

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101123\
 Data File : VY015915.D
 Acq On : 11 Oct 2023 11:21
 Operator : SY/MD
 Sample : VY1011SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 12 01:54:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 10 07:06:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	188379	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	309533	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	277828	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	139273	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	79129	46.683	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.360%
35) Dibromofluoromethane	7.722	113	82100	47.553	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.100%
50) Toluene-d8	10.185	98	276299	48.558	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.120%
62) 4-Bromofluorobenzene	12.483	95	106121	45.917	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.840%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	14616	19.398	ug/l	96
3) Chloromethane	2.119	50	13342	17.311	ug/l	96
4) Vinyl Chloride	2.253	62	16541	16.828	ug/l	96
5) Bromomethane	2.644	94	14477	17.961	ug/l	98
6) Chloroethane	2.790	64	13648	17.682	ug/l	100
7) Trichlorofluoromethane	3.125	101	41091	19.701	ug/l	97
8) Diethyl Ether	3.534	74	16921	19.176	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.900	101	29151	20.594	ug/l	92
10) Methyl Iodide	4.095	142	19386	15.279	ug/l	95
11) Tert butyl alcohol	4.966	59	21855	57.290	ug/l #	82
12) 1,1-Dichloroethene	3.869	96	20100	18.461	ug/l	85
13) Acrolein	3.729	56	9123	88.060	ug/l	98
14) Allyl chloride	4.479	41	36394	18.129	ug/l	93
15) Acrylonitrile	5.168	53	55937	92.187	ug/l	97
16) Acetone	3.948	43	65957	84.948	ug/l #	85
17) Carbon Disulfide	4.198	76	20692	14.747	ug/l	96
18) Methyl Acetate	4.479	43	38477	16.744	ug/l	93
19) Methyl tert-butyl Ether	5.229	73	95888	19.434	ug/l	98
20) Methylene Chloride	4.716	84	50453	23.664	ug/l	90
21) trans-1,2-Dichloroethene	5.222	96	22494	17.804	ug/l	96
22) Diisopropyl ether	6.125	45	108125	20.137	ug/l	91
23) Vinyl Acetate	6.064	43	286223	96.940	ug/l #	93
24) 1,1-Dichloroethane	6.021	63	58787	19.876	ug/l	96
25) 2-Butanone	6.990	43	85985	92.474	ug/l	99
26) 2,2-Dichloropropane	6.984	77	52150	18.959	ug/l	96
27) cis-1,2-Dichloroethene	6.990	96	36039	19.327	ug/l	95
28) Bromochloromethane	7.338	49	33410	19.599	ug/l	93
29) Tetrahydrofuran	7.350	42	43486	85.490	ug/l	92
30) Chloroform	7.509	83	66797	20.247	ug/l	97
31) Cyclohexane	7.789	56	32172	17.722	ug/l #	78
32) 1,1,1-Trichloroethane	7.704	97	53311	19.787	ug/l	98
36) 1,1-Dichloropropene	7.923	75	35894	18.772	ug/l	98
37) Ethyl Acetate	7.082	43	30244	18.417	ug/l #	95
38) Carbon Tetrachloride	7.905	117	44265	19.276	ug/l	99
39) Methylcyclohexane	9.185	83	35438	18.246	ug/l	93
40) Benzene	8.167	78	116718	19.423	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	16672	16.322	ug/l	95
42) 1,2-Dichloroethane	8.240	62	40182	19.616	ug/l	94
43) Isopropyl Acetate	8.277	43	56989	18.747	ug/l	95
44) Trichloroethene	8.941	130	34381	19.772	ug/l	98
45) 1,2-Dichloropropane	9.222	63	36837	20.380	ug/l	100
46) Dibromomethane	9.307	93	21015	19.538	ug/l	96
47) Bromodichloromethane	9.496	83	52934	19.788	ug/l	96
48) Methyl methacrylate	9.295	41	24644	18.357	ug/l	87
49) 1,4-Dioxane	9.301	88	6475	346.300	ug/l #	56
51) 4-Methyl-2-Pentanone	10.075	43	168722	92.771	ug/l	92
52) Toluene	10.246	92	78734	19.739	ug/l	94
53) t-1,3-Dichloropropene	10.472	75	52540	19.428	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	57933	19.721	ug/l #	88
55) 1,1,2-Trichloroethane	10.648	97	34991	20.431	ug/l	92
56) Ethyl methacrylate	10.514	69	43270	18.609	ug/l #	86
57) 1,3-Dichloropropane	10.795	76	55226	20.000	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	135821	95.837	ug/l	94
59) 2-Hexanone	10.837	43	129880	94.394	ug/l	89
60) Dibromochloromethane	10.990	129	41155	20.044	ug/l	98
61) 1,2-Dibromoethane	11.093	107	30379	19.421	ug/l	98
64) Tetrachloroethene	10.721	164	35248	19.441	ug/l	96
65) Chlorobenzene	11.520	112	97066	20.030	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	40431	20.412	ug/l	98
67) Ethyl Benzene	11.593	91	165291	19.881	ug/l	98
68) m/p-Xylenes	11.703	106	124665	39.794	ug/l	96
69) o-Xylene	12.032	106	63230	20.173	ug/l	98
70) Styrene	12.044	104	111339	20.359	ug/l	95
71) Bromoform	12.209	173	27102	19.649	ug/l #	99
73) Isopropylbenzene	12.331	105	175465	19.972	ug/l	100
74) N-amyl acetate	12.148	43	52101	18.818	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	43893	19.268	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	54041	33.239	ug/l #	100
77) Bromobenzene	12.611	156	43068	19.992	ug/l	99
78) n-propylbenzene	12.672	91	211327	20.002	ug/l	100
79) 2-Chlorotoluene	12.758	91	121400	20.172	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	144263	19.923	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.380	75	13178	17.974	ug/l	92
82) 4-Chlorotoluene	12.855	91	126052	20.099	ug/l	99
83) tert-Butylbenzene	13.075	119	136684	20.226	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	146149	20.043	ug/l	98
85) sec-Butylbenzene	13.258	105	202326	20.416	ug/l	99
86) p-Isopropyltoluene	13.373	119	165582	20.197	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	85219	19.649	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	87295	19.987	ug/l	99
89) n-Butylbenzene	13.697	91	156292	20.145	ug/l	96
90) Hexachloroethane	13.965	117	33095	20.115	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	81294	20.165	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7038	17.592	ug/l	88
93) 1,2,4-Trichlorobenzene	15.007	180	50762	19.647	ug/l	99
94) Hexachlorobutadiene	15.111	225	26754	19.337	ug/l	99
95) Naphthalene	15.239	128	107629	18.007	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	44977	19.570	ug/l	98

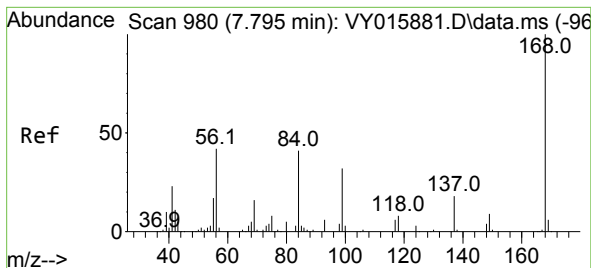
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.795 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY015915.D

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Instrument :

MSVOA_Y

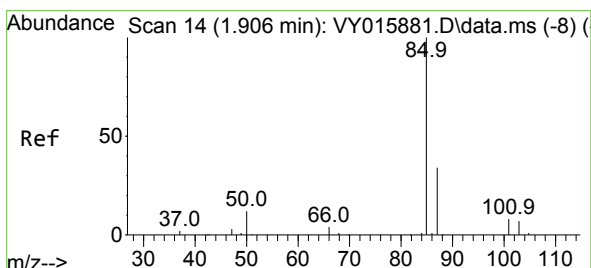
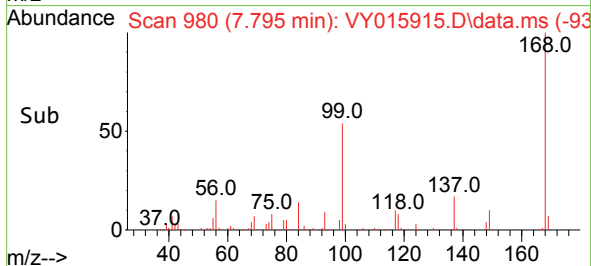
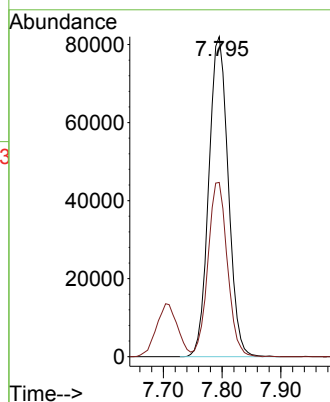
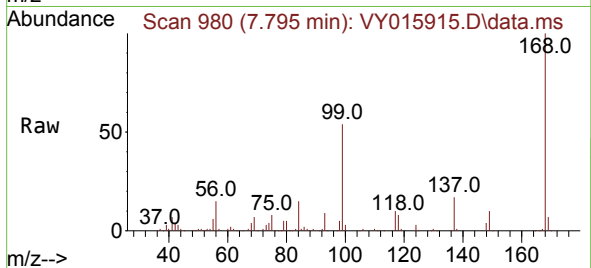
ClientSampleId :

Tgt Ion:168 Resp: 188379

Ion Ratio Lower Upper

168 100

99 54.5 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 19.398 ug/l

RT: 1.906 min Scan# 14

Delta R.T. 0.000 min

Lab File: VY015915.D

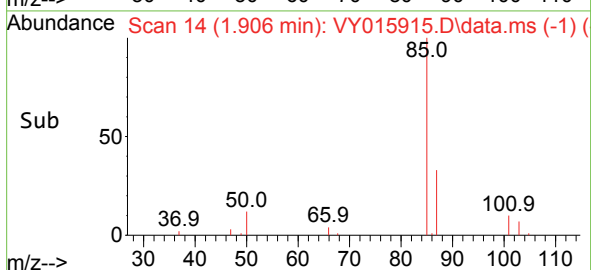
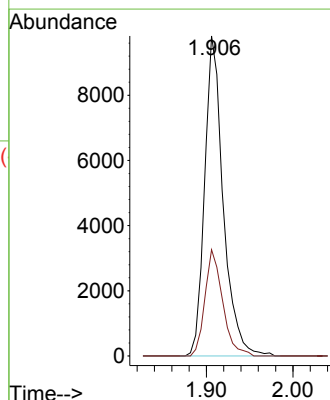
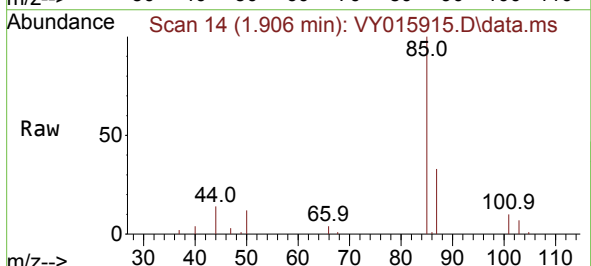
Acq: 11 Oct 2023 11:21

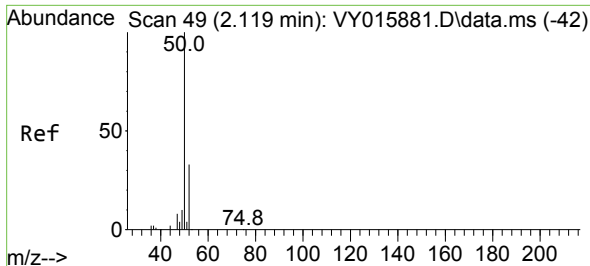
Tgt Ion: 85 Resp: 14616

Ion Ratio Lower Upper

85 100

87 33.2 15.6 46.8

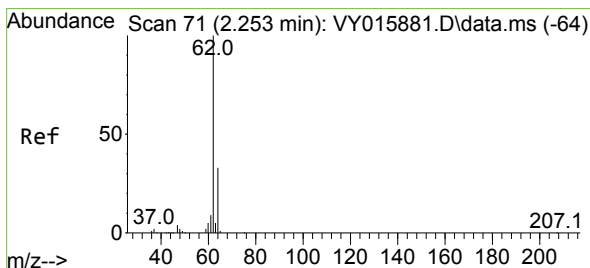
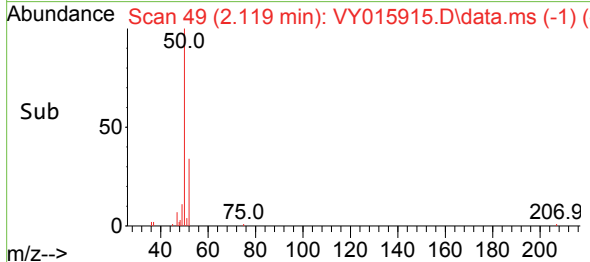
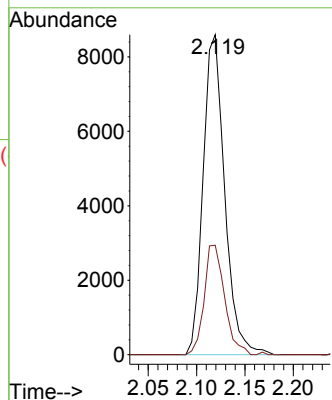
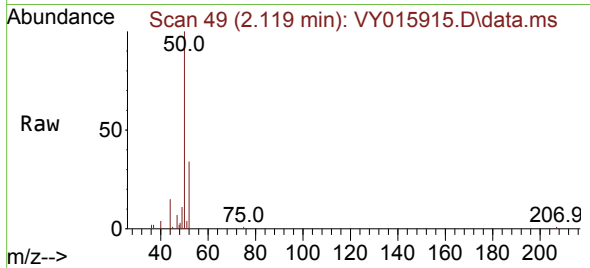




#3
Chloromethane
Concen: 17.311 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

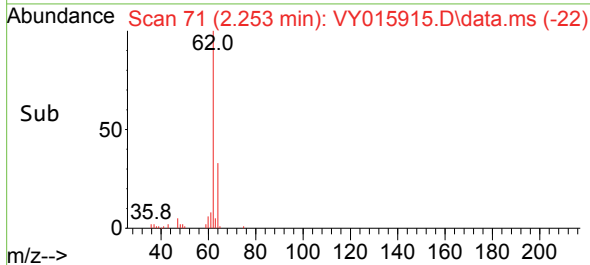
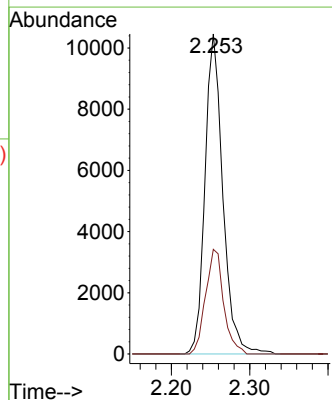
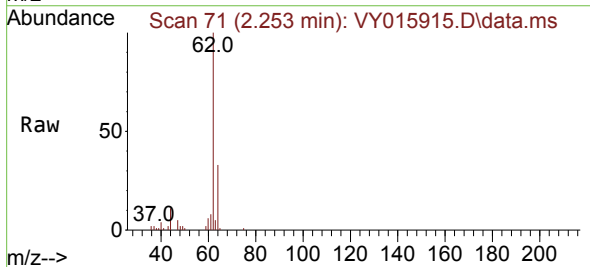
Instrument :
MSVOA_Y
ClientSampleId :

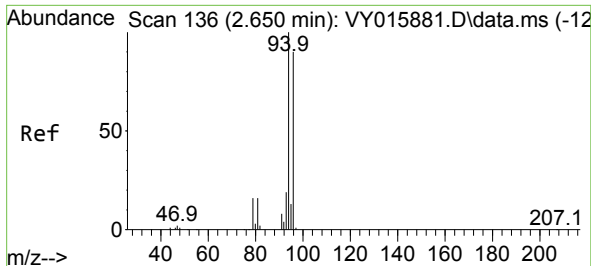
Tgt Ion: 50 Resp: 13342
Ion Ratio Lower Upper
50 100
52 34.2 25.4 38.2



#4
Vinyl Chloride
Concen: 16.828 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

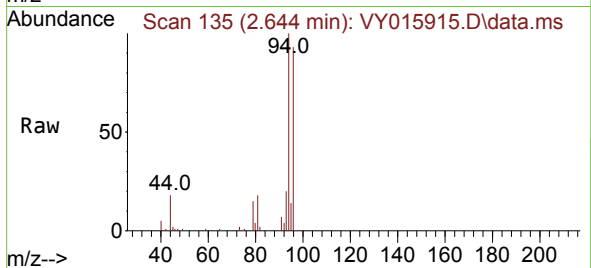
Tgt Ion: 62 Resp: 16541
Ion Ratio Lower Upper
62 100
64 32.7 24.3 36.5



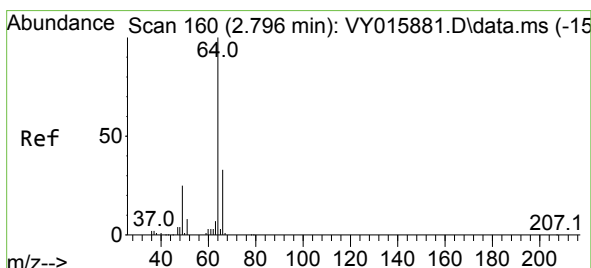
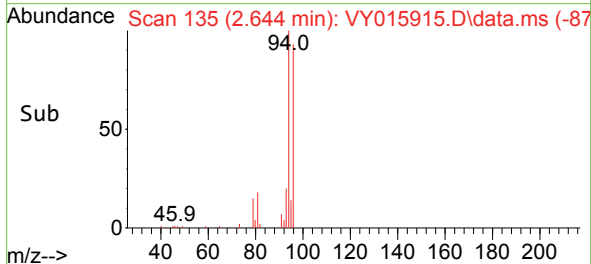
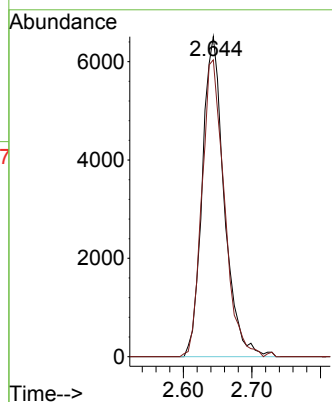


#5
Bromomethane
Concen: 17.961 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

Instrument :
MSVOA_Y
ClientSampleId :

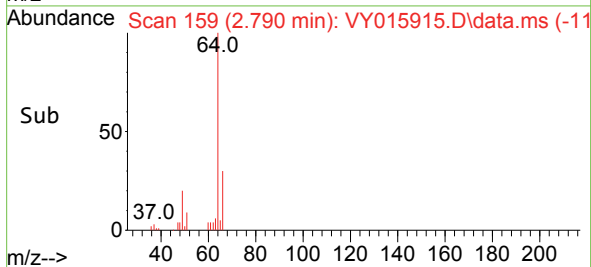
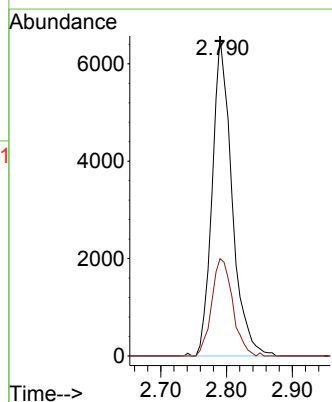
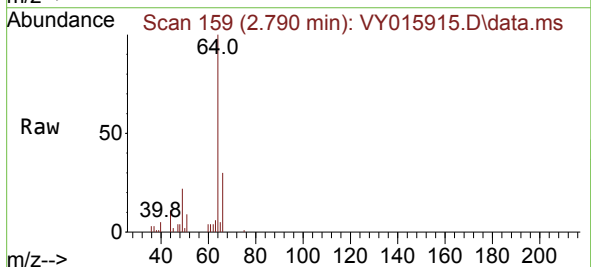


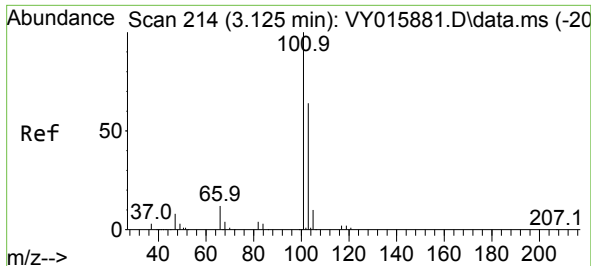
Tgt Ion: 94 Resp: 14477
Ion Ratio Lower Upper
94 100
96 92.7 75.8 113.6



#6
Chloroethane
Concen: 17.682 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

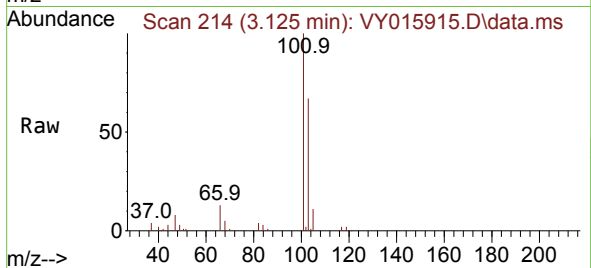
Tgt Ion: 64 Resp: 13648
Ion Ratio Lower Upper
64 100
66 30.4 24.4 36.6



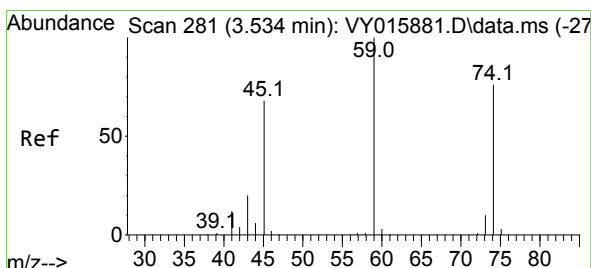
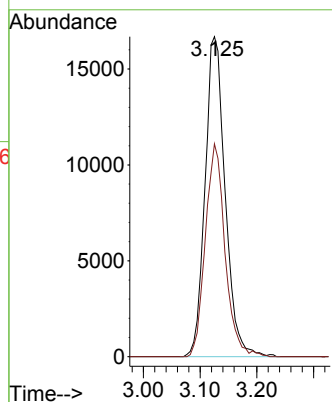
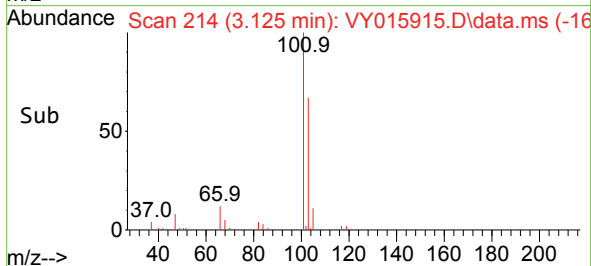


#7
 Trichlorofluoromethane
 Concen: 19.701 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY015915.D
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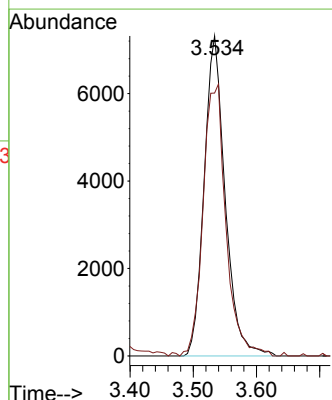
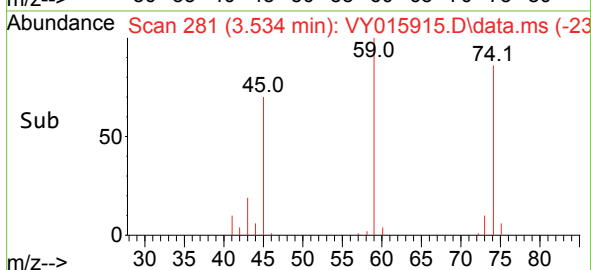
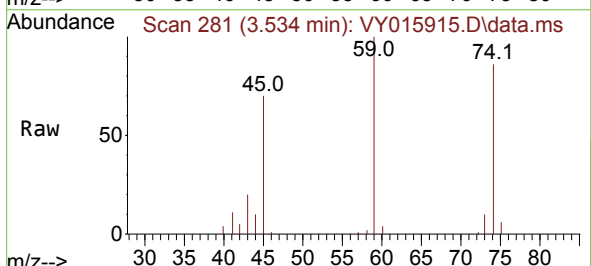


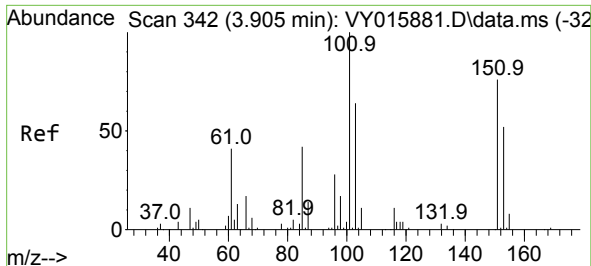
Tgt Ion:101 Resp: 41091
 Ion Ratio Lower Upper
 101 100
 103 66.5 51.4 77.0



#8
 Diethyl Ether
 Concen: 19.176 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.000 min
 Lab File: VY015915.D
 Acq: 11 Oct 2023 11:21

Tgt Ion: 74 Resp: 16921
 Ion Ratio Lower Upper
 74 100
 45 92.6 51.5 154.5

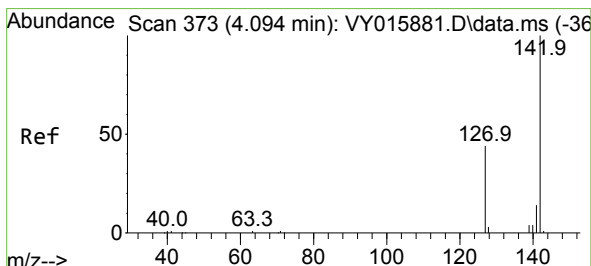
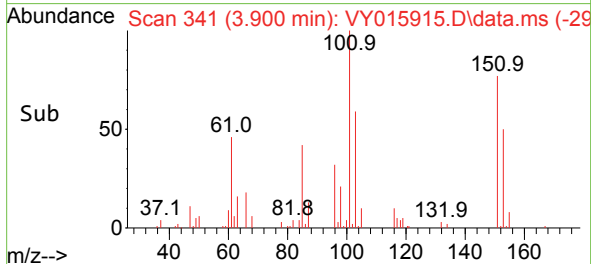
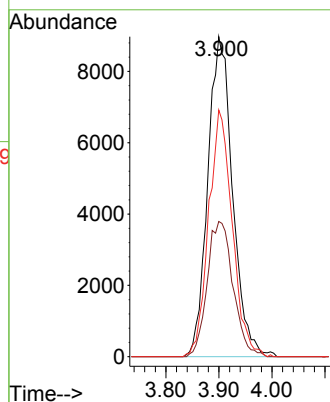
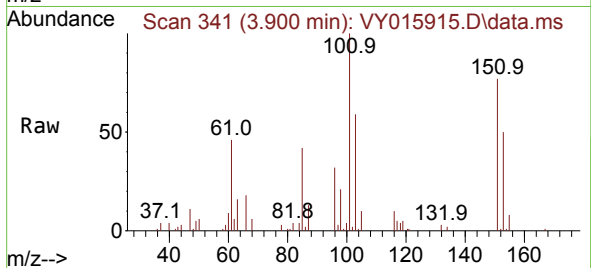




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.594 ug/l
RT: 3.900 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY015915.D
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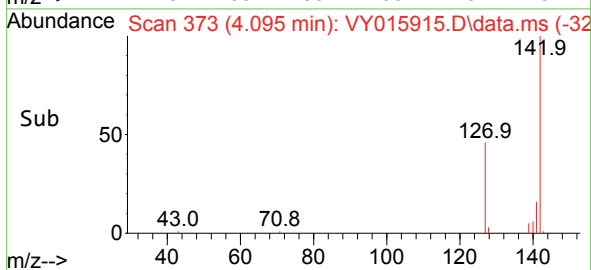
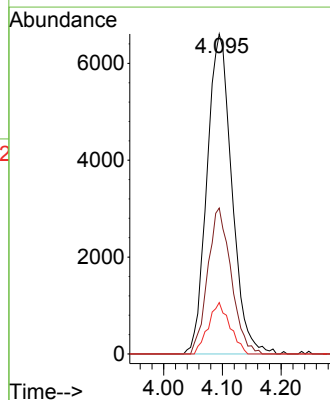
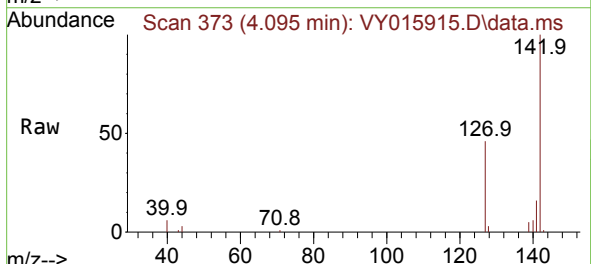
Instrument :
MSVOA_Y
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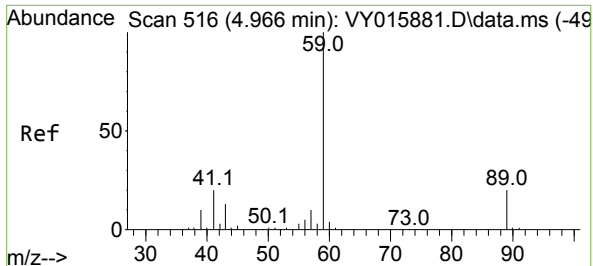
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Ion Ratio Lower Upper
101 100
85 44.0 36.6 55.0
151 73.4 67.0 100.6



#10
Methyl Iodide
Concen: 15.279 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.001 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

Tgt Ion:142 Resp: 19386
Ion Ratio Lower Upper
142 100
127 43.1 37.6 56.4
141 14.0 11.8 17.8

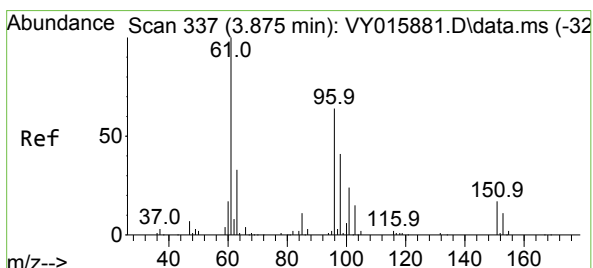
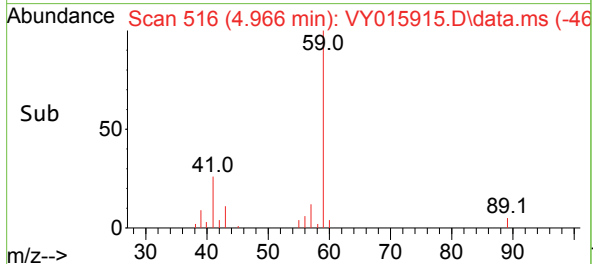
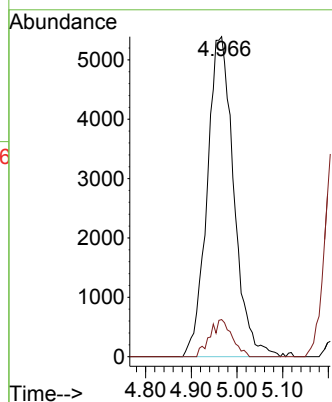
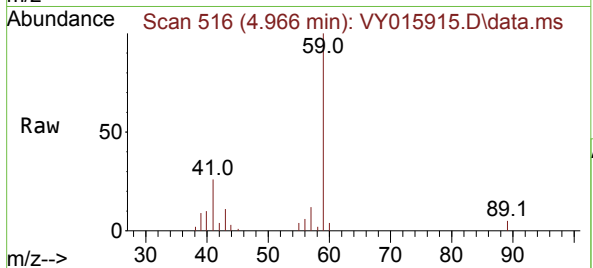




#11
Tert butyl alcohol
Concen: 57.290 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

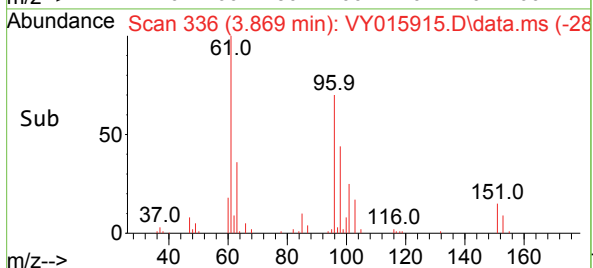
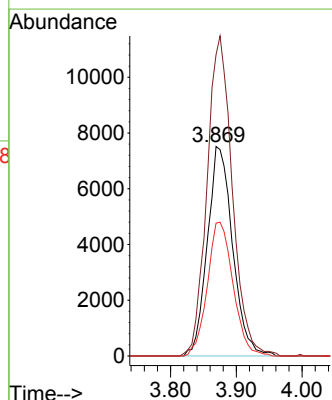
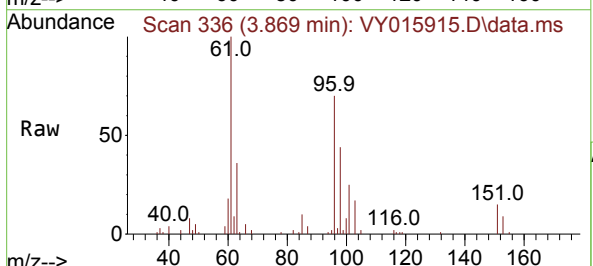
Instrument :
MSVOA_Y
ClientSampleId :

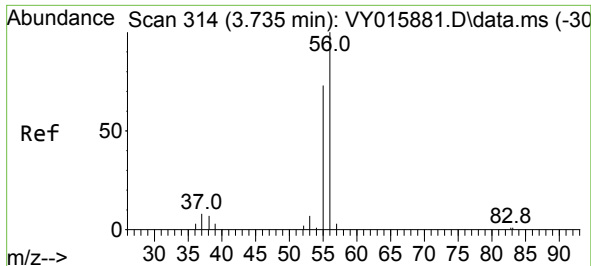
Tgt Ion: 59 Resp: 21855
Ion Ratio Lower Upper
59 100
57 9.5 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 18.461 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

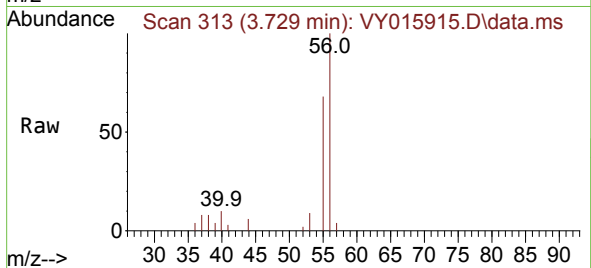
Tgt Ion: 96 Resp: 20100
Ion Ratio Lower Upper
96 100
61 143.9 136.4 204.6
98 63.4 49.4 74.2



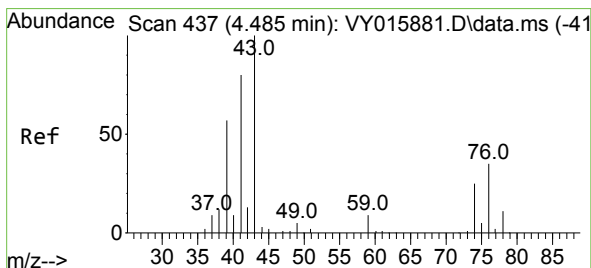
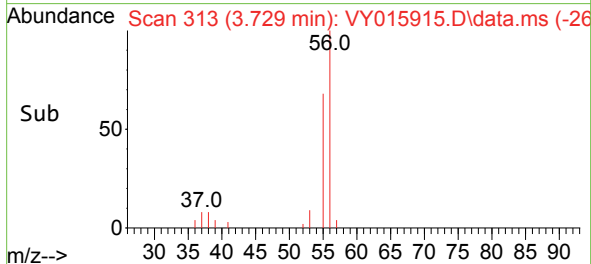
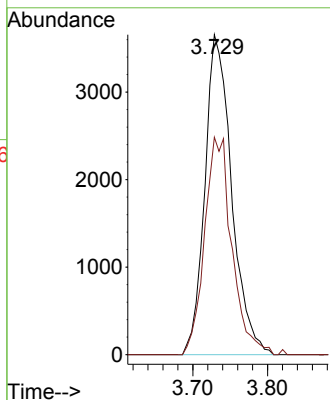


#13
Acrolein
Concen: 88.060 ug/l
RT: 3.729 min Scan# 314
Delta R.T. -0.006 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

Instrument :
MSVOA_Y
ClientSampleId :

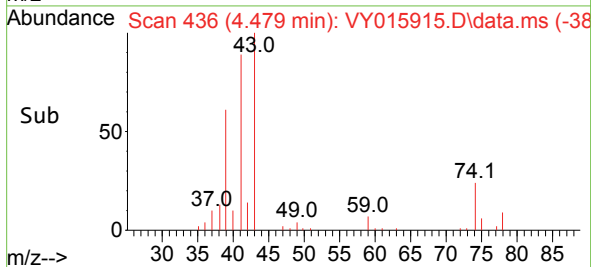
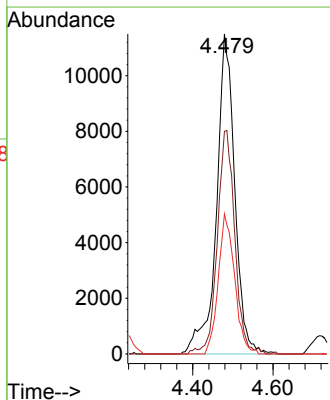
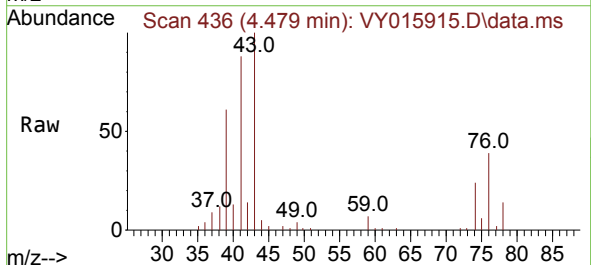


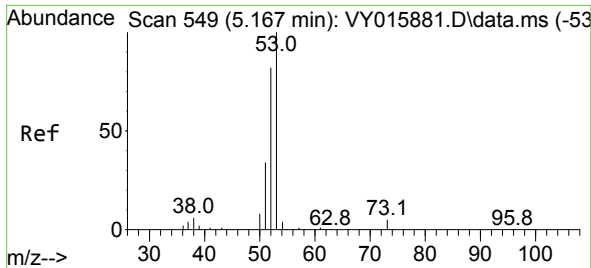
Tgt Ion: 56 Resp: 9123
Ion Ratio Lower Upper
56 100
55 69.3 57.0 85.4



#14
Allyl chloride
Concen: 18.129 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

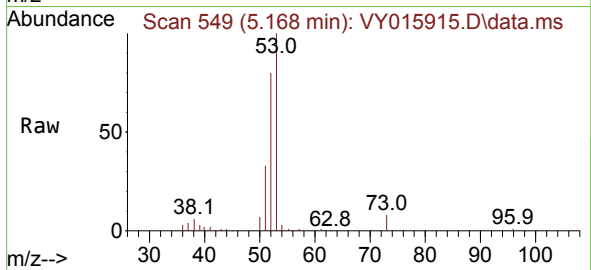
Tgt Ion: 41 Resp: 36394
Ion Ratio Lower Upper
41 100
39 66.7 58.0 87.0
76 39.2 27.4 41.2



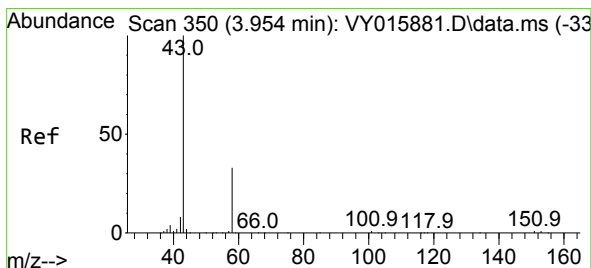
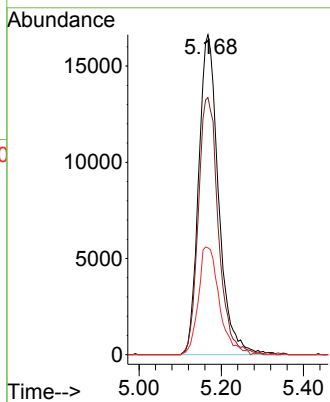
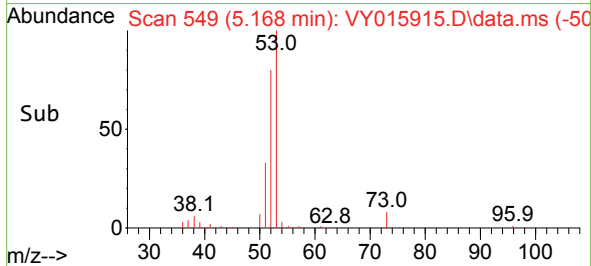


#15
Acrylonitrile
Concen: 92.187 ug/l
RT: 5.168 min Scan# 549
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

Instrument :
MSVOA_Y
ClientSampleId :

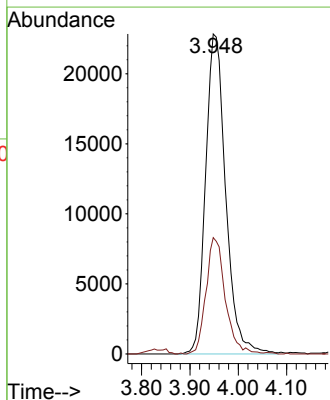
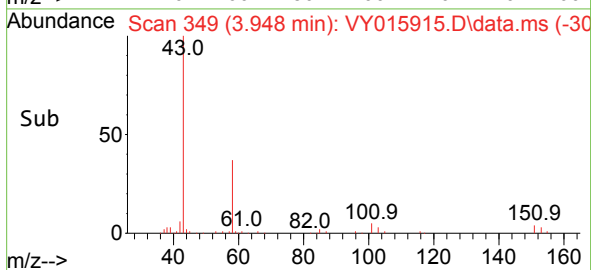
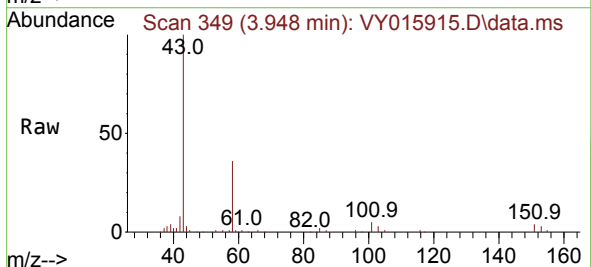


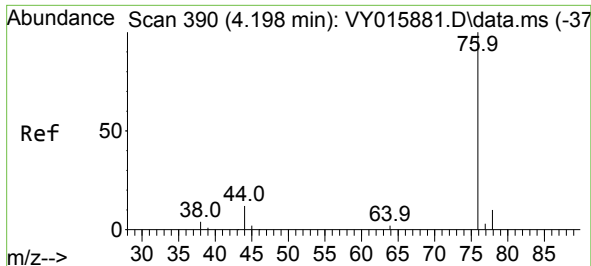
Tgt Ion:	53	Resp:	55937
Ion	Ratio	Lower	Upper
53	100		
52	81.0	66.9	100.3
51	35.5	29.8	44.6



#16
Acetone
Concen: 84.948 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

Tgt Ion:	43	Resp:	65957
Ion	Ratio	Lower	Upper
43	100		
58	36.3	22.7	34.1#

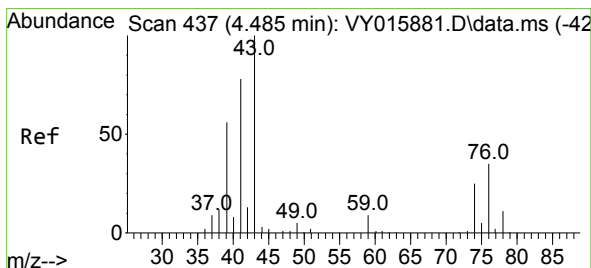
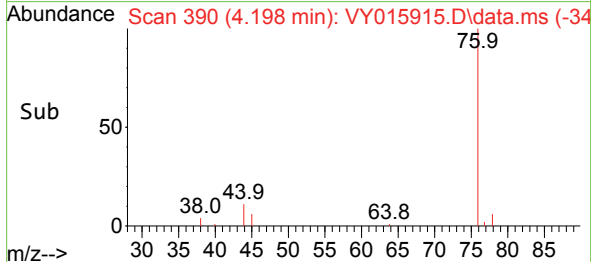
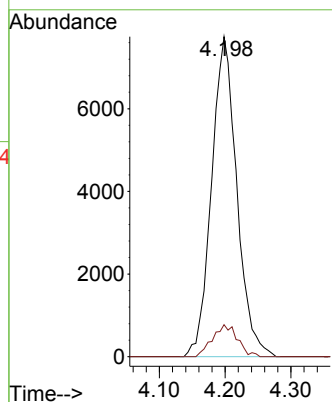
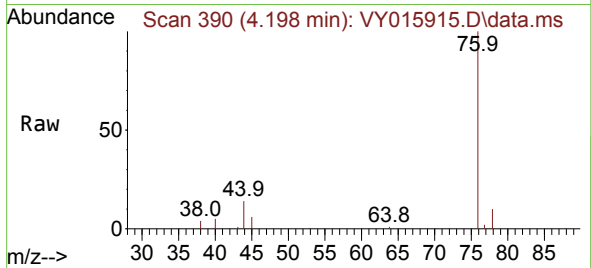




#17
Carbon Disulfide
Concen: 14.747 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

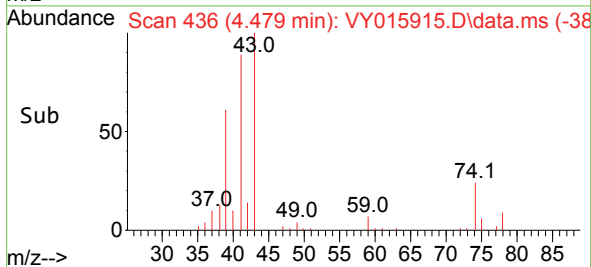
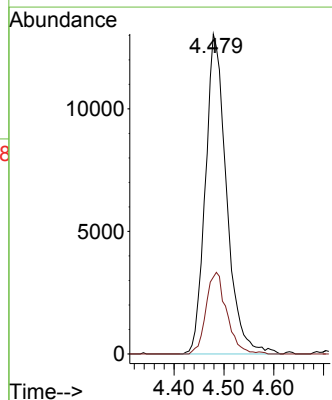
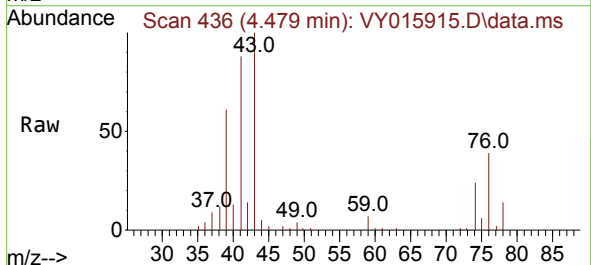
Instrument :
MSVOA_Y
ClientSampleId :

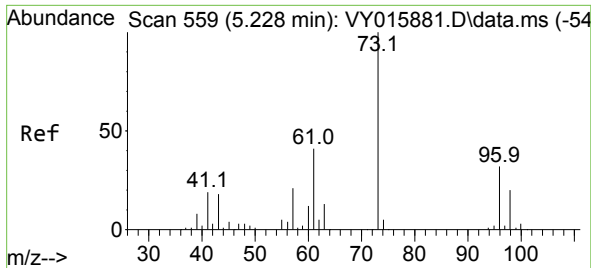
Tgt Ion: 76 Resp: 20692
Ion Ratio Lower Upper
76 100
78 10.0 7.0 10.4



#18
Methyl Acetate
Concen: 16.744 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

Tgt Ion: 43 Resp: 38477
Ion Ratio Lower Upper
43 100
74 24.8 17.4 26.0

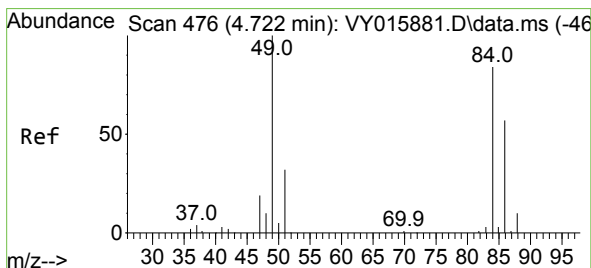
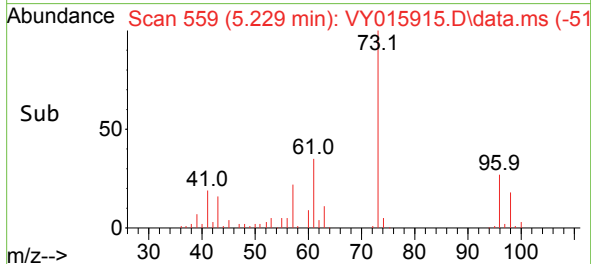
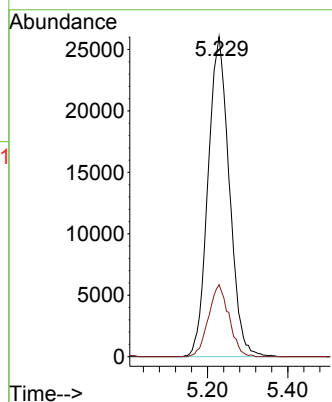
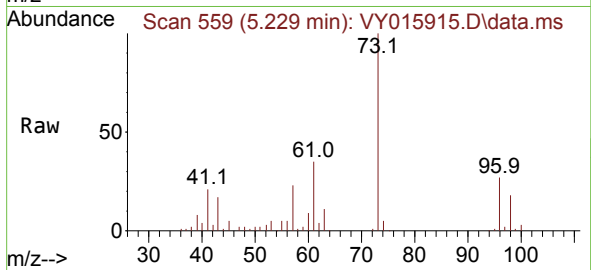




#19
Methyl tert-butyl Ether
Concen: 19.434 ug/l
RT: 5.229 min Scan# 51
Delta R.T. 0.001 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

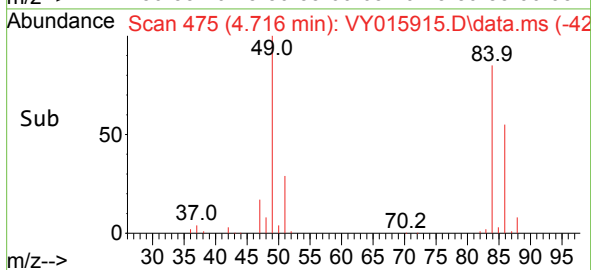
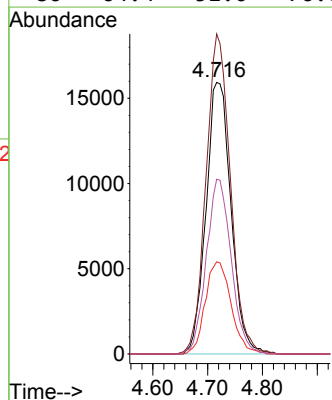
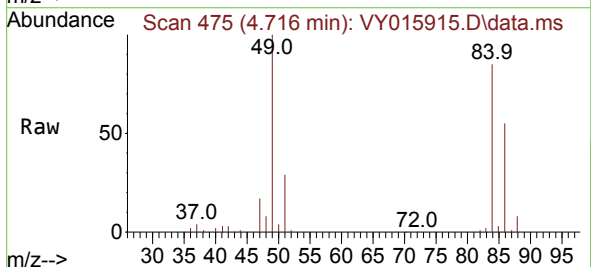
Instrument :
MSVOA_Y
ClientSampleId :

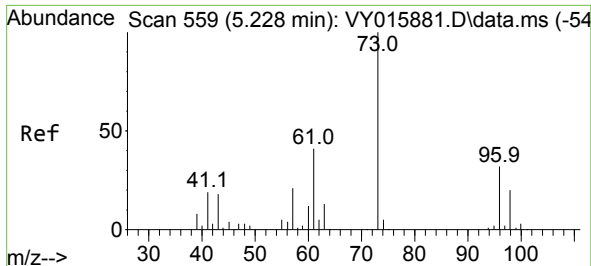
Tgt Ion: 73 Resp: 95888
Ion Ratio Lower Upper
73 100
57 22.5 17.3 25.9



#20
Methylene Chloride
Concen: 23.664 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

Tgt Ion: 84 Resp: 50453
Ion Ratio Lower Upper
84 100
49 117.8 106.9 160.3
51 34.0 33.2 49.8
86 64.4 51.0 76.6

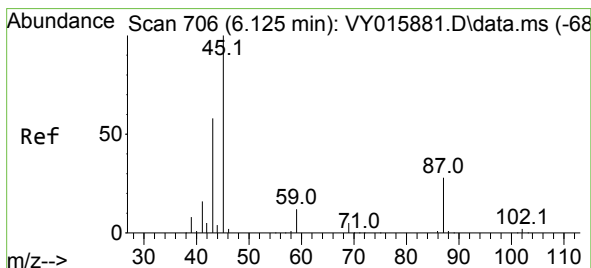
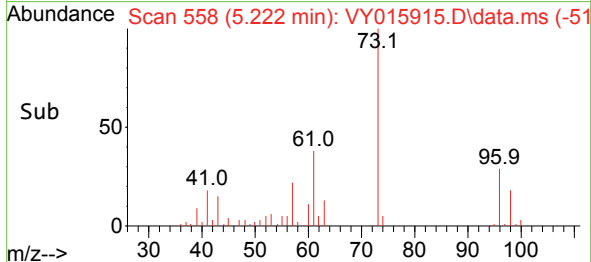
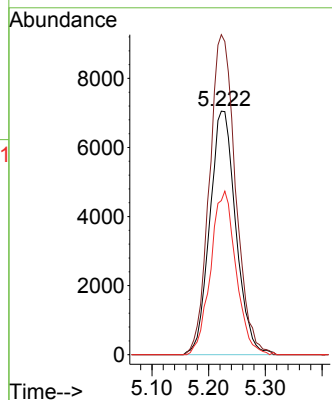
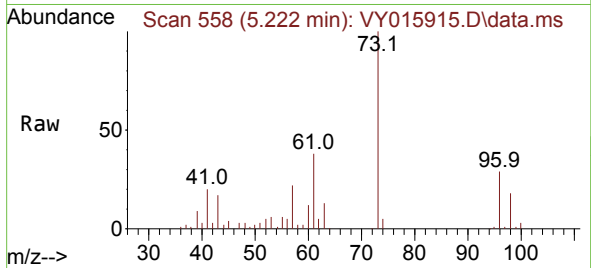




#21
trans-1,2-Dichloroethene
Concen: 17.804 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

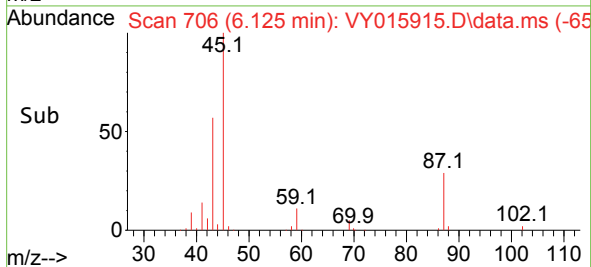
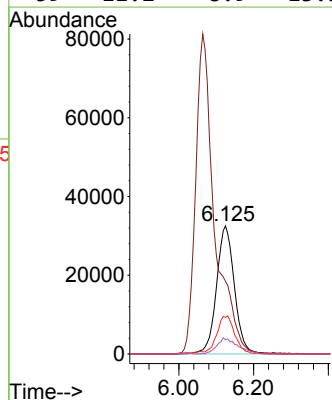
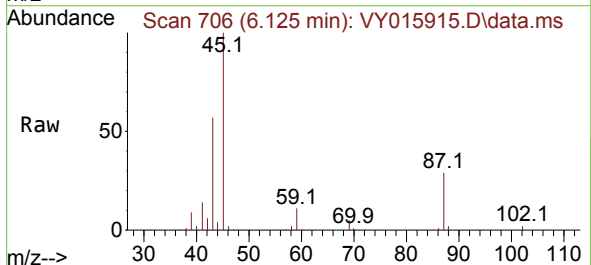
Instrument :
MSVOA_Y
ClientSampleId :

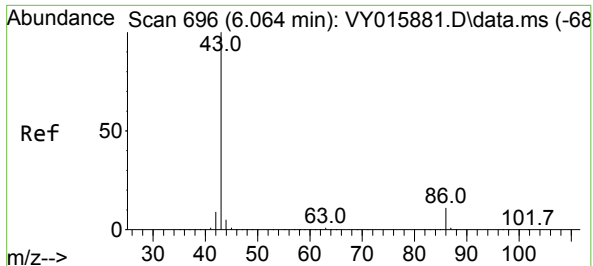
Tgt Ion: 96 Resp: 22494
Ion Ratio Lower Upper
96 100
61 131.4 110.2 165.4
98 63.2 51.8 77.6



#22
Diisopropyl ether
Concen: 20.137 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

Tgt Ion: 45 Resp: 108125
Ion Ratio Lower Upper
45 100
43 56.1 52.2 78.4
87 28.5 21.0 31.6
59 11.2 8.9 13.3

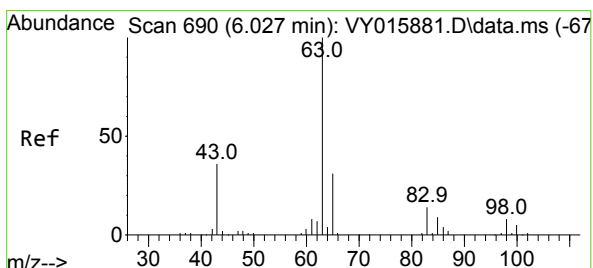
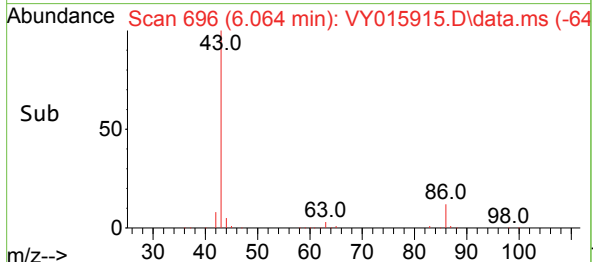
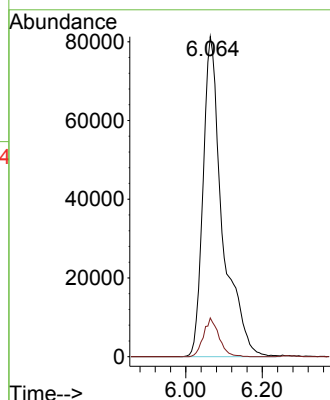
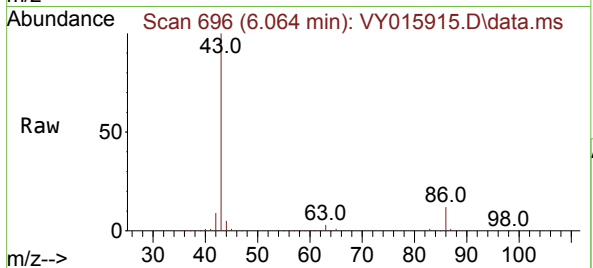




#23
 Vinyl Acetate
 Concen: 96.940 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY015915.D
 Acq: 11 Oct 2023 11:21

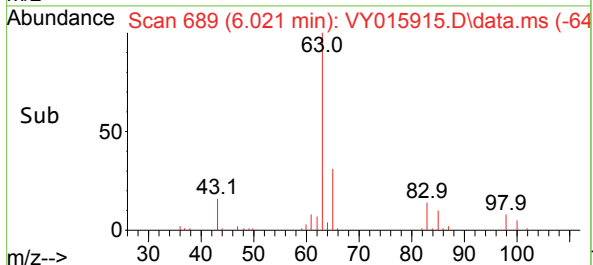
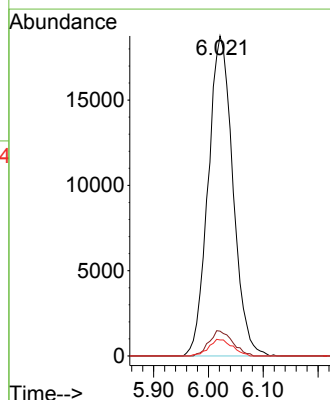
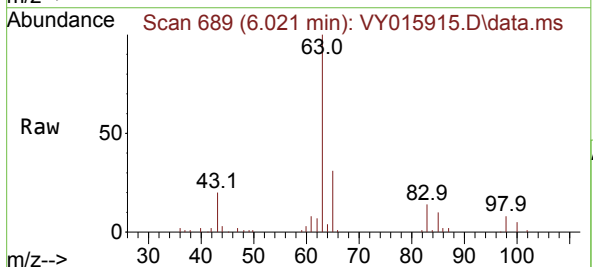
Instrument :
 MSVOA_Y
 ClientSampleId :

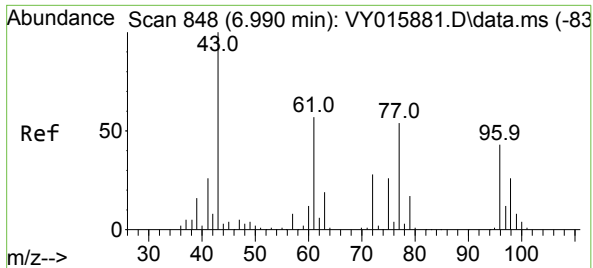
Tgt Ion: 43 Resp: 286223
 Ion Ratio Lower Upper
 43 100
 86 12.0 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 19.876 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.006 min
 Lab File: VY015915.D
 Acq: 11 Oct 2023 11:21

Tgt Ion: 63 Resp: 58787
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.1 9.4
 100 5.0 1.8 5.5

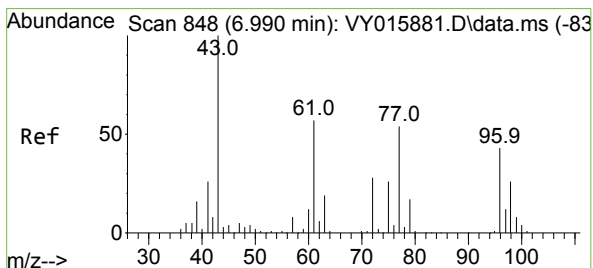
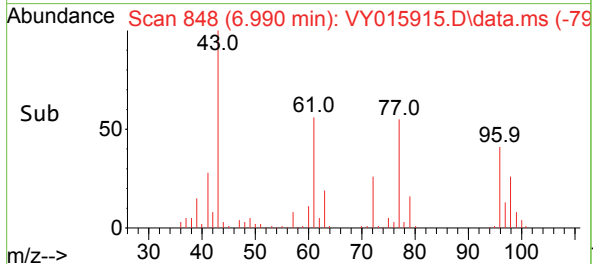
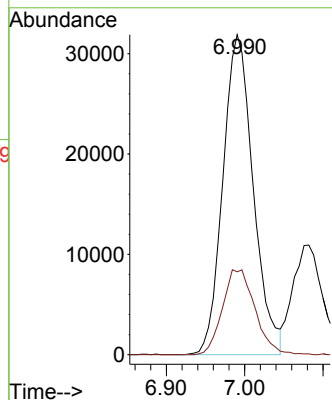
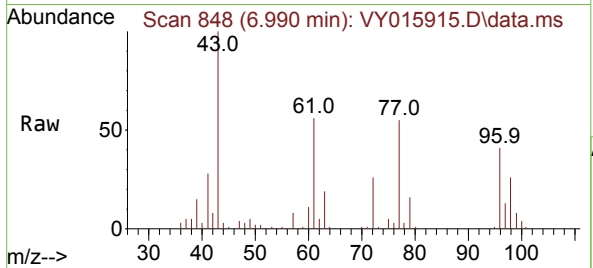




#25
2-Butanone
Concen: 92.474 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

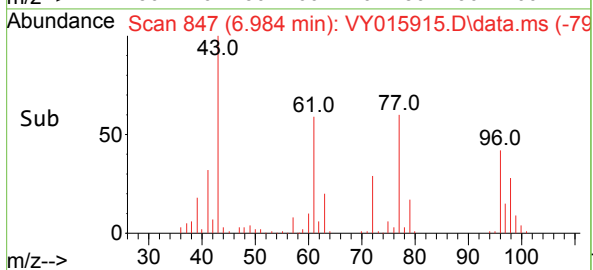
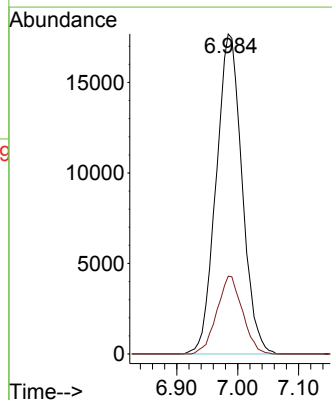
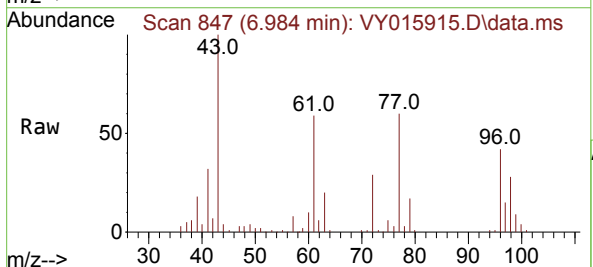
Instrument :
MSVOA_Y
ClientSampleId :

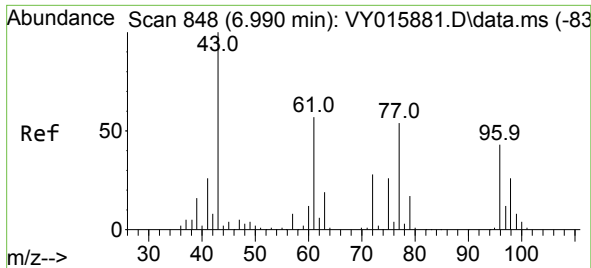
Tgt Ion: 43 Resp: 85985
Ion Ratio Lower Upper
43 100
72 25.9 20.5 30.7



#26
2,2-Dichloropropane
Concen: 18.959 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

Tgt Ion: 77 Resp: 52150
Ion Ratio Lower Upper
77 100
97 24.0 10.9 32.9

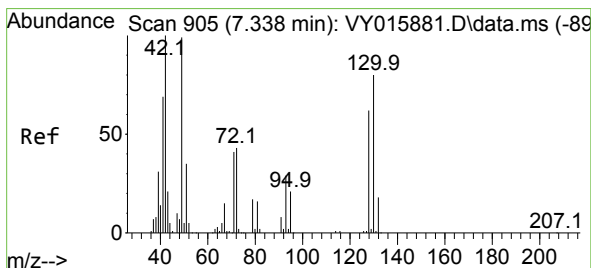
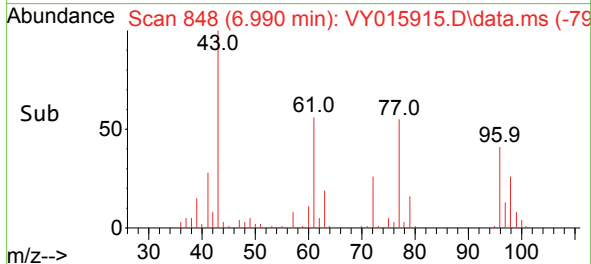
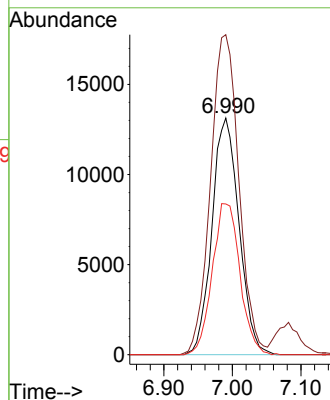
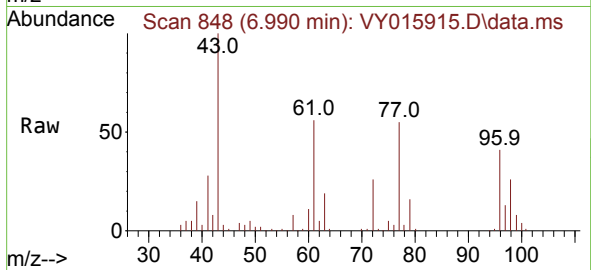




#27
 cis-1,2-Dichloroethene
 Concen: 19.327 ug/l
 RT: 6.990 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY015915.D
 Acq: 11 Oct 2023 11:21

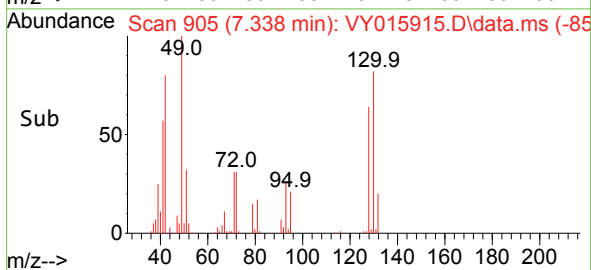
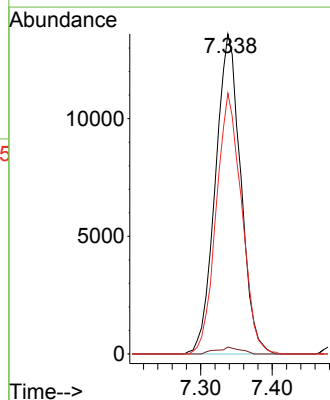
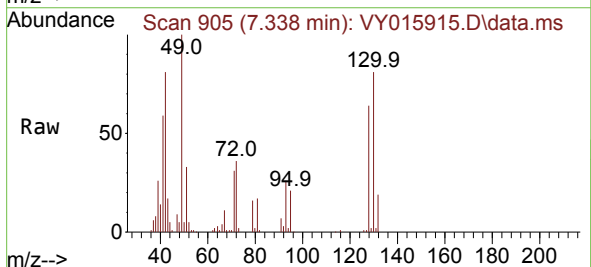
Instrument :
 MSVOA_Y
 ClientSampleId :

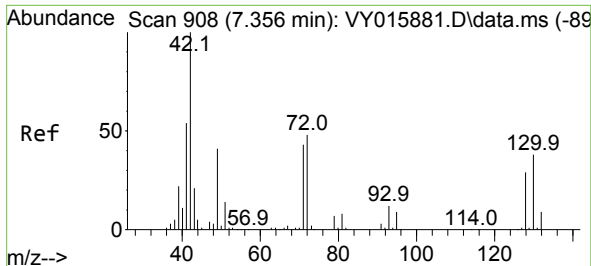
Tgt Ion: 96 Resp: 36039
 Ion Ratio Lower Upper
 96 100
 61 141.9 0.0 301.4
 98 65.2 0.0 130.4



#28
 Bromochloromethane
 Concen: 19.599 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.000 min
 Lab File: VY015915.D
 Acq: 11 Oct 2023 11:21

Tgt Ion: 49 Resp: 33410
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 81.9 60.7 91.1





#29

Tetrahydrofuran

Concen: 85.490 ug/l

RT: 7.350 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY015915.D

Acq: 11 Oct 2023 11:21

Instrument :

MSVOA_Y

ClientSampleId :

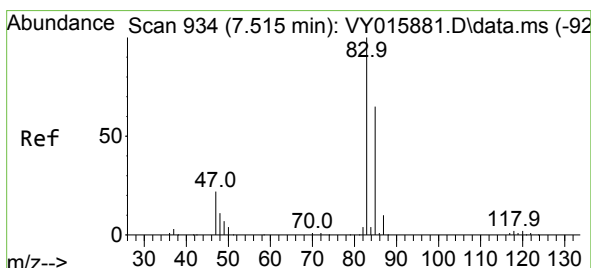
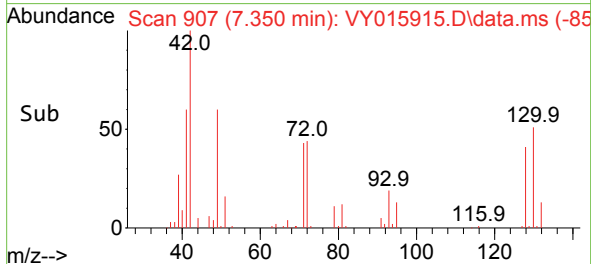
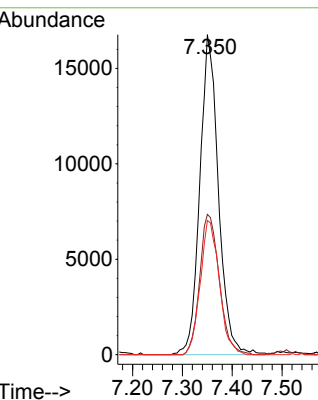
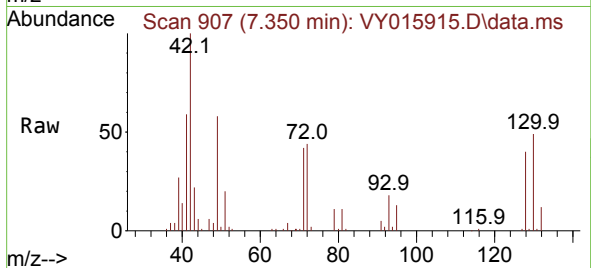
Tgt Ion: 42 Resp: 43486

Ion Ratio Lower Upper

42 100

72 46.1 32.8 49.2

71 42.8 31.0 46.4



#30

Chloroform

Concen: 20.247 ug/l

RT: 7.509 min Scan# 933

Delta R.T. -0.006 min

Lab File: VY015915.D

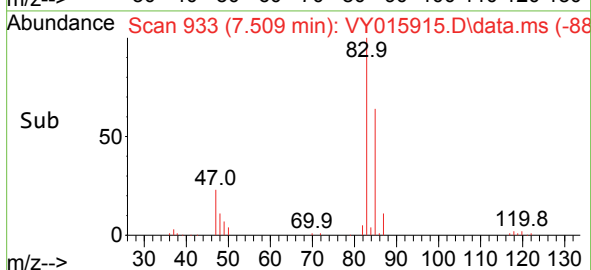
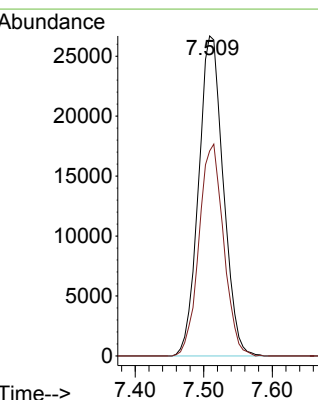
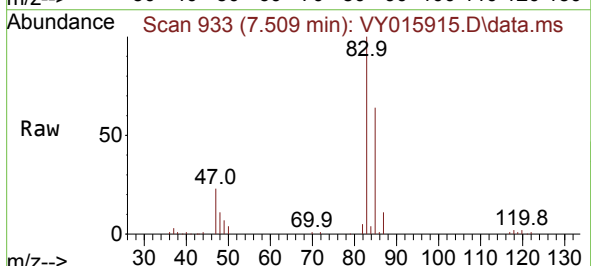
Acq: 11 Oct 2023 11:21

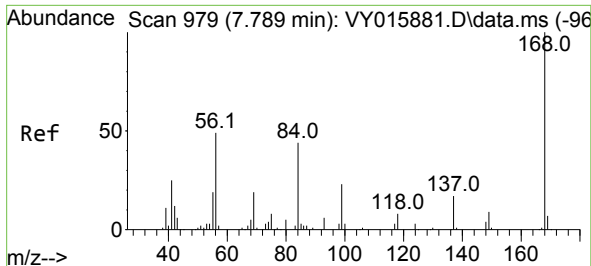
Tgt Ion: 83 Resp: 66797

Ion Ratio Lower Upper

83 100

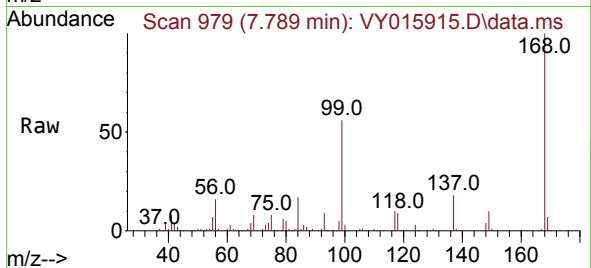
85 64.0 49.7 74.5



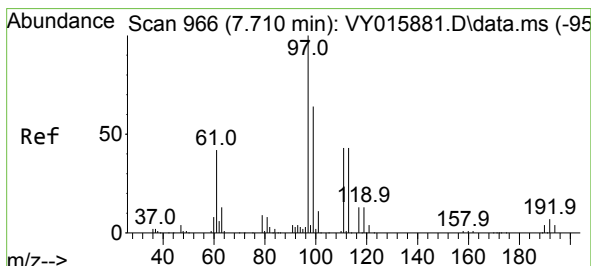
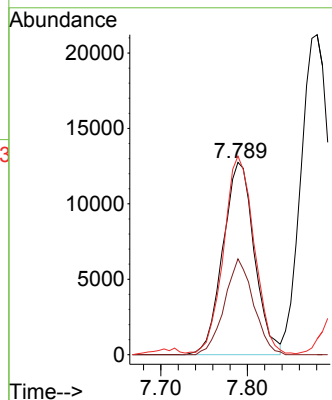
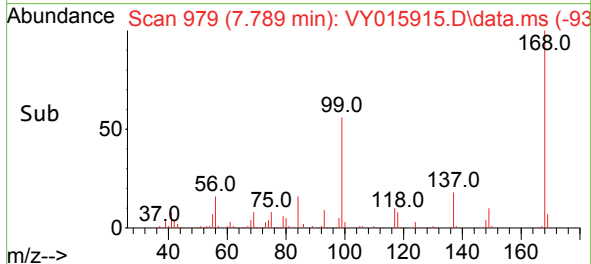


#31
Cyclohexane
Concen: 17.722 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

Instrument :
MSVOA_Y
ClientSampleId :

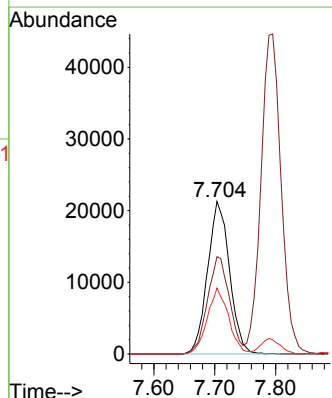
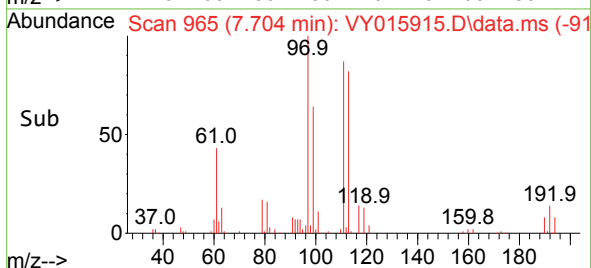
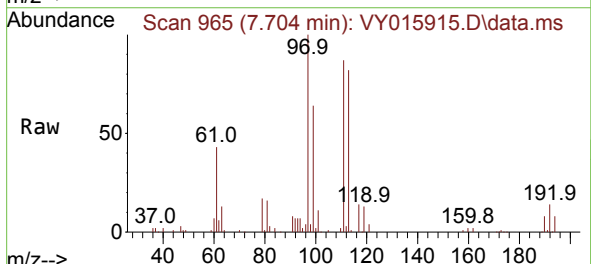


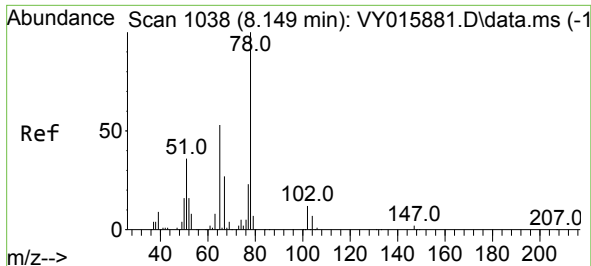
Tgt Ion: 56 Resp: 32172
Ion Ratio Lower Upper
56 100
69 49.9 27.8 41.6#
84 101.8 66.4 99.6#



#32
1,1,1-Trichloroethane
Concen: 19.787 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.006 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

Tgt Ion: 97 Resp: 53311
Ion Ratio Lower Upper
97 100
99 64.0 50.8 76.2
61 42.0 35.1 52.7

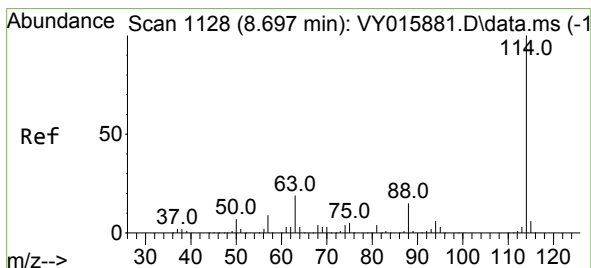
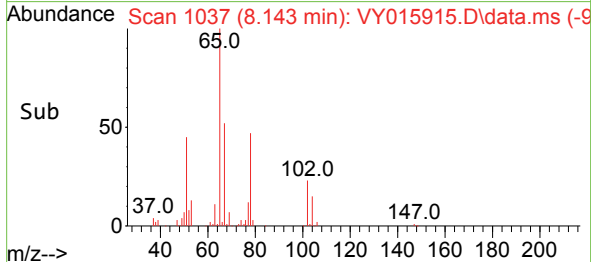
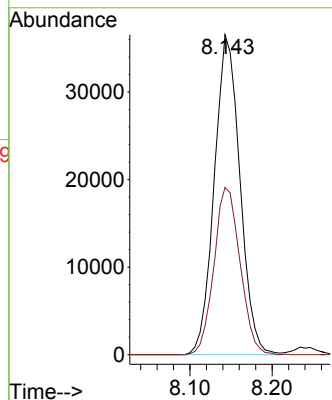
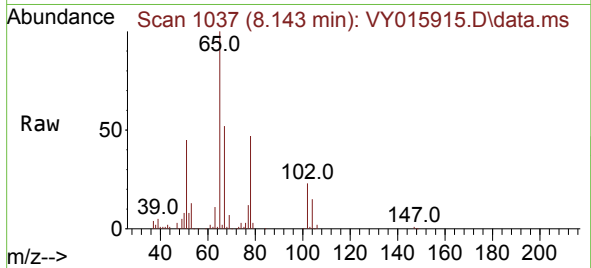




#33
 1,2-Dichloroethane-d4
 Concen: 46.683 ug/l
 RT: 8.143 min Scan# 1103
 Delta R.T. -0.006 min
 Lab File: VY015915.D
 Acq: 11 Oct 2023 11:21

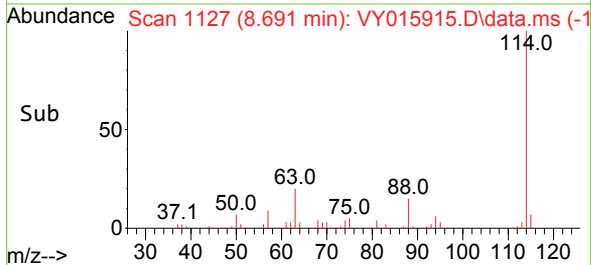
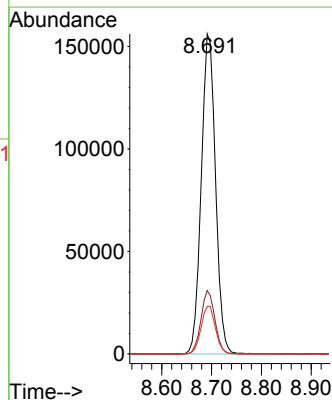
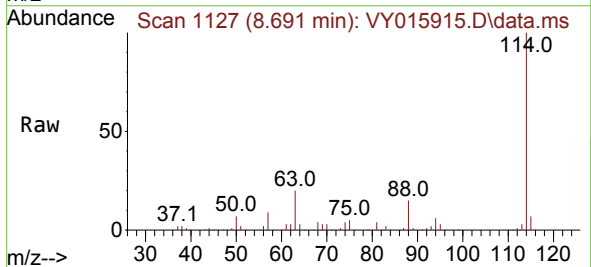
Instrument :
 MSVOA_Y
 ClientSampleId :

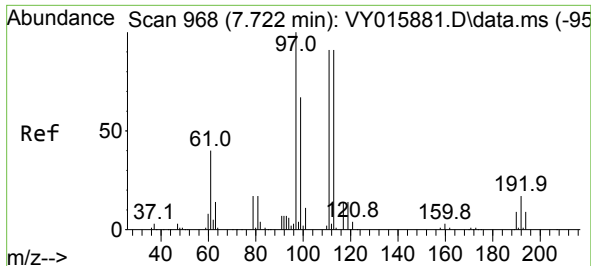
Tgt Ion: 65 Resp: 79129
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.006 min
 Lab File: VY015915.D
 Acq: 11 Oct 2023 11:21

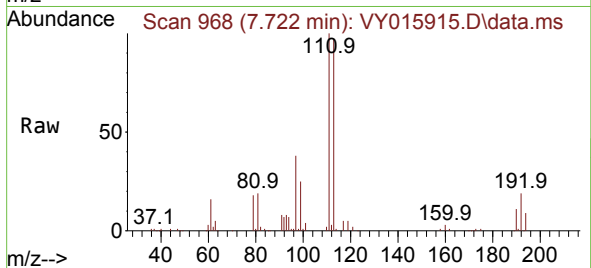
Tgt Ion:114 Resp: 309533
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 42.4
 88 14.8 0.0 30.6



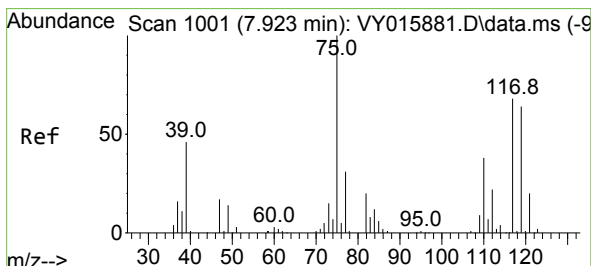
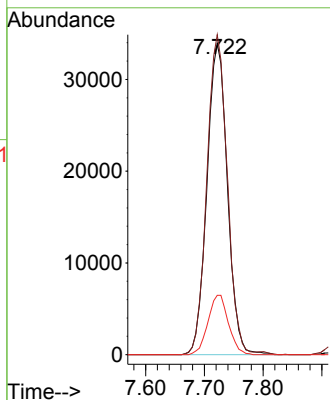
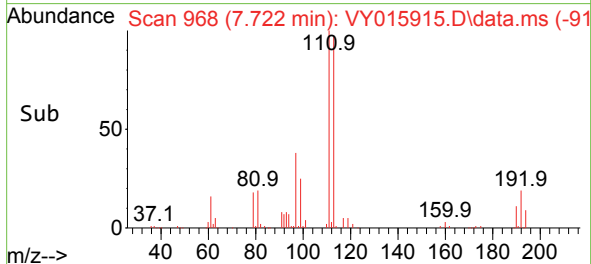


#35
Dibromofluoromethane
Concen: 47.553 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

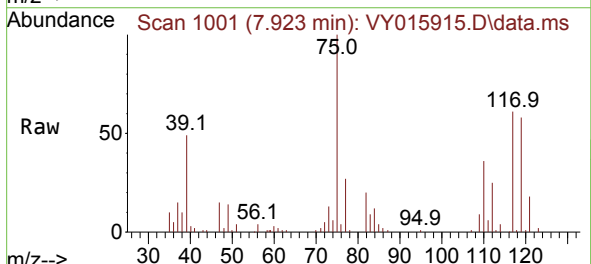
Instrument :
MSVOA_Y
ClientSampleId :



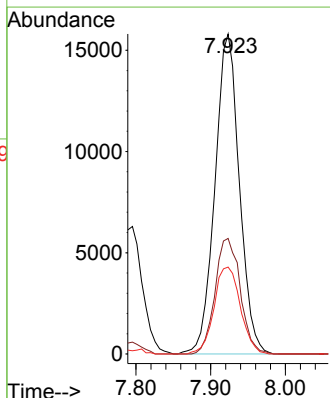
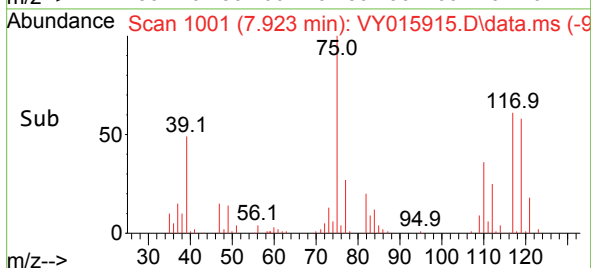
Tgt Ion:113 Resp: 82100
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 19.1 16.9 25.3

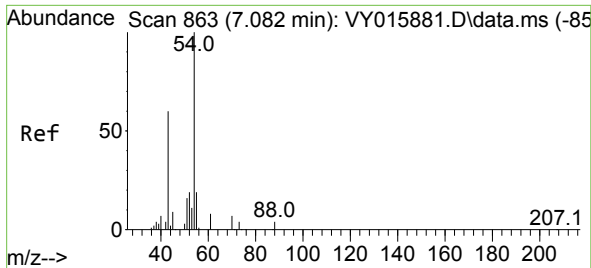


#36
1,1-Dichloropropene
Concen: 18.772 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21



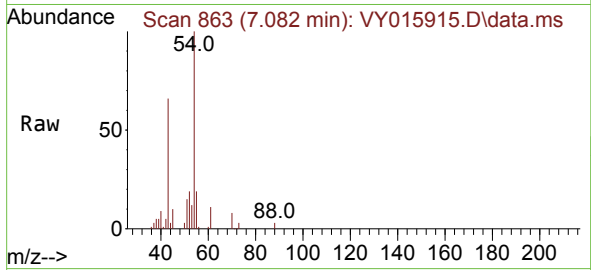
Tgt Ion: 75 Resp: 35894
Ion Ratio Lower Upper
75 100
110 37.2 17.8 53.5
77 29.3 24.4 36.6



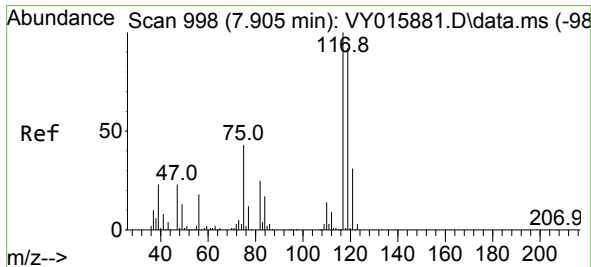
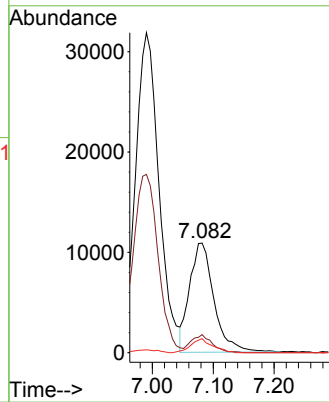
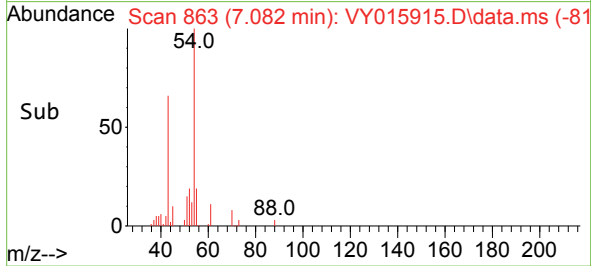


#37
Ethyl Acetate
Concen: 18.417 ug/l
RT: 7.082 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

Instrument :
MSVOA_Y
ClientSampleId :

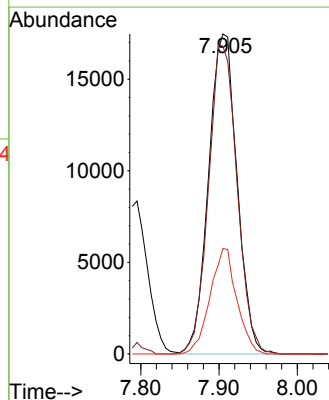
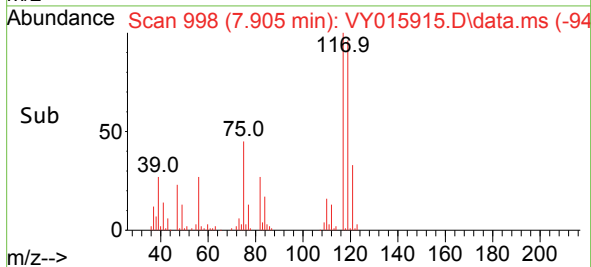
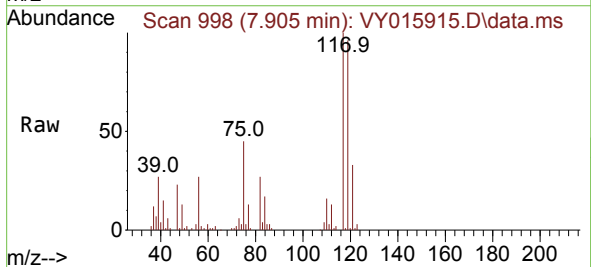


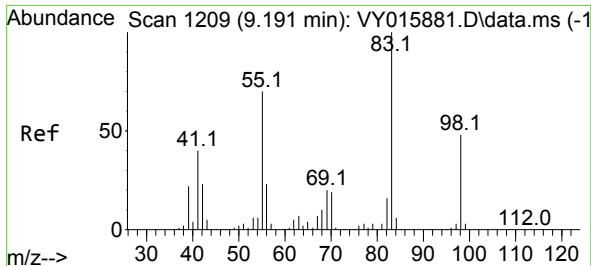
Tgt Ion: 43 Resp: 30244
Ion Ratio Lower Upper
43 100
61 14.2 10.1 15.1
70 11.3 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 19.276 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

Tgt Ion: 117 Resp: 44265
Ion Ratio Lower Upper
117 100
119 96.2 76.4 114.6
121 32.9 25.8 38.6





#39

Methylcyclohexane

Concen: 18.246 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY015915.D

Acq: 11 Oct 2023 11:21

Instrument :

MSVOA_Y

ClientSampleId :

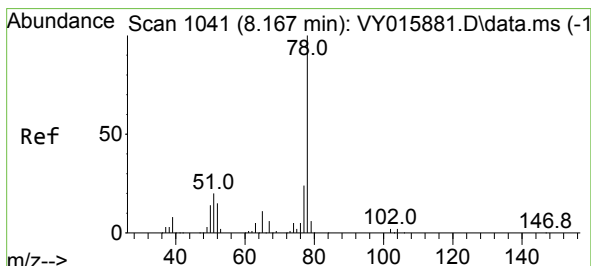
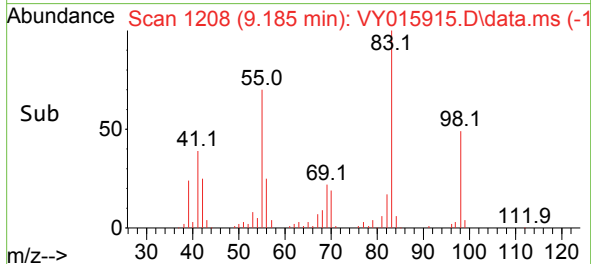
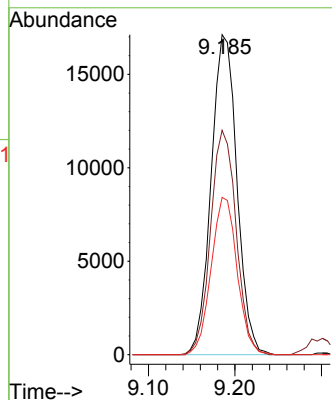
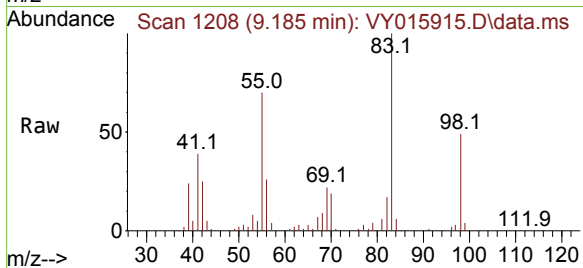
Tgt Ion: 83 Resp: 35438

Ion Ratio Lower Upper

83 100

55 70.1 63.0 94.4

98 49.2 37.4 56.2



#40

Benzene

Concen: 19.423 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY015915.D

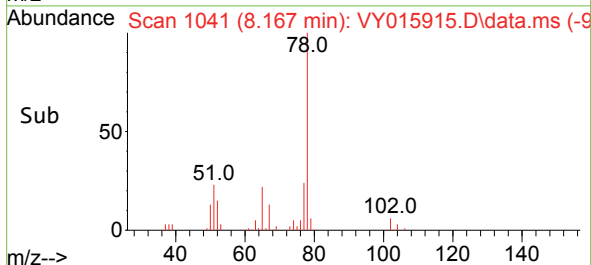
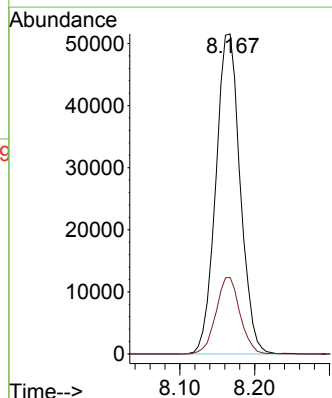
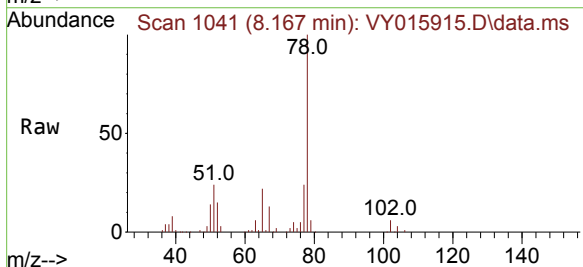
Acq: 11 Oct 2023 11:21

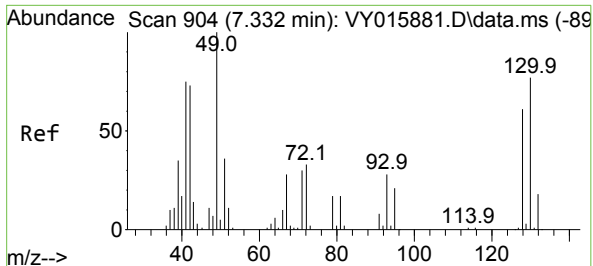
Tgt Ion: 78 Resp: 116718

Ion Ratio Lower Upper

78 100

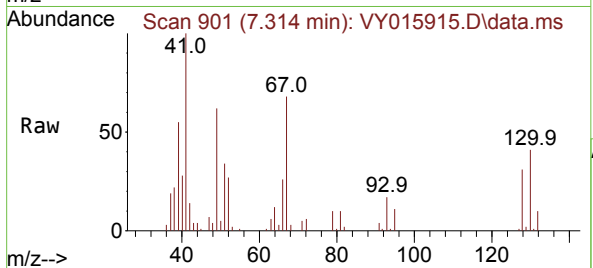
77 23.9 19.0 28.6



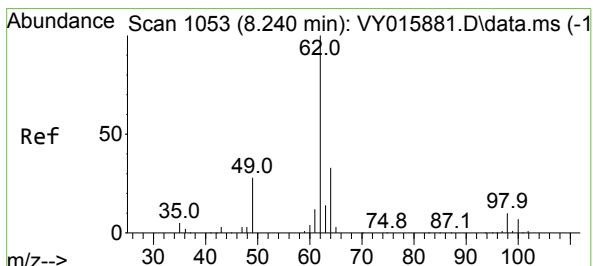
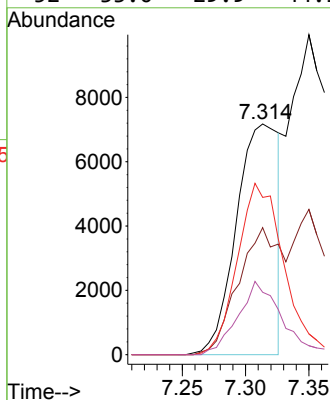
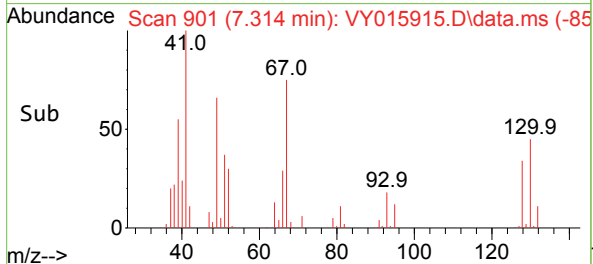


#41
Methacrylonitrile
Concen: 16.322 ug/l
RT: 7.314 min Scan# 904
Delta R.T. -0.018 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

Instrument :
MSVOA_Y
ClientSampleId :

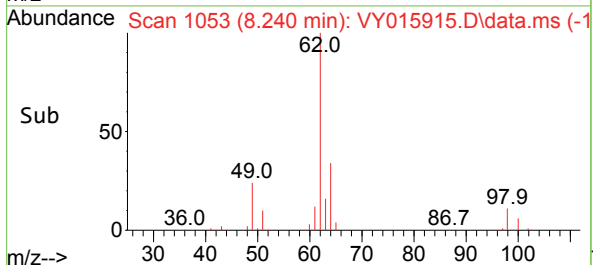
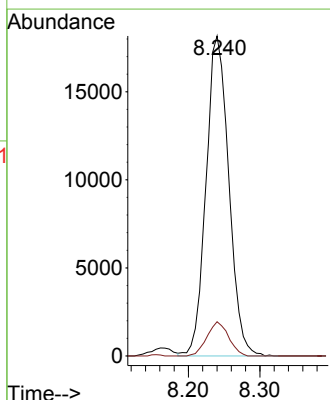
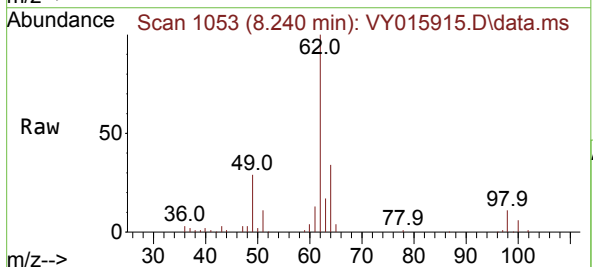


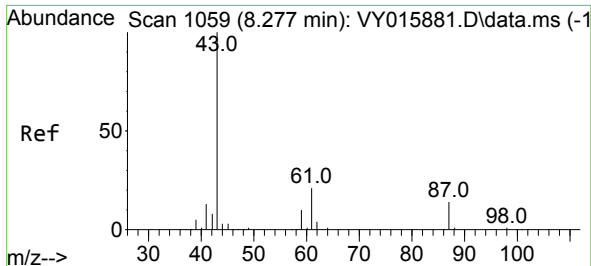
Tgt Ion:	41	Resp:	16672
Ion	Ratio	Lower	Upper
41	100		
39	57.3	52.1	78.1
67	82.4	66.2	99.2
52	33.0	29.9	44.9



#42
1,2-Dichloroethane
Concen: 19.616 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

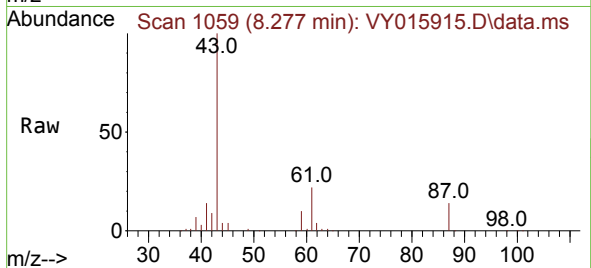
Tgt Ion:	62	Resp:	40182
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	15.8



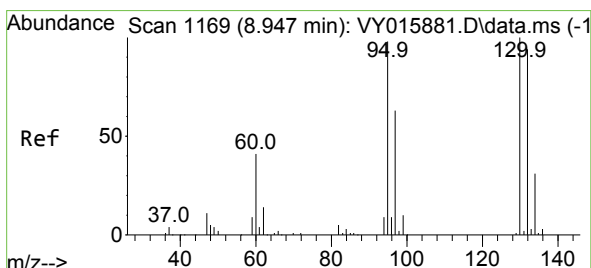
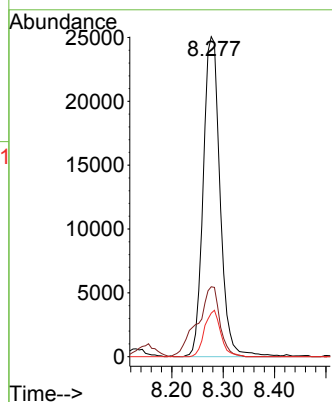
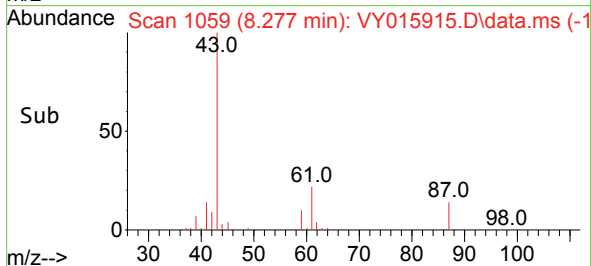


#43
Isopropyl Acetate
Concen: 18.747 ug/l
RT: 8.277 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

Instrument :
MSVOA_Y
ClientSampleId :

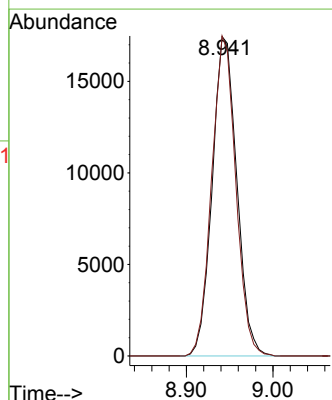
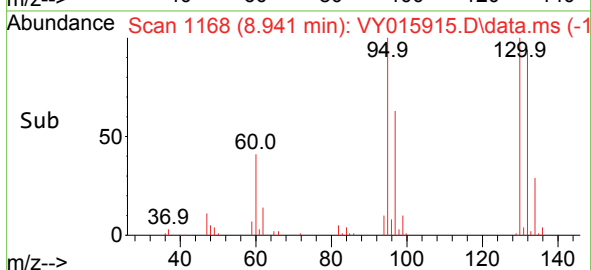
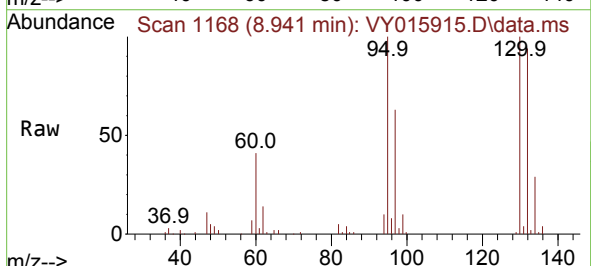


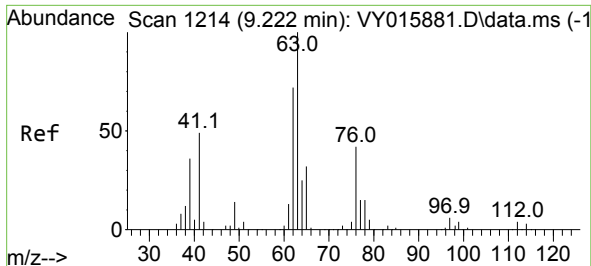
Tgt Ion: 43 Resp: 56989
Ion Ratio Lower Upper
43 100
61 29.1 21.1 31.7
87 14.0 9.8 14.8



#44
Trichloroethene
Concen: 19.772 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.006 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

Tgt Ion:130 Resp: 34381
Ion Ratio Lower Upper
130 100
95 100.2 0.0 196.0

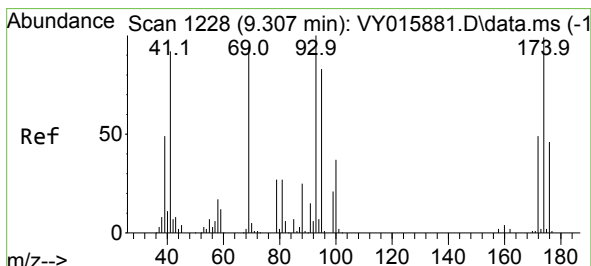
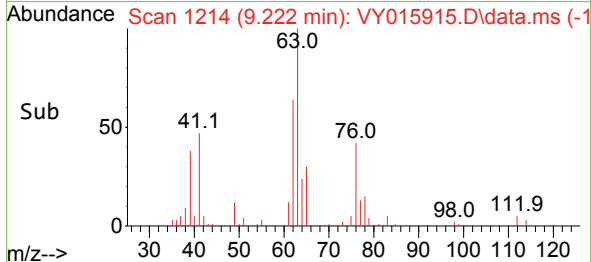
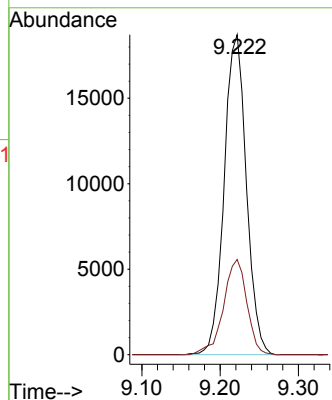
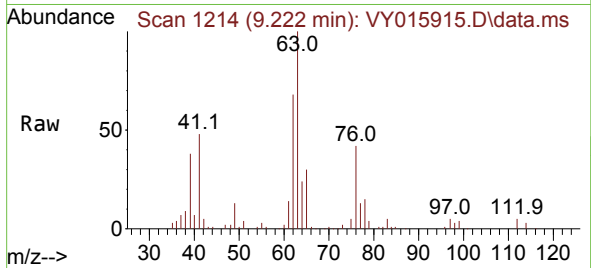




#45
1,2-Dichloropropane
Concen: 20.380 ug/l
RT: 9.222 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

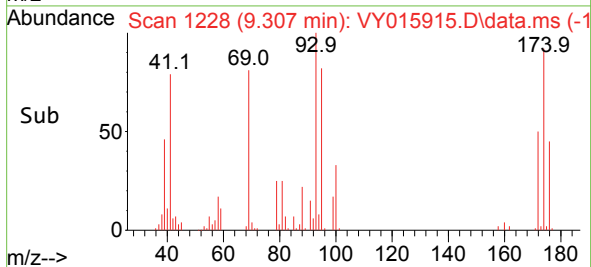
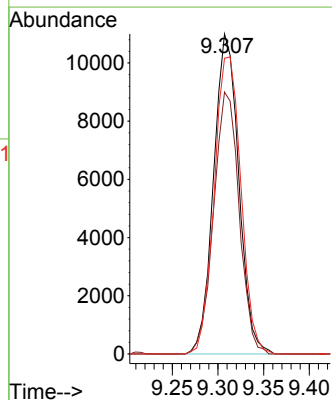
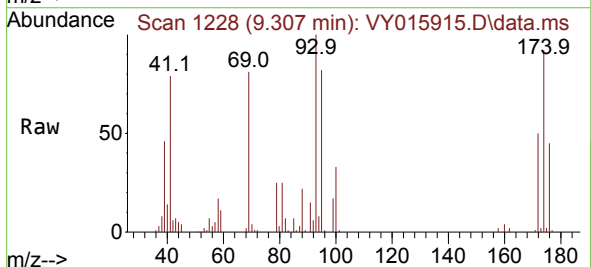
Instrument :
MSVOA_Y
ClientSampleId :

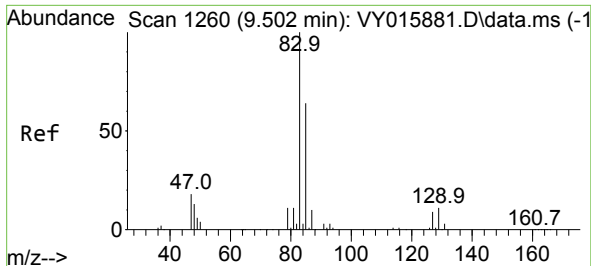
Tgt Ion: 63 Resp: 36837
Ion Ratio Lower Upper
63 100
65 29.7 23.8 35.6



#46
Dibromomethane
Concen: 19.538 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

Tgt Ion: 93 Resp: 21015
Ion Ratio Lower Upper
93 100
95 82.9 66.6 100.0
174 98.6 84.8 127.2

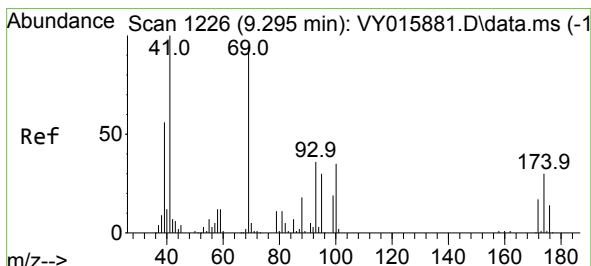
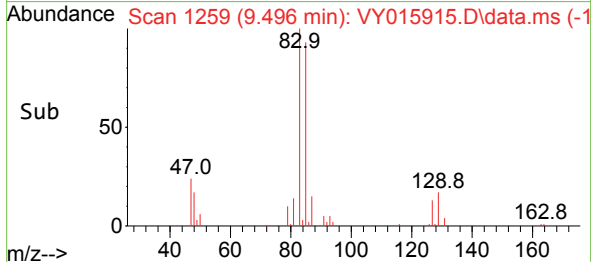
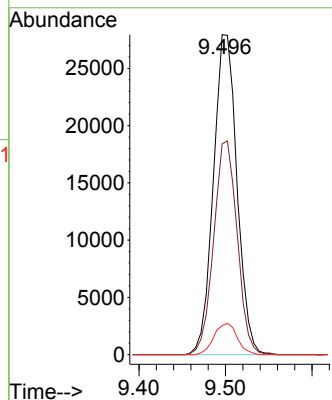
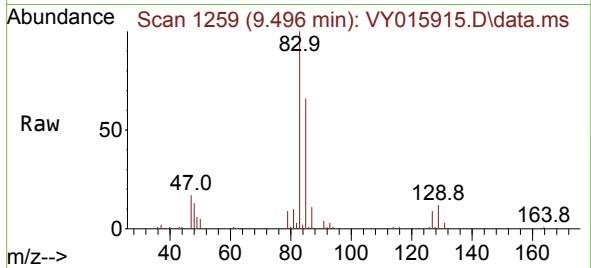




#47
Bromodichloromethane
Concen: 19.788 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

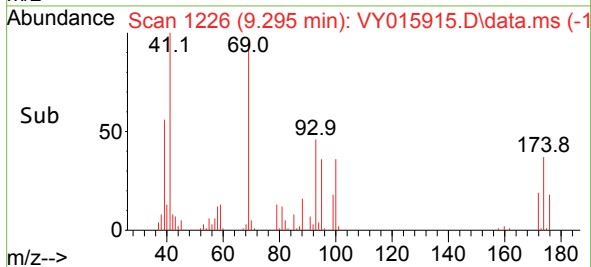
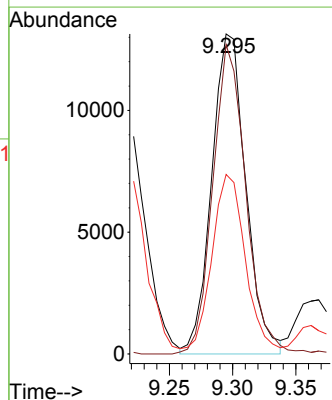
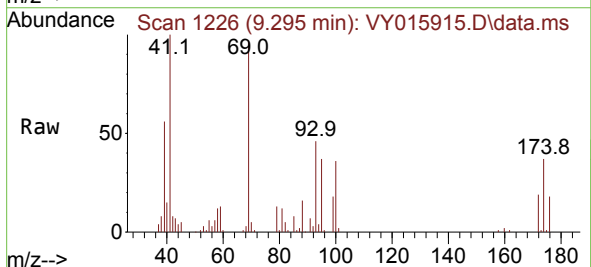
Instrument :
MSVOA_Y
ClientSampleId :

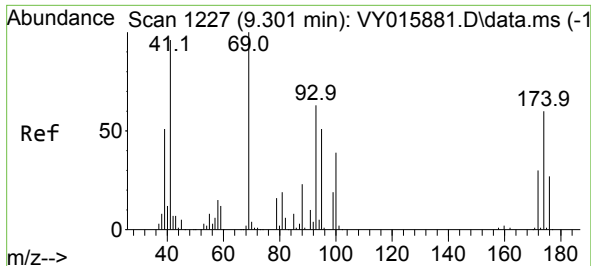
Tgt Ion: 83 Resp: 52934
Ion Ratio Lower Upper
83 100
85 65.8 50.1 75.1
127 9.0 7.1 10.7



#48
Methyl methacrylate
Concen: 18.357 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

Tgt Ion: 41 Resp: 24644
Ion Ratio Lower Upper
41 100
69 93.8 64.5 96.7
39 55.5 50.8 76.2





#49

1,4-Dioxane

Concen: 346.300 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY015915.D

Acq: 11 Oct 2023 11:21

Instrument :

MSVOA_Y

ClientSampleId :

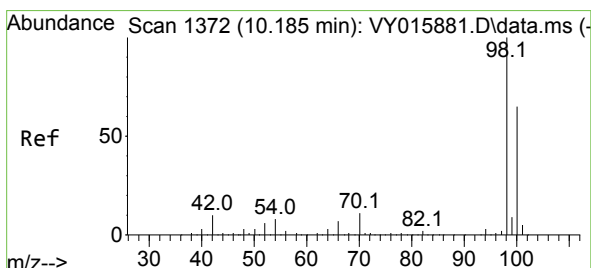
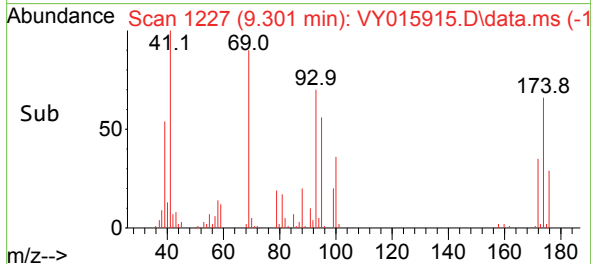
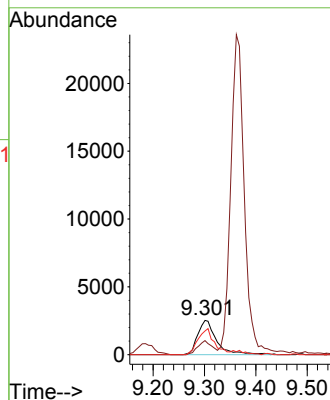
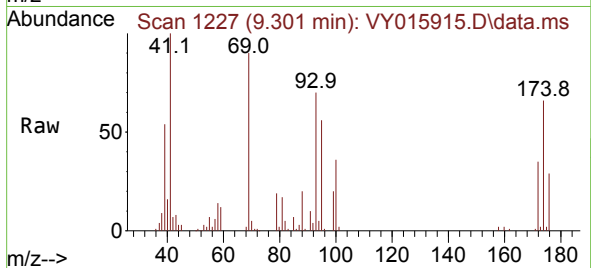
Tgt Ion: 88 Resp: 6475

Ion Ratio Lower Upper

88 100

43 31.1 0.0 0.0#

58 65.6 30.9 46.3#



#50

Toluene-d8

Concen: 48.558 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY015915.D

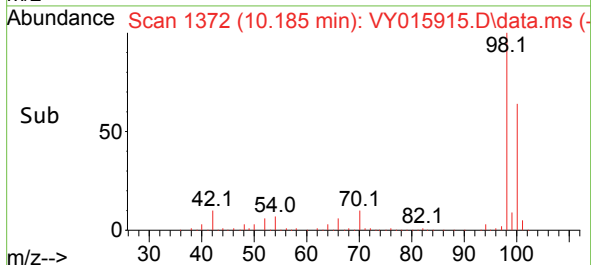
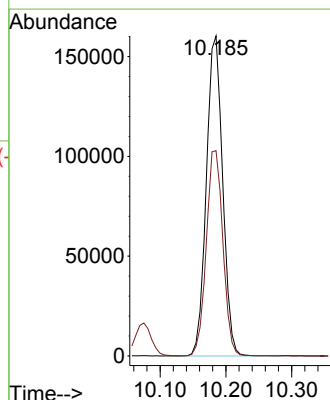
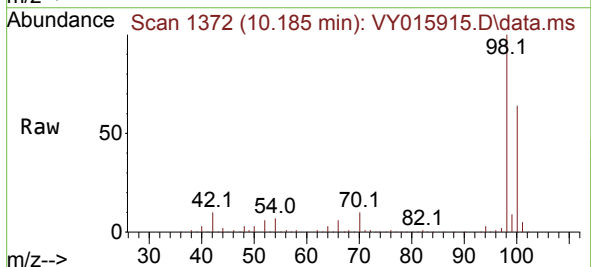
Acq: 11 Oct 2023 11:21

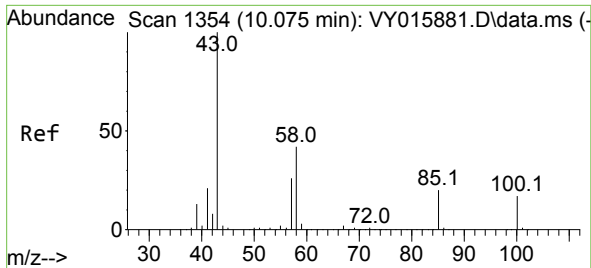
Tgt Ion: 98 Resp: 276299

Ion Ratio Lower Upper

98 100

100 65.4 50.1 75.1

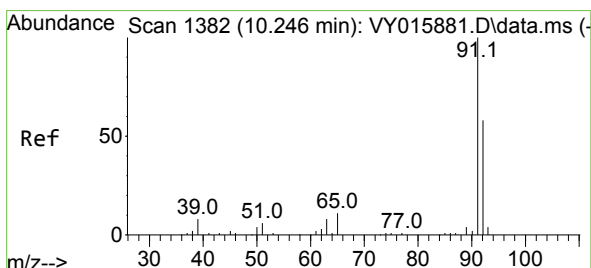
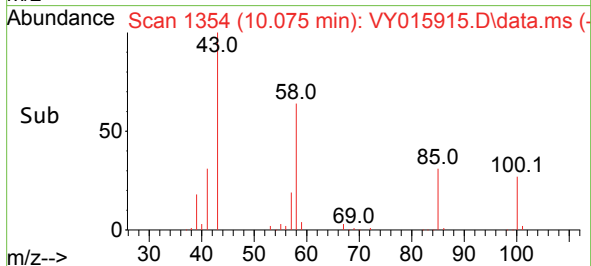
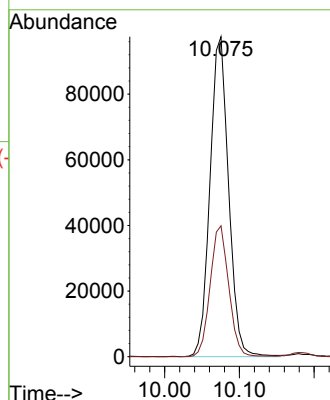
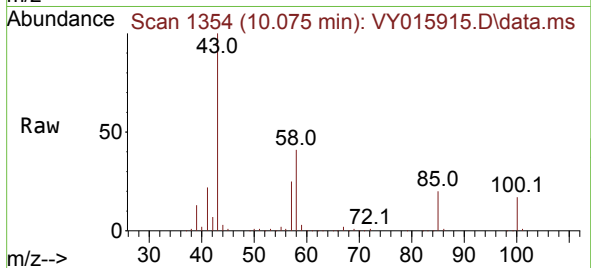




#51
4-Methyl-2-Pentanone
Concen: 92.771 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

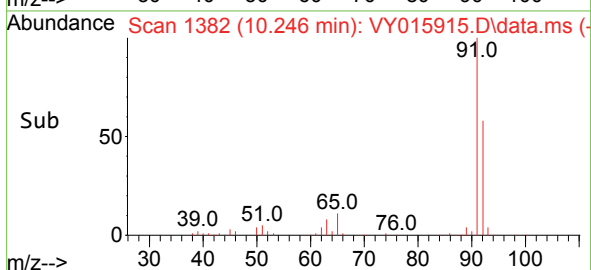
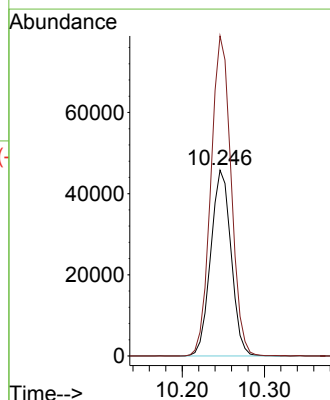
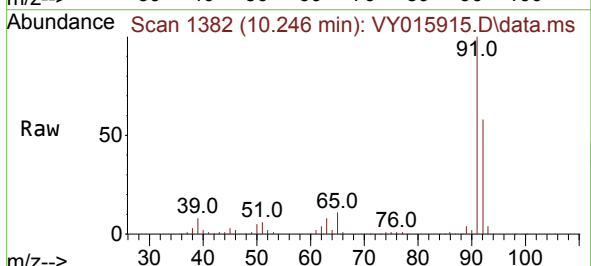
Instrument :
MSVOA_Y
ClientSampleId :

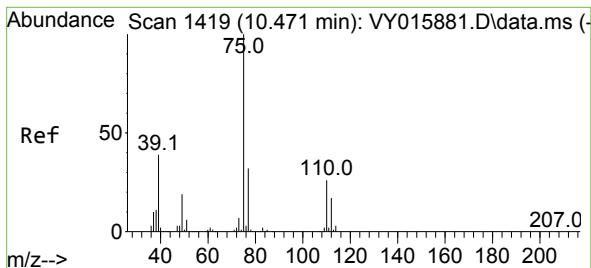
Tgt Ion: 43 Resp: 168722
Ion Ratio Lower Upper
43 100
58 40.9 29.0 43.6



#52
Toluene
Concen: 19.739 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

Tgt Ion: 92 Resp: 78734
Ion Ratio Lower Upper
92 100
91 171.5 143.8 215.6

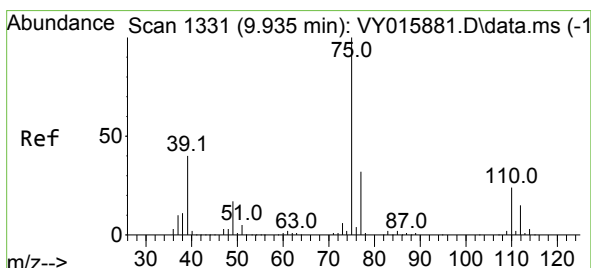
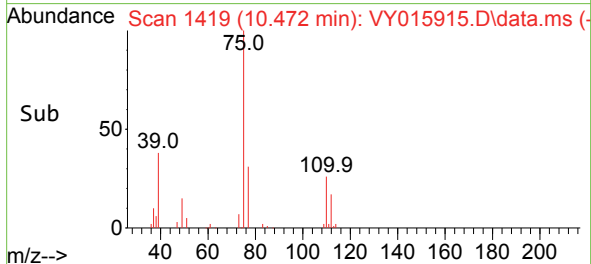
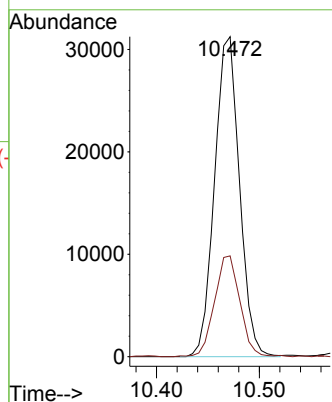
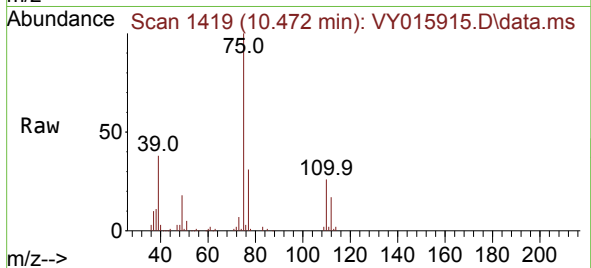




#53
 t-1,3-Dichloropropene
 Concen: 19.428 ug/l
 RT: 10.472 min Scan# 1419
 Delta R.T. 0.000 min
 Lab File: VY015915.D
 Acq: 11 Oct 2023 11:21

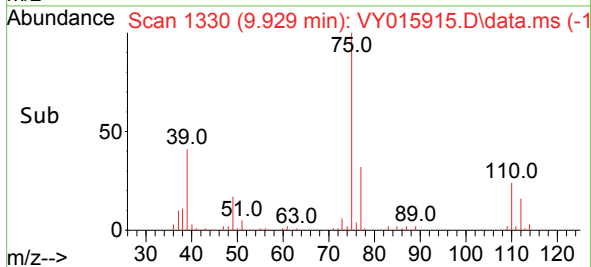
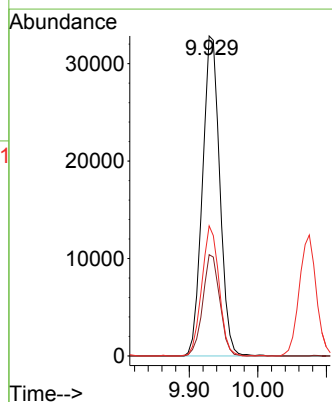
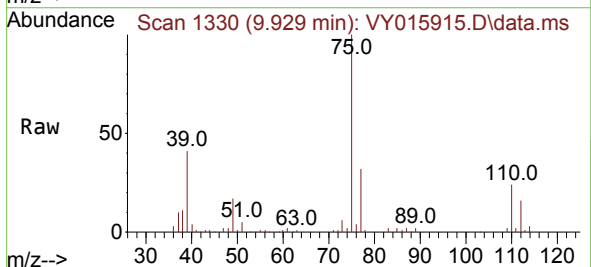
Instrument :
 MSVOA_Y
 ClientSampleId :

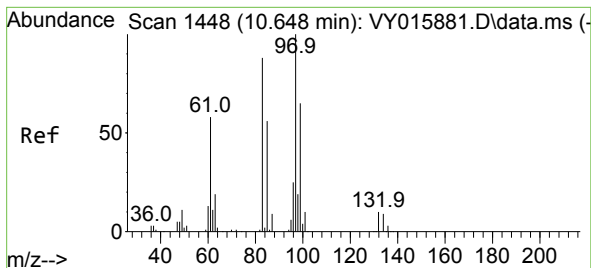
Tgt Ion: 75 Resp: 52540
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 19.721 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.006 min
 Lab File: VY015915.D
 Acq: 11 Oct 2023 11:21

Tgt Ion: 75 Resp: 57933
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.2 36.4
 39 40.7 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 20.431 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VY015915.D

Acq: 11 Oct 2023 11:21

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 34991

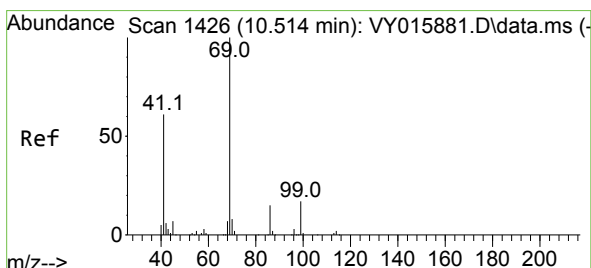
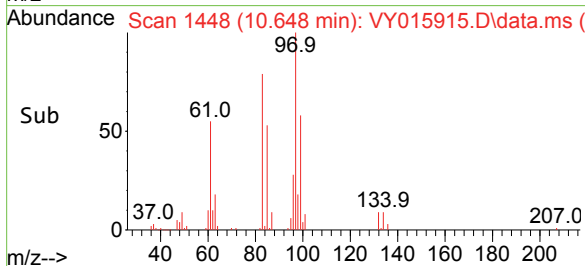
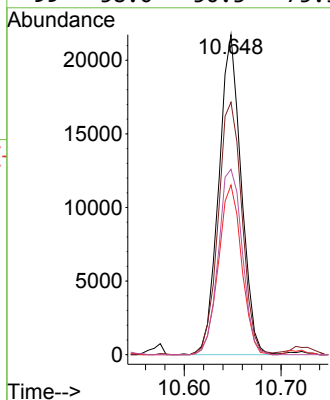
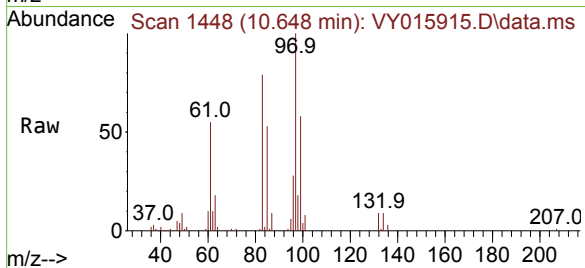
Ion Ratio Lower Upper

97 100

83 78.9 72.0 108.0

85 53.0 45.4 68.0

99 58.0 50.3 75.5



#56

Ethyl methacrylate

Concen: 18.609 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.000 min

Lab File: VY015915.D

Acq: 11 Oct 2023 11:21

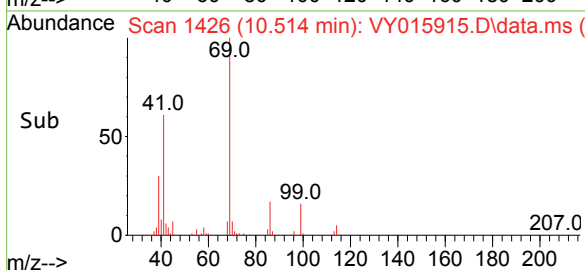
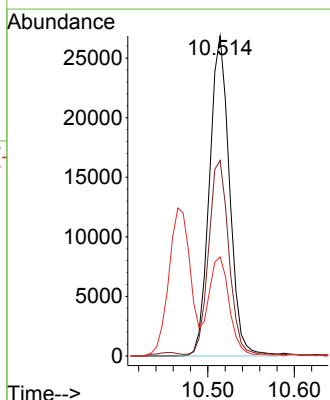
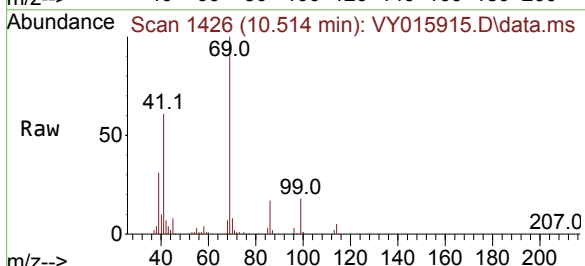
Tgt Ion: 69 Resp: 43270

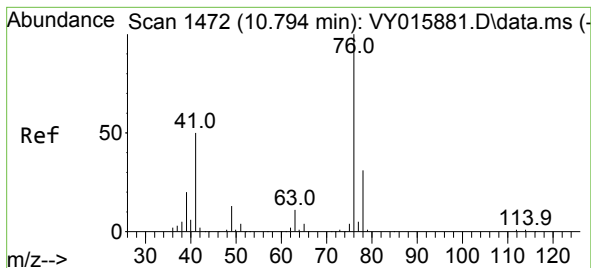
Ion Ratio Lower Upper

69 100

41 61.8 57.6 86.4

39 32.3 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 20.000 ug/l

RT: 10.795 min Scan# 14

Delta R.T. 0.000 min

Lab File: VY015915.D

Acq: 11 Oct 2023 11:21

Instrument :

MSVOA_Y

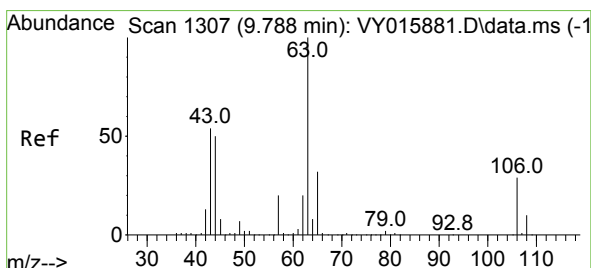
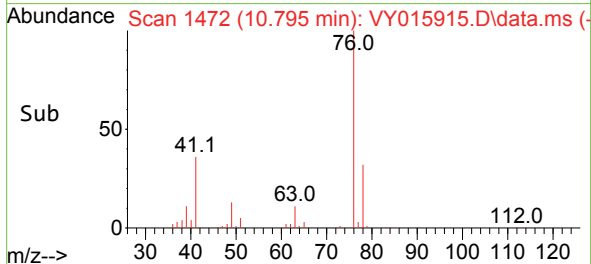
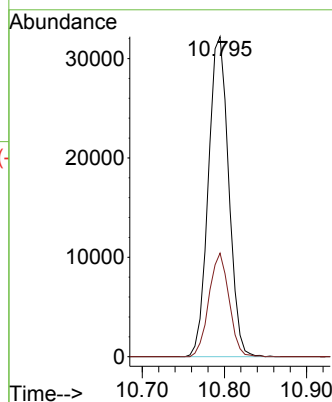
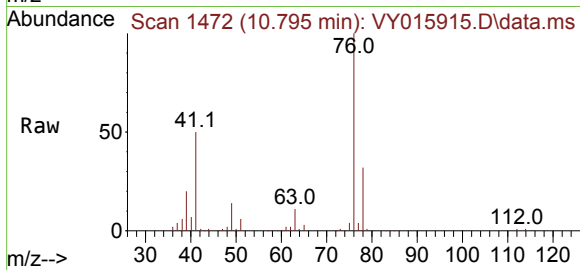
ClientSampleId :

Tgt Ion: 76 Resp: 55226

Ion Ratio Lower Upper

76 100

78 32.1 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 95.837 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VY015915.D

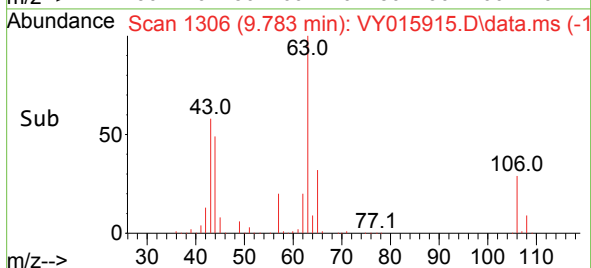
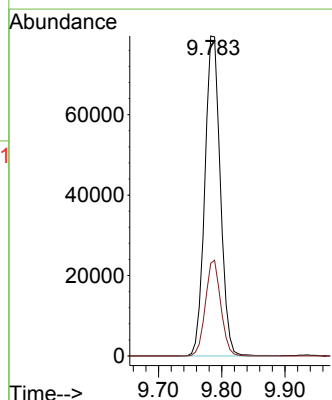
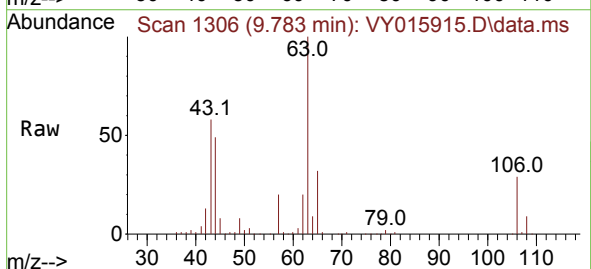
Acq: 11 Oct 2023 11:21

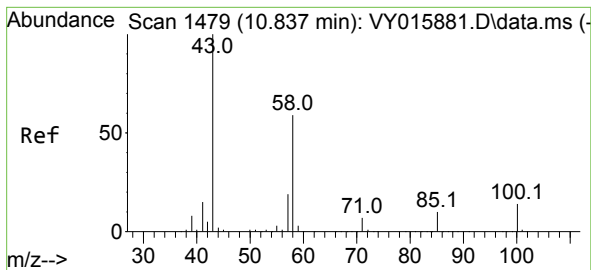
Tgt Ion: 63 Resp: 135821

Ion Ratio Lower Upper

63 100

106 29.6 21.2 31.8

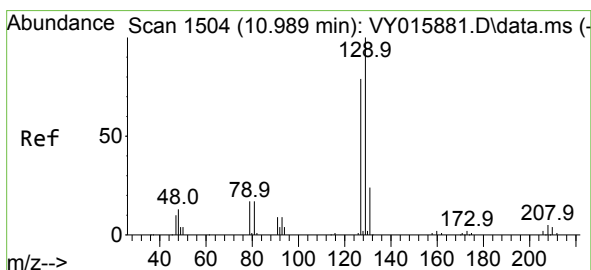
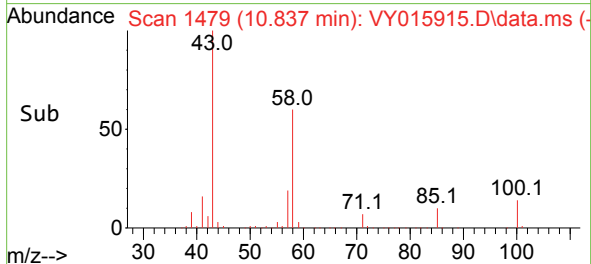
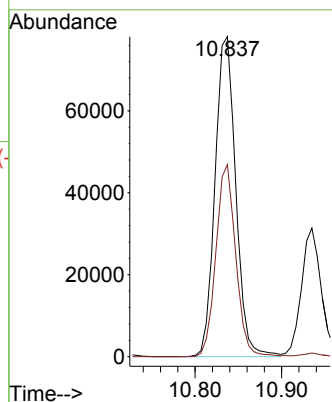
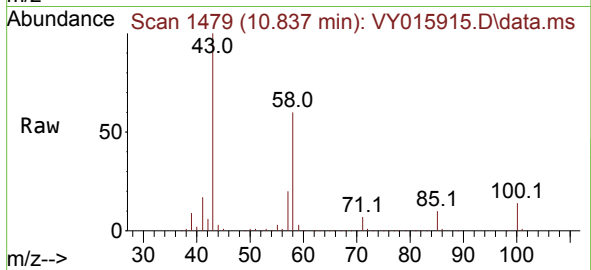




#59
2-Hexanone
Concen: 94.394 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

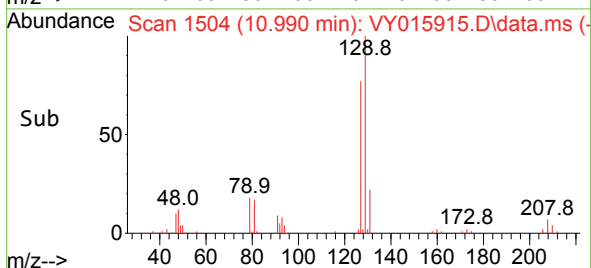
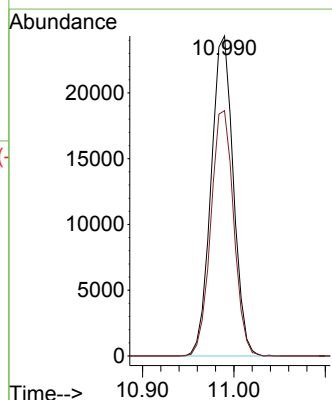
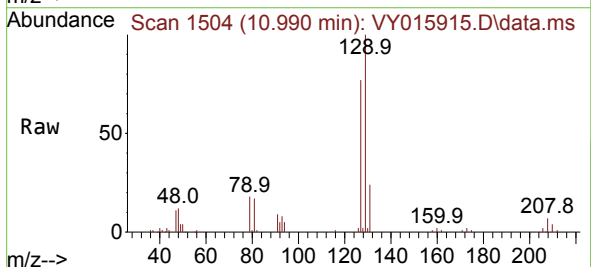
Instrument :
MSVOA_Y
ClientSampleId :

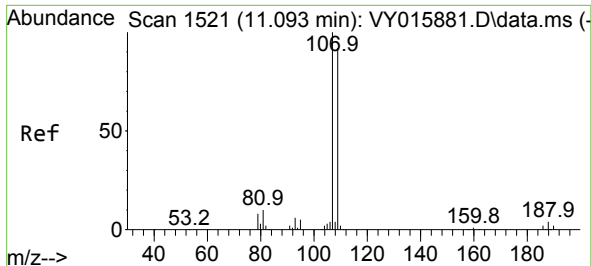
Tgt Ion: 43 Resp: 129880
Ion Ratio Lower Upper
43 100
58 57.5 25.1 75.3



#60
Dibromochloromethane
Concen: 20.044 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

Tgt Ion:129 Resp: 41155
Ion Ratio Lower Upper
129 100
127 78.6 38.5 115.5

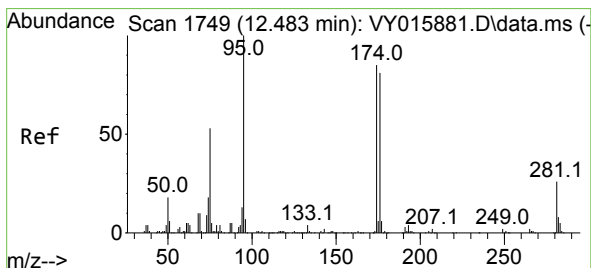
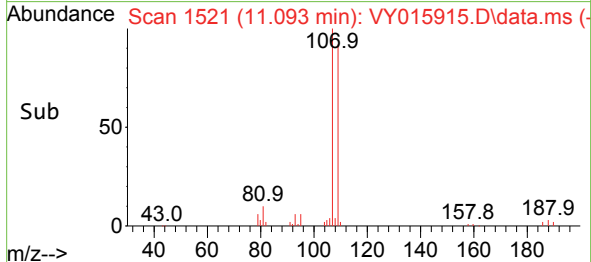
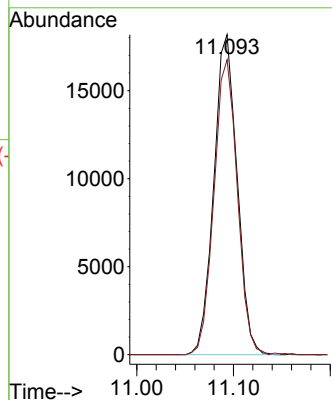
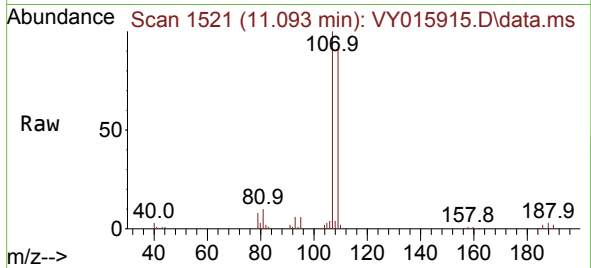




#61
1,2-Dibromoethane
Concen: 19.421 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

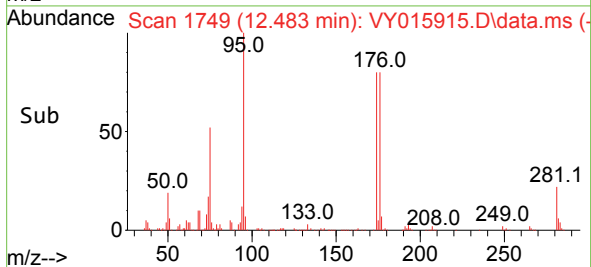
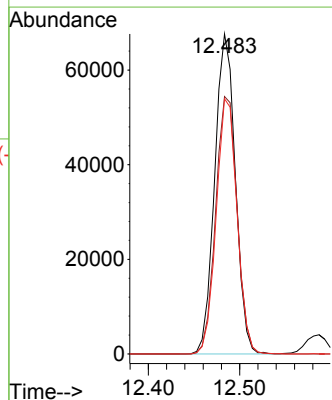
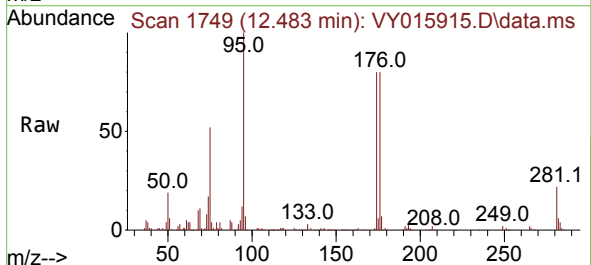
Instrument :
MSVOA_Y
ClientSampleId :

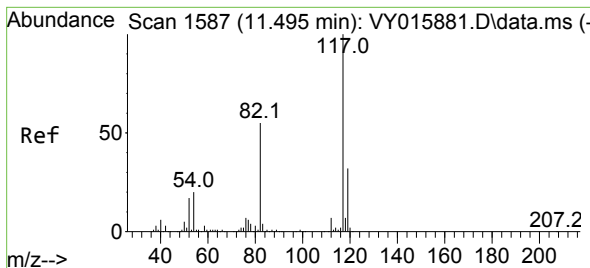
Tgt Ion:107 Resp: 30379
Ion Ratio Lower Upper
107 100
109 92.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 45.917 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

Tgt Ion: 95 Resp: 106121
Ion Ratio Lower Upper
95 100
174 83.7 0.0 178.2
176 80.4 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.000 min

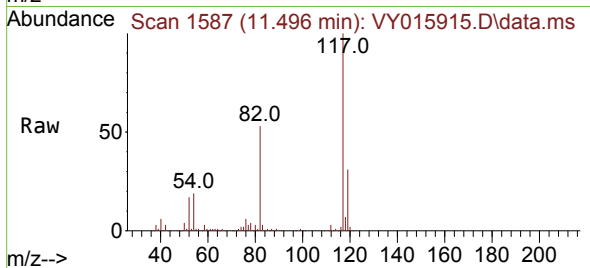
Lab File: VY015915.D

Acq: 11 Oct 2023 11:21

Instrument :

MSVOA_Y

ClientSampleId :



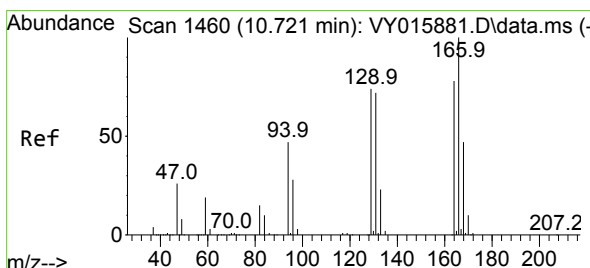
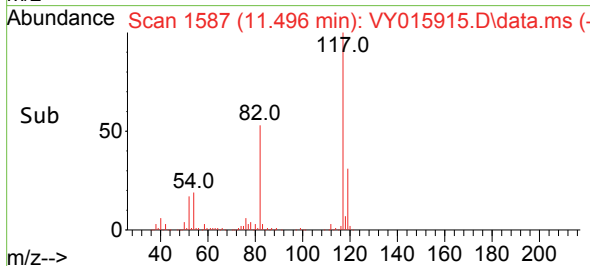
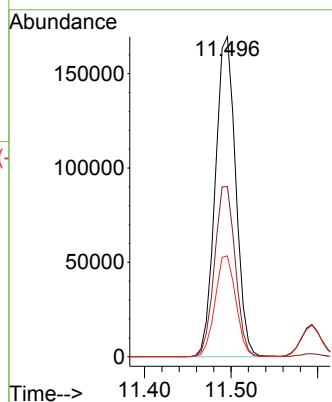
Tgt Ion:117 Resp: 277828

Ion Ratio Lower Upper

117 100

82 53.2 43.4 65.0

119 31.5 26.3 39.5



#64

Tetrachloroethene

Concen: 19.441 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY015915.D

Acq: 11 Oct 2023 11:21

Tgt Ion:164 Resp: 35248

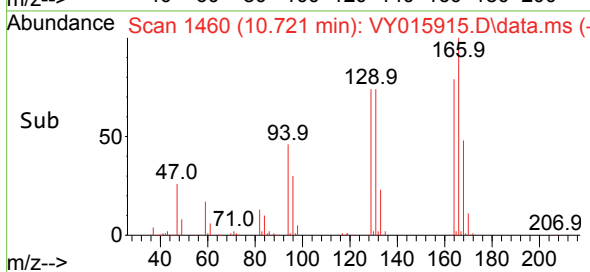
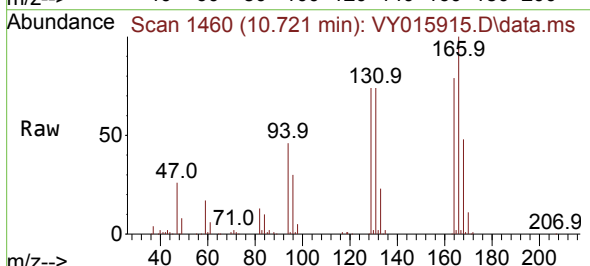
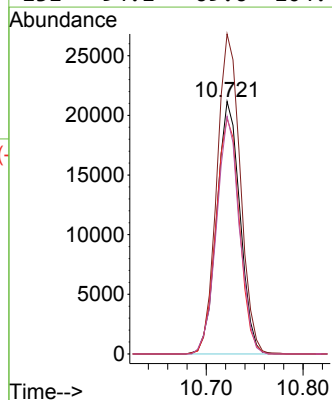
Ion Ratio Lower Upper

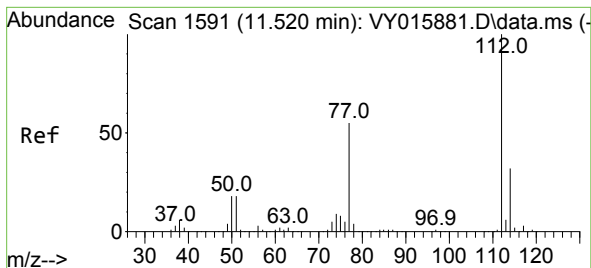
164 100

166 126.7 103.0 154.6

129 93.3 77.2 115.8

131 94.1 69.6 104.4





#65

Chlorobenzene

Concen: 20.030 ug/l

RT: 11.520 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015915.D

Acq: 11 Oct 2023 11:21

Instrument :

MSVOA_Y

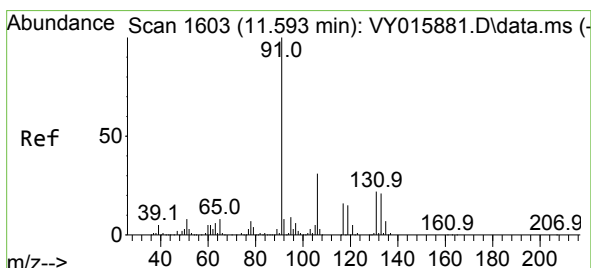
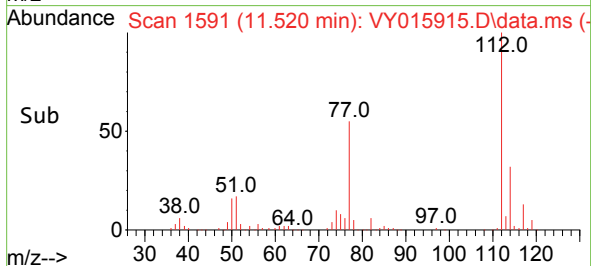
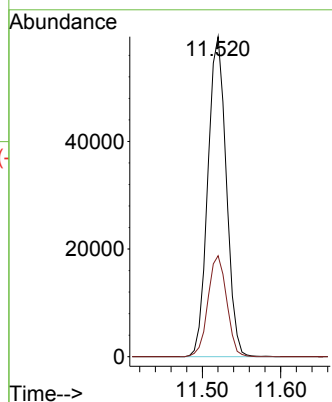
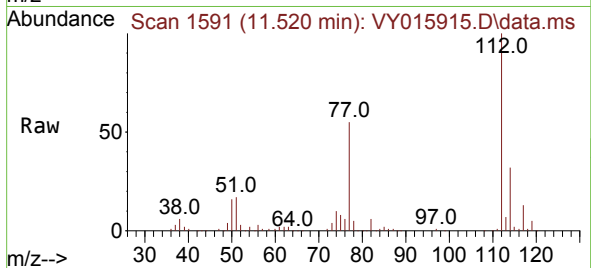
ClientSampleId :

Tgt Ion:112 Resp: 97066

Ion Ratio Lower Upper

112 100

114 31.6 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 20.412 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY015915.D

Acq: 11 Oct 2023 11:21

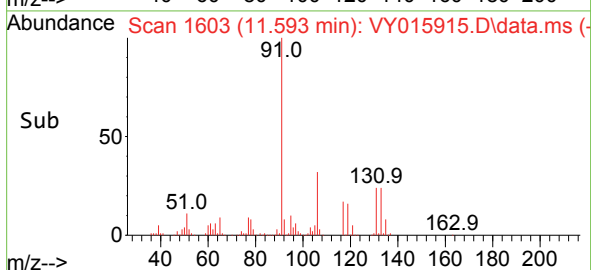
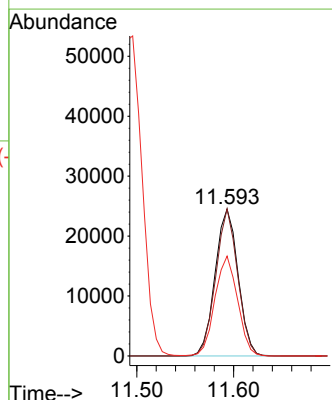
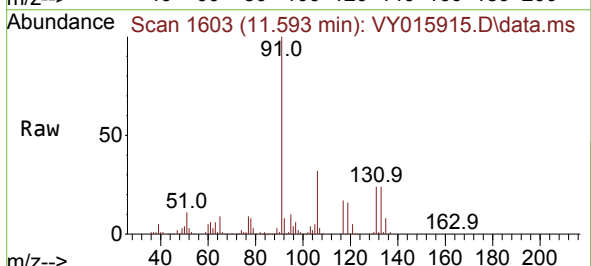
Tgt Ion:131 Resp: 40431

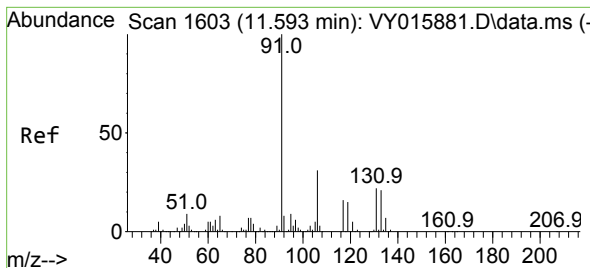
Ion Ratio Lower Upper

131 100

133 95.3 47.5 142.6

119 67.1 31.6 94.7





#67

Ethyl Benzene

Concen: 19.881 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY015915.D

Acq: 11 Oct 2023 11:21

Instrument :

MSVOA_Y

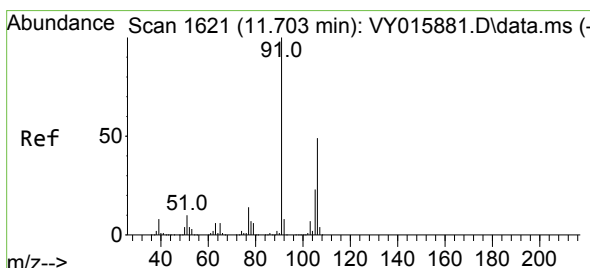
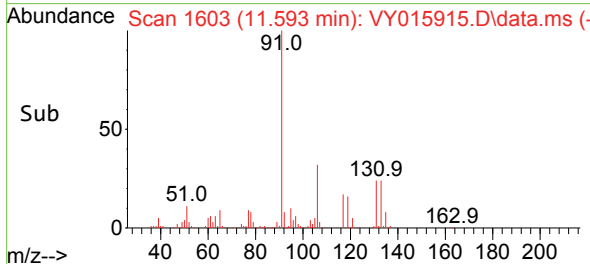
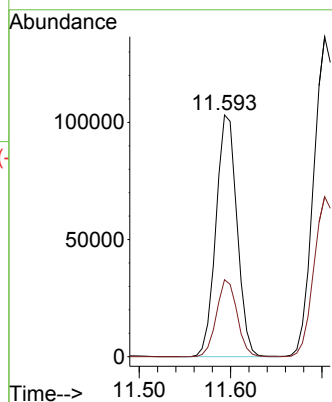
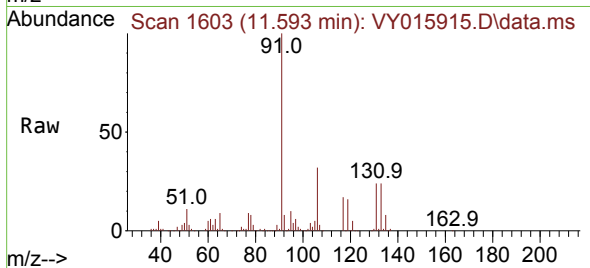
ClientSampleId :

Tgt Ion: 91 Resp: 165291

Ion Ratio Lower Upper

91 100

106 31.8 24.6 36.8



#68

m/p-Xylenes

Concen: 39.794 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY015915.D

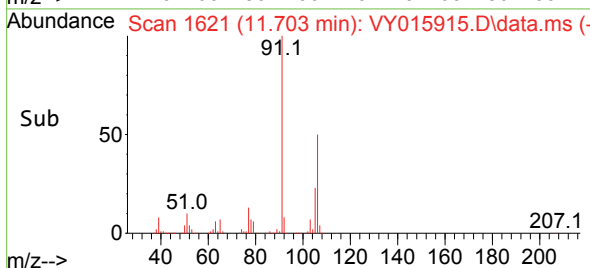
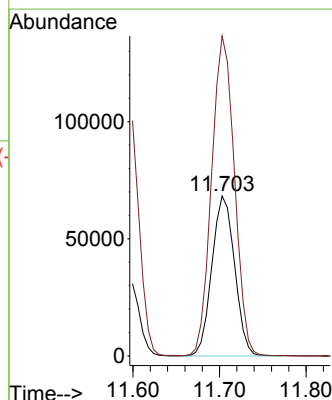
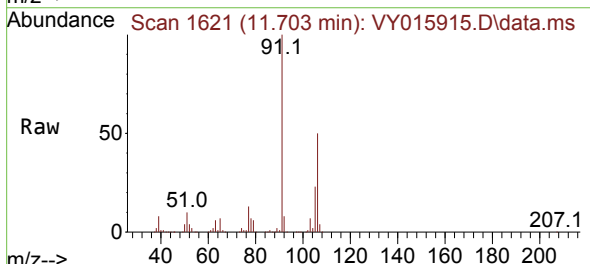
Acq: 11 Oct 2023 11:21

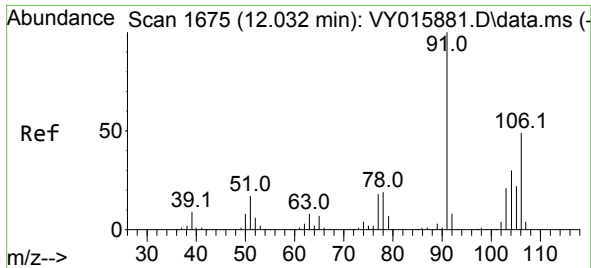
Tgt Ion: 106 Resp: 124665

Ion Ratio Lower Upper

106 100

91 201.4 166.1 249.1

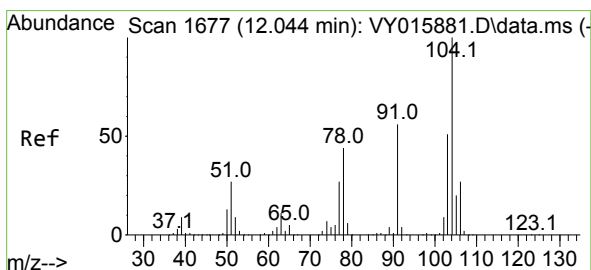
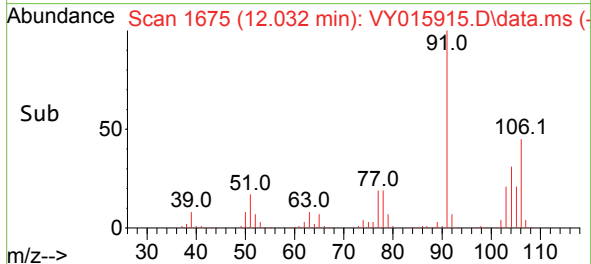
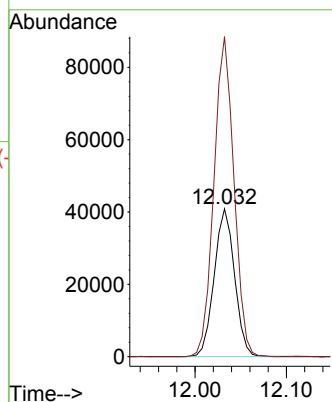
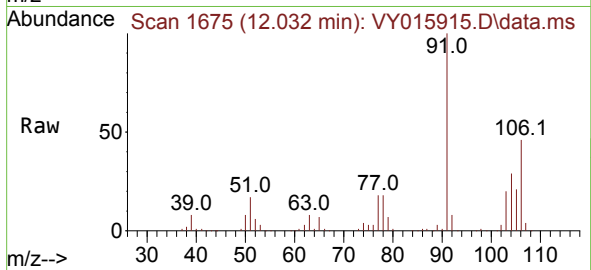




#69
o-Xylene
Concen: 20.173 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

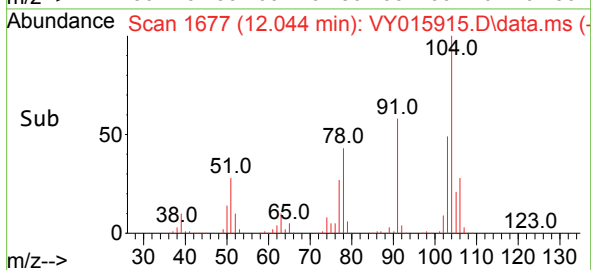
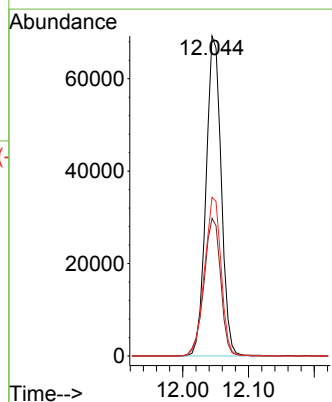
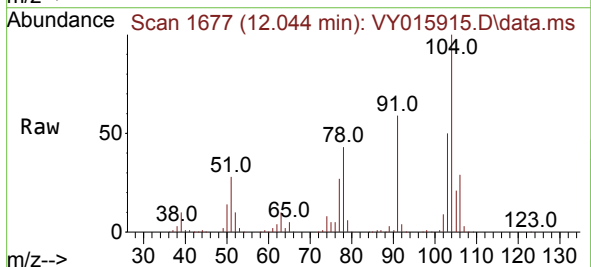
Instrument :
MSVOA_Y
ClientSampleId :

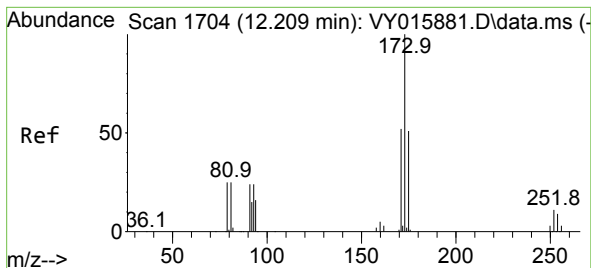
Tgt Ion:106 Resp: 63230
Ion Ratio Lower Upper
106 100
91 213.0 108.1 324.3



#70
Styrene
Concen: 20.359 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

Tgt Ion:104 Resp: 111339
Ion Ratio Lower Upper
104 100
78 47.3 41.5 62.3
103 53.9 44.6 67.0





#71

Bromoform

Concen: 19.649 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015915.D

Acq: 11 Oct 2023 11:21

Instrument :

MSVOA_Y

ClientSampleId :

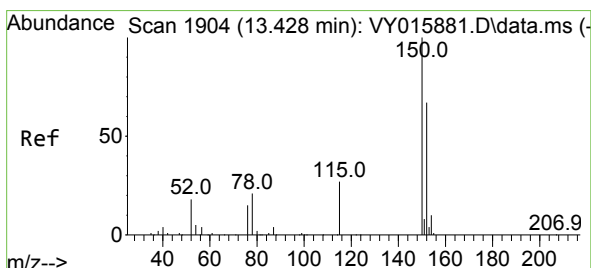
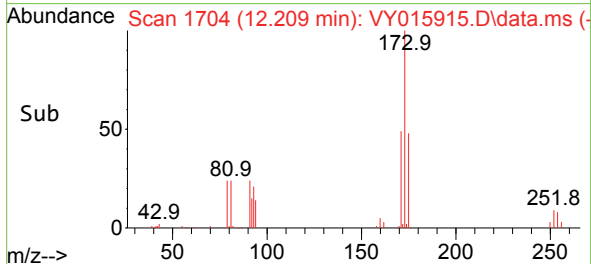
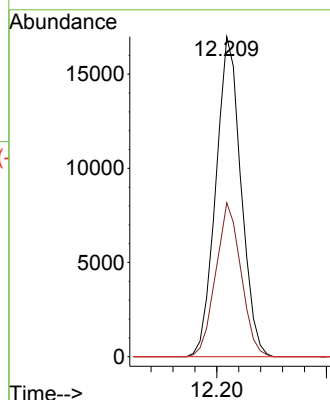
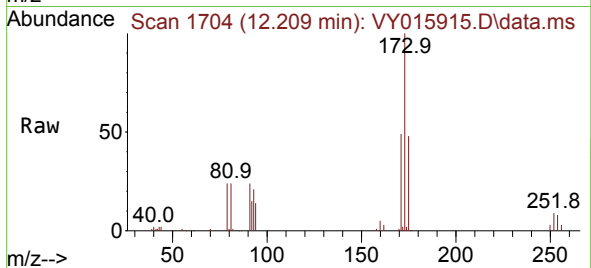
Tgt Ion:173 Resp: 27102

Ion Ratio Lower Upper

173 100

175 48.2 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY015915.D

Acq: 11 Oct 2023 11:21

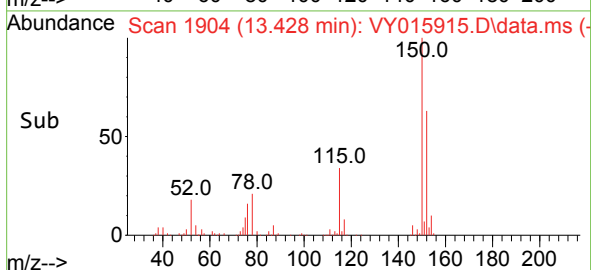
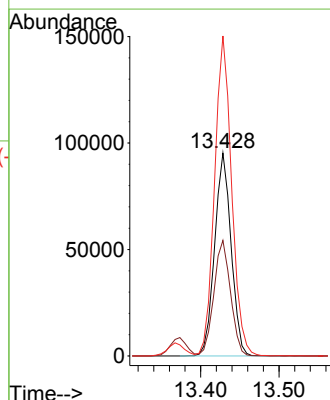
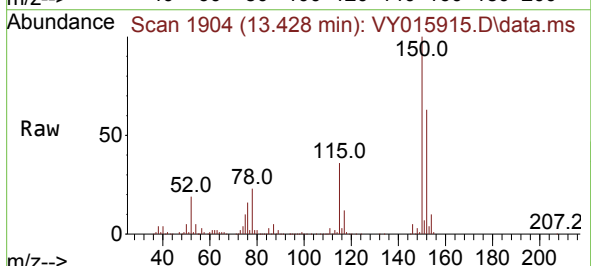
Tgt Ion:152 Resp: 139273

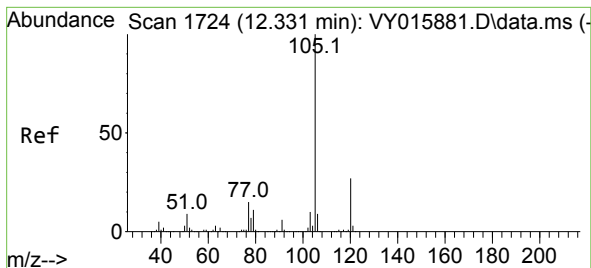
Ion Ratio Lower Upper

152 100

115 57.5 28.8 86.5

150 163.0 0.0 348.8





#73

Isopropylbenzene

Concen: 19.972 ug/l

RT: 12.331 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015915.D

Acq: 11 Oct 2023 11:21

Instrument :

MSVOA_Y

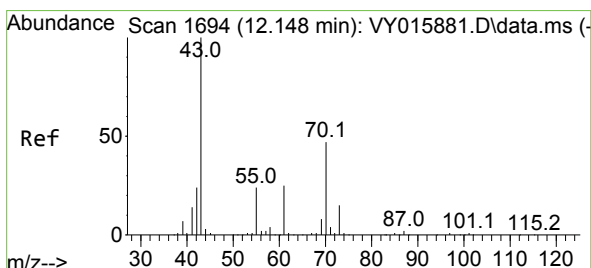
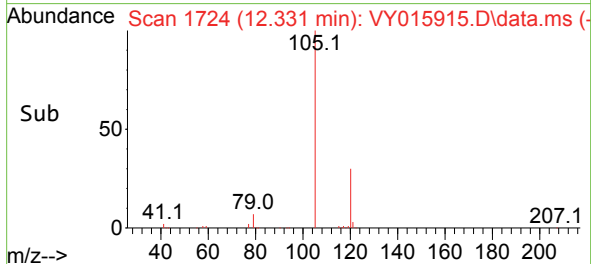
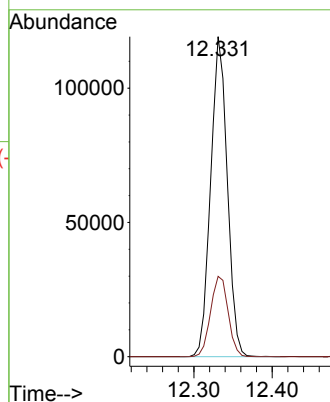
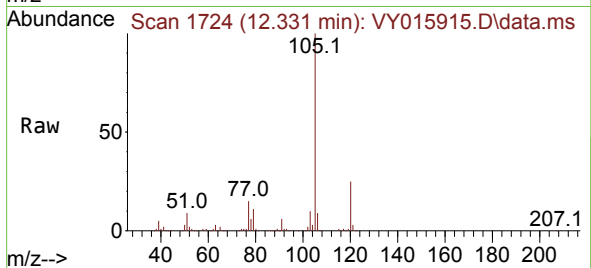
ClientSampleId :

Tgt Ion:105 Resp: 175465

Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.9



#74

N-ethyl acetate

Concen: 18.818 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.000 min

Lab File: VY015915.D

Acq: 11 Oct 2023 11:21

Tgt Ion: 43 Resp: 52101

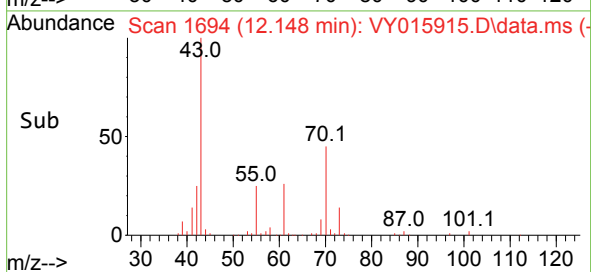
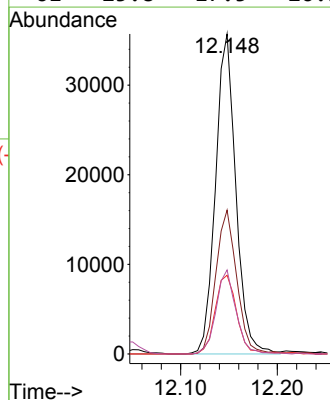
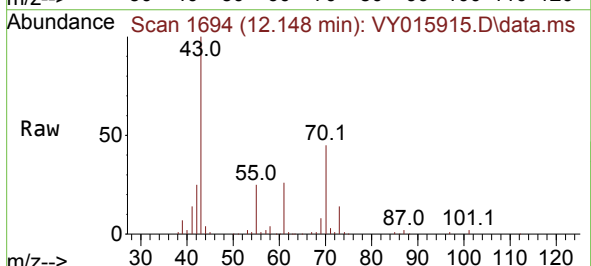
Ion Ratio Lower Upper

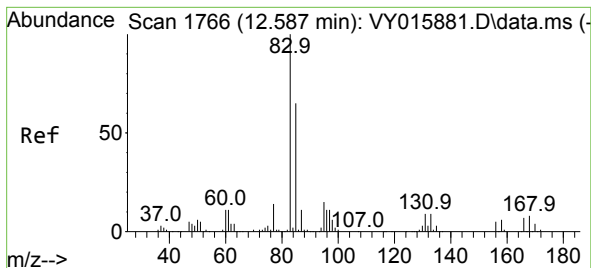
43 100

70 46.3 29.7 44.5#

55 26.4 18.3 27.5

61 25.8 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 19.268 ug/l

RT: 12.581 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY015915.D

Acq: 11 Oct 2023 11:21

Instrument :

MSVOA_Y

ClientSampleId :

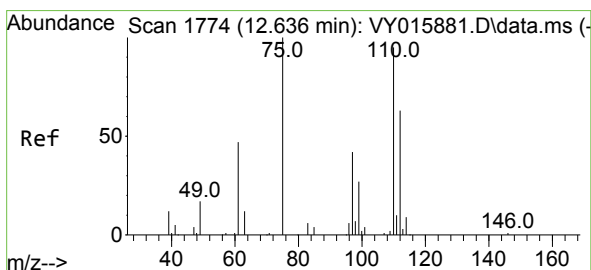
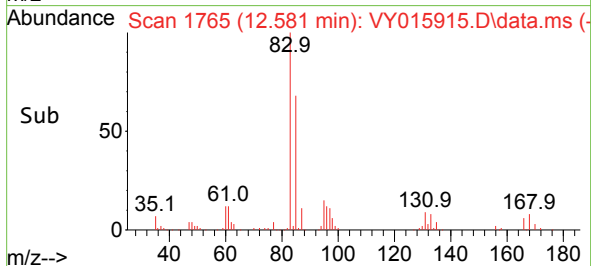
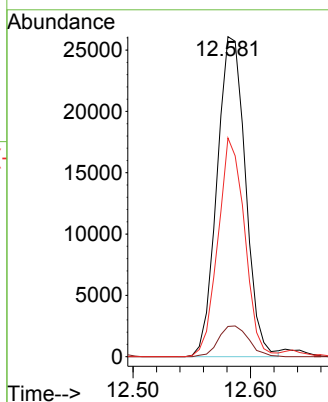
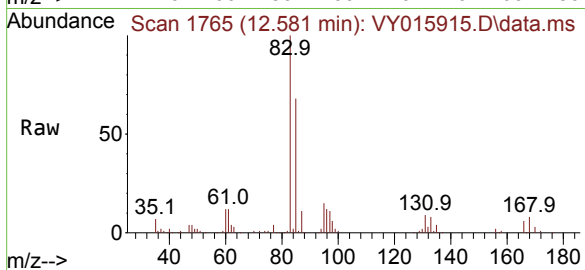
Tgt Ion: 83 Resp: 43893

Ion Ratio Lower Upper

83 100

131 10.2 5.4 16.2

85 64.2 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 33.239 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY015915.D

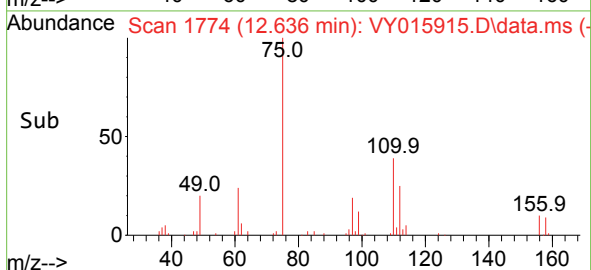
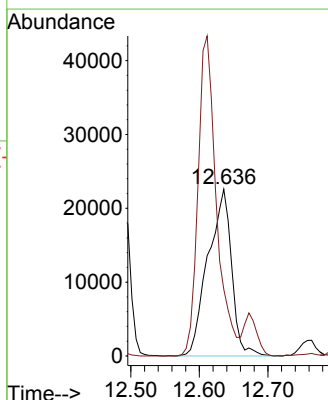
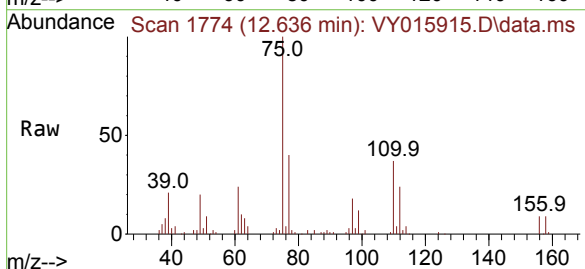
Acq: 11 Oct 2023 11:21

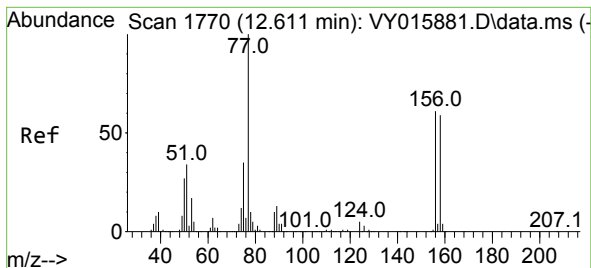
Tgt Ion: 75 Resp: 54041

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.992 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY015915.D

Acq: 11 Oct 2023 11:21

Instrument :

MSVOA_Y

ClientSampleId :

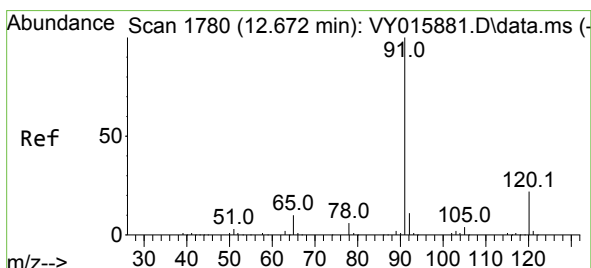
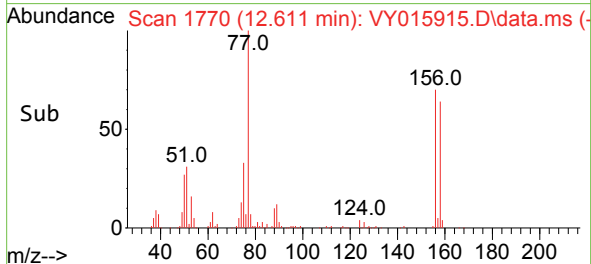
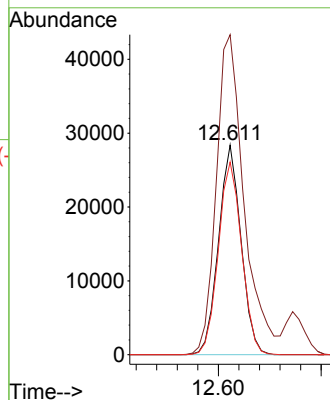
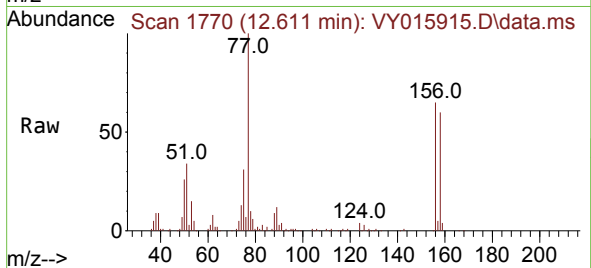
Tgt Ion:156 Resp: 43068

Ion Ratio Lower Upper

156 100

77 187.1 92.8 278.6

158 95.1 48.4 145.3



#78

n-propylbenzene

Concen: 20.002 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY015915.D

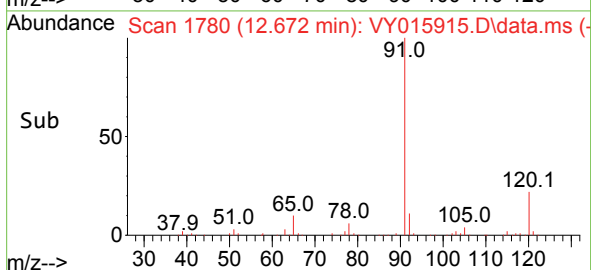
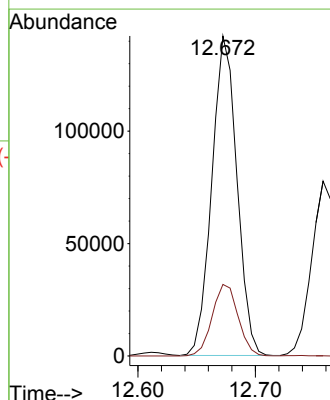
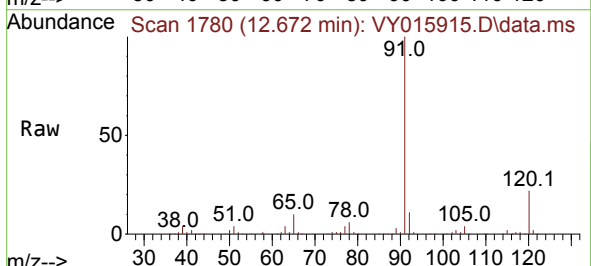
Acq: 11 Oct 2023 11:21

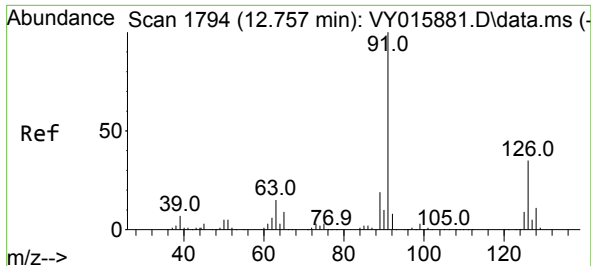
Tgt Ion: 91 Resp: 211327

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4

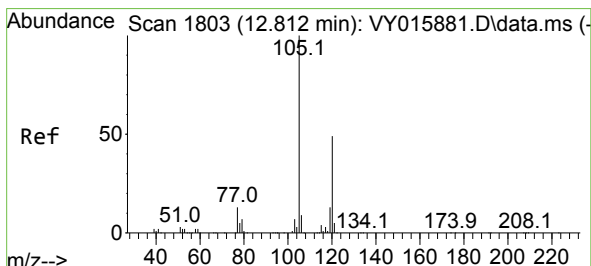
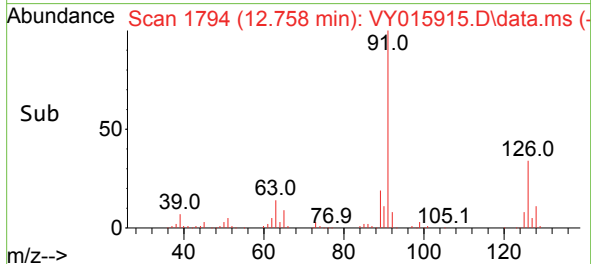
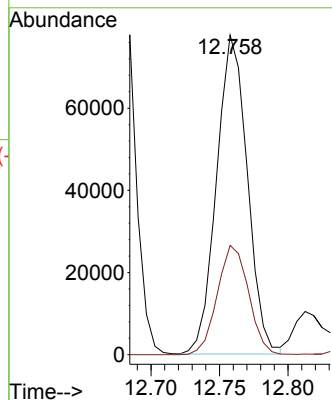
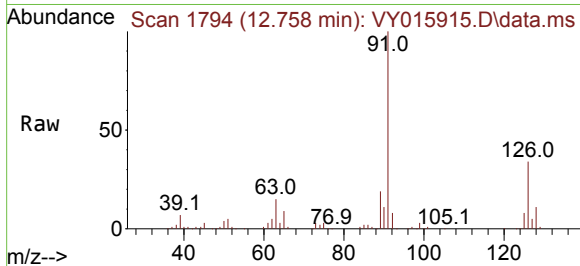




#79
2-Chlorotoluene
Concen: 20.172 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

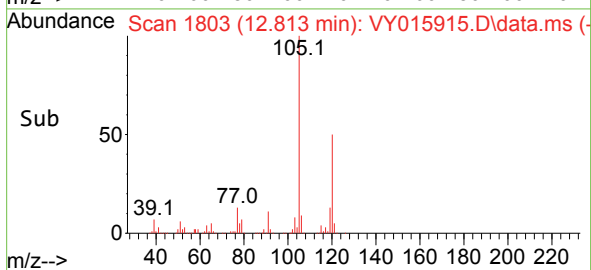
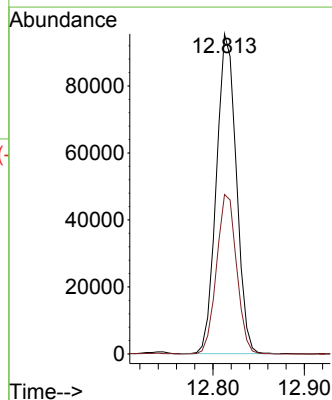
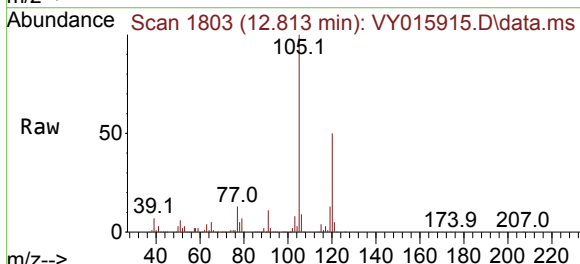
Instrument :
MSVOA_Y
ClientSampleId :

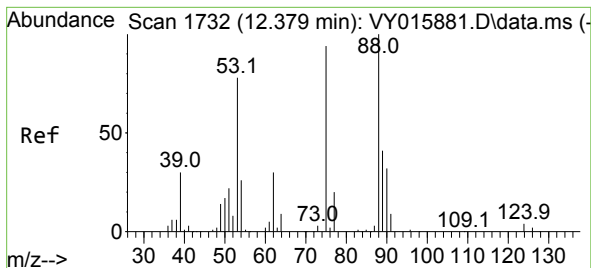
Tgt Ion: 91 Resp: 121400
Ion Ratio Lower Upper
91 100
126 34.8 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 19.923 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

Tgt Ion: 105 Resp: 144263
Ion Ratio Lower Upper
105 100
120 50.3 23.9 71.7

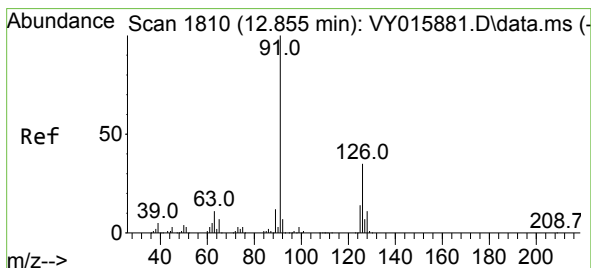
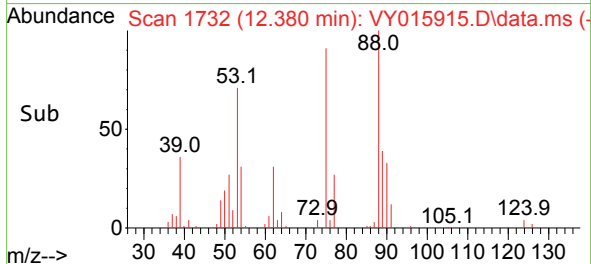
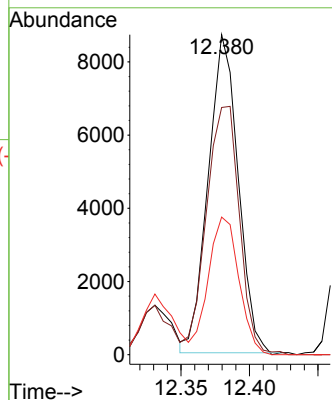
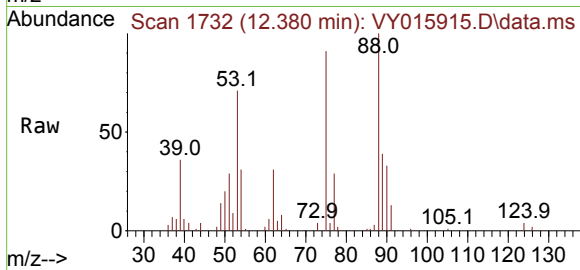




#81
trans-1,4-Dichloro-2-butene
Concen: 17.974 ug/l
RT: 12.380 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

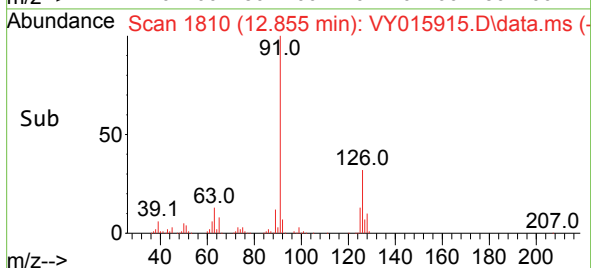
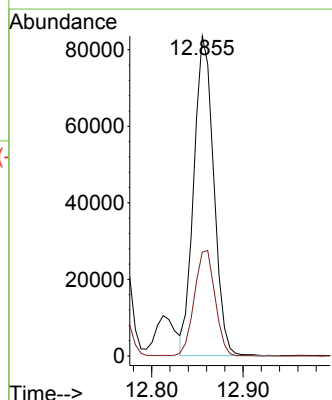
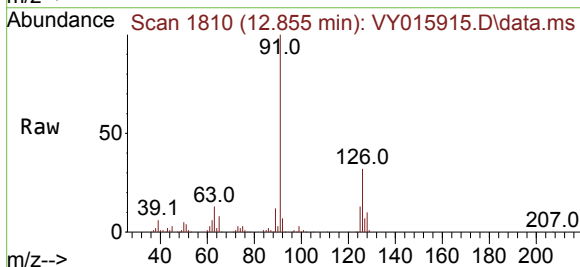
Instrument :
MSVOA_Y
ClientSampleId :

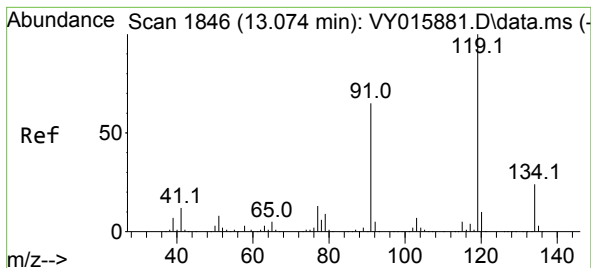
Tgt Ion: 75 Resp: 13178
Ion Ratio Lower Upper
75 100
53 86.6 77.8 116.8
89 44.4 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.099 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

Tgt Ion: 91 Resp: 126052
Ion Ratio Lower Upper
91 100
126 34.7 17.2 51.6

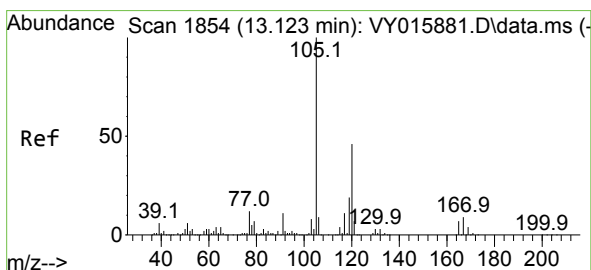
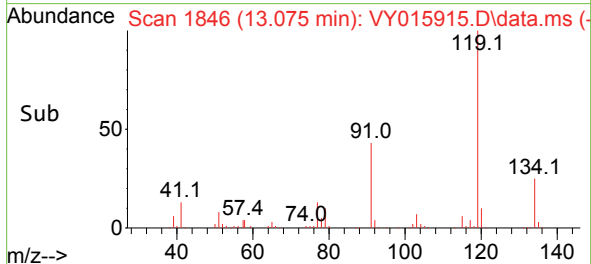
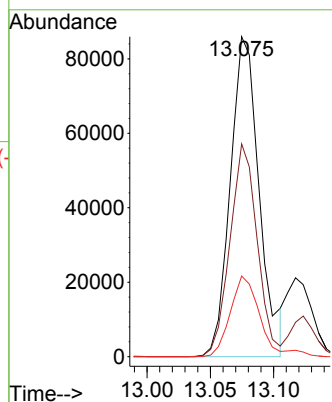
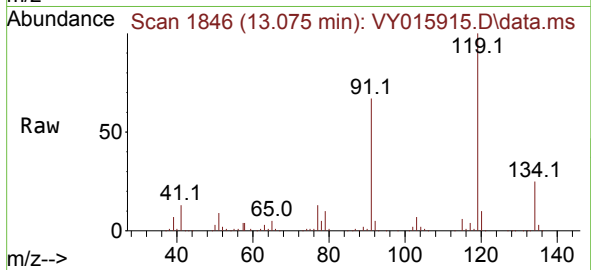




#83
 tert-Butylbenzene
 Concen: 20.226 ug/l
 RT: 13.075 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: VY015915.D
 Acq: 11 Oct 2023 11:21

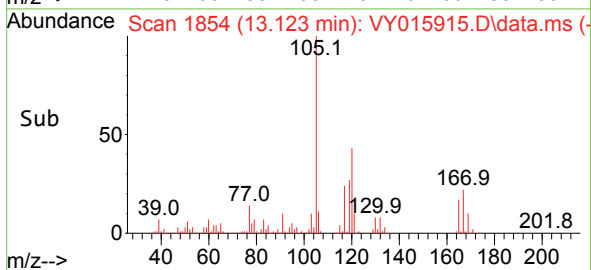
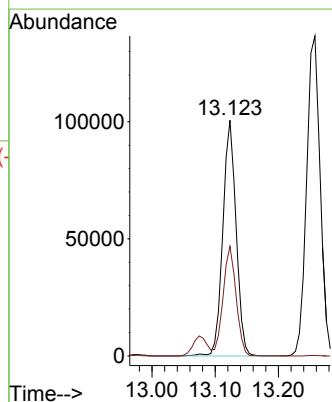
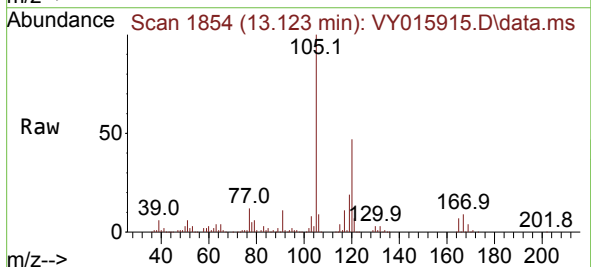
Instrument :
 MSVOA_Y
 ClientSampleId :

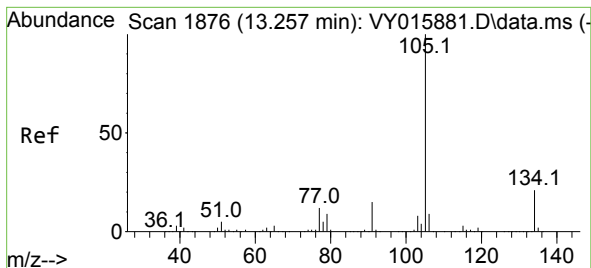
Tgt Ion:119 Resp: 136684
 Ion Ratio Lower Upper
 119 100
 91 62.8 32.9 98.6
 134 26.1 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 20.043 ug/l
 RT: 13.123 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: VY015915.D
 Acq: 11 Oct 2023 11:21

Tgt Ion:105 Resp: 146149
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.2 66.6





#85

sec-Butylbenzene

Concen: 20.416 ug/l

RT: 13.258 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY015915.D

Acq: 11 Oct 2023 11:21

Instrument :

MSVOA_Y

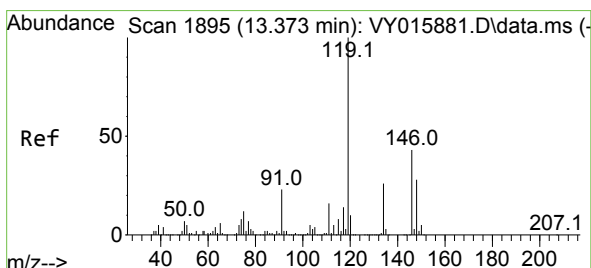
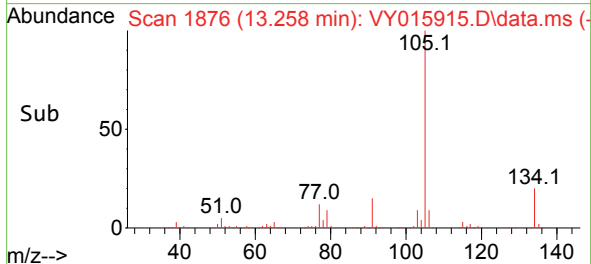
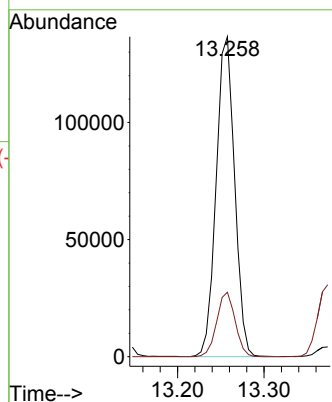
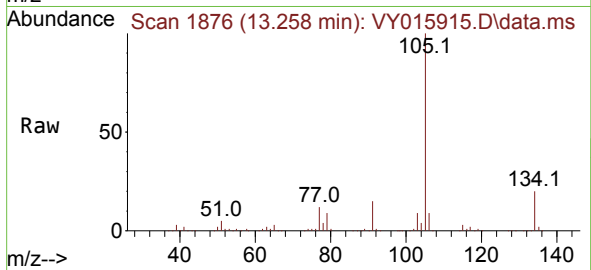
ClientSampleId :

Tgt Ion:105 Resp: 202326

Ion Ratio Lower Upper

105 100

134 20.1 10.2 30.6



#86

p-Isopropyltoluene

Concen: 20.197 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY015915.D

Acq: 11 Oct 2023 11:21

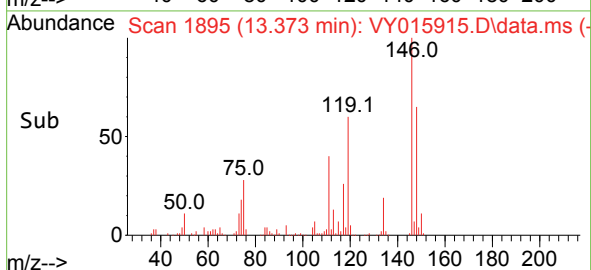
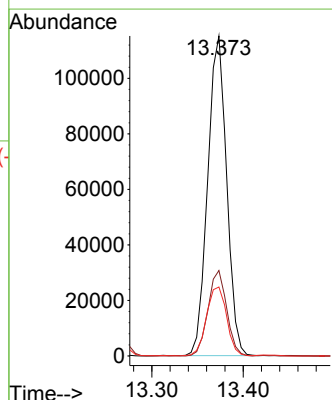
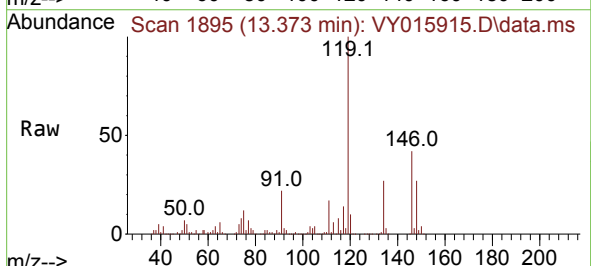
Tgt Ion:119 Resp: 165582

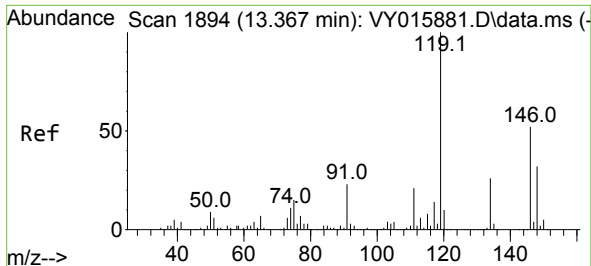
Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.8

91 22.8 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 19.649 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

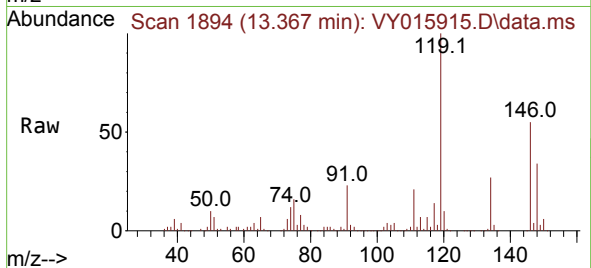
Lab File: VY015915.D

Acq: 11 Oct 2023 11:21

Instrument :

MSVOA_Y

ClientSampleId :



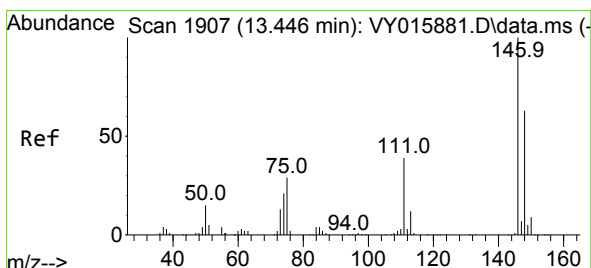
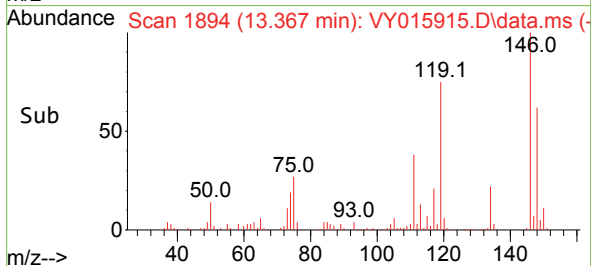
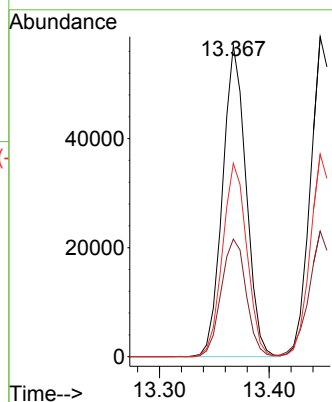
Tgt Ion:146 Resp: 85219

Ion Ratio Lower Upper

146 100

111 40.0 19.4 58.2

148 64.1 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 19.987 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY015915.D

Acq: 11 Oct 2023 11:21

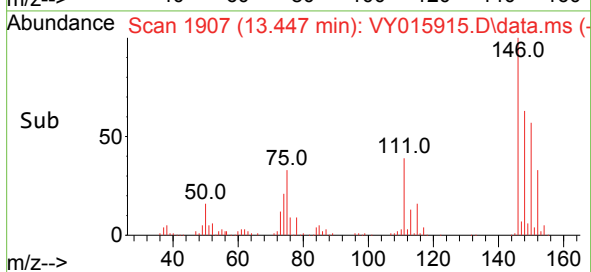
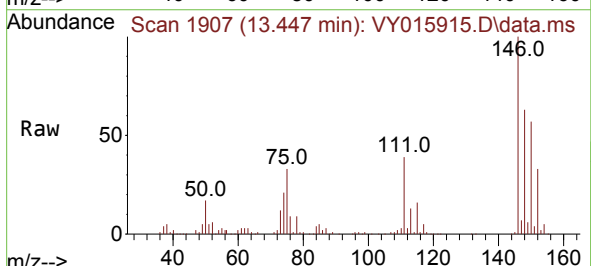
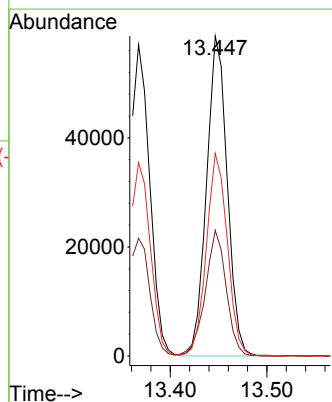
Tgt Ion:146 Resp: 87295

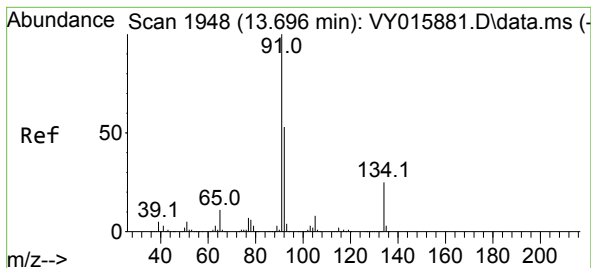
Ion Ratio Lower Upper

146 100

111 40.0 18.9 56.7

148 64.2 32.1 96.5





#89

n-Butylbenzene

Concen: 20.145 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY015915.D

Acq: 11 Oct 2023 11:21

Instrument :

MSVOA_Y

ClientSampleId :

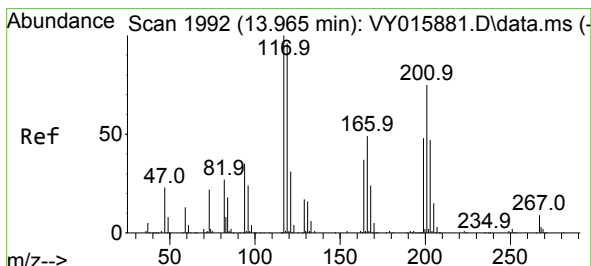
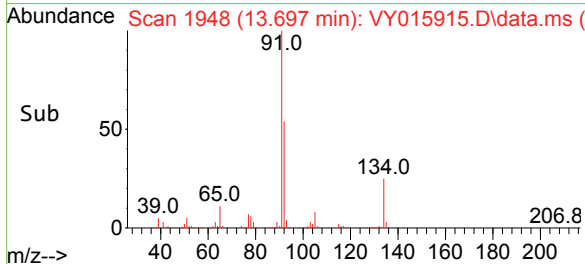
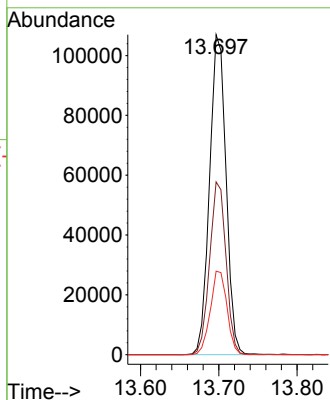
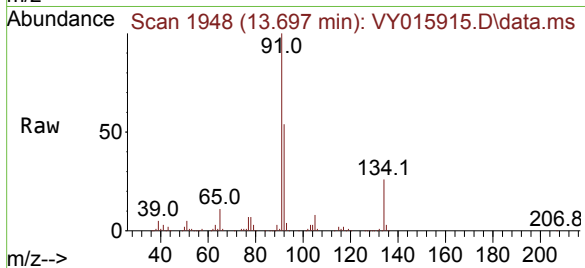
Tgt Ion: 91 Resp: 156292

Ion Ratio Lower Upper

91 100

92 53.7 25.4 76.0

134 26.4 12.6 37.6



#90

Hexachloroethane

Concen: 20.115 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.000 min

Lab File: VY015915.D

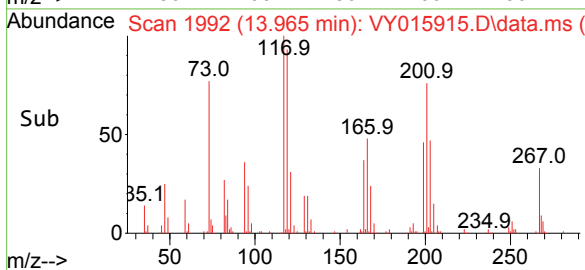
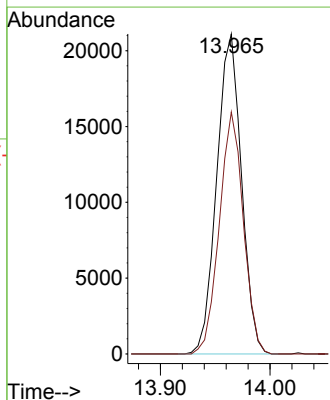
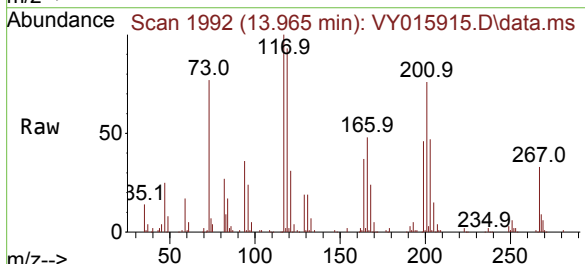
Acq: 11 Oct 2023 11:21

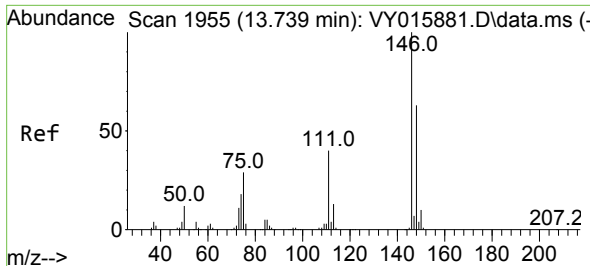
Tgt Ion: 117 Resp: 33095

Ion Ratio Lower Upper

117 100

201 73.4 41.6 124.8

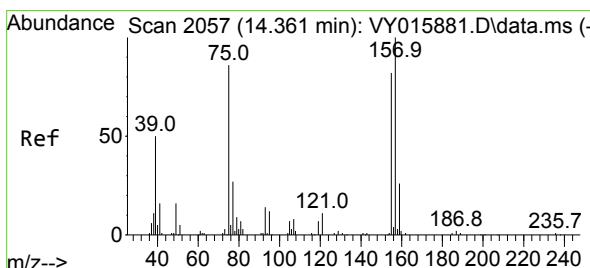
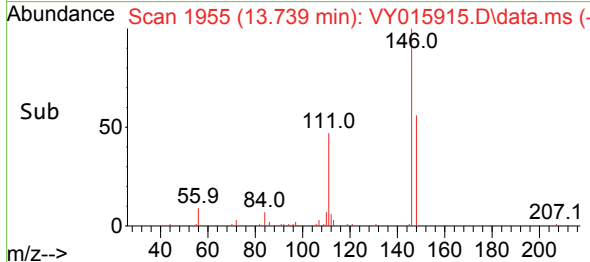
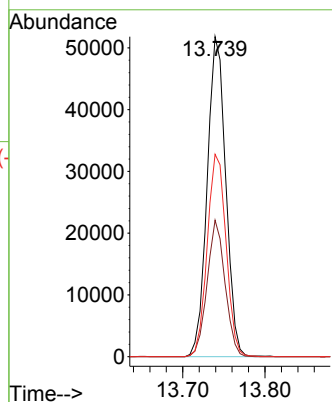
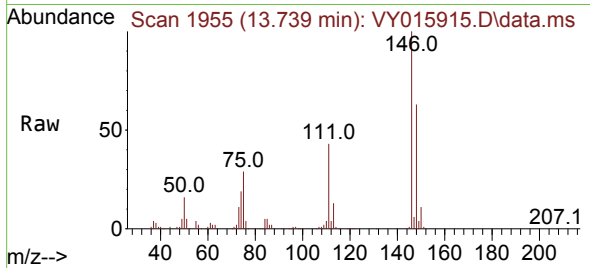




#91
1,2-Dichlorobenzene
Concen: 20.165 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

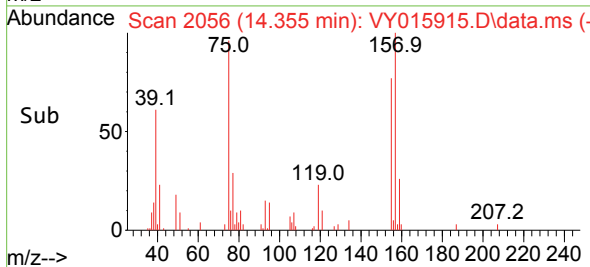
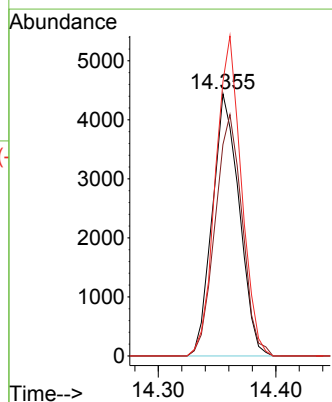
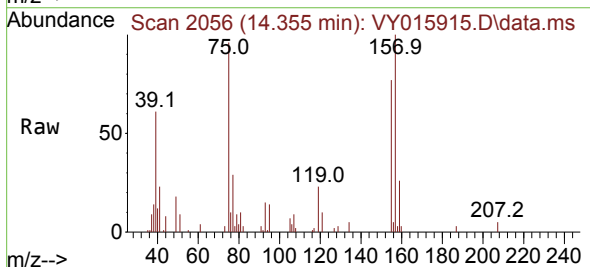
Instrument :
MSVOA_Y
ClientSampleId :

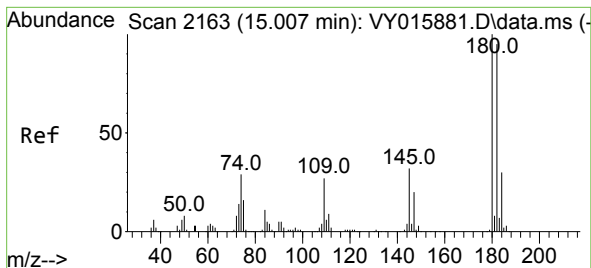
Tgt Ion:146 Resp: 81294
Ion Ratio Lower Upper
146 100
111 41.1 19.7 59.0
148 64.2 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.592 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

Tgt Ion: 75 Resp: 7038
Ion Ratio Lower Upper
75 100
155 93.1 41.5 124.6
157 117.5 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 19.647 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY015915.D

Acq: 11 Oct 2023 11:21

Instrument :

MSVOA_Y

ClientSampleId :

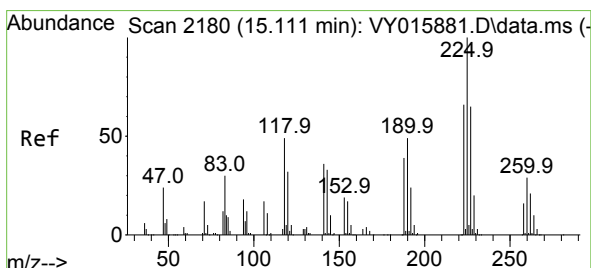
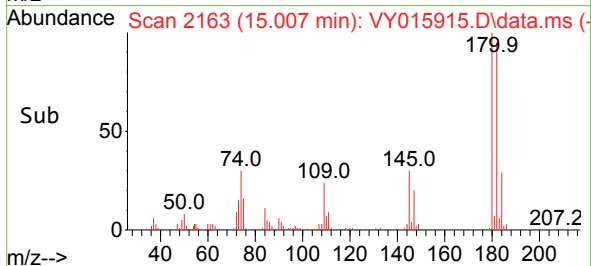
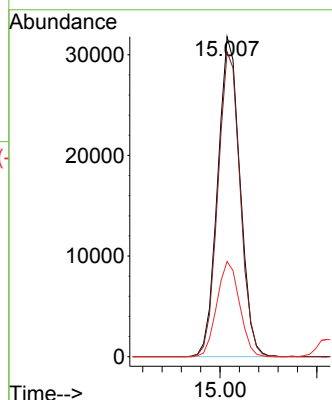
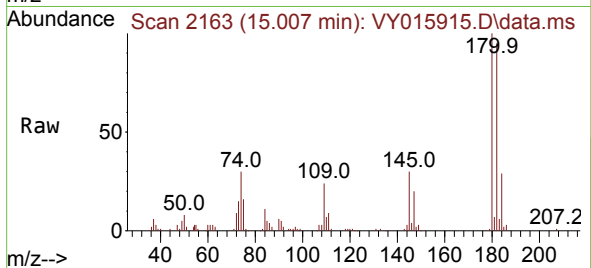
Tgt Ion:180 Resp: 50762

Ion Ratio Lower Upper

180 100

182 94.8 47.0 141.2

145 30.2 14.5 43.5



#94

Hexachlorobutadiene

Concen: 19.337 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY015915.D

Acq: 11 Oct 2023 11:21

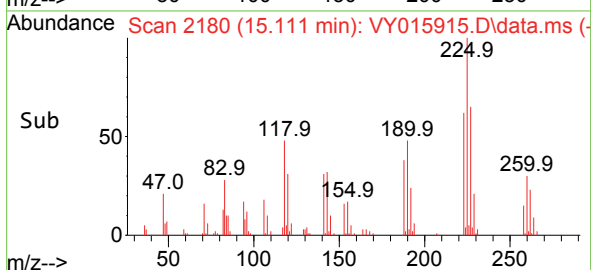
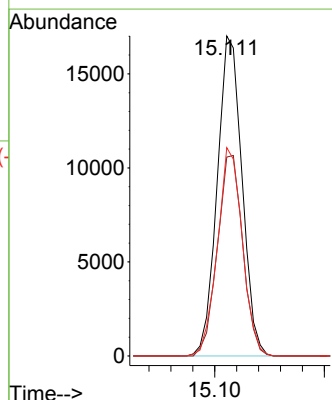
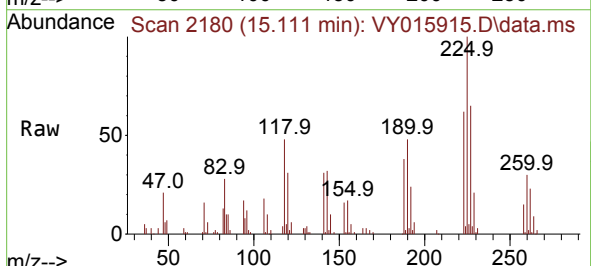
Tgt Ion:225 Resp: 26754

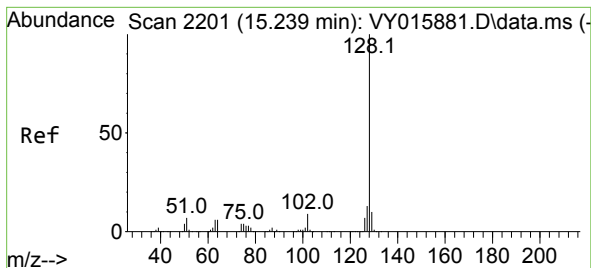
Ion Ratio Lower Upper

225 100

223 64.0 31.9 95.9

227 65.2 33.0 98.9





#95

Naphthalene

Concen: 18.007 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY015915.D

Acq: 11 Oct 2023 11:21

Instrument :

MSVOA_Y

ClientSampleId :

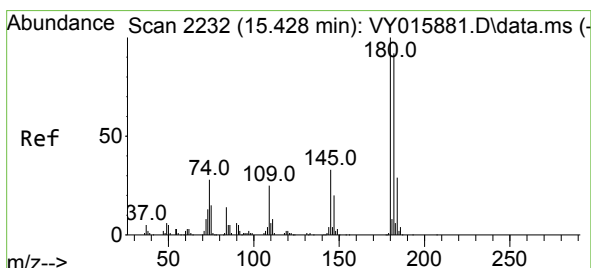
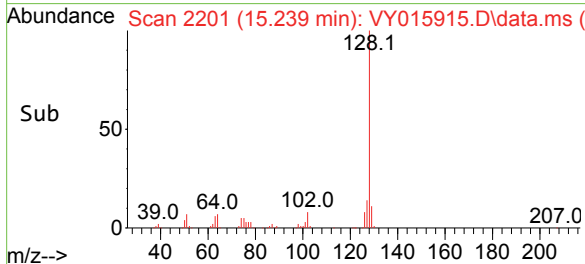
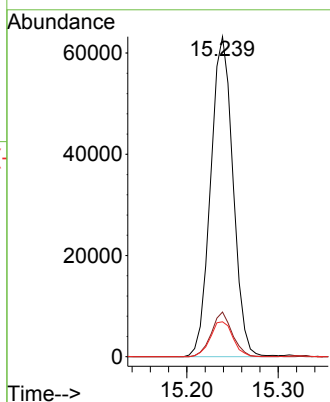
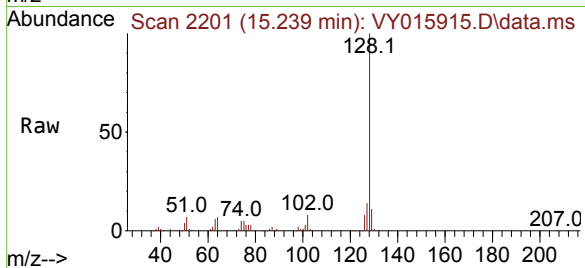
Tgt Ion:128 Resp: 107629

Ion Ratio Lower Upper

128 100

127 13.1 10.8 16.2

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.570 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY015915.D

Acq: 11 Oct 2023 11:21

Tgt Ion:180 Resp: 44977

Ion Ratio Lower Upper

180 100

182 93.6 47.3 141.8

145 32.6 15.4 46.2

