

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101623\
 Data File : VY015977.D
 Acq On : 16 Oct 2023 10:57
 Operator : SY/MD
 Sample : VY1016SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 17 05:40:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 13:13:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	210203	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	340834	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	320464	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	162828	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	120443	50.206	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.420%	
35) Dibromofluoromethane	7.728	113	111162	51.806	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.620%	
50) Toluene-d8	10.185	98	424028	52.769	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.540%	
62) 4-Bromofluorobenzene	12.489	95	151164	52.830	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.660%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.912	85	31124	17.696	ug/l	99
3) Chloromethane	2.119	50	49643	15.001	ug/l	98
4) Vinyl Chloride	2.259	62	45427	20.190	ug/l	95
5) Bromomethane	2.668	94	30573	24.023	ug/l	97
6) Chloroethane	2.808	64	27243	18.736	ug/l	92
7) Trichlorofluoromethane	3.131	101	81771	21.427	ug/l	98
8) Diethyl Ether	3.540	74	28030	19.652	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.899	101	43694	20.136	ug/l	95
10) Methyl Iodide	4.094	142	53093	21.277	ug/l	99
11) Tert butyl alcohol	4.942	59	40889	29.377	ug/l #	89
12) 1,1-Dichloroethene	3.875	96	41419	20.261	ug/l	95
13) Acrolein	3.759	56	48189	106.357	ug/l	100
14) Allyl chloride	4.485	41	66540	20.143	ug/l	92
15) Acrylonitrile	5.204	53	124504	99.089	ug/l	94
16) Acetone	4.009	43	139113	99.826	ug/l	93
17) Carbon Disulfide	4.198	76	125686	20.116	ug/l	98
18) Methyl Acetate	4.521	43	79462	16.439	ug/l #	89
19) Methyl tert-butyl Ether	5.253	73	131938	19.253	ug/l	98
20) Methylene Chloride	4.722	84	52005	16.787	ug/l	88
21) trans-1,2-Dichloroethene	5.228	96	47449	19.858	ug/l	93
22) Diisopropyl ether	6.149	45	140645	20.503	ug/l	99
23) Vinyl Acetate	6.088	43	432133	95.759	ug/l #	94
24) 1,1-Dichloroethane	6.033	63	81594	19.992	ug/l	96
25) 2-Butanone	7.033	43	174245	85.911	ug/l	96
26) 2,2-Dichloropropane	6.996	77	66973	19.761	ug/l	97
27) cis-1,2-Dichloroethene	7.002	96	53342	19.854	ug/l	92
28) Bromochloromethane	7.350	49	38266	21.010	ug/l	93
29) Tetrahydrofuran	7.380	42	131722	94.744	ug/l	96
30) Chloroform	7.521	83	85499	20.183	ug/l	94
31) Cyclohexane	7.795	56	74517	19.513	ug/l	91
32) 1,1,1-Trichloroethane	7.710	97	75867	20.137	ug/l	98
36) 1,1-Dichloropropene	7.929	75	65671	20.284	ug/l	99
37) Ethyl Acetate	7.100	43	74302	14.874	ug/l	98
38) Carbon Tetrachloride	7.911	117	67600	19.826	ug/l	96
39) Methylcyclohexane	9.191	83	80291	19.329	ug/l	94
40) Benzene	8.173	78	189826	20.264	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	28609	17.369	ug/l #	88
42) 1,2-Dichloroethane	8.252	62	58140	19.342	ug/l	93
43) Isopropyl Acetate	8.295	43	103106	19.212	ug/l	92
44) Trichloroethene	8.947	130	59448	20.593	ug/l	97
45) 1,2-Dichloropropane	9.228	63	48297	20.205	ug/l	98
46) Dibromomethane	9.319	93	33137	19.722	ug/l	96
47) Bromodichloromethane	9.508	83	68144	20.085	ug/l	99
48) Methyl methacrylate	9.307	41	44777	18.889	ug/l #	84
49) 1,4-Dioxane	9.398	88	16702	356.445	ug/l #	56
51) 4-Methyl-2-Pentanone	10.081	43	439675	111.166	ug/l	91
52) Toluene	10.252	92	124086	20.718	ug/l	95
53) t-1,3-Dichloropropene	10.477	75	76417	20.087	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	83691	20.465	ug/l #	88
55) 1,1,2-Trichloroethane	10.654	97	49628	20.746	ug/l	95
56) Ethyl methacrylate	10.520	69	75094	20.052	ug/l #	87
57) 1,3-Dichloropropane	10.801	76	81298	20.033	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.795	63	202669	123.327	ug/l	100
59) 2-Hexanone	10.843	43	374097	110.806	ug/l	88
60) Dibromochloromethane	10.996	129	55076	20.246	ug/l	99
61) 1,2-Dibromoethane	11.099	107	52704	20.361	ug/l	98
64) Tetrachloroethene	10.727	164	53565	19.174	ug/l	99
65) Chlorobenzene	11.526	112	135810	20.226	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	50278	20.228	ug/l	99
67) Ethyl Benzene	11.599	91	235904	20.093	ug/l	100
68) m/p-Xylenes	11.709	106	185267	40.889	ug/l	95
69) o-Xylene	12.038	106	89105	20.570	ug/l	95
70) Styrene	12.050	104	152453	20.679	ug/l	96
71) Bromoform	12.215	173	41938	19.813	ug/l #	99
73) Isopropylbenzene	12.337	105	229897	19.944	ug/l	100
74) N-amyl acetate	12.154	43	95236	20.451	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.587	83	69270	19.565	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	102825	32.268	ug/l #	100
77) Bromobenzene	12.617	156	57920	20.016	ug/l	89
78) n-propylbenzene	12.678	91	283324	20.213	ug/l	100
79) 2-Chlorotoluene	12.764	91	159432	20.110	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	193199	20.174	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	27086	20.023	ug/l	95
82) 4-Chlorotoluene	12.861	91	165735	20.340	ug/l	99
83) tert-Butylbenzene	13.081	119	165929	19.718	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	196130	20.403	ug/l	98
85) sec-Butylbenzene	13.257	105	251612	20.147	ug/l	99
86) p-Isopropyltoluene	13.373	119	211664	20.282	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	112830	20.304	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	115103	20.512	ug/l	99
89) n-Butylbenzene	13.703	91	200155	20.395	ug/l	97
90) Hexachloroethane	13.971	117	40259	20.127	ug/l	88
91) 1,2-Dichlorobenzene	13.745	146	106200	20.369	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	20839	20.575	ug/l	88
93) 1,2,4-Trichlorobenzene	15.013	180	67883	19.808	ug/l	97
94) Hexachlorobutadiene	15.117	225	35367	20.326	ug/l	98
95) Naphthalene	15.245	128	224097	20.157	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	66056	20.105	ug/l	98

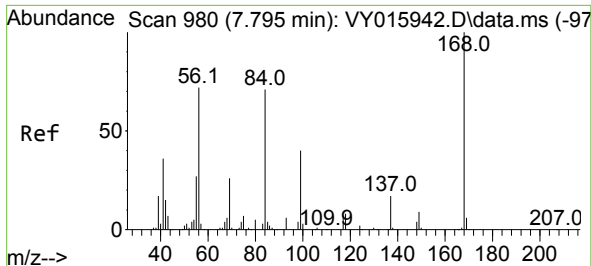
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101623\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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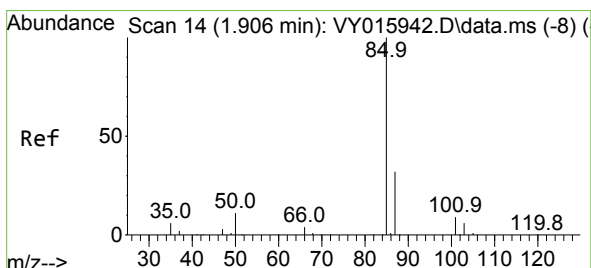
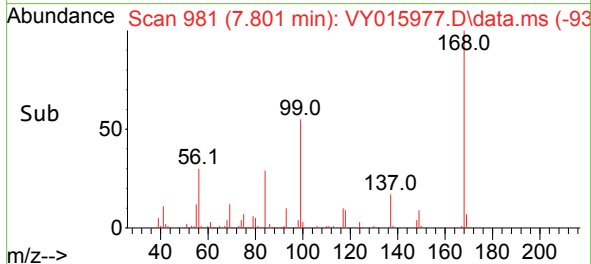
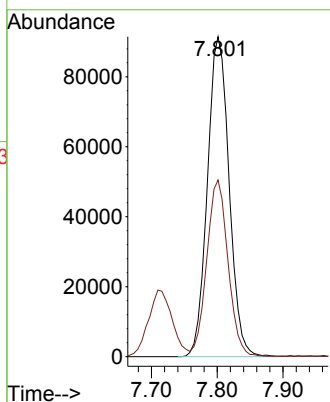
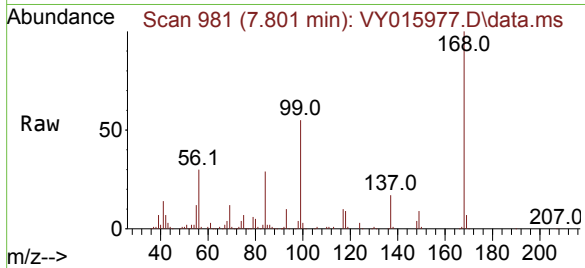
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015977.D
Acq: 16 Oct 2023 10:57

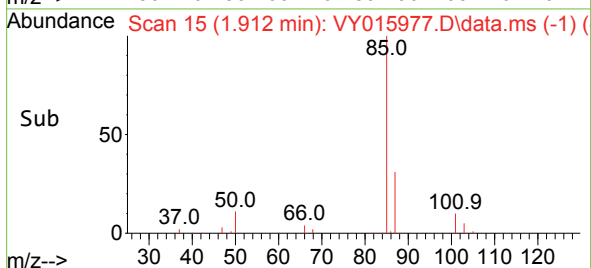
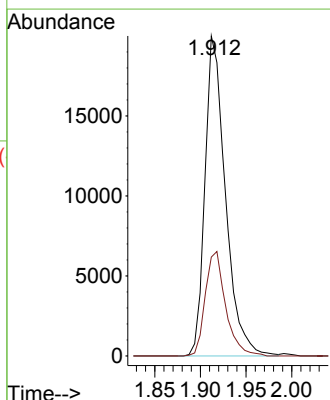
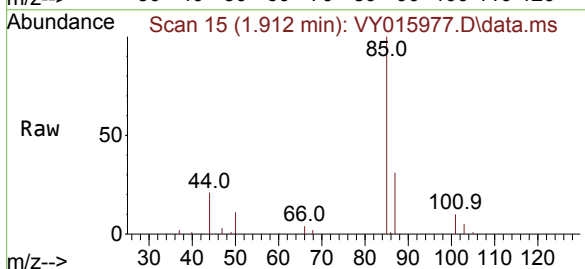
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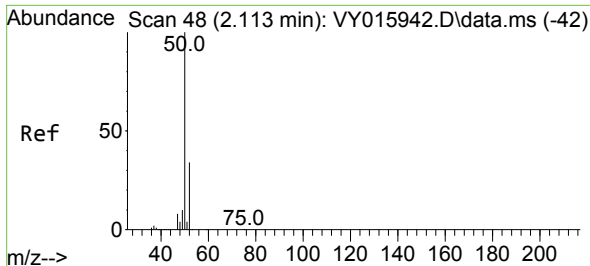
Tgt Ion:168 Resp: 210203
Ion Ratio Lower Upper
168 100
99 55.1 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 17.696 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY015977.D
Acq: 16 Oct 2023 10:57

Tgt Ion: 85 Resp: 31124
Ion Ratio Lower Upper
85 100
87 30.9 15.6 46.8

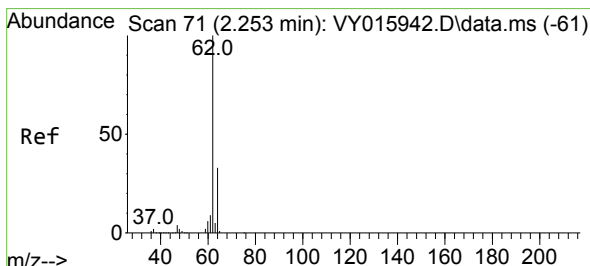
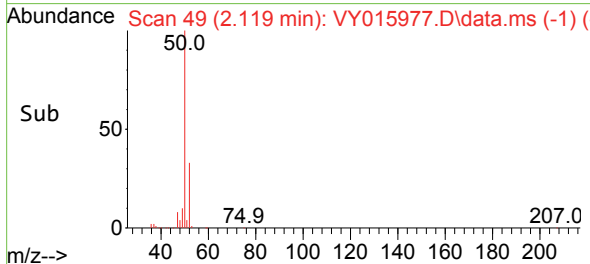
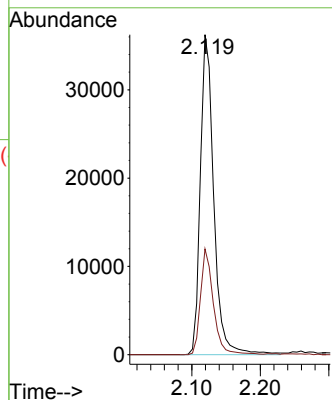
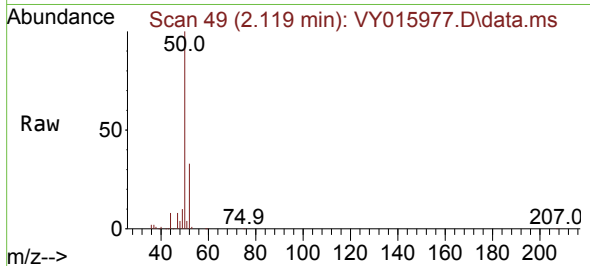




#3
Chloromethane
Concen: 15.001 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY015977.D
Acq: 16 Oct 2023 10:57

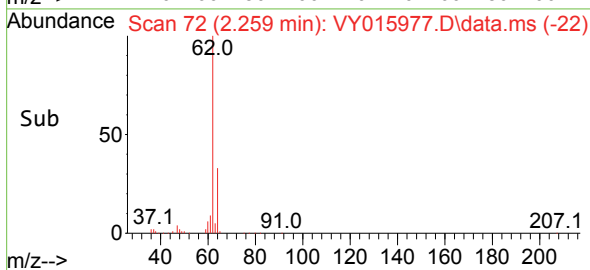
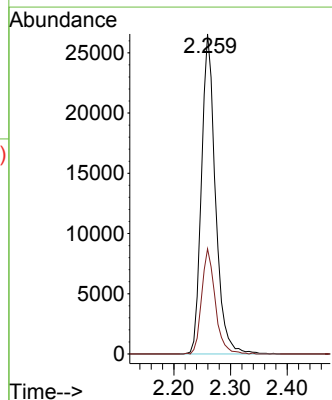
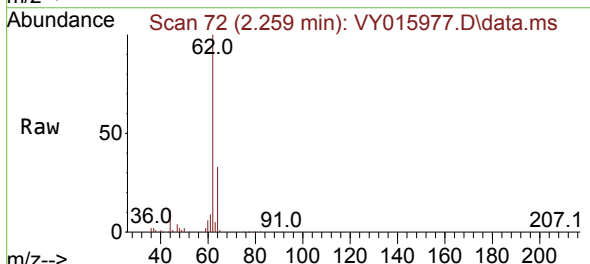
Instrument :
MSVOA_Y
ClientSampleId :

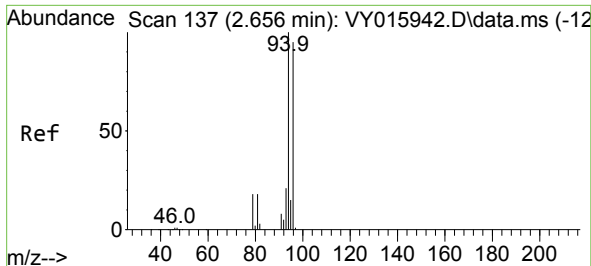
Tgt Ion: 50 Resp: 49643
Ion Ratio Lower Upper
50 100
52 33.1 25.4 38.2



#4
Vinyl Chloride
Concen: 20.190 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY015977.D
Acq: 16 Oct 2023 10:57

Tgt Ion: 62 Resp: 45427
Ion Ratio Lower Upper
62 100
64 32.9 24.3 36.5





#5

Bromomethane

Concen: 24.023 ug/l

RT: 2.668 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY015977.D

Acq: 16 Oct 2023 10:57

Instrument :

MSVOA_Y

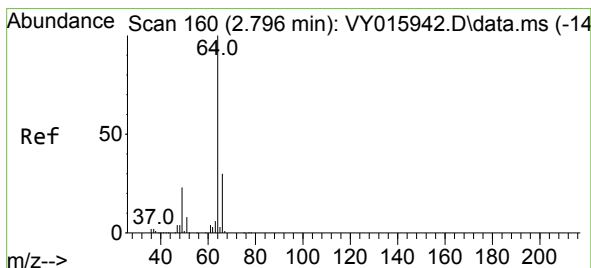
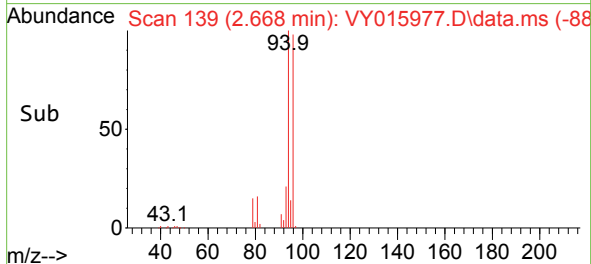
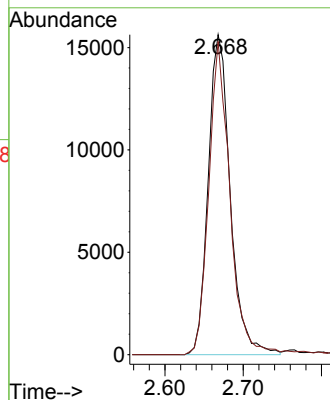
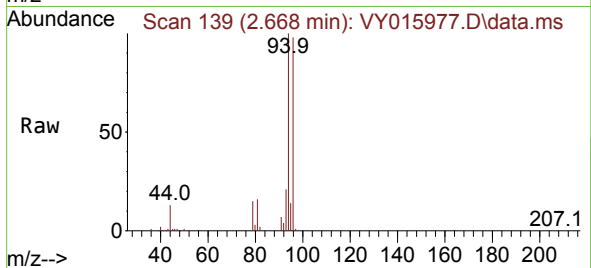
ClientSampleId :

Tgt Ion: 94 Resp: 30573

Ion Ratio Lower Upper

94 100

96 97.9 75.8 113.6



#6

Chloroethane

Concen: 18.736 ug/l

RT: 2.808 min Scan# 162

Delta R.T. 0.012 min

Lab File: VY015977.D

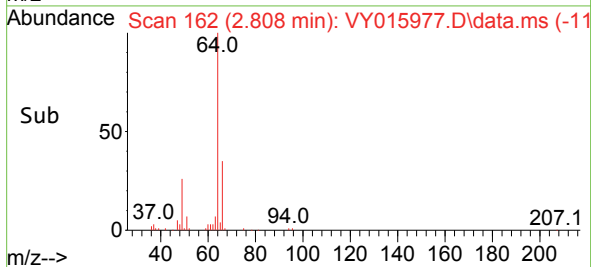
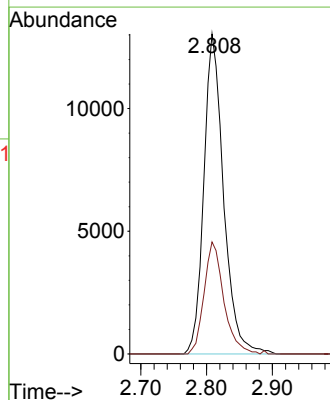
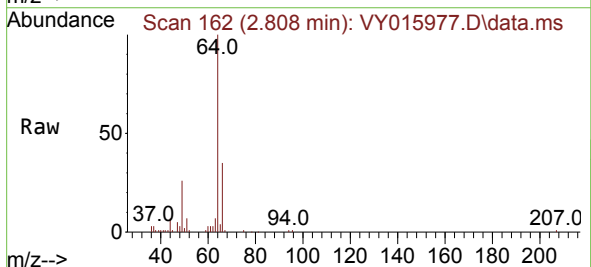
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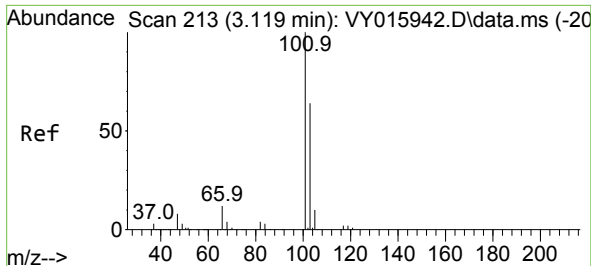
Tgt Ion: 64 Resp: 27243

Ion Ratio Lower Upper

64 100

66 35.0 24.4 36.6

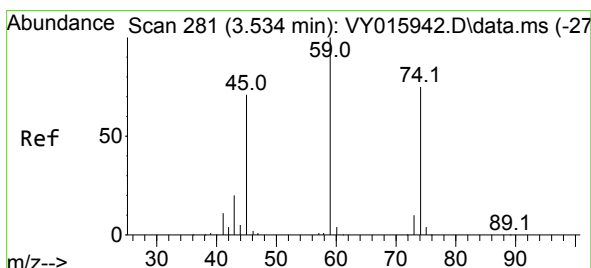
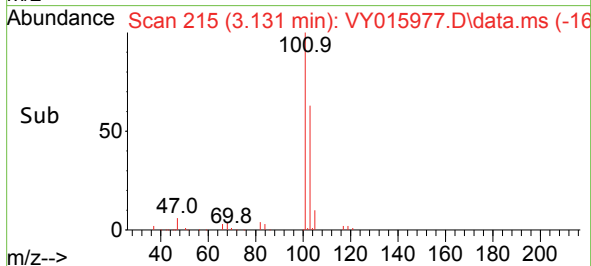
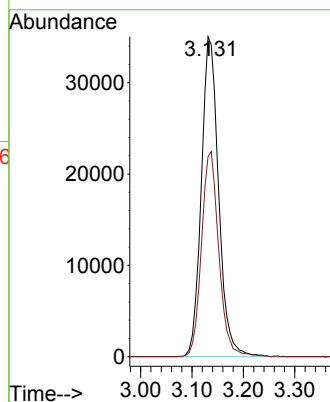
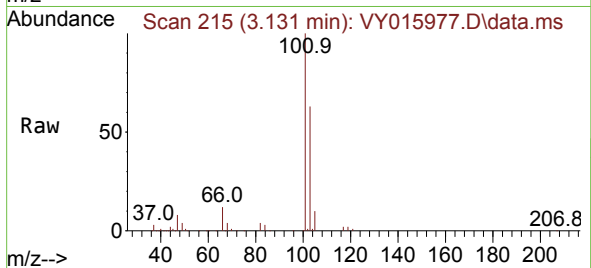




#7
Trichlorofluoromethane
Concen: 21.427 ug/l
RT: 3.131 min Scan# 213
Delta R.T. 0.012 min
Lab File: VY015977.D
Acq: 16 Oct 2023 10:57

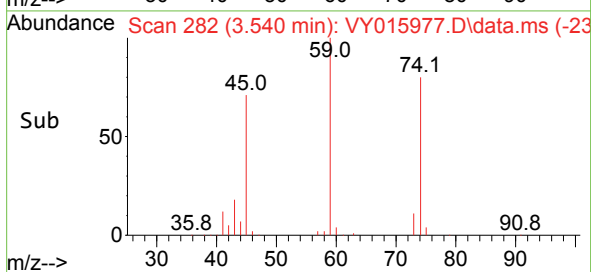
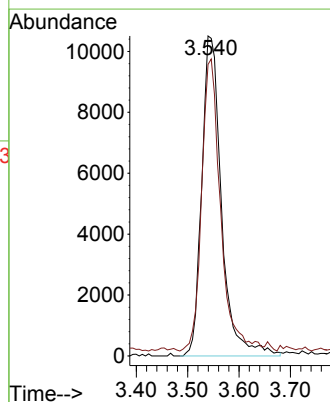
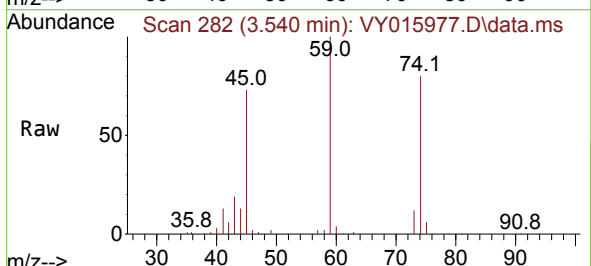
Instrument :
MSVOA_Y
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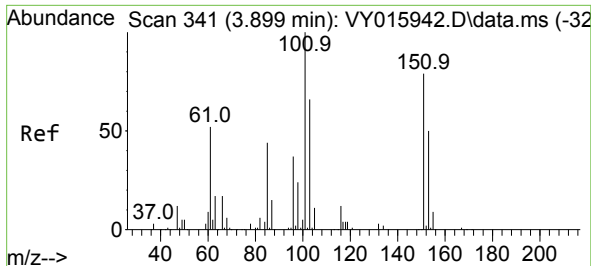
Tgt Ion:101 Resp: 81771
Ion Ratio Lower Upper
101 100
103 62.5 51.4 77.0



#8
Diethyl Ether
Concen: 19.652 ug/l
RT: 3.540 min Scan# 282
Delta R.T. 0.006 min
Lab File: VY015977.D
Acq: 16 Oct 2023 10:57

Tgt Ion: 74 Resp: 28030
Ion Ratio Lower Upper
74 100
45 87.3 51.5 154.5

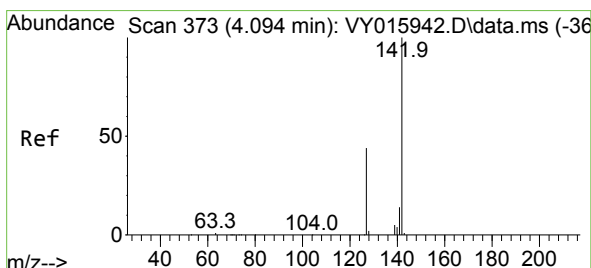
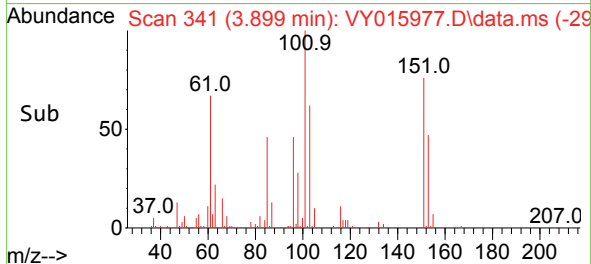
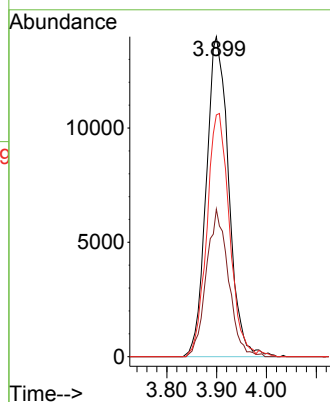
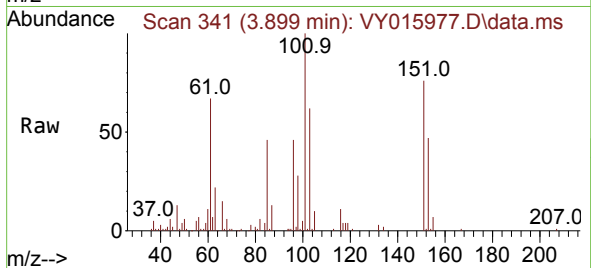




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.136 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY015977.D
Acq: 16 Oct 2023 10:57

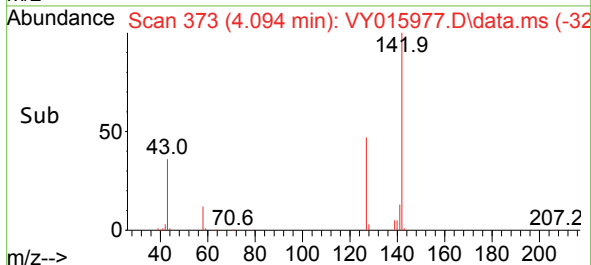
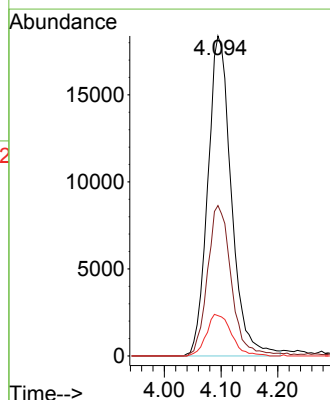
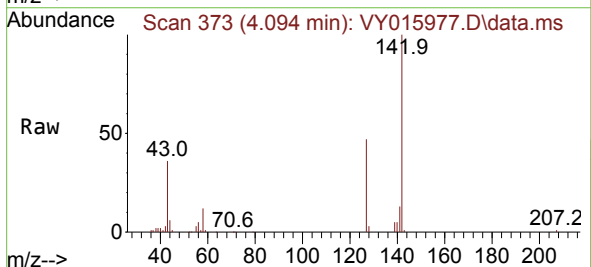
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MSVOA_Y
ClientSampleId :

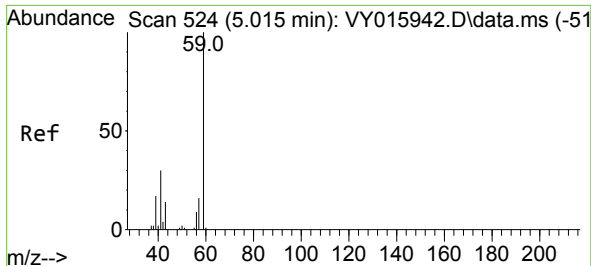
Tgt Ion:101 Resp: 43694
Ion Ratio Lower Upper
101 100
85 45.4 36.6 55.0
151 76.5 67.0 100.6



#10
Methyl Iodide
Concen: 21.277 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.000 min
Lab File: VY015977.D
Acq: 16 Oct 2023 10:57

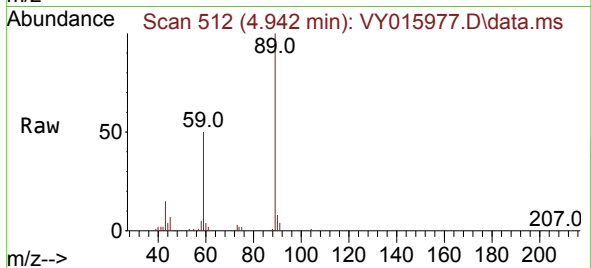
Tgt Ion:142 Resp: 53093
Ion Ratio Lower Upper
142 100
127 47.7 37.6 56.4
141 13.8 11.8 17.8



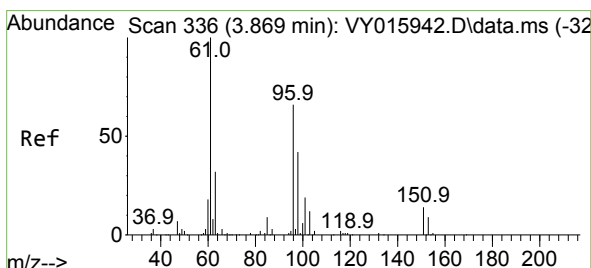
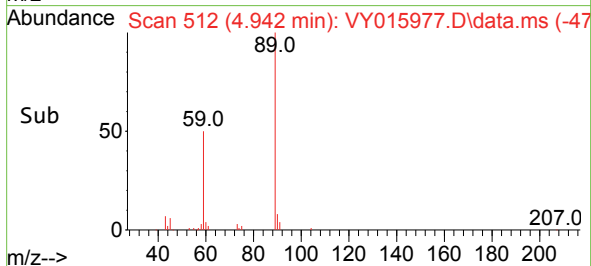
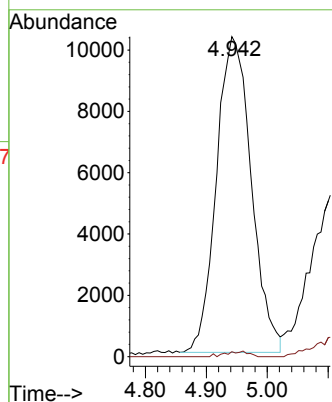


#11
Tert butyl alcohol
Concen: 29.377 ug/l
RT: 4.942 min Scan# 51
Delta R.T. -0.073 min
Lab File: VY015977.D
Acq: 16 Oct 2023 10:57

Instrument :
MSVOA_Y
ClientSampleId :

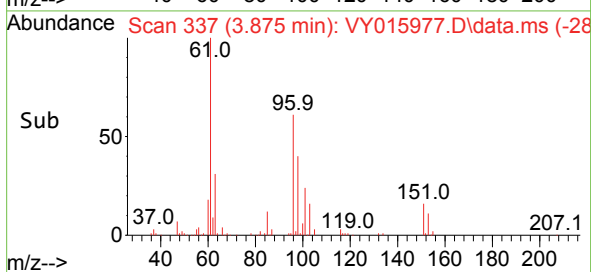
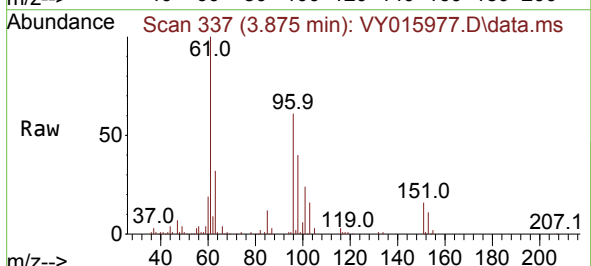
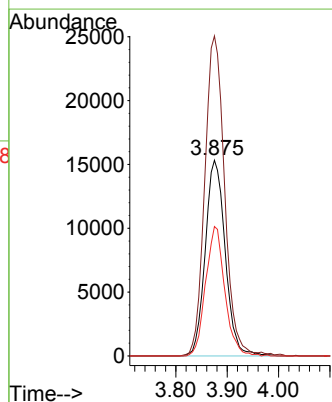


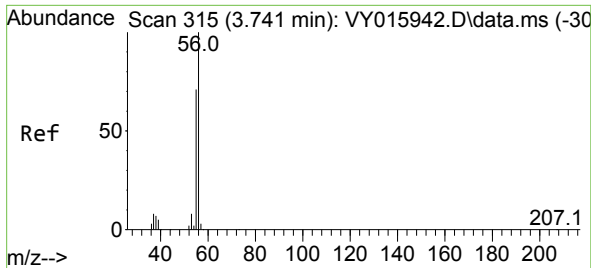
Tgt Ion: 59 Resp: 40889
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 20.261 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.006 min
Lab File: VY015977.D
Acq: 16 Oct 2023 10:57

Tgt Ion: 96 Resp: 41419
Ion Ratio Lower Upper
96 100
61 163.6 136.4 204.6
98 66.2 49.4 74.2

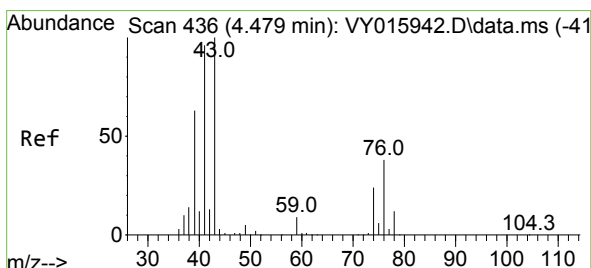
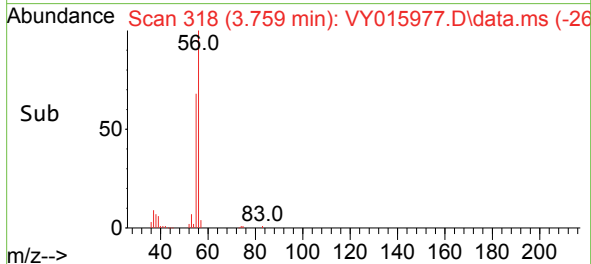
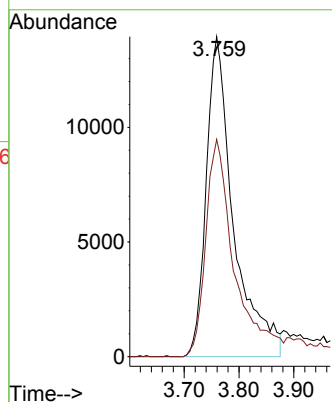
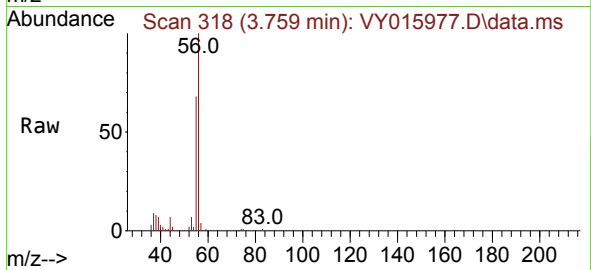




#13
Acrolein
Concen: 106.357 ug/l
RT: 3.759 min Scan# 315
Delta R.T. 0.018 min
Lab File: VY015977.D
Acq: 16 Oct 2023 10:57

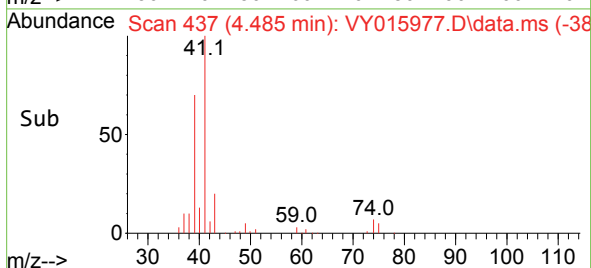
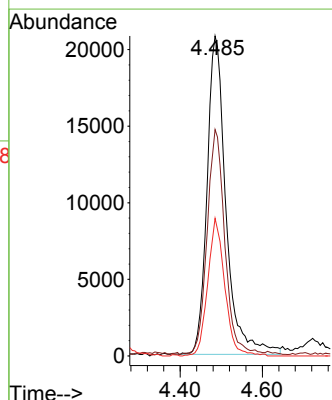
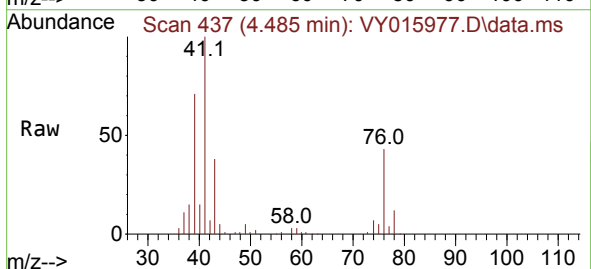
Instrument :
MSVOA_Y
ClientSampleId :

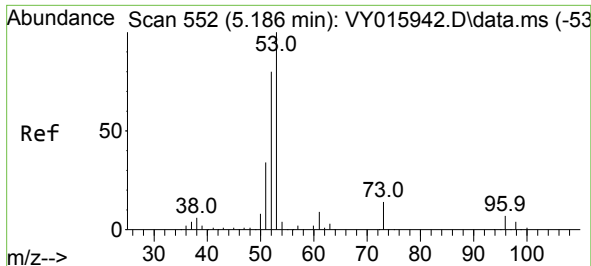
Tgt Ion: 56 Resp: 48189
Ion Ratio Lower Upper
56 100
55 71.2 57.0 85.4



#14
Allyl chloride
Concen: 20.143 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY015977.D
Acq: 16 Oct 2023 10:57

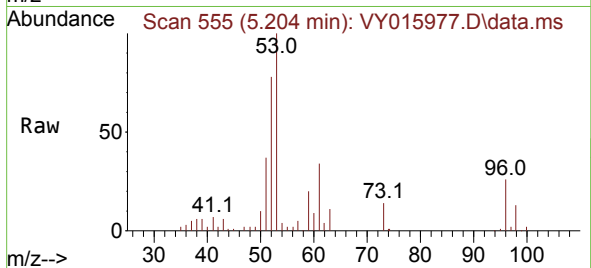
Tgt Ion: 41 Resp: 66540
Ion Ratio Lower Upper
41 100
39 66.2 58.0 87.0
76 38.9 27.4 41.2



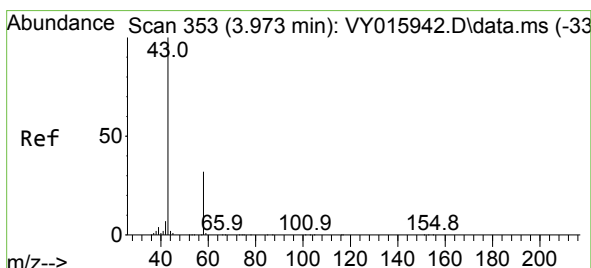
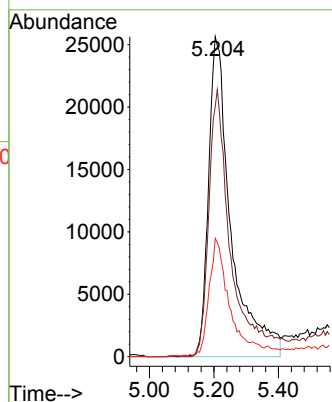
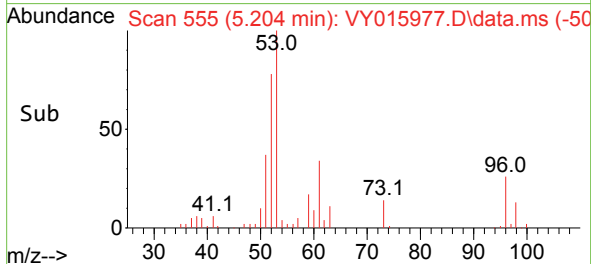


#15
Acrylonitrile
Concen: 99.089 ug/l
RT: 5.204 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY015977.D
Acq: 16 Oct 2023 10:57

Instrument :
MSVOA_Y
ClientSampleId :

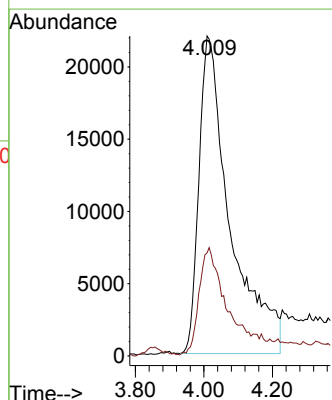
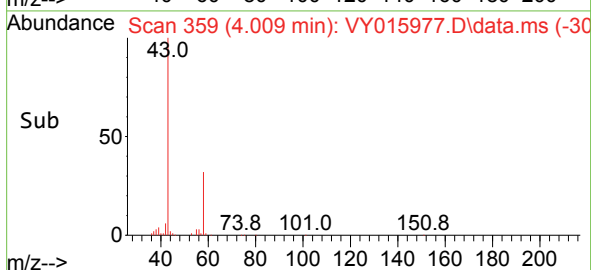
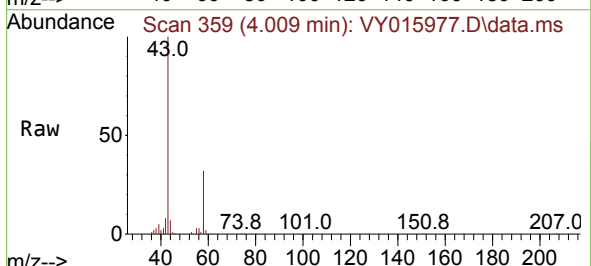


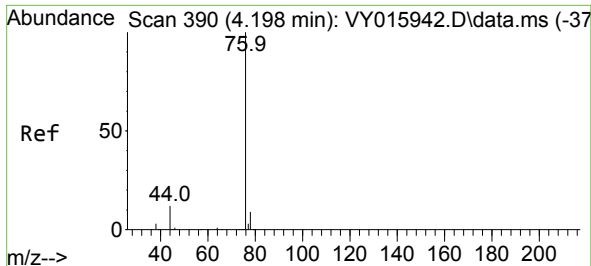
Tgt Ion: 53 Resp: 124504
Ion Ratio Lower Upper
53 100
52 77.9 66.9 100.3
51 33.2 29.8 44.6



#16
Acetone
Concen: 99.826 ug/l
RT: 4.009 min Scan# 359
Delta R.T. 0.037 min
Lab File: VY015977.D
Acq: 16 Oct 2023 10:57

Tgt Ion: 43 Resp: 139113
Ion Ratio Lower Upper
43 100
58 32.1 22.7 34.1

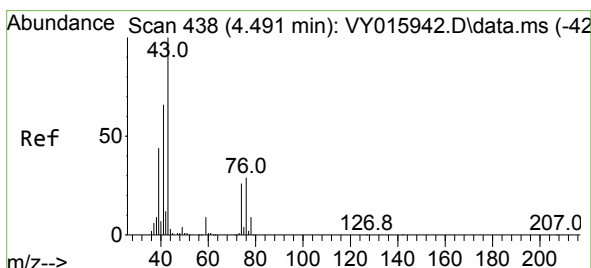
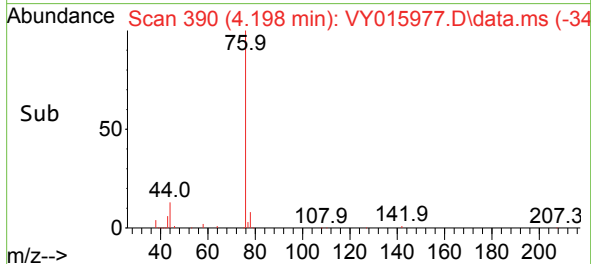
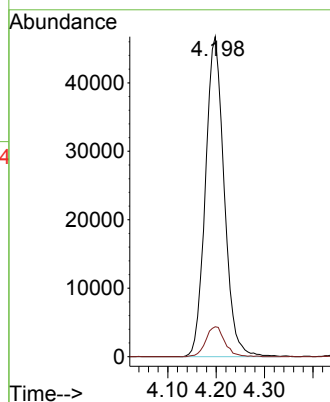
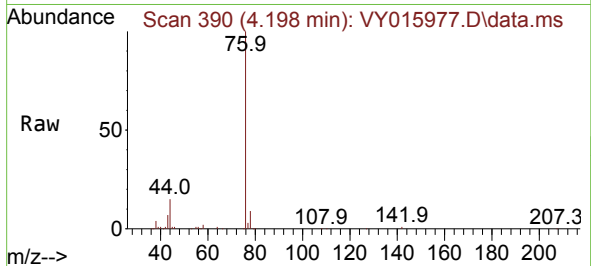




#17
Carbon Disulfide
Concen: 20.116 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY015977.D
Acq: 16 Oct 2023 10:57

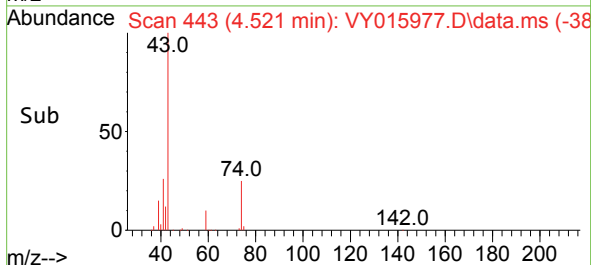
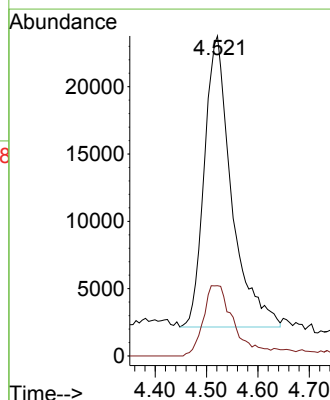
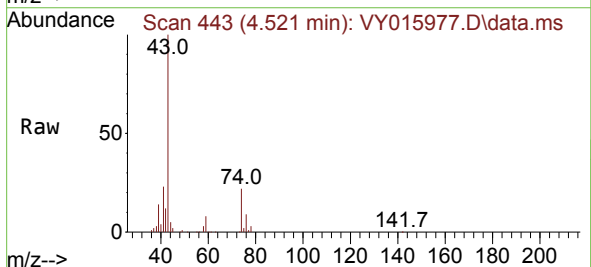
Instrument :
MSVOA_Y
ClientSampleId :

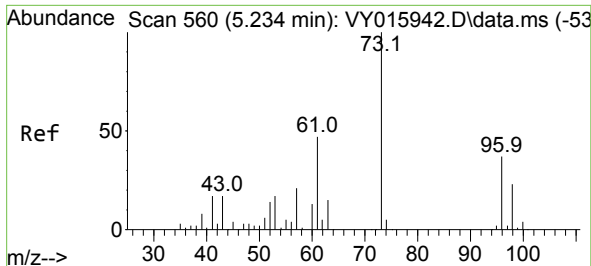
Tgt Ion: 76 Resp: 125686
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4



#18
Methyl Acetate
Concen: 16.439 ug/l
RT: 4.521 min Scan# 443
Delta R.T. 0.031 min
Lab File: VY015977.D
Acq: 16 Oct 2023 10:57

Tgt Ion: 43 Resp: 79462
Ion Ratio Lower Upper
43 100
74 27.1 17.4 26.0#





#19

Methyl tert-butyl Ether

Concen: 19.253 ug/l

RT: 5.253 min Scan# 5

Delta R.T. 0.018 min

Lab File: VY015977.D

Acq: 16 Oct 2023 10:57

Instrument :

MSVOA_Y

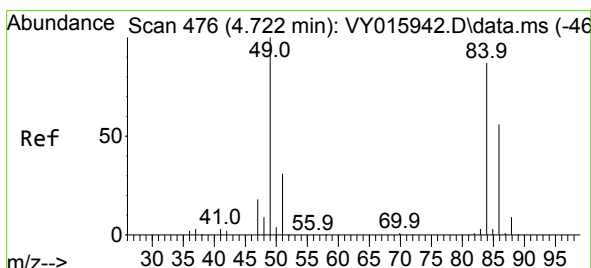
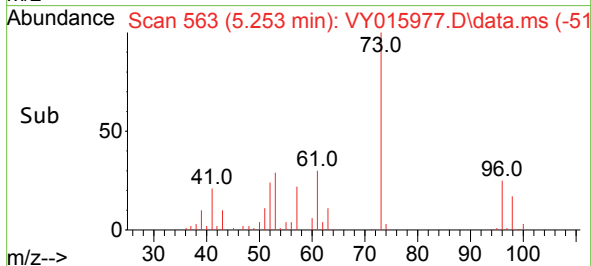
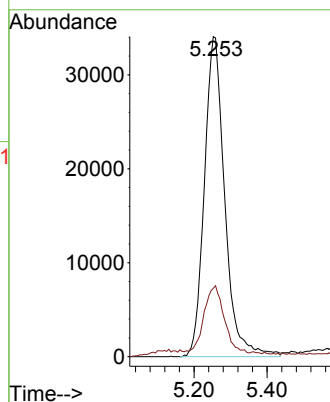
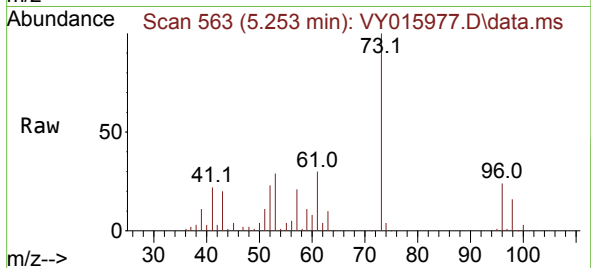
ClientSampleId :

Tgt Ion: 73 Resp: 131938

Ion Ratio Lower Upper

73 100

57 20.9 17.3 25.9



#20

Methylene Chloride

Concen: 16.787 ug/l

RT: 4.722 min Scan# 476

Delta R.T. 0.000 min

Lab File: VY015977.D

Acq: 16 Oct 2023 10:57

Tgt Ion: 84 Resp: 52005

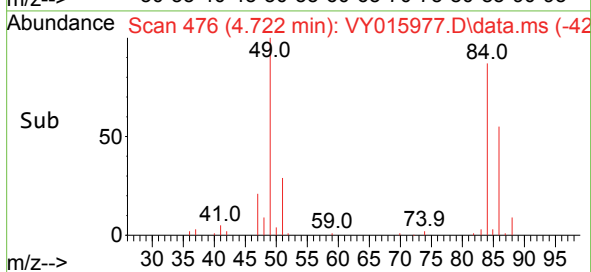
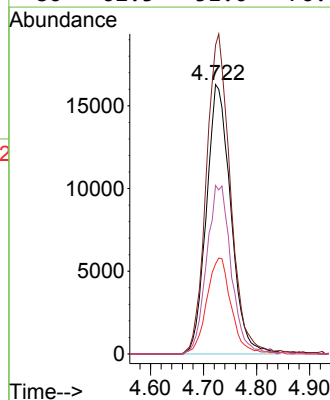
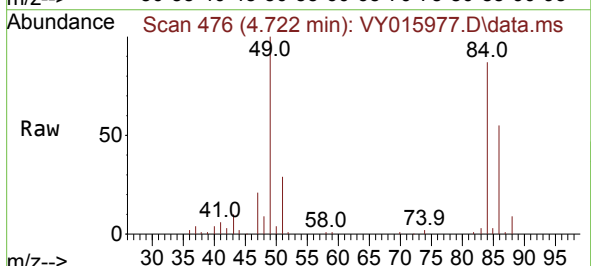
Ion Ratio Lower Upper

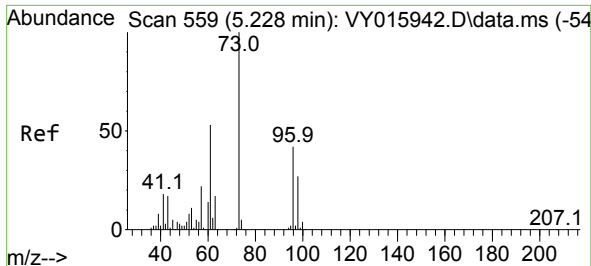
84 100

49 114.6 106.9 160.3

51 33.4 33.2 49.8

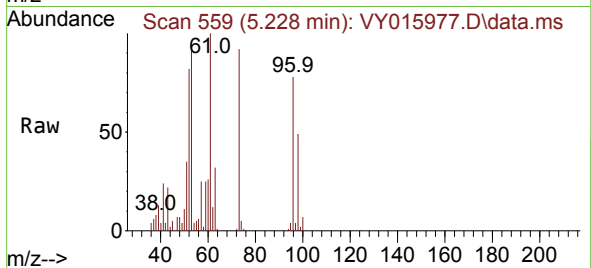
86 62.5 51.0 76.6



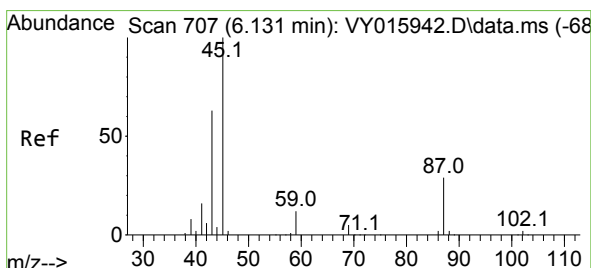
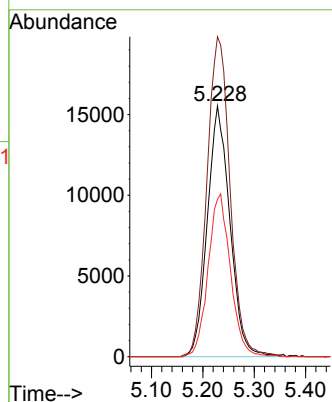
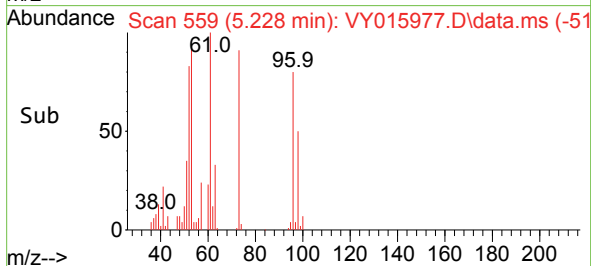


#21
trans-1,2-Dichloroethene
Concen: 19.858 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY015977.D
Acq: 16 Oct 2023 10:57

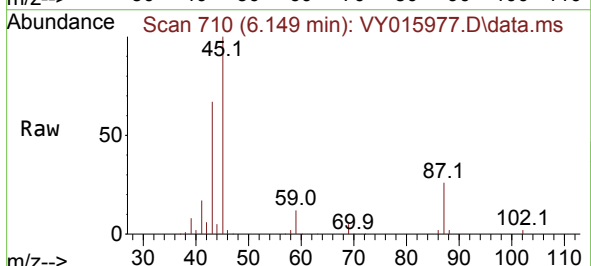
Instrument :
MSVOA_Y
ClientSampleId :



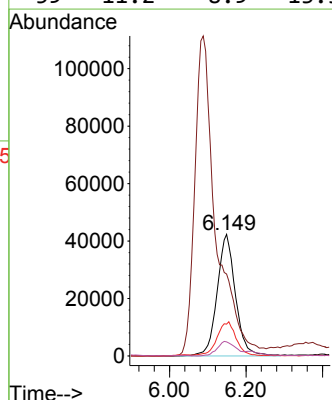
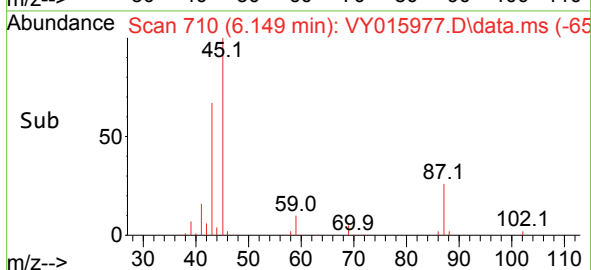
Tgt Ion: 96 Resp: 47449
Ion Ratio Lower Upper
96 100
61 127.6 110.2 165.4
98 62.7 51.8 77.6

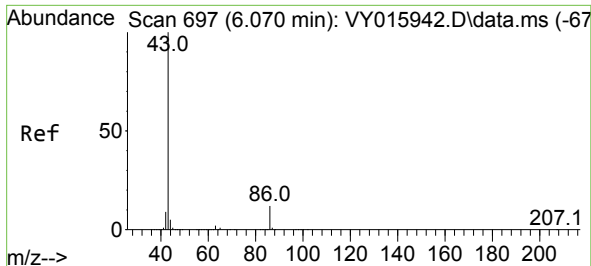


#22
Diisopropyl ether
Concen: 20.503 ug/l
RT: 6.149 min Scan# 710
Delta R.T. 0.018 min
Lab File: VY015977.D
Acq: 16 Oct 2023 10:57



Tgt Ion: 45 Resp: 140645
Ion Ratio Lower Upper
45 100
43 66.1 52.2 78.4
87 25.9 21.0 31.6
59 11.2 8.9 13.3

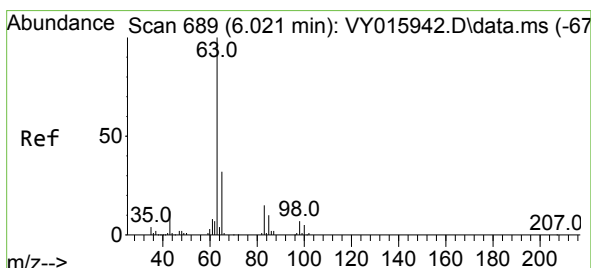
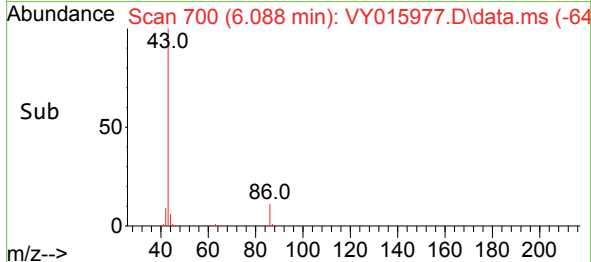
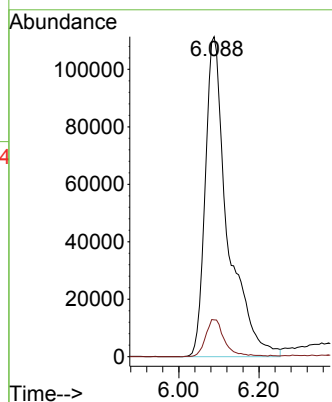
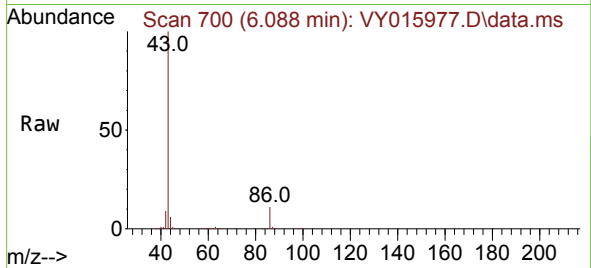




#23
 Vinyl Acetate
 Concen: 95.759 ug/l
 RT: 6.088 min Scan# 70
 Delta R.T. 0.018 min
 Lab File: VY015977.D
 Acq: 16 Oct 2023 10:57

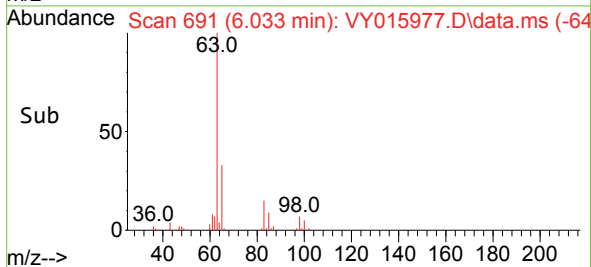
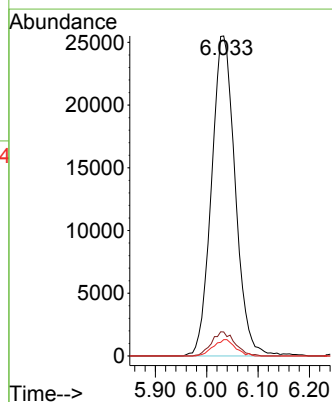
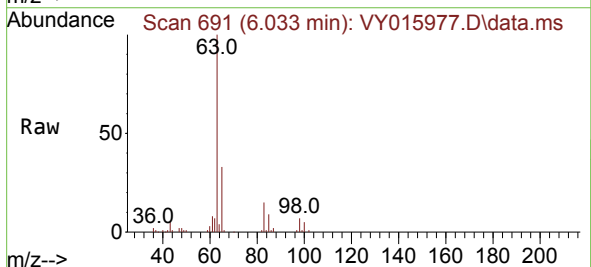
Instrument :
 MSVOA_Y
 ClientSampleId :

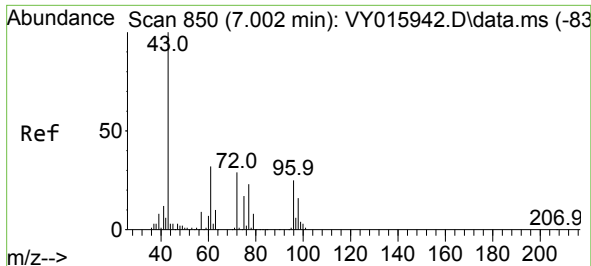
Tgt Ion: 43 Resp: 432133
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 19.992 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. 0.012 min
 Lab File: VY015977.D
 Acq: 16 Oct 2023 10:57

Tgt Ion: 63 Resp: 81594
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.1 9.4
 100 5.1 1.8 5.5

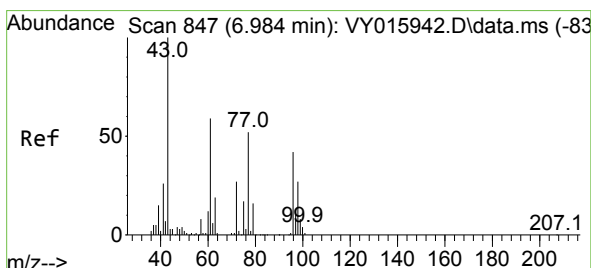
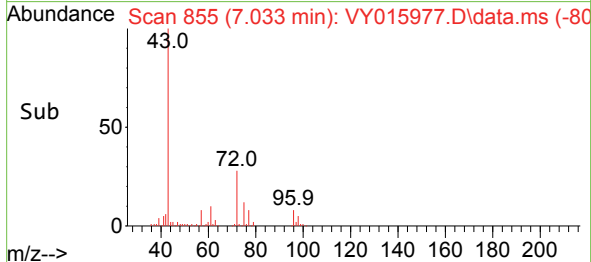
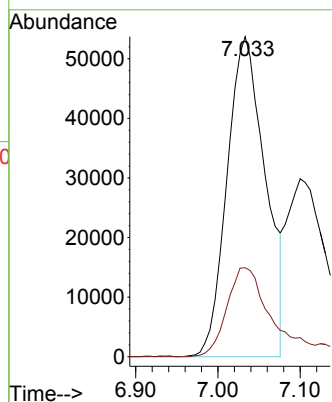
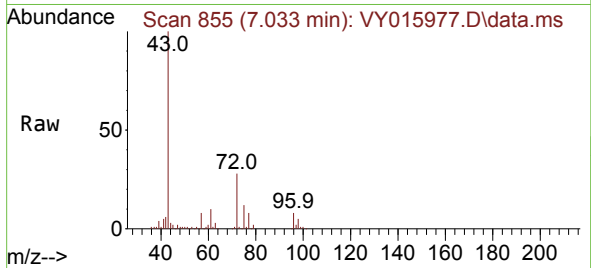




#25
2-Butanone
Concen: 85.911 ug/l
RT: 7.033 min Scan# 855
Delta R.T. 0.031 min
Lab File: VY015977.D
Acq: 16 Oct 2023 10:57

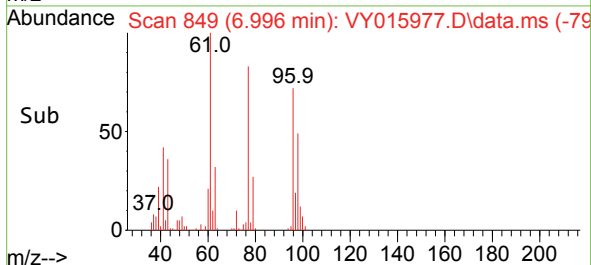
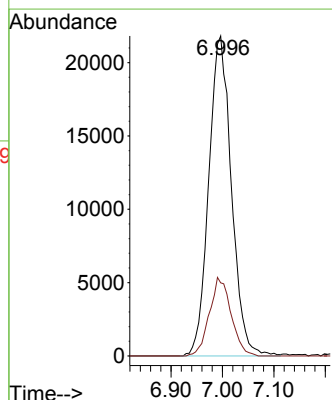
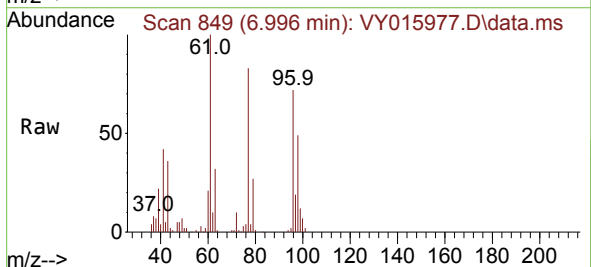
Instrument :
MSVOA_Y
ClientSampleId :

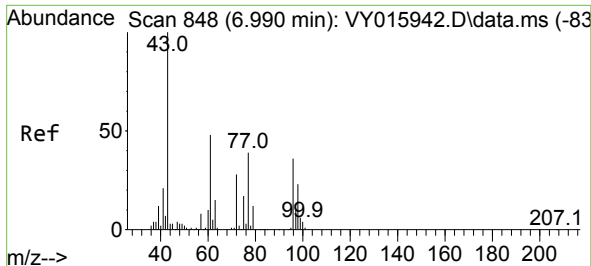
Tgt Ion: 43 Resp: 174245
Ion Ratio Lower Upper
43 100
72 27.8 20.5 30.7



#26
2,2-Dichloropropane
Concen: 19.761 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY015977.D
Acq: 16 Oct 2023 10:57

Tgt Ion: 77 Resp: 66973
Ion Ratio Lower Upper
77 100
97 23.4 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 19.854 ug/l

RT: 7.002 min Scan# 81

Delta R.T. 0.012 min

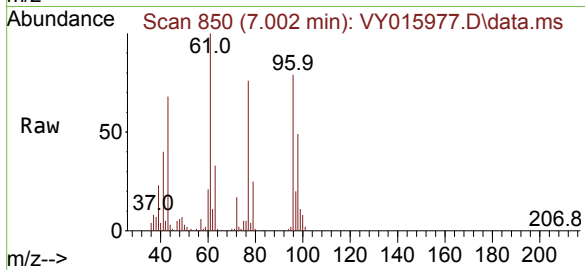
Lab File: VY015977.D

Acq: 16 Oct 2023 10:57

Instrument :

MSVOA_Y

ClientSampleId :



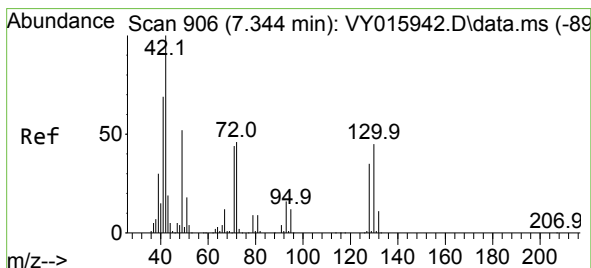
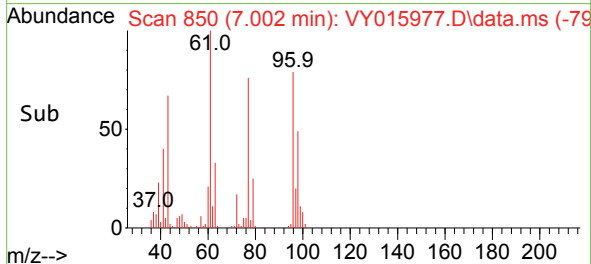
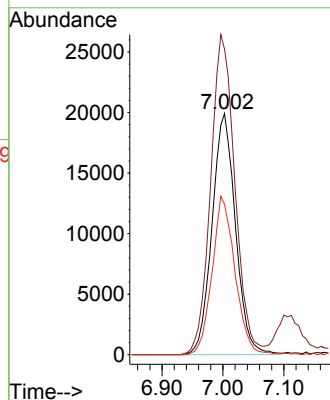
Tgt Ion: 96 Resp: 53342

Ion Ratio Lower Upper

96 100

61 136.7 0.0 301.4

98 64.2 0.0 130.4



#28

Bromochloromethane

Concen: 21.010 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY015977.D

Acq: 16 Oct 2023 10:57

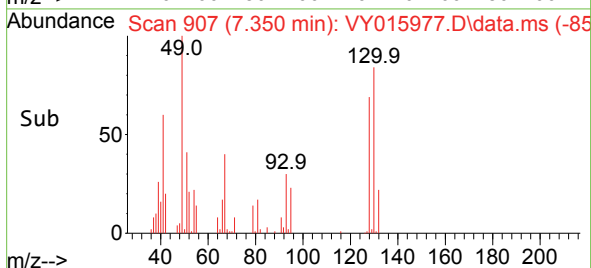
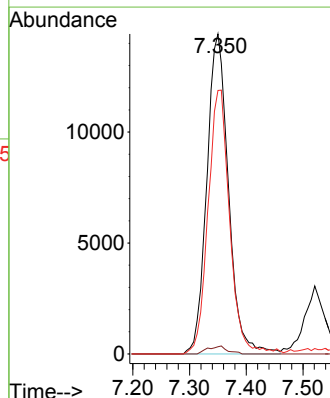
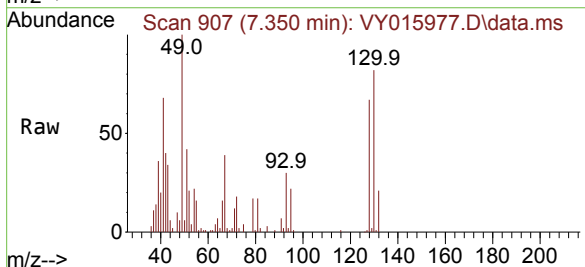
Tgt Ion: 49 Resp: 38266

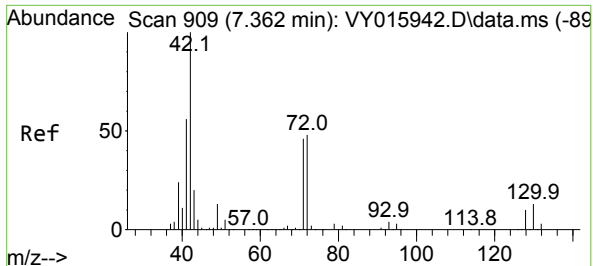
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 82.3 60.7 91.1





#29

Tetrahydrofuran

Concen: 94.744 ug/l

RT: 7.380 min Scan# 912

Delta R.T. 0.018 min

Lab File: VY015977.D

Acq: 16 Oct 2023 10:57

Instrument :

MSVOA_Y

ClientSampleId :

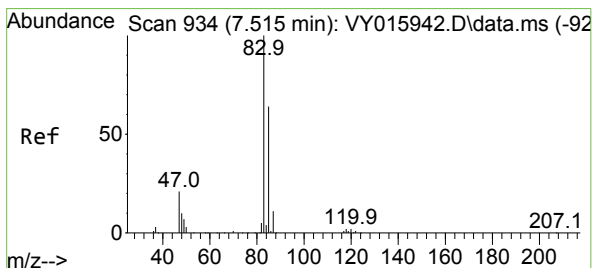
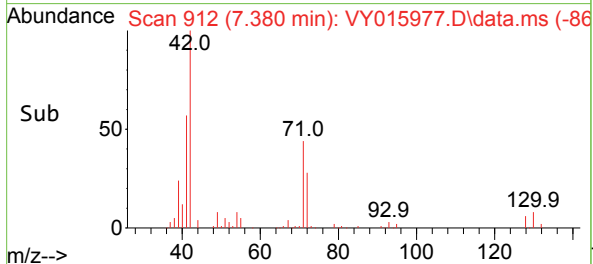
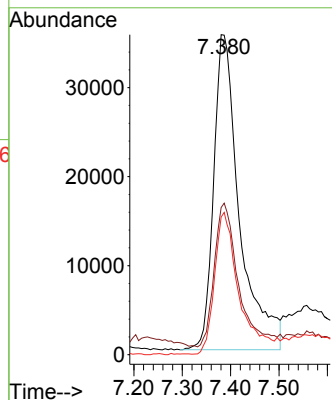
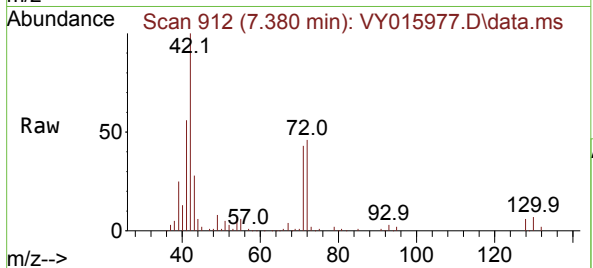
Tgt Ion: 42 Resp: 131722

Ion Ratio Lower Upper

42 100

72 42.5 32.8 49.2

71 42.6 31.0 46.4



#30

Chloroform

Concen: 20.183 ug/l

RT: 7.521 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY015977.D

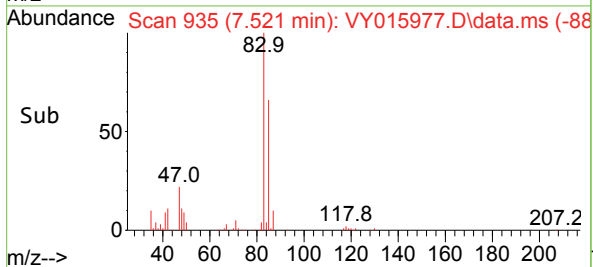
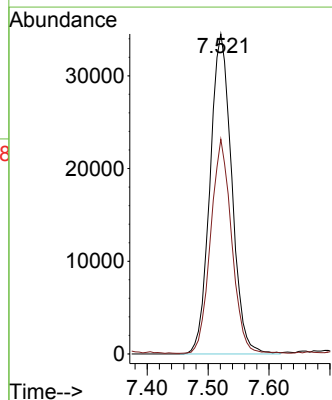
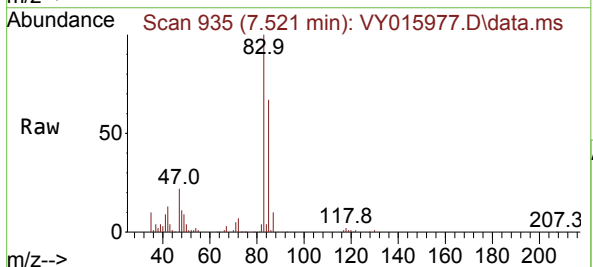
Acq: 16 Oct 2023 10:57

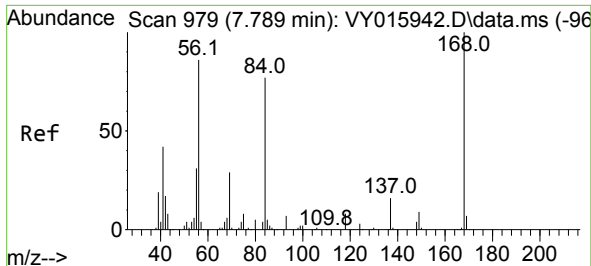
Tgt Ion: 83 Resp: 85499

Ion Ratio Lower Upper

83 100

85 66.9 49.7 74.5

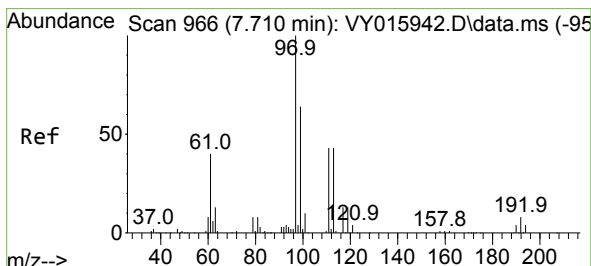
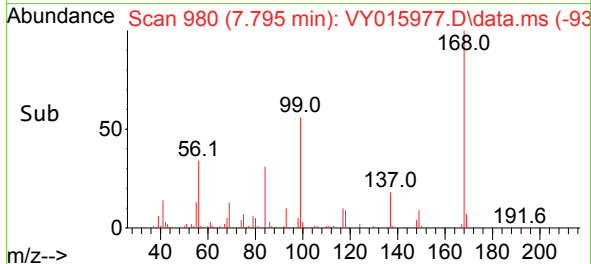
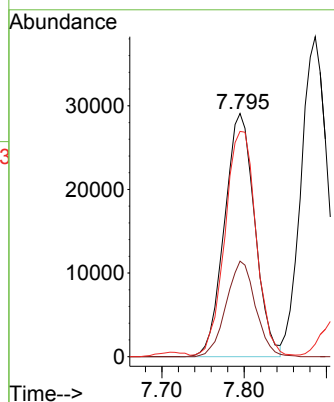
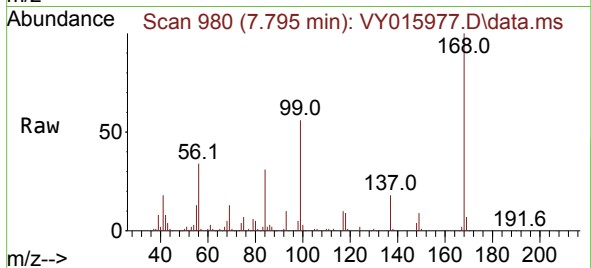




#31
Cyclohexane
Concen: 19.513 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015977.D
Acq: 16 Oct 2023 10:57

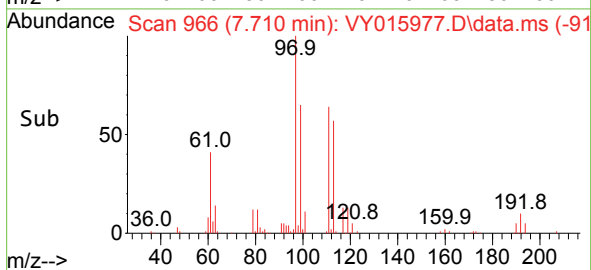
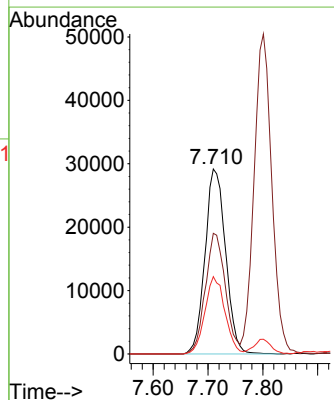
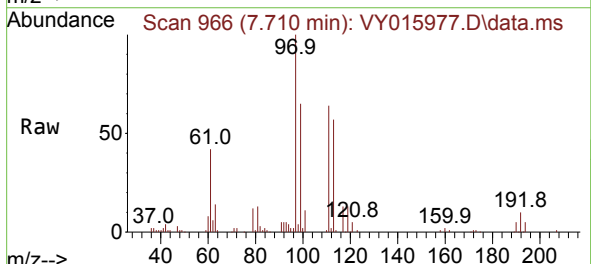
Instrument :
MSVOA_Y
ClientSampleId :

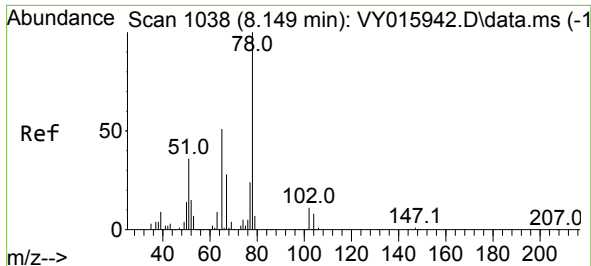
Tgt Ion: 56 Resp: 74517
Ion Ratio Lower Upper
56 100
69 39.3 27.8 41.6
84 91.2 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 20.137 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY015977.D
Acq: 16 Oct 2023 10:57

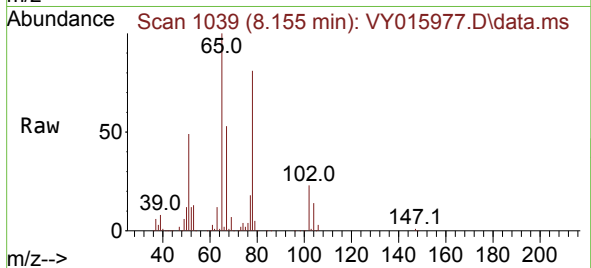
Tgt Ion: 97 Resp: 75867
Ion Ratio Lower Upper
97 100
99 63.8 50.8 76.2
61 40.7 35.1 52.7





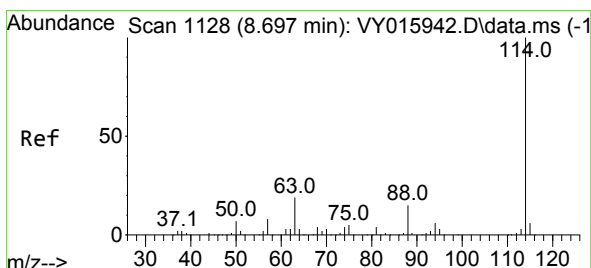
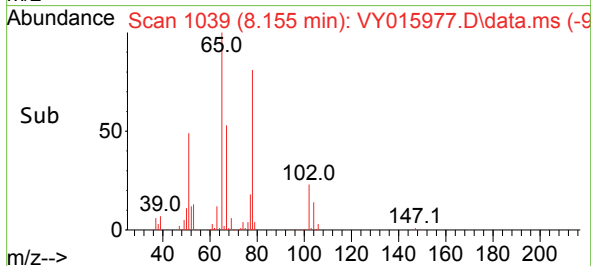
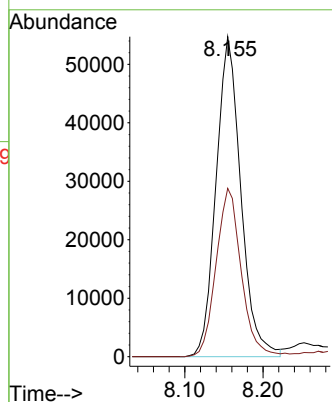
#33
 1,2-Dichloroethane-d4
 Concen: 50.206 ug/l
 RT: 8.155 min Scan# 1109
 Delta R.T. 0.006 min
 Lab File: VY015977.D
 Acq: 16 Oct 2023 10:57

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 65 Resp: 120443

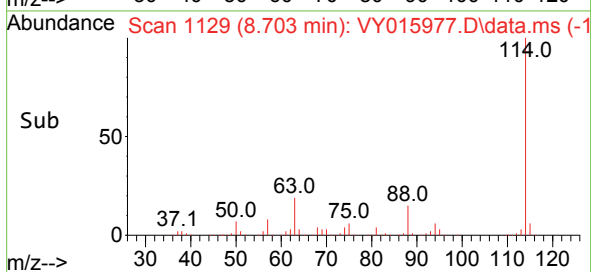
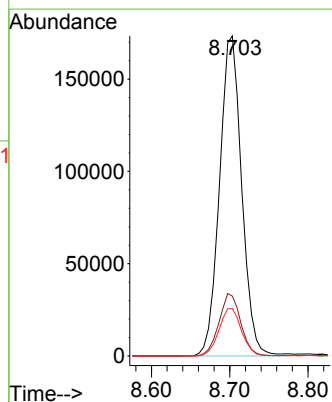
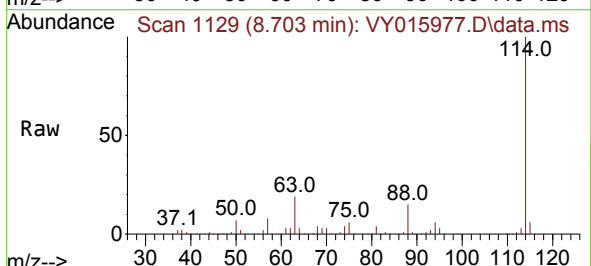
Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	101.8

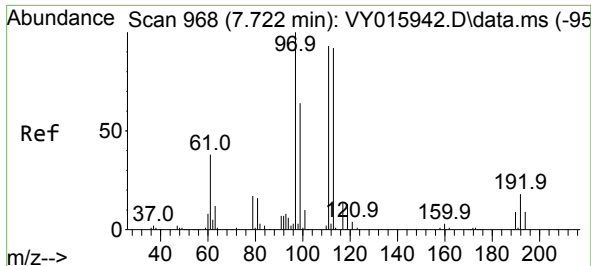


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.703 min Scan# 1129
 Delta R.T. 0.006 min
 Lab File: VY015977.D
 Acq: 16 Oct 2023 10:57

Tgt Ion: 114 Resp: 340834

Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	42.4
88	14.8	0.0	30.6

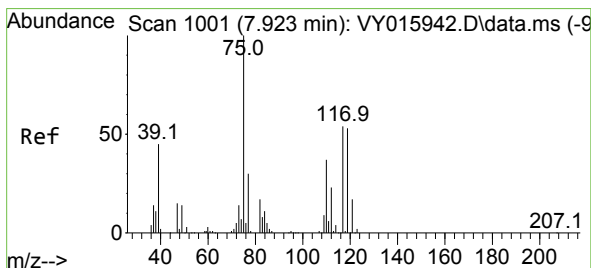
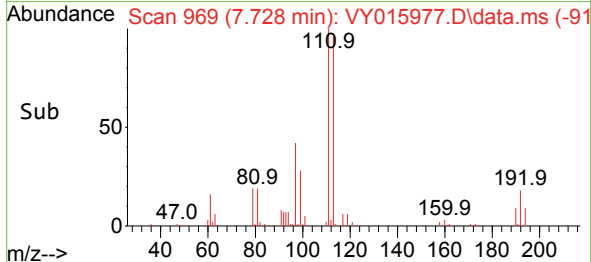
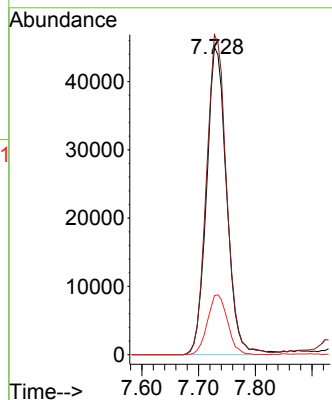
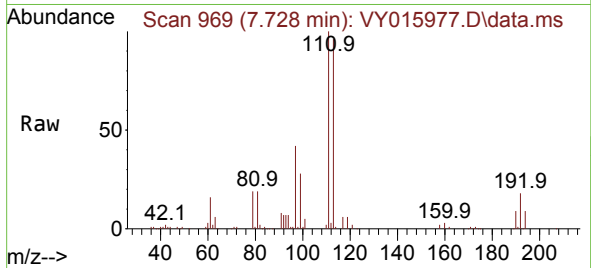




#35
Dibromofluoromethane
Concen: 51.806 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015977.D
Acq: 16 Oct 2023 10:57

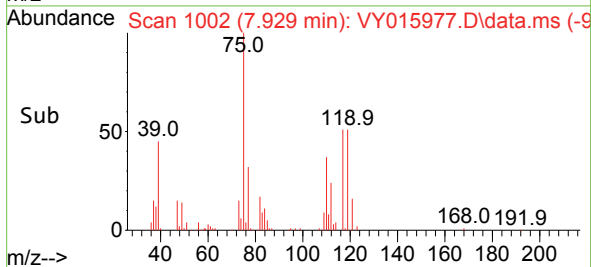
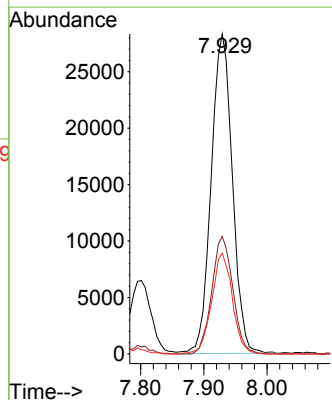
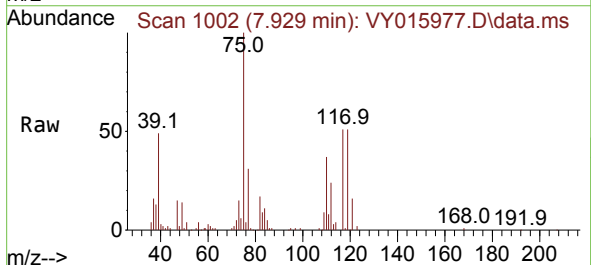
Instrument :
MSVOA_Y
ClientSampleId :

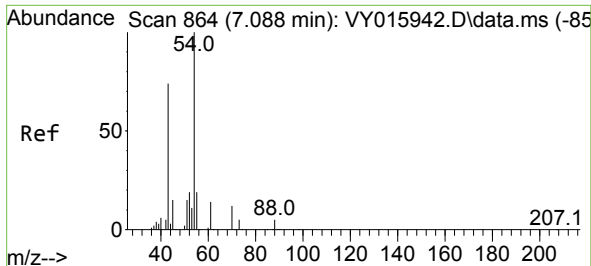
Tgt Ion:113 Resp: 111162
Ion Ratio Lower Upper
113 100
111 104.0 81.3 121.9
192 19.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 20.284 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY015977.D
Acq: 16 Oct 2023 10:57

Tgt Ion: 75 Resp: 65671
Ion Ratio Lower Upper
75 100
110 36.5 17.8 53.5
77 31.0 24.4 36.6





#37

Ethyl Acetate

Concen: 14.874 ug/l

RT: 7.100 min Scan# 866

Delta R.T. 0.012 min

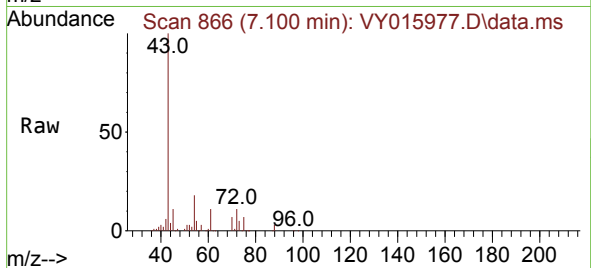
Lab File: VY015977.D

Acq: 16 Oct 2023 10:57

Instrument :

MSVOA_Y

ClientSampleId :



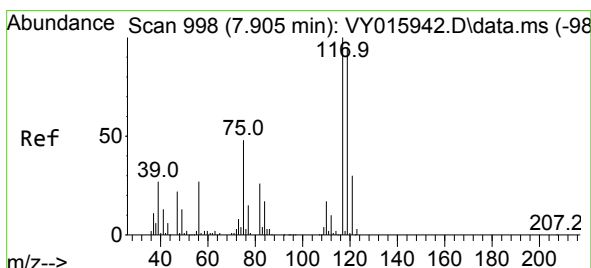
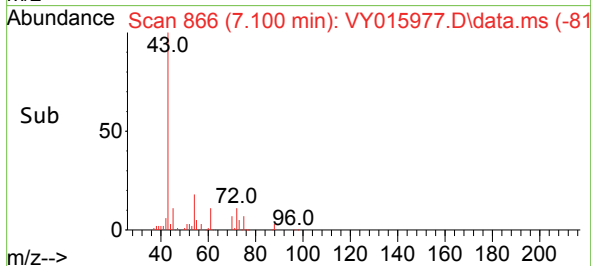
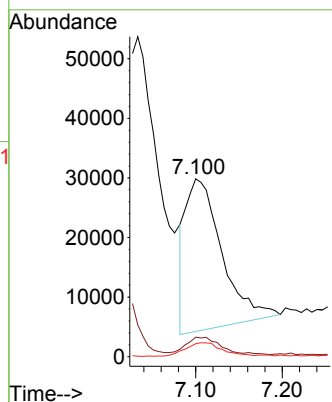
Tgt Ion: 43 Resp: 74302

Ion Ratio Lower Upper

43 100

61 11.6 10.1 15.1

70 8.8 7.1 10.7



#38

Carbon Tetrachloride

Concen: 19.826 ug/l

RT: 7.911 min Scan# 999

Delta R.T. 0.006 min

Lab File: VY015977.D

Acq: 16 Oct 2023 10:57

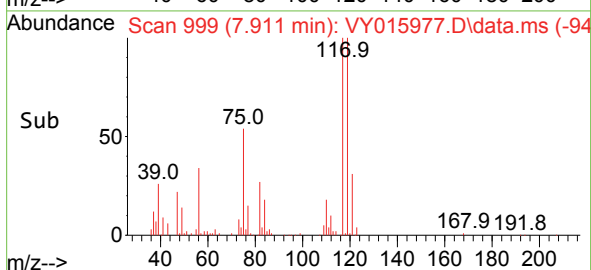
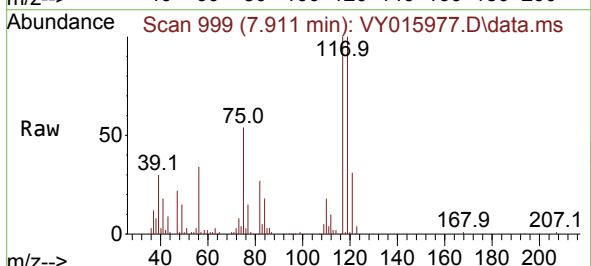
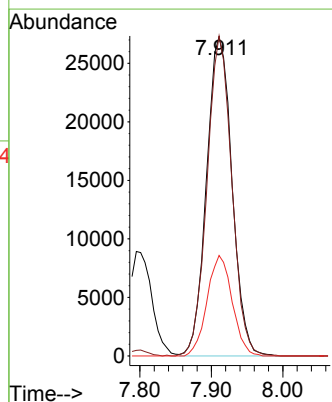
Tgt Ion: 117 Resp: 67600

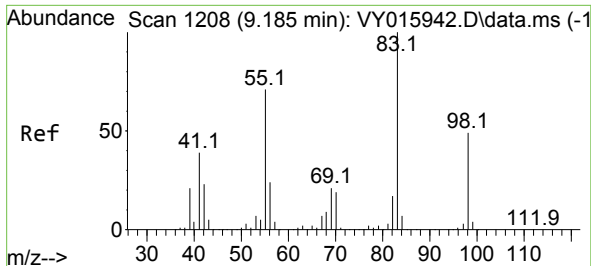
Ion Ratio Lower Upper

117 100

119 100.4 76.4 114.6

121 31.5 25.8 38.6





#39

Methylcyclohexane

Concen: 19.329 ug/l

RT: 9.191 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015977.D

Acq: 16 Oct 2023 10:57

Instrument :

MSVOA_Y

ClientSampleId :

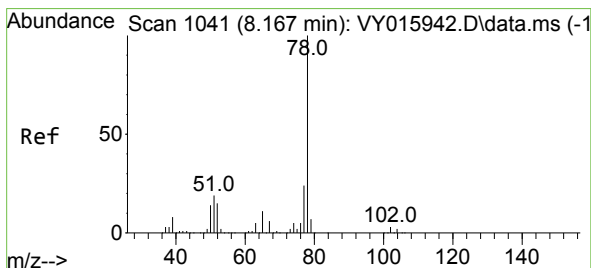
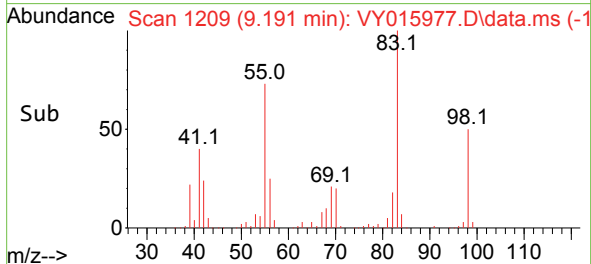
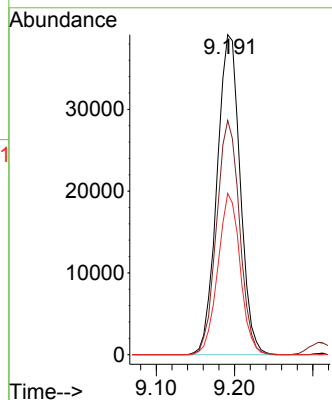
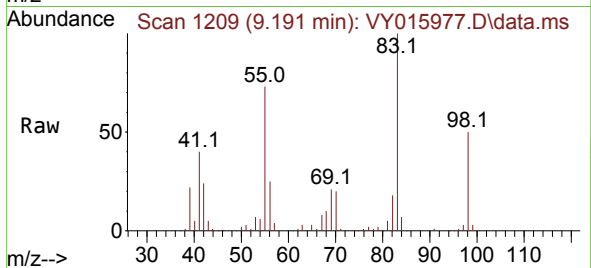
Tgt Ion: 83 Resp: 80291

Ion Ratio Lower Upper

83 100

55 73.2 63.0 94.4

98 50.4 37.4 56.2



#40

Benzene

Concen: 20.264 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VY015977.D

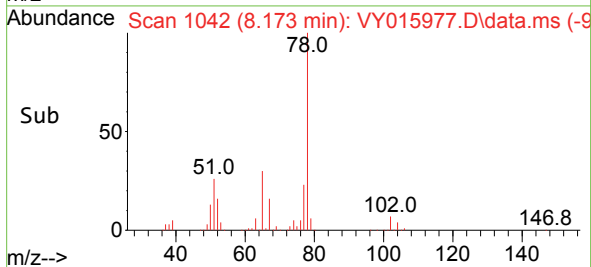
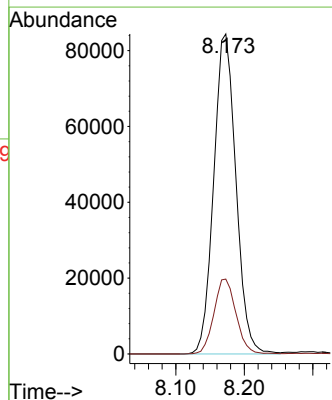
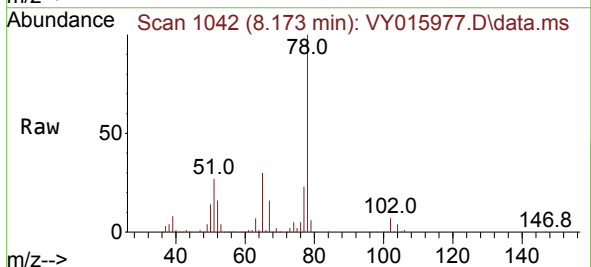
Acq: 16 Oct 2023 10:57

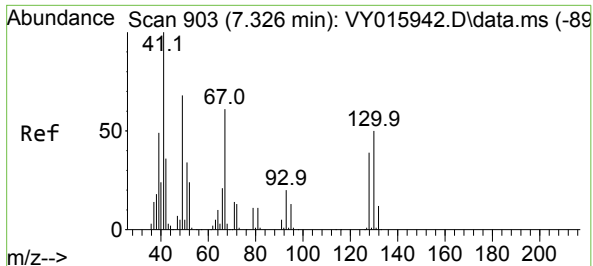
Tgt Ion: 78 Resp: 189826

Ion Ratio Lower Upper

78 100

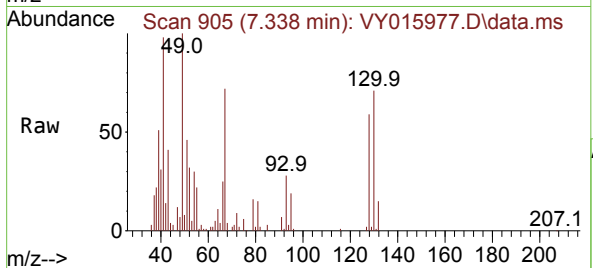
77 23.4 19.0 28.6



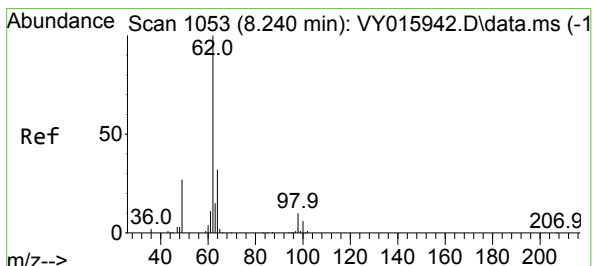
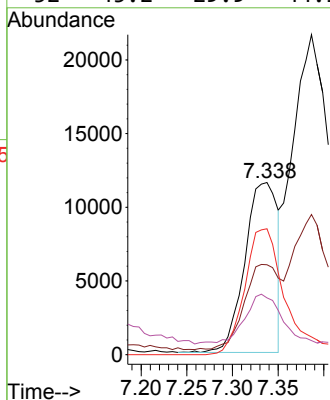
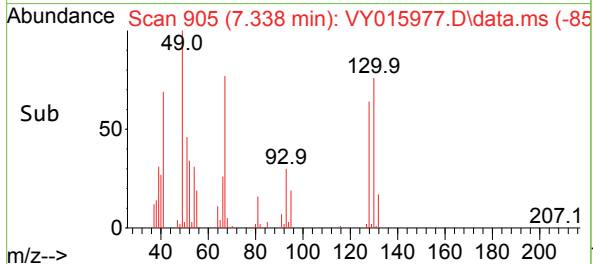


#41
Methacrylonitrile
Concen: 17.369 ug/l
RT: 7.338 min Scan# 903
Delta R.T. 0.012 min
Lab File: VY015977.D
Acq: 16 Oct 2023 10:57

Instrument :
MSVOA_Y
ClientSampleId :

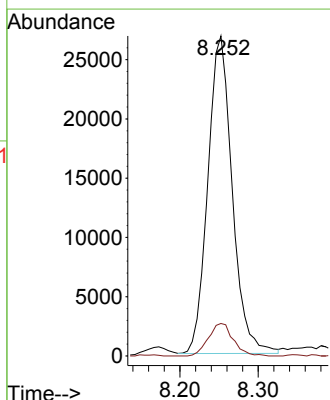
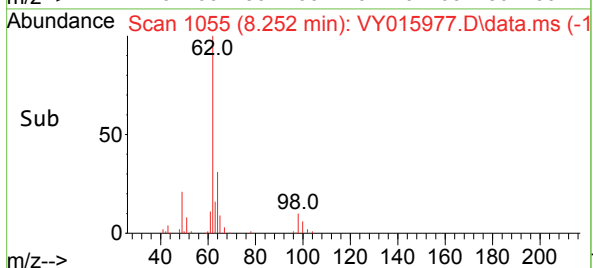
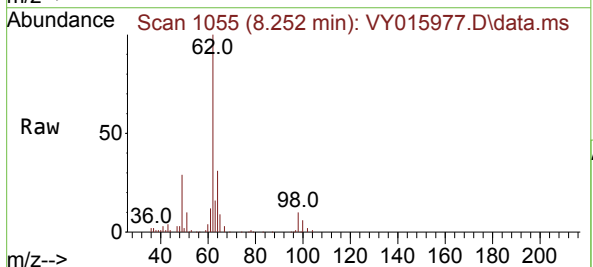


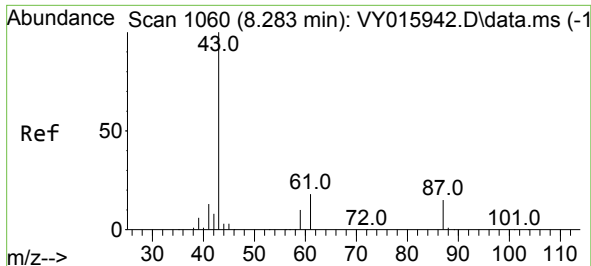
Tgt Ion: 41 Resp: 28609
Ion Ratio Lower Upper
41 100
39 56.6 52.1 78.1
67 93.2 66.2 99.2
52 45.2 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 19.342 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.012 min
Lab File: VY015977.D
Acq: 16 Oct 2023 10:57

Tgt Ion: 62 Resp: 58140
Ion Ratio Lower Upper
62 100
98 10.4 0.0 15.8

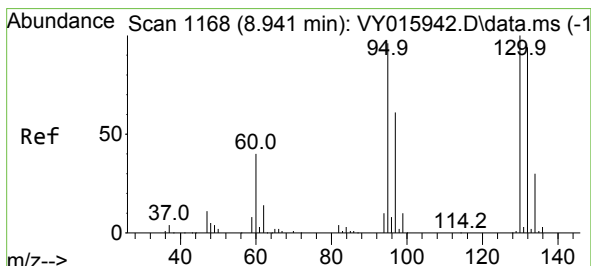
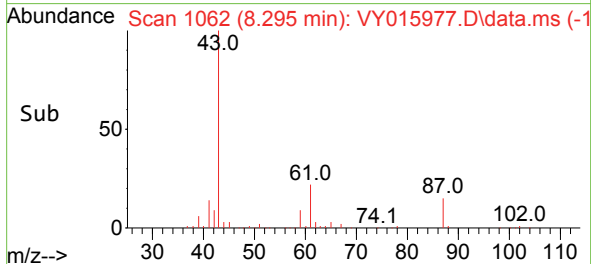
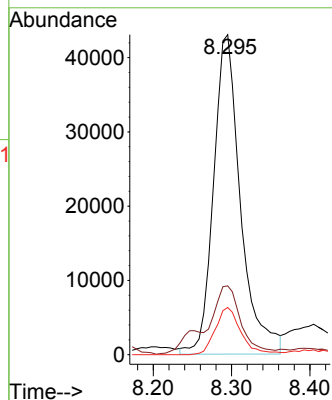
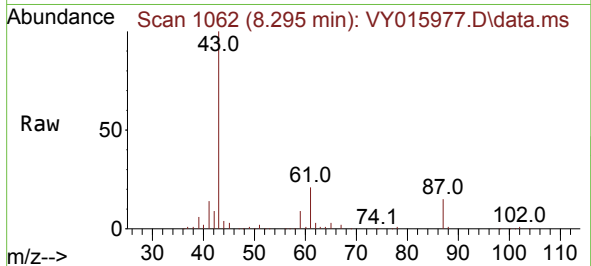




#43
Isopropyl Acetate
Concen: 19.212 ug/l
RT: 8.295 min Scan# 1106
Delta R.T. 0.012 min
Lab File: VY015977.D
Acq: 16 Oct 2023 10:57

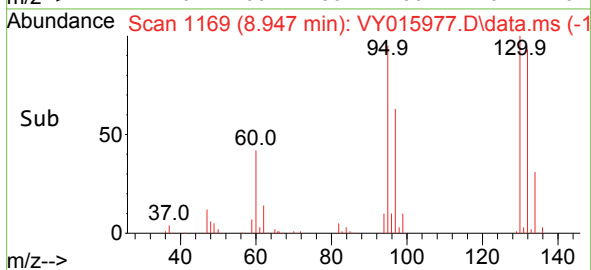
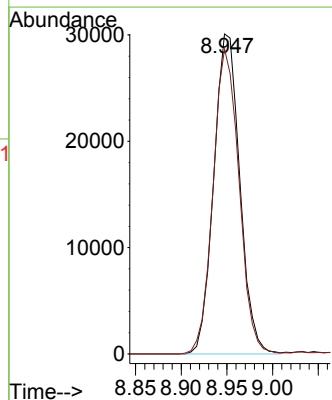
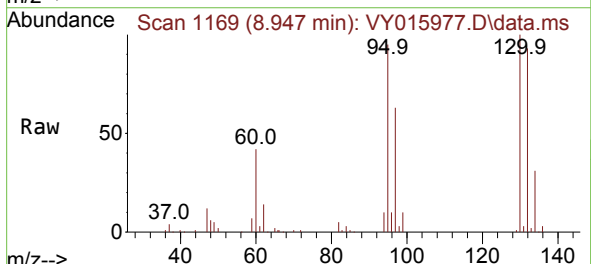
Instrument :
MSVOA_Y
ClientSampleId :

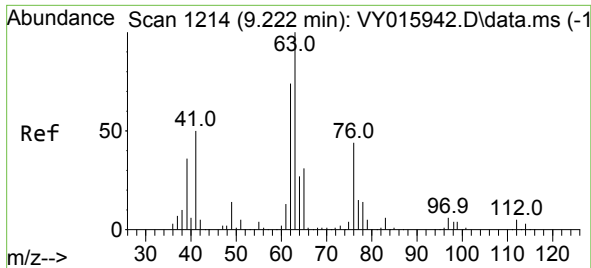
Tgt Ion: 43 Resp: 103106
Ion Ratio Lower Upper
43 100
61 21.6 21.1 31.7
87 14.2 9.8 14.8



#44
Trichloroethene
Concen: 20.593 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY015977.D
Acq: 16 Oct 2023 10:57

Tgt Ion:130 Resp: 59448
Ion Ratio Lower Upper
130 100
95 95.3 0.0 196.0

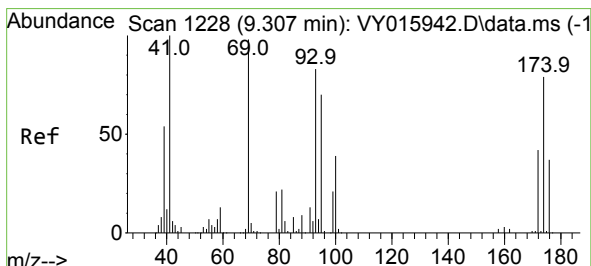
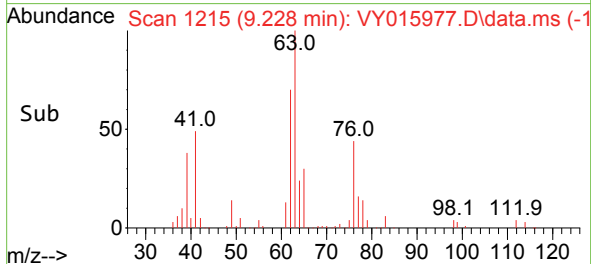
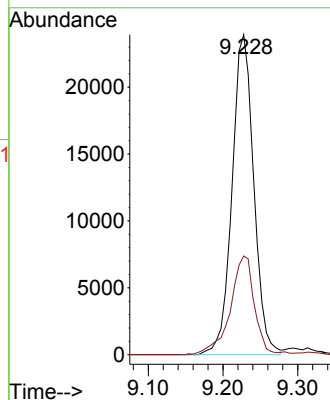
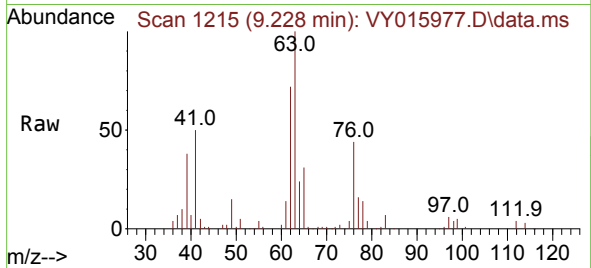




#45
1,2-Dichloropropane
Concen: 20.205 ug/l
RT: 9.228 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015977.D
Acq: 16 Oct 2023 10:57

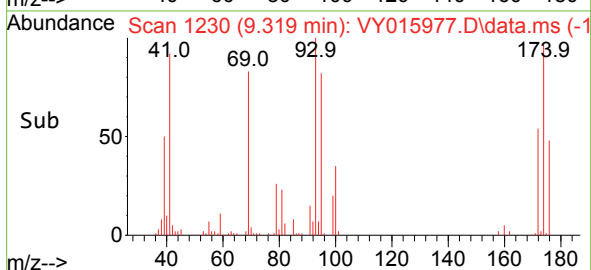
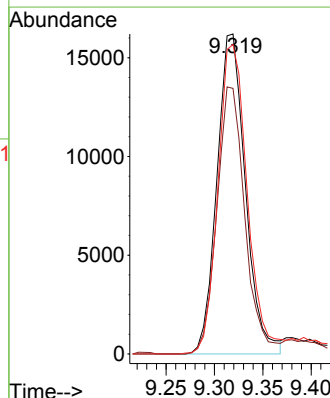
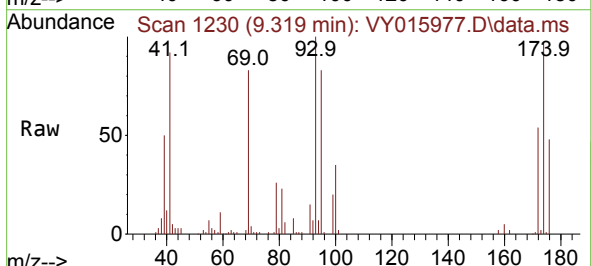
Instrument :
MSVOA_Y
ClientSampleId :

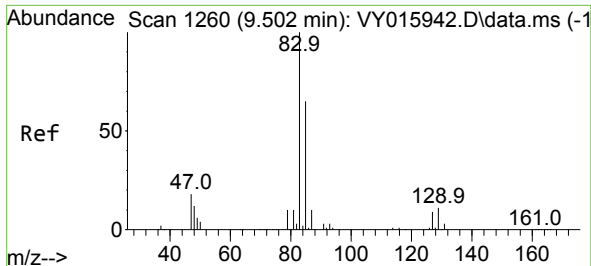
Tgt Ion: 63 Resp: 48297
Ion Ratio Lower Upper
63 100
65 30.9 23.8 35.6



#46
Dibromomethane
Concen: 19.722 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.012 min
Lab File: VY015977.D
Acq: 16 Oct 2023 10:57

Tgt Ion: 93 Resp: 33137
Ion Ratio Lower Upper
93 100
95 82.2 66.6 100.0
174 100.1 84.8 127.2





#47

Bromodichloromethane

Concen: 20.085 ug/l

RT: 9.508 min Scan# 1261

Delta R.T. 0.006 min

Lab File: VY015977.D

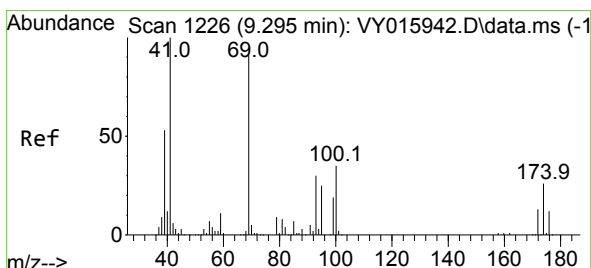
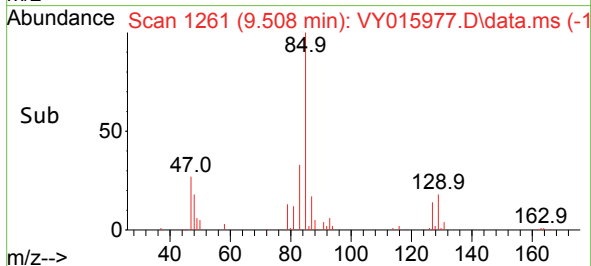
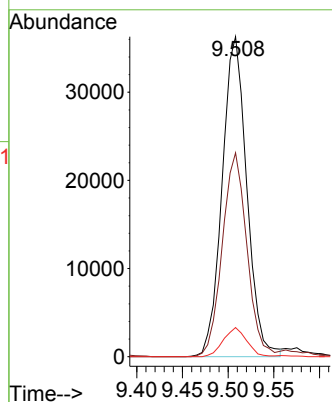
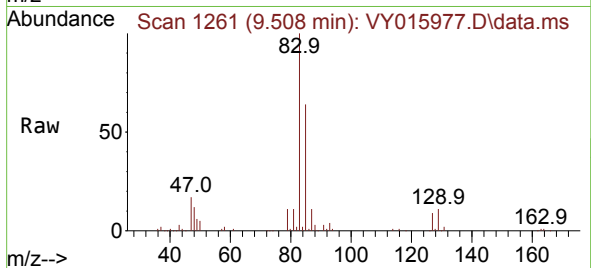
Acq: 16 Oct 2023 10:57

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 83	Resp: 68144
Ion Ratio	Lower Upper
83	100
85	63.7 50.1 75.1
127	9.1 7.1 10.7



#48

Methyl methacrylate

Concen: 18.889 ug/l

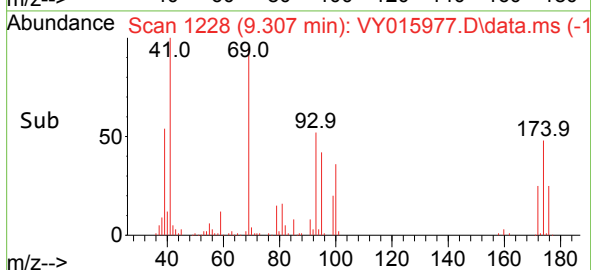
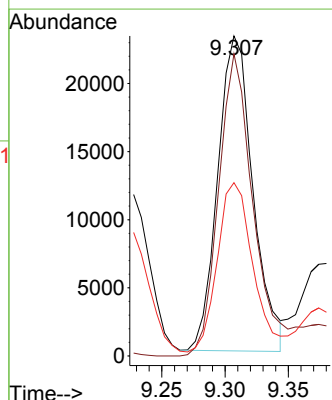
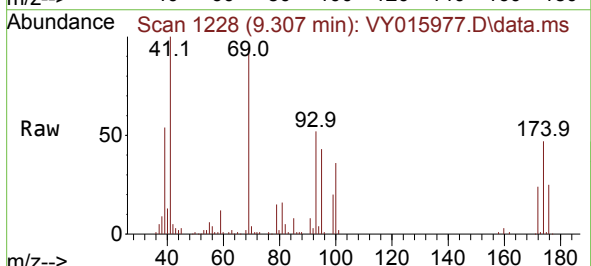
RT: 9.307 min Scan# 1228

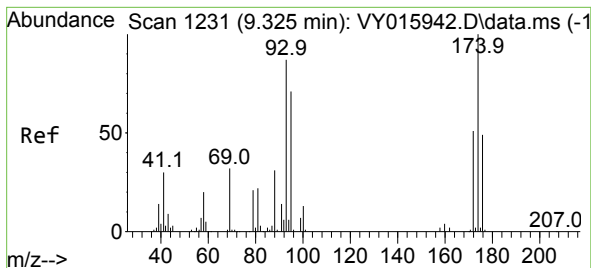
Delta R.T. 0.012 min

Lab File: VY015977.D

Acq: 16 Oct 2023 10:57

Tgt Ion: 41	Resp: 44777
Ion Ratio	Lower Upper
41	100
69	97.5 64.5 96.7
39	54.1 50.8 76.2





#49

1,4-Dioxane

Concen: 356.445 ug/l

RT: 9.398 min Scan# 1

Delta R.T. 0.073 min

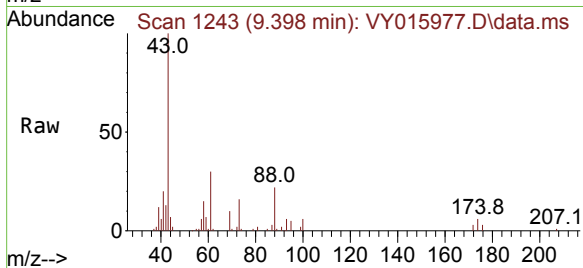
Lab File: VY015977.D

Acq: 16 Oct 2023 10:57

Instrument :

MSVOA_Y

ClientSampleId :



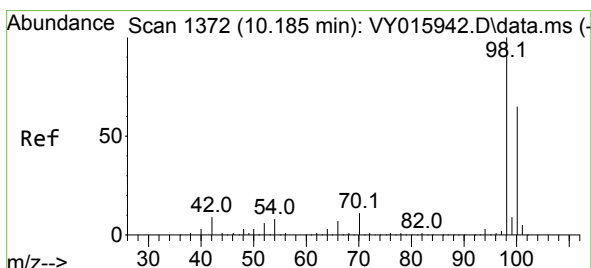
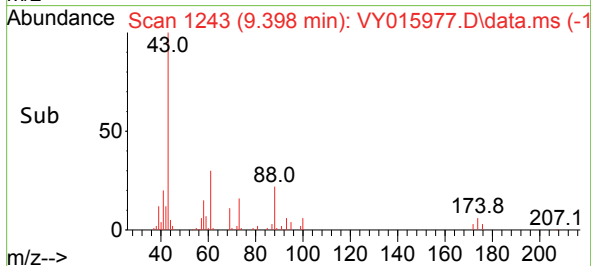
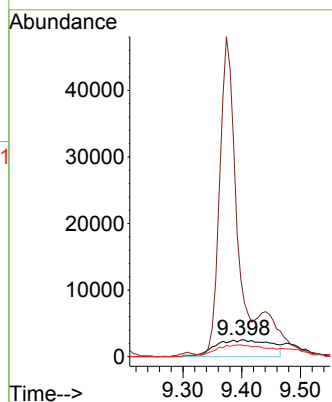
Tgt Ion: 88 Resp: 16702

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 65.4 30.9 46.3#



#50

Toluene-d8

Concen: 52.769 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY015977.D

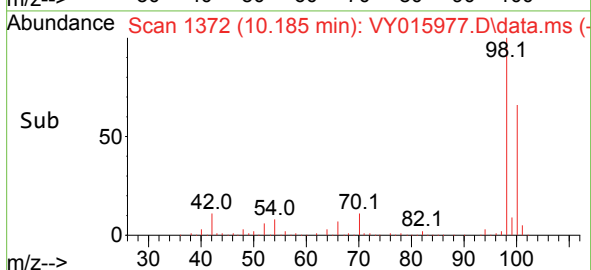
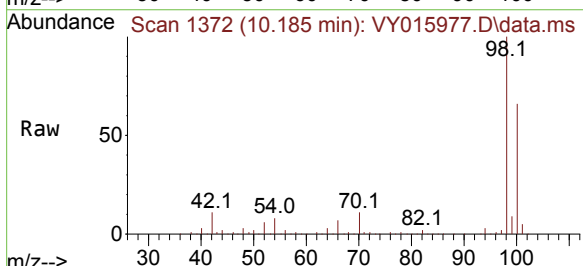
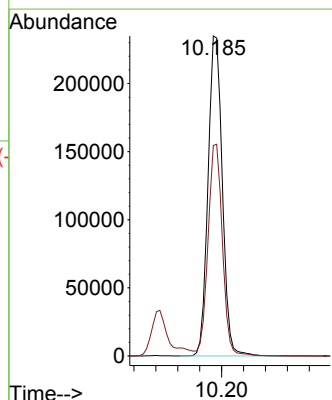
Acq: 16 Oct 2023 10:57

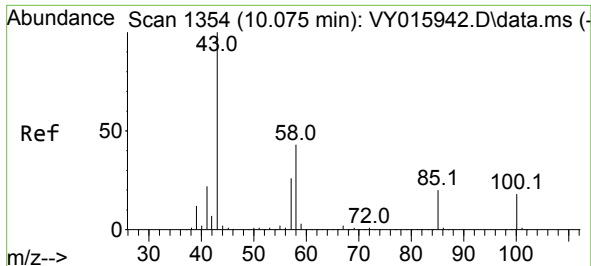
Tgt Ion: 98 Resp: 424028

Ion Ratio Lower Upper

98 100

100 66.4 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 111.166 ug/l

RT: 10.081 min Scan# 1355

Delta R.T. 0.006 min

Lab File: VY015977.D

Acq: 16 Oct 2023 10:57

Instrument :

MSVOA_Y

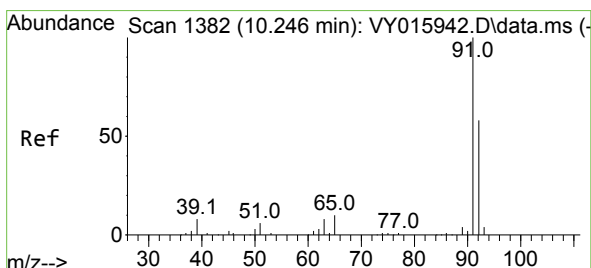
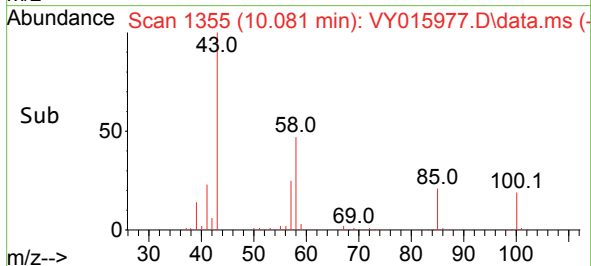
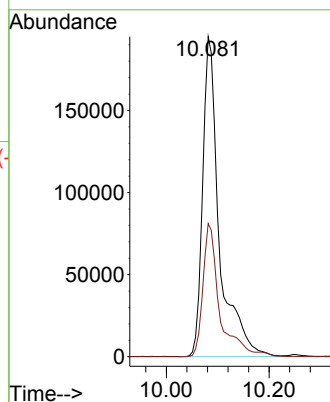
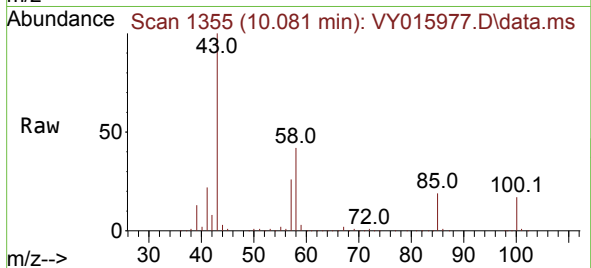
ClientSampleId :

Tgt Ion: 43 Resp: 439675

Ion Ratio Lower Upper

43 100

58 41.7 29.0 43.6



#52

Toluene

Concen: 20.718 ug/l

RT: 10.252 min Scan# 1383

Delta R.T. 0.006 min

Lab File: VY015977.D

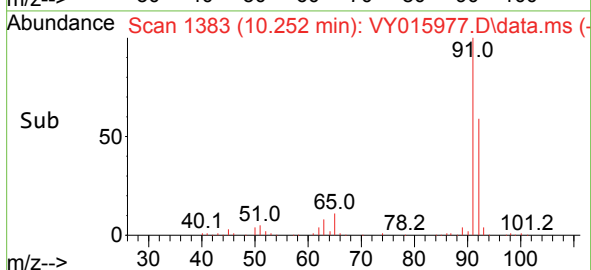
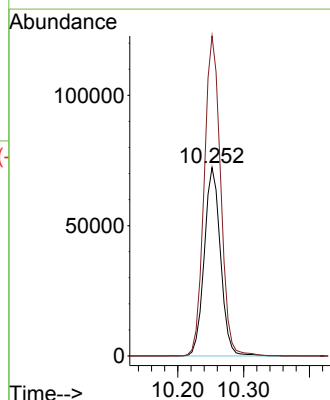
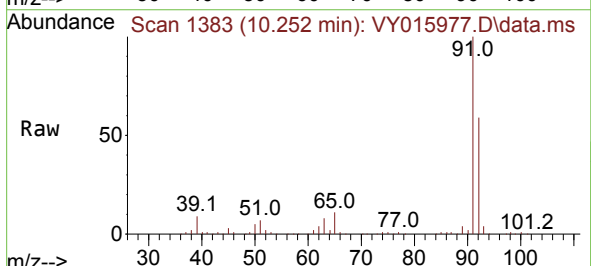
Acq: 16 Oct 2023 10:57

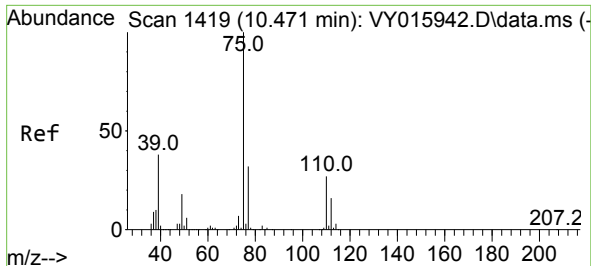
Tgt Ion: 92 Resp: 124086

Ion Ratio Lower Upper

92 100

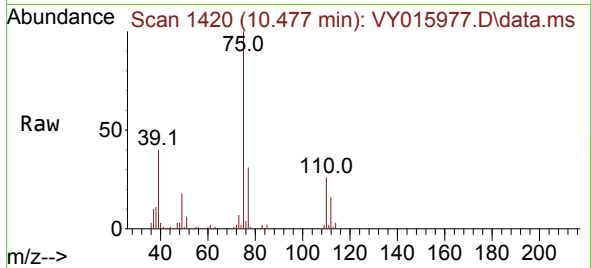
91 172.1 143.8 215.6



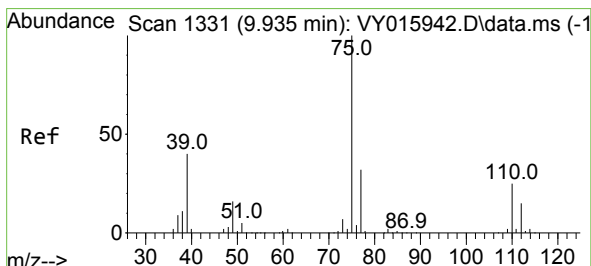
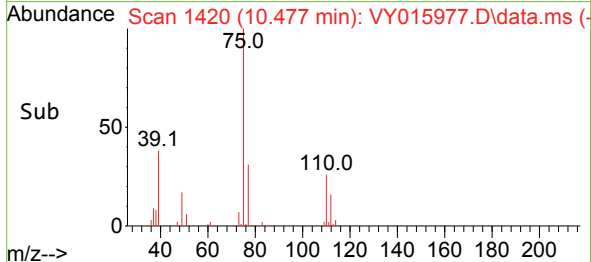
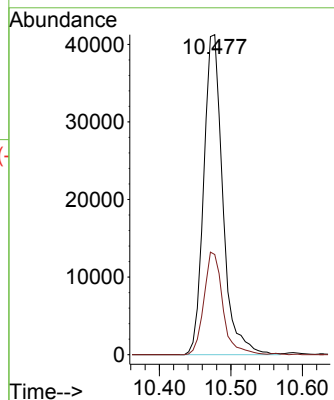


#53
 t-1,3-Dichloropropene
 Concen: 20.087 ug/l
 RT: 10.477 min Scan# 1419
 Delta R.T. 0.006 min
 Lab File: VY015977.D
 Acq: 16 Oct 2023 10:57

Instrument :
 MSVOA_Y
 ClientSampleId :

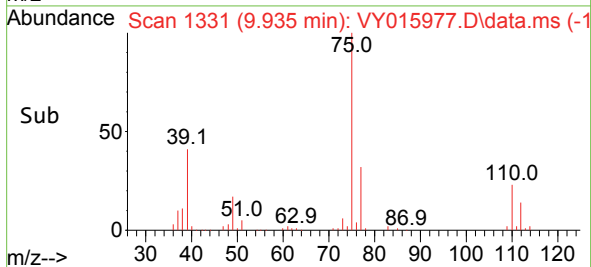
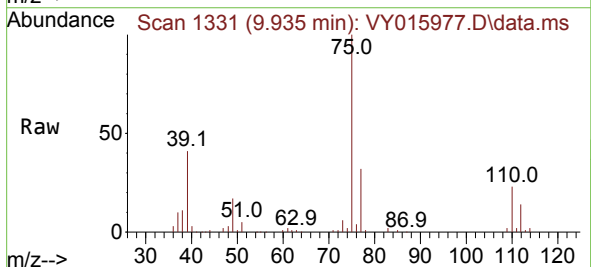
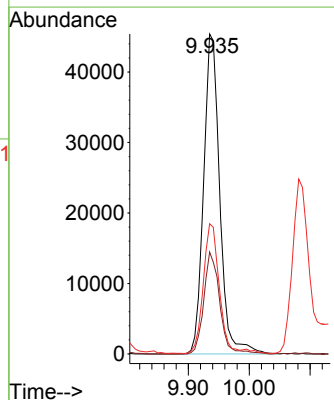


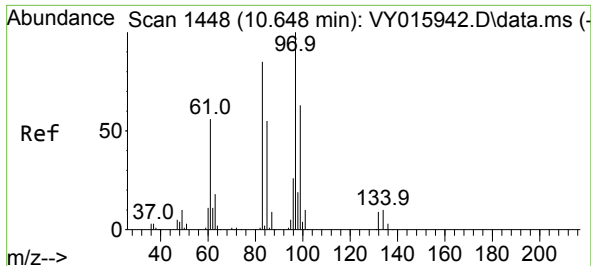
Tgt Ion: 75 Resp: 76417
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 20.465 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.000 min
 Lab File: VY015977.D
 Acq: 16 Oct 2023 10:57

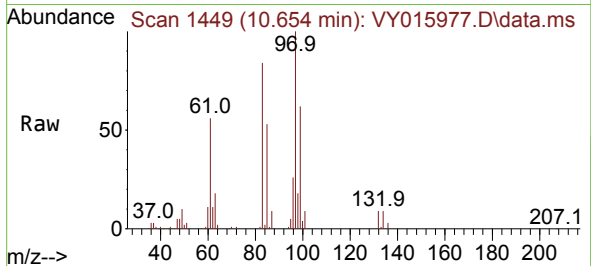
Tgt Ion: 75 Resp: 83691
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.2 36.4
 39 40.5 42.2 63.4#



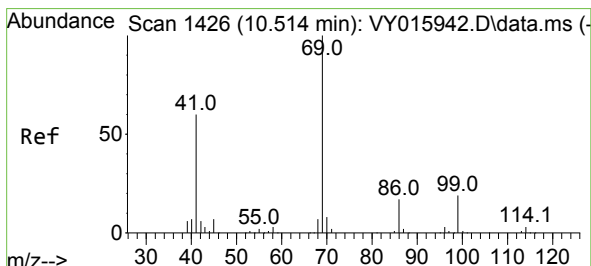
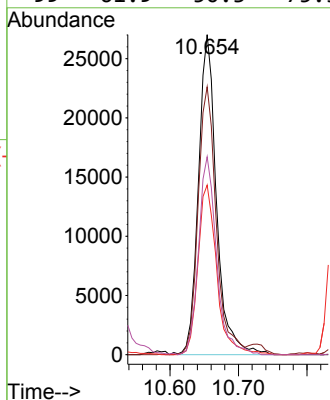
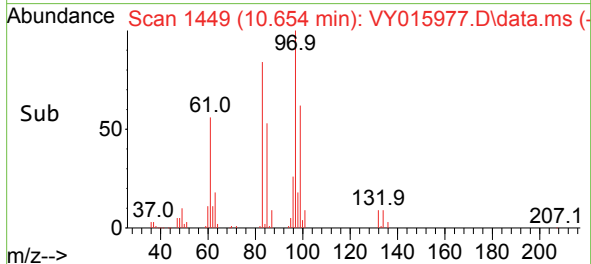


#55
1,1,2-Trichloroethane
Concen: 20.746 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.006 min
Lab File: VY015977.D
Acq: 16 Oct 2023 10:57

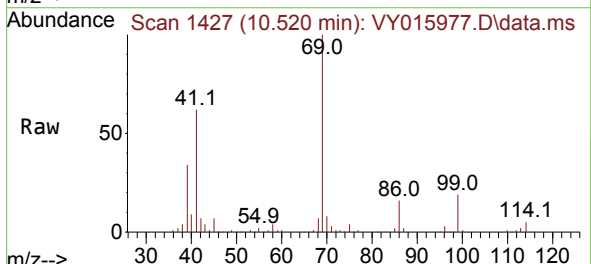
Instrument :
MSVOA_Y
ClientSampleId :



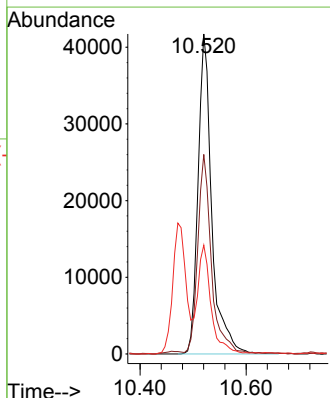
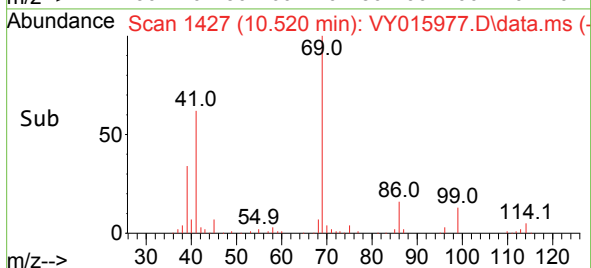
Tgt Ion:	97	Resp:	49628
Ion	Ratio	Lower	Upper
97	100		
83	83.5	72.0	108.0
85	53.0	45.4	68.0
99	61.9	50.3	75.5

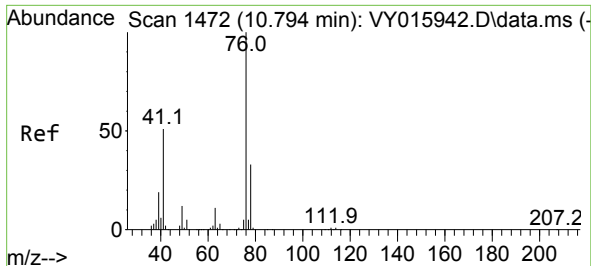


#56
Ethyl methacrylate
Concen: 20.052 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.006 min
Lab File: VY015977.D
Acq: 16 Oct 2023 10:57



Tgt Ion:	69	Resp:	75094
Ion	Ratio	Lower	Upper
69	100		
41	61.6	57.6	86.4
39	33.3	34.1	51.1#





#57

1,3-Dichloropropane

Concen: 20.033 ug/l

RT: 10.801 min Scan# 1472

Delta R.T. 0.006 min

Lab File: VY015977.D

Acq: 16 Oct 2023 10:57

Instrument :

MSVOA_Y

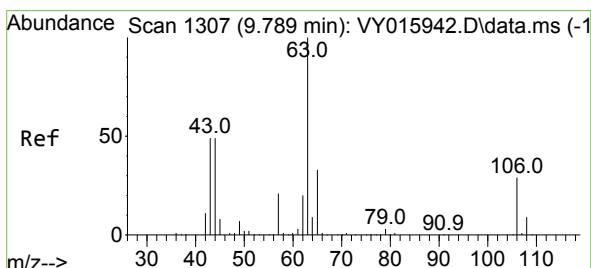
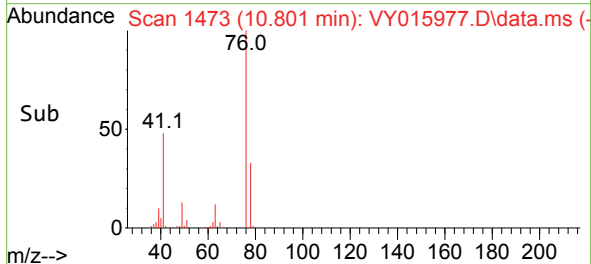
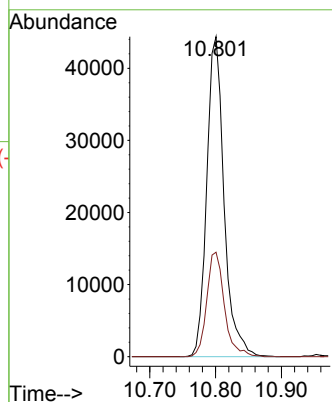
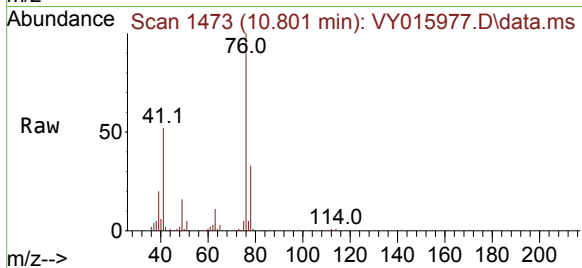
ClientSampleId :

Tgt Ion: 76 Resp: 81298

Ion Ratio Lower Upper

76 100

78 33.3 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 123.327 ug/l

RT: 9.795 min Scan# 1308

Delta R.T. 0.006 min

Lab File: VY015977.D

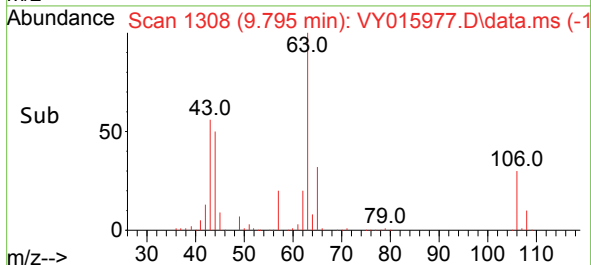
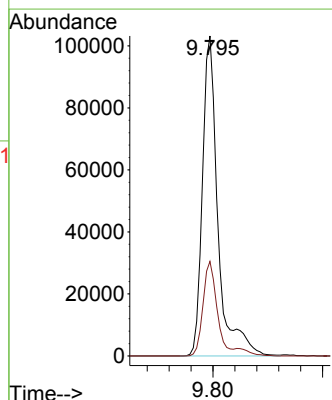
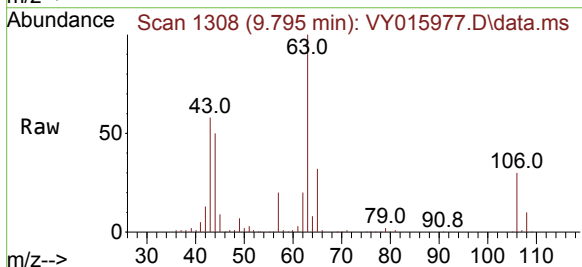
Acq: 16 Oct 2023 10:57

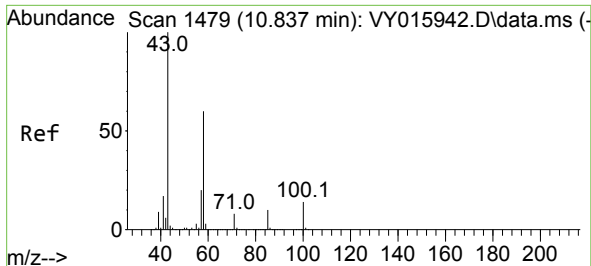
Tgt Ion: 63 Resp: 202669

Ion Ratio Lower Upper

63 100

106 26.7 21.2 31.8

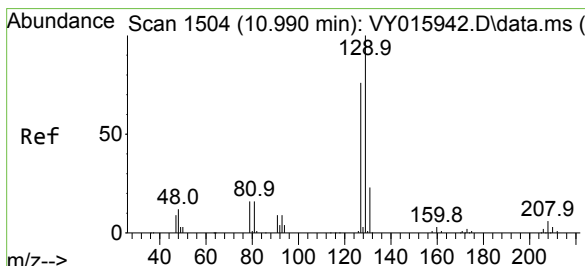
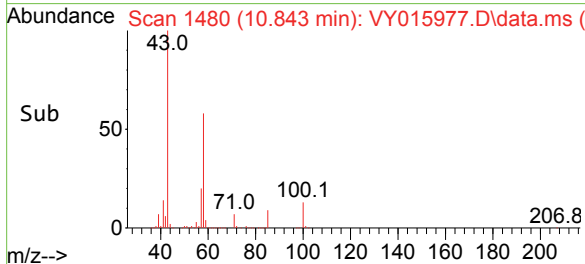
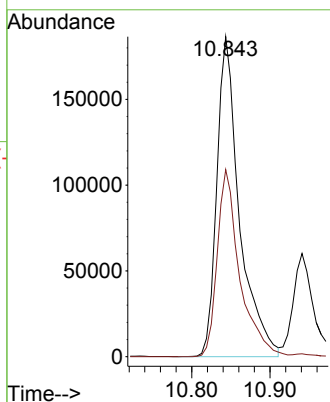
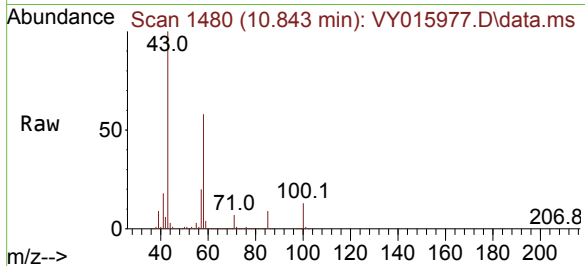




#59
2-Hexanone
Concen: 110.806 ug/l
RT: 10.843 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY015977.D
Acq: 16 Oct 2023 10:57

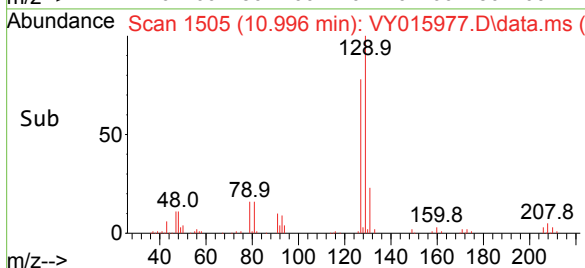
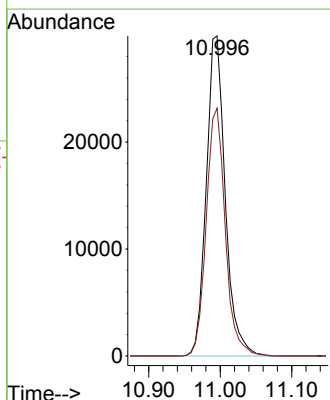
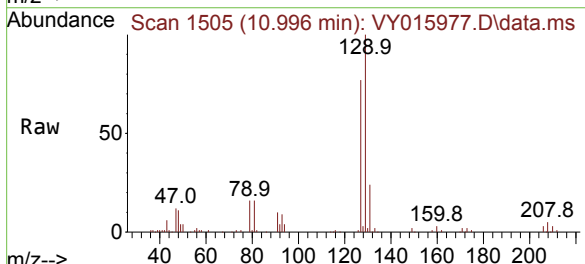
Instrument :
MSVOA_Y
ClientSampleId :

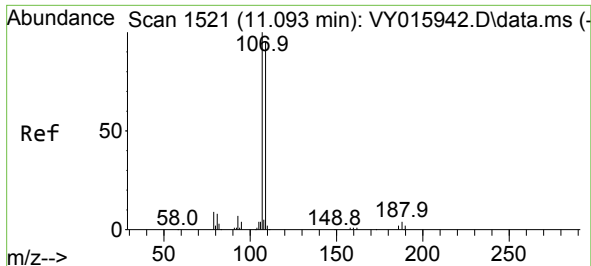
Tgt Ion: 43 Resp: 374097
Ion Ratio Lower Upper
43 100
58 58.2 25.1 75.3



#60
Dibromochloromethane
Concen: 20.246 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.006 min
Lab File: VY015977.D
Acq: 16 Oct 2023 10:57

Tgt Ion: 129 Resp: 55076
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.5

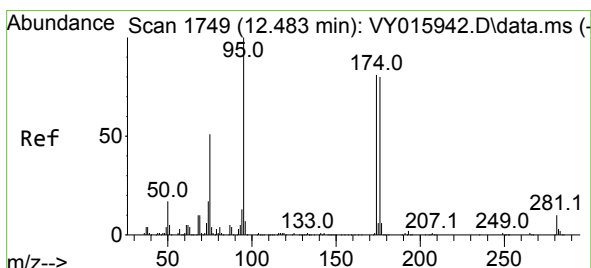
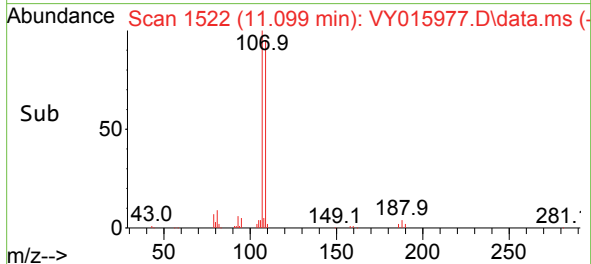
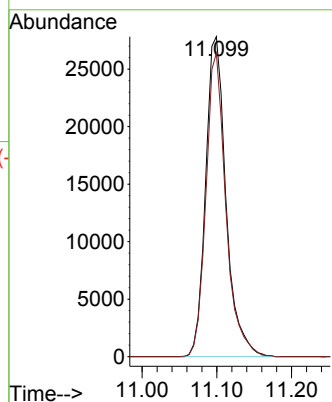
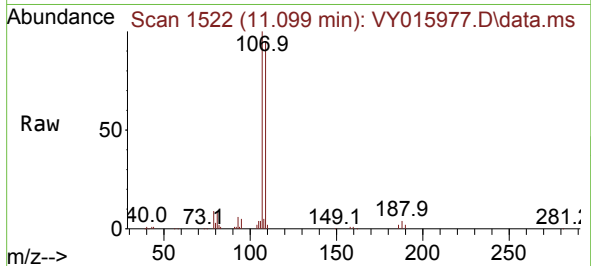




#61
1,2-Dibromoethane
Concen: 20.361 ug/l
RT: 11.099 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015977.D
Acq: 16 Oct 2023 10:57

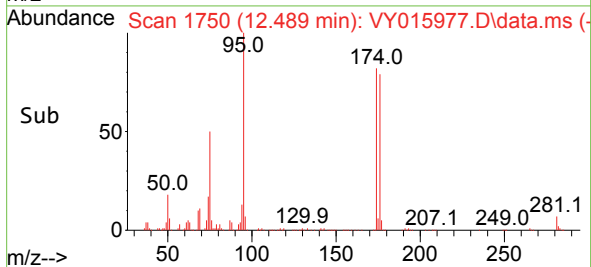
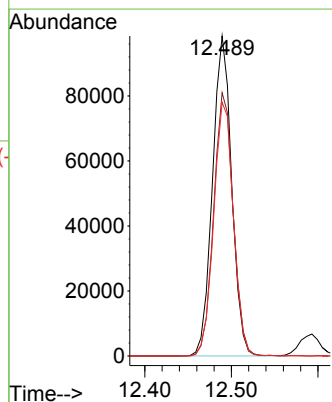
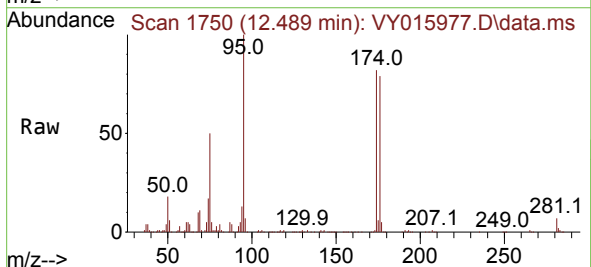
Instrument :
MSVOA_Y
ClientSampleId :

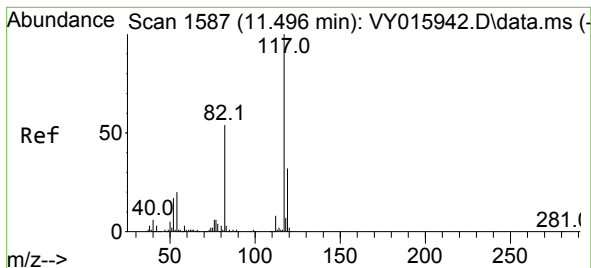
Tgt Ion:107 Resp: 52704
Ion Ratio Lower Upper
107 100
109 92.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 52.830 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY015977.D
Acq: 16 Oct 2023 10:57

Tgt Ion: 95 Resp: 151164
Ion Ratio Lower Upper
95 100
174 83.8 0.0 178.2
176 81.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 1

Delta R.T. 0.000 min

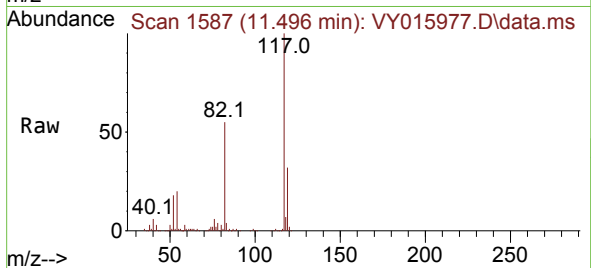
Lab File: VY015977.D

Acq: 16 Oct 2023 10:57

Instrument :

MSVOA_Y

ClientSampleId :



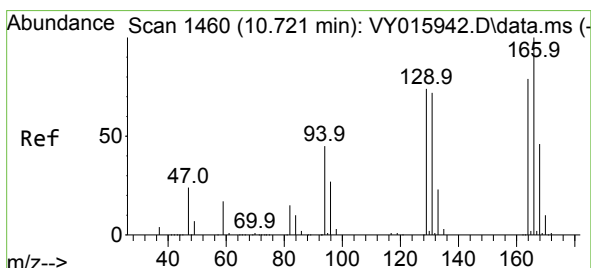
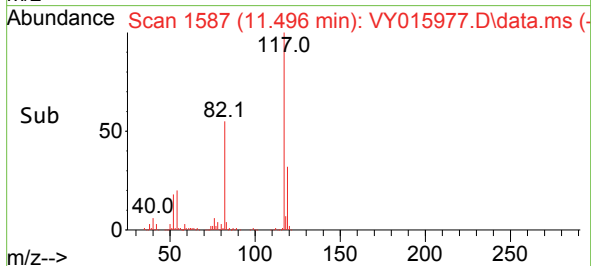
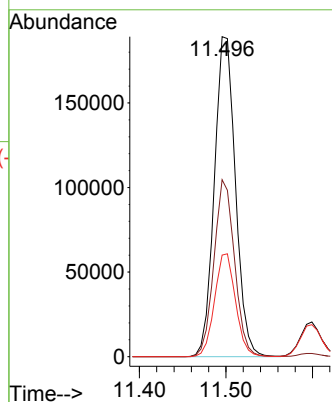
Tgt Ion:117 Resp: 320464

Ion Ratio Lower Upper

117 100

82 55.3 43.4 65.0

119 31.8 26.3 39.5



#64

Tetrachloroethene

Concen: 19.174 ug/l

RT: 10.727 min Scan# 1461

Delta R.T. 0.006 min

Lab File: VY015977.D

Acq: 16 Oct 2023 10:57

Tgt Ion:164 Resp: 53565

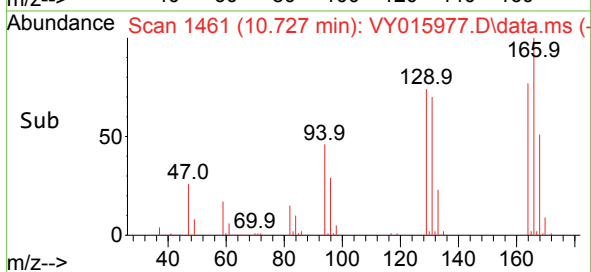
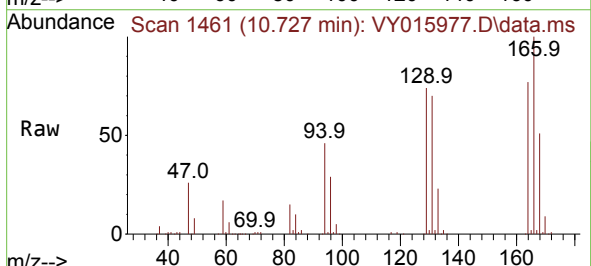
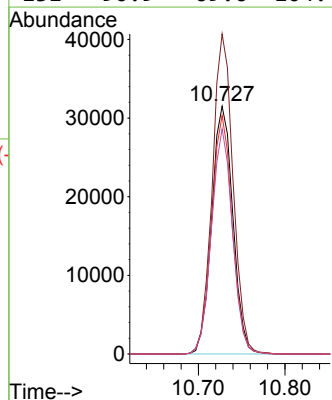
Ion Ratio Lower Upper

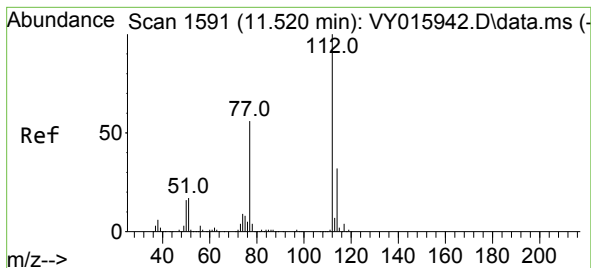
164 100

166 129.2 103.0 154.6

129 96.2 77.2 115.8

131 90.9 69.6 104.4





#65

Chlorobenzene

Concen: 20.226 ug/l

RT: 11.526 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015977.D

Acq: 16 Oct 2023 10:57

Instrument :

MSVOA_Y

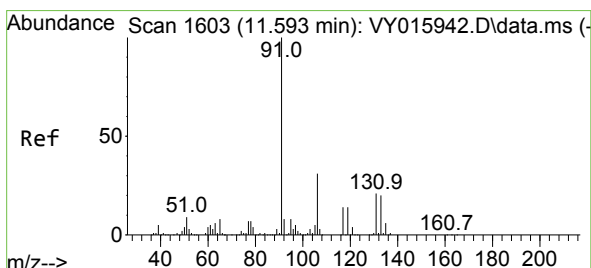
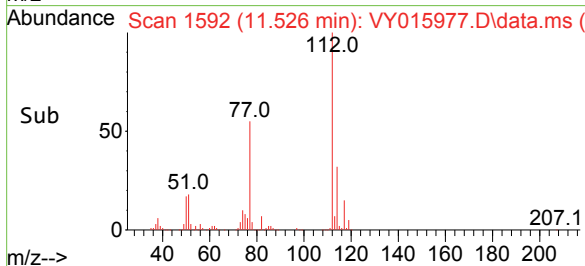
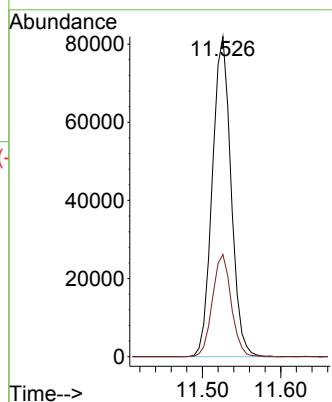
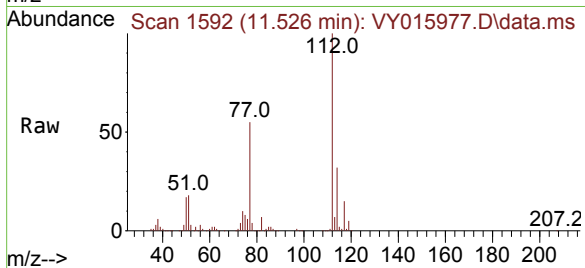
ClientSampleId :

Tgt Ion:112 Resp: 135810

Ion Ratio Lower Upper

112 100

114 32.0 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 20.228 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.006 min

Lab File: VY015977.D

Acq: 16 Oct 2023 10:57

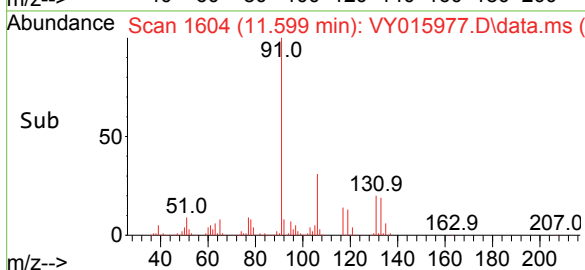
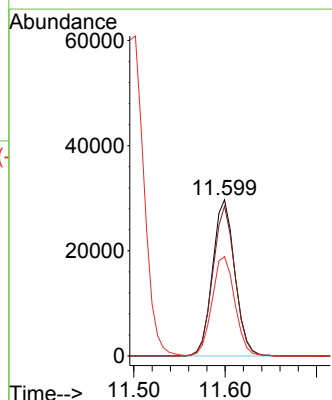
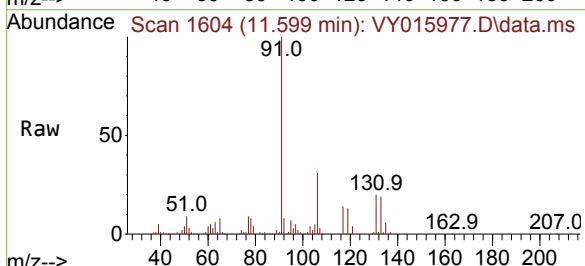
Tgt Ion:131 Resp: 50278

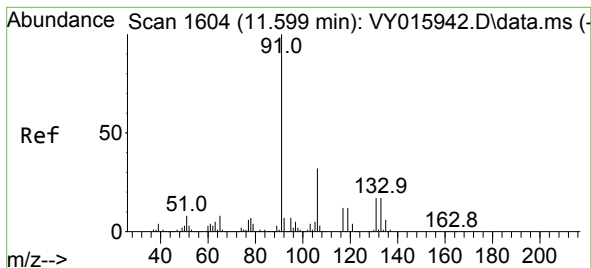
Ion Ratio Lower Upper

131 100

133 95.6 47.5 142.6

119 65.1 31.6 94.7





#67

Ethyl Benzene

Concen: 20.093 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY015977.D

Acq: 16 Oct 2023 10:57

Instrument :

MSVOA_Y

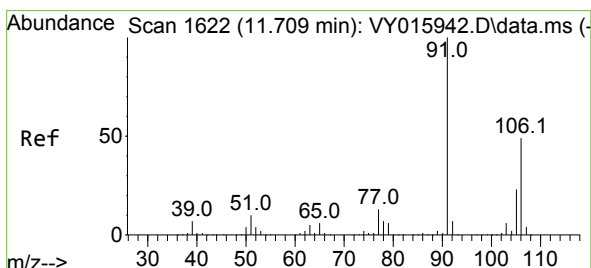
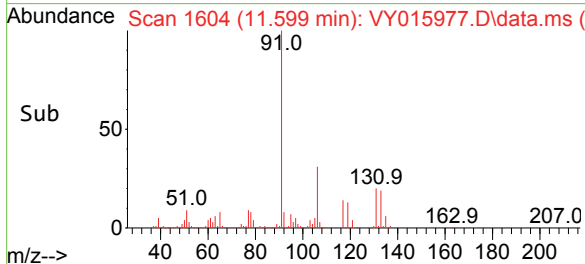
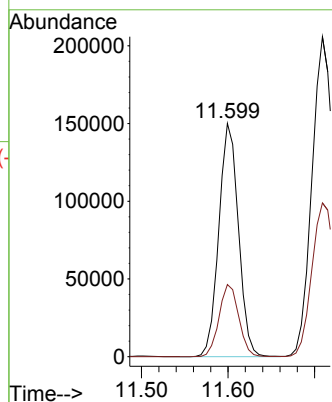
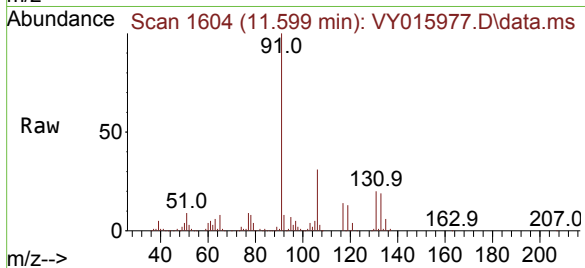
ClientSampleId :

Tgt Ion: 91 Resp: 235904

Ion Ratio Lower Upper

91 100

106 30.9 24.6 36.8



#68

m/p-Xylenes

Concen: 40.889 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.000 min

Lab File: VY015977.D

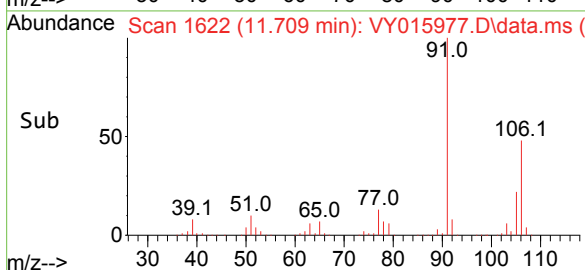
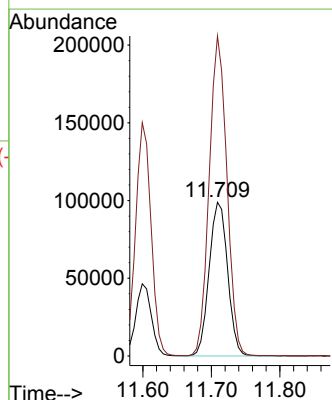
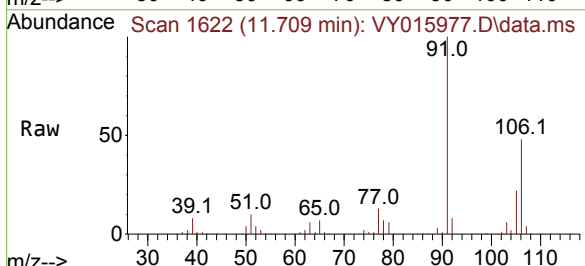
Acq: 16 Oct 2023 10:57

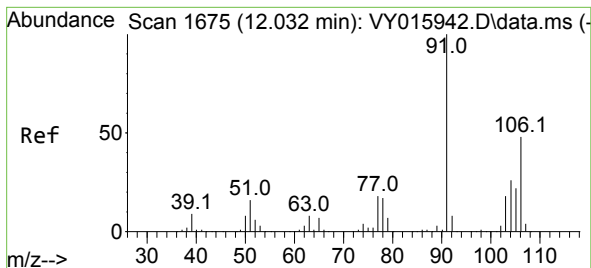
Tgt Ion:106 Resp: 185267

Ion Ratio Lower Upper

106 100

91 199.7 166.1 249.1





#69

o-Xylene

Concen: 20.570 ug/l

RT: 12.038 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015977.D

Acq: 16 Oct 2023 10:57

Instrument :

MSVOA_Y

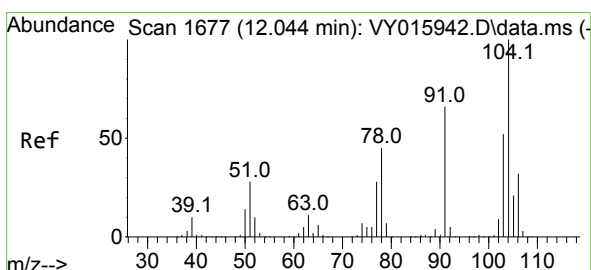
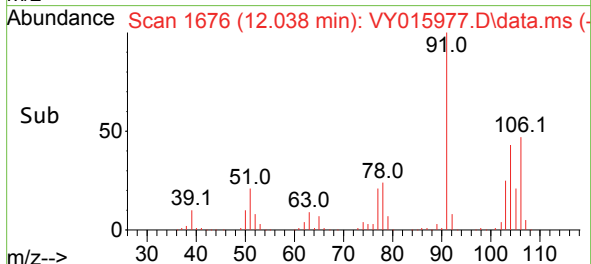
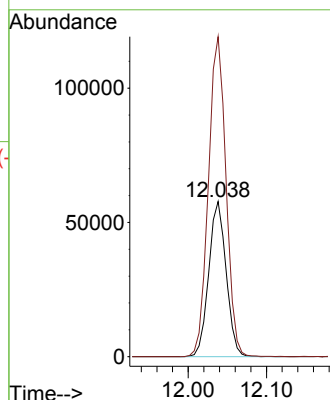
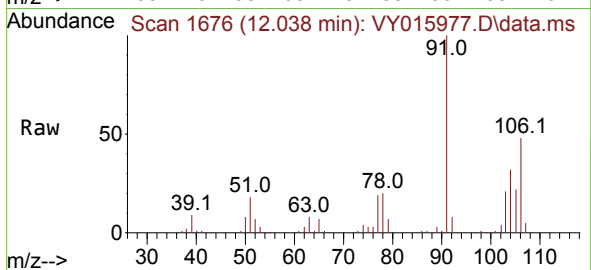
ClientSampleId :

Tgt Ion:106 Resp: 89105

Ion Ratio Lower Upper

106 100

91 208.8 108.1 324.3



#70

Styrene

Concen: 20.679 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.006 min

Lab File: VY015977.D

Acq: 16 Oct 2023 10:57

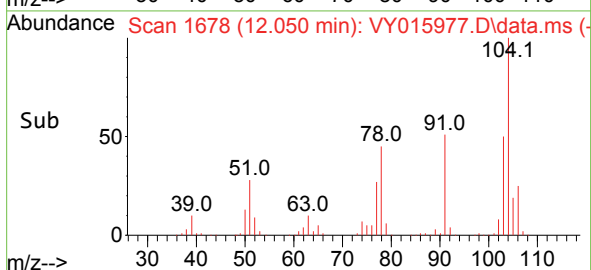
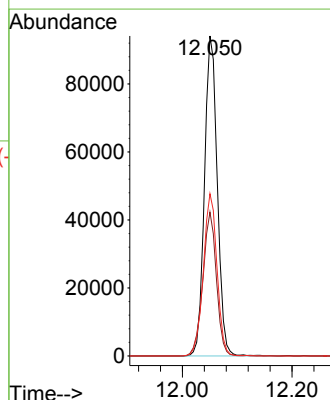
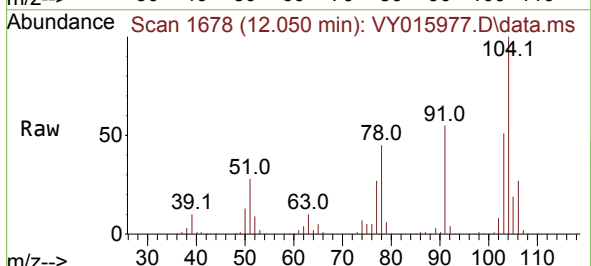
Tgt Ion:104 Resp: 152453

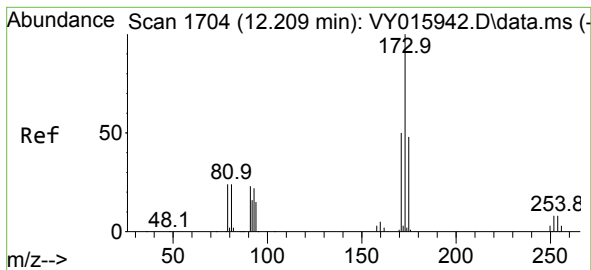
Ion Ratio Lower Upper

104 100

78 47.6 41.5 62.3

103 53.9 44.6 67.0





#71

Bromoform

Concen: 19.813 ug/l

RT: 12.215 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015977.D

Acq: 16 Oct 2023 10:57

Instrument :

MSVOA_Y

ClientSampleId :

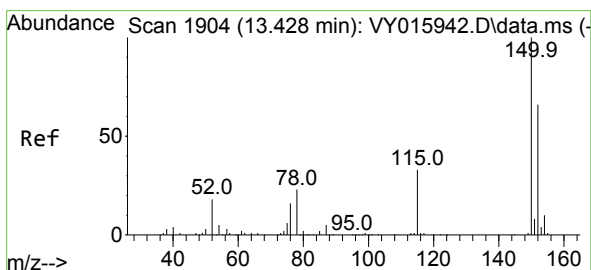
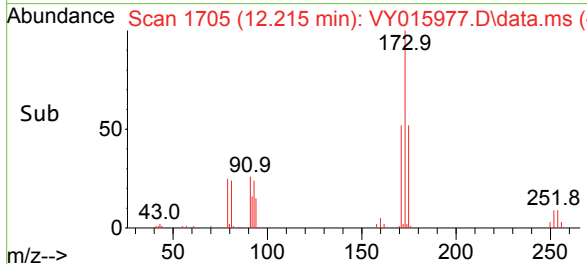
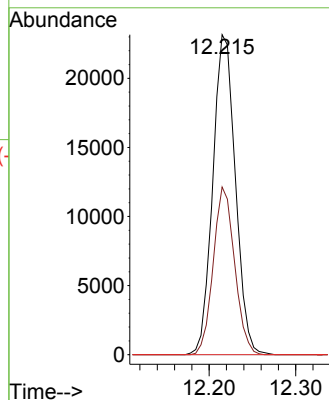
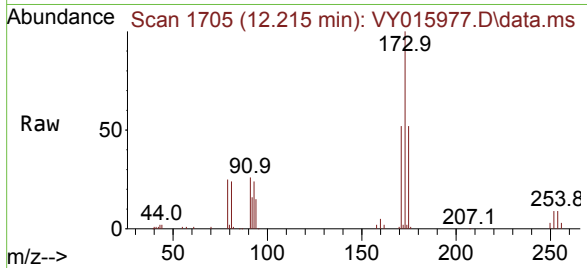
Tgt Ion:173 Resp: 41938

Ion Ratio Lower Upper

173 100

175 49.6 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY015977.D

Acq: 16 Oct 2023 10:57

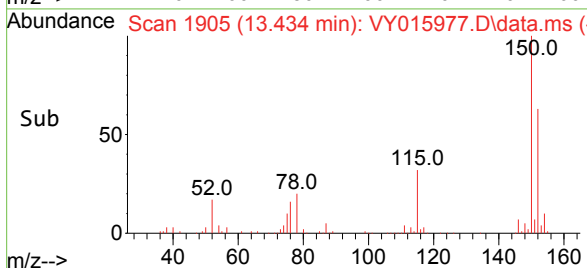
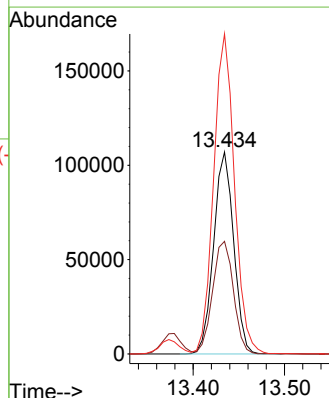
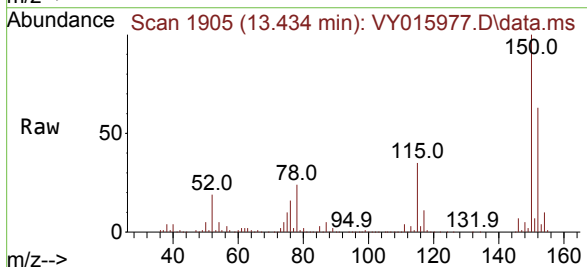
Tgt Ion:152 Resp: 162828

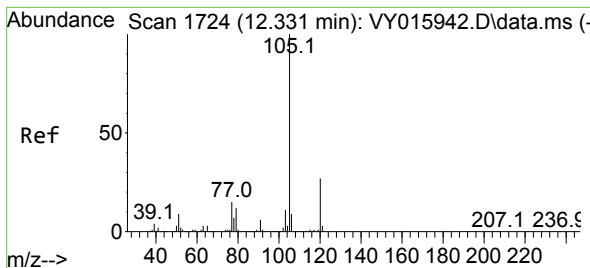
Ion Ratio Lower Upper

152 100

115 58.0 28.8 86.5

150 165.0 0.0 348.8





#73

Isopropylbenzene

Concen: 19.944 ug/l

RT: 12.337 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015977.D

Acq: 16 Oct 2023 10:57

Instrument :

MSVOA_Y

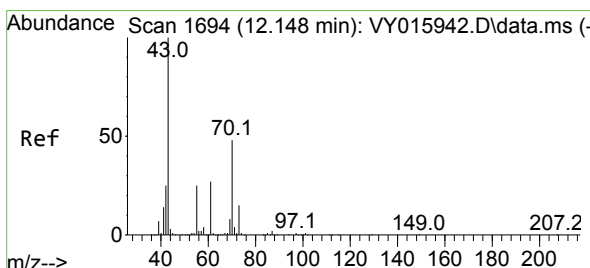
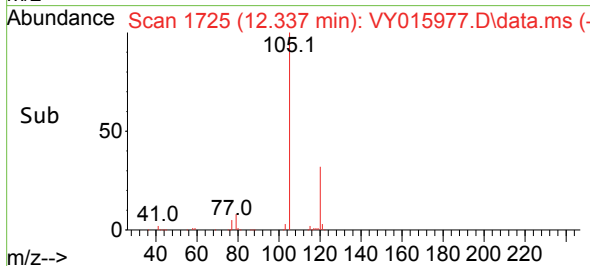
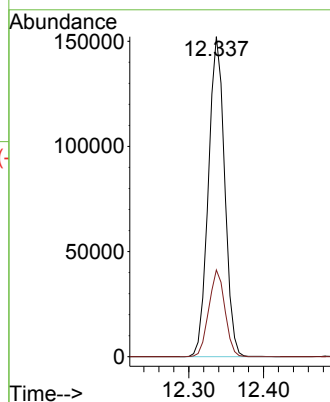
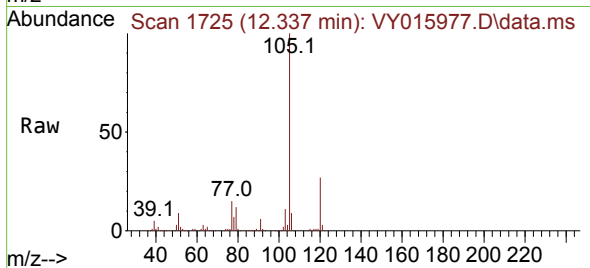
ClientSampleId :

Tgt Ion:105 Resp: 229897

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.9



#74

N-ethyl acetate

Concen: 20.451 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. 0.006 min

Lab File: VY015977.D

Acq: 16 Oct 2023 10:57

Tgt Ion: 43 Resp: 95236

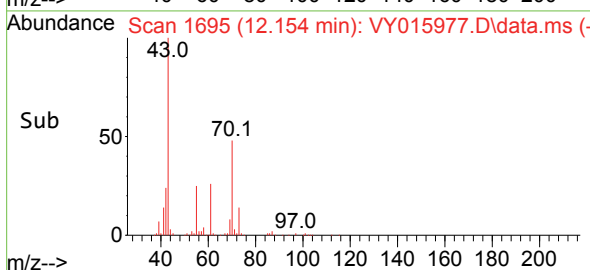
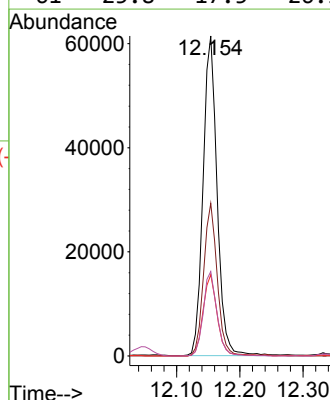
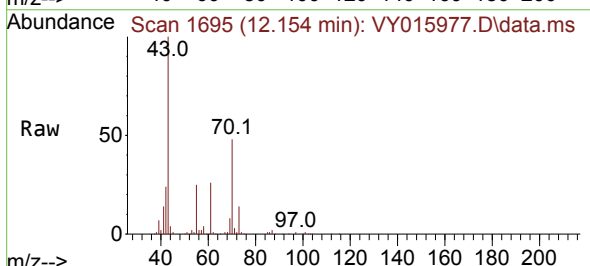
Ion Ratio Lower Upper

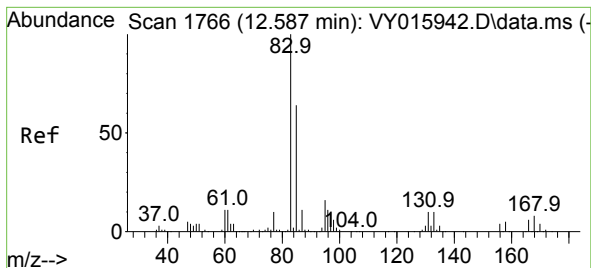
43 100

70 46.5 29.7 44.5

55 25.5 18.3 27.5

61 25.8 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 19.565 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.000 min

Lab File: VY015977.D

Acq: 16 Oct 2023 10:57

Instrument :

MSVOA_Y

ClientSampleId :

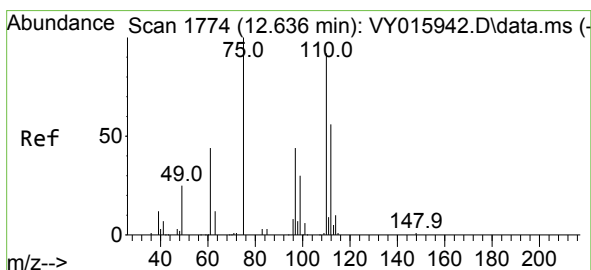
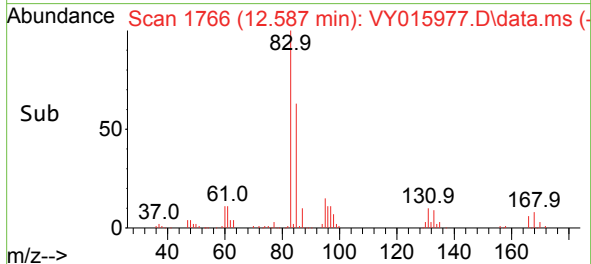
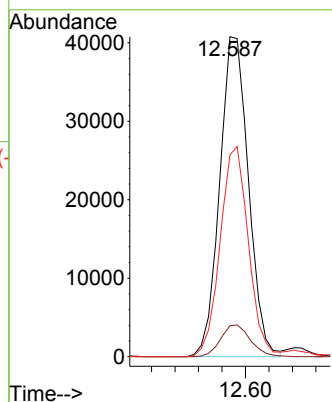
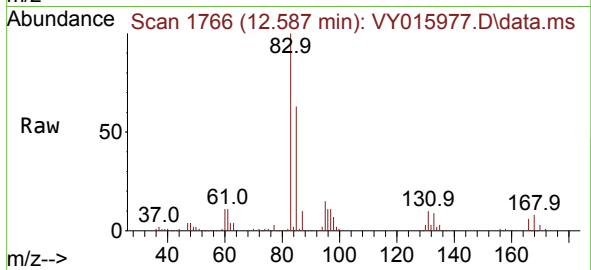
Tgt Ion: 83 Resp: 69270

Ion Ratio Lower Upper

83 100

131 10.3 5.4 16.2

85 64.6 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 32.268 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY015977.D

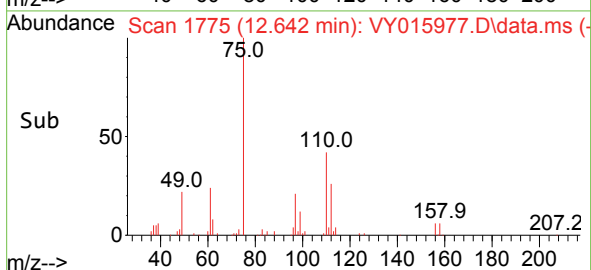
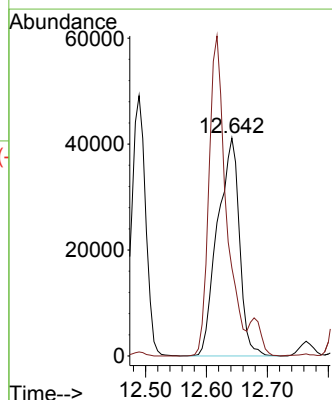
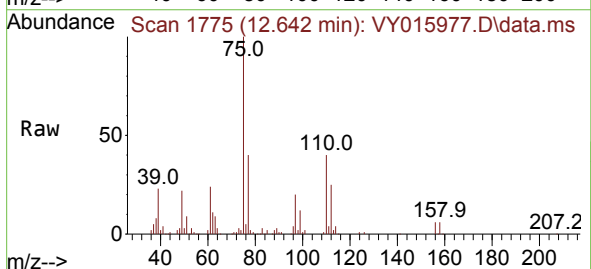
Acq: 16 Oct 2023 10:57

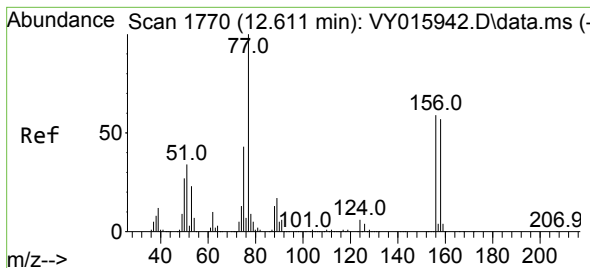
Tgt Ion: 75 Resp: 102825

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.016 ug/l

RT: 12.617 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY015977.D

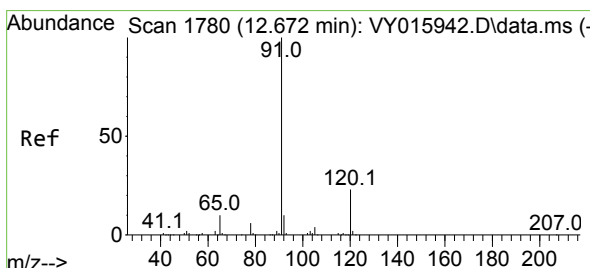
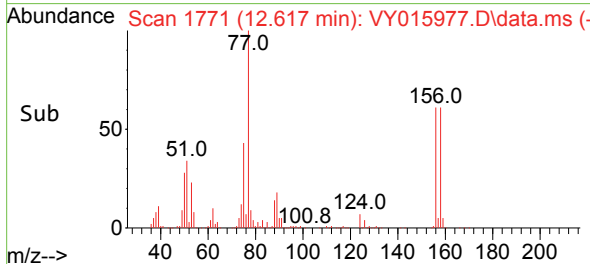
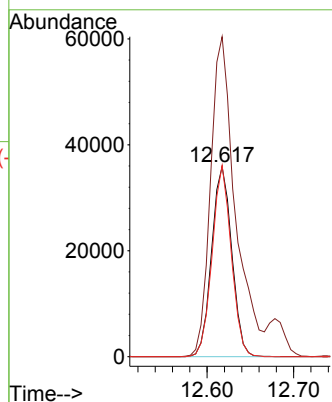
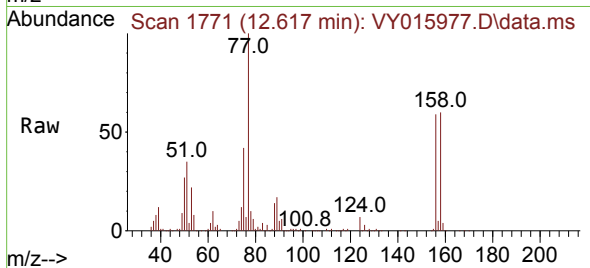
Acq: 16 Oct 2023 10:57

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	57920
Ion Ratio	Lower	Upper	
156	100		
77	207.8	92.8	278.6
158	95.4	48.4	145.3



#78

n-propylbenzene

Concen: 20.213 ug/l

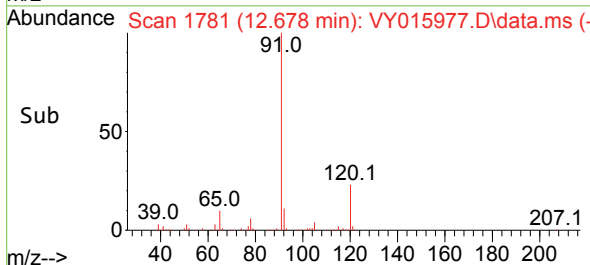
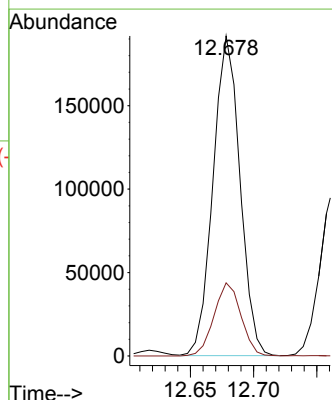
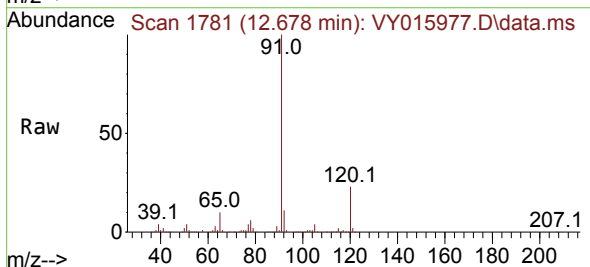
RT: 12.678 min Scan# 1781

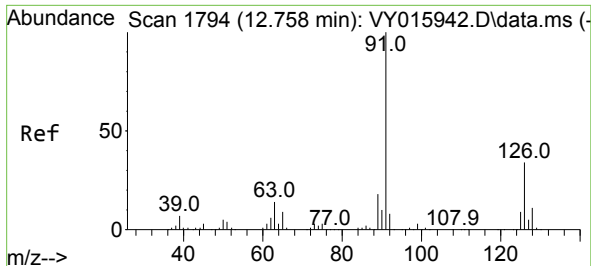
Delta R.T. 0.006 min

Lab File: VY015977.D

Acq: 16 Oct 2023 10:57

Tgt Ion:	91	Resp:	283324
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.5	34.4

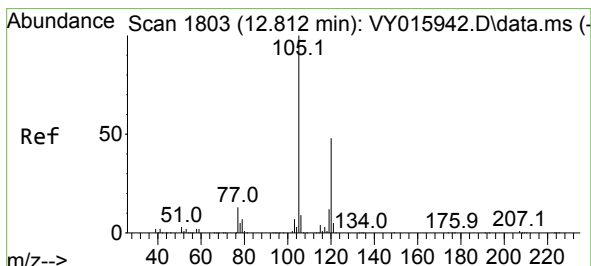
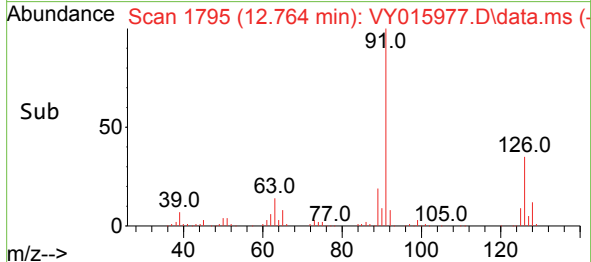
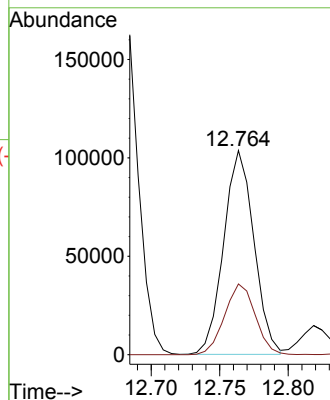
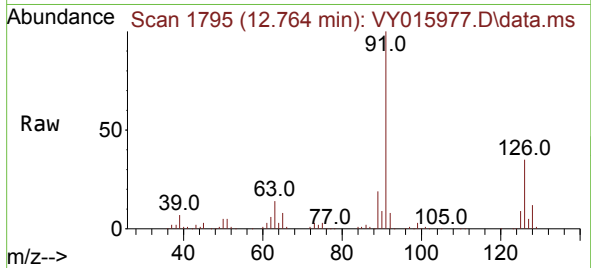




#79
2-Chlorotoluene
Concen: 20.110 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VY015977.D
Acq: 16 Oct 2023 10:57

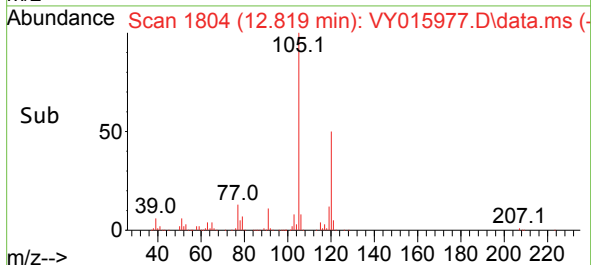
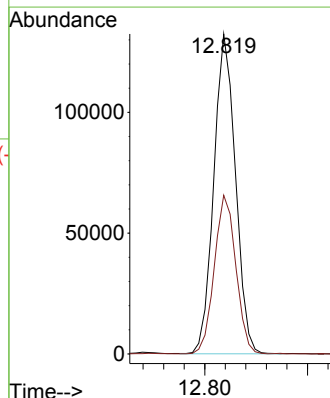
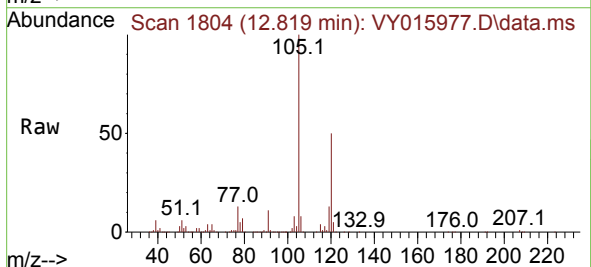
Instrument :
MSVOA_Y
ClientSampleId :

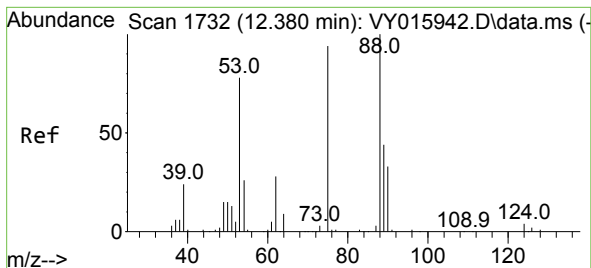
Tgt Ion: 91 Resp: 159432
Ion Ratio Lower Upper
91 100
126 35.2 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 20.174 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY015977.D
Acq: 16 Oct 2023 10:57

Tgt Ion: 105 Resp: 193199
Ion Ratio Lower Upper
105 100
120 49.3 23.9 71.7

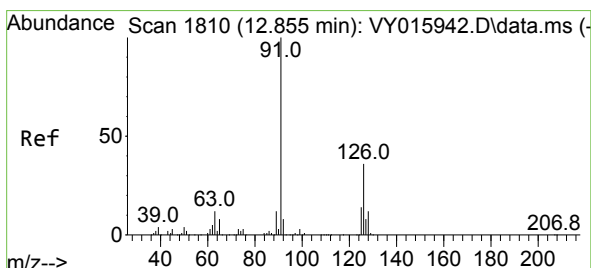
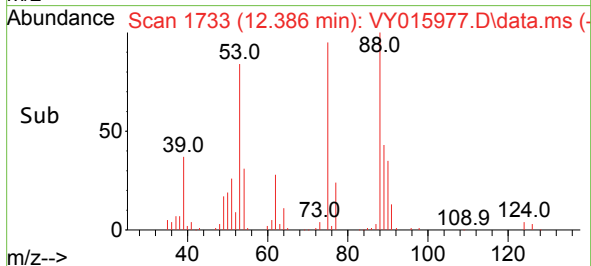
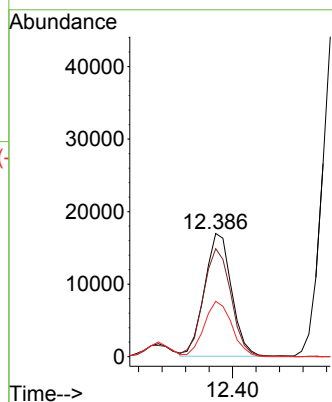
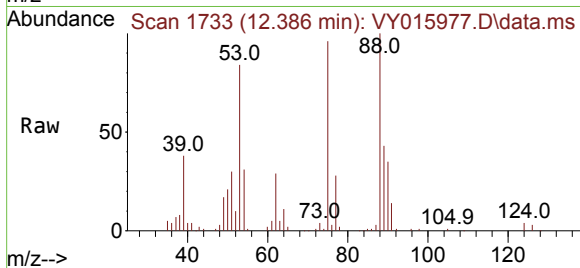




#81
trans-1,4-Dichloro-2-butene
Concen: 20.023 ug/l
RT: 12.386 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015977.D
Acq: 16 Oct 2023 10:57

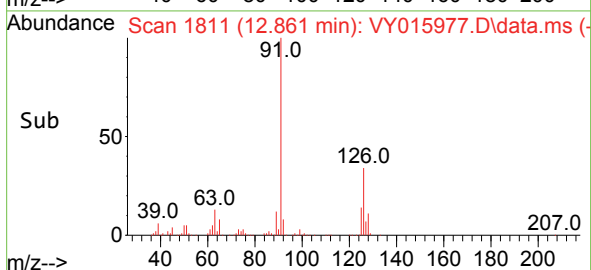
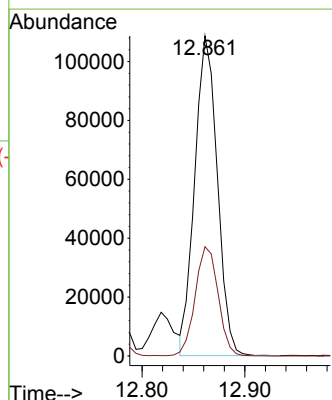
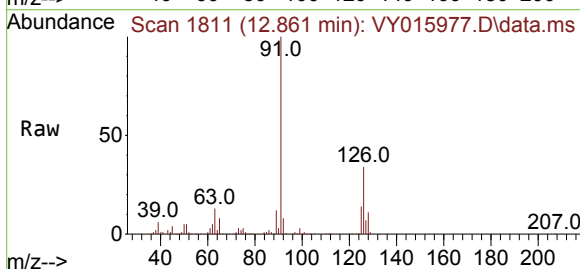
Instrument :
MSVOA_Y
ClientSampleId :

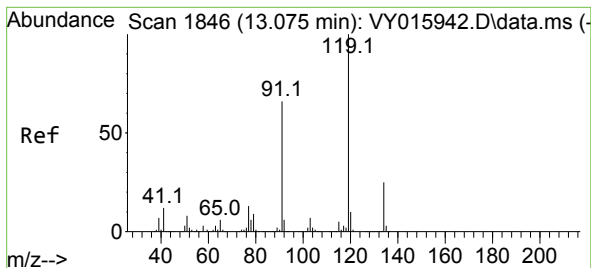
Tgt Ion: 75 Resp: 27086
Ion Ratio Lower Upper
75 100
53 90.7 77.8 116.8
89 46.3 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.340 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY015977.D
Acq: 16 Oct 2023 10:57

Tgt Ion: 91 Resp: 165735
Ion Ratio Lower Upper
91 100
126 34.9 17.2 51.6





#83

tert-Butylbenzene

Concen: 19.718 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY015977.D

Acq: 16 Oct 2023 10:57

Instrument :

MSVOA_Y

ClientSampleId :

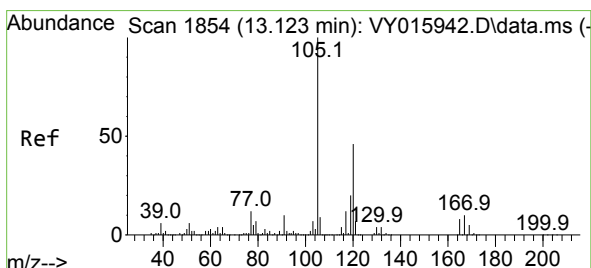
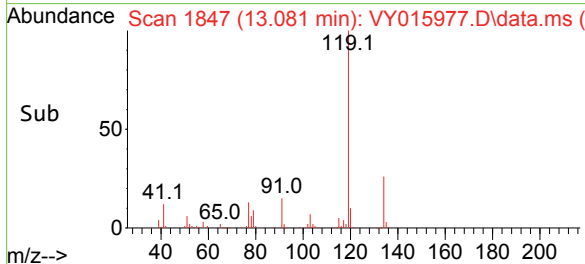
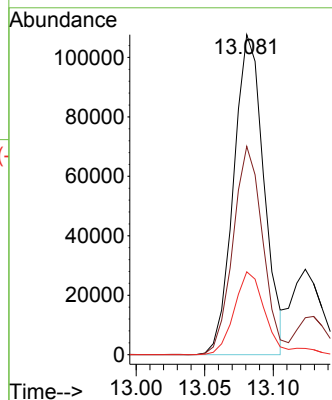
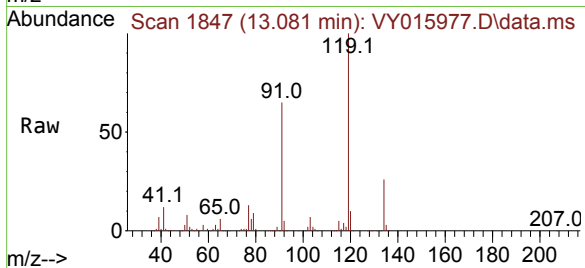
Tgt Ion:119 Resp: 165929

Ion Ratio Lower Upper

119 100

91 64.2 32.9 98.6

134 27.2 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 20.403 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. 0.006 min

Lab File: VY015977.D

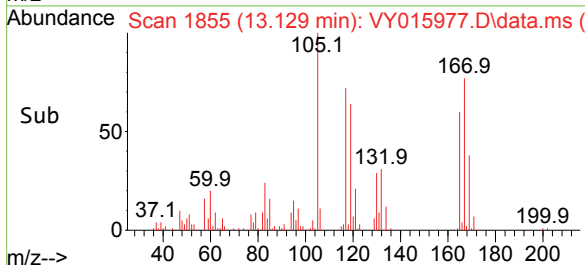
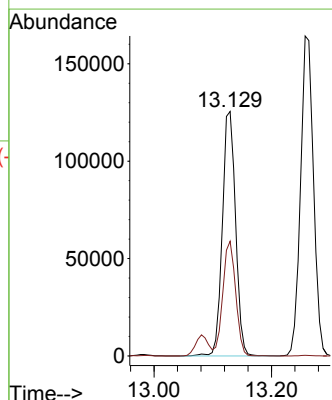
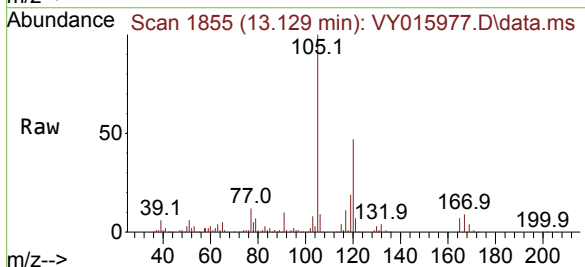
Acq: 16 Oct 2023 10:57

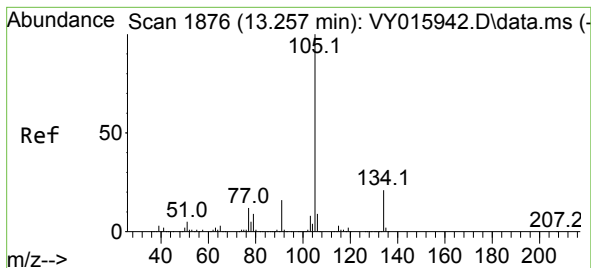
Tgt Ion:105 Resp: 196130

Ion Ratio Lower Upper

105 100

120 45.7 22.2 66.6





#85

sec-Butylbenzene

Concen: 20.147 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY015977.D

Acq: 16 Oct 2023 10:57

Instrument :

MSVOA_Y

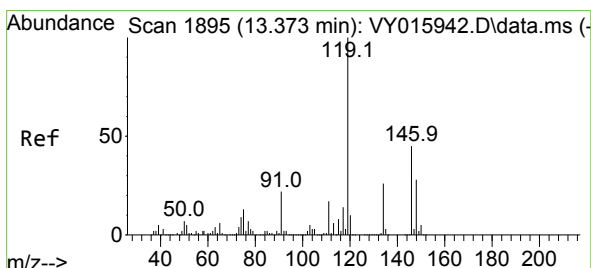
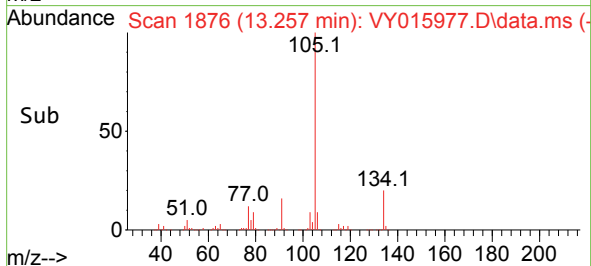
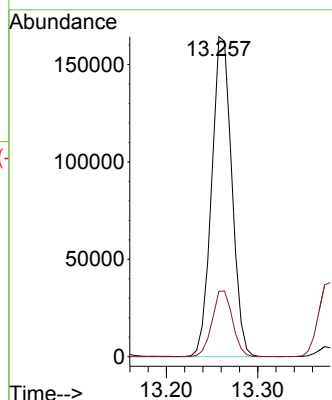
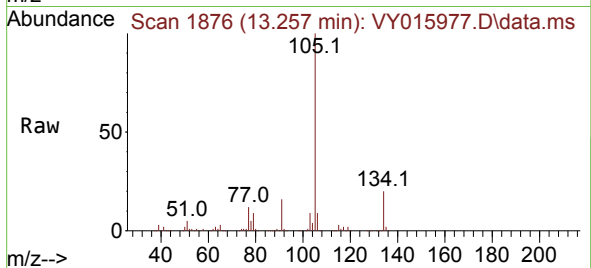
ClientSampleId :

Tgt Ion:105 Resp: 251612

Ion Ratio Lower Upper

105 100

134 20.8 10.2 30.6



#86

p-Isopropyltoluene

Concen: 20.282 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY015977.D

Acq: 16 Oct 2023 10:57

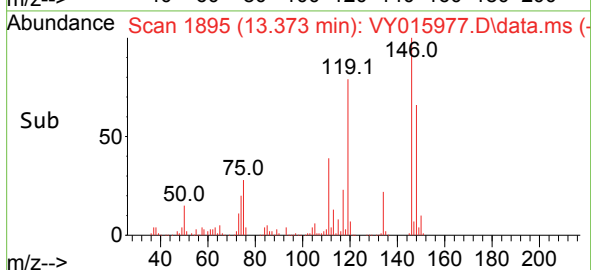
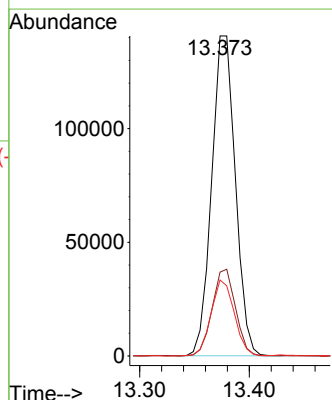
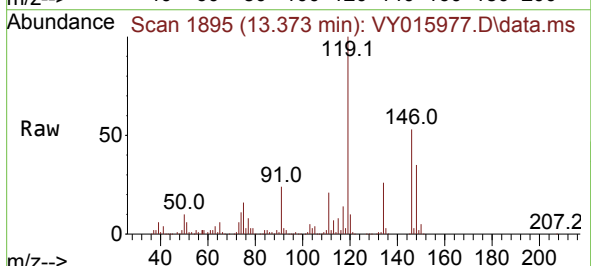
Tgt Ion:119 Resp: 211664

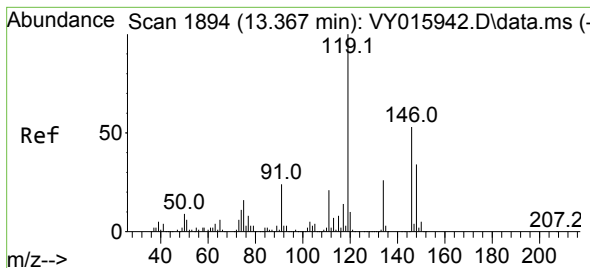
Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.8

91 23.4 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 20.304 ug/l

RT: 13.373 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015977.D

Acq: 16 Oct 2023 10:57

Instrument :

MSVOA_Y

ClientSampleId :

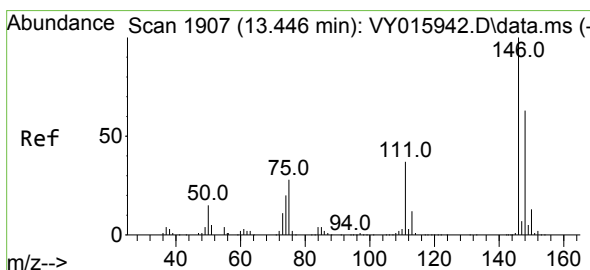
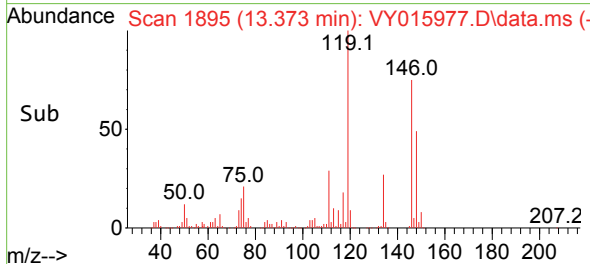
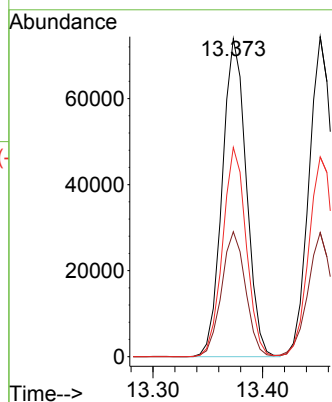
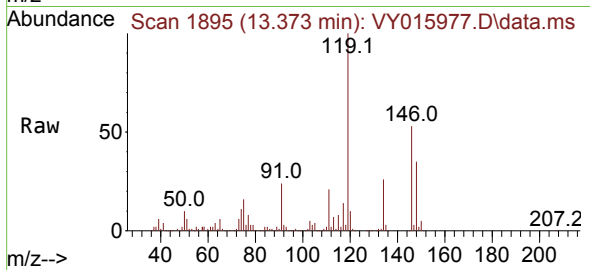
Tgt Ion:146 Resp: 112830

Ion Ratio Lower Upper

146 100

111 39.2 19.4 58.2

148 64.3 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 20.512 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY015977.D

Acq: 16 Oct 2023 10:57

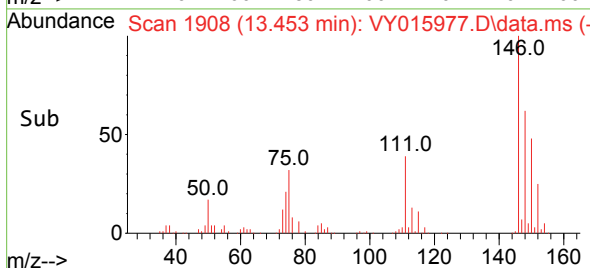
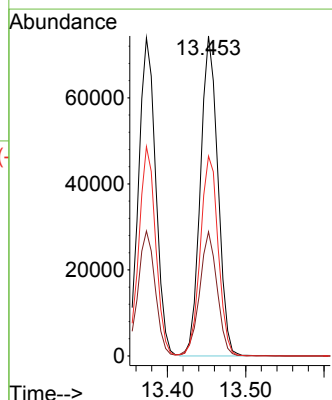
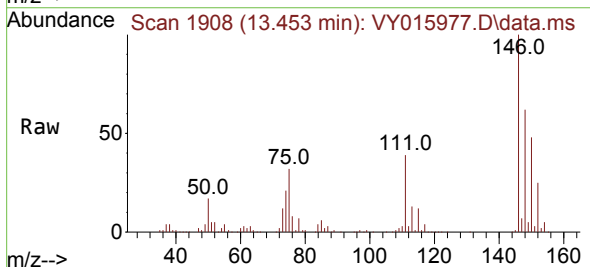
Tgt Ion:146 Resp: 115103

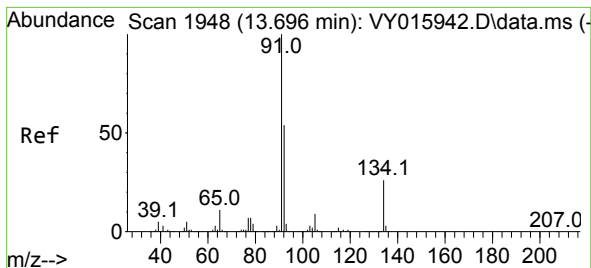
Ion Ratio Lower Upper

146 100

111 38.8 18.9 56.7

148 63.9 32.1 96.5





#89

n-Butylbenzene

Concen: 20.395 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY015977.D

Acq: 16 Oct 2023 10:57

Instrument :

MSVOA_Y

ClientSampleId :

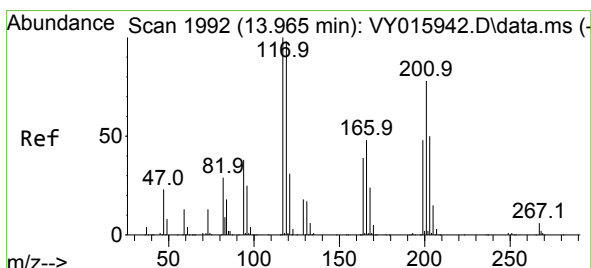
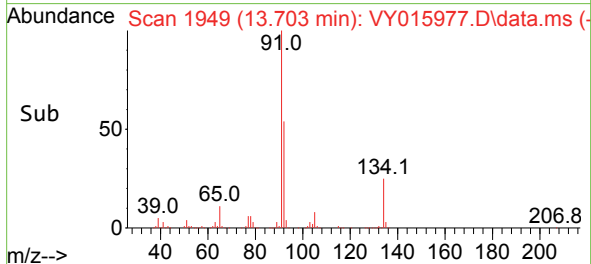
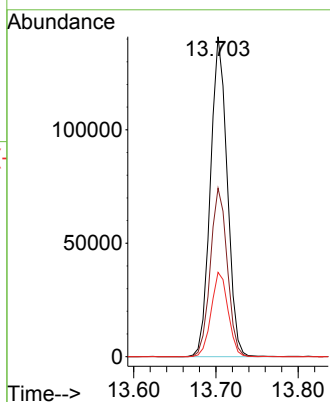
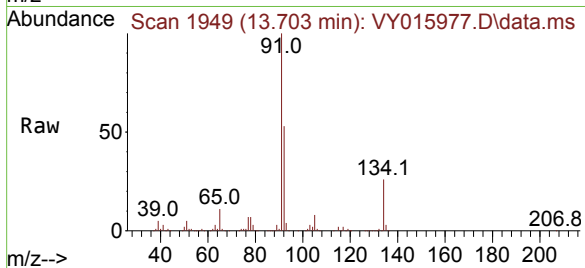
Tgt Ion: 91 Resp: 200155

Ion Ratio Lower Upper

91 100

92 52.9 25.4 76.0

134 26.5 12.6 37.6



#90

Hexachloroethane

Concen: 20.127 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.006 min

Lab File: VY015977.D

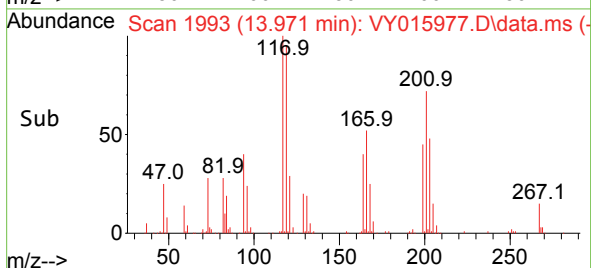
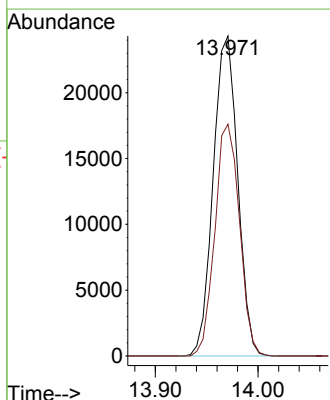
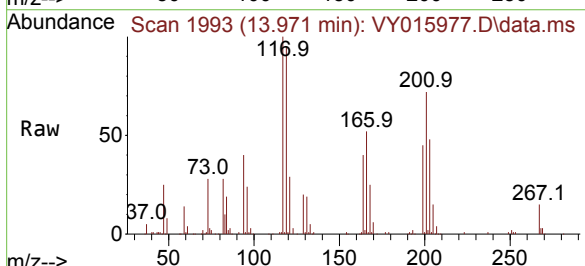
Acq: 16 Oct 2023 10:57

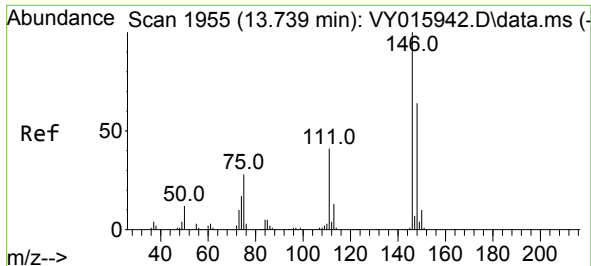
Tgt Ion: 117 Resp: 40259

Ion Ratio Lower Upper

117 100

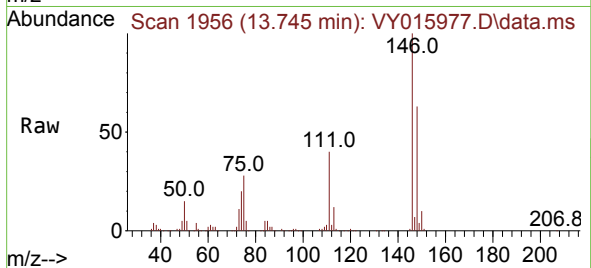
201 72.7 41.6 124.8



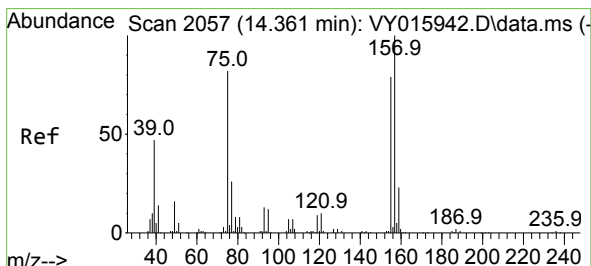
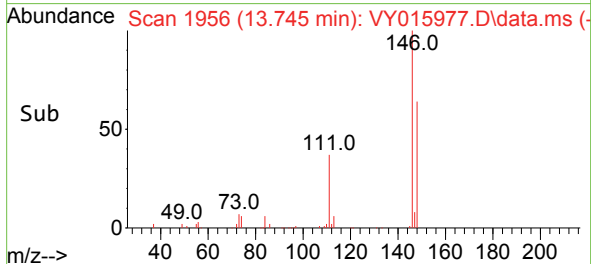
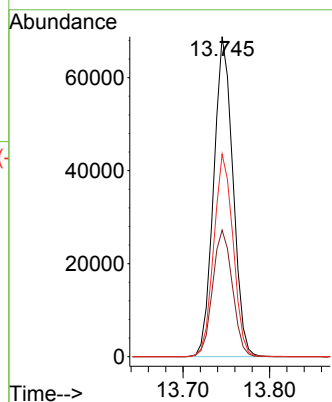


#91
1,2-Dichlorobenzene
Concen: 20.369 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VY015977.D
Acq: 16 Oct 2023 10:57

Instrument :
MSVOA_Y
ClientSampleId :

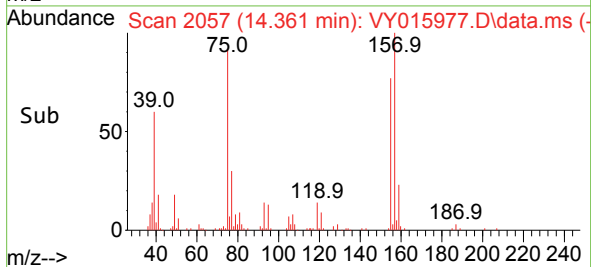
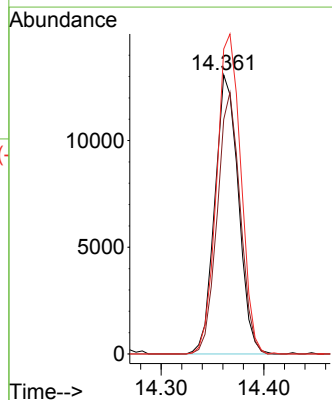
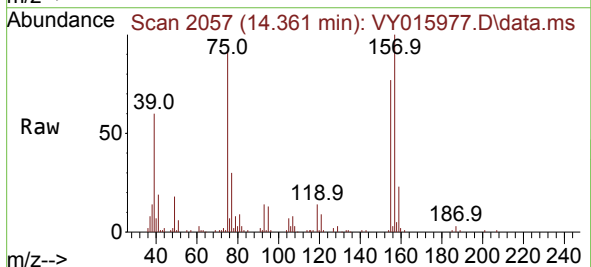


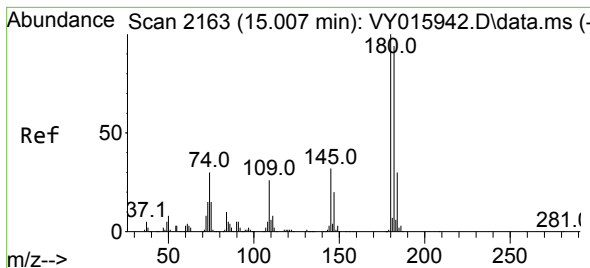
Tgt Ion:146 Resp: 106200
Ion Ratio Lower Upper
146 100
111 40.6 19.7 59.0
148 63.6 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.575 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY015977.D
Acq: 16 Oct 2023 10:57

Tgt Ion: 75 Resp: 20839
Ion Ratio Lower Upper
75 100
155 91.1 41.5 124.6
157 117.6 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 19.808 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.006 min

Lab File: VY015977.D

Acq: 16 Oct 2023 10:57

Instrument :

MSVOA_Y

ClientSampleId :

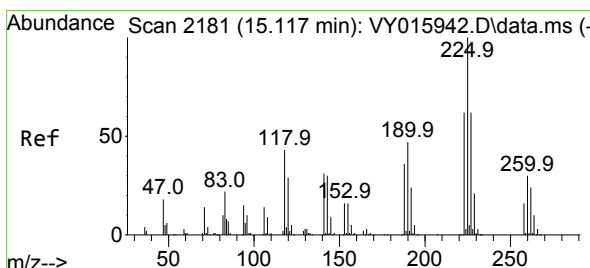
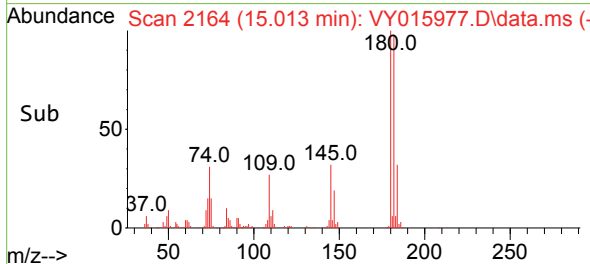
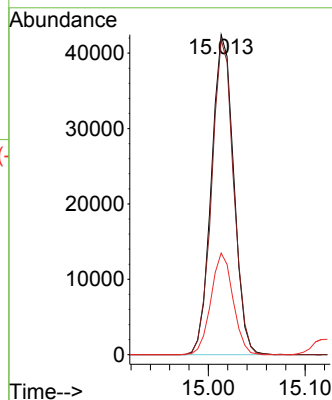
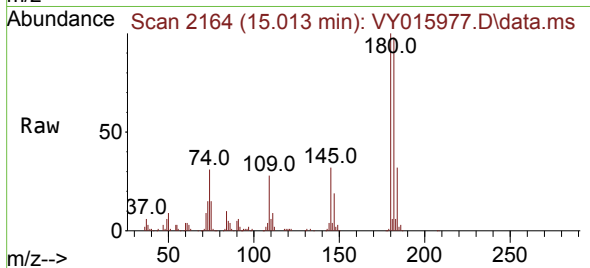
Tgt Ion:180 Resp: 67883

Ion Ratio Lower Upper

180 100

182 97.0 47.0 141.2

145 31.5 14.5 43.5



#94

Hexachlorobutadiene

Concen: 20.326 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY015977.D

Acq: 16 Oct 2023 10:57

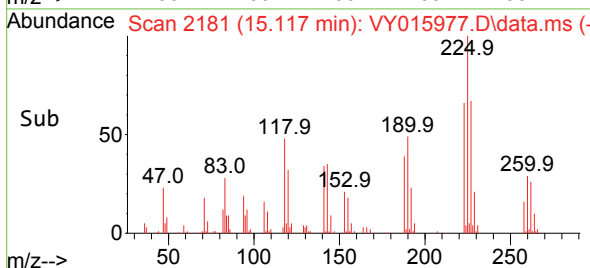
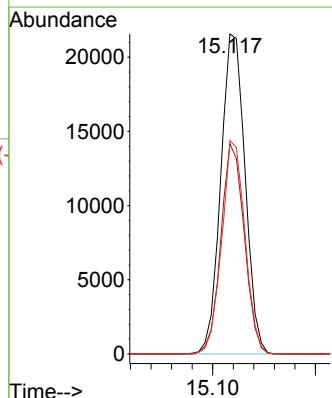
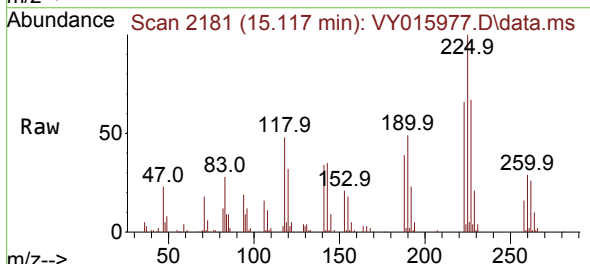
Tgt Ion:225 Resp: 35367

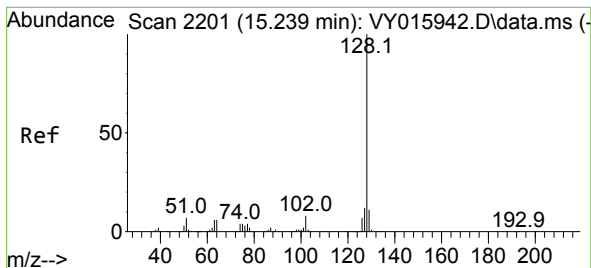
Ion Ratio Lower Upper

225 100

223 63.2 31.9 95.9

227 63.9 33.0 98.9





#95

Naphthalene

Concen: 20.157 ug/l

RT: 15.245 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY015977.D

Acq: 16 Oct 2023 10:57

Instrument :

MSVOA_Y

ClientSampleId :

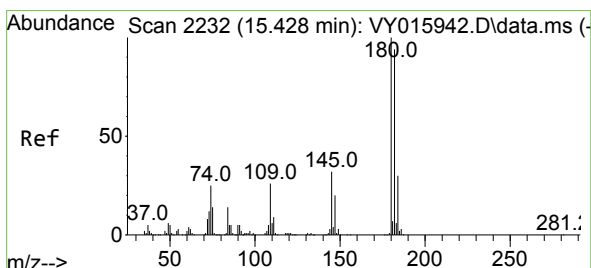
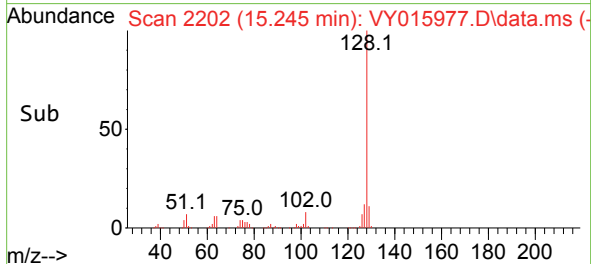
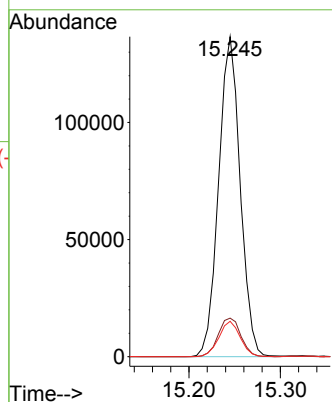
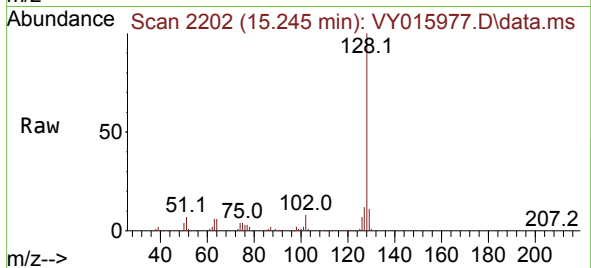
Tgt Ion:128 Resp: 224097

Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.105 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY015977.D

Acq: 16 Oct 2023 10:57

Tgt Ion:180 Resp: 66056

Ion Ratio Lower Upper

180 100

182 95.8 47.3 141.8

145 32.3 15.4 46.2

