

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101823\
 Data File : VY016020.D
 Acq On : 18 Oct 2023 14:34
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 19 03:22:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 19 03:15:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	208858	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	337825	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	308044	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	157193	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	112169	47.253	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.500%
35) Dibromofluoromethane	7.716	113	108098	48.614	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.220%
50) Toluene-d8	10.179	98	393906	48.776	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.560%
62) 4-Bromofluorobenzene	12.483	95	140302	48.690	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.380%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	91065	52.755	ug/l	97
3) Chloromethane	2.113	50	115729	53.096	ug/l	97
4) Vinyl Chloride	2.247	62	128458	52.513	ug/l	97
5) Bromomethane	2.649	94	92332	51.744	ug/l	100
6) Chloroethane	2.790	64	86270	54.845	ug/l	99
7) Trichlorofluoromethane	3.125	101	187300	50.313	ug/l	98
8) Diethyl Ether	3.533	74	67788	51.541	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.893	101	108536	50.684	ug/l	96
10) Methyl Iodide	4.088	142	156473	55.959	ug/l	96
11) Tert butyl alcohol	4.978	59	65841	179.679	ug/l #	82
12) 1,1-Dichloroethene	3.869	96	104519	52.164	ug/l	91
13) Acrolein	3.735	56	58074	225.379	ug/l	98
14) Allyl chloride	4.478	41	165358	52.778	ug/l	94
15) Acrylonitrile	5.161	53	182880	233.078	ug/l	98
16) Acetone	3.954	43	204873	232.825	ug/l	93
17) Carbon Disulfide	4.192	76	306374	52.194	ug/l	99
18) Methyl Acetate	4.478	43	138194	45.629	ug/l #	90
19) Methyl tert-butyl Ether	5.222	73	335415	51.890	ug/l	98
20) Methylene Chloride	4.716	84	143688	54.967	ug/l	88
21) trans-1,2-Dichloroethene	5.216	96	122429	52.470	ug/l	96
22) Diisopropyl ether	6.118	45	363832	53.331	ug/l	93
23) Vinyl Acetate	6.063	43	1100402	260.029	ug/l #	92
24) 1,1-Dichloroethane	6.015	63	212750	52.567	ug/l	97
25) 2-Butanone	6.984	43	273447	226.873	ug/l	94
26) 2,2-Dichloropropane	6.978	77	191940	52.710	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	141276	52.574	ug/l	94
28) Bromochloromethane	7.332	49	92610	53.504	ug/l	90
29) Tetrahydrofuran	7.350	42	164198	225.064	ug/l	90
30) Chloroform	7.502	83	227385	52.399	ug/l	97
31) Cyclohexane	7.783	56	180355	48.542	ug/l	91
32) 1,1,1-Trichloroethane	7.703	97	199526	51.388	ug/l	98
36) 1,1-Dichloropropene	7.917	75	170384	50.931	ug/l	99
37) Ethyl Acetate	7.075	43	113519	47.075	ug/l #	95
38) Carbon Tetrachloride	7.898	117	181466	51.035	ug/l	99
39) Methylcyclohexane	9.185	83	212019	50.712	ug/l	93
40) Benzene	8.161	78	494089	52.402	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	52776	42.189	ug/l	95
42) 1,2-Dichloroethane	8.234	62	153258	50.460	ug/l	94
43) Isopropyl Acetate	8.270	43	203502	48.268	ug/l	95
44) Trichloroethene	8.941	130	135221	51.149	ug/l	95
45) 1,2-Dichloropropane	9.215	63	123292	52.250	ug/l	95
46) Dibromomethane	9.307	93	79307	50.626	ug/l	96
47) Bromodichloromethane	9.496	83	179964	52.415	ug/l	99
48) Methyl methacrylate	9.295	41	90525	47.170	ug/l	87
49) 1,4-Dioxane	9.307	88	23575	945.098	ug/l #	53
51) 4-Methyl-2-Pentanone	10.069	43	565678	233.318	ug/l	92
52) Toluene	10.246	92	321239	52.528	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	194542	52.305	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	214140	52.818	ug/l	91
55) 1,1,2-Trichloroethane	10.648	97	110227	51.217	ug/l	96
56) Ethyl methacrylate	10.508	69	160117	50.908	ug/l #	86
57) 1,3-Dichloropropane	10.788	76	185344	50.765	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	373903	247.498	ug/l	93
59) 2-Hexanone	10.831	43	430255	233.250	ug/l	89
60) Dibromochloromethane	10.983	129	133337	51.229	ug/l	99
61) 1,2-Dibromoethane	11.087	107	109824	50.142	ug/l	99
64) Tetrachloroethene	10.721	164	117677	49.265	ug/l	97
65) Chlorobenzene	11.520	112	349207	52.345	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	130522	51.907	ug/l	98
67) Ethyl Benzene	11.593	91	621880	52.679	ug/l	98
68) m/p-Xylenes	11.703	106	482087	104.725	ug/l	96
69) o-Xylene	12.032	106	231367	52.832	ug/l	97
70) Styrene	12.044	104	394901	52.908	ug/l	96
71) Bromoform	12.209	173	89252	50.443	ug/l #	99
73) Isopropylbenzene	12.331	105	610742	51.940	ug/l	100
74) N-amyl acetate	12.142	43	187085	50.373	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.587	83	141675	48.106	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	179031	80.438	ug/l #	100
77) Bromobenzene	12.611	156	146451	51.314	ug/l	100
78) n-propylbenzene	12.672	91	737818	52.095	ug/l	99
79) 2-Chlorotoluene	12.757	91	413752	52.046	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	512343	52.604	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	49197	48.251	ug/l	94
82) 4-Chlorotoluene	12.855	91	427909	51.576	ug/l	99
83) tert-Butylbenzene	13.074	119	440797	51.614	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	507442	52.467	ug/l	98
85) sec-Butylbenzene	13.257	105	662257	51.921	ug/l	100
86) p-Isopropyltoluene	13.373	119	561320	52.661	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	289557	52.144	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	289570	51.792	ug/l	99
89) n-Butylbenzene	13.696	91	522196	52.624	ug/l	96
90) Hexachloroethane	13.964	117	106107	52.219	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	262696	51.525	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	24713	44.082	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	169569	52.208	ug/l	98
94) Hexachlorobutadiene	15.117	225	89203	50.564	ug/l	98
95) Naphthalene	15.239	128	392846	49.279	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	151543	51.081	ug/l	98

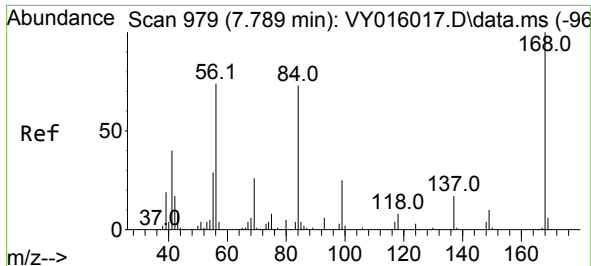
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101823\
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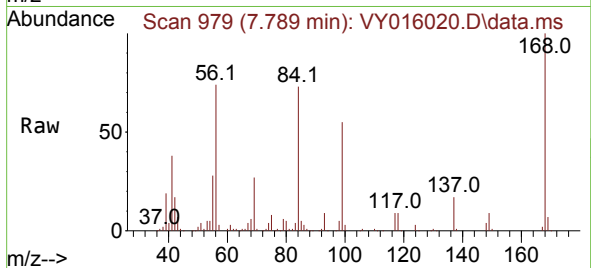
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

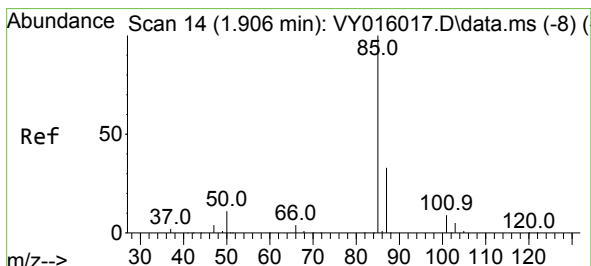
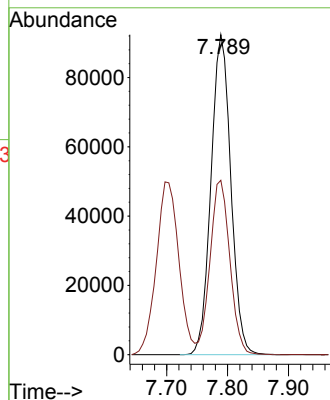
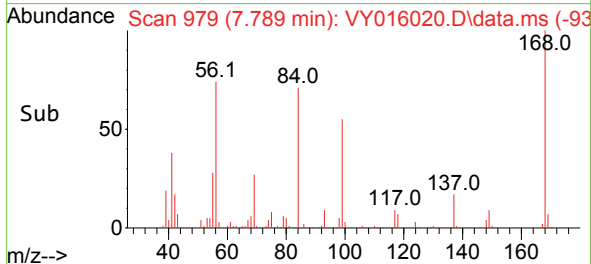


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

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MSVOA_Y
ClientSampleId :

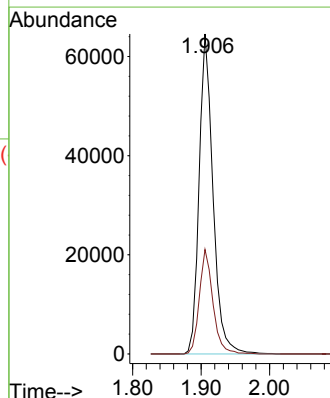
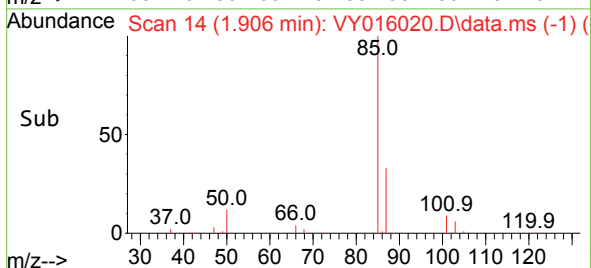
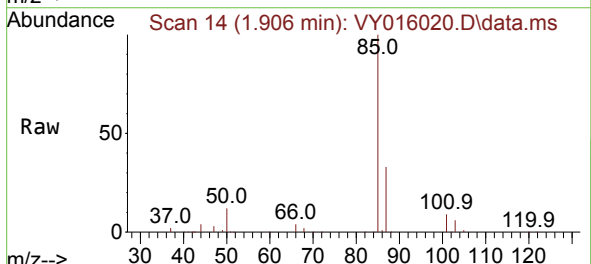


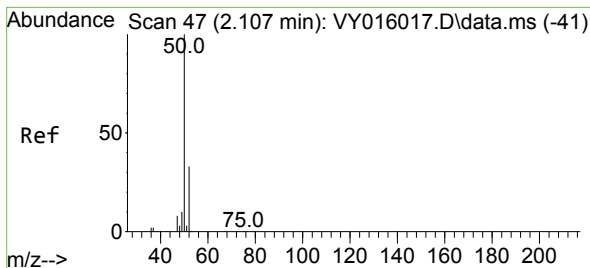
Tgt Ion:168 Resp: 208858
Ion Ratio Lower Upper
168 100
99 54.5 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 52.755 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

Tgt Ion: 85 Resp: 91065
Ion Ratio Lower Upper
85 100
87 32.6 15.6 46.8





#3

Chloromethane

Concen: 53.096 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY016020.D

Acq: 18 Oct 2023 14:34

Instrument :

MSVOA_Y

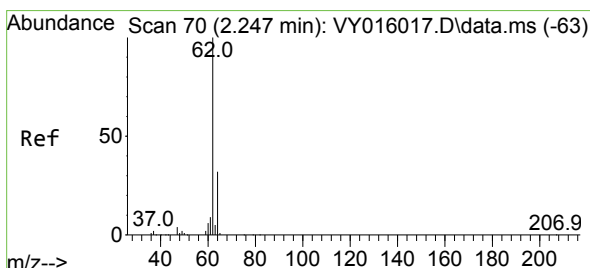
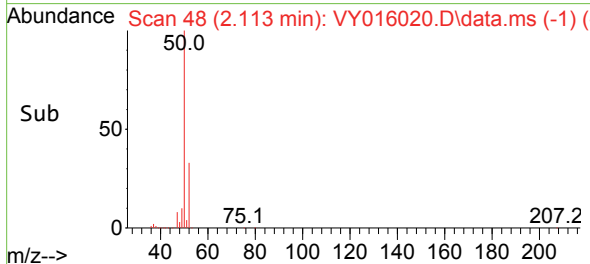
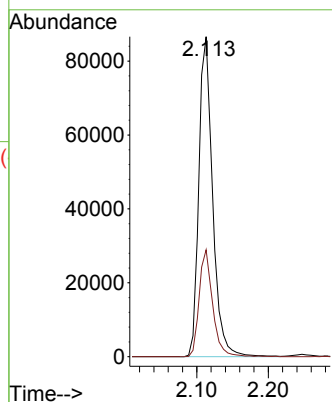
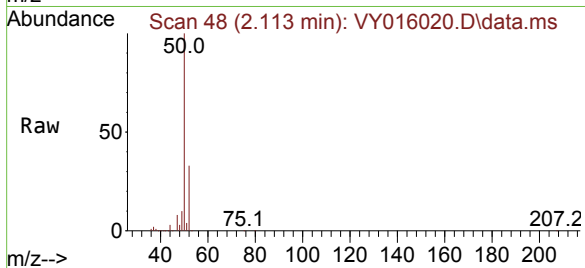
ClientSampleId :

Tgt Ion: 50 Resp: 115729

Ion Ratio Lower Upper

50 100

52 33.4 25.4 38.2



#4

Vinyl Chloride

Concen: 52.513 ug/l

RT: 2.247 min Scan# 70

Delta R.T. -0.000 min

Lab File: VY016020.D

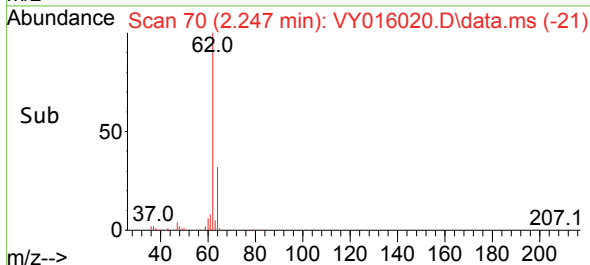
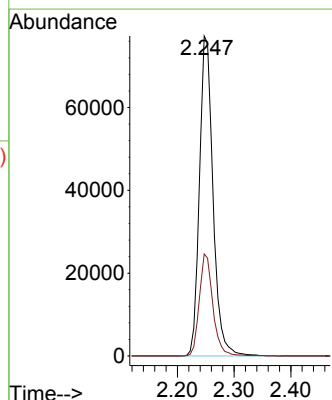
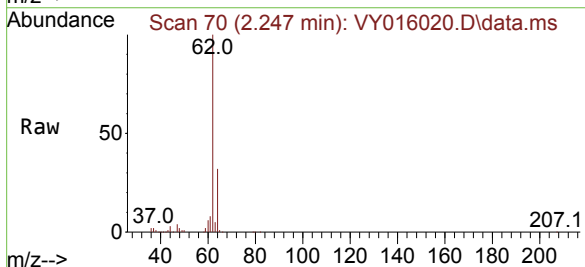
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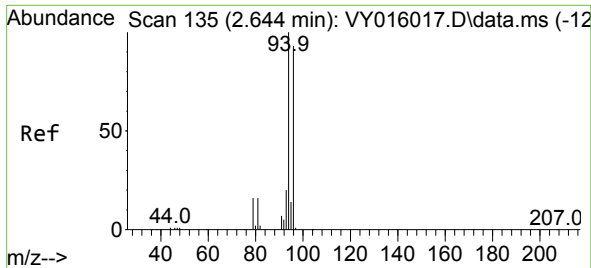
Tgt Ion: 62 Resp: 128458

Ion Ratio Lower Upper

62 100

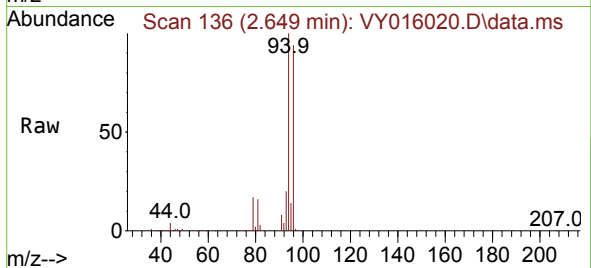
64 31.9 24.3 36.5



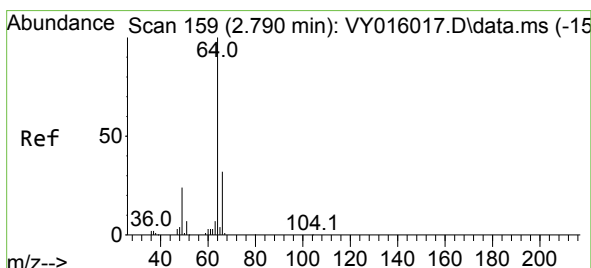
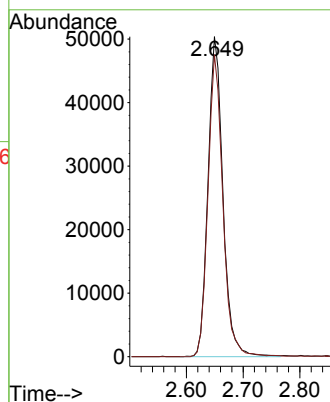
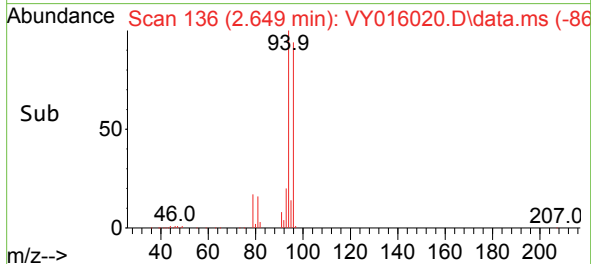


#5
Bromomethane
Concen: 51.744 ug/l
RT: 2.649 min Scan# 11
Delta R.T. 0.005 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

Instrument :
MSVOA_Y
ClientSampleId :

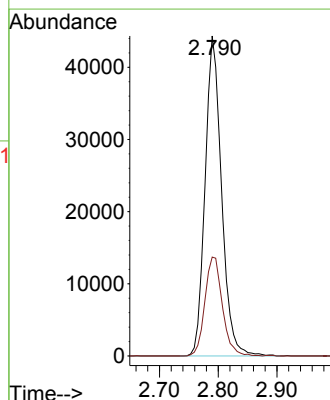
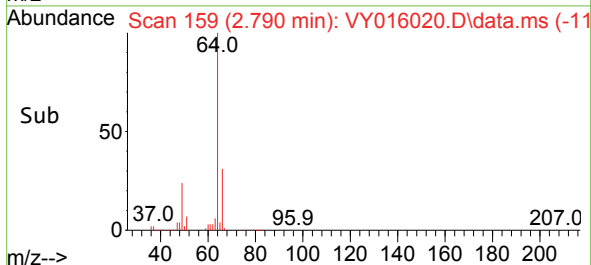
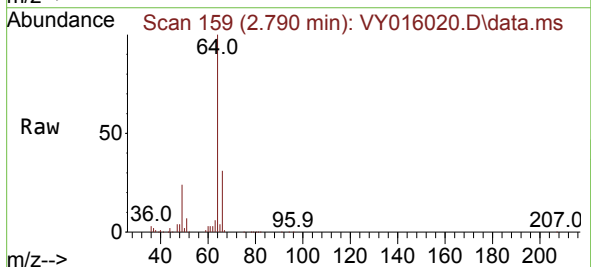


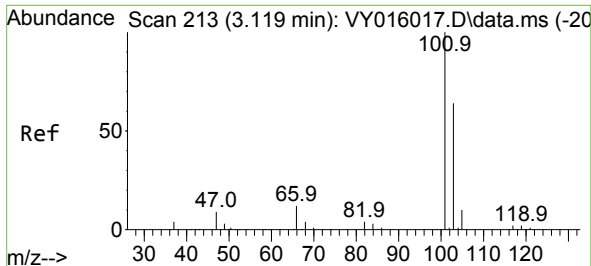
Tgt Ion: 94 Resp: 92332
Ion Ratio Lower Upper
94 100
96 94.4 75.8 113.6



#6
Chloroethane
Concen: 54.845 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

Tgt Ion: 64 Resp: 86270
Ion Ratio Lower Upper
64 100
66 30.9 24.4 36.6

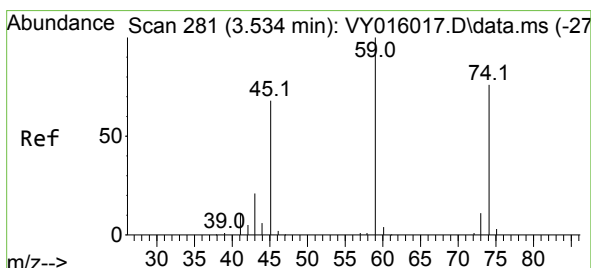
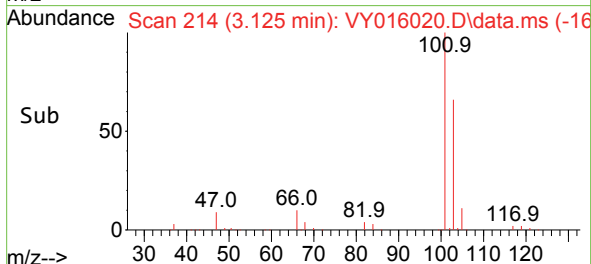
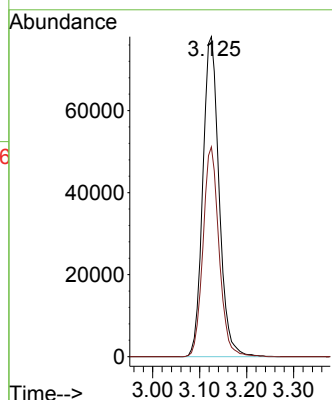
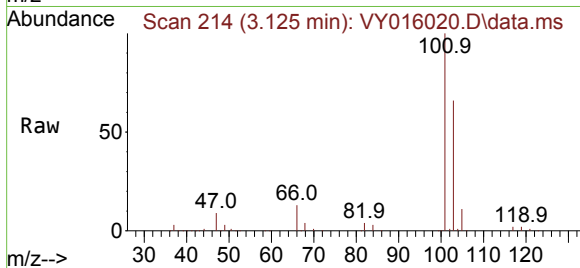




#7
Trichlorofluoromethane
Concen: 50.313 ug/l
RT: 3.125 min Scan# 213
Delta R.T. 0.006 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

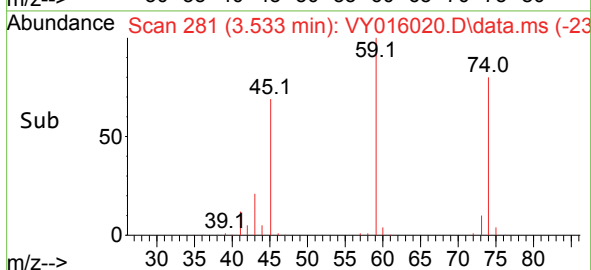
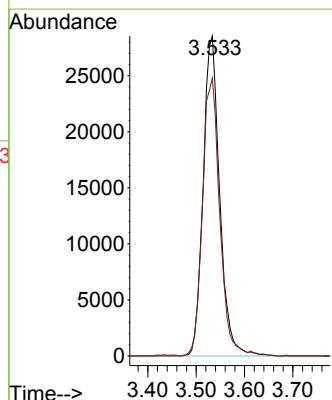
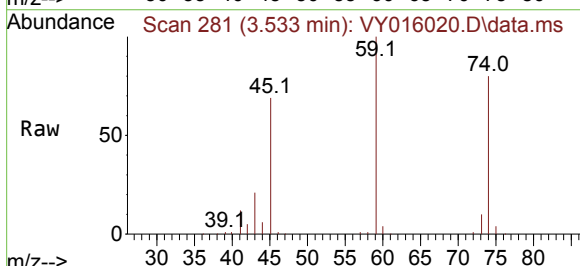
Instrument :
MSVOA_Y
ClientSampleId :

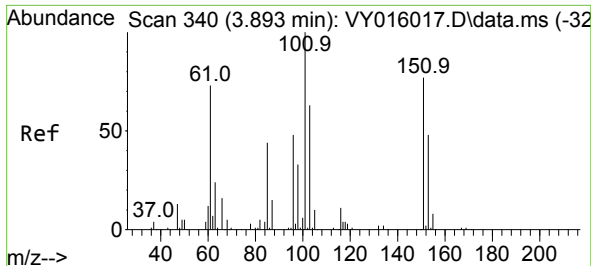
Tgt Ion:101 Resp: 187300
Ion Ratio Lower Upper
101 100
103 65.6 51.4 77.0



#8
Diethyl Ether
Concen: 51.541 ug/l
RT: 3.533 min Scan# 281
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

Tgt Ion: 74 Resp: 67788
Ion Ratio Lower Upper
74 100
45 90.9 51.5 154.5

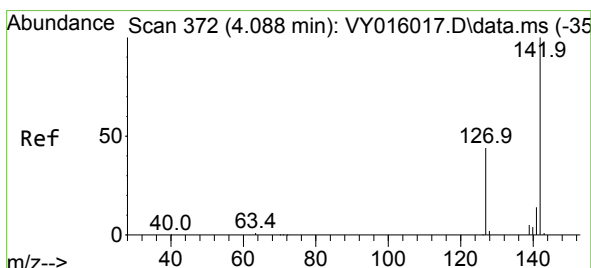
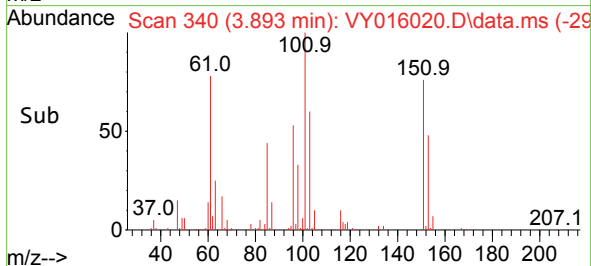
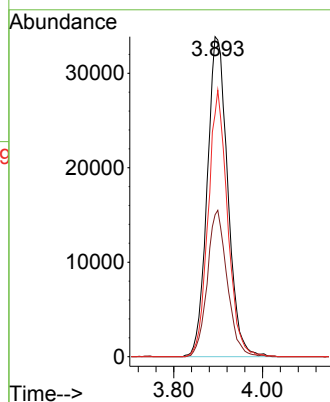
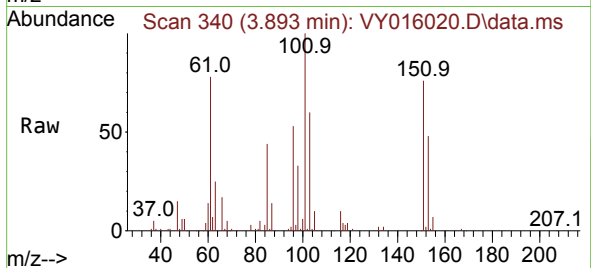




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.684 ug/l
RT: 3.893 min Scan# 340
Delta R.T. -0.000 min
Lab File: VY016020.D
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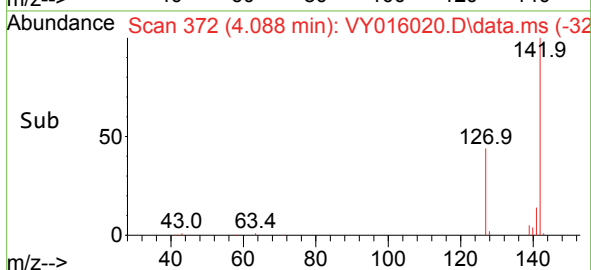
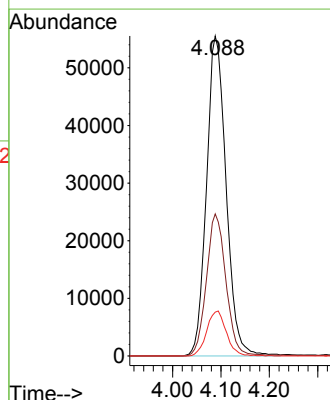
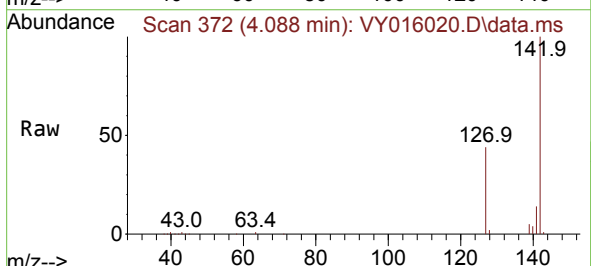
Instrument :
MSVOA_Y
ClientSampleId :

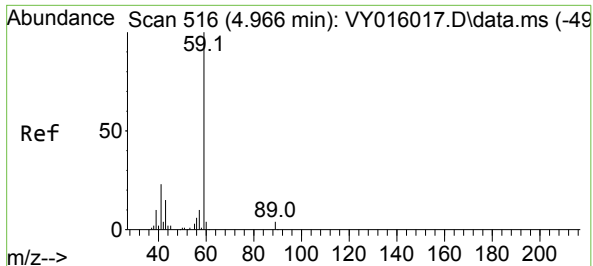
Tgt Ion:101 Resp: 108536
Ion Ratio Lower Upper
101 100
85 44.6 36.6 55.0
151 78.7 67.0 100.6



#10
Methyl Iodide
Concen: 55.959 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

Tgt Ion:142 Resp: 156473
Ion Ratio Lower Upper
142 100
127 44.1 37.6 56.4
141 14.1 11.8 17.8

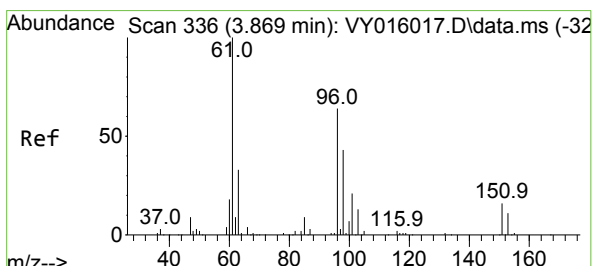
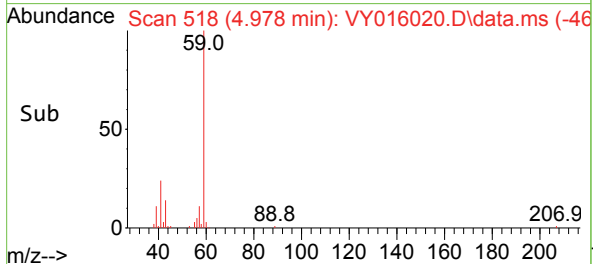
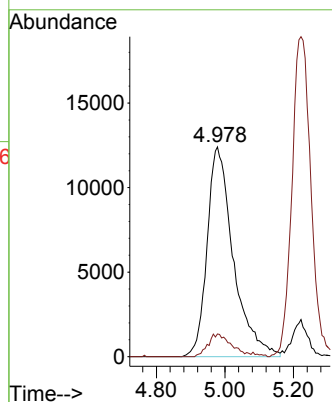
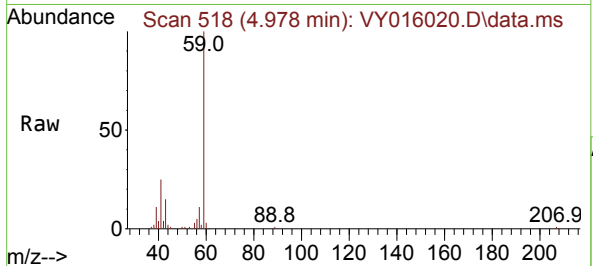




#11
Tert butyl alcohol
Concen: 179.679 ug/l
RT: 4.978 min Scan# 516
Delta R.T. 0.012 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

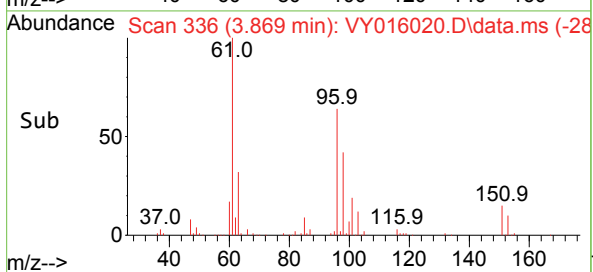
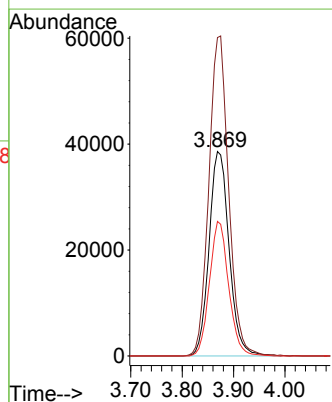
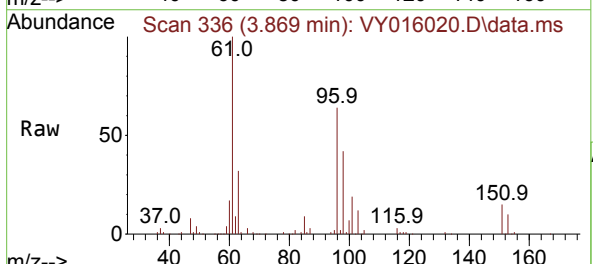
Instrument :
MSVOA_Y
ClientSampleId :

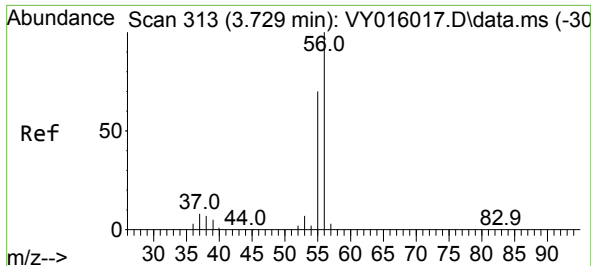
Tgt Ion: 59 Resp: 65841
Ion Ratio Lower Upper
59 100
57 9.7 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 52.164 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

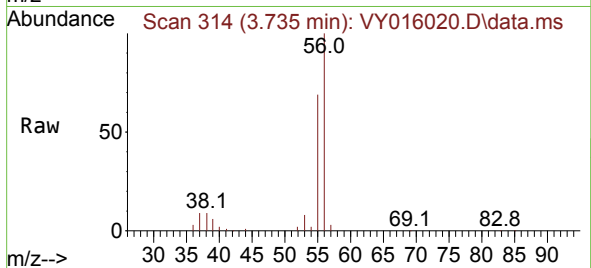
Tgt Ion: 96 Resp: 104519
Ion Ratio Lower Upper
96 100
61 155.7 136.4 204.6
98 65.8 49.4 74.2



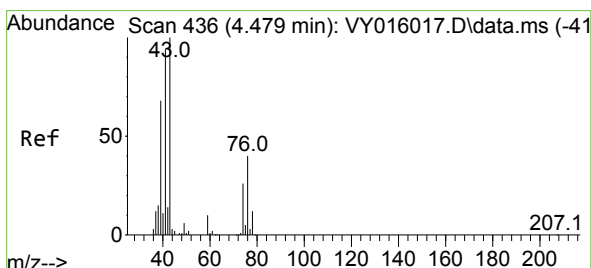
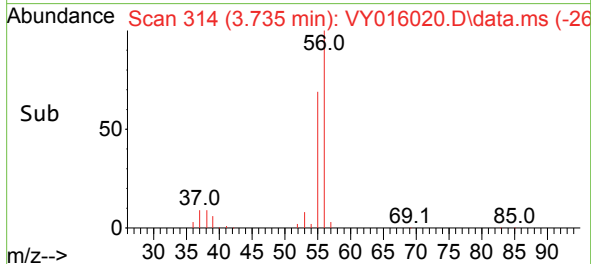
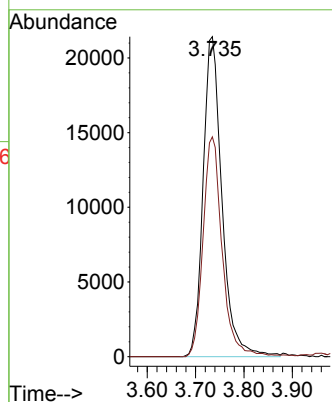


#13
Acrolein
Concen: 225.379 ug/l
RT: 3.735 min Scan# 313
Delta R.T. 0.006 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

Instrument :
MSVOA_Y
ClientSampleId :

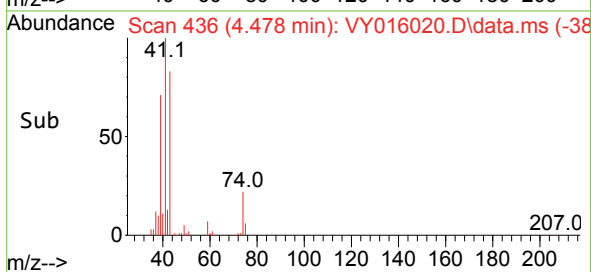
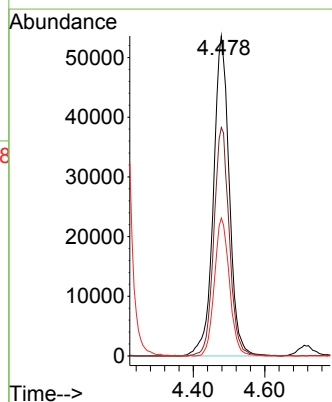
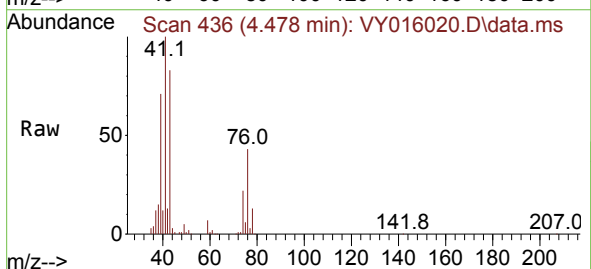


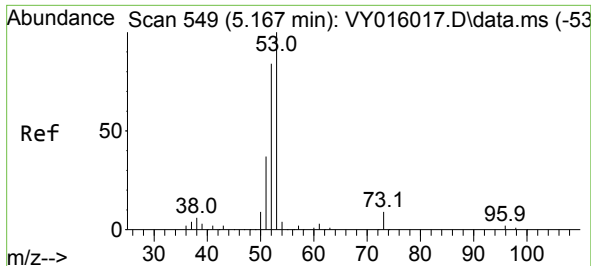
Tgt Ion: 56 Resp: 58074
Ion Ratio Lower Upper
56 100
55 69.3 57.0 85.4



#14
Allyl chloride
Concen: 52.778 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

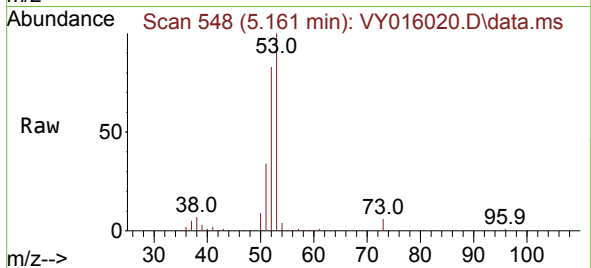
Tgt Ion: 41 Resp: 165358
Ion Ratio Lower Upper
41 100
39 69.5 58.0 87.0
76 40.8 27.4 41.2



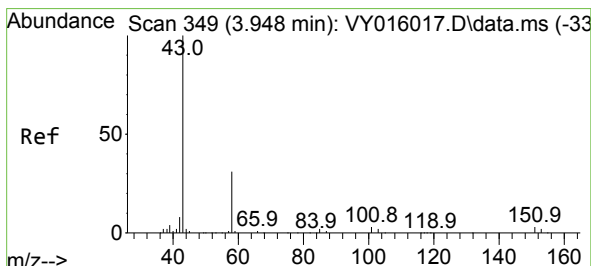
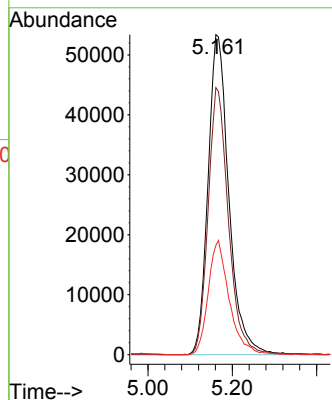
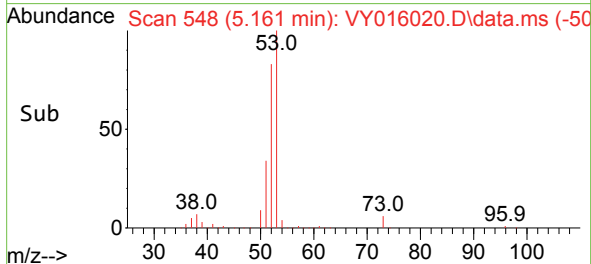


#15
Acrylonitrile
Concen: 233.078 ug/l
RT: 5.161 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

Instrument :
MSVOA_Y
ClientSampleId :

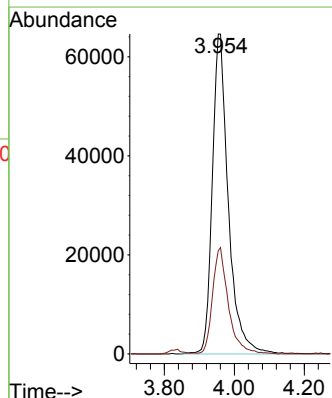
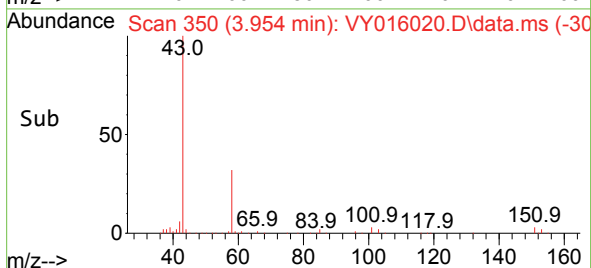
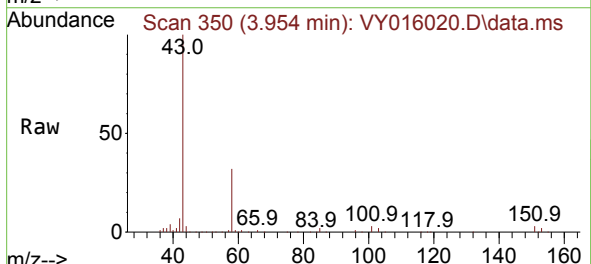


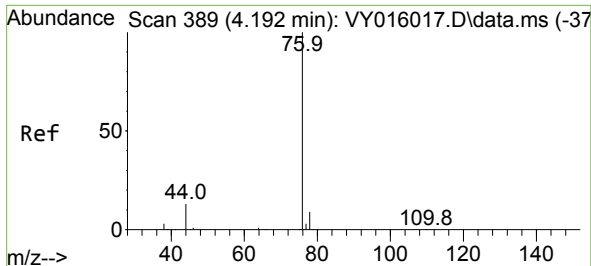
Tgt Ion: 53 Resp: 182880
Ion Ratio Lower Upper
53 100
52 81.5 66.9 100.3
51 36.1 29.8 44.6



#16
Acetone
Concen: 232.825 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

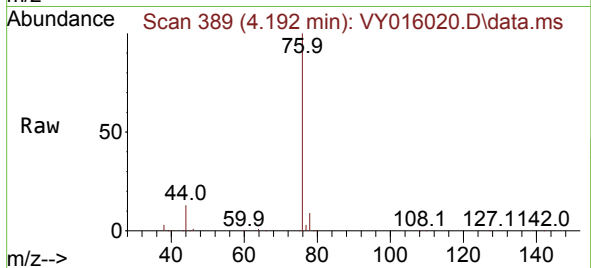
Tgt Ion: 43 Resp: 204873
Ion Ratio Lower Upper
43 100
58 32.2 22.7 34.1



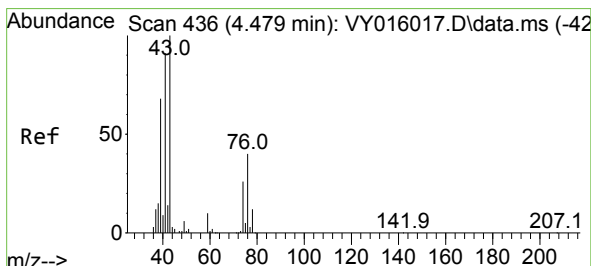
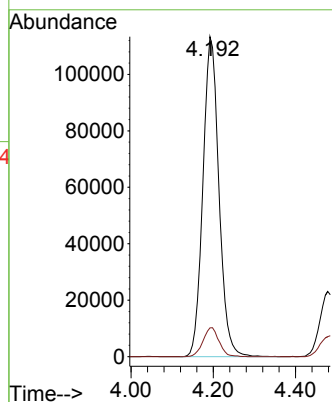
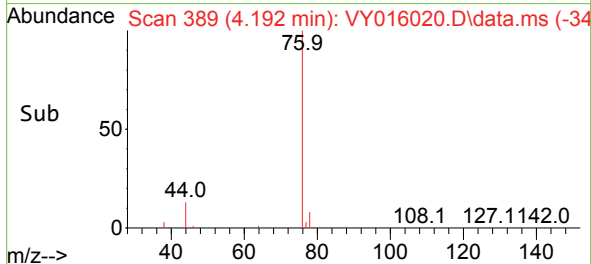


#17
Carbon Disulfide
Concen: 52.194 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

Instrument :
MSVOA_Y
ClientSampleId :

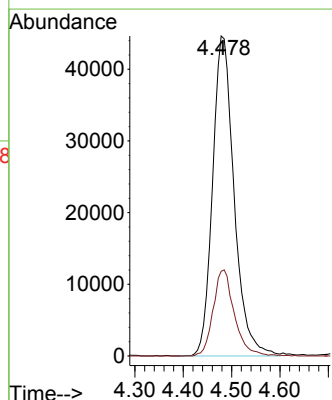
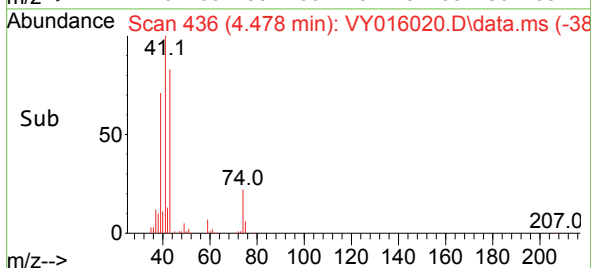
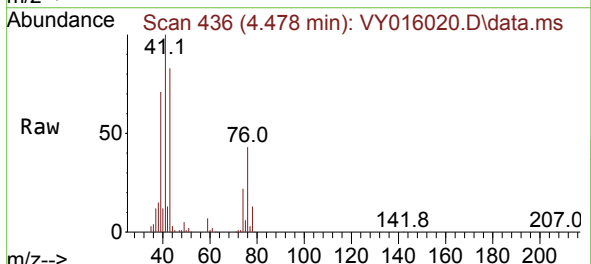


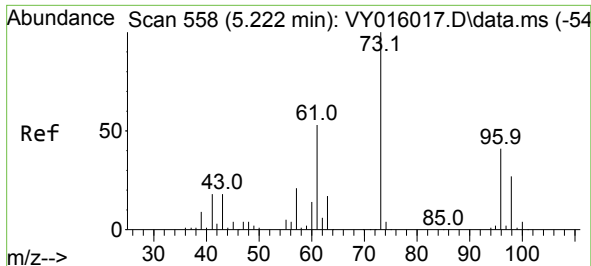
Tgt Ion: 76 Resp: 306374
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4



#18
Methyl Acetate
Concen: 45.629 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

Tgt Ion: 43 Resp: 138194
Ion Ratio Lower Upper
43 100
74 26.5 17.4 26.0#





#19

Methyl tert-butyl Ether

Concen: 51.890 ug/l

RT: 5.222 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY016020.D

Acq: 18 Oct 2023 14:34

Instrument :

MSVOA_Y

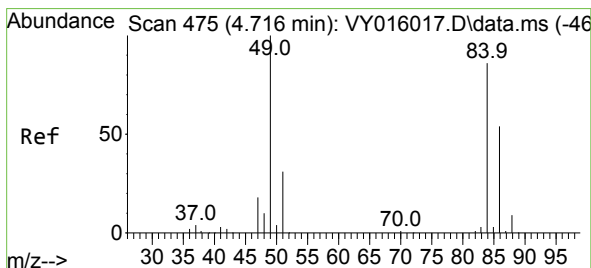
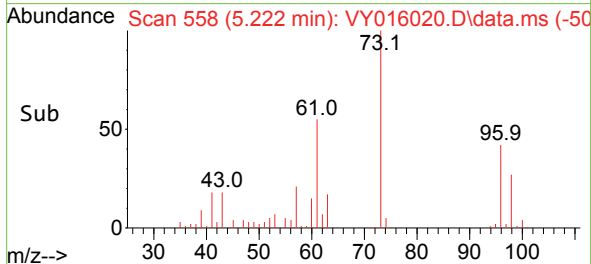
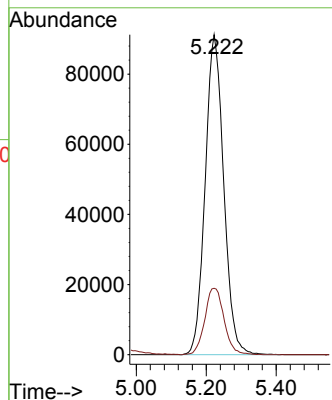
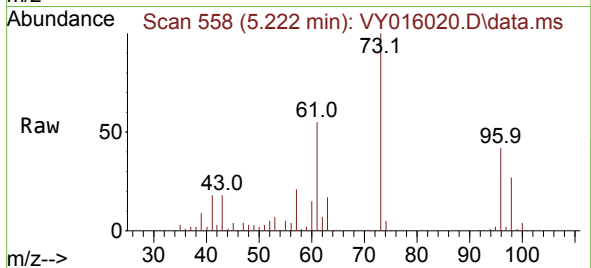
ClientSampleId :

Tgt Ion: 73 Resp: 335415

Ion Ratio Lower Upper

73 100

57 20.7 17.3 25.9



#20

Methylene Chloride

Concen: 54.967 ug/l

RT: 4.716 min Scan# 475

Delta R.T. -0.000 min

Lab File: VY016020.D

Acq: 18 Oct 2023 14:34

Tgt Ion: 84 Resp: 143688

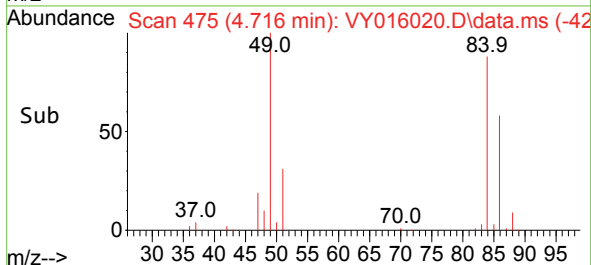
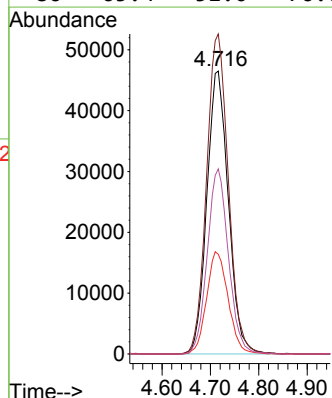
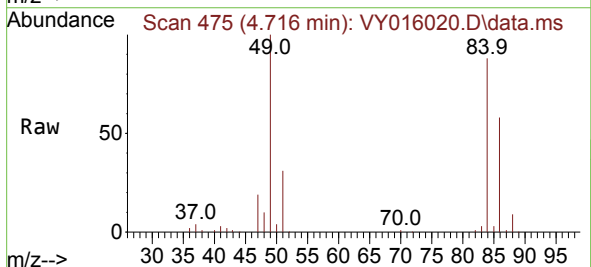
Ion Ratio Lower Upper

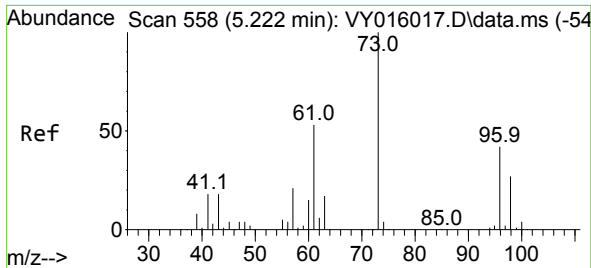
84 100

49 113.0 106.9 160.3

51 35.2 33.2 49.8

86 65.4 51.0 76.6

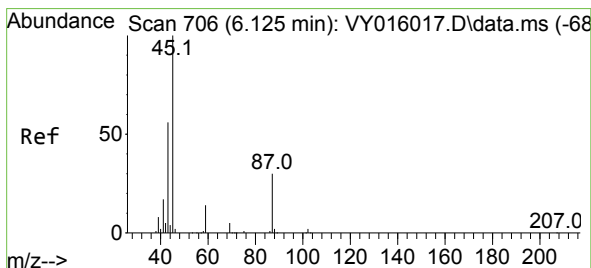
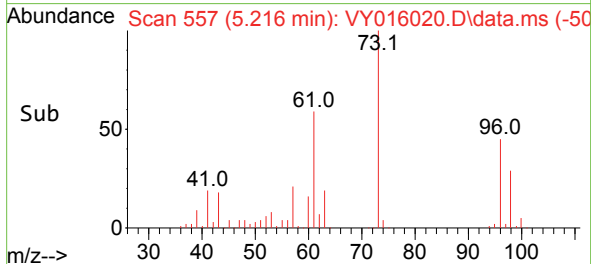
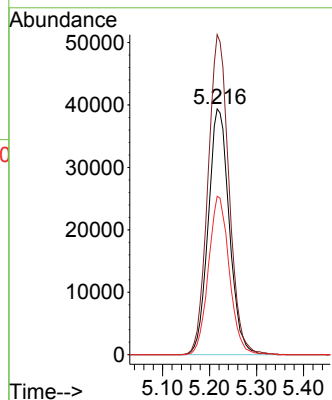
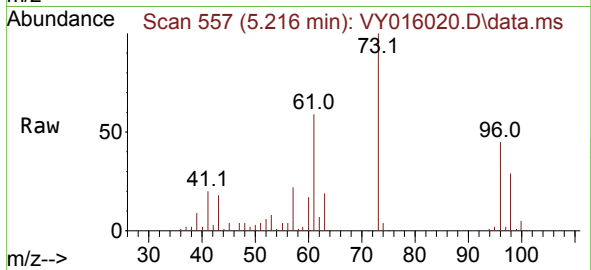




#21
trans-1,2-Dichloroethene
Concen: 52.470 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

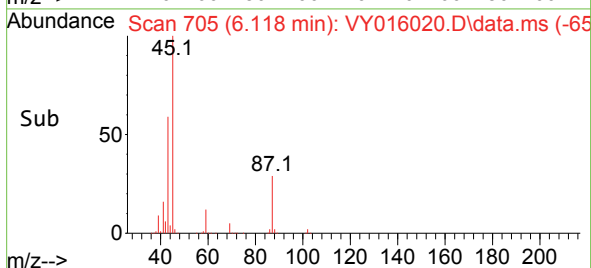
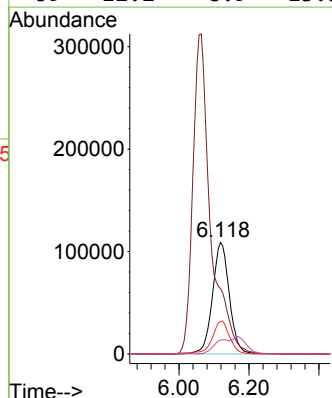
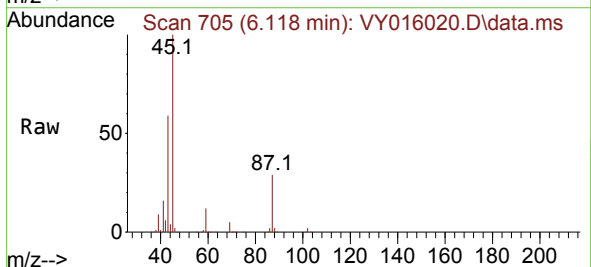
Instrument :
MSVOA_Y
ClientSampleId :

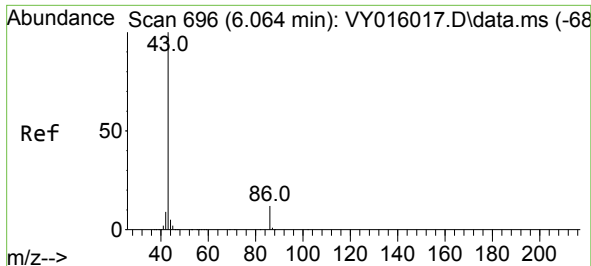
Tgt Ion: 96 Resp: 122429
Ion Ratio Lower Upper
96 100
61 130.2 110.2 165.4
98 64.4 51.8 77.6



#22
Diisopropyl ether
Concen: 53.331 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

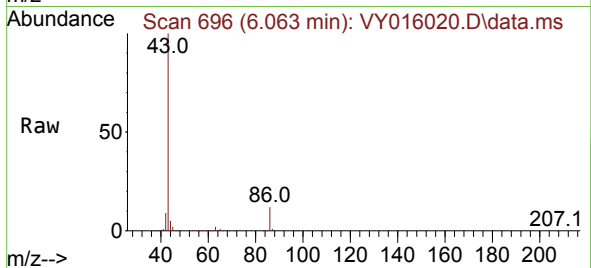
Tgt Ion: 45 Resp: 363832
Ion Ratio Lower Upper
45 100
43 58.4 52.2 78.4
87 29.1 21.0 31.6
59 12.2 8.9 13.3



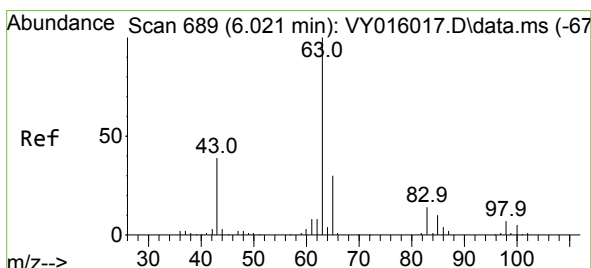
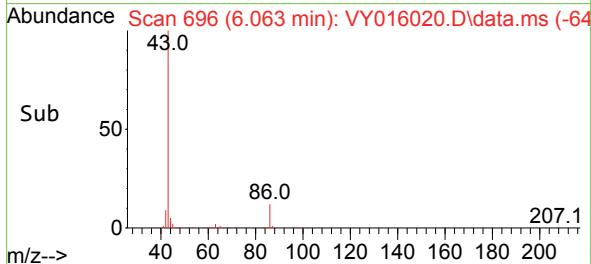
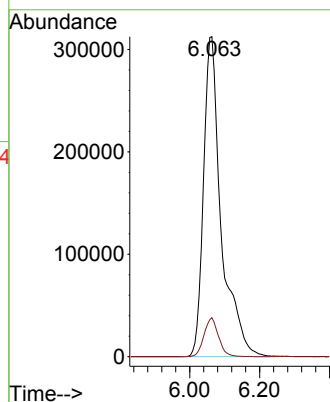


#23
 Vinyl Acetate
 Concen: 260.029 ug/l
 RT: 6.063 min Scan# 696
 Delta R.T. -0.000 min
 Lab File: VY016020.D
 Acq: 18 Oct 2023 14:34

Instrument :
 MSVOA_Y
 ClientSampleId :

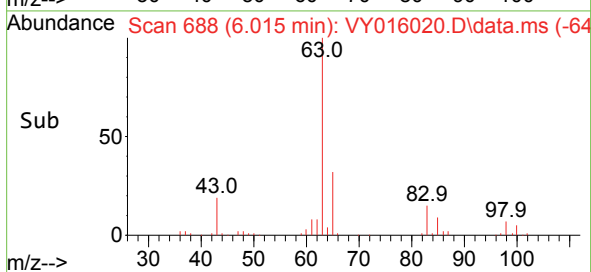
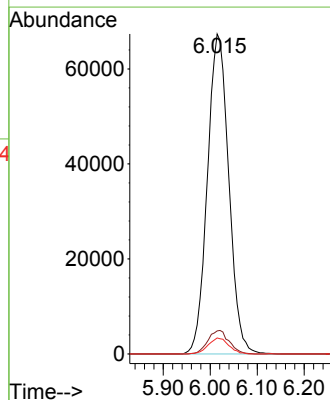
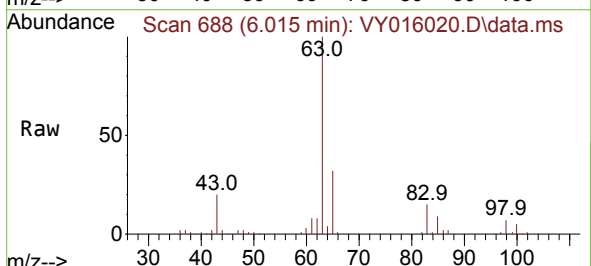


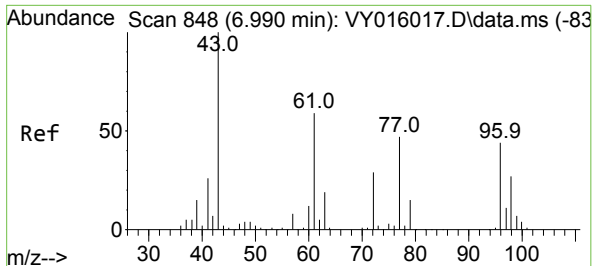
Tgt Ion: 43 Resp: 1100402
 Ion Ratio Lower Upper
 43 100
 86 12.2 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 52.567 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY016020.D
 Acq: 18 Oct 2023 14:34

Tgt Ion: 63 Resp: 212750
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.1 9.4
 100 5.0 1.8 5.5





#25

2-Butanone

Concen: 226.873 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY016020.D

Acq: 18 Oct 2023 14:34

Instrument :

MSVOA_Y

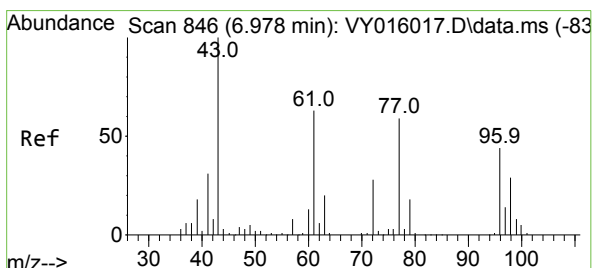
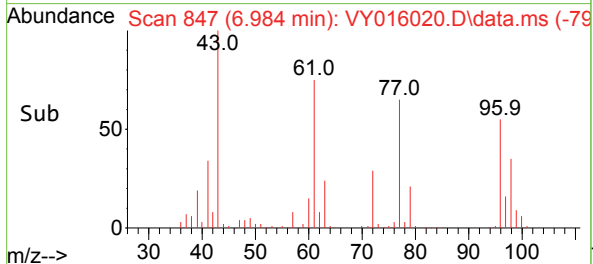
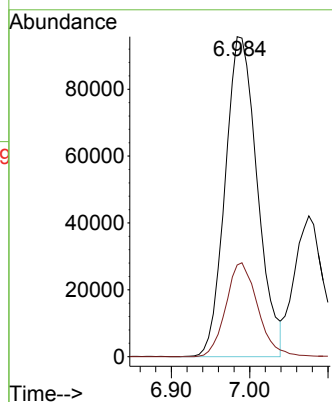
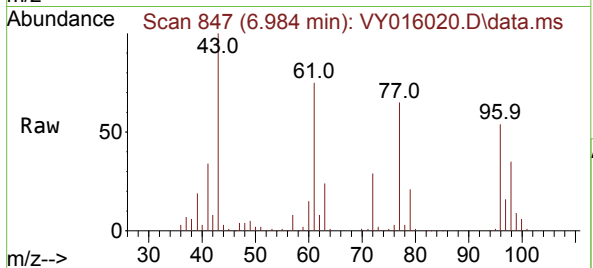
ClientSampleId :

Tgt Ion: 43 Resp: 273447

Ion Ratio Lower Upper

43 100

72 28.7 20.5 30.7



#26

2,2-Dichloropropane

Concen: 52.710 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY016020.D

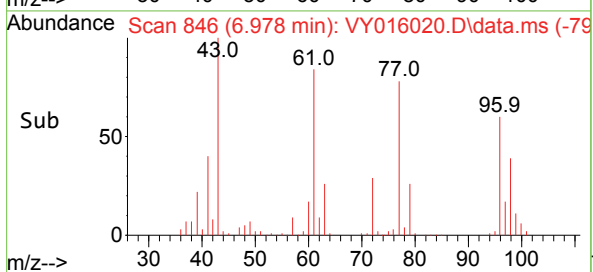
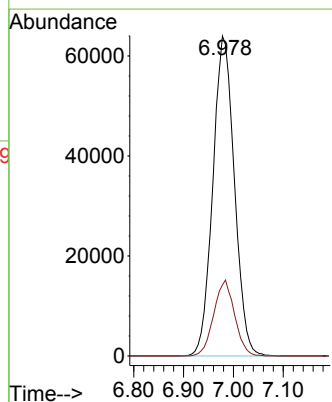
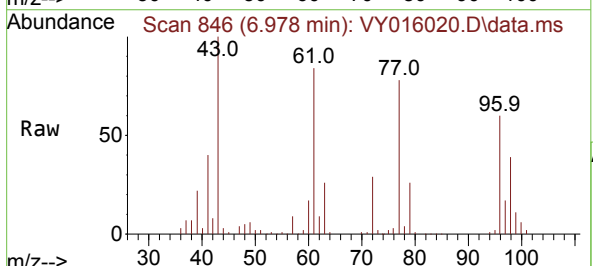
Acq: 18 Oct 2023 14:34

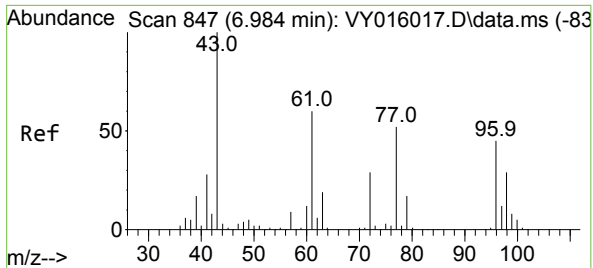
Tgt Ion: 77 Resp: 191940

Ion Ratio Lower Upper

77 100

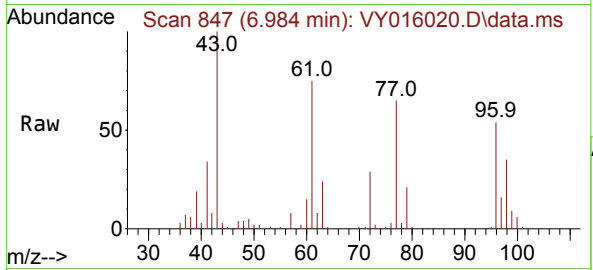
97 22.9 10.9 32.9





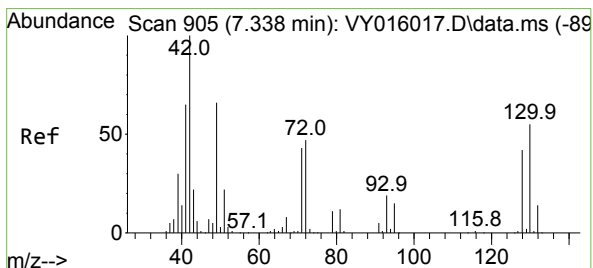
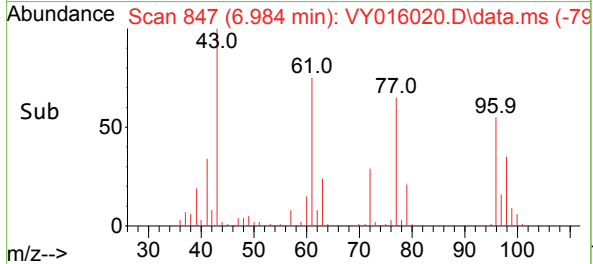
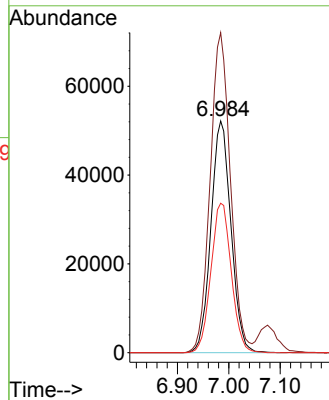
#27
 cis-1,2-Dichloroethene
 Concen: 52.574 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. -0.000 min
 Lab File: VY016020.D
 Acq: 18 Oct 2023 14:34

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 96 Resp: 141276

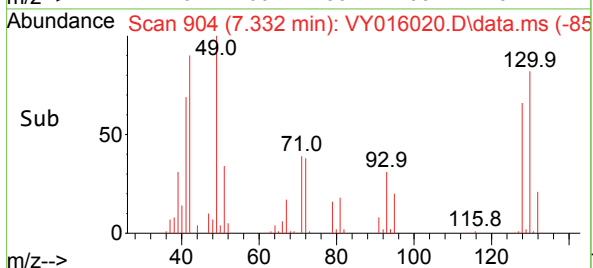
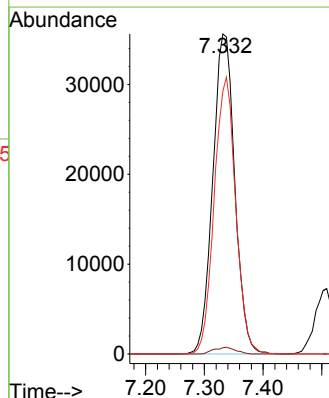
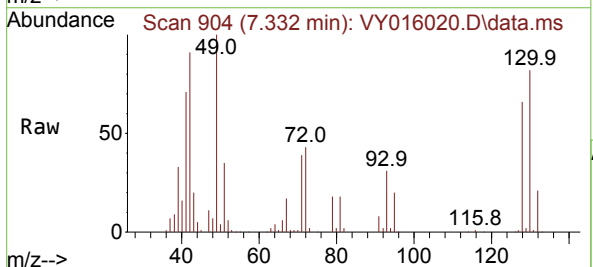
Ion	Ratio	Lower	Upper
96	100		
61	140.0	0.0	301.4
98	65.6	0.0	130.4

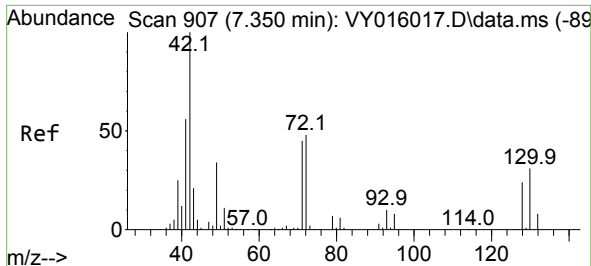


#28
 Bromochloromethane
 Concen: 53.504 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.006 min
 Lab File: VY016020.D
 Acq: 18 Oct 2023 14:34

Tgt Ion: 49 Resp: 92610

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.6
130	84.5	60.7	91.1





#29

Tetrahydrofuran

Concen: 225.064 ug/l

RT: 7.350 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY016020.D

Acq: 18 Oct 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

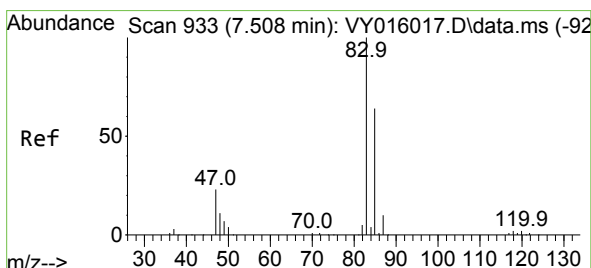
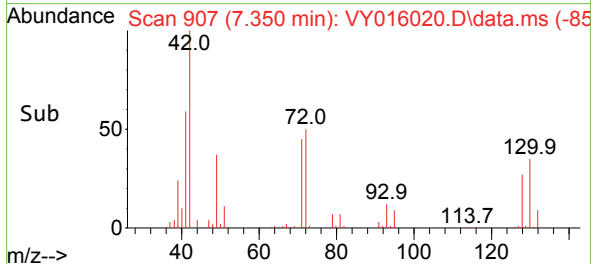
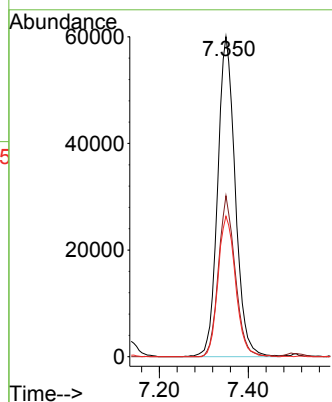
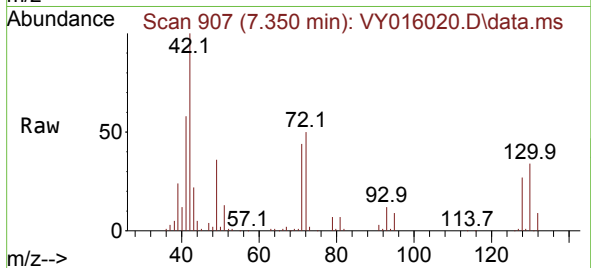
Tgt Ion: 42 Resp: 164198

Ion Ratio Lower Upper

42 100

72 48.0 32.8 49.2

71 43.8 31.0 46.4



#30

Chloroform

Concen: 52.399 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY016020.D

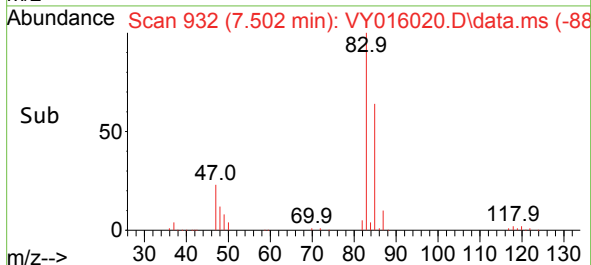
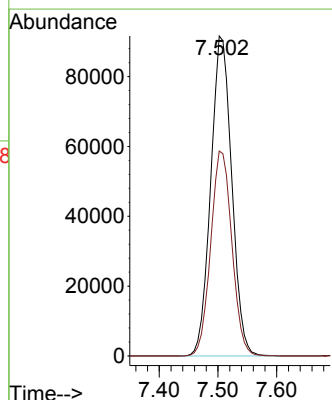
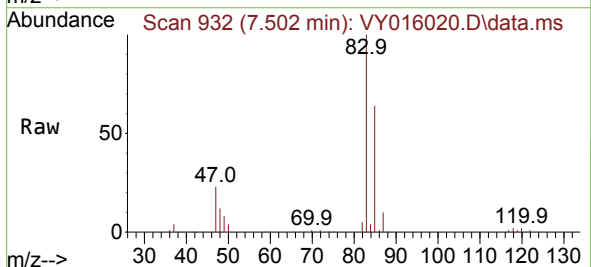
Acq: 18 Oct 2023 14:34

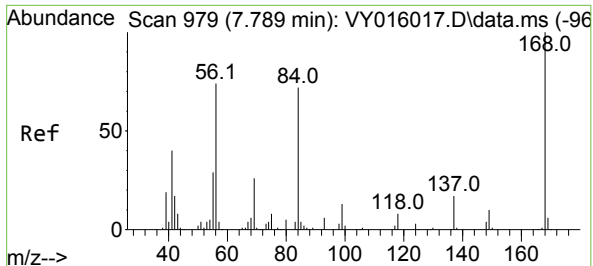
Tgt Ion: 83 Resp: 227385

Ion Ratio Lower Upper

83 100

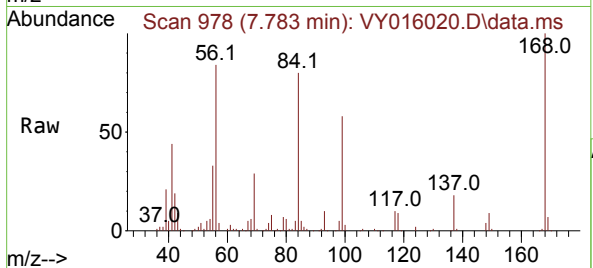
85 64.1 49.7 74.5



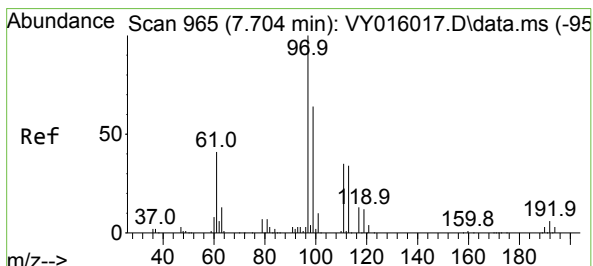
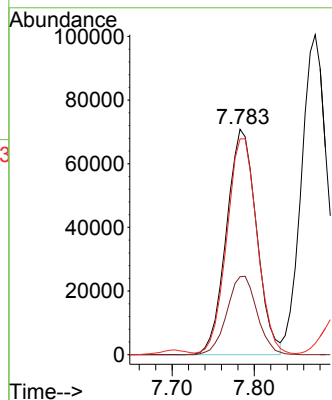
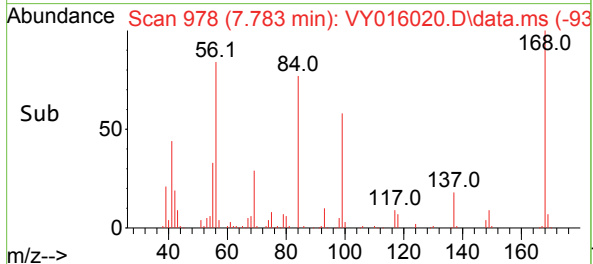


#31
Cyclohexane
Concen: 48.542 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

Instrument :
MSVOA_Y
ClientSampleId :

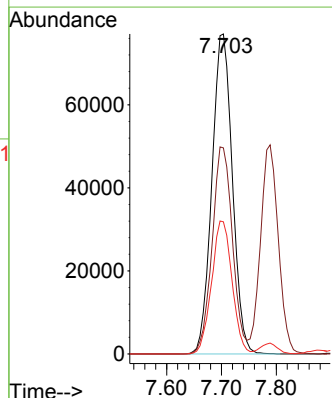
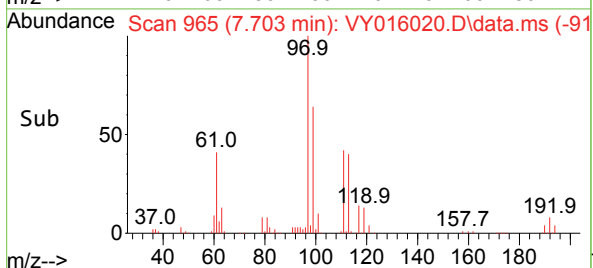
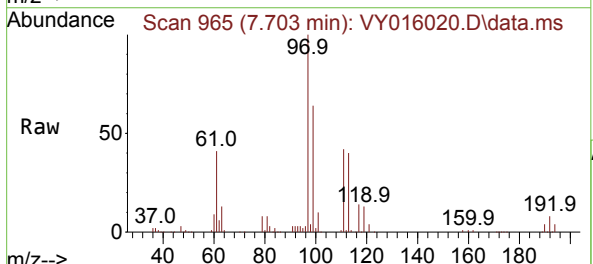


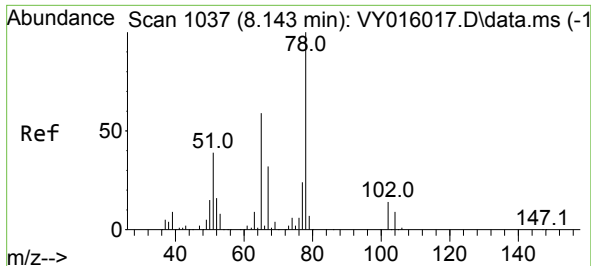
Tgt Ion: 56 Resp: 180355
Ion Ratio Lower Upper
56 100
69 34.6 27.8 41.6
84 94.1 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 51.388 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

Tgt Ion: 97 Resp: 199526
Ion Ratio Lower Upper
97 100
99 64.4 50.8 76.2
61 41.6 35.1 52.7

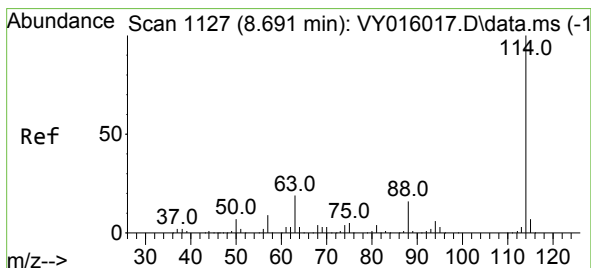
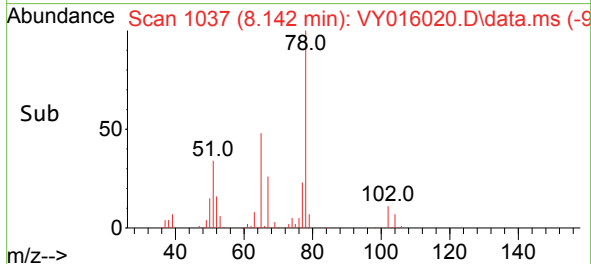
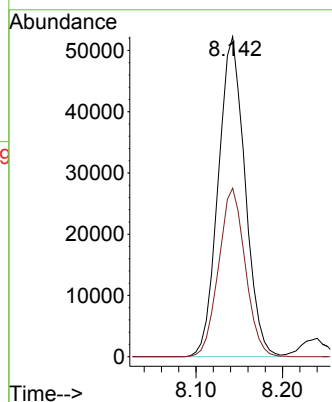
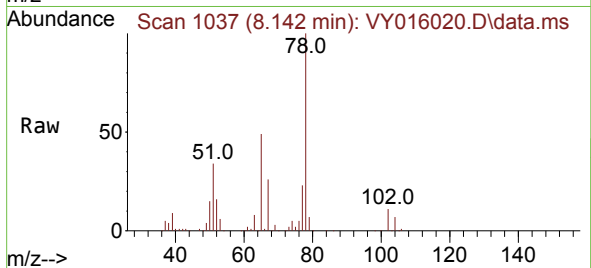




#33
1,2-Dichloroethane-d4
Concen: 47.253 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

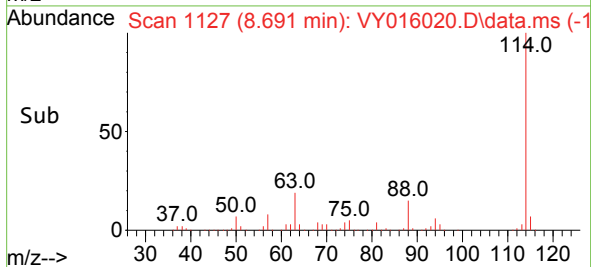
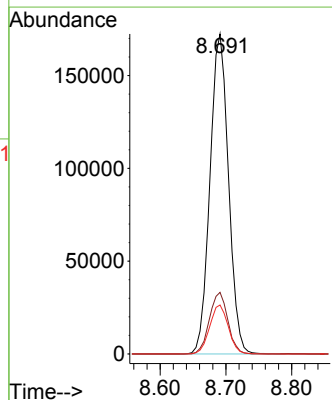
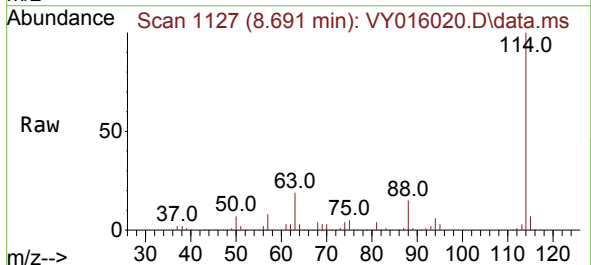
Instrument :
MSVOA_Y
ClientSampleId :

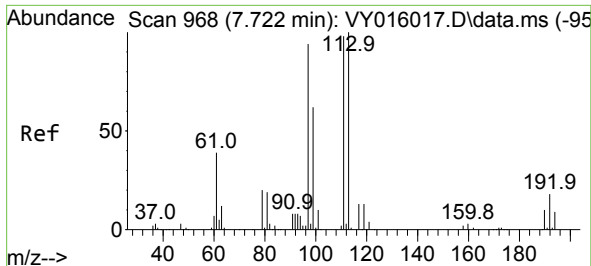
Tgt Ion: 65 Resp: 112169
Ion Ratio Lower Upper
65 100
67 52.3 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

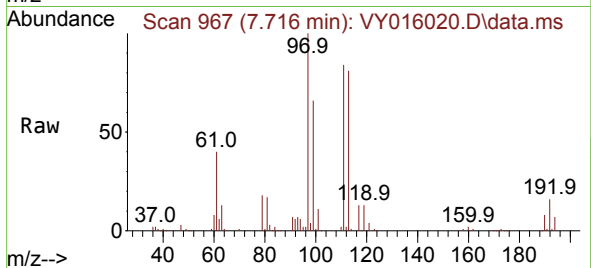
Tgt Ion:114 Resp: 337825
Ion Ratio Lower Upper
114 100
63 19.2 0.0 42.4
88 15.3 0.0 30.6



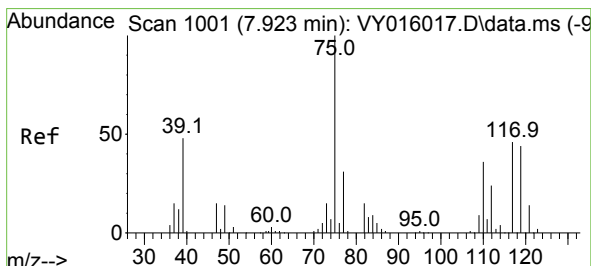
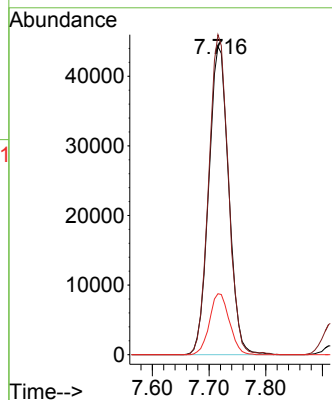
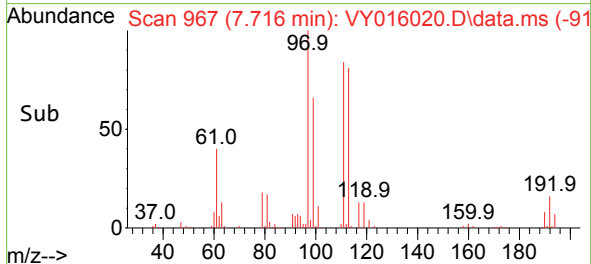


#35
Dibromofluoromethane
Concen: 48.614 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

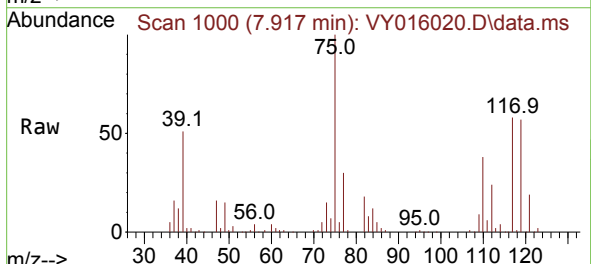
Instrument :
MSVOA_Y
ClientSampleId :



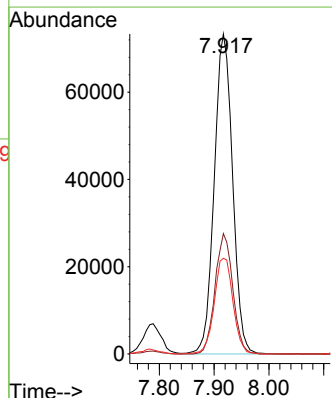
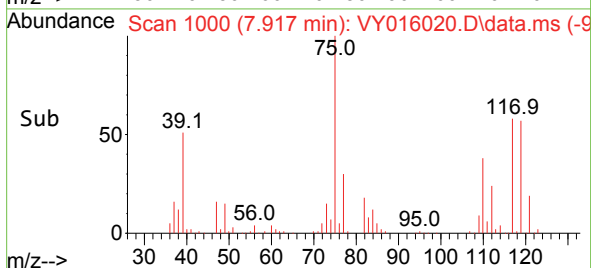
Tgt Ion:113 Resp: 108098
Ion Ratio Lower Upper
113 100
111 102.3 81.3 121.9
192 19.7 16.9 25.3

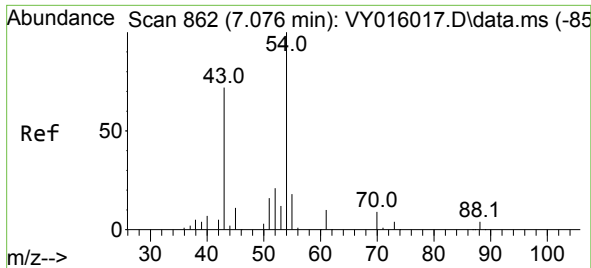


#36
1,1-Dichloropropene
Concen: 50.931 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34



Tgt Ion: 75 Resp: 170384
Ion Ratio Lower Upper
75 100
110 36.3 17.8 53.5
77 30.7 24.4 36.6

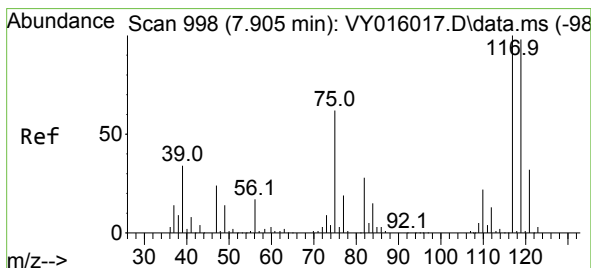
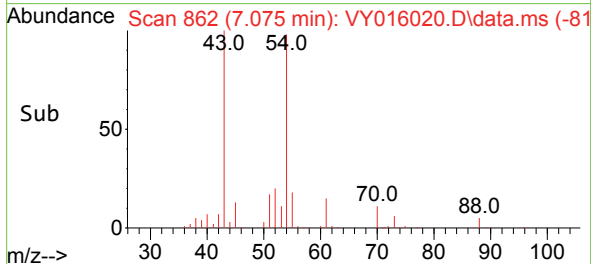
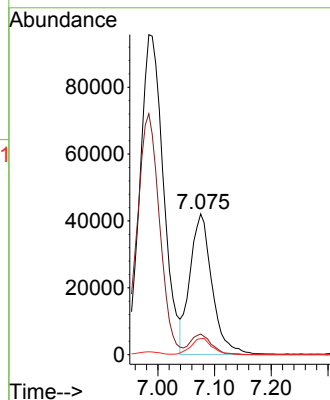
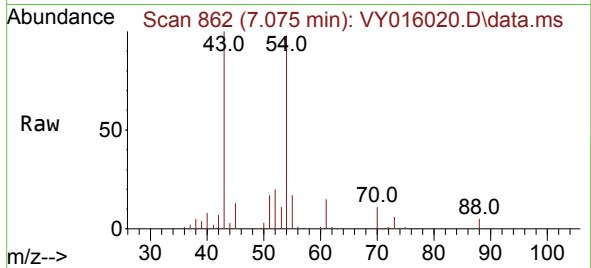




#37
Ethyl Acetate
Concen: 47.075 ug/l
RT: 7.075 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

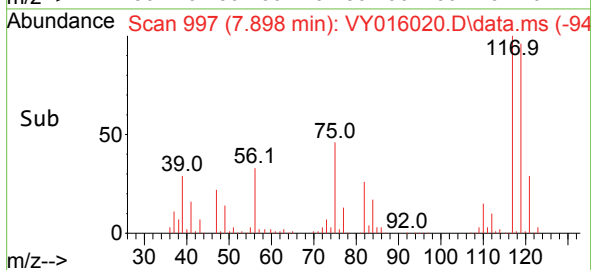
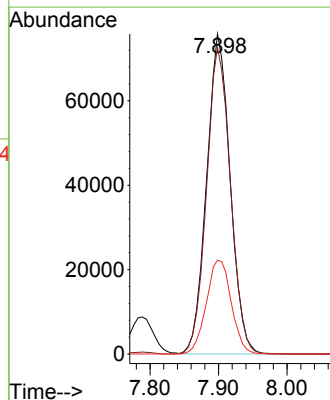
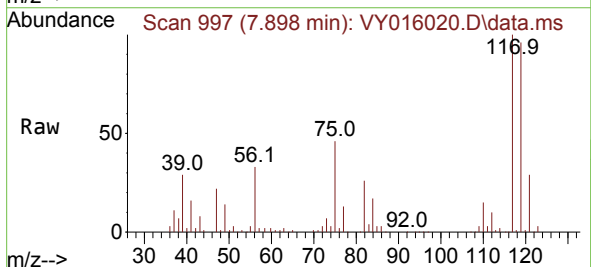
Instrument :
MSVOA_Y
ClientSampleId :

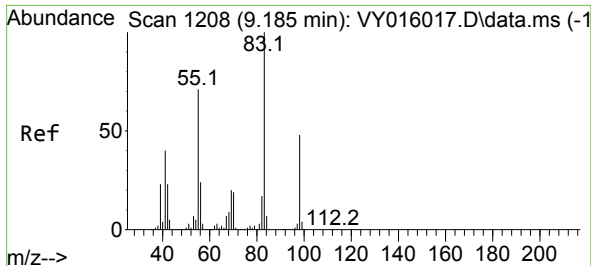
Tgt Ion: 43 Resp: 113519
Ion Ratio Lower Upper
43 100
61 14.1 10.1 15.1
70 11.2 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 51.035 ug/l
RT: 7.898 min Scan# 997
Delta R.T. -0.006 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

Tgt Ion: 117 Resp: 181466
Ion Ratio Lower Upper
117 100
119 95.7 76.4 114.6
121 29.3 25.8 38.6





#39

Methylcyclohexane

Concen: 50.712 ug/l

RT: 9.185 min Scan# 1208

Delta R.T. -0.000 min

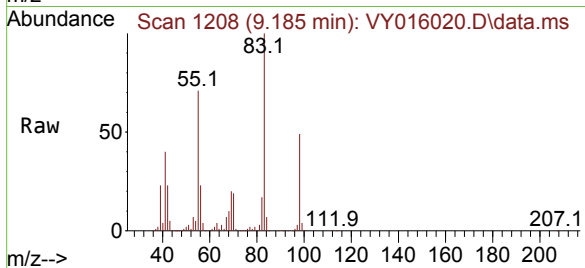
Lab File: VY016020.D

Acq: 18 Oct 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :



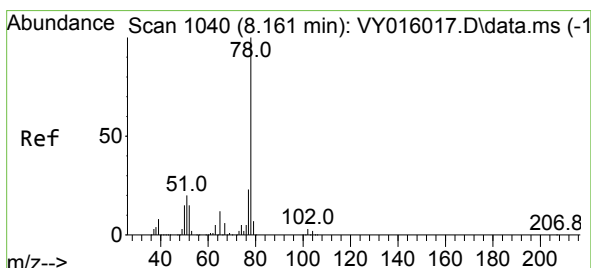
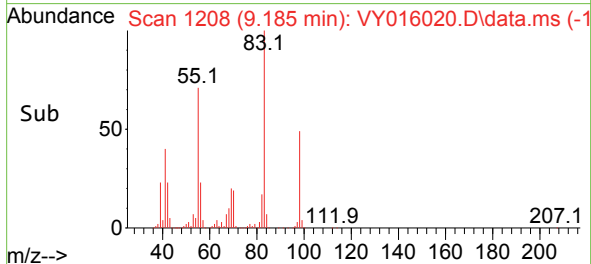
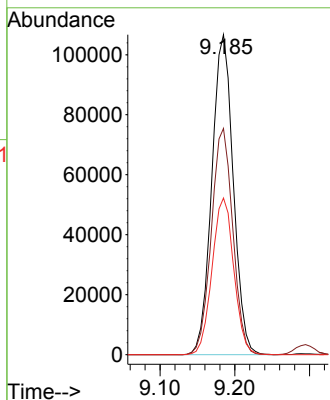
Tgt Ion: 83 Resp: 212019

Ion Ratio Lower Upper

83 100

55 70.7 63.0 94.4

98 49.0 37.4 56.2



#40

Benzene

Concen: 52.402 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY016020.D

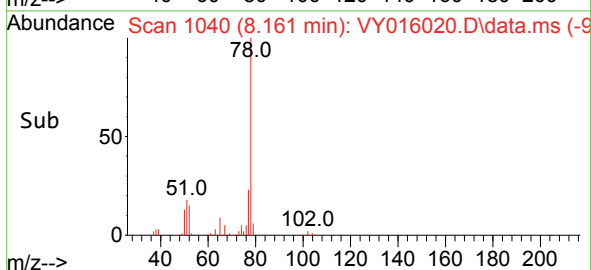
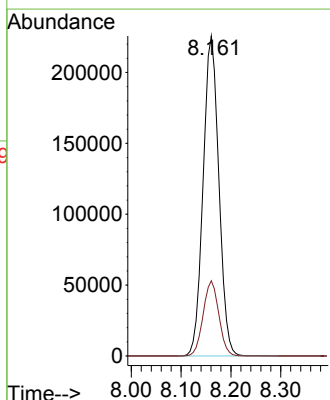
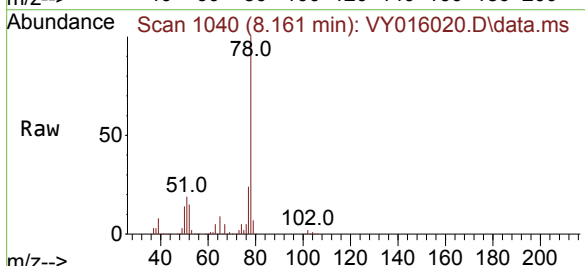
Acq: 18 Oct 2023 14:34

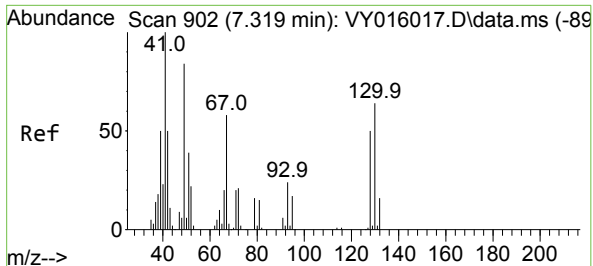
Tgt Ion: 78 Resp: 494089

Ion Ratio Lower Upper

78 100

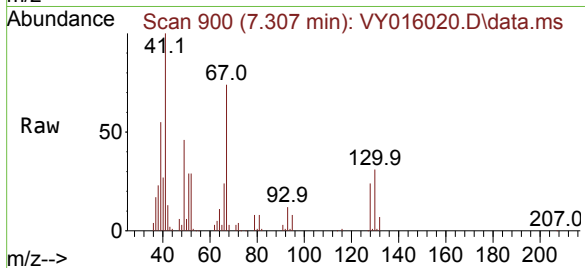
77 23.5 19.0 28.6



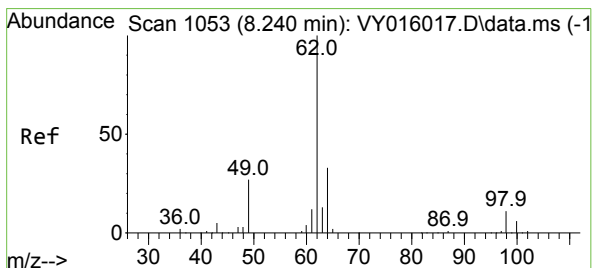
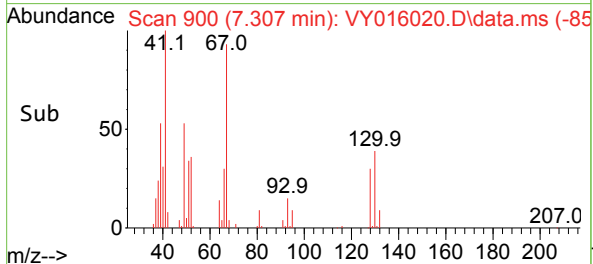
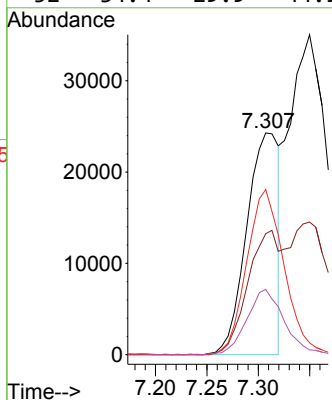


#41
Methacrylonitrile
Concen: 42.189 ug/l
RT: 7.307 min Scan# 90
Delta R.T. -0.012 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

Instrument :
MSVOA_Y
ClientSampleId :

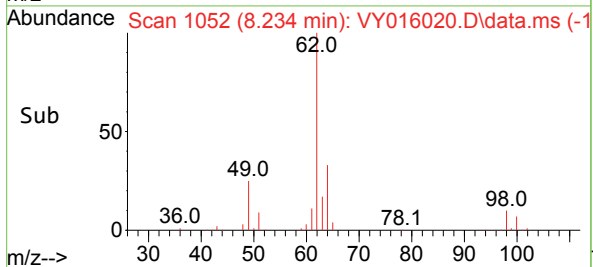
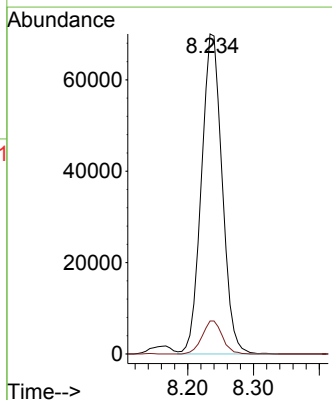
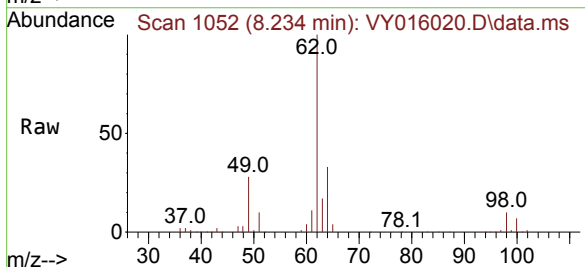


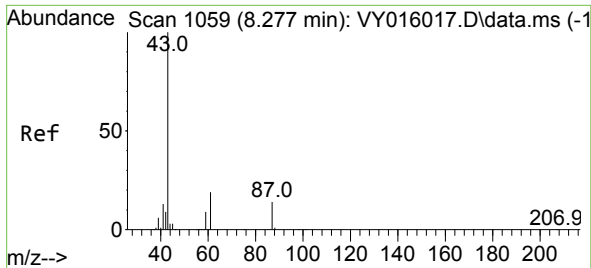
Tgt Ion:	41	Resp:	52776
Ion	Ratio	Lower	Upper
41	100		
39	61.4	52.1	78.1
67	87.1	66.2	99.2
52	34.4	29.9	44.9



#42
1,2-Dichloroethane
Concen: 50.460 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

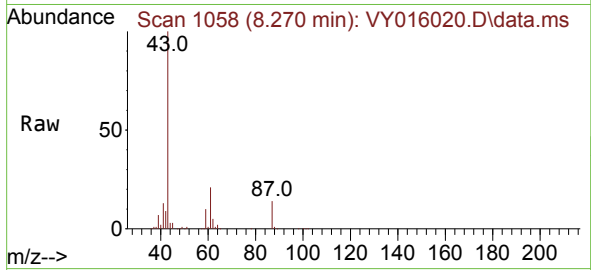
Tgt Ion:	62	Resp:	153258
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	15.8



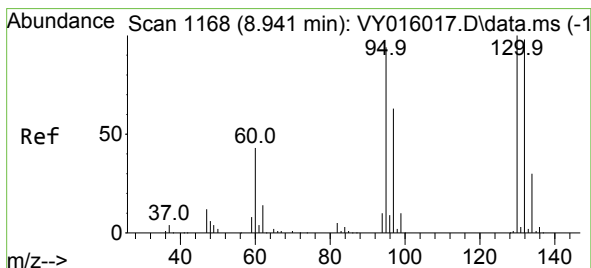
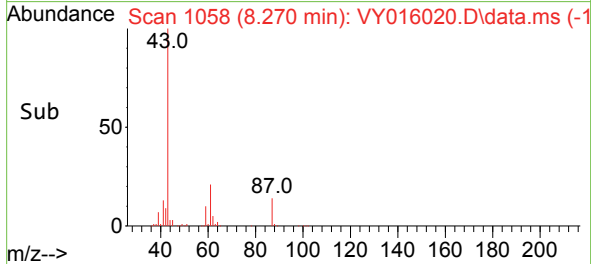
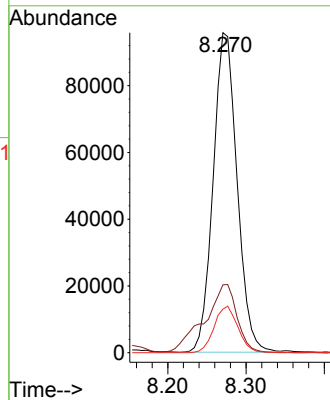


#43
Isopropyl Acetate
Concen: 48.268 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.006 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

Instrument :
MSVOA_Y
ClientSampleId :

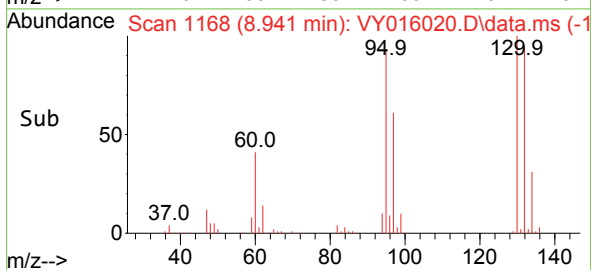
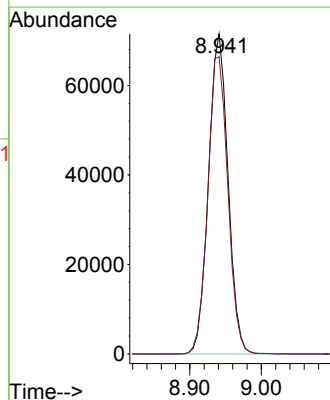
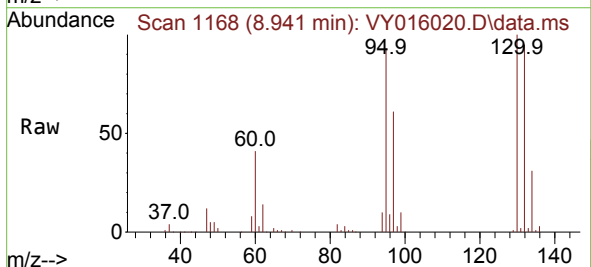


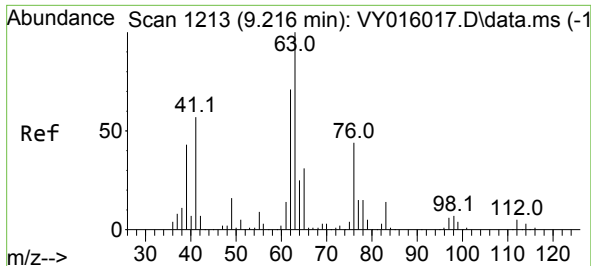
Tgt Ion: 43 Resp: 203502
Ion Ratio Lower Upper
43 100
61 29.1 21.1 31.7
87 14.4 9.8 14.8



#44
Trichloroethene
Concen: 51.149 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

Tgt Ion:130 Resp: 135221
Ion Ratio Lower Upper
130 100
95 92.9 0.0 196.0

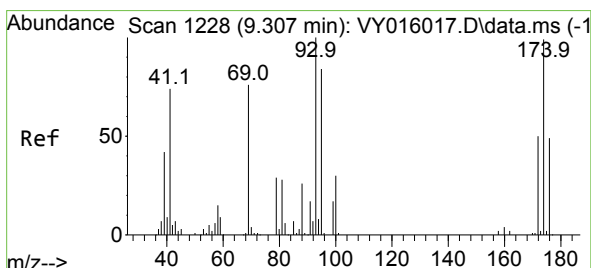
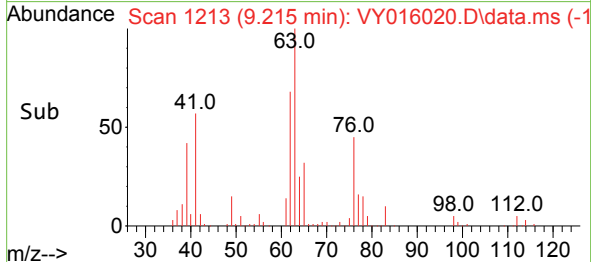
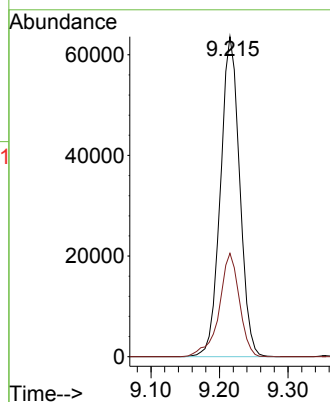
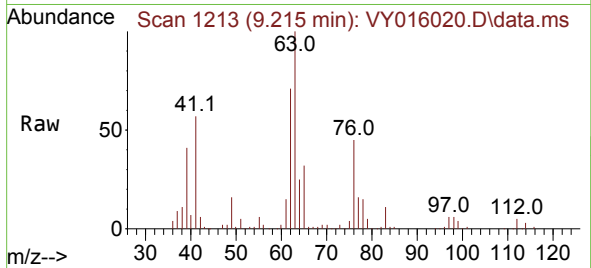




#45
1,2-Dichloropropane
Concen: 52.250 ug/l
RT: 9.215 min Scan# 1213
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

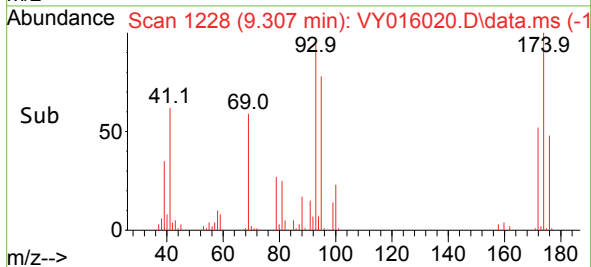
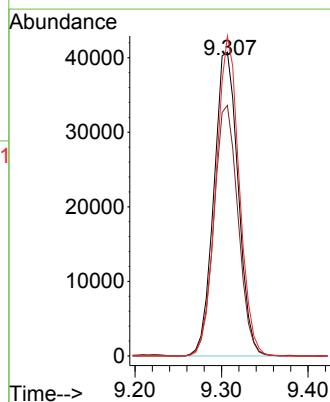
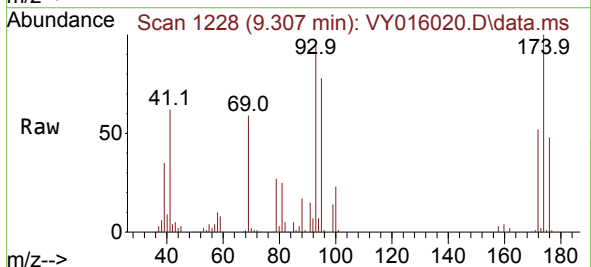
Instrument :
MSVOA_Y
ClientSampleId :

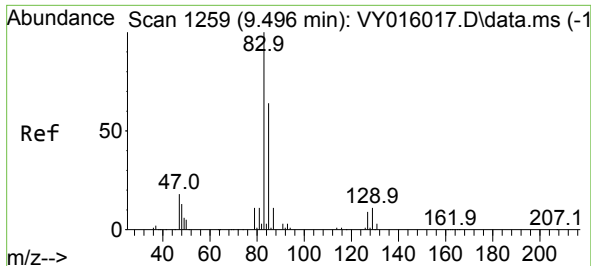
Tgt Ion: 63 Resp: 123292
Ion Ratio Lower Upper
63 100
65 32.3 23.8 35.6



#46
Dibromomethane
Concen: 50.626 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

Tgt Ion: 93 Resp: 79307
Ion Ratio Lower Upper
93 100
95 82.0 66.6 100.0
174 100.7 84.8 127.2

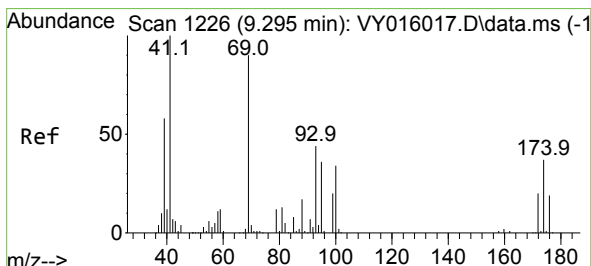
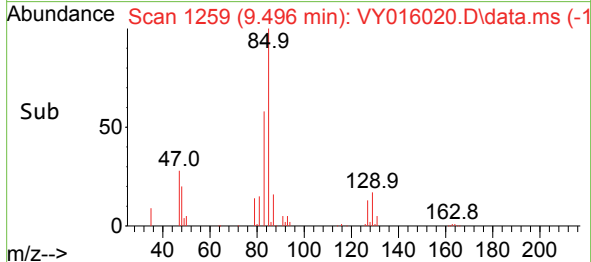
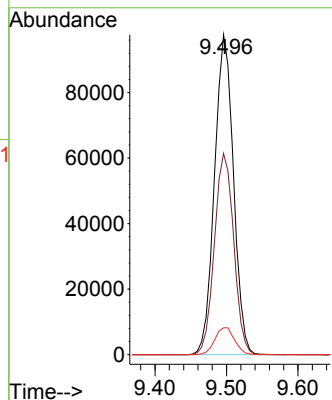
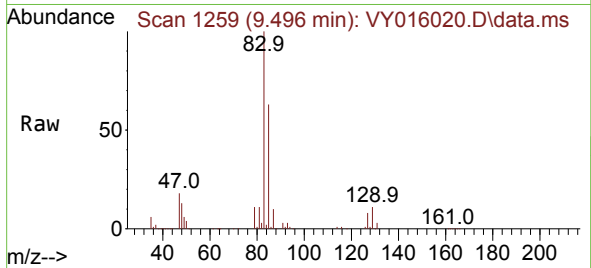




#47
Bromodichloromethane
Concen: 52.415 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

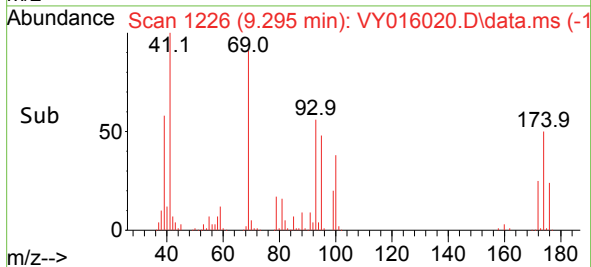
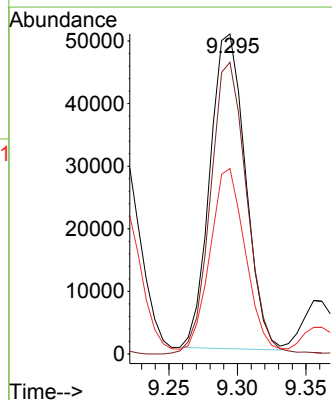
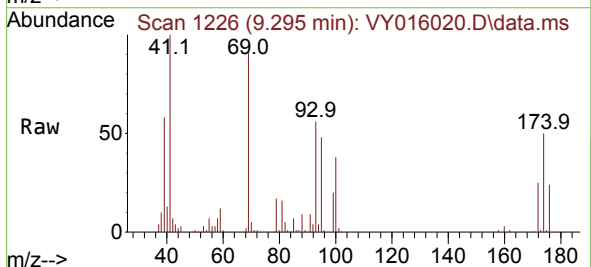
Instrument :
MSVOA_Y
ClientSampleId :

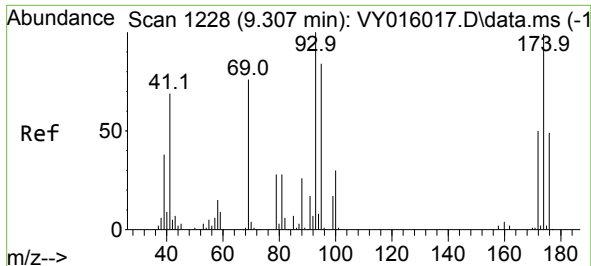
Tgt Ion: 83 Resp: 179964
Ion Ratio Lower Upper
83 100
85 62.9 50.1 75.1
127 8.4 7.1 10.7



#48
Methyl methacrylate
Concen: 47.170 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

Tgt Ion: 41 Resp: 90525
Ion Ratio Lower Upper
41 100
69 94.8 64.5 96.7
39 56.5 50.8 76.2





#49

1,4-Dioxane

Concen: 945.098 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

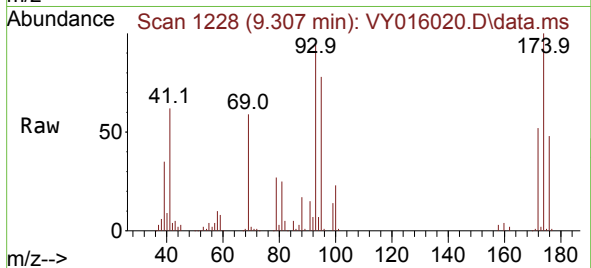
Lab File: VY016020.D

Acq: 18 Oct 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :



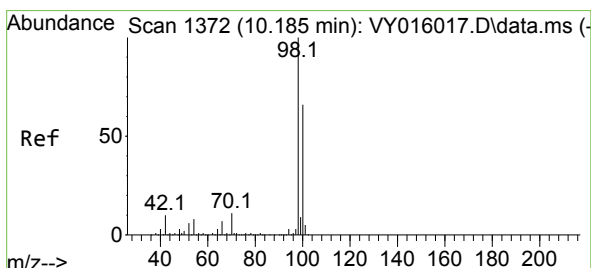
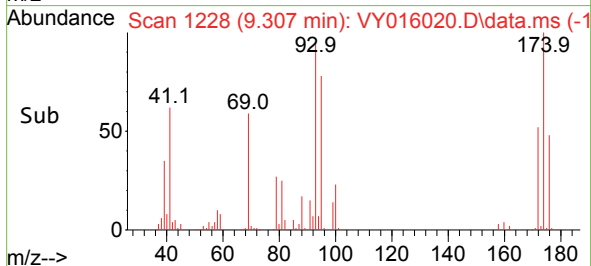
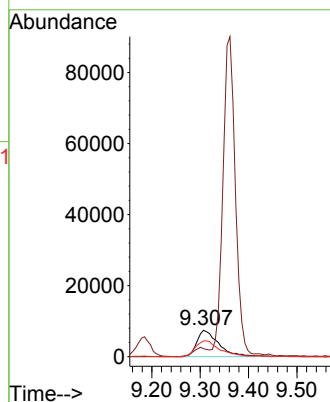
Tgt Ion: 88 Resp: 23575

Ion Ratio Lower Upper

88 100

43 23.2 0.0 0.0#

58 67.4 30.9 46.3#



#50

Toluene-d8

Concen: 48.776 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY016020.D

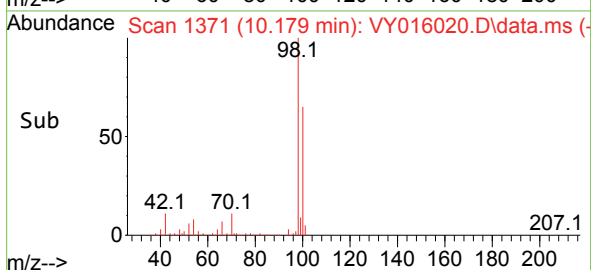
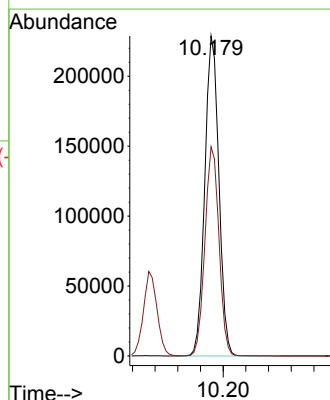
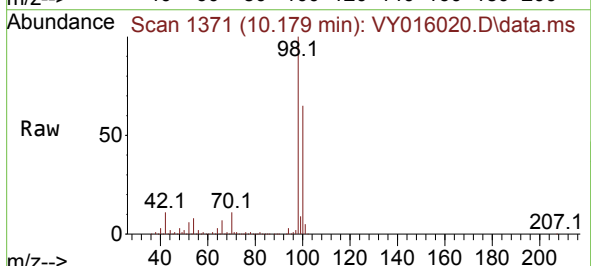
Acq: 18 Oct 2023 14:34

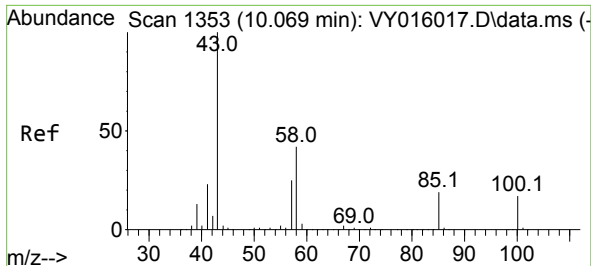
Tgt Ion: 98 Resp: 393906

Ion Ratio Lower Upper

98 100

100 65.4 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 233.318 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. -0.000 min

Lab File: VY016020.D

Acq: 18 Oct 2023 14:34

Instrument :

MSVOA_Y

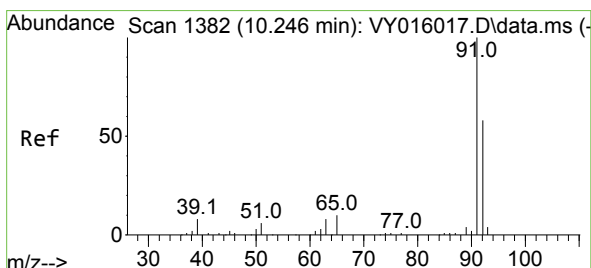
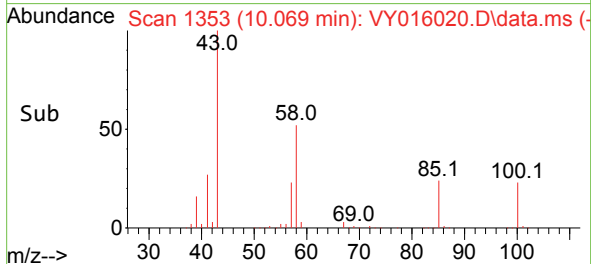
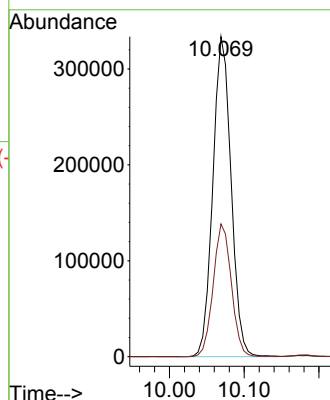
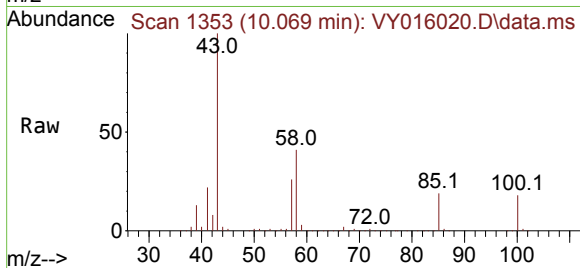
ClientSampleId :

Tgt Ion: 43 Resp: 565678

Ion Ratio Lower Upper

43 100

58 41.3 29.0 43.6



#52

Toluene

Concen: 52.528 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. -0.000 min

Lab File: VY016020.D

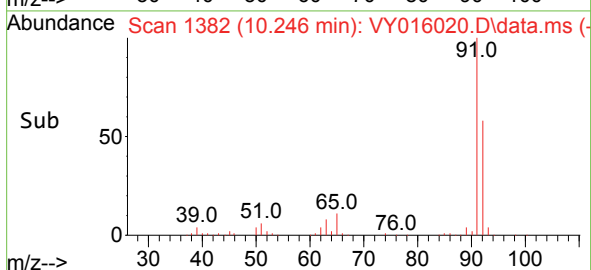
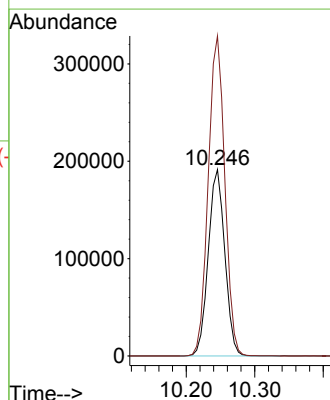
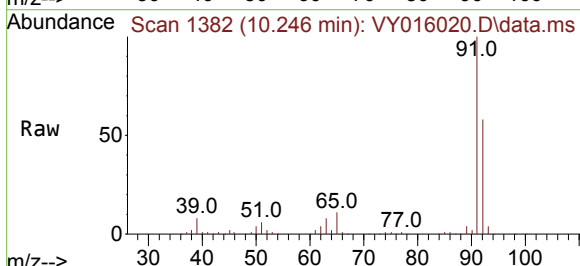
Acq: 18 Oct 2023 14:34

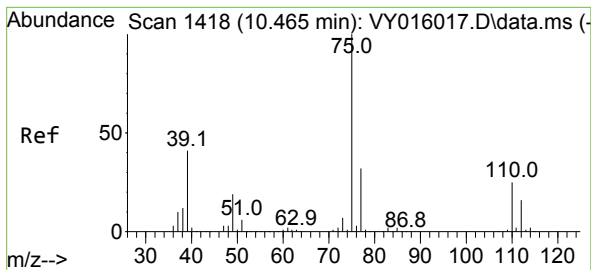
Tgt Ion: 92 Resp: 321239

Ion Ratio Lower Upper

92 100

91 172.1 143.8 215.6

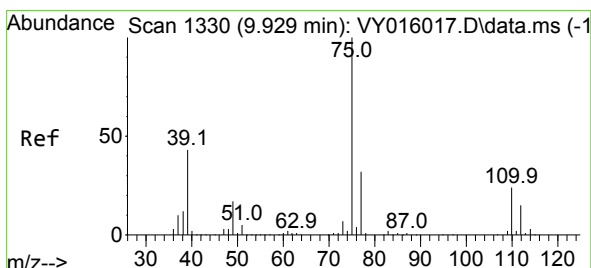
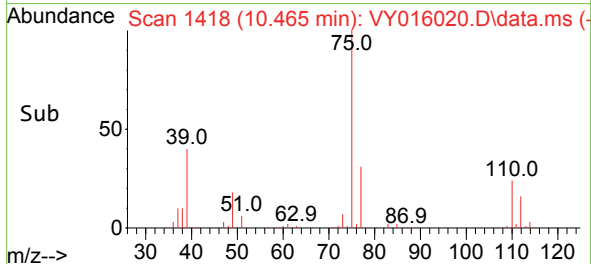
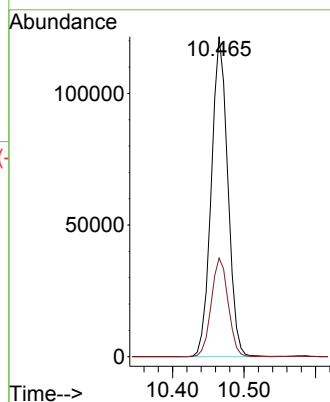
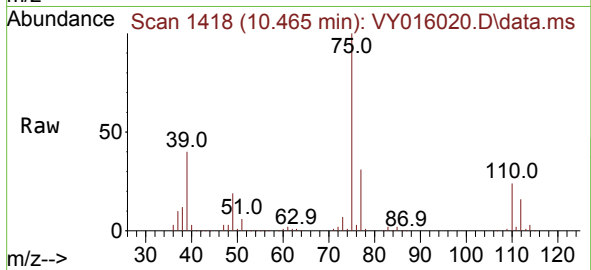




#53
 t-1,3-Dichloropropene
 Concen: 52.305 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VY016020.D
 Acq: 18 Oct 2023 14:34

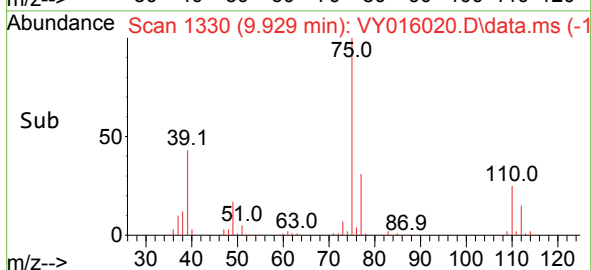
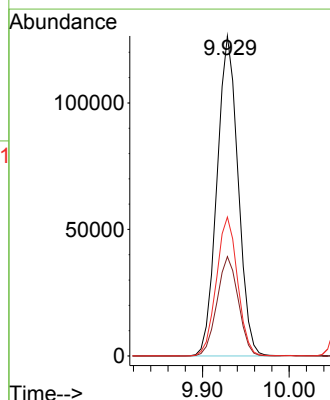
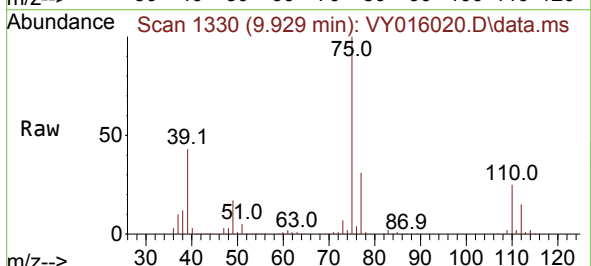
Instrument :
 MSVOA_Y
 ClientSampleId :

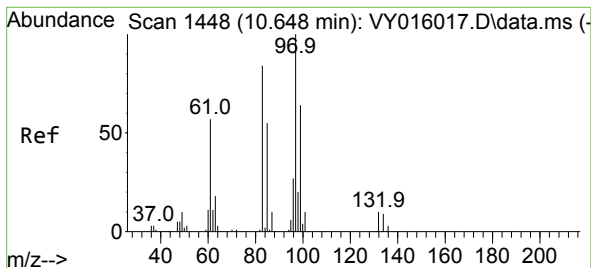
Tgt Ion: 75 Resp: 194542
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 52.818 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY016020.D
 Acq: 18 Oct 2023 14:34

Tgt Ion: 75 Resp: 214140
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.2 36.4
 39 43.4 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 51.217 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VY016020.D

Acq: 18 Oct 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 110227

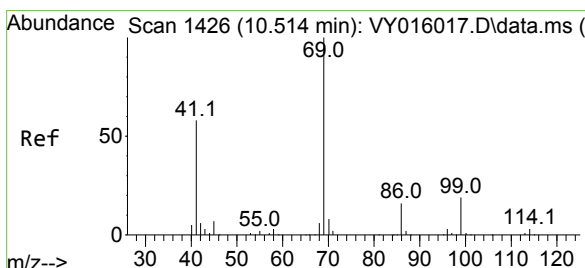
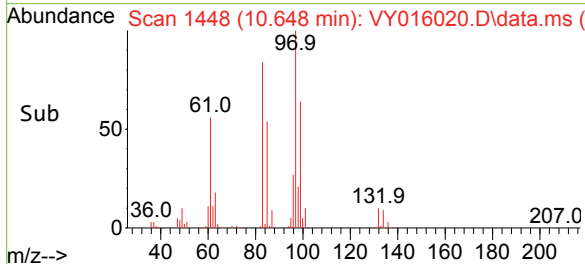
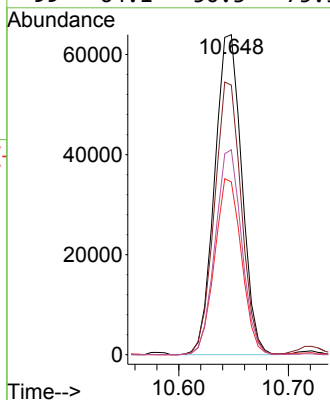
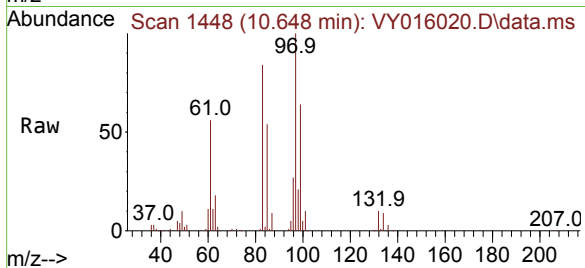
Ion Ratio Lower Upper

97 100

83 84.2 72.0 108.0

85 54.0 45.4 68.0

99 64.1 50.3 75.5



#56

Ethyl methacrylate

Concen: 50.908 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.006 min

Lab File: VY016020.D

Acq: 18 Oct 2023 14:34

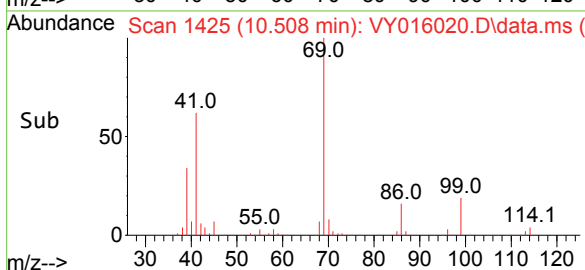
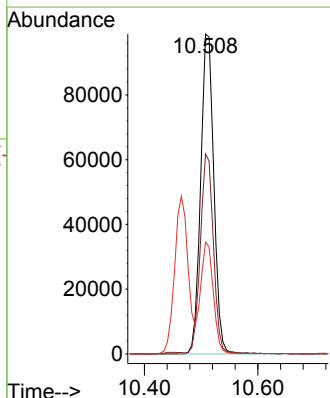
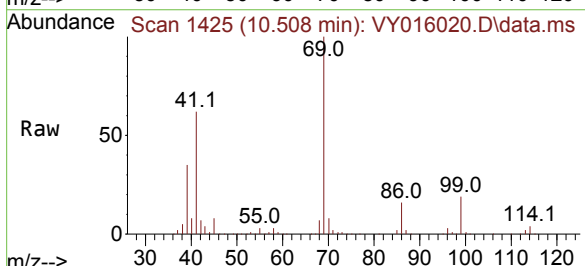
Tgt Ion: 69 Resp: 160117

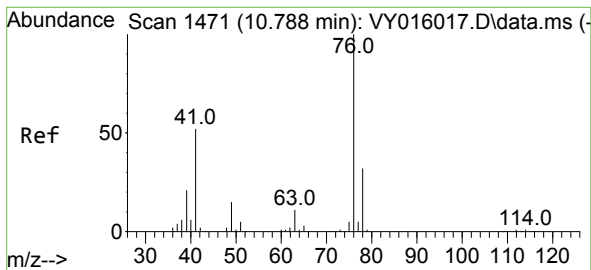
Ion Ratio Lower Upper

69 100

41 61.3 57.6 86.4

39 33.3 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 50.765 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY016020.D

Acq: 18 Oct 2023 14:34

Instrument :

MSVOA_Y

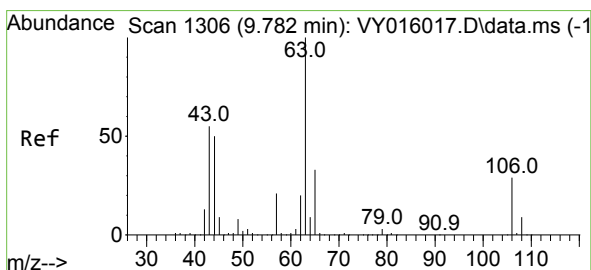
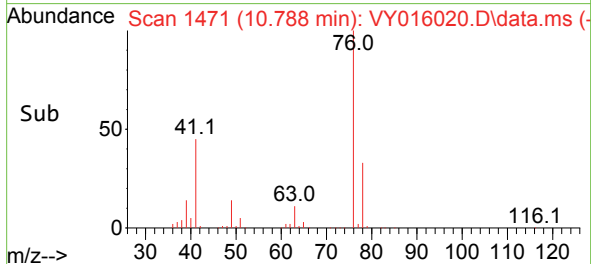
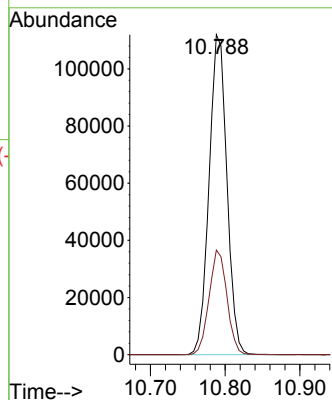
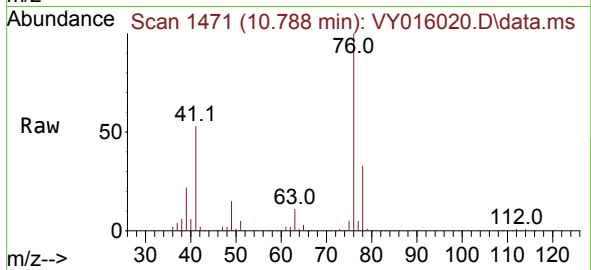
ClientSampleId :

Tgt Ion: 76 Resp: 185344

Ion Ratio Lower Upper

76 100

78 32.7 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 247.498 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY016020.D

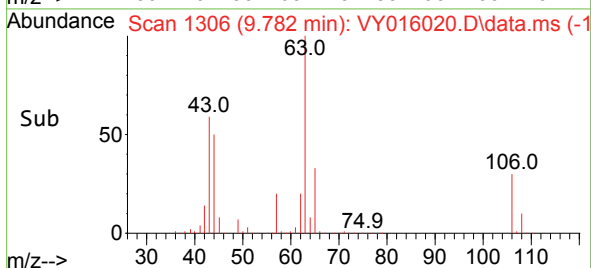
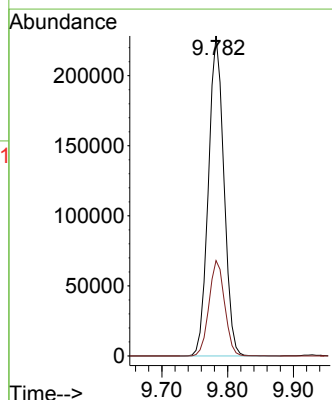
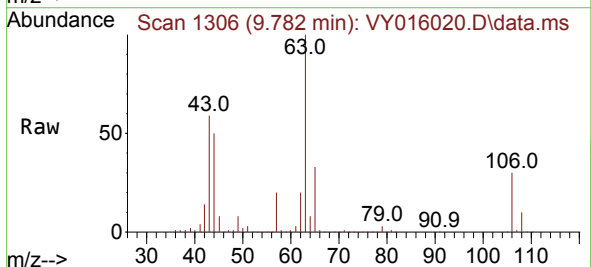
Acq: 18 Oct 2023 14:34

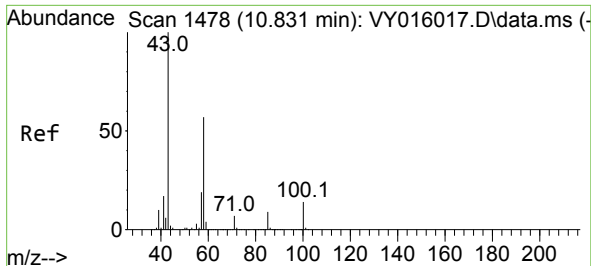
Tgt Ion: 63 Resp: 373903

Ion Ratio Lower Upper

63 100

106 30.0 21.2 31.8

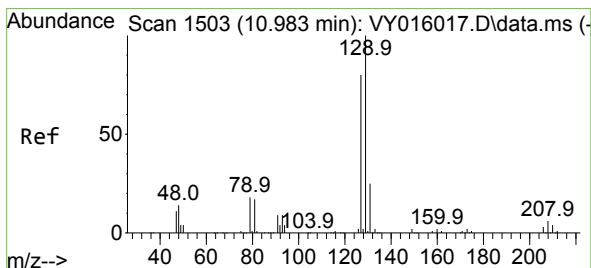
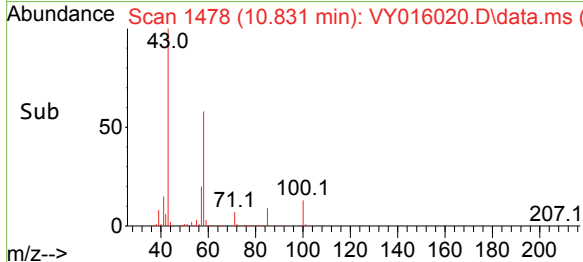
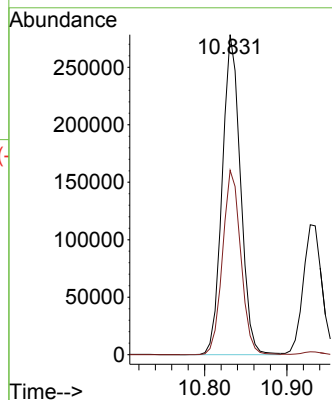
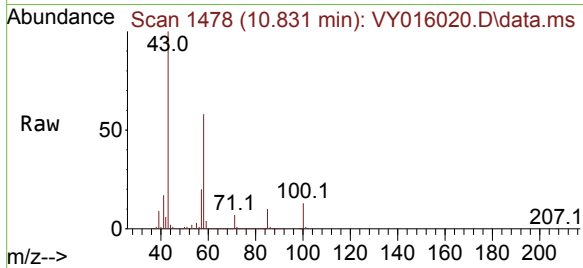




#59
2-Hexanone
Concen: 233.250 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

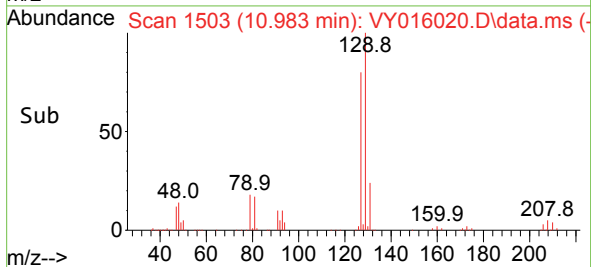
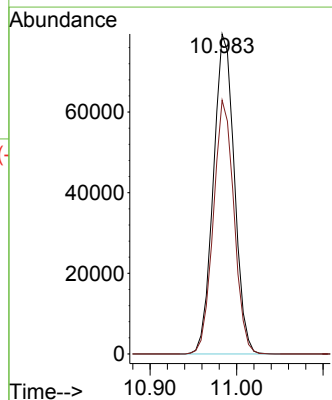
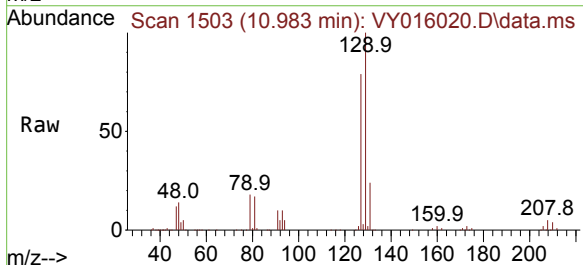
Instrument :
MSVOA_Y
ClientSampleId :

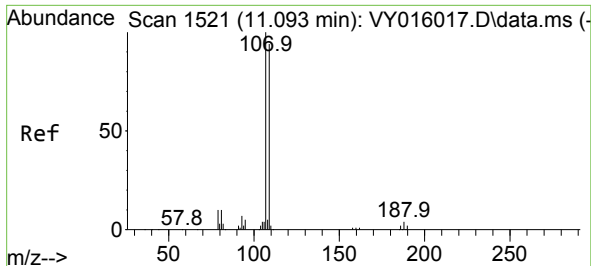
Tgt Ion: 43 Resp: 430255
Ion Ratio Lower Upper
43 100
58 57.6 25.1 75.3



#60
Dibromochloromethane
Concen: 51.229 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

Tgt Ion:129 Resp: 133337
Ion Ratio Lower Upper
129 100
127 78.0 38.5 115.5

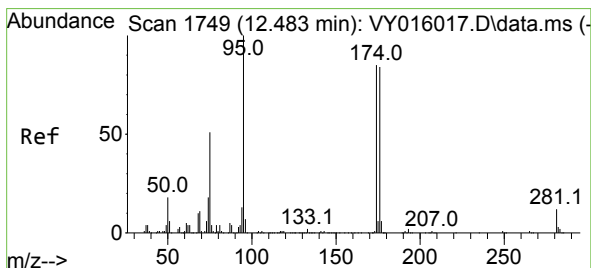
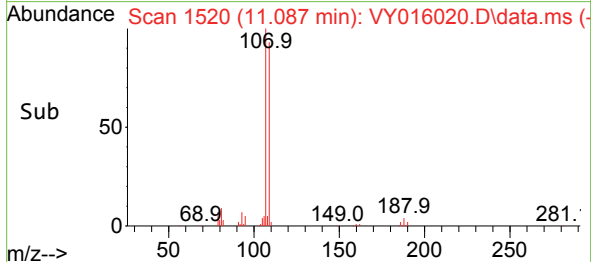
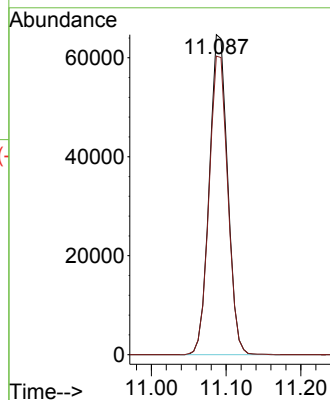
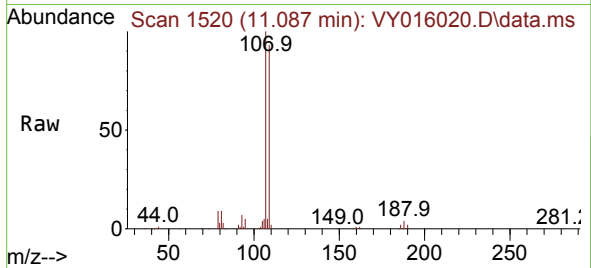




#61
1,2-Dibromoethane
Concen: 50.142 ug/l
RT: 11.087 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

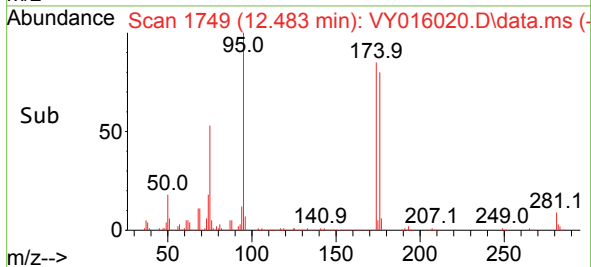
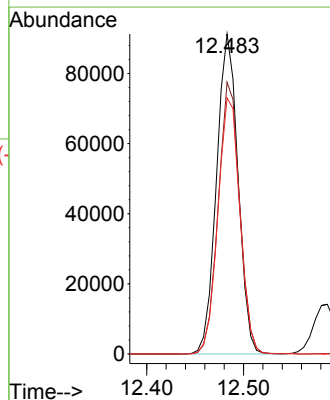
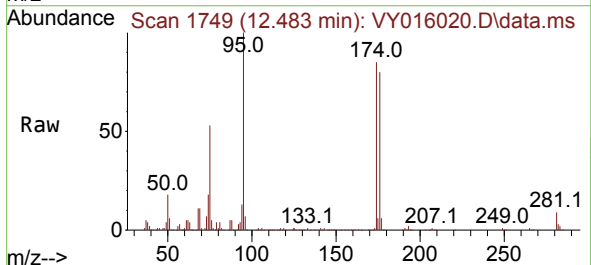
Instrument :
MSVOA_Y
ClientSampleId :

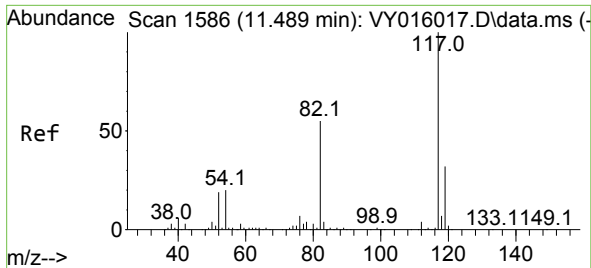
Tgt Ion:107 Resp: 109824
Ion Ratio Lower Upper
107 100
109 95.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 48.690 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

Tgt Ion: 95 Resp: 140302
Ion Ratio Lower Upper
95 100
174 85.0 0.0 178.2
176 82.0 0.0 173.8

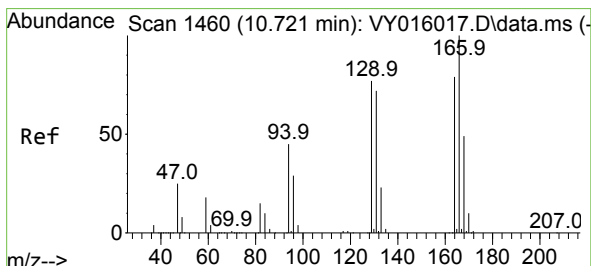
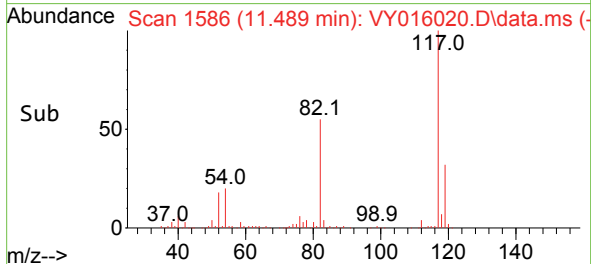
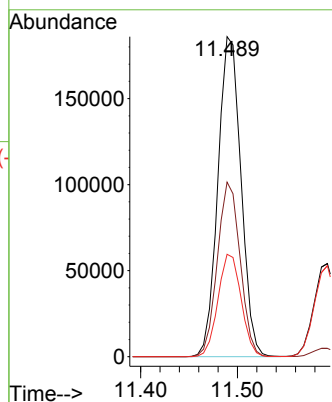
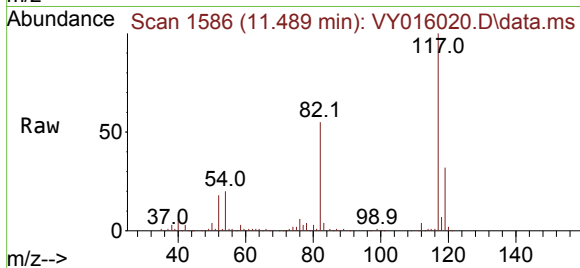




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

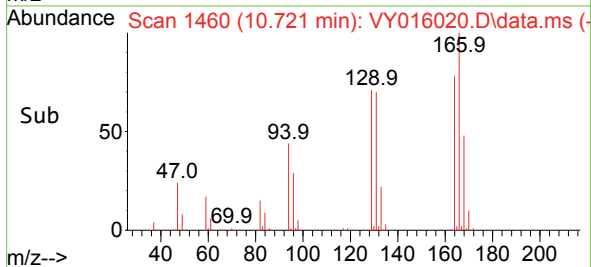
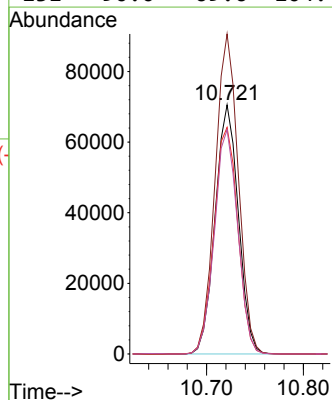
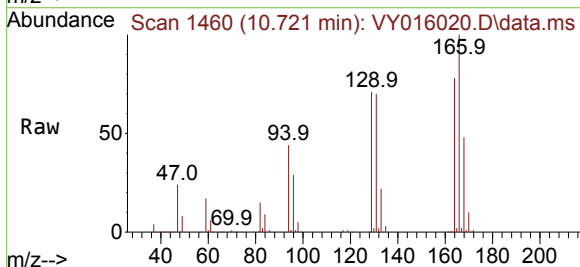
Instrument :
MSVOA_Y
ClientSampleId :

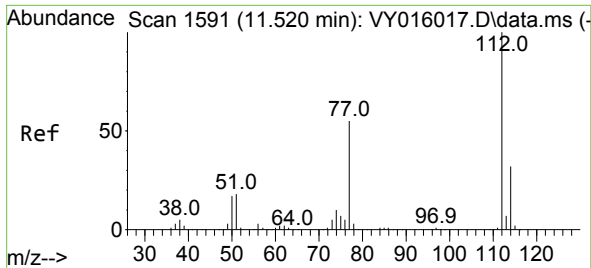
Tgt Ion:117 Resp: 308044
Ion Ratio Lower Upper
117 100
82 54.6 43.4 65.0
119 32.0 26.3 39.5



#64
Tetrachloroethene
Concen: 49.265 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

Tgt Ion:164 Resp: 117677
Ion Ratio Lower Upper
164 100
166 128.5 103.0 154.6
129 91.0 77.2 115.8
131 90.0 69.6 104.4

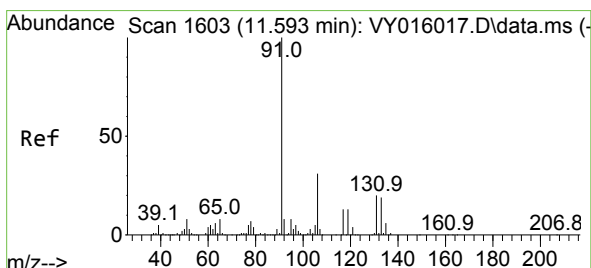
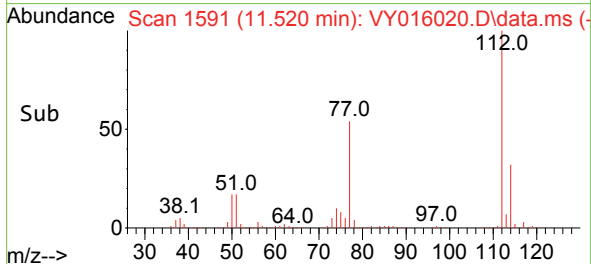
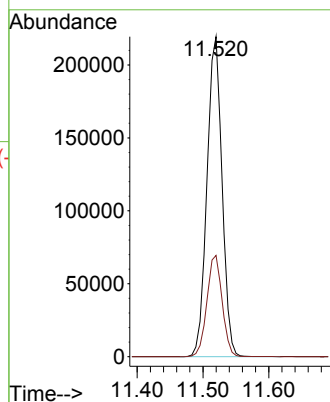
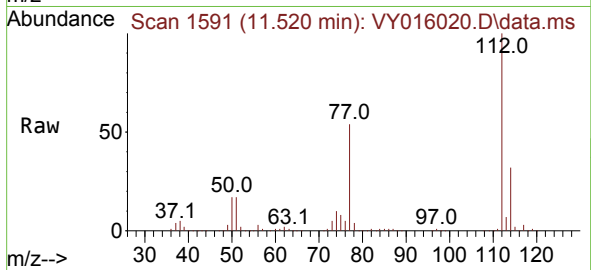




#65
Chlorobenzene
Concen: 52.345 ug/l
RT: 11.520 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

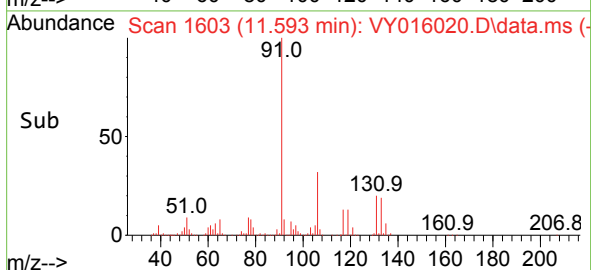
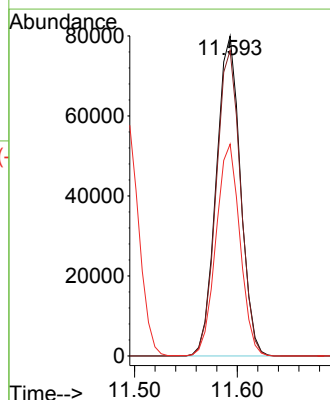
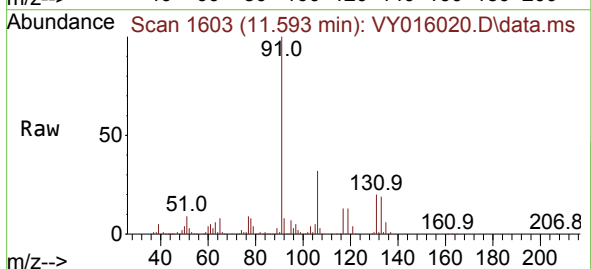
Instrument :
MSVOA_Y
ClientSampleId :

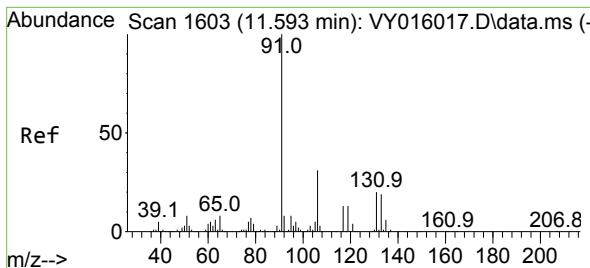
Tgt Ion:112 Resp: 349207
Ion Ratio Lower Upper
112 100
114 31.7 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 51.907 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

Tgt Ion:131 Resp: 130522
Ion Ratio Lower Upper
131 100
133 96.0 47.5 142.6
119 65.9 31.6 94.7





#67

Ethyl Benzene

Concen: 52.679 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY016020.D

Acq: 18 Oct 2023 14:34

Instrument :

MSVOA_Y

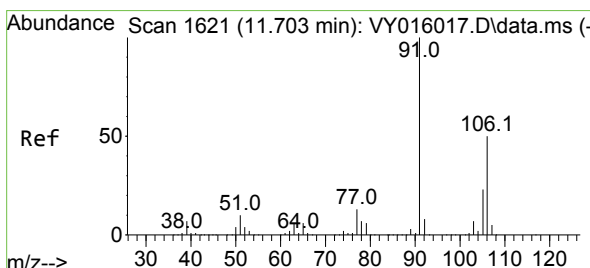
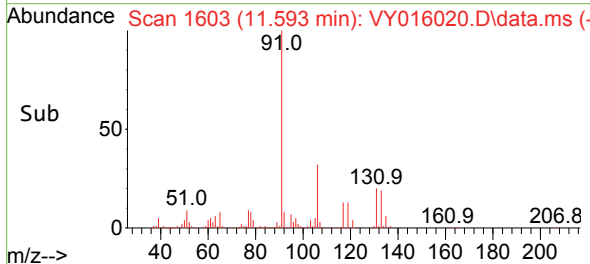
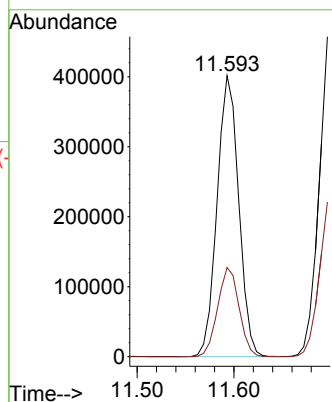
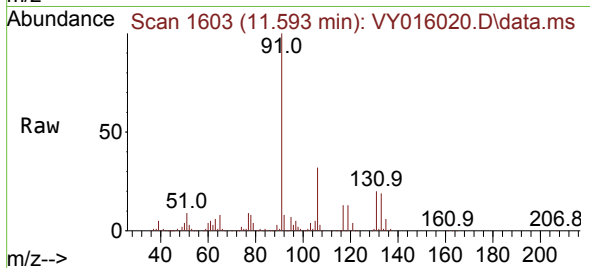
ClientSampleId :

Tgt Ion: 91 Resp: 621880

Ion Ratio Lower Upper

91 100

106 31.7 24.6 36.8



#68

m/p-Xylenes

Concen: 104.725 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY016020.D

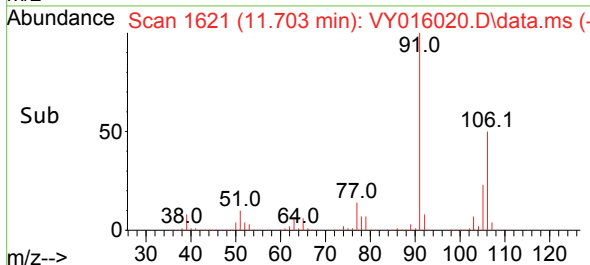
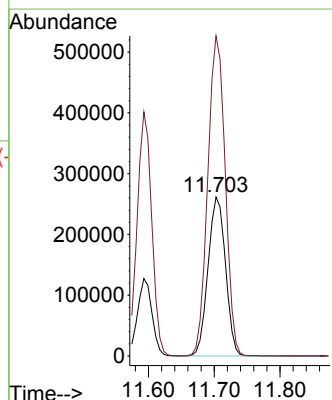
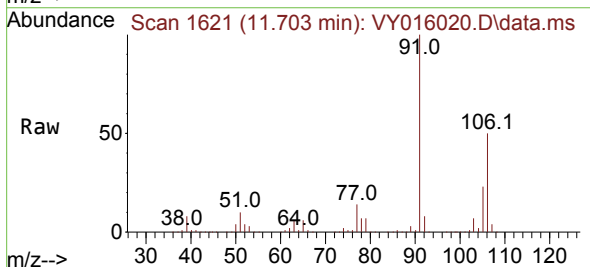
Acq: 18 Oct 2023 14:34

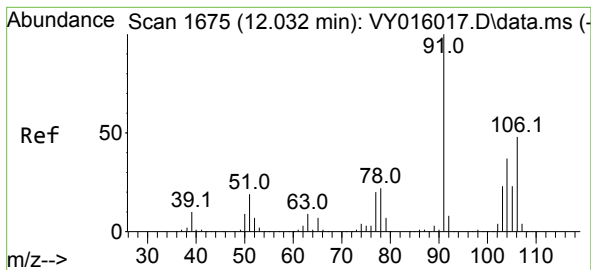
Tgt Ion:106 Resp: 482087

Ion Ratio Lower Upper

106 100

91 201.3 166.1 249.1





#69

o-Xylene

Concen: 52.832 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. -0.000 min

Lab File: VY016020.D

Acq: 18 Oct 2023 14:34

Instrument :

MSVOA_Y

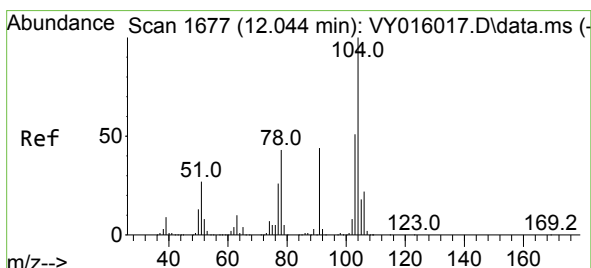
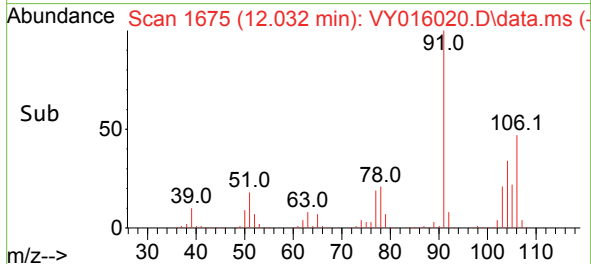
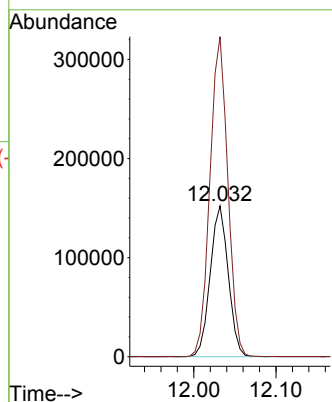
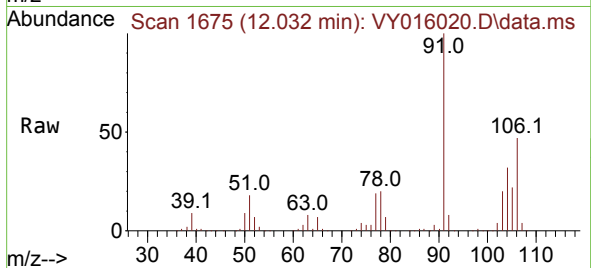
ClientSampleId :

Tgt Ion:106 Resp: 231367

Ion Ratio Lower Upper

106 100

91 210.9 108.1 324.3



#70

Styrene

Concen: 52.908 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY016020.D

Acq: 18 Oct 2023 14:34

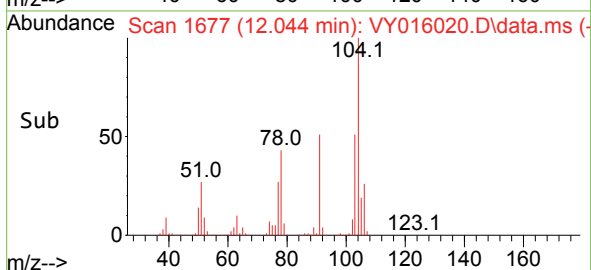
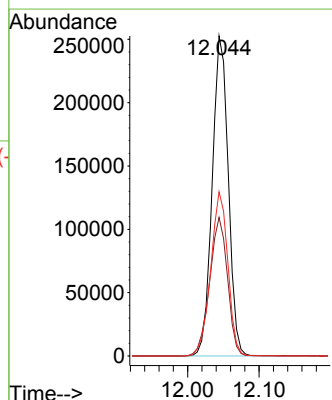
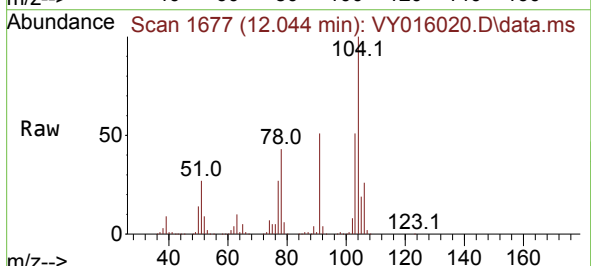
Tgt Ion:104 Resp: 394901

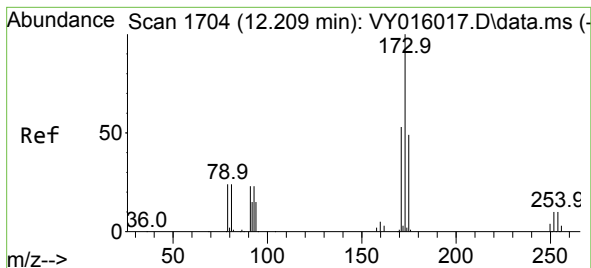
Ion Ratio Lower Upper

104 100

78 47.8 41.5 62.3

103 54.7 44.6 67.0





#71

Bromoform

Concen: 50.443 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016020.D

Acq: 18 Oct 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

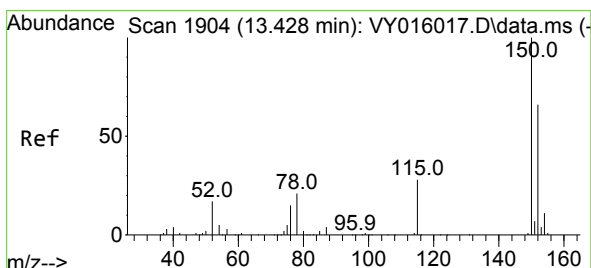
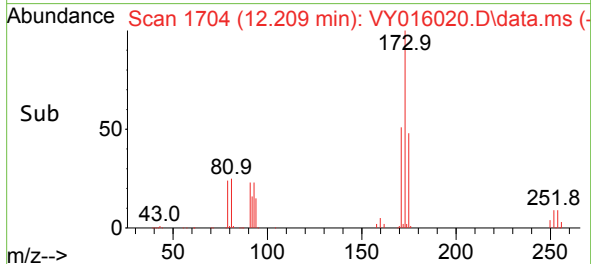
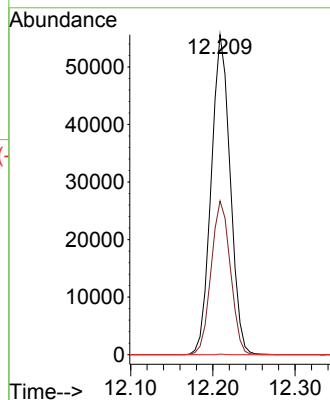
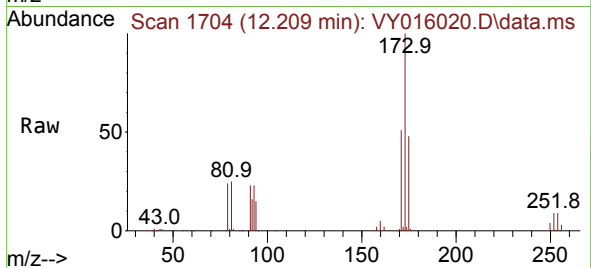
Tgt Ion:173 Resp: 89252

Ion Ratio Lower Upper

173 100

175 48.7 24.6 73.8

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY016020.D

Acq: 18 Oct 2023 14:34

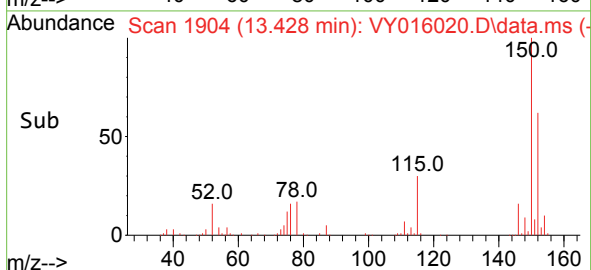
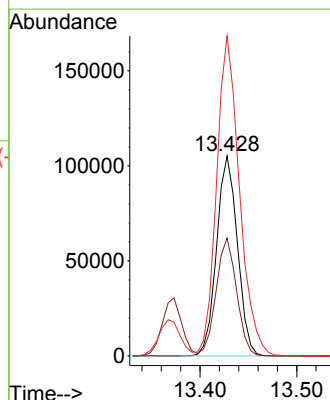
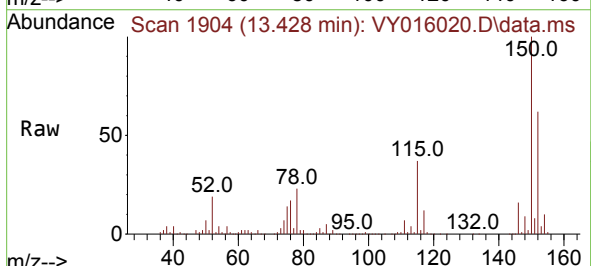
Tgt Ion:152 Resp: 157193

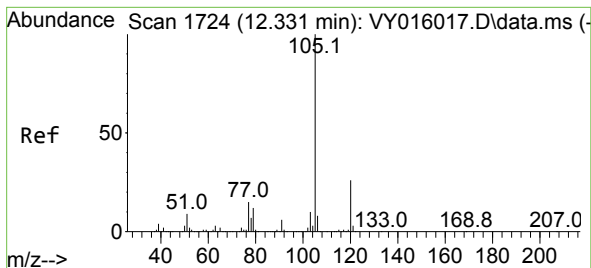
Ion Ratio Lower Upper

152 100

115 58.1 28.8 86.5

150 175.8 0.0 348.8





#73

Isopropylbenzene

Concen: 51.940 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. -0.000 min

Lab File: VY016020.D

Acq: 18 Oct 2023 14:34

Instrument :

MSVOA_Y

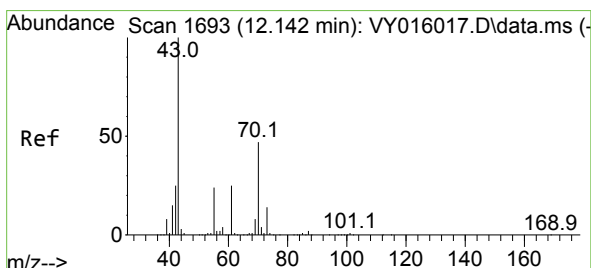
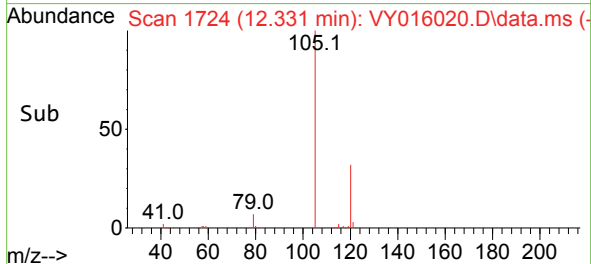
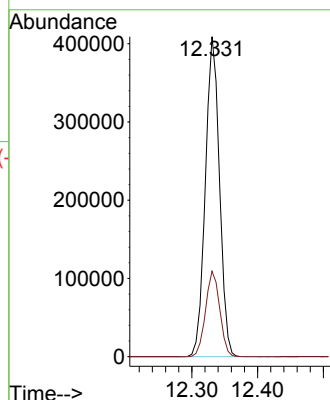
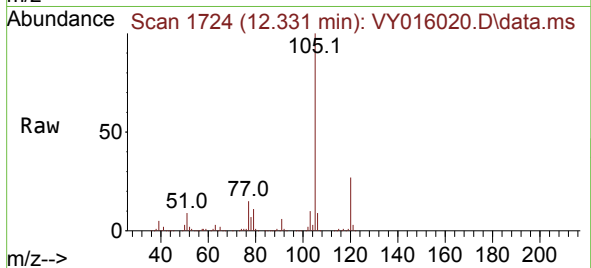
ClientSampleId :

Tgt Ion:105 Resp: 610742

Ion Ratio Lower Upper

105 100

120 26.9 13.3 39.9



#74

N-ethyl acetate

Concen: 50.373 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY016020.D

Acq: 18 Oct 2023 14:34

Tgt Ion: 43 Resp: 187085

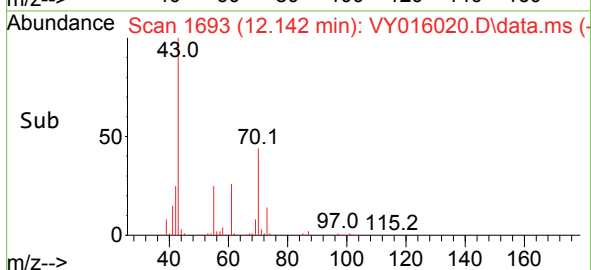
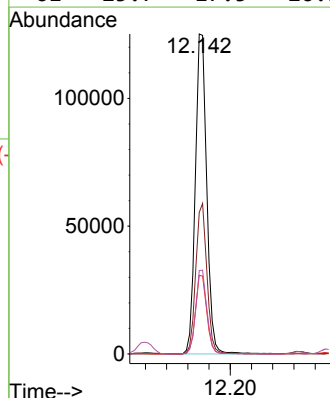
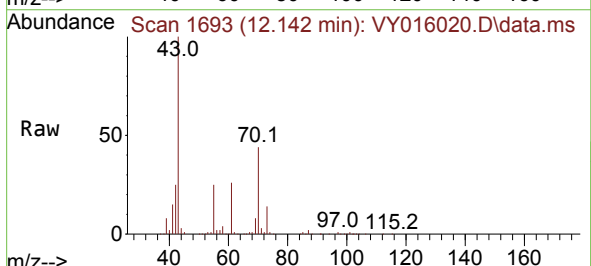
Ion Ratio Lower Upper

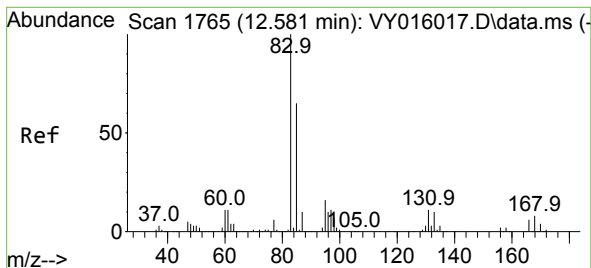
43 100

70 45.8 29.7 44.5

55 24.3 18.3 27.5

61 25.7 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 48.106 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.006 min

Lab File: VY016020.D

Acq: 18 Oct 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

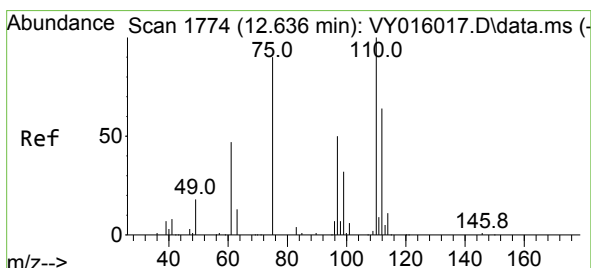
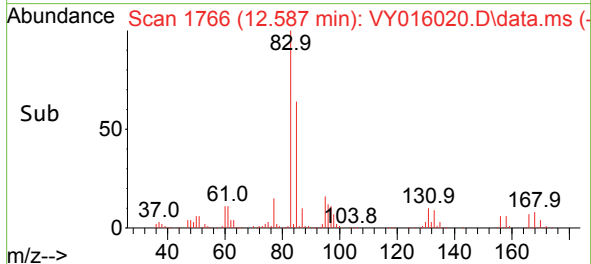
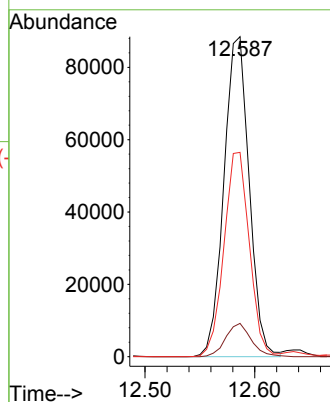
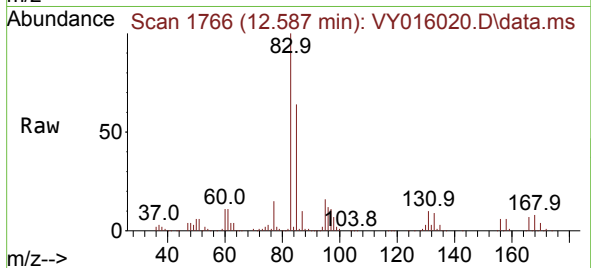
Tgt Ion: 83 Resp: 141675

Ion Ratio Lower Upper

83 100

131 10.5 5.4 16.2

85 64.4 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 80.438 ug/l

RT: 12.635 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY016020.D

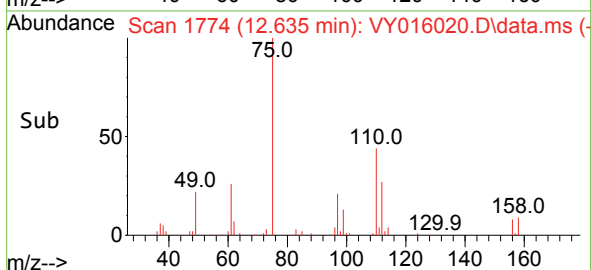
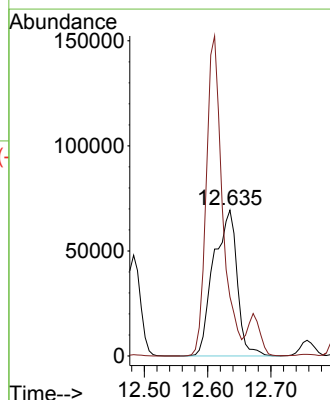
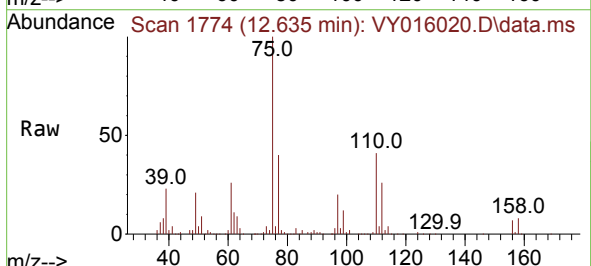
Acq: 18 Oct 2023 14:34

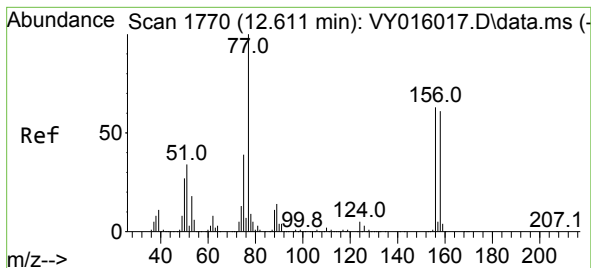
Tgt Ion: 75 Resp: 179031

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.314 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY016020.D

Acq: 18 Oct 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

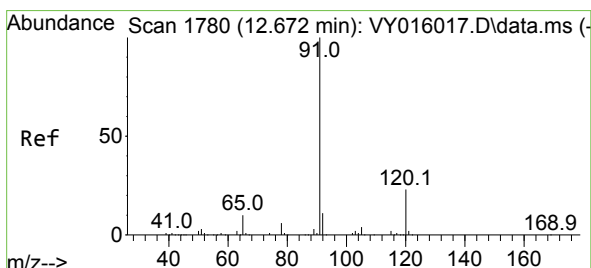
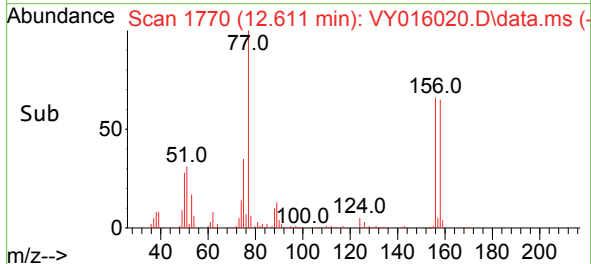
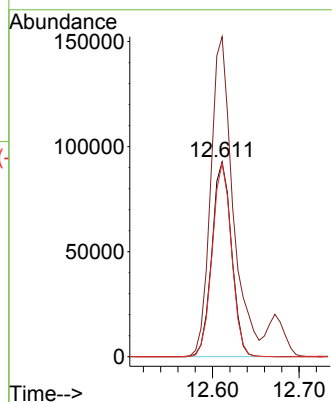
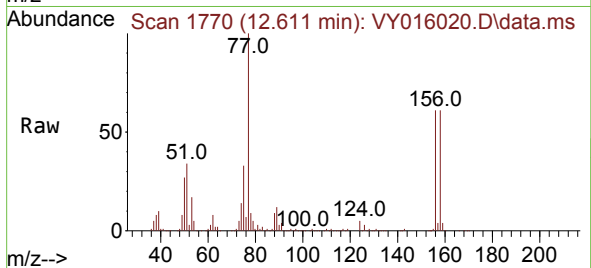
Tgt Ion:156 Resp: 146451

Ion Ratio Lower Upper

156 100

77 185.4 92.8 278.6

158 97.1 48.4 145.3



#78

n-propylbenzene

Concen: 52.095 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY016020.D

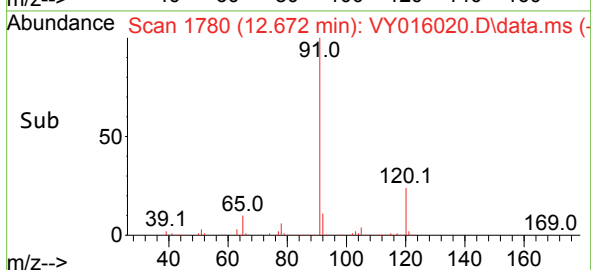
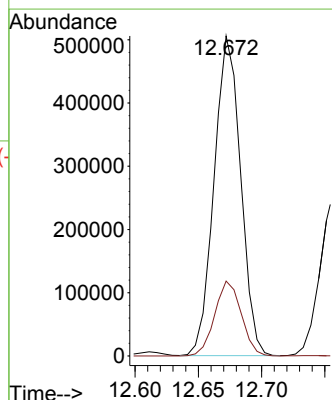
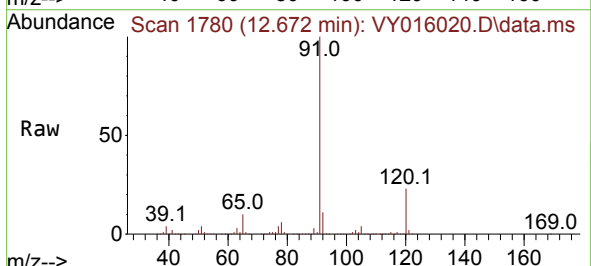
Acq: 18 Oct 2023 14:34

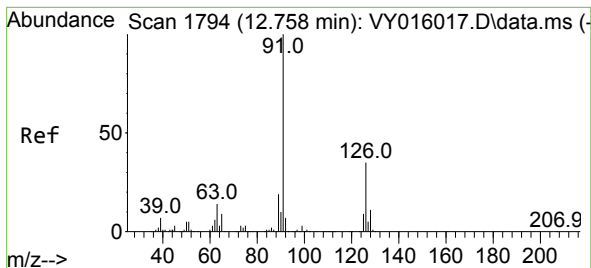
Tgt Ion: 91 Resp: 737818

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4

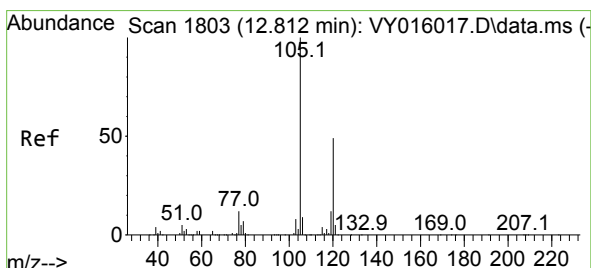
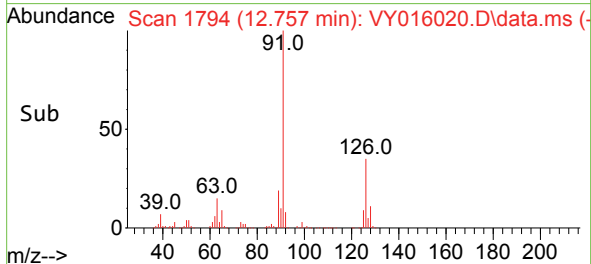
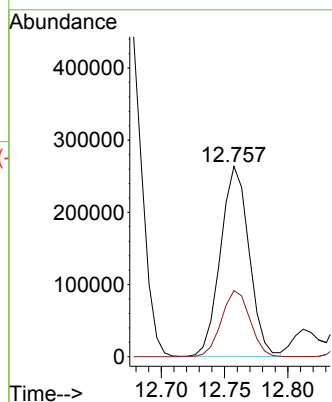
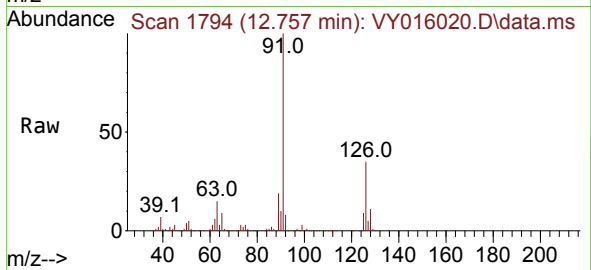




#79
2-Chlorotoluene
Concen: 52.046 ug/l
RT: 12.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

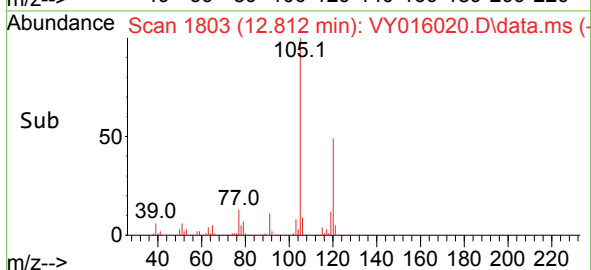
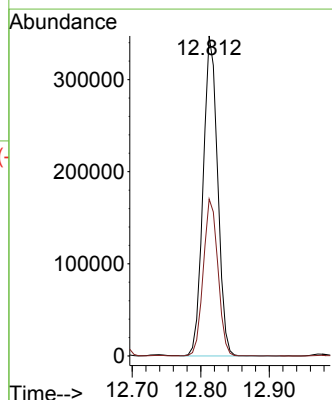
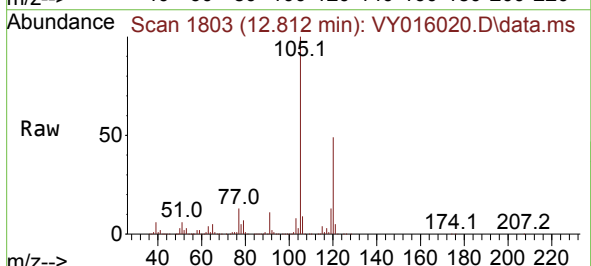
Instrument :
MSVOA_Y
ClientSampleId :

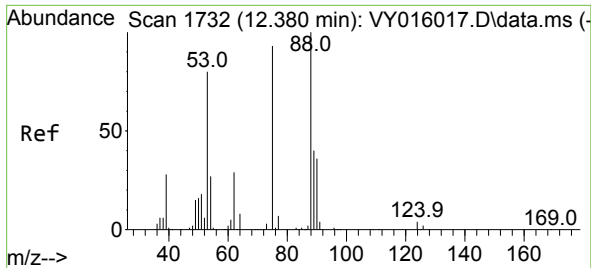
Tgt Ion: 91 Resp: 413752
Ion Ratio Lower Upper
91 100
126 34.7 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 52.604 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

Tgt Ion:105 Resp: 512343
Ion Ratio Lower Upper
105 100
120 49.4 23.9 71.7

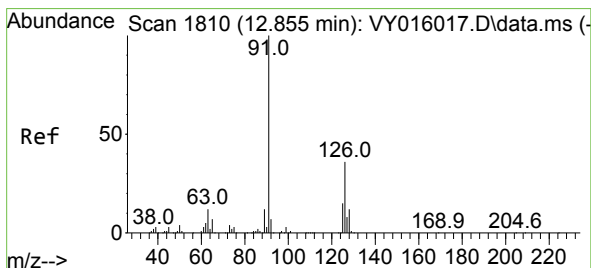
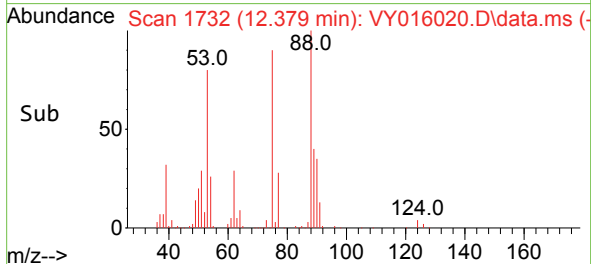
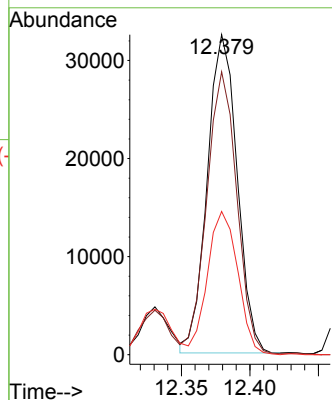
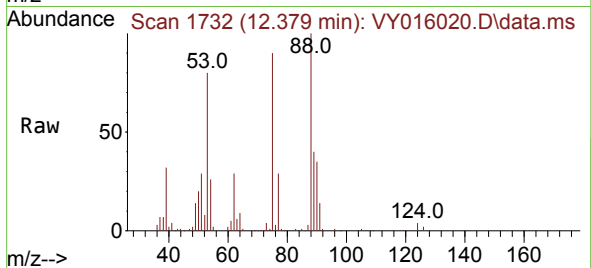




#81
trans-1,4-Dichloro-2-butene
Concen: 48.251 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

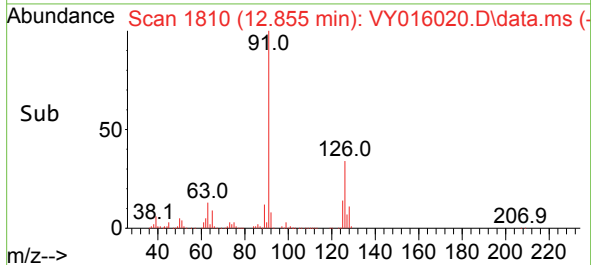
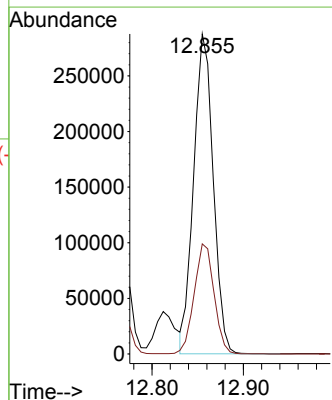
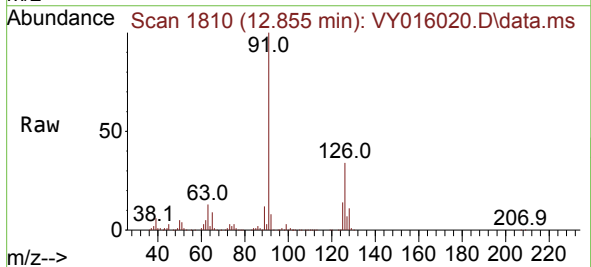
Instrument :
MSVOA_Y
ClientSampleId :

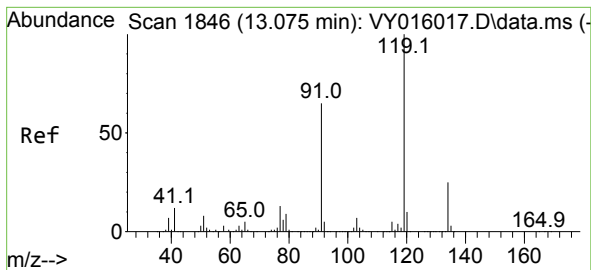
Tgt Ion: 75 Resp: 49197
Ion Ratio Lower Upper
75 100
53 89.2 77.8 116.8
89 45.5 37.4 56.0



#82
4-Chlorotoluene
Concen: 51.576 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

Tgt Ion: 91 Resp: 427909
Ion Ratio Lower Upper
91 100
126 35.1 17.2 51.6

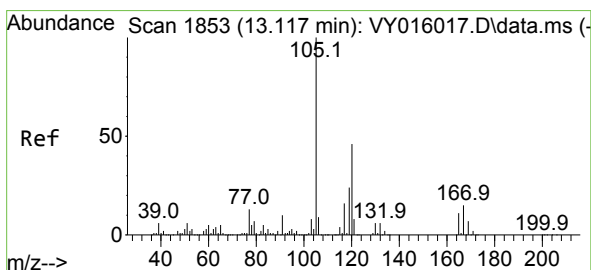
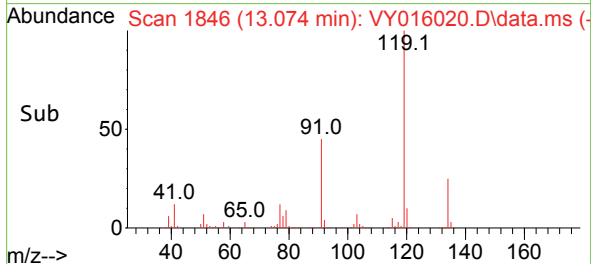
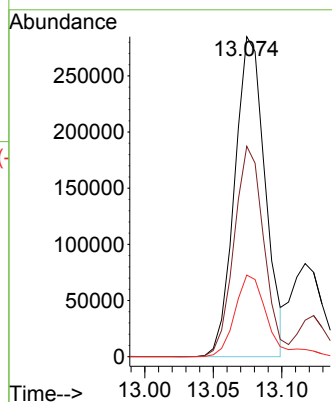
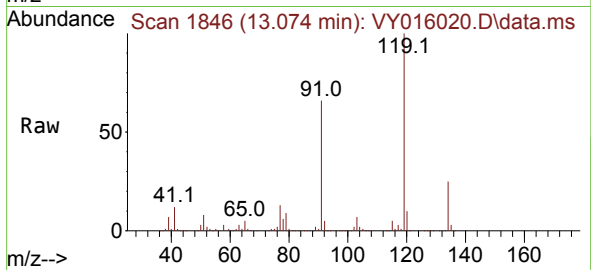




#83
tert-Butylbenzene
Concen: 51.614 ug/l
RT: 13.074 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

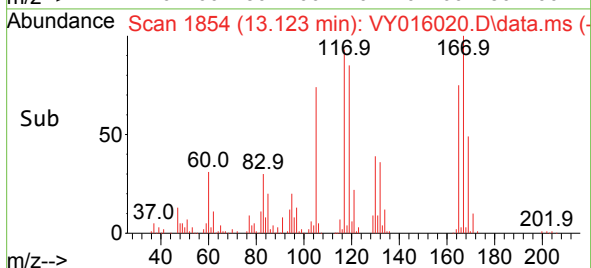
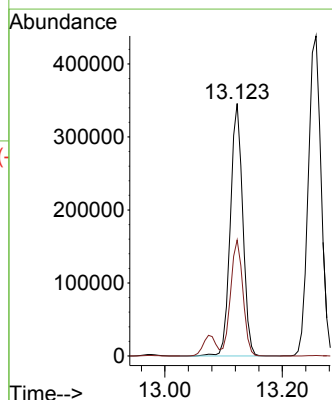
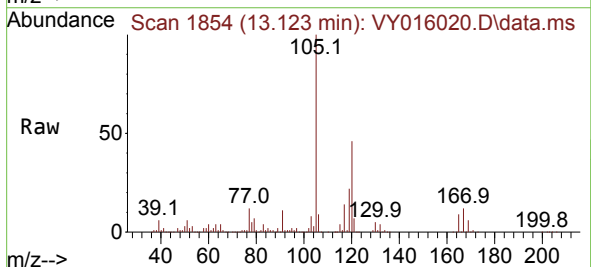
Instrument :
MSVOA_Y
ClientSampleId :

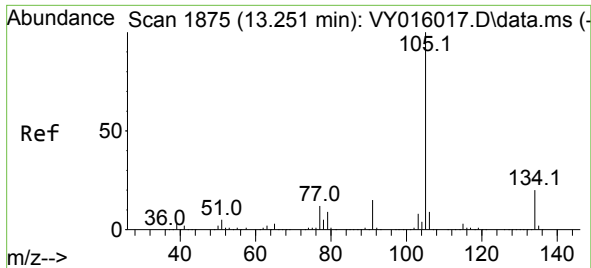
Tgt Ion:119 Resp: 440797
Ion Ratio Lower Upper
119 100
91 64.7 32.9 98.6
134 27.5 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 52.467 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

Tgt Ion:105 Resp: 507442
Ion Ratio Lower Upper
105 100
120 46.0 22.2 66.6

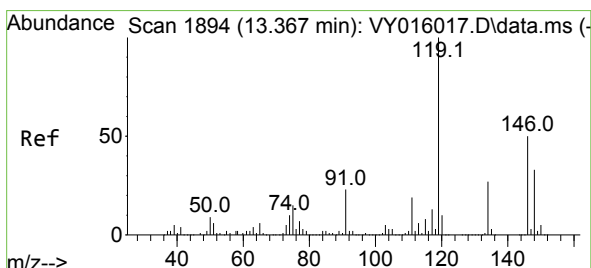
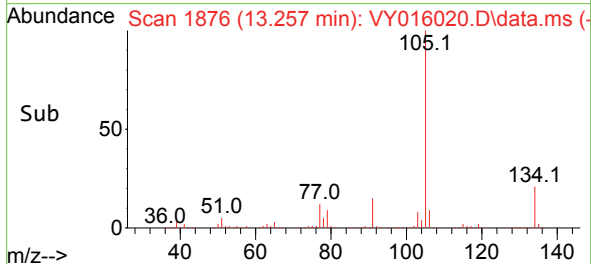
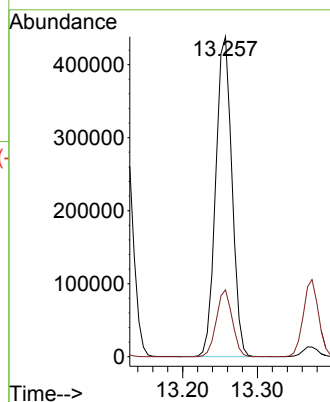
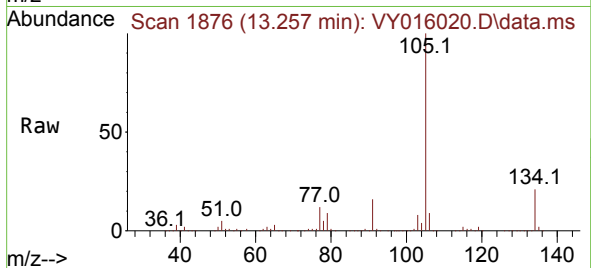




#85
 sec-Butylbenzene
 Concen: 51.921 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. 0.006 min
 Lab File: VY016020.D
 Acq: 18 Oct 2023 14:34

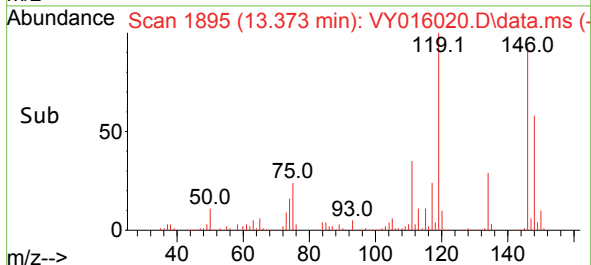
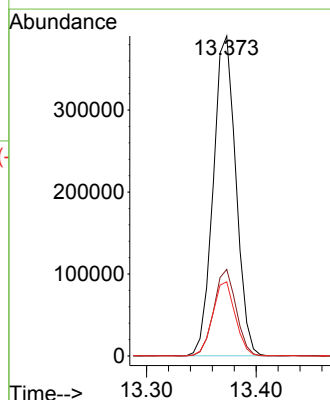
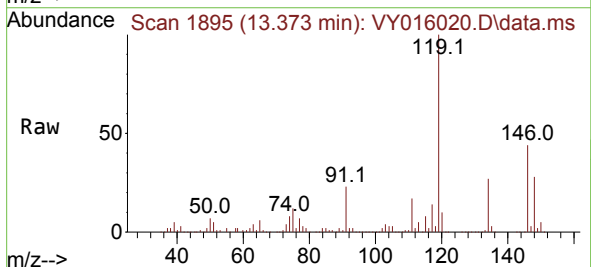
Instrument :
 MSVOA_Y
 ClientSampleId :

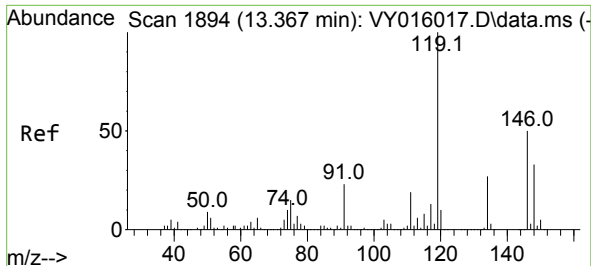
Tgt Ion:105 Resp: 662257
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 52.661 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY016020.D
 Acq: 18 Oct 2023 14:34

Tgt Ion:119 Resp: 561320
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.8
 91 23.1 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 52.144 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY016020.D

Acq: 18 Oct 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

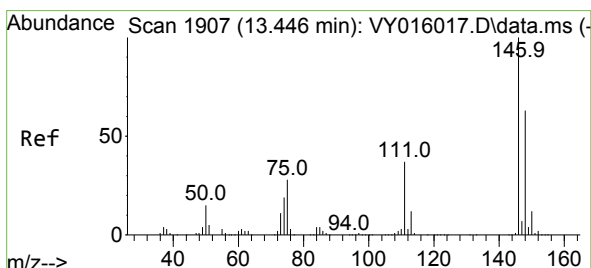
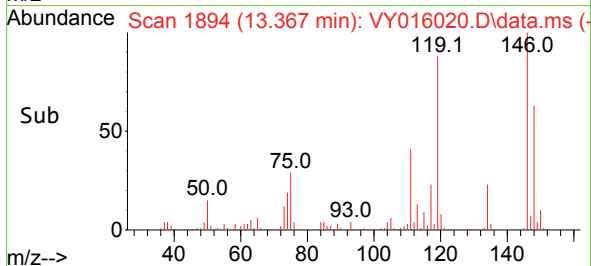
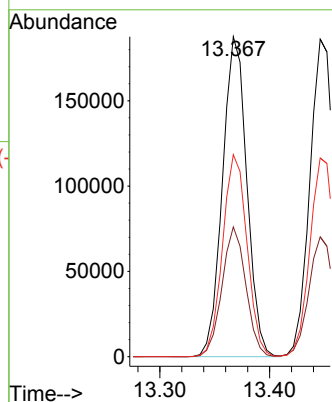
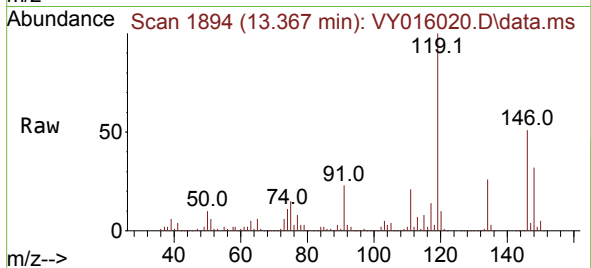
Tgt Ion:146 Resp: 289557

Ion Ratio Lower Upper

146 100

111 39.6 19.4 58.2

148 63.4 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 51.792 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY016020.D

Acq: 18 Oct 2023 14:34

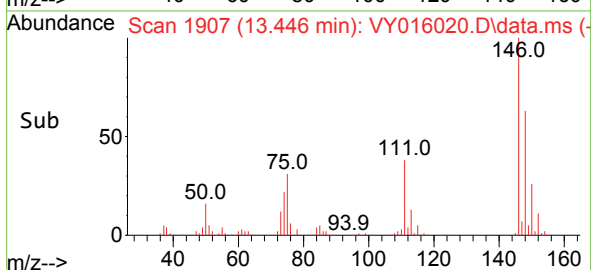
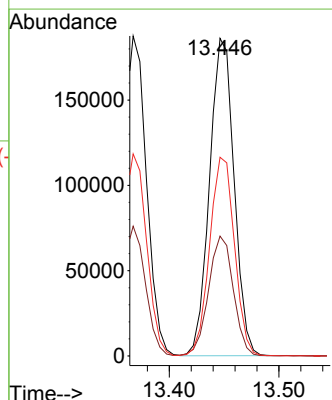
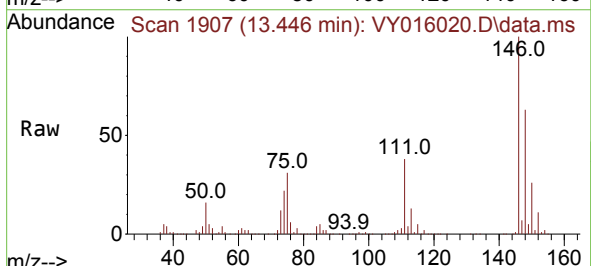
Tgt Ion:146 Resp: 289570

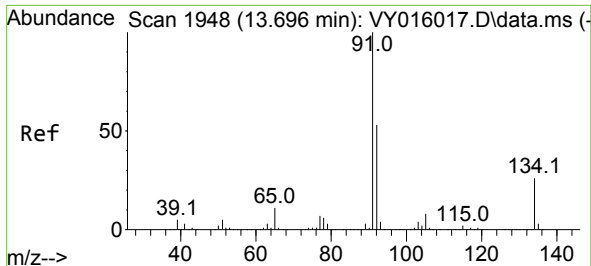
Ion Ratio Lower Upper

146 100

111 38.1 18.9 56.7

148 63.6 32.1 96.5

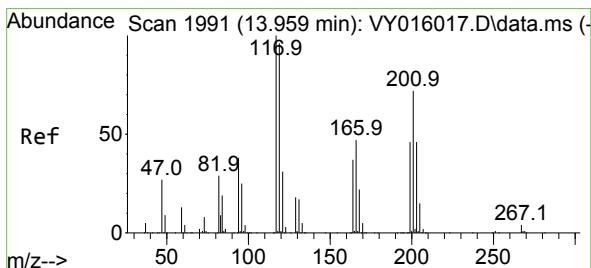
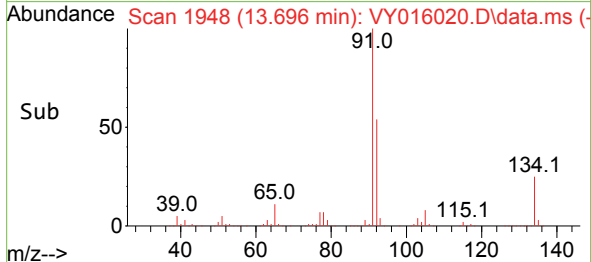
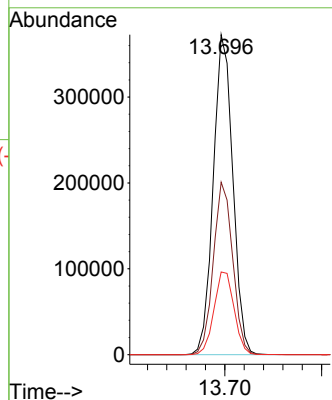
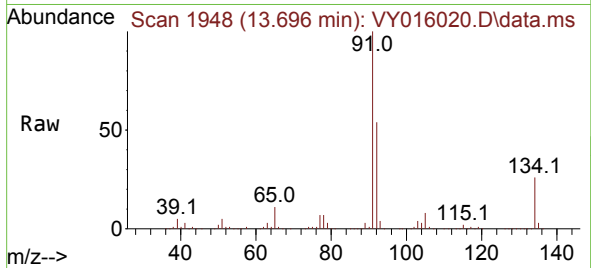




#89
n-Butylbenzene
Concen: 52.624 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

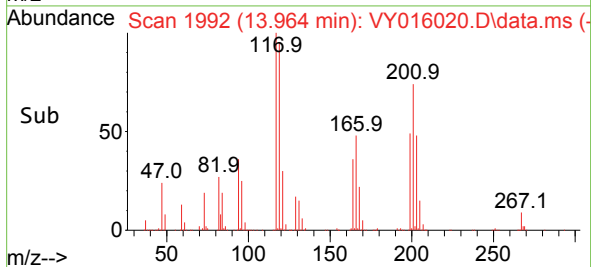
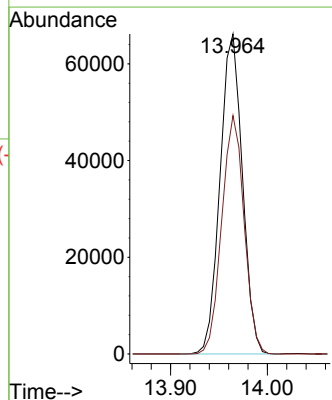
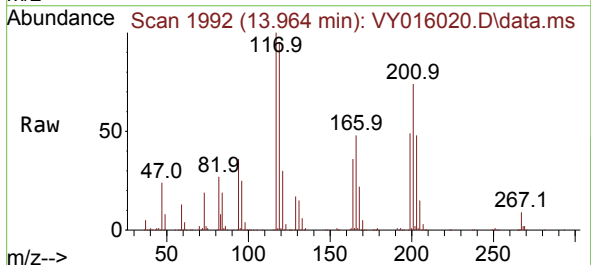
Instrument :
MSVOA_Y
ClientSampleId :

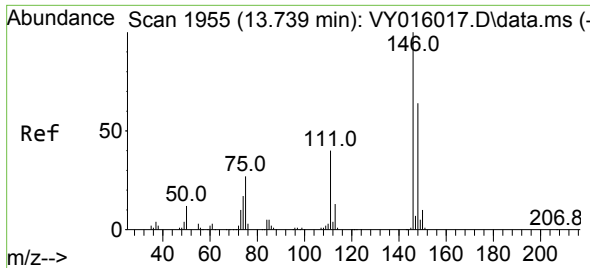
Tgt Ion: 91	Resp: 522196
Ion Ratio	Lower Upper
91	100
92	53.5 25.4 76.0
134	26.7 12.6 37.6



#90
Hexachloroethane
Concen: 52.219 ug/l
RT: 13.964 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

Tgt Ion: 117	Resp: 106107
Ion Ratio	Lower Upper
117	100
201	74.5 41.6 124.8

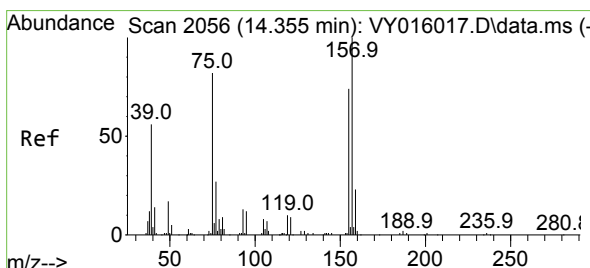
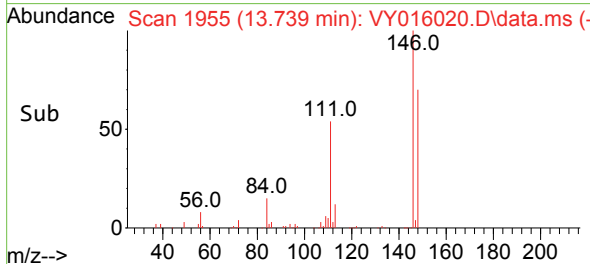
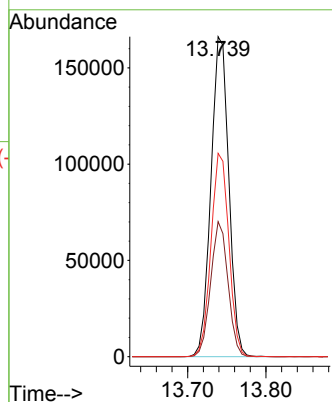
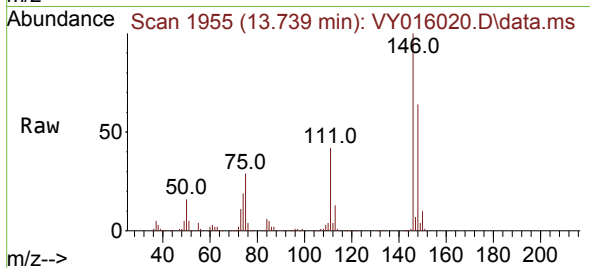




#91
1,2-Dichlorobenzene
Concen: 51.525 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

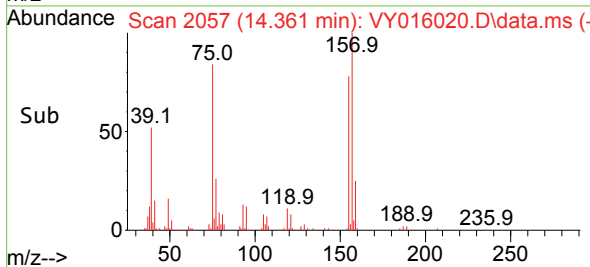
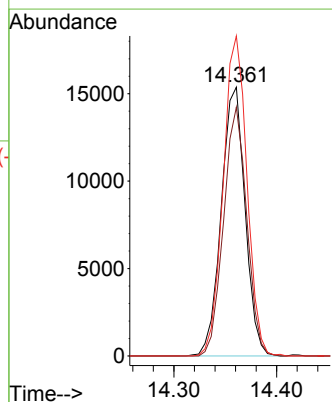
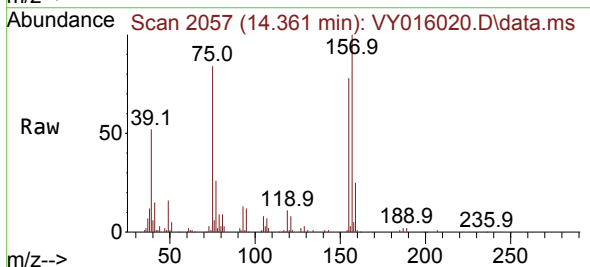
Instrument :
MSVOA_Y
ClientSampleId :

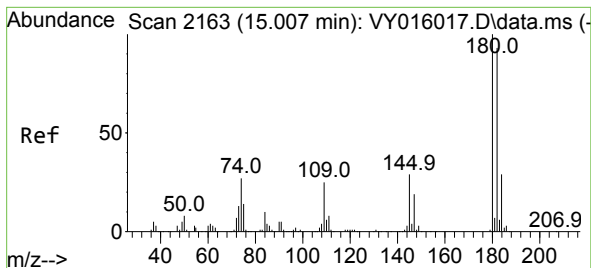
Tgt Ion:146 Resp: 262696
Ion Ratio Lower Upper
146 100
111 41.0 19.7 59.0
148 63.8 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.082 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

Tgt Ion: 75 Resp: 24713
Ion Ratio Lower Upper
75 100
155 90.0 41.5 124.6
157 118.5 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 52.208 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY016020.D

Acq: 18 Oct 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

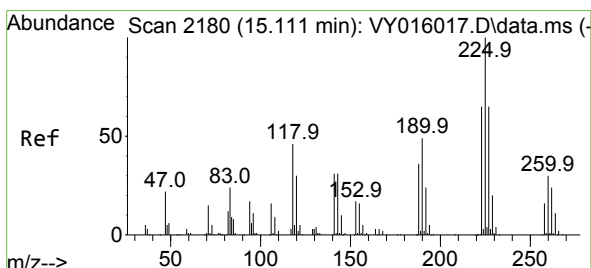
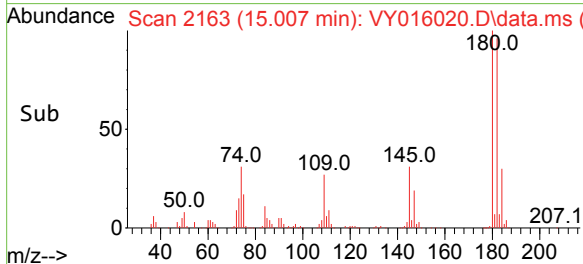
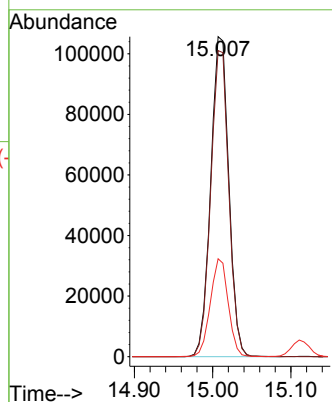
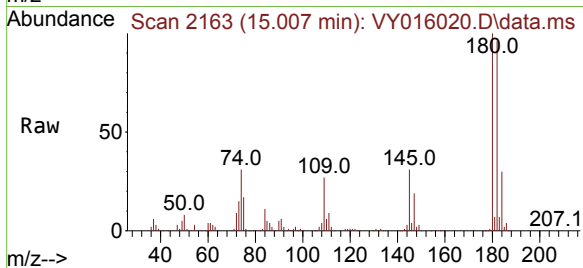
Tgt Ion:180 Resp: 169569

Ion Ratio Lower Upper

180 100

182 95.3 47.0 141.2

145 30.3 14.5 43.5



#94

Hexachlorobutadiene

Concen: 50.564 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY016020.D

Acq: 18 Oct 2023 14:34

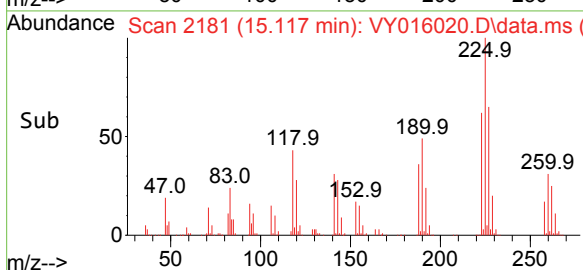
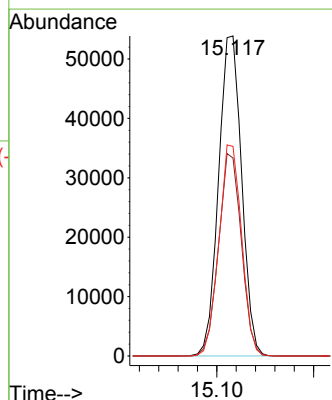
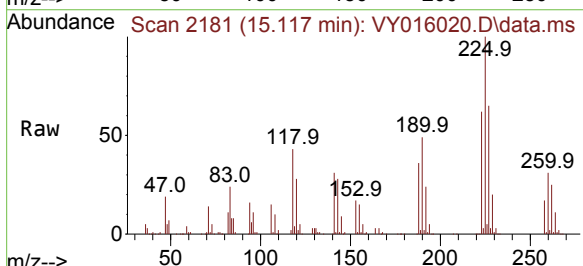
Tgt Ion:225 Resp: 89203

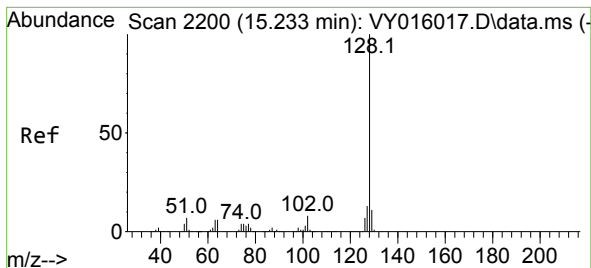
Ion Ratio Lower Upper

225 100

223 62.5 31.9 95.9

227 64.9 33.0 98.9





#95

Naphthalene

Concen: 49.279 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY016020.D

Acq: 18 Oct 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

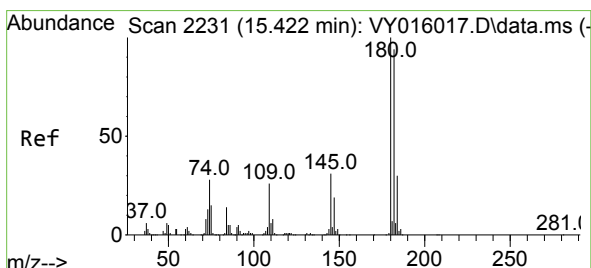
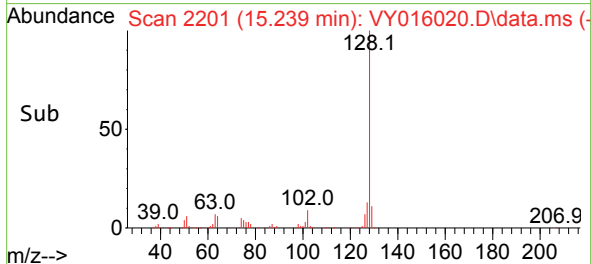
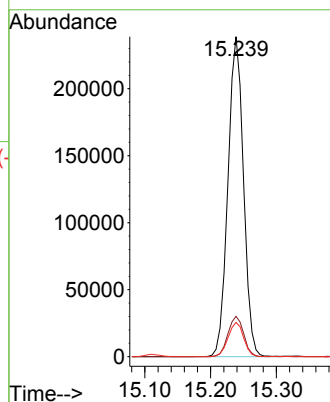
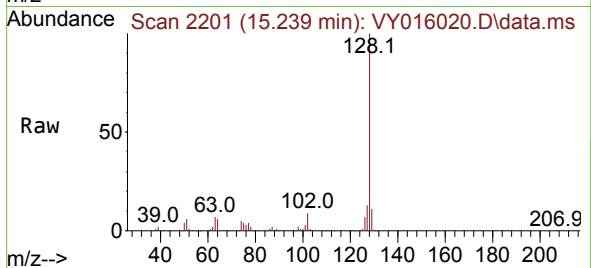
Tgt Ion:128 Resp: 392846

Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 51.081 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY016020.D

Acq: 18 Oct 2023 14:34

Tgt Ion:180 Resp: 151543

Ion Ratio Lower Upper

180 100

182 96.0 47.3 141.8

145 32.1 15.4 46.2

