

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121923\
 Data File : VY016689.D
 Acq On : 19 Dec 2023 10:56
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 20 05:24:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 20 05:23:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	171153	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.704	114	265278	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	225566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	105290	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	7215	5.097	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	10.200%#
35) Dibromofluoromethane	7.734	113	7451	4.769	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	9.540%#
50) Toluene-d8	10.197	98	24898	4.400	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	8.800%#
62) 4-Bromofluorobenzene	12.496	95	7392	4.595	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	9.180%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	7562	2.743	ug/l	97
3) Chloromethane	2.119	50	18305	2.700	ug/l	93
4) Vinyl Chloride	2.260	62	19715	5.964	ug/l	94
5) Bromomethane	2.662	94	16197	5.647	ug/l	97
6) Chloroethane	2.808	64	14055	5.681	ug/l	93
7) Trichlorofluoromethane	3.137	101	15805	5.455	ug/l	100
8) Diethyl Ether	3.552	74	3975	5.125	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.912	101	8240	5.242	ug/l	91
10) Methyl Iodide	4.107	142	8776	4.916	ug/l	99
11) Tert butyl alcohol	4.979	59	3124	30.304	ug/l #	90
12) 1,1-Dichloroethene	3.887	96	7457	5.230	ug/l	98
13) Acrolein	3.747	56	1098	14.083	ug/l #	64
14) Allyl chloride	4.503	41	9247	5.195	ug/l	88
15) Acrylonitrile	5.180	53	8370	26.957	ug/l	98
16) Acetone	3.967	43	10569	30.067	ug/l #	86
17) Carbon Disulfide	4.216	76	19840	5.200	ug/l	99
18) Methyl Acetate	4.497	43	6322	5.154	ug/l	90
19) Methyl tert-butyl Ether	5.247	73	17039	4.947	ug/l	98
20) Methylene Chloride	4.741	84	12014	2.938	ug/l	96
21) trans-1,2-Dichloroethene	5.235	96	8491	5.266	ug/l #	80
22) Diisopropyl ether	6.137	45	19292	4.735	ug/l #	85
23) Vinyl Acetate	6.082	43	39077	19.613	ug/l	99
24) 1,1-Dichloroethane	6.033	63	14376	5.123	ug/l	99
25) 2-Butanone	7.009	43	12175	12.050	ug/l	91
26) 2,2-Dichloropropane	6.996	77	13311	5.224	ug/l	95
27) cis-1,2-Dichloroethene	7.009	96	8888	4.877	ug/l	89
28) Bromochloromethane	7.344	49	4700	4.613	ug/l #	83
29) Tetrahydrofuran	7.368	42	5481	23.914	ug/l	98
30) Chloroform	7.527	83	15694	5.213	ug/l	99
31) Cyclohexane	7.807	56	13174	5.685	ug/l #	85
32) 1,1,1-Trichloroethane	7.716	97	13640	5.103	ug/l	94
36) 1,1-Dichloropropene	7.935	75	11836	5.008	ug/l	94
37) Ethyl Acetate	7.100	43	4758	5.256	ug/l #	88
38) Carbon Tetrachloride	7.917	117	12697	4.979	ug/l	96
39) Methylcyclohexane	9.197	83	11887	4.369	ug/l	97
40) Benzene	8.179	78	33082	4.872	ug/l	99

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 Sample : VSTDIC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 20 05:24:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 20 05:23:33 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	2007	4.175	ug/l #	88
42) 1,2-Dichloroethane	8.258	62	9795	5.098	ug/l	97
43) Isopropyl Acetate	8.289	43	8510	4.895	ug/l	98
44) Trichloroethene	8.953	130	9374	5.017	ug/l	88
45) 1,2-Dichloropropane	9.234	63	7869	4.848	ug/l	91
46) Dibromomethane	9.325	93	4532	4.945	ug/l	97
47) Bromodichloromethane	9.514	83	11849	4.952	ug/l	93
48) Methyl methacrylate	9.307	41	4181	4.432	ug/l #	80
49) 1,4-Dioxane	9.319	88	353	41.833	ug/l #	31
51) 4-Methyl-2-Pentanone	10.081	43	20604	23.090	ug/l	92
52) Toluene	10.258	92	19180	4.617	ug/l	94
53) t-1,3-Dichloropropene	10.478	75	10138	4.732	ug/l	97
54) cis-1,3-Dichloropropene	9.941	75	11885	4.681	ug/l #	89
55) 1,1,2-Trichloroethane	10.660	97	6595	5.209	ug/l	95
56) Ethyl methacrylate	10.526	69	4465	4.334	ug/l #	86
57) 1,3-Dichloropropane	10.807	76	10365	4.962	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	10395	33.209	ug/l	96
59) 2-Hexanone	10.849	43	15500	23.842	ug/l	92
60) Dibromochloromethane	10.996	129	7270	4.730	ug/l	93
61) 1,2-Dibromoethane	11.105	107	5842	5.124	ug/l	94
64) Tetrachloroethene	10.740	164	7531	4.840	ug/l	88
65) Chlorobenzene	11.532	112	21784	4.877	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.605	131	8329	4.813	ug/l	98
67) Ethyl Benzene	11.605	91	35170	4.407	ug/l	99
68) m/p-Xylenes	11.715	106	25769	8.519	ug/l	99
69) o-Xylene	12.044	106	11746	4.251	ug/l	95
70) Styrene	12.057	104	16379	4.105	ug/l	97
71) Bromoform	12.215	173	4347	4.850	ug/l #	100
73) Isopropylbenzene	12.343	105	31394	4.312	ug/l	100
74) N-amyl acetate	12.160	43	6012	4.564	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.593	83	7195	5.312	ug/l	97
76) 1,2,3-Trichloropropane	12.648	75	8475	9.260	ug/l #	100
77) Bromobenzene	12.624	156	8502	4.844	ug/l	97
78) n-propylbenzene	12.684	91	37858	4.386	ug/l	98
79) 2-Chlorotoluene	12.770	91	21804	4.716	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	24497	4.294	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.392	75	1945	4.876	ug/l	88
82) 4-Chlorotoluene	12.867	91	22379	4.681	ug/l	100
83) tert-Butylbenzene	13.087	119	22303	4.345	ug/l	98
84) 1,2,4-Trimethylbenzene	13.136	105	24000	4.197	ug/l	99
85) sec-Butylbenzene	13.264	105	32217	4.352	ug/l	100
86) p-Isopropyltoluene	13.386	119	26996	4.171	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	16597	4.778	ug/l	97
88) 1,4-Dichlorobenzene	13.459	146	16542	4.971	ug/l	95
89) n-Butylbenzene	13.709	91	26119	4.415	ug/l	92
90) Hexachloroethane	13.977	117	6267	4.859	ug/l	93
91) 1,2-Dichlorobenzene	13.751	146	13417	4.702	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	1034	5.822	ug/l	87
93) 1,2,4-Trichlorobenzene	15.026	180	8206	4.811	ug/l	98
94) Hexachlorobutadiene	15.129	225	5278	4.895	ug/l	97
95) Naphthalene	15.251	128	12343	4.520	ug/l	98
96) 1,2,3-Trichlorobenzene	15.440	180	6973	4.833	ug/l	97

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Sample : VSTDIC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

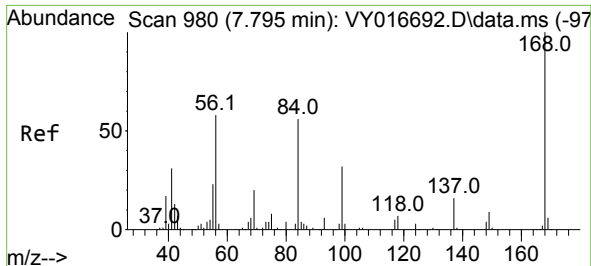
Quant Time: Dec 20 05:24:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121923S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 20 05:23:33 2023
Response via : Initial Calibration

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

Quant Time: Dec 20 05:24:58 2023
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Quant Title : SW846 8260
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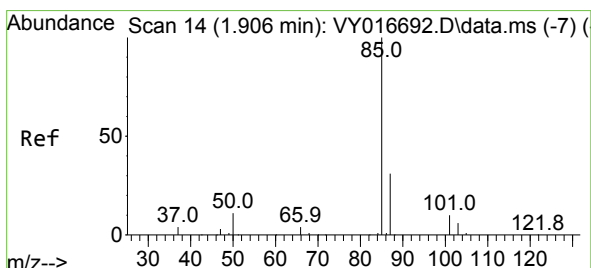
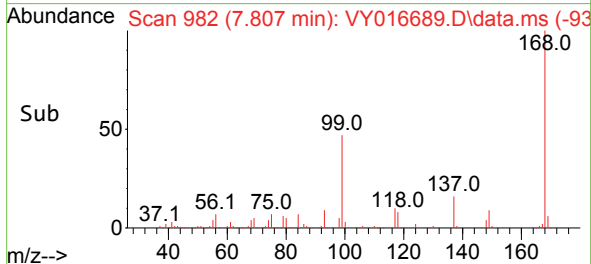
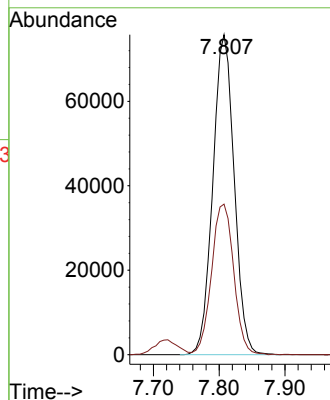
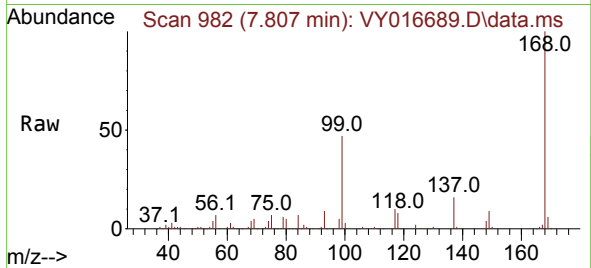




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016689.D
Acq: 19 Dec 2023 10:56

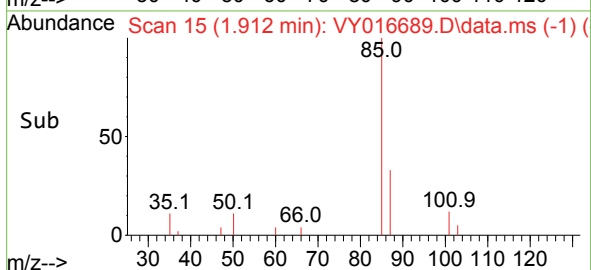
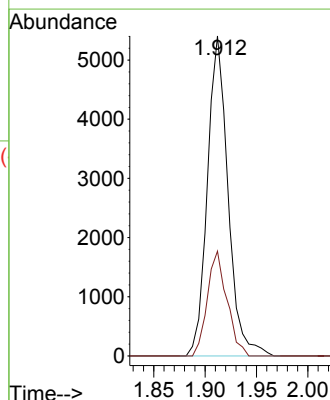
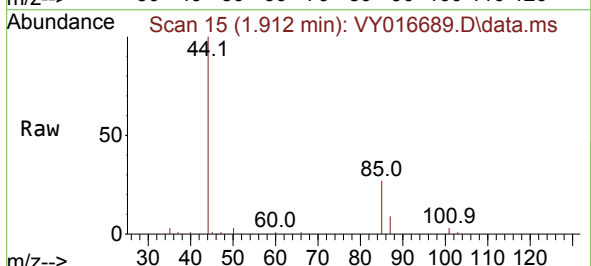
Instrument :
MSVOA_Y
ClientSampleId :

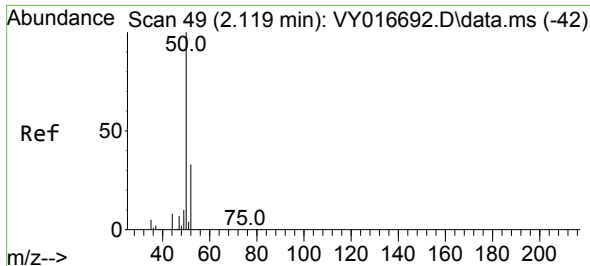
Tgt Ion:168 Resp: 171153
Ion Ratio Lower Upper
168 100
99 47.0 40.2 60.4



#2
Dichlorodifluoromethane
Concen: 2.743 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY016689.D
Acq: 19 Dec 2023 10:56

Tgt Ion: 85 Resp: 7562
Ion Ratio Lower Upper
85 100
87 32.8 15.6 46.8

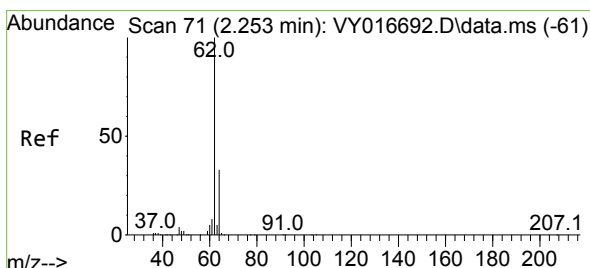
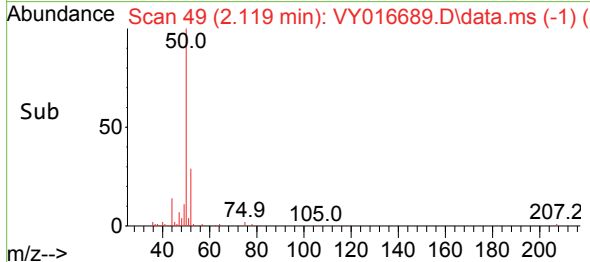
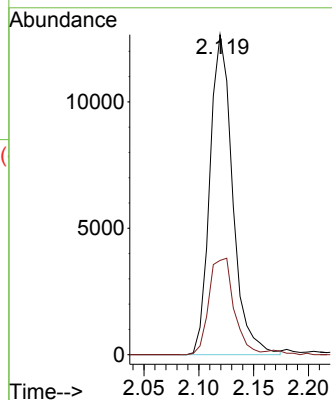
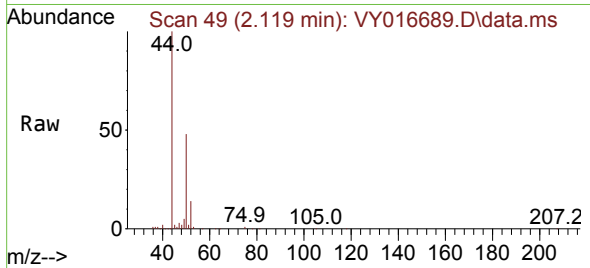




#3
Chloromethane
Concen: 2.700 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY016689.D
Acq: 19 Dec 2023 10:56

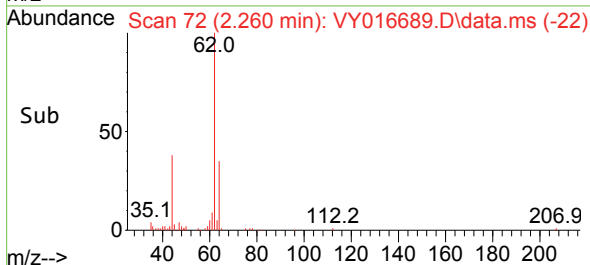
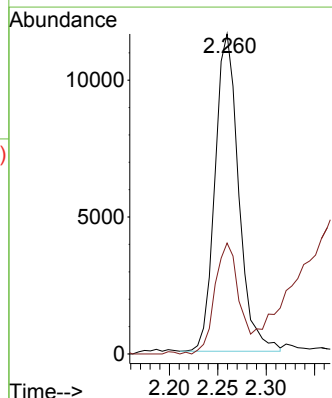
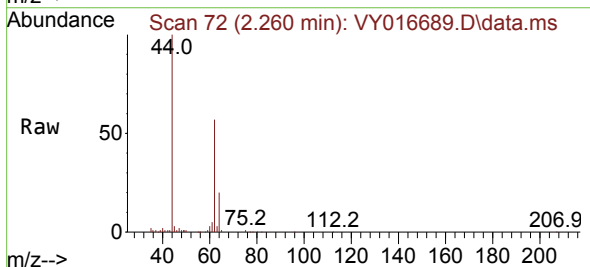
Instrument :
MSVOA_Y
ClientSampleId :

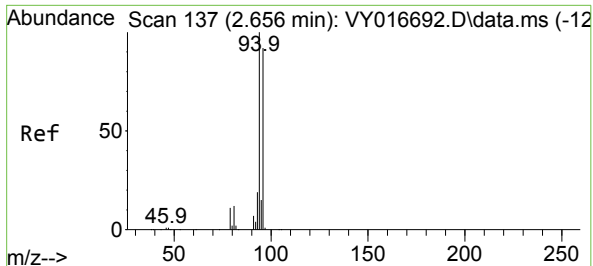
Tgt Ion: 50 Resp: 18305
Ion Ratio Lower Upper
50 100
52 29.4 26.6 40.0



#4
Vinyl Chloride
Concen: 5.964 ug/l
RT: 2.260 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY016689.D
Acq: 19 Dec 2023 10:56

Tgt Ion: 62 Resp: 19715
Ion Ratio Lower Upper
62 100
64 34.9 25.4 38.2





#5

Bromomethane

Concen: 5.647 ug/l

RT: 2.662 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016689.D

Acq: 19 Dec 2023 10:56

Instrument :

MSVOA_Y

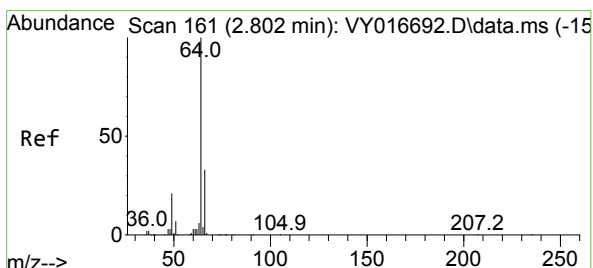
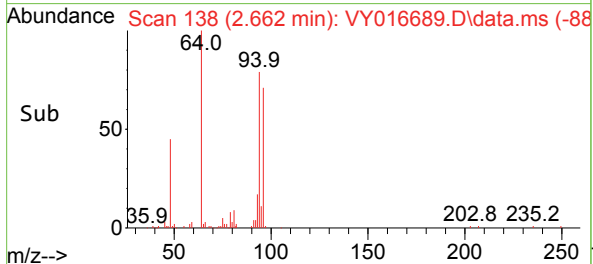
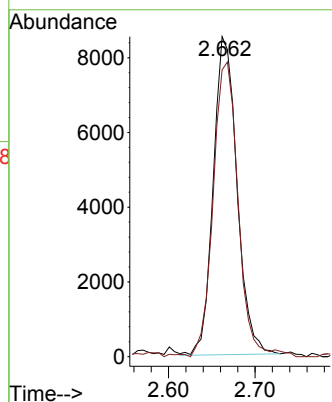
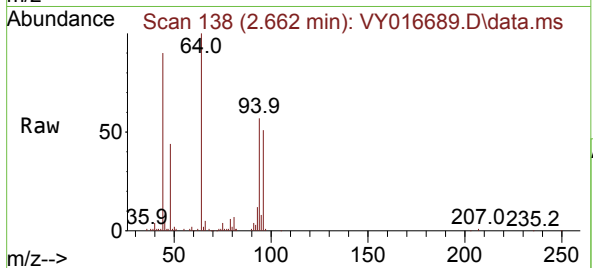
ClientSampleId :

Tgt Ion: 94 Resp: 16197

Ion Ratio Lower Upper

94 100

96 89.8 74.0 111.0



#6

Chloroethane

Concen: 5.681 ug/l

RT: 2.808 min Scan# 162

Delta R.T. 0.006 min

Lab File: VY016689.D

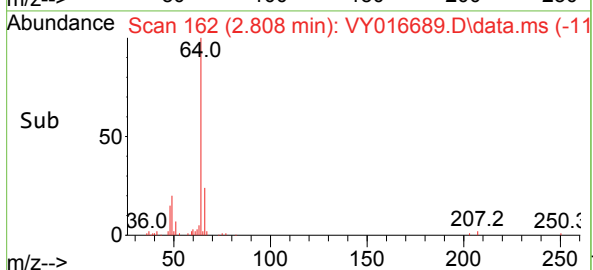
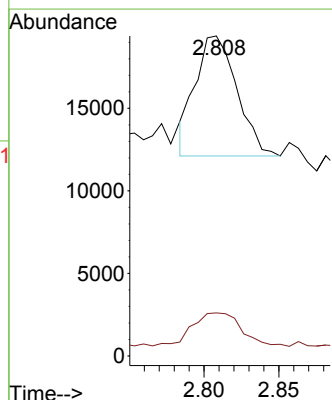
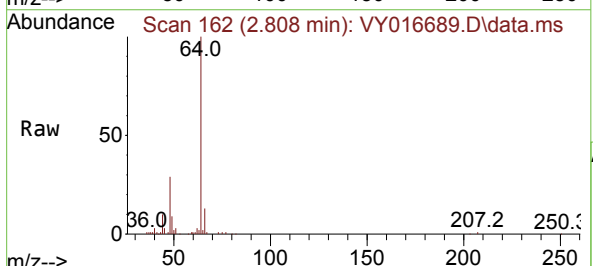
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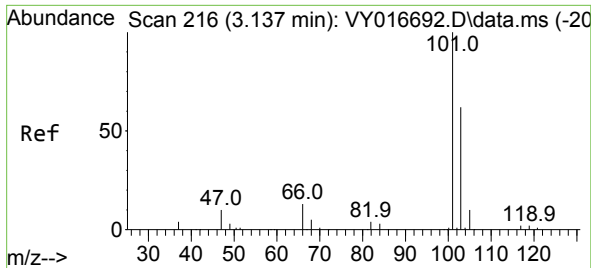
Tgt Ion: 64 Resp: 14055

Ion Ratio Lower Upper

64 100

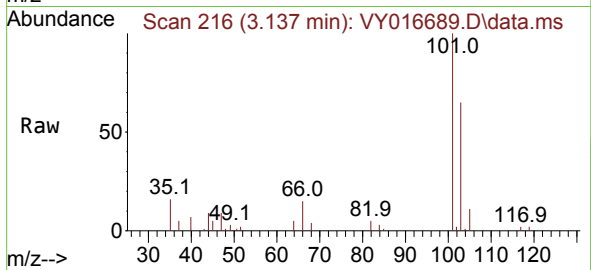
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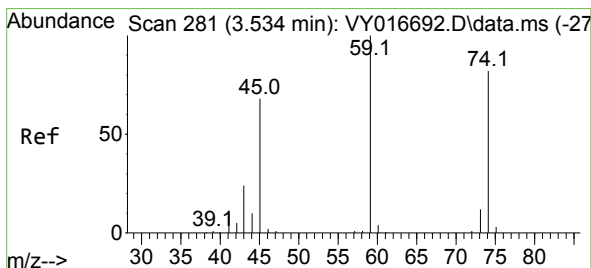
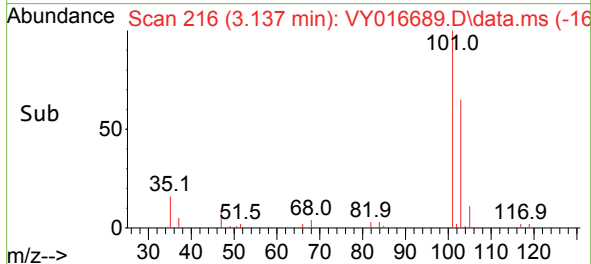
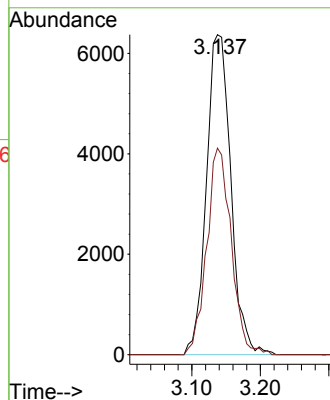


#7
 Trichlorofluoromethane
 Concen: 5.455 ug/l
 RT: 3.137 min Scan# 216
 Delta R.T. 0.000 min
 Lab File: VY016689.D
 Acq: 19 Dec 2023 10:56

Instrument :
 MSVOA_Y
 ClientSampleId :

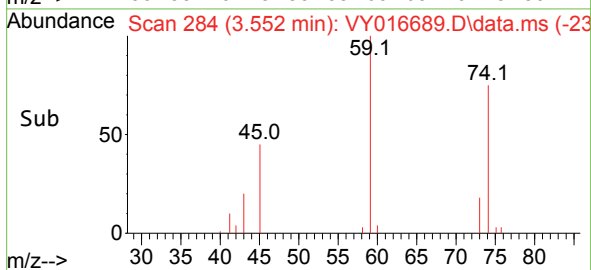
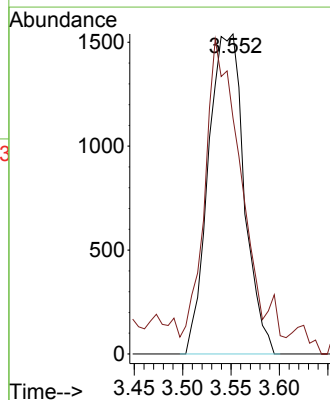
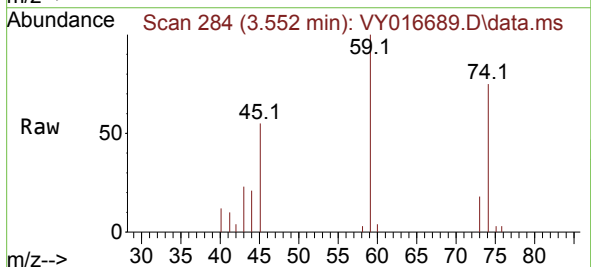


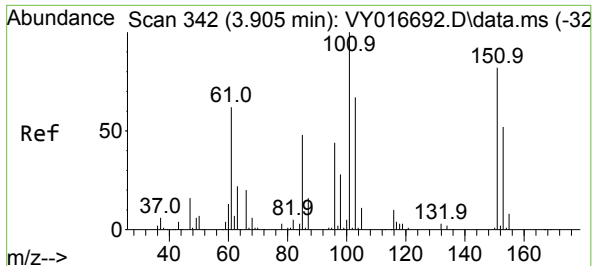
Tgt Ion:101 Resp: 15805
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.7 77.5



#8
 Diethyl Ether
 Concen: 5.125 ug/l
 RT: 3.552 min Scan# 284
 Delta R.T. 0.018 min
 Lab File: VY016689.D
 Acq: 19 Dec 2023 10:56

Tgt Ion: 74 Resp: 3975
 Ion Ratio Lower Upper
 74 100
 45 92.1 44.3 132.9

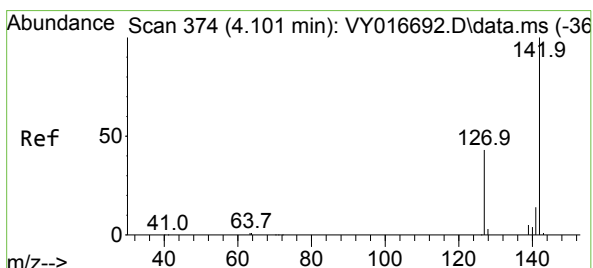
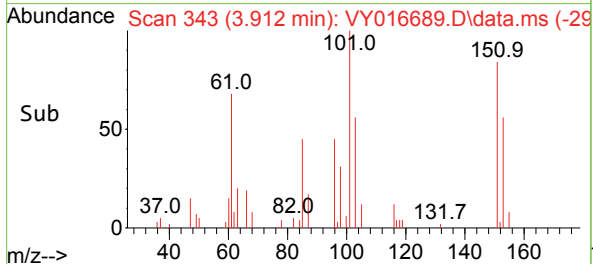
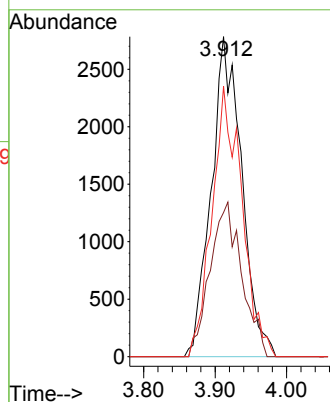
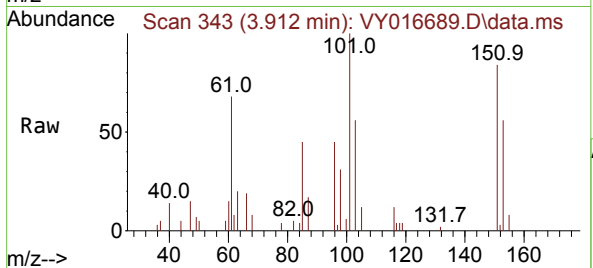




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.242 ug/l
RT: 3.912 min Scan# 342
Delta R.T. 0.006 min
Lab File: VY016689.D
Acq: 19 Dec 2023 10:56

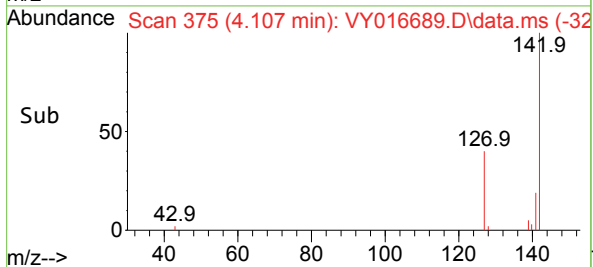
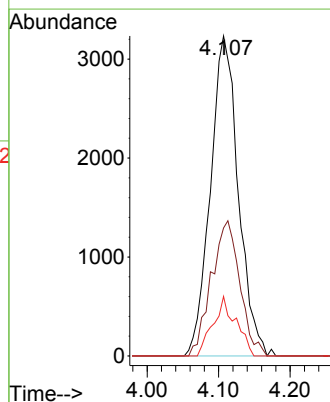
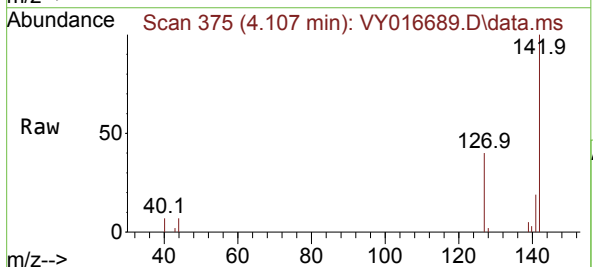
Instrument :
MSVOA_Y
ClientSampleId :

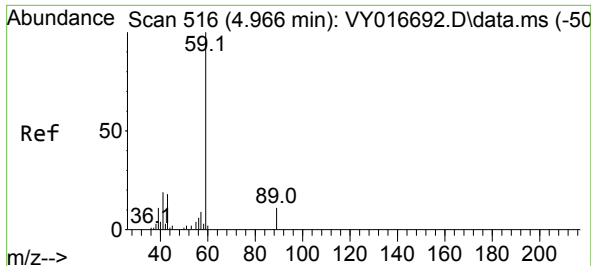
Tgt Ion:101 Resp: 8240
Ion Ratio Lower Upper
101 100
85 50.3 35.0 52.4
151 82.7 61.0 91.4



#10
Methyl Iodide
Concen: 4.916 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY016689.D
Acq: 19 Dec 2023 10:56

Tgt Ion:142 Resp: 8776
Ion Ratio Lower Upper
142 100
127 43.1 33.6 50.4
141 15.2 12.0 18.0





#11

Tert butyl alcohol

Concen: 30.304 ug/l

RT: 4.979 min Scan# 516

Delta R.T. 0.013 min

Lab File: VY016689.D

Acq: 19 Dec 2023 10:56

Instrument :

MSVOA_Y

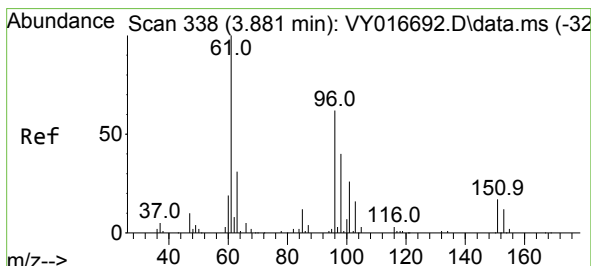
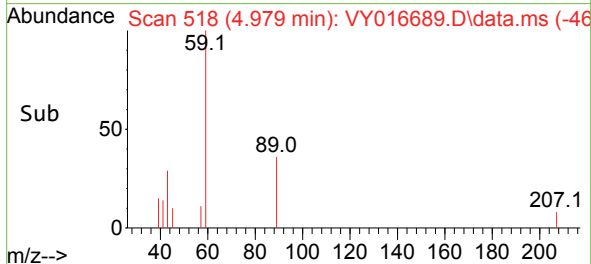
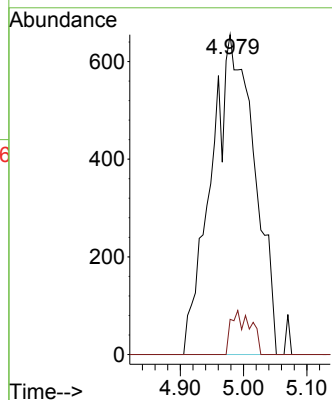
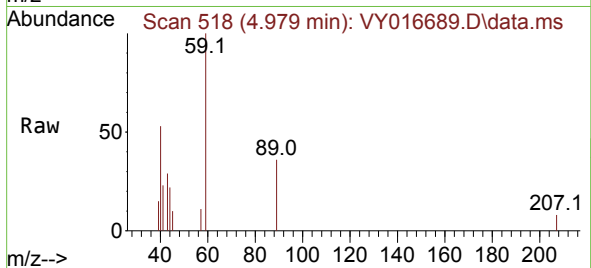
ClientSampleId :

Tgt Ion: 59 Resp: 3124

Ion Ratio Lower Upper

59 100

57 6.2 7.9 11.9#



#12

1,1-Dichloroethene

Concen: 5.230 ug/l

RT: 3.887 min Scan# 339

Delta R.T. 0.006 min

Lab File: VY016689.D

Acq: 19 Dec 2023 10:56

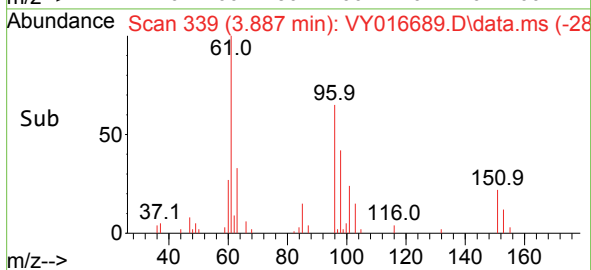
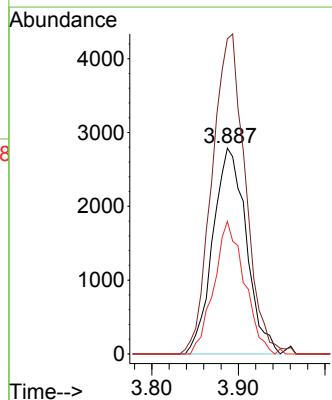
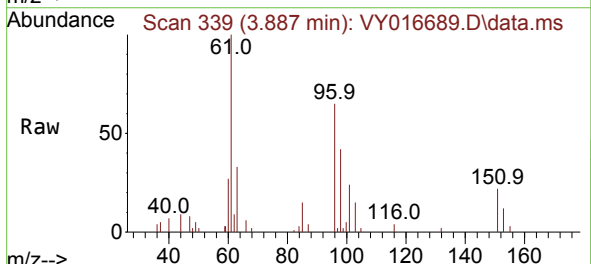
Tgt Ion: 96 Resp: 7457

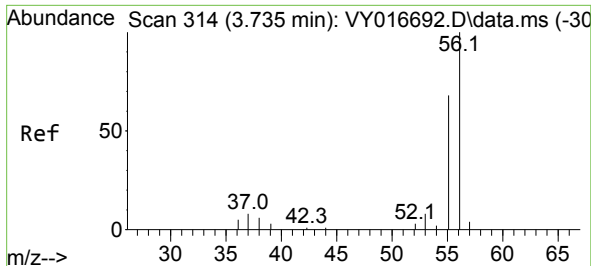
Ion Ratio Lower Upper

96 100

61 153.0 123.9 185.9

98 64.4 50.1 75.1





#13

Acrolein

Concen: 14.083 ug/l

RT: 3.747 min Scan# 314

Delta R.T. 0.012 min

Lab File: VY016689.D

Acq: 19 Dec 2023 10:56

Instrument :

MSVOA_Y

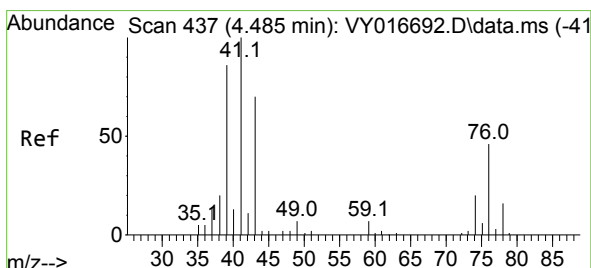
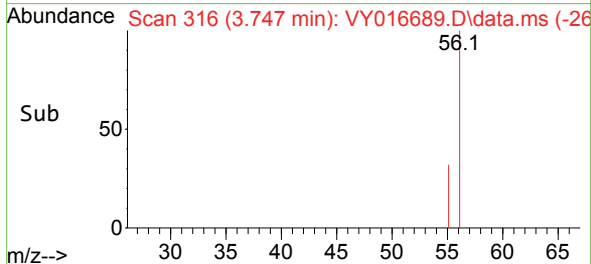
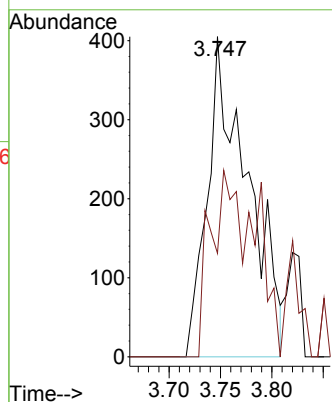
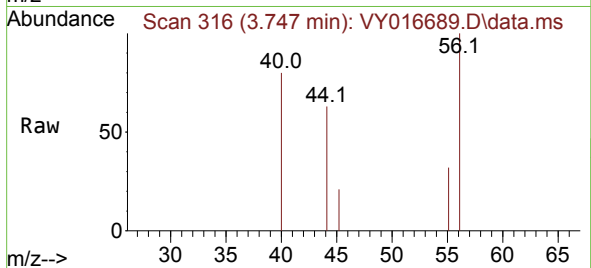
ClientSampleId :

Tgt Ion: 56 Resp: 1098

Ion Ratio Lower Upper

56 100

55 41.2 56.5 84.7#



#14

Allyl chloride

Concen: 5.195 ug/l

RT: 4.503 min Scan# 440

Delta R.T. 0.018 min

Lab File: VY016689.D

Acq: 19 Dec 2023 10:56

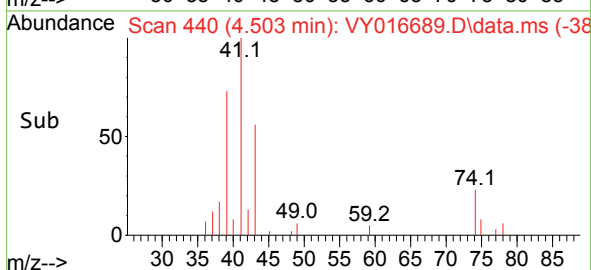
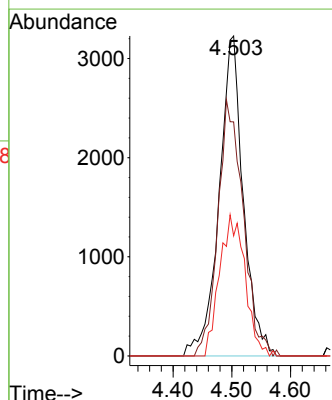
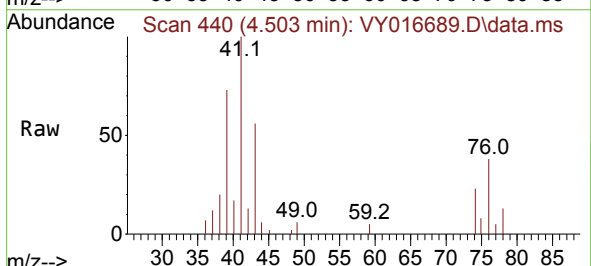
Tgt Ion: 41 Resp: 9247

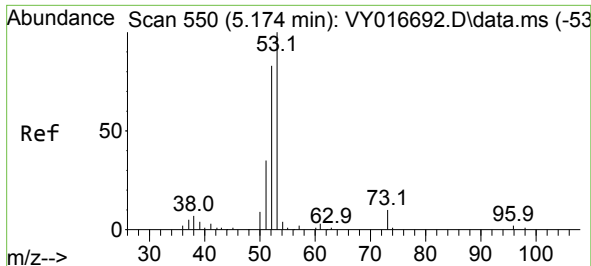
Ion Ratio Lower Upper

41 100

39 83.4 56.4 84.6

76 46.5 34.3 51.5

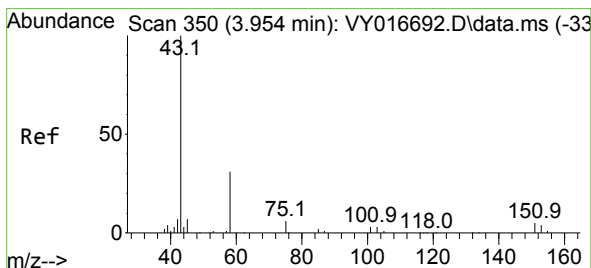
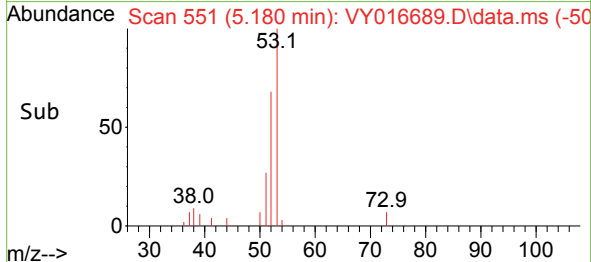
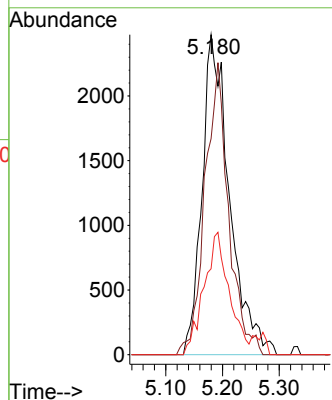
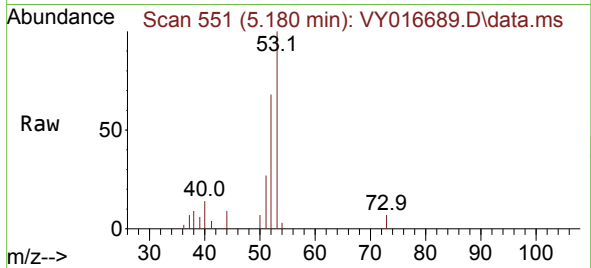




#15
Acrylonitrile
Concen: 26.957 ug/l
RT: 5.180 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016689.D
Acq: 19 Dec 2023 10:56

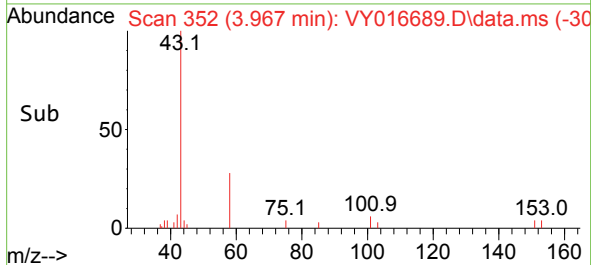
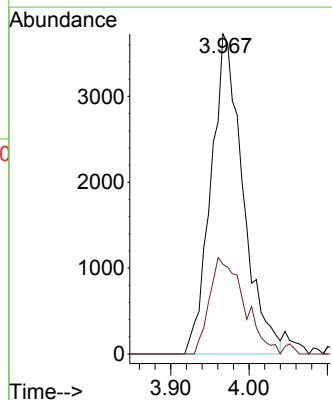
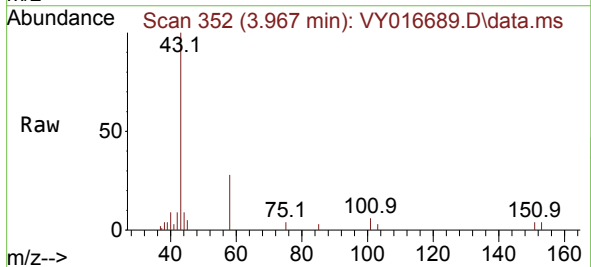
Instrument :
MSVOA_Y
ClientSampleId :

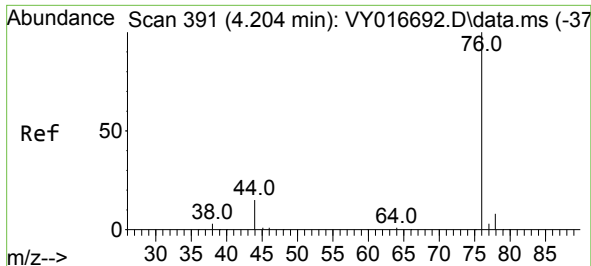
Tgt Ion: 53 Resp: 8370
Ion Ratio Lower Upper
53 100
52 78.3 64.3 96.5
51 35.0 28.3 42.5



#16
Acetone
Concen: 30.067 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.013 min
Lab File: VY016689.D
Acq: 19 Dec 2023 10:56

Tgt Ion: 43 Resp: 10569
Ion Ratio Lower Upper
43 100
58 28.1 29.0 43.4#





#17

Carbon Disulfide

Concen: 5.200 ug/l

RT: 4.216 min Scan# 393

Delta R.T. 0.012 min

Lab File: VY016689.D

Acq: 19 Dec 2023 10:56

Instrument :

MSVOA_Y

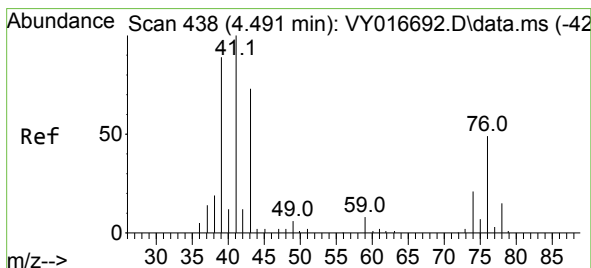
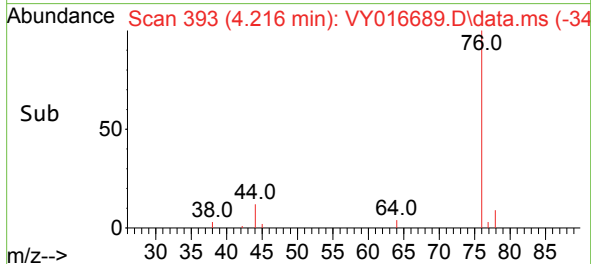
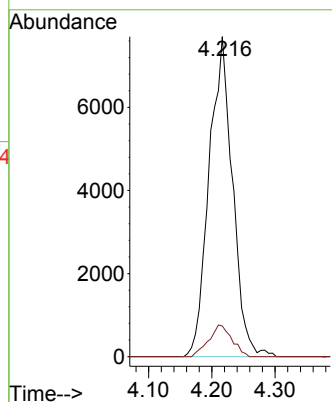
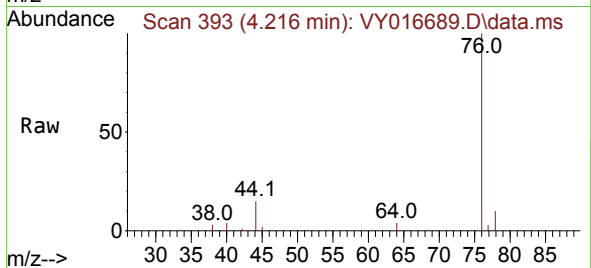
ClientSampleId :

Tgt Ion: 76 Resp: 19840

Ion Ratio Lower Upper

76 100

78 9.6 7.3 10.9



#18

Methyl Acetate

Concen: 5.154 ug/l

RT: 4.497 min Scan# 439

Delta R.T. 0.006 min

Lab File: VY016689.D

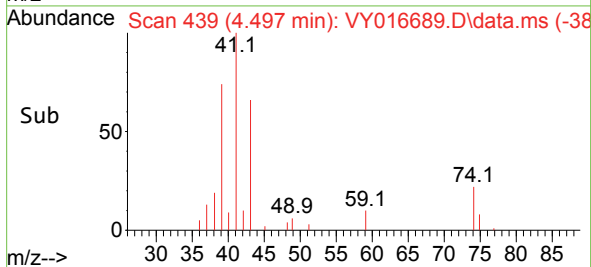
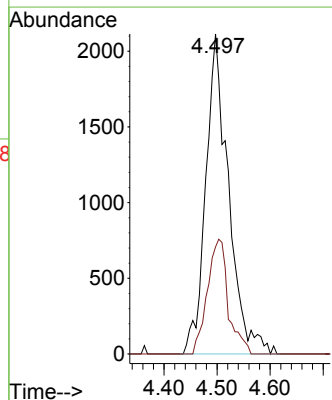
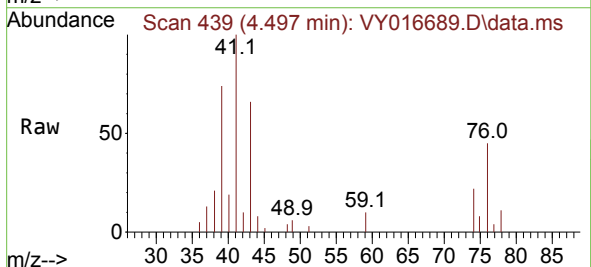
Acq: 19 Dec 2023 10:56

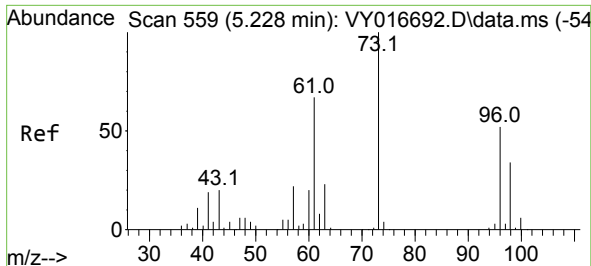
Tgt Ion: 43 Resp: 6322

Ion Ratio Lower Upper

43 100

74 32.7 22.1 33.1

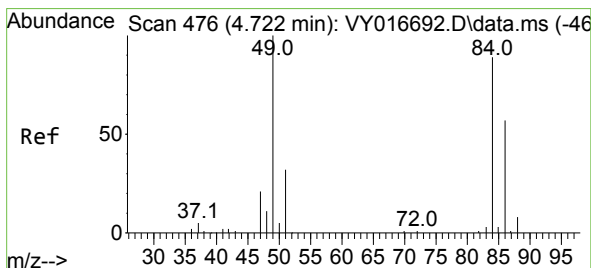
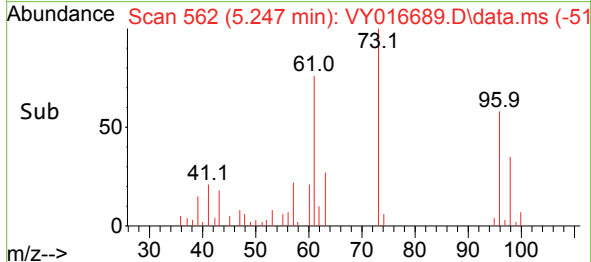
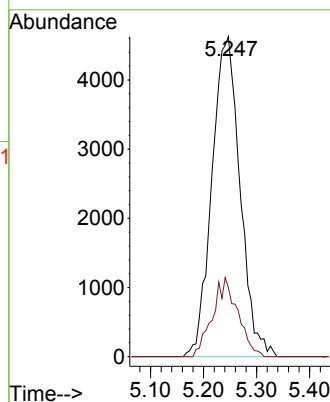
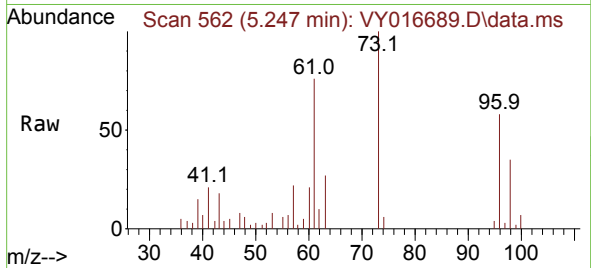




#19
Methyl tert-butyl Ether
Concen: 4.947 ug/l
RT: 5.247 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY016689.D
Acq: 19 Dec 2023 10:56

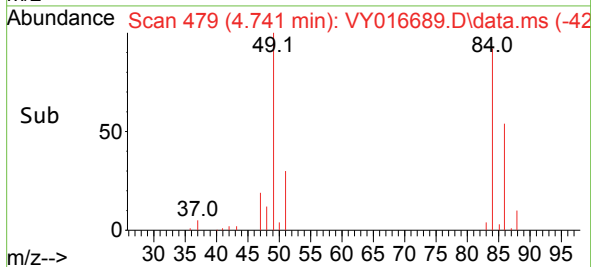
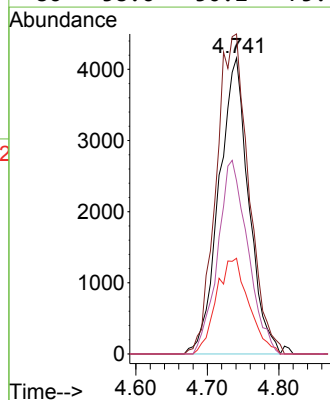
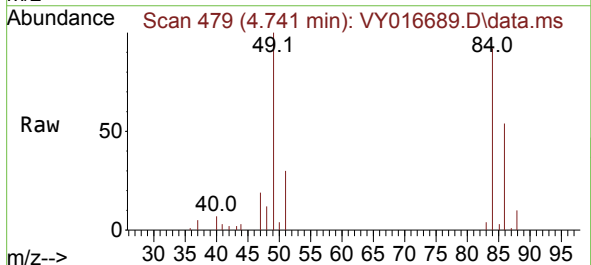
Instrument :
MSVOA_Y
ClientSampleId :

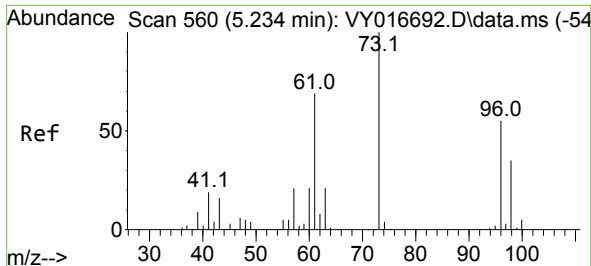
Tgt Ion: 73 Resp: 17039
Ion Ratio Lower Upper
73 100
57 21.6 17.9 26.9



#20
Methylene Chloride
Concen: 2.938 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.019 min
Lab File: VY016689.D
Acq: 19 Dec 2023 10:56

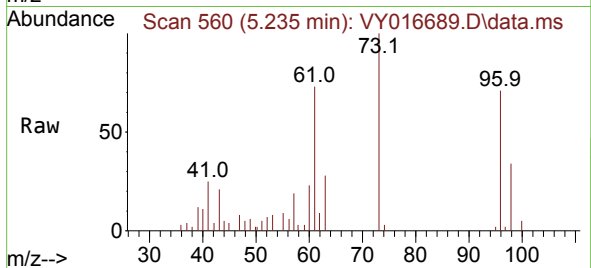
Tgt Ion: 84 Resp: 12014
Ion Ratio Lower Upper
84 100
49 108.2 83.8 125.8
51 32.3 27.2 40.8
86 58.6 50.2 75.4



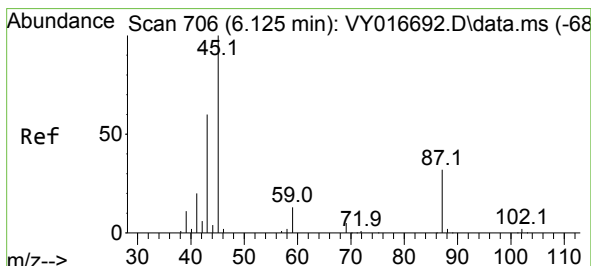
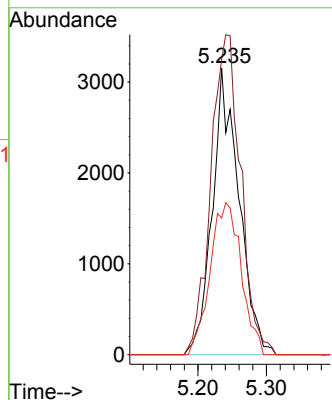
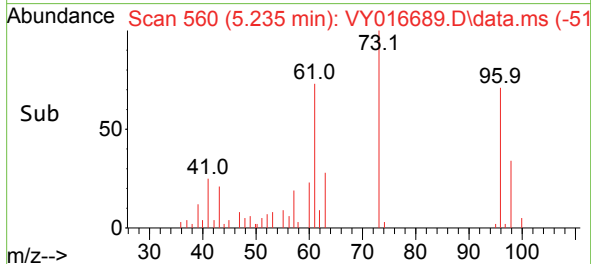


#21
trans-1,2-Dichloroethene
Concen: 5.266 ug/l
RT: 5.235 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY016689.D
Acq: 19 Dec 2023 10:56

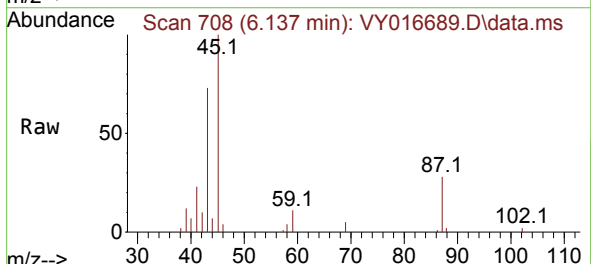
Instrument :
MSVOA_Y
ClientSampleId :



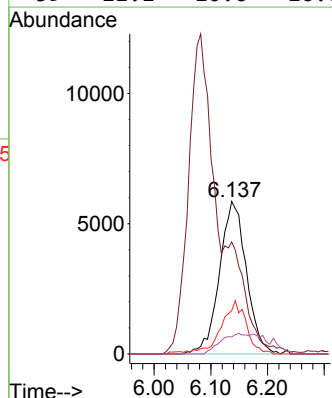
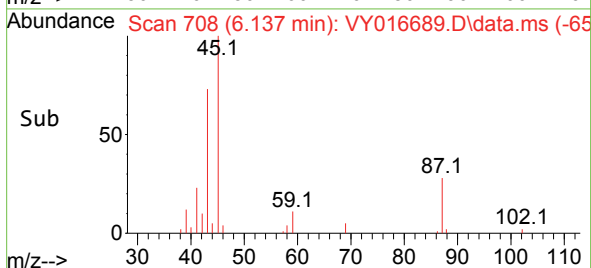
Tgt Ion: 96 Resp: 8491
Ion Ratio Lower Upper
96 100
61 102.9 100.0 150.0
98 47.7 52.2 78.2#

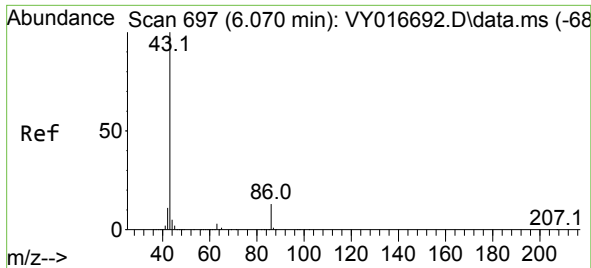


#22
Diisopropyl ether
Concen: 4.735 ug/l
RT: 6.137 min Scan# 708
Delta R.T. 0.012 min
Lab File: VY016689.D
Acq: 19 Dec 2023 10:56



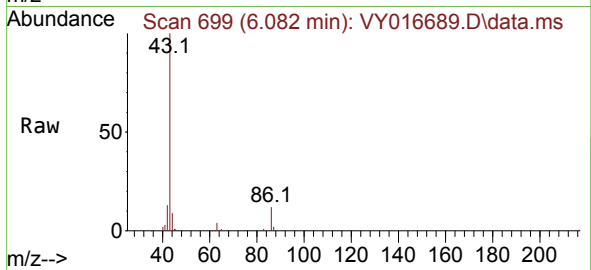
Tgt Ion: 45 Resp: 19292
Ion Ratio Lower Upper
45 100
43 69.1 42.4 63.6#
87 28.5 25.0 37.4
59 11.1 10.6 16.0



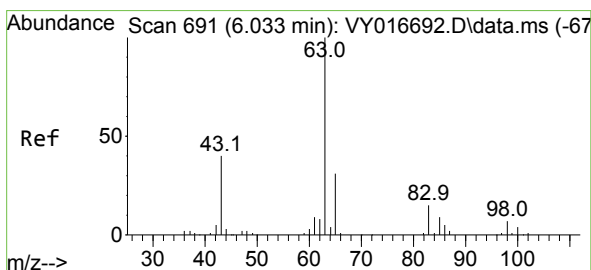
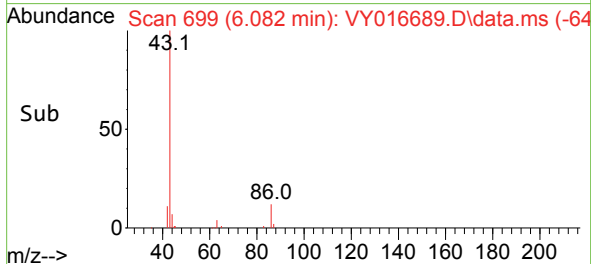
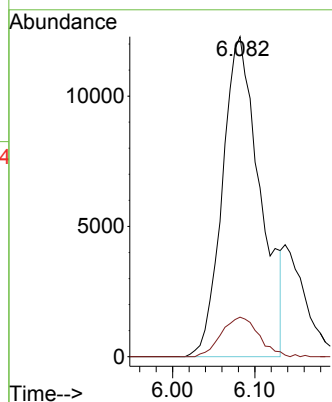


#23
 Vinyl Acetate
 Concen: 19.613 ug/l
 RT: 6.082 min Scan# 699
 Delta R.T. 0.012 min
 Lab File: VY016689.D
 Acq: 19 Dec 2023 10:56

Instrument :
 MSVOA_Y
 ClientSampleId :

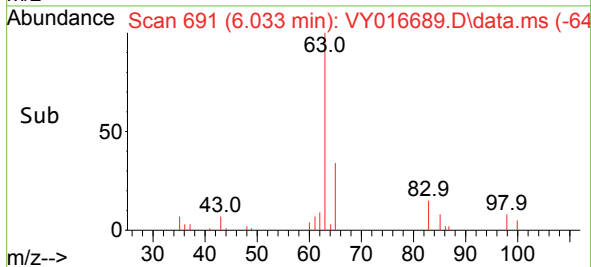
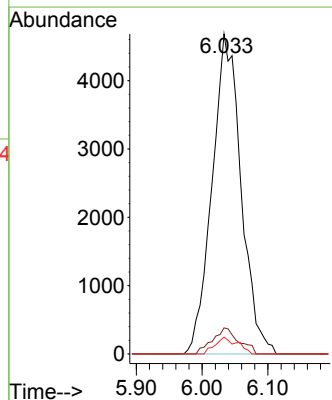
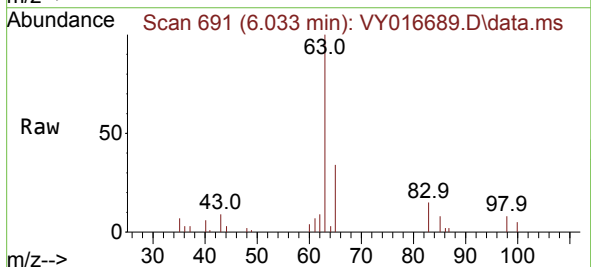


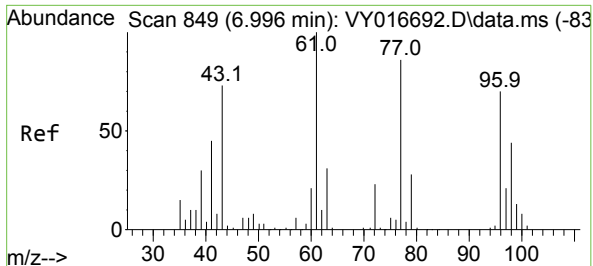
Tgt Ion: 43 Resp: 39077
 Ion Ratio Lower Upper
 43 100
 86 12.4 10.3 15.5



#24
 1,1-Dichloroethane
 Concen: 5.123 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. 0.000 min
 Lab File: VY016689.D
 Acq: 19 Dec 2023 10:56

Tgt Ion: 63 Resp: 14376
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.8 11.2
 100 5.3 2.5 7.5





#25

2-Butanone

Concen: 12.050 ug/l

RT: 7.009 min Scan# 851

Delta R.T. 0.013 min

Lab File: VY016689.D

Acq: 19 Dec 2023 10:56

Instrument :

MSVOA_Y

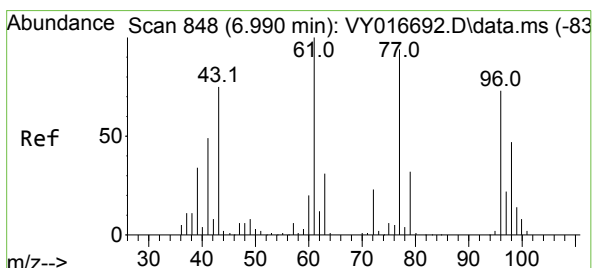
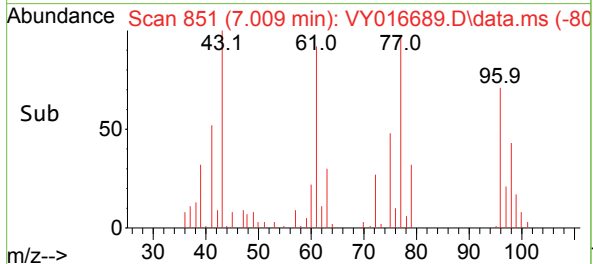
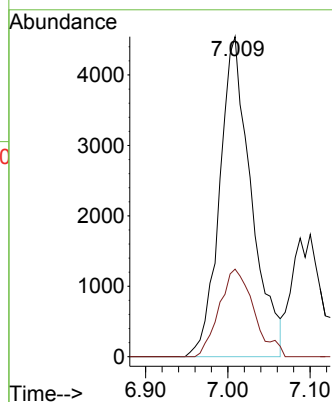
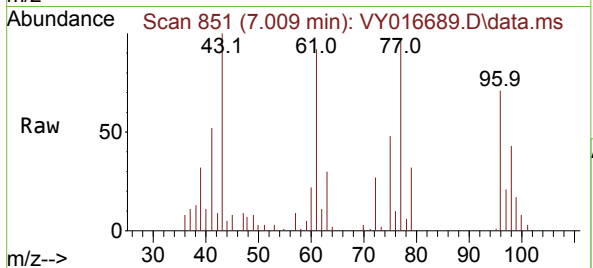
ClientSampleId :

Tgt Ion: 43 Resp: 12175

Ion Ratio Lower Upper

43 100

72 27.8 26.3 39.5



#26

2,2-Dichloropropane

Concen: 5.224 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY016689.D

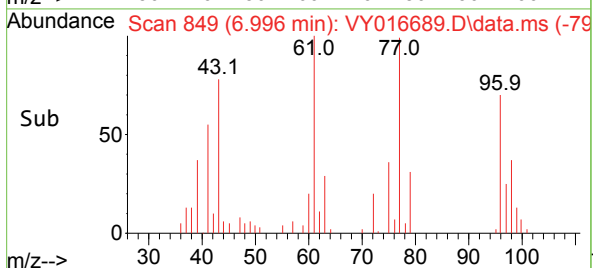
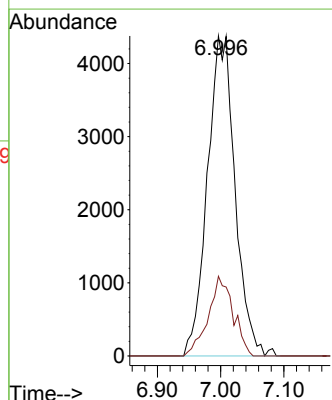
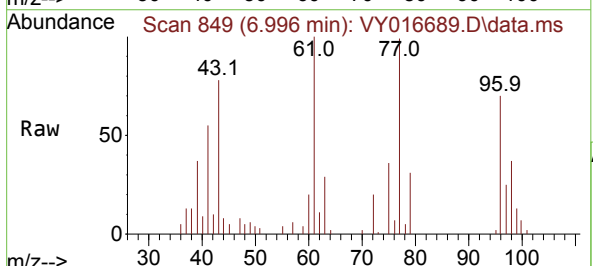
Acq: 19 Dec 2023 10:56

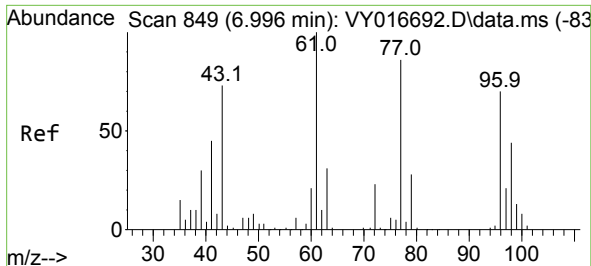
Tgt Ion: 77 Resp: 13311

Ion Ratio Lower Upper

77 100

97 22.4 12.4 37.2

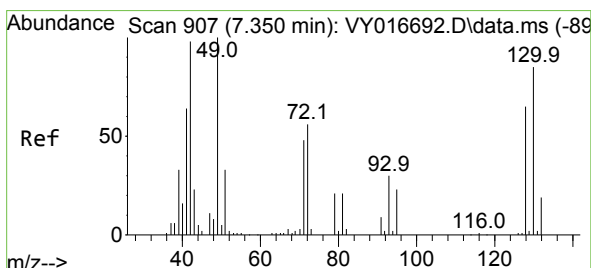
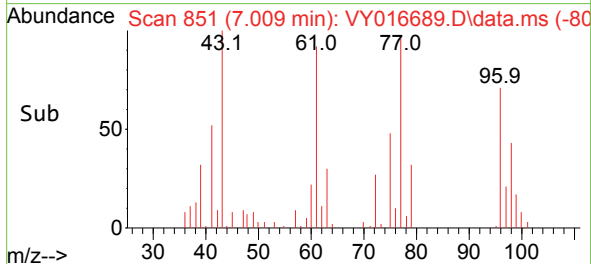
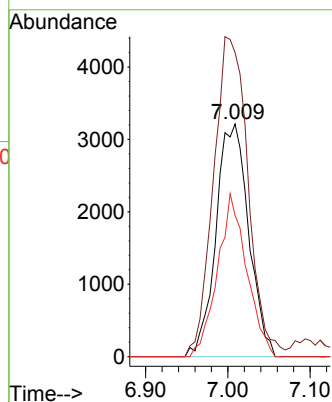
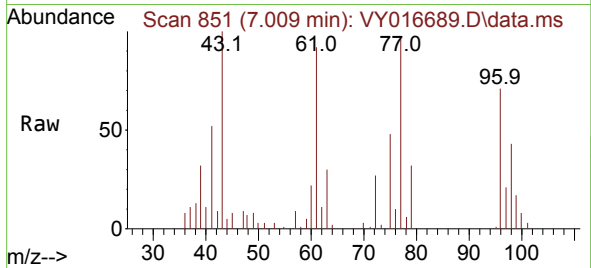




#27
 cis-1,2-Dichloroethene
 Concen: 4.877 ug/l
 RT: 7.009 min Scan# 849
 Delta R.T. 0.012 min
 Lab File: VY016689.D
 Acq: 19 Dec 2023 10:56

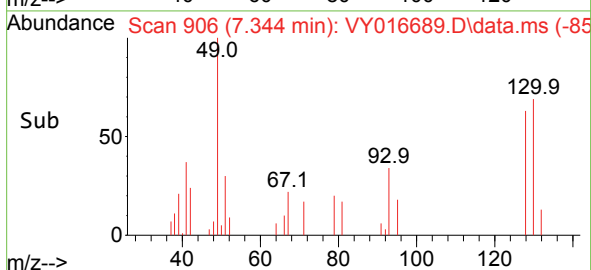
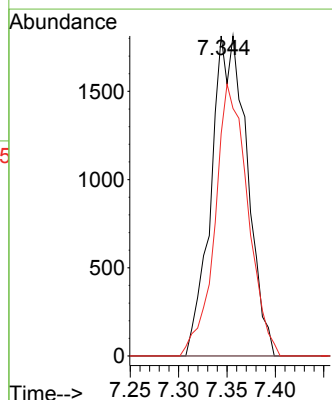
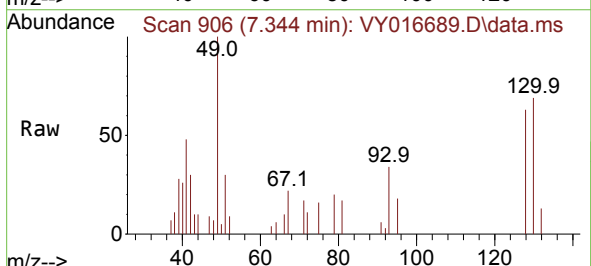
Instrument :
 MSVOA_Y
 ClientSampleId :

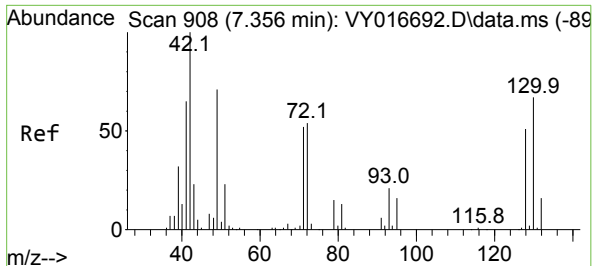
Tgt Ion: 96 Resp: 8888
 Ion Ratio Lower Upper
 96 100
 61 145.2 0.0 255.8
 98 62.6 0.0 129.2



#28
 Bromochloromethane
 Concen: 4.613 ug/l
 RT: 7.344 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY016689.D
 Acq: 19 Dec 2023 10:56

Tgt Ion: 49 Resp: 4700
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 5.2
 130 77.7 75.9 113.9





#29

Tetrahydrofuran

Concen: 23.914 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.012 min

Lab File: VY016689.D

Acq: 19 Dec 2023 10:56

Instrument :

MSVOA_Y

ClientSampleId :

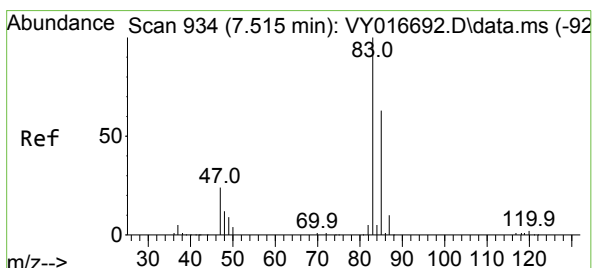
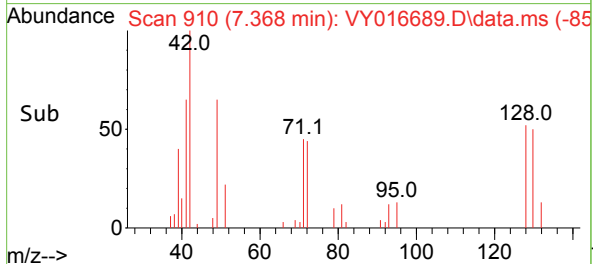
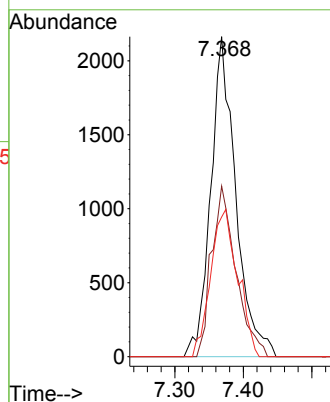
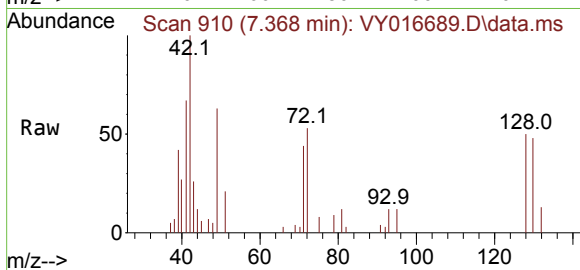
Tgt Ion: 42 Resp: 5481

Ion Ratio Lower Upper

42 100

72 52.0 40.3 60.5

71 49.7 38.9 58.3



#30

Chloroform

Concen: 5.213 ug/l

RT: 7.527 min Scan# 936

Delta R.T. 0.012 min

Lab File: VY016689.D

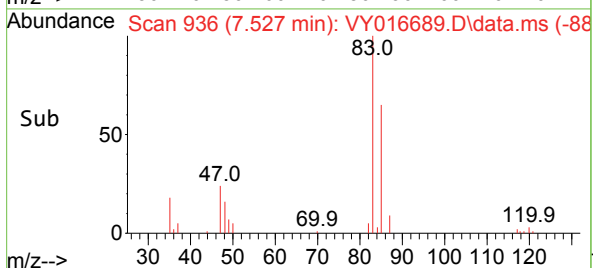
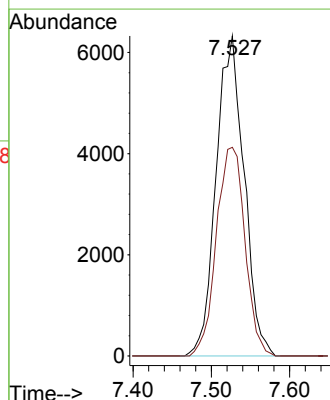
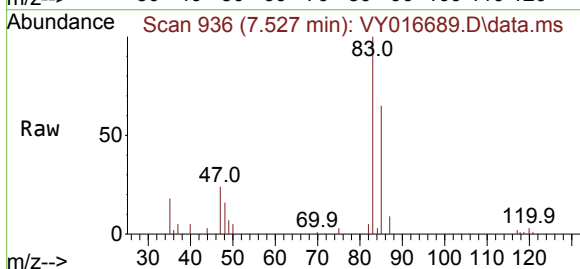
Acq: 19 Dec 2023 10:56

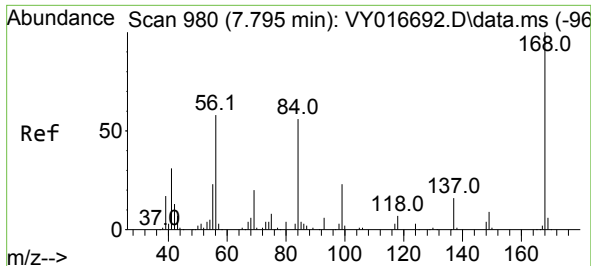
Tgt Ion: 83 Resp: 15694

Ion Ratio Lower Upper

83 100

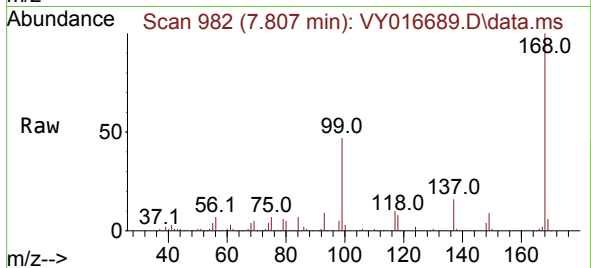
85 65.2 52.6 78.8



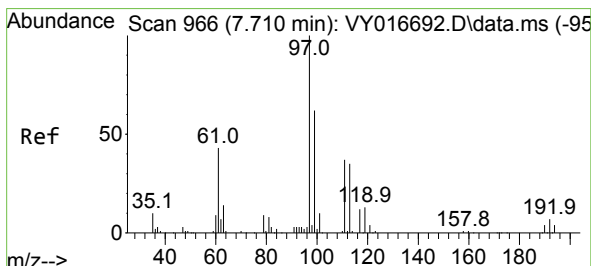
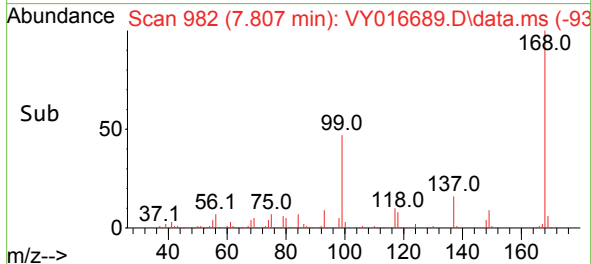
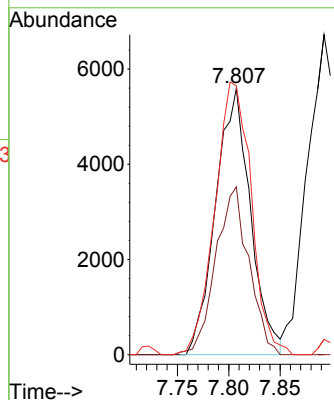


#31
Cyclohexane
Concen: 5.685 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016689.D
Acq: 19 Dec 2023 10:56

Instrument :
MSVOA_Y
ClientSampleId :

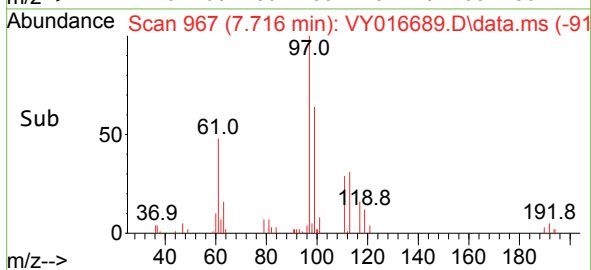
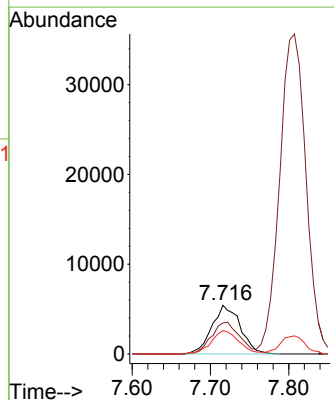
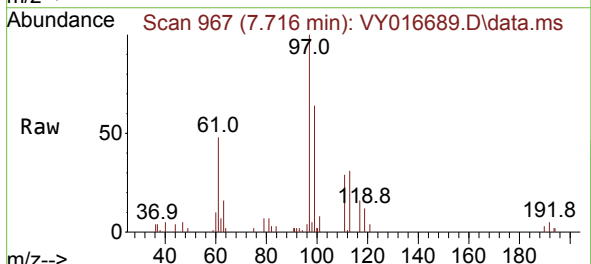


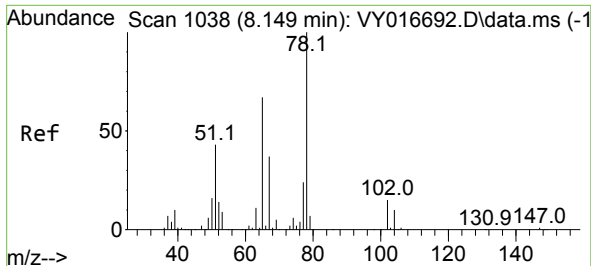
Tgt Ion: 56 Resp: 13174
Ion Ratio Lower Upper
56 100
69 63.0 27.5 41.3#
84 100.0 78.1 117.1



#32
1,1,1-Trichloroethane
Concen: 5.103 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY016689.D
Acq: 19 Dec 2023 10:56

Tgt Ion: 97 Resp: 13640
Ion Ratio Lower Upper
97 100
99 65.5 51.4 77.0
61 47.1 31.6 47.4

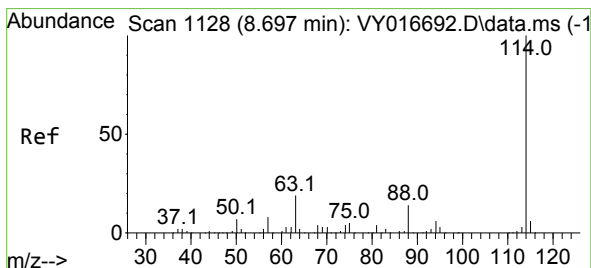
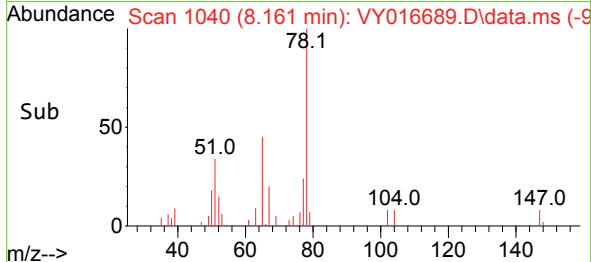
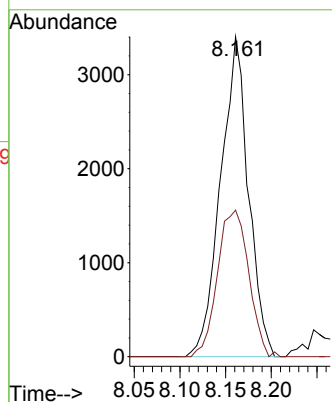
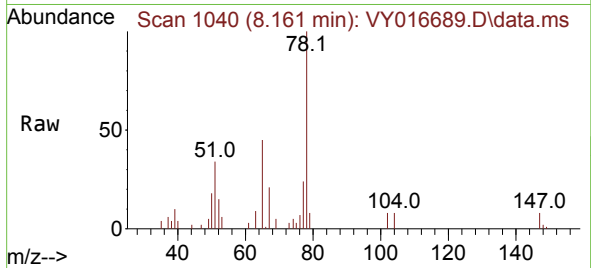




#33
 1,2-Dichloroethane-d4
 Concen: 5.097 ug/l
 RT: 8.161 min Scan# 110
 Delta R.T. 0.012 min
 Lab File: VY016689.D
 Acq: 19 Dec 2023 10:56

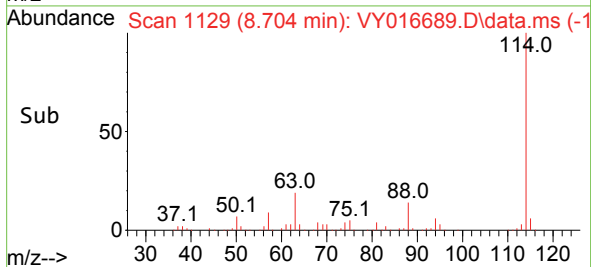
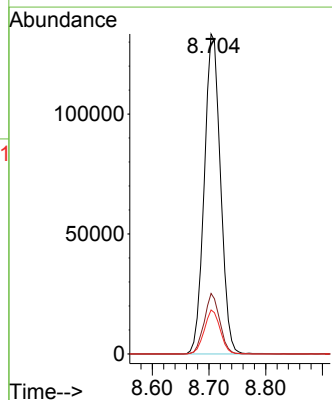
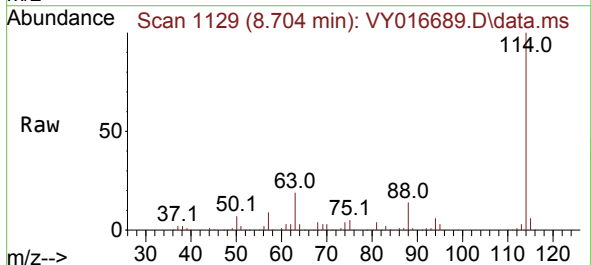
Instrument :
 MSVOA_Y
 ClientSampleId :

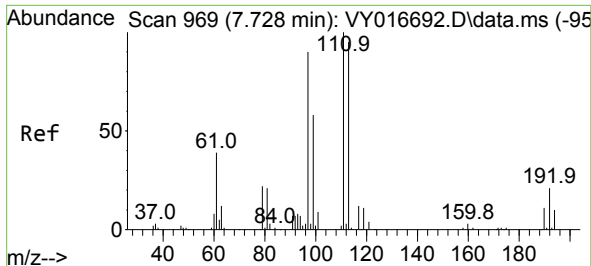
Tgt Ion: 65 Resp: 7215
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.704 min Scan# 1129
 Delta R.T. 0.006 min
 Lab File: VY016689.D
 Acq: 19 Dec 2023 10:56

Tgt Ion:114 Resp: 265278
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 34.0
 88 13.8 0.0 29.2

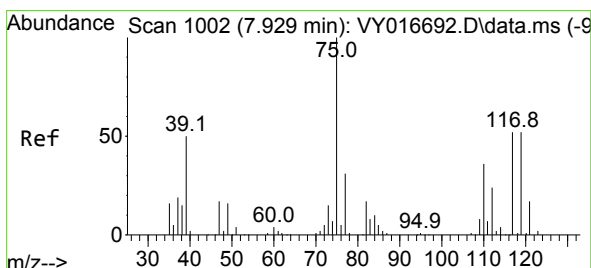
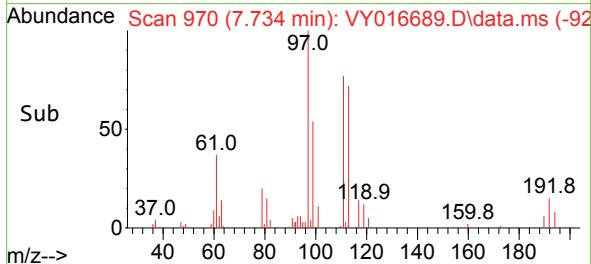
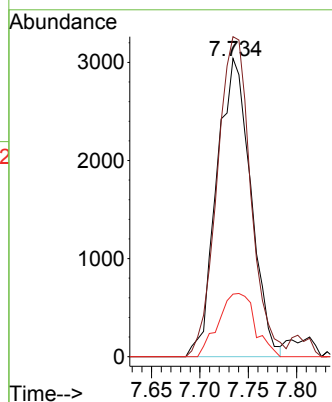
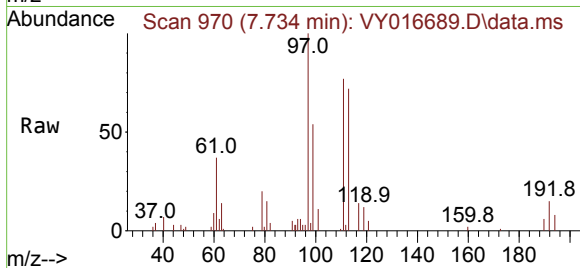




#35
Dibromofluoromethane
Concen: 4.769 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016689.D
Acq: 19 Dec 2023 10:56

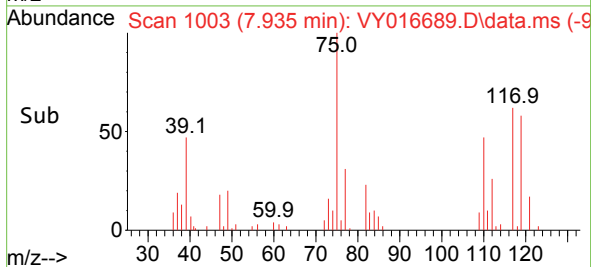
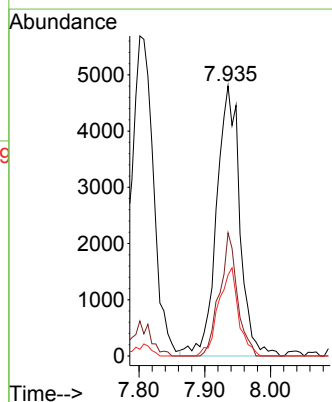
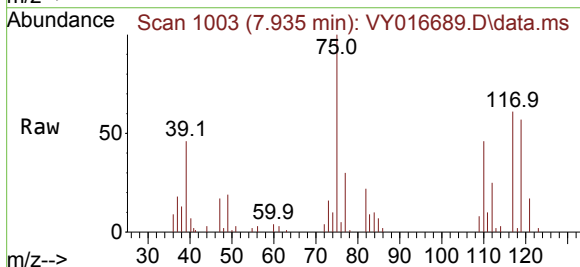
Instrument :
MSVOA_Y
ClientSampleId :

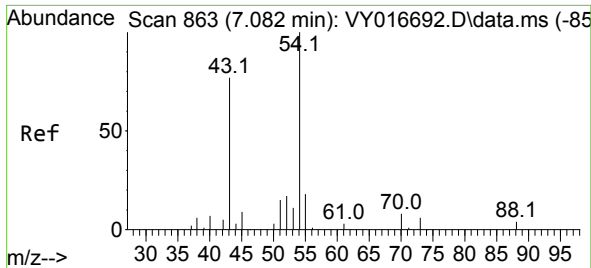
Tgt Ion:113 Resp: 7451
Ion Ratio Lower Upper
113 100
111 106.0 81.9 122.9
192 22.7 16.2 24.4



#36
1,1-Dichloropropene
Concen: 5.008 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY016689.D
Acq: 19 Dec 2023 10:56

Tgt Ion: 75 Resp: 11836
Ion Ratio Lower Upper
75 100
110 34.6 18.9 56.9
77 28.1 25.3 37.9





#37

Ethyl Acetate

Concen: 5.256 ug/l

RT: 7.100 min Scan# 8

Delta R.T. 0.018 min

Lab File: VY016689.D

Acq: 19 Dec 2023 10:56

Instrument :

MSVOA_Y

ClientSampleId :

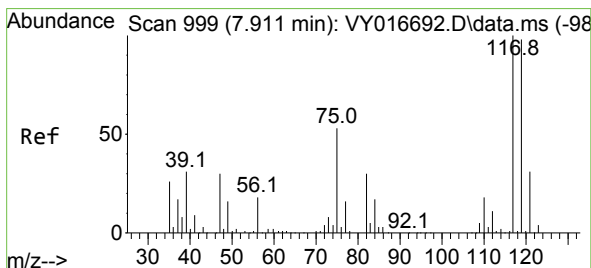
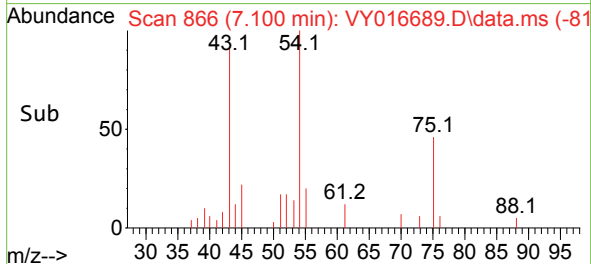
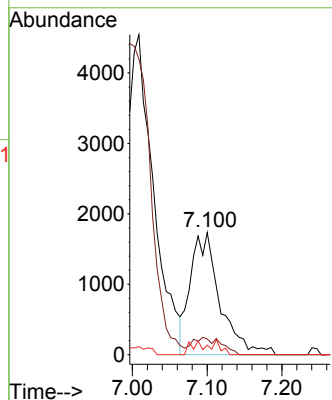
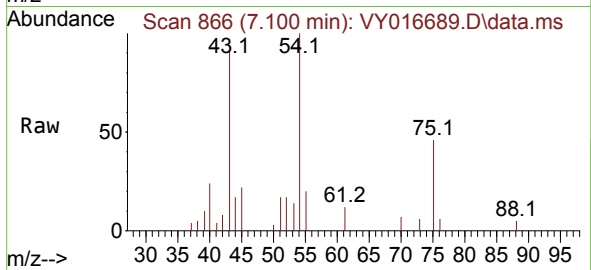
Tgt Ion: 43 Resp: 4758

Ion Ratio Lower Upper

43 100

61 13.9 13.0 19.4

70 4.1 9.9 14.9#



#38

Carbon Tetrachloride

Concen: 4.979 ug/l

RT: 7.917 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VY016689.D

Acq: 19 Dec 2023 10:56

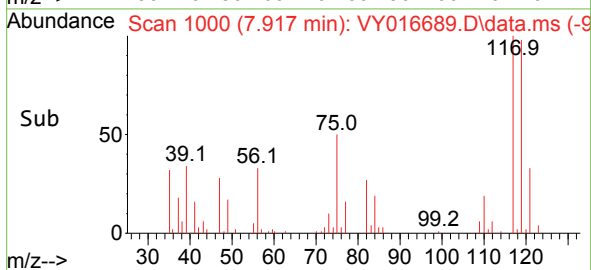
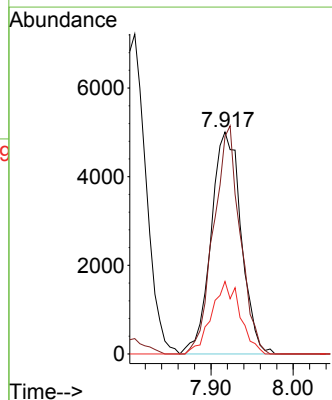
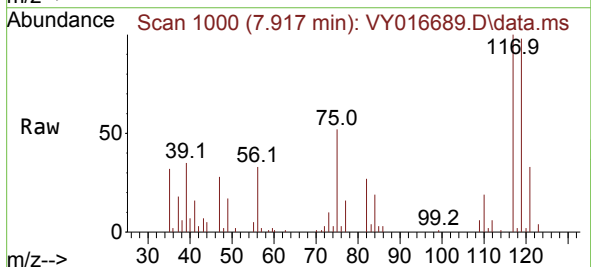
Tgt Ion: 117 Resp: 12697

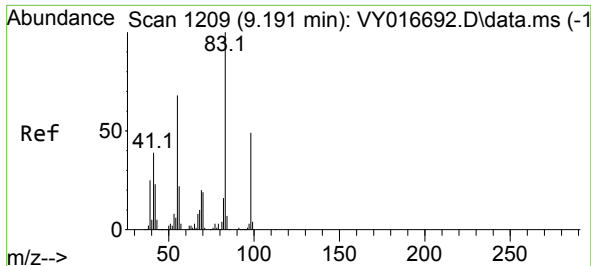
Ion Ratio Lower Upper

117 100

119 98.0 75.0 112.4

121 32.7 24.2 36.4





#39

Methylcyclohexane

Concen: 4.369 ug/l

RT: 9.197 min Scan# 11

Delta R.T. 0.006 min

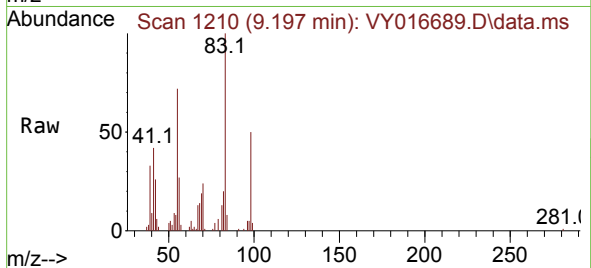
Lab File: VY016689.D

Acq: 19 Dec 2023 10:56

Instrument :

MSVOA_Y

ClientSampleId :



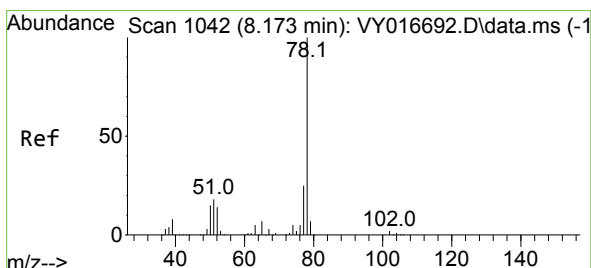
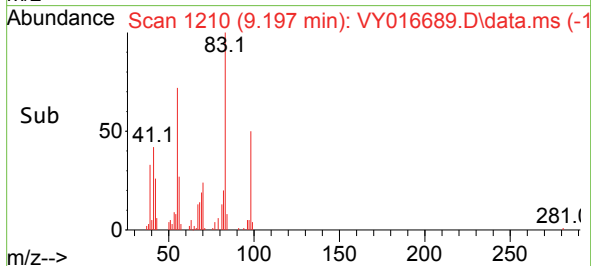
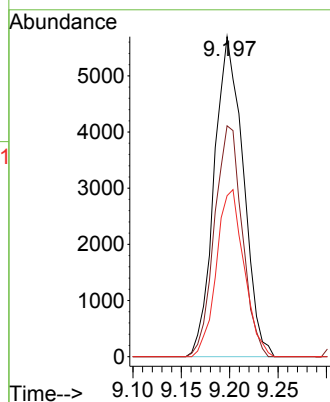
Tgt Ion: 83 Resp: 11887

Ion Ratio Lower Upper

83 100

55 72.1 54.6 81.8

98 50.3 40.1 60.1



#40

Benzene

Concen: 4.872 ug/l

RT: 8.179 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY016689.D

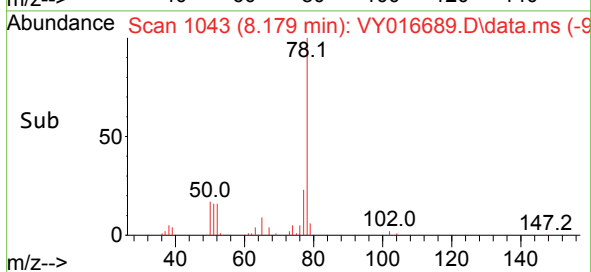
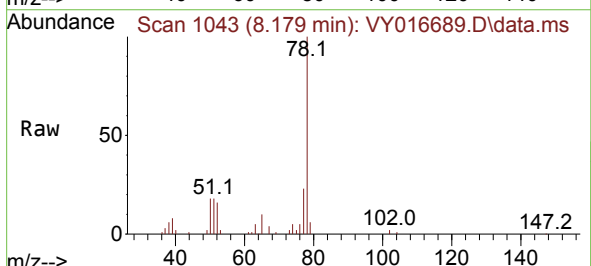
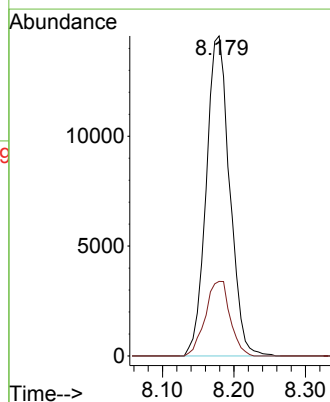
Acq: 19 Dec 2023 10:56

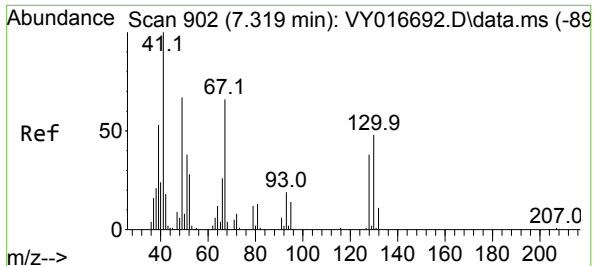
Tgt Ion: 78 Resp: 33082

Ion Ratio Lower Upper

78 100

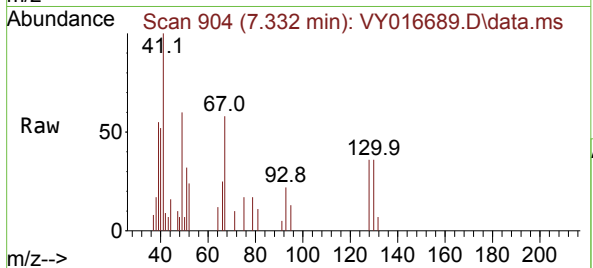
77 23.3 19.0 28.4



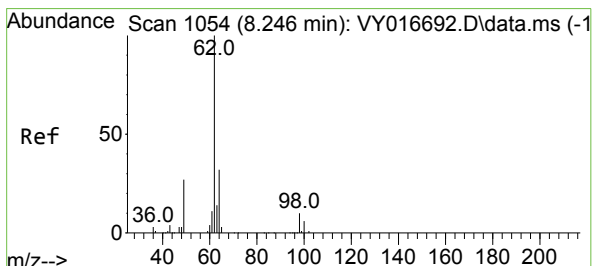
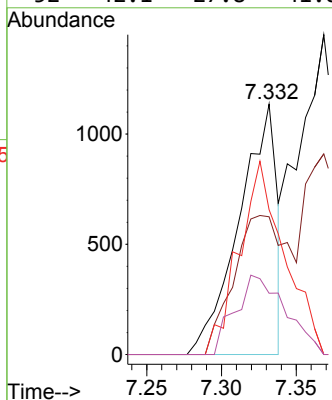
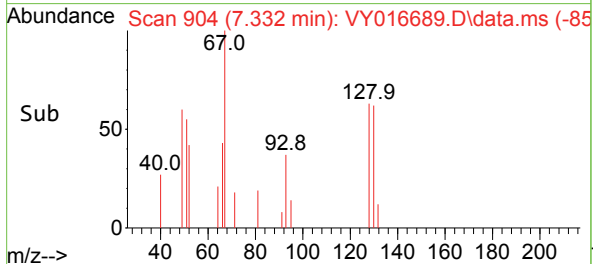


#41
Methacrylonitrile
Concen: 4.175 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.012 min
Lab File: VY016689.D
Acq: 19 Dec 2023 10:56

Instrument :
MSVOA_Y
ClientSampleId :

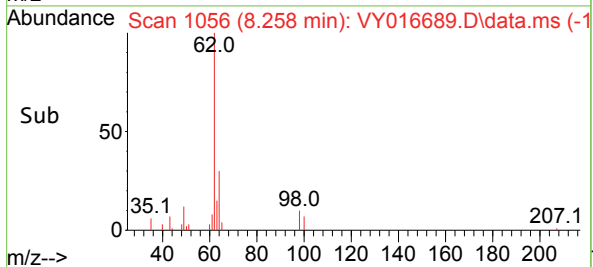
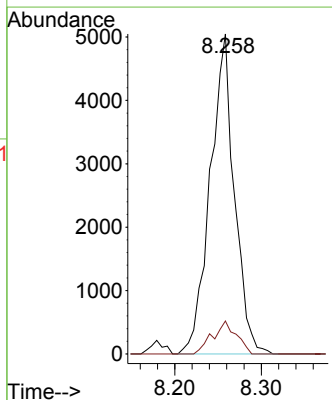
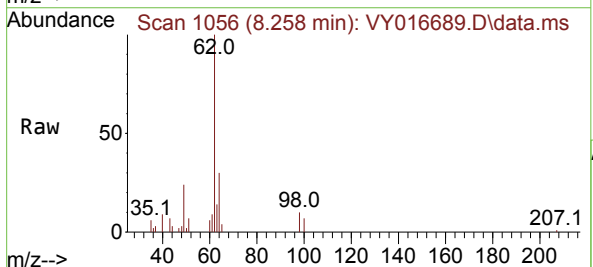


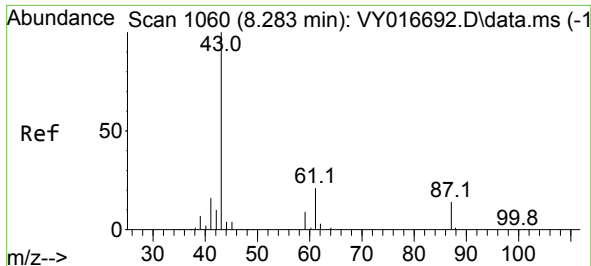
Tgt Ion: 41 Resp: 2007
Ion Ratio Lower Upper
41 100
39 81.3 47.8 71.6#
67 91.9 74.9 112.3
52 42.1 27.8 41.8#



#42
1,2-Dichloroethane
Concen: 5.098 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. 0.012 min
Lab File: VY016689.D
Acq: 19 Dec 2023 10:56

Tgt Ion: 62 Resp: 9795
Ion Ratio Lower Upper
62 100
98 10.1 0.0 22.4

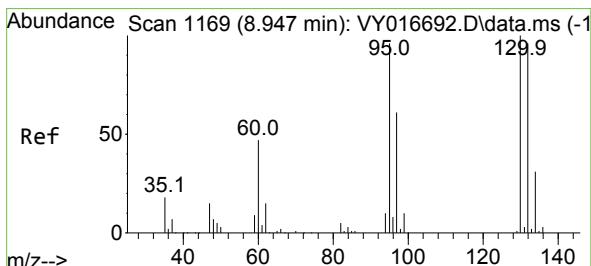
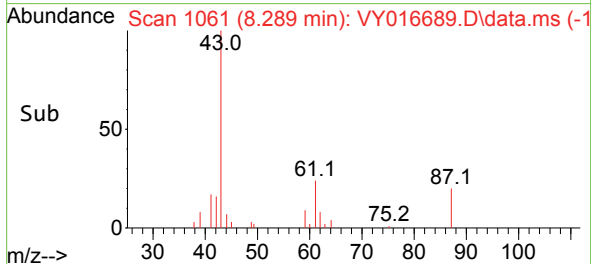
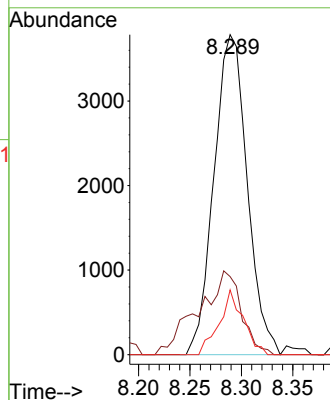
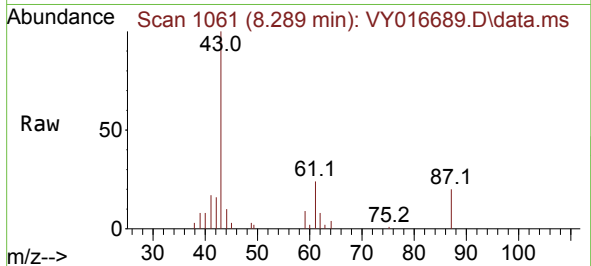




#43
Isopropyl Acetate
Concen: 4.895 ug/l
RT: 8.289 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VY016689.D
Acq: 19 Dec 2023 10:56

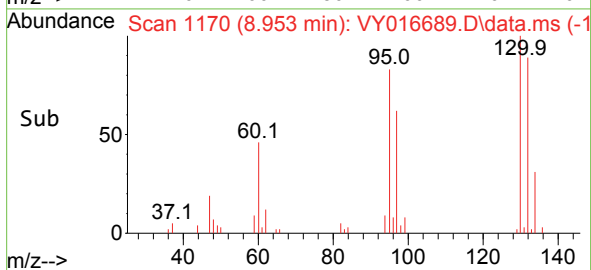
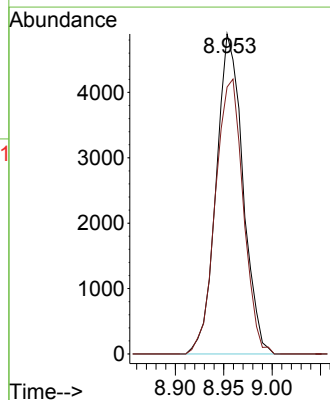
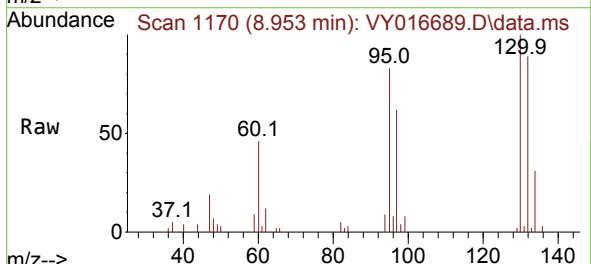
Instrument :
MSVOA_Y
ClientSampleId :

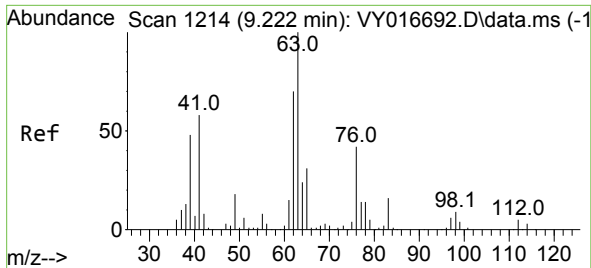
Tgt Ion: 43 Resp: 8510
Ion Ratio Lower Upper
43 100
61 33.8 27.4 41.0
87 14.7 13.2 19.8



#44
Trichloroethene
Concen: 5.017 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VY016689.D
Acq: 19 Dec 2023 10:56

Tgt Ion:130 Resp: 9374
Ion Ratio Lower Upper
130 100
95 83.4 0.0 189.2

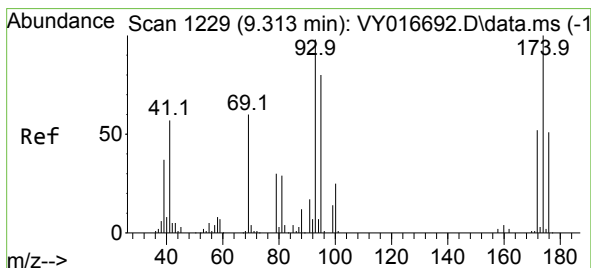
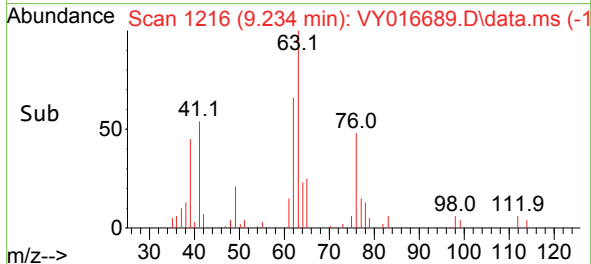
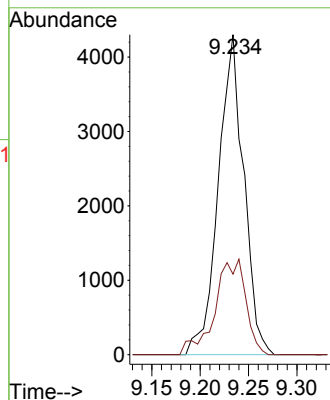
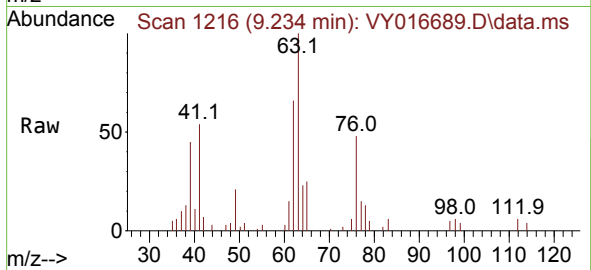




#45
1,2-Dichloropropane
Concen: 4.848 ug/l
RT: 9.234 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016689.D
Acq: 19 Dec 2023 10:56

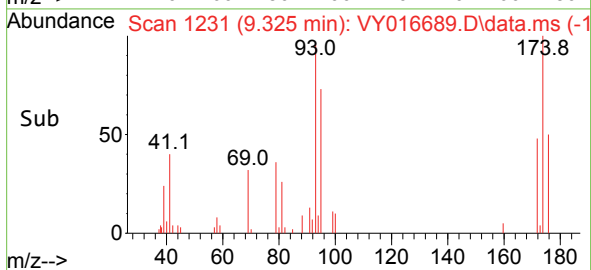
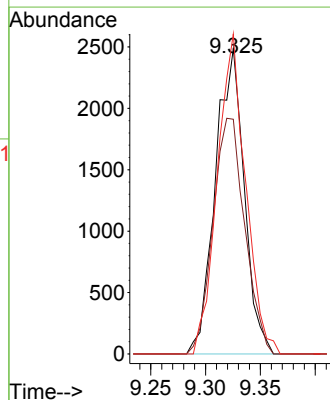
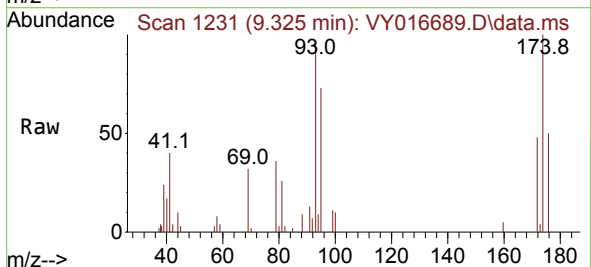
Instrument :
MSVOA_Y
ClientSampleId :

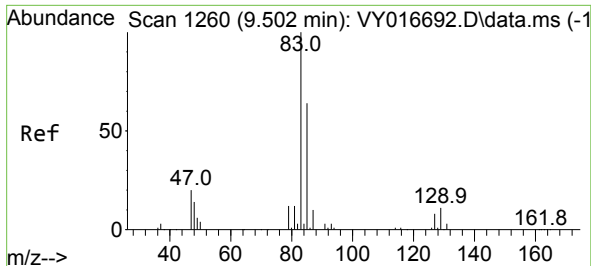
Tgt Ion: 63 Resp: 7869
Ion Ratio Lower Upper
63 100
65 25.1 24.0 36.0



#46
Dibromomethane
Concen: 4.945 ug/l
RT: 9.325 min Scan# 1231
Delta R.T. 0.012 min
Lab File: VY016689.D
Acq: 19 Dec 2023 10:56

Tgt Ion: 93 Resp: 4532
Ion Ratio Lower Upper
93 100
95 85.2 66.9 100.3
174 103.1 85.2 127.8





#47

Bromodichloromethane

Concen: 4.952 ug/l

RT: 9.514 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016689.D

Acq: 19 Dec 2023 10:56

Instrument :

MSVOA_Y

ClientSampleId :

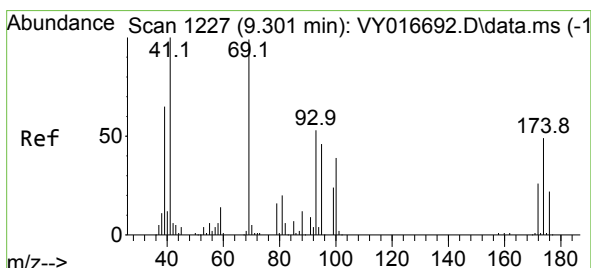
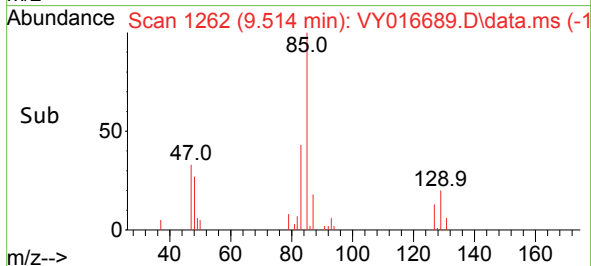
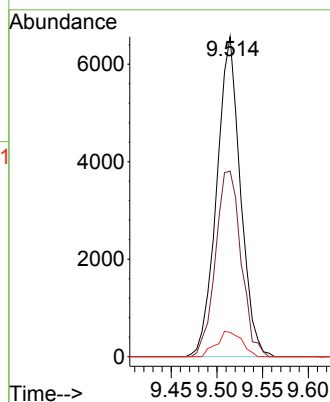
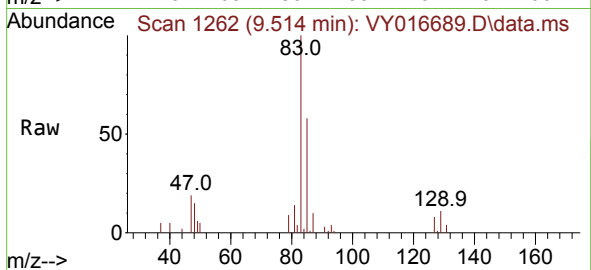
Tgt Ion: 83 Resp: 11849

Ion Ratio Lower Upper

83 100

85 58.0 51.4 77.0

127 7.6 7.3 10.9



#48

Methyl methacrylate

Concen: 4.432 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY016689.D

Acq: 19 Dec 2023 10:56

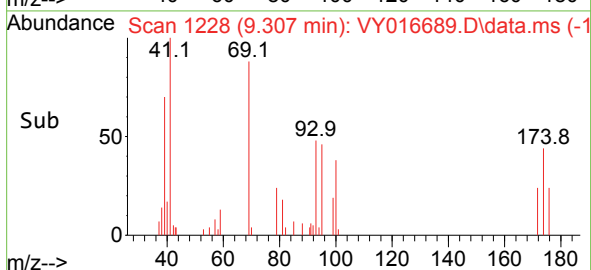
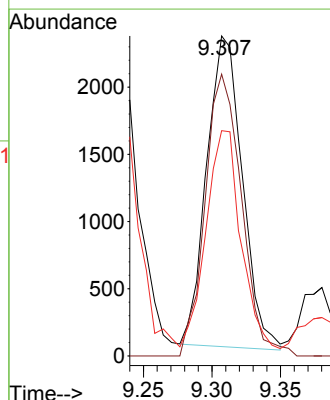
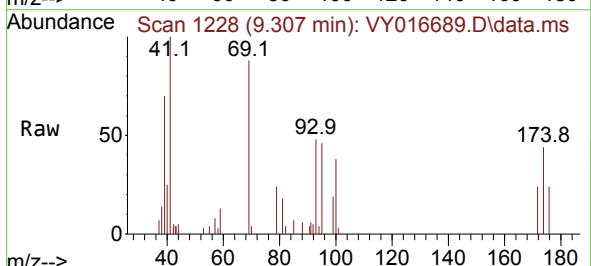
Tgt Ion: 41 Resp: 4181

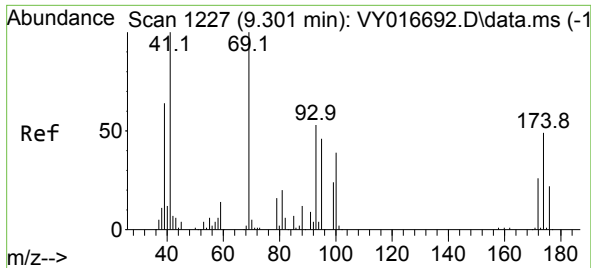
Ion Ratio Lower Upper

41 100

69 93.0 85.5 128.3

39 73.7 40.9 61.3#





#49

1,4-Dioxane

Concen: 41.833 ug/l

RT: 9.319 min Scan# 1227

Delta R.T. 0.018 min

Lab File: VY016689.D

Acq: 19 Dec 2023 10:56

Instrument :

MSVOA_Y

ClientSampleId :

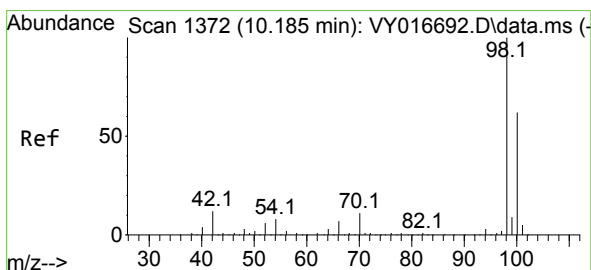
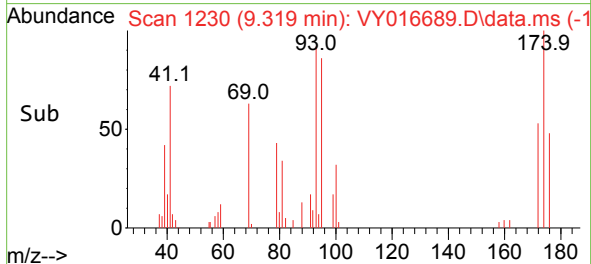
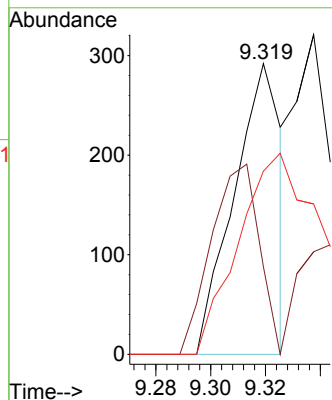
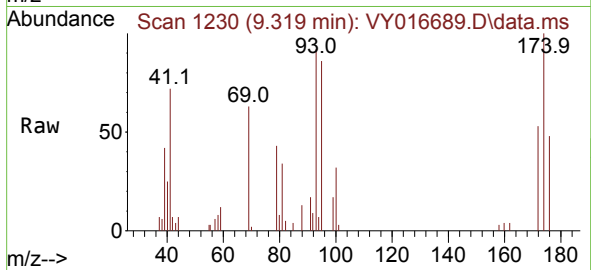
Tgt Ion: 88 Resp: 353

Ion Ratio Lower Upper

88 100

43 65.7 0.0 0.0#

58 122.9 54.0 81.0#



#50

Toluene-d8

Concen: 4.400 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.012 min

Lab File: VY016689.D

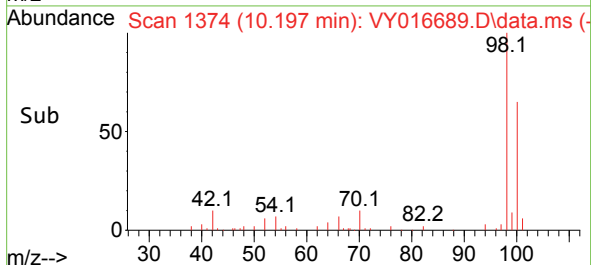
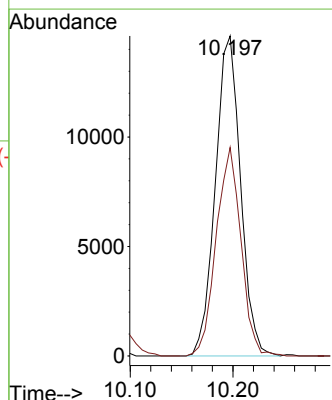
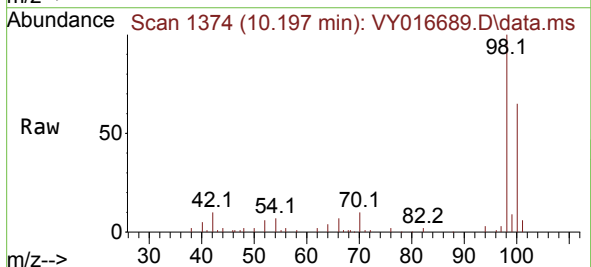
Acq: 19 Dec 2023 10:56

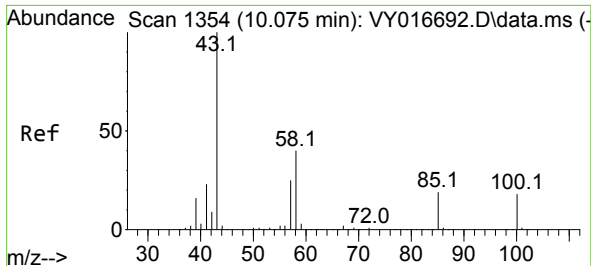
Tgt Ion: 98 Resp: 24898

Ion Ratio Lower Upper

98 100

100 64.1 52.5 78.7

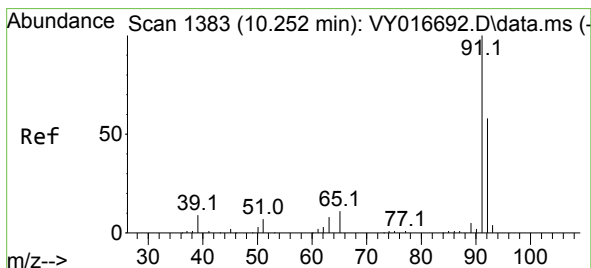
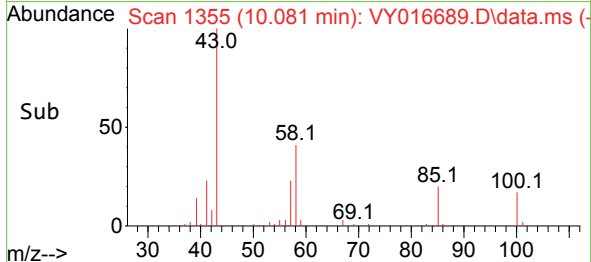
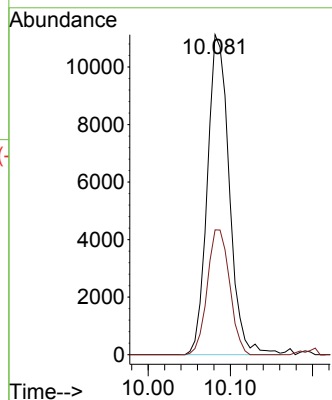
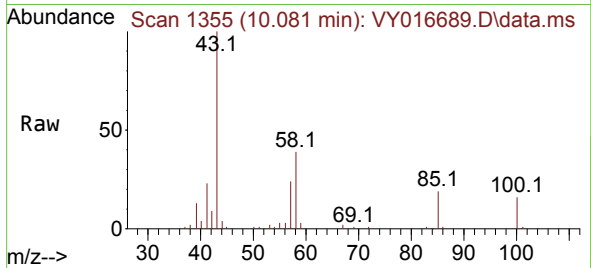




#51
4-Methyl-2-Pentanone
Concen: 23.090 ug/l
RT: 10.081 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016689.D
Acq: 19 Dec 2023 10:56

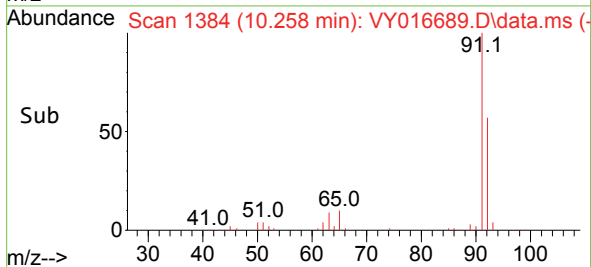
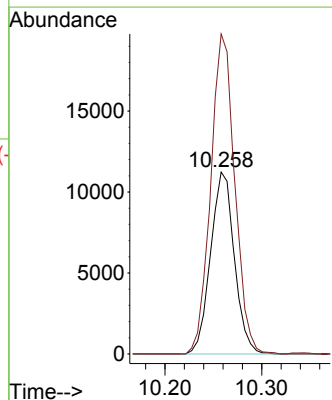
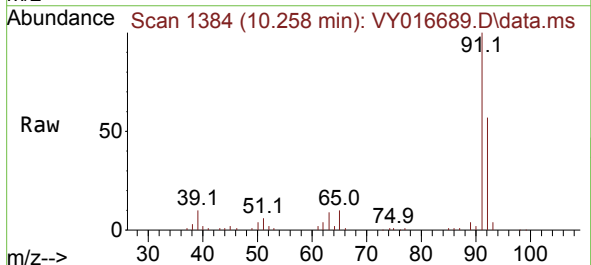
Instrument :
MSVOA_Y
ClientSampleId :

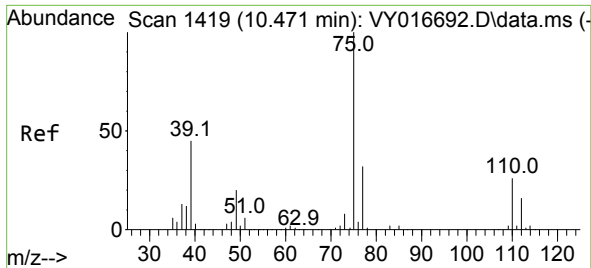
Tgt Ion: 43 Resp: 20604
Ion Ratio Lower Upper
43 100
58 39.7 35.8 53.8



#52
Toluene
Concen: 4.617 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VY016689.D
Acq: 19 Dec 2023 10:56

Tgt Ion: 92 Resp: 19180
Ion Ratio Lower Upper
92 100
91 178.0 136.3 204.5

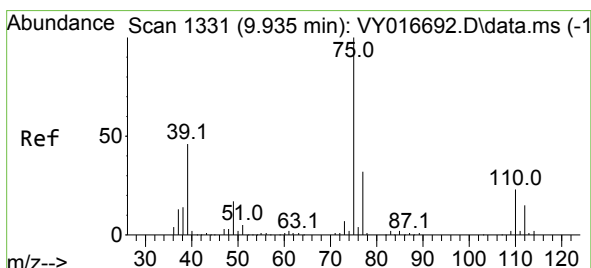
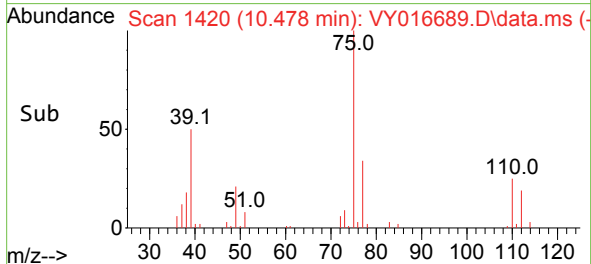
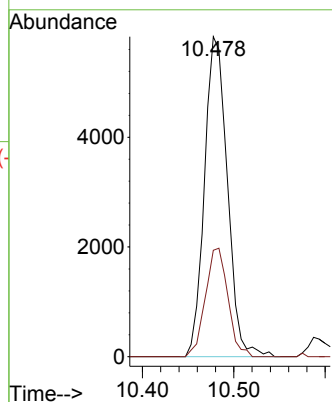
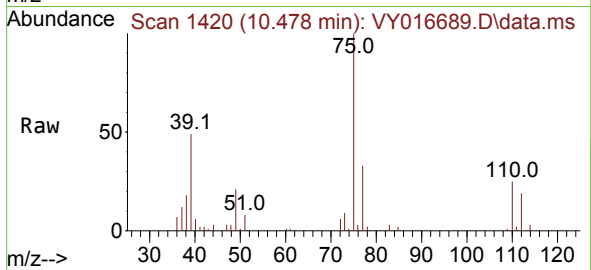




#53
 t-1,3-Dichloropropene
 Concen: 4.732 ug/l
 RT: 10.478 min Scan# 1419
 Delta R.T. 0.006 min
 Lab File: VY016689.D
 Acq: 19 Dec 2023 10:56

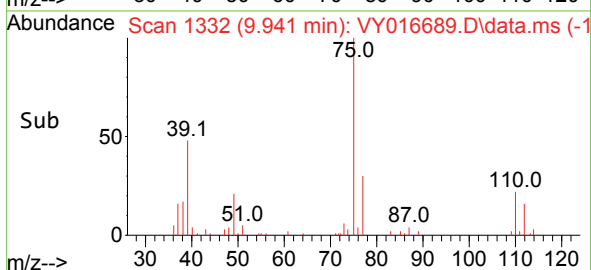
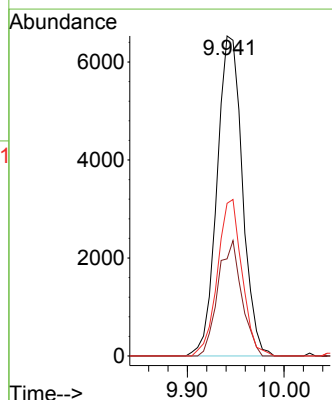
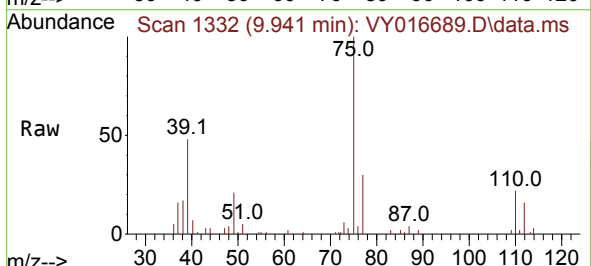
Instrument :
 MSVOA_Y
 ClientSampleId :

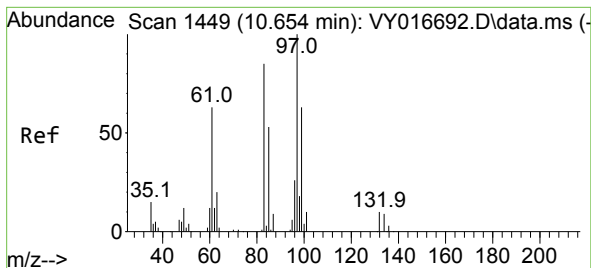
Tgt Ion: 75 Resp: 10138
 Ion Ratio Lower Upper
 75 100
 77 33.2 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 4.681 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. 0.006 min
 Lab File: VY016689.D
 Acq: 19 Dec 2023 10:56

Tgt Ion: 75 Resp: 11885
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.4 38.0
 39 47.7 29.7 44.5#

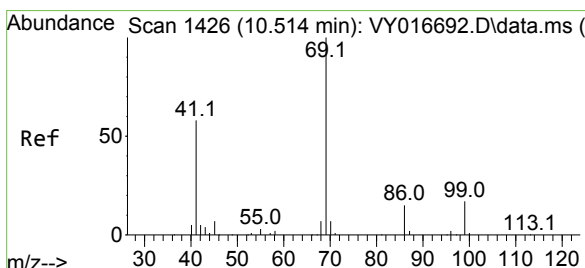
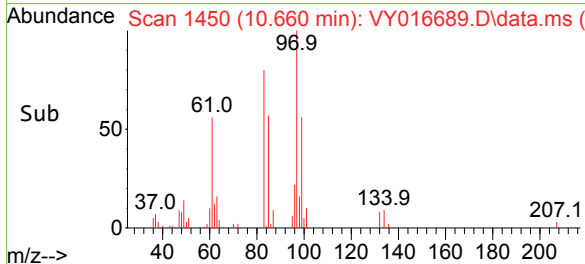
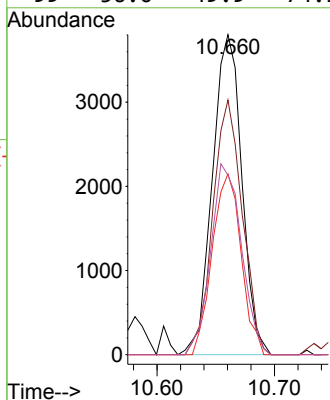
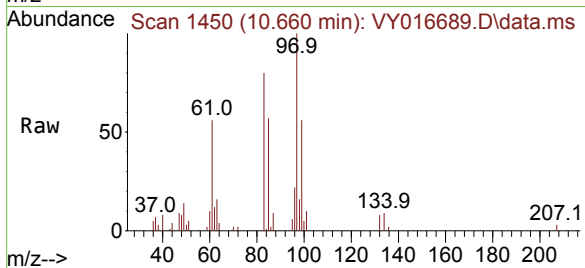




#55
1,1,2-Trichloroethane
Concen: 5.209 ug/l
RT: 10.660 min Scan# 1449
Delta R.T. 0.006 min
Lab File: VY016689.D
Acq: 19 Dec 2023 10:56

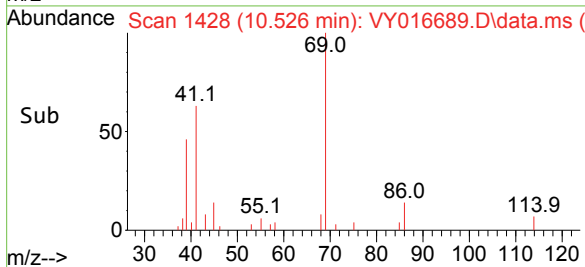
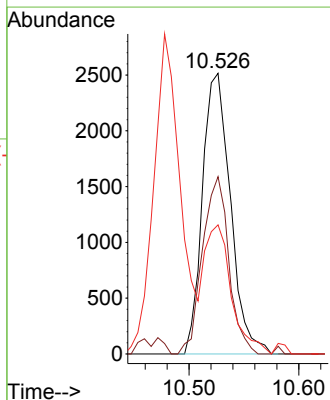
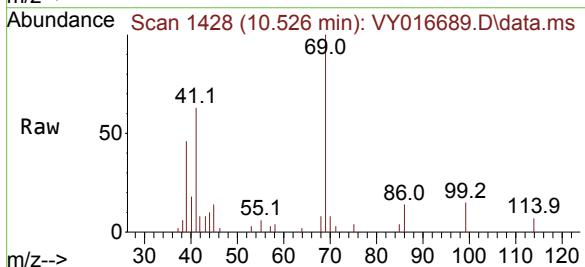
Instrument :
MSVOA_Y
ClientSampleId :

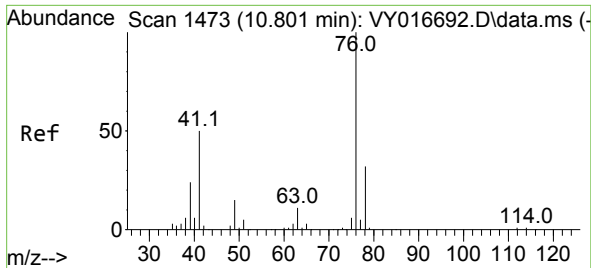
Tgt Ion: 97	Resp: 6595
Ion Ratio	Lower Upper
97 100	
83 79.6	65.8 98.6
85 56.5	43.4 65.2
99 56.0	49.9 74.9



#56
Ethyl methacrylate
Concen: 4.334 ug/l
RT: 10.526 min Scan# 1428
Delta R.T. 0.012 min
Lab File: VY016689.D
Acq: 19 Dec 2023 10:56

Tgt Ion: 69	Resp: 4465
Ion Ratio	Lower Upper
69 100	
41 59.5	44.6 67.0
39 44.1	21.5 32.3#

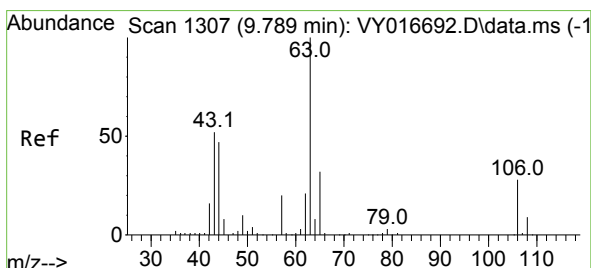
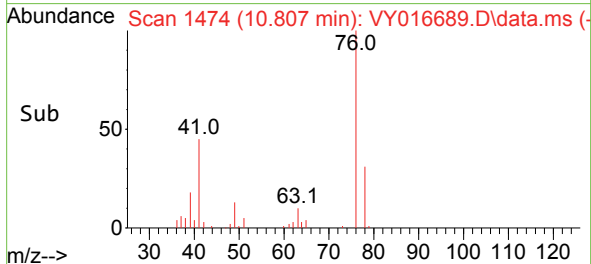
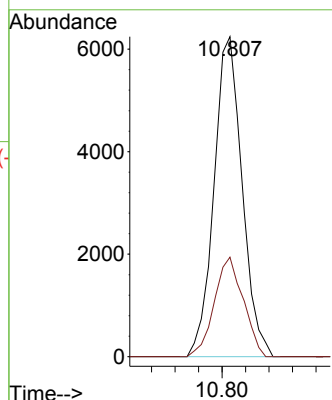
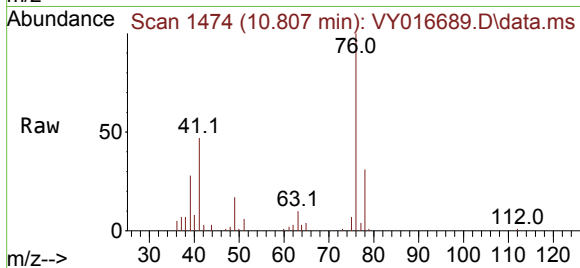




#57
1,3-Dichloropropane
Concen: 4.962 ug/l
RT: 10.807 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VY016689.D
Acq: 19 Dec 2023 10:56

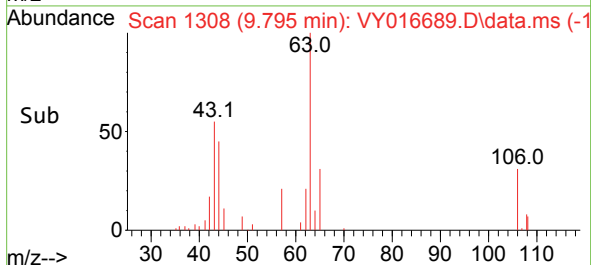
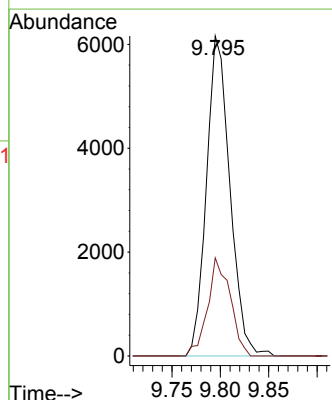
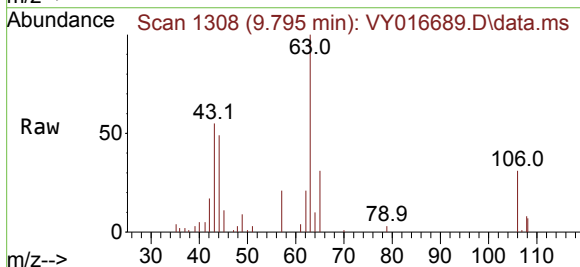
Instrument :
MSVOA_Y
ClientSampleId :

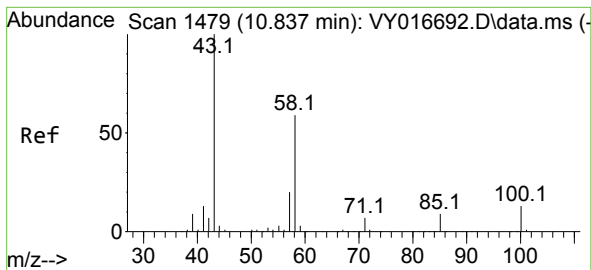
Tgt Ion: 76 Resp: 10365
Ion Ratio Lower Upper
76 100
78 32.1 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 33.209 ug/l
RT: 9.795 min Scan# 1308
Delta R.T. 0.006 min
Lab File: VY016689.D
Acq: 19 Dec 2023 10:56

Tgt Ion: 63 Resp: 10395
Ion Ratio Lower Upper
63 100
106 29.5 25.4 38.2





#59

2-Hexanone

Concen: 23.842 ug/l

RT: 10.849 min Scan# 1479

Delta R.T. 0.012 min

Lab File: VY016689.D

Acq: 19 Dec 2023 10:56

Instrument :

MSVOA_Y

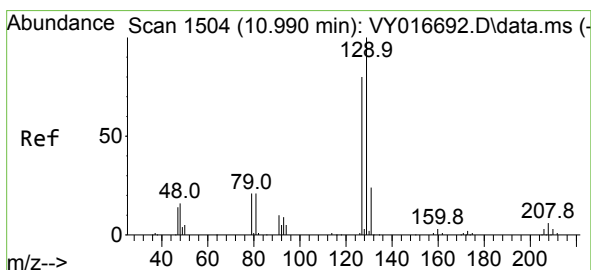
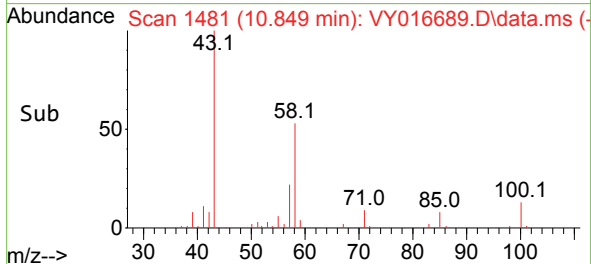
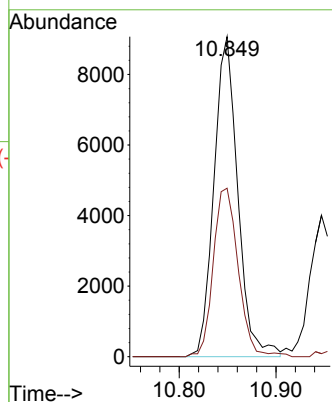
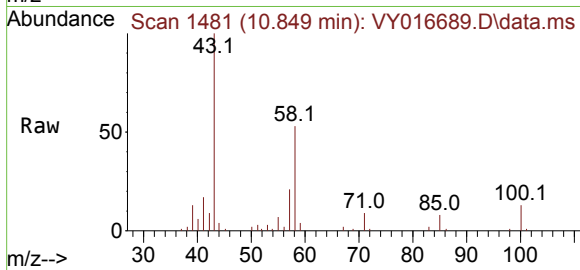
ClientSampleId :

Tgt Ion: 43 Resp: 15500

Ion Ratio Lower Upper

43 100

58 55.1 30.8 92.4



#60

Dibromochloromethane

Concen: 4.730 ug/l

RT: 10.996 min Scan# 1505

Delta R.T. 0.006 min

Lab File: VY016689.D

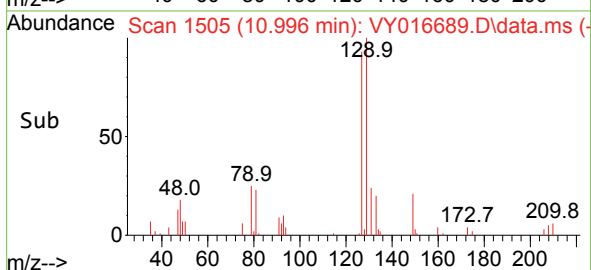
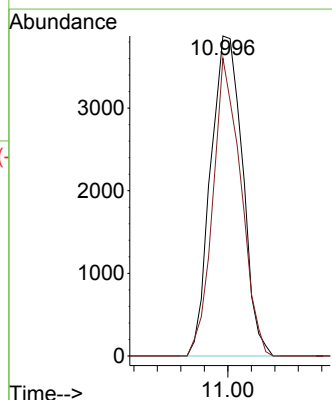
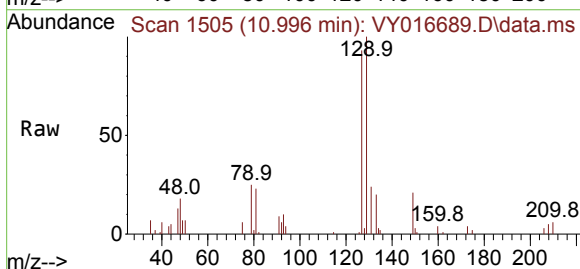
Acq: 19 Dec 2023 10:56

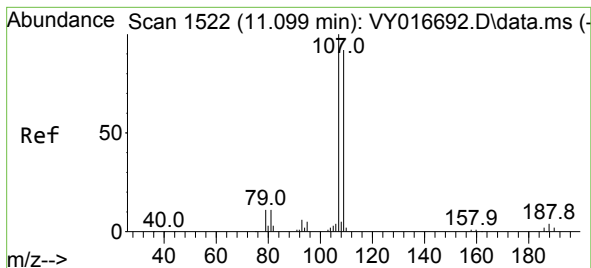
Tgt Ion:129 Resp: 7270

Ion Ratio Lower Upper

129 100

127 82.1 38.0 113.9

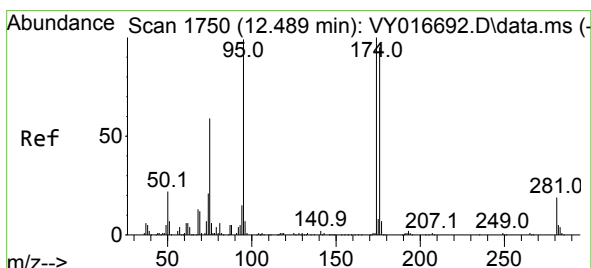
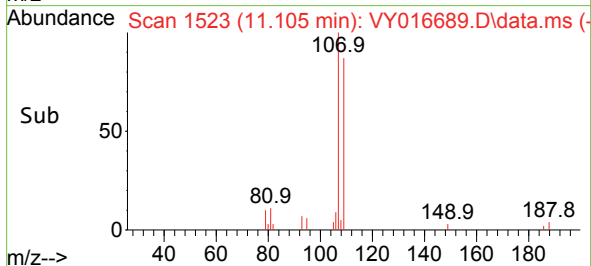
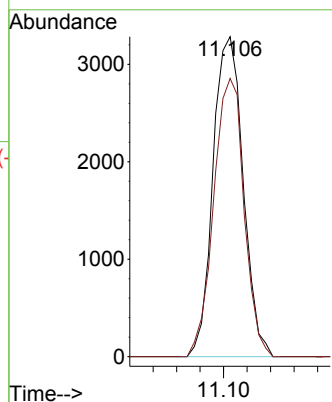
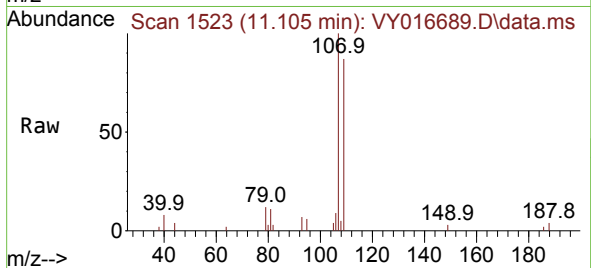




#61
1,2-Dibromoethane
Concen: 5.124 ug/l
RT: 11.105 min Scan# 1523
Delta R.T. 0.006 min
Lab File: VY016689.D
Acq: 19 Dec 2023 10:56

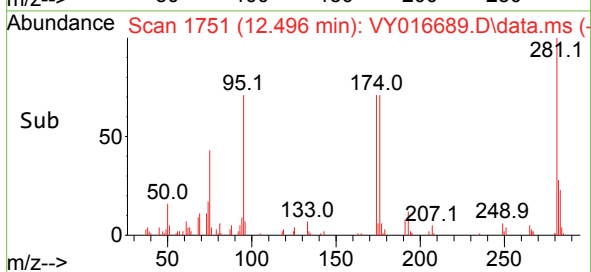
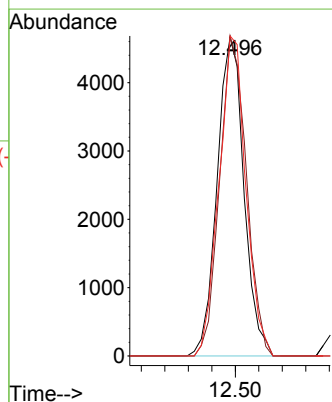
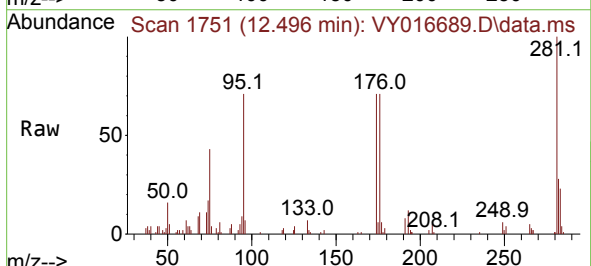
Instrument :
MSVOA_Y
ClientSampleId :

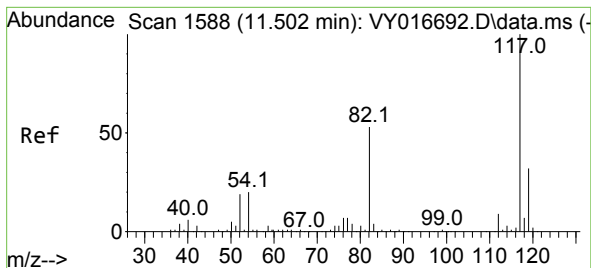
Tgt Ion:107 Resp: 5842
Ion Ratio Lower Upper
107 100
109 87.6 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 4.595 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016689.D
Acq: 19 Dec 2023 10:56

Tgt Ion: 95 Resp: 7392
Ion Ratio Lower Upper
95 100
174 99.7 0.0 181.0
176 100.5 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: VY016689.D

Acq: 19 Dec 2023 10:56

Instrument :

MSVOA_Y

ClientSampleId :

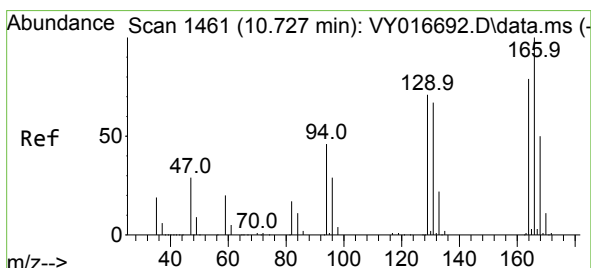
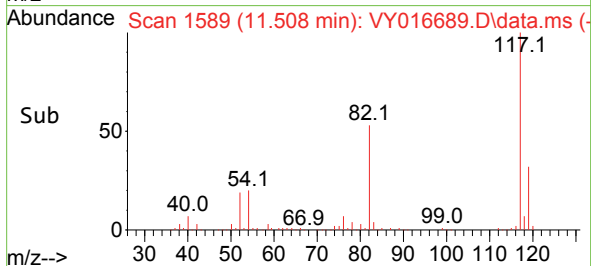
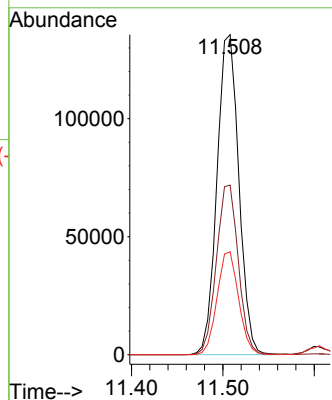
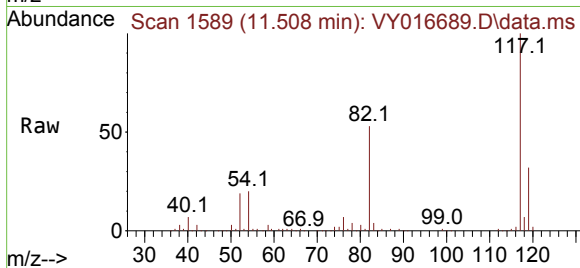
Tgt Ion:117 Resp: 225566

Ion Ratio Lower Upper

117 100

82 53.0 41.0 61.6

119 32.2 25.8 38.8



#64

Tetrachloroethene

Concen: 4.840 ug/l

RT: 10.740 min Scan# 1463

Delta R.T. 0.012 min

Lab File: VY016689.D

Acq: 19 Dec 2023 10:56

Tgt Ion:164 Resp: 7531

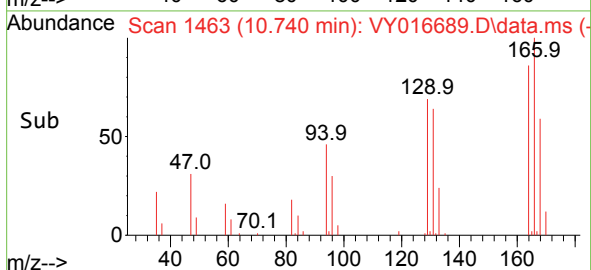
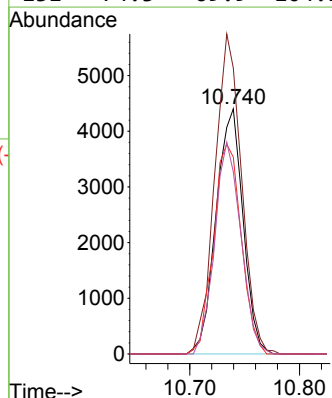
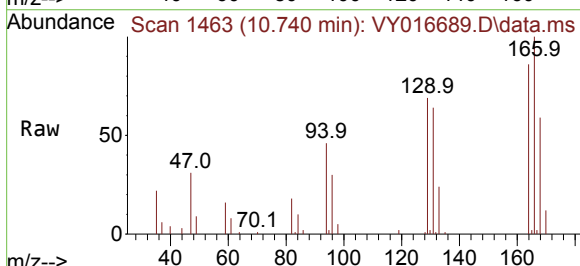
Ion Ratio Lower Upper

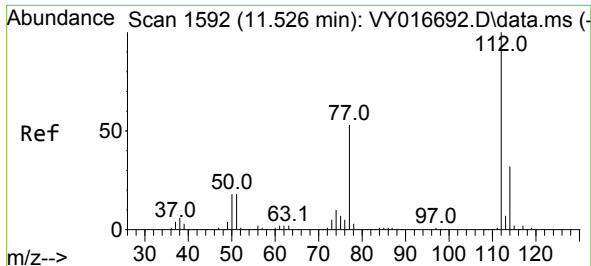
164 100

166 116.6 103.9 155.9

129 80.2 71.4 107.2

131 74.3 69.9 104.9

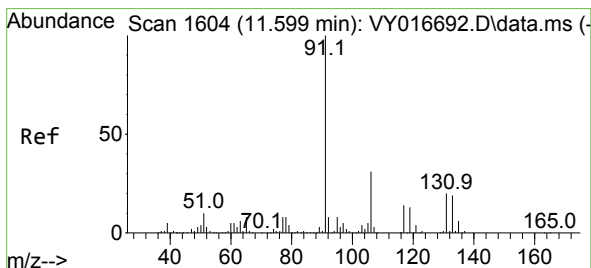
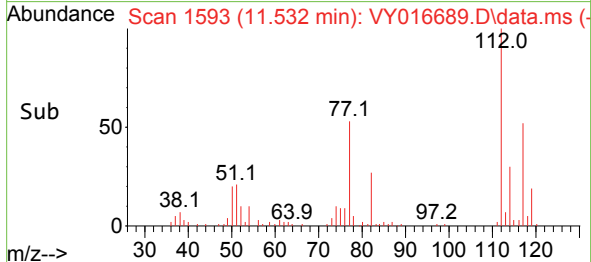
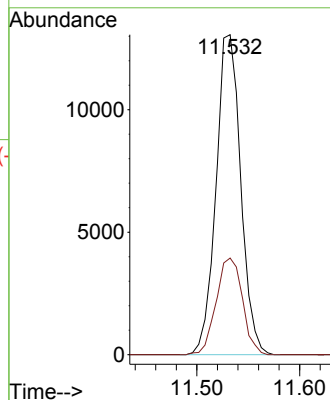
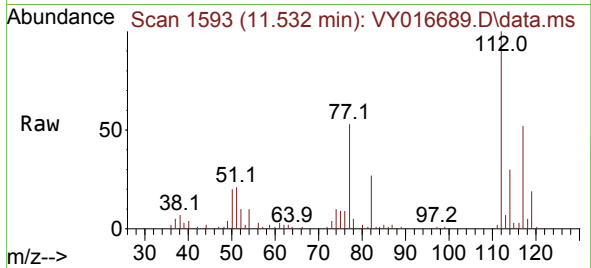




#65
Chlorobenzene
Concen: 4.877 ug/l
RT: 11.532 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016689.D
Acq: 19 Dec 2023 10:56

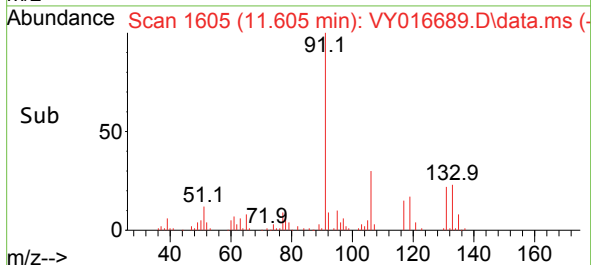
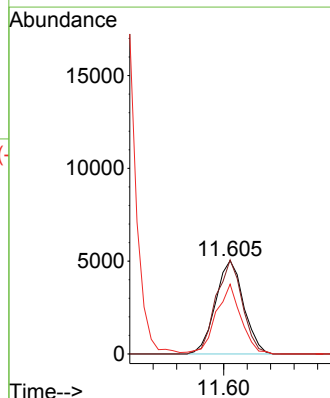
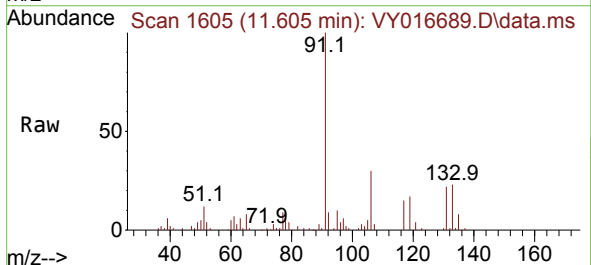
Instrument :
MSVOA_Y
ClientSampleId :

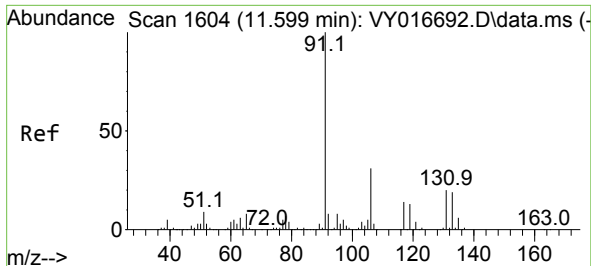
Tgt Ion:112 Resp: 21784
Ion Ratio Lower Upper
112 100
114 30.2 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 4.813 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY016689.D
Acq: 19 Dec 2023 10:56

Tgt Ion:131 Resp: 8329
Ion Ratio Lower Upper
131 100
133 94.8 48.5 145.6
119 66.8 32.9 98.7





#67

Ethyl Benzene

Concen: 4.407 ug/l

RT: 11.605 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016689.D

Acq: 19 Dec 2023 10:56

Instrument :

MSVOA_Y

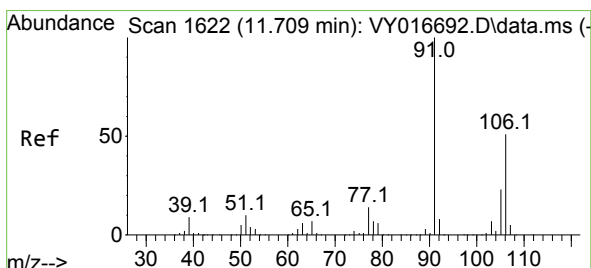
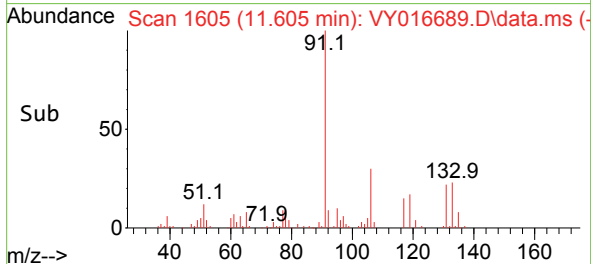
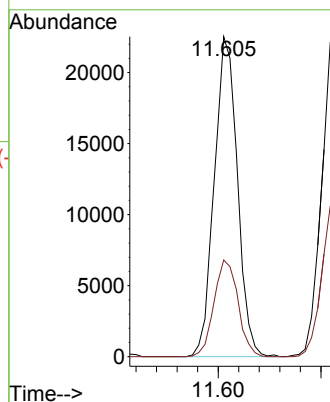
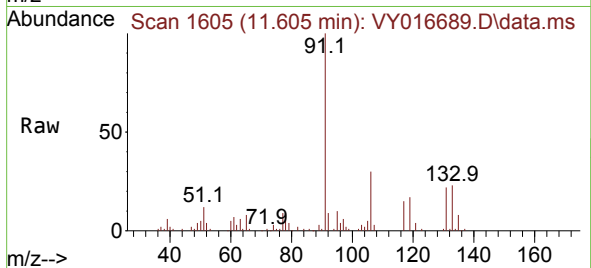
ClientSampleId :

Tgt Ion: 91 Resp: 35170

Ion Ratio Lower Upper

91 100

106 30.2 24.7 37.1



#68

m/p-Xylenes

Concen: 8.519 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. 0.006 min

Lab File: VY016689.D

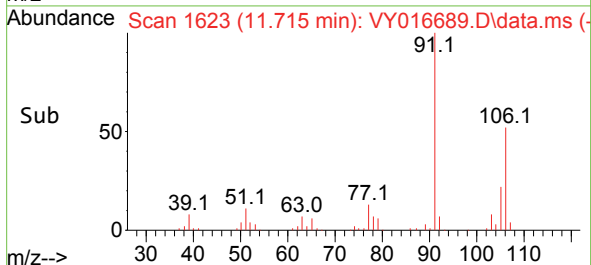
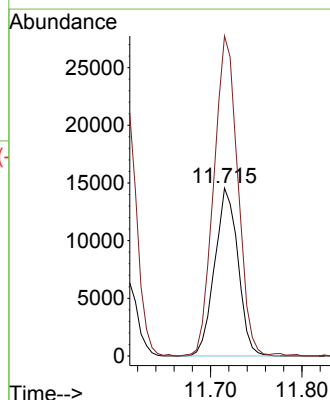
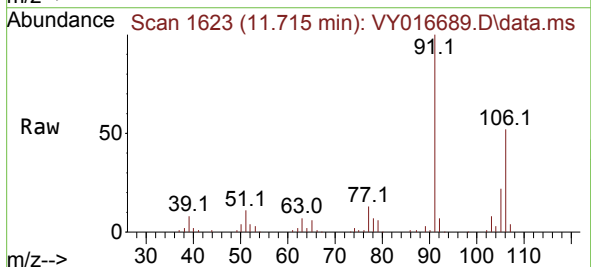
Acq: 19 Dec 2023 10:56

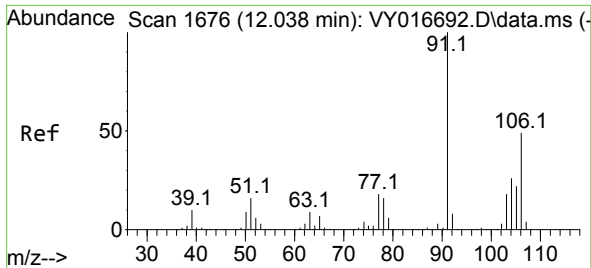
Tgt Ion:106 Resp: 25769

Ion Ratio Lower Upper

106 100

91 196.3 156.2 234.2

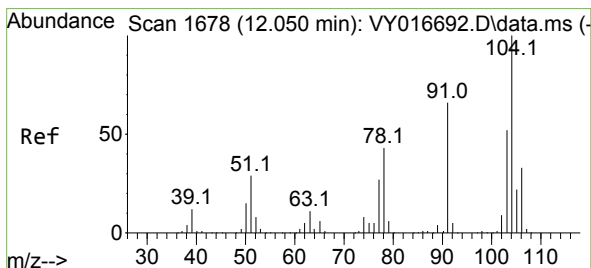
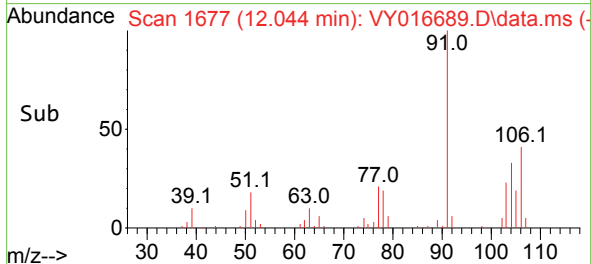
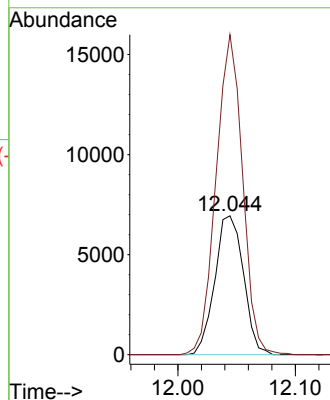
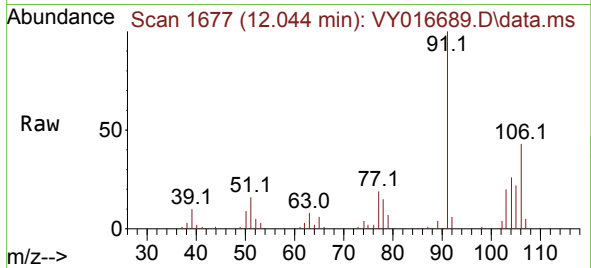




#69
o-Xylene
Concen: 4.251 ug/l
RT: 12.044 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VY016689.D
Acq: 19 Dec 2023 10:56

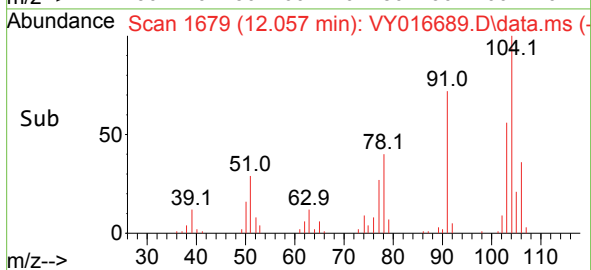
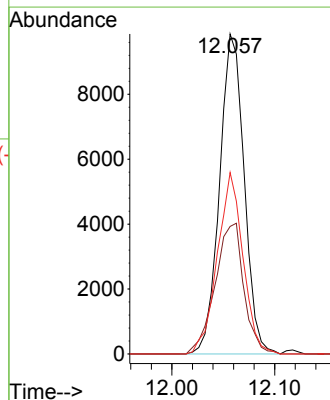
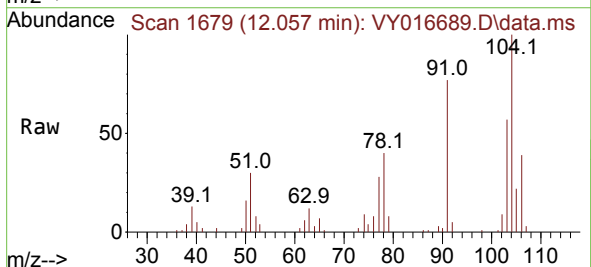
Instrument :
MSVOA_Y
ClientSampleId :

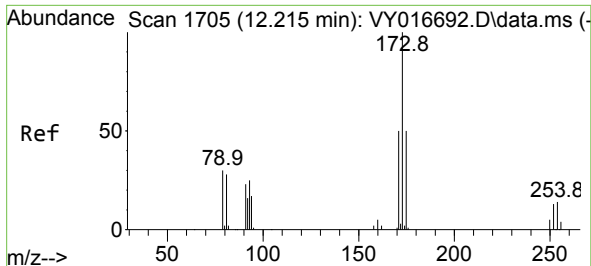
Tgt Ion:106 Resp: 11746
Ion Ratio Lower Upper
106 100
91 213.5 102.8 308.4



#70
Styrene
Concen: 4.105 ug/l
RT: 12.057 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY016689.D
Acq: 19 Dec 2023 10:56

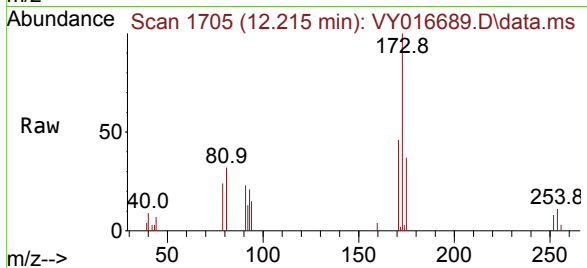
Tgt Ion:104 Resp: 16379
Ion Ratio Lower Upper
104 100
78 47.8 38.2 57.2
103 59.0 44.3 66.5



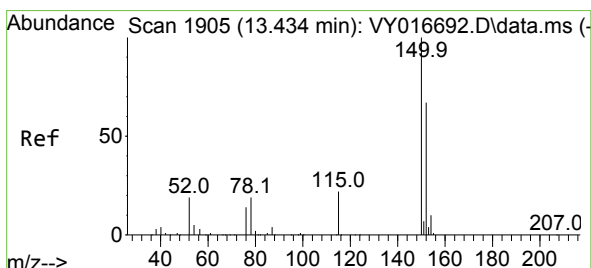
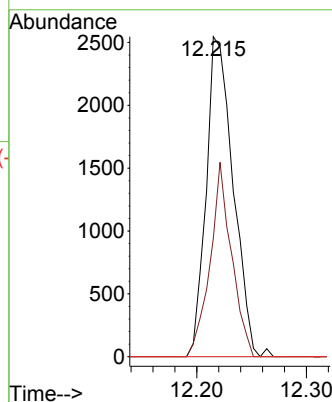
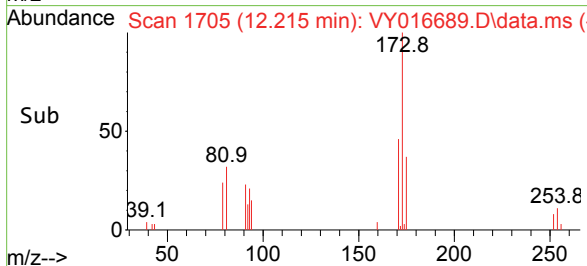


#71
Bromoform
Concen: 4.850 ug/l
RT: 12.215 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016689.D
Acq: 19 Dec 2023 10:56

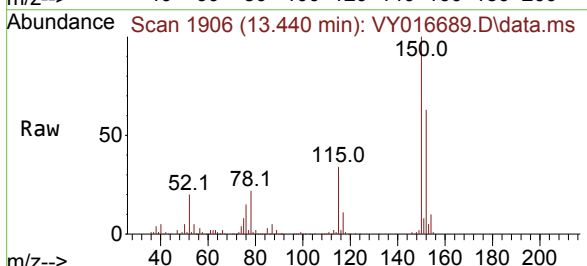
Instrument :
MSVOA_Y
ClientSampleId :



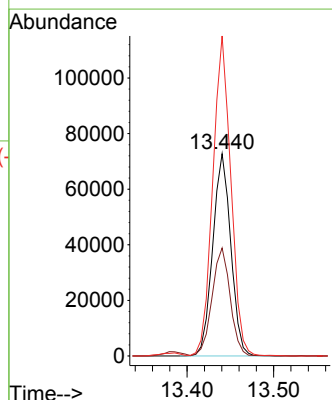
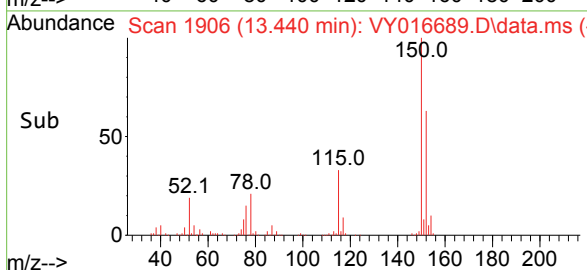
Tgt Ion:173 Resp: 4347
Ion Ratio Lower Upper
173 100
175 48.3 24.2 72.6
254 0.0 0.0 0.0

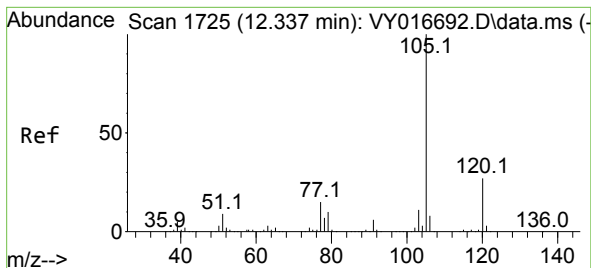


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY016689.D
Acq: 19 Dec 2023 10:56



Tgt Ion:152 Resp: 105290
Ion Ratio Lower Upper
152 100
115 53.7 28.2 84.7
150 158.6 0.0 350.6





#73

Isopropylbenzene

Concen: 4.312 ug/l

RT: 12.343 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016689.D

Acq: 19 Dec 2023 10:56

Instrument :

MSVOA_Y

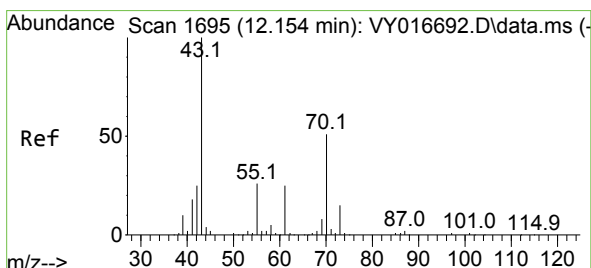
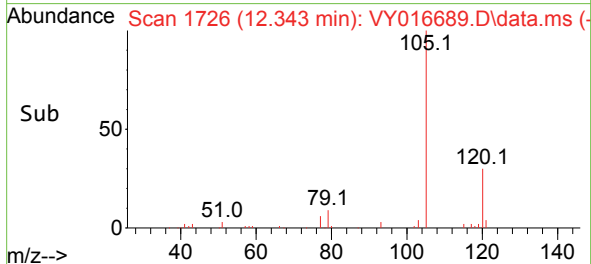
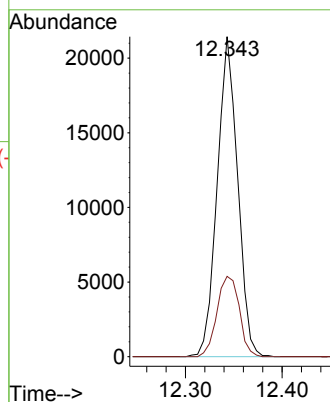
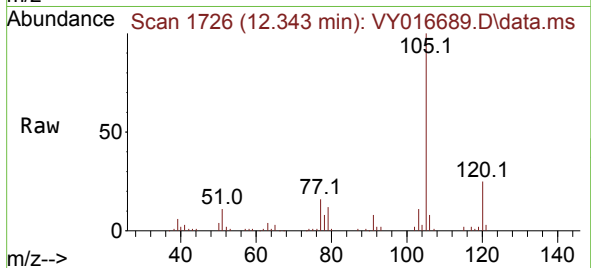
ClientSampleId :

Tgt Ion:105 Resp: 31394

Ion Ratio Lower Upper

105 100

120 27.4 13.6 40.8



#74

N-ethyl acetate

Concen: 4.564 ug/l

RT: 12.160 min Scan# 1696

Delta R.T. 0.006 min

Lab File: VY016689.D

Acq: 19 Dec 2023 10:56

Tgt Ion: 43 Resp: 6012

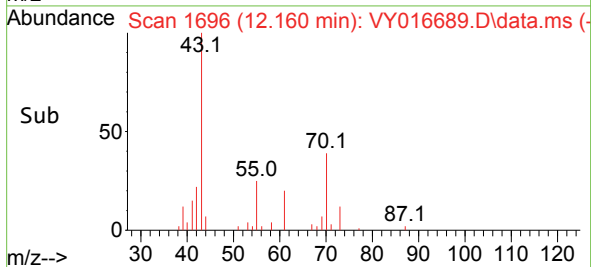
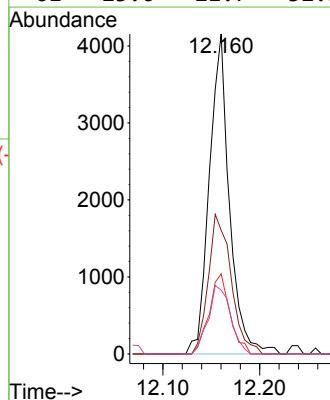
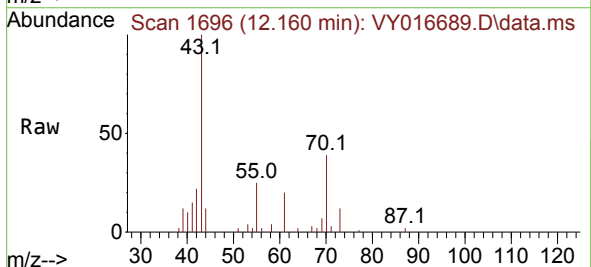
Ion Ratio Lower Upper

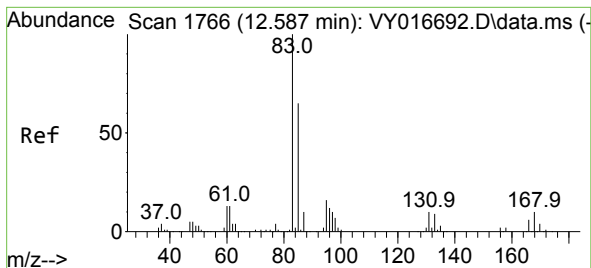
43 100

70 49.5 41.2 61.8

55 25.9 22.2 33.2

61 23.6 21.7 32.5





#75

1,1,2,2-Tetrachloroethane

Concen: 5.312 ug/l

RT: 12.593 min Scan# 1766

Delta R.T. 0.006 min

Lab File: VY016689.D

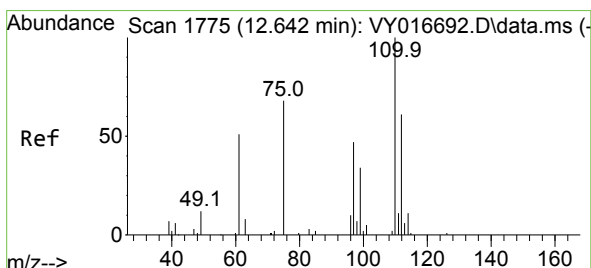
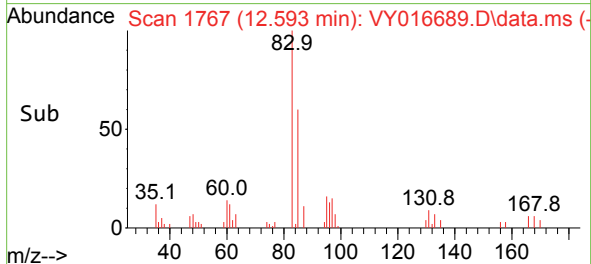
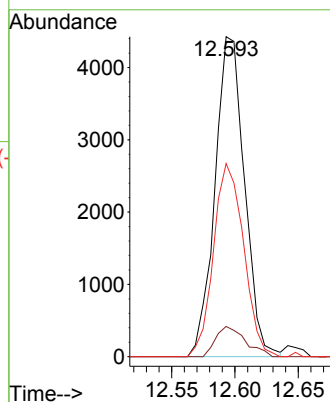
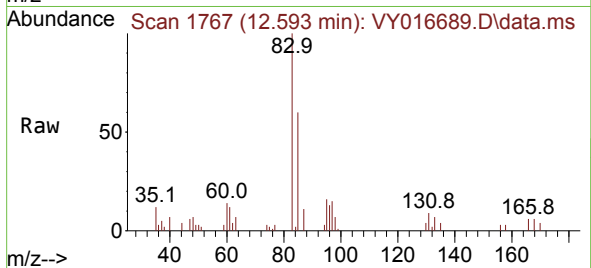
Acq: 19 Dec 2023 10:56

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 83	Resp: 7195
Ion Ratio	Lower Upper
83	100
131	9.5 5.5 16.4
85	61.4 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 9.260 ug/l

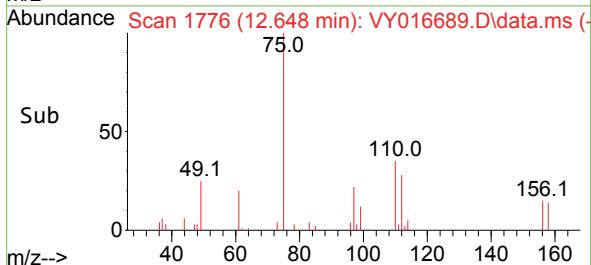
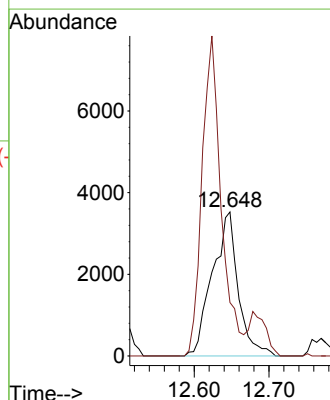
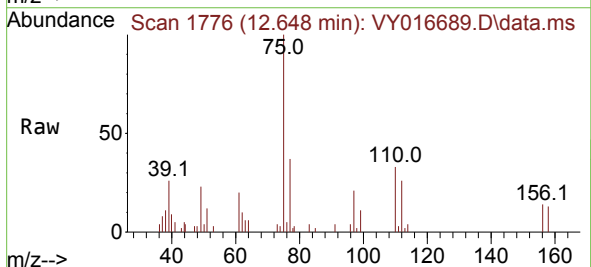
RT: 12.648 min Scan# 1776

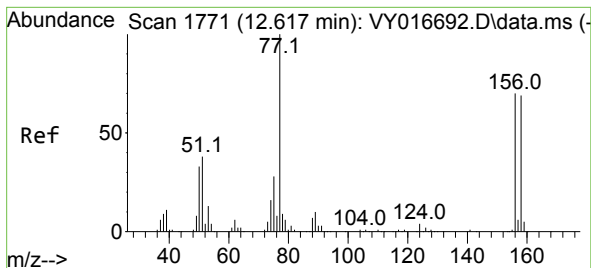
Delta R.T. 0.006 min

Lab File: VY016689.D

Acq: 19 Dec 2023 10:56

Tgt Ion: 75	Resp: 8475
Ion Ratio	Lower Upper
75	100
77	0.0 0.0 0.0





#77

Bromobenzene

Concen: 4.844 ug/l

RT: 12.624 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016689.D

Acq: 19 Dec 2023 10:56

Instrument :

MSVOA_Y

ClientSampleId :

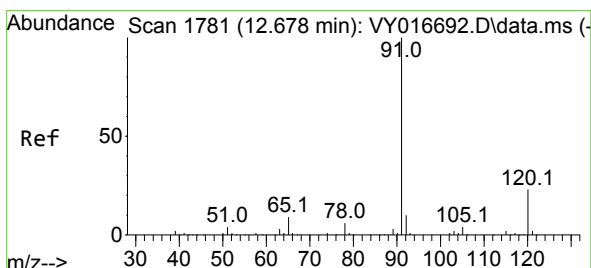
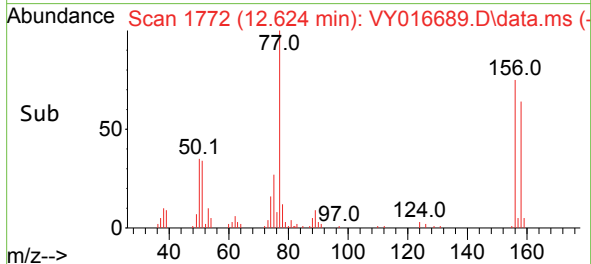
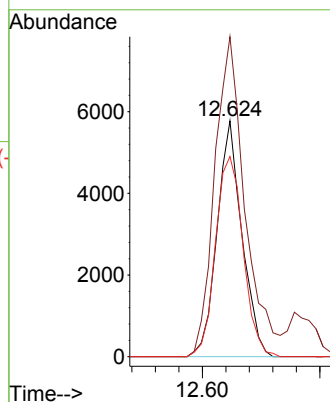
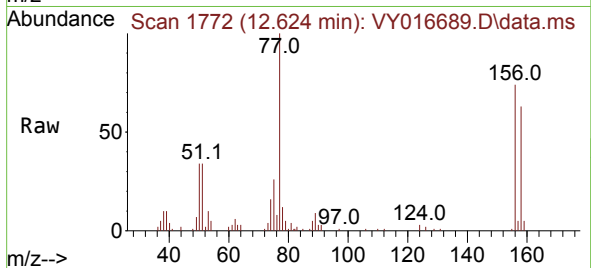
Tgt Ion:156 Resp: 8502

Ion Ratio Lower Upper

156 100

77 164.7 83.5 250.7

158 94.2 49.0 147.0



#78

n-propylbenzene

Concen: 4.386 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. 0.006 min

Lab File: VY016689.D

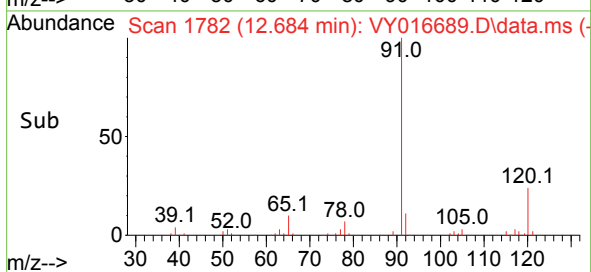
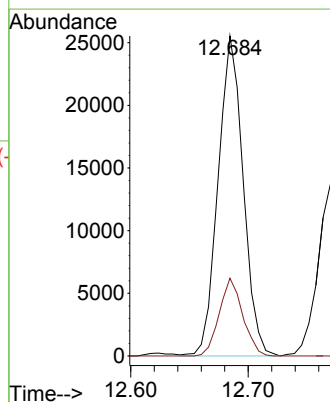
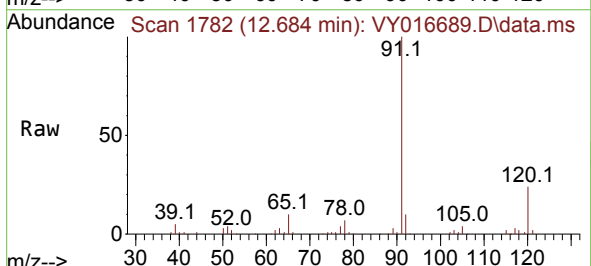
Acq: 19 Dec 2023 10:56

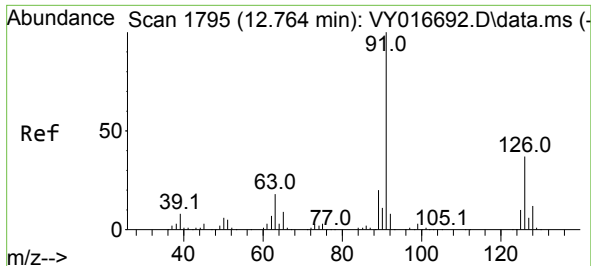
Tgt Ion: 91 Resp: 37858

Ion Ratio Lower Upper

91 100

120 22.7 11.9 35.7

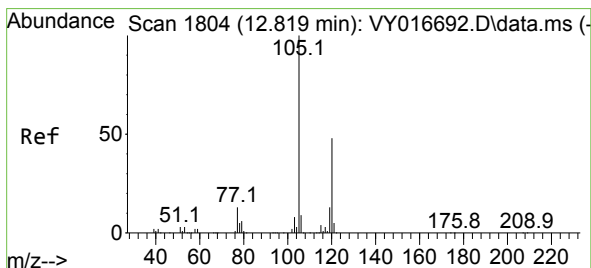
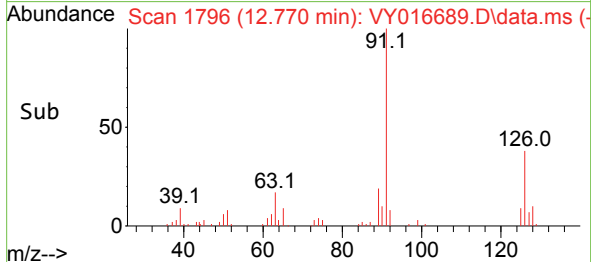
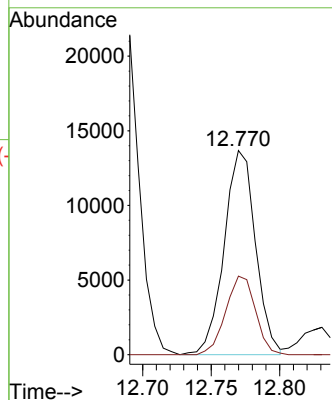
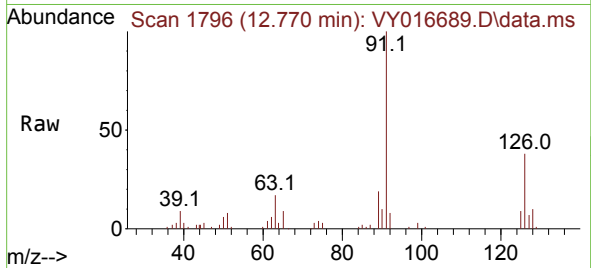




#79
2-Chlorotoluene
Concen: 4.716 ug/l
RT: 12.770 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016689.D
Acq: 19 Dec 2023 10:56

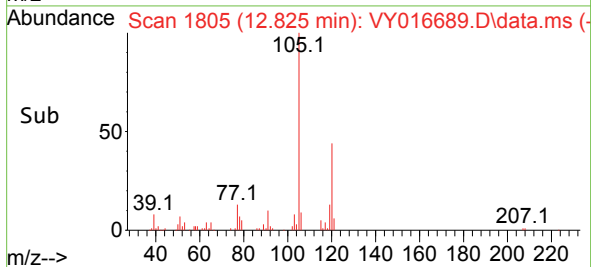
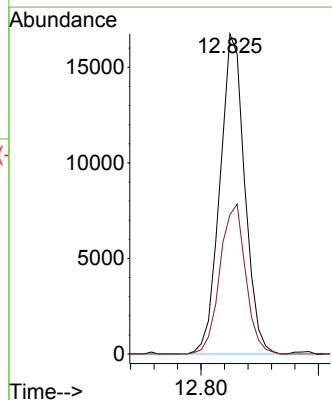
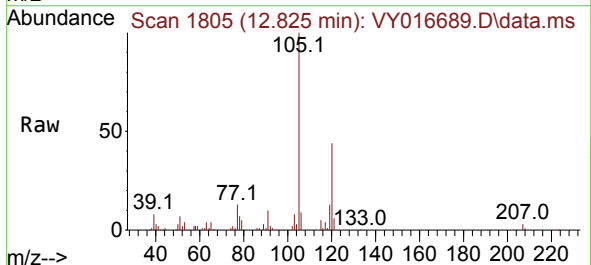
Instrument :
MSVOA_Y
ClientSampleId :

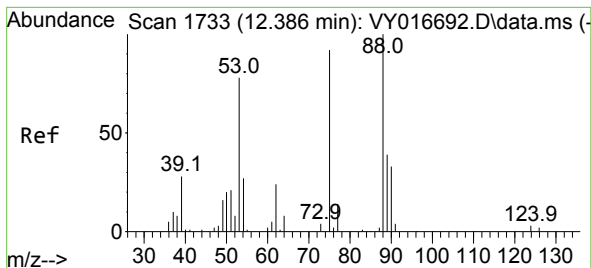
Tgt Ion: 91 Resp: 21804
Ion Ratio Lower Upper
91 100
126 36.5 18.0 54.0



#80
1,3,5-Trimethylbenzene
Concen: 4.294 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VY016689.D
Acq: 19 Dec 2023 10:56

Tgt Ion:105 Resp: 24497
Ion Ratio Lower Upper
105 100
120 48.5 25.2 75.6

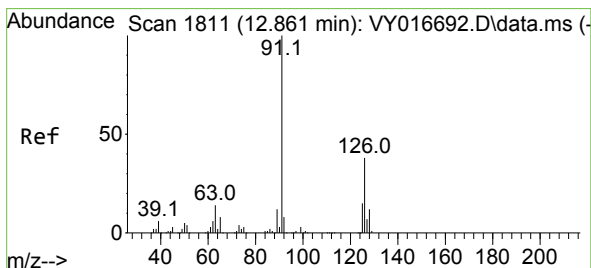
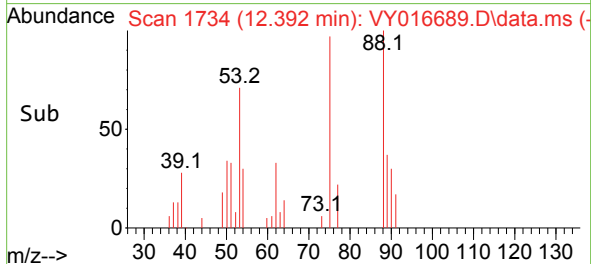
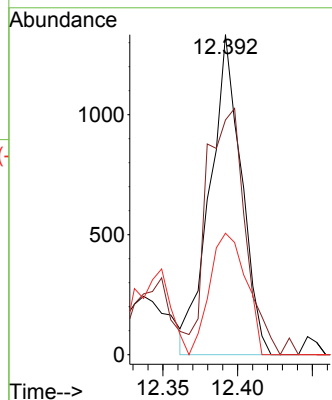
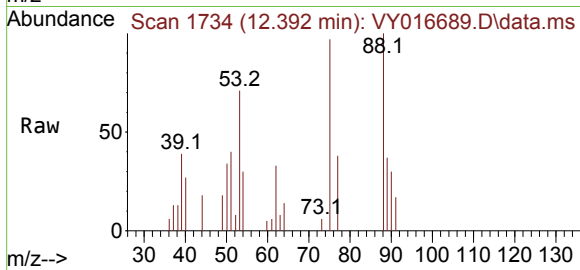




#81
trans-1,4-Dichloro-2-butene
Concen: 4.876 ug/l
RT: 12.392 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016689.D
Acq: 19 Dec 2023 10:56

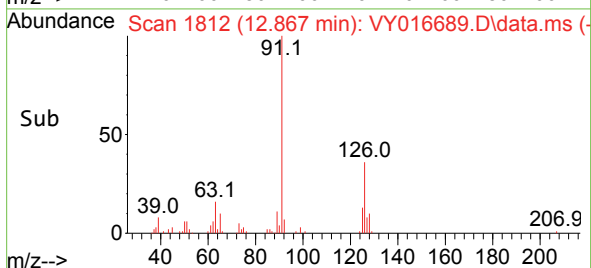
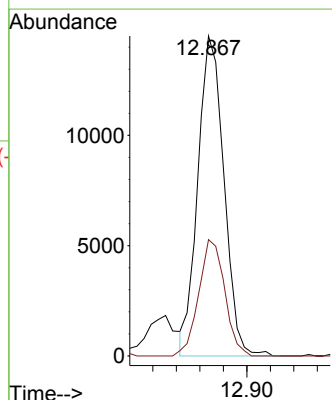
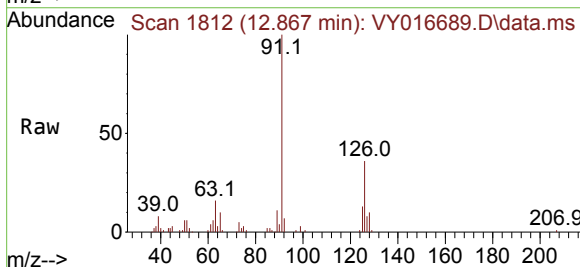
Instrument :
MSVOA_Y
ClientSampleId :

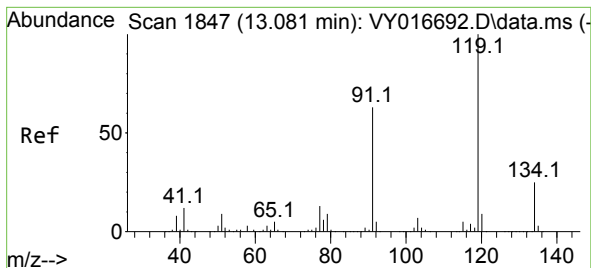
Tgt Ion: 75 Resp: 1945
Ion Ratio Lower Upper
75 100
53 94.3 62.9 94.3
89 43.6 35.8 53.8



#82
4-Chlorotoluene
Concen: 4.681 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY016689.D
Acq: 19 Dec 2023 10:56

Tgt Ion: 91 Resp: 22379
Ion Ratio Lower Upper
91 100
126 36.2 18.0 54.0





#83

tert-Butylbenzene

Concen: 4.345 ug/l

RT: 13.087 min Scan# 119

Delta R.T. 0.006 min

Lab File: VY016689.D

Acq: 19 Dec 2023 10:56

Instrument :

MSVOA_Y

ClientSampleId :

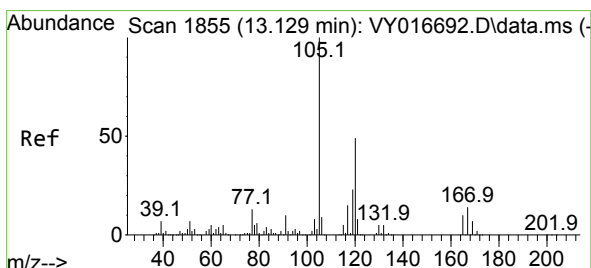
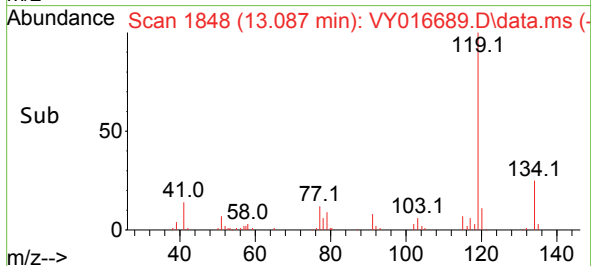
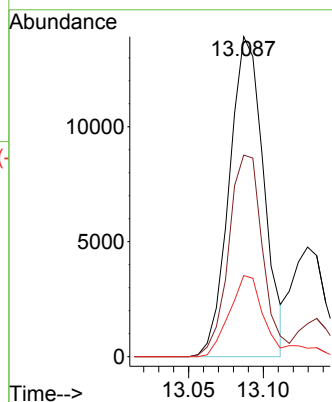
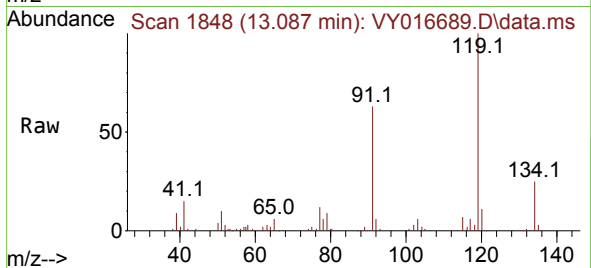
Tgt Ion:119 Resp: 22303

Ion Ratio Lower Upper

119 100

91 62.6 30.8 92.3

134 27.6 13.3 39.8



#84

1,2,4-Trimethylbenzene

Concen: 4.197 ug/l

RT: 13.136 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VY016689.D

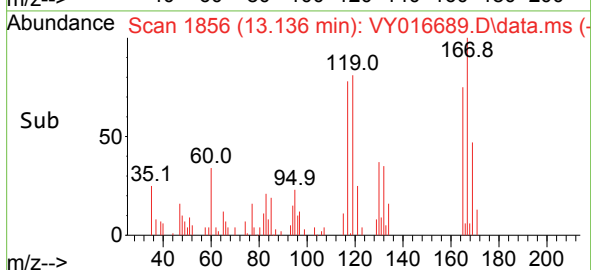
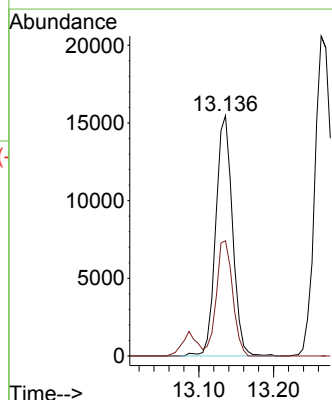
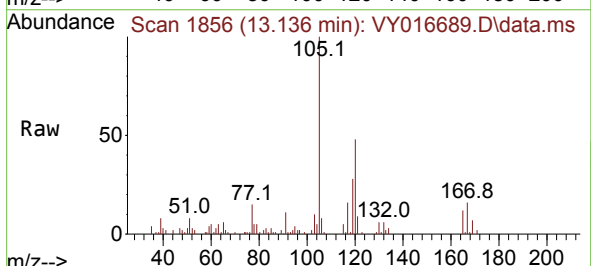
Acq: 19 Dec 2023 10:56

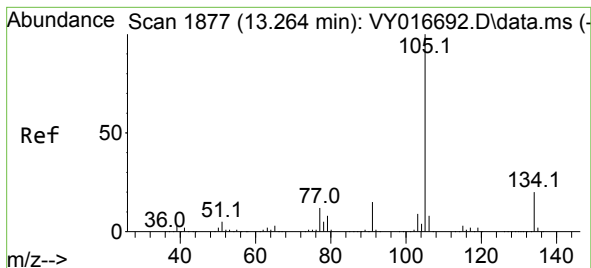
Tgt Ion:105 Resp: 24000

Ion Ratio Lower Upper

105 100

120 46.9 23.2 69.5





#85

sec-Butylbenzene

Concen: 4.352 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VY016689.D

Acq: 19 Dec 2023 10:56

Instrument :

MSVOA_Y

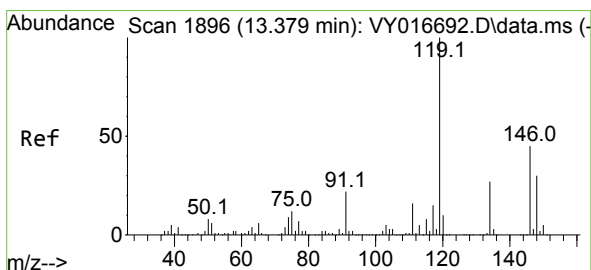
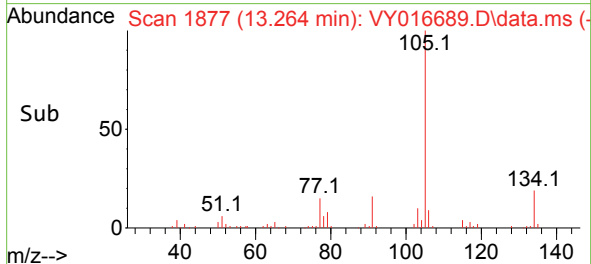
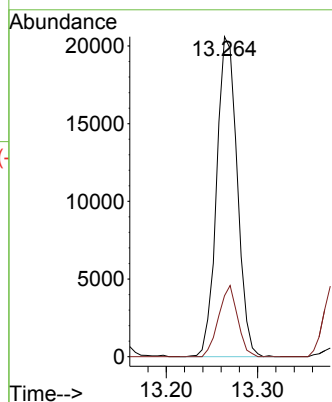
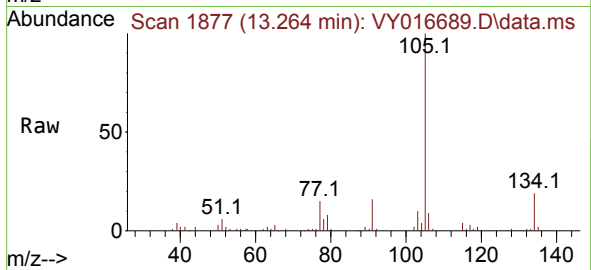
ClientSampleId :

Tgt Ion:105 Resp: 32217

Ion Ratio Lower Upper

105 100

134 20.5 10.4 31.1



#86

p-Isopropyltoluene

Concen: 4.171 ug/l

RT: 13.386 min Scan# 1897

Delta R.T. 0.006 min

Lab File: VY016689.D

Acq: 19 Dec 2023 10:56

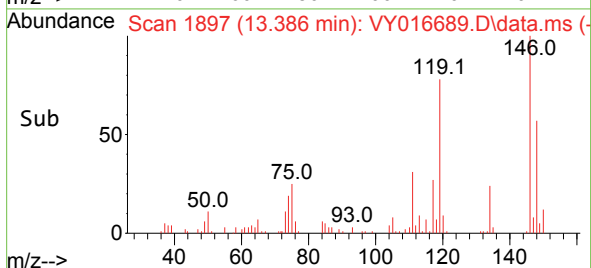
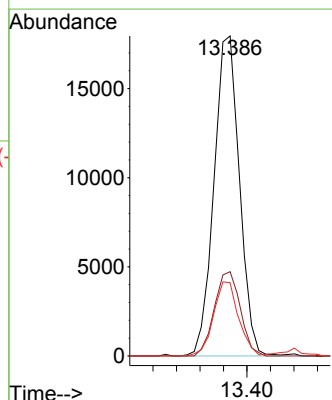
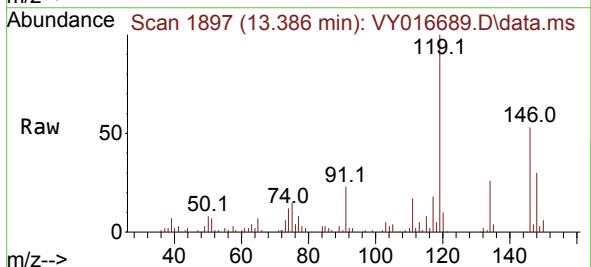
Tgt Ion:119 Resp: 26996

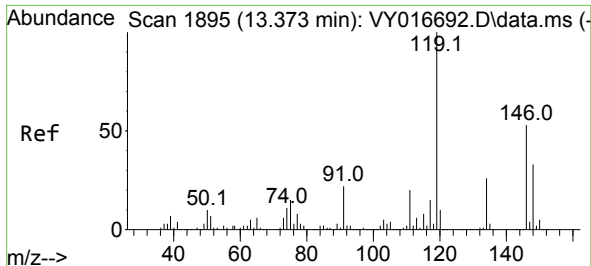
Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

91 22.9 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 4.778 ug/l

RT: 13.379 min Scan# 11

Delta R.T. 0.006 min

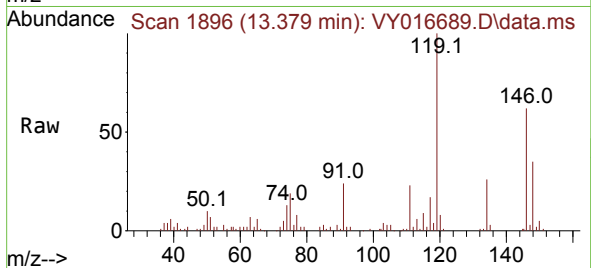
Lab File: VY016689.D

Acq: 19 Dec 2023 10:56

Instrument :

MSVOA_Y

ClientSampleId :



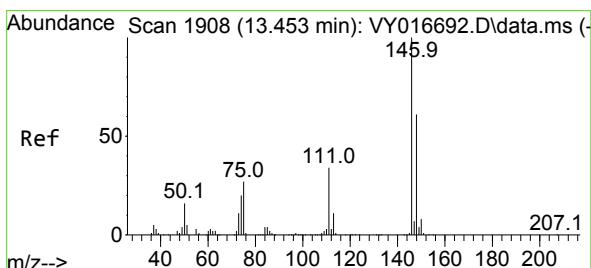
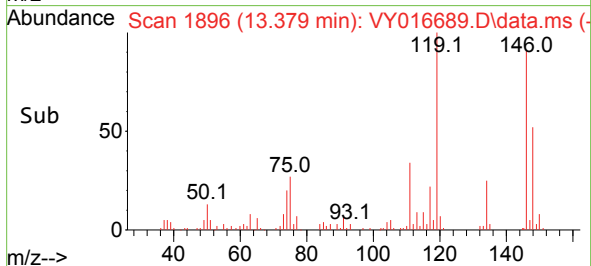
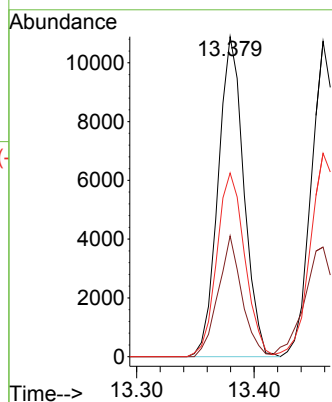
Tgt Ion:146 Resp: 16597

Ion Ratio Lower Upper

146 100

111 35.1 19.1 57.1

148 62.4 31.6 94.8



#88

1,4-Dichlorobenzene

Concen: 4.971 ug/l

RT: 13.459 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY016689.D

Acq: 19 Dec 2023 10:56

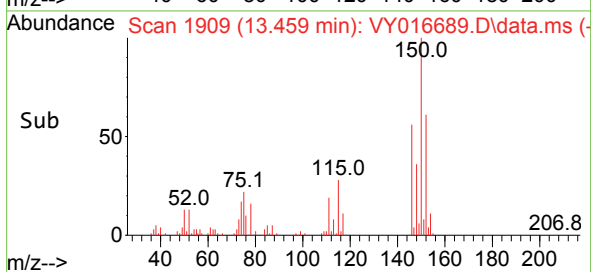
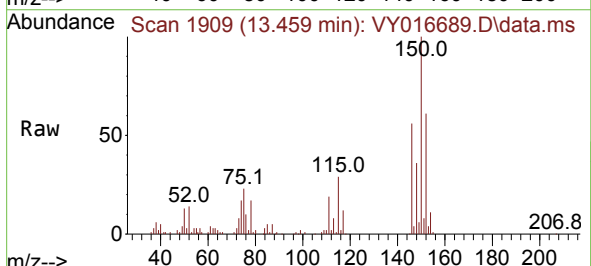
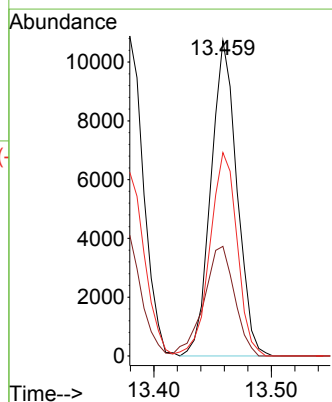
Tgt Ion:146 Resp: 16542

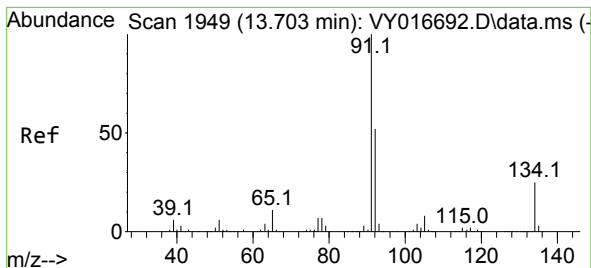
Ion Ratio Lower Upper

146 100

111 40.9 18.4 55.4

148 67.3 32.0 96.2





#89

n-Butylbenzene

Concen: 4.415 ug/l

RT: 13.709 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY016689.D

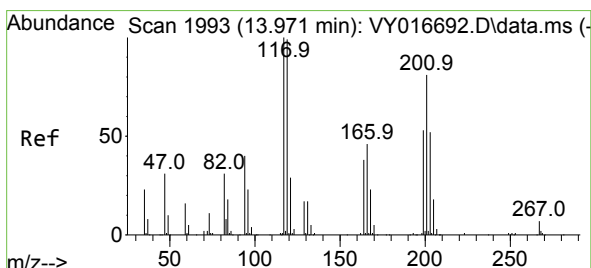
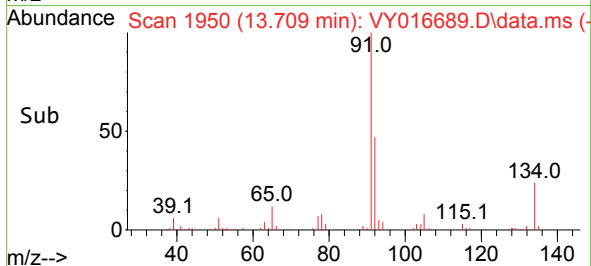
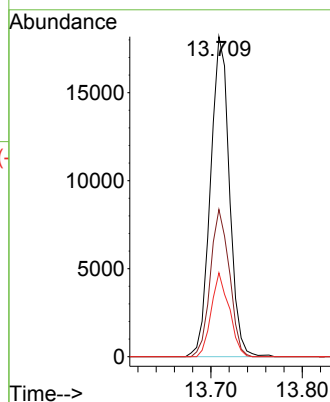
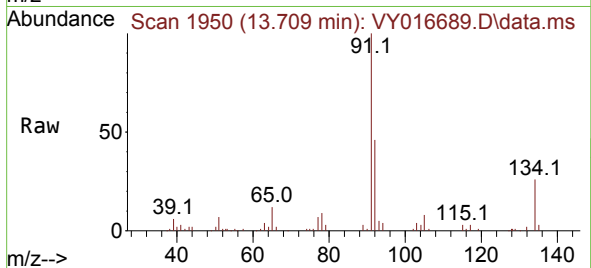
Acq: 19 Dec 2023 10:56

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 91	Resp: 26119
Ion Ratio	Lower Upper
91	100
92	46.1 26.5 79.5
134	24.8 13.7 41.1



#90

Hexachloroethane

Concen: 4.859 ug/l

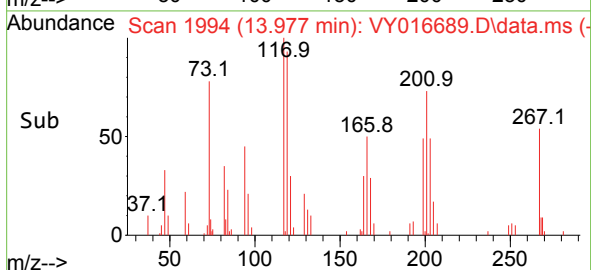
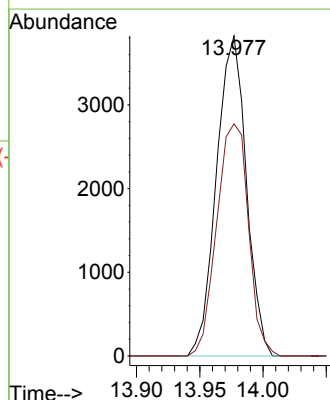
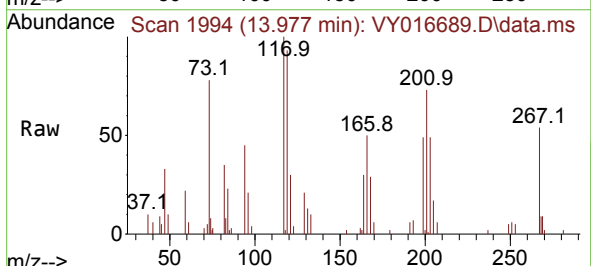
RT: 13.977 min Scan# 1994

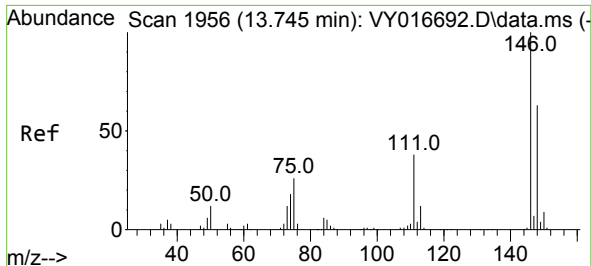
Delta R.T. 0.006 min

Lab File: VY016689.D

Acq: 19 Dec 2023 10:56

Tgt Ion: 117	Resp: 6267
Ion Ratio	Lower Upper
117	100
201	77.0 41.5 124.5





#91

1,2-Dichlorobenzene

Concen: 4.702 ug/l

RT: 13.751 min Scan# 1956

Delta R.T. 0.006 min

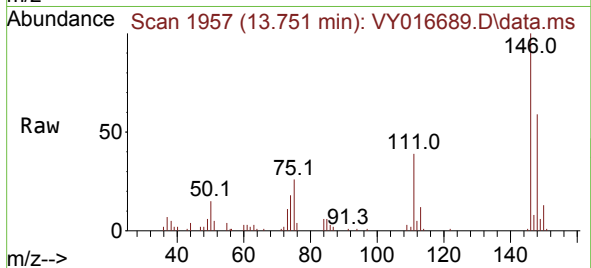
Lab File: VY016689.D

Acq: 19 Dec 2023 10:56

Instrument :

MSVOA_Y

ClientSampleId :



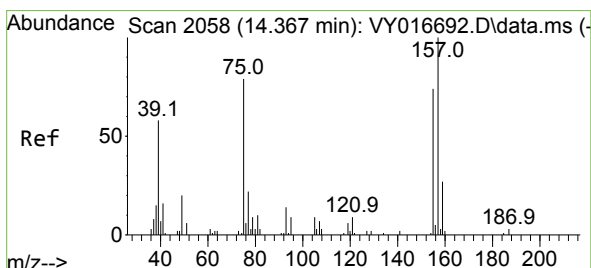
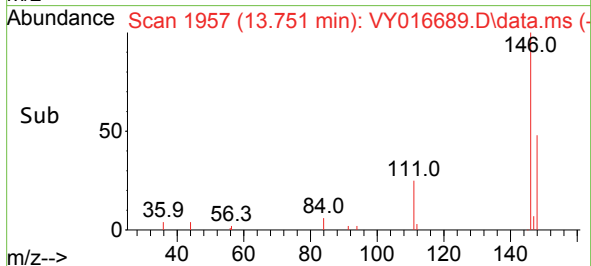
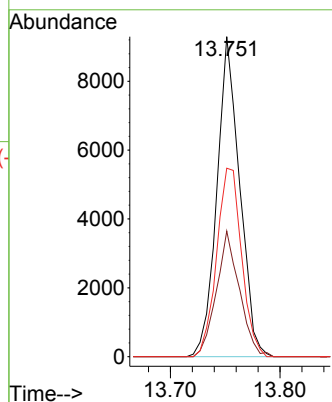
Tgt Ion:146 Resp: 13417

Ion Ratio Lower Upper

146 100

111 39.8 19.5 58.5

148 64.5 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.822 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. -0.006 min

Lab File: VY016689.D

Acq: 19 Dec 2023 10:56

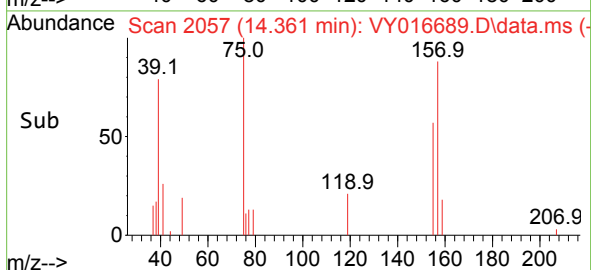
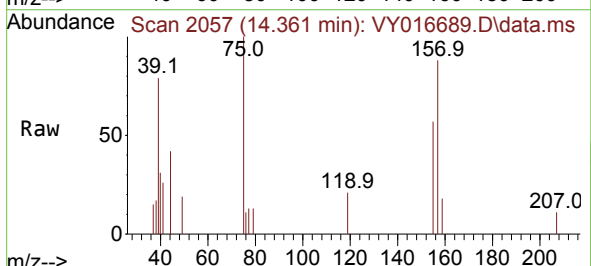
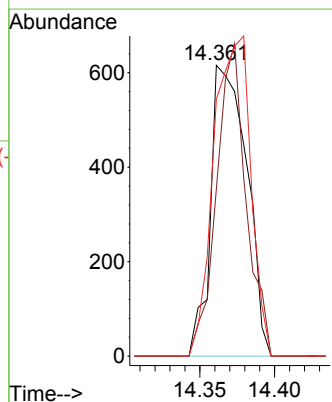
Tgt Ion: 75 Resp: 1034

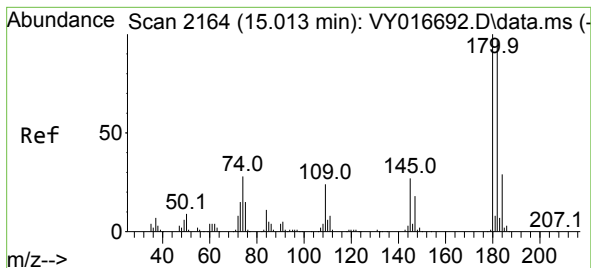
Ion Ratio Lower Upper

75 100

155 87.9 49.4 148.2

157 112.1 64.4 193.2





#93

1,2,4-Trichlorobenzene

Concen: 4.811 ug/l

RT: 15.026 min Scan# 2166

Delta R.T. 0.012 min

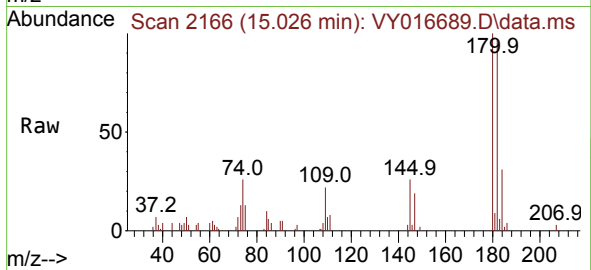
Lab File: VY016689.D

Acq: 19 Dec 2023 10:56

Instrument :

MSVOA_Y

ClientSampleId :



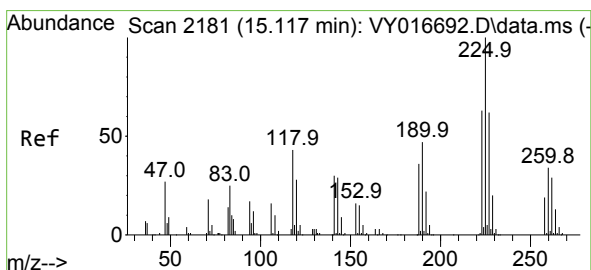
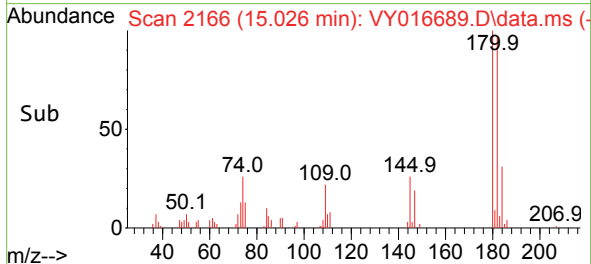
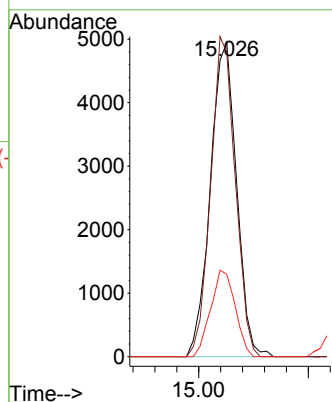
Tgt Ion:180 Resp: 8206

Ion Ratio Lower Upper

180 100

182 95.2 47.6 142.9

145 25.7 14.8 44.4



#94

Hexachlorobutadiene

Concen: 4.895 ug/l

RT: 15.129 min Scan# 2183

Delta R.T. 0.012 min

Lab File: VY016689.D

Acq: 19 Dec 2023 10:56

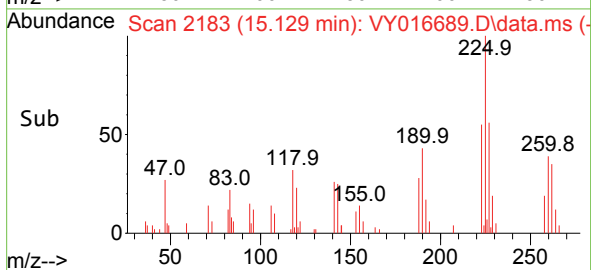
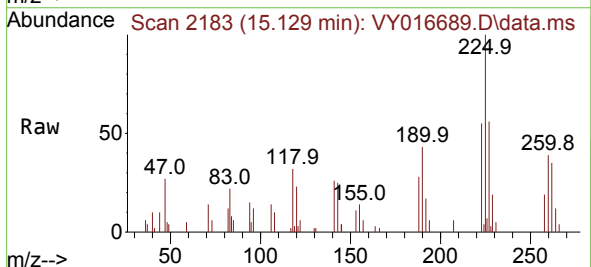
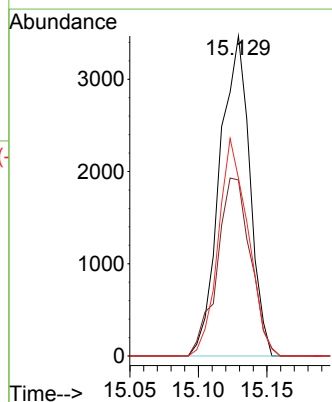
Tgt Ion:225 Resp: 5278

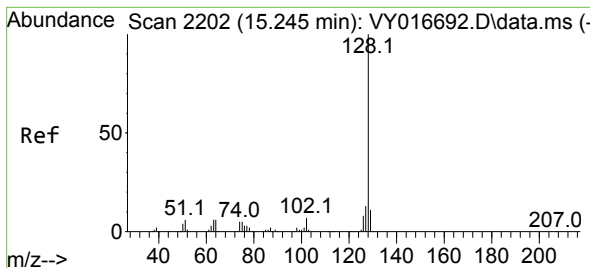
Ion Ratio Lower Upper

225 100

223 62.0 31.4 94.2

227 67.2 31.9 95.9





#95

Naphthalene

Concen: 4.520 ug/l

RT: 15.251 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY016689.D

Acq: 19 Dec 2023 10:56

Instrument :

MSVOA_Y

ClientSampleId :

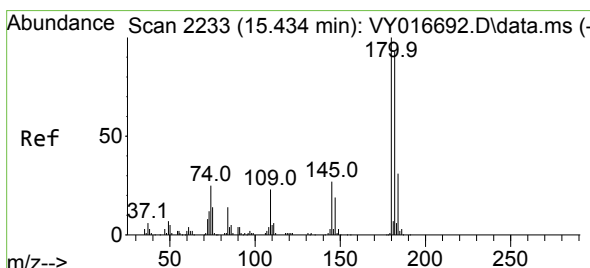
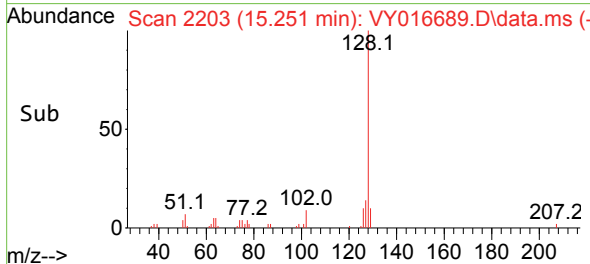
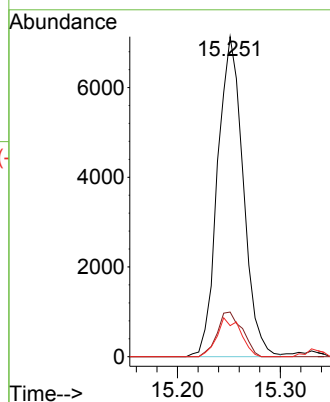
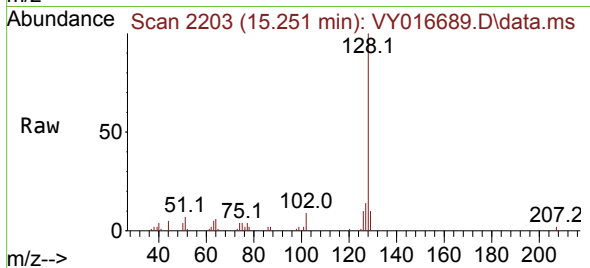
Tgt Ion:128 Resp: 12343

Ion Ratio Lower Upper

128 100

127 13.7 10.1 15.1

129 11.3 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 4.833 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY016689.D

Acq: 19 Dec 2023 10:56

Tgt Ion:180 Resp: 6973

Ion Ratio Lower Upper

180 100

182 95.5 47.3 141.8

145 26.3 15.5 46.5

