

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011924\
 Data File : VY017061.D
 Acq On : 19 Jan 2024 17:18
 Operator : SY/MD
 Sample : P1184-10MS
 Misc : 3.99g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5-19.5-20.0MS

Quant Time: Jan 19 22:25:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.820	168	118932	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	210943	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	178880	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	77636	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	52743	44.869	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.740%
35) Dibromofluoromethane	7.746	113	64303	47.837	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.680%
50) Toluene-d8	10.197	98	212152	45.833	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.660%
62) 4-Bromofluorobenzene	12.496	95	72520	46.437	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.880%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.918	85	50861	57.730	ug/l	94
3) Chloromethane	2.132	50	93626	67.014	ug/l	99
4) Vinyl Chloride	2.272	62	103824	63.001	ug/l	98
5) Bromomethane	2.680	94	78826	66.767	ug/l	96
6) Chloroethane	2.820	64	67922	60.929	ug/l	99
7) Trichlorofluoromethane	3.156	101	106240	52.322	ug/l	97
8) Diethyl Ether	3.558	74	32855	50.631	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.936	101	65857	49.882	ug/l	99
10) Methyl Iodide	4.131	142	66177	58.918	ug/l	97
11) Tert butyl alcohol	5.003	59	13586	144.921	ug/l #	87
12) 1,1-Dichloroethene	3.906	96	63677	56.213	ug/l	98
13) Acrolein	3.759	56	18935	144.391	ug/l	99
14) Allyl chloride	4.521	41	101461	56.657	ug/l	100
15) Acrylonitrile	5.204	53	62235	205.039	ug/l	98
16) Acetone	3.979	43	58929	198.427	ug/l	100
17) Carbon Disulfide	4.235	76	195572	72.255	ug/l	99
18) Methyl Acetate	4.521	43	63688	50.571	ug/l	98
19) Methyl tert-butyl Ether	5.265	73	141870	48.139	ug/l	99
20) Methylene Chloride	4.753	84	84472	57.107	ug/l	97
21) trans-1,2-Dichloroethene	5.265	96	76115	58.668	ug/l	98
22) Diisopropyl ether	6.155	45	225572	54.484	ug/l	95
23) Vinyl Acetate	6.100	43	416324	219.308	ug/l	99
24) 1,1-Dichloroethane	6.058	63	135589	54.498	ug/l	97
25) 2-Butanone	7.021	43	81092	200.223	ug/l	100
26) 2,2-Dichloropropane	7.015	77	111358	51.622	ug/l	100
27) cis-1,2-Dichloroethene	7.021	96	84948	55.856	ug/l	99
28) Bromochloromethane	7.368	49	51146	54.759	ug/l	99
29) Tetrahydrofuran	7.381	42	49398	207.631	ug/l	98
30) Chloroform	7.539	83	136855	53.378	ug/l	99
31) Cyclohexane	7.813	56	114661	56.833	ug/l	99
32) 1,1,1-Trichloroethane	7.728	97	115932	53.329	ug/l	99
36) 1,1-Dichloropropene	7.948	75	106231	54.227	ug/l	100
37) Ethyl Acetate	7.106	43	35192	39.531	ug/l	98
38) Carbon Tetrachloride	7.929	117	100322	50.405	ug/l	99
39) Methylcyclohexane	9.210	83	125182	56.842	ug/l	98
40) Benzene	8.185	78	317294	53.993	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	20510	43.744	ug/l	99
42) 1,2-Dichloroethane	8.265	62	73835	47.328	ug/l	99
43) Isopropyl Acetate	8.295	43	69163	40.570	ug/l	99
44) Trichloroethene	8.966	130	80090	53.560	ug/l	97
45) 1,2-Dichloropropane	9.240	63	75598	49.935	ug/l	96
46) Dibromomethane	9.331	93	35465	45.932	ug/l	99
47) Bromodichloromethane	9.520	83	100353	48.401	ug/l	97
48) Methyl methacrylate	9.313	41	40808	44.355	ug/l	99
49) 1,4-Dioxane	9.319	88	5808	726.485	ug/l	91
51) 4-Methyl-2-Pentanone	10.087	43	183106	201.960	ug/l	100
52) Toluene	10.264	92	195256	55.056	ug/l	99
53) t-1,3-Dichloropropene	10.484	75	86854	46.767	ug/l	97
54) cis-1,3-Dichloropropene	9.947	75	111114	49.819	ug/l	98
55) 1,1,2-Trichloroethane	10.660	97	49540	43.918	ug/l	98
56) Ethyl methacrylate	10.526	69	42562	44.548	ug/l	97
57) 1,3-Dichloropropane	10.807	76	85913	45.618	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.801	63	117633	199.451	ug/l	100
59) 2-Hexanone	10.849	43	127831	191.481	ug/l	100
60) Dibromochloromethane	11.002	129	58816	45.214	ug/l	99
61) 1,2-Dibromoethane	11.106	107	44096	44.994	ug/l	98
64) Tetrachloroethene	10.740	164	62757	54.114	ug/l	97
65) Chlorobenzene	11.532	112	193824	52.014	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	70837	50.007	ug/l	99
67) Ethyl Benzene	11.612	91	365415	54.468	ug/l	99
68) m/p-Xylenes	11.721	106	274762	111.577	ug/l	99
69) o-Xylene	12.044	106	126741	54.900	ug/l	99
70) Styrene	12.063	104	183409	54.587	ug/l	99
71) Bromoform	12.227	173	29733	42.637	ug/l #	98
73) Isopropylbenzene	12.349	105	340107	53.646	ug/l	99
74) N-amyl acetate	12.160	43	55334	43.442	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.599	83	52800	40.875	ug/l	98
76) 1,2,3-Trichloropropane	12.648	75	63209	75.026	ug/l #	100
77) Bromobenzene	12.624	156	69120	49.519	ug/l	97
78) n-propylbenzene	12.685	91	414191	53.740	ug/l	100
79) 2-Chlorotoluene	12.776	91	224994	52.644	ug/l	99
80) 1,3,5-Trimethylbenzene	12.831	105	273949	54.637	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.398	75	14890	40.133	ug/l	100
82) 4-Chlorotoluene	12.874	91	226631	51.904	ug/l	99
83) tert-Butylbenzene	13.093	119	238806	54.074	ug/l	99
84) 1,2,4-Trimethylbenzene	13.136	105	267877	54.250	ug/l	98
85) sec-Butylbenzene	13.270	105	347126	53.047	ug/l	99
86) p-Isopropyltoluene	13.386	119	292208	54.107	ug/l	99
87) 1,3-Dichlorobenzene	13.386	146	138328	50.530	ug/l	99
88) 1,4-Dichlorobenzene	13.465	146	133653	49.917	ug/l	99
89) n-Butylbenzene	13.715	91	277824	53.505	ug/l	100
90) Hexachloroethane	13.977	117	58777	50.649	ug/l	99
91) 1,2-Dichlorobenzene	13.758	146	115726	48.917	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	6213	38.355	ug/l	97
93) 1,2,4-Trichlorobenzene	15.026	180	59204	50.396	ug/l	100
94) Hexachlorobutadiene	15.129	225	36911	50.155	ug/l	99
95) Naphthalene	15.257	128	97970	46.185	ug/l	100
96) 1,2,3-Trichlorobenzene	15.440	180	48589	48.711	ug/l	98

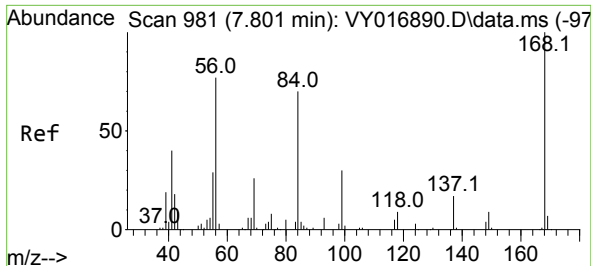
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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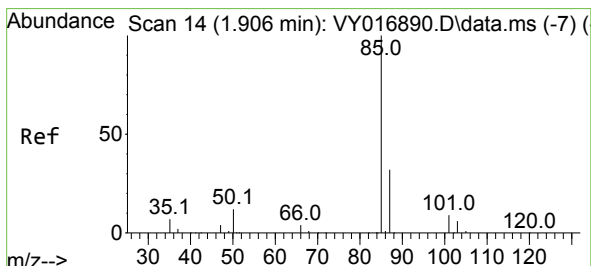
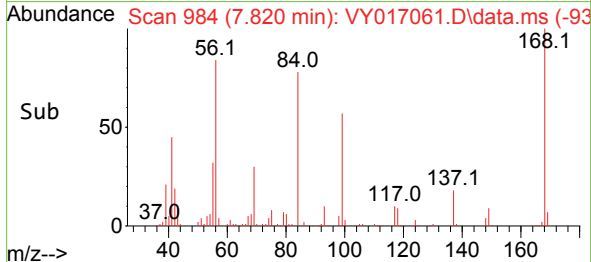
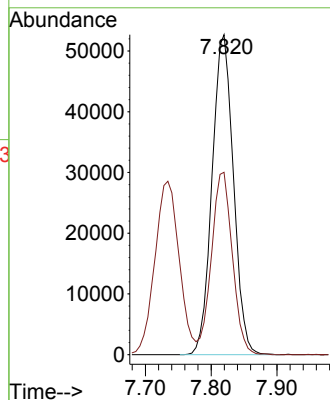
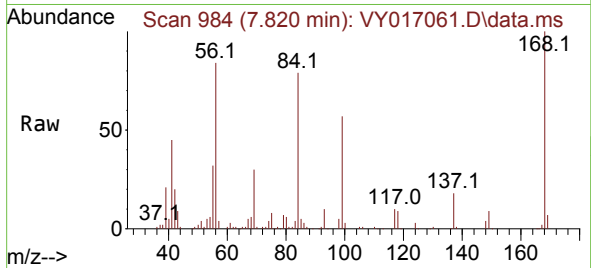
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.820 min Scan# 9
Delta R.T. 0.019 min
Lab File: VY017061.D
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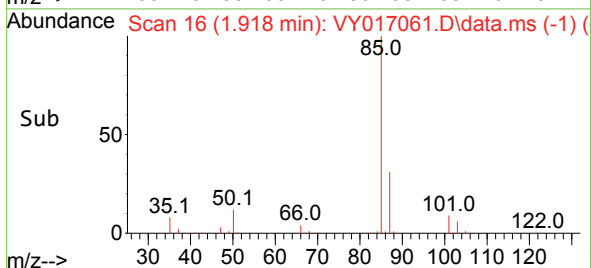
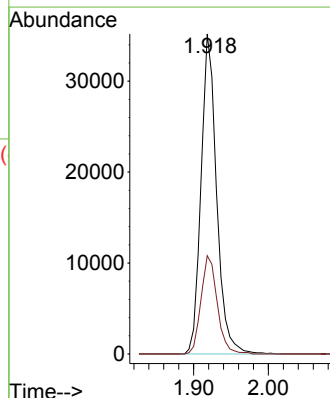
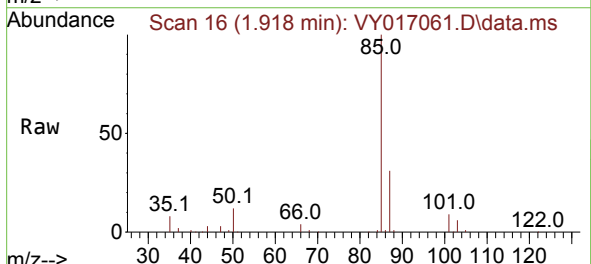
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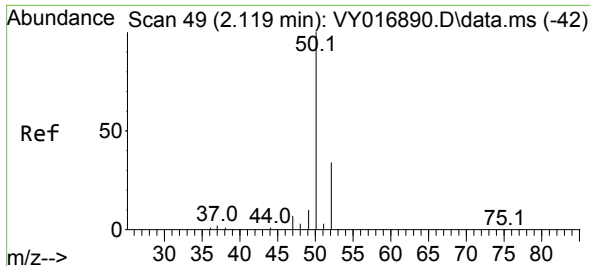
Tgt Ion:168 Resp: 118932
Ion Ratio Lower Upper
168 100
99 57.0 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 57.730 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.006 min
Lab File: VY017061.D
Acq: 19 Jan 2024 17:18

Tgt Ion: 85 Resp: 50861
Ion Ratio Lower Upper
85 100
87 30.7 17.1 51.3

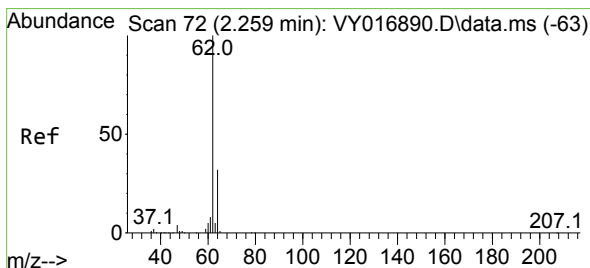
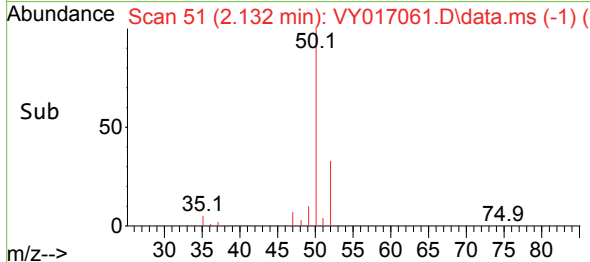
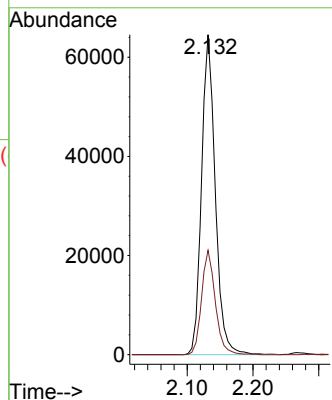
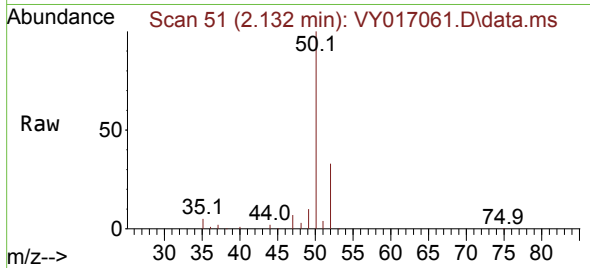




#3
Chloromethane
Concen: 67.014 ug/l
RT: 2.132 min Scan# 51
Delta R.T. 0.013 min
Lab File: VY017061.D
Acq: 19 Jan 2024 17:18

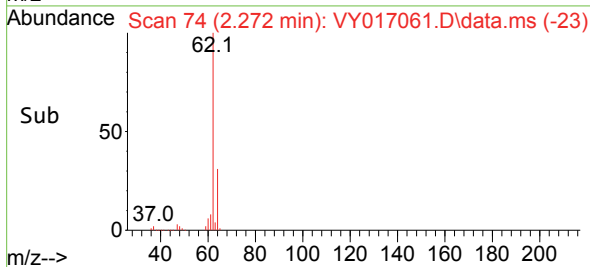
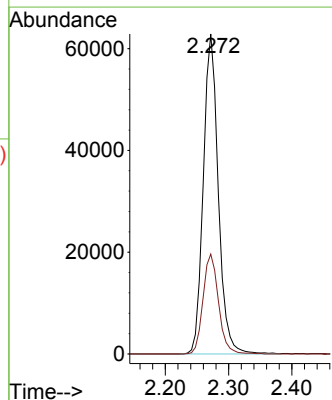
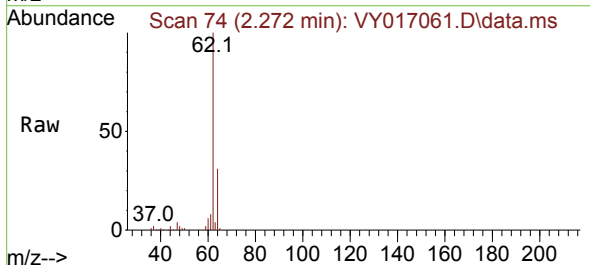
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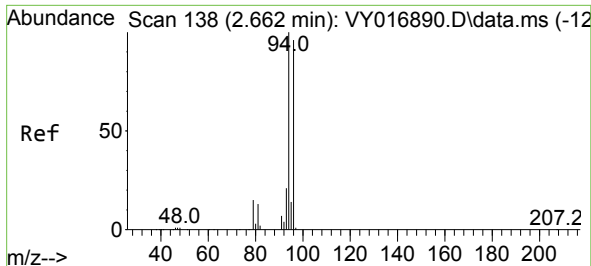
Tgt Ion: 50 Resp: 93626
Ion Ratio Lower Upper
50 100
52 32.6 26.7 40.1



#4
Vinyl Chloride
Concen: 63.001 ug/l
RT: 2.272 min Scan# 74
Delta R.T. 0.013 min
Lab File: VY017061.D
Acq: 19 Jan 2024 17:18

Tgt Ion: 62 Resp: 103824
Ion Ratio Lower Upper
62 100
64 31.2 25.7 38.5

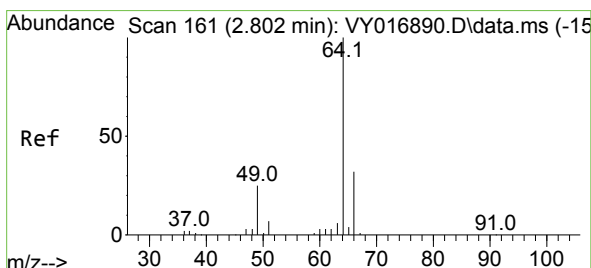
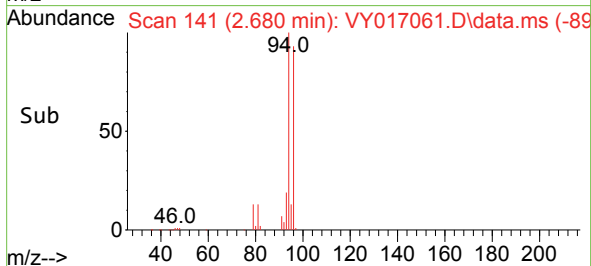
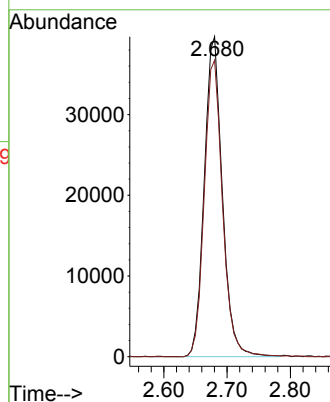
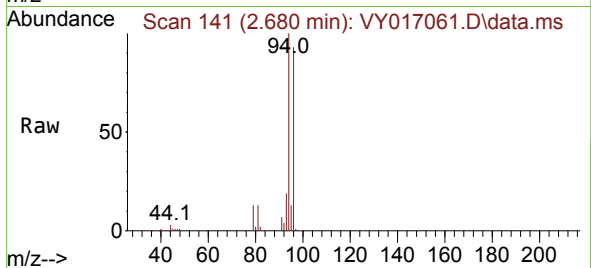




#5
Bromomethane
Concen: 66.767 ug/l
RT: 2.680 min Scan# 141
Delta R.T. 0.018 min
Lab File: VY017061.D
Acq: 19 Jan 2024 17:18

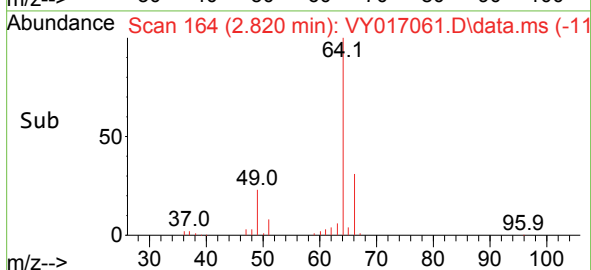
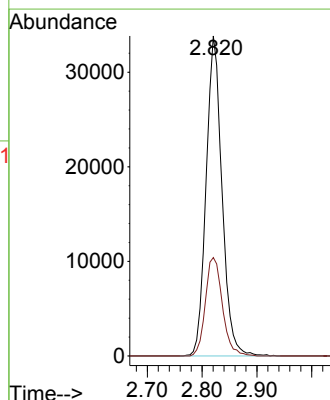
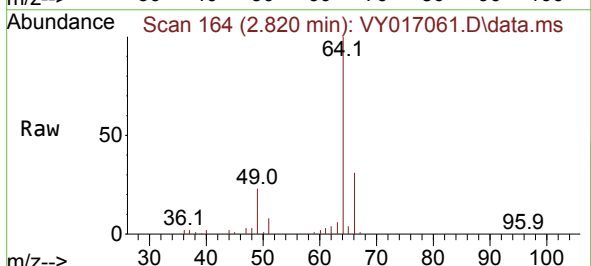
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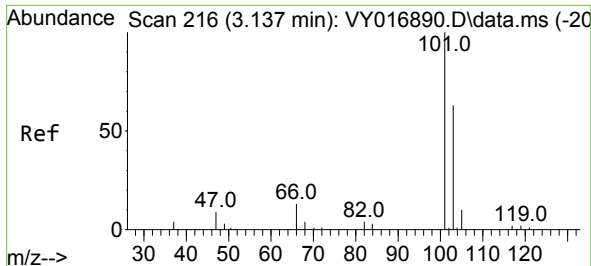
Tgt Ion: 94 Resp: 78826
Ion Ratio Lower Upper
94 100
96 92.7 77.3 115.9



#6
Chloroethane
Concen: 60.929 ug/l
RT: 2.820 min Scan# 164
Delta R.T. 0.012 min
Lab File: VY017061.D
Acq: 19 Jan 2024 17:18

Tgt Ion: 64 Resp: 67922
Ion Ratio Lower Upper
64 100
66 30.8 25.1 37.7

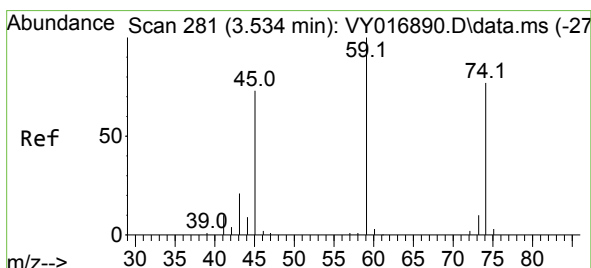
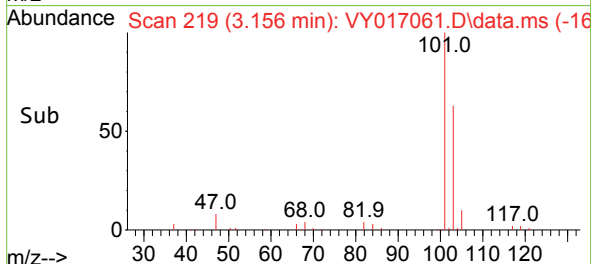
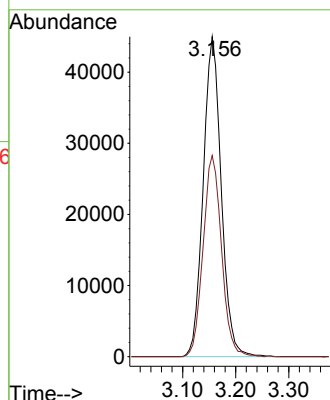
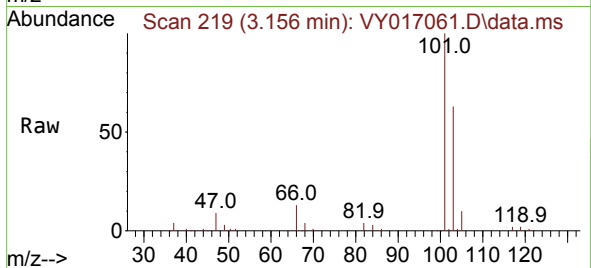




#7
Trichlorofluoromethane
Concen: 52.322 ug/l
RT: 3.156 min Scan# 216
Delta R.T. 0.019 min
Lab File: VY017061.D
Acq: 19 Jan 2024 17:18

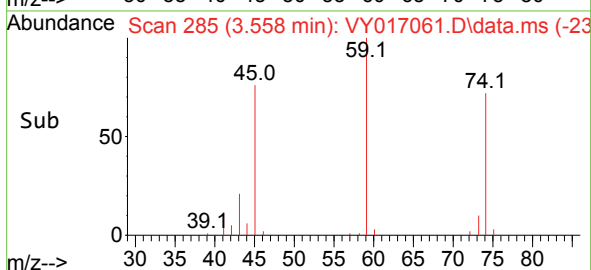
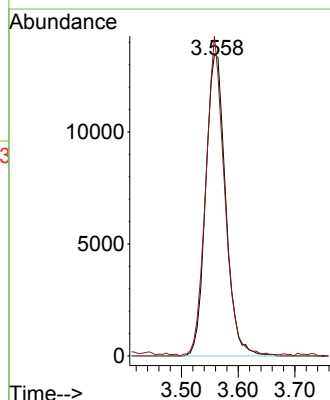
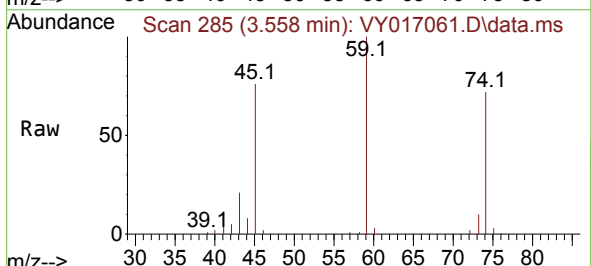
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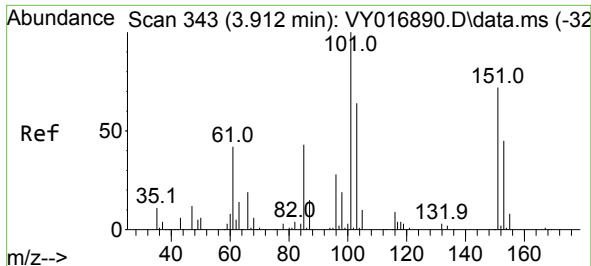
Tgt Ion:101 Resp: 106240
Ion Ratio Lower Upper
101 100
103 62.8 51.9 77.9



#8
Diethyl Ether
Concen: 50.631 ug/l
RT: 3.558 min Scan# 285
Delta R.T. 0.018 min
Lab File: VY017061.D
Acq: 19 Jan 2024 17:18

Tgt Ion: 74 Resp: 32855
Ion Ratio Lower Upper
74 100
45 100.4 47.9 143.7

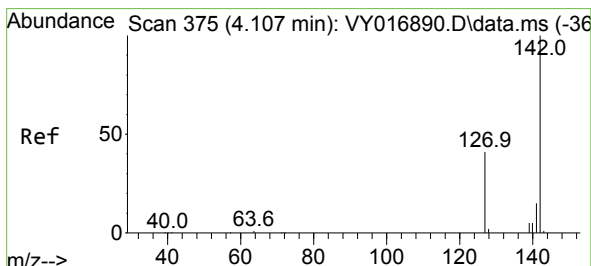
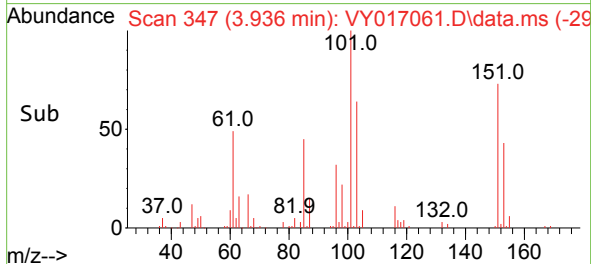
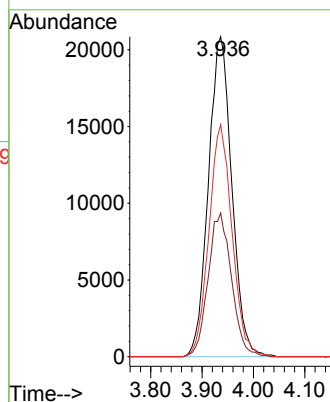
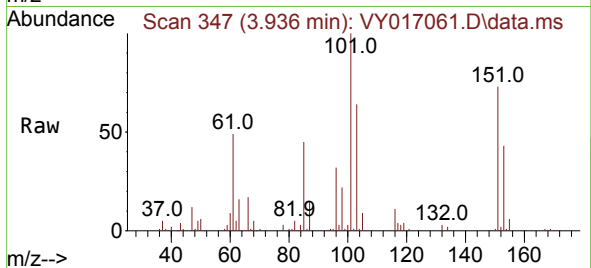




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.882 ug/l
RT: 3.936 min Scan# 341
Delta R.T. 0.025 min
Lab File: VY017061.D
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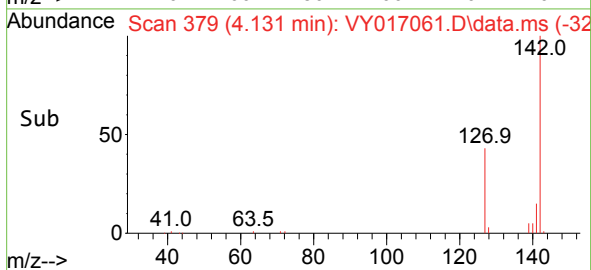
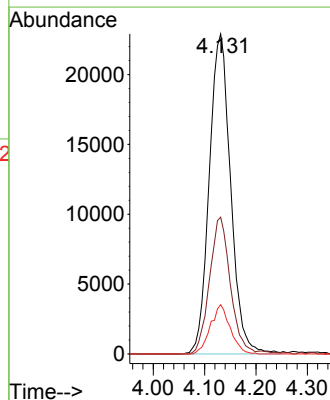
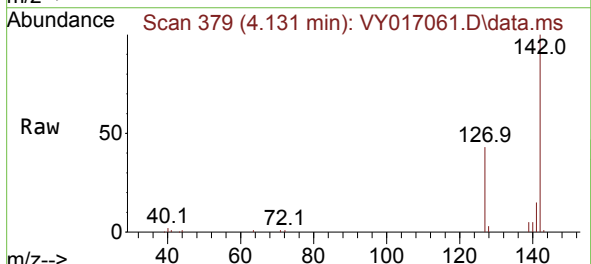
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-19.5-20.0MS

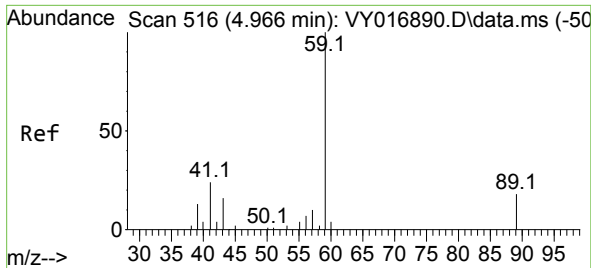
Tgt Ion:101 Resp: 65857
Ion Ratio Lower Upper
101 100
85 44.9 35.8 53.6
151 71.8 58.6 88.0



#10
Methyl Iodide
Concen: 58.918 ug/l
RT: 4.131 min Scan# 379
Delta R.T. 0.025 min
Lab File: VY017061.D
Acq: 19 Jan 2024 17:18

Tgt Ion:142 Resp: 66177
Ion Ratio Lower Upper
142 100
127 41.5 35.1 52.7
141 14.2 11.8 17.6





#11

Tert butyl alcohol

Concen: 144.921 ug/l

RT: 5.003 min Scan# 516

Delta R.T. 0.037 min

Lab File: VY017061.D

Acq: 19 Jan 2024 17:18

Instrument :

MSVOA_Y

ClientSampleId :

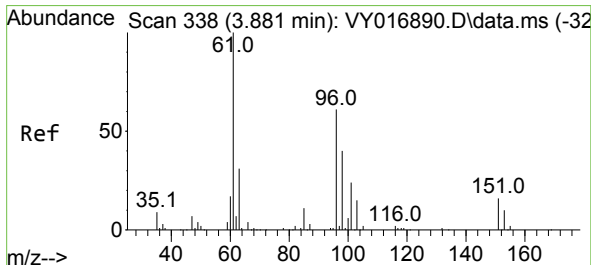
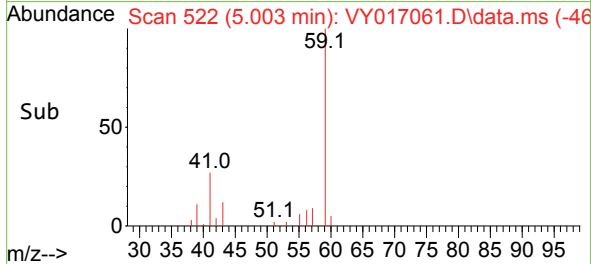
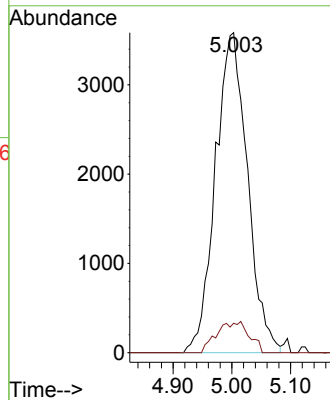
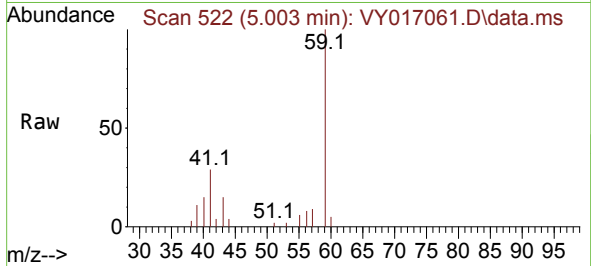
SB-5-19.5-20.0MS

Tgt Ion: 59 Resp: 13586

Ion Ratio Lower Upper

59 100

57 4.7 7.4 11.0#



#12

1,1-Dichloroethene

Concen: 56.213 ug/l

RT: 3.906 min Scan# 342

Delta R.T. 0.019 min

Lab File: VY017061.D

Acq: 19 Jan 2024 17:18

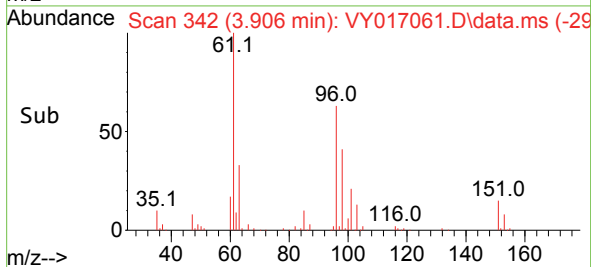
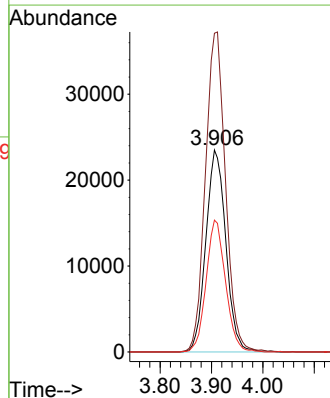
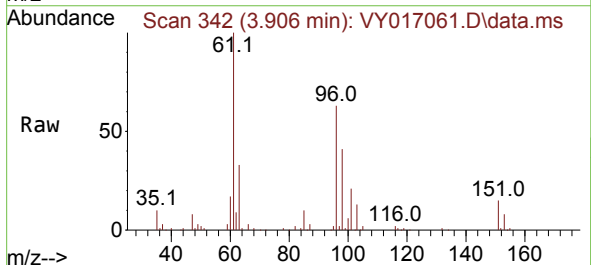
Tgt Ion: 96 Resp: 63677

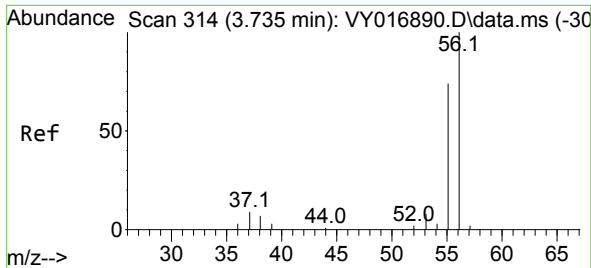
Ion Ratio Lower Upper

96 100

61 157.8 124.2 186.2

98 65.3 52.6 79.0





#13

Acrolein

Concen: 144.391 ug/l

RT: 3.759 min Scan# 314

Delta R.T. 0.018 min

Lab File: VY017061.D

Acq: 19 Jan 2024 17:18

Instrument :

MSVOA_Y

ClientSampleId :

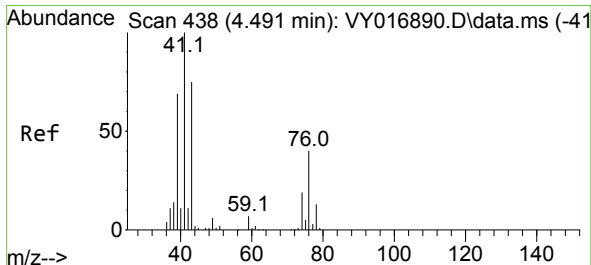
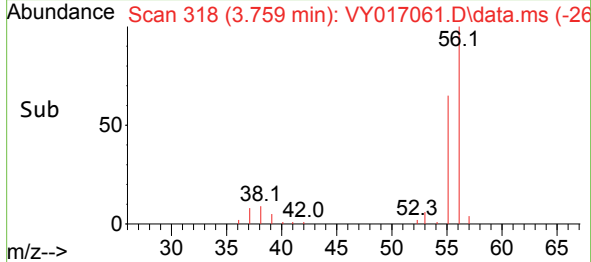
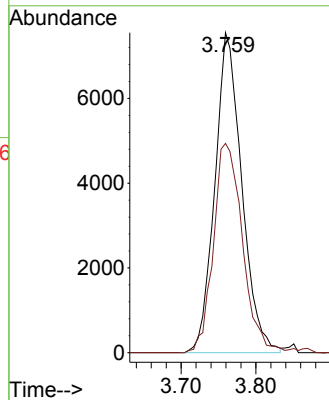
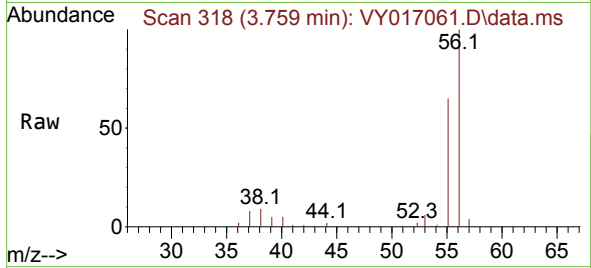
SB-5-19.5-20.0MS

Tgt Ion: 56 Resp: 18935

Ion Ratio Lower Upper

56 100

55 70.3 55.4 83.0



#14

Allyl chloride

Concen: 56.657 ug/l

RT: 4.521 min Scan# 443

Delta R.T. 0.024 min

Lab File: VY017061.D

Acq: 19 Jan 2024 17:18

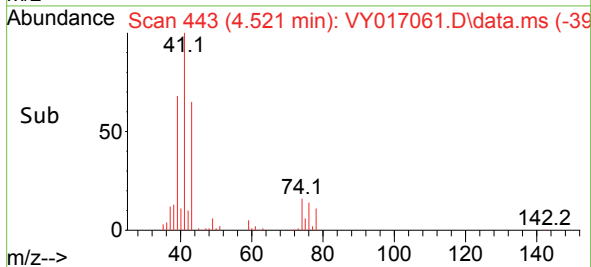
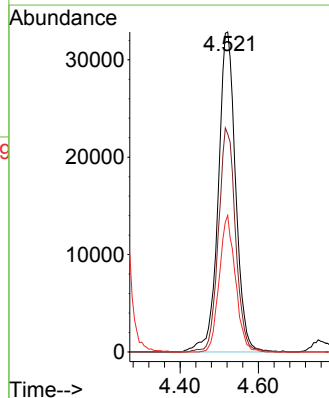
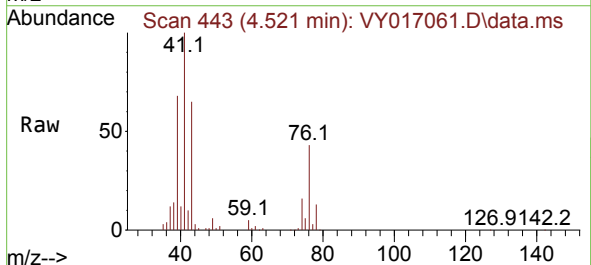
Tgt Ion: 41 Resp: 101461

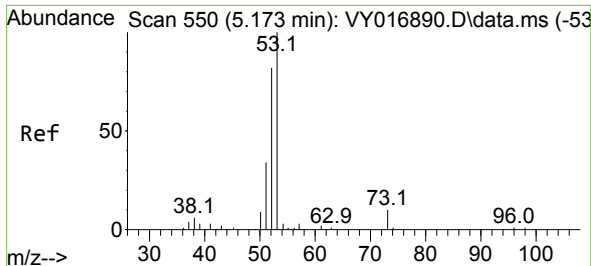
Ion Ratio Lower Upper

41 100

39 68.7 54.7 82.1

76 39.5 31.8 47.6

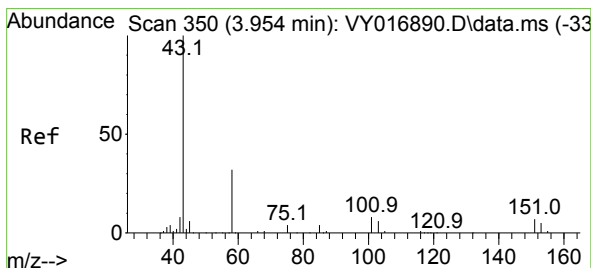
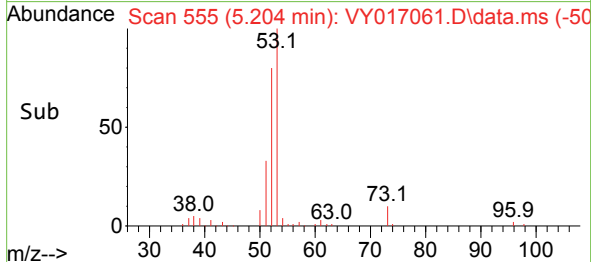
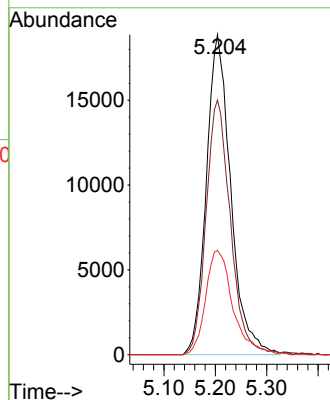
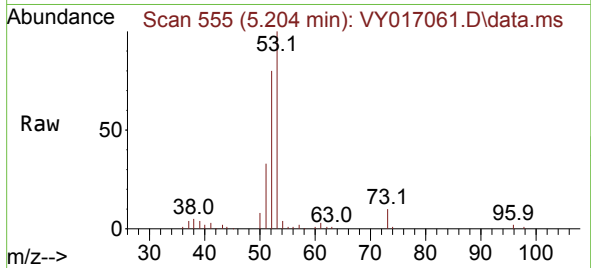




#15
Acrylonitrile
Concen: 205.039 ug/l
RT: 5.204 min Scan# 51
Delta R.T. 0.025 min
Lab File: VY017061.D
Acq: 19 Jan 2024 17:18

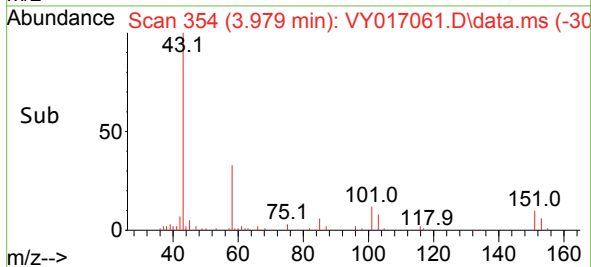
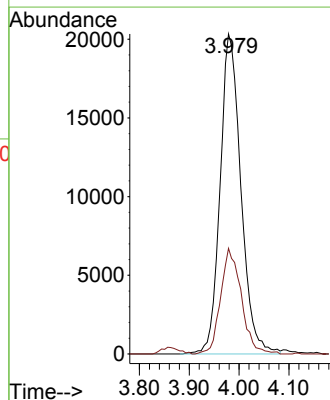
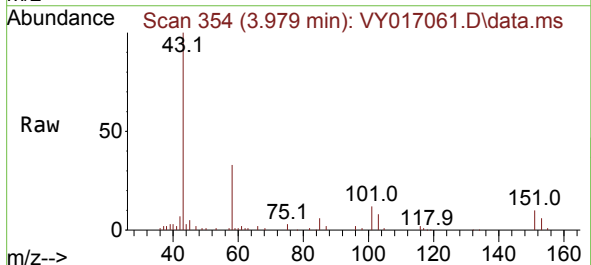
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-19.5-20.0MS

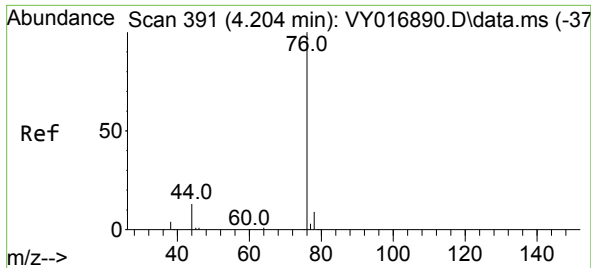
Tgt Ion:	53	Resp:	62235
Ion	Ratio	Lower	Upper
53	100		
52	79.3	65.1	97.7
51	36.4	29.0	43.4



#16
Acetone
Concen: 198.427 ug/l
RT: 3.979 min Scan# 354
Delta R.T. 0.019 min
Lab File: VY017061.D
Acq: 19 Jan 2024 17:18

Tgt Ion:	43	Resp:	58929
Ion	Ratio	Lower	Upper
43	100		
58	33.0	26.6	39.8

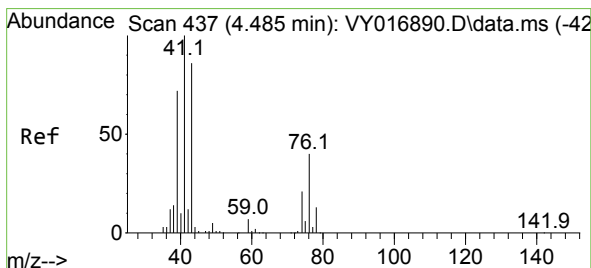
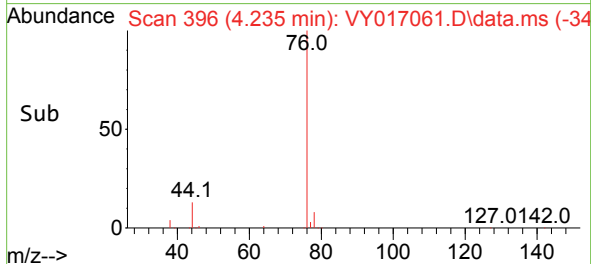
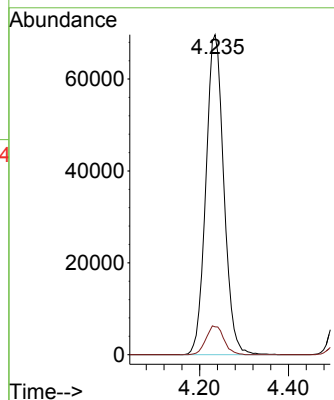
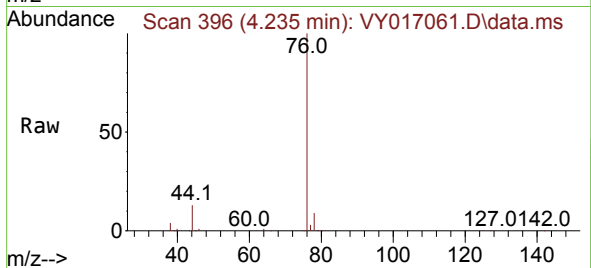




#17
Carbon Disulfide
Concen: 72.255 ug/l
RT: 4.235 min Scan# 391
Delta R.T. 0.025 min
Lab File: VY017061.D
Acq: 19 Jan 2024 17:18

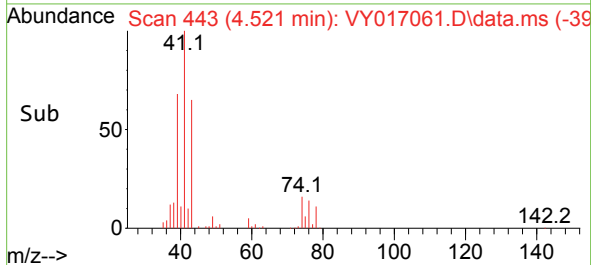
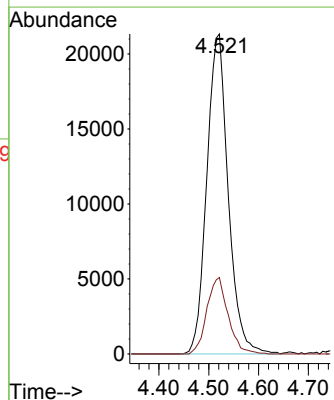
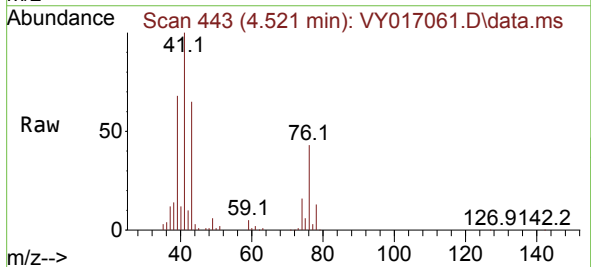
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-19.5-20.0MS

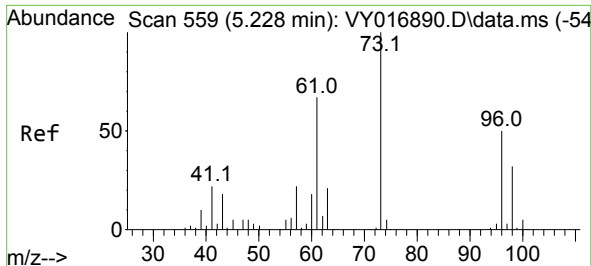
Tgt Ion: 76 Resp: 195572
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



#18
Methyl Acetate
Concen: 50.571 ug/l
RT: 4.521 min Scan# 443
Delta R.T. 0.024 min
Lab File: VY017061.D
Acq: 19 Jan 2024 17:18

Tgt Ion: 43 Resp: 63688
Ion Ratio Lower Upper
43 100
74 23.8 19.8 29.6

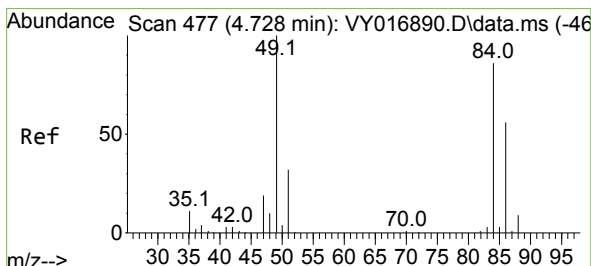
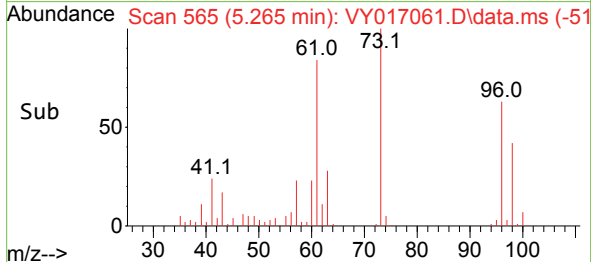
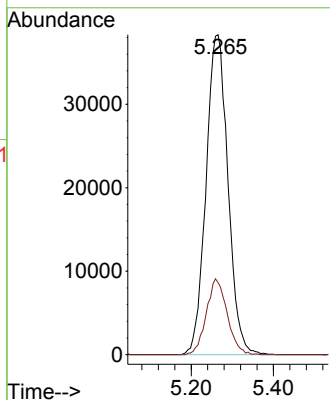
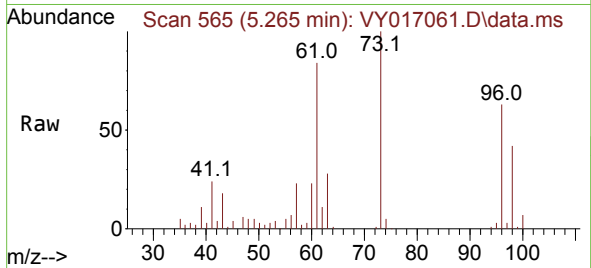




#19
Methyl tert-butyl Ether
Concen: 48.139 ug/l
RT: 5.265 min Scan# 51
Delta R.T. 0.031 min
Lab File: VY017061.D
Acq: 19 Jan 2024 17:18

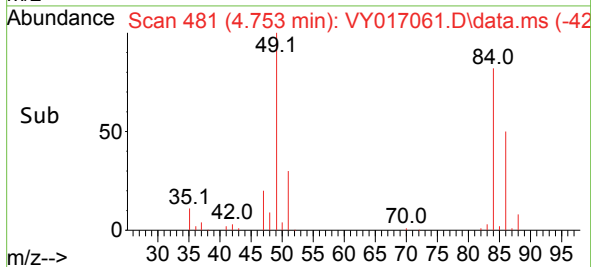
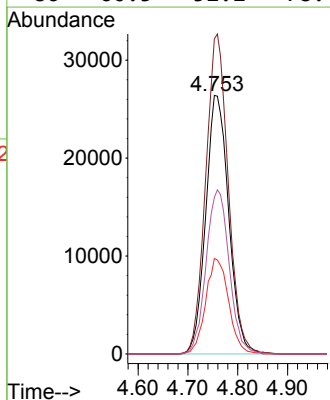
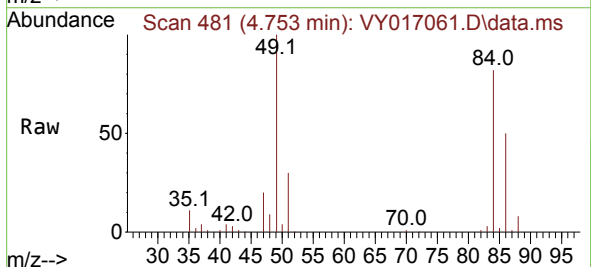
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-19.5-20.0MS

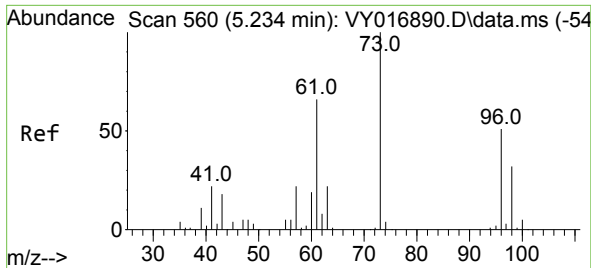
Tgt Ion: 73 Resp: 141870
Ion Ratio Lower Upper
73 100
57 22.6 17.7 26.5



#20
Methylene Chloride
Concen: 57.107 ug/l
RT: 4.753 min Scan# 481
Delta R.T. 0.019 min
Lab File: VY017061.D
Acq: 19 Jan 2024 17:18

Tgt Ion: 84 Resp: 84472
Ion Ratio Lower Upper
84 100
49 121.8 95.2 142.8
51 37.0 29.9 44.9
86 60.5 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 58.668 ug/l

RT: 5.265 min Scan# 5

Delta R.T. 0.025 min

Lab File: VY017061.D

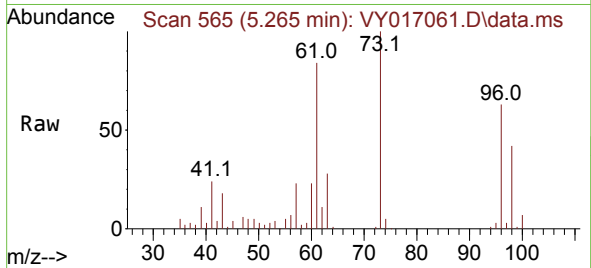
Acq: 19 Jan 2024 17:18

Instrument :

MSVOA_Y

ClientSampleId :

SB-5-19.5-20.0MS



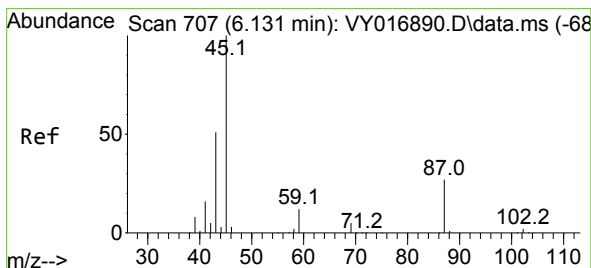
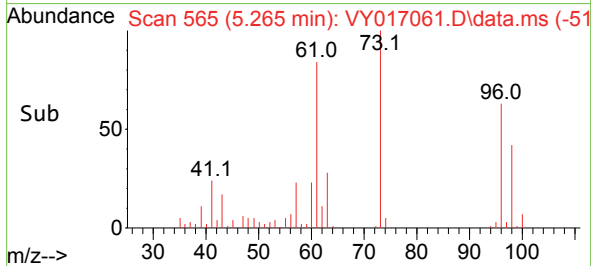
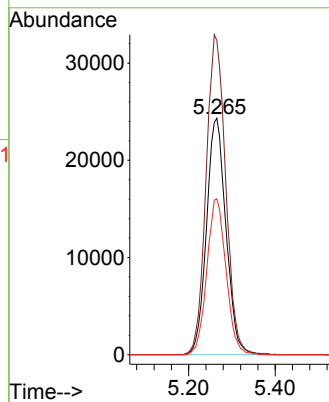
Tgt Ion: 96 Resp: 76115

Ion Ratio Lower Upper

96 100

61 133.0 104.6 156.8

98 66.0 50.9 76.3



#22

Diisopropyl ether

Concen: 54.484 ug/l

RT: 6.155 min Scan# 711

Delta R.T. 0.024 min

Lab File: VY017061.D

Acq: 19 Jan 2024 17:18

Tgt Ion: 45 Resp: 225572

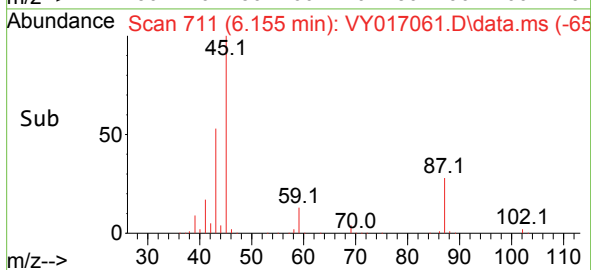
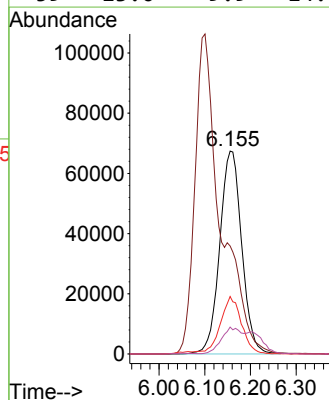
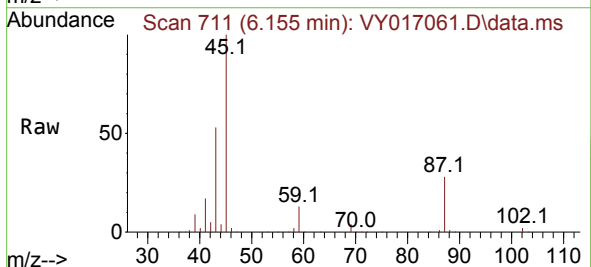
Ion Ratio Lower Upper

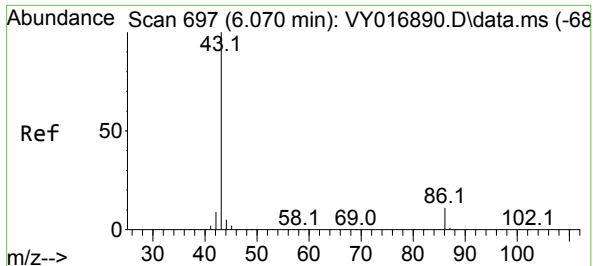
45 100

43 52.6 46.8 70.2

87 28.2 22.2 33.2

59 13.0 9.9 14.9

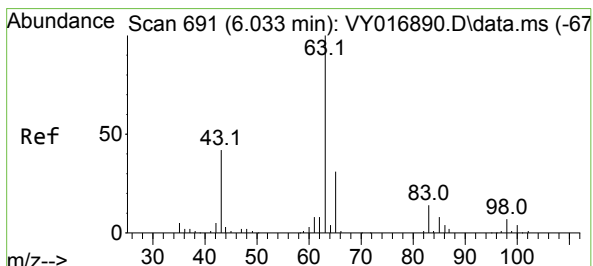
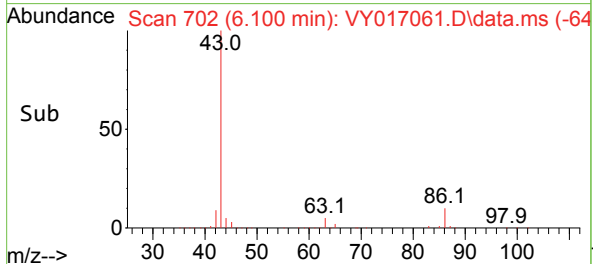
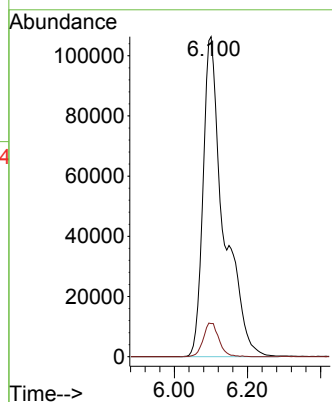
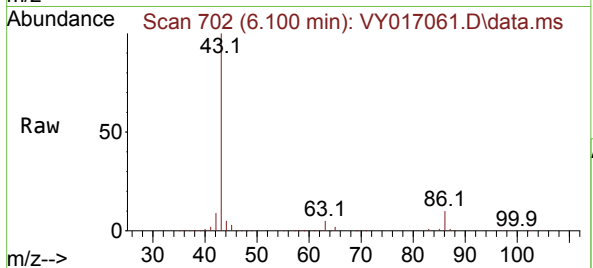




#23
Vinyl Acetate
Concen: 219.308 ug/l
RT: 6.100 min Scan# 702
Delta R.T. 0.024 min
Lab File: VY017061.D
Acq: 19 Jan 2024 17:18

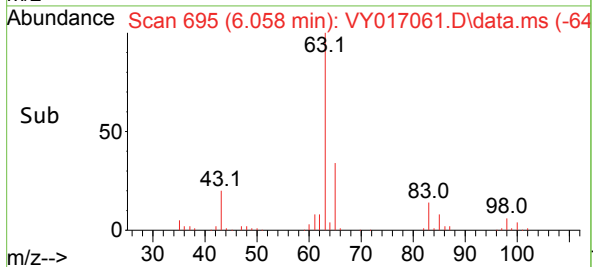
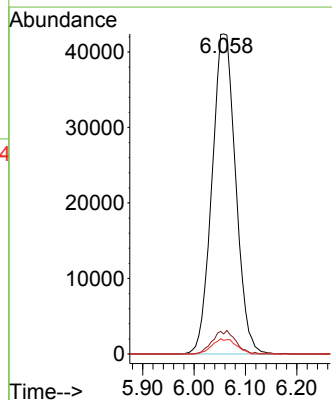
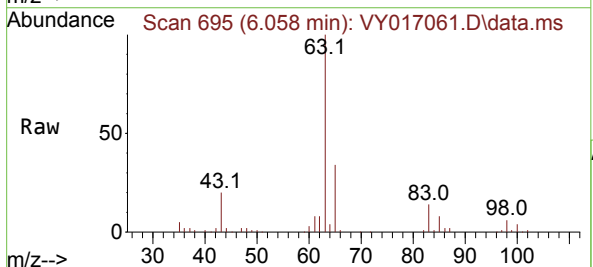
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-19.5-20.0MS

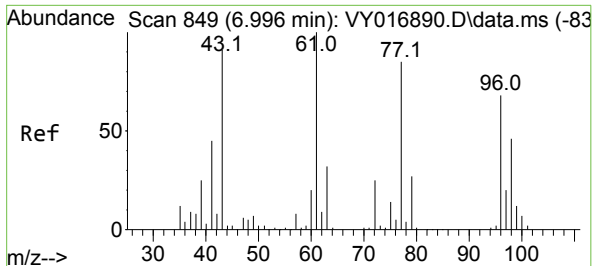
Tgt Ion: 43 Resp: 416324
Ion Ratio Lower Upper
43 100
86 10.4 8.6 13.0



#24
1,1-Dichloroethane
Concen: 54.498 ug/l
RT: 6.058 min Scan# 695
Delta R.T. 0.025 min
Lab File: VY017061.D
Acq: 19 Jan 2024 17:18

Tgt Ion: 63 Resp: 135589
Ion Ratio Lower Upper
63 100
98 6.2 3.8 11.4
100 4.3 2.1 6.2





#25

2-Butanone

Concen: 200.223 ug/l

RT: 7.021 min Scan# 81

Delta R.T. 0.025 min

Lab File: VY017061.D

Acq: 19 Jan 2024 17:18

Instrument :

MSVOA_Y

ClientSampleId :

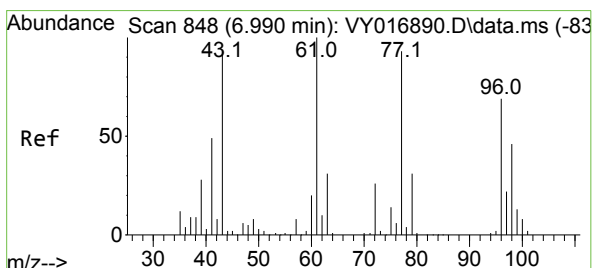
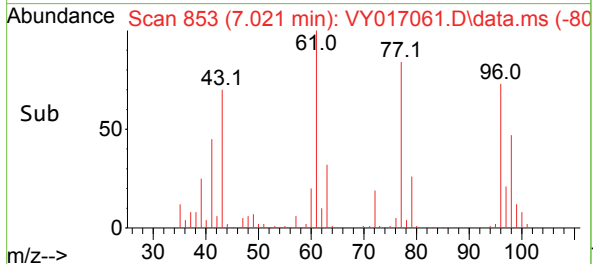
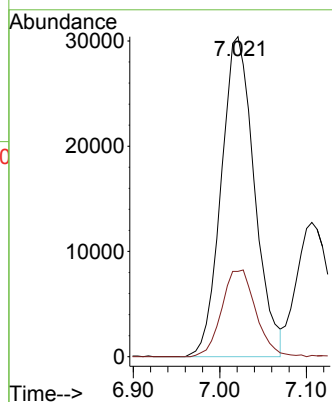
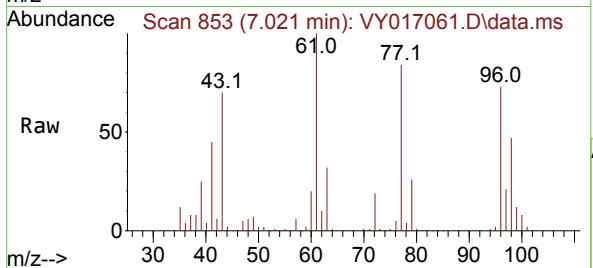
SB-5-19.5-20.0MS

Tgt Ion: 43 Resp: 81092

Ion Ratio Lower Upper

43 100

72 26.7 21.4 32.2



#26

2,2-Dichloropropane

Concen: 51.622 ug/l

RT: 7.015 min Scan# 852

Delta R.T. 0.019 min

Lab File: VY017061.D

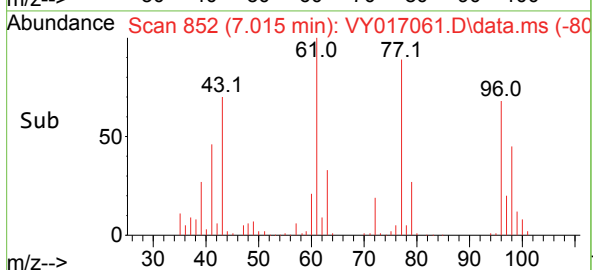
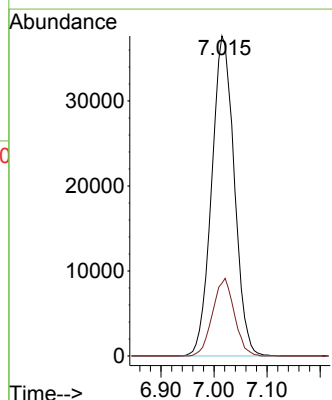
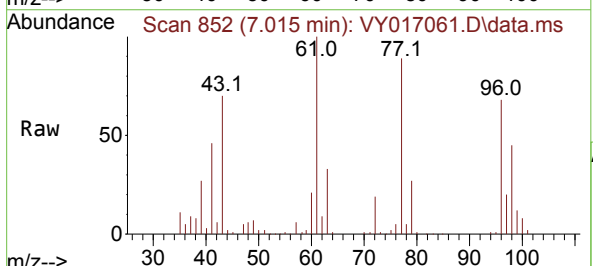
Acq: 19 Jan 2024 17:18

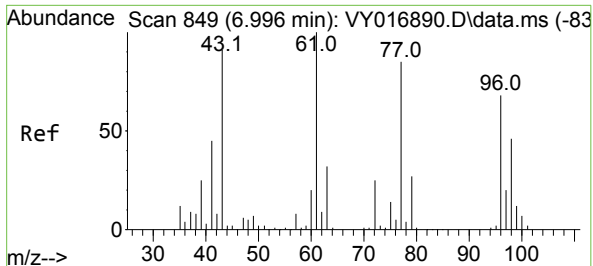
Tgt Ion: 77 Resp: 111358

Ion Ratio Lower Upper

77 100

97 23.4 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 55.856 ug/l

RT: 7.021 min Scan# 849

Delta R.T. 0.019 min

Lab File: VY017061.D

Acq: 19 Jan 2024 17:18

Instrument :

MSVOA_Y

ClientSampleId :

SB-5-19.5-20.0MS

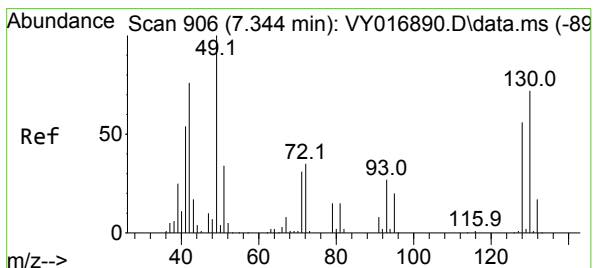
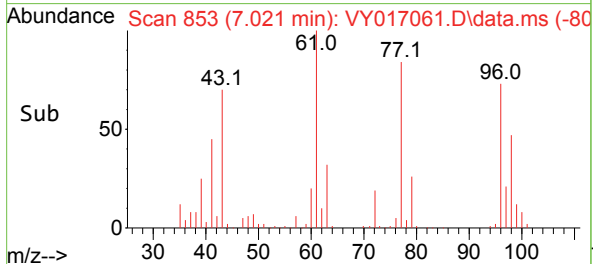
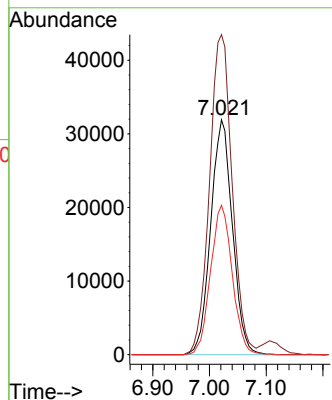
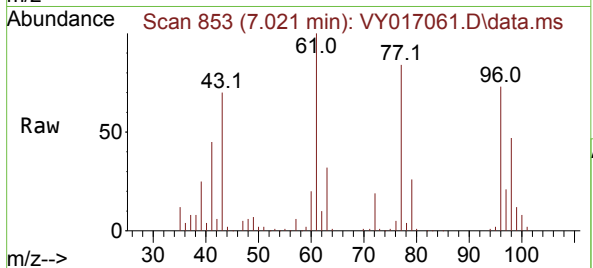
Tgt Ion: 96 Resp: 84948

Ion Ratio Lower Upper

96 100

61 141.7 0.0 278.8

98 63.5 0.0 127.0



#28

Bromochloromethane

Concen: 54.759 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.018 min

Lab File: VY017061.D

Acq: 19 Jan 2024 17:18

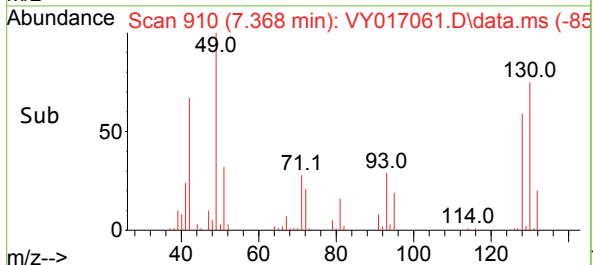
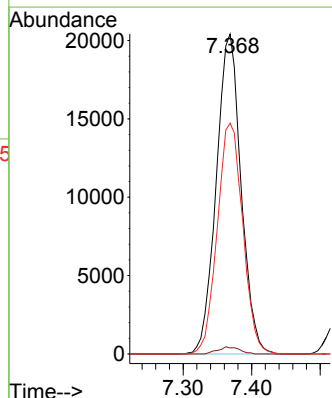
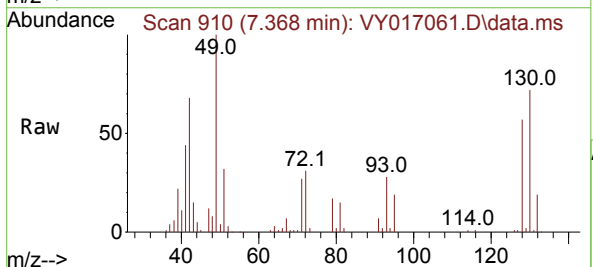
Tgt Ion: 49 Resp: 51146

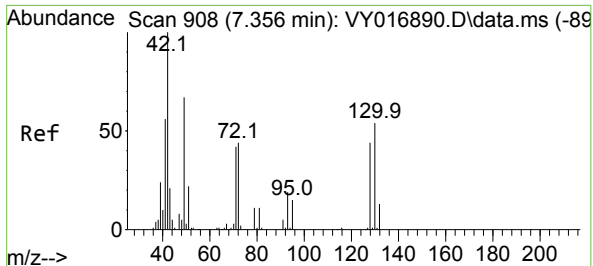
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 74.3 59.8 89.8





#29

Tetrahydrofuran

Concen: 207.631 ug/l

RT: 7.381 min Scan# 912

Delta R.T. 0.019 min

Lab File: VY017061.D

Acq: 19 Jan 2024 17:18

Instrument :

MSVOA_Y

ClientSampleId :

SB-5-19.5-20.0MS

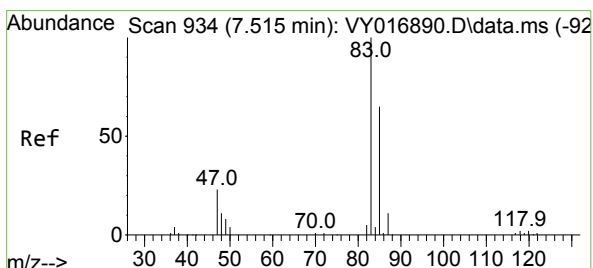
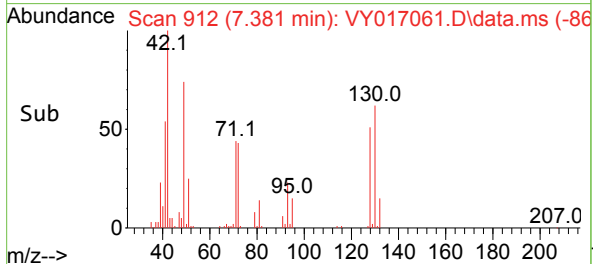
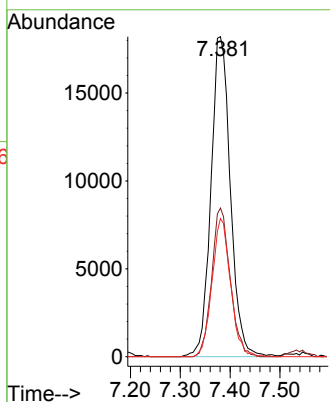
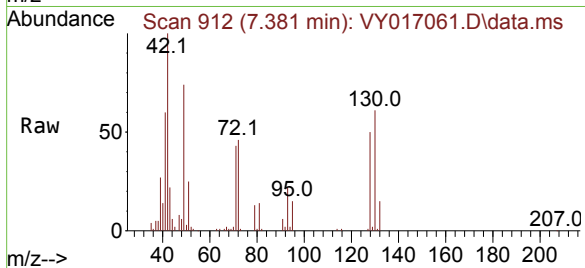
Tgt Ion: 42 Resp: 49398

Ion Ratio Lower Upper

42 100

72 44.1 36.6 54.8

71 41.0 33.8 50.6



#30

Chloroform

Concen: 53.378 ug/l

RT: 7.539 min Scan# 938

Delta R.T. 0.018 min

Lab File: VY017061.D

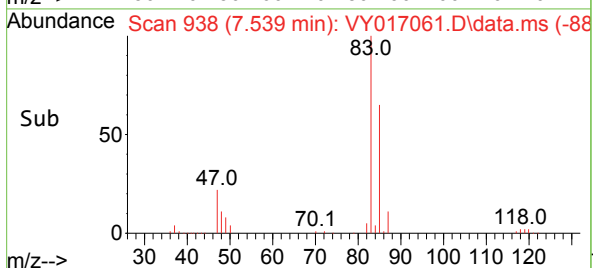
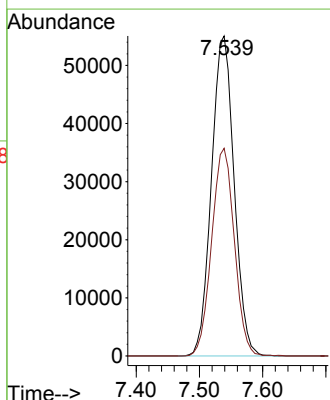
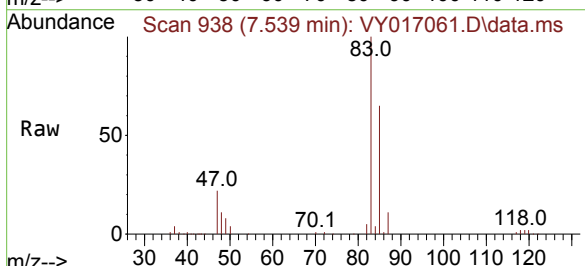
Acq: 19 Jan 2024 17:18

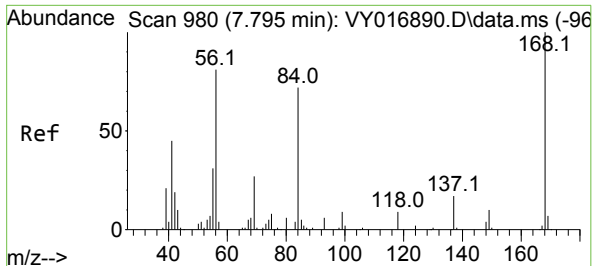
Tgt Ion: 83 Resp: 136855

Ion Ratio Lower Upper

83 100

85 64.9 51.2 76.8

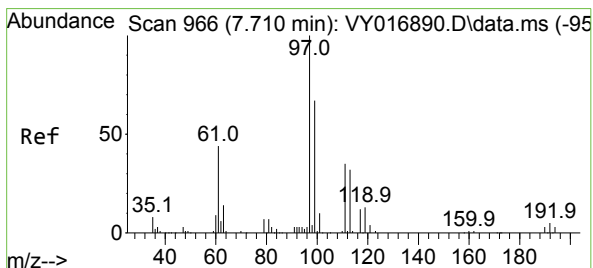
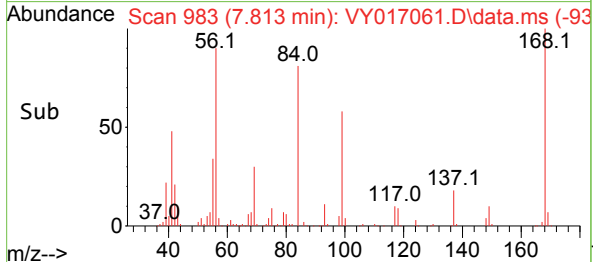
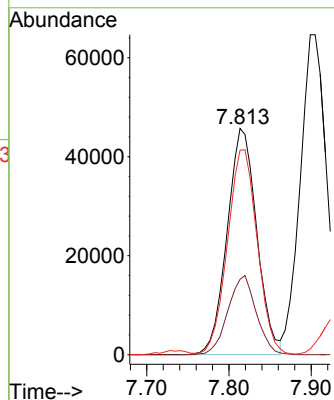
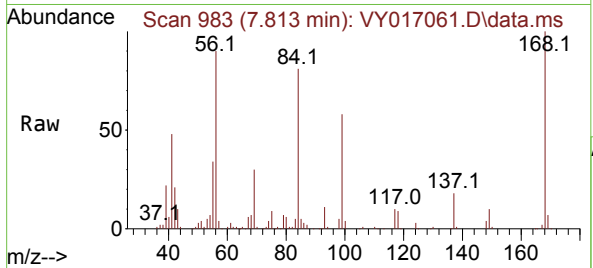




#31
Cyclohexane
Concen: 56.833 ug/l
RT: 7.813 min Scan# 911
Delta R.T. 0.012 min
Lab File: VY017061.D
Acq: 19 Jan 2024 17:18

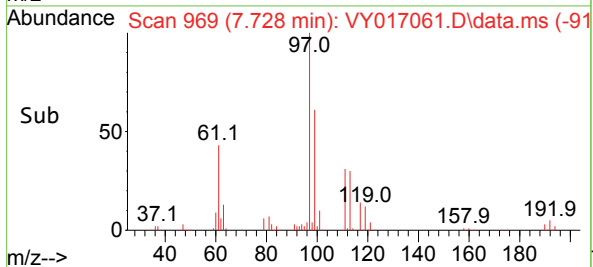
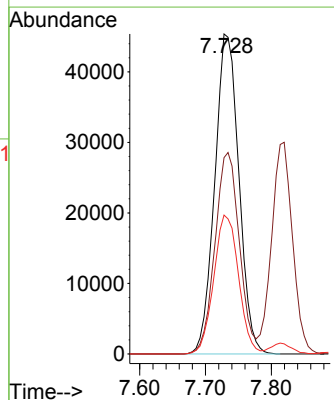
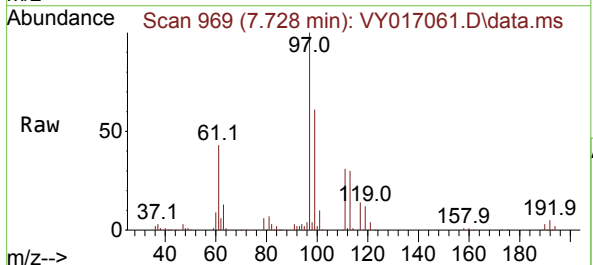
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-19.5-20.0MS

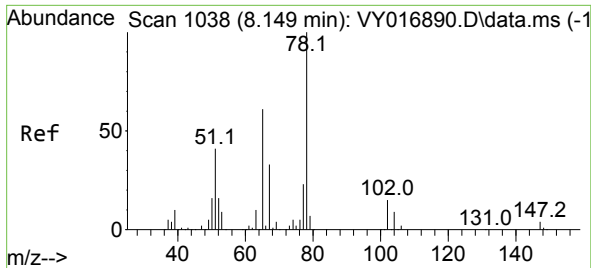
Tgt Ion: 56 Resp: 114661
Ion Ratio Lower Upper
56 100
69 33.3 27.0 40.6
84 88.6 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 53.329 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY017061.D
Acq: 19 Jan 2024 17:18

Tgt Ion: 97 Resp: 115932
Ion Ratio Lower Upper
97 100
99 63.7 51.2 76.8
61 44.6 35.0 52.6

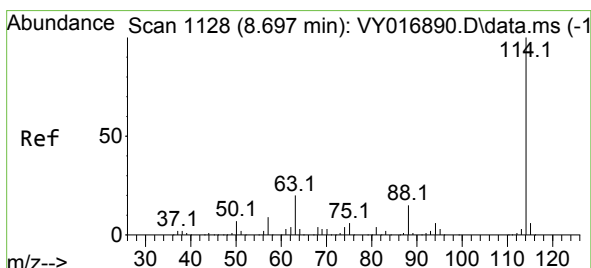
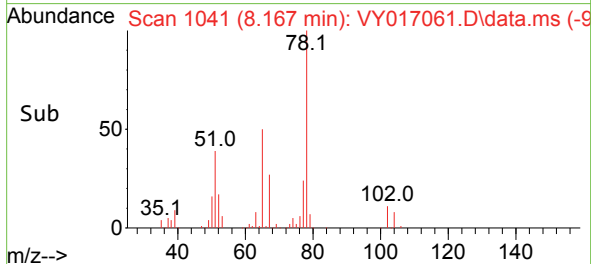
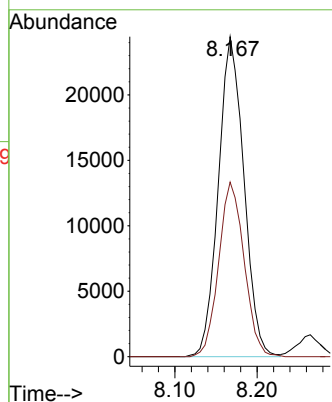
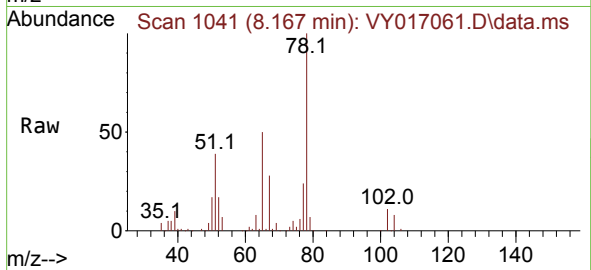




#33
 1,2-Dichloroethane-d4
 Concen: 44.869 ug/l
 RT: 8.167 min Scan# 1103
 Delta R.T. 0.012 min
 Lab File: VY017061.D
 Acq: 19 Jan 2024 17:18

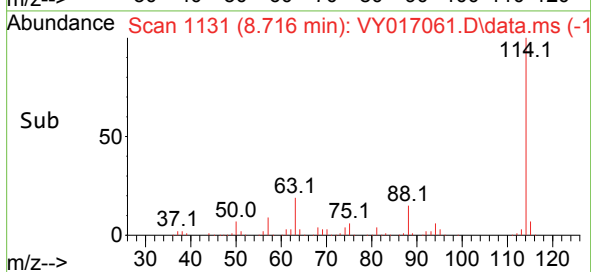
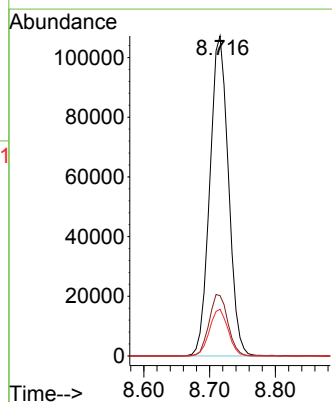
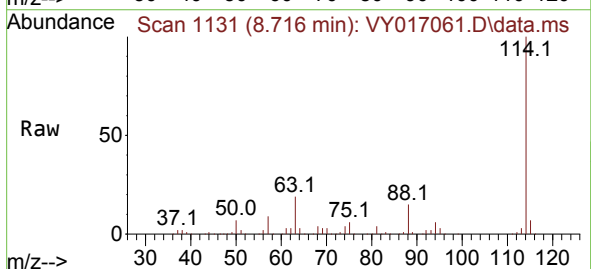
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5-19.5-20.0MS

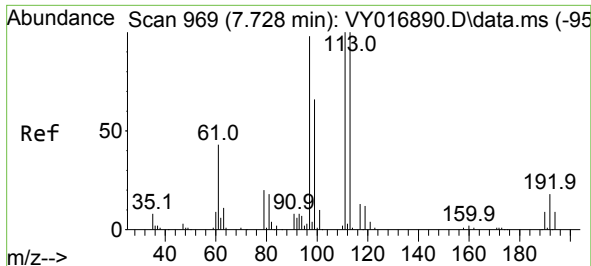
Tgt Ion: 65 Resp: 52743
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.716 min Scan# 1131
 Delta R.T. 0.013 min
 Lab File: VY017061.D
 Acq: 19 Jan 2024 17:18

Tgt Ion: 114 Resp: 210943
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 37.4
 88 14.6 0.0 29.0

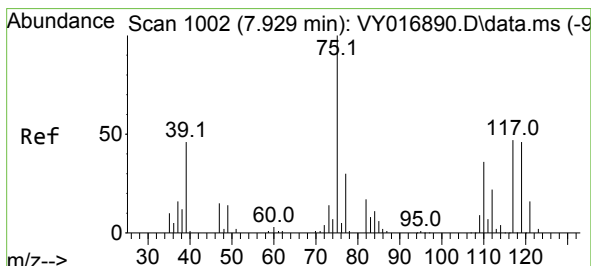
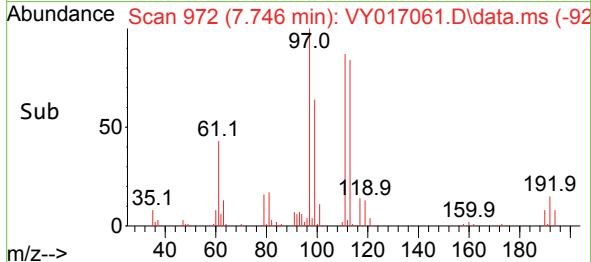
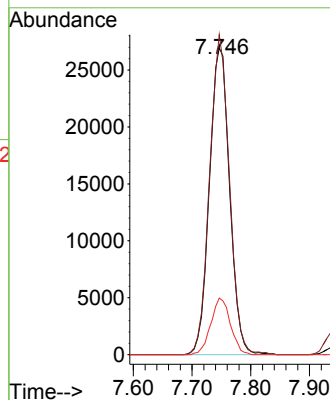
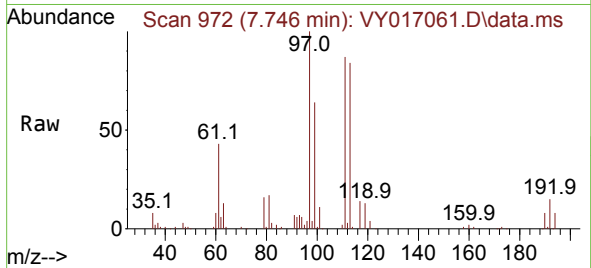




#35
Dibromofluoromethane
Concen: 47.837 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017061.D
Acq: 19 Jan 2024 17:18

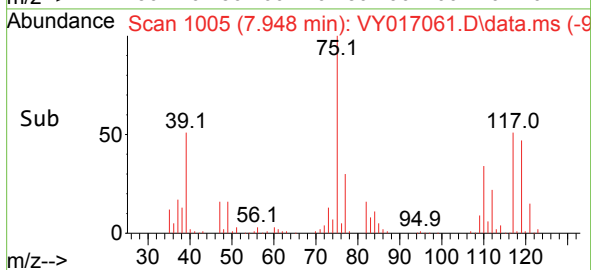
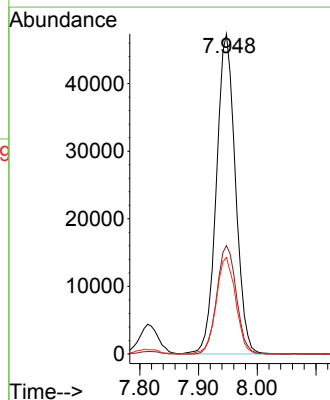
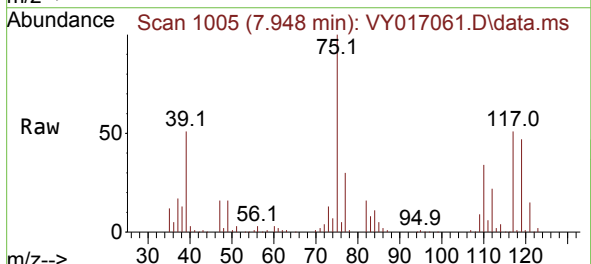
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-19.5-20.0MS

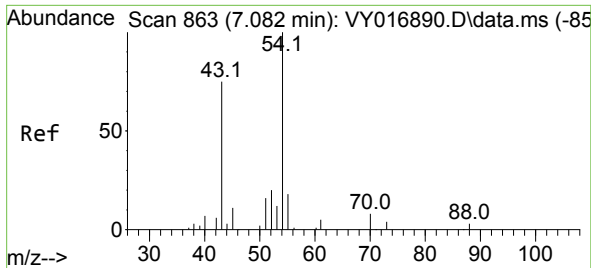
Tgt Ion:113 Resp: 64303
Ion Ratio Lower Upper
113 100
111 102.4 83.8 125.6
192 17.9 14.5 21.7



#36
1,1-Dichloropropene
Concen: 54.227 ug/l
RT: 7.948 min Scan# 1005
Delta R.T. 0.019 min
Lab File: VY017061.D
Acq: 19 Jan 2024 17:18

Tgt Ion: 75 Resp: 106231
Ion Ratio Lower Upper
75 100
110 34.7 17.4 52.3
77 31.0 24.7 37.1

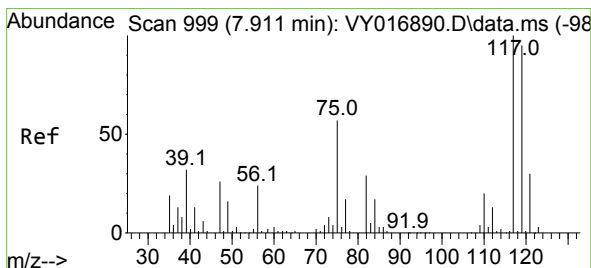
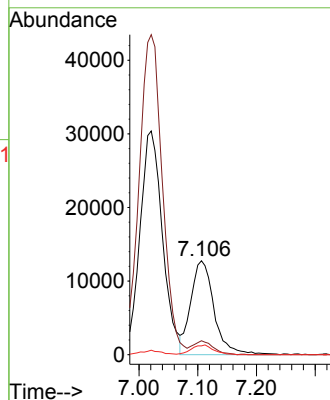
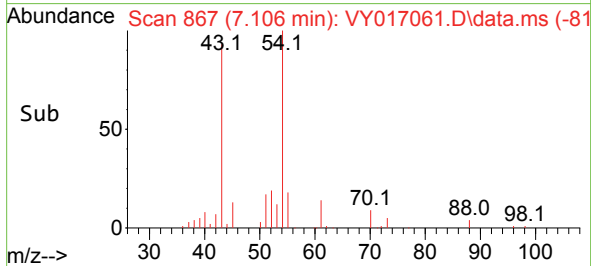
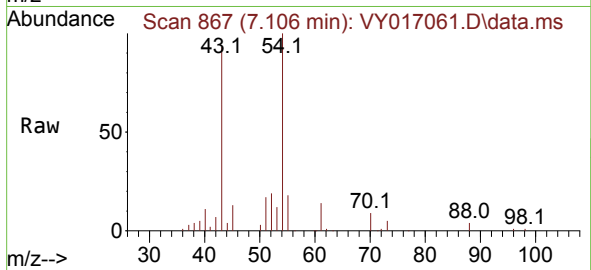




#37
Ethyl Acetate
Concen: 39.531 ug/l
RT: 7.106 min Scan# 80
Delta R.T. 0.018 min
Lab File: VY017061.D
Acq: 19 Jan 2024 17:18

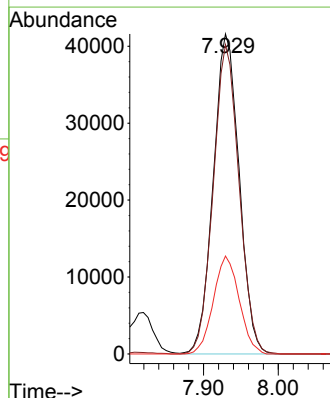
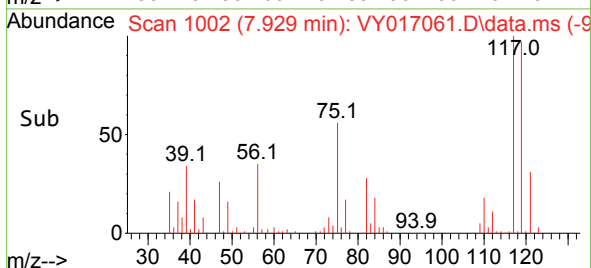
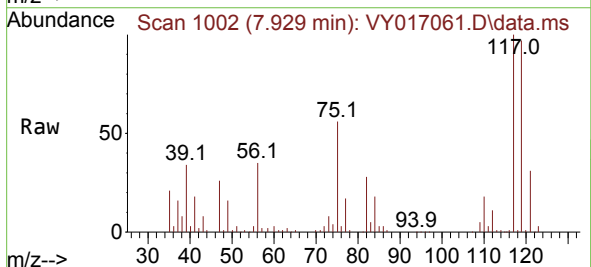
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-19.5-20.0MS

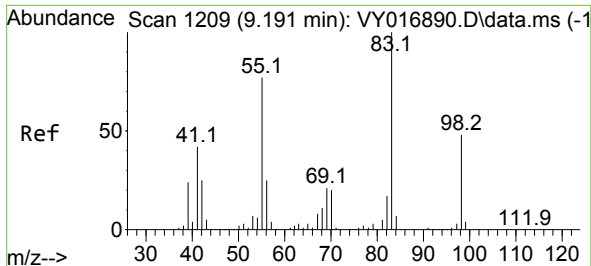
Tgt Ion: 43	Resp:	35192
Ion	Ratio	Lower Upper
43	100	
61	12.8	11.0 16.6
70	9.8	8.1 12.1



#38
Carbon Tetrachloride
Concen: 50.405 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.012 min
Lab File: VY017061.D
Acq: 19 Jan 2024 17:18

Tgt Ion: 117	Resp:	100322
Ion	Ratio	Lower Upper
117	100	
119	96.7	76.0 114.0
121	30.6	24.2 36.2

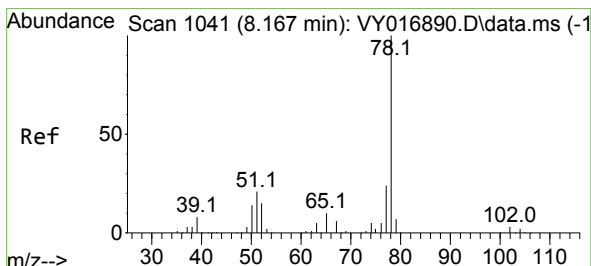
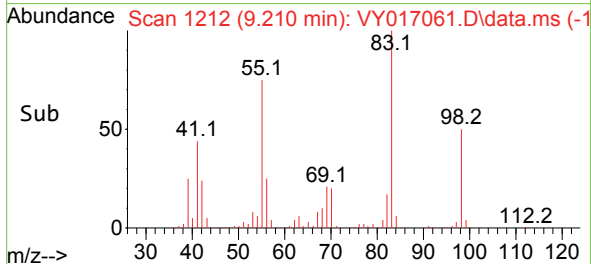
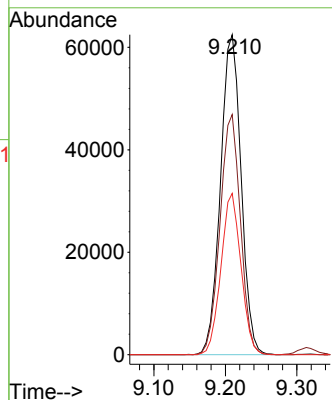
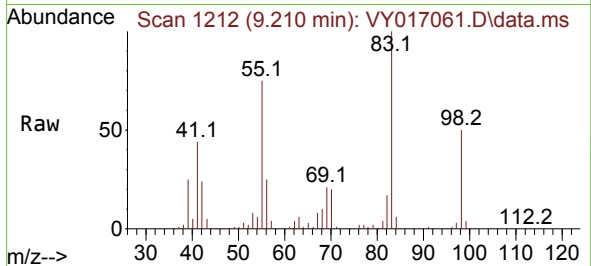




#39
Methylcyclohexane
Concen: 56.842 ug/l
RT: 9.210 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY017061.D
Acq: 19 Jan 2024 17:18

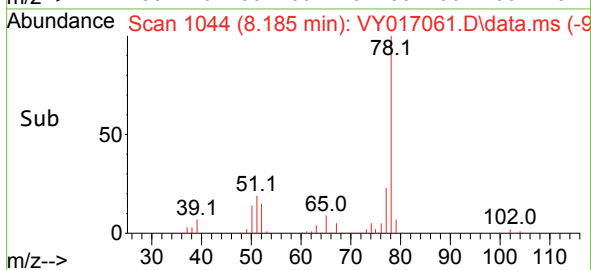
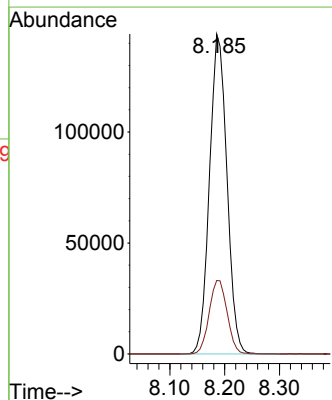
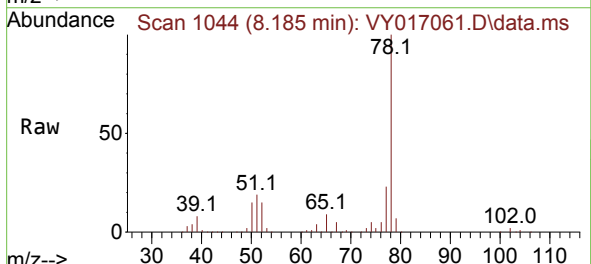
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-19.5-20.0MS

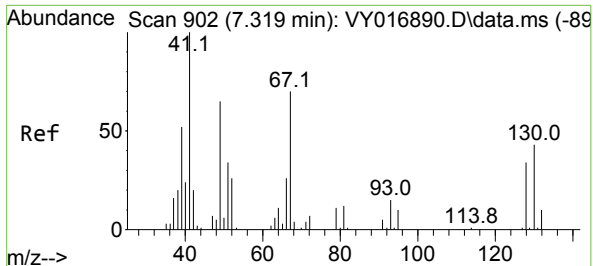
Tgt Ion: 83 Resp: 125182
Ion Ratio Lower Upper
83 100
55 75.0 59.7 89.5
98 50.4 38.0 57.0



#40
Benzene
Concen: 53.993 ug/l
RT: 8.185 min Scan# 1044
Delta R.T. 0.012 min
Lab File: VY017061.D
Acq: 19 Jan 2024 17:18

Tgt Ion: 78 Resp: 317294
Ion Ratio Lower Upper
78 100
77 23.0 18.8 28.2

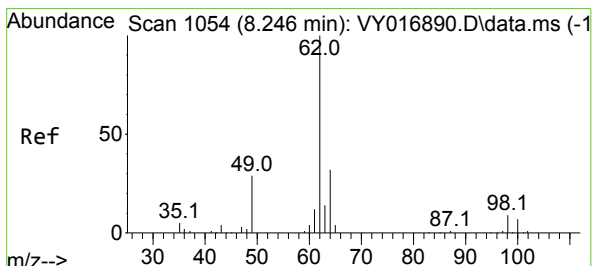
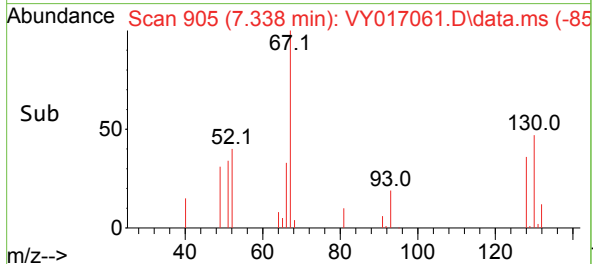
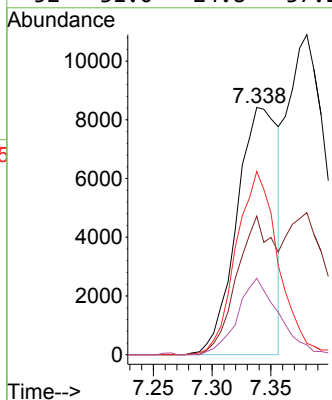
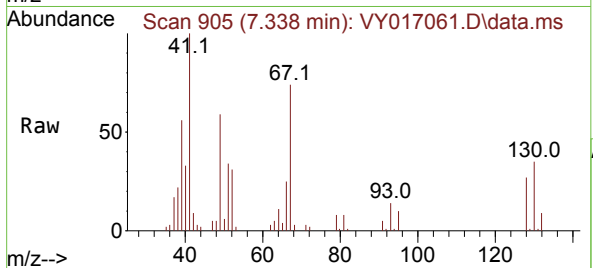




#41
Methacrylonitrile
Concen: 43.744 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.019 min
Lab File: VY017061.D
Acq: 19 Jan 2024 17:18

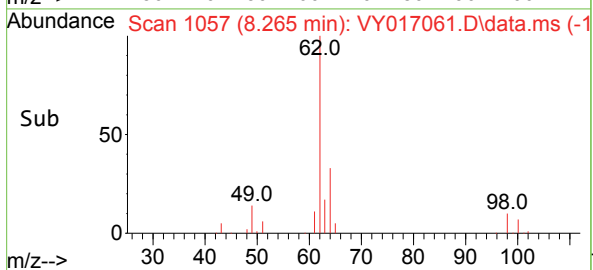
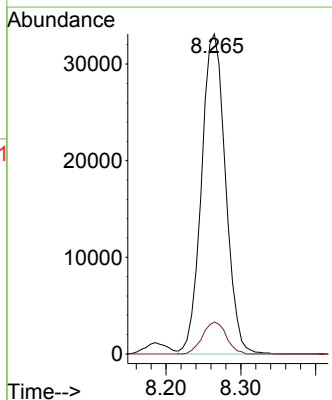
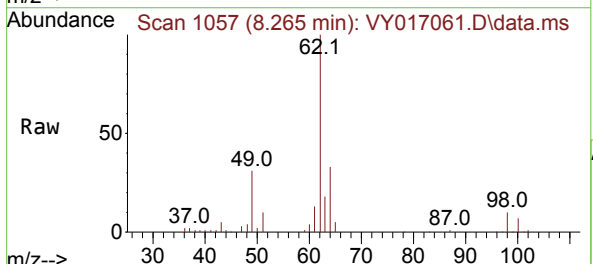
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-19.5-20.0MS

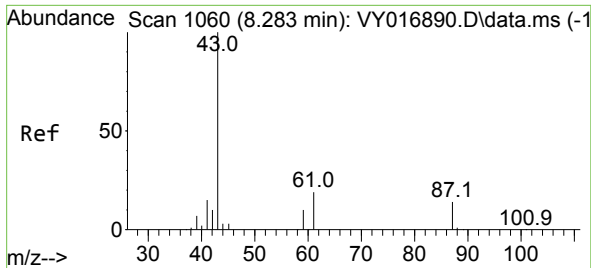
Tgt Ion:	41	Resp:	20510
Ion	Ratio	Lower	Upper
41	100		
39	51.6	41.9	62.9
67	76.5	59.8	89.6
52	31.0	24.8	37.2



#42
1,2-Dichloroethane
Concen: 47.328 ug/l
RT: 8.265 min Scan# 1057
Delta R.T. 0.013 min
Lab File: VY017061.D
Acq: 19 Jan 2024 17:18

Tgt Ion:	62	Resp:	73835
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.2

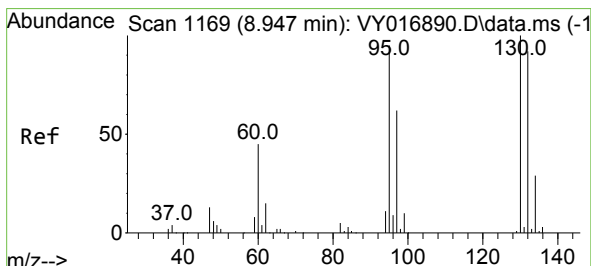
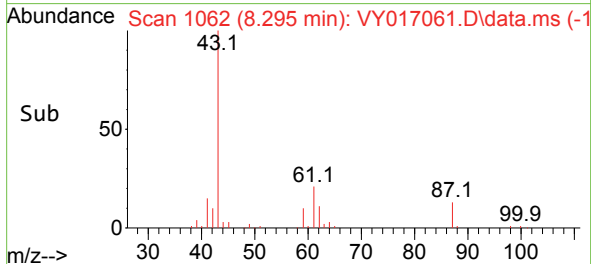
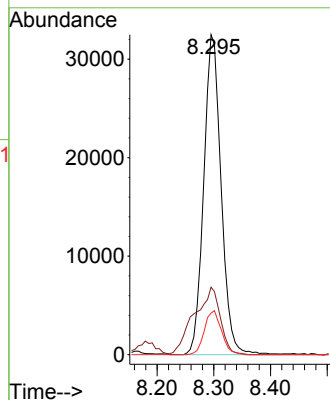
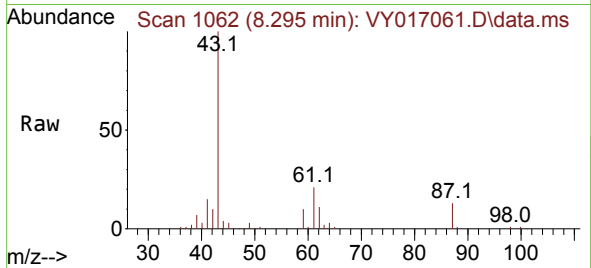




#43
Isopropyl Acetate
Concen: 40.570 ug/l
RT: 8.295 min Scan# 1172
Delta R.T. 0.012 min
Lab File: VY017061.D
Acq: 19 Jan 2024 17:18

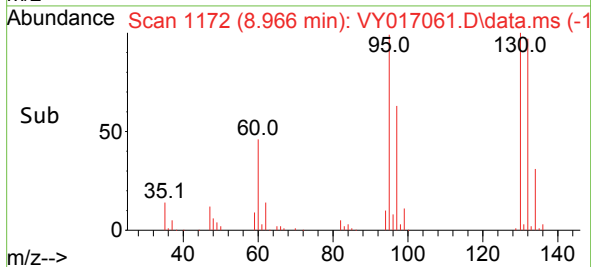
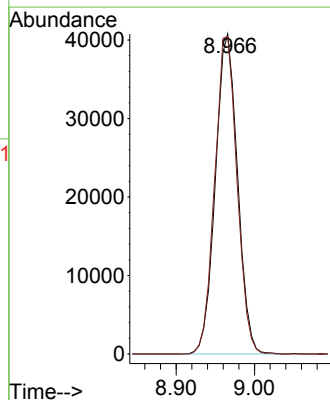
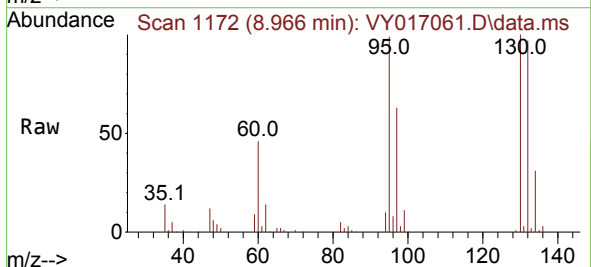
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-19.5-20.0MS

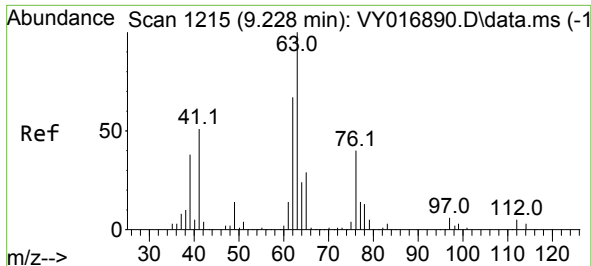
Tgt Ion: 43 Resp: 69163
Ion Ratio Lower Upper
43 100
61 31.5 24.8 37.2
87 13.5 10.7 16.1



#44
Trichloroethene
Concen: 53.560 ug/l
RT: 8.966 min Scan# 1172
Delta R.T. 0.019 min
Lab File: VY017061.D
Acq: 19 Jan 2024 17:18

Tgt Ion:130 Resp: 80090
Ion Ratio Lower Upper
130 100
95 99.3 0.0 203.8

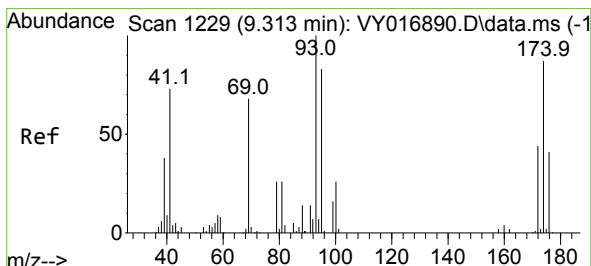
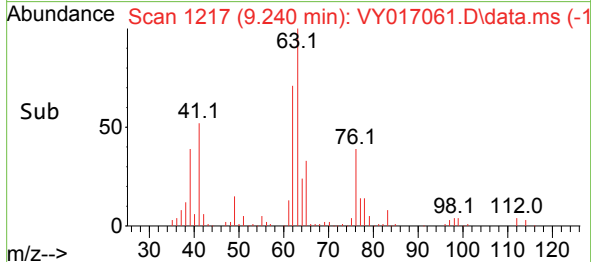
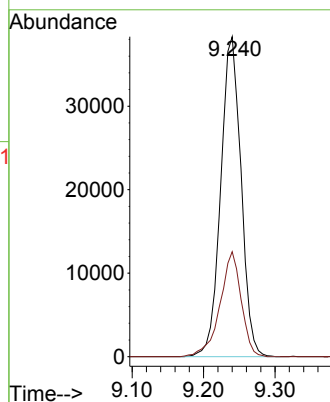
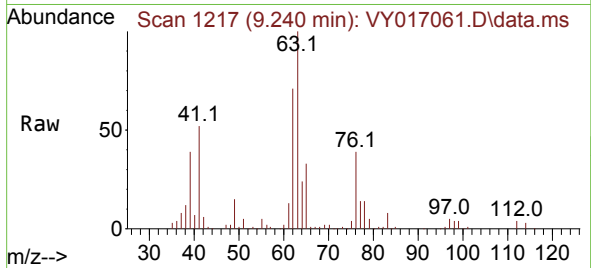




#45
1,2-Dichloropropane
Concen: 49.935 ug/l
RT: 9.240 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017061.D
Acq: 19 Jan 2024 17:18

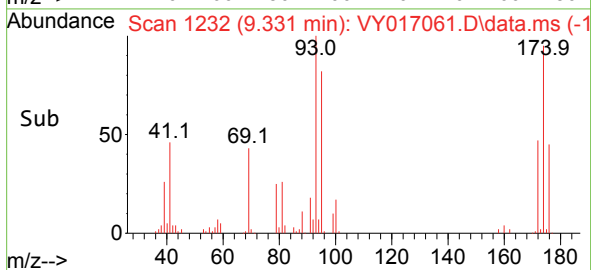
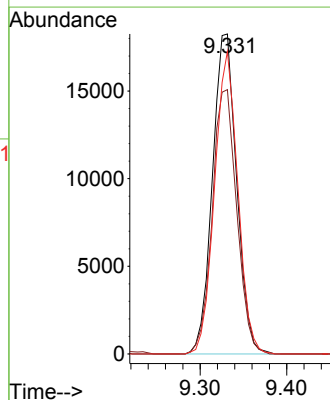
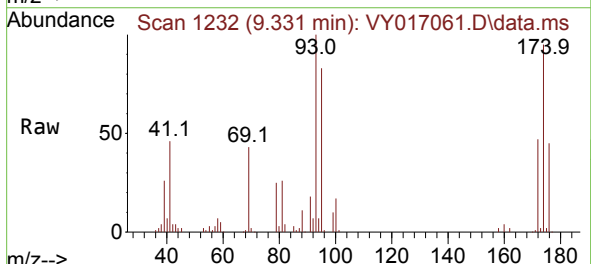
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-19.5-20.0MS

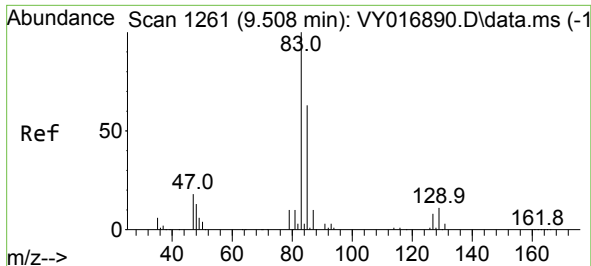
Tgt Ion: 63 Resp: 75598
Ion Ratio Lower Upper
63 100
65 32.8 24.6 36.8



#46
Dibromomethane
Concen: 45.932 ug/l
RT: 9.331 min Scan# 1232
Delta R.T. 0.018 min
Lab File: VY017061.D
Acq: 19 Jan 2024 17:18

Tgt Ion: 93 Resp: 35465
Ion Ratio Lower Upper
93 100
95 83.6 66.6 99.8
174 90.6 73.8 110.6

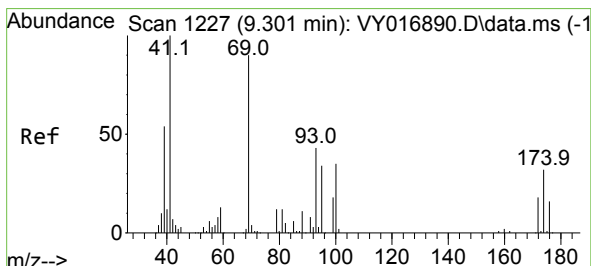
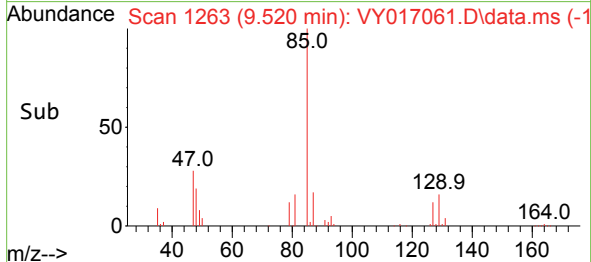
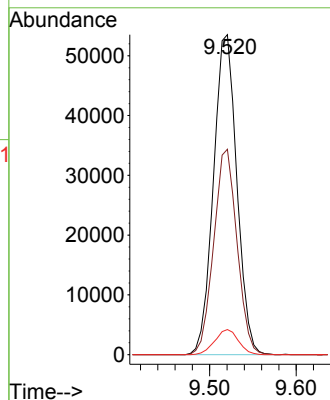
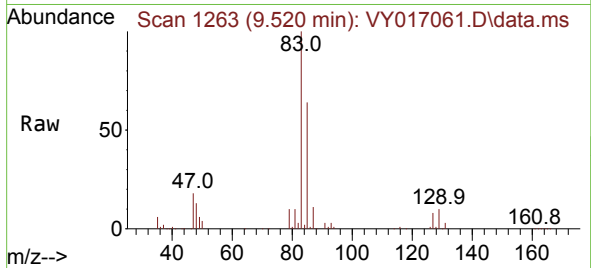




#47
Bromodichloromethane
Concen: 48.401 ug/l
RT: 9.520 min Scan# 1263
Delta R.T. 0.012 min
Lab File: VY017061.D
Acq: 19 Jan 2024 17:18

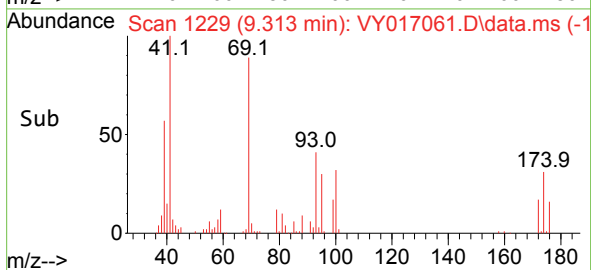
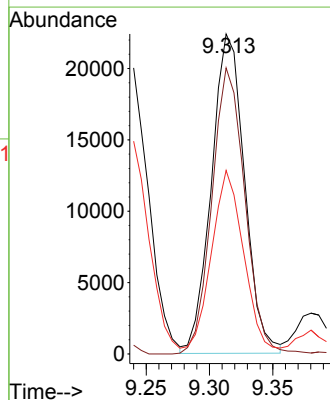
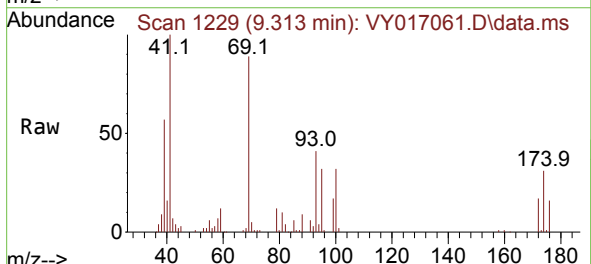
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-19.5-20.0MS

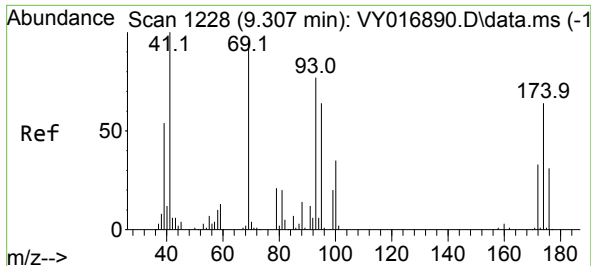
Tgt Ion: 83 Resp: 100353
Ion Ratio Lower Upper
83 100
85 64.2 53.2 79.8
127 7.8 6.4 9.6



#48
Methyl methacrylate
Concen: 44.355 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.012 min
Lab File: VY017061.D
Acq: 19 Jan 2024 17:18

Tgt Ion: 41 Resp: 40808
Ion Ratio Lower Upper
41 100
69 89.0 72.1 108.1
39 52.9 42.8 64.2





#49

1,4-Dioxane

Concen: 726.485 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. 0.006 min

Lab File: VY017061.D

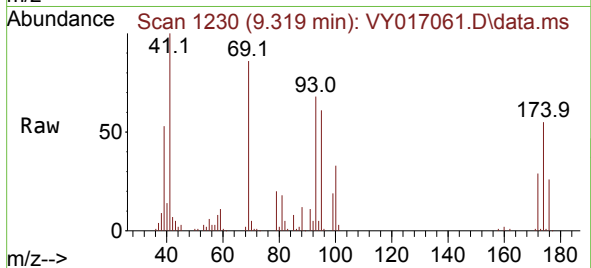
Acq: 19 Jan 2024 17:18

Instrument :

MSVOA_Y

ClientSampleId :

SB-5-19.5-20.0MS



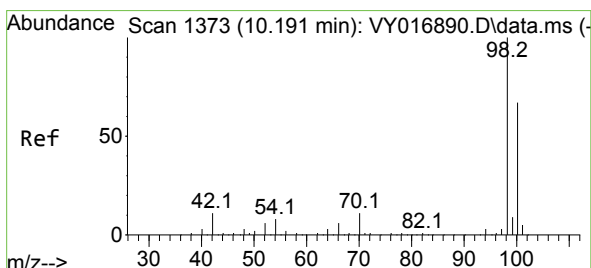
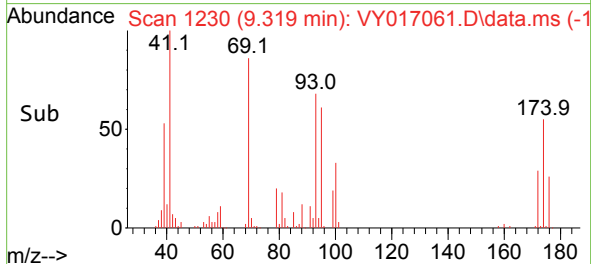
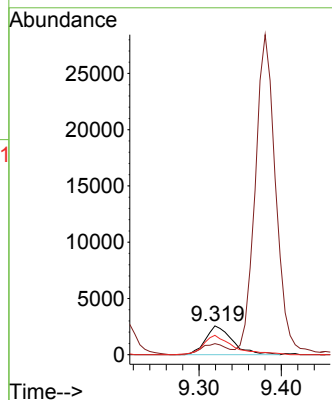
Tgt Ion: 88 Resp: 5808

Ion Ratio Lower Upper

88 100

43 37.9 28.2 42.4

58 74.6 52.2 78.2



#50

Toluene-d8

Concen: 45.833 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.006 min

Lab File: VY017061.D

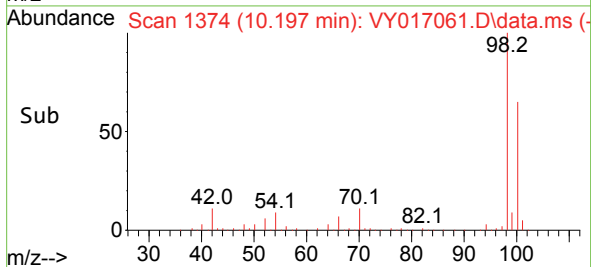
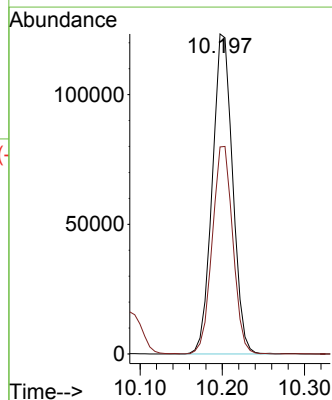
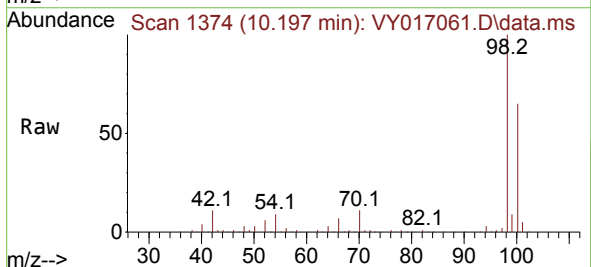
Acq: 19 Jan 2024 17:18

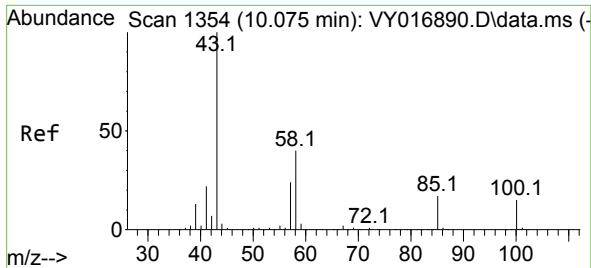
Tgt Ion: 98 Resp: 212152

Ion Ratio Lower Upper

98 100

100 65.6 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 201.960 ug/l

RT: 10.087 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017061.D

Acq: 19 Jan 2024 17:18

Instrument :

MSVOA_Y

ClientSampleId :

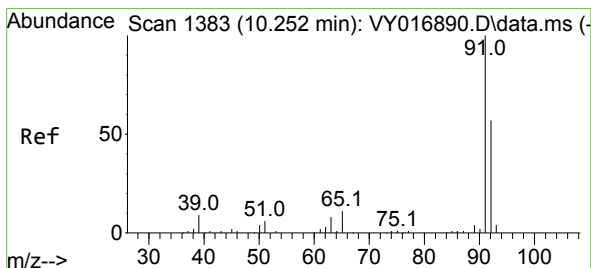
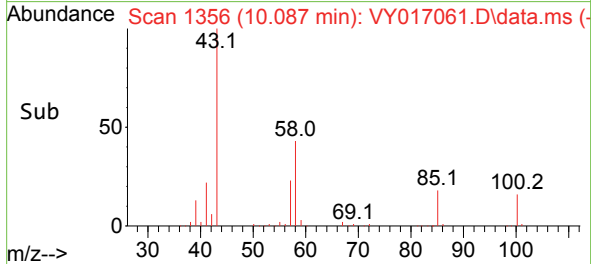
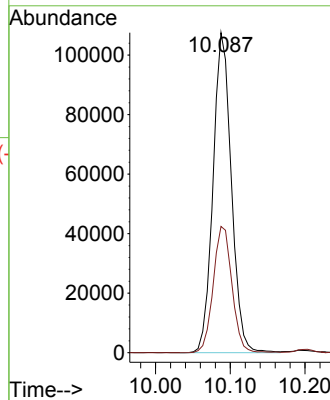
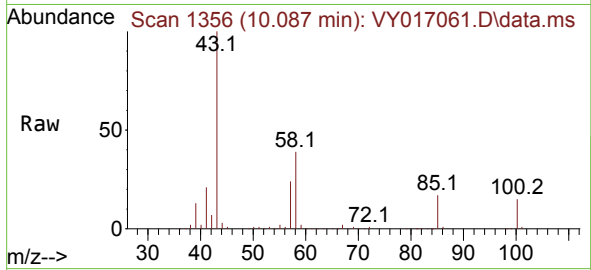
SB-5-19.5-20.0MS

Tgt Ion: 43 Resp: 183106

Ion Ratio Lower Upper

43 100

58 40.3 32.2 48.2



#52

Toluene

Concen: 55.056 ug/l

RT: 10.264 min Scan# 1385

Delta R.T. 0.012 min

Lab File: VY017061.D

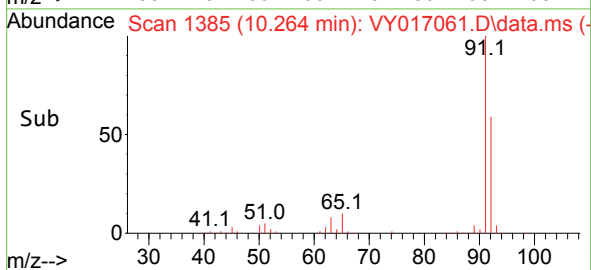
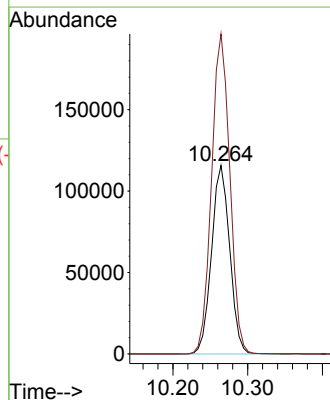
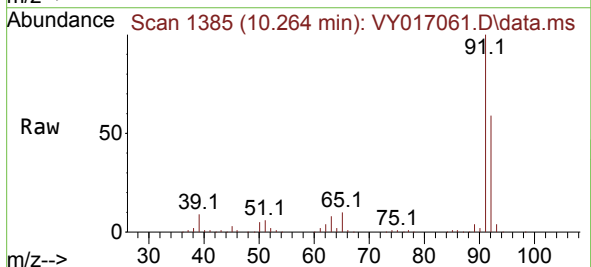
Acq: 19 Jan 2024 17:18

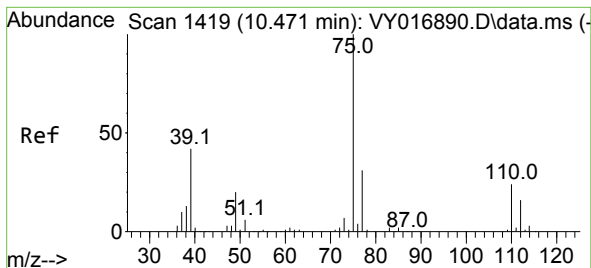
Tgt Ion: 92 Resp: 195256

Ion Ratio Lower Upper

92 100

91 171.2 137.6 206.4

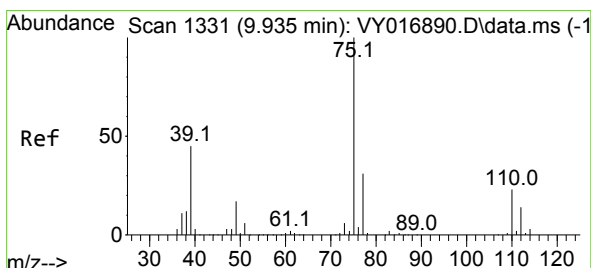
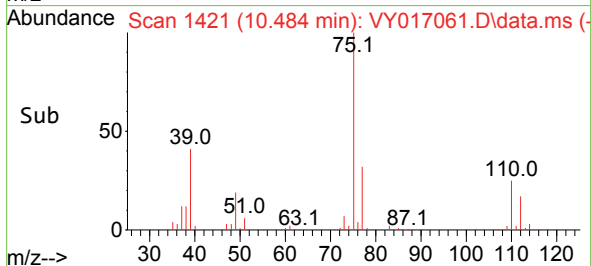
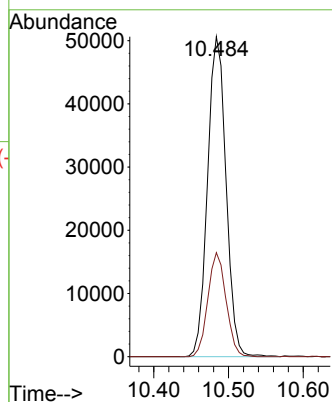
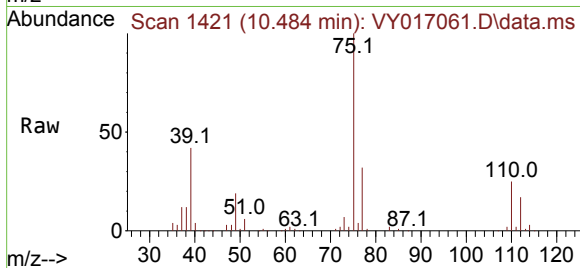




#53
 t-1,3-Dichloropropene
 Concen: 46.767 ug/l
 RT: 10.484 min Scan# 1419
 Delta R.T. 0.013 min
 Lab File: VY017061.D
 Acq: 19 Jan 2024 17:18

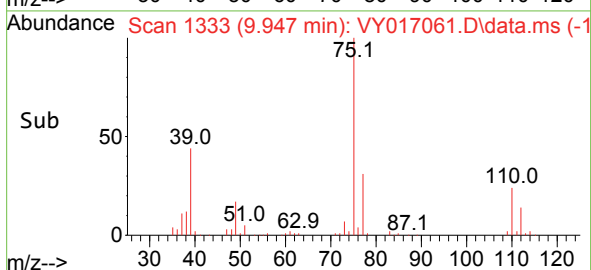
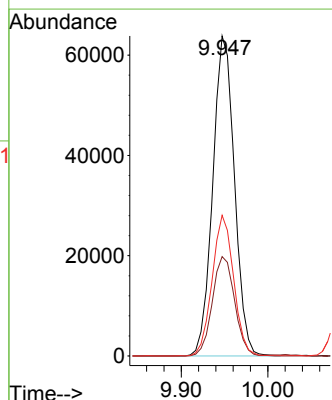
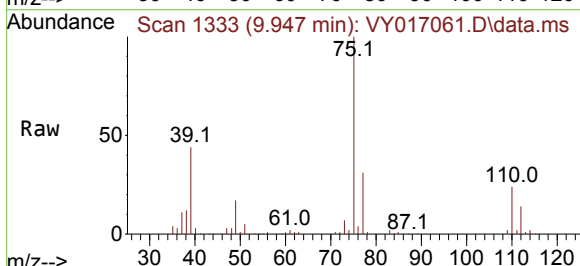
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5-19.5-20.0MS

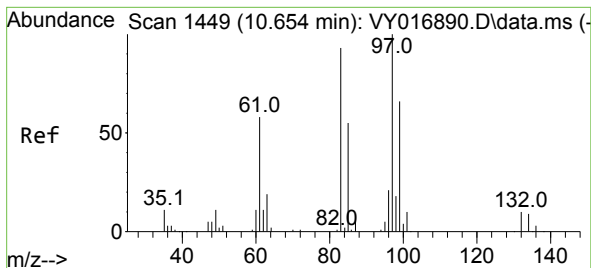
Tgt Ion: 75 Resp: 86854
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 49.819 ug/l
 RT: 9.947 min Scan# 1333
 Delta R.T. 0.006 min
 Lab File: VY017061.D
 Acq: 19 Jan 2024 17:18

Tgt Ion: 75 Resp: 111114
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.6 36.8
 39 43.9 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 43.918 ug/l

RT: 10.660 min Scan# 1449

Delta R.T. 0.006 min

Lab File: VY017061.D

Acq: 19 Jan 2024 17:18

Instrument :

MSVOA_Y

ClientSampleId :

SB-5-19.5-20.0MS

Tgt Ion: 97 Resp: 49540

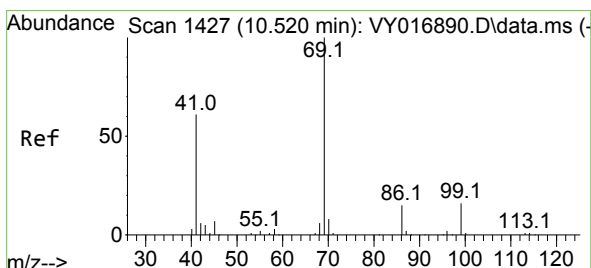
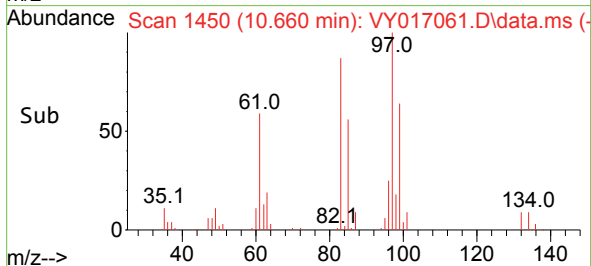
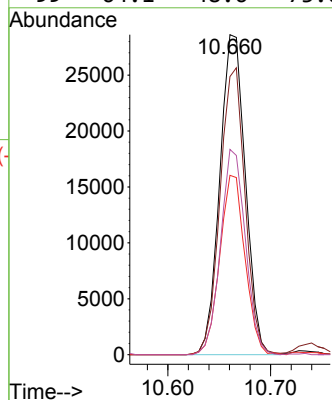
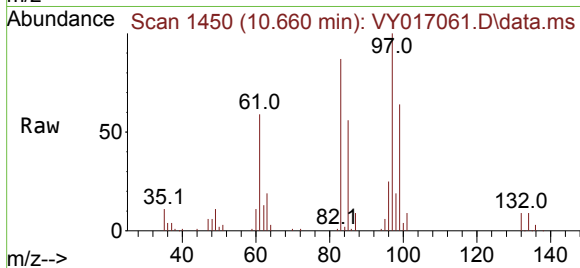
Ion Ratio Lower Upper

97 100

83 86.9 69.4 104.2

85 56.1 43.9 65.9

99 64.1 48.6 73.0



#56

Ethyl methacrylate

Concen: 44.548 ug/l

RT: 10.526 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VY017061.D

Acq: 19 Jan 2024 17:18

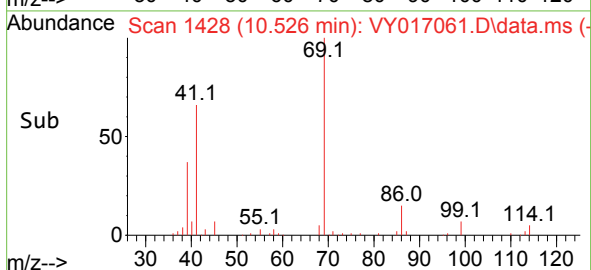
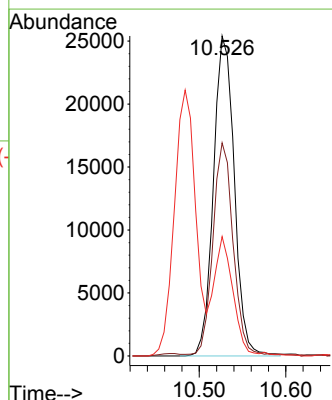
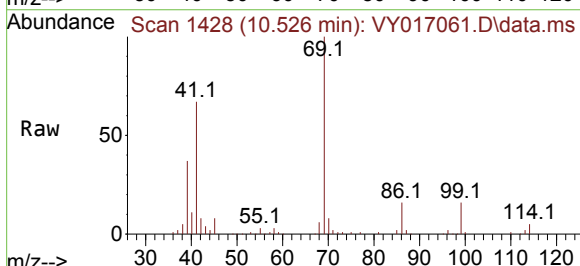
Tgt Ion: 69 Resp: 42562

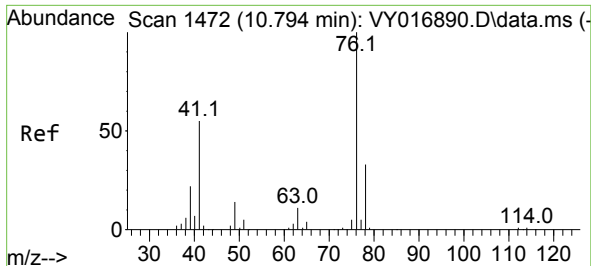
Ion Ratio Lower Upper

69 100

41 64.4 49.2 73.8

39 34.6 26.8 40.2

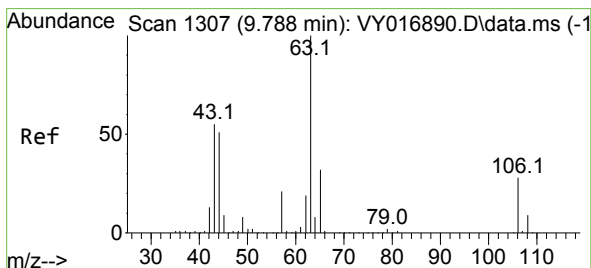
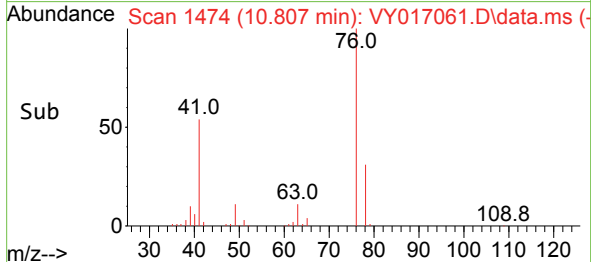
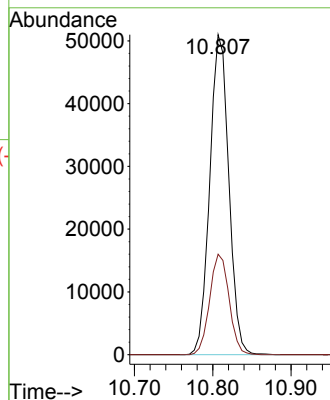
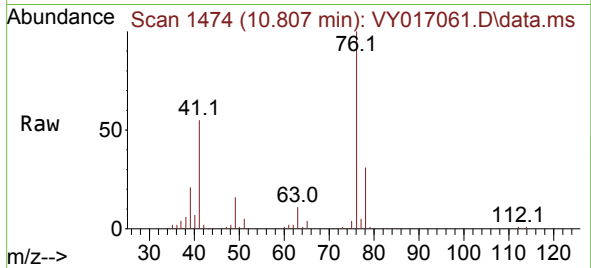




#57
1,3-Dichloropropane
Concen: 45.618 ug/l
RT: 10.807 min Scan# 1472
Delta R.T. 0.007 min
Lab File: VY017061.D
Acq: 19 Jan 2024 17:18

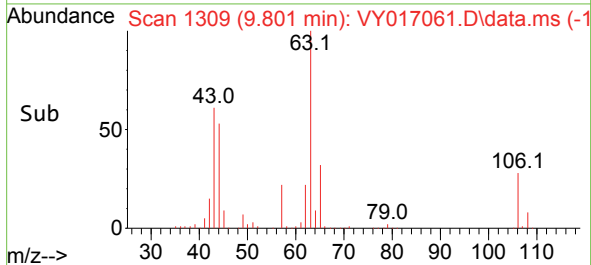
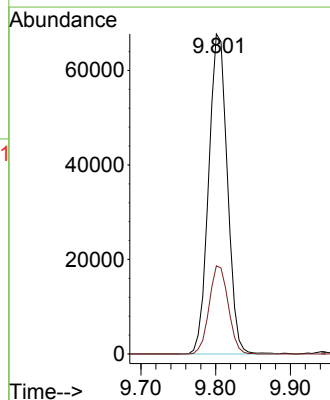
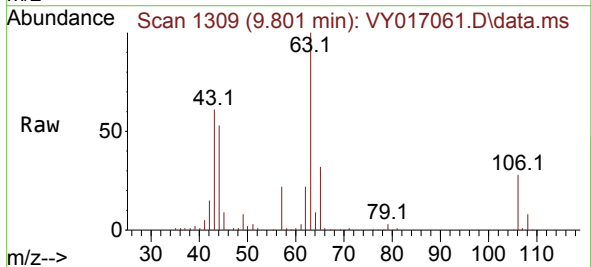
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-19.5-20.0MS

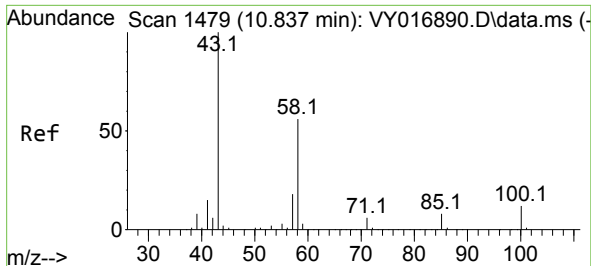
Tgt Ion	Ratio	Lower	Upper
76	100		
78	31.9	26.1	39.1



#58
2-Chloroethyl Vinyl ether
Concen: 199.451 ug/l
RT: 9.801 min Scan# 1309
Delta R.T. 0.013 min
Lab File: VY017061.D
Acq: 19 Jan 2024 17:18

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.0	22.4	33.6

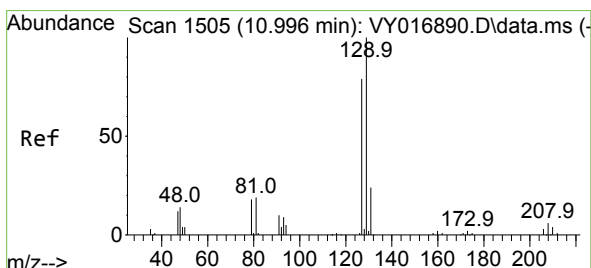
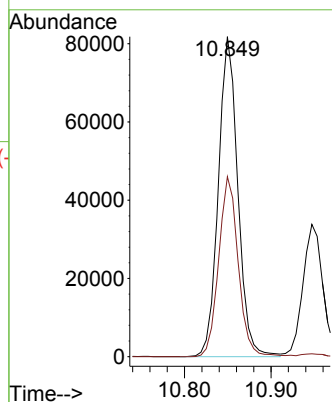
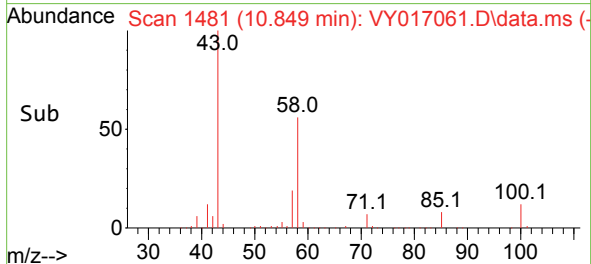
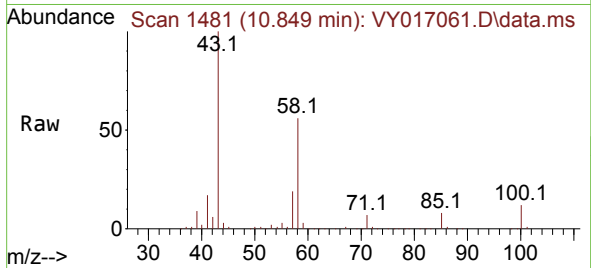




#59
2-Hexanone
Concen: 191.481 ug/l
RT: 10.849 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY017061.D
Acq: 19 Jan 2024 17:18

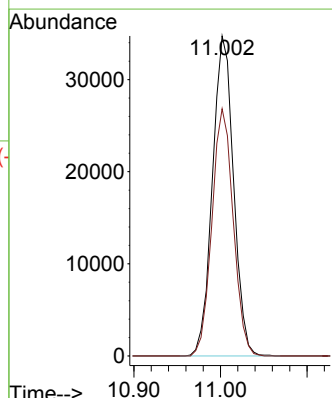
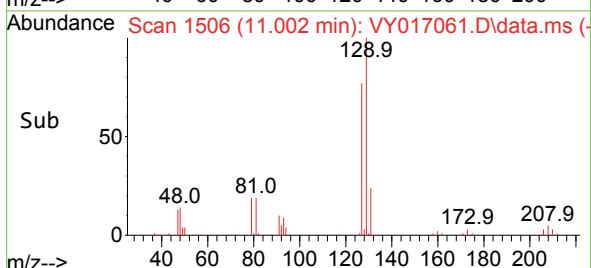
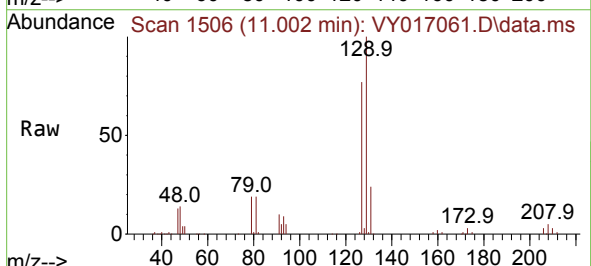
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-19.5-20.0MS

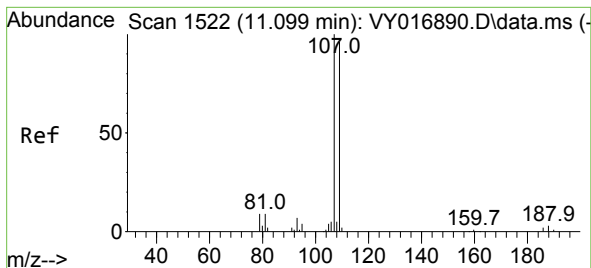
Tgt Ion: 43 Resp: 127831
Ion Ratio Lower Upper
43 100
58 56.3 28.1 84.3



#60
Dibromochloromethane
Concen: 45.214 ug/l
RT: 11.002 min Scan# 1506
Delta R.T. 0.006 min
Lab File: VY017061.D
Acq: 19 Jan 2024 17:18

Tgt Ion:129 Resp: 58816
Ion Ratio Lower Upper
129 100
127 77.8 39.2 117.6





#61

1,2-Dibromoethane

Concen: 44.994 ug/l

RT: 11.106 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY017061.D

Acq: 19 Jan 2024 17:18

Instrument :

MSVOA_Y

ClientSampleId :

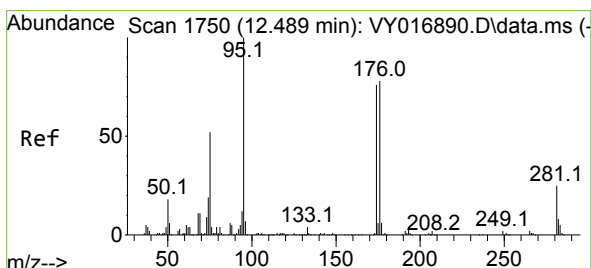
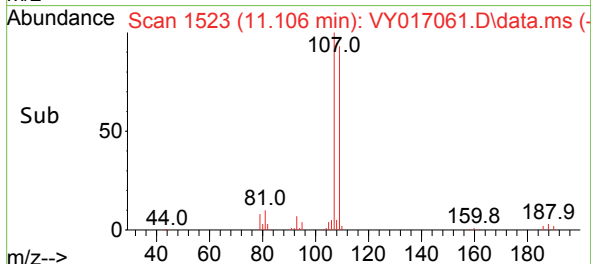
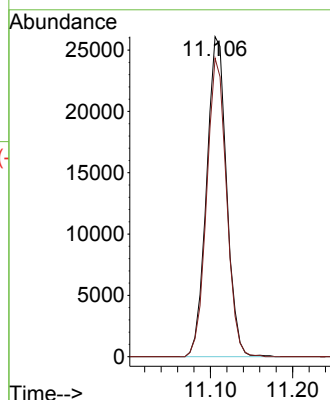
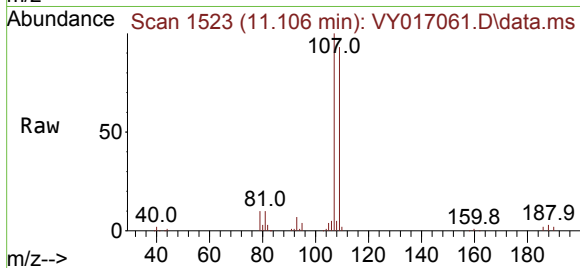
SB-5-19.5-20.0MS

Tgt Ion:107 Resp: 44096

Ion Ratio Lower Upper

107 100

109 92.3 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 46.437 ug/l

RT: 12.496 min Scan# 1751

Delta R.T. 0.007 min

Lab File: VY017061.D

Acq: 19 Jan 2024 17:18

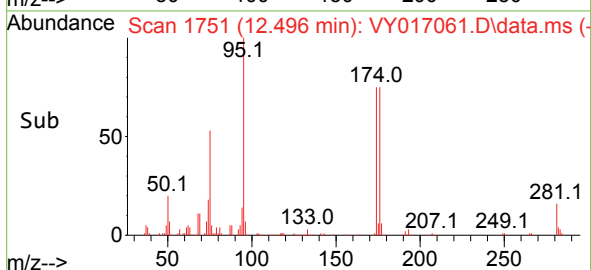
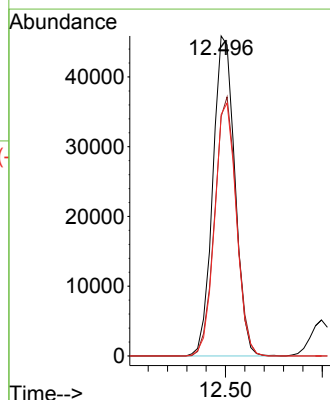
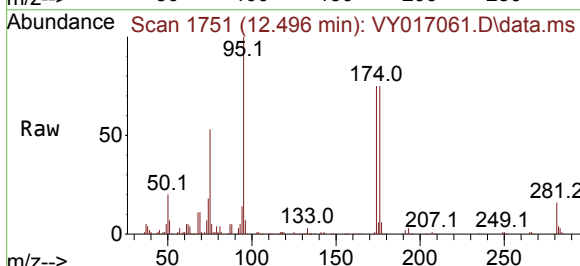
Tgt Ion: 95 Resp: 72520

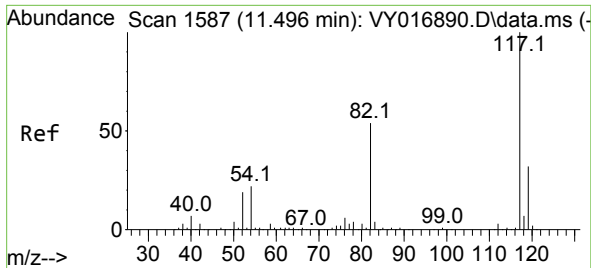
Ion Ratio Lower Upper

95 100

174 79.8 0.0 160.0

176 77.8 0.0 151.8

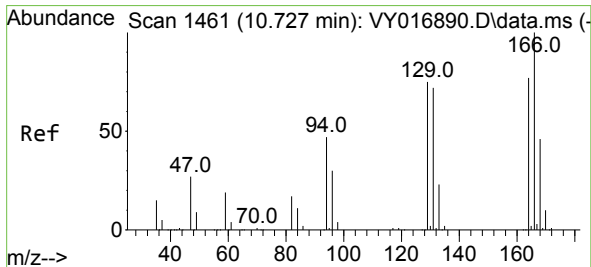
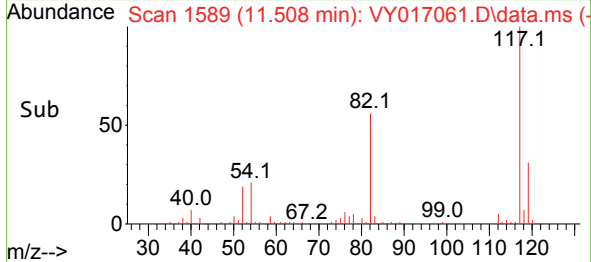
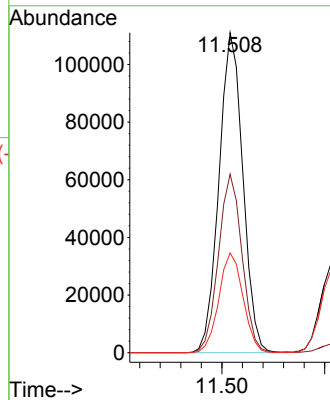
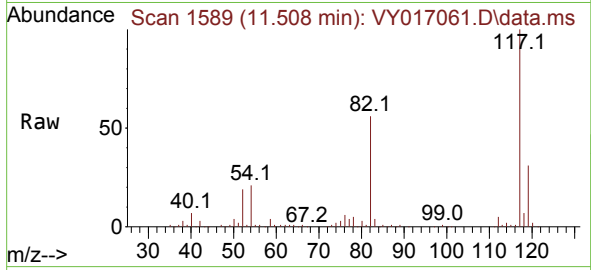




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017061.D
Acq: 19 Jan 2024 17:18

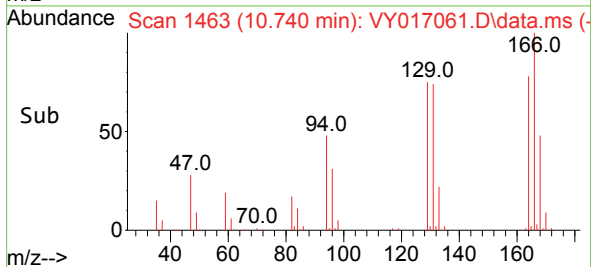
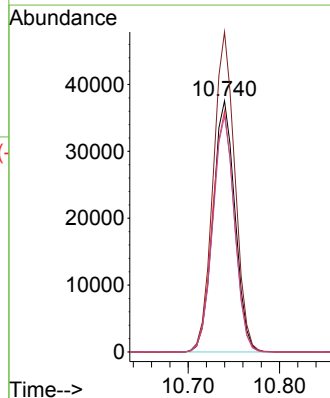
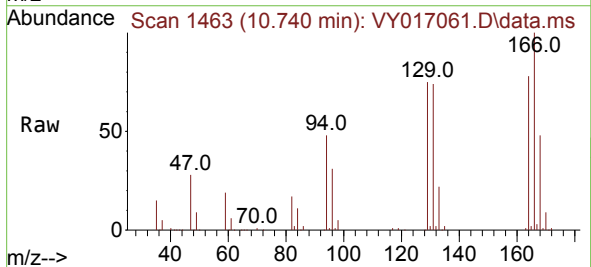
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-19.5-20.0MS

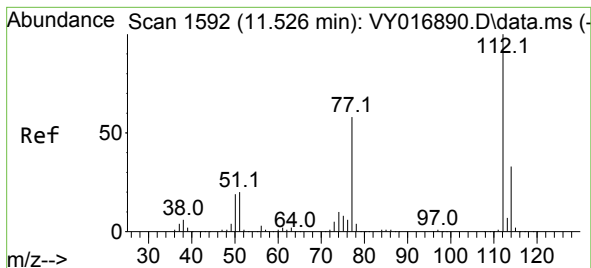
Tgt Ion:117 Resp: 178880
Ion Ratio Lower Upper
117 100
82 55.7 43.8 65.8
119 31.1 26.5 39.7



#64
Tetrachloroethene
Concen: 54.114 ug/l
RT: 10.740 min Scan# 1463
Delta R.T. 0.013 min
Lab File: VY017061.D
Acq: 19 Jan 2024 17:18

Tgt Ion:164 Resp: 62757
Ion Ratio Lower Upper
164 100
166 127.5 98.8 148.2
129 96.0 78.9 118.3
131 94.1 72.5 108.7





#65

Chlorobenzene

Concen: 52.014 ug/l

RT: 11.532 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017061.D

Acq: 19 Jan 2024 17:18

Instrument :

MSVOA_Y

ClientSampleId :

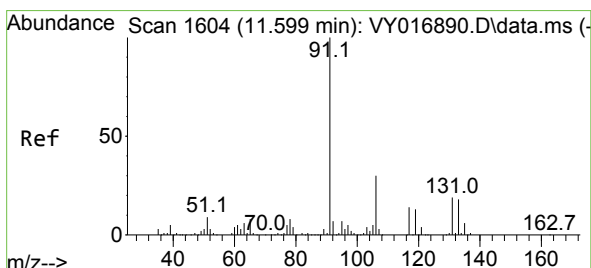
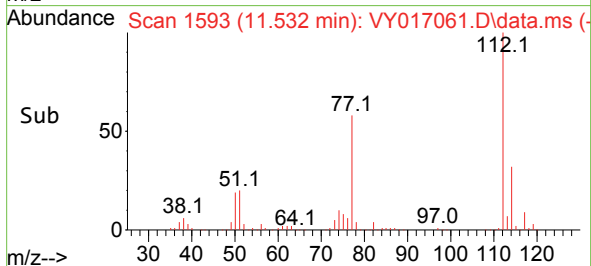
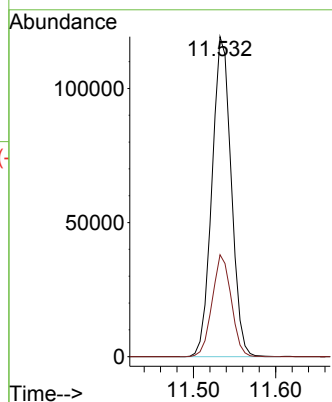
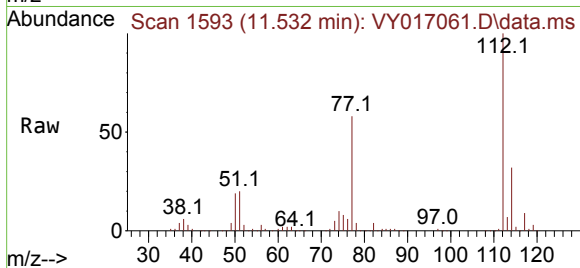
SB-5-19.5-20.0MS

Tgt Ion:112 Resp: 193824

Ion Ratio Lower Upper

112 100

114 31.9 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 50.007 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.006 min

Lab File: VY017061.D

Acq: 19 Jan 2024 17:18

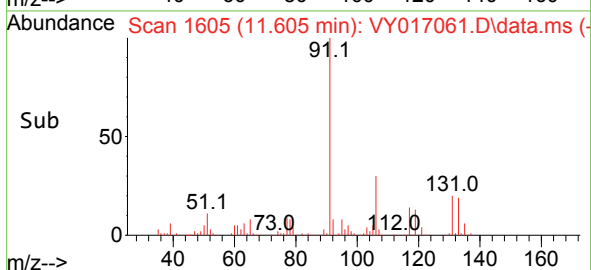
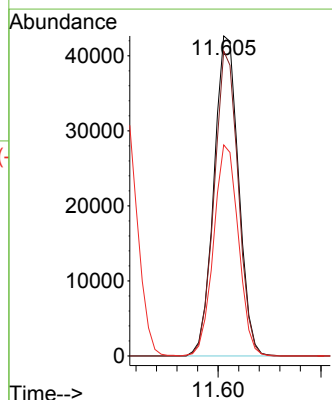
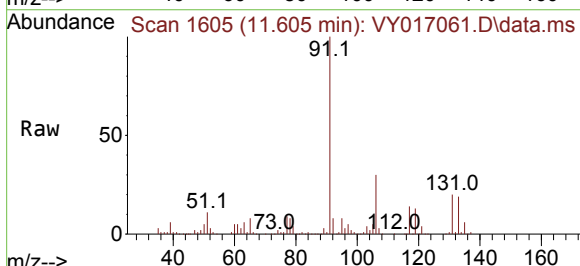
Tgt Ion:131 Resp: 70837

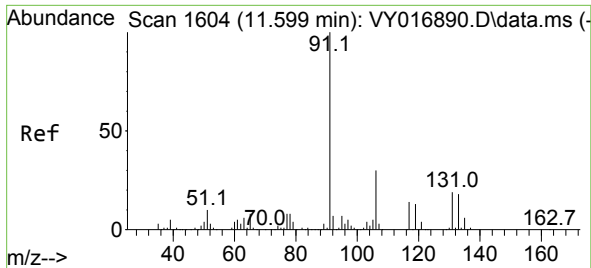
Ion Ratio Lower Upper

131 100

133 93.2 47.0 141.0

119 66.5 33.3 99.9

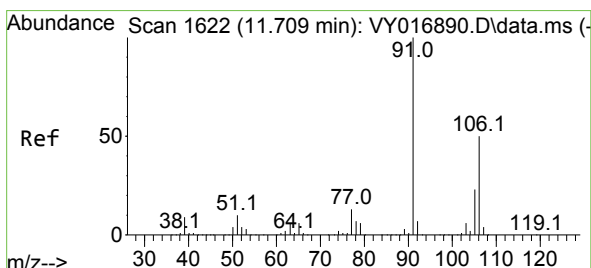
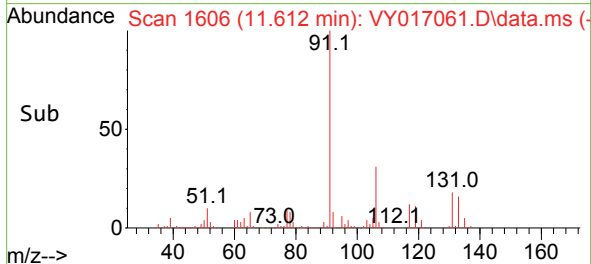
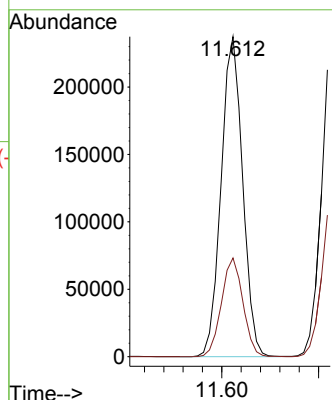
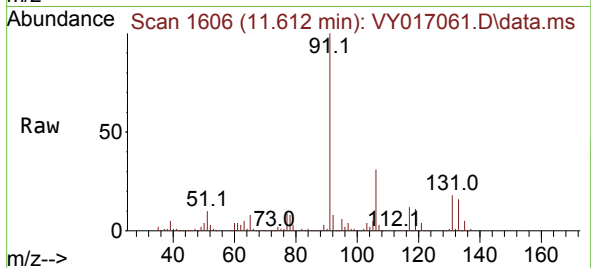




#67
Ethyl Benzene
Concen: 54.468 ug/l
RT: 11.612 min Scan# 1606
Delta R.T. 0.013 min
Lab File: VY017061.D
Acq: 19 Jan 2024 17:18

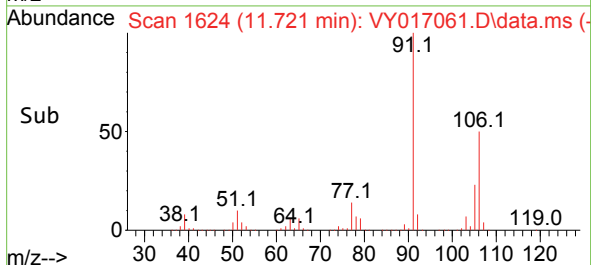
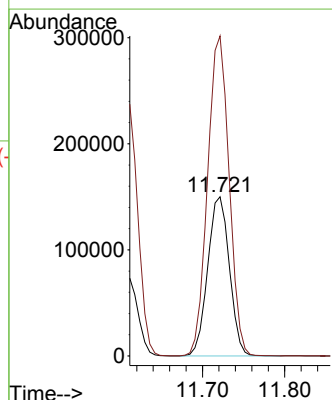
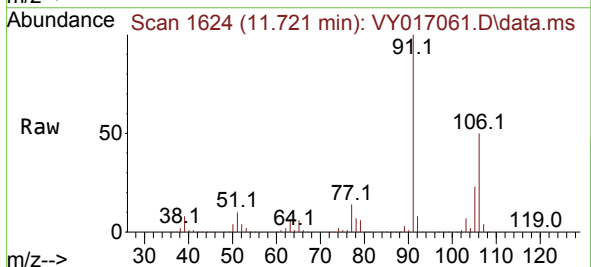
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-19.5-20.0MS

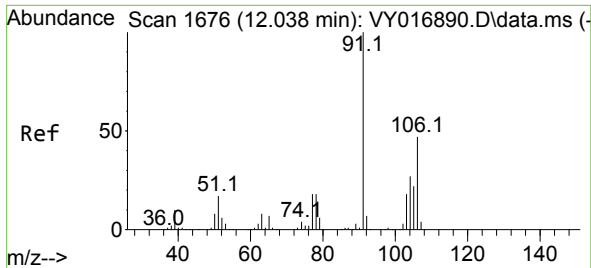
Tgt Ion: 91 Resp: 365415
Ion Ratio Lower Upper
91 100
106 30.9 25.0 37.4



#68
m/p-Xylenes
Concen: 111.577 ug/l
RT: 11.721 min Scan# 1624
Delta R.T. 0.012 min
Lab File: VY017061.D
Acq: 19 Jan 2024 17:18

Tgt Ion:106 Resp: 274762
Ion Ratio Lower Upper
106 100
91 199.7 160.7 241.1

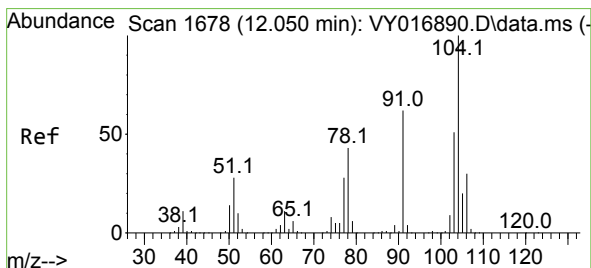
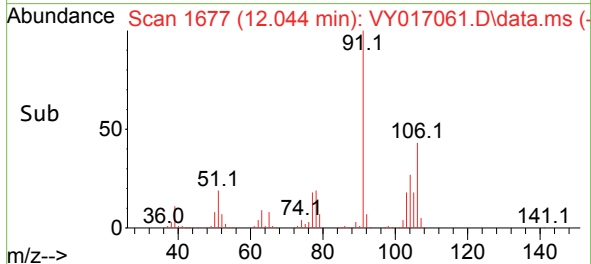
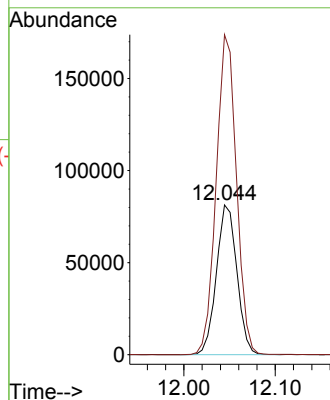
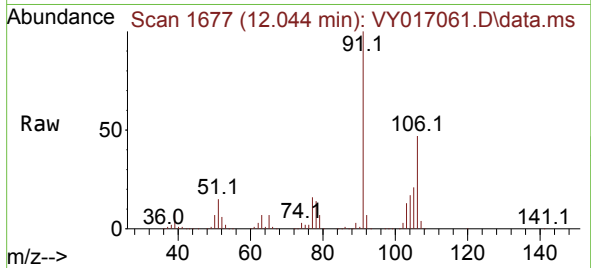




#69
o-Xylene
Concen: 54.900 ug/l
RT: 12.044 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VY017061.D
Acq: 19 Jan 2024 17:18

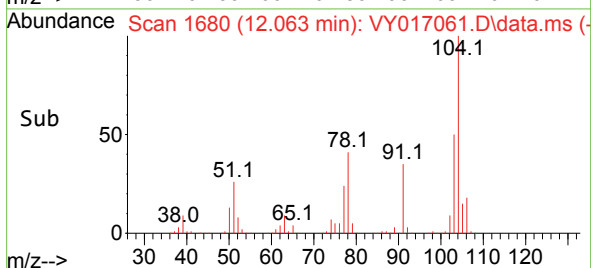
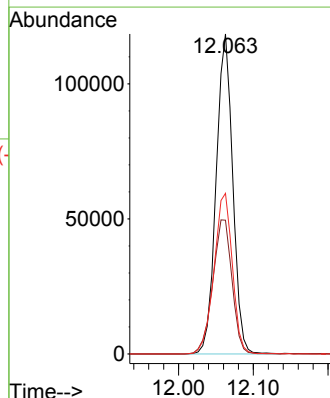
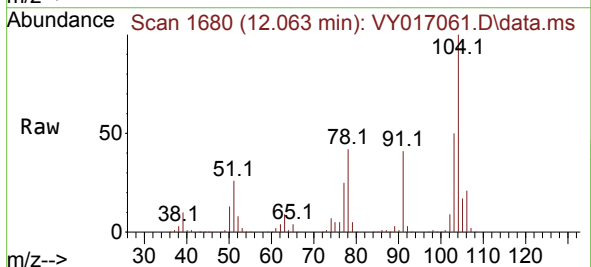
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-19.5-20.0MS

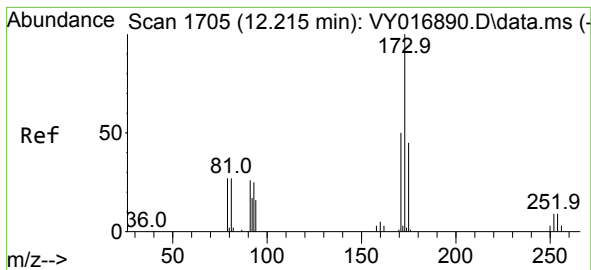
Tgt Ion:106 Resp: 126741
Ion Ratio Lower Upper
106 100
91 211.7 106.5 319.5



#70
Styrene
Concen: 54.587 ug/l
RT: 12.063 min Scan# 1680
Delta R.T. 0.013 min
Lab File: VY017061.D
Acq: 19 Jan 2024 17:18

Tgt Ion:104 Resp: 183409
Ion Ratio Lower Upper
104 100
78 48.6 39.2 58.8
103 55.4 43.8 65.6





#71

Bromoform

Concen: 42.637 ug/l

RT: 12.227 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017061.D

Acq: 19 Jan 2024 17:18

Instrument :

MSVOA_Y

ClientSampleId :

SB-5-19.5-20.0MS

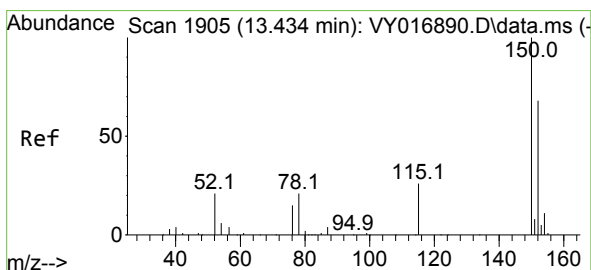
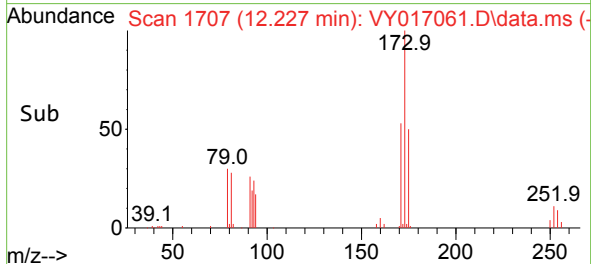
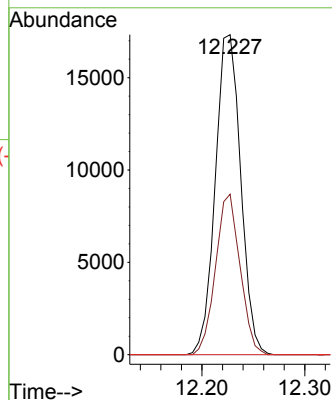
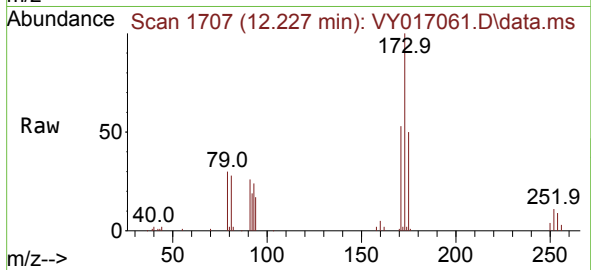
Tgt Ion:173 Resp: 29733

Ion Ratio Lower Upper

173 100

175 48.4 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY017061.D

Acq: 19 Jan 2024 17:18

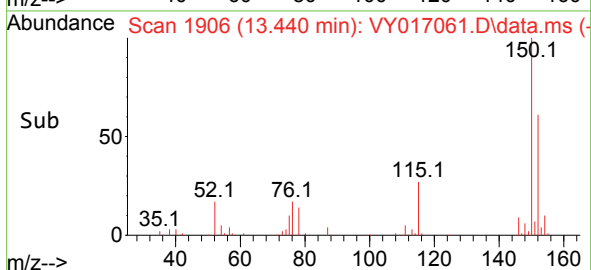
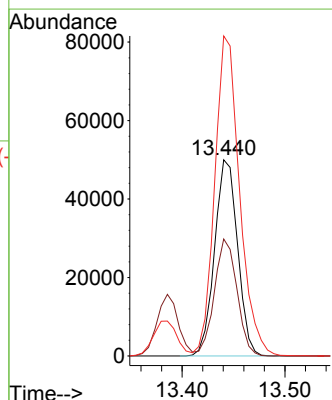
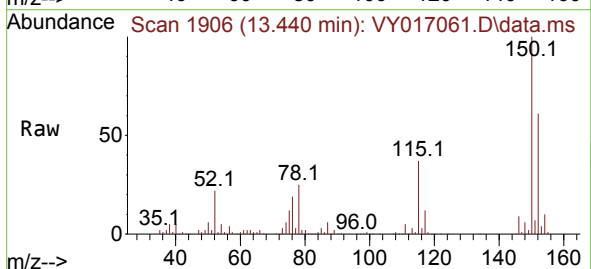
Tgt Ion:152 Resp: 77636

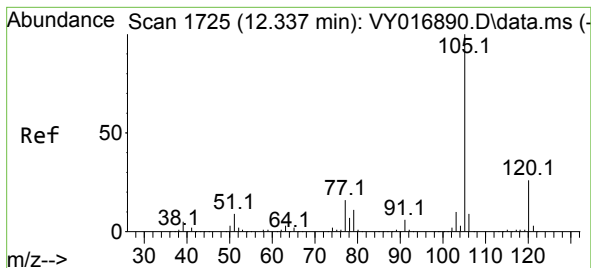
Ion Ratio Lower Upper

152 100

115 58.7 30.0 90.0

150 176.3 0.0 344.6





#73

Isopropylbenzene

Concen: 53.646 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017061.D

Acq: 19 Jan 2024 17:18

Instrument :

MSVOA_Y

ClientSampleId :

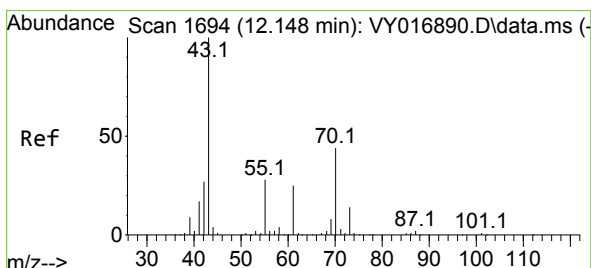
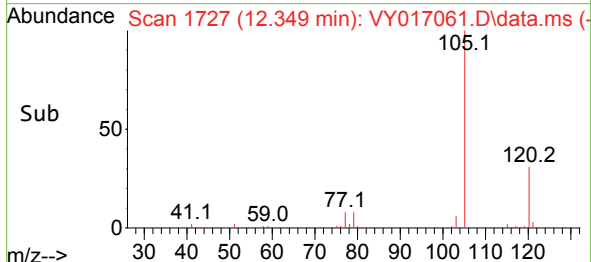
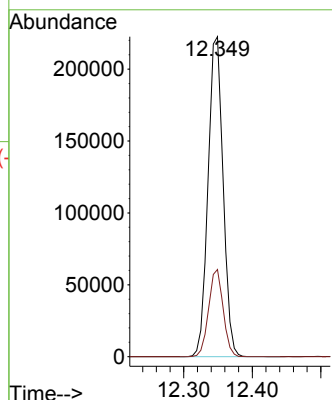
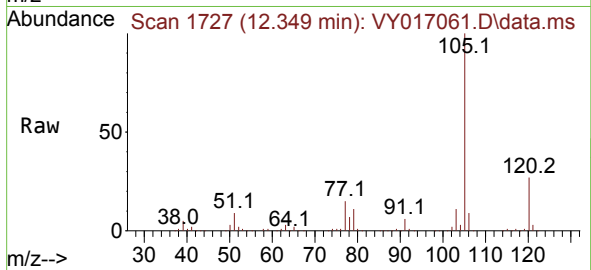
SB-5-19.5-20.0MS

Tgt Ion:105 Resp: 340107

Ion Ratio Lower Upper

105 100

120 26.4 13.0 39.0



#74

N-ethyl acetate

Concen: 43.442 ug/l

RT: 12.160 min Scan# 1696

Delta R.T. 0.006 min

Lab File: VY017061.D

Acq: 19 Jan 2024 17:18

Tgt Ion: 43 Resp: 55334

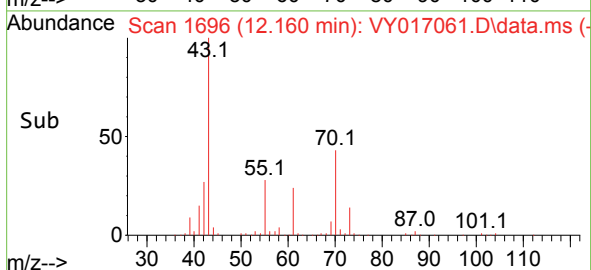
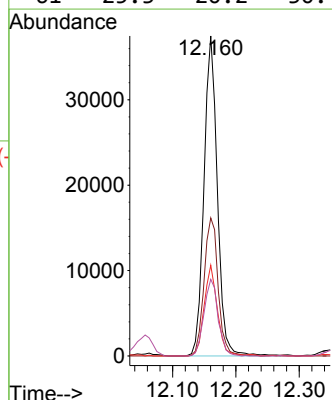
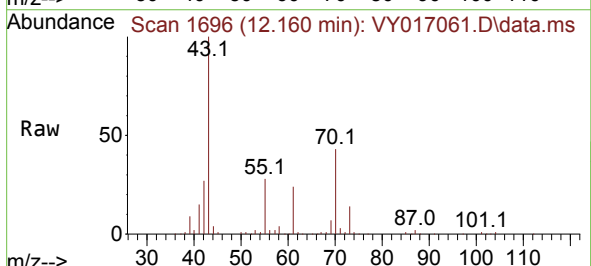
Ion Ratio Lower Upper

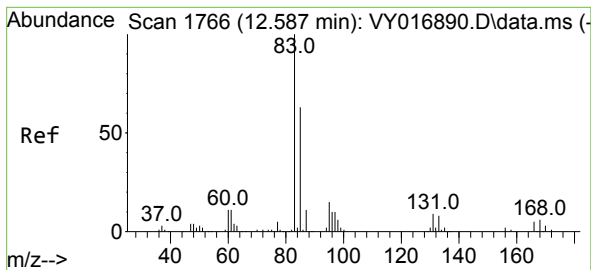
43 100

70 45.4 36.6 55.0

55 27.9 22.2 33.4

61 25.3 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 40.875 ug/l

RT: 12.599 min Scan# 1766

Delta R.T. 0.006 min

Lab File: VY017061.D

Acq: 19 Jan 2024 17:18

Instrument :

MSVOA_Y

ClientSampleId :

SB-5-19.5-20.0MS

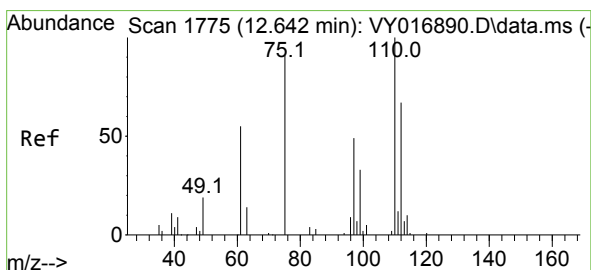
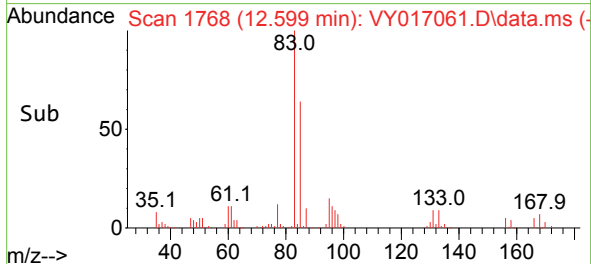
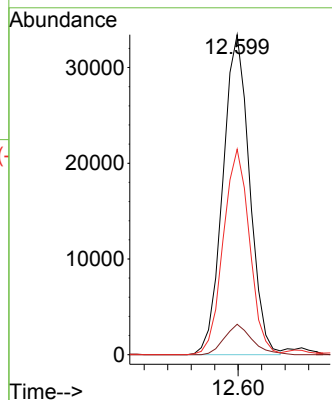
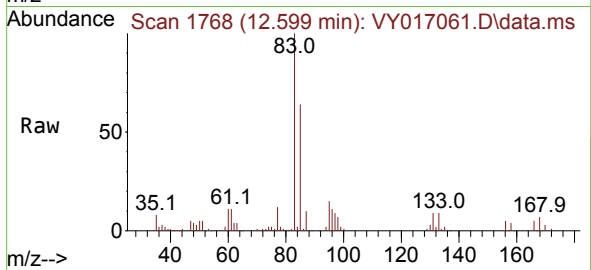
Tgt Ion: 83 Resp: 52800

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.6

85 63.3 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 75.026 ug/l

RT: 12.648 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VY017061.D

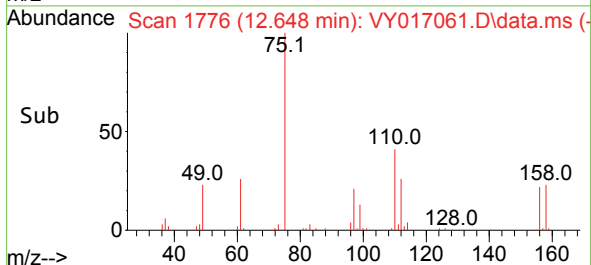
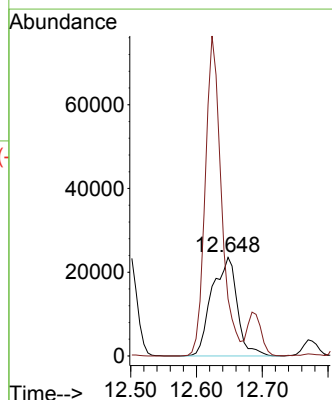
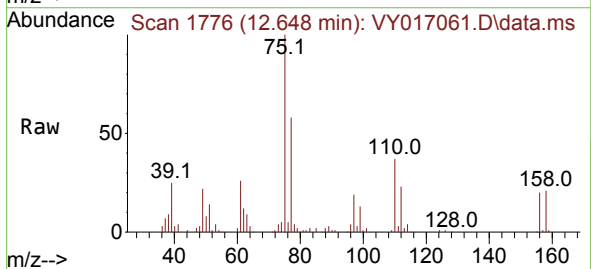
Acq: 19 Jan 2024 17:18

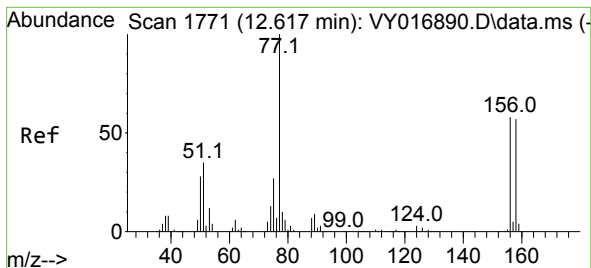
Tgt Ion: 75 Resp: 63209

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.519 ug/l

RT: 12.624 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY017061.D

Acq: 19 Jan 2024 17:18

Instrument :

MSVOA_Y

ClientSampleId :

SB-5-19.5-20.0MS

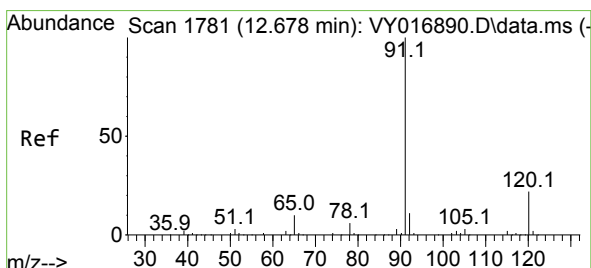
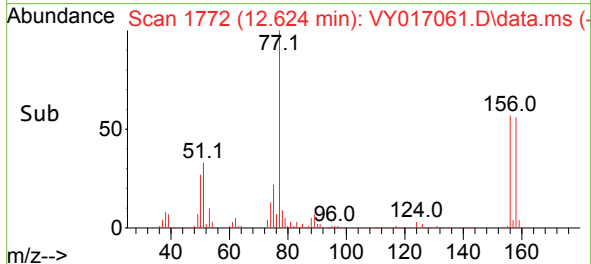
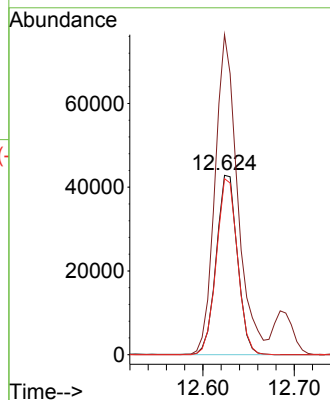
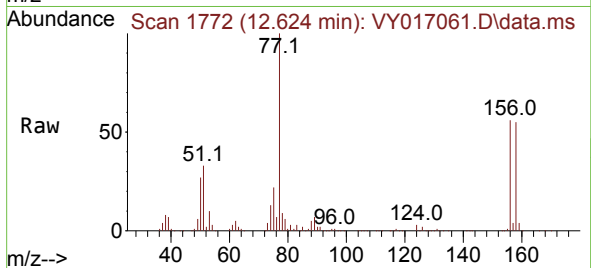
Tgt Ion:156 Resp: 69120

Ion Ratio Lower Upper

156 100

77 189.5 97.3 291.8

158 97.9 48.4 145.0



#78

n-propylbenzene

Concen: 53.740 ug/l

RT: 12.685 min Scan# 1782

Delta R.T. 0.007 min

Lab File: VY017061.D

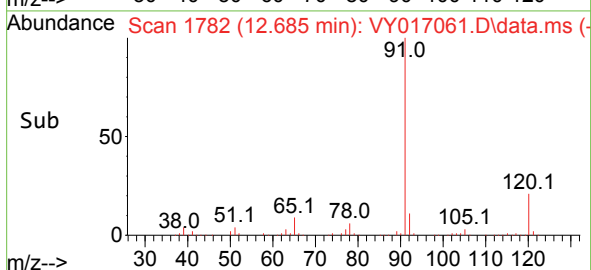
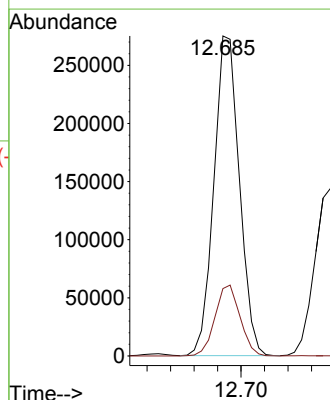
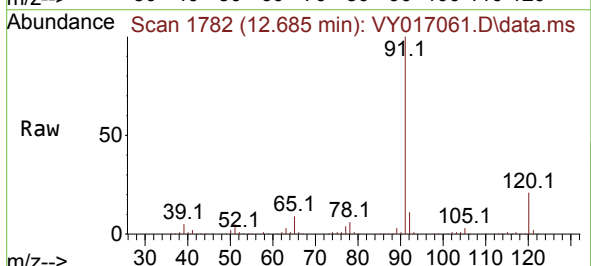
Acq: 19 Jan 2024 17:18

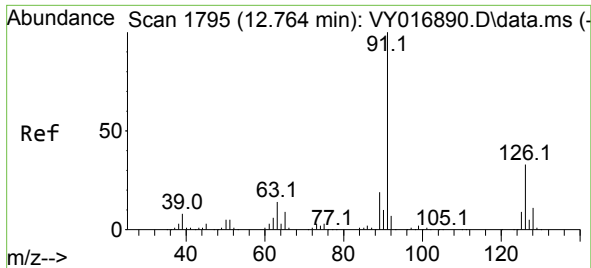
Tgt Ion: 91 Resp: 414191

Ion Ratio Lower Upper

91 100

120 21.8 11.0 33.0

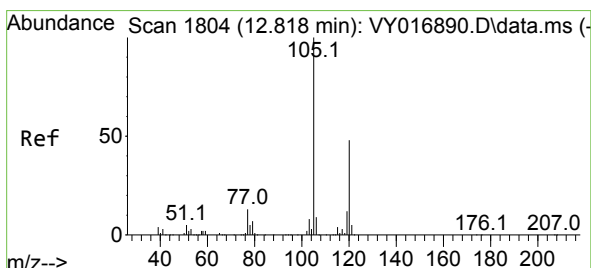
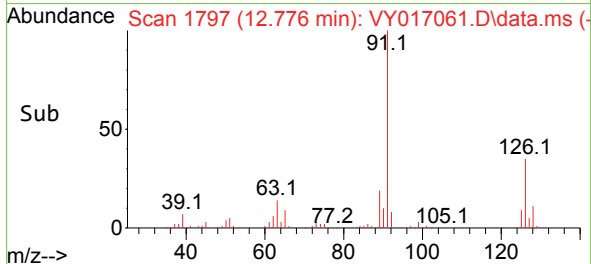
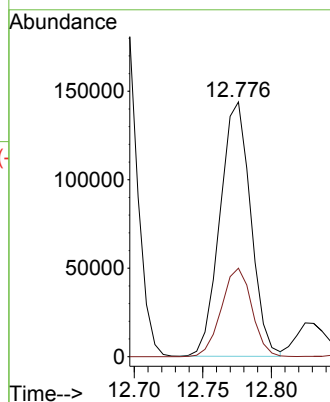
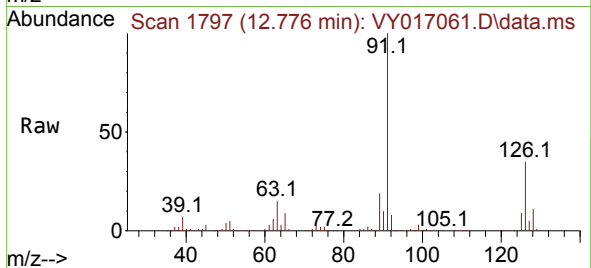




#79
2-Chlorotoluene
Concen: 52.644 ug/l
RT: 12.776 min Scan# 1795
Delta R.T. 0.013 min
Lab File: VY017061.D
Acq: 19 Jan 2024 17:18

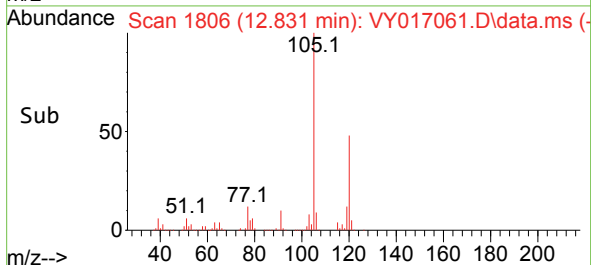
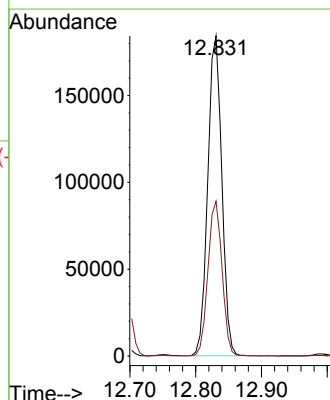
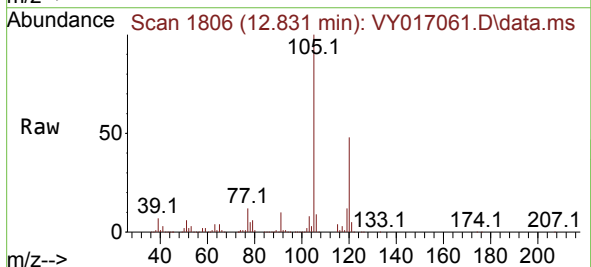
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-19.5-20.0MS

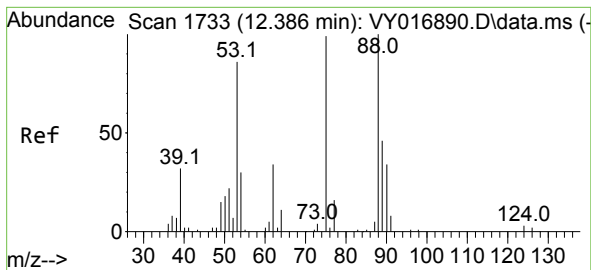
Tgt Ion: 91 Resp: 224994
Ion Ratio Lower Upper
91 100
126 34.4 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 54.637 ug/l
RT: 12.831 min Scan# 1806
Delta R.T. 0.013 min
Lab File: VY017061.D
Acq: 19 Jan 2024 17:18

Tgt Ion: 105 Resp: 273949
Ion Ratio Lower Upper
105 100
120 48.6 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 40.133 ug/l

RT: 12.398 min Scan# 1

Delta R.T. 0.013 min

Lab File: VY017061.D

Acq: 19 Jan 2024 17:18

Instrument :

MSVOA_Y

ClientSampleId :

SB-5-19.5-20.0MS

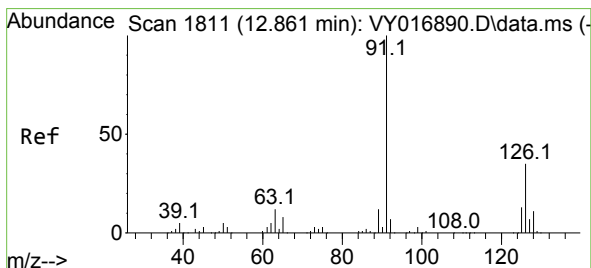
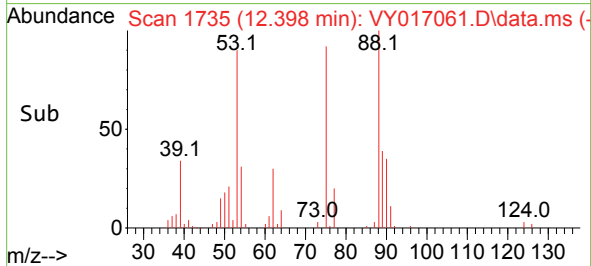
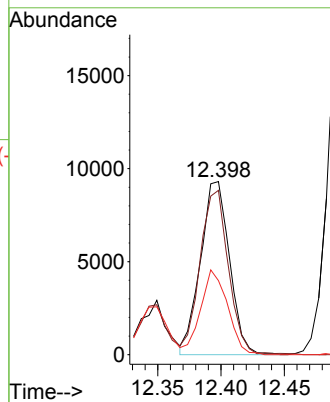
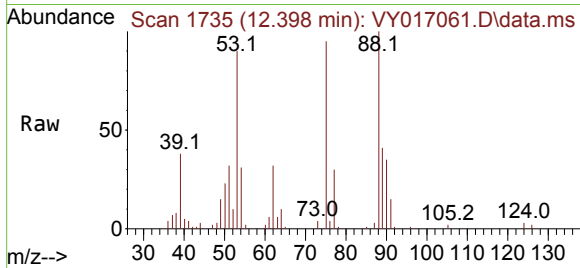
Tgt Ion: 75 Resp: 14890

Ion Ratio Lower Upper

75 100

53 93.0 74.0 111.0

89 45.6 36.5 54.7



#82

4-Chlorotoluene

Concen: 51.904 ug/l

RT: 12.874 min Scan# 1813

Delta R.T. 0.012 min

Lab File: VY017061.D

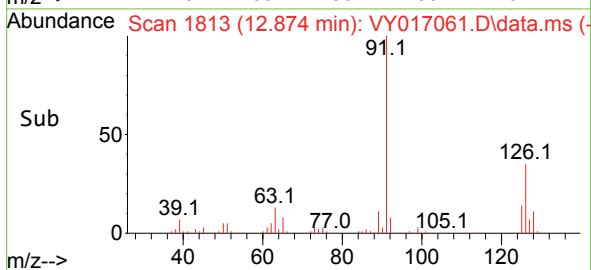
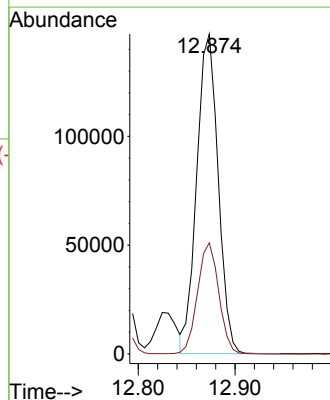
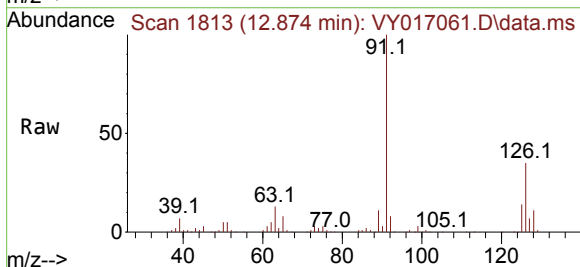
Acq: 19 Jan 2024 17:18

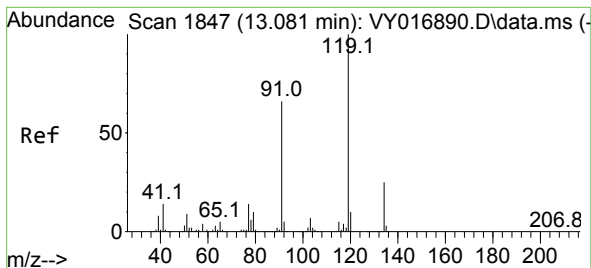
Tgt Ion: 91 Resp: 226631

Ion Ratio Lower Upper

91 100

126 34.5 17.1 51.2





#83

tert-Butylbenzene

Concen: 54.074 ug/l

RT: 13.093 min Scan# 1849

Delta R.T. 0.006 min

Lab File: VY017061.D

Acq: 19 Jan 2024 17:18

Instrument :

MSVOA_Y

ClientSampleId :

SB-5-19.5-20.0MS

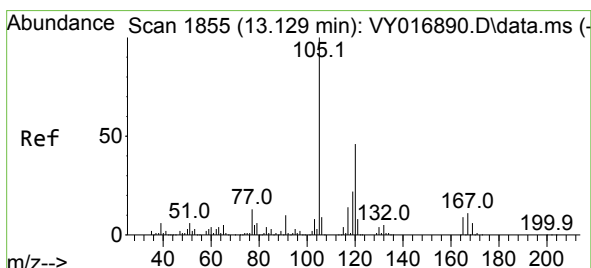
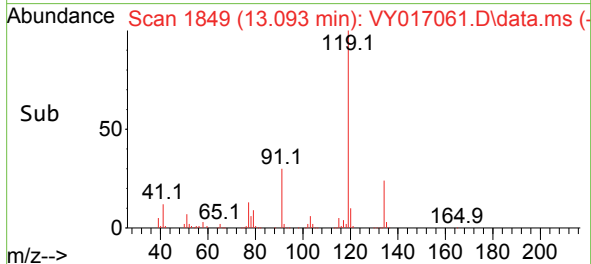
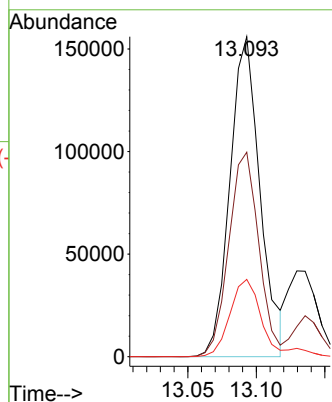
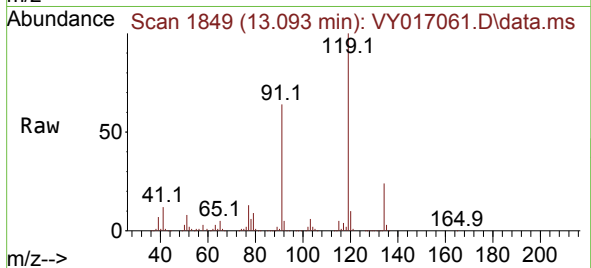
Tgt Ion:119 Resp: 238806

Ion Ratio Lower Upper

119 100

91 63.7 31.5 94.5

134 26.3 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 54.250 ug/l

RT: 13.136 min Scan# 1856

Delta R.T. 0.007 min

Lab File: VY017061.D

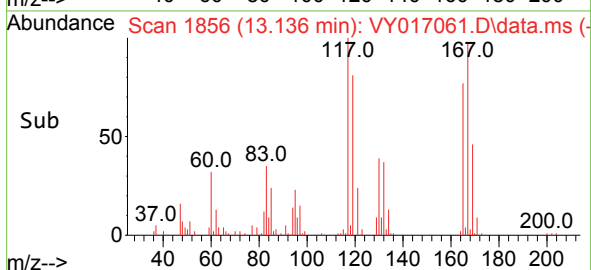
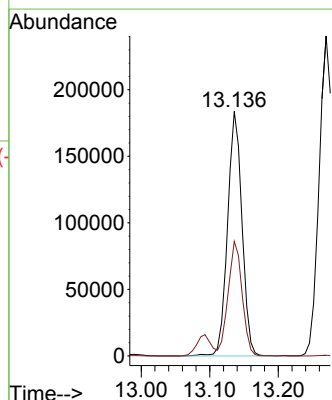
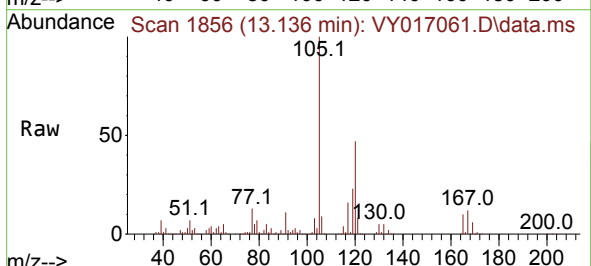
Acq: 19 Jan 2024 17:18

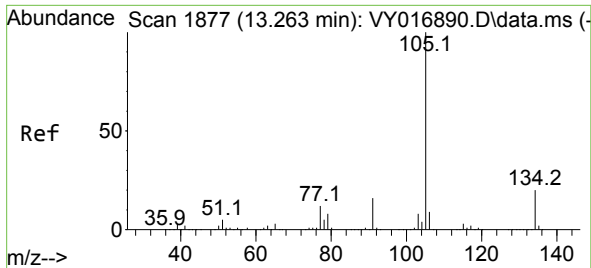
Tgt Ion:105 Resp: 267877

Ion Ratio Lower Upper

105 100

120 45.5 22.1 66.3

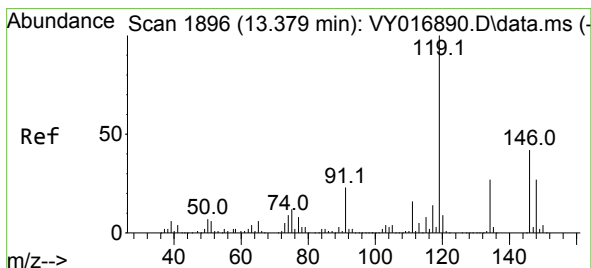
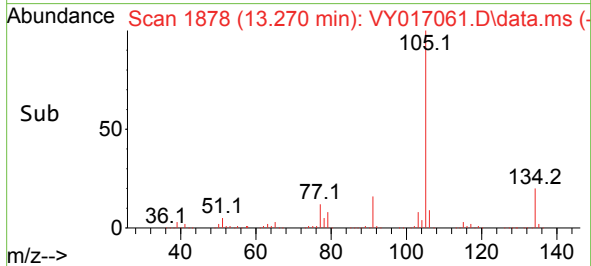
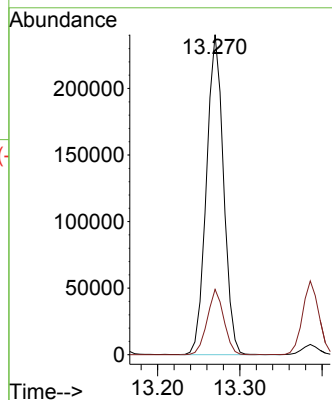
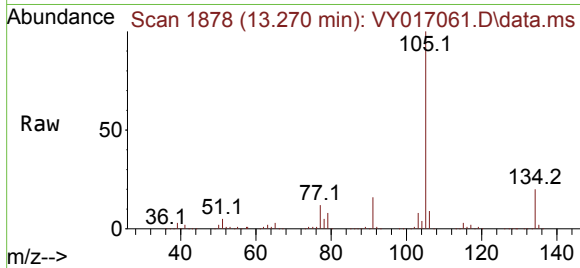




#85
 sec-Butylbenzene
 Concen: 53.047 ug/l
 RT: 13.270 min Scan# 1878
 Delta R.T. 0.007 min
 Lab File: VY017061.D
 Acq: 19 Jan 2024 17:18

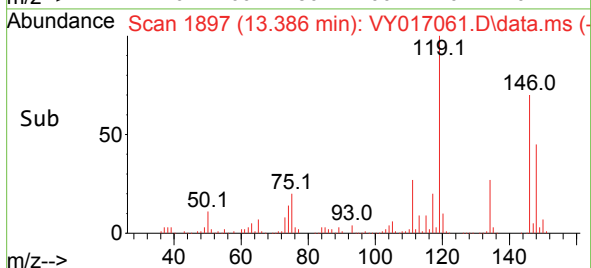
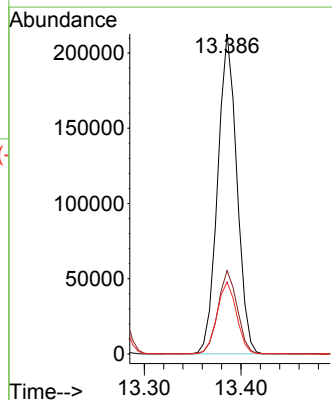
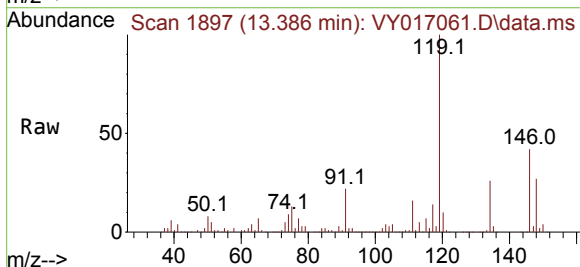
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5-19.5-20.0MS

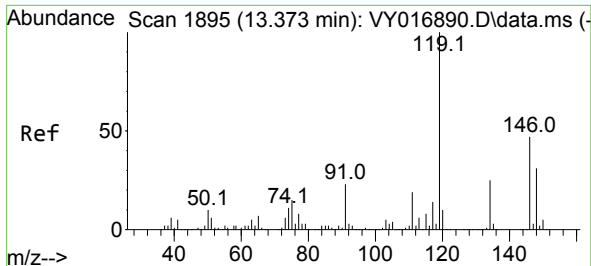
Tgt Ion:105 Resp: 347126
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 54.107 ug/l
 RT: 13.386 min Scan# 1897
 Delta R.T. 0.007 min
 Lab File: VY017061.D
 Acq: 19 Jan 2024 17:18

Tgt Ion:119 Resp: 292208
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.1
 91 22.9 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 50.530 ug/l

RT: 13.386 min Scan# 11

Delta R.T. 0.013 min

Lab File: VY017061.D

Acq: 19 Jan 2024 17:18

Instrument :

MSVOA_Y

ClientSampleId :

SB-5-19.5-20.0MS

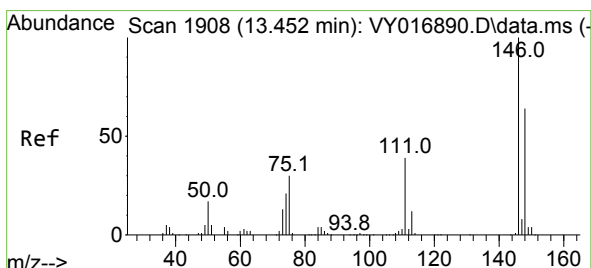
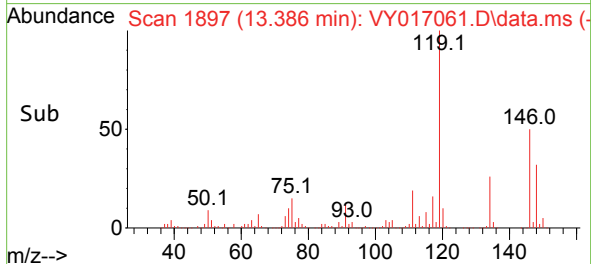
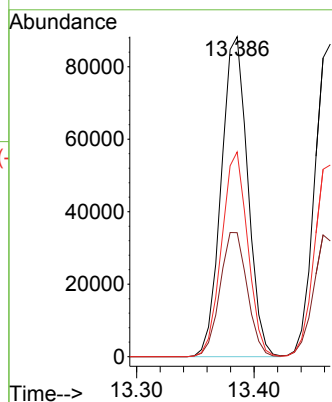
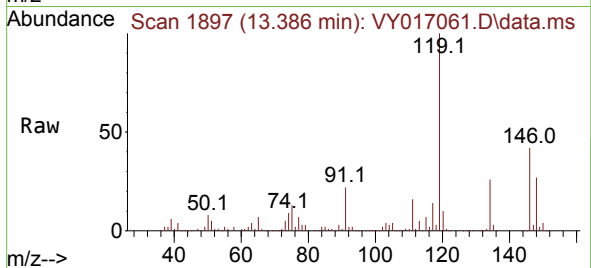
Tgt Ion:146 Resp: 138328

Ion Ratio Lower Upper

146 100

111 39.8 20.2 60.5

148 62.9 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 49.917 ug/l

RT: 13.465 min Scan# 1910

Delta R.T. 0.013 min

Lab File: VY017061.D

Acq: 19 Jan 2024 17:18

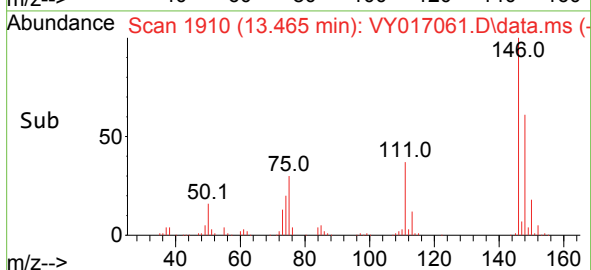
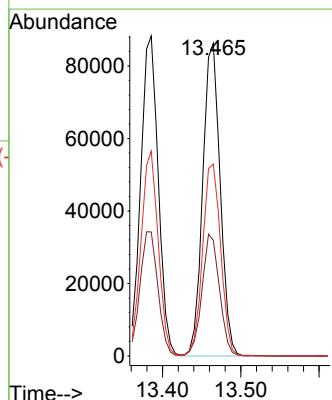
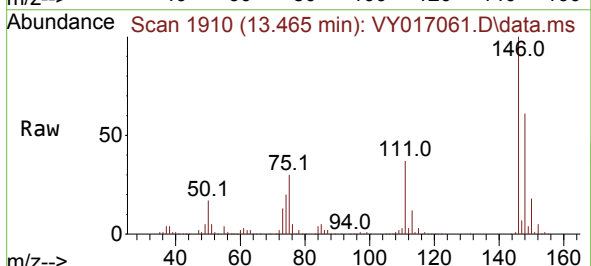
Tgt Ion:146 Resp: 133653

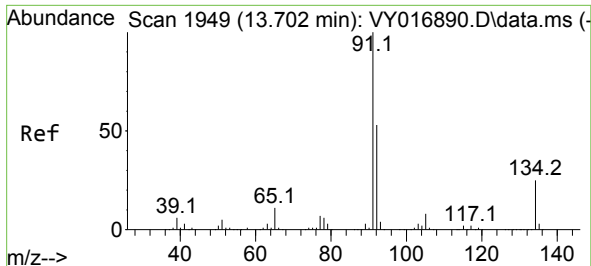
Ion Ratio Lower Upper

146 100

111 39.0 19.3 57.9

148 63.5 31.6 94.7





#89

n-Butylbenzene

Concen: 53.505 ug/l

RT: 13.715 min Scan# 1951

Delta R.T. 0.013 min

Lab File: VY017061.D

Acq: 19 Jan 2024 17:18

Instrument :

MSVOA_Y

ClientSampleId :

SB-5-19.5-20.0MS

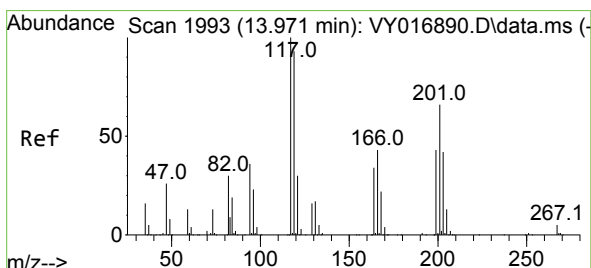
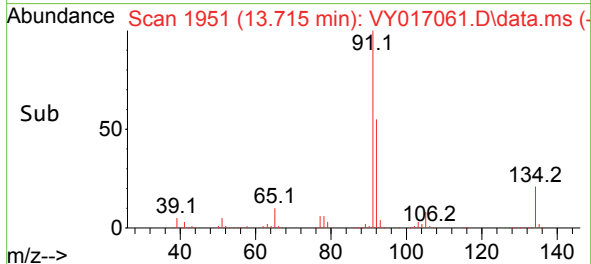
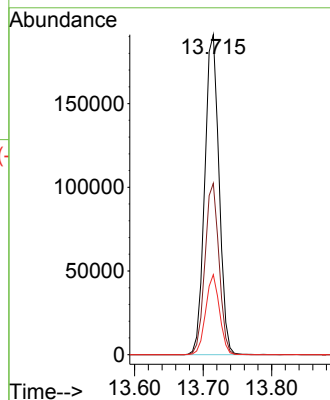
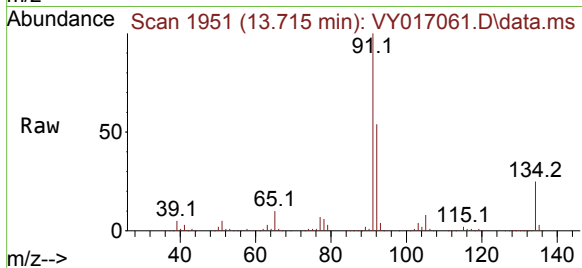
Tgt Ion: 91 Resp: 277824

Ion Ratio Lower Upper

91 100

92 52.9 26.4 79.2

134 24.2 12.3 36.8



#90

Hexachloroethane

Concen: 50.649 ug/l

RT: 13.977 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY017061.D

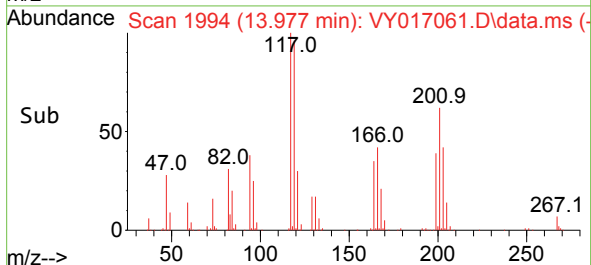
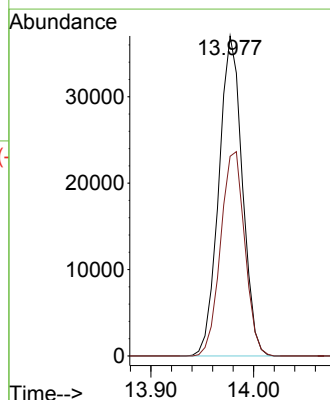
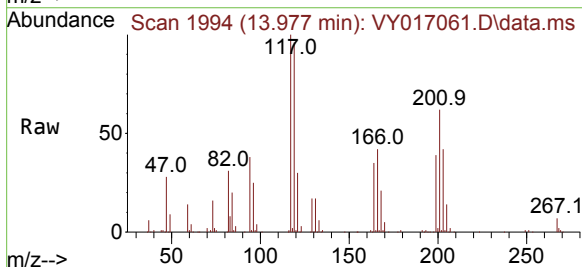
Acq: 19 Jan 2024 17:18

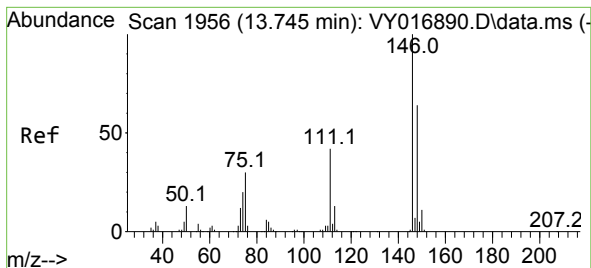
Tgt Ion: 117 Resp: 58777

Ion Ratio Lower Upper

117 100

201 65.6 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 48.917 ug/l

RT: 13.758 min Scan# 1958

Delta R.T. 0.007 min

Lab File: VY017061.D

Acq: 19 Jan 2024 17:18

Instrument :

MSVOA_Y

ClientSampleId :

SB-5-19.5-20.0MS

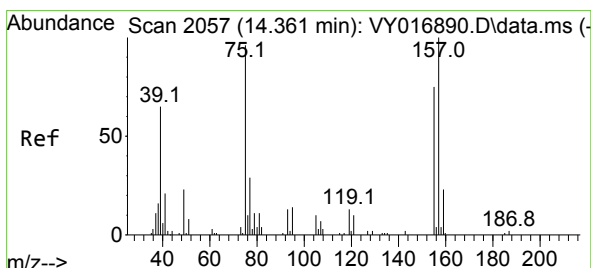
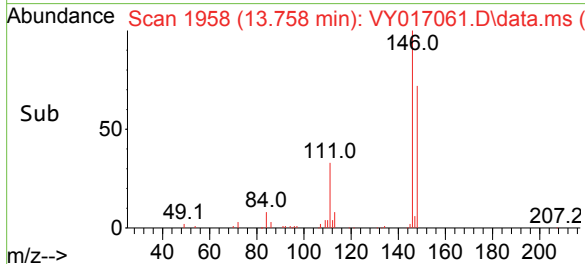
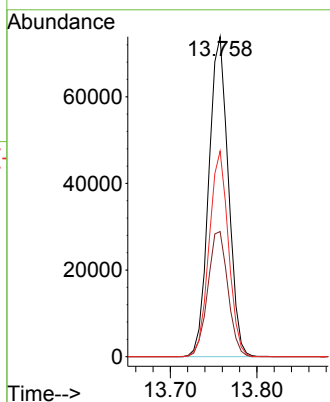
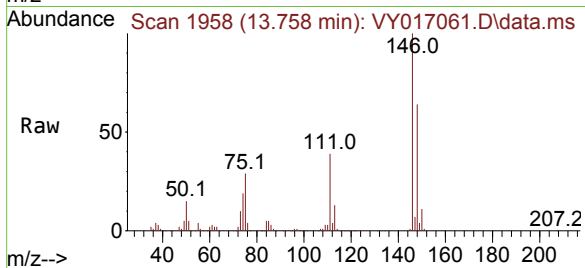
Tgt Ion:146 Resp: 115726

Ion Ratio Lower Upper

146 100

111 40.4 20.5 61.6

148 63.4 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 38.355 ug/l

RT: 14.373 min Scan# 2059

Delta R.T. 0.006 min

Lab File: VY017061.D

Acq: 19 Jan 2024 17:18

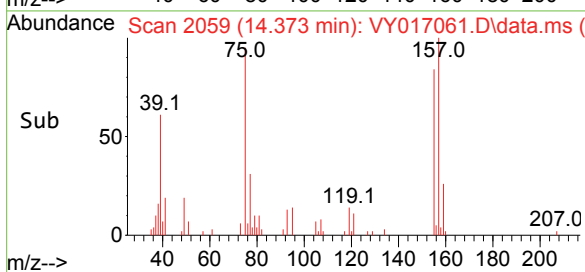
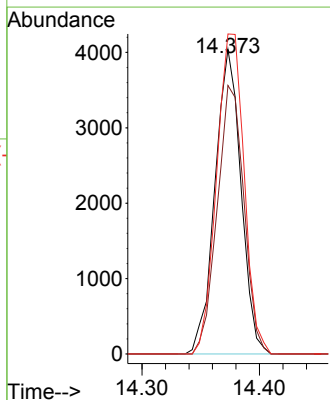
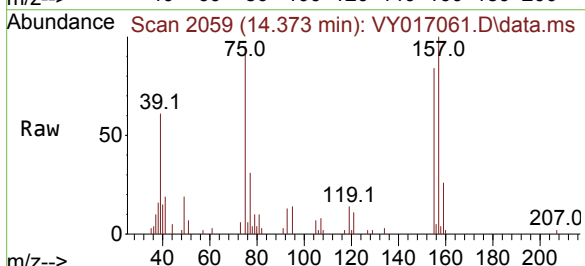
Tgt Ion: 75 Resp: 6213

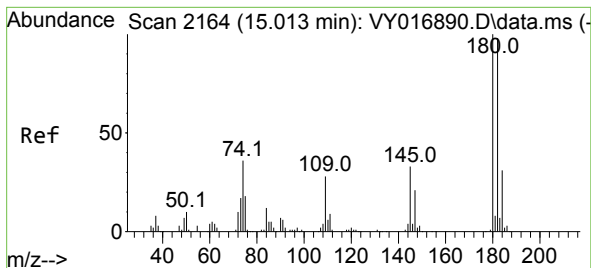
Ion Ratio Lower Upper

75 100

155 90.4 42.1 126.3

157 111.1 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 50.396 ug/l

RT: 15.026 min Scan# 2166

Delta R.T. 0.007 min

Lab File: VY017061.D

Acq: 19 Jan 2024 17:18

Instrument :

MSVOA_Y

ClientSampleId :

SB-5-19.5-20.0MS

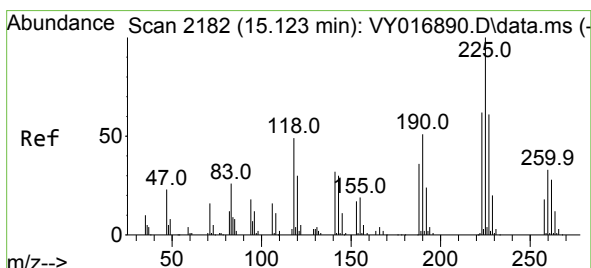
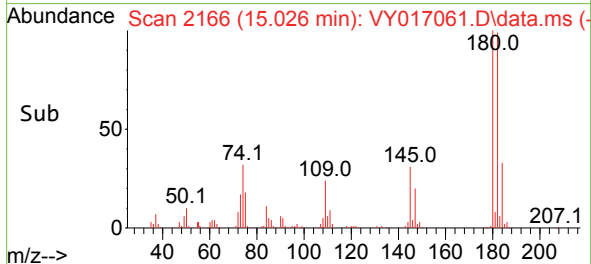
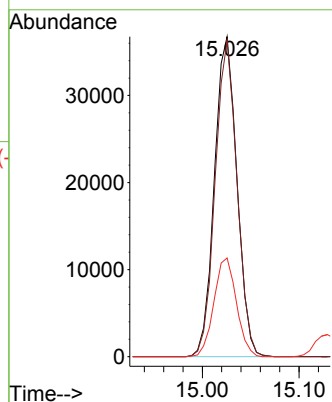
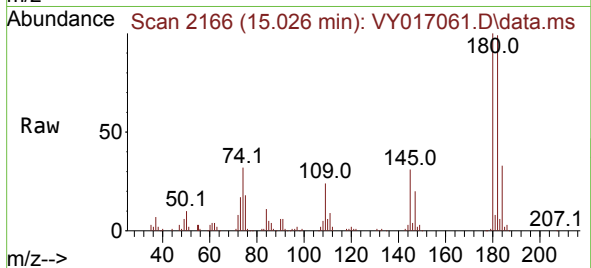
Tgt Ion:180 Resp: 59204

Ion Ratio Lower Upper

180 100

182 95.9 47.9 143.7

145 30.9 15.9 47.7



#94

Hexachlorobutadiene

Concen: 50.155 ug/l

RT: 15.129 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY017061.D

Acq: 19 Jan 2024 17:18

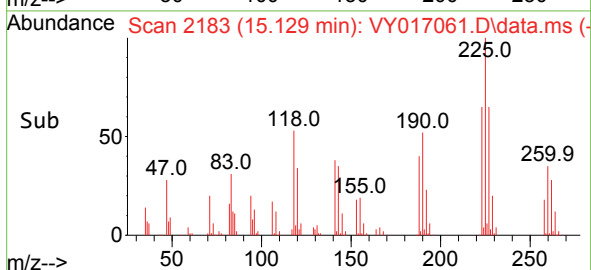
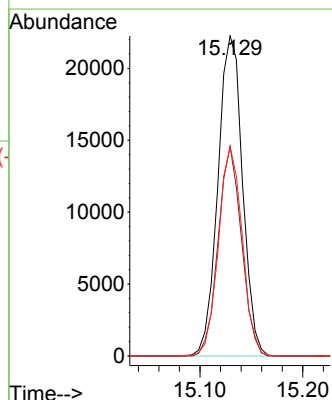
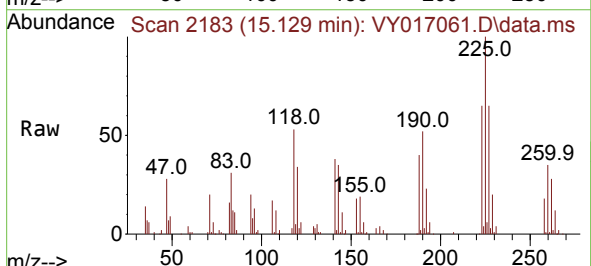
Tgt Ion:225 Resp: 36911

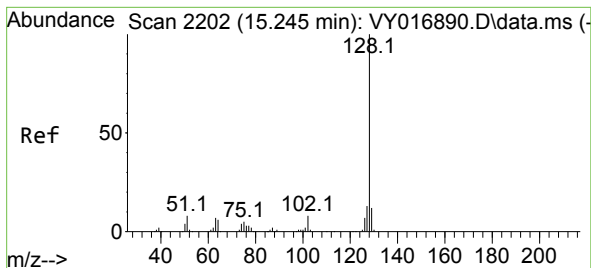
Ion Ratio Lower Upper

225 100

223 62.0 31.4 94.3

227 63.1 32.3 96.8





#95

Naphthalene

Concen: 46.185 ug/l

RT: 15.257 min Scan# 2204

Delta R.T. 0.012 min

Lab File: VY017061.D

Acq: 19 Jan 2024 17:18

Instrument :

MSVOA_Y

ClientSampleId :

SB-5-19.5-20.0MS

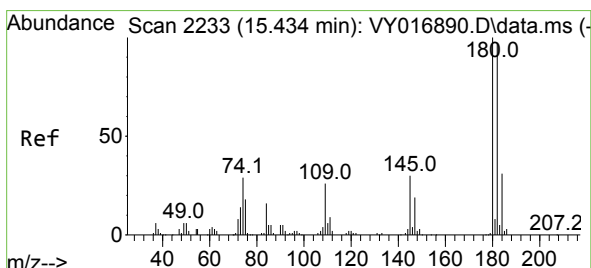
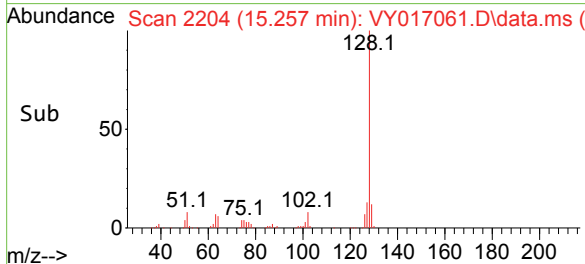
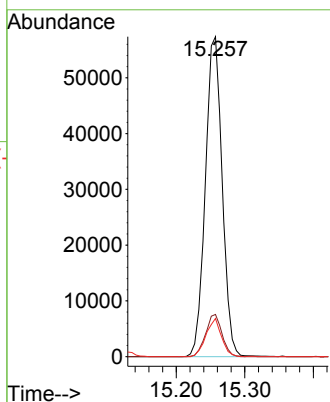
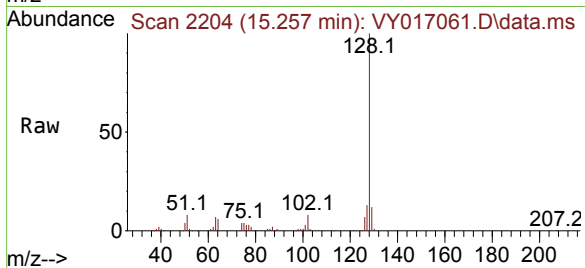
Tgt Ion:128 Resp: 97970

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 11.0 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 48.711 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY017061.D

Acq: 19 Jan 2024 17:18

Tgt Ion:180 Resp: 48589

Ion Ratio Lower Upper

180 100

182 95.3 46.3 138.8

145 32.8 16.1 48.2

