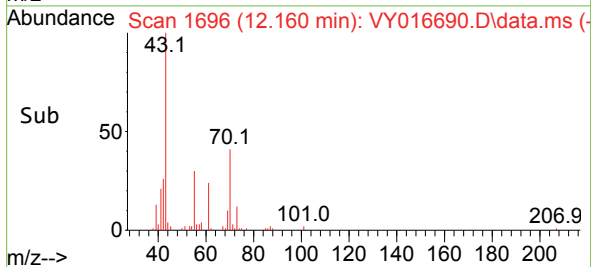
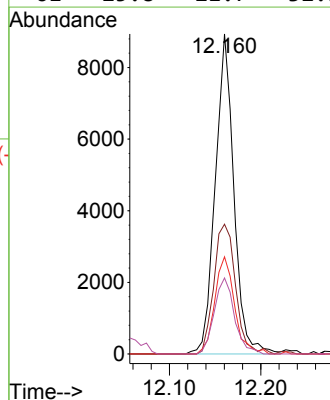
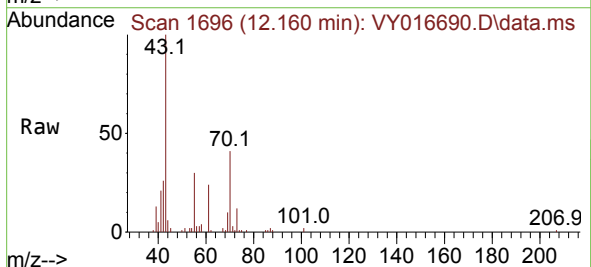
Instrument :
MSVOA_Y
ClientSampleId :

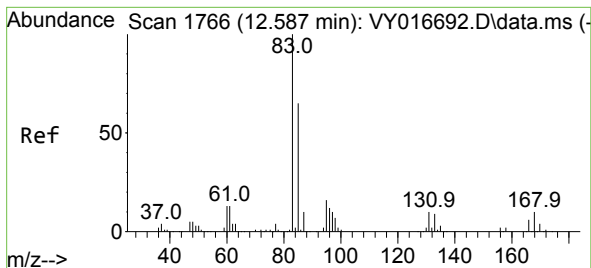
Tgt Ion:105 Resp: 71292
Ion Ratio Lower Upper
105 100
120 27.8 13.6 40.8



#74
N-ethyl acetate
Concen: 9.626 ug/l
RT: 12.160 min Scan# 1696
Delta R.T. 0.006 min
Lab File: VY016690.D
Acq: 19 Dec 2023 11:18

Tgt Ion: 43 Resp: 12651
Ion Ratio Lower Upper
43 100
70 47.3 41.2 61.8
55 32.4 22.2 33.2
61 25.8 21.7 32.5





#75

1,1,2,2-Tetrachloroethane

Concen: 10.140 ug/l

RT: 12.599 min Scan# 1768

Delta R.T. 0.012 min

Lab File: VY016690.D

Acq: 19 Dec 2023 11:18

Instrument :

MSVOA_Y

ClientSampleId :

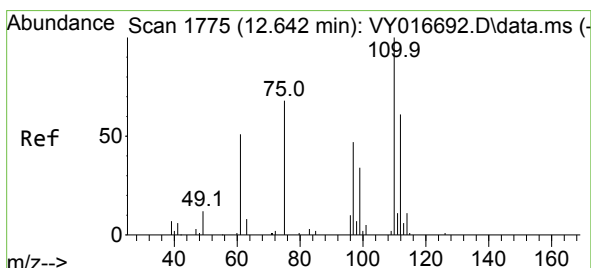
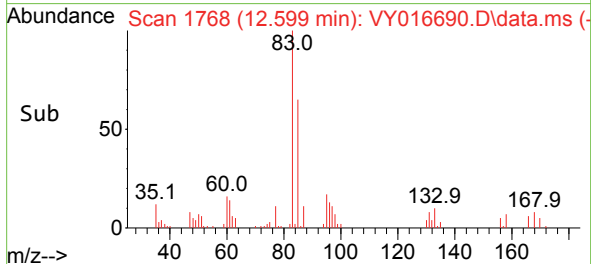
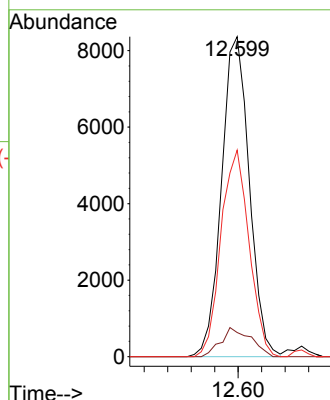
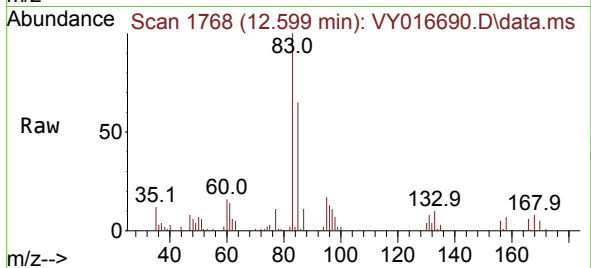
Tgt Ion: 83 Resp: 13704

Ion Ratio Lower Upper

83 100

131 9.8 5.5 16.4

85 65.3 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 18.373 ug/l

RT: 12.648 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VY016690.D

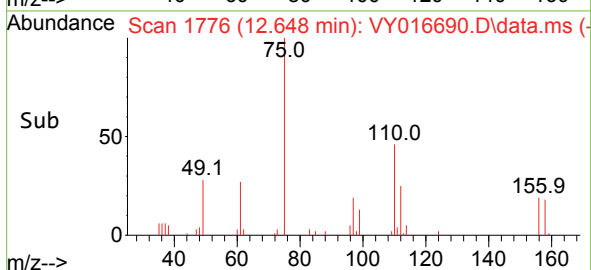
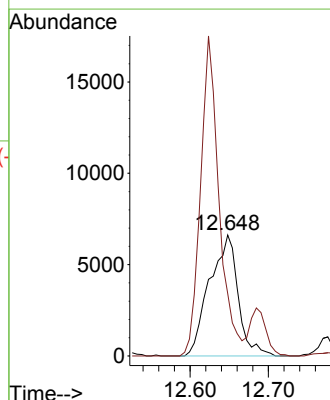
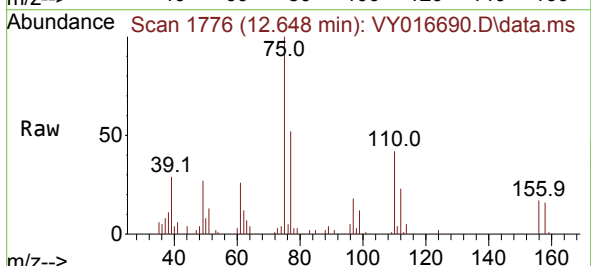
Acq: 19 Dec 2023 11:18

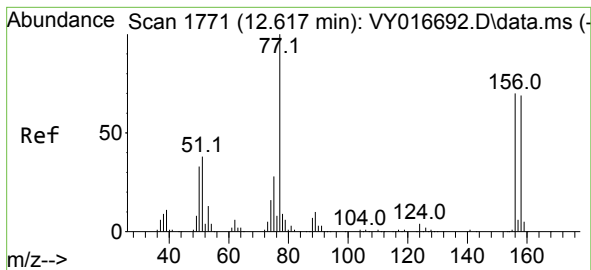
Tgt Ion: 75 Resp: 16777

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 10.064 ug/l

RT: 12.624 min Scan# 1772

Delta R.T. 0.006 min

Lab File: VY016690.D

Acq: 19 Dec 2023 11:18

Instrument :

MSVOA_Y

ClientSampleId :

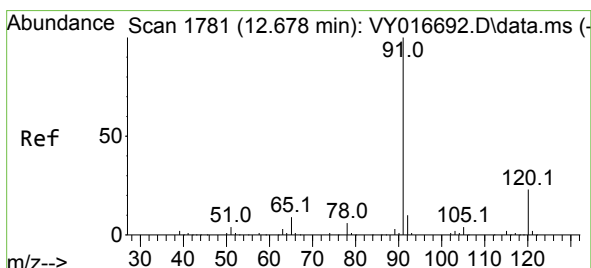
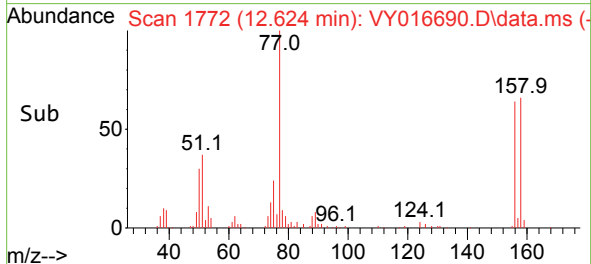
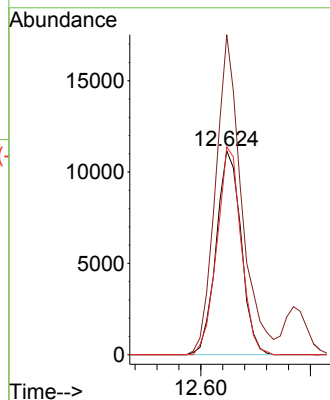
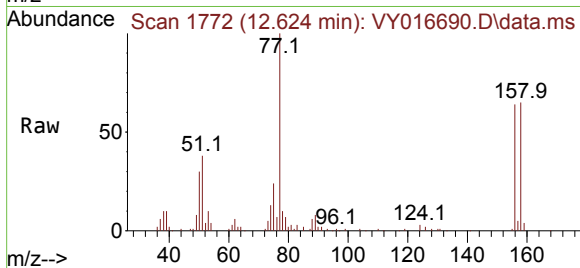
Tgt Ion:156 Resp: 17625

Ion Ratio Lower Upper

156 100

77 163.3 83.5 250.7

158 99.0 49.0 147.0



#78

n-propylbenzene

Concen: 9.907 ug/l

RT: 12.685 min Scan# 1782

Delta R.T. 0.006 min

Lab File: VY016690.D

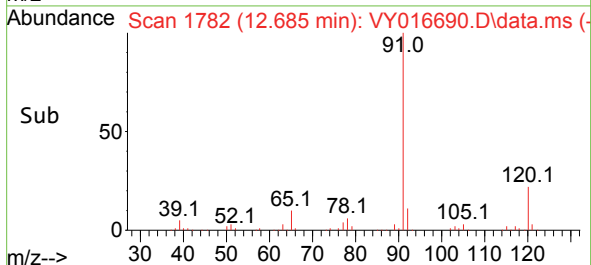
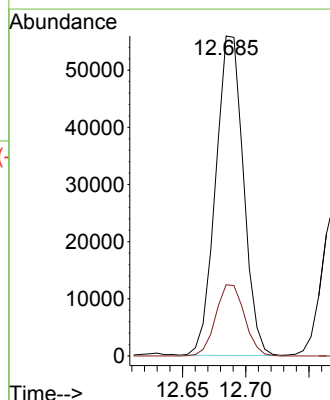
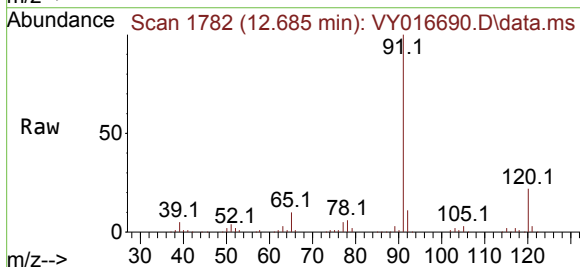
Acq: 19 Dec 2023 11:18

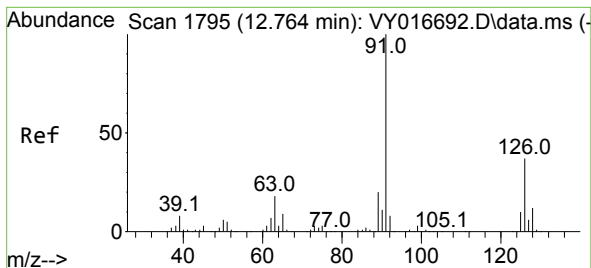
Tgt Ion: 91 Resp: 85311

Ion Ratio Lower Upper

91 100

120 23.1 11.9 35.7





#79

2-Chlorotoluene

Concen: 9.990 ug/l

RT: 12.776 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016690.D

Acq: 19 Dec 2023 11:18

Instrument :

MSVOA_Y

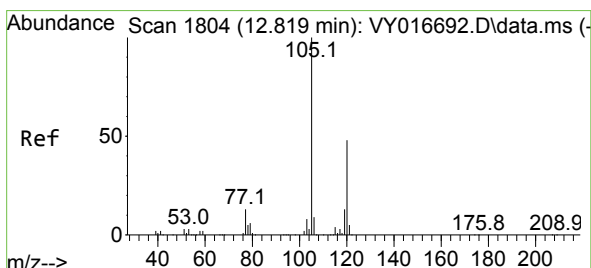
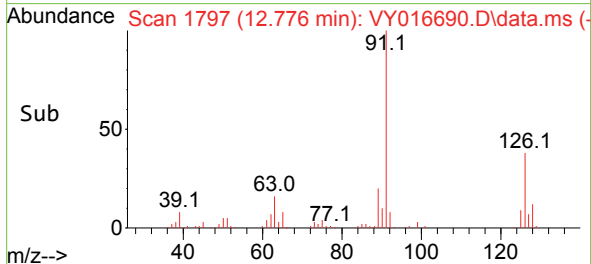
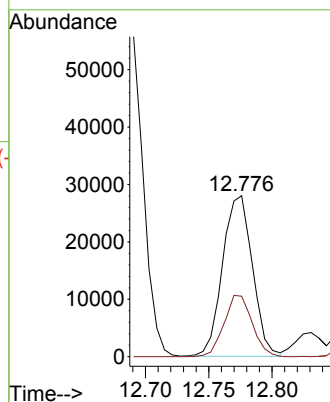
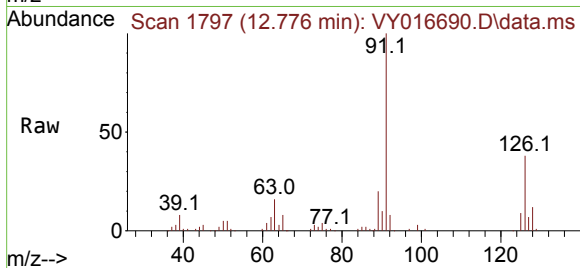
ClientSampleId :

Tgt Ion: 91 Resp: 46078

Ion Ratio Lower Upper

91 100

126 35.9 18.0 54.0



#80

1,3,5-Trimethylbenzene

Concen: 9.765 ug/l

RT: 12.825 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VY016690.D

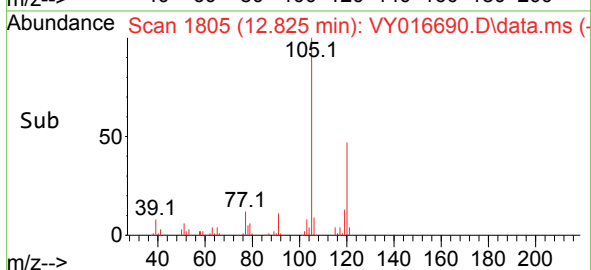
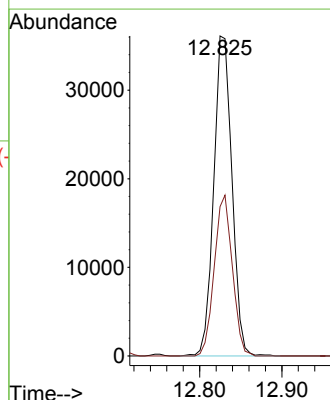
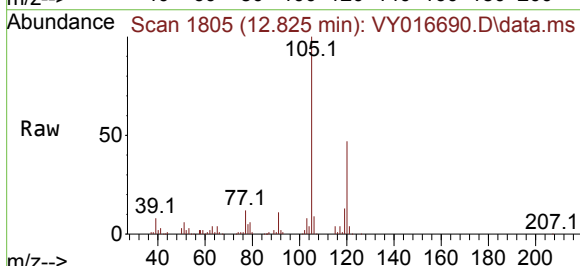
Acq: 19 Dec 2023 11:18

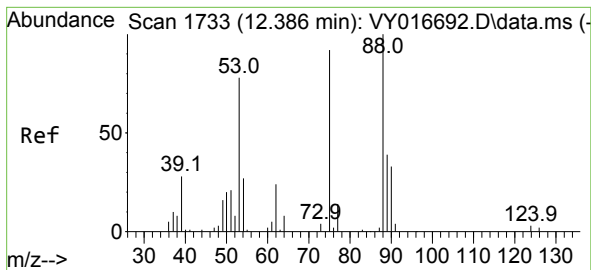
Tgt Ion: 105 Resp: 55578

Ion Ratio Lower Upper

105 100

120 49.8 25.2 75.6

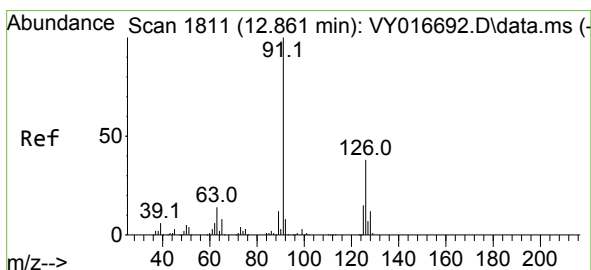
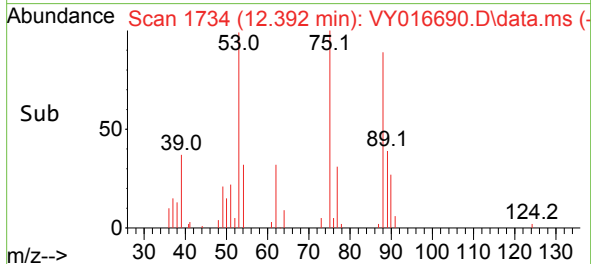
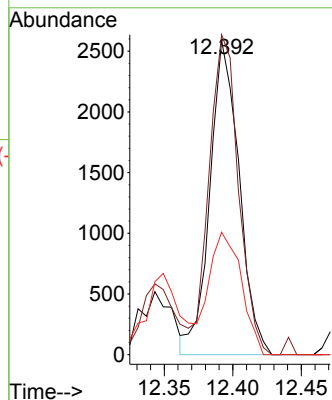
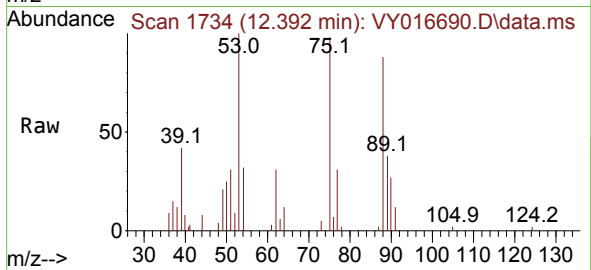




#81
trans-1,4-Dichloro-2-butene
Concen: 9.646 ug/l
RT: 12.392 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016690.D
Acq: 19 Dec 2023 11:18

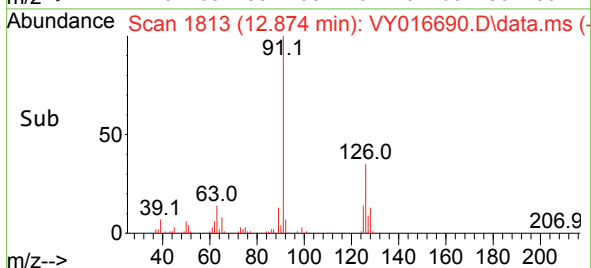
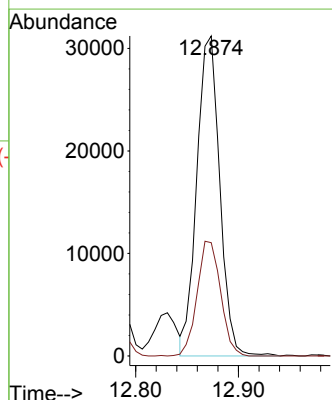
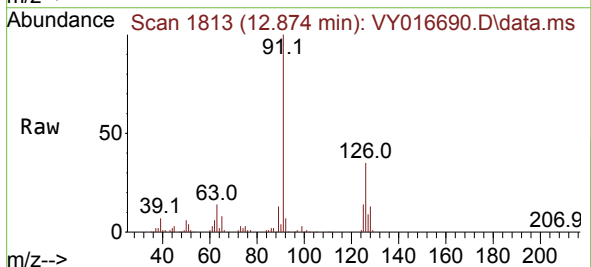
Instrument :
MSVOA_Y
ClientSampleId :

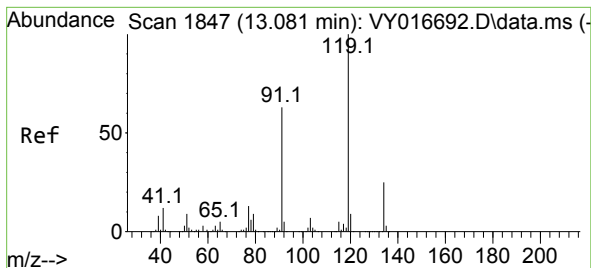
Tgt Ion: 75 Resp: 3839
Ion Ratio Lower Upper
75 100
53 102.1 62.9 94.3#
89 42.6 35.8 53.8



#82
4-Chlorotoluene
Concen: 10.168 ug/l
RT: 12.874 min Scan# 1813
Delta R.T. 0.012 min
Lab File: VY016690.D
Acq: 19 Dec 2023 11:18

Tgt Ion: 91 Resp: 48496
Ion Ratio Lower Upper
91 100
126 36.7 18.0 54.0





#83

tert-Butylbenzene

Concen: 9.994 ug/l

RT: 13.093 min Scan# 119

Delta R.T. 0.012 min

Lab File: VY016690.D

Acq: 19 Dec 2023 11:18

Instrument :

MSVOA_Y

ClientSampleId :

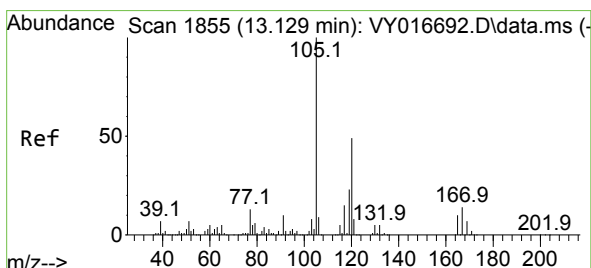
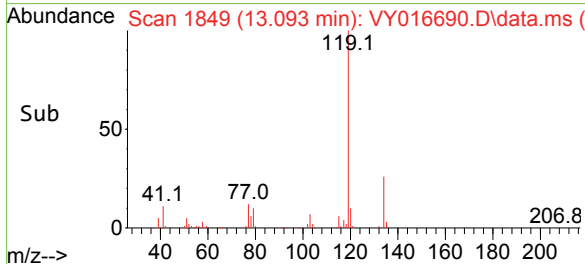
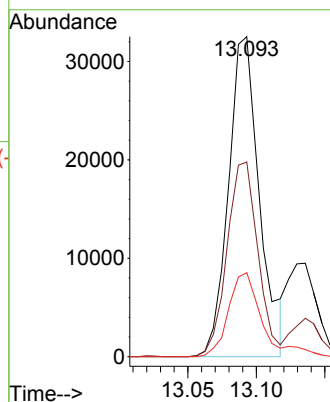
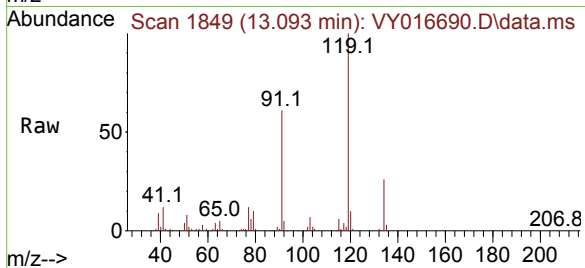
Tgt Ion:119 Resp: 51183

Ion Ratio Lower Upper

119 100

91 60.7 30.8 92.3

134 28.4 13.3 39.8



#84

1,2,4-Trimethylbenzene

Concen: 9.608 ug/l

RT: 13.136 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VY016690.D

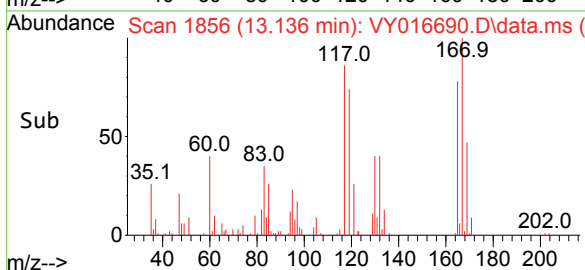
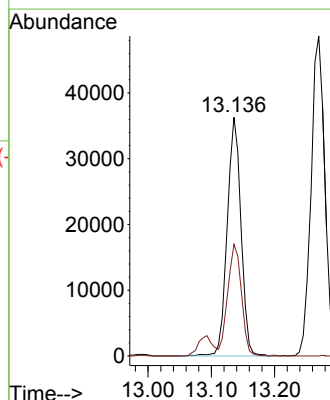
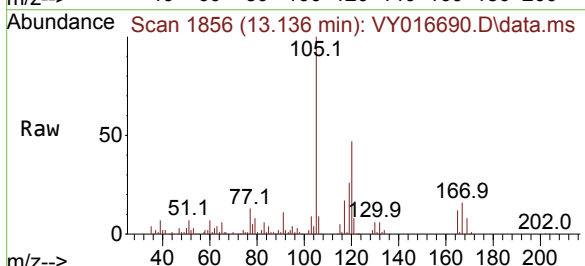
Acq: 19 Dec 2023 11:18

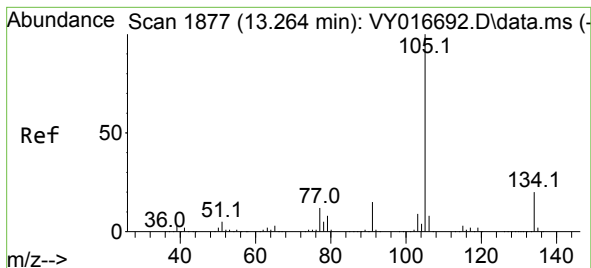
Tgt Ion:105 Resp: 54815

Ion Ratio Lower Upper

105 100

120 46.4 23.2 69.5





#85

sec-Butylbenzene

Concen: 9.934 ug/l

RT: 13.270 min Scan# 1878

Delta R.T. 0.006 min

Lab File: VY016690.D

Acq: 19 Dec 2023 11:18

Instrument :

MSVOA_Y

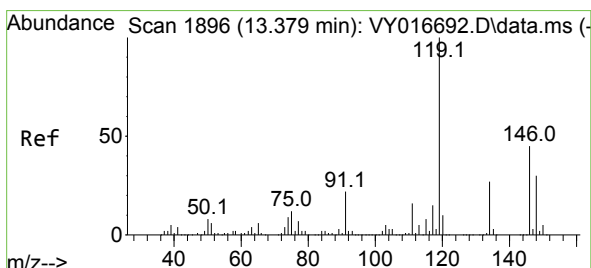
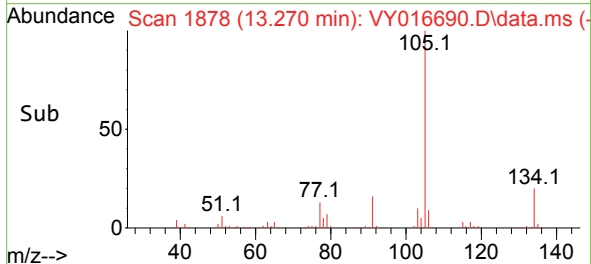
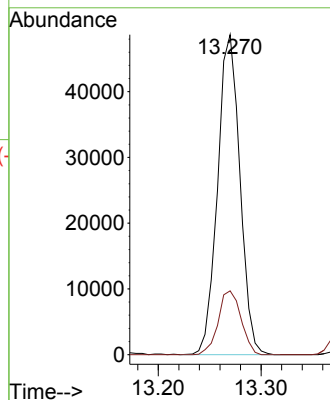
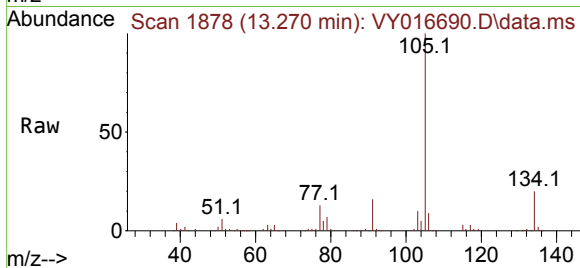
ClientSampleId :

Tgt Ion:105 Resp: 73373

Ion Ratio Lower Upper

105 100

134 20.4 10.4 31.1



#86

p-Isopropyltoluene

Concen: 9.426 ug/l

RT: 13.386 min Scan# 1897

Delta R.T. 0.006 min

Lab File: VY016690.D

Acq: 19 Dec 2023 11:18

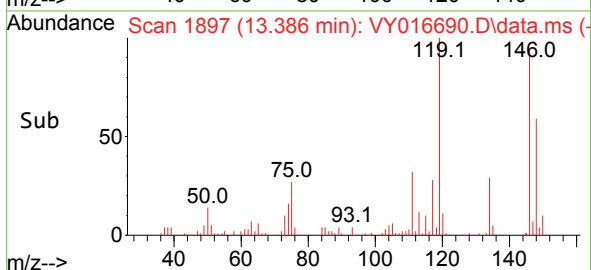
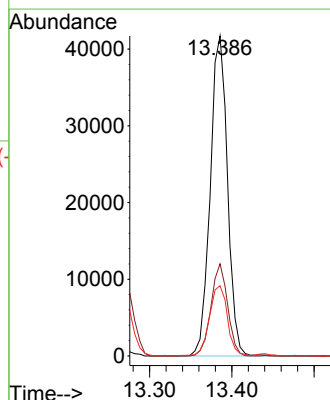
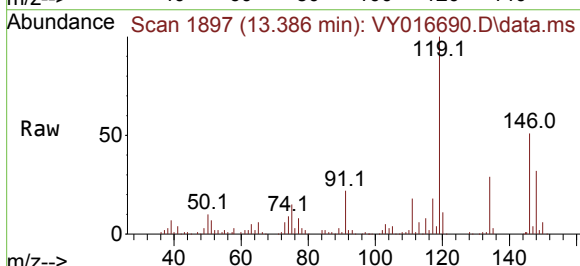
Tgt Ion:119 Resp: 60862

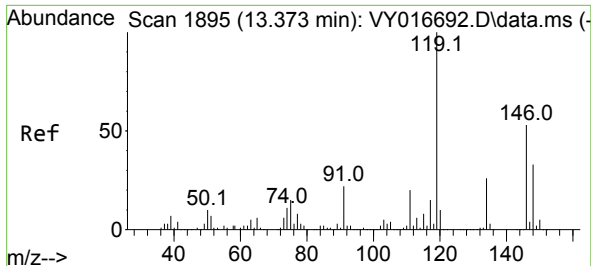
Ion Ratio Lower Upper

119 100

134 27.7 13.4 40.1

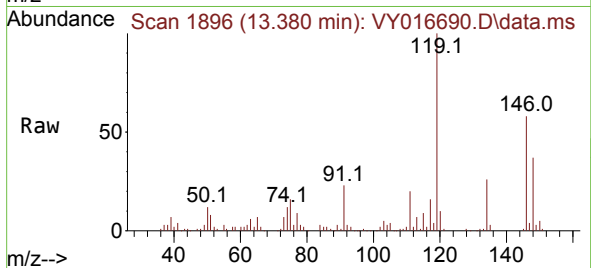
91 23.0 11.2 33.5



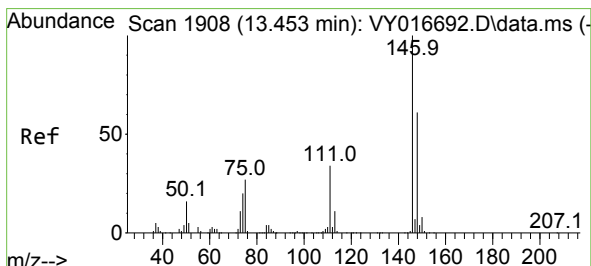
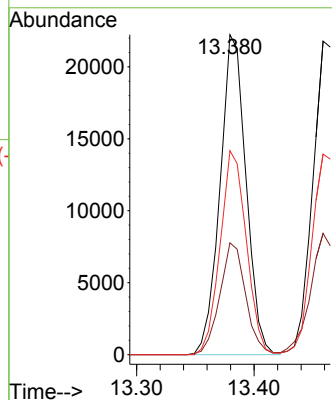
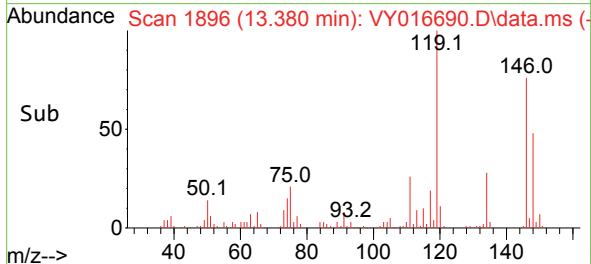


#87
 1,3-Dichlorobenzene
 Concen: 9.878 ug/l
 RT: 13.380 min Scan# 1896
 Delta R.T. 0.006 min
 Lab File: VY016690.D
 Acq: 19 Dec 2023 11:18

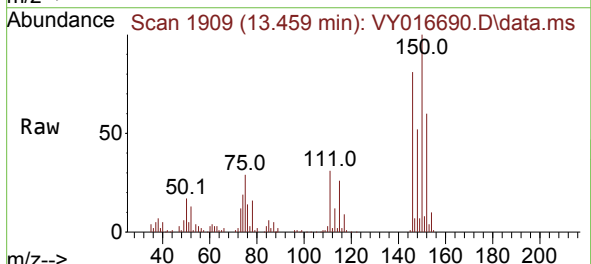
Instrument :
 MSVOA_Y
 ClientSampleId :



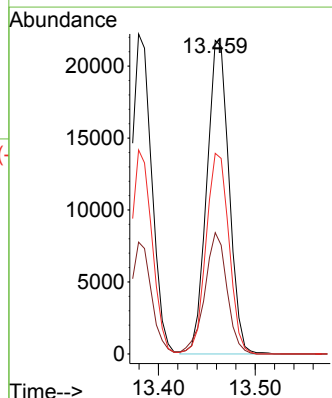
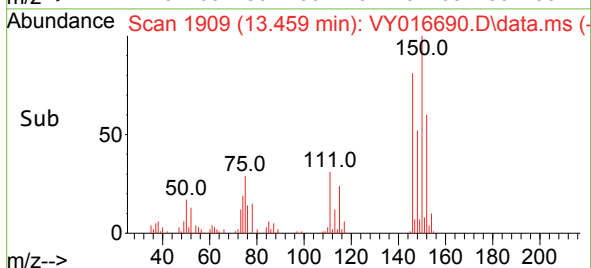
Tgt Ion:146 Resp: 34231
 Ion Ratio Lower Upper
 146 100
 111 34.8 19.1 57.1
 148 64.2 31.6 94.8

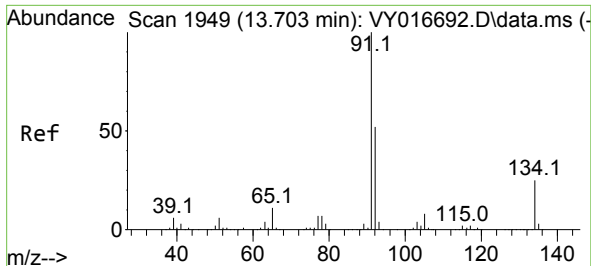


#88
 1,4-Dichlorobenzene
 Concen: 10.491 ug/l
 RT: 13.459 min Scan# 1909
 Delta R.T. 0.006 min
 Lab File: VY016690.D
 Acq: 19 Dec 2023 11:18



Tgt Ion:146 Resp: 34831
 Ion Ratio Lower Upper
 146 100
 111 38.8 18.4 55.4
 148 65.8 32.0 96.2

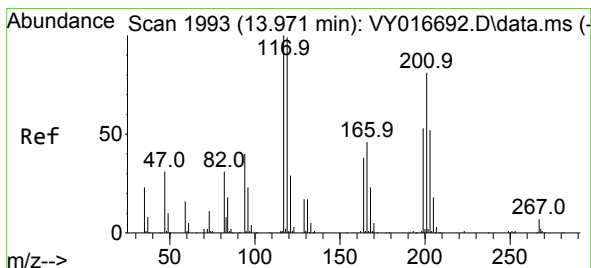
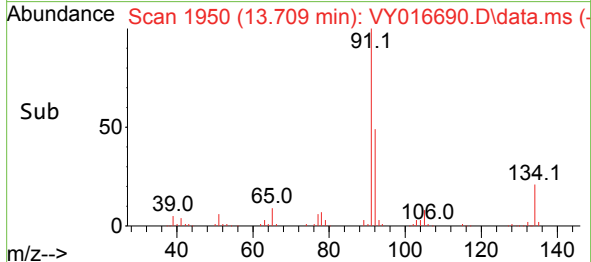
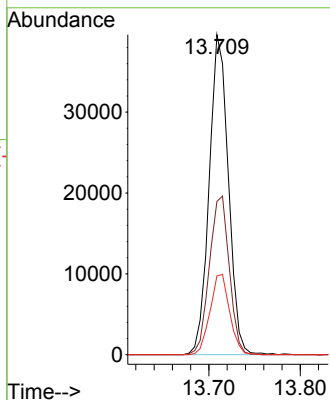
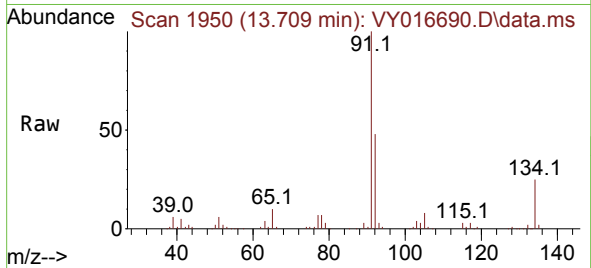




#89
n-Butylbenzene
Concen: 9.769 ug/l
RT: 13.709 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VY016690.D
Acq: 19 Dec 2023 11:18

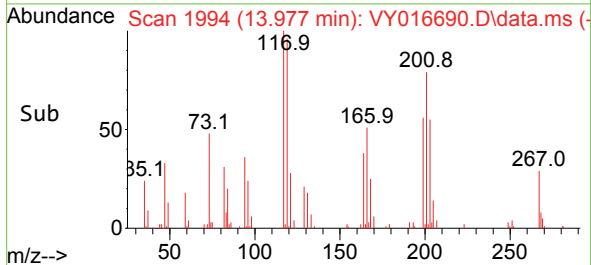
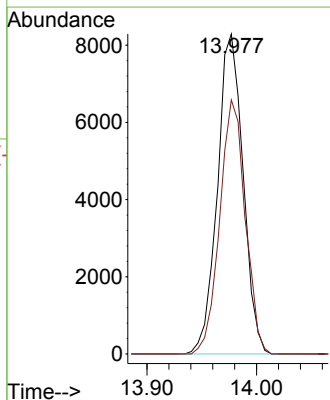
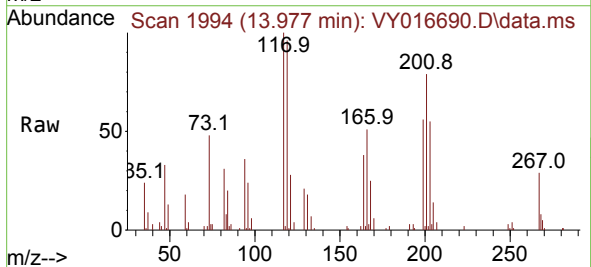
Instrument :
MSVOA_Y
ClientSampleId :

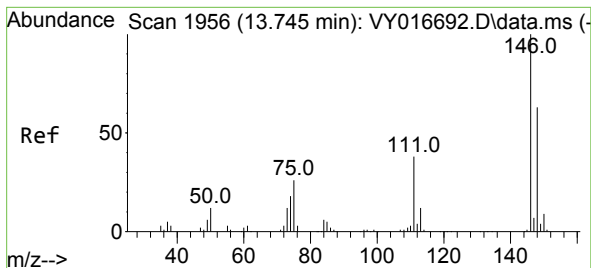
Tgt Ion: 91 Resp: 57661
Ion Ratio Lower Upper
91 100
92 51.3 26.5 79.5
134 25.7 13.7 41.1



#90
Hexachloroethane
Concen: 10.480 ug/l
RT: 13.977 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VY016690.D
Acq: 19 Dec 2023 11:18

Tgt Ion: 117 Resp: 13486
Ion Ratio Lower Upper
117 100
201 78.7 41.5 124.5





#91

1,2-Dichlorobenzene

Concen: 10.443 ug/l

RT: 13.757 min Scan# 1958

Delta R.T. 0.012 min

Lab File: VY016690.D

Acq: 19 Dec 2023 11:18

Instrument :

MSVOA_Y

ClientSampleId :

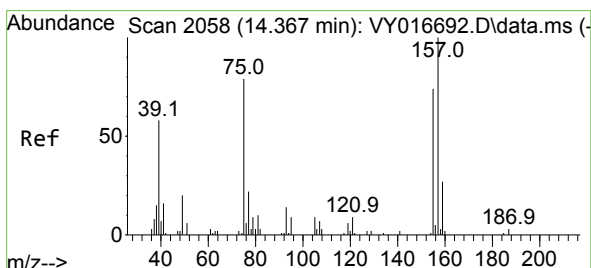
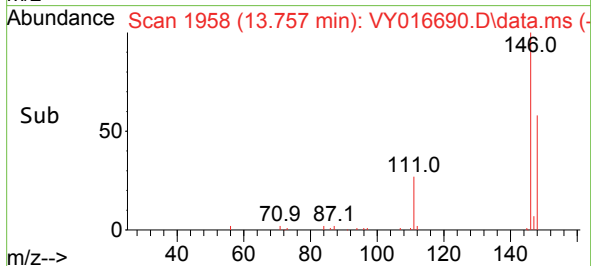
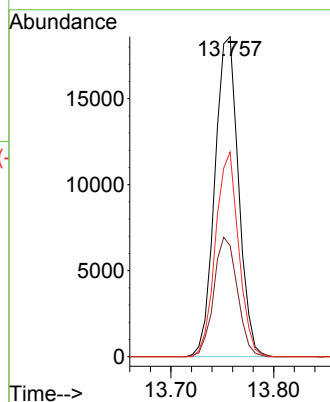
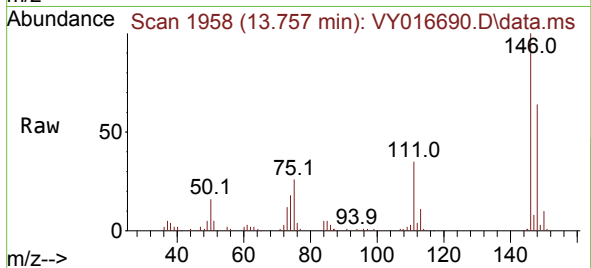
Tgt Ion:146 Resp: 29734

Ion Ratio Lower Upper

146 100

111 37.3 19.5 58.5

148 62.4 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 10.756 ug/l

RT: 14.373 min Scan# 2059

Delta R.T. 0.006 min

Lab File: VY016690.D

Acq: 19 Dec 2023 11:18

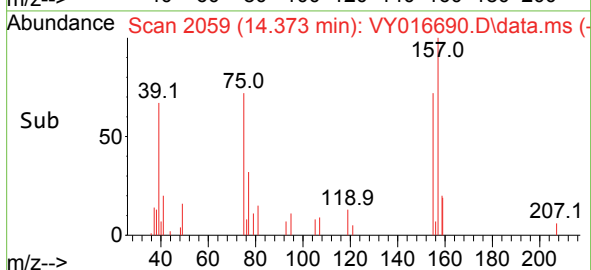
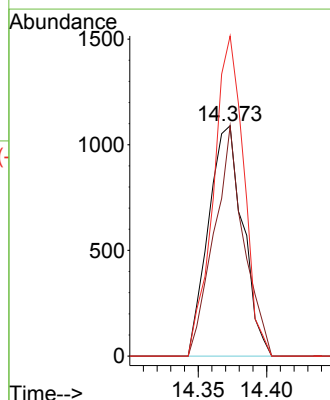
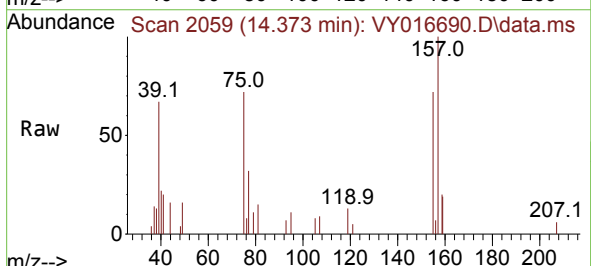
Tgt Ion: 75 Resp: 1906

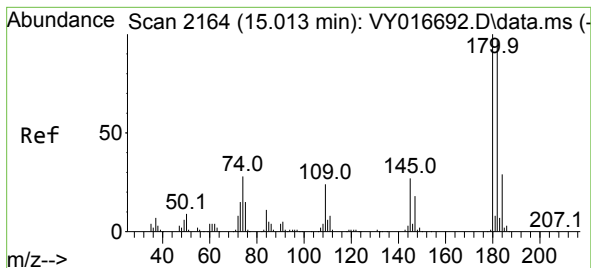
Ion Ratio Lower Upper

75 100

155 86.1 49.4 148.2

157 122.7 64.4 193.2





#93

1,2,4-Trichlorobenzene

Concen: 10.350 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY016690.D

Acq: 19 Dec 2023 11:18

Instrument :

MSVOA_Y

ClientSampleId :

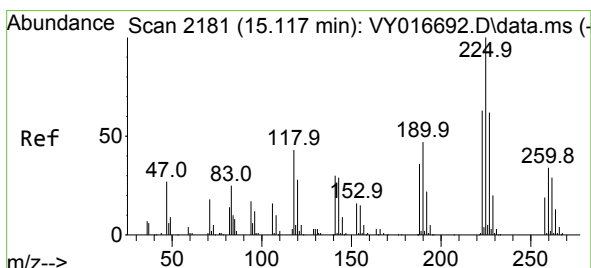
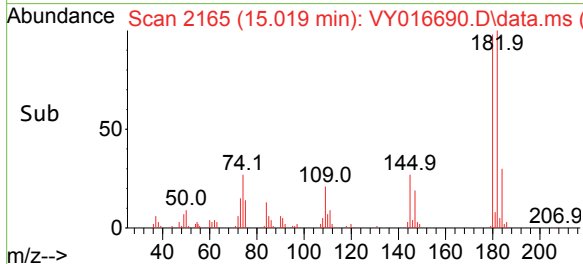
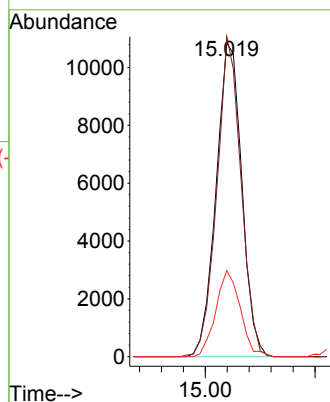
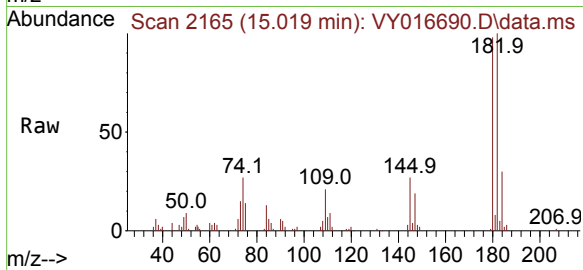
Tgt Ion:180 Resp: 17614

Ion Ratio Lower Upper

180 100

182 96.1 47.6 142.9

145 26.2 14.8 44.4



#94

Hexachlorobutadiene

Concen: 10.960 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY016690.D

Acq: 19 Dec 2023 11:18

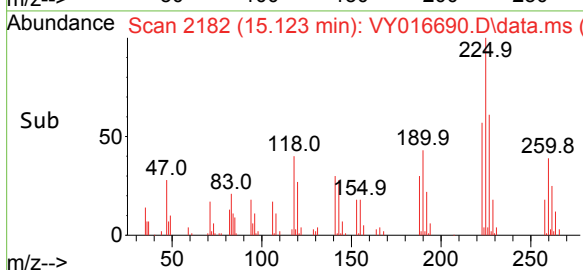
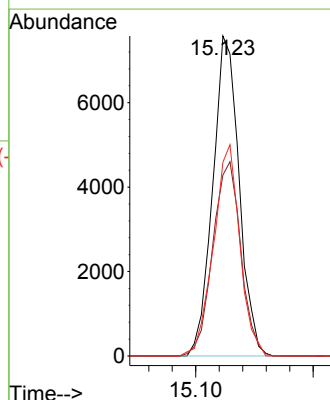
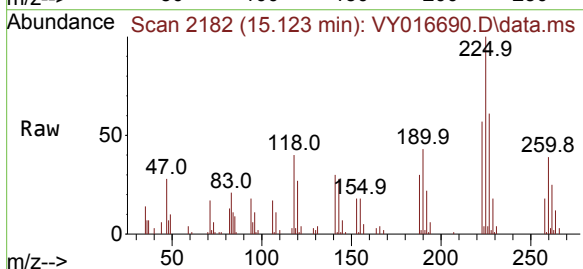
Tgt Ion:225 Resp: 11789

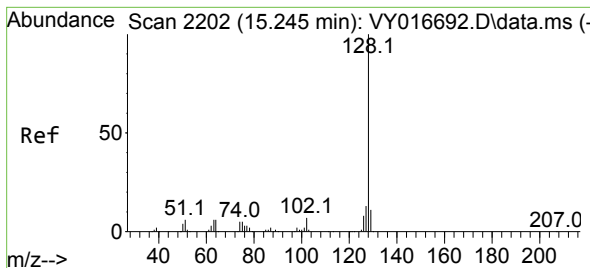
Ion Ratio Lower Upper

225 100

223 64.9 31.4 94.2

227 66.0 31.9 95.9





#95

Naphthalene

Concen: 9.811 ug/l

RT: 15.251 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY016690.D

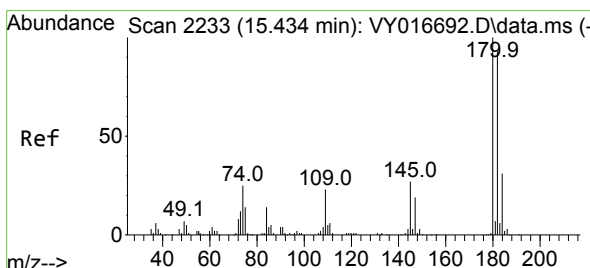
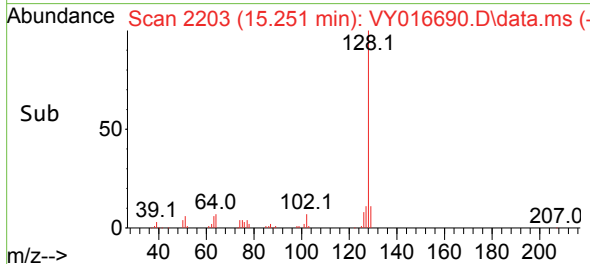
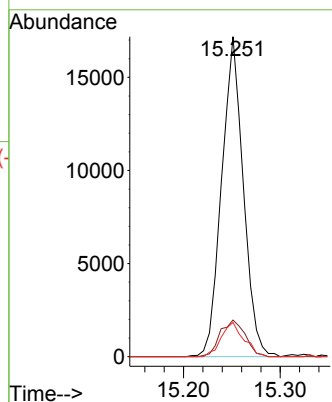
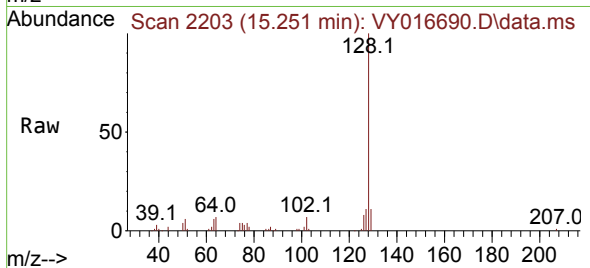
Acq: 19 Dec 2023 11:18

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	128	Resp:	26728
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.1	15.1
129	11.1	8.8	13.2



#96

1,2,3-Trichlorobenzene

Concen: 10.381 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY016690.D

Acq: 19 Dec 2023 11:18

Tgt Ion:	180	Resp:	14943
Ion Ratio	Lower	Upper	
180	100		
182	95.3	47.3	141.8
145	29.1	15.5	46.5

