

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081523\
 Data File : VY015119.D
 Acq On : 15 Aug 2023 21:46
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 16 01:33:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	196611	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	314400	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	290141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	151269	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	123109	52.162	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.320%	
35) Dibromofluoromethane	7.722	113	108178	53.483	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.960%	
50) Toluene-d8	10.179	98	392919	52.184	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.360%	
62) 4-Bromofluorobenzene	12.483	95	145746	52.996	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.000%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	42648	50.726	ug/l	96
3) Chloromethane	2.113	50	62044	53.075	ug/l	100
4) Vinyl Chloride	2.247	62	78325	50.064	ug/l	96
5) Bromomethane	2.637	94	61566	57.365	ug/l	99
6) Chloroethane	2.784	64	59968	52.795	ug/l	96
7) Trichlorofluoromethane	3.119	101	131817	50.003	ug/l	96
8) Diethyl Ether	3.527	74	52607	50.883	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.893	101	81805	49.930	ug/l	97
10) Methyl Iodide	4.082	142	81945	50.936	ug/l	99
11) Tert butyl alcohol	4.966	59	94585	242.964	ug/l #	95
12) 1,1-Dichloroethene	3.869	96	67318	49.205	ug/l	90
13) Acrolein	3.729	56	36988	241.945	ug/l	100
14) Allyl chloride	4.472	41	113114	46.633	ug/l	96
15) Acrylonitrile	5.161	53	189067	269.848	ug/l	100
16) Acetone	3.948	43	160145	207.706	ug/l	95
17) Carbon Disulfide	4.192	76	115713	48.060	ug/l	100
18) Methyl Acetate	4.479	43	167347	59.228	ug/l	91
19) Methyl tert-butyl Ether	5.222	73	300287	51.621	ug/l	100
20) Methylene Chloride	4.710	84	99859	54.398	ug/l	89
21) trans-1,2-Dichloroethene	5.216	96	77118	49.973	ug/l	94
22) Diisopropyl ether	6.125	45	296074	48.918	ug/l #	91
23) Vinyl Acetate	6.058	43	865621	239.686	ug/l #	95
24) 1,1-Dichloroethane	6.021	63	163383	49.861	ug/l	97
25) 2-Butanone	6.990	43	272530	249.643	ug/l	95
26) 2,2-Dichloropropane	6.978	77	127499	40.363	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	106130	50.346	ug/l	92
28) Bromochloromethane	7.338	49	74465	49.464	ug/l	91
29) Tetrahydrofuran	7.350	42	174627	267.520	ug/l	90
30) Chloroform	7.508	83	187409	51.019	ug/l	98
31) Cyclohexane	7.789	56	104992	49.793	ug/l	90
32) 1,1,1-Trichloroethane	7.704	97	157487	50.383	ug/l	99
36) 1,1-Dichloropropene	7.917	75	112090	50.092	ug/l	98
37) Ethyl Acetate	7.076	43	107577	51.576	ug/l	96
38) Carbon Tetrachloride	7.905	117	138079	52.139	ug/l	98
39) Methylcyclohexane	9.185	83	126296	50.347	ug/l	92
40) Benzene	8.161	78	349403	51.646	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	160189	148.938	ug/l #	30
42) 1,2-Dichloroethane	8.240	62	131626	53.572	ug/l	96
43) Isopropyl Acetate	8.277	43	196599	51.759	ug/l	97
44) Trichloroethene	8.941	130	102675	52.679	ug/l	96
45) 1,2-Dichloropropane	9.216	63	97572	51.146	ug/l	99
46) Dibromomethane	9.307	93	65779	54.670	ug/l	97
47) Bromodichloromethane	9.496	83	153562	53.484	ug/l	98
48) Methyl methacrylate	9.295	41	87983	54.148	ug/l	92
49) 1,4-Dioxane	9.301	88	25868	1075.143	ug/l #	50
51) 4-Methyl-2-Pentanone	10.069	43	618185	280.818	ug/l	94
52) Toluene	10.246	92	231095	51.825	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	151766	50.297	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	160659	50.556	ug/l	93
55) 1,1,2-Trichloroethane	10.648	97	98574	53.880	ug/l	95
56) Ethyl methacrylate	10.508	69	144098	53.819	ug/l	91
57) 1,3-Dichloropropane	10.788	76	159675	53.421	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	323930	259.971	ug/l	92
59) 2-Hexanone	10.831	43	454738	279.109	ug/l	92
60) Dibromochloromethane	10.983	129	119899	54.941	ug/l	100
61) 1,2-Dibromoethane	11.087	107	94232	54.220	ug/l	99
64) Tetrachloroethene	10.721	164	113633	56.215	ug/l	97
65) Chlorobenzene	11.514	112	270626	51.193	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	113929	53.114	ug/l	100
67) Ethyl Benzene	11.593	91	470313	50.777	ug/l	98
68) m/p-Xylenes	11.703	106	356277	101.277	ug/l	97
69) o-Xylene	12.032	106	181356	51.751	ug/l	97
70) Styrene	12.044	104	316112	52.118	ug/l	97
71) Bromoform	12.209	173	83775	53.877	ug/l #	100
73) Isopropylbenzene	12.331	105	488509	50.221	ug/l	100
74) N-amyl acetate	12.142	43	175720	50.035	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	133731	52.788	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	171122	93.112	ug/l #	100
77) Bromobenzene	12.611	156	121481	51.236	ug/l	97
78) n-propylbenzene	12.672	91	575382	49.813	ug/l	99
79) 2-Chlorotoluene	12.758	91	334442	50.191	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	410119	50.581	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	41411	49.493	ug/l	98
82) 4-Chlorotoluene	12.855	91	348905	50.682	ug/l	99
83) tert-Butylbenzene	13.075	119	372957	50.288	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	409896	50.591	ug/l	98
85) sec-Butylbenzene	13.251	105	552336	50.829	ug/l	100
86) p-Isopropyltoluene	13.367	119	457315	50.760	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	239275	50.880	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	241588	51.218	ug/l	98
89) n-Butylbenzene	13.696	91	425144	50.049	ug/l	97
90) Hexachloroethane	13.959	117	91247	51.053	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	227533	51.791	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	27705	56.453	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	145716	51.664	ug/l	99
94) Hexachlorobutadiene	15.111	225	78111	50.914	ug/l	98
95) Naphthalene	15.233	128	384482	54.723	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	138025	54.187	ug/l	99

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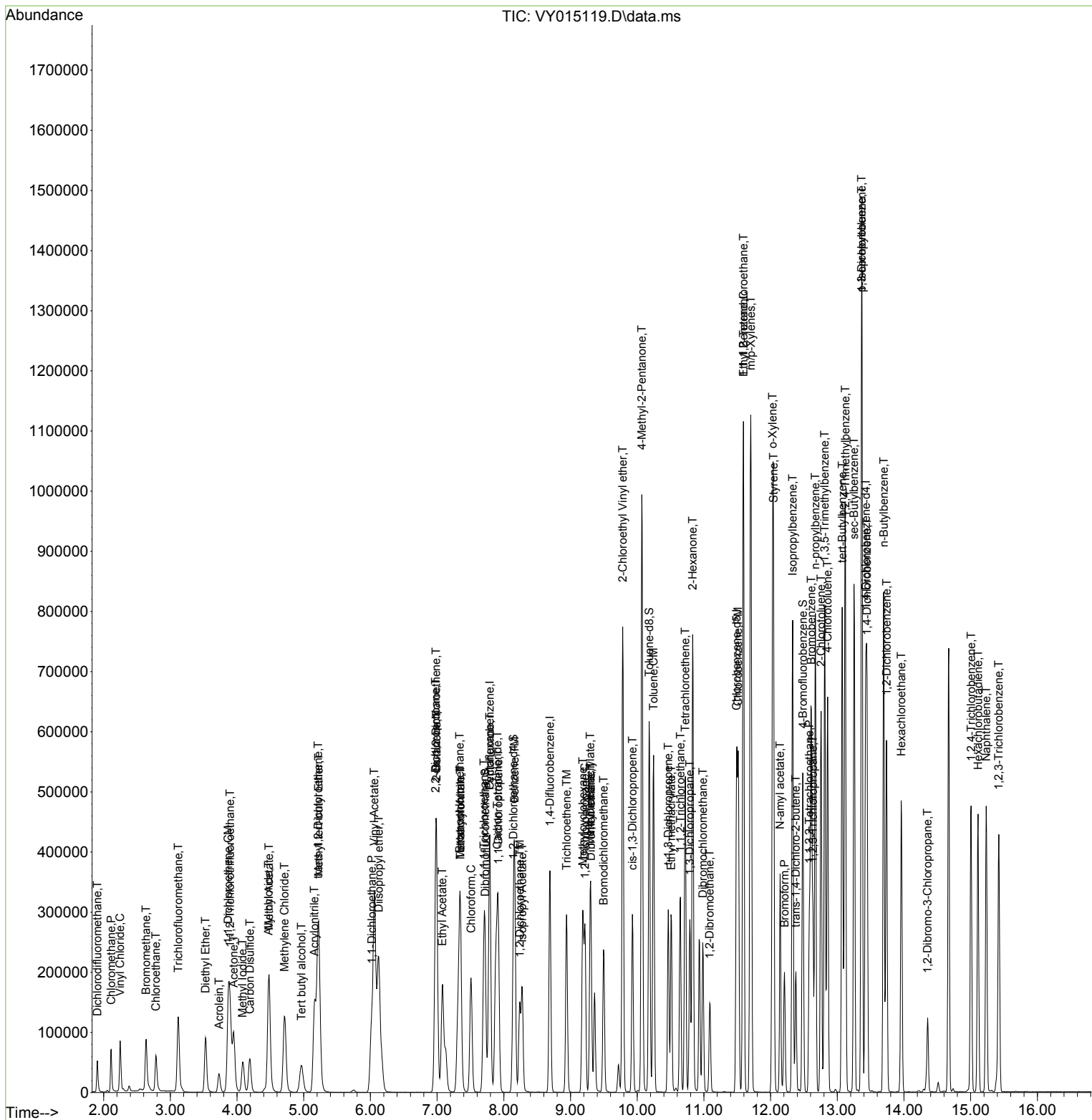
Instrument :
MSVOA_Y
ClientSampleId :

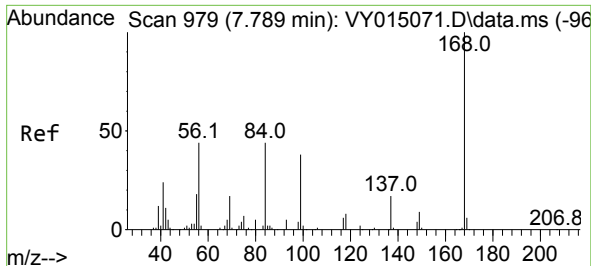
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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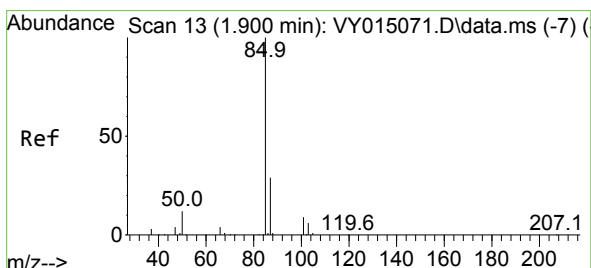
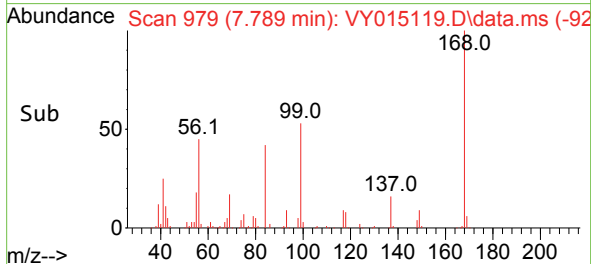
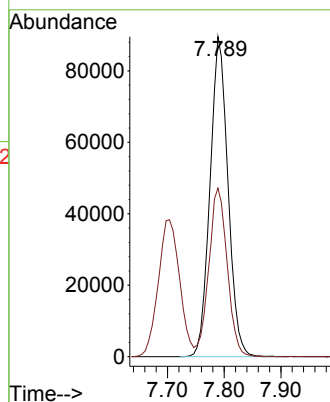
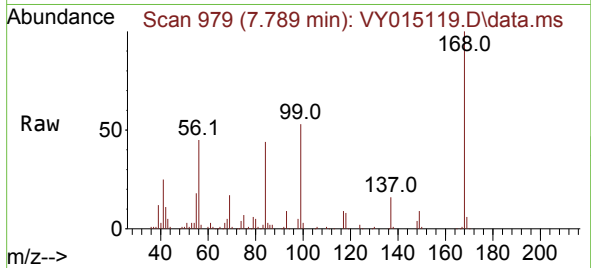




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015119.D
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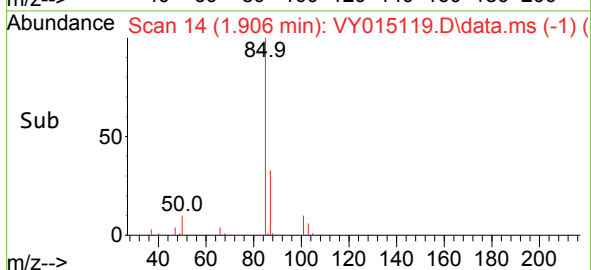
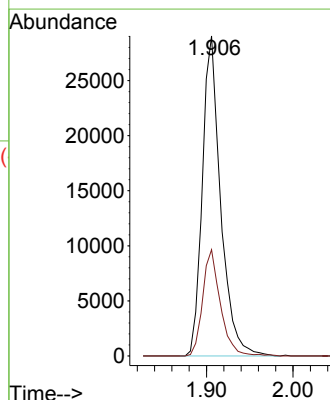
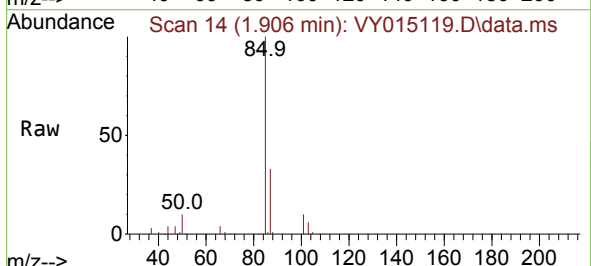
Instrument :
MSVOA_Y
ClientSampleId :

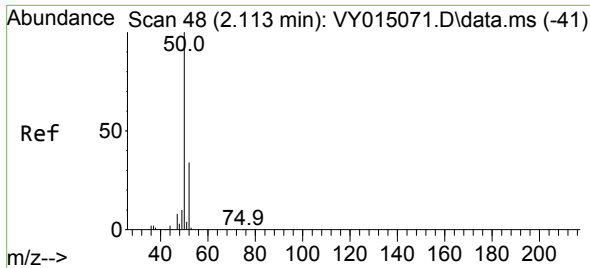
Tgt Ion:168 Resp: 196611
Ion Ratio Lower Upper
168 100
99 52.6 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 50.726 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY015119.D
Acq: 15 Aug 2023 21:46

Tgt Ion: 85 Resp: 42648
Ion Ratio Lower Upper
85 100
87 33.2 15.6 46.8

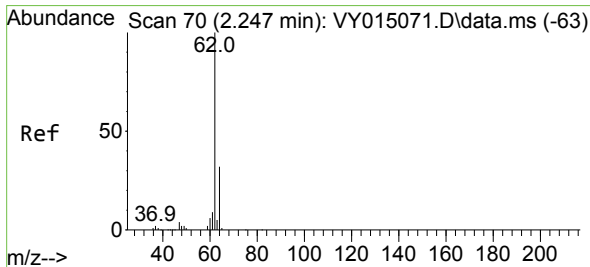
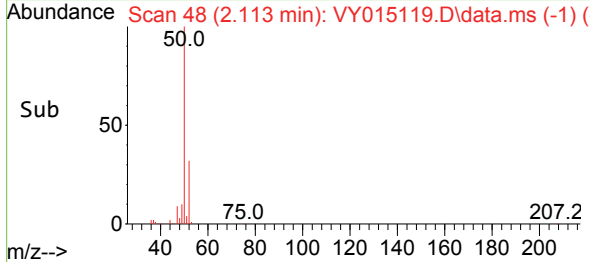
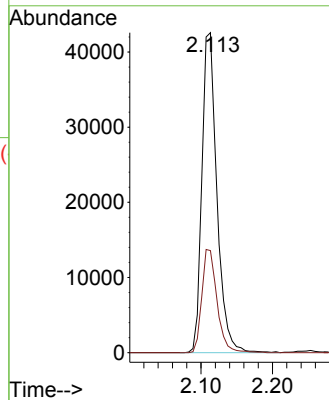
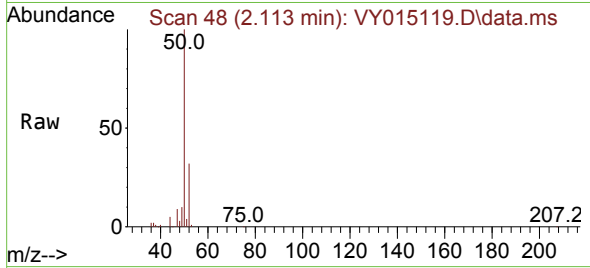




#3
Chloromethane
Concen: 53.075 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY015119.D
Acq: 15 Aug 2023 21:46

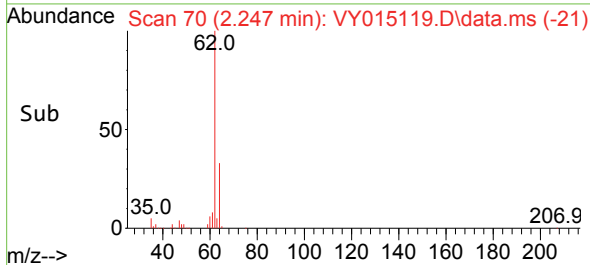
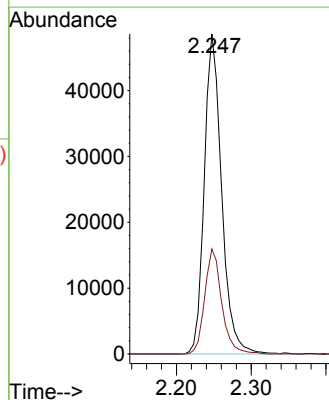
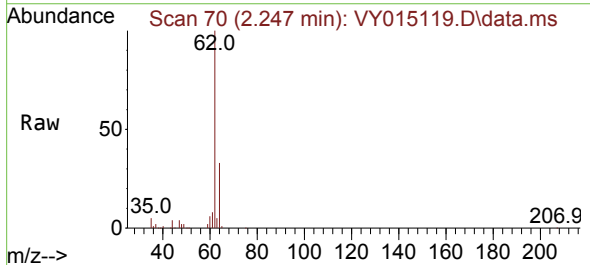
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MSVOA_Y
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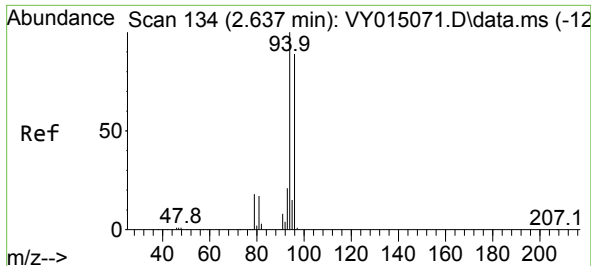
Tgt Ion: 50 Resp: 62044
Ion Ratio Lower Upper
50 100
52 31.9 25.4 38.2



#4
Vinyl Chloride
Concen: 50.064 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY015119.D
Acq: 15 Aug 2023 21:46

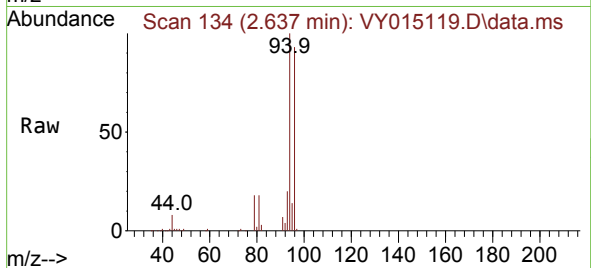
Tgt Ion: 62 Resp: 78325
Ion Ratio Lower Upper
62 100
64 32.8 24.3 36.5



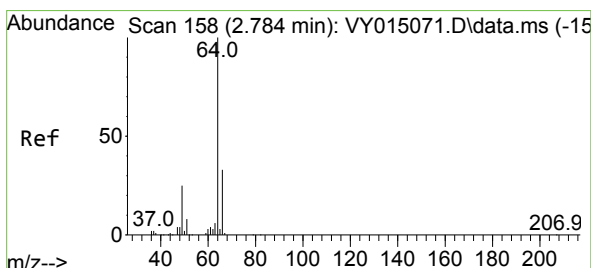
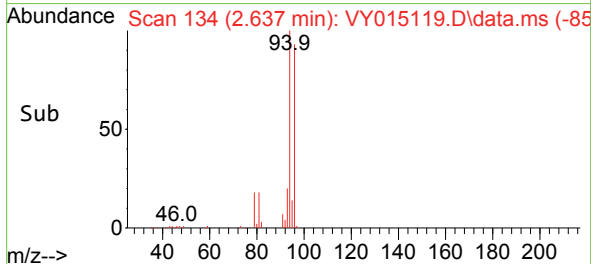
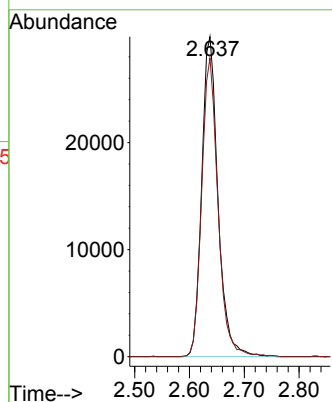


#5
Bromomethane
Concen: 57.365 ug/l
RT: 2.637 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015119.D
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MSVOA_Y
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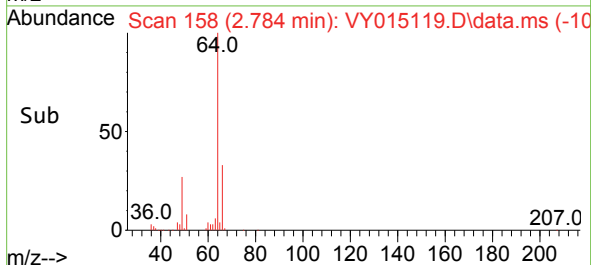
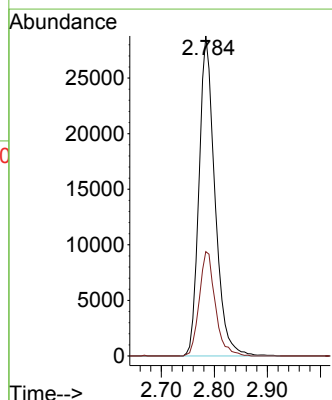
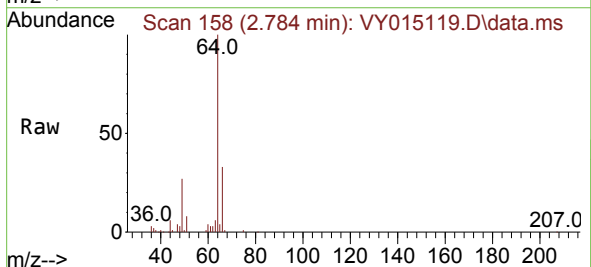


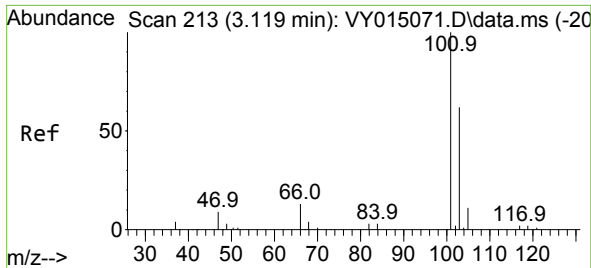
Tgt Ion: 94 Resp: 61566
Ion Ratio Lower Upper
94 100
96 93.4 75.8 113.6



#6
Chloroethane
Concen: 52.795 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY015119.D
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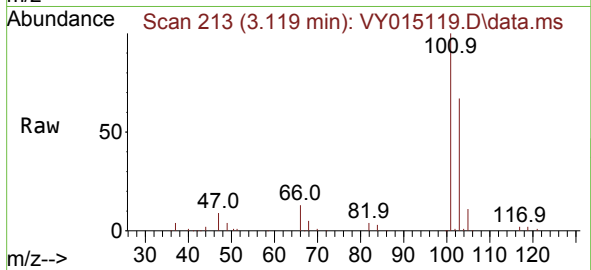
Tgt Ion: 64 Resp: 59968
Ion Ratio Lower Upper
64 100
66 32.6 24.4 36.6



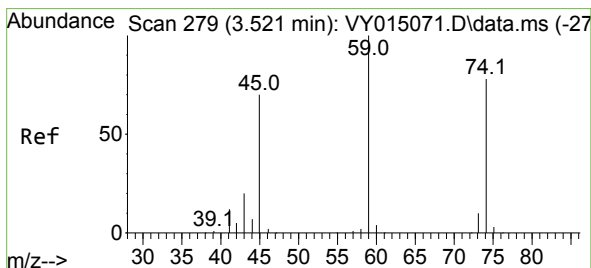
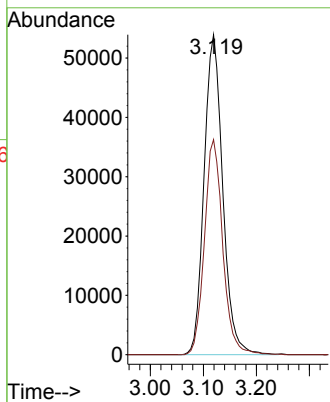
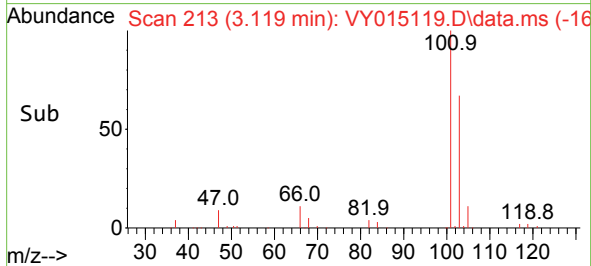


#7
 Trichlorofluoromethane
 Concen: 50.003 ug/l
 RT: 3.119 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY015119.D
 Acq: 15 Aug 2023 21:46

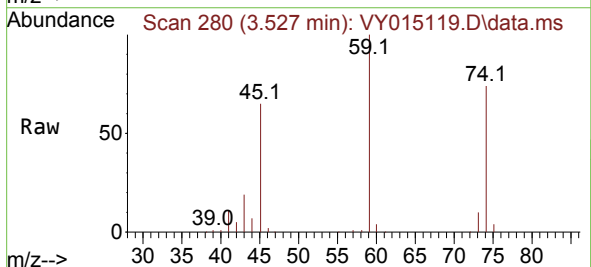
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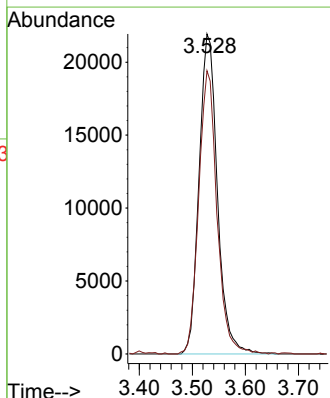
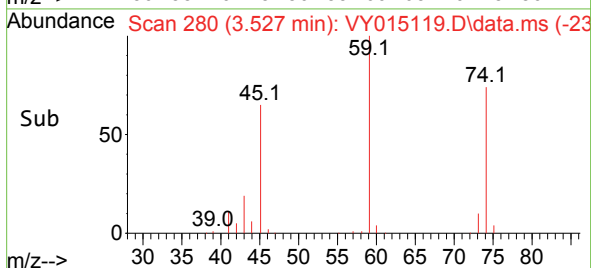
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 Ion Ratio Lower Upper
 101 100
 103 67.2 51.4 77.0

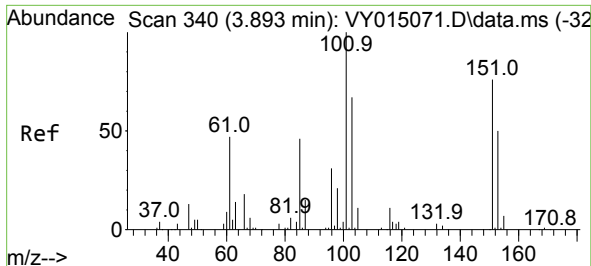


#8
 Diethyl Ether
 Concen: 50.883 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 52607
 Ion Ratio Lower Upper
 74 100
 45 88.4 51.5 154.5

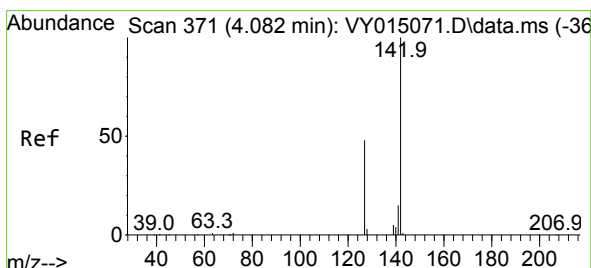
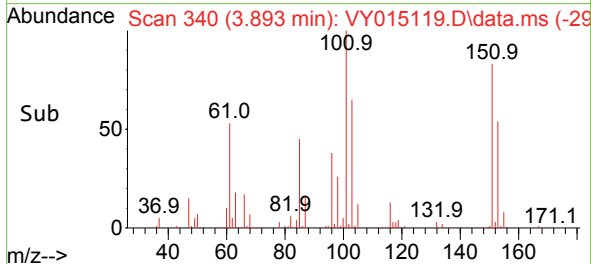
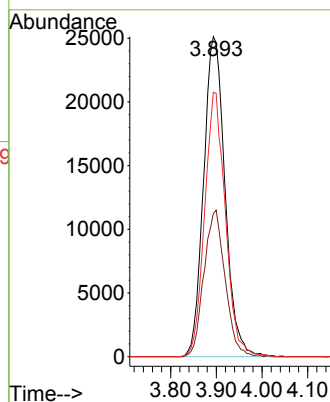
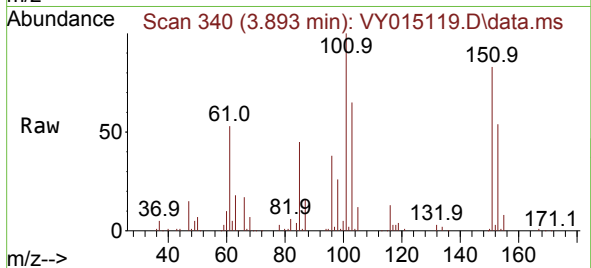




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.930 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY015119.D
Acq: 15 Aug 2023 21:46

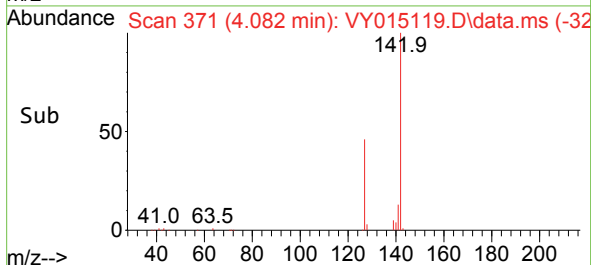
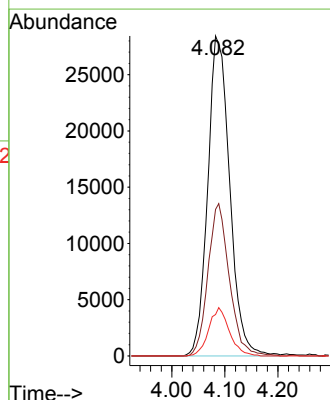
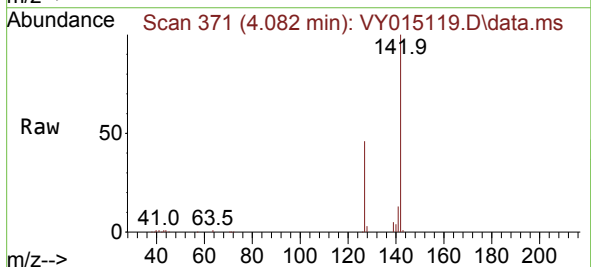
Instrument :
MSVOA_Y
ClientSampleId :

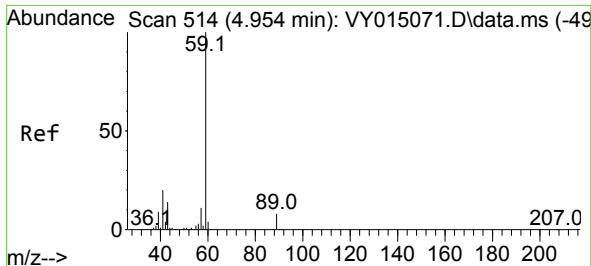
Tgt Ion:101 Resp: 81805
Ion Ratio Lower Upper
101 100
85 45.3 36.6 55.0
151 80.0 67.0 100.6



#10
Methyl Iodide
Concen: 50.936 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY015119.D
Acq: 15 Aug 2023 21:46

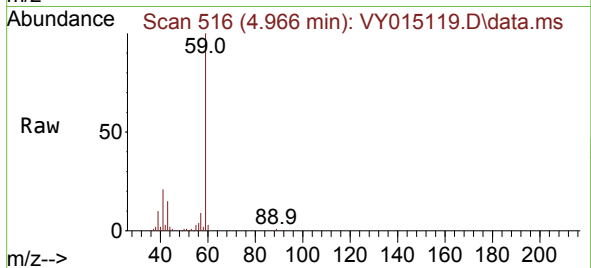
Tgt Ion:142 Resp: 81945
Ion Ratio Lower Upper
142 100
127 46.2 37.6 56.4
141 14.2 11.8 17.8



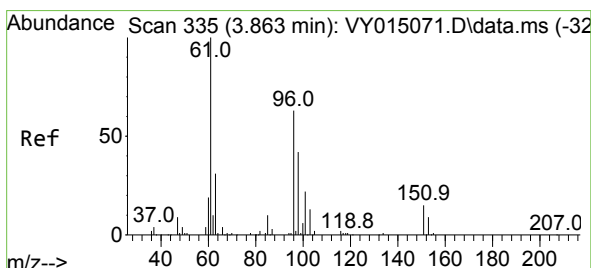
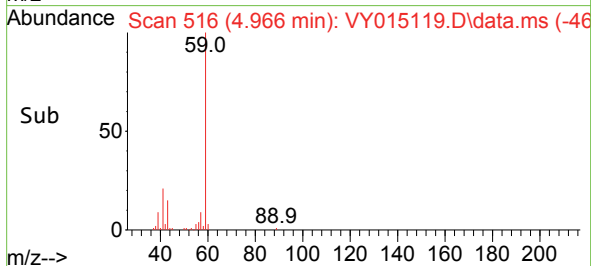
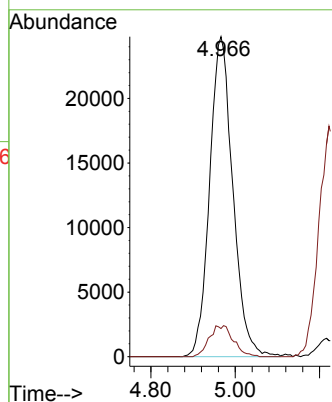


#11
Tert butyl alcohol
Concen: 242.964 ug/l
RT: 4.966 min Scan# 514
Delta R.T. 0.018 min
Lab File: VY015119.D
Acq: 15 Aug 2023 21:46

Instrument :
MSVOA_Y
ClientSampleId :

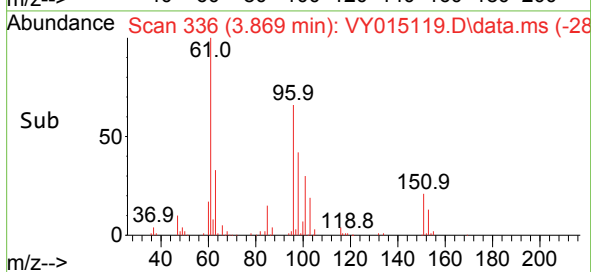
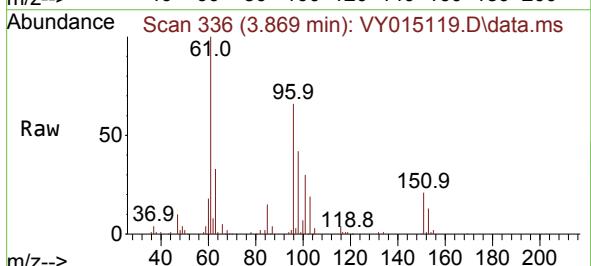
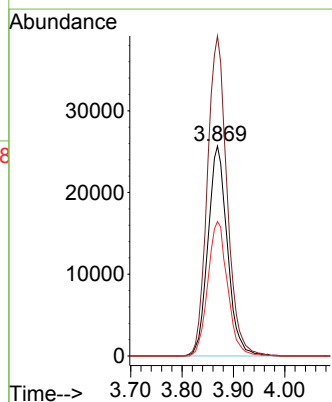


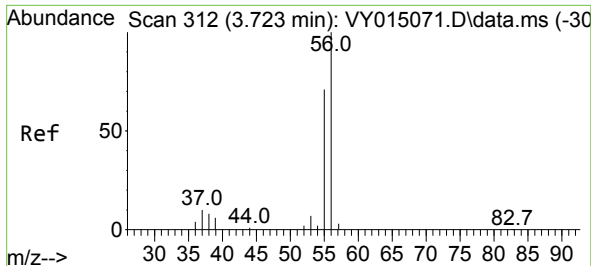
Tgt Ion: 59 Resp: 94585
Ion Ratio Lower Upper
59 100
57 5.3 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 49.205 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY015119.D
Acq: 15 Aug 2023 21:46

Tgt Ion: 96 Resp: 67318
Ion Ratio Lower Upper
96 100
61 152.5 136.4 204.6
98 64.0 49.4 74.2

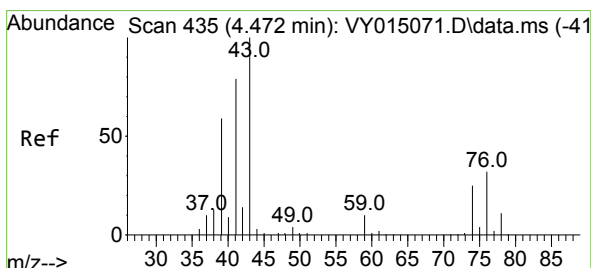
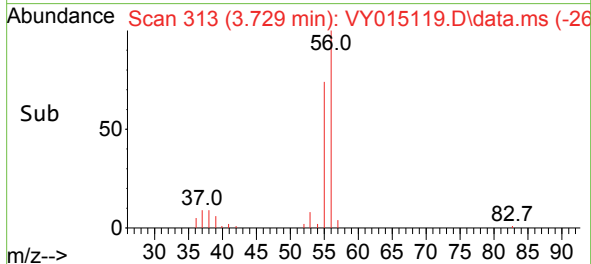
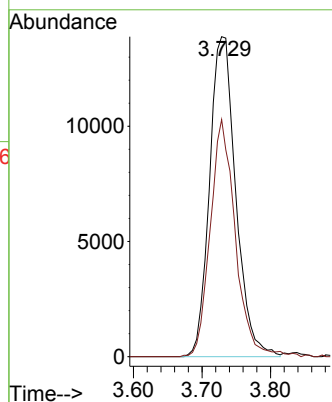
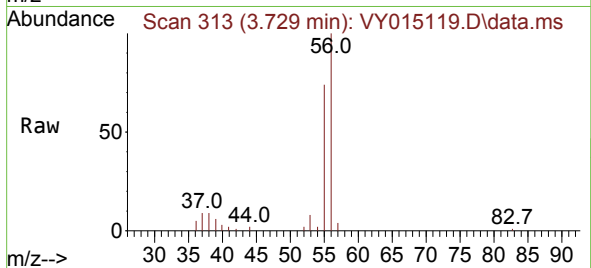




#13
Acrolein
Concen: 241.945 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY015119.D
Acq: 15 Aug 2023 21:46

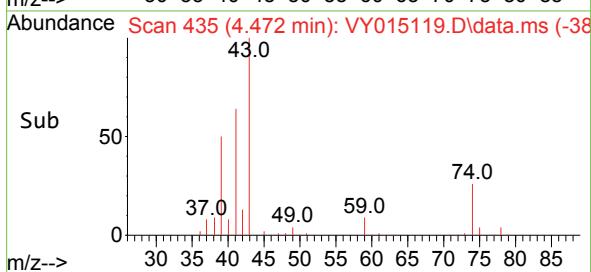
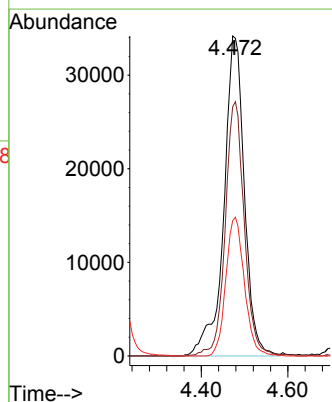
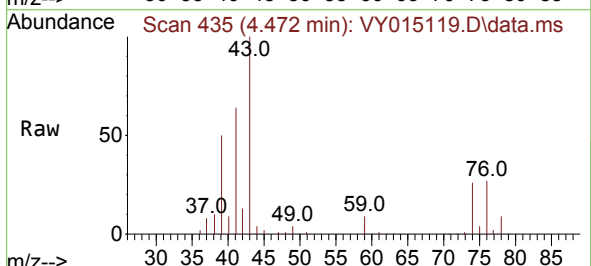
Instrument :
MSVOA_Y
ClientSampleId :

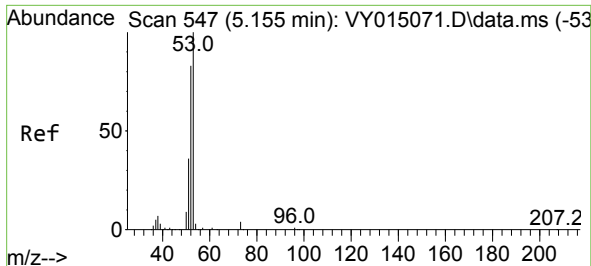
Tgt Ion: 56 Resp: 36988
Ion Ratio Lower Upper
56 100
55 70.8 57.0 85.4



#14
Allyl chloride
Concen: 46.633 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY015119.D
Acq: 15 Aug 2023 21:46

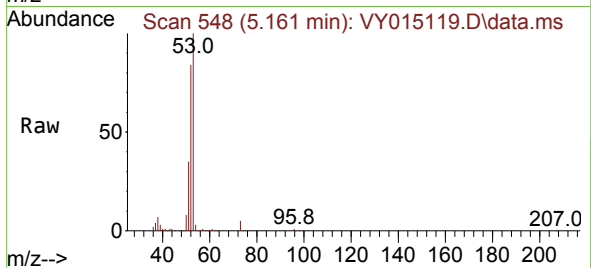
Tgt Ion: 41 Resp: 113114
Ion Ratio Lower Upper
41 100
39 73.8 58.0 87.0
76 39.1 27.4 41.2



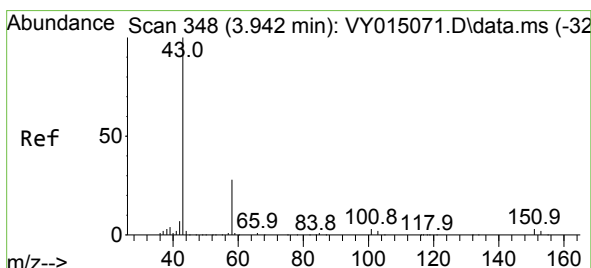
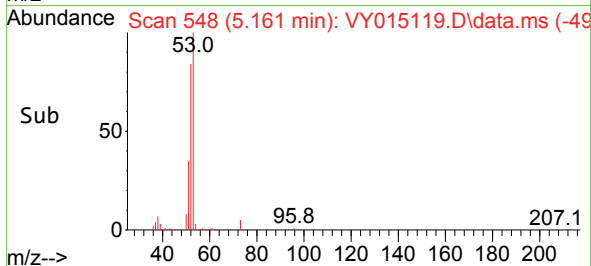
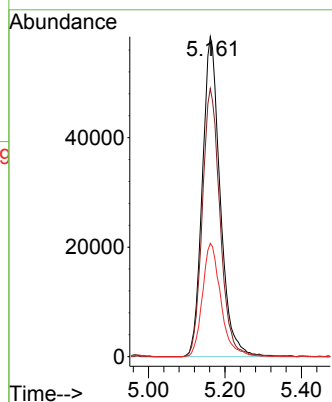


#15
Acrylonitrile
Concen: 269.848 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY015119.D
Acq: 15 Aug 2023 21:46

Instrument :
MSVOA_Y
ClientSampleId :

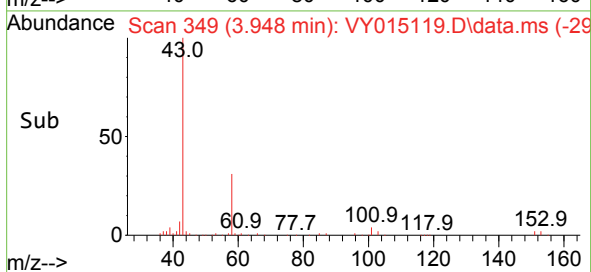
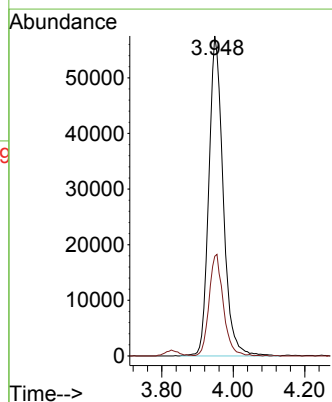
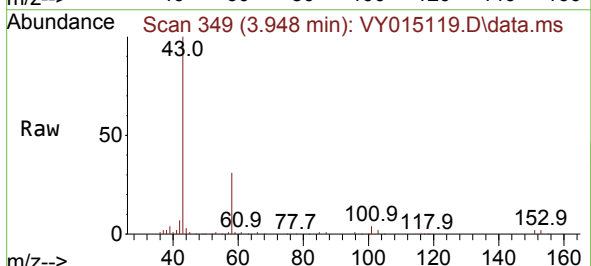


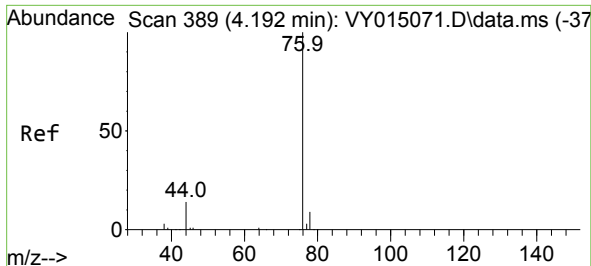
Tgt Ion: 53 Resp: 189067
Ion Ratio Lower Upper
53 100
52 83.4 66.9 100.3
51 36.6 29.8 44.6



#16
Acetone
Concen: 207.706 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015119.D
Acq: 15 Aug 2023 21:46

Tgt Ion: 43 Resp: 160145
Ion Ratio Lower Upper
43 100
58 31.2 22.7 34.1

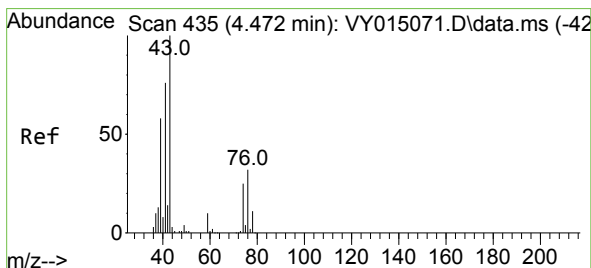
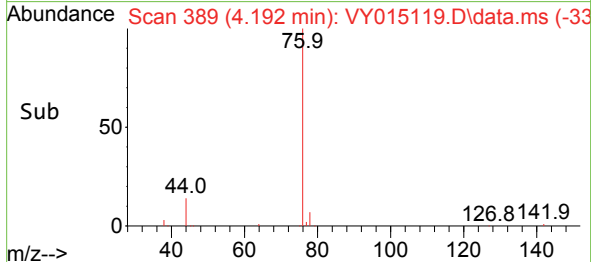
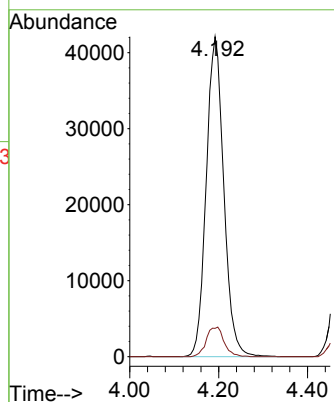
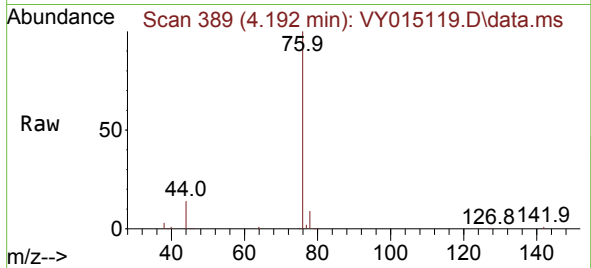




#17
Carbon Disulfide
Concen: 48.060 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY015119.D
Acq: 15 Aug 2023 21:46

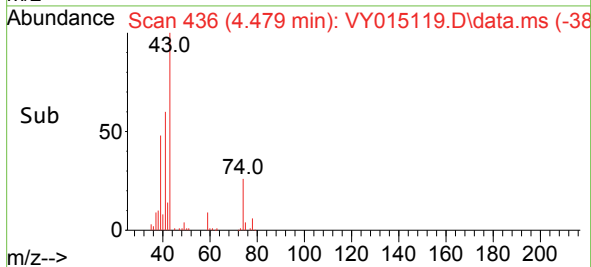
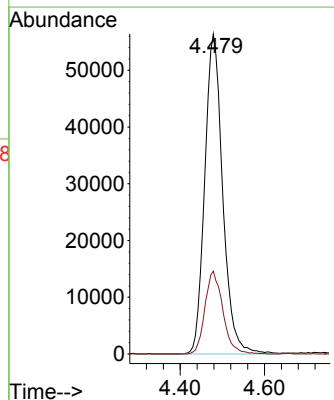
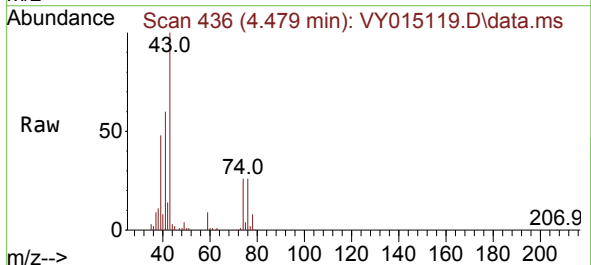
Instrument :
MSVOA_Y
ClientSampleId :

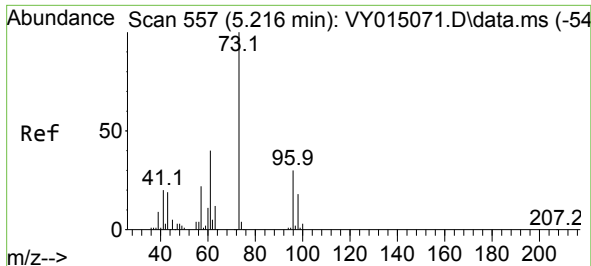
Tgt Ion: 76 Resp: 115713
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4



#18
Methyl Acetate
Concen: 59.228 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.013 min
Lab File: VY015119.D
Acq: 15 Aug 2023 21:46

Tgt Ion: 43 Resp: 167347
Ion Ratio Lower Upper
43 100
74 25.8 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 51.621 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY015119.D

Acq: 15 Aug 2023 21:46

Instrument :

MSVOA_Y

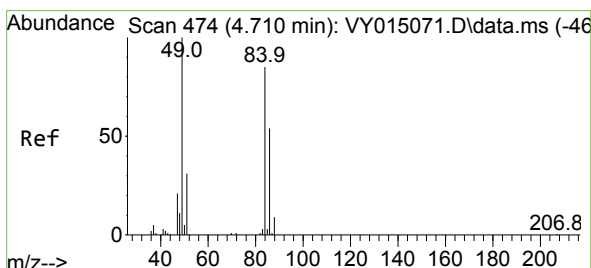
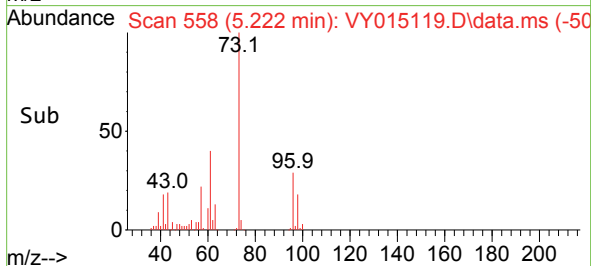
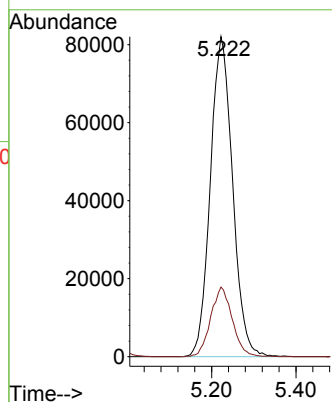
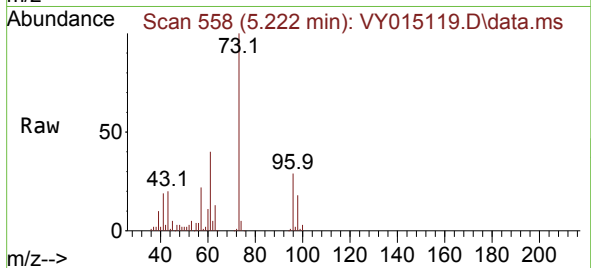
ClientSampleId :

Tgt Ion: 73 Resp: 300287

Ion Ratio Lower Upper

73 100

57 21.8 17.3 25.9



#20

Methylene Chloride

Concen: 54.398 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY015119.D

Acq: 15 Aug 2023 21:46

Tgt Ion: 84 Resp: 99859

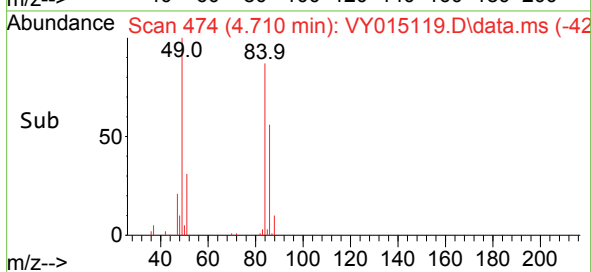
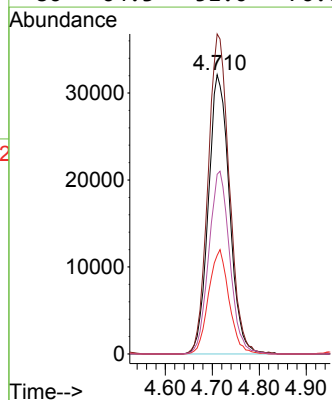
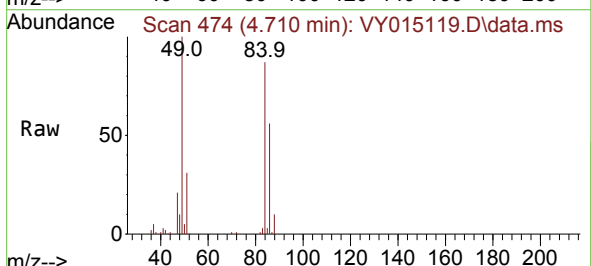
Ion Ratio Lower Upper

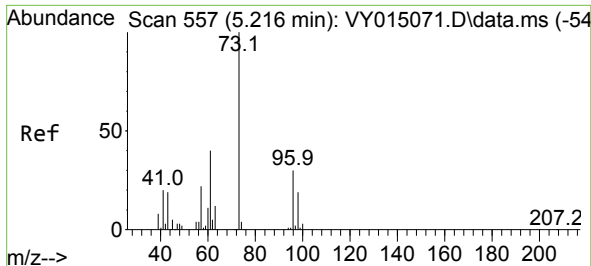
84 100

49 114.6 106.9 160.3

51 35.3 33.2 49.8

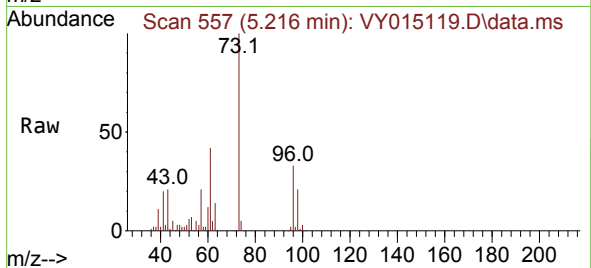
86 64.3 51.0 76.6



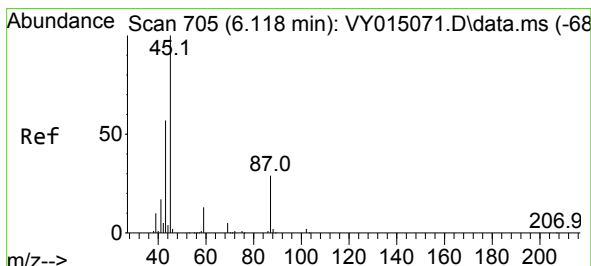
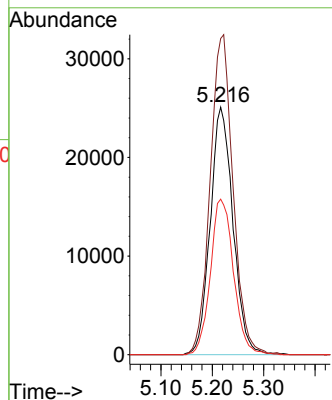
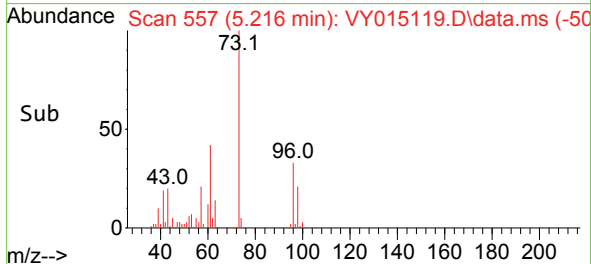


#21
trans-1,2-Dichloroethene
Concen: 49.973 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY015119.D
Acq: 15 Aug 2023 21:46

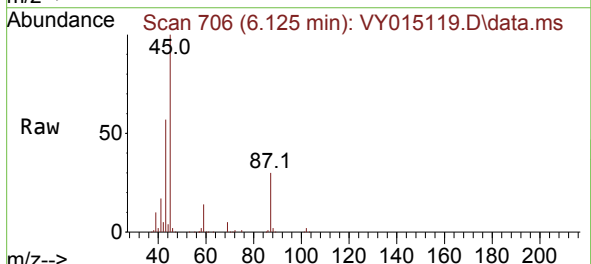
Instrument :
MSVOA_Y
ClientSampleId :



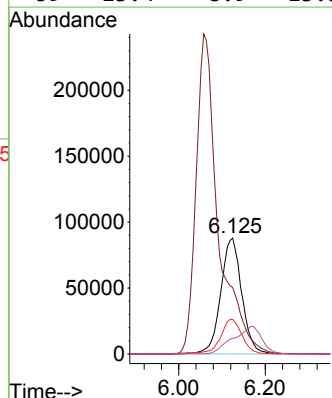
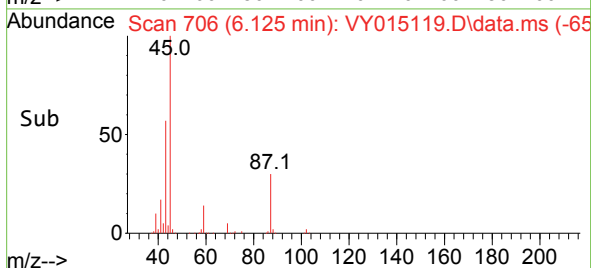
Tgt Ion: 96 Resp: 77118
Ion Ratio Lower Upper
96 100
61 127.8 110.2 165.4
98 62.9 51.8 77.6

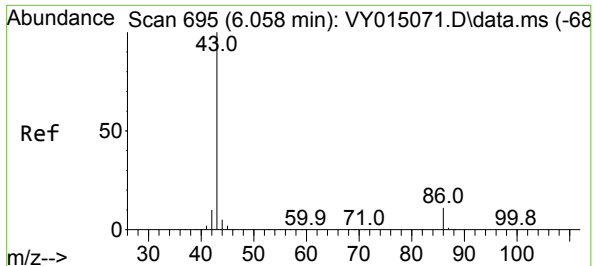


#22
Diisopropyl ether
Concen: 48.918 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.012 min
Lab File: VY015119.D
Acq: 15 Aug 2023 21:46



Tgt Ion: 45 Resp: 296074
Ion Ratio Lower Upper
45 100
43 56.6 52.2 78.4
87 29.8 21.0 31.6
59 13.4 8.9 13.3#

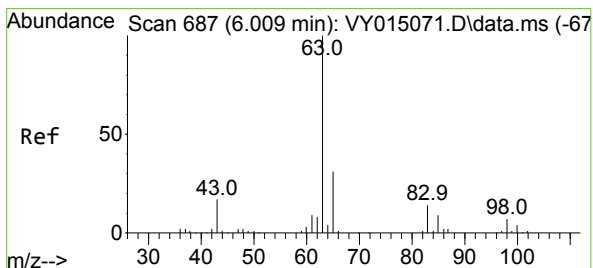
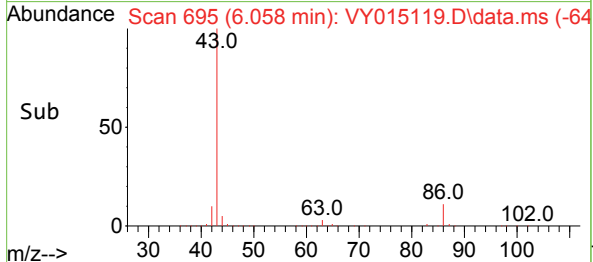
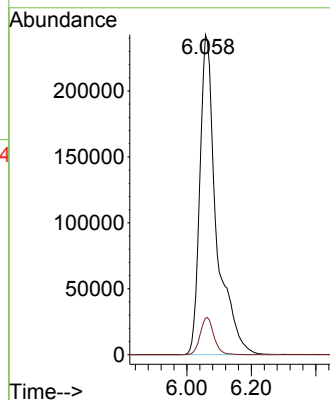
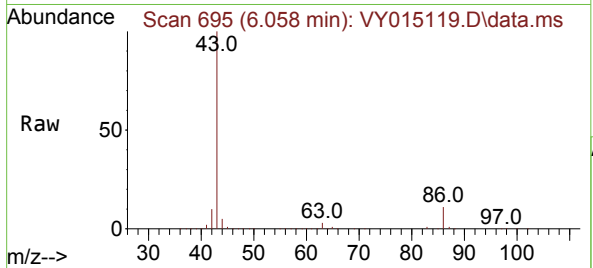




#23
 Vinyl Acetate
 Concen: 239.686 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY015119.D
 Acq: 15 Aug 2023 21:46

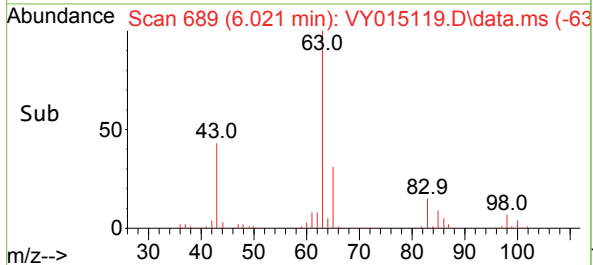
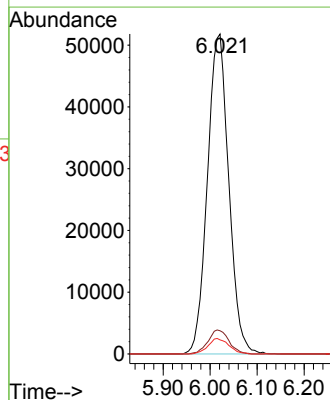
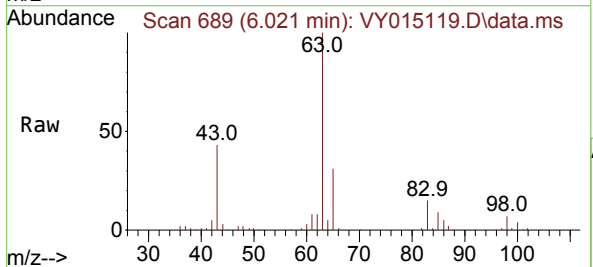
Instrument :
 MSVOA_Y
 ClientSampleId :

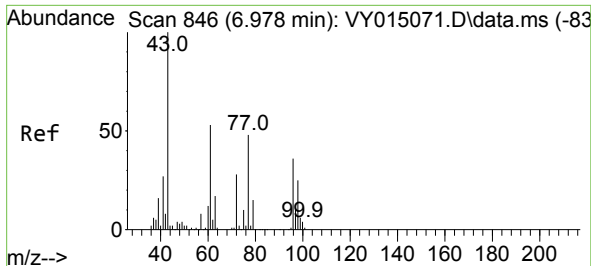
Tgt Ion: 43 Resp: 865621
 Ion Ratio Lower Upper
 43 100
 86 11.4 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 49.861 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.012 min
 Lab File: VY015119.D
 Acq: 15 Aug 2023 21:46

Tgt Ion: 63 Resp: 163383
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.1 9.4
 100 4.4 1.8 5.5

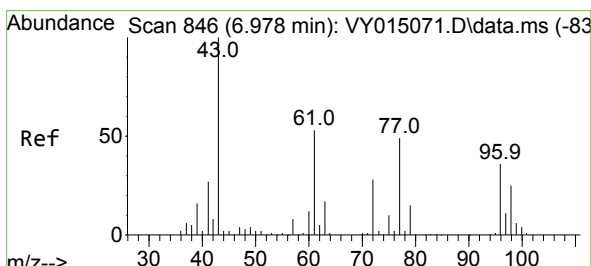
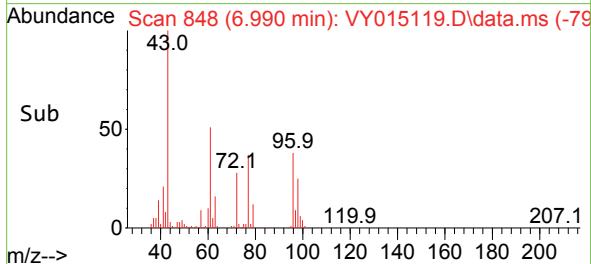
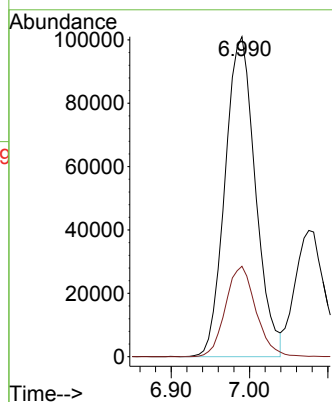
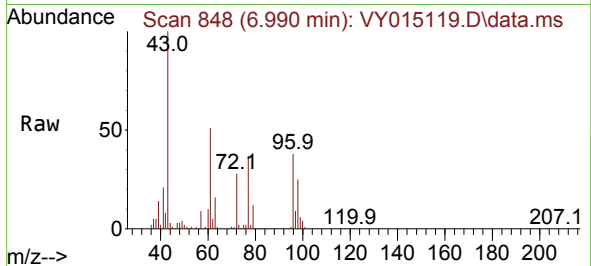




#25
2-Butanone
Concen: 249.643 ug/l
RT: 6.990 min Scan# 846
Delta R.T. 0.012 min
Lab File: VY015119.D
Acq: 15 Aug 2023 21:46

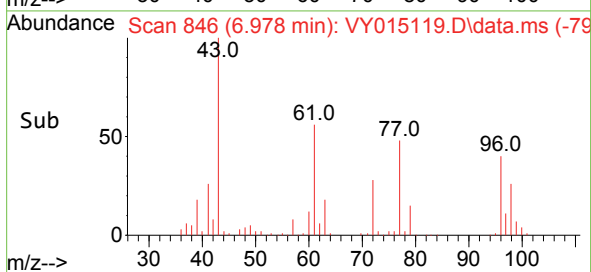
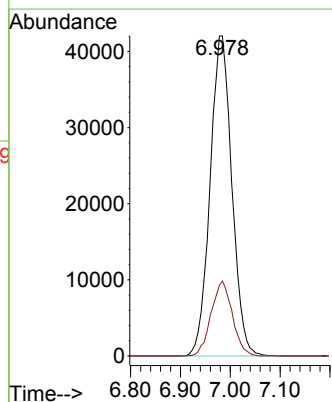
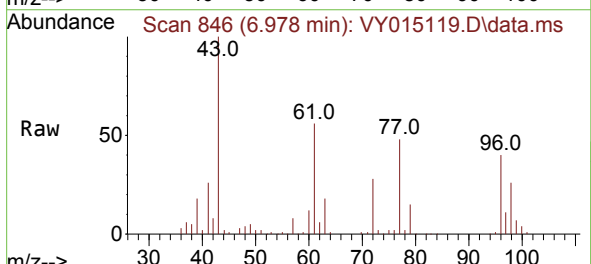
Instrument :
MSVOA_Y
ClientSampleId :

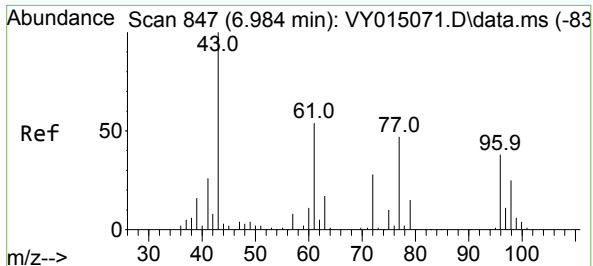
Tgt Ion: 43 Resp: 272530
Ion Ratio Lower Upper
43 100
72 28.2 20.5 30.7



#26
2,2-Dichloropropane
Concen: 40.363 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY015119.D
Acq: 15 Aug 2023 21:46

Tgt Ion: 77 Resp: 127499
Ion Ratio Lower Upper
77 100
97 22.8 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 50.346 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY015119.D

Acq: 15 Aug 2023 21:46

Instrument :

MSVOA_Y

ClientSampleId :

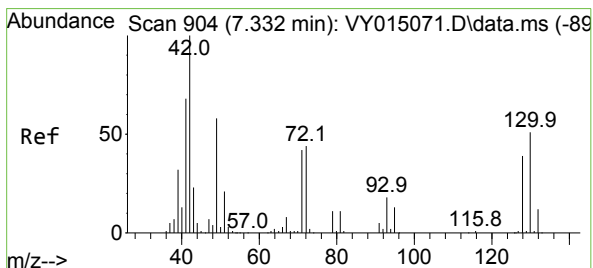
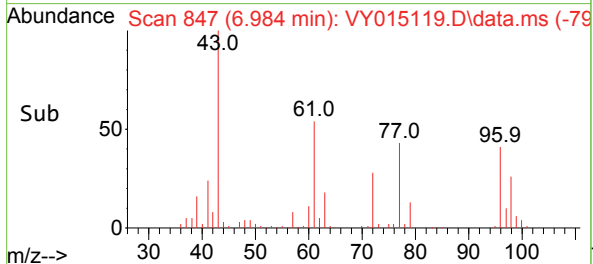
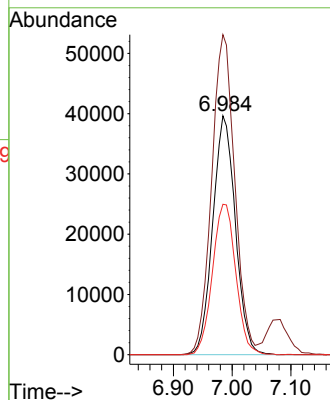
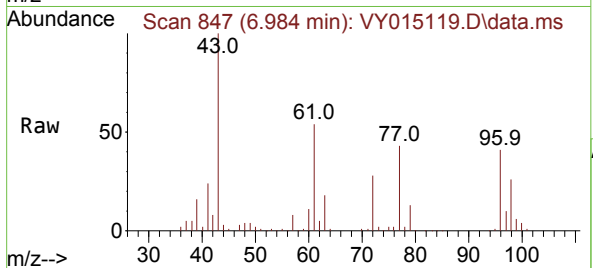
Tgt Ion: 96 Resp: 106130

Ion Ratio Lower Upper

96 100

61 136.7 0.0 301.4

98 65.0 0.0 130.4



#28

Bromochloromethane

Concen: 49.464 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY015119.D

Acq: 15 Aug 2023 21:46

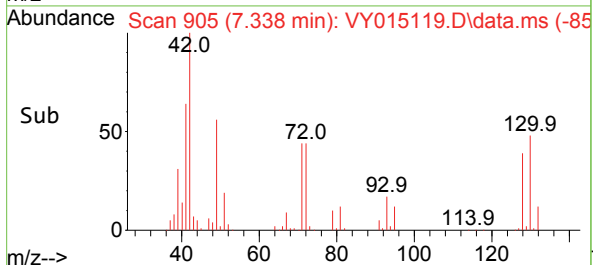
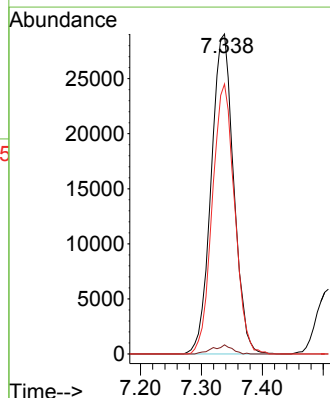
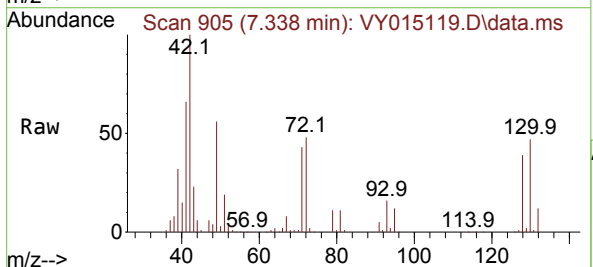
Tgt Ion: 49 Resp: 74465

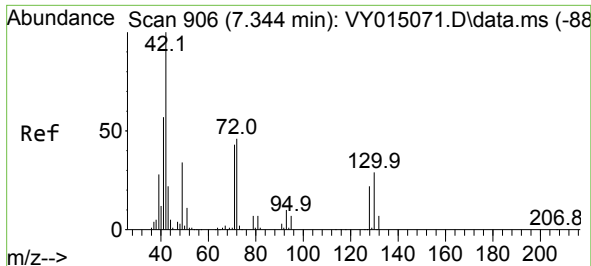
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

130 83.4 60.7 91.1





#29

Tetrahydrofuran

Concen: 267.520 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

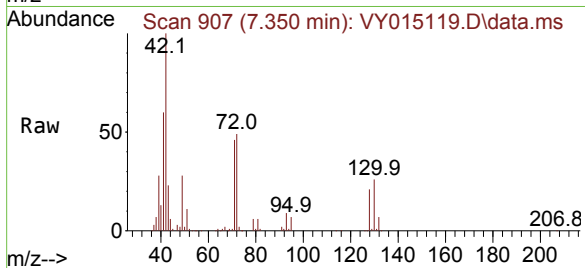
Lab File: VY015119.D

Acq: 15 Aug 2023 21:46

Instrument :

MSVOA_Y

ClientSampleId :



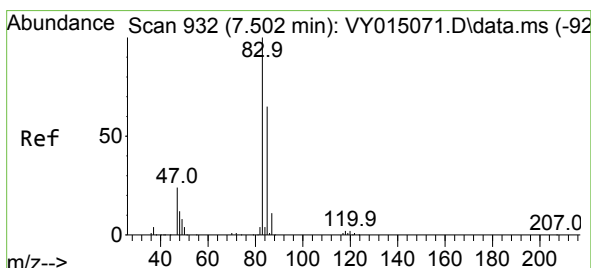
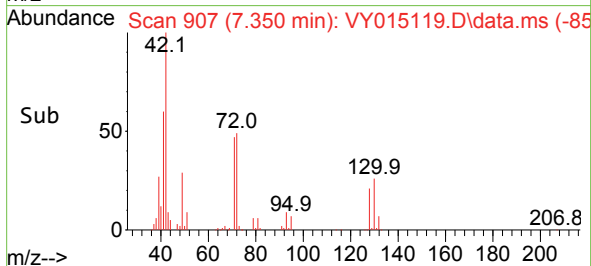
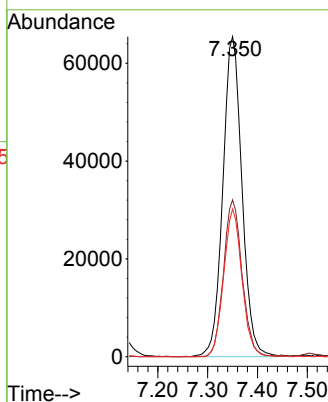
Tgt Ion: 42 Resp: 174627

Ion Ratio Lower Upper

42 100

72 47.5 32.8 49.2

71 44.2 31.0 46.4



#30

Chloroform

Concen: 51.019 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.006 min

Lab File: VY015119.D

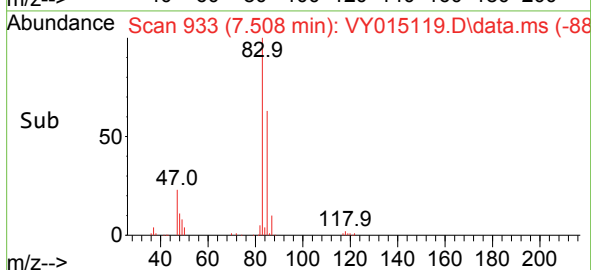
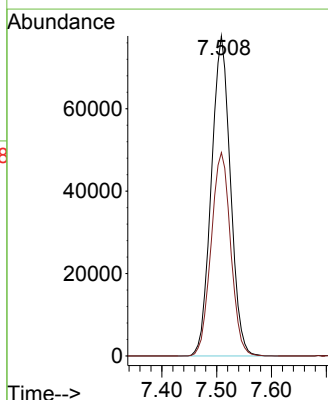
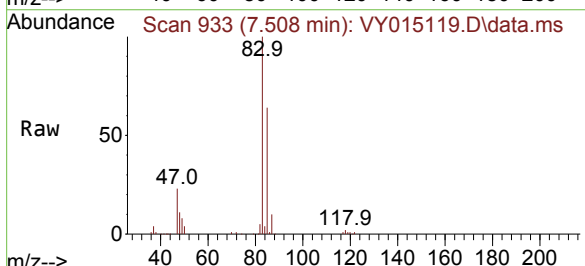
Acq: 15 Aug 2023 21:46

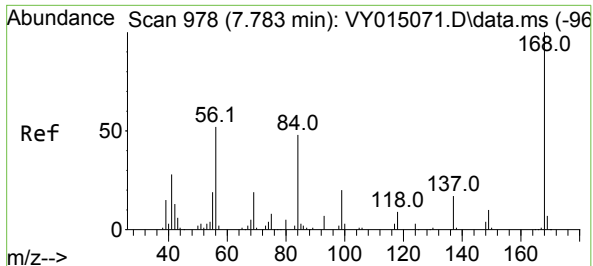
Tgt Ion: 83 Resp: 187409

Ion Ratio Lower Upper

83 100

85 63.6 49.7 74.5

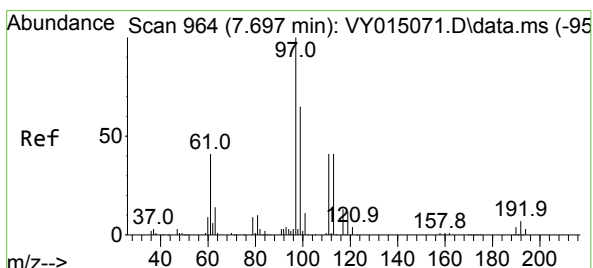
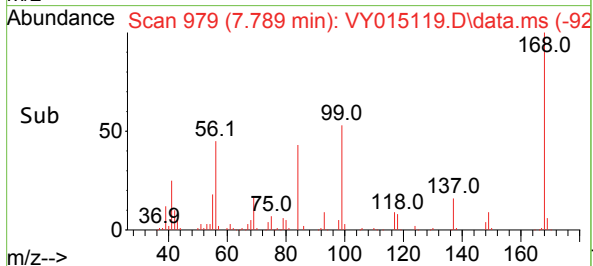
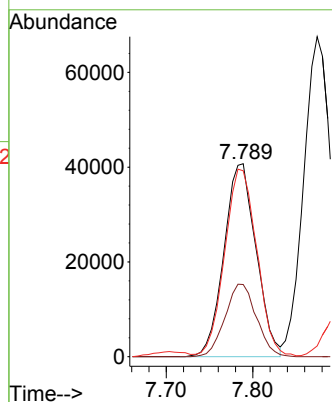
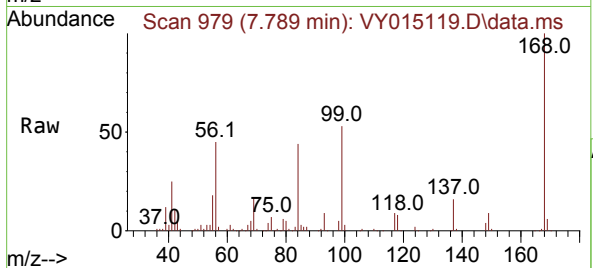




#31
Cyclohexane
Concen: 49.793 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015119.D
Acq: 15 Aug 2023 21:46

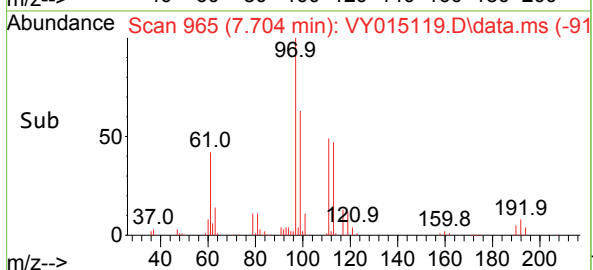
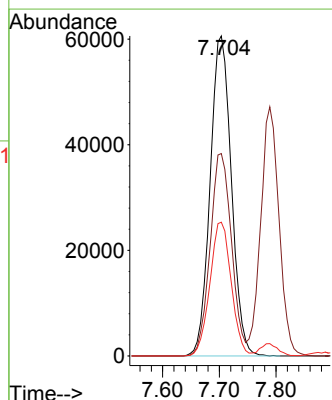
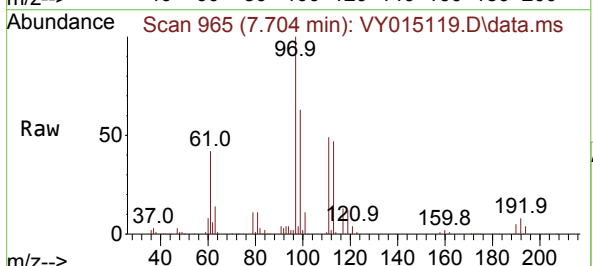
Instrument :
MSVOA_Y
ClientSampleId :

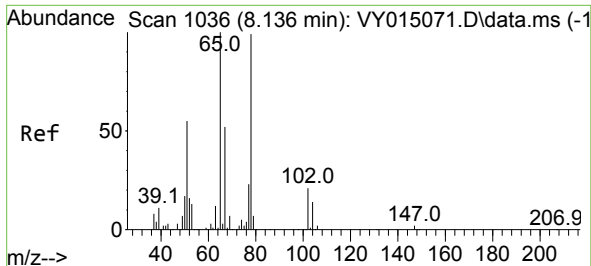
Tgt Ion: 56 Resp: 104992
Ion Ratio Lower Upper
56 100
69 37.4 27.8 41.6
84 94.2 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 50.383 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY015119.D
Acq: 15 Aug 2023 21:46

Tgt Ion: 97 Resp: 157487
Ion Ratio Lower Upper
97 100
99 63.8 50.8 76.2
61 42.0 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 52.162 ug/l

RT: 8.143 min Scan# 1109

Delta R.T. 0.006 min

Lab File: VY015119.D

Acq: 15 Aug 2023 21:46

Instrument :

MSVOA_Y

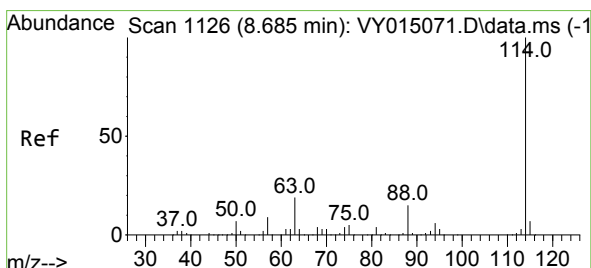
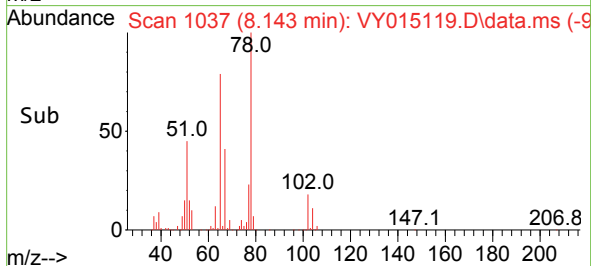
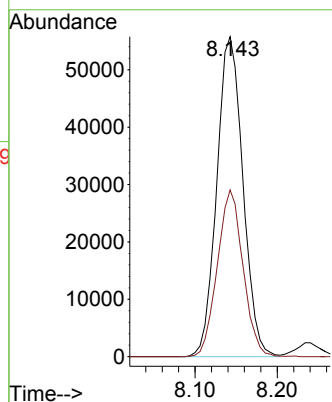
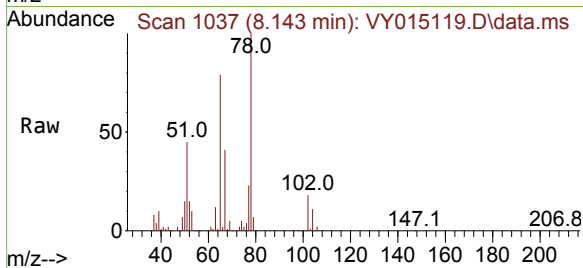
ClientSampleId :

Tgt Ion: 65 Resp: 123109

Ion Ratio Lower Upper

65 100

67 51.3 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: VY015119.D

Acq: 15 Aug 2023 21:46

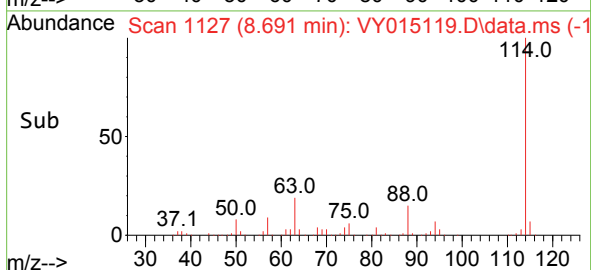
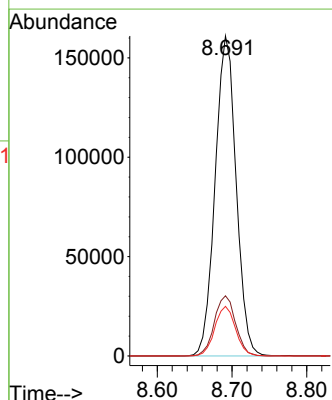
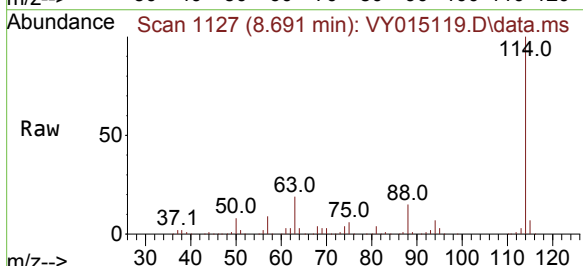
Tgt Ion: 114 Resp: 314400

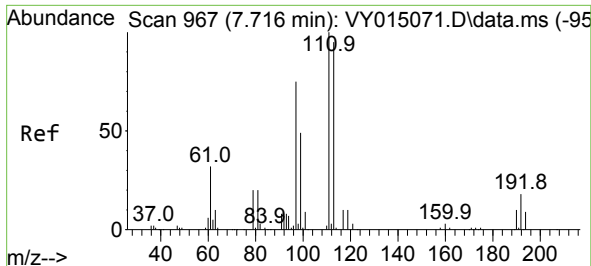
Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.4

88 15.5 0.0 30.6

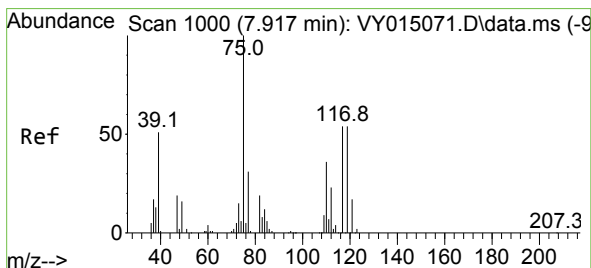
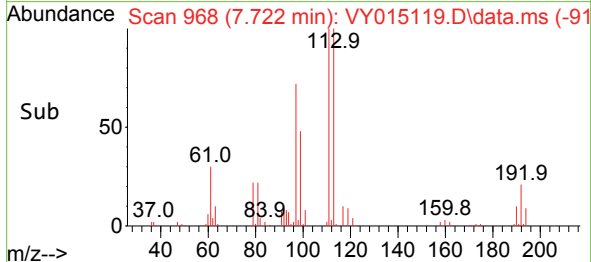
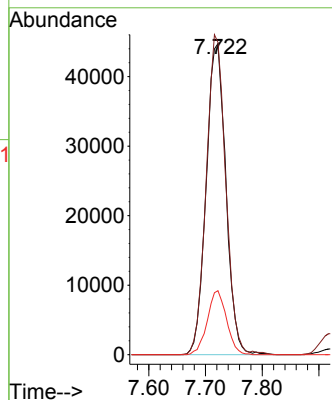
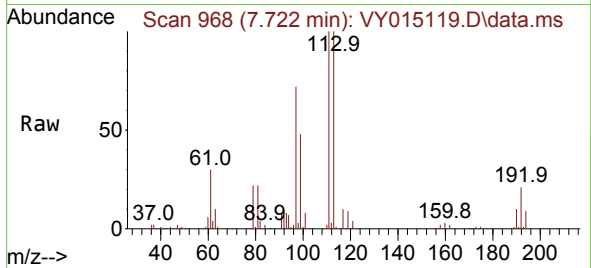




#35
Dibromofluoromethane
Concen: 53.483 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015119.D
Acq: 15 Aug 2023 21:46

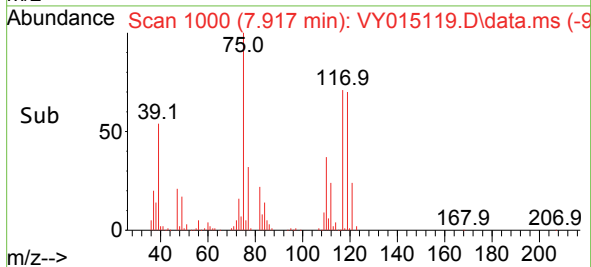
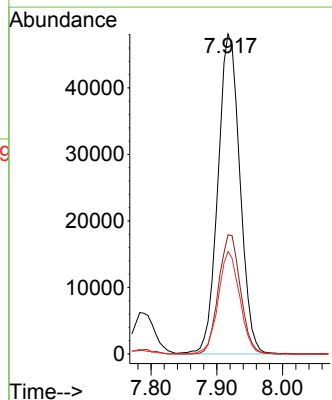
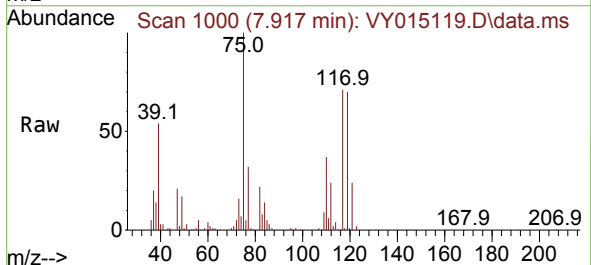
Instrument :
MSVOA_Y
ClientSampleId :

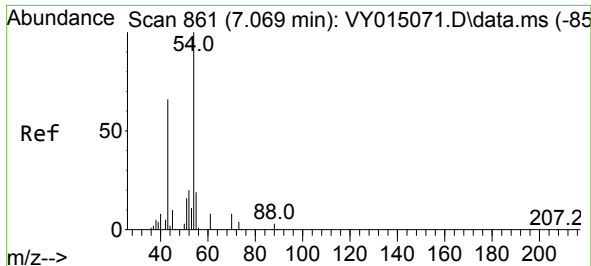
Tgt Ion:113 Resp: 108178
Ion Ratio Lower Upper
113 100
111 101.9 81.3 121.9
192 20.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 50.092 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY015119.D
Acq: 15 Aug 2023 21:46

Tgt Ion: 75 Resp: 112090
Ion Ratio Lower Upper
75 100
110 37.0 17.8 53.5
77 31.3 24.4 36.6

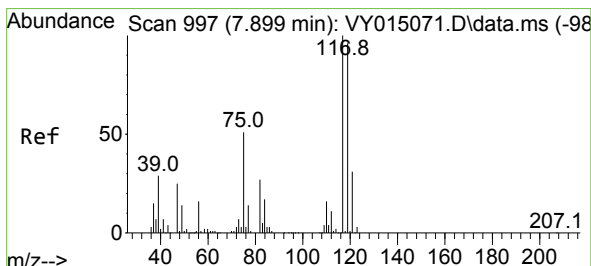
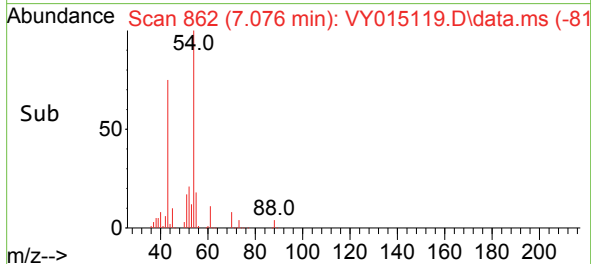
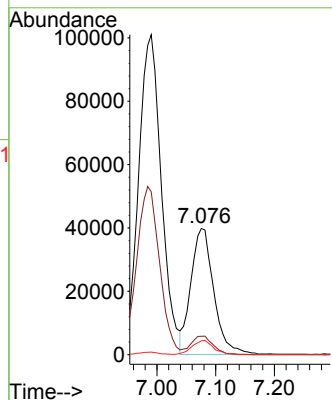
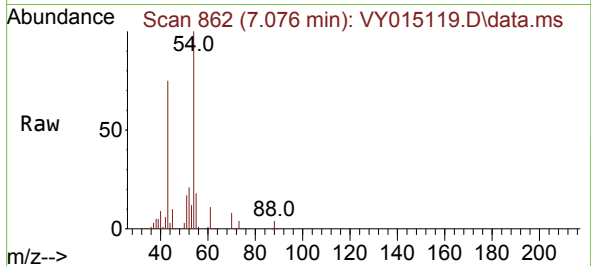




#37
Ethyl Acetate
Concen: 51.576 ug/l
RT: 7.076 min Scan# 861
Delta R.T. 0.006 min
Lab File: VY015119.D
Acq: 15 Aug 2023 21:46

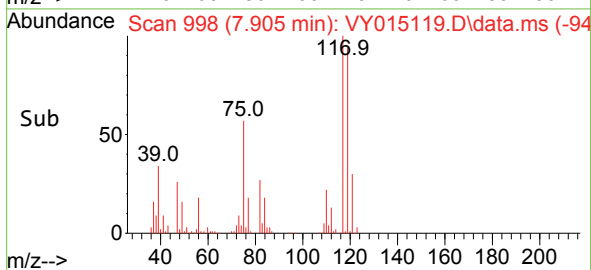
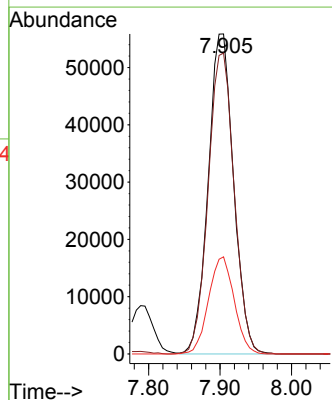
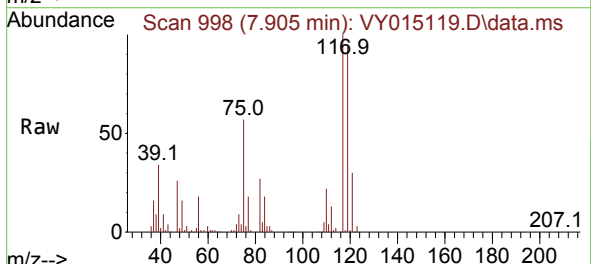
Instrument :
MSVOA_Y
ClientSampleId :

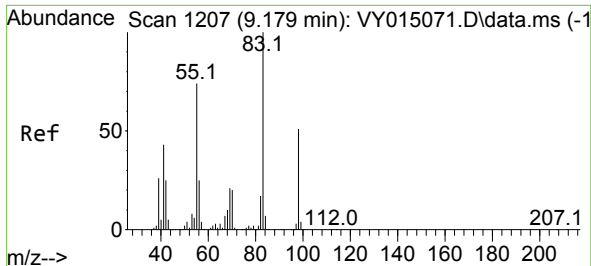
Tgt Ion: 43 Resp: 107577
Ion Ratio Lower Upper
43 100
61 14.1 10.1 15.1
70 10.6 7.1 10.7



#38
Carbon Tetrachloride
Concen: 52.139 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.006 min
Lab File: VY015119.D
Acq: 15 Aug 2023 21:46

Tgt Ion: 117 Resp: 138079
Ion Ratio Lower Upper
117 100
119 94.0 76.4 114.6
121 30.4 25.8 38.6





#39

Methylcyclohexane

Concen: 50.347 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

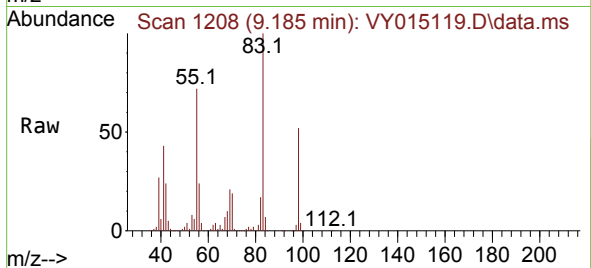
Lab File: VY015119.D

Acq: 15 Aug 2023 21:46

Instrument :

MSVOA_Y

ClientSampleId :



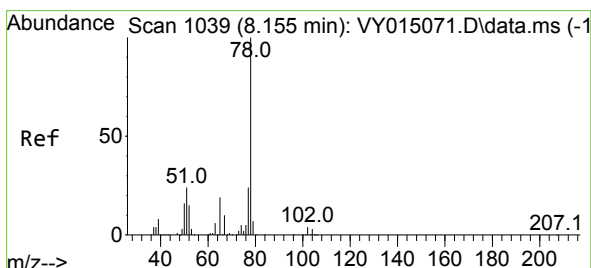
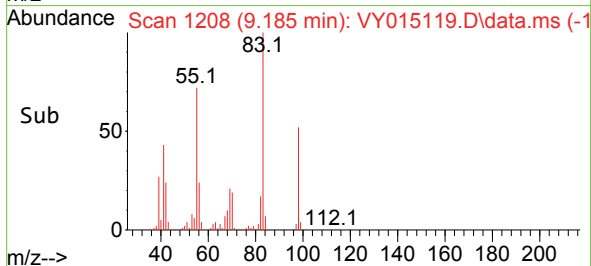
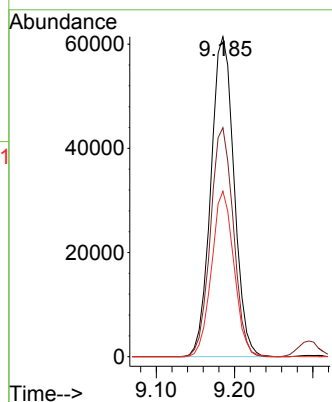
Tgt Ion: 83 Resp: 126296

Ion Ratio Lower Upper

83 100

55 71.6 63.0 94.4

98 51.7 37.4 56.2



#40

Benzene

Concen: 51.646 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY015119.D

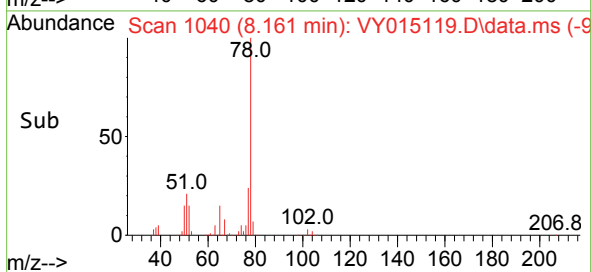
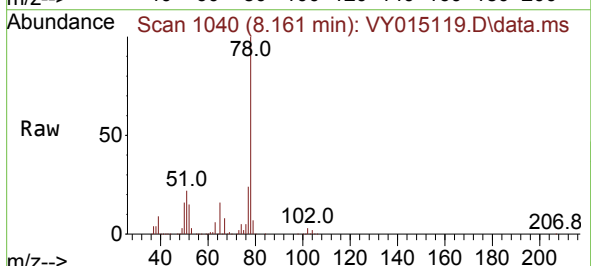
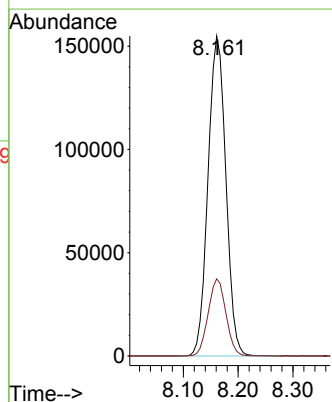
Acq: 15 Aug 2023 21:46

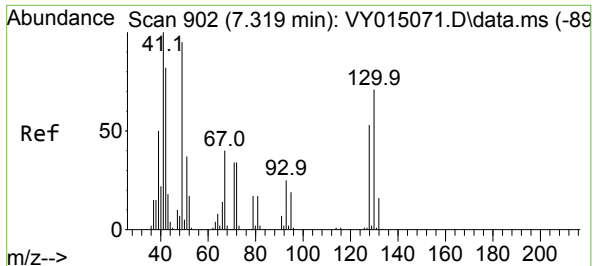
Tgt Ion: 78 Resp: 349403

Ion Ratio Lower Upper

78 100

77 24.1 19.0 28.6

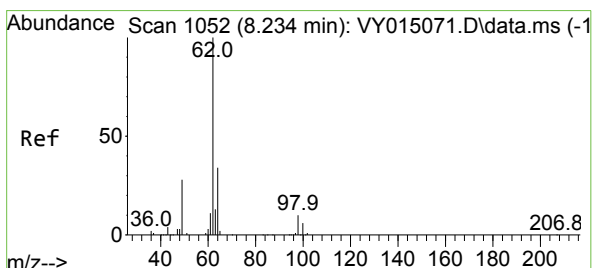
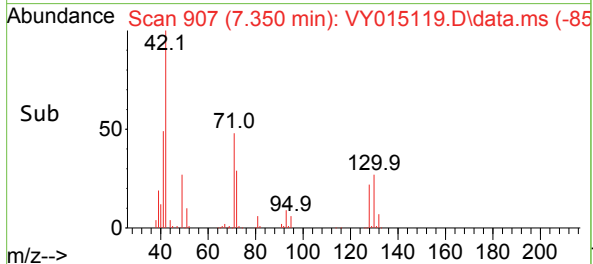
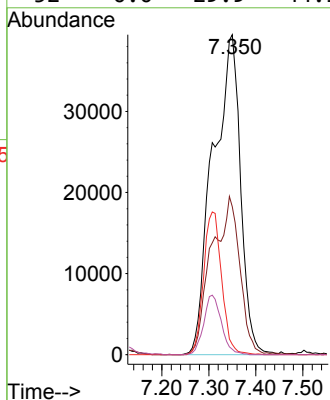
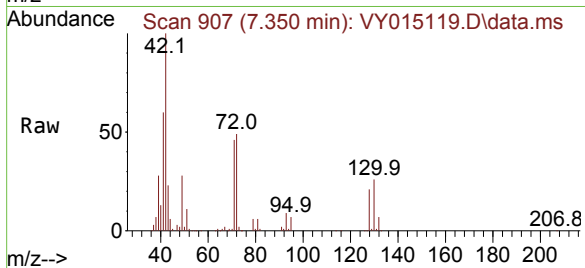




#41
Methacrylonitrile
Concen: 148.938 ug/l
RT: 7.350 min Scan# 90
Delta R.T. 0.043 min
Lab File: VY015119.D
Acq: 15 Aug 2023 21:46

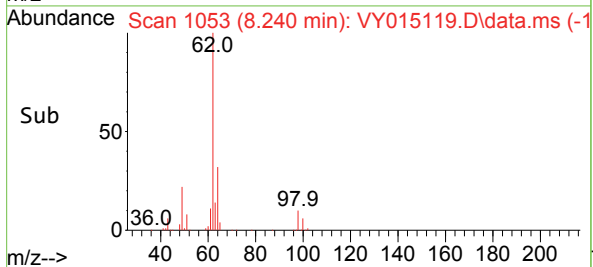
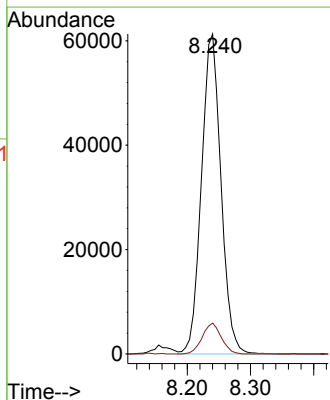
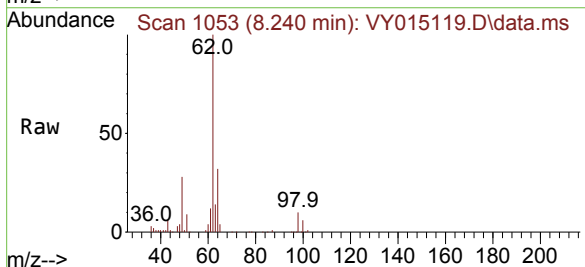
Instrument :
MSVOA_Y
ClientSampleId :

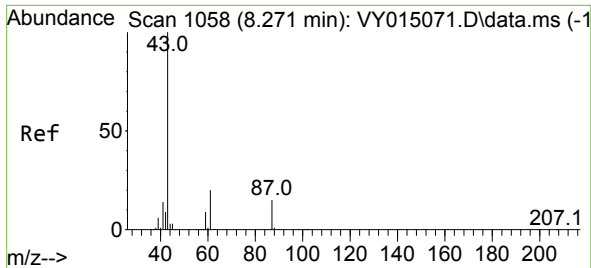
Tgt Ion: 41 Resp: 160189
Ion Ratio Lower Upper
41 100
39 28.4 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 53.572 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY015119.D
Acq: 15 Aug 2023 21:46

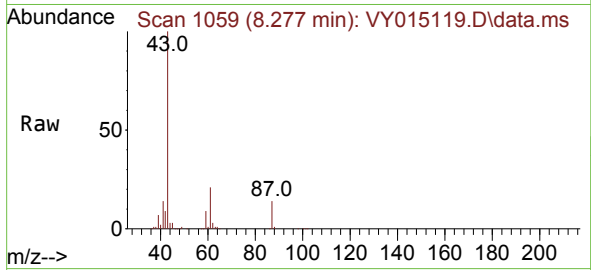
Tgt Ion: 62 Resp: 131626
Ion Ratio Lower Upper
62 100
98 9.4 0.0 15.8



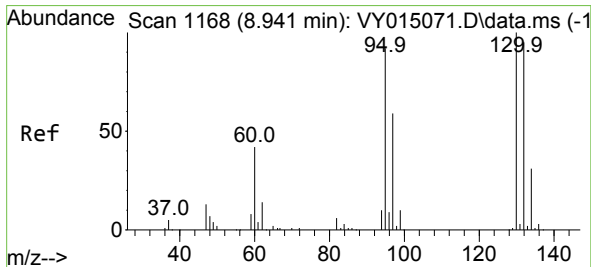
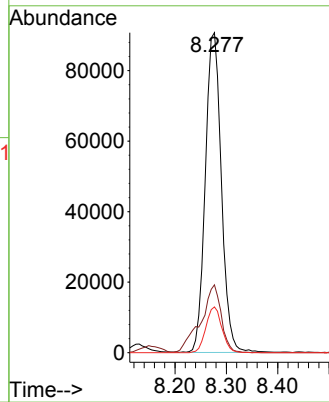
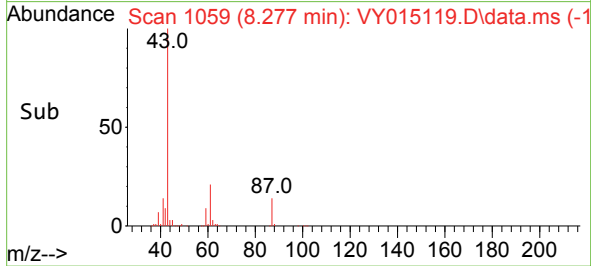


#43
Isopropyl Acetate
Concen: 51.759 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.006 min
Lab File: VY015119.D
Acq: 15 Aug 2023 21:46

Instrument :
MSVOA_Y
ClientSampleId :

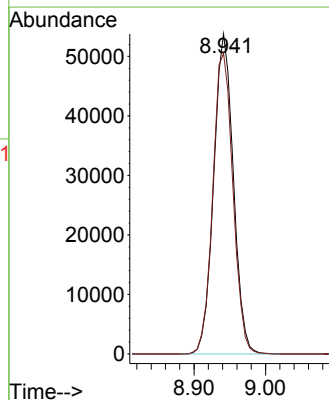
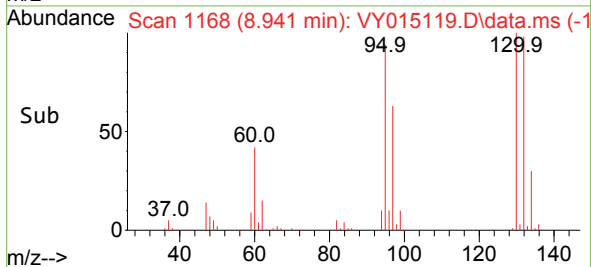
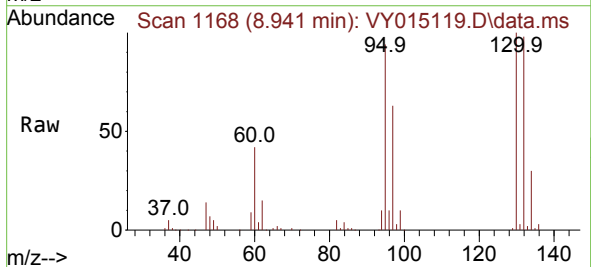


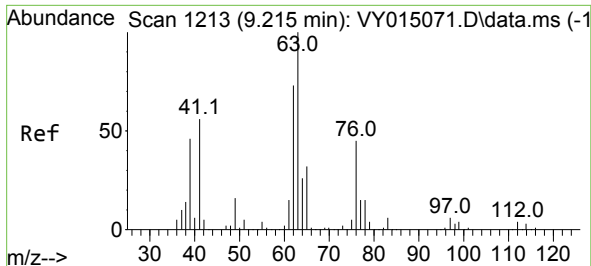
Tgt Ion: 43 Resp: 196599
Ion Ratio Lower Upper
43 100
61 27.2 21.1 31.7
87 14.3 9.8 14.8



#44
Trichloroethene
Concen: 52.679 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY015119.D
Acq: 15 Aug 2023 21:46

Tgt Ion: 130 Resp: 102675
Ion Ratio Lower Upper
130 100
95 94.0 0.0 196.0

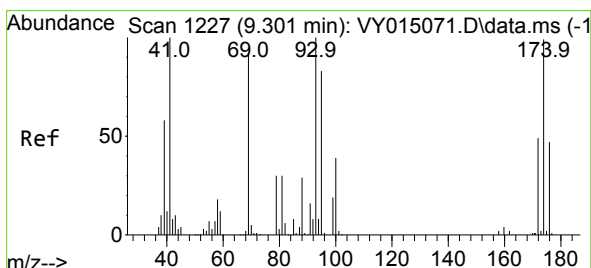
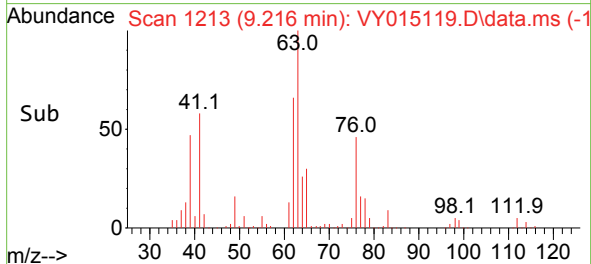
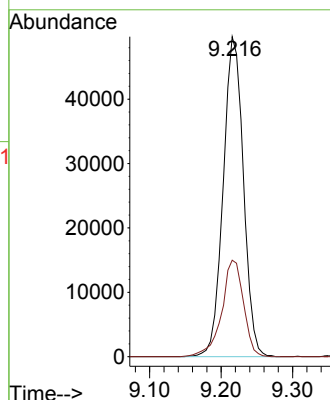
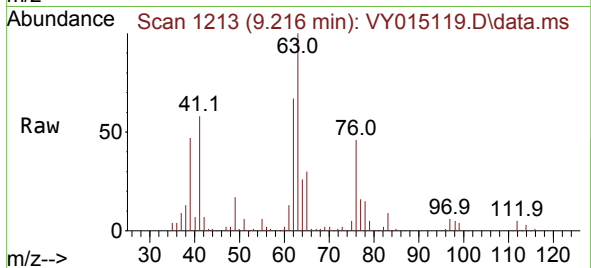




#45
1,2-Dichloropropane
Concen: 51.146 ug/l
RT: 9.216 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015119.D
Acq: 15 Aug 2023 21:46

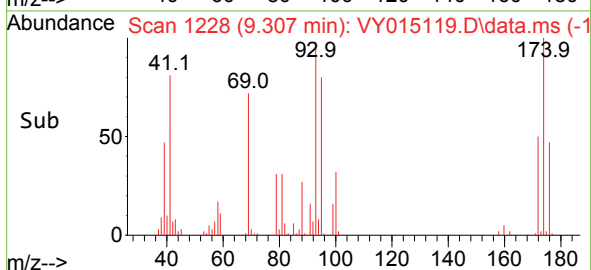
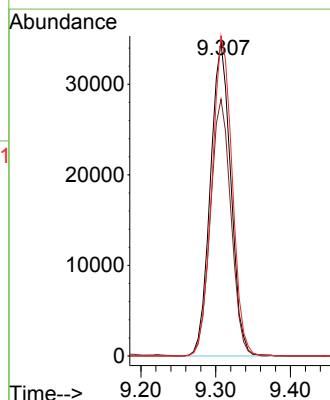
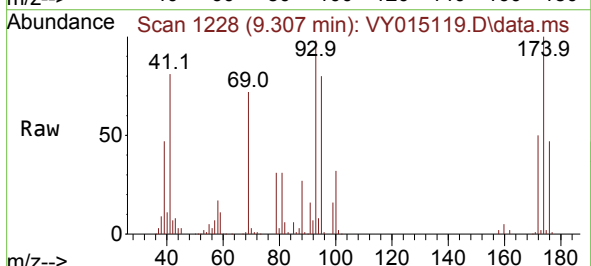
Instrument :
MSVOA_Y
ClientSampleId :

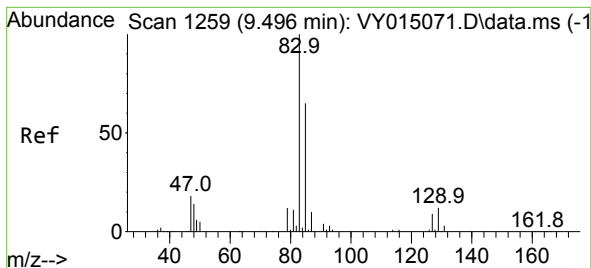
Tgt Ion: 63 Resp: 97572
Ion Ratio Lower Upper
63 100
65 30.1 23.8 35.6



#46
Dibromomethane
Concen: 54.670 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY015119.D
Acq: 15 Aug 2023 21:46

Tgt Ion: 93 Resp: 65779
Ion Ratio Lower Upper
93 100
95 82.1 66.6 100.0
174 101.4 84.8 127.2





#47

Bromodichloromethane

Concen: 53.484 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VY015119.D

Acq: 15 Aug 2023 21:46

Instrument :

MSVOA_Y

ClientSampleId :

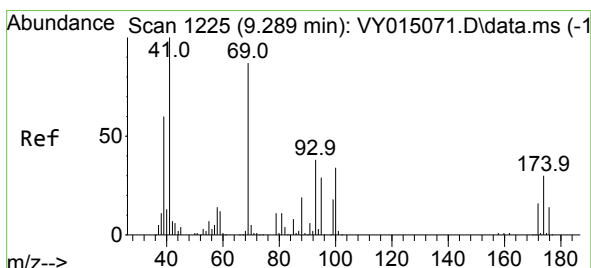
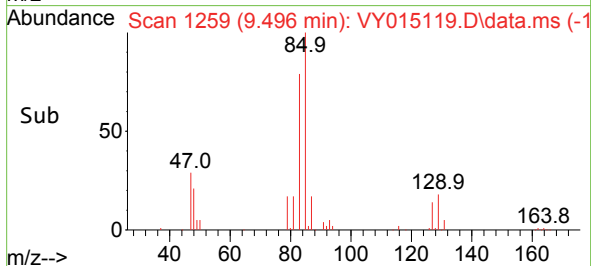
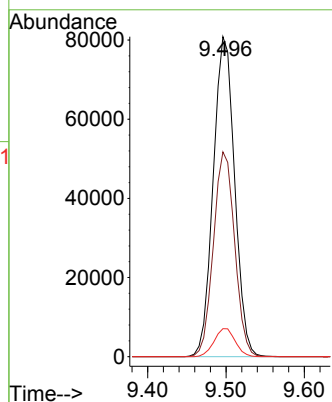
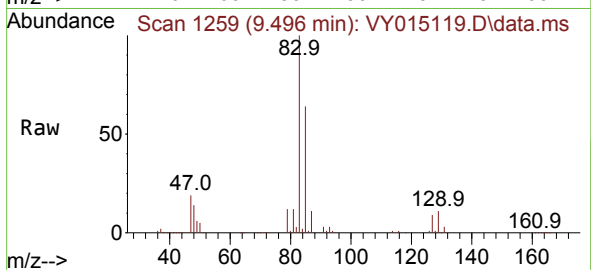
Tgt Ion: 83 Resp: 153562

Ion Ratio Lower Upper

83 100

85 64.0 50.1 75.1

127 8.8 7.1 10.7



#48

Methyl methacrylate

Concen: 54.148 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY015119.D

Acq: 15 Aug 2023 21:46

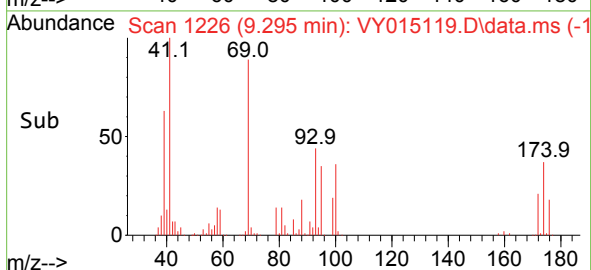
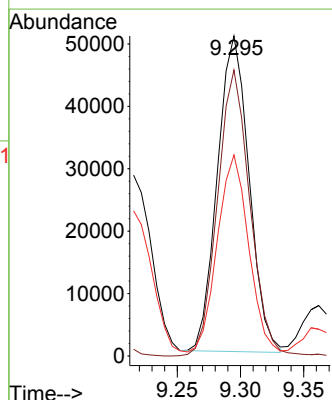
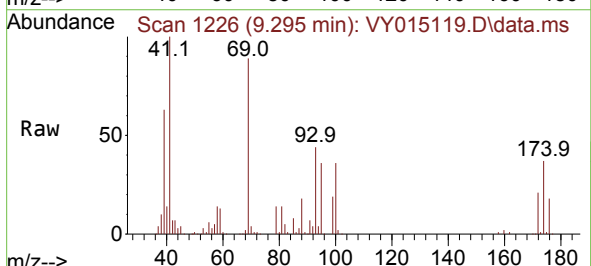
Tgt Ion: 41 Resp: 87983

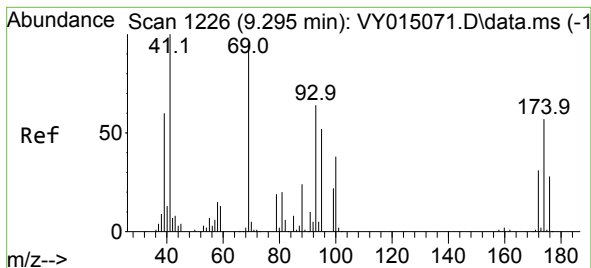
Ion Ratio Lower Upper

41 100

69 92.8 64.5 96.7

39 64.1 50.8 76.2





#49

1,4-Dioxane

Concen: 1075.143 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY015119.D

Acq: 15 Aug 2023 21:46

Instrument :

MSVOA_Y

ClientSampleId :

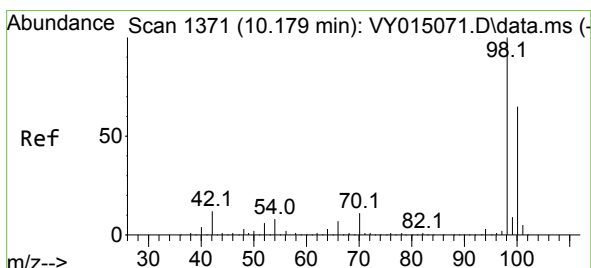
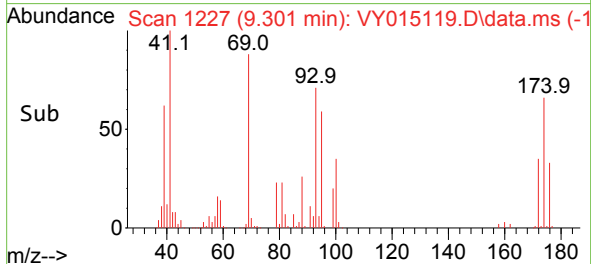
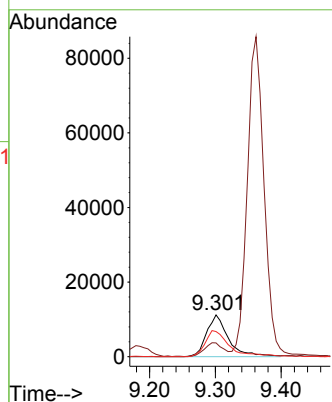
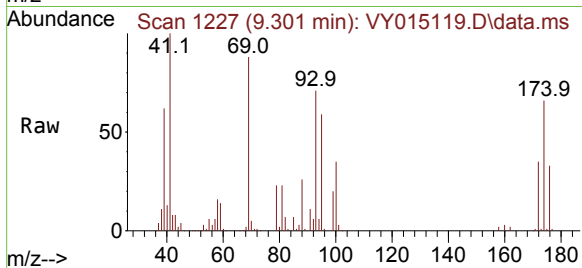
Tgt Ion: 88 Resp: 25868

Ion Ratio Lower Upper

88 100

43 27.6 0.0 0.0#

58 68.9 30.9 46.3#



#50

Toluene-d8

Concen: 52.184 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015119.D

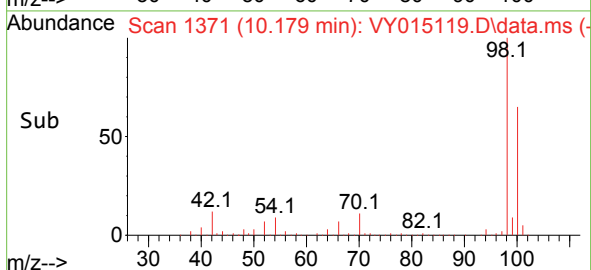
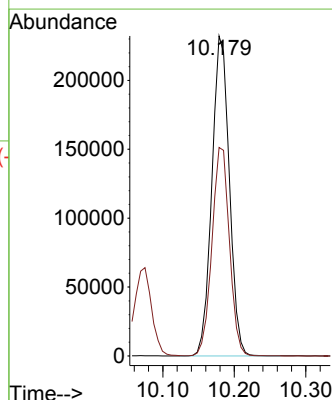
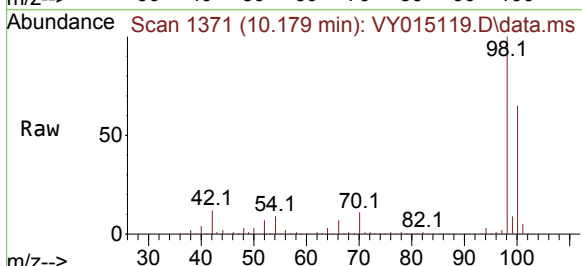
Acq: 15 Aug 2023 21:46

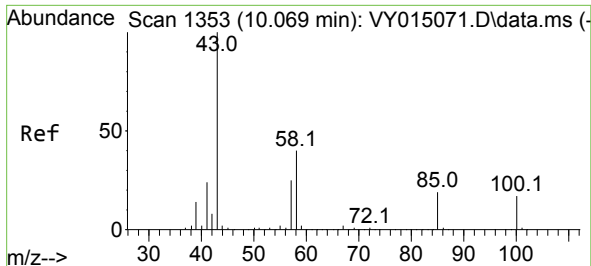
Tgt Ion: 98 Resp: 392919

Ion Ratio Lower Upper

98 100

100 65.5 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 280.818 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VY015119.D

Acq: 15 Aug 2023 21:46

Instrument :

MSVOA_Y

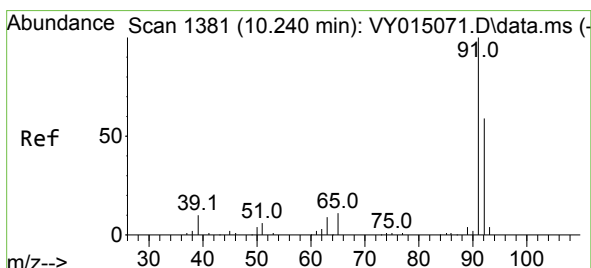
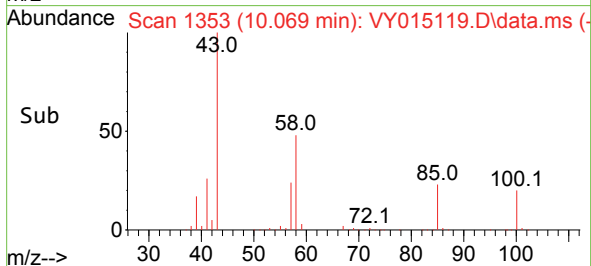
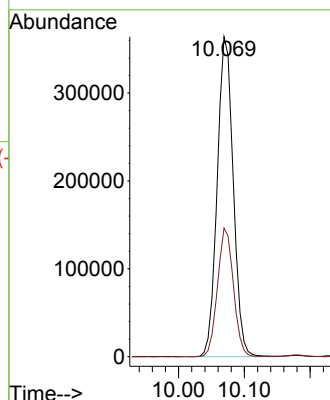
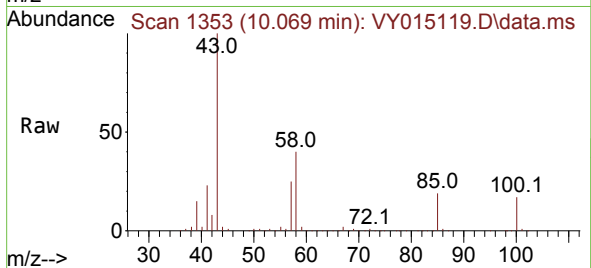
ClientSampleId :

Tgt Ion: 43 Resp: 618185

Ion Ratio Lower Upper

43 100

58 40.0 29.0 43.6



#52

Toluene

Concen: 51.825 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. 0.006 min

Lab File: VY015119.D

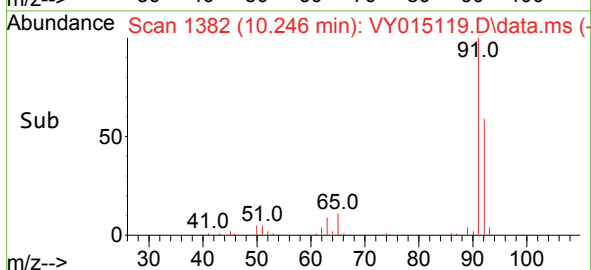
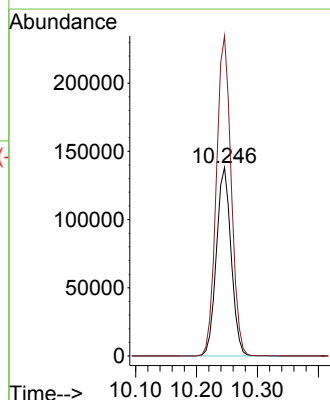
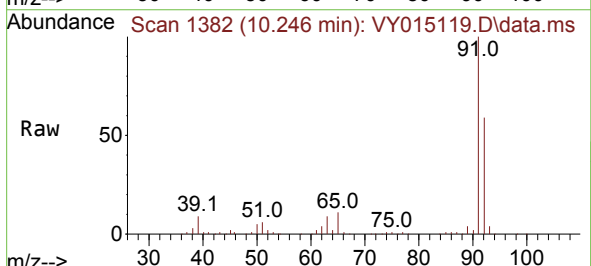
Acq: 15 Aug 2023 21:46

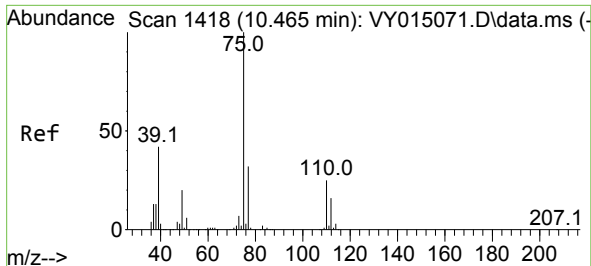
Tgt Ion: 92 Resp: 231095

Ion Ratio Lower Upper

92 100

91 171.5 143.8 215.6

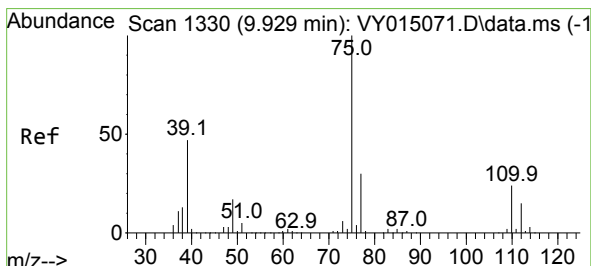
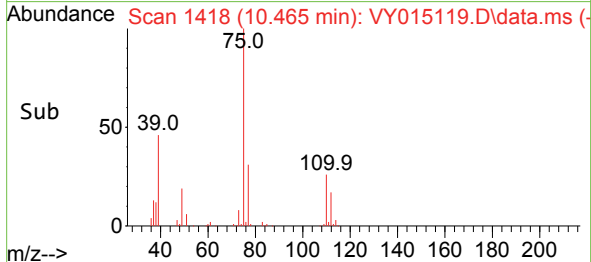
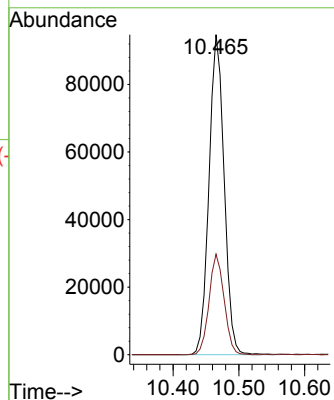
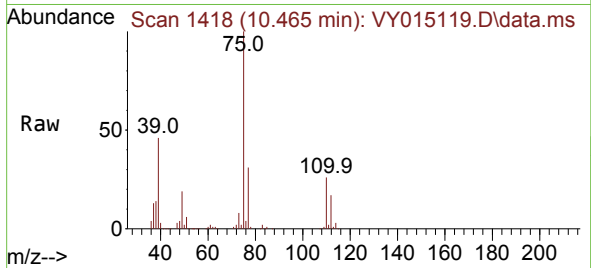




#53
 t-1,3-Dichloropropene
 Concen: 50.297 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY015119.D
 Acq: 15 Aug 2023 21:46

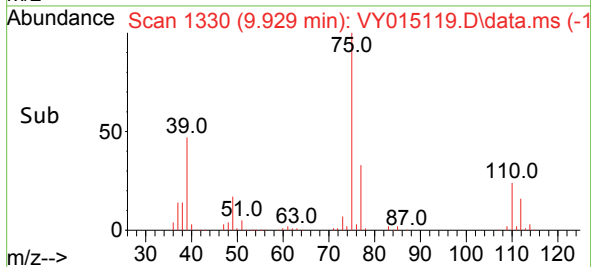
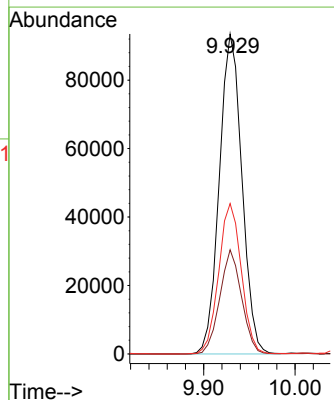
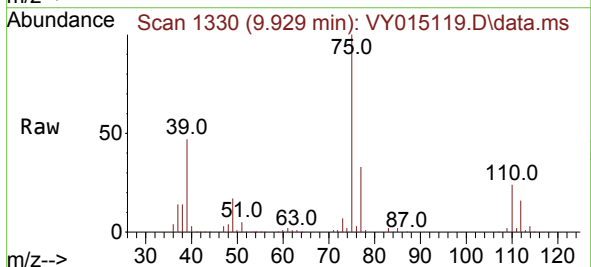
Instrument :
 MSVOA_Y
 ClientSampleId :

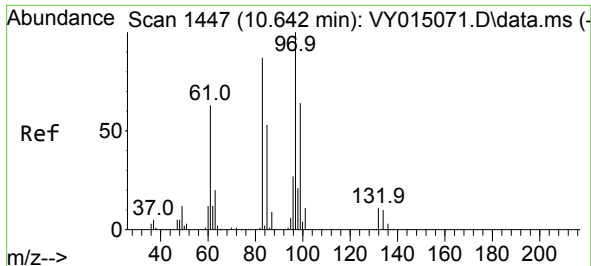
Tgt Ion: 75 Resp: 151766
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 50.556 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY015119.D
 Acq: 15 Aug 2023 21:46

Tgt Ion: 75 Resp: 160659
 Ion Ratio Lower Upper
 75 100
 77 32.6 24.2 36.4
 39 47.0 42.2 63.4

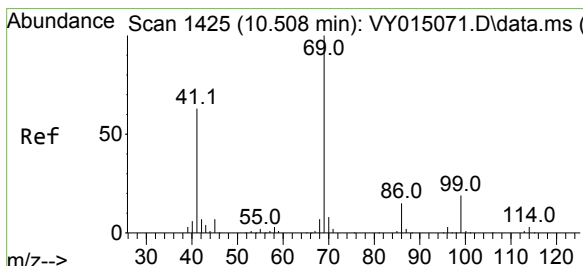
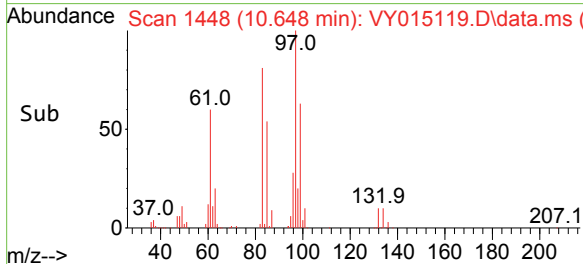
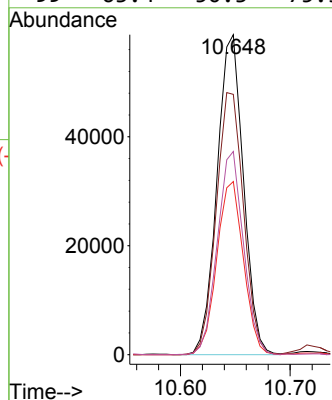
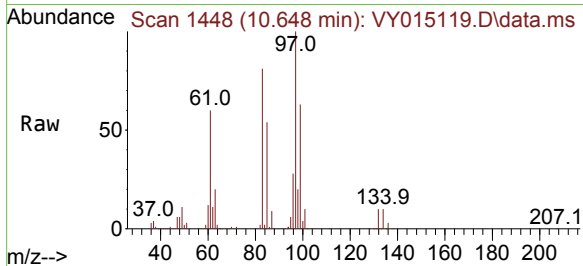




#55
1,1,2-Trichloroethane
Concen: 53.880 ug/l
RT: 10.648 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VY015119.D
Acq: 15 Aug 2023 21:46

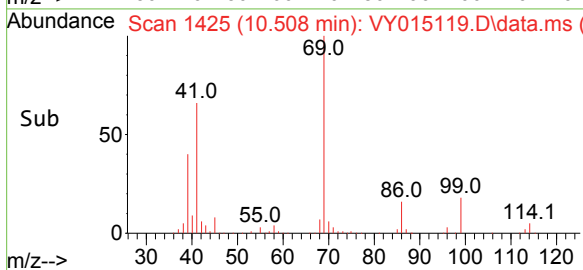
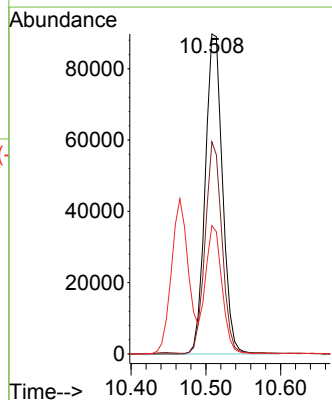
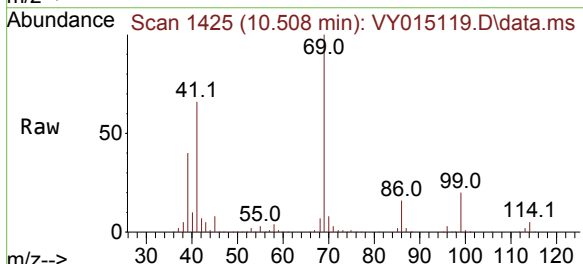
Instrument :
MSVOA_Y
ClientSampleId :

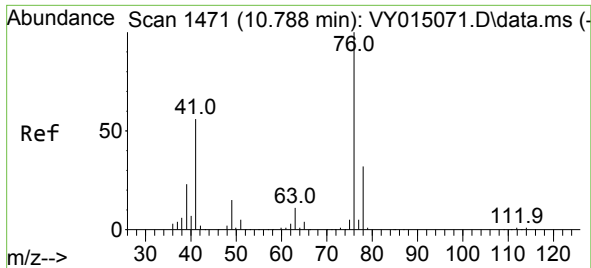
Tgt Ion:	97	Resp:	98574
Ion	Ratio	Lower	Upper
97	100		
83	81.4	72.0	108.0
85	54.1	45.4	68.0
99	63.4	50.3	75.5



#56
Ethyl methacrylate
Concen: 53.819 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY015119.D
Acq: 15 Aug 2023 21:46

Tgt Ion:	69	Resp:	144098
Ion	Ratio	Lower	Upper
69	100		
41	64.0	57.6	86.4
39	37.8	34.1	51.1

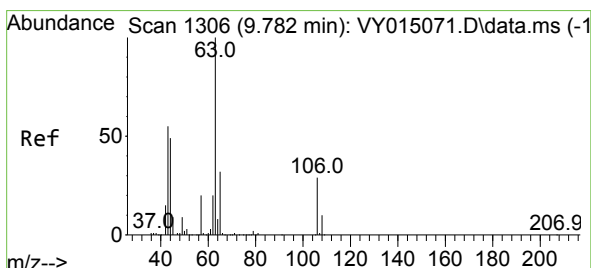
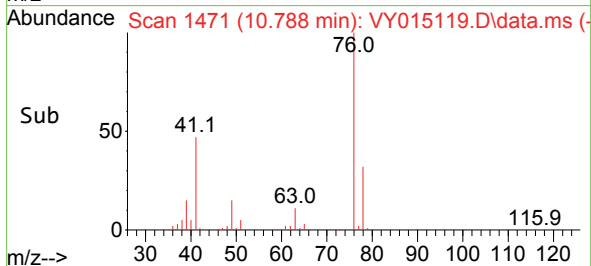
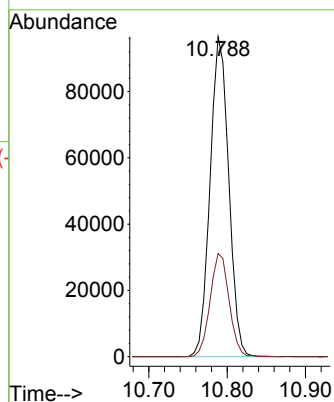
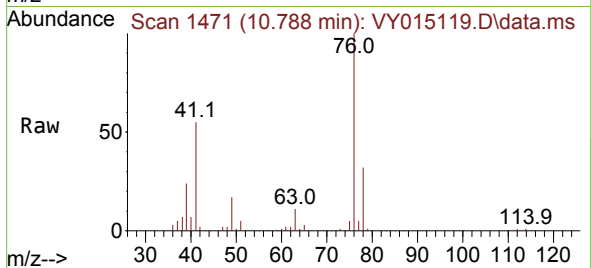




#57
1,3-Dichloropropane
Concen: 53.421 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY015119.D
Acq: 15 Aug 2023 21:46

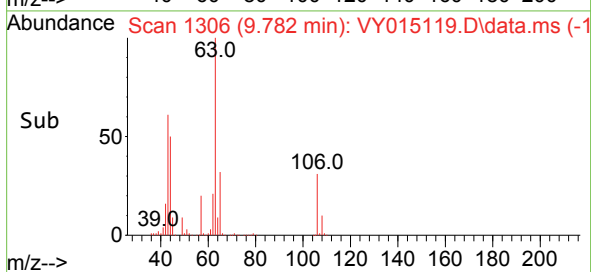
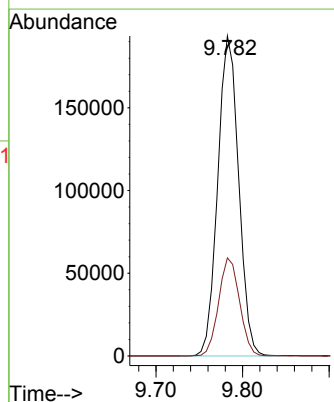
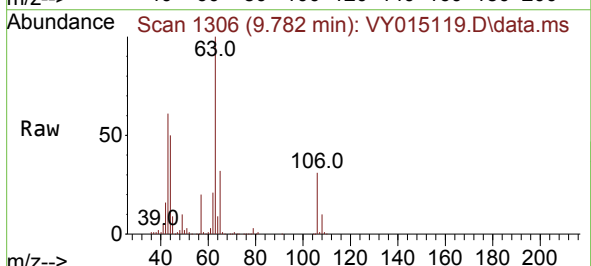
Instrument :
MSVOA_Y
ClientSampleId :

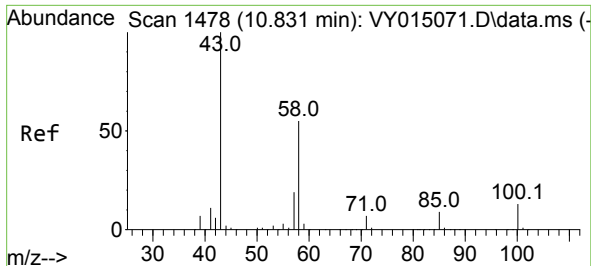
Tgt Ion: 76 Resp: 159675
Ion Ratio Lower Upper
76 100
78 32.7 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 259.971 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. 0.006 min
Lab File: VY015119.D
Acq: 15 Aug 2023 21:46

Tgt Ion: 63 Resp: 323930
Ion Ratio Lower Upper
63 100
106 30.7 21.2 31.8

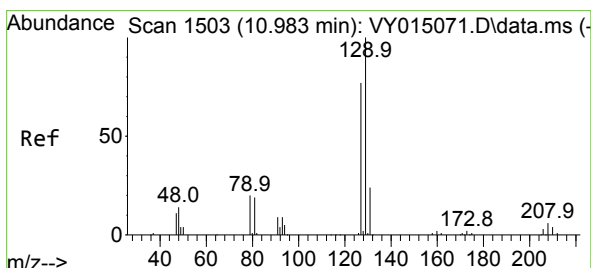
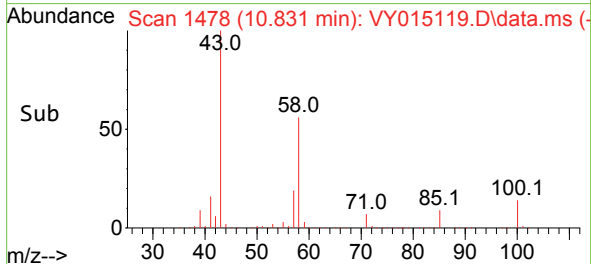
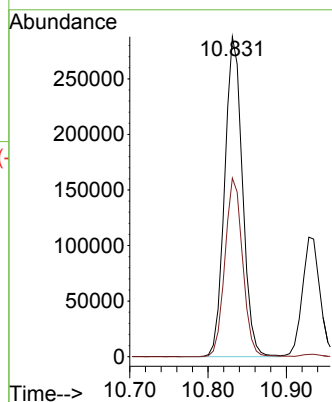
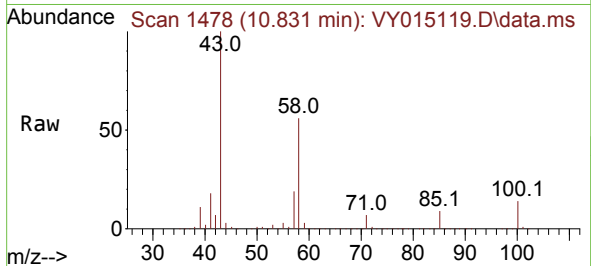




#59
2-Hexanone
Concen: 279.109 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015119.D
Acq: 15 Aug 2023 21:46

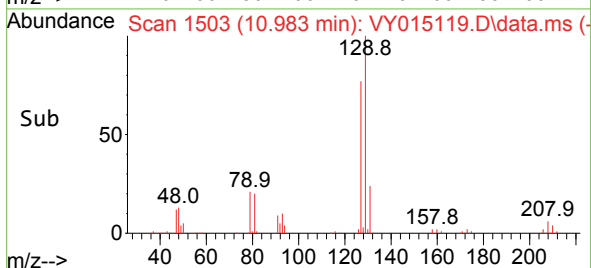
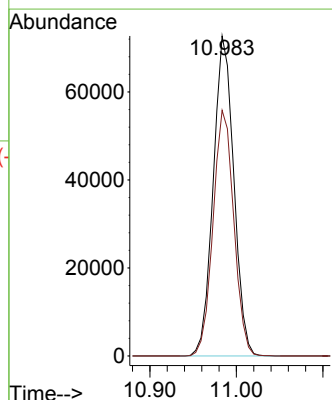
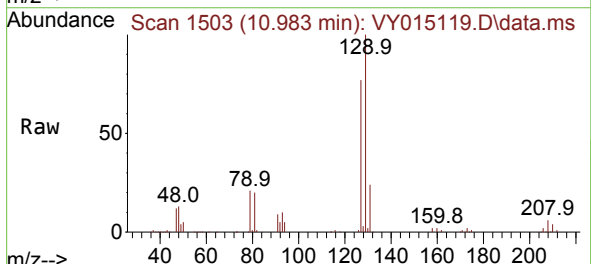
Instrument :
MSVOA_Y
ClientSampleId :

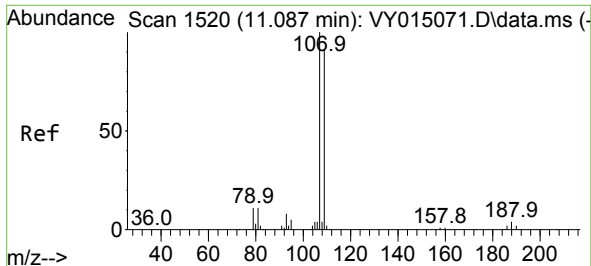
Tgt Ion: 43 Resp: 454738
Ion Ratio Lower Upper
43 100
58 55.4 25.1 75.3



#60
Dibromochloromethane
Concen: 54.941 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY015119.D
Acq: 15 Aug 2023 21:46

Tgt Ion:129 Resp: 119899
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5

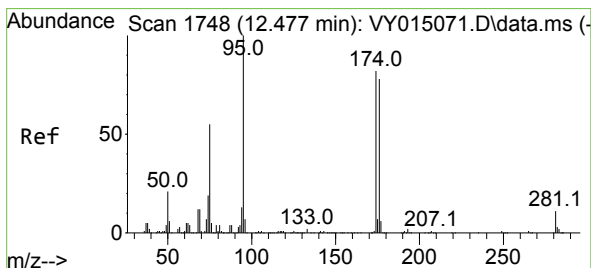
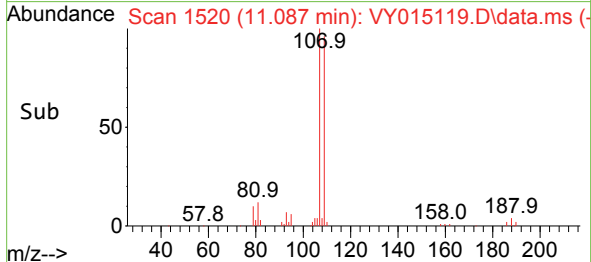
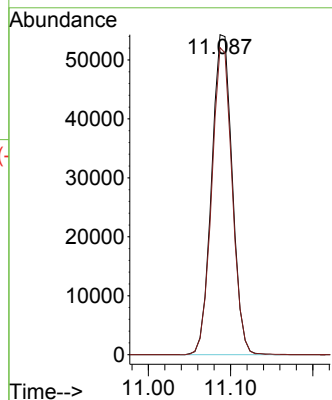
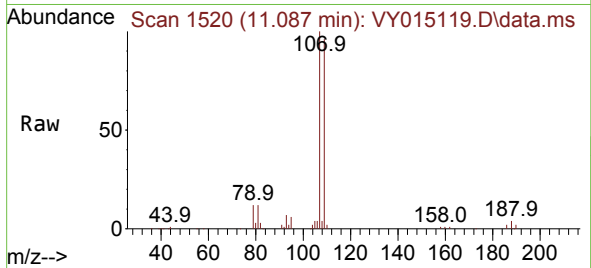




#61
1,2-Dibromoethane
Concen: 54.220 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015119.D
Acq: 15 Aug 2023 21:46

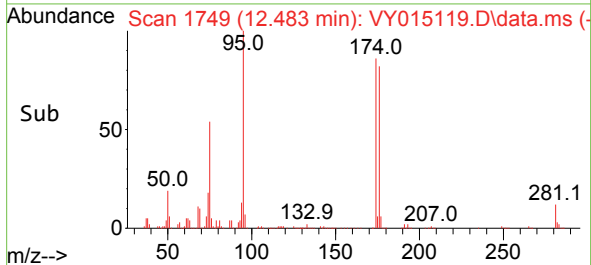
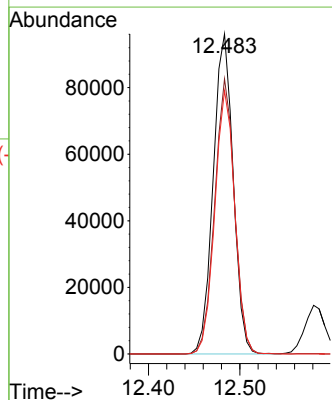
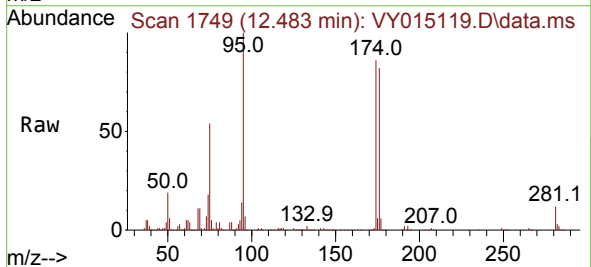
Instrument :
MSVOA_Y
ClientSampleId :

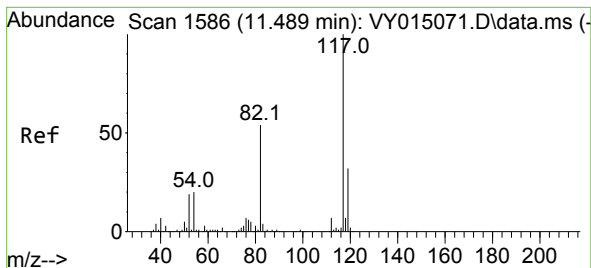
Tgt Ion:107 Resp: 94232
Ion Ratio Lower Upper
107 100
109 95.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 52.996 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015119.D
Acq: 15 Aug 2023 21:46

Tgt Ion: 95 Resp: 145746
Ion Ratio Lower Upper
95 100
174 85.9 0.0 178.2
176 82.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

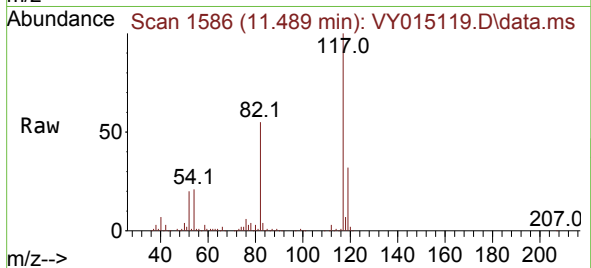
Lab File: VY015119.D

Acq: 15 Aug 2023 21:46

Instrument :

MSVOA_Y

ClientSampleId :



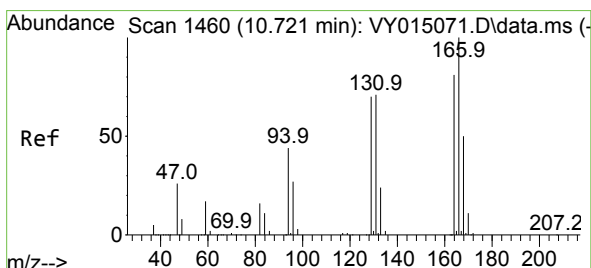
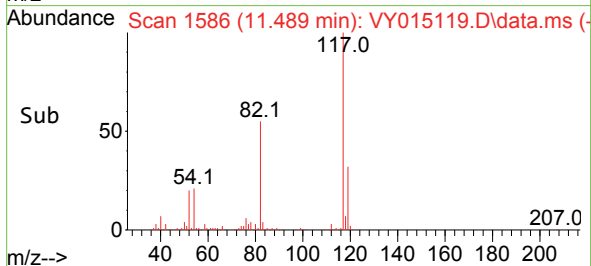
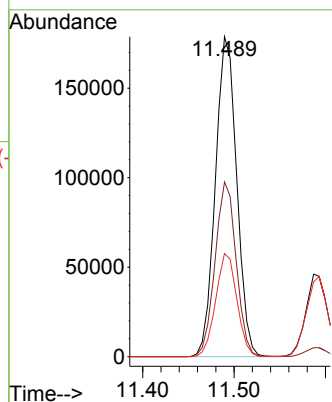
Tgt Ion:117 Resp: 290141

Ion Ratio Lower Upper

117 100

82 54.6 43.4 65.0

119 32.3 26.3 39.5



#64

Tetrachloroethene

Concen: 56.215 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY015119.D

Acq: 15 Aug 2023 21:46

Tgt Ion:164 Resp: 113633

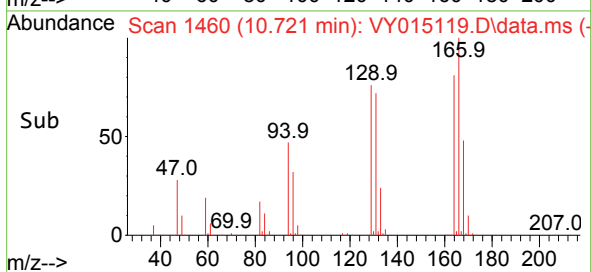
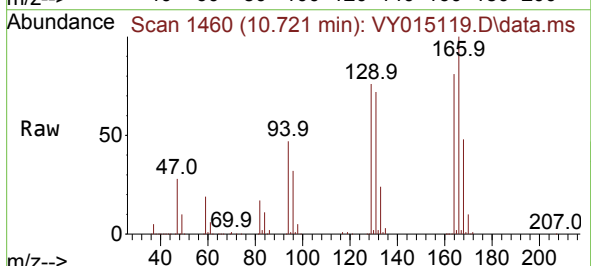
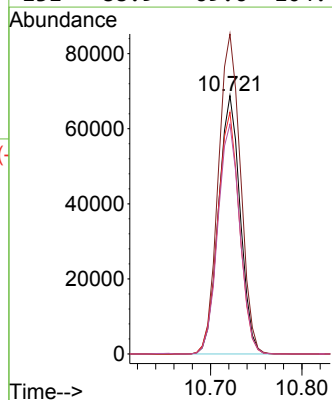
Ion Ratio Lower Upper

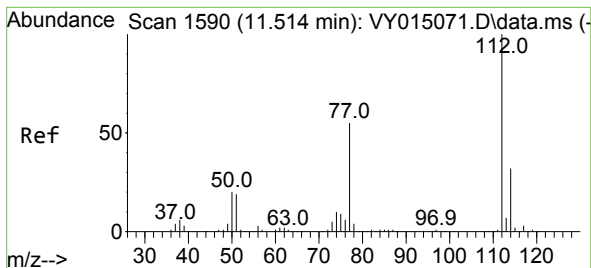
164 100

166 123.8 103.0 154.6

129 93.5 77.2 115.8

131 88.9 69.6 104.4





#65

Chlorobenzene

Concen: 51.193 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015119.D

Acq: 15 Aug 2023 21:46

Instrument :

MSVOA_Y

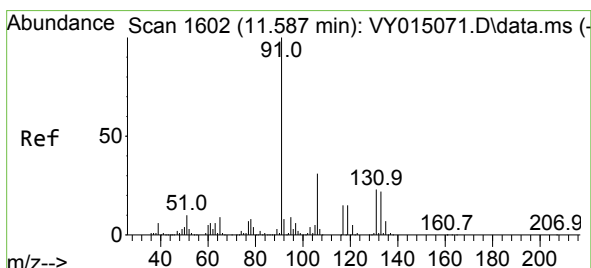
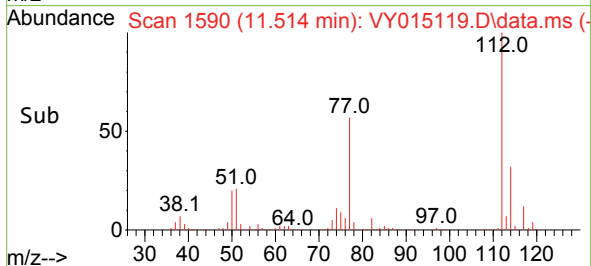
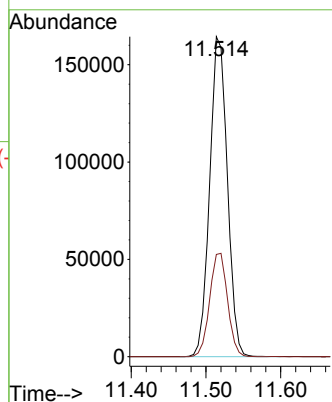
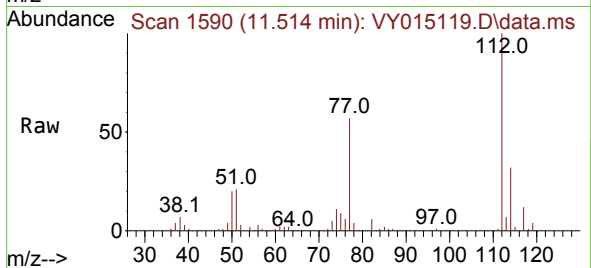
ClientSampleId :

Tgt Ion:112 Resp: 270626

Ion Ratio Lower Upper

112 100

114 32.0 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 53.114 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY015119.D

Acq: 15 Aug 2023 21:46

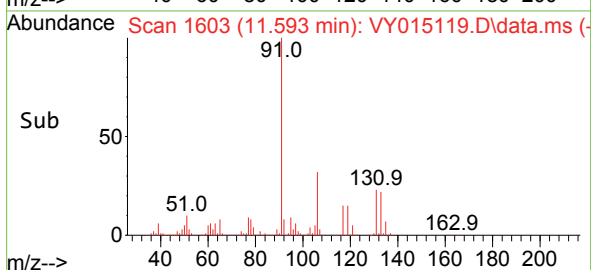
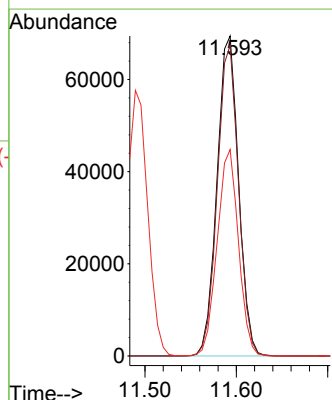
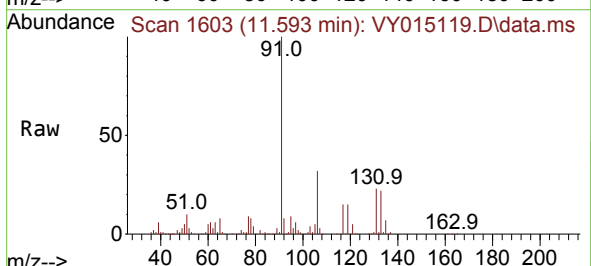
Tgt Ion:131 Resp: 113929

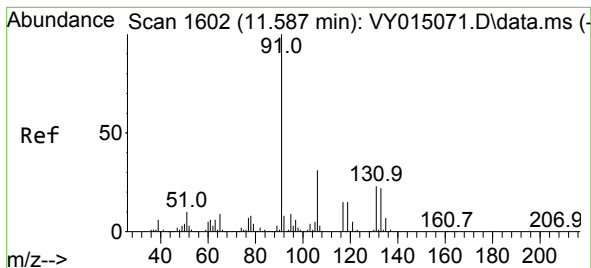
Ion Ratio Lower Upper

131 100

133 95.1 47.5 142.6

119 63.8 31.6 94.7





#67

Ethyl Benzene

Concen: 50.777 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015119.D

Acq: 15 Aug 2023 21:46

Instrument :

MSVOA_Y

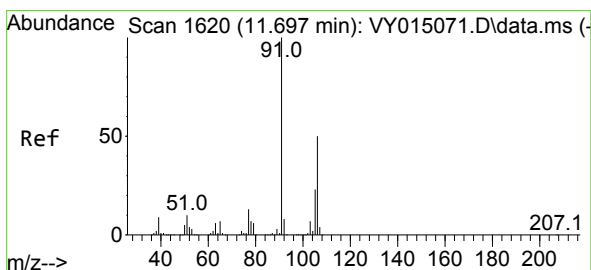
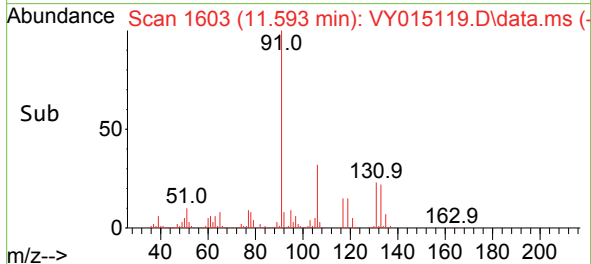
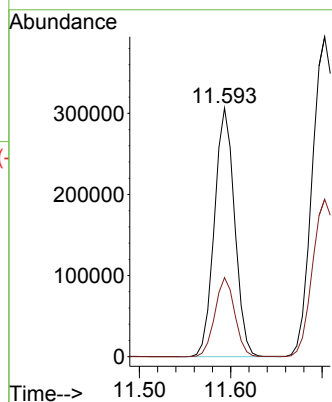
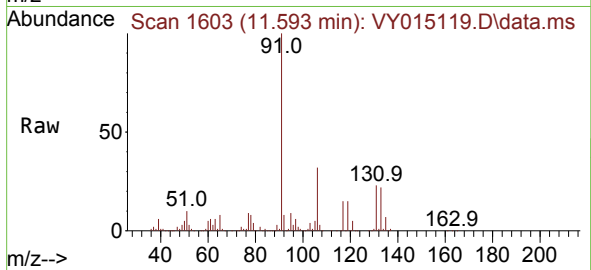
ClientSampleId :

Tgt Ion: 91 Resp: 470313

Ion Ratio Lower Upper

91 100

106 31.8 24.6 36.8



#68

m/p-Xylenes

Concen: 101.277 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY015119.D

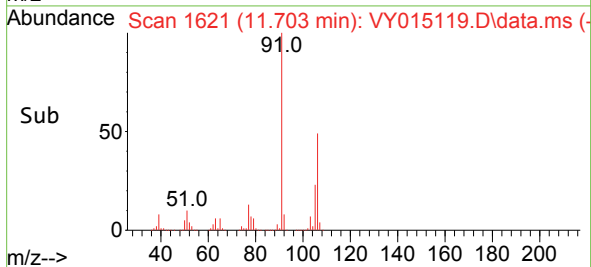
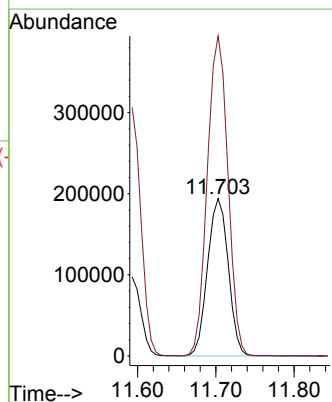
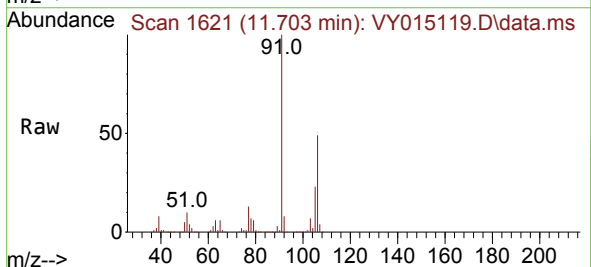
Acq: 15 Aug 2023 21:46

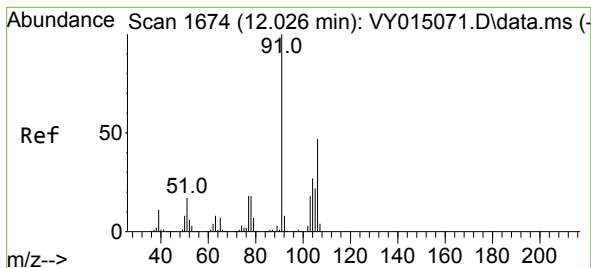
Tgt Ion:106 Resp: 356277

Ion Ratio Lower Upper

106 100

91 202.3 166.1 249.1





#69

o-Xylene

Concen: 51.751 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. 0.006 min

Lab File: VY015119.D

Acq: 15 Aug 2023 21:46

Instrument :

MSVOA_Y

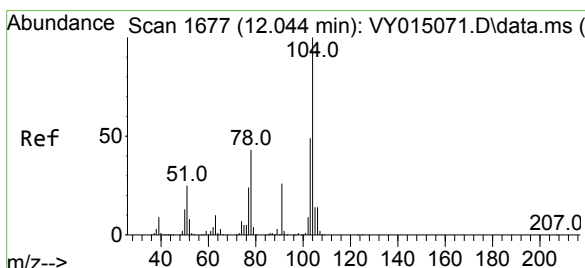
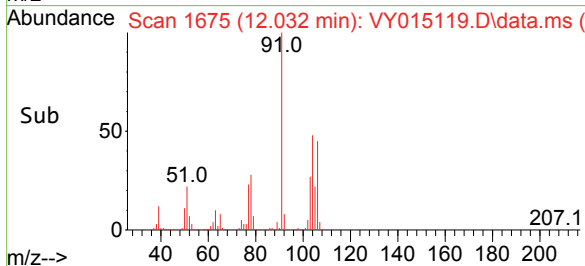
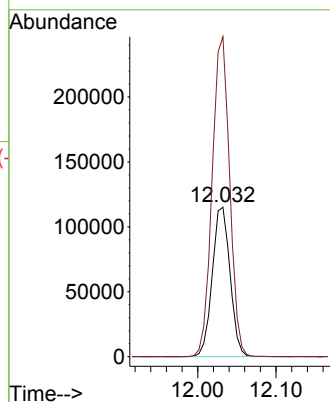
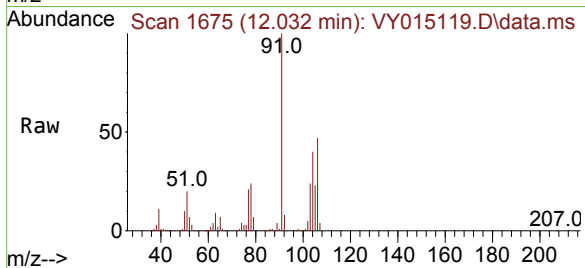
ClientSampleId :

Tgt Ion:106 Resp: 181356

Ion Ratio Lower Upper

106 100

91 211.3 108.1 324.3



#70

Styrene

Concen: 52.118 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY015119.D

Acq: 15 Aug 2023 21:46

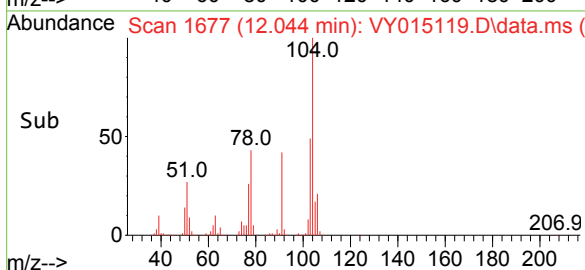
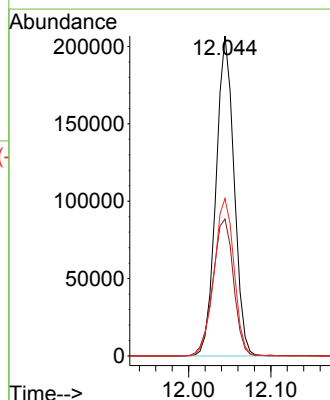
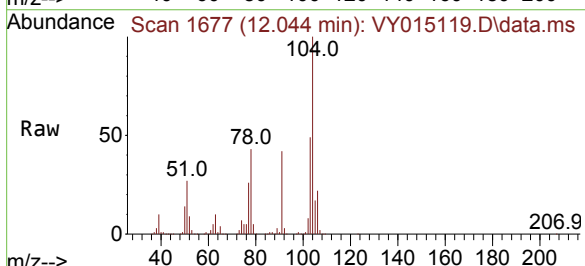
Tgt Ion:104 Resp: 316112

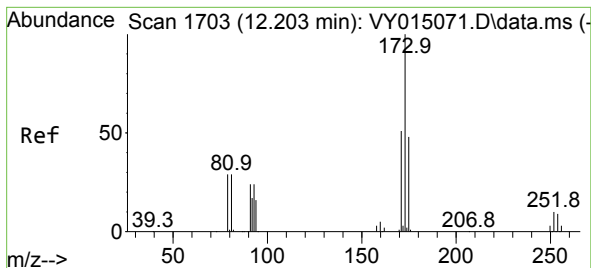
Ion Ratio Lower Upper

104 100

78 49.0 41.5 62.3

103 54.3 44.6 67.0





#71

Bromoform

Concen: 53.877 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015119.D

Acq: 15 Aug 2023 21:46

Instrument :

MSVOA_Y

ClientSampleId :

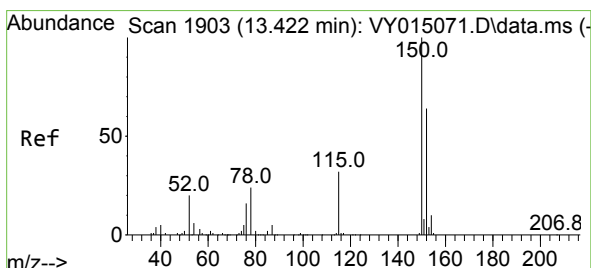
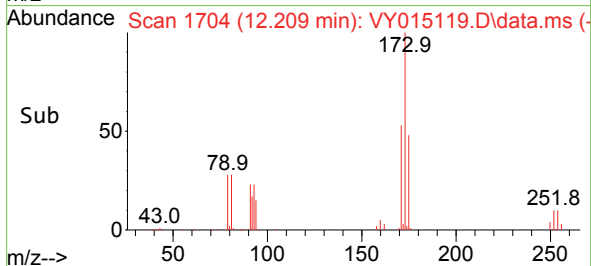
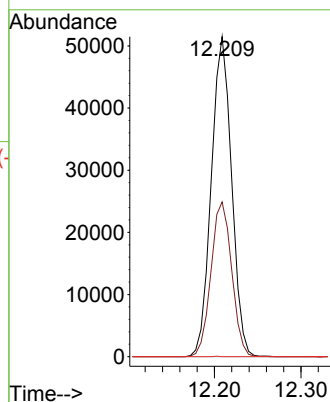
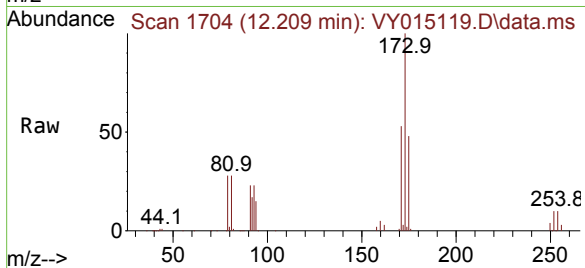
Tgt Ion:173 Resp: 83775

Ion Ratio Lower Upper

173 100

175 49.3 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. 0.006 min

Lab File: VY015119.D

Acq: 15 Aug 2023 21:46

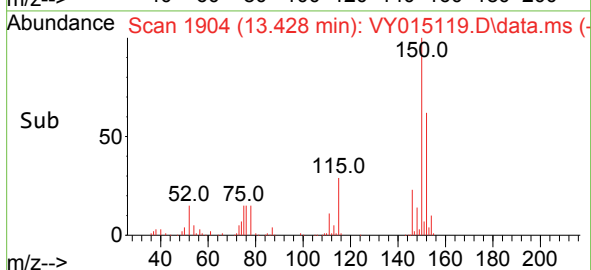
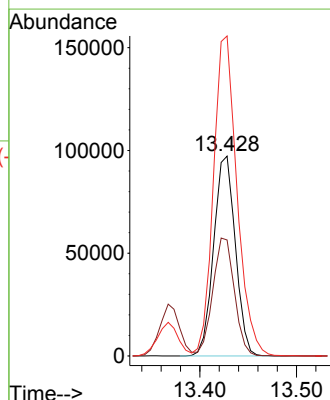
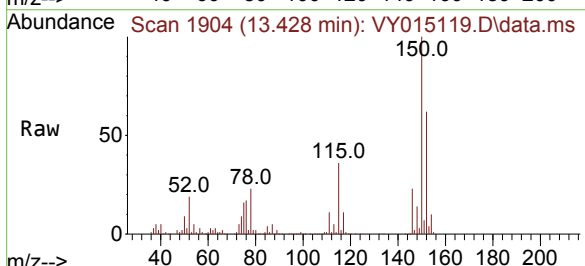
Tgt Ion:152 Resp: 151269

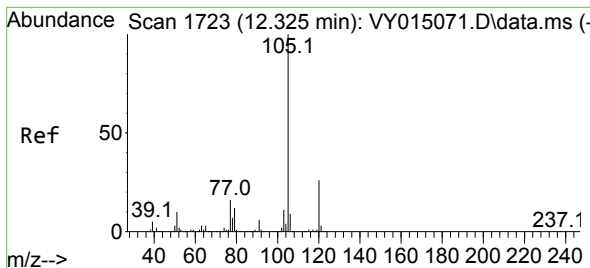
Ion Ratio Lower Upper

152 100

115 59.1 28.8 86.5

150 174.2 0.0 348.8





#73

Isopropylbenzene

Concen: 50.221 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.006 min

Lab File: VY015119.D

Acq: 15 Aug 2023 21:46

Instrument :

MSVOA_Y

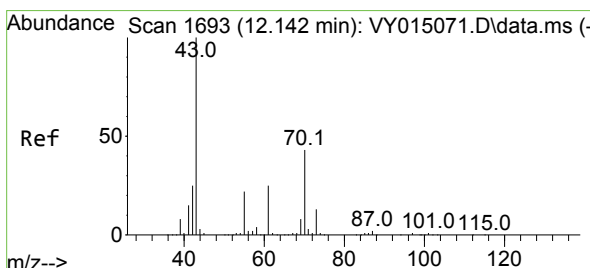
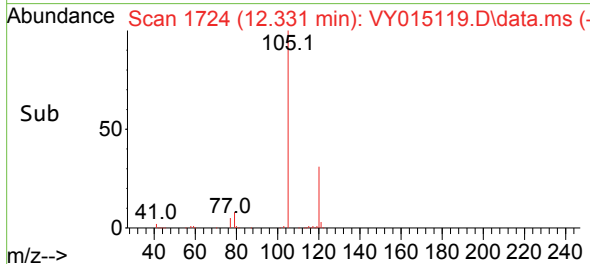
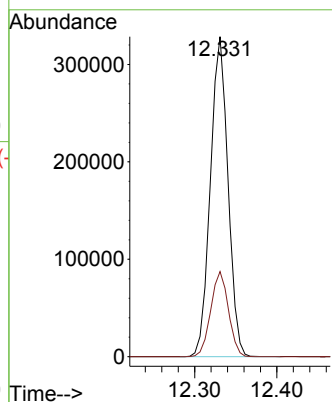
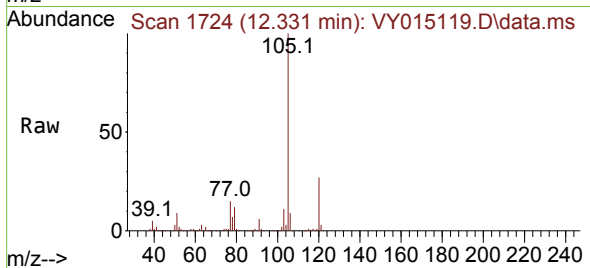
ClientSampleId :

Tgt Ion:105 Resp: 488509

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9



#74

N-ethyl acetate

Concen: 50.035 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY015119.D

Acq: 15 Aug 2023 21:46

Tgt Ion: 43 Resp: 175720

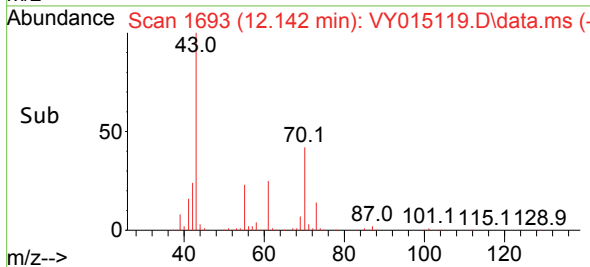
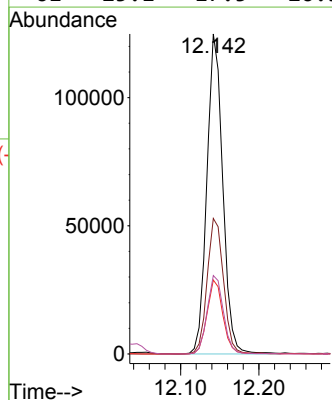
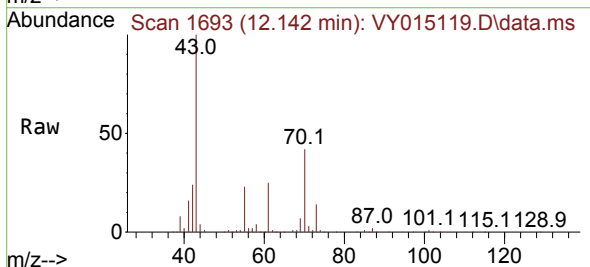
Ion Ratio Lower Upper

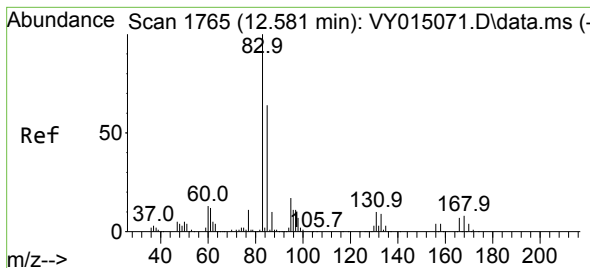
43 100

70 43.7 29.7 44.5

55 23.3 18.3 27.5

61 25.1 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 52.788 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY015119.D

Acq: 15 Aug 2023 21:46

Instrument :

MSVOA_Y

ClientSampleId :

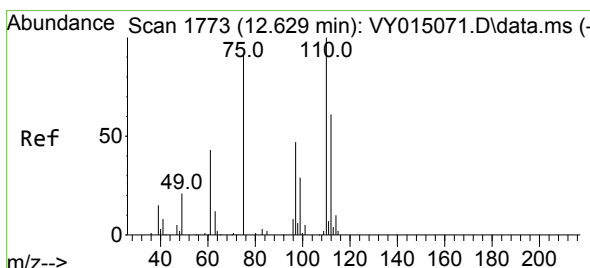
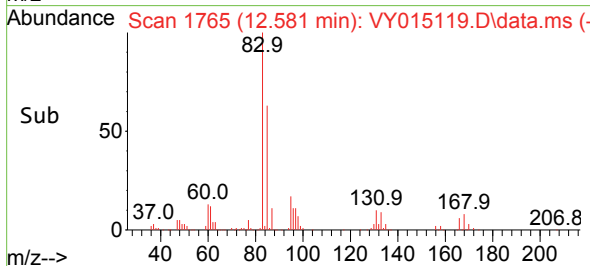
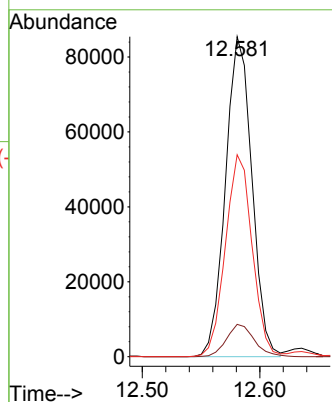
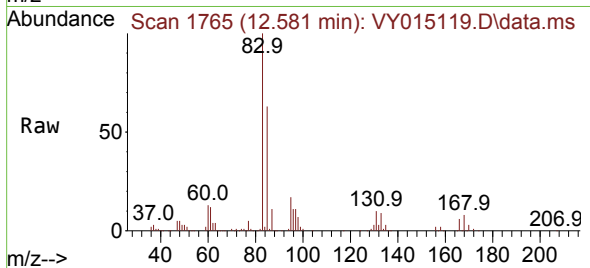
Tgt Ion: 83 Resp: 133731

Ion Ratio Lower Upper

83 100

131 10.6 5.4 16.2

85 63.8 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 93.112 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY015119.D

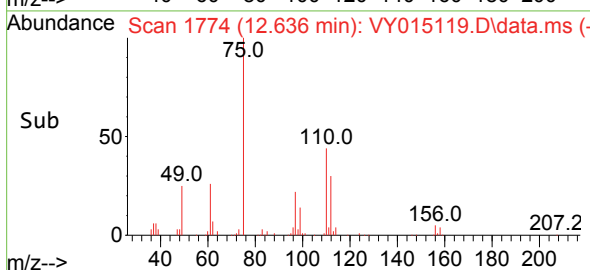
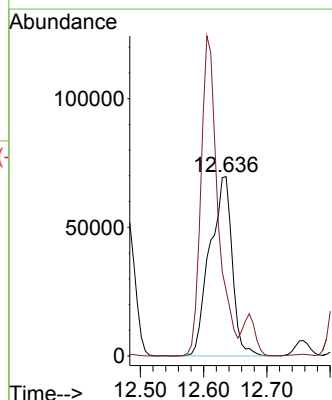
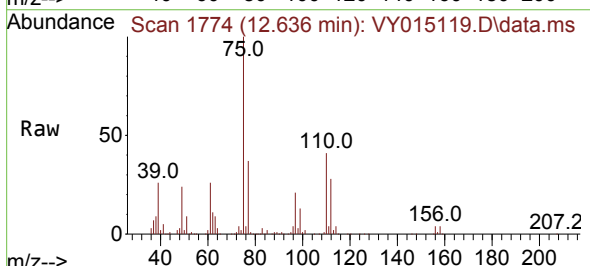
Acq: 15 Aug 2023 21:46

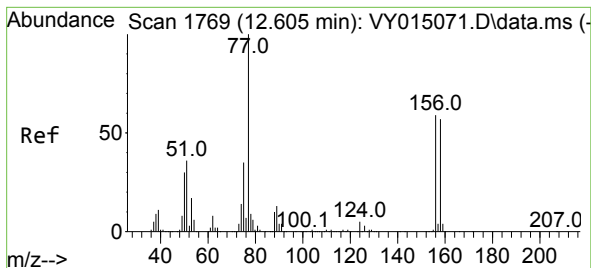
Tgt Ion: 75 Resp: 171122

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.236 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY015119.D

Acq: 15 Aug 2023 21:46

Instrument :

MSVOA_Y

ClientSampleId :

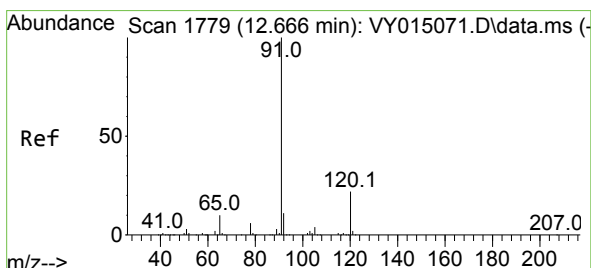
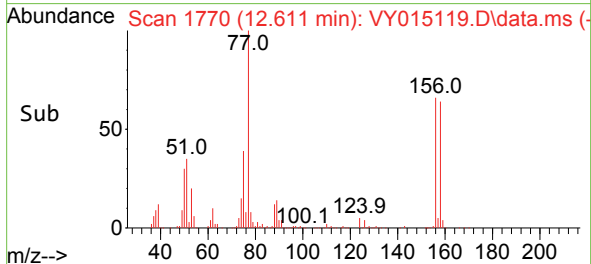
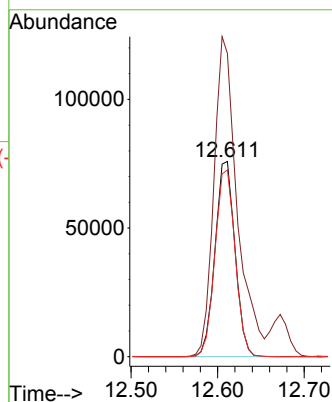
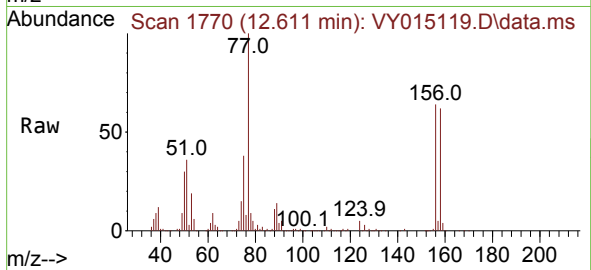
Tgt Ion:156 Resp: 121481

Ion Ratio Lower Upper

156 100

77 191.3 92.8 278.6

158 96.6 48.4 145.3



#78

n-propylbenzene

Concen: 49.813 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY015119.D

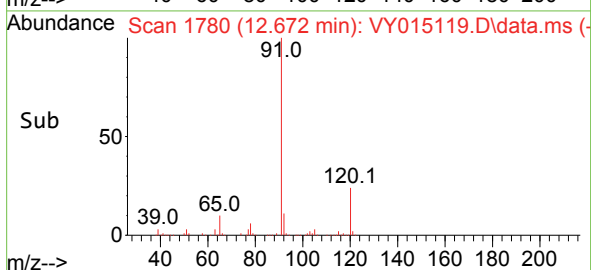
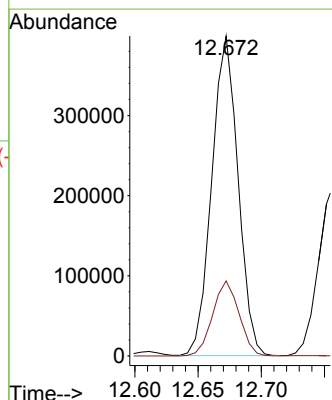
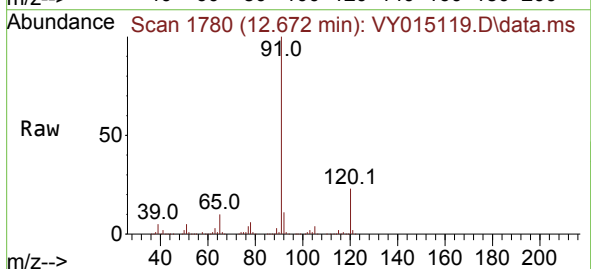
Acq: 15 Aug 2023 21:46

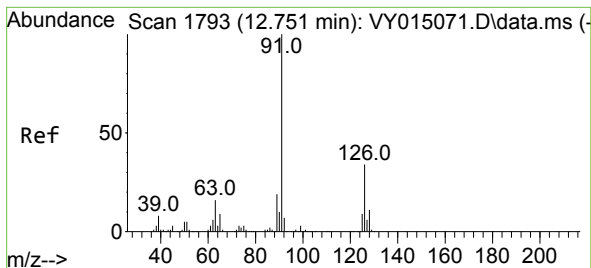
Tgt Ion: 91 Resp: 575382

Ion Ratio Lower Upper

91 100

120 23.6 11.5 34.4





#79

2-Chlorotoluene

Concen: 50.191 ug/l

RT: 12.758 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VY015119.D

Acq: 15 Aug 2023 21:46

Instrument :

MSVOA_Y

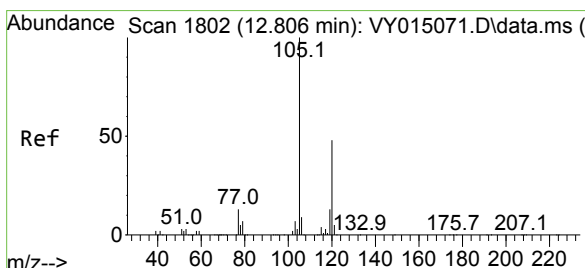
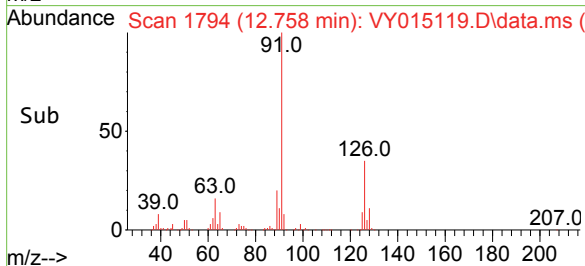
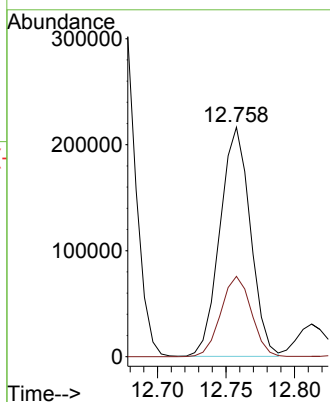
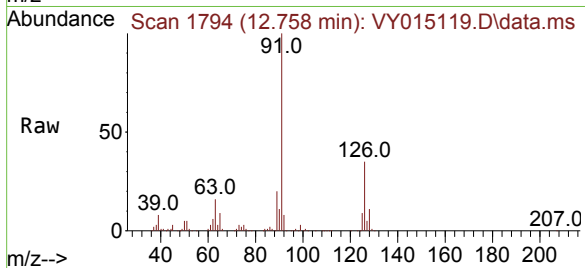
ClientSampleId :

Tgt Ion: 91 Resp: 334442

Ion Ratio Lower Upper

91 100

126 35.2 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 50.581 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY015119.D

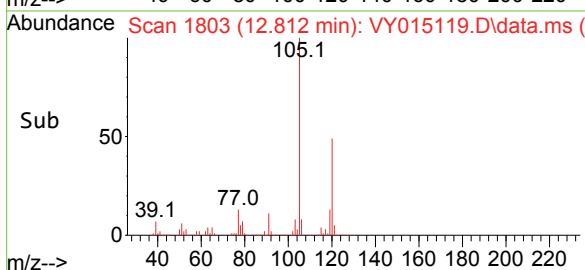
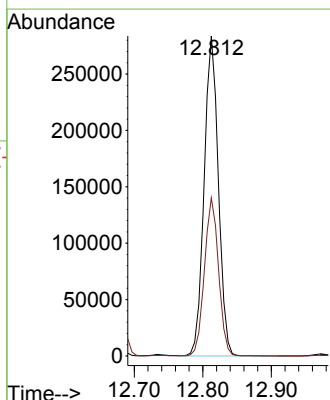
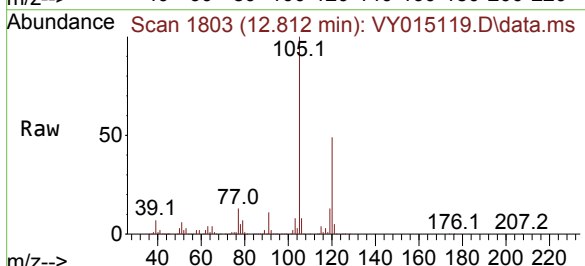
Acq: 15 Aug 2023 21:46

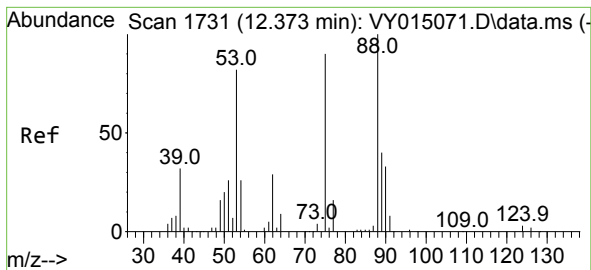
Tgt Ion:105 Resp: 410119

Ion Ratio Lower Upper

105 100

120 49.1 23.9 71.7

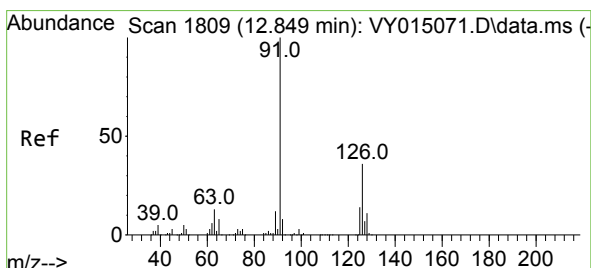
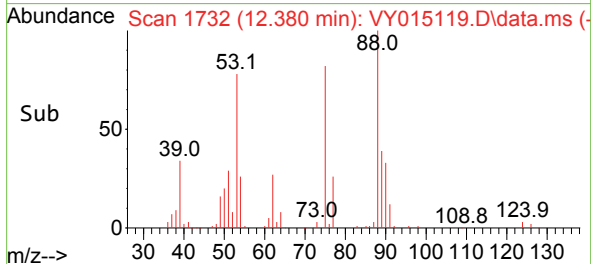
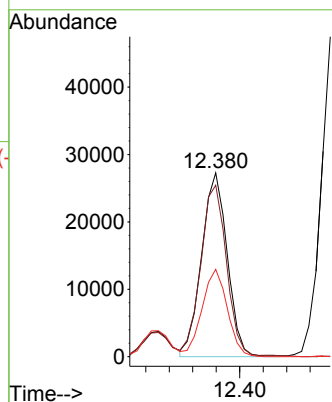
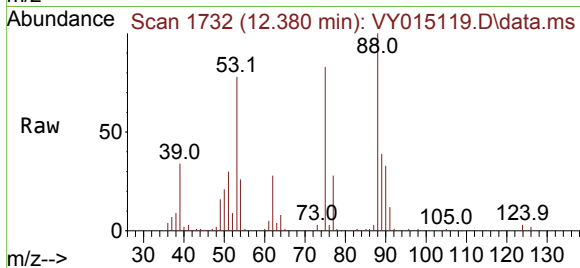




#81
trans-1,4-Dichloro-2-butene
Concen: 49.493 ug/l
RT: 12.380 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015119.D
Acq: 15 Aug 2023 21:46

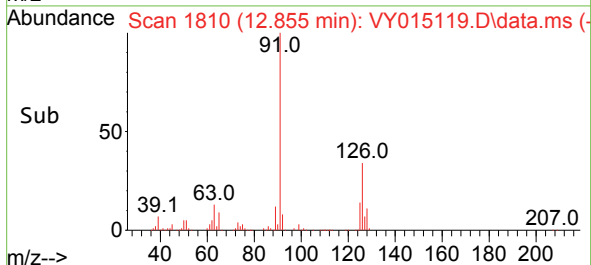
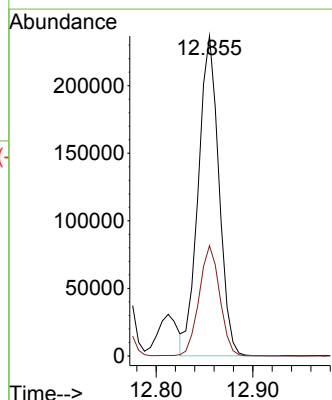
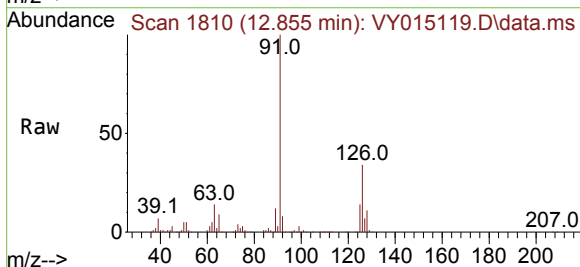
Instrument :
MSVOA_Y
ClientSampleId :

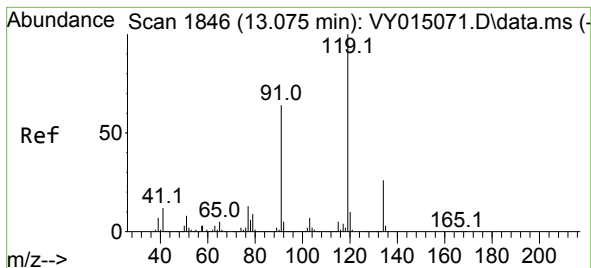
Tgt Ion: 75 Resp: 41411
Ion Ratio Lower Upper
75 100
53 94.2 77.8 116.8
89 46.8 37.4 56.0



#82
4-Chlorotoluene
Concen: 50.682 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY015119.D
Acq: 15 Aug 2023 21:46

Tgt Ion: 91 Resp: 348905
Ion Ratio Lower Upper
91 100
126 34.8 17.2 51.6





#83

tert-Butylbenzene

Concen: 50.288 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY015119.D

Acq: 15 Aug 2023 21:46

Instrument :

MSVOA_Y

ClientSampleId :

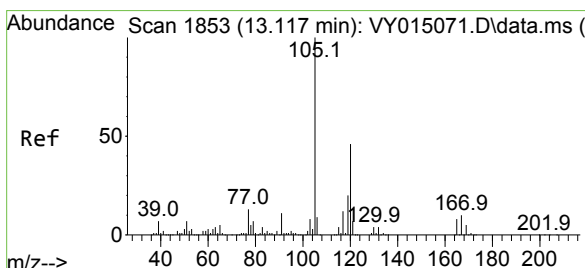
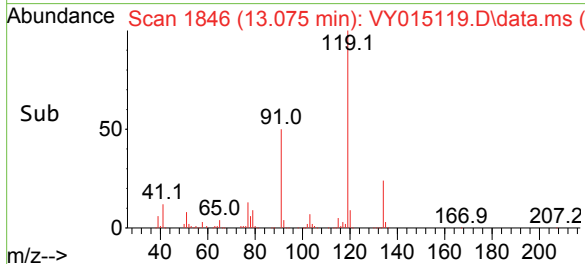
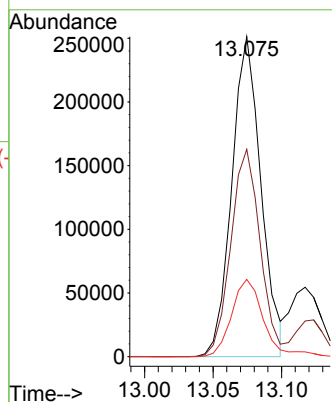
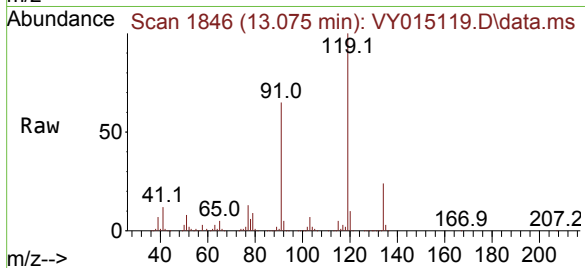
Tgt Ion:119 Resp: 372957

Ion Ratio Lower Upper

119 100

91 64.9 32.9 98.6

134 26.5 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 50.591 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY015119.D

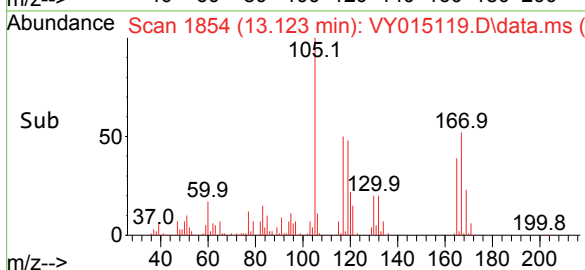
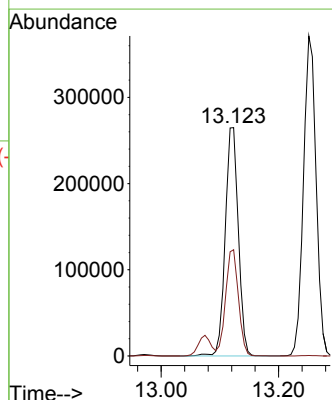
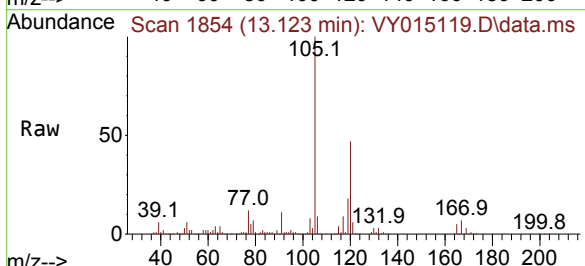
Acq: 15 Aug 2023 21:46

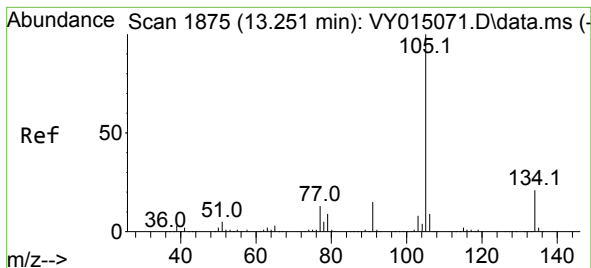
Tgt Ion:105 Resp: 409896

Ion Ratio Lower Upper

105 100

120 45.6 22.2 66.6





#85

sec-Butylbenzene

Concen: 50.829 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015119.D

Acq: 15 Aug 2023 21:46

Instrument :

MSVOA_Y

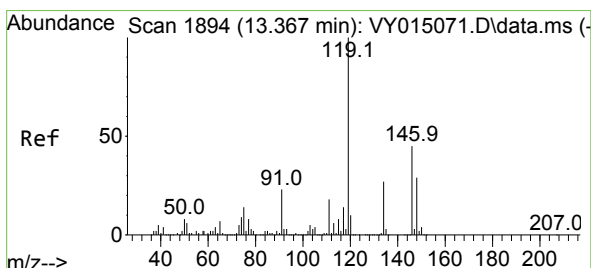
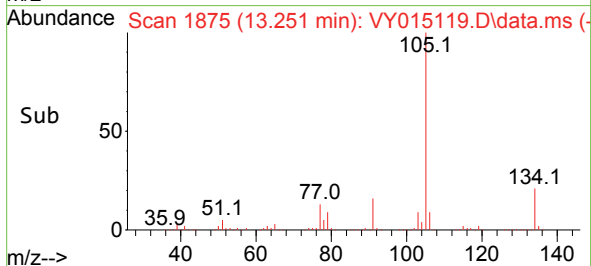
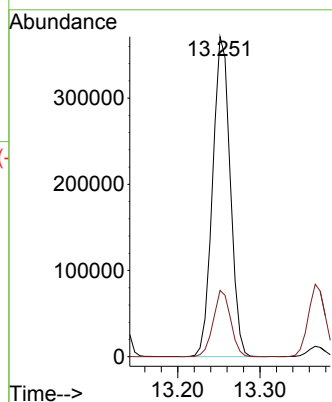
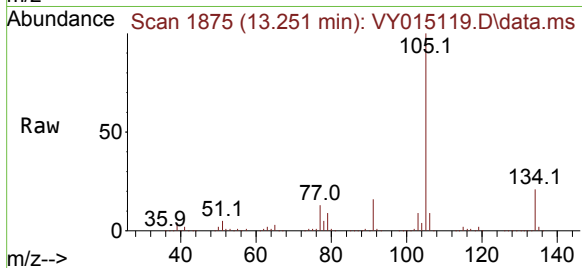
ClientSampleId :

Tgt Ion:105 Resp: 552336

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.6



#86

p-Isopropyltoluene

Concen: 50.760 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015119.D

Acq: 15 Aug 2023 21:46

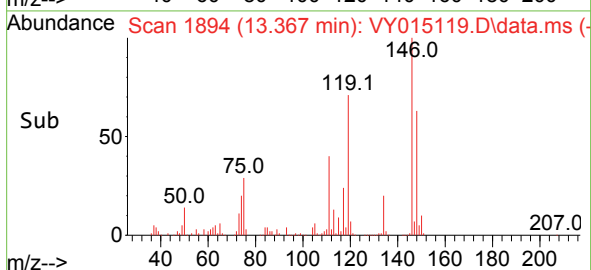
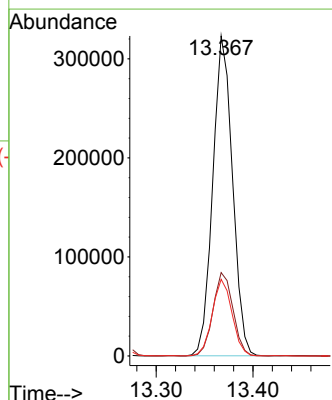
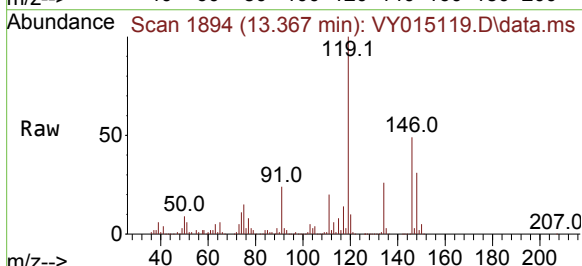
Tgt Ion:119 Resp: 457315

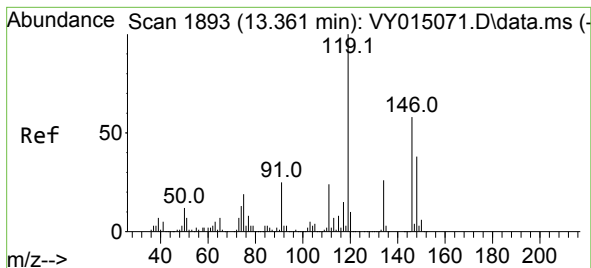
Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.8

91 24.0 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 50.880 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015119.D

Acq: 15 Aug 2023 21:46

Instrument :

MSVOA_Y

ClientSampleId :

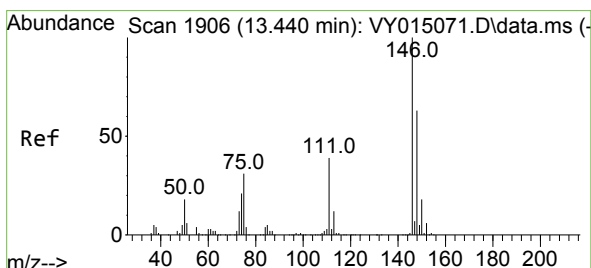
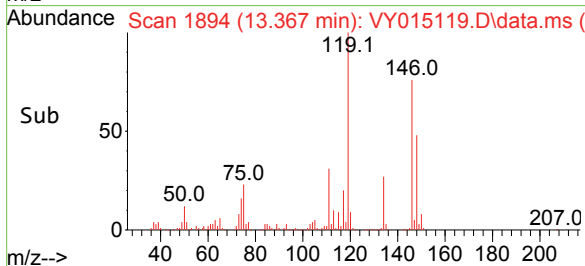
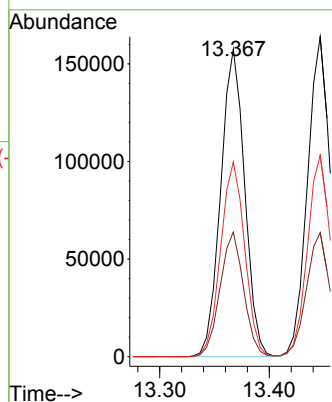
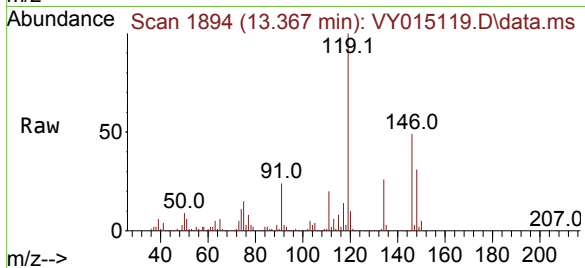
Tgt Ion:146 Resp: 239275

Ion Ratio Lower Upper

146 100

111 39.9 19.4 58.2

148 63.6 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 51.218 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY015119.D

Acq: 15 Aug 2023 21:46

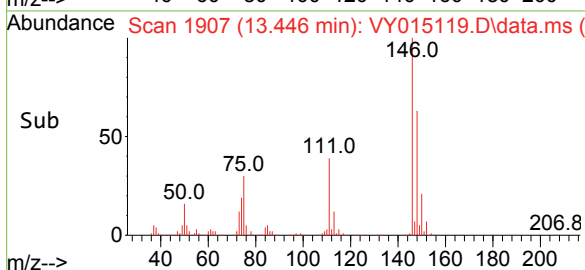
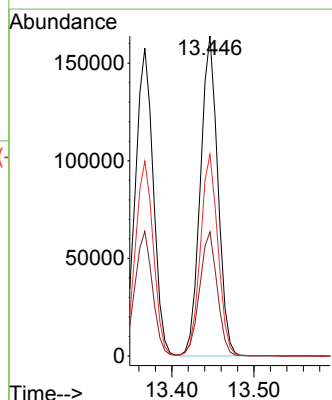
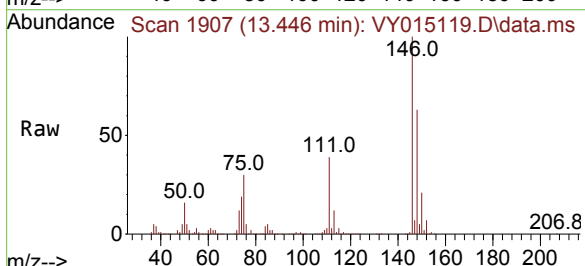
Tgt Ion:146 Resp: 241588

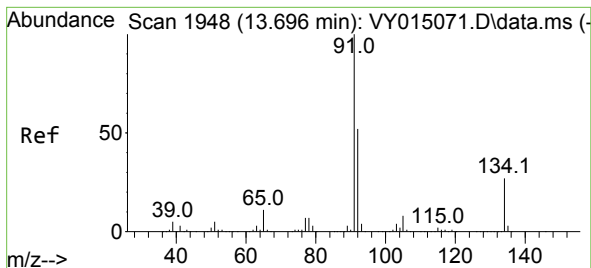
Ion Ratio Lower Upper

146 100

111 39.1 18.9 56.7

148 63.4 32.1 96.5





#89

n-Butylbenzene

Concen: 50.049 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY015119.D

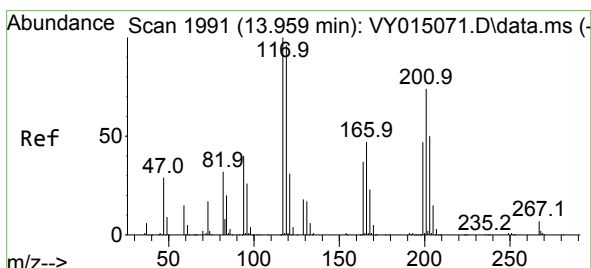
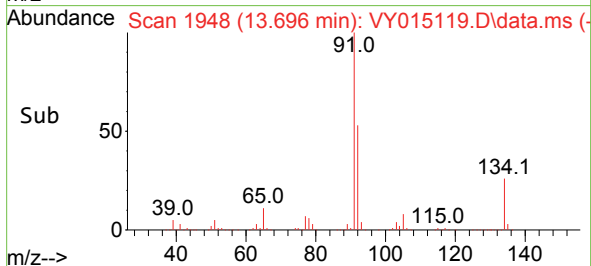
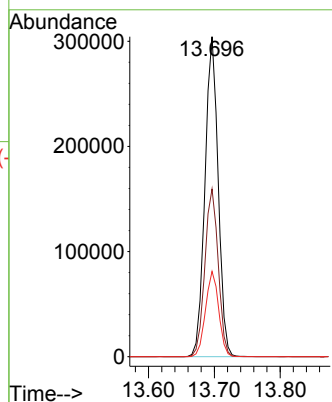
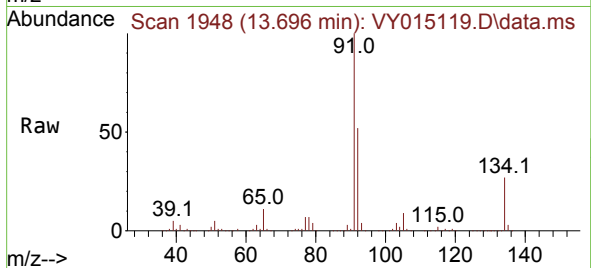
Acq: 15 Aug 2023 21:46

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	91	Resp:	425144
Ion	Ratio	Lower	Upper
91	100		
92	53.1	25.4	76.0
134	26.7	12.6	37.6



#90

Hexachloroethane

Concen: 51.053 ug/l

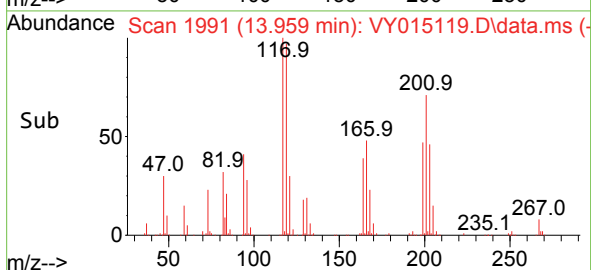
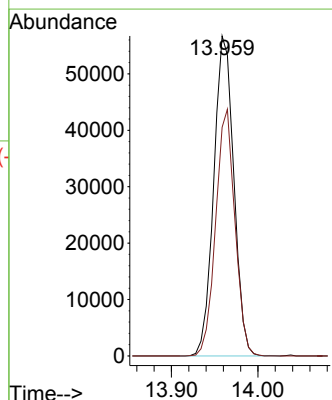
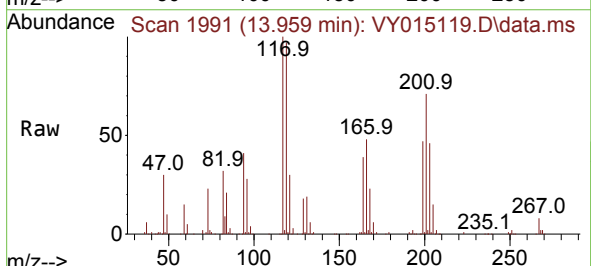
RT: 13.959 min Scan# 1991

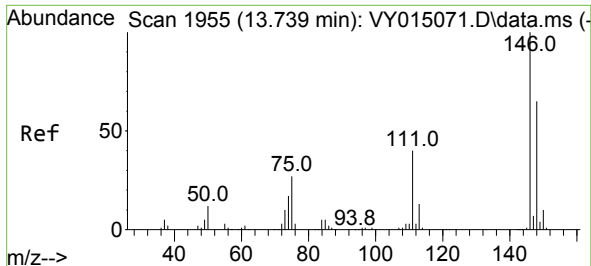
Delta R.T. 0.000 min

Lab File: VY015119.D

Acq: 15 Aug 2023 21:46

Tgt Ion:	117	Resp:	91247
Ion	Ratio	Lower	Upper
117	100		
201	74.0	41.6	124.8





#91

1,2-Dichlorobenzene

Concen: 51.791 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.006 min

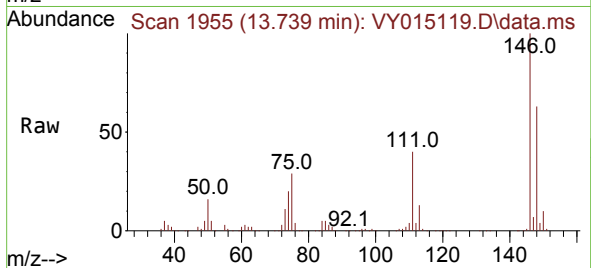
Lab File: VY015119.D

Acq: 15 Aug 2023 21:46

Instrument :

MSVOA_Y

ClientSampleId :



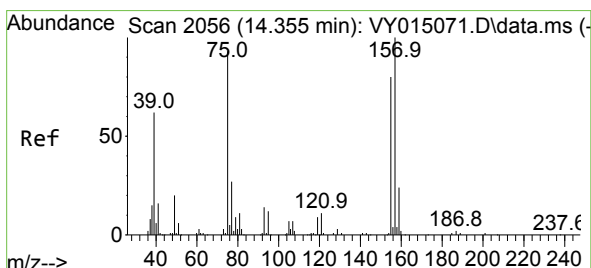
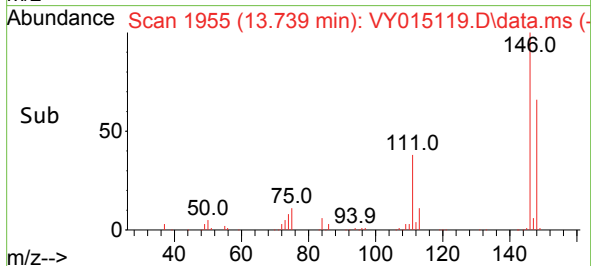
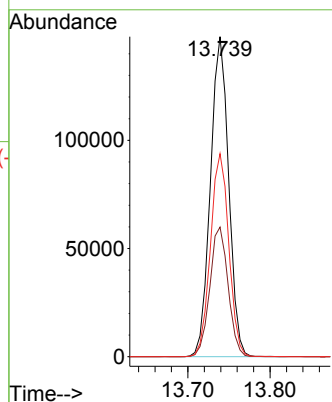
Tgt Ion:146 Resp: 227533

Ion Ratio Lower Upper

146 100

111 40.8 19.7 59.0

148 64.0 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 56.453 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY015119.D

Acq: 15 Aug 2023 21:46

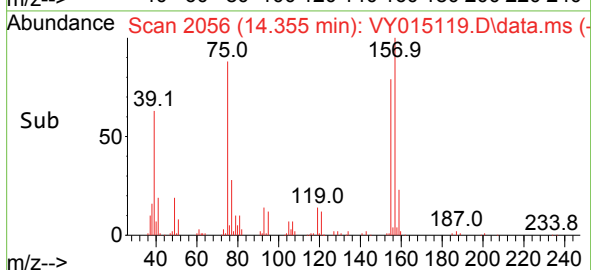
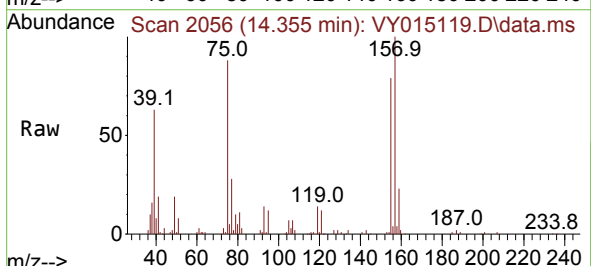
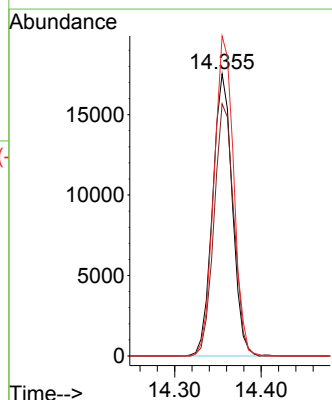
Tgt Ion: 75 Resp: 27705

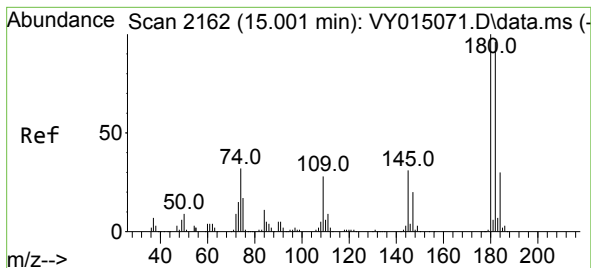
Ion Ratio Lower Upper

75 100

155 89.7 41.5 124.6

157 112.9 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 51.664 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.000 min

Lab File: VY015119.D

Acq: 15 Aug 2023 21:46

Instrument :

MSVOA_Y

ClientSampleId :

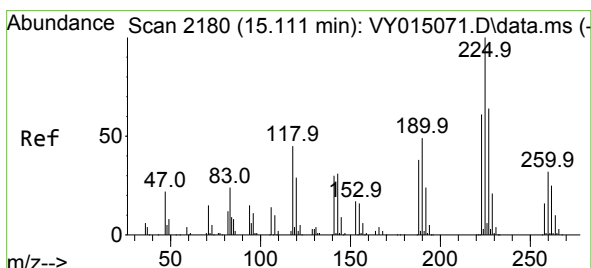
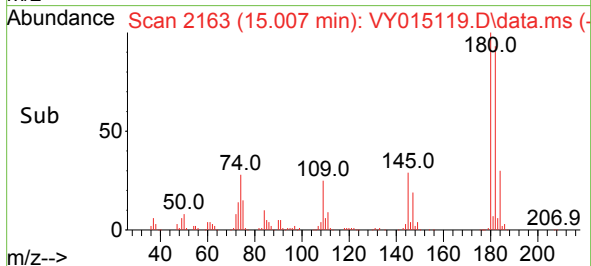
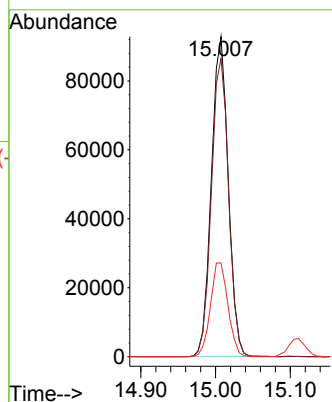
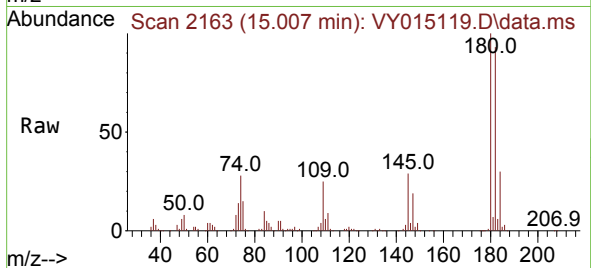
Tgt Ion:180 Resp: 145716

Ion Ratio Lower Upper

180 100

182 94.7 47.0 141.2

145 30.4 14.5 43.5



#94

Hexachlorobutadiene

Concen: 50.914 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY015119.D

Acq: 15 Aug 2023 21:46

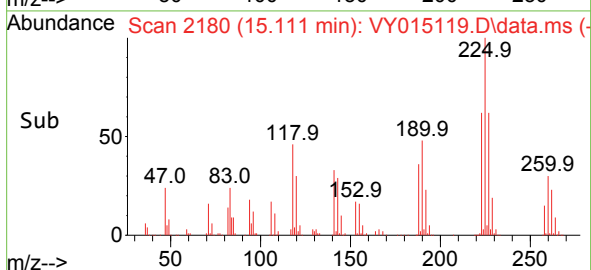
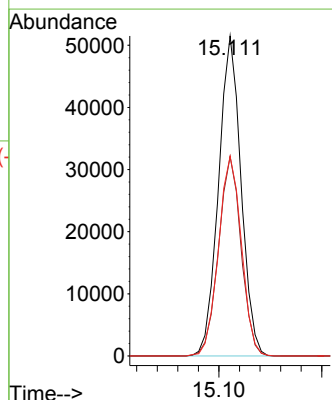
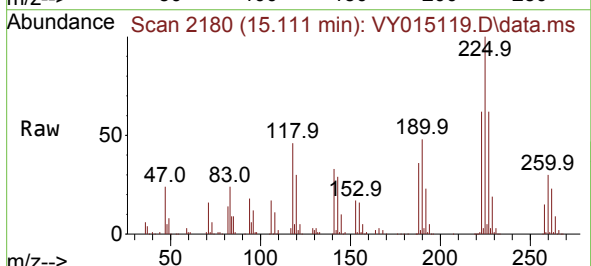
Tgt Ion:225 Resp: 78111

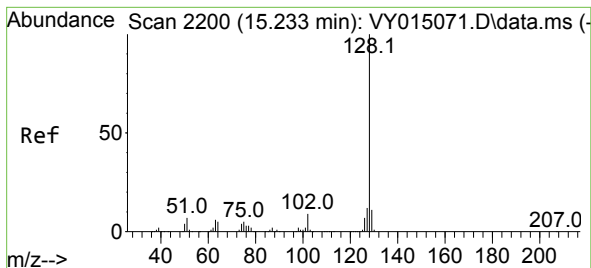
Ion Ratio Lower Upper

225 100

223 62.5 31.9 95.9

227 63.7 33.0 98.9





#95

Naphthalene

Concen: 54.723 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY015119.D

Acq: 15 Aug 2023 21:46

Instrument :

MSVOA_Y

ClientSampleId :

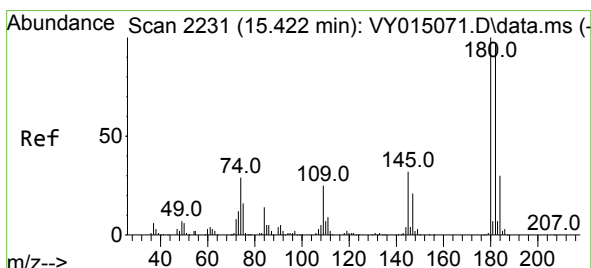
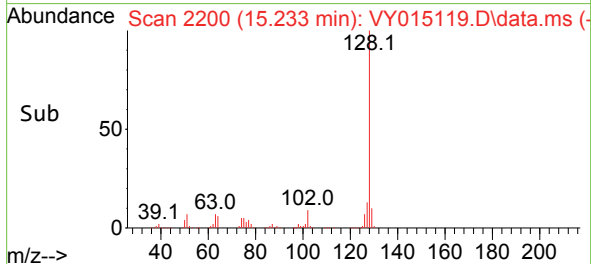
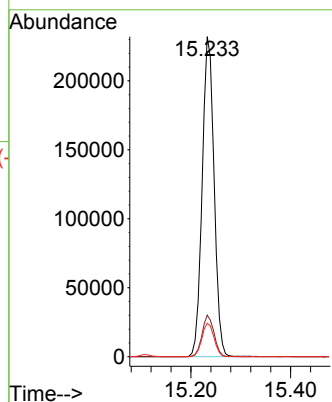
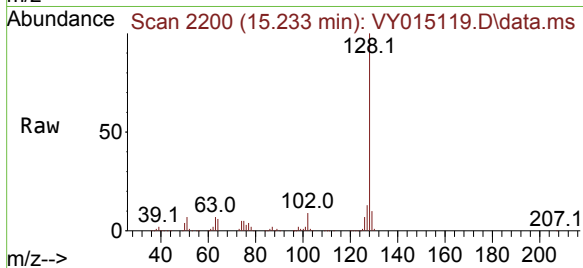
Tgt Ion:128 Resp: 384482

Ion Ratio Lower Upper

128 100

127 13.0 10.8 16.2

129 10.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 54.187 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY015119.D

Acq: 15 Aug 2023 21:46

Tgt Ion:180 Resp: 138025

Ion Ratio Lower Upper

180 100

182 93.4 47.3 141.8

145 31.9 15.4 46.2

