

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101323\
 Data File : VY015971.D
 Acq On : 13 Oct 2023 20:33
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 14 01:52:52 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	210290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	349188	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	326884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	165761	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	118492	49.372	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.740%
35) Dibromofluoromethane	7.734	113	107422	48.865	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.740%
50) Toluene-d8	10.191	98	405289	49.230	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.460%
62) 4-Bromofluorobenzene	12.489	95	146353	49.925	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.840%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	89489	50.858	ug/l	97
3) Chloromethane	2.119	50	130080	47.606	ug/l	98
4) Vinyl Chloride	2.259	62	127412	56.605	ug/l	97
5) Bromomethane	2.668	94	86642	68.052	ug/l	98
6) Chloroethane	2.808	64	79200	54.446	ug/l	98
7) Trichlorofluoromethane	3.131	101	215697	56.496	ug/l	99
8) Diethyl Ether	3.546	74	80727	56.575	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.905	101	115151	53.043	ug/l	94
10) Methyl Iodide	4.101	142	138411	55.446	ug/l	99
11) Tert butyl alcohol	5.070	59	195869	140.667	ug/l	99
12) 1,1-Dichloroethene	3.875	96	111985	54.758	ug/l	93
13) Acrolein	3.753	56	129599	285.918	ug/l	98
14) Allyl chloride	4.491	41	180768	54.700	ug/l	92
15) Acrylonitrile	5.198	53	362287	288.213	ug/l	98
16) Acetone	3.991	43	365521	262.185	ug/l	89
17) Carbon Disulfide	4.198	76	315818	50.524	ug/l	99
18) Methyl Acetate	4.509	43	281714	58.256	ug/l	92
19) Methyl tert-butyl Ether	5.253	73	362794	52.919	ug/l	98
20) Methylene Chloride	4.729	84	138617	52.267	ug/l	92
21) trans-1,2-Dichloroethene	5.235	96	124028	51.885	ug/l	95
22) Diisopropyl ether	6.149	45	374953	54.639	ug/l	97
23) Vinyl Acetate	6.088	43	1217863	269.761	ug/l #	94
24) 1,1-Dichloroethane	6.039	63	215107	52.683	ug/l	97
25) 2-Butanone	7.021	43	542455	267.346	ug/l	95
26) 2,2-Dichloropropane	6.996	77	171157	50.482	ug/l	98
27) cis-1,2-Dichloroethene	7.002	96	141263	52.556	ug/l	93
28) Bromochloromethane	7.350	49	95717	52.532	ug/l	95
29) Tetrahydrofuran	7.380	42	467224	335.922	ug/l	95
30) Chloroform	7.521	83	228218	53.851	ug/l	99
31) Cyclohexane	7.801	56	188083	49.230	ug/l	91
32) 1,1,1-Trichloroethane	7.716	97	196919	52.245	ug/l	98
36) 1,1-Dichloropropene	7.935	75	171320	51.649	ug/l	98
37) Ethyl Acetate	7.100	43	340198	66.471	ug/l #	90
38) Carbon Tetrachloride	7.917	117	176870	50.632	ug/l	98
39) Methylcyclohexane	9.197	83	215975	50.750	ug/l	93
40) Benzene	8.173	78	503006	52.411	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	79740	47.253	ug/l #	85
42) 1,2-Dichloroethane	8.252	62	163667	53.147	ug/l	93
43) Isopropyl Acetate	8.295	43	315713	57.420	ug/l	99
44) Trichloroethene	8.953	130	154227	52.146	ug/l	97
45) 1,2-Dichloropropane	9.228	63	129664	52.947	ug/l	98
46) Dibromomethane	9.319	93	92303	53.622	ug/l	96
47) Bromodichloromethane	9.508	83	182684	52.556	ug/l	99
48) Methyl methacrylate	9.307	41	137009	56.414	ug/l #	85
49) 1,4-Dioxane	9.350	88	69857	1455.182	ug/l #	54
51) 4-Methyl-2-Pentanone	10.087	43	1186531	292.822	ug/l	91
52) Toluene	10.258	92	324834	52.938	ug/l	94
53) t-1,3-Dichloropropene	10.477	75	205812	52.807	ug/l	99
54) cis-1,3-Dichloropropene	9.941	75	217270	51.859	ug/l	90
55) 1,1,2-Trichloroethane	10.654	97	128408	52.394	ug/l	96
56) Ethyl methacrylate	10.520	69	212955	55.505	ug/l #	86
57) 1,3-Dichloropropane	10.801	76	219518	52.798	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.795	63	645973	383.681	ug/l	95
59) 2-Hexanone	10.843	43	1038625	300.277	ug/l	88
60) Dibromochloromethane	10.996	129	148227	53.185	ug/l	99
61) 1,2-Dibromoethane	11.099	107	140671	53.046	ug/l	99
64) Tetrachloroethene	10.734	164	147624	51.806	ug/l	96
65) Chlorobenzene	11.526	112	354436	51.750	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	132835	52.393	ug/l	99
67) Ethyl Benzene	11.605	91	624095	52.113	ug/l	97
68) m/p-Xylenes	11.709	106	483804	104.680	ug/l	95
69) o-Xylene	12.038	106	233670	52.883	ug/l	98
70) Styrene	12.056	104	403721	53.686	ug/l	96
71) Bromoform	12.221	173	115726	53.600	ug/l #	99
73) Isopropylbenzene	12.337	105	604535	51.518	ug/l	100
74) N-amyl acetate	12.154	43	265355	55.975	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.593	83	185634	51.503	ug/l	100
76) 1,2,3-Trichloropropane	12.642	75	280278	86.400	ug/l #	100
77) Bromobenzene	12.617	156	152398	51.734	ug/l	90
78) n-propylbenzene	12.678	91	734660	51.484	ug/l	100
79) 2-Chlorotoluene	12.764	91	415899	51.530	ug/l	100
80) 1,3,5-Trimethylbenzene	12.819	105	506727	51.978	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.386	75	74267	53.931	ug/l	93
82) 4-Chlorotoluene	12.861	91	431728	52.047	ug/l	99
83) tert-Butylbenzene	13.081	119	446701	52.145	ug/l	97
84) 1,2,4-Trimethylbenzene	13.129	105	508648	51.977	ug/l	98
85) sec-Butylbenzene	13.264	105	651165	51.218	ug/l	100
86) p-Isopropyltoluene	13.379	119	545967	51.389	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	288053	50.919	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	292239	51.156	ug/l	99
89) n-Butylbenzene	13.703	91	505869	50.635	ug/l	96
90) Hexachloroethane	13.971	117	103955	51.052	ug/l	91
91) 1,2-Dichlorobenzene	13.745	146	275186	51.846	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	57271	55.545	ug/l	87
93) 1,2,4-Trichlorobenzene	15.013	180	171801	49.245	ug/l	98
94) Hexachlorobutadiene	15.117	225	82464	46.554	ug/l	98
95) Naphthalene	15.245	128	636917	56.275	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	164256	49.110	ug/l	98

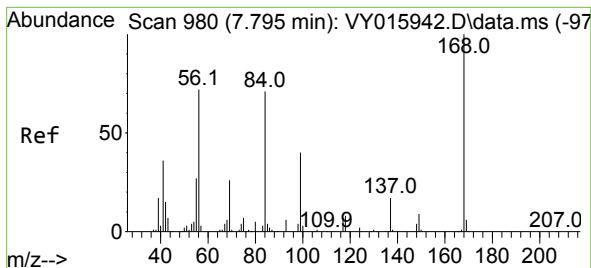
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.801 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY015971.D

Acq: 13 Oct 2023 20:33

Instrument :

MSVOA_Y

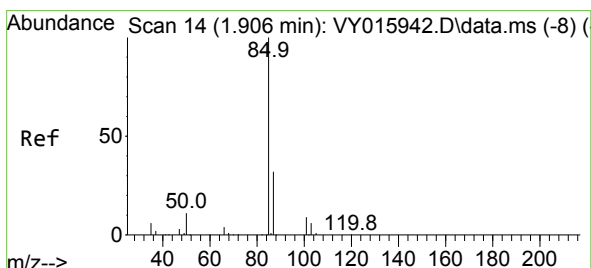
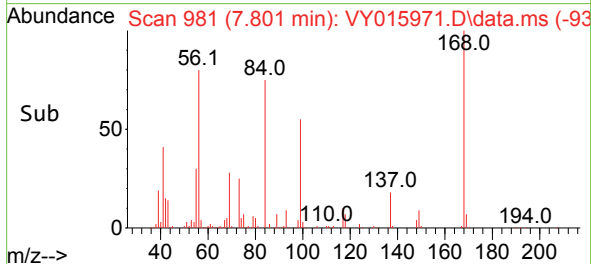
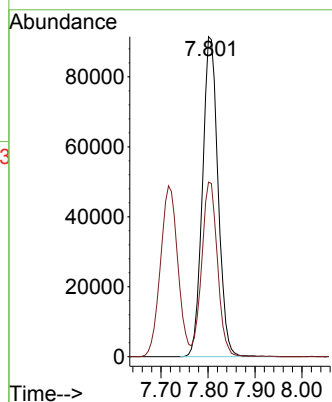
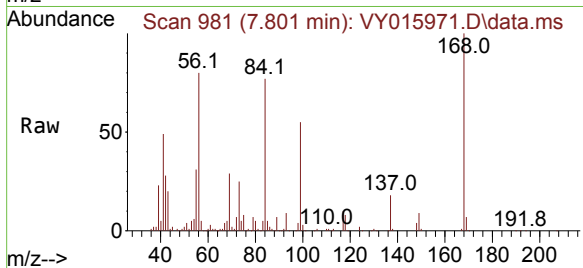
ClientSampleId :

Tgt Ion:168 Resp: 210290

Ion Ratio Lower Upper

168 100

99 54.5 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 50.858 ug/l

RT: 1.912 min Scan# 15

Delta R.T. 0.006 min

Lab File: VY015971.D

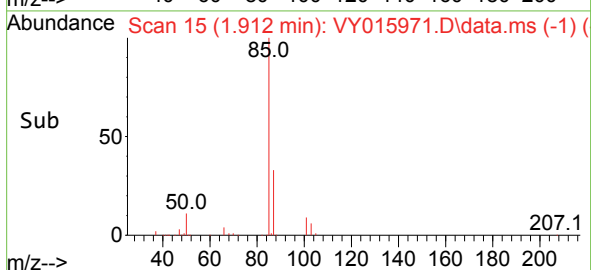
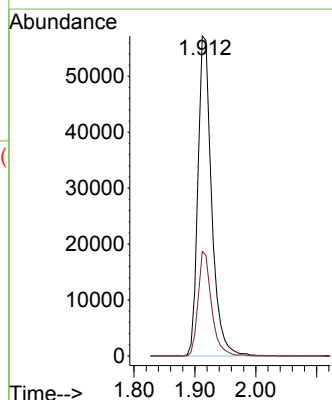
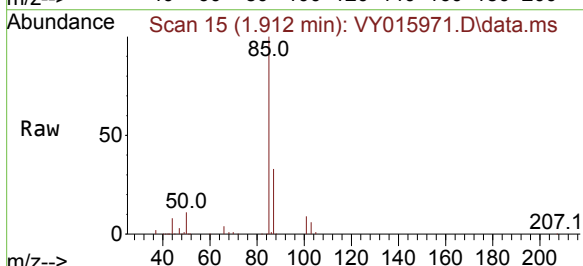
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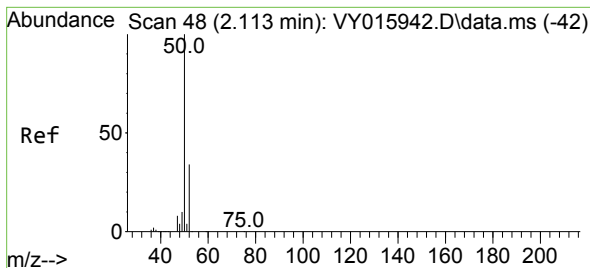
Tgt Ion: 85 Resp: 89489

Ion Ratio Lower Upper

85 100

87 32.6 15.6 46.8





#3

Chloromethane

Concen: 47.606 ug/l

RT: 2.119 min Scan# 49

Delta R.T. 0.006 min

Lab File: VY015971.D

Acq: 13 Oct 2023 20:33

Instrument :

MSVOA_Y

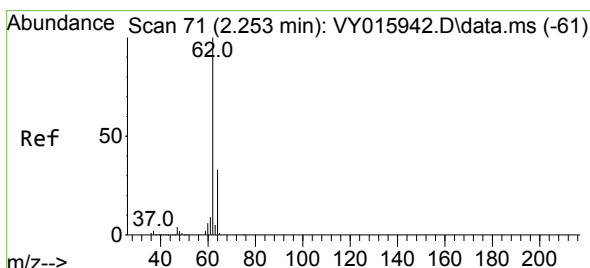
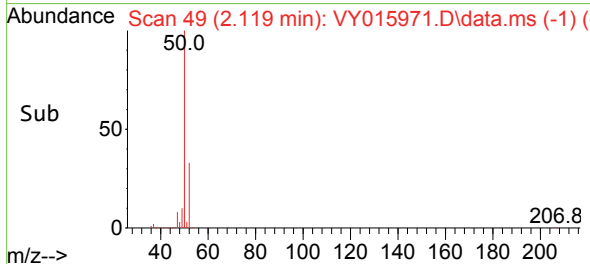
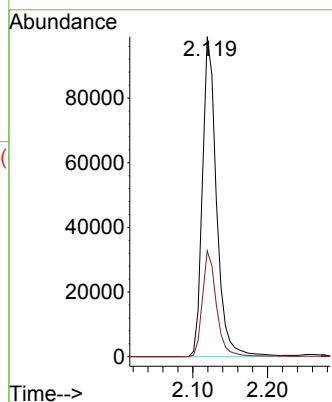
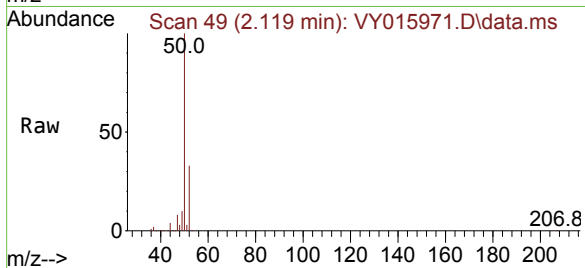
ClientSampleId :

Tgt Ion: 50 Resp: 130080

Ion Ratio Lower Upper

50 100

52 33.1 25.4 38.2



#4

Vinyl Chloride

Concen: 56.605 ug/l

RT: 2.259 min Scan# 72

Delta R.T. 0.006 min

Lab File: VY015971.D

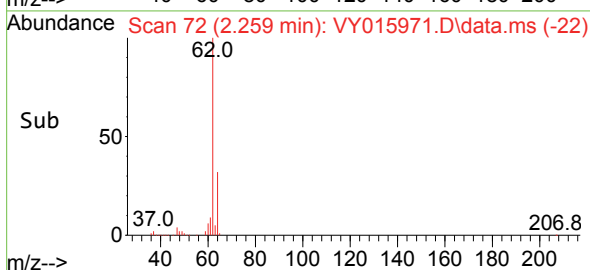
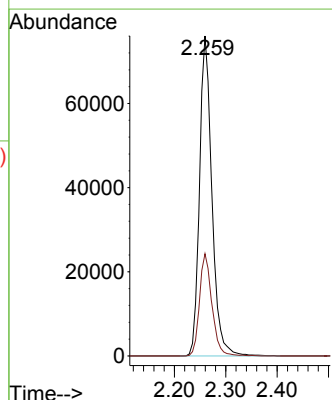
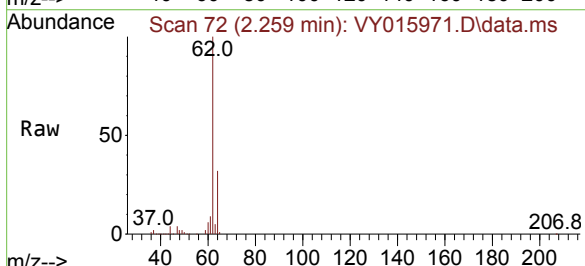
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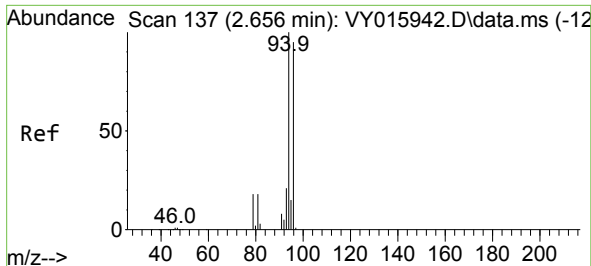
Tgt Ion: 62 Resp: 127412

Ion Ratio Lower Upper

62 100

64 31.9 24.3 36.5

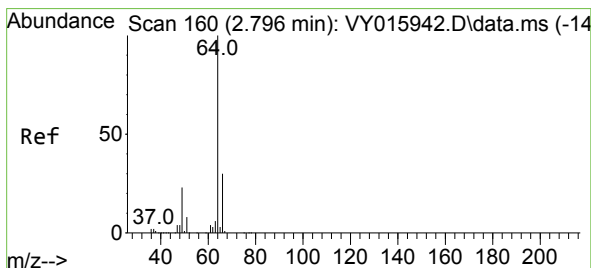
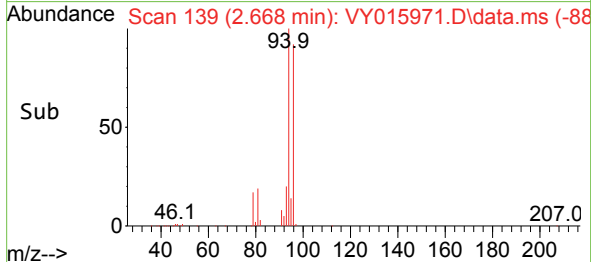
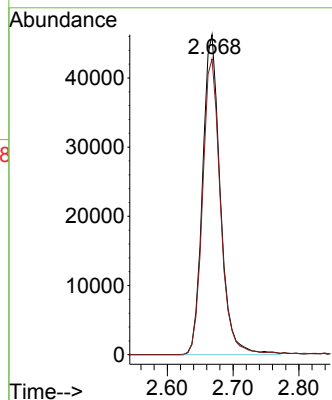
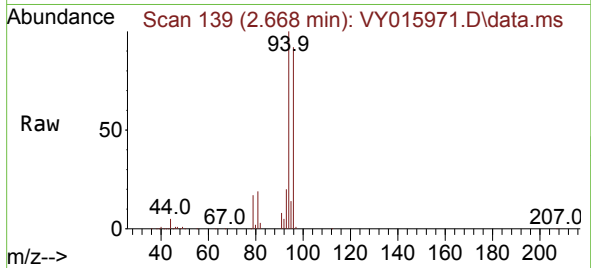




#5
Bromomethane
Concen: 68.052 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY015971.D
Acq: 13 Oct 2023 20:33

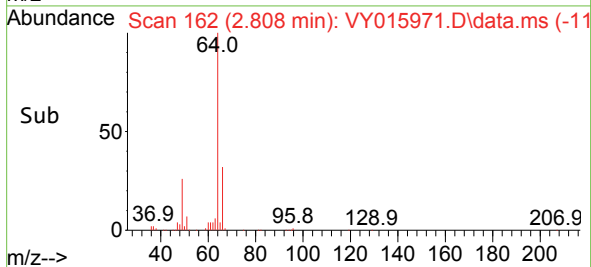
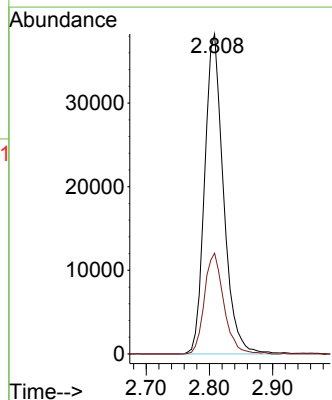
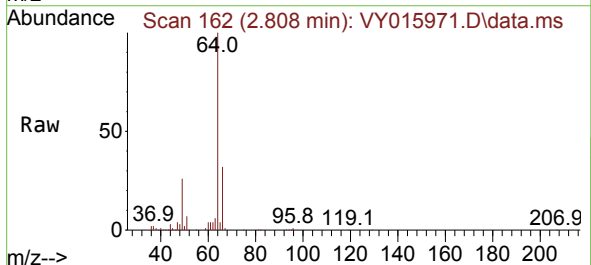
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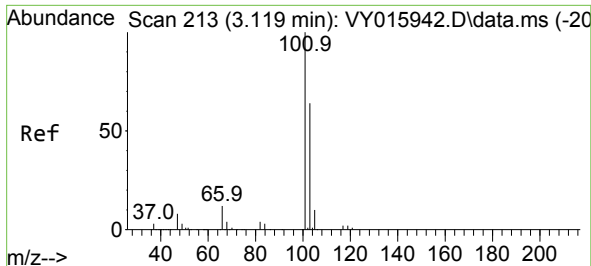
Tgt Ion: 94 Resp: 86642
Ion Ratio Lower Upper
94 100
96 92.4 75.8 113.6



#6
Chloroethane
Concen: 54.446 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.012 min
Lab File: VY015971.D
Acq: 13 Oct 2023 20:33

Tgt Ion: 64 Resp: 79200
Ion Ratio Lower Upper
64 100
66 31.5 24.4 36.6

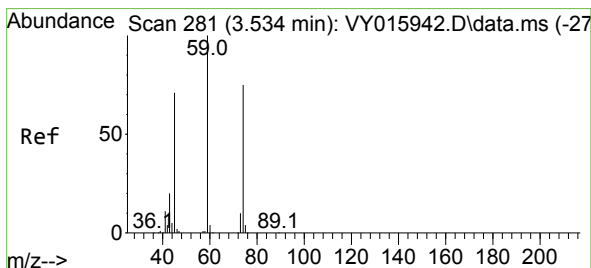
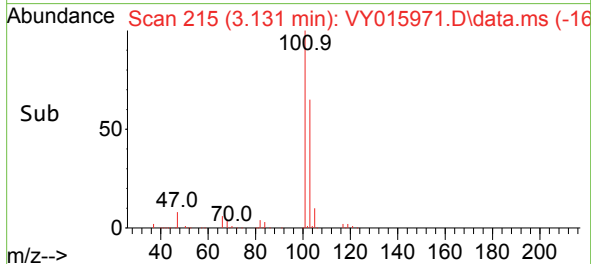
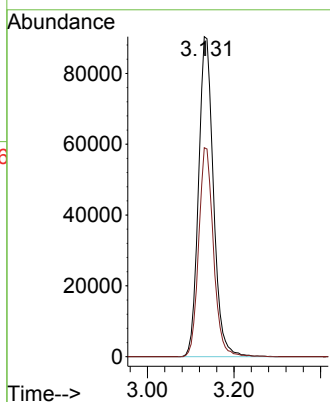
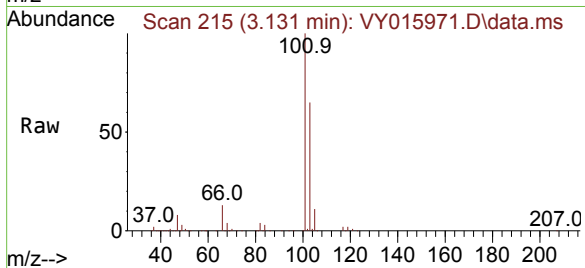




#7
Trichlorofluoromethane
Concen: 56.496 ug/l
RT: 3.131 min Scan# 213
Delta R.T. 0.012 min
Lab File: VY015971.D
Acq: 13 Oct 2023 20:33

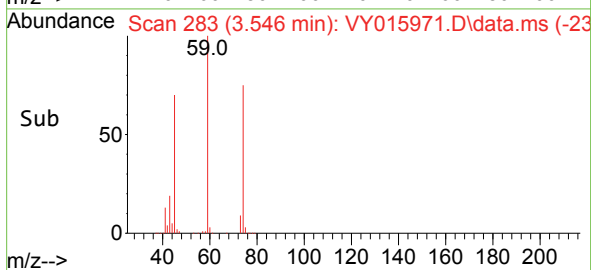
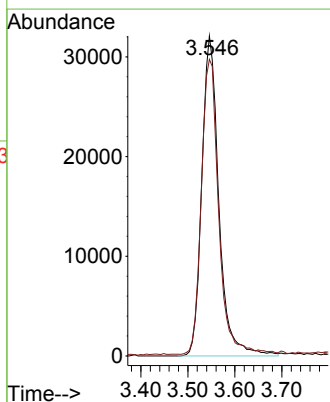
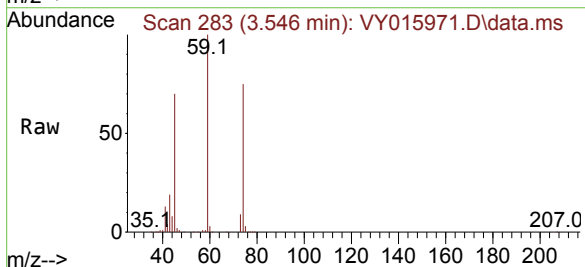
Instrument :
MSVOA_Y
ClientSampleId :

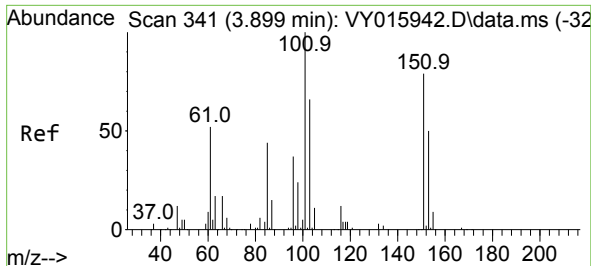
Tgt Ion:101 Resp: 215697
Ion Ratio Lower Upper
101 100
103 65.3 51.4 77.0



#8
Diethyl Ether
Concen: 56.575 ug/l
RT: 3.546 min Scan# 283
Delta R.T. 0.012 min
Lab File: VY015971.D
Acq: 13 Oct 2023 20:33

Tgt Ion: 74 Resp: 80727
Ion Ratio Lower Upper
74 100
45 93.7 51.5 154.5

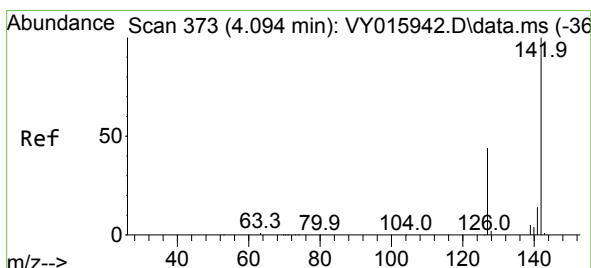
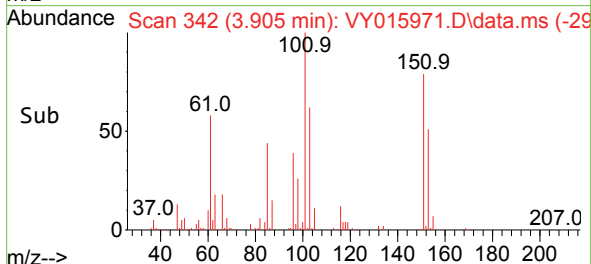
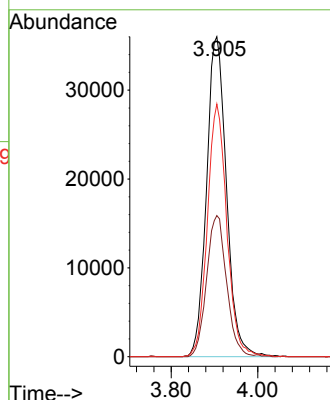
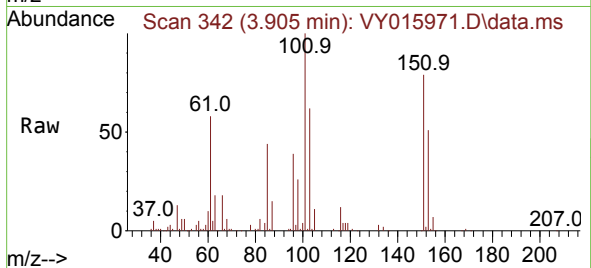




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.043 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY015971.D
Acq: 13 Oct 2023 20:33

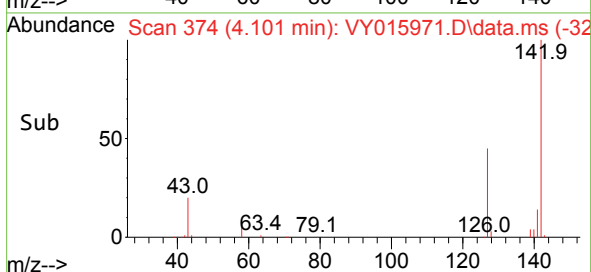
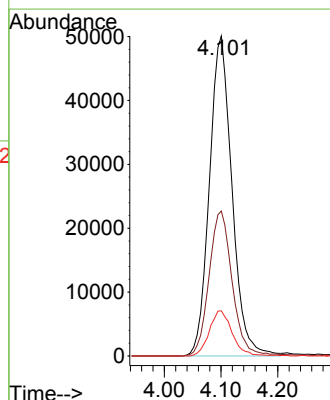
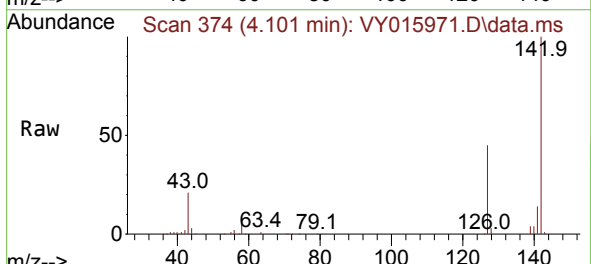
Instrument :
MSVOA_Y
ClientSampleId :

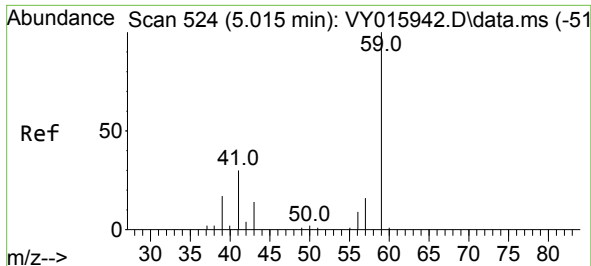
Tgt Ion:101 Resp: 115151
Ion Ratio Lower Upper
101 100
85 44.1 36.6 55.0
151 77.0 67.0 100.6



#10
Methyl Iodide
Concen: 55.446 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.006 min
Lab File: VY015971.D
Acq: 13 Oct 2023 20:33

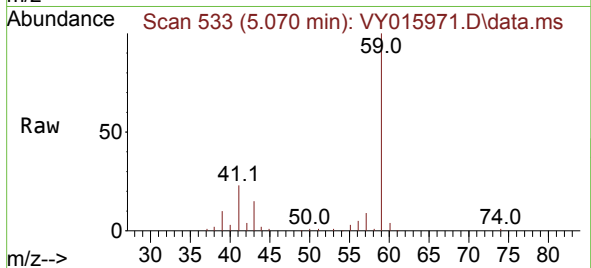
Tgt Ion:142 Resp: 138411
Ion Ratio Lower Upper
142 100
127 46.6 37.6 56.4
141 14.4 11.8 17.8



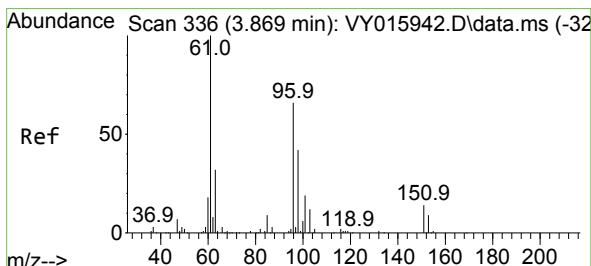
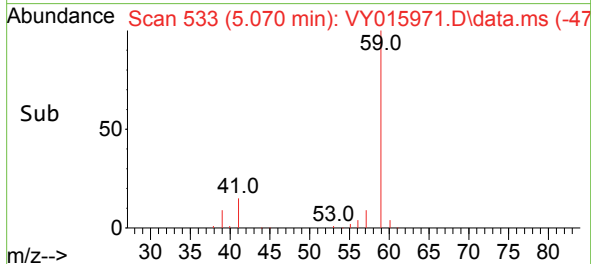
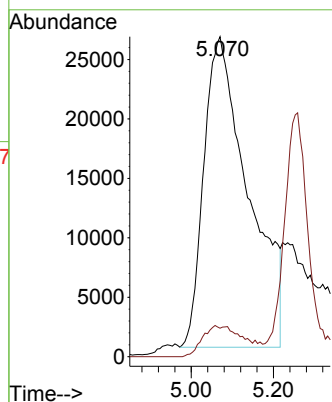


#11
Tert butyl alcohol
Concen: 140.667 ug/l
RT: 5.070 min Scan# 51
Delta R.T. 0.055 min
Lab File: VY015971.D
Acq: 13 Oct 2023 20:33

Instrument :
MSVOA_Y
ClientSampleId :

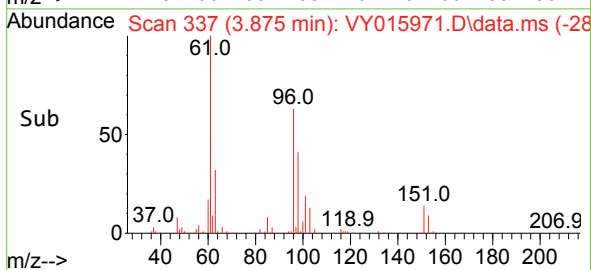
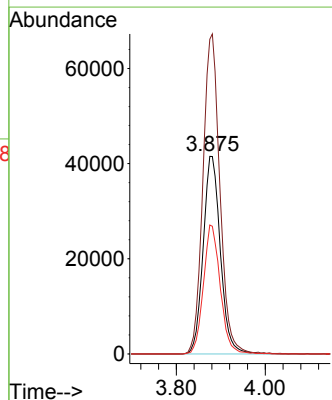
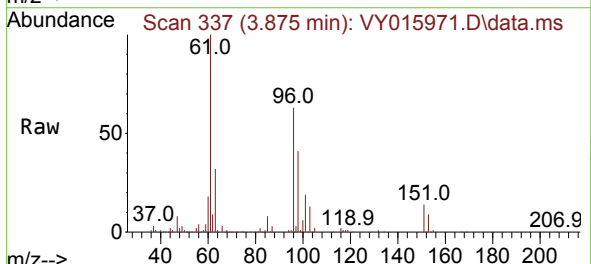


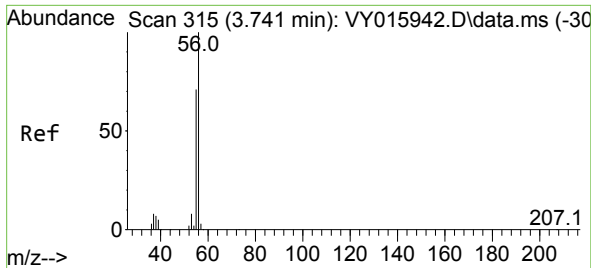
Tgt Ion: 59 Resp: 195869
Ion Ratio Lower Upper
59 100
57 4.0 3.0 4.4



#12
1,1-Dichloroethene
Concen: 54.758 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.006 min
Lab File: VY015971.D
Acq: 13 Oct 2023 20:33

Tgt Ion: 96 Resp: 111985
Ion Ratio Lower Upper
96 100
61 159.3 136.4 204.6
98 65.2 49.4 74.2

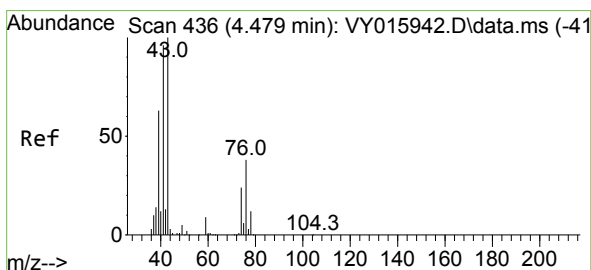
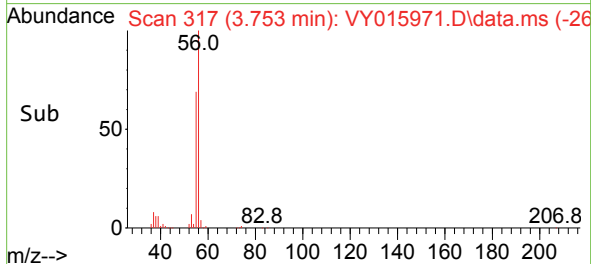
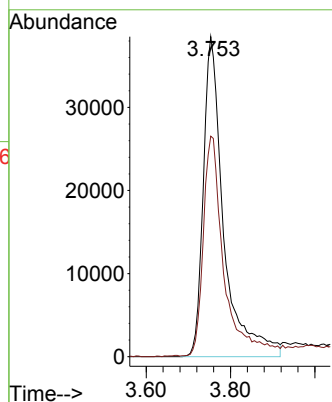
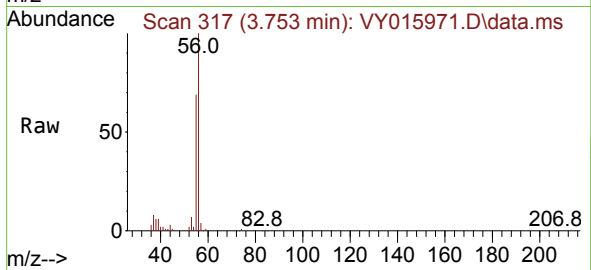




#13
Acrolein
Concen: 285.918 ug/l
RT: 3.753 min Scan# 315
Delta R.T. 0.012 min
Lab File: VY015971.D
Acq: 13 Oct 2023 20:33

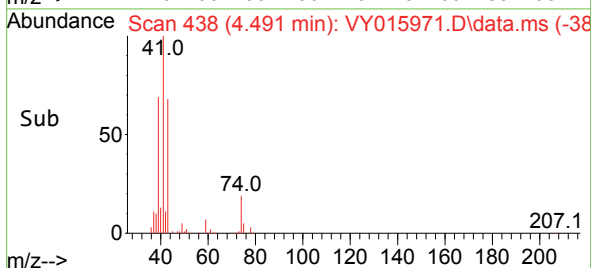
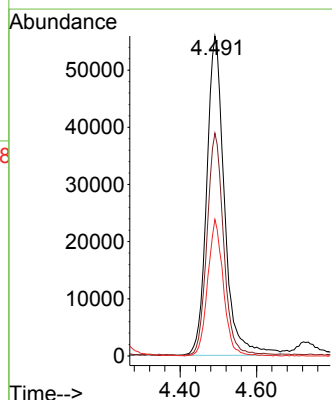
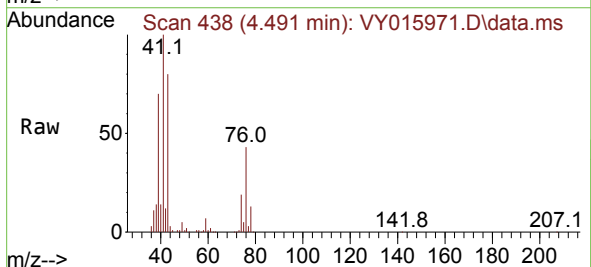
Instrument :
MSVOA_Y
ClientSampleId :

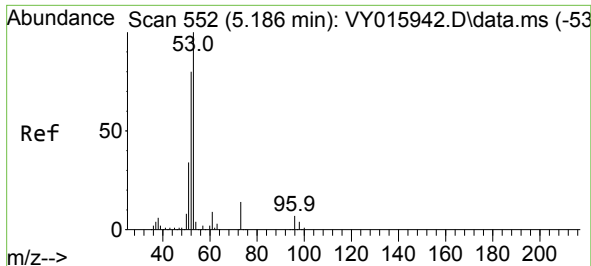
Tgt Ion: 56 Resp: 129599
Ion Ratio Lower Upper
56 100
55 69.2 57.0 85.4



#14
Allyl chloride
Concen: 54.700 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY015971.D
Acq: 13 Oct 2023 20:33

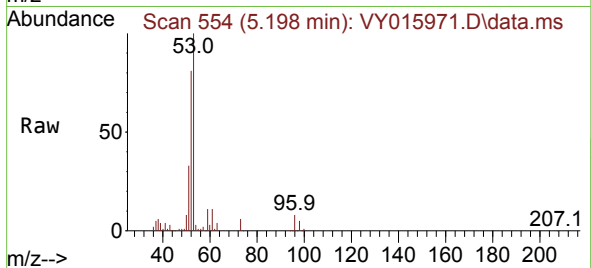
Tgt Ion: 41 Resp: 180768
Ion Ratio Lower Upper
41 100
39 64.6 58.0 87.0
76 37.7 27.4 41.2



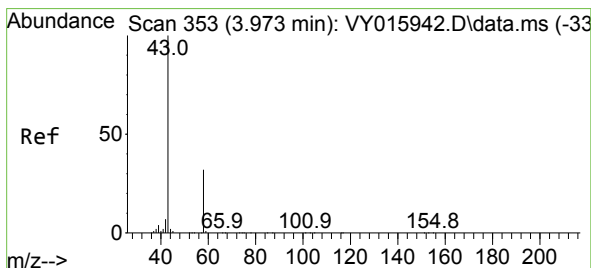
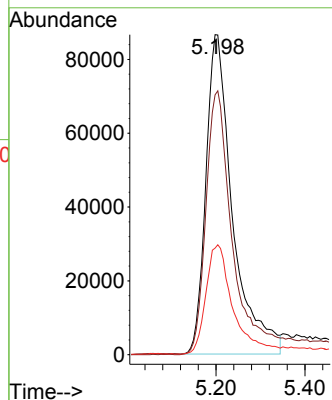
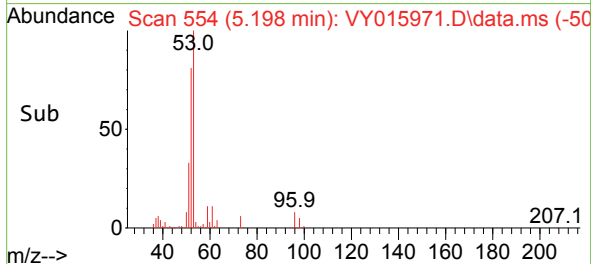


#15
Acrylonitrile
Concen: 288.213 ug/l
RT: 5.198 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY015971.D
Acq: 13 Oct 2023 20:33

Instrument :
MSVOA_Y
ClientSampleId :

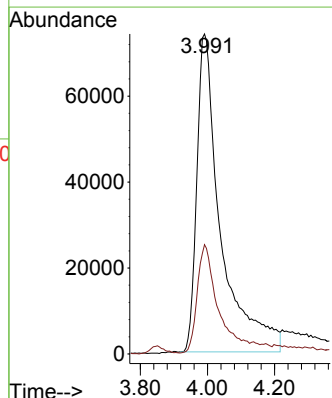
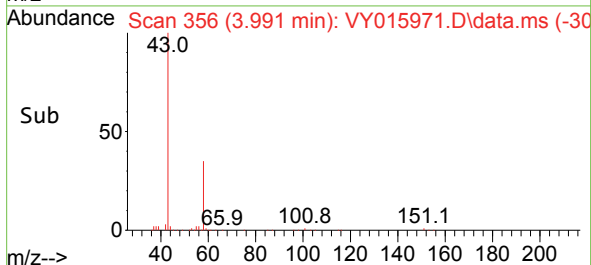
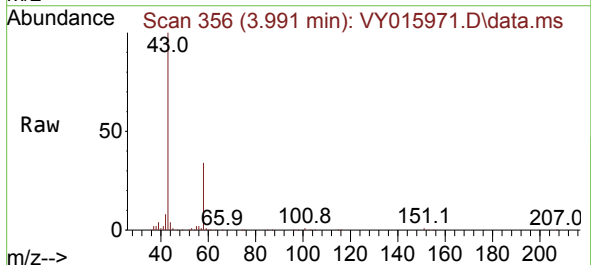


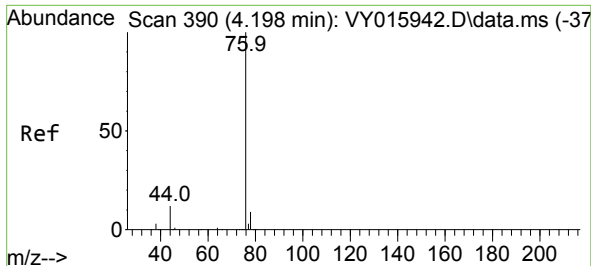
Tgt Ion: 53 Resp: 362287
Ion Ratio Lower Upper
53 100
52 85.0 66.9 100.3
51 34.8 29.8 44.6



#16
Acetone
Concen: 262.185 ug/l
RT: 3.991 min Scan# 356
Delta R.T. 0.018 min
Lab File: VY015971.D
Acq: 13 Oct 2023 20:33

Tgt Ion: 43 Resp: 365521
Ion Ratio Lower Upper
43 100
58 34.1 22.7 34.1

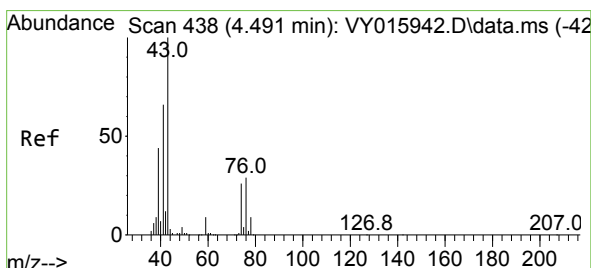
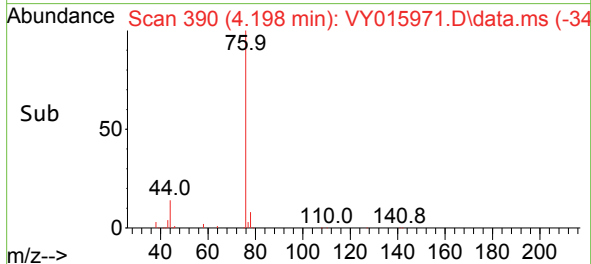
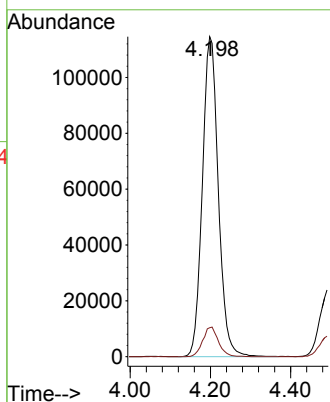
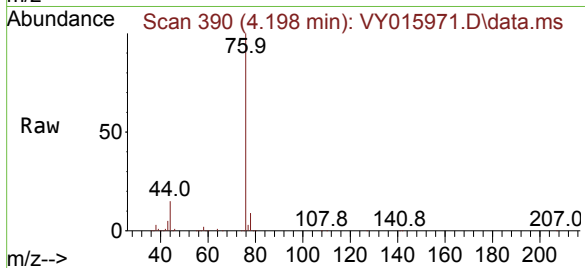




#17
Carbon Disulfide
Concen: 50.524 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY015971.D
Acq: 13 Oct 2023 20:33

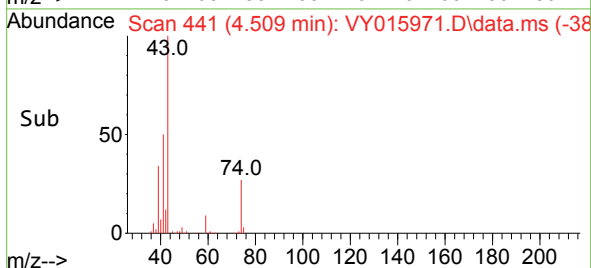
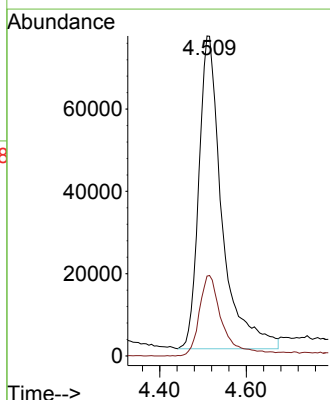
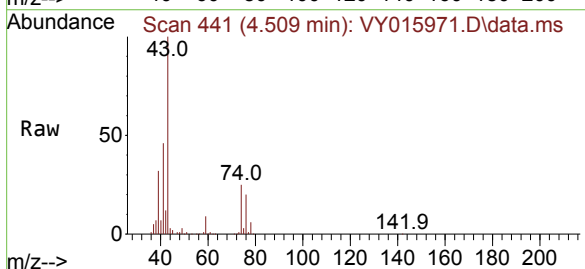
Instrument :
MSVOA_Y
ClientSampleId :

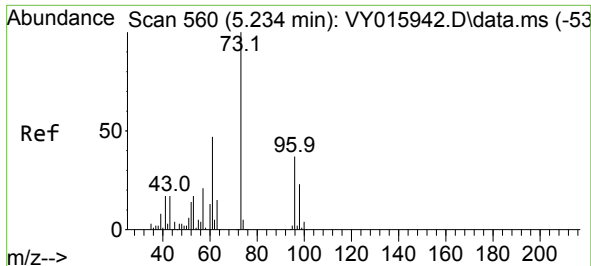
Tgt Ion: 76 Resp: 315818
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4



#18
Methyl Acetate
Concen: 58.256 ug/l
RT: 4.509 min Scan# 441
Delta R.T. 0.018 min
Lab File: VY015971.D
Acq: 13 Oct 2023 20:33

Tgt Ion: 43 Resp: 281714
Ion Ratio Lower Upper
43 100
74 25.5 17.4 26.0

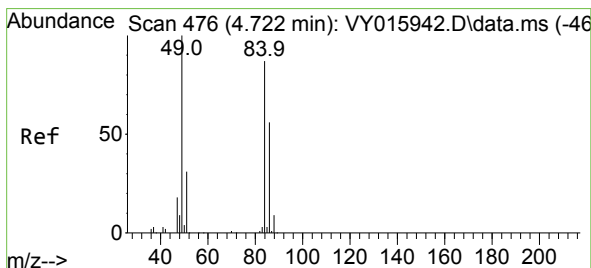
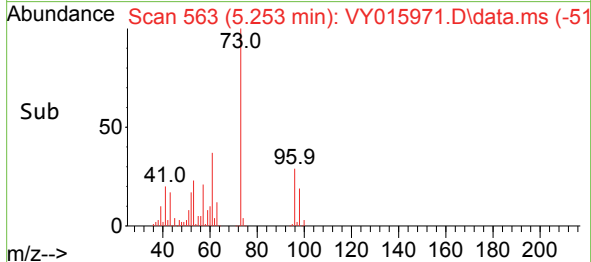
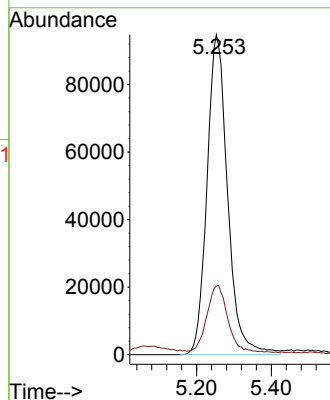
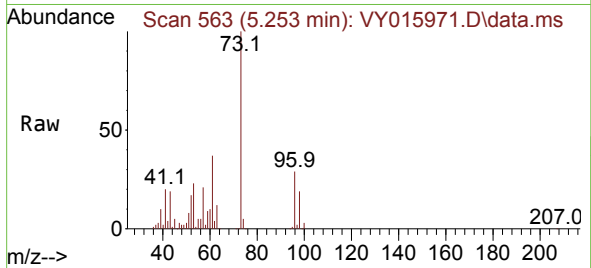




#19
Methyl tert-butyl Ether
Concen: 52.919 ug/l
RT: 5.253 min Scan# 50
Delta R.T. 0.018 min
Lab File: VY015971.D
Acq: 13 Oct 2023 20:33

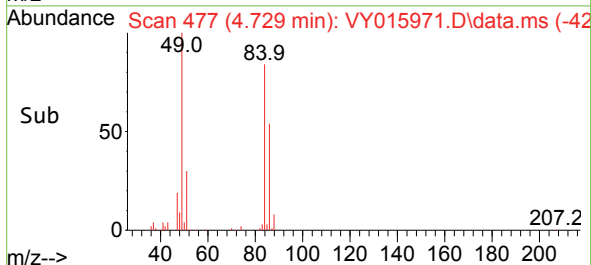
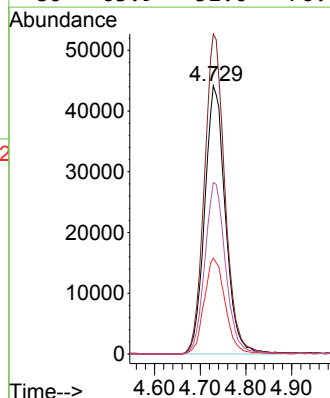
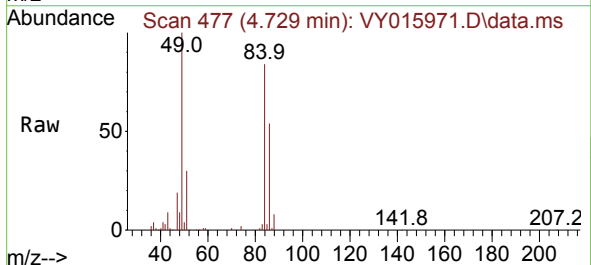
Instrument :
MSVOA_Y
ClientSampleId :

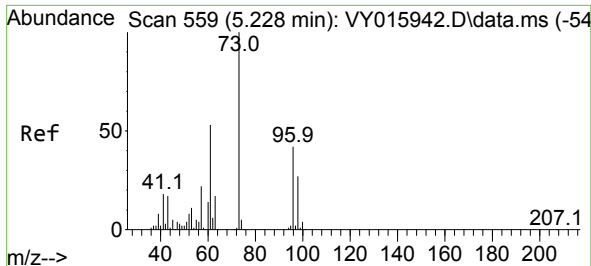
Tgt Ion: 73 Resp: 362794
Ion Ratio Lower Upper
73 100
57 20.6 17.3 25.9



#20
Methylene Chloride
Concen: 52.267 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.007 min
Lab File: VY015971.D
Acq: 13 Oct 2023 20:33

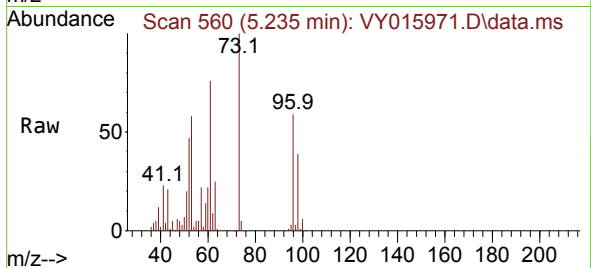
Tgt Ion: 84 Resp: 138617
Ion Ratio Lower Upper
84 100
49 119.3 106.9 160.3
51 35.8 33.2 49.8
86 63.9 51.0 76.6



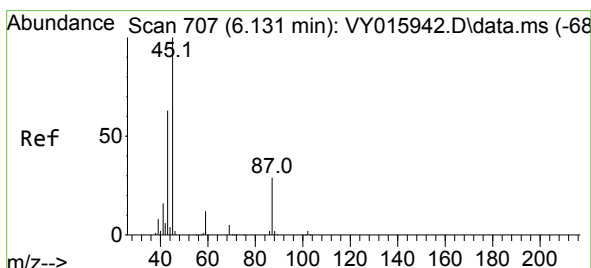
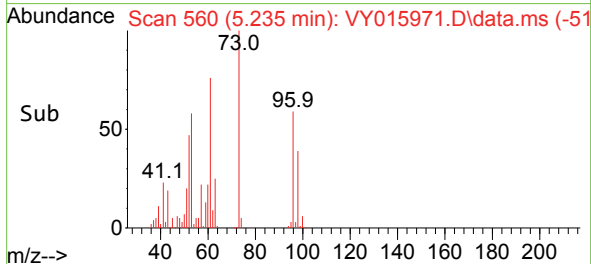
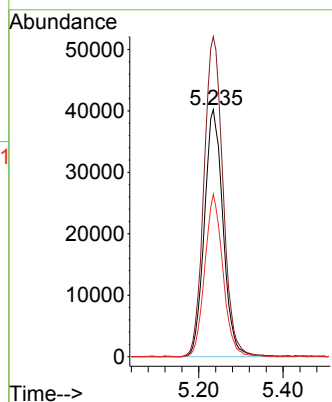


#21
trans-1,2-Dichloroethene
Concen: 51.885 ug/l
RT: 5.235 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015971.D
Acq: 13 Oct 2023 20:33

Instrument :
MSVOA_Y
ClientSampleId :

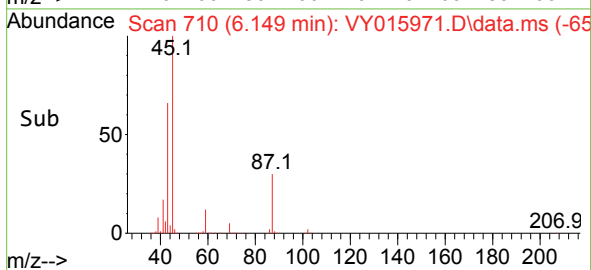
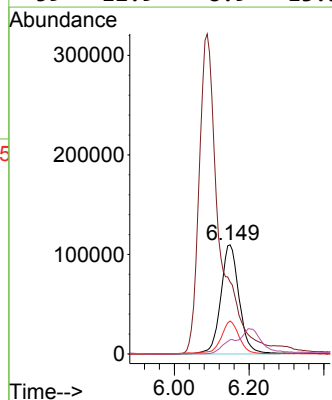
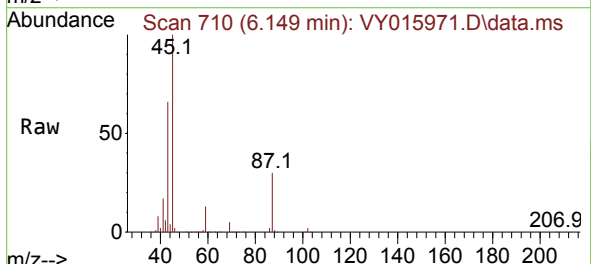


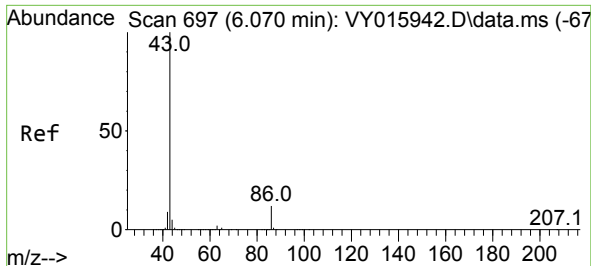
Tgt Ion: 96 Resp: 124028
Ion Ratio Lower Upper
96 100
61 129.5 110.2 165.4
98 65.7 51.8 77.6



#22
Diisopropyl ether
Concen: 54.639 ug/l
RT: 6.149 min Scan# 710
Delta R.T. 0.018 min
Lab File: VY015971.D
Acq: 13 Oct 2023 20:33

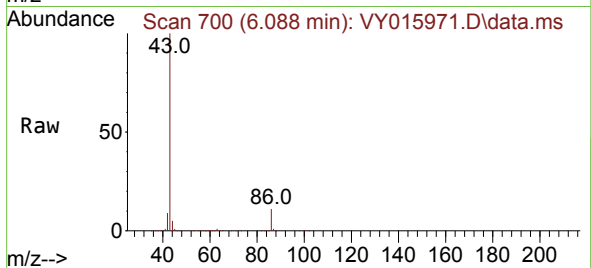
Tgt Ion: 45 Resp: 374953
Ion Ratio Lower Upper
45 100
43 65.7 52.2 78.4
87 30.0 21.0 31.6
59 12.9 8.9 13.3



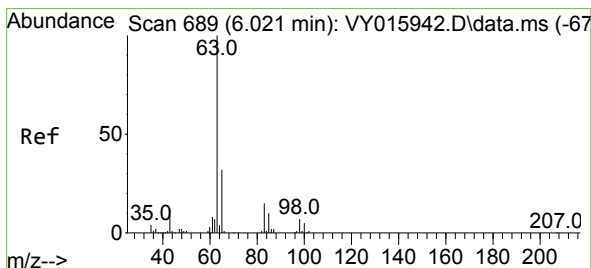
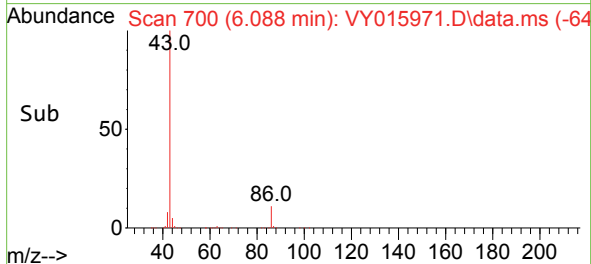
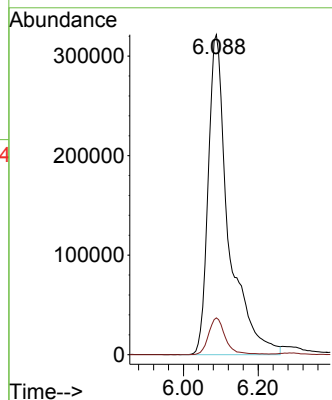


#23
 Vinyl Acetate
 Concen: 269.761 ug/l
 RT: 6.088 min Scan# 70
 Delta R.T. 0.018 min
 Lab File: VY015971.D
 Acq: 13 Oct 2023 20:33

Instrument :
 MSVOA_Y
 ClientSampleId :

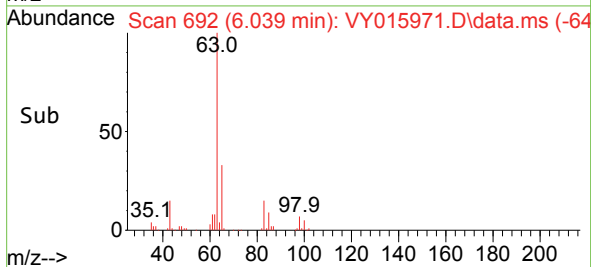
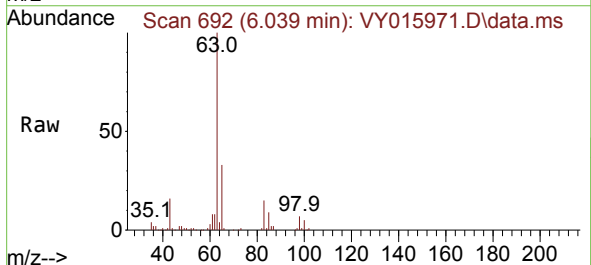
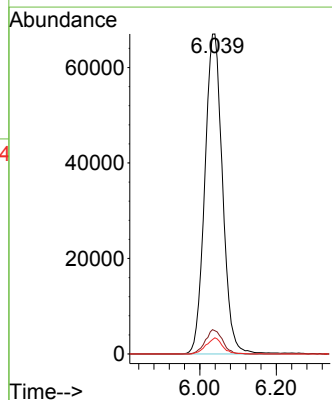


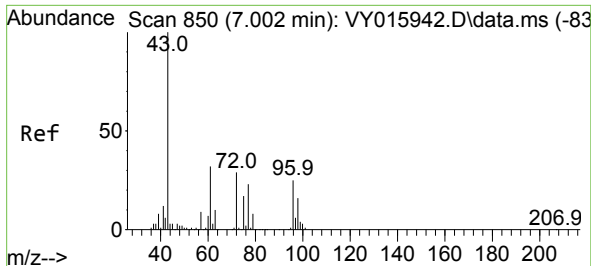
Tgt Ion: 43 Resp: 1217863
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 52.683 ug/l
 RT: 6.039 min Scan# 692
 Delta R.T. 0.018 min
 Lab File: VY015971.D
 Acq: 13 Oct 2023 20:33

Tgt Ion: 63 Resp: 215107
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.1 9.4
 100 5.0 1.8 5.5

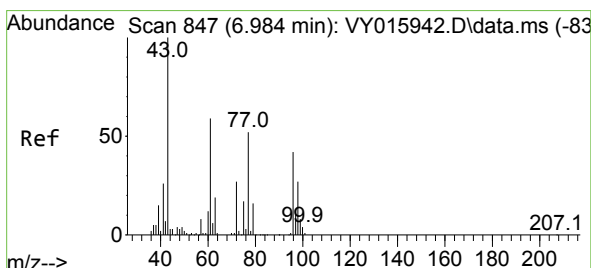
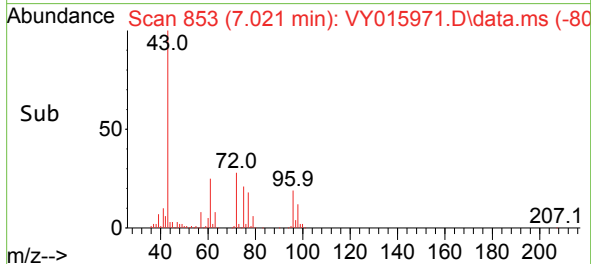
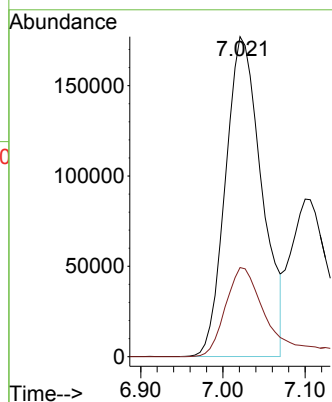
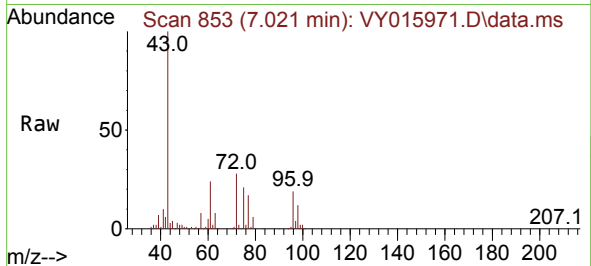




#25
2-Butanone
Concen: 267.346 ug/l
RT: 7.021 min Scan# 853
Delta R.T. 0.018 min
Lab File: VY015971.D
Acq: 13 Oct 2023 20:33

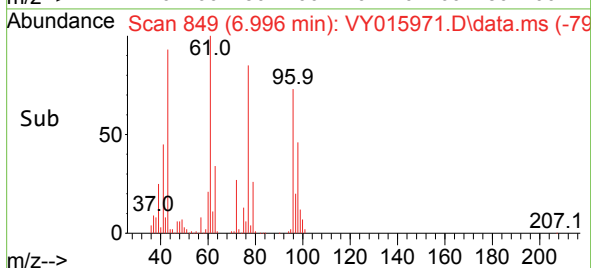
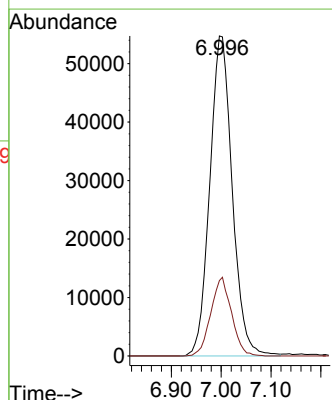
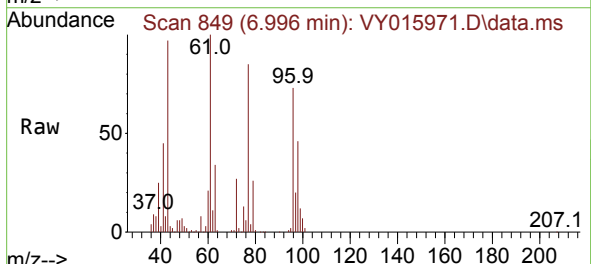
Instrument :
MSVOA_Y
ClientSampleId :

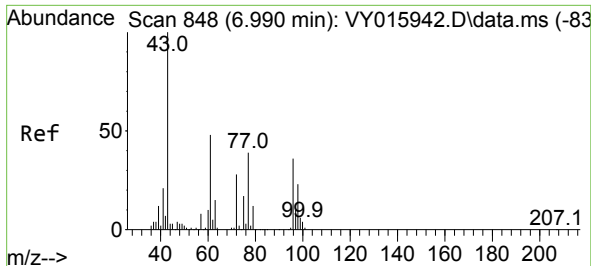
Tgt Ion: 43 Resp: 542455
Ion Ratio Lower Upper
43 100
72 27.9 20.5 30.7



#26
2,2-Dichloropropane
Concen: 50.482 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY015971.D
Acq: 13 Oct 2023 20:33

Tgt Ion: 77 Resp: 171157
Ion Ratio Lower Upper
77 100
97 22.7 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 52.556 ug/l

RT: 7.002 min Scan# 81

Delta R.T. 0.012 min

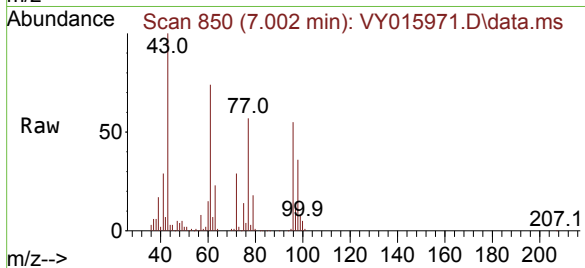
Lab File: VY015971.D

Acq: 13 Oct 2023 20:33

Instrument :

MSVOA_Y

ClientSampleId :



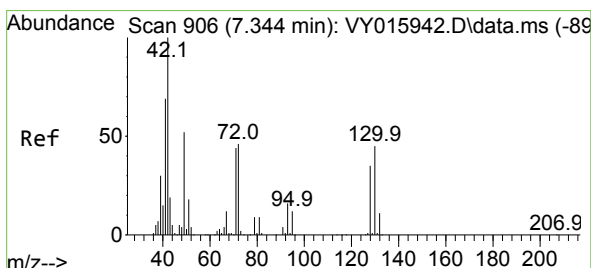
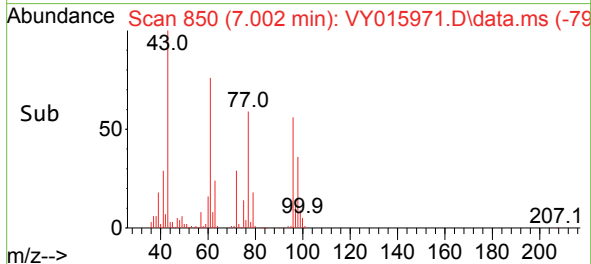
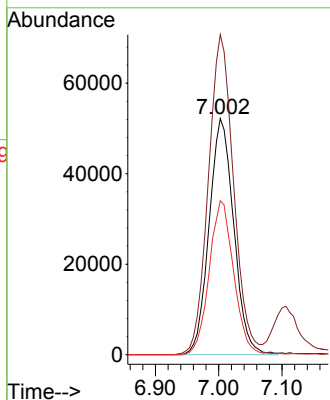
Tgt Ion: 96 Resp: 141263

Ion Ratio Lower Upper

96 100

61 138.8 0.0 301.4

98 64.8 0.0 130.4



#28

Bromochloromethane

Concen: 52.532 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY015971.D

Acq: 13 Oct 2023 20:33

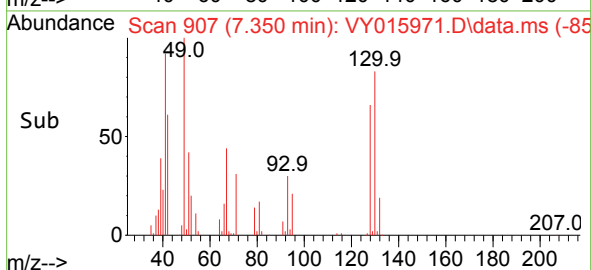
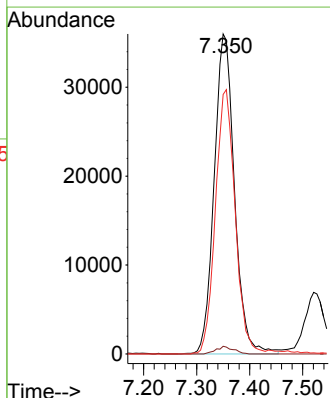
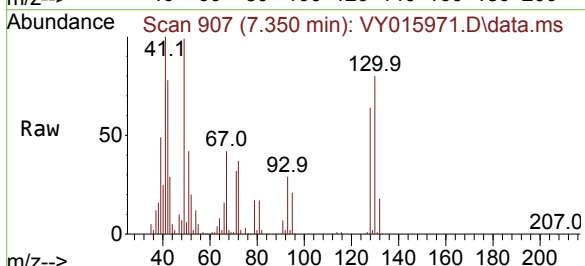
Tgt Ion: 49 Resp: 95717

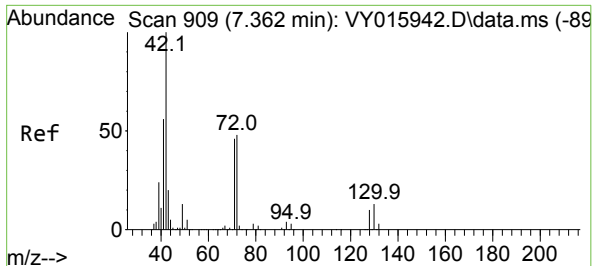
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.6

130 80.3 60.7 91.1





#29

Tetrahydrofuran

Concen: 335.922 ug/l

RT: 7.380 min Scan# 912

Delta R.T. 0.018 min

Lab File: VY015971.D

Acq: 13 Oct 2023 20:33

Instrument :

MSVOA_Y

ClientSampleId :

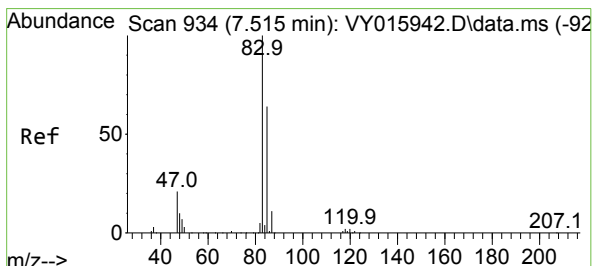
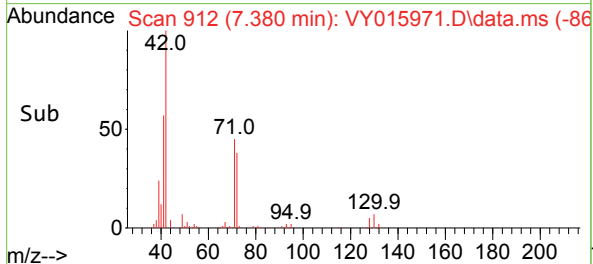
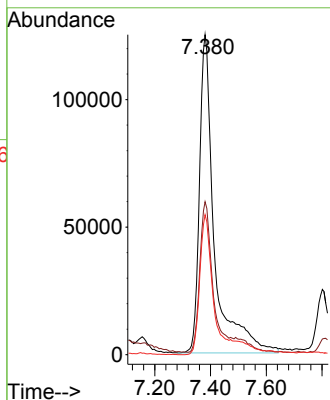
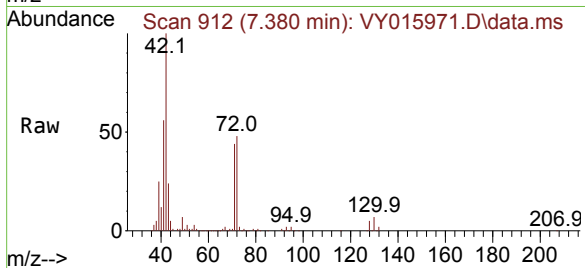
Tgt Ion: 42 Resp: 467224

Ion Ratio Lower Upper

42 100

72 41.7 32.8 49.2

71 44.0 31.0 46.4



#30

Chloroform

Concen: 53.851 ug/l

RT: 7.521 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY015971.D

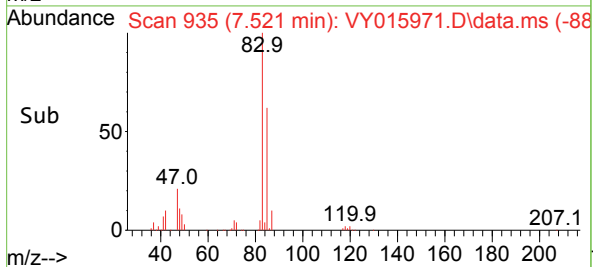
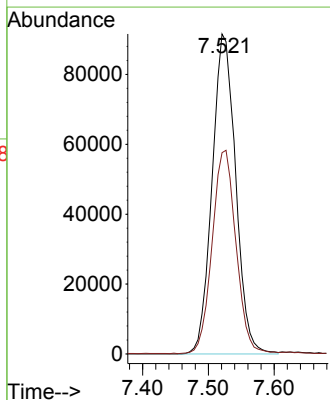
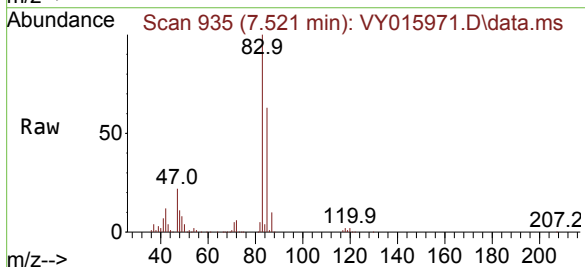
Acq: 13 Oct 2023 20:33

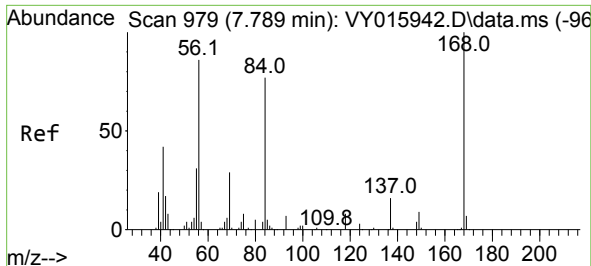
Tgt Ion: 83 Resp: 228218

Ion Ratio Lower Upper

83 100

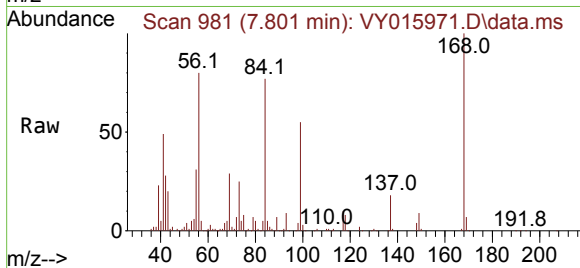
85 62.8 49.7 74.5



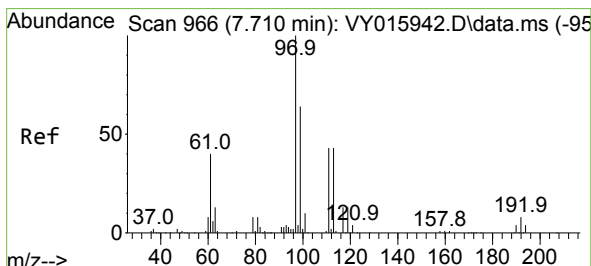
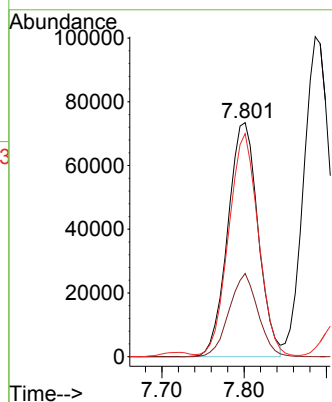
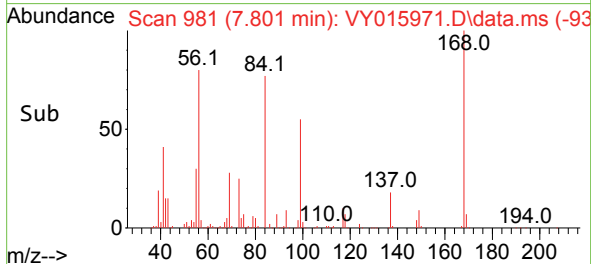


#31
Cyclohexane
Concen: 49.230 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015971.D
Acq: 13 Oct 2023 20:33

Instrument :
MSVOA_Y
ClientSampleId :

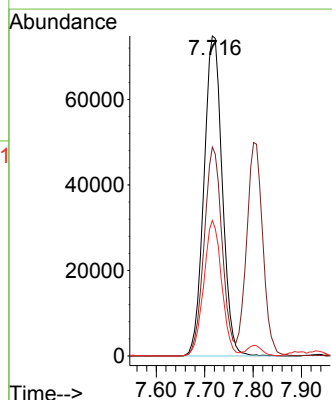
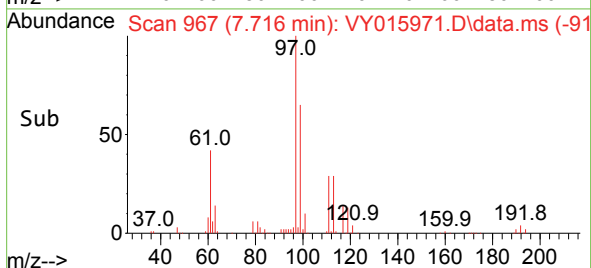
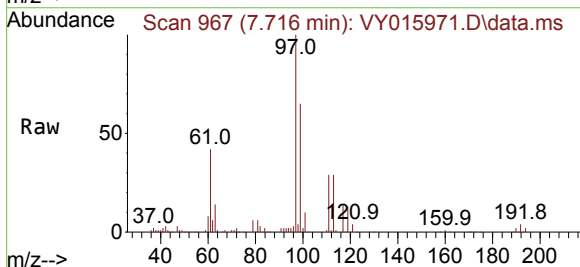


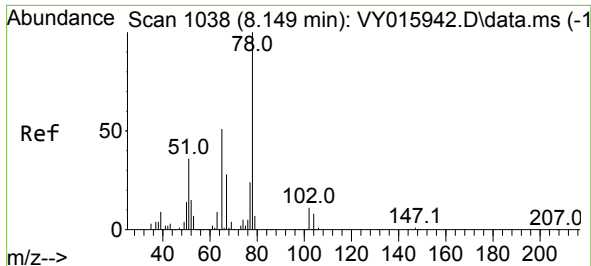
Tgt Ion: 56 Resp: 188083
Ion Ratio Lower Upper
56 100
69 35.6 27.8 41.6
84 93.5 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 52.245 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY015971.D
Acq: 13 Oct 2023 20:33

Tgt Ion: 97 Resp: 196919
Ion Ratio Lower Upper
97 100
99 64.1 50.8 76.2
61 41.4 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 49.372 ug/l

RT: 8.161 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY015971.D

Acq: 13 Oct 2023 20:33

Instrument :

MSVOA_Y

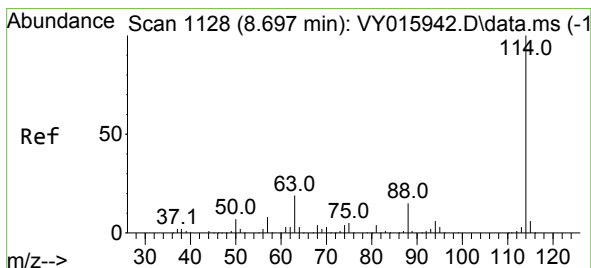
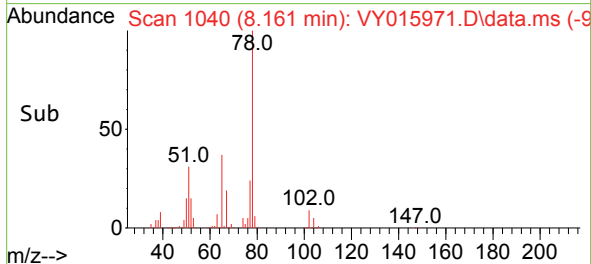
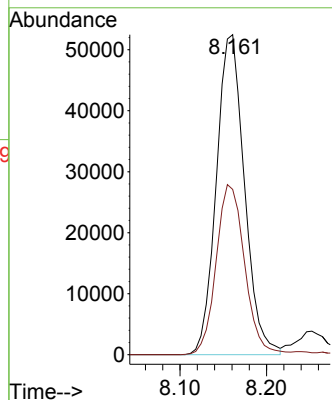
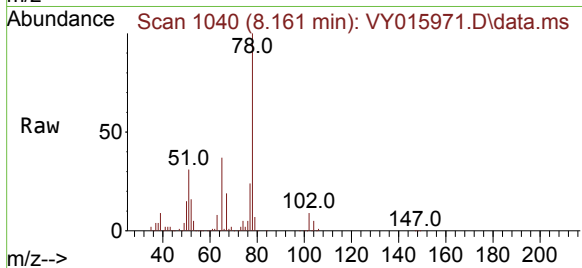
ClientSampleId :

Tgt Ion: 65 Resp: 118492

Ion Ratio Lower Upper

65 100

67 53.9 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: VY015971.D

Acq: 13 Oct 2023 20:33

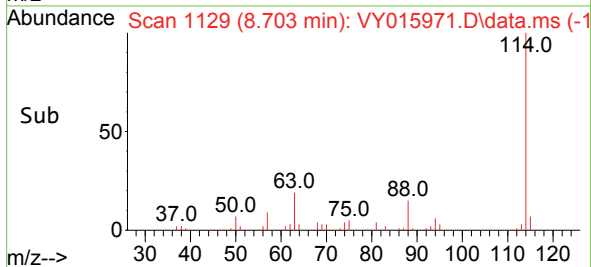
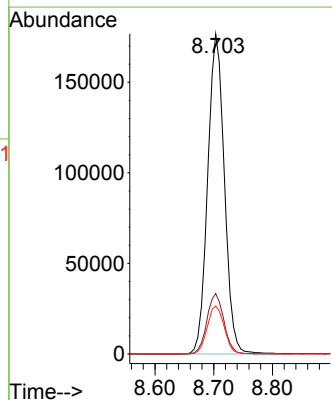
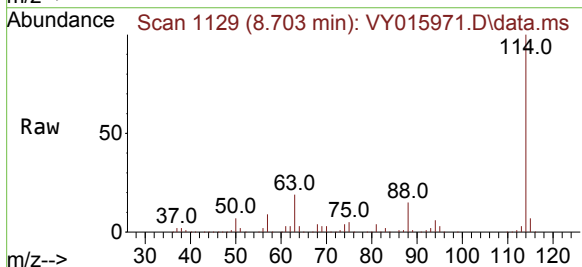
Tgt Ion: 114 Resp: 349188

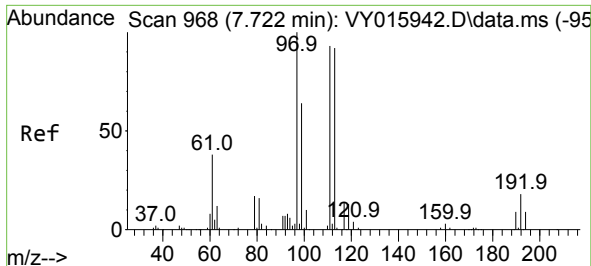
Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

88 15.0 0.0 30.6

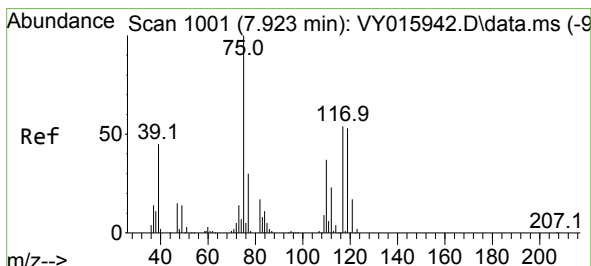
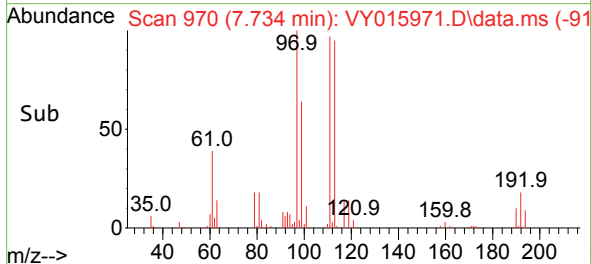
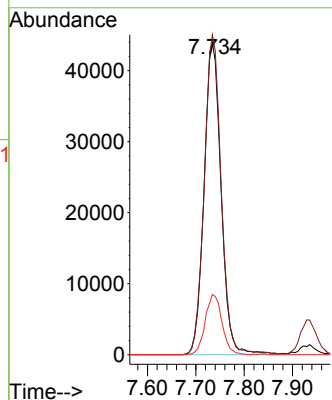
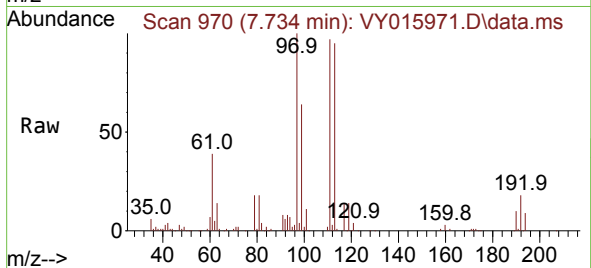




#35
 Dibromofluoromethane
 Concen: 48.865 ug/l
 RT: 7.734 min Scan# 91
 Delta R.T. 0.012 min
 Lab File: VY015971.D
 Acq: 13 Oct 2023 20:33

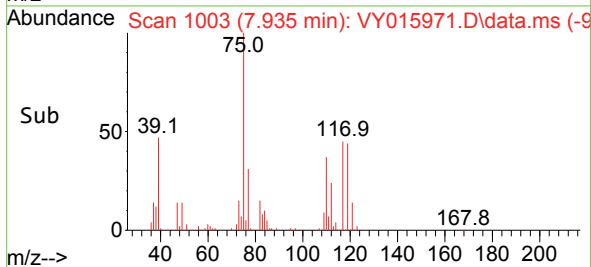
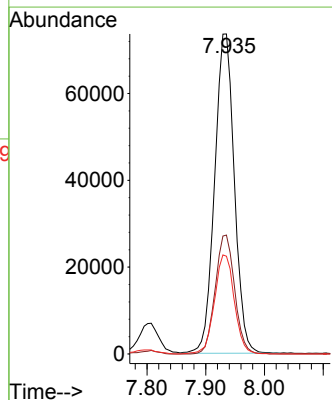
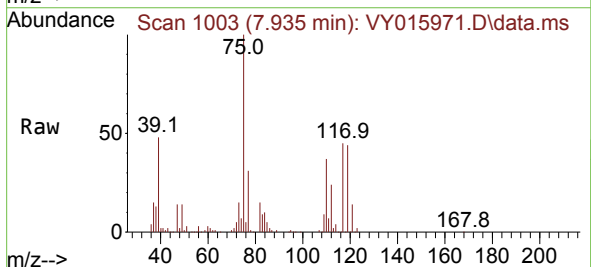
Instrument :
 MSVOA_Y
 ClientSampleId :

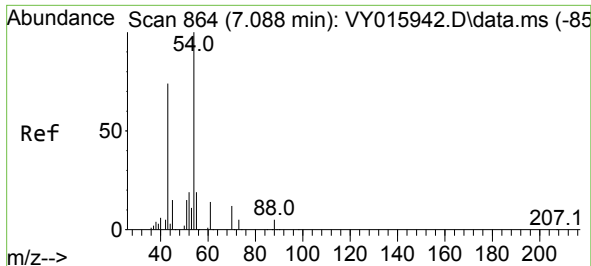
Tgt Ion:113 Resp: 107422
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.3 121.9
 192 19.1 16.9 25.3



#36
 1,1-Dichloropropene
 Concen: 51.649 ug/l
 RT: 7.935 min Scan# 1003
 Delta R.T. 0.012 min
 Lab File: VY015971.D
 Acq: 13 Oct 2023 20:33

Tgt Ion: 75 Resp: 171320
 Ion Ratio Lower Upper
 75 100
 110 36.7 17.8 53.5
 77 31.2 24.4 36.6





#37

Ethyl Acetate

Concen: 66.471 ug/l

RT: 7.100 min Scan# 8

Delta R.T. 0.012 min

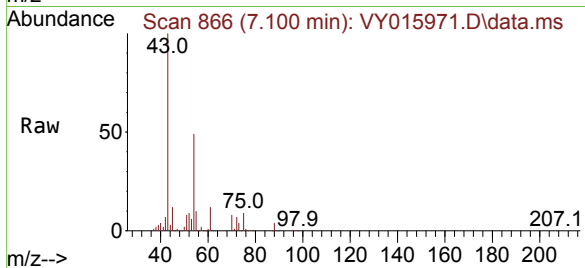
Lab File: VY015971.D

Acq: 13 Oct 2023 20:33

Instrument :

MSVOA_Y

ClientSampleId :



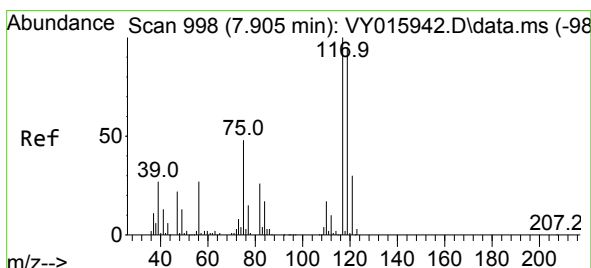
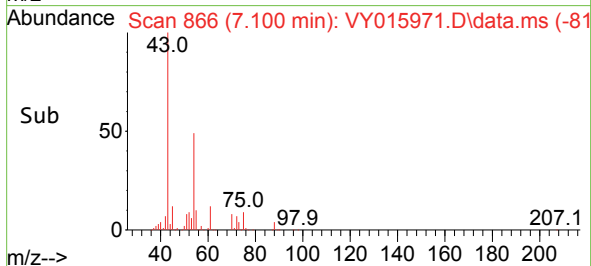
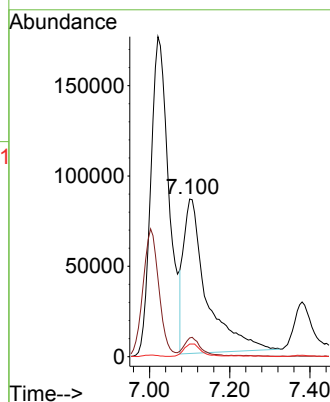
Tgt Ion: 43 Resp: 340198

Ion Ratio Lower Upper

43 100

61 8.3 10.1 15.1#

70 6.1 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 50.632 ug/l

RT: 7.917 min Scan# 1000

Delta R.T. 0.012 min

Lab File: VY015971.D

Acq: 13 Oct 2023 20:33

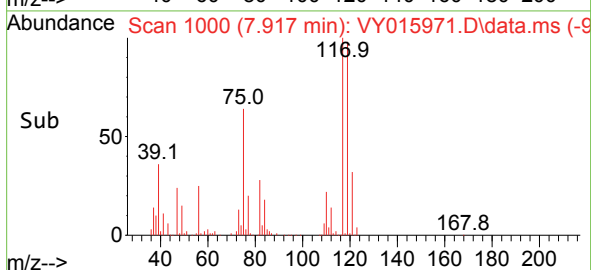
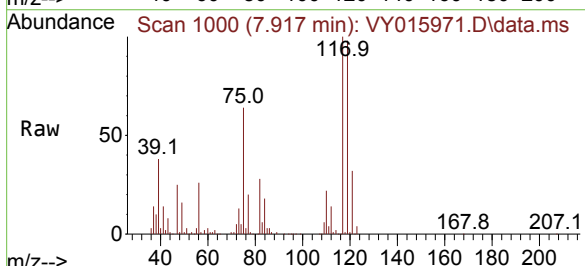
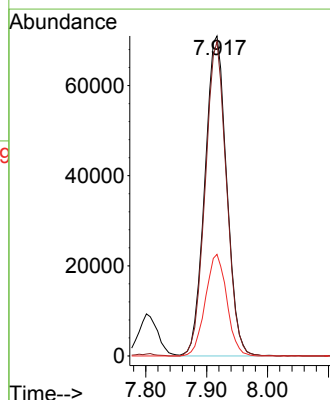
Tgt Ion: 117 Resp: 176870

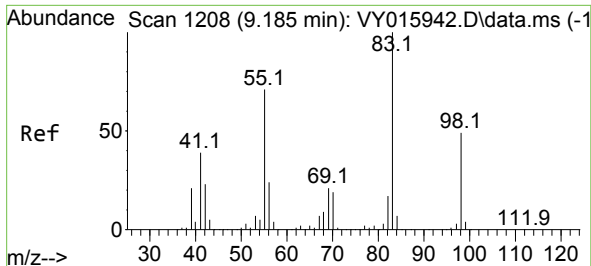
Ion Ratio Lower Upper

117 100

119 98.2 76.4 114.6

121 31.7 25.8 38.6





#39

Methylcyclohexane

Concen: 50.750 ug/l

RT: 9.197 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY015971.D

Acq: 13 Oct 2023 20:33

Instrument :

MSVOA_Y

ClientSampleId :

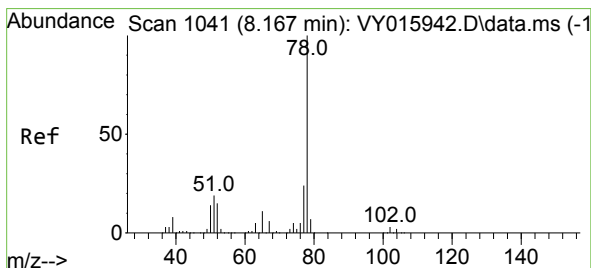
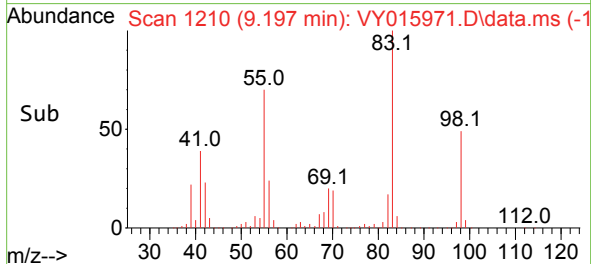
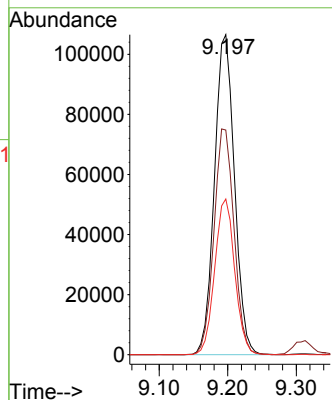
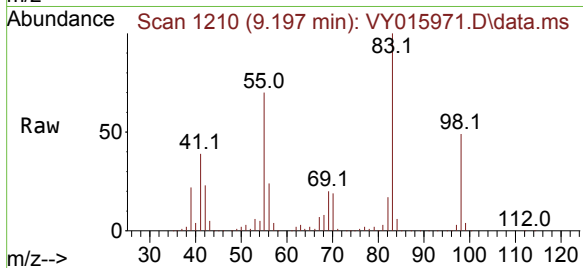
Tgt Ion: 83 Resp: 215975

Ion Ratio Lower Upper

83 100

55 70.2 63.0 94.4

98 48.6 37.4 56.2



#40

Benzene

Concen: 52.411 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VY015971.D

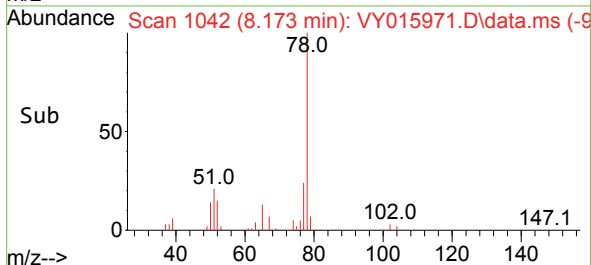
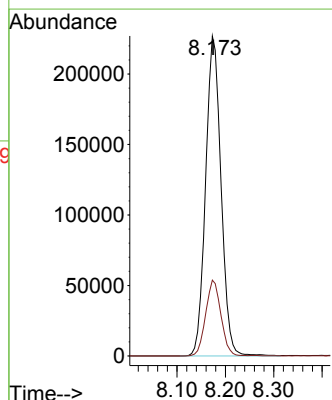
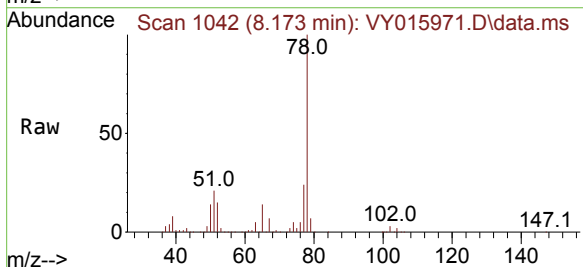
Acq: 13 Oct 2023 20:33

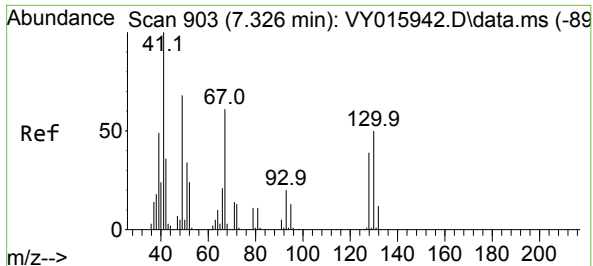
Tgt Ion: 78 Resp: 503006

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.6

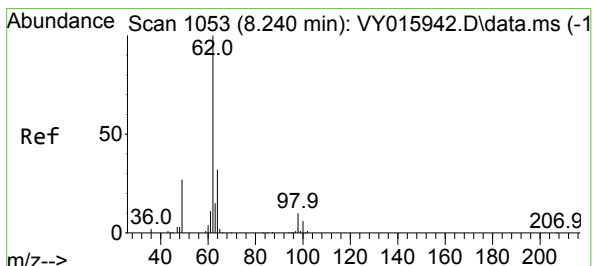
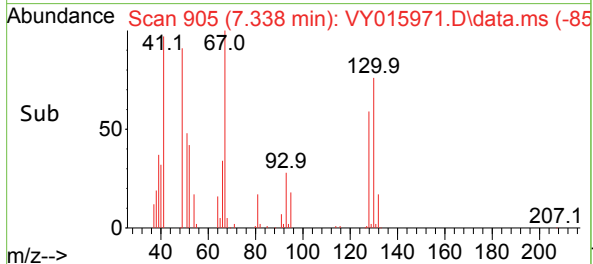
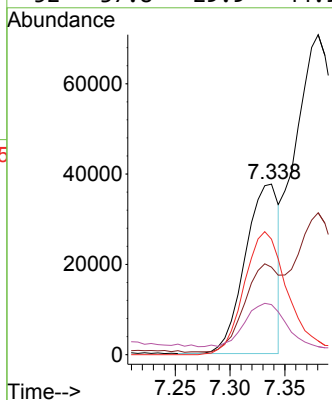
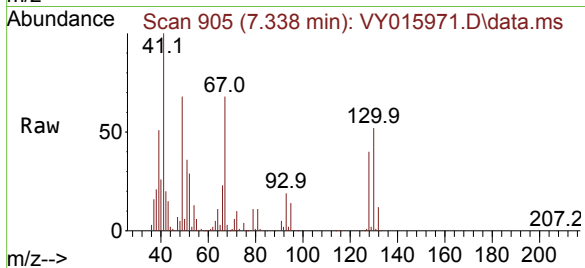




#41
Methacrylonitrile
Concen: 47.253 ug/l
RT: 7.338 min Scan# 903
Delta R.T. 0.012 min
Lab File: VY015971.D
Acq: 13 Oct 2023 20:33

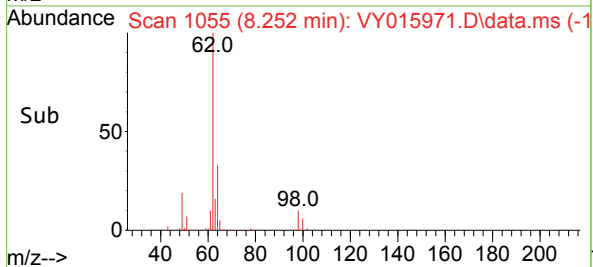
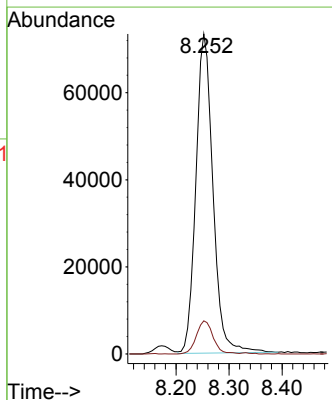
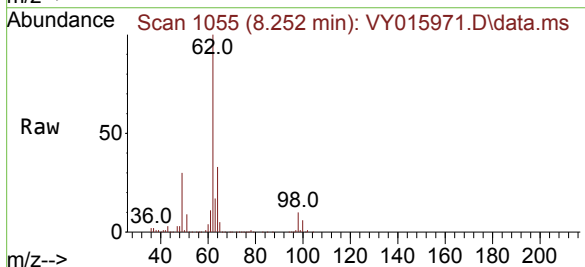
Instrument :
MSVOA_Y
ClientSampleId :

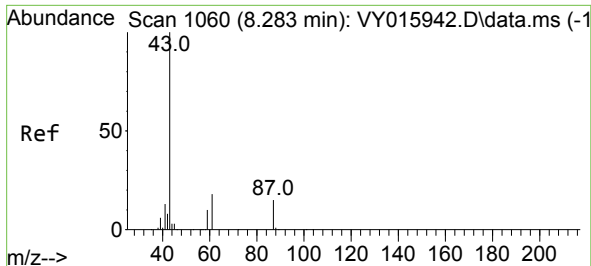
Tgt Ion: 41 Resp: 79740
Ion Ratio Lower Upper
41 100
39 51.4 52.1 78.1#
67 100.8 66.2 99.2#
52 37.8 29.9 44.9



#42
1,2-Dichloroethane
Concen: 53.147 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.012 min
Lab File: VY015971.D
Acq: 13 Oct 2023 20:33

Tgt Ion: 62 Resp: 163667
Ion Ratio Lower Upper
62 100
98 10.2 0.0 15.8

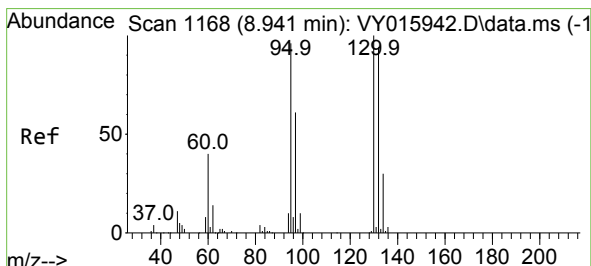
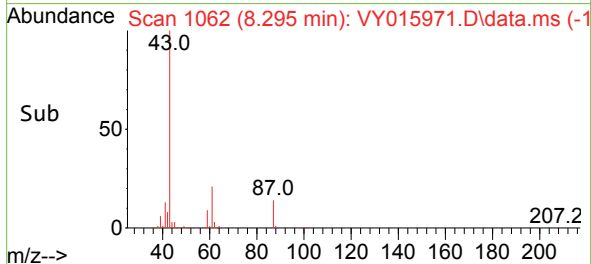
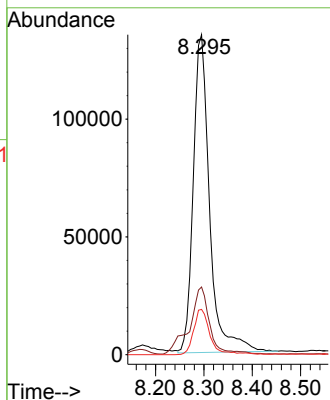
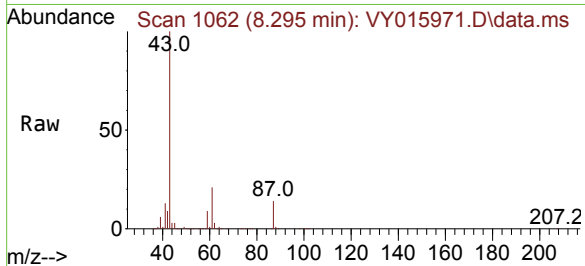




#43
Isopropyl Acetate
Concen: 57.420 ug/l
RT: 8.295 min Scan# 1107
Delta R.T. 0.012 min
Lab File: VY015971.D
Acq: 13 Oct 2023 20:33

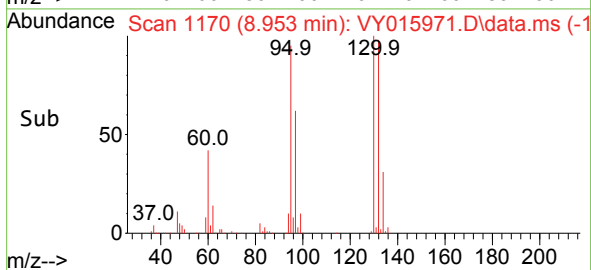
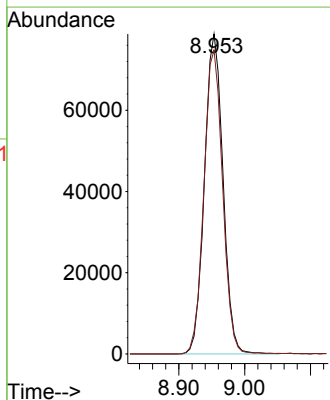
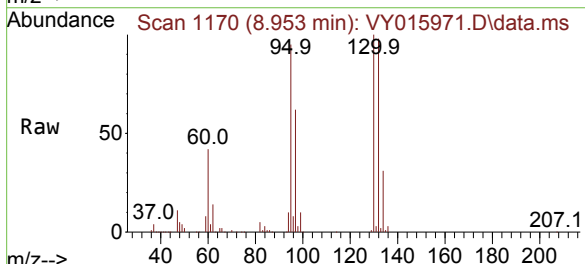
Instrument :
MSVOA_Y
ClientSampleId :

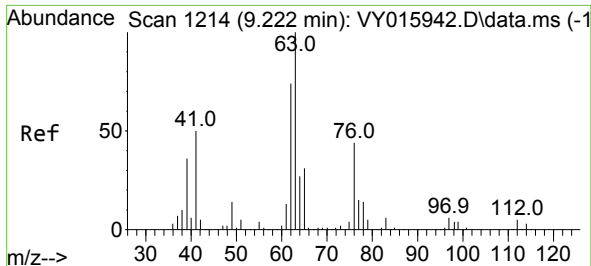
Tgt Ion: 43 Resp: 315713
Ion Ratio Lower Upper
43 100
61 26.4 21.1 31.7
87 14.1 9.8 14.8



#44
Trichloroethene
Concen: 52.146 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. 0.012 min
Lab File: VY015971.D
Acq: 13 Oct 2023 20:33

Tgt Ion:130 Resp: 154227
Ion Ratio Lower Upper
130 100
95 95.0 0.0 196.0





#45

1,2-Dichloropropane

Concen: 52.947 ug/l

RT: 9.228 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015971.D

Acq: 13 Oct 2023 20:33

Instrument :

MSVOA_Y

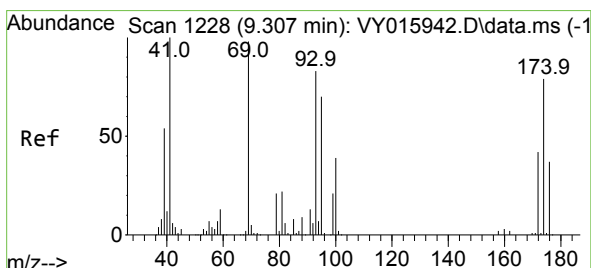
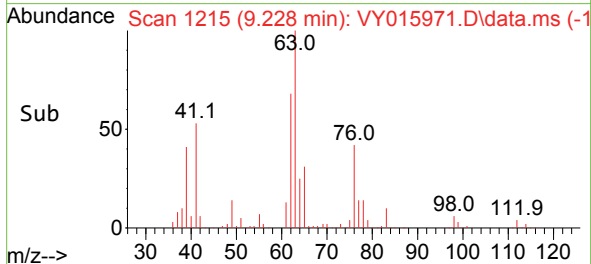
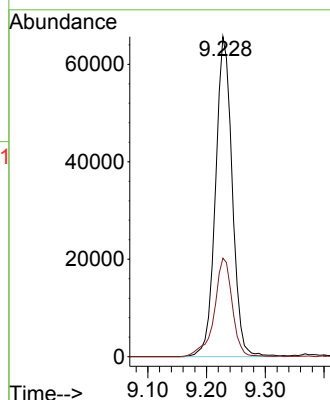
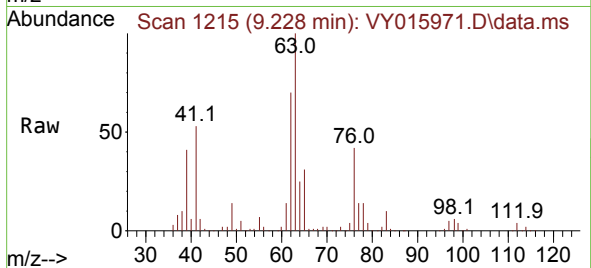
ClientSampleId :

Tgt Ion: 63 Resp: 129664

Ion Ratio Lower Upper

63 100

65 30.8 23.8 35.6



#46

Dibromomethane

Concen: 53.622 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. 0.012 min

Lab File: VY015971.D

Acq: 13 Oct 2023 20:33

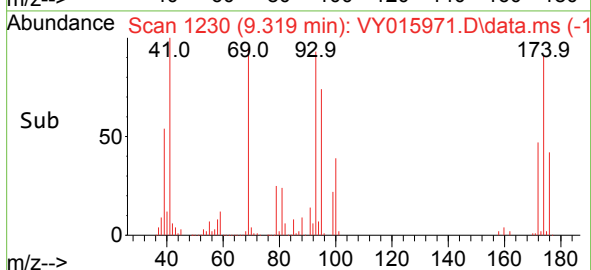
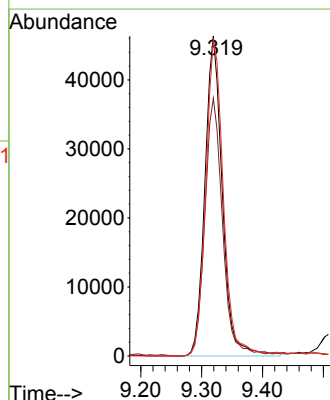
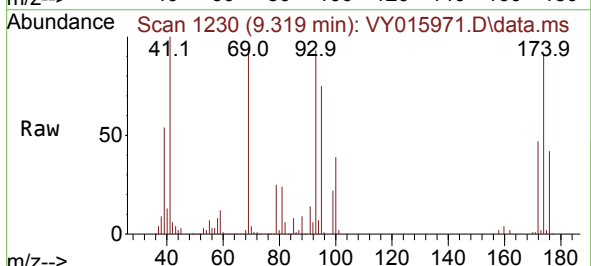
Tgt Ion: 93 Resp: 92303

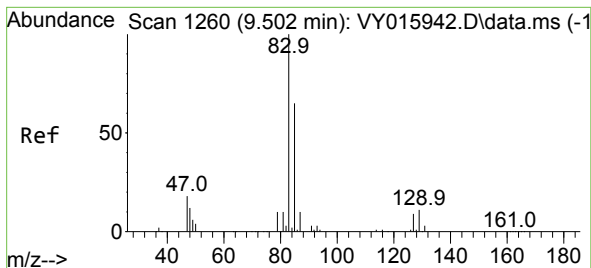
Ion Ratio Lower Upper

93 100

95 81.9 66.6 100.0

174 99.5 84.8 127.2





#47

Bromodichloromethane

Concen: 52.556 ug/l

RT: 9.508 min Scan# 1261

Delta R.T. 0.006 min

Lab File: VY015971.D

Acq: 13 Oct 2023 20:33

Instrument :

MSVOA_Y

ClientSampleId :

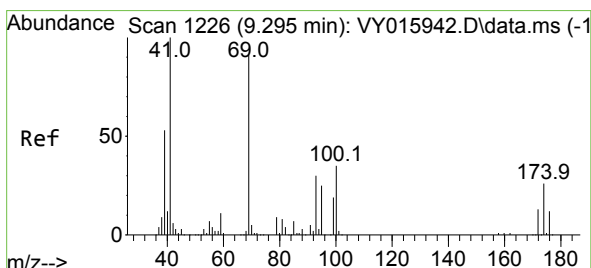
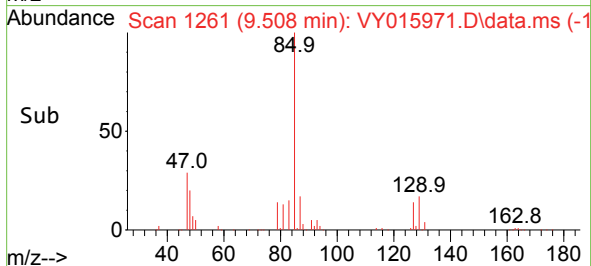
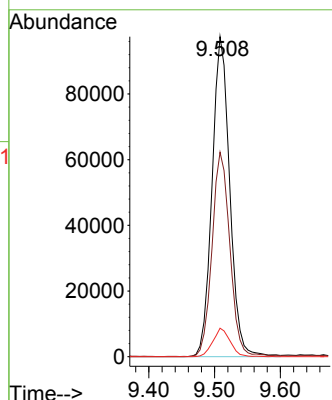
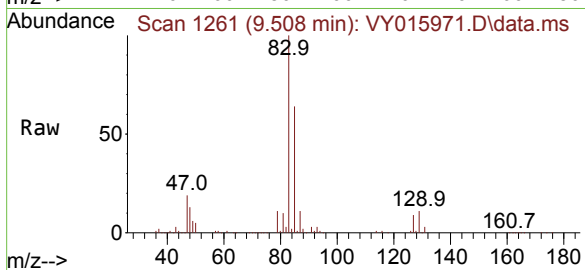
Tgt Ion: 83 Resp: 182684

Ion Ratio Lower Upper

83 100

85 63.8 50.1 75.1

127 8.9 7.1 10.7



#48

Methyl methacrylate

Concen: 56.414 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.012 min

Lab File: VY015971.D

Acq: 13 Oct 2023 20:33

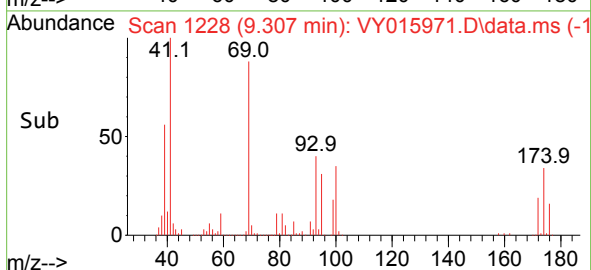
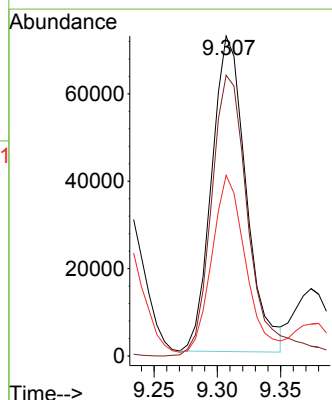
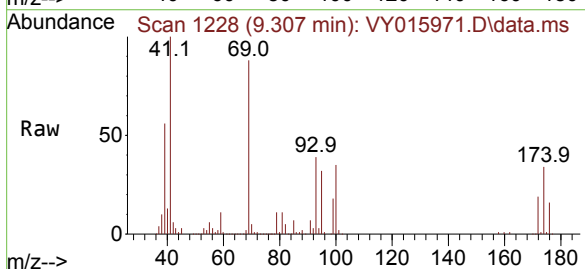
Tgt Ion: 41 Resp: 137009

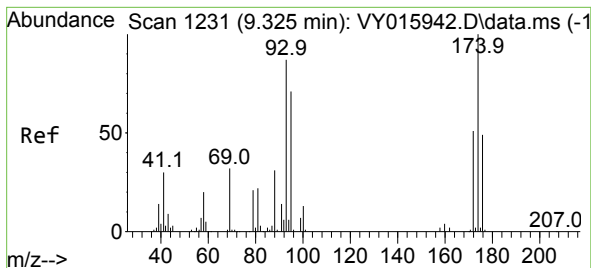
Ion Ratio Lower Upper

41 100

69 97.8 64.5 96.7#

39 55.3 50.8 76.2





#49

1,4-Dioxane

Concen: 1455.182 ug/l

RT: 9.350 min Scan# 11

Delta R.T. 0.024 min

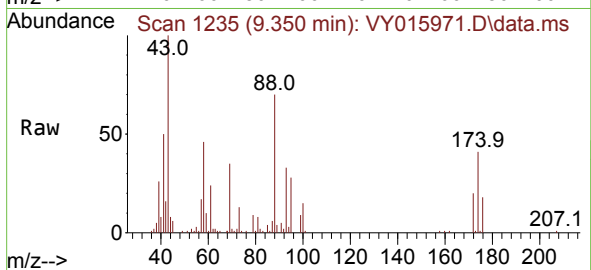
Lab File: VY015971.D

Acq: 13 Oct 2023 20:33

Instrument :

MSVOA_Y

ClientSampleId :



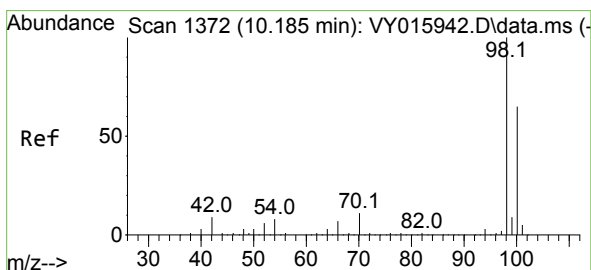
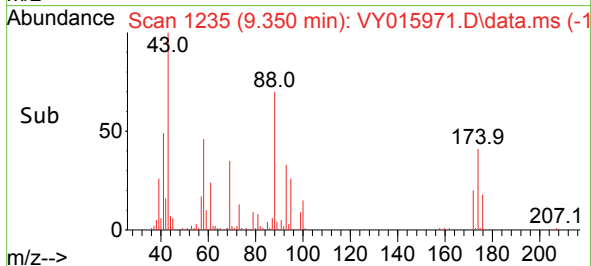
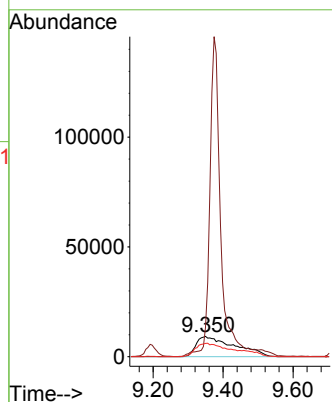
Tgt Ion: 88 Resp: 69857

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 66.6 30.9 46.3#



#50

Toluene-d8

Concen: 49.230 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.006 min

Lab File: VY015971.D

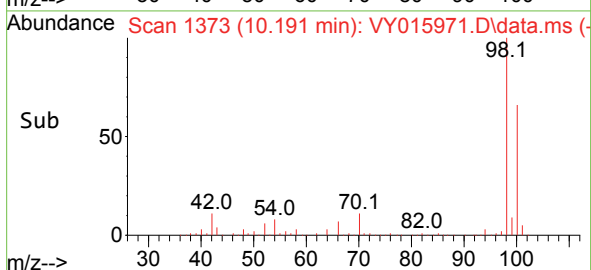
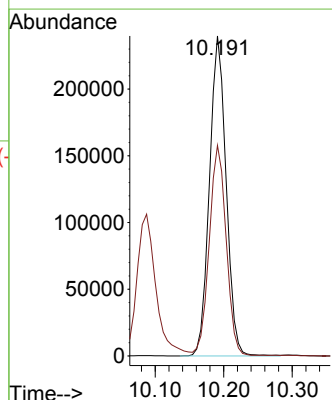
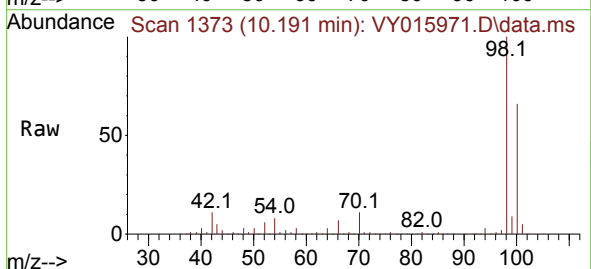
Acq: 13 Oct 2023 20:33

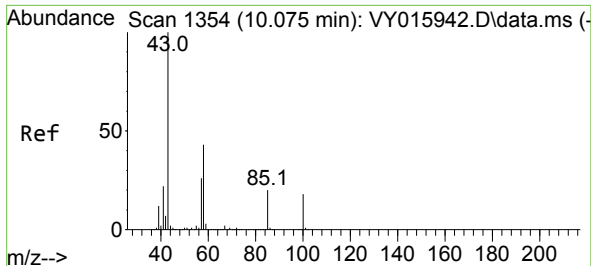
Tgt Ion: 98 Resp: 405289

Ion Ratio Lower Upper

98 100

100 66.4 50.1 75.1

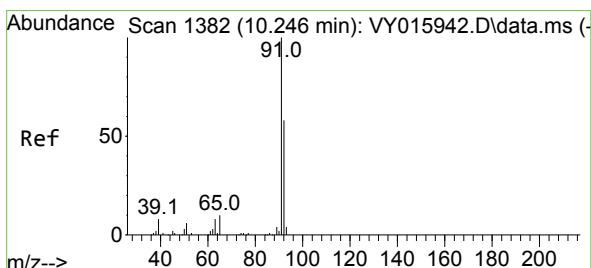
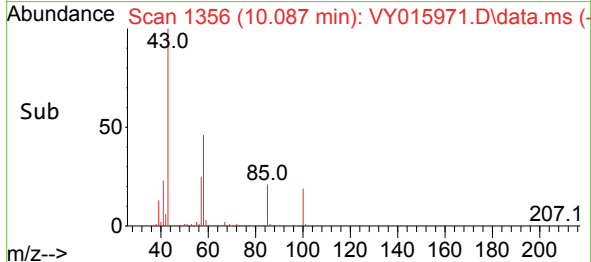
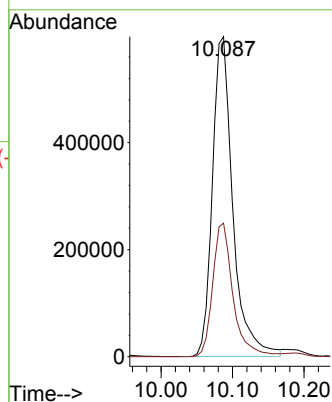
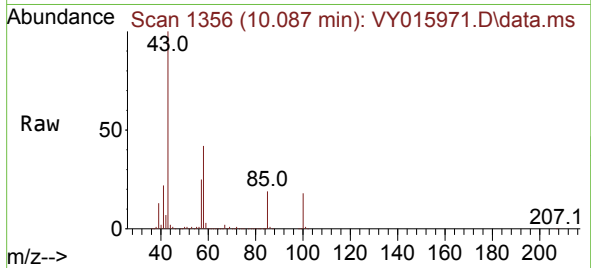




#51
4-Methyl-2-Pentanone
Concen: 292.822 ug/l
RT: 10.087 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY015971.D
Acq: 13 Oct 2023 20:33

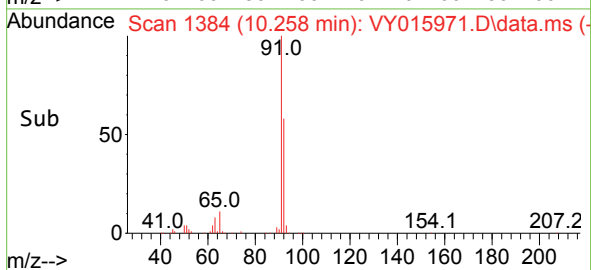
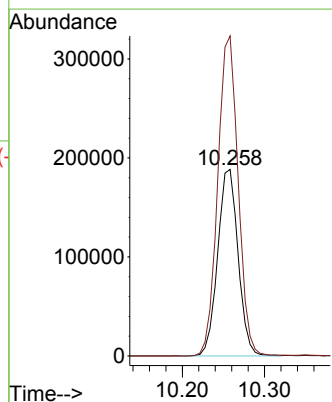
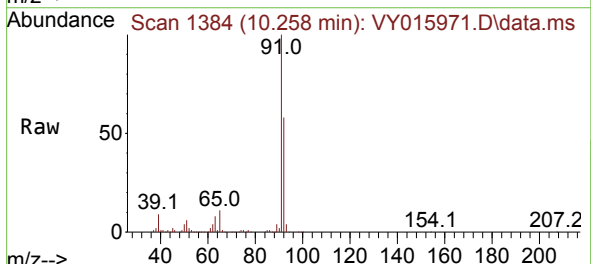
Instrument :
MSVOA_Y
ClientSampleId :

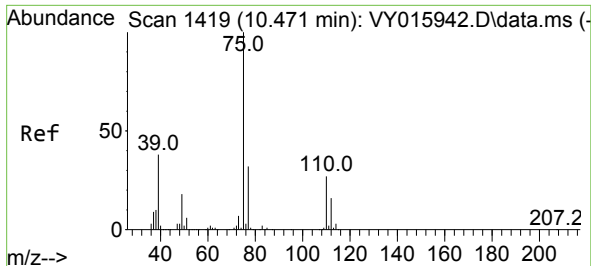
Tgt Ion: 43 Resp: 1186531
Ion Ratio Lower Upper
43 100
58 41.6 29.0 43.6



#52
Toluene
Concen: 52.938 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.012 min
Lab File: VY015971.D
Acq: 13 Oct 2023 20:33

Tgt Ion: 92 Resp: 324834
Ion Ratio Lower Upper
92 100
91 171.8 143.8 215.6

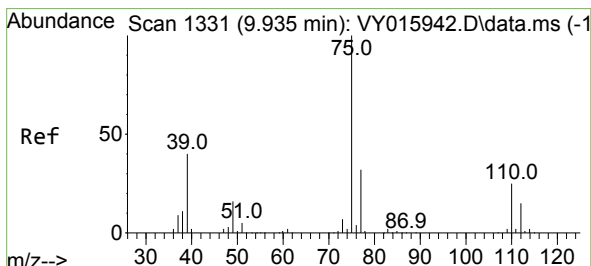
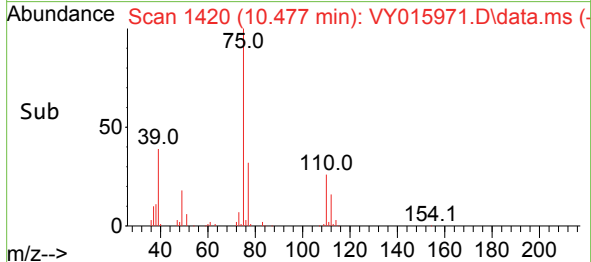
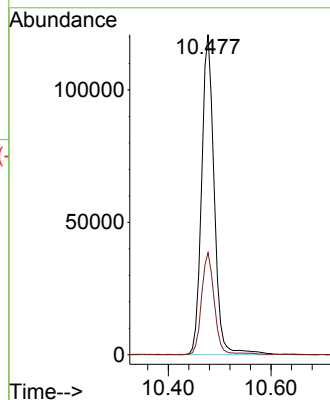
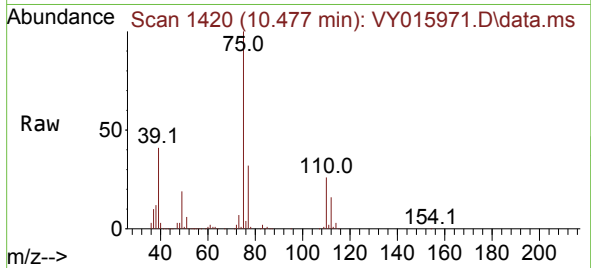




#53
 t-1,3-Dichloropropene
 Concen: 52.807 ug/l
 RT: 10.477 min Scan# 1419
 Delta R.T. 0.006 min
 Lab File: VY015971.D
 Acq: 13 Oct 2023 20:33

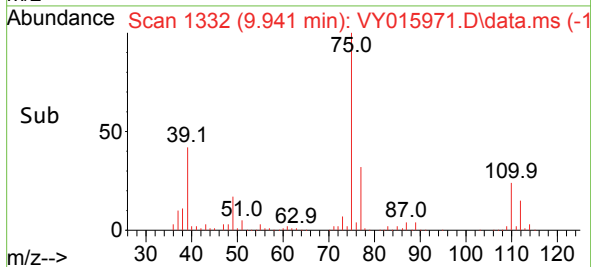
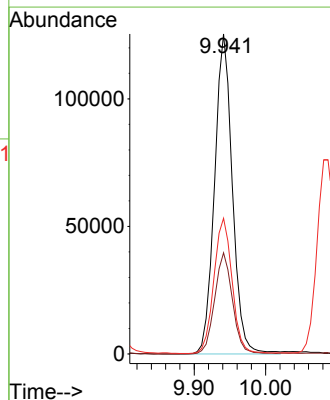
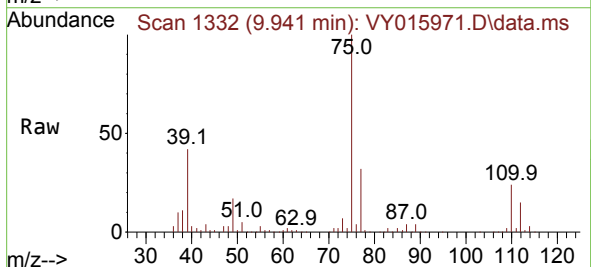
Instrument :
 MSVOA_Y
 ClientSampleId :

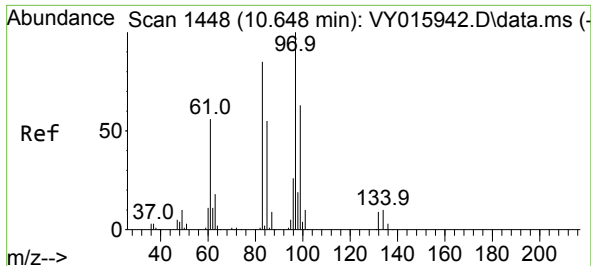
Tgt Ion: 75 Resp: 205812
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 51.859 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. 0.006 min
 Lab File: VY015971.D
 Acq: 13 Oct 2023 20:33

Tgt Ion: 75 Resp: 217270
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.2 36.4
 39 42.3 42.2 63.4

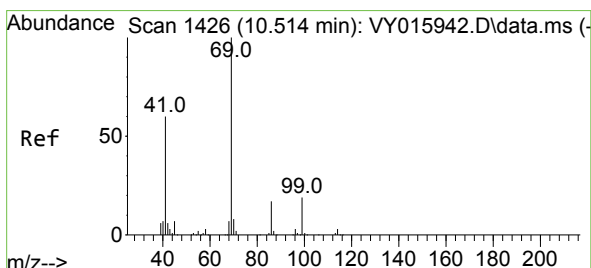
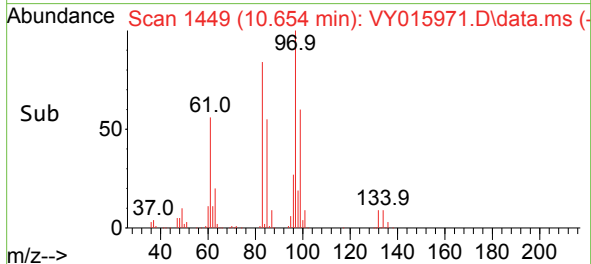
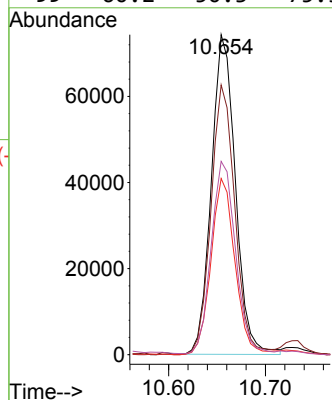
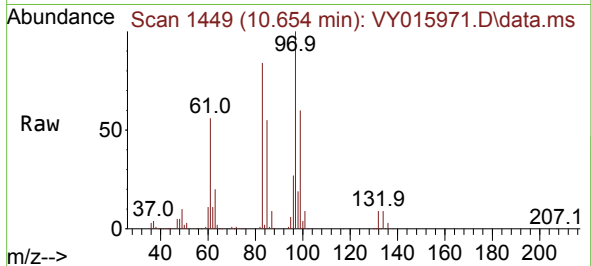




#55
1,1,2-Trichloroethane
Concen: 52.394 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.006 min
Lab File: VY015971.D
Acq: 13 Oct 2023 20:33

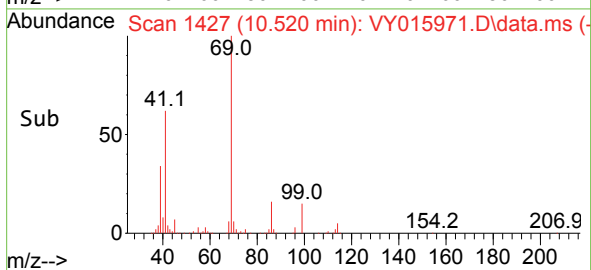
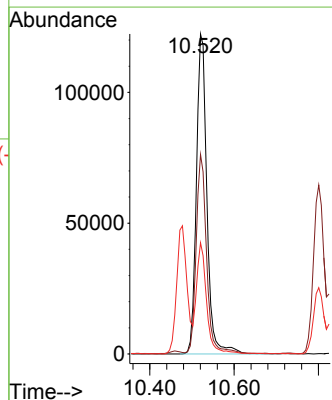
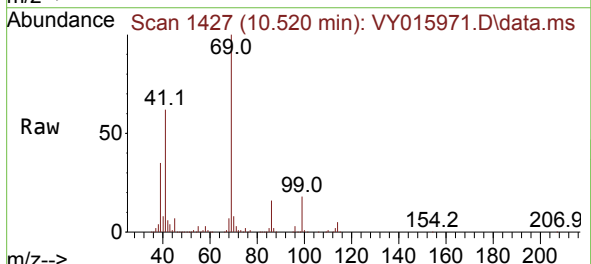
Instrument :
MSVOA_Y
ClientSampleId :

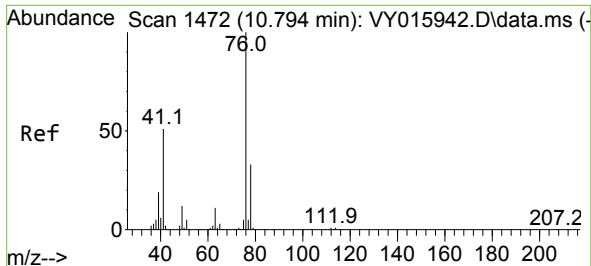
Tgt Ion: 97 Resp: 128408
Ion Ratio Lower Upper
97 100
83 84.4 72.0 108.0
85 55.1 45.4 68.0
99 60.2 50.3 75.5



#56
Ethyl methacrylate
Concen: 55.505 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.006 min
Lab File: VY015971.D
Acq: 13 Oct 2023 20:33

Tgt Ion: 69 Resp: 212955
Ion Ratio Lower Upper
69 100
41 61.3 57.6 86.4
39 32.4 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 52.798 ug/l

RT: 10.801 min Scan# 1472

Delta R.T. 0.006 min

Lab File: VY015971.D

Acq: 13 Oct 2023 20:33

Instrument :

MSVOA_Y

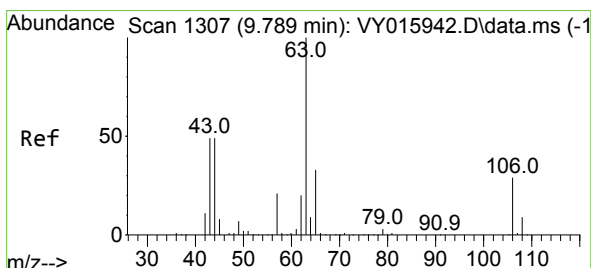
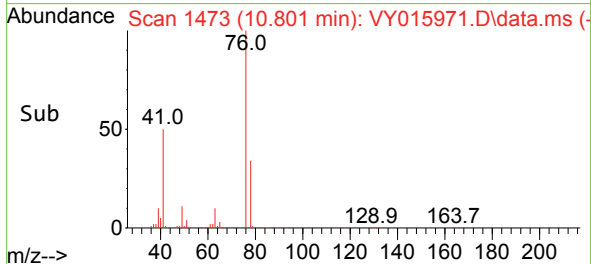
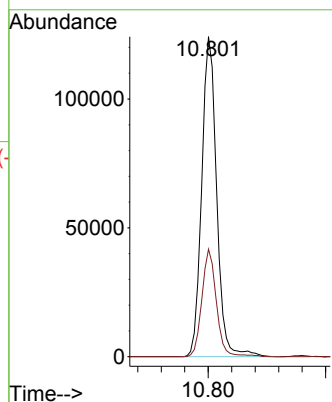
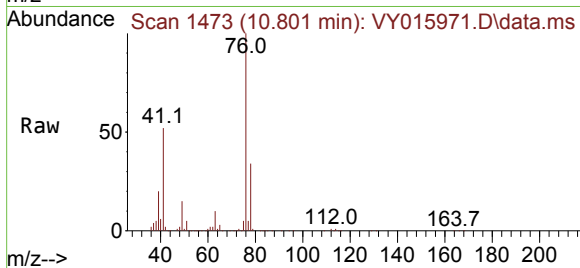
ClientSampleId :

Tgt Ion: 76 Resp: 219518

Ion Ratio Lower Upper

76 100

78 32.6 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 383.681 ug/l

RT: 9.795 min Scan# 1308

Delta R.T. 0.006 min

Lab File: VY015971.D

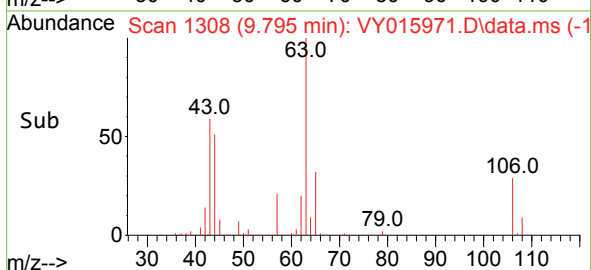
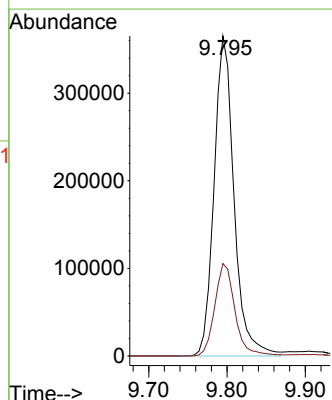
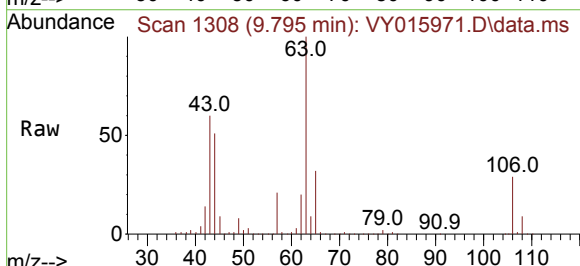
Acq: 13 Oct 2023 20:33

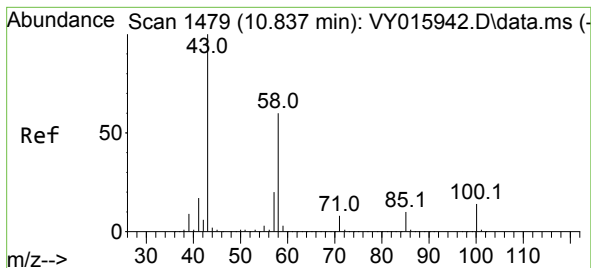
Tgt Ion: 63 Resp: 645973

Ion Ratio Lower Upper

63 100

106 29.3 21.2 31.8

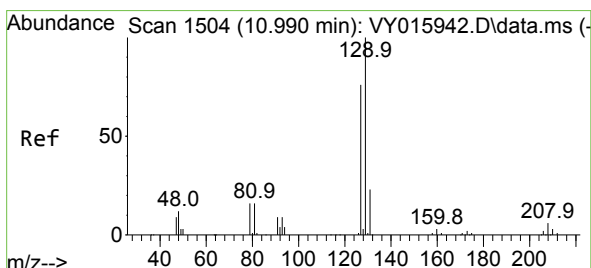
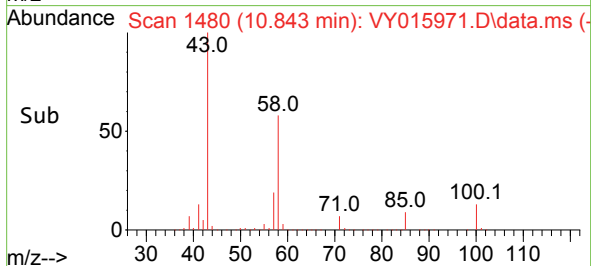
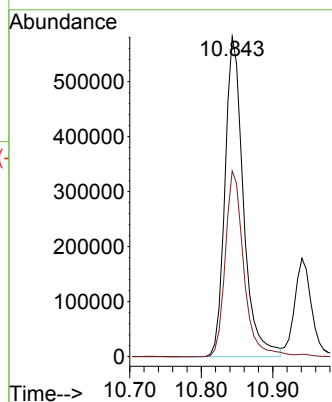
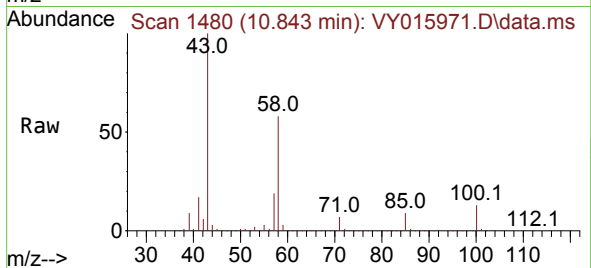




#59
2-Hexanone
Concen: 300.277 ug/l
RT: 10.843 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY015971.D
Acq: 13 Oct 2023 20:33

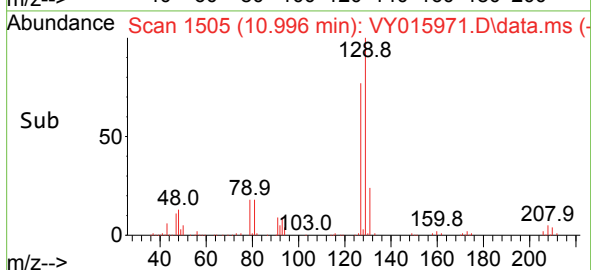
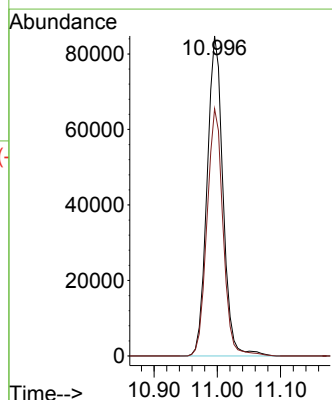
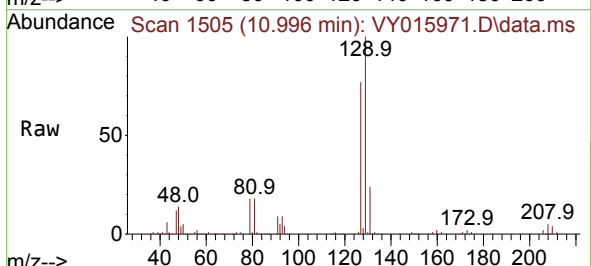
Instrument :
MSVOA_Y
ClientSampleId :

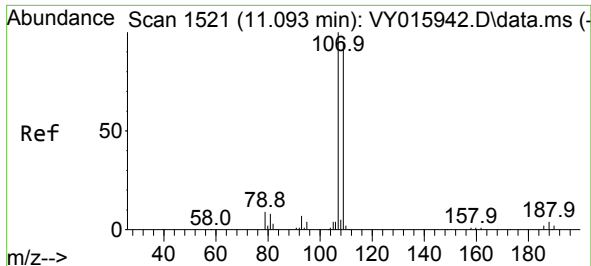
Tgt Ion: 43 Resp: 1038625
Ion Ratio Lower Upper
43 100
58 58.3 25.1 75.3



#60
Dibromochloromethane
Concen: 53.185 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.006 min
Lab File: VY015971.D
Acq: 13 Oct 2023 20:33

Tgt Ion: 129 Resp: 148227
Ion Ratio Lower Upper
129 100
127 78.0 38.5 115.5

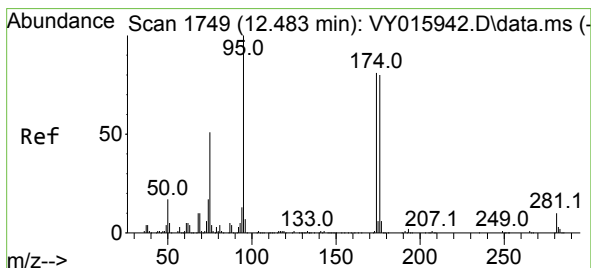
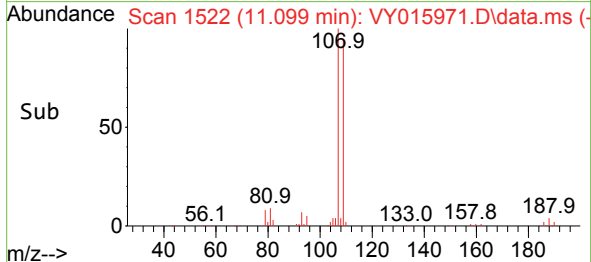
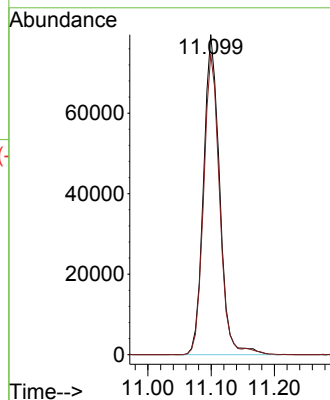
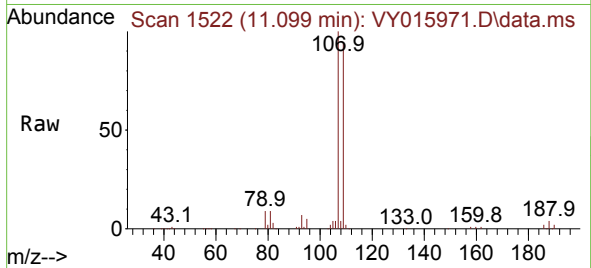




#61
1,2-Dibromoethane
Concen: 53.046 ug/l
RT: 11.099 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015971.D
Acq: 13 Oct 2023 20:33

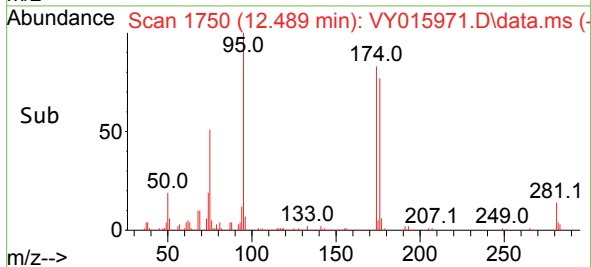
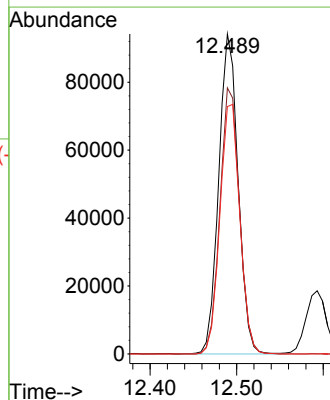
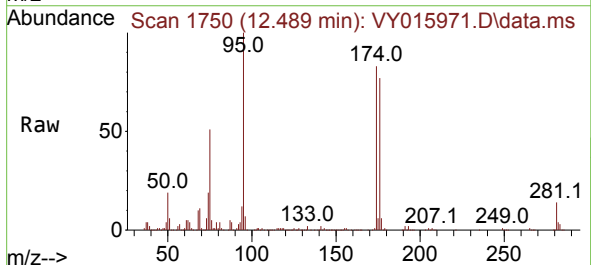
Instrument :
MSVOA_Y
ClientSampleId :

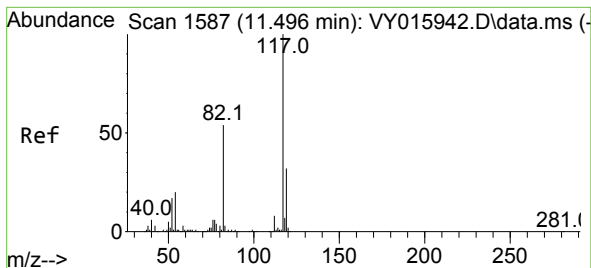
Tgt Ion:107 Resp: 140671
Ion Ratio Lower Upper
107 100
109 93.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 49.925 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY015971.D
Acq: 13 Oct 2023 20:33

Tgt Ion: 95 Resp: 146353
Ion Ratio Lower Upper
95 100
174 83.9 0.0 178.2
176 80.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015971.D

Acq: 13 Oct 2023 20:33

Instrument :

MSVOA_Y

ClientSampleId :

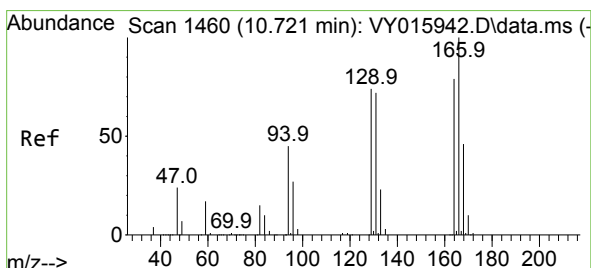
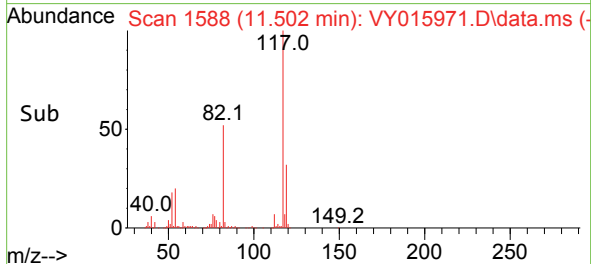
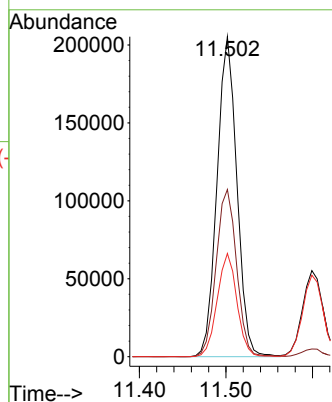
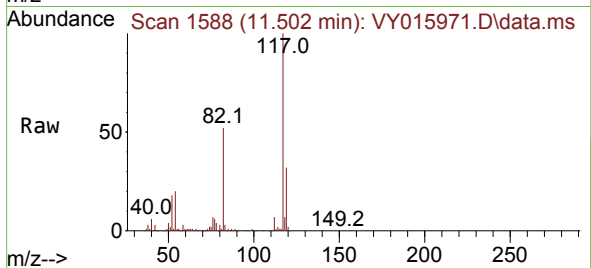
Tgt Ion:117 Resp: 326884

Ion Ratio Lower Upper

117 100

82 52.2 43.4 65.0

119 32.3 26.3 39.5



#64

Tetrachloroethene

Concen: 51.806 ug/l

RT: 10.734 min Scan# 1462

Delta R.T. 0.012 min

Lab File: VY015971.D

Acq: 13 Oct 2023 20:33

Tgt Ion:164 Resp: 147624

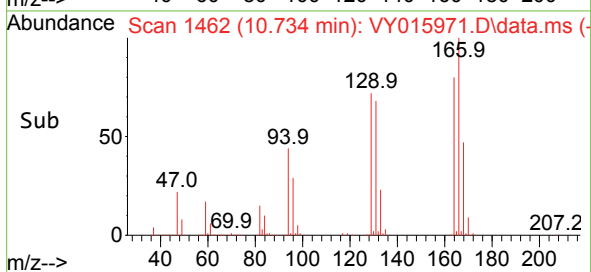
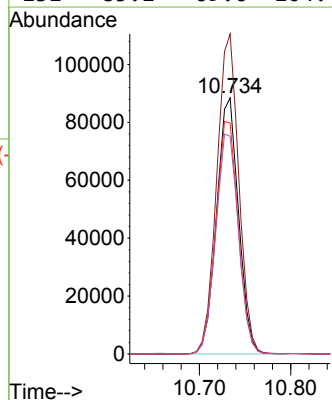
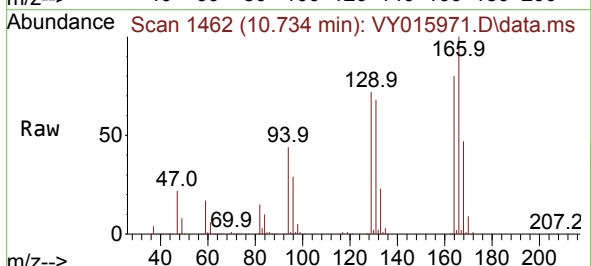
Ion Ratio Lower Upper

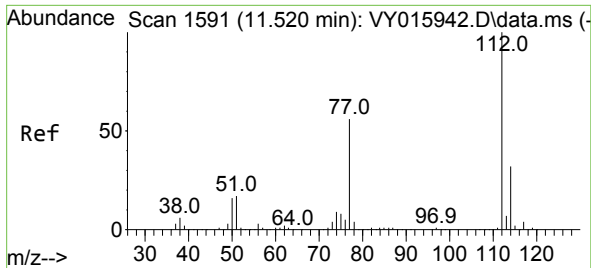
164 100

166 125.0 103.0 154.6

129 90.2 77.2 115.8

131 85.1 69.6 104.4

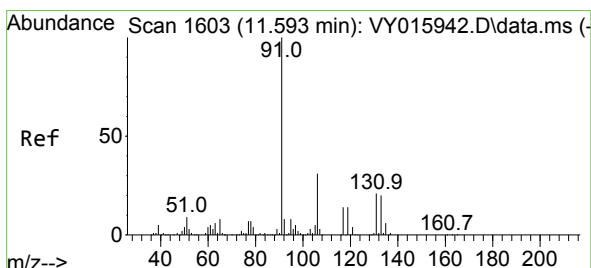
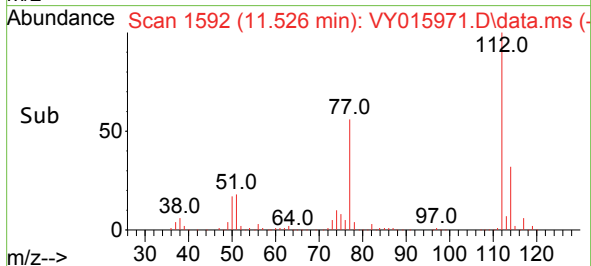
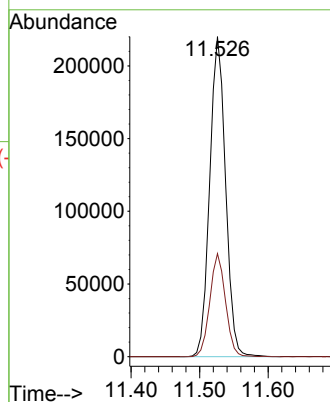
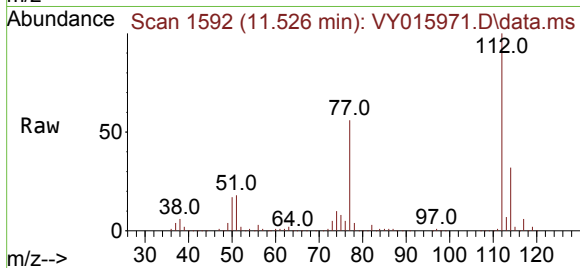




#65
Chlorobenzene
Concen: 51.750 ug/l
RT: 11.526 min Scan# 111
Delta R.T. 0.006 min
Lab File: VY015971.D
Acq: 13 Oct 2023 20:33

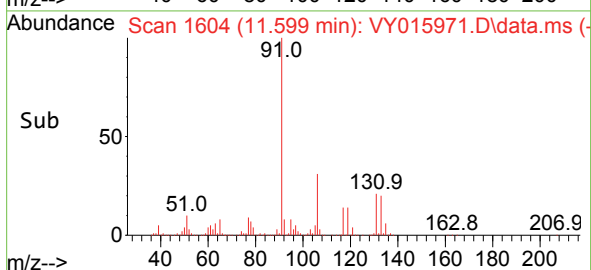
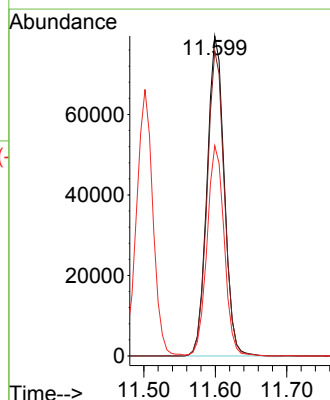
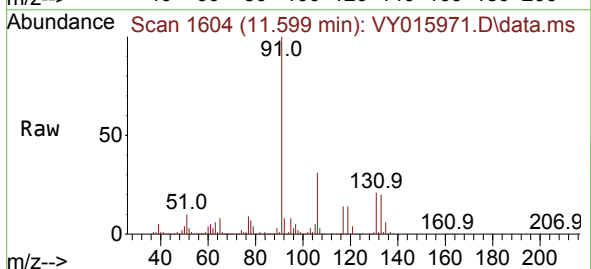
Instrument :
MSVOA_Y
ClientSampleId :

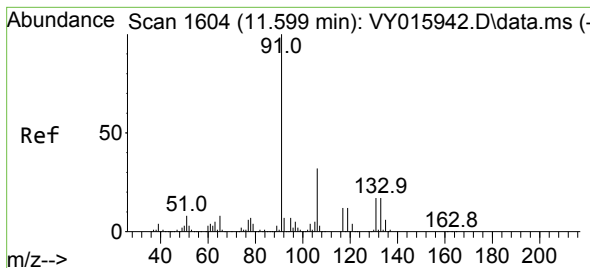
Tgt Ion:112 Resp: 354436
Ion Ratio Lower Upper
112 100
114 32.2 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 52.393 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY015971.D
Acq: 13 Oct 2023 20:33

Tgt Ion:131 Resp: 132835
Ion Ratio Lower Upper
131 100
133 95.3 47.5 142.6
119 65.7 31.6 94.7





#67

Ethyl Benzene

Concen: 52.113 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.006 min

Lab File: VY015971.D

Acq: 13 Oct 2023 20:33

Instrument :

MSVOA_Y

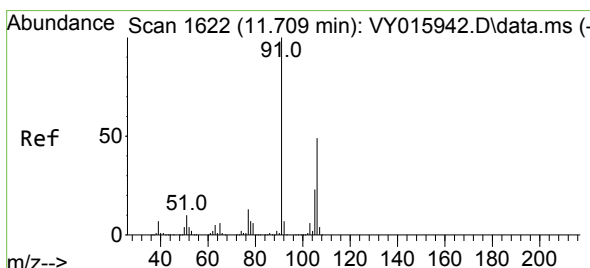
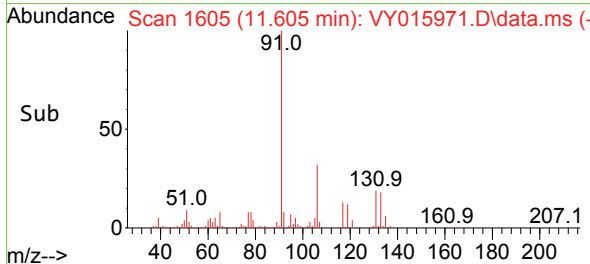
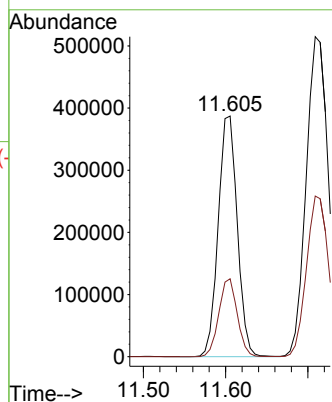
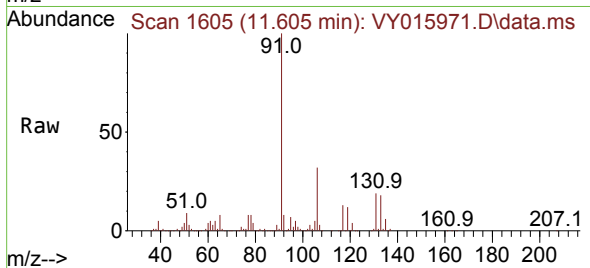
ClientSampleId :

Tgt Ion: 91 Resp: 624095

Ion Ratio Lower Upper

91 100

106 32.4 24.6 36.8



#68

m/p-Xylenes

Concen: 104.680 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.000 min

Lab File: VY015971.D

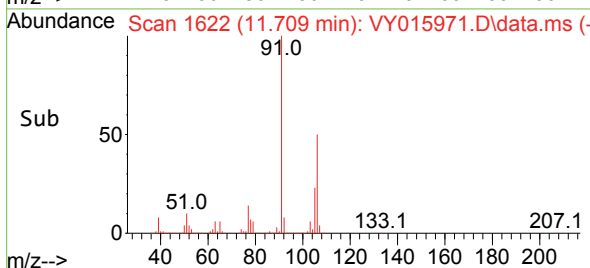
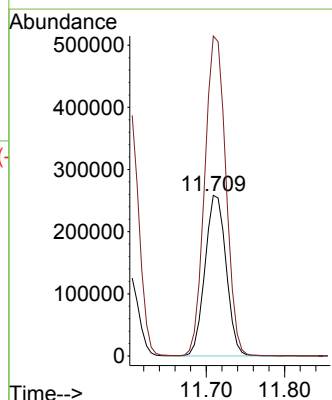
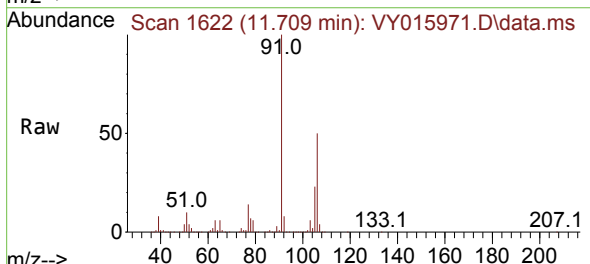
Acq: 13 Oct 2023 20:33

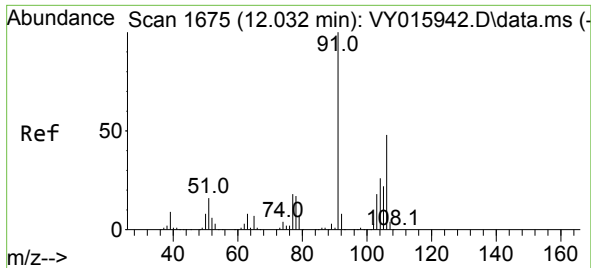
Tgt Ion:106 Resp: 483804

Ion Ratio Lower Upper

106 100

91 199.8 166.1 249.1

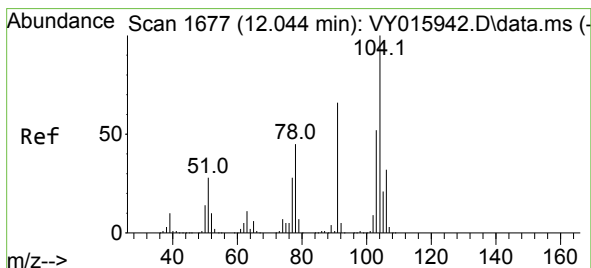
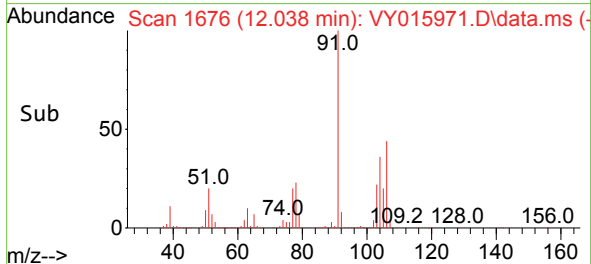
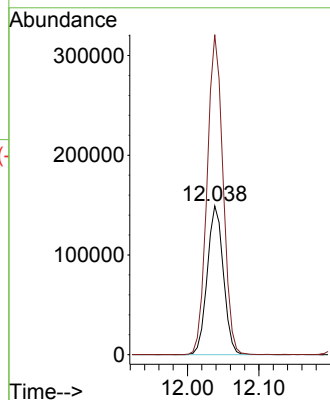
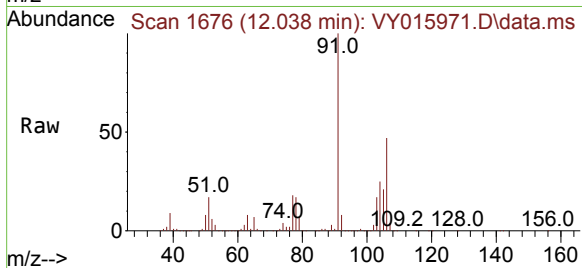




#69
o-Xylene
Concen: 52.883 ug/l
RT: 12.038 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY015971.D
Acq: 13 Oct 2023 20:33

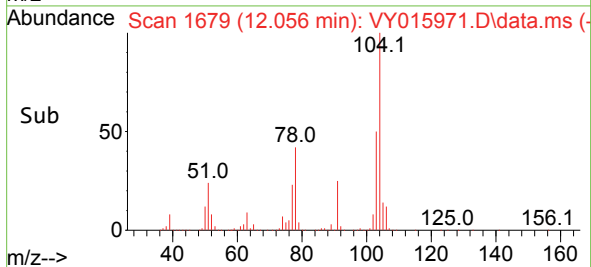
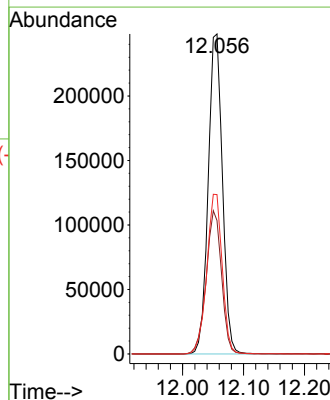
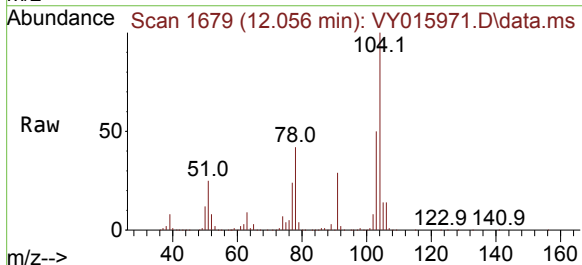
Instrument :
MSVOA_Y
ClientSampleId :

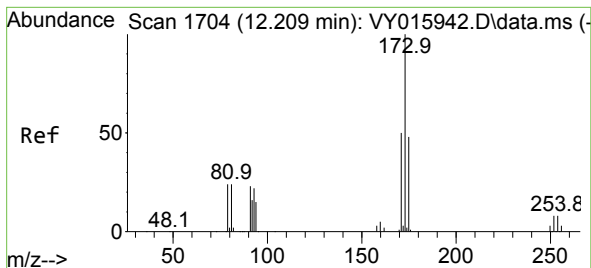
Tgt Ion:106 Resp: 233670
Ion Ratio Lower Upper
106 100
91 212.9 108.1 324.3



#70
Styrene
Concen: 53.686 ug/l
RT: 12.056 min Scan# 1679
Delta R.T. 0.012 min
Lab File: VY015971.D
Acq: 13 Oct 2023 20:33

Tgt Ion:104 Resp: 403721
Ion Ratio Lower Upper
104 100
78 48.3 41.5 62.3
103 54.0 44.6 67.0





#71

Bromoform

Concen: 53.600 ug/l

RT: 12.221 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY015971.D

Acq: 13 Oct 2023 20:33

Instrument :

MSVOA_Y

ClientSampleId :

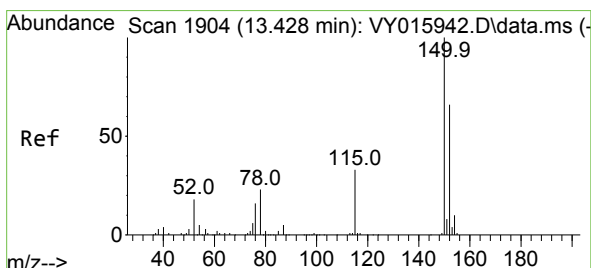
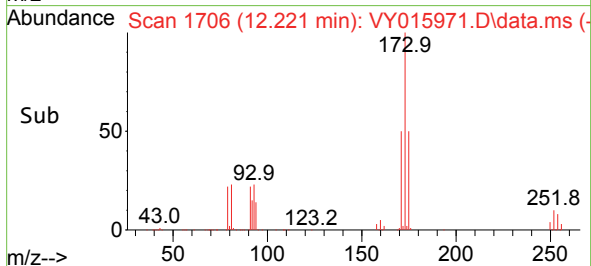
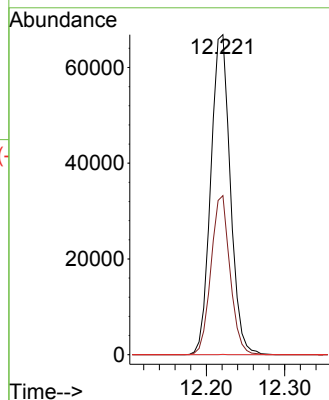
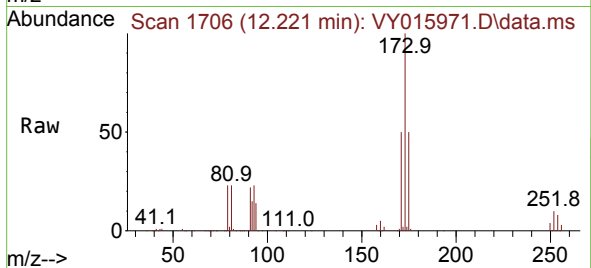
Tgt Ion:173 Resp: 115726

Ion Ratio Lower Upper

173 100

175 48.4 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: VY015971.D

Acq: 13 Oct 2023 20:33

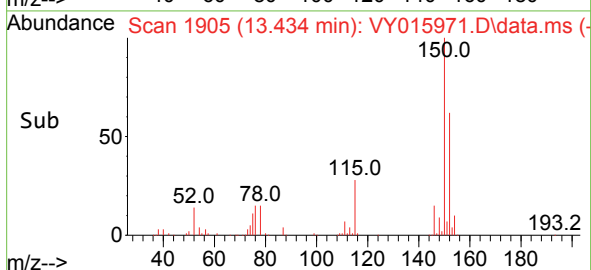
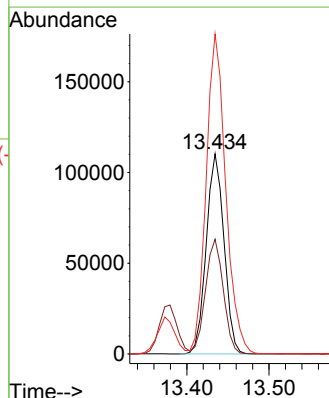
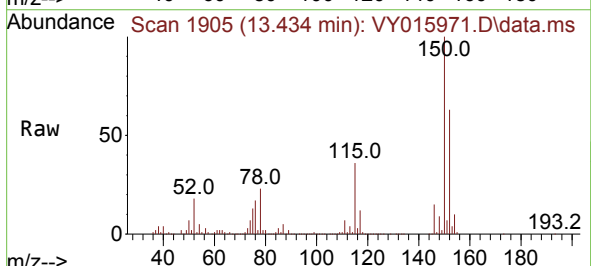
Tgt Ion:152 Resp: 165761

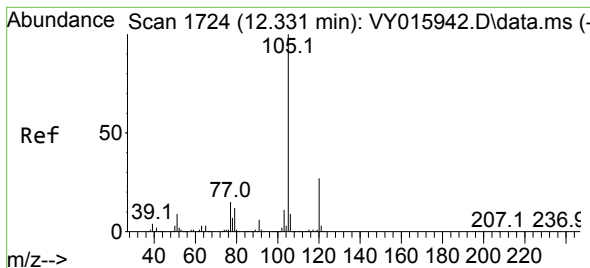
Ion Ratio Lower Upper

152 100

115 57.4 28.8 86.5

150 176.0 0.0 348.8





#73

Isopropylbenzene

Concen: 51.518 ug/l

RT: 12.337 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015971.D

Acq: 13 Oct 2023 20:33

Instrument :

MSVOA_Y

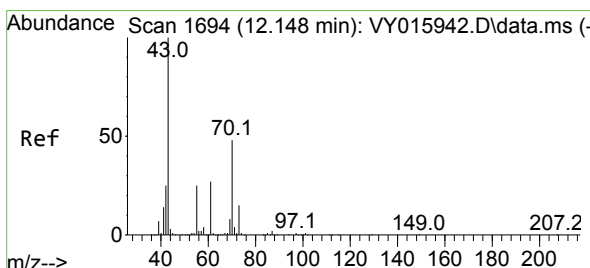
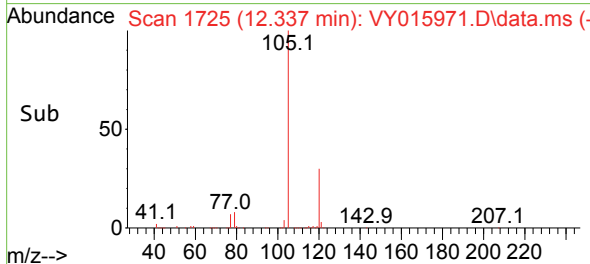
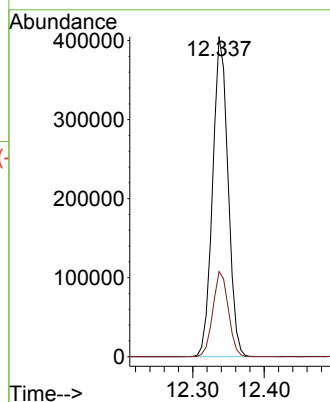
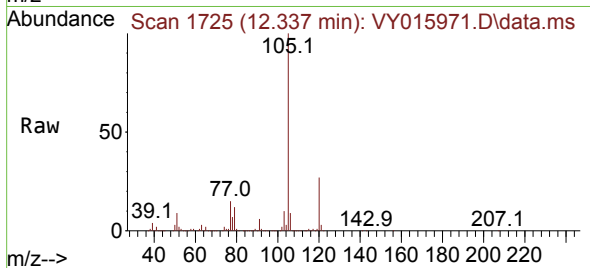
ClientSampleId :

Tgt Ion:105 Resp: 604535

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9



#74

N-ethyl acetate

Concen: 55.975 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. 0.006 min

Lab File: VY015971.D

Acq: 13 Oct 2023 20:33

Tgt Ion: 43 Resp: 265355

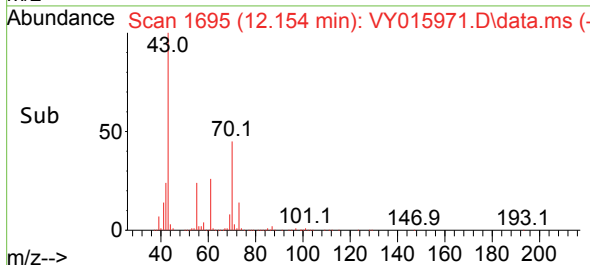
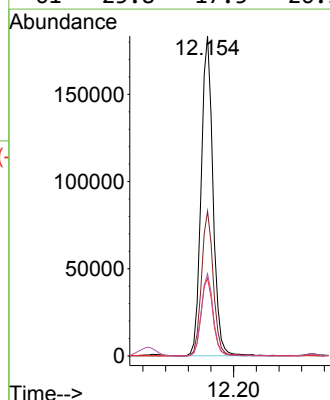
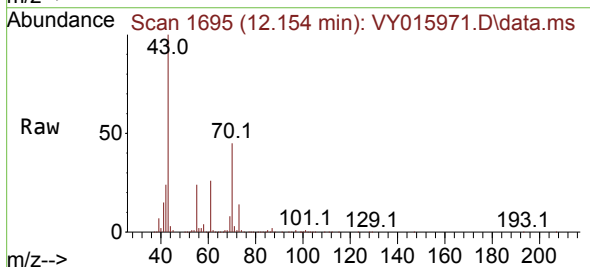
Ion Ratio Lower Upper

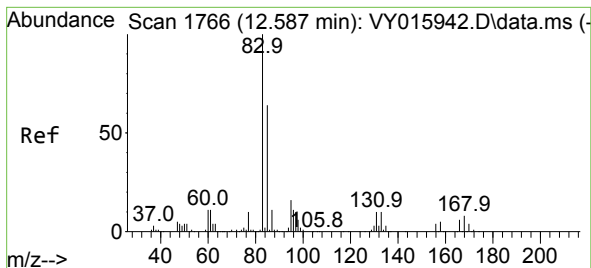
43 100

70 45.5 29.7 44.5

55 24.6 18.3 27.5

61 25.8 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 51.503 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. 0.006 min

Lab File: VY015971.D

Acq: 13 Oct 2023 20:33

Instrument :

MSVOA_Y

ClientSampleId :

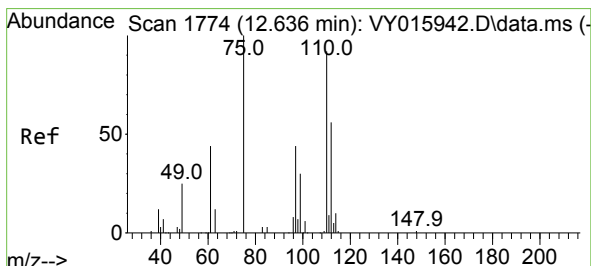
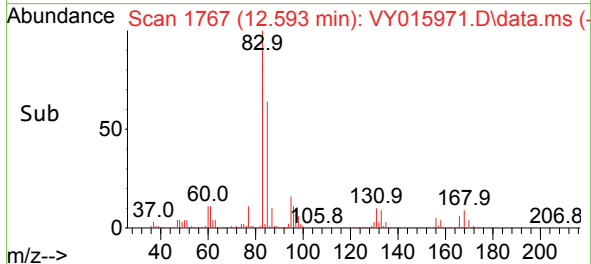
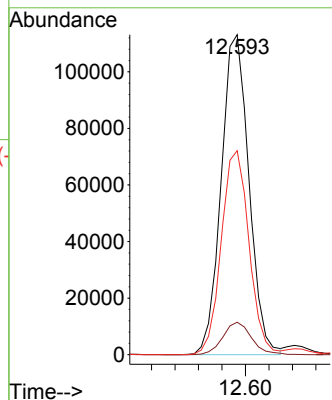
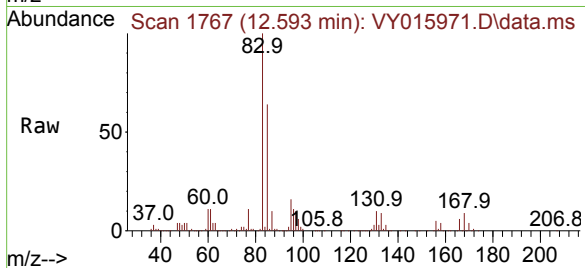
Tgt Ion: 83 Resp: 185634

Ion Ratio Lower Upper

83 100

131 10.5 5.4 16.2

85 63.7 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 86.400 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY015971.D

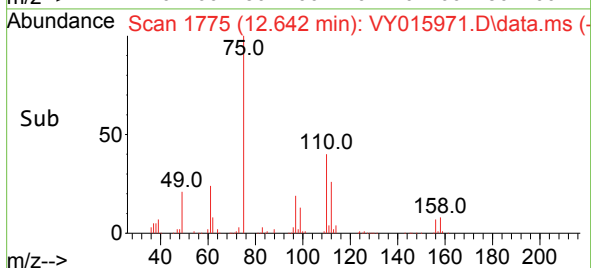
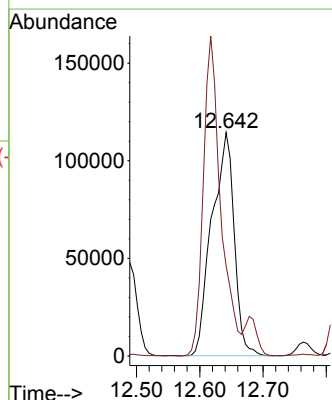
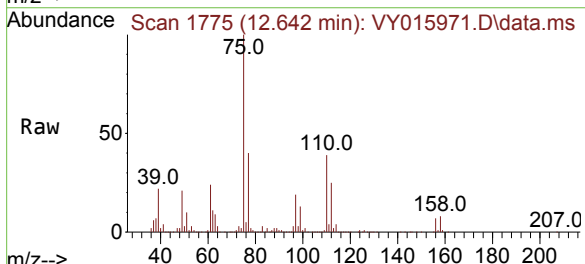
Acq: 13 Oct 2023 20:33

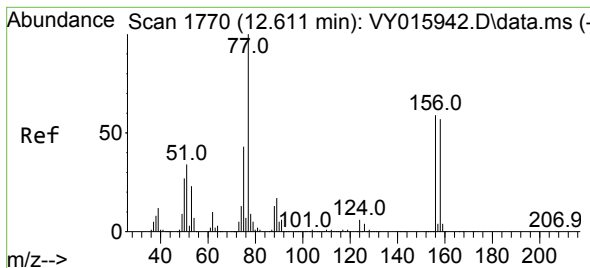
Tgt Ion: 75 Resp: 280278

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.734 ug/l

RT: 12.617 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY015971.D

Acq: 13 Oct 2023 20:33

Instrument :

MSVOA_Y

ClientSampleId :

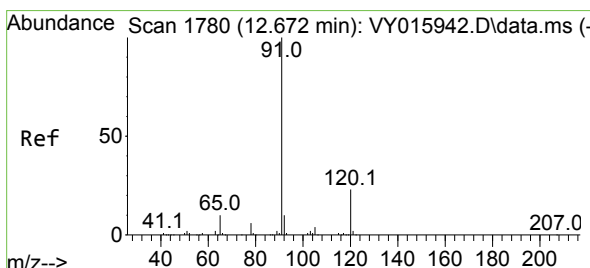
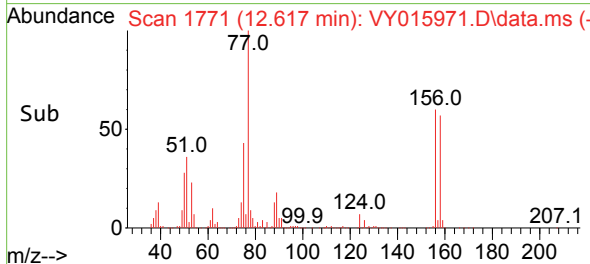
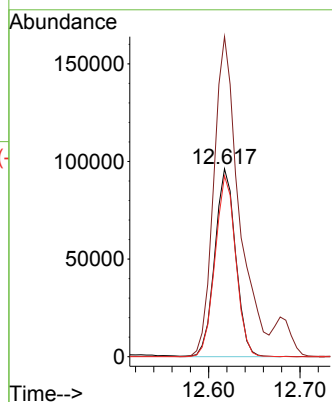
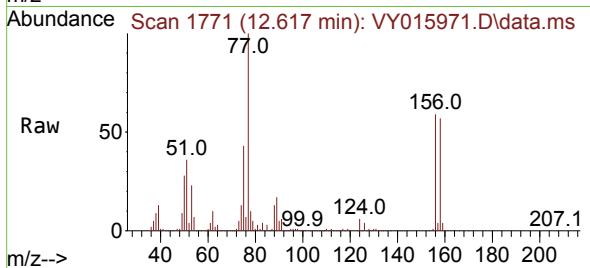
Tgt Ion:156 Resp: 152398

Ion Ratio Lower Upper

156 100

77 207.3 92.8 278.6

158 95.7 48.4 145.3



#78

n-propylbenzene

Concen: 51.484 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.006 min

Lab File: VY015971.D

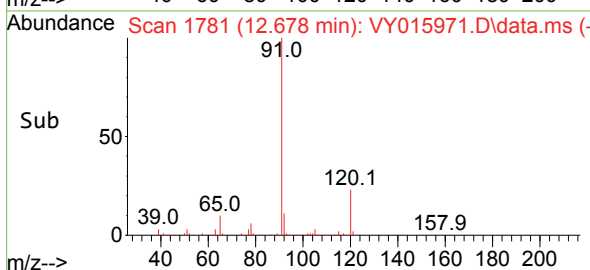
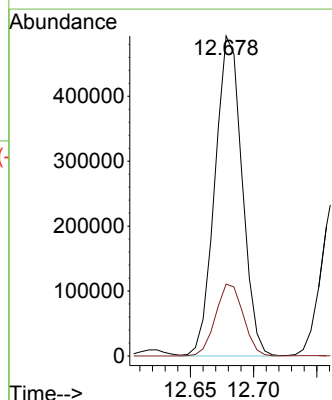
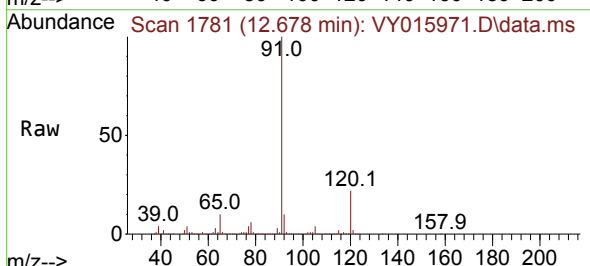
Acq: 13 Oct 2023 20:33

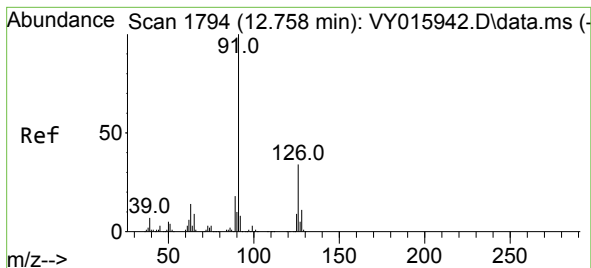
Tgt Ion: 91 Resp: 734660

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.4





#79

2-Chlorotoluene

Concen: 51.530 ug/l

RT: 12.764 min Scan# 1795

Delta R.T. 0.006 min

Lab File: VY015971.D

Acq: 13 Oct 2023 20:33

Instrument :

MSVOA_Y

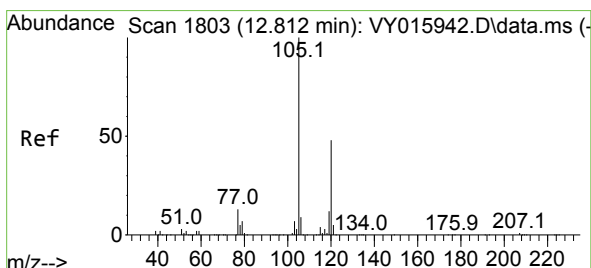
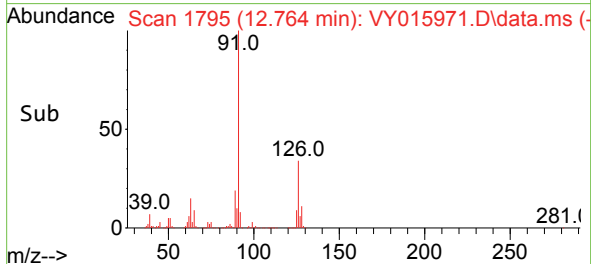
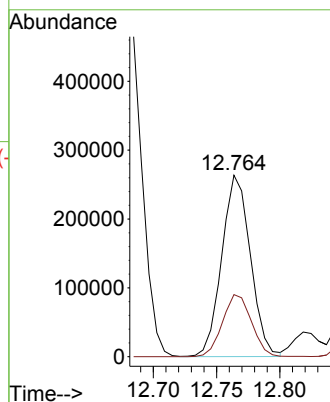
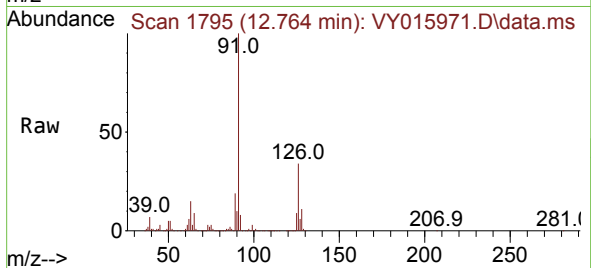
ClientSampleId :

Tgt Ion: 91 Resp: 415899

Ion Ratio Lower Upper

91 100

126 34.7 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 51.978 ug/l

RT: 12.819 min Scan# 1804

Delta R.T. 0.006 min

Lab File: VY015971.D

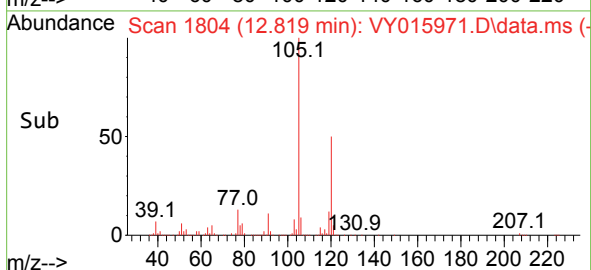
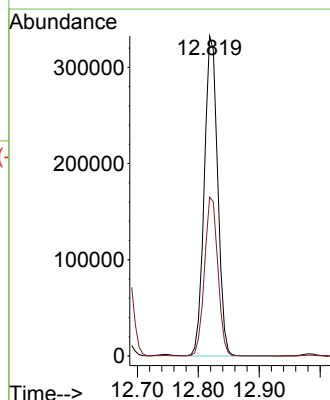
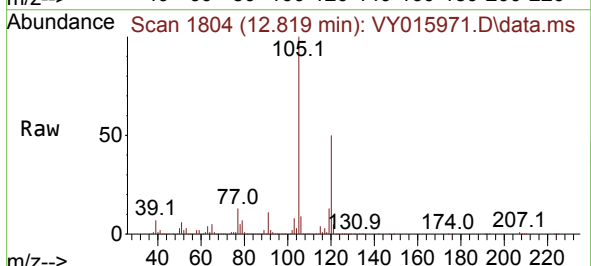
Acq: 13 Oct 2023 20:33

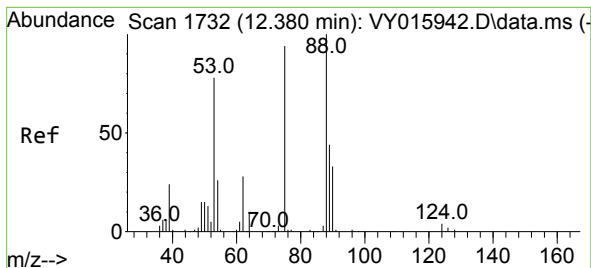
Tgt Ion: 105 Resp: 506727

Ion Ratio Lower Upper

105 100

120 49.6 23.9 71.7

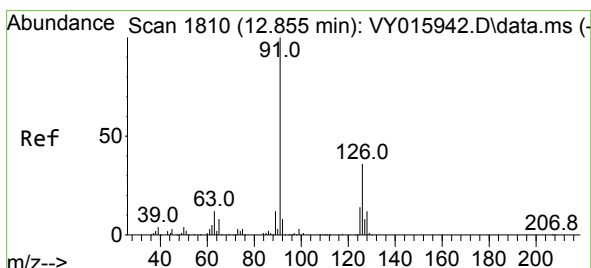
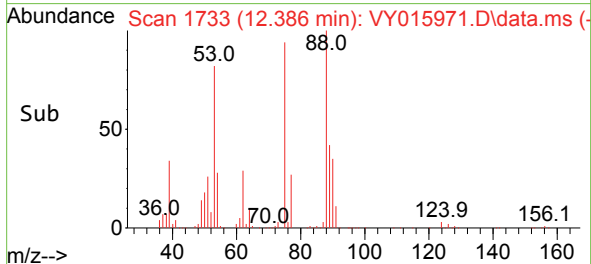
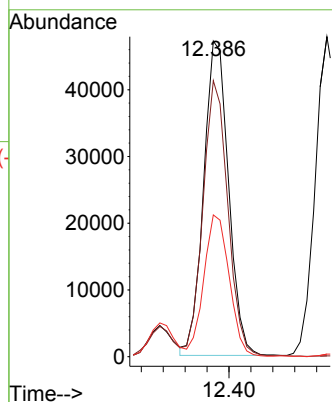
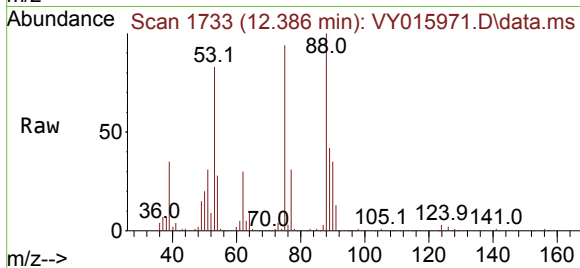




#81
 trans-1,4-Dichloro-2-butene
 Concen: 53.931 ug/l
 RT: 12.386 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY015971.D
 Acq: 13 Oct 2023 20:33

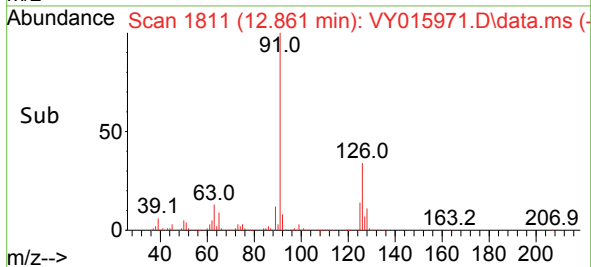
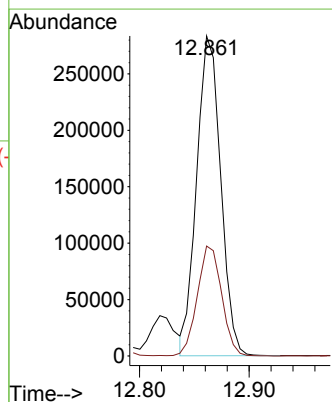
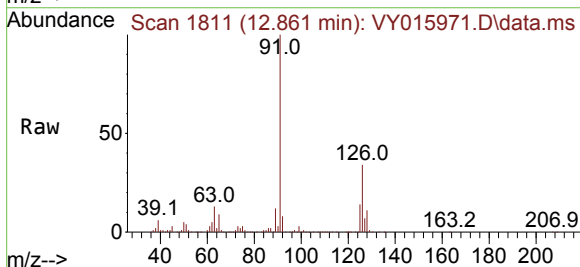
Instrument :
 MSVOA_Y
 ClientSampleId :

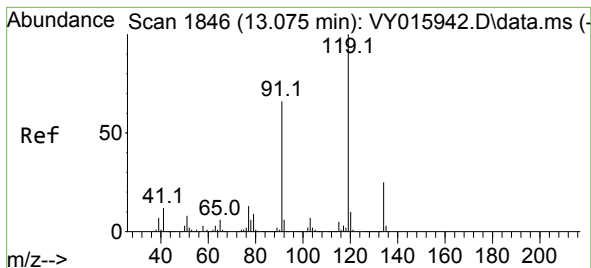
Tgt Ion: 75 Resp: 74267
 Ion Ratio Lower Upper
 75 100
 53 88.0 77.8 116.8
 89 45.9 37.4 56.0



#82
 4-Chlorotoluene
 Concen: 52.047 ug/l
 RT: 12.861 min Scan# 1811
 Delta R.T. 0.006 min
 Lab File: VY015971.D
 Acq: 13 Oct 2023 20:33

Tgt Ion: 91 Resp: 431728
 Ion Ratio Lower Upper
 91 100
 126 34.8 17.2 51.6





#83

tert-Butylbenzene

Concen: 52.145 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY015971.D

Acq: 13 Oct 2023 20:33

Instrument :

MSVOA_Y

ClientSampleId :

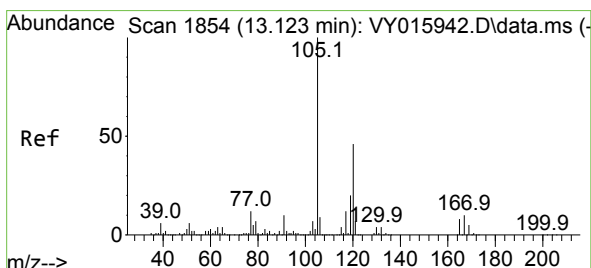
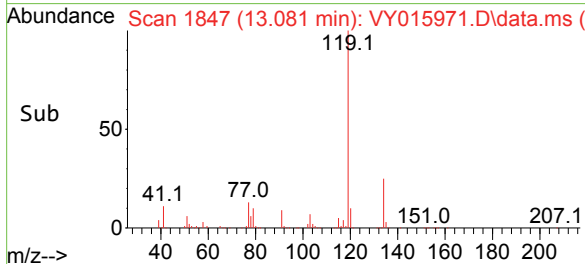
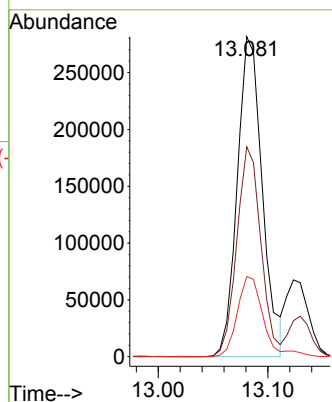
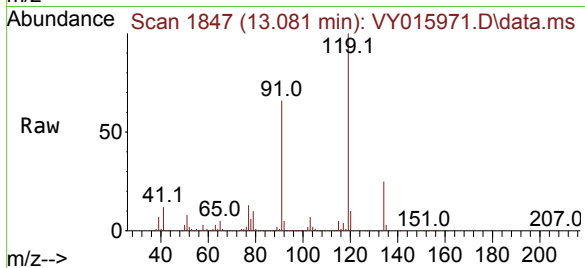
Tgt Ion:119 Resp: 446701

Ion Ratio Lower Upper

119 100

91 63.0 32.9 98.6

134 26.0 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 51.977 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. 0.006 min

Lab File: VY015971.D

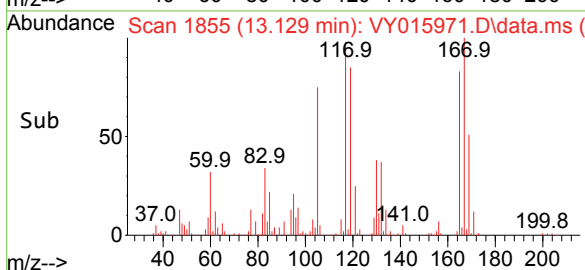
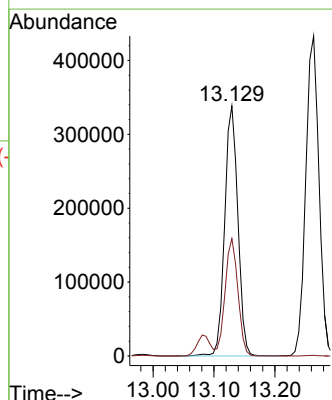
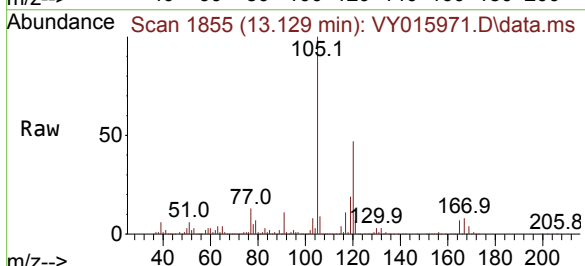
Acq: 13 Oct 2023 20:33

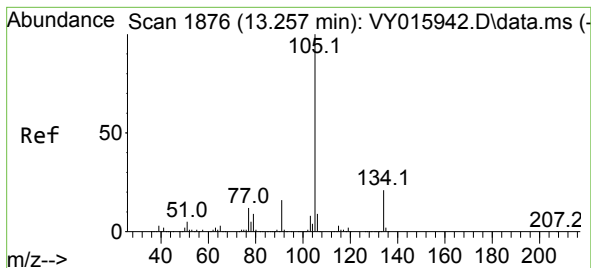
Tgt Ion:105 Resp: 508648

Ion Ratio Lower Upper

105 100

120 45.9 22.2 66.6





#85

sec-Butylbenzene

Concen: 51.218 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. 0.006 min

Lab File: VY015971.D

Acq: 13 Oct 2023 20:33

Instrument :

MSVOA_Y

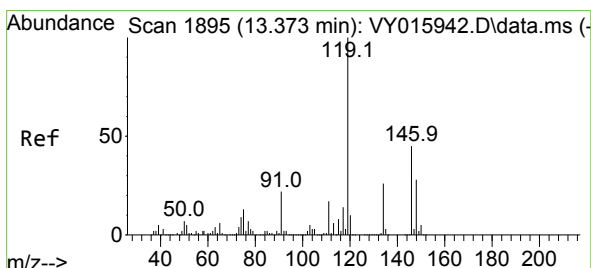
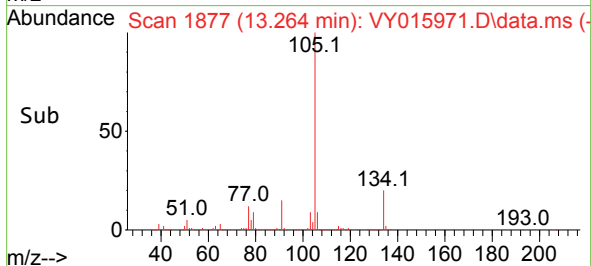
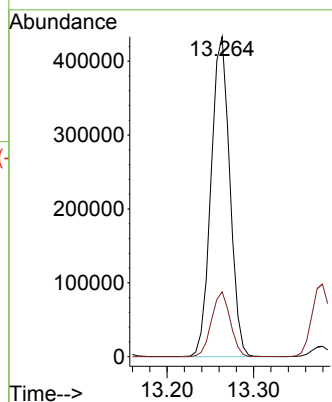
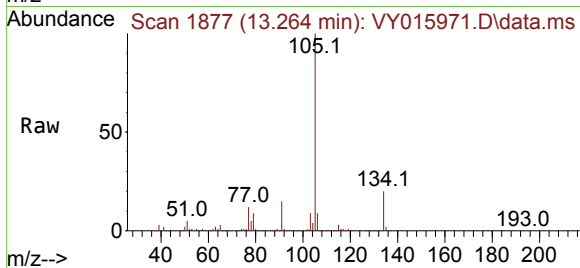
ClientSampleId :

Tgt Ion:105 Resp: 651165

Ion Ratio Lower Upper

105 100

134 20.3 10.2 30.6



#86

p-Isopropyltoluene

Concen: 51.389 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VY015971.D

Acq: 13 Oct 2023 20:33

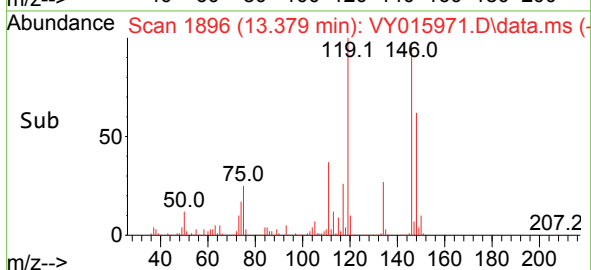
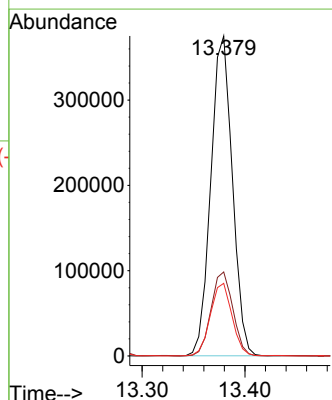
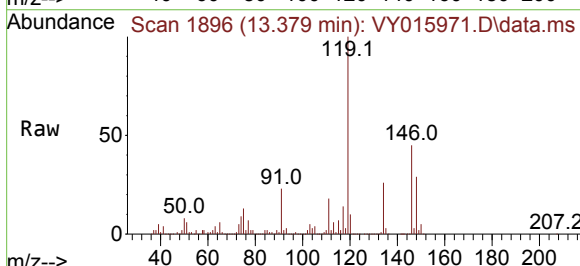
Tgt Ion:119 Resp: 545967

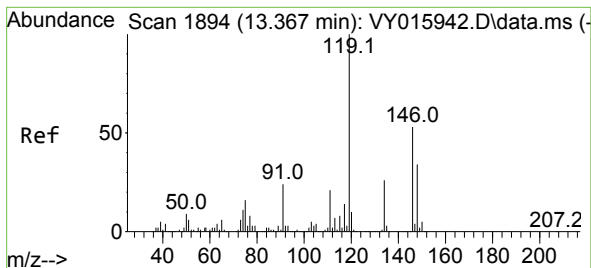
Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

91 22.7 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 50.919 ug/l

RT: 13.373 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015971.D

Acq: 13 Oct 2023 20:33

Instrument :

MSVOA_Y

ClientSampleId :

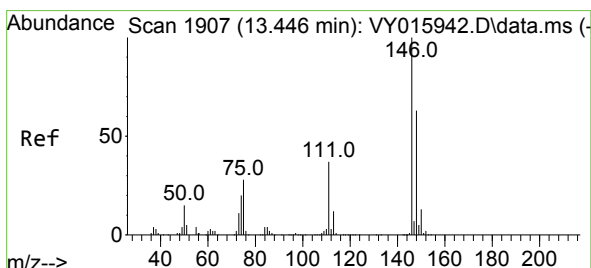
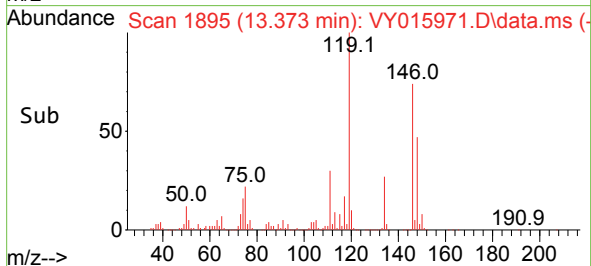
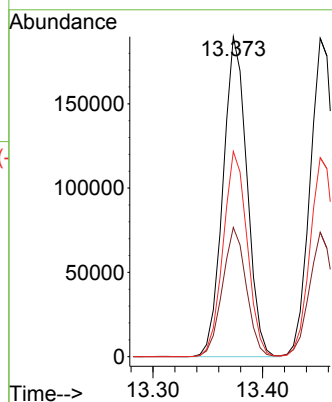
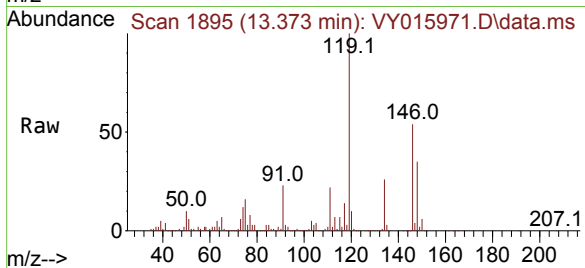
Tgt Ion:146 Resp: 288053

Ion Ratio Lower Upper

146 100

111 40.0 19.4 58.2

148 64.4 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 51.156 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY015971.D

Acq: 13 Oct 2023 20:33

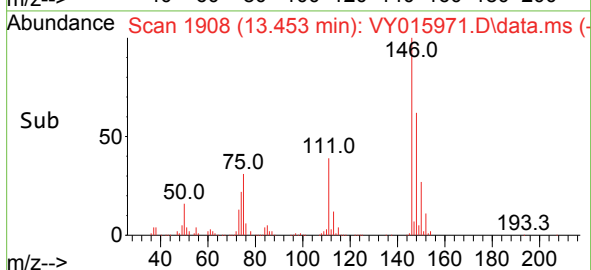
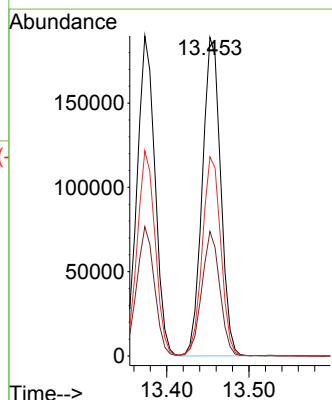
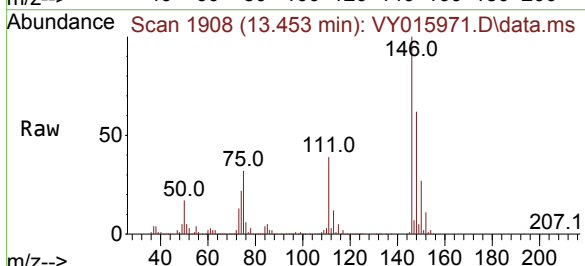
Tgt Ion:146 Resp: 292239

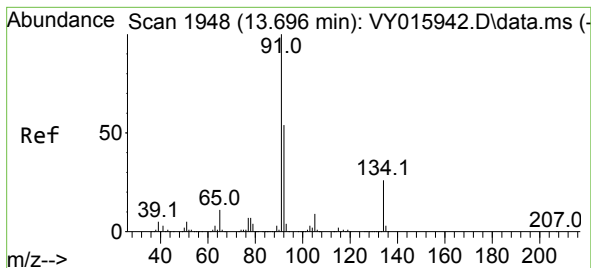
Ion Ratio Lower Upper

146 100

111 38.2 18.9 56.7

148 63.1 32.1 96.5





#89

n-Butylbenzene

Concen: 50.635 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY015971.D

Acq: 13 Oct 2023 20:33

Instrument :

MSVOA_Y

ClientSampleId :

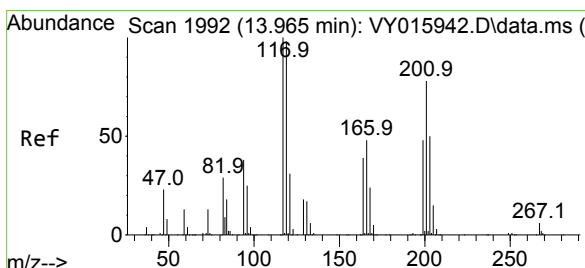
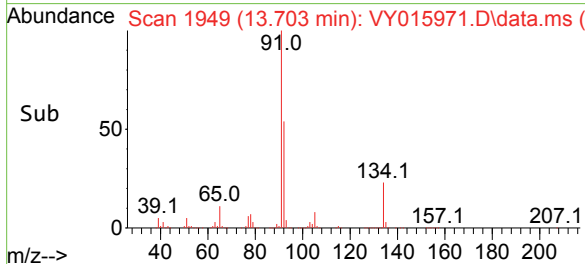
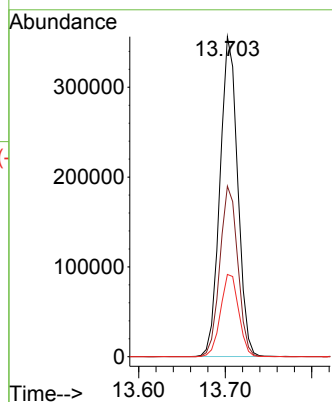
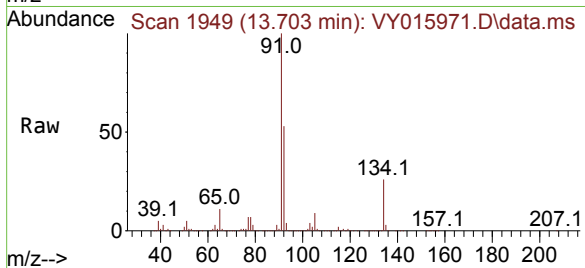
Tgt Ion: 91 Resp: 505869

Ion Ratio Lower Upper

91 100

92 53.9 25.4 76.0

134 26.4 12.6 37.6



#90

Hexachloroethane

Concen: 51.052 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.006 min

Lab File: VY015971.D

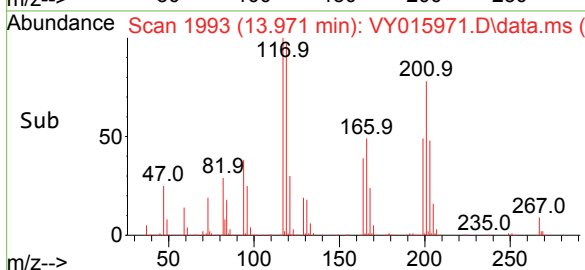
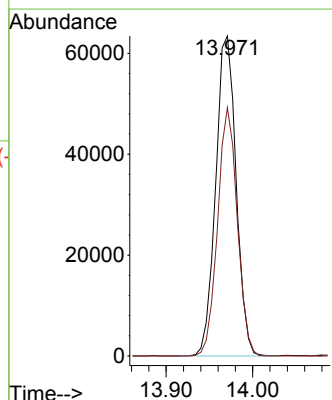
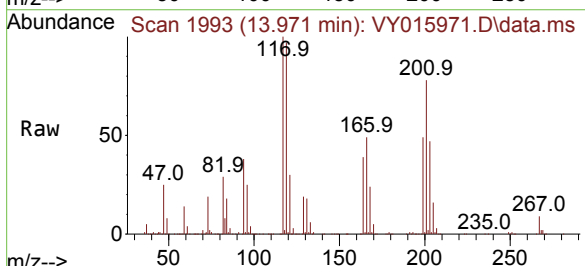
Acq: 13 Oct 2023 20:33

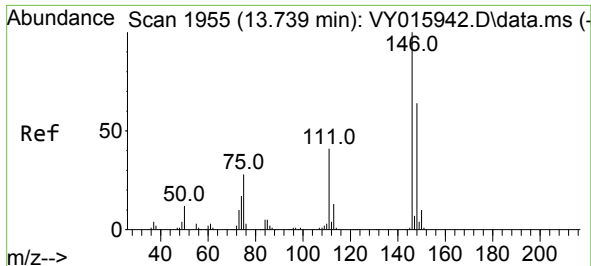
Tgt Ion: 117 Resp: 103955

Ion Ratio Lower Upper

117 100

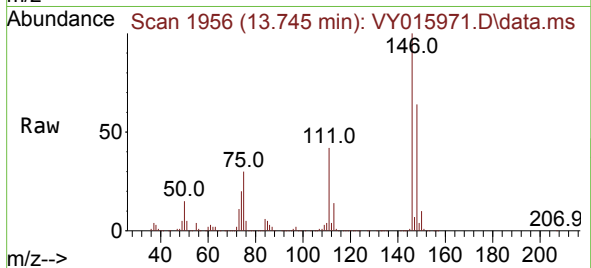
201 74.7 41.6 124.8



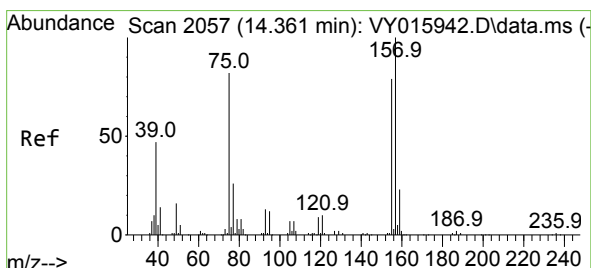
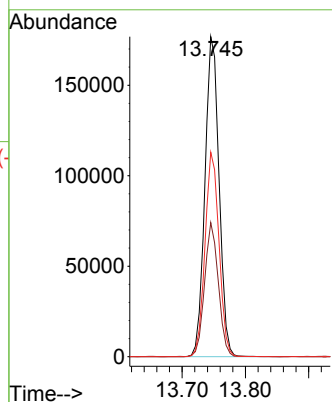
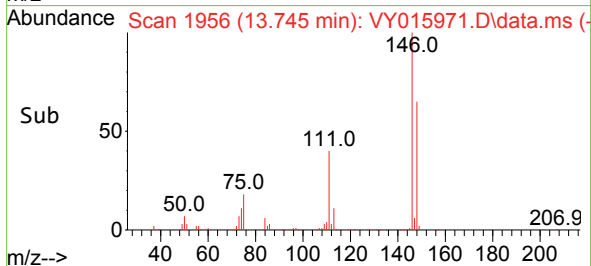


#91
 1,2-Dichlorobenzene
 Concen: 51.846 ug/l
 RT: 13.745 min Scan# 1955
 Delta R.T. 0.006 min
 Lab File: VY015971.D
 Acq: 13 Oct 2023 20:33

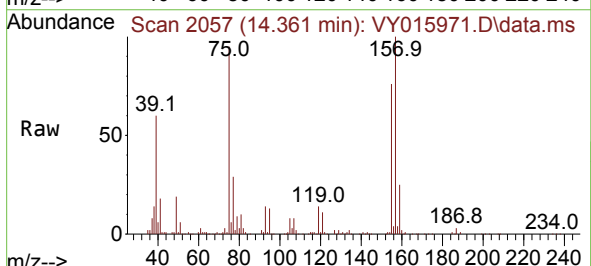
Instrument :
 MSVOA_Y
 ClientSampleId :



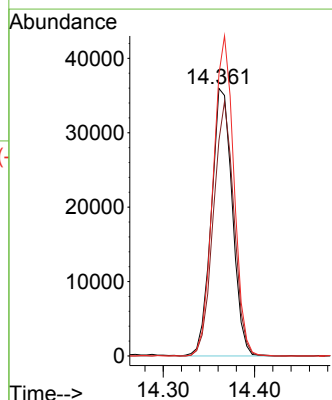
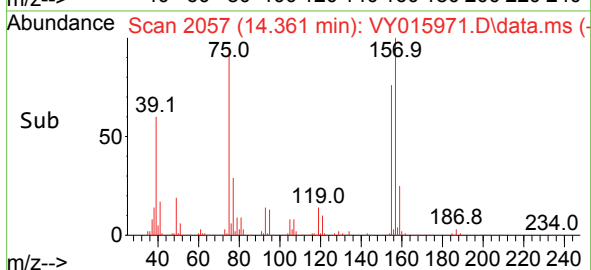
Tgt Ion:146 Resp: 275186
 Ion Ratio Lower Upper
 146 100
 111 40.9 19.7 59.0
 148 63.4 32.0 96.2

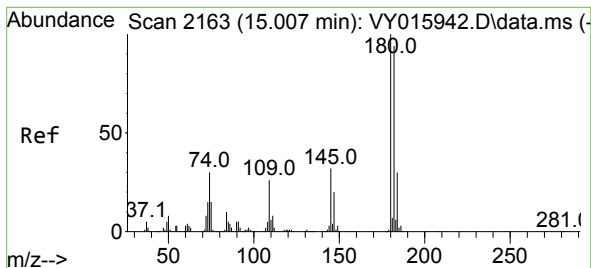


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.545 ug/l
 RT: 14.361 min Scan# 2057
 Delta R.T. 0.000 min
 Lab File: VY015971.D
 Acq: 13 Oct 2023 20:33



Tgt Ion: 75 Resp: 57271
 Ion Ratio Lower Upper
 75 100
 155 92.8 41.5 124.6
 157 118.1 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 49.245 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.006 min

Lab File: VY015971.D

Acq: 13 Oct 2023 20:33

Instrument :

MSVOA_Y

ClientSampleId :

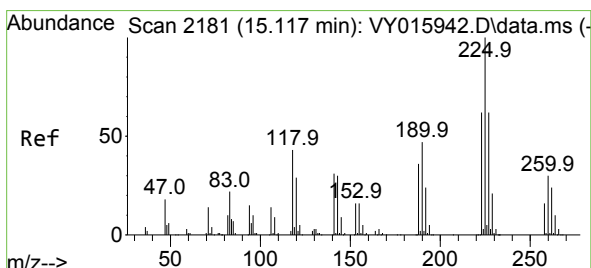
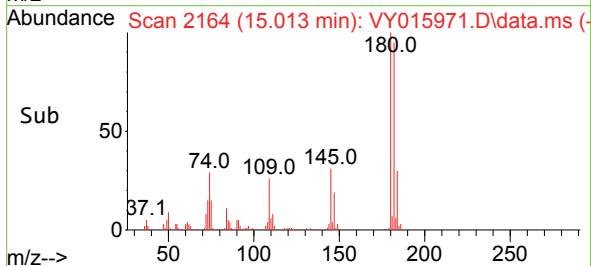
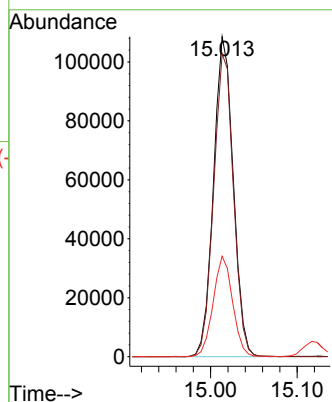
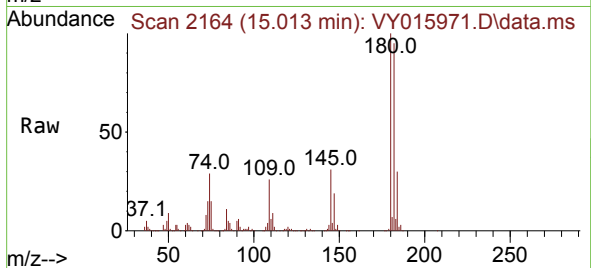
Tgt Ion:180 Resp: 171801

Ion Ratio Lower Upper

180 100

182 94.9 47.0 141.2

145 31.0 14.5 43.5



#94

Hexachlorobutadiene

Concen: 46.554 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY015971.D

Acq: 13 Oct 2023 20:33

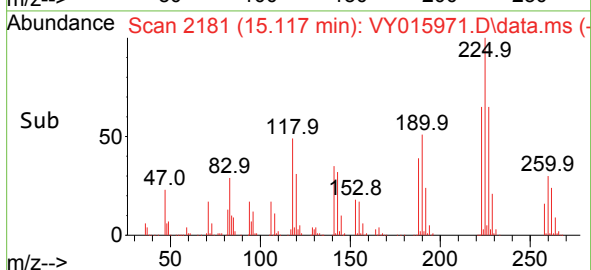
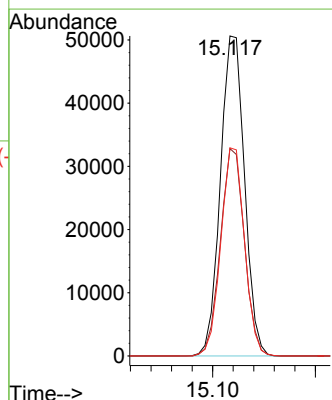
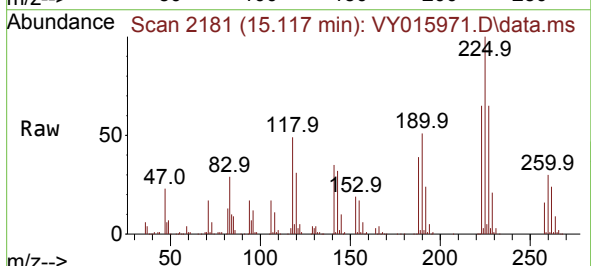
Tgt Ion:225 Resp: 82464

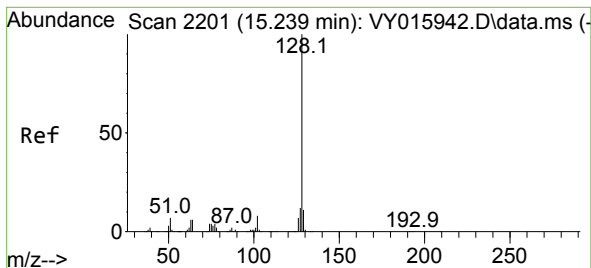
Ion Ratio Lower Upper

225 100

223 64.2 31.9 95.9

227 63.5 33.0 98.9





#95

Naphthalene

Concen: 56.275 ug/l

RT: 15.245 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY015971.D

Acq: 13 Oct 2023 20:33

Instrument :

MSVOA_Y

ClientSampleId :

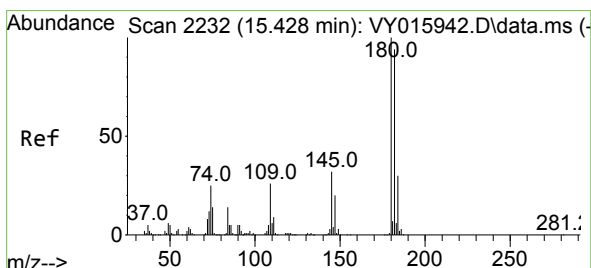
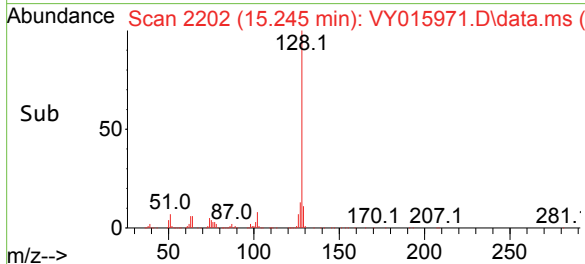
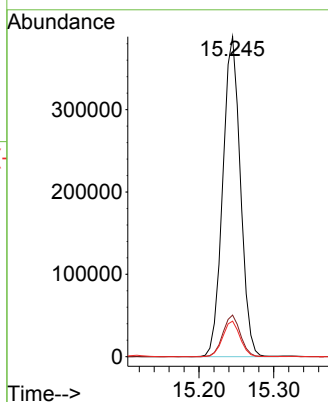
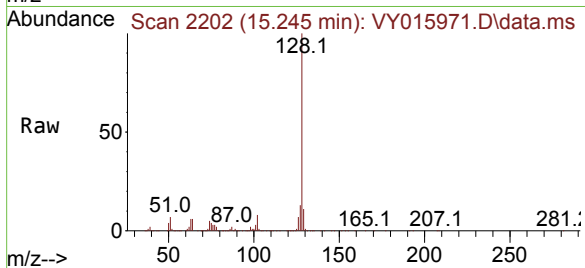
Tgt Ion:128 Resp: 636917

Ion Ratio Lower Upper

128 100

127 12.9 10.8 16.2

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 49.110 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY015971.D

Acq: 13 Oct 2023 20:33

Tgt Ion:180 Resp: 164256

Ion Ratio Lower Upper

180 100

182 96.6 47.3 141.8

145 32.4 15.4 46.2

