

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012224\
 Data File : VY017065.D
 Acq On : 22 Jan 2024 09:51
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 23 01:41:30 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	7.819	168	151292	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.722	114	246860	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.514	117	208209	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.453	152	89898	50.000	ug/l	0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	64789	43.328	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.660%
35) Dibromofluoromethane	7.746	113	76392	48.562	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.120%
50) Toluene-d8	10.209	98	252817	46.672	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.340%
62) 4-Bromofluorobenzene	12.508	95	86568	47.367	ug/l	0.02
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.740%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.918	85	62088	55.145	ug/l	98
3) Chloromethane	2.131	50	98403	55.368	ug/l	97
4) Vinyl Chloride	2.272	62	115095	54.902	ug/l	100
5) Bromomethane	2.674	94	79612	53.010	ug/l	97
6) Chloroethane	2.820	64	73947	52.146	ug/l	99
7) Trichlorofluoromethane	3.156	101	129620	50.182	ug/l	100
8) Diethyl Ether	3.558	74	38312	46.412	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.930	101	81867	48.745	ug/l	99
10) Methyl Iodide	4.125	142	82135	57.485	ug/l	99
11) Tert butyl alcohol	4.985	59	21207	186.523	ug/l	99
12) 1,1-Dichloroethene	3.905	96	75086	52.107	ug/l	97
13) Acrolein	3.759	56	26635	160.525	ug/l	99
14) Allyl chloride	4.515	41	113971	50.030	ug/l	99
15) Acrylonitrile	5.198	53	83755	216.918	ug/l	98
16) Acetone	3.973	43	87949	237.430	ug/l	99
17) Carbon Disulfide	4.229	76	226999	65.928	ug/l	99
18) Methyl Acetate	4.509	43	80903	50.500	ug/l	100
19) Methyl tert-butyl Ether	5.259	73	172027	45.887	ug/l	99
20) Methylene Chloride	4.759	84	81280	40.375	ug/l	94
21) trans-1,2-Dichloroethene	5.265	96	87570	53.060	ug/l	97
22) Diisopropyl ether	6.155	45	249517	47.377	ug/l	96
23) Vinyl Acetate	6.094	43	534160	221.195	ug/l	99
24) 1,1-Dichloroethane	6.051	63	150425	47.529	ug/l	98
25) 2-Butanone	7.021	43	112614	219.506	ug/l	96
26) 2,2-Dichloropropane	7.015	77	131386	47.879	ug/l	99
27) cis-1,2-Dichloroethene	7.021	96	96496	49.878	ug/l	100
28) Bromochloromethane	7.368	49	62583	52.672	ug/l	96
29) Tetrahydrofuran	7.380	42	65498	216.418	ug/l	98
30) Chloroform	7.539	83	152168	46.656	ug/l	97
31) Cyclohexane	7.819	56	136835	53.317	ug/l	99
32) 1,1,1-Trichloroethane	7.734	97	134410	48.604	ug/l	100
36) 1,1-Dichloropropene	7.954	75	120747	52.669	ug/l	99
37) Ethyl Acetate	7.106	43	43761	42.004	ug/l	99
38) Carbon Tetrachloride	7.935	117	119804	51.436	ug/l	100
39) Methylcyclohexane	9.215	83	150325	58.328	ug/l	98
40) Benzene	8.191	78	348730	50.709	ug/l	99

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 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	22299	40.640	ug/l #	85
42) 1,2-Dichloroethane	8.271	62	86275	47.255	ug/l	99
43) Isopropyl Acetate	8.301	43	87465	43.840	ug/l	99
44) Trichloroethene	8.972	130	91352	52.203	ug/l	95
45) 1,2-Dichloropropane	9.246	63	84538	47.715	ug/l	97
46) Dibromomethane	9.331	93	42956	47.540	ug/l	100
47) Bromodichloromethane	9.526	83	114319	47.115	ug/l	95
48) Methyl methacrylate	9.319	41	50305	46.722	ug/l	98
49) 1,4-Dioxane	9.325	88	7906	845.028	ug/l	97
51) 4-Methyl-2-Pentanone	10.093	43	231648	218.326	ug/l	98
52) Toluene	10.270	92	216043	52.054	ug/l	100
53) t-1,3-Dichloropropene	10.490	75	104114	47.904	ug/l	99
54) cis-1,3-Dichloropropene	9.953	75	129285	49.533	ug/l	97
55) 1,1,2-Trichloroethane	10.673	97	59263	44.894	ug/l	99
56) Ethyl methacrylate	10.532	69	53403	47.762	ug/l	99
57) 1,3-Dichloropropane	10.819	76	103091	46.775	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.807	63	135665	196.810	ug/l	100
59) 2-Hexanone	10.855	43	166102	212.608	ug/l	99
60) Dibromochloromethane	11.008	129	70463	46.287	ug/l	99
61) 1,2-Dibromoethane	11.118	107	54748	47.735	ug/l	100
64) Tetrachloroethene	10.746	164	72364	53.609	ug/l	99
65) Chlorobenzene	11.544	112	218856	50.458	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.617	131	79681	48.326	ug/l	99
67) Ethyl Benzene	11.617	91	412893	52.876	ug/l	100
68) m/p-Xylenes	11.727	106	308920	107.777	ug/l	99
69) o-Xylene	12.056	106	141093	52.508	ug/l	99
70) Styrene	12.069	104	203832	52.120	ug/l	99
71) Bromoform	12.233	173	38157	47.009	ug/l #	97
73) Isopropylbenzene	12.355	105	387242	52.750	ug/l	100
74) N-amyl acetate	12.166	43	66171	44.864	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.605	83	64739	43.281	ug/l	99
76) 1,2,3-Trichloropropane	12.660	75	79908	81.910	ug/l #	100
77) Bromobenzene	12.636	156	80929	50.071	ug/l	97
78) n-propylbenzene	12.697	91	467851	52.422	ug/l	99
79) 2-Chlorotoluene	12.782	91	249293	50.373	ug/l	99
80) 1,3,5-Trimethylbenzene	12.837	105	308259	53.094	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.404	75	19328	44.989	ug/l	98
82) 4-Chlorotoluene	12.879	91	256631	50.758	ug/l	99
83) tert-Butylbenzene	13.099	119	266518	52.118	ug/l	98
84) 1,2,4-Trimethylbenzene	13.148	105	301572	52.743	ug/l	99
85) sec-Butylbenzene	13.276	105	397201	52.420	ug/l	100
86) p-Isopropyltoluene	13.392	119	330538	52.856	ug/l	99
87) 1,3-Dichlorobenzene	13.392	146	157081	49.554	ug/l	99
88) 1,4-Dichlorobenzene	13.471	146	152160	49.077	ug/l	99
89) n-Butylbenzene	13.721	91	318613	52.991	ug/l	100
90) Hexachloroethane	13.983	117	65899	49.040	ug/l	99
91) 1,2-Dichlorobenzene	13.763	146	131614	48.045	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.379	75	7769	41.419	ug/l	96
93) 1,2,4-Trichlorobenzene	15.031	180	69512	51.099	ug/l	99
94) Hexachlorobutadiene	15.135	225	43147	50.631	ug/l	99
95) Naphthalene	15.263	128	121601	49.139	ug/l	100
96) 1,2,3-Trichlorobenzene	15.452	180	56197	48.653	ug/l	97

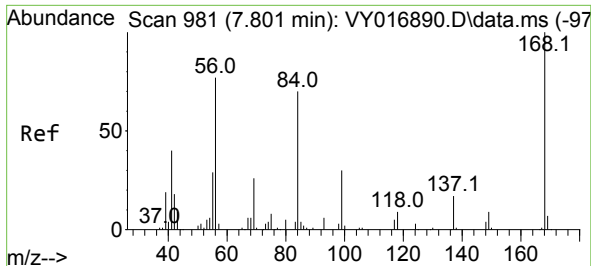
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012224\
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Response via : Initial Calibration

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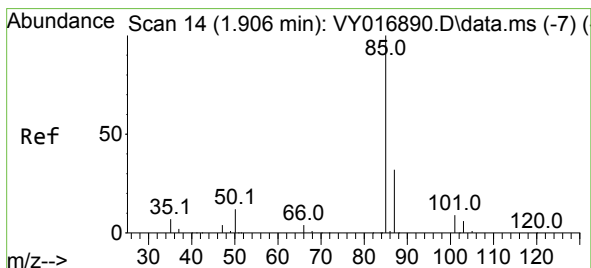
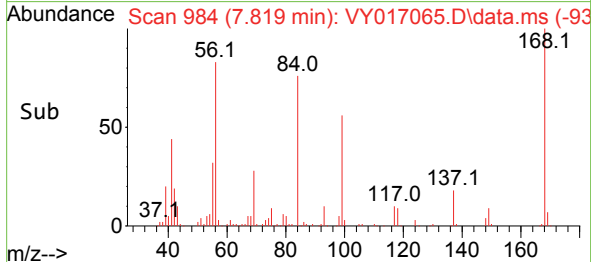
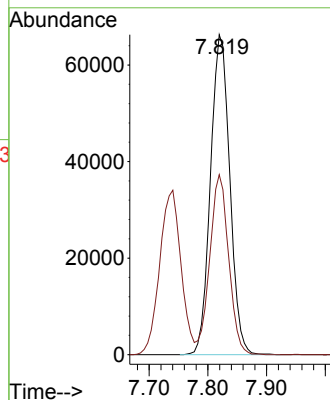
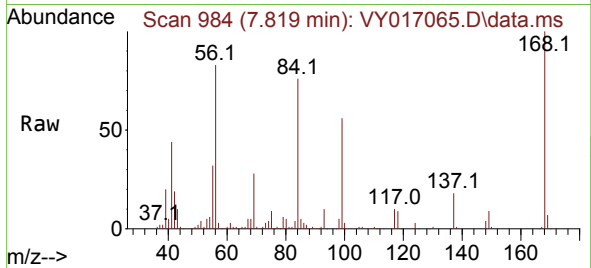
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017065.D
Acq: 22 Jan 2024 09:51

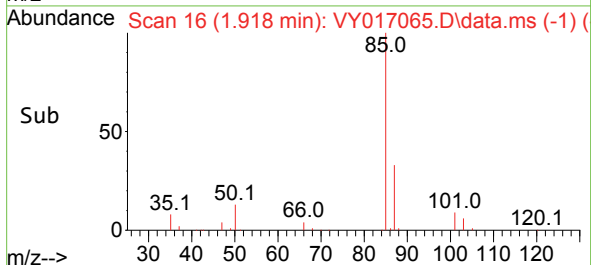
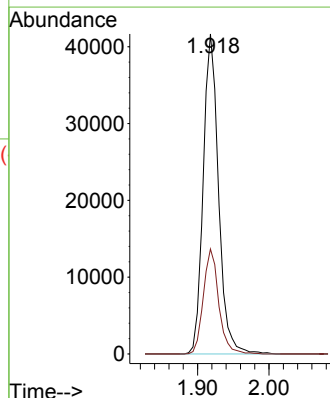
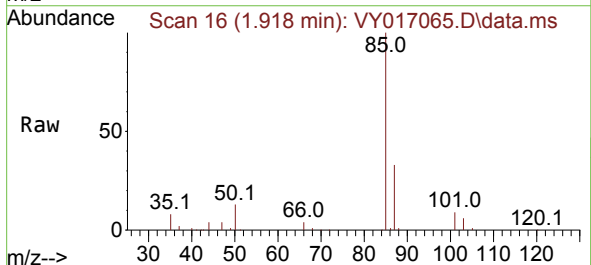
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MSVOA_Y
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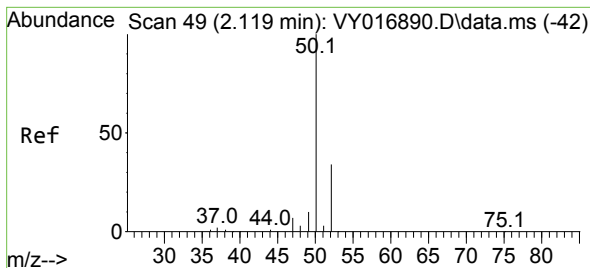
Tgt Ion:168 Resp: 151292
Ion Ratio Lower Upper
168 100
99 56.3 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 55.145 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.006 min
Lab File: VY017065.D
Acq: 22 Jan 2024 09:51

Tgt Ion: 85 Resp: 62088
Ion Ratio Lower Upper
85 100
87 32.8 17.1 51.3





#3

Chloromethane

Concen: 55.368 ug/l

RT: 2.131 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY017065.D

Acq: 22 Jan 2024 09:51

Instrument :

MSVOA_Y

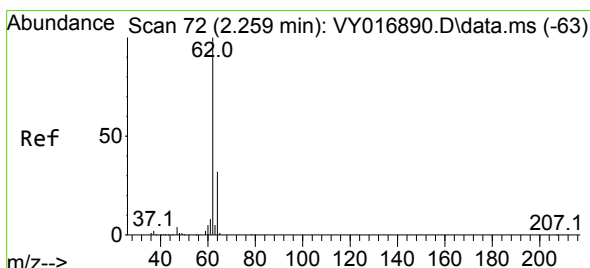
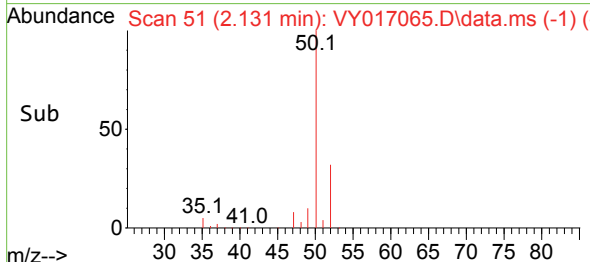
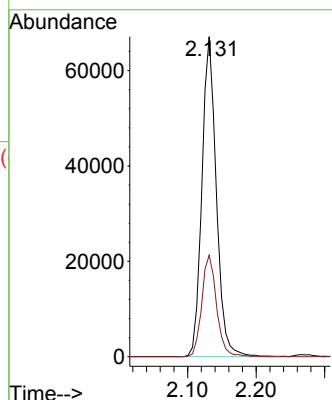
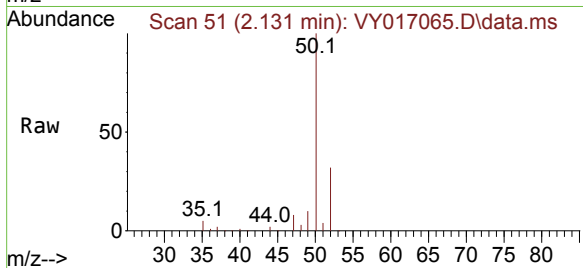
ClientSampleId :

Tgt Ion: 50 Resp: 98403

Ion Ratio Lower Upper

50 100

52 31.7 26.7 40.1



#4

Vinyl Chloride

Concen: 54.902 ug/l

RT: 2.272 min Scan# 74

Delta R.T. 0.013 min

Lab File: VY017065.D

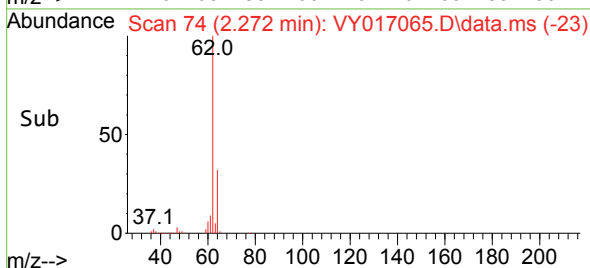
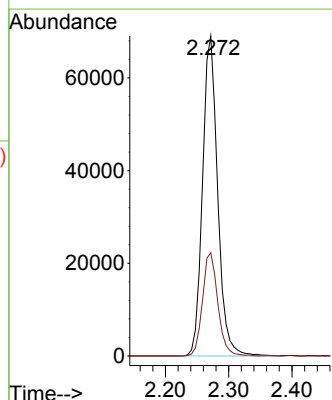
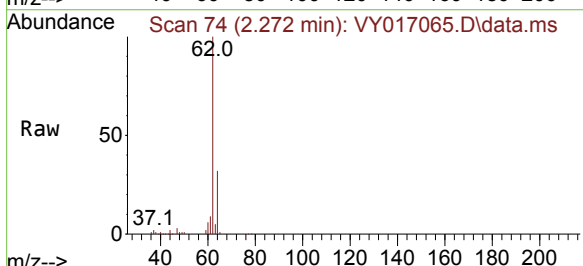
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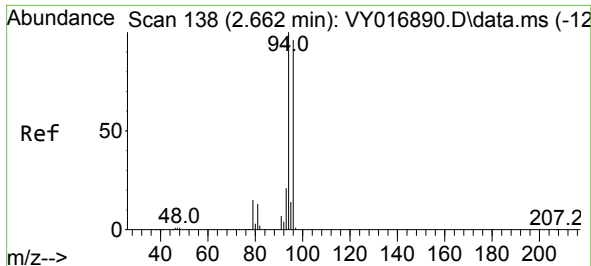
Tgt Ion: 62 Resp: 115095

Ion Ratio Lower Upper

62 100

64 32.3 25.7 38.5





#5

Bromomethane

Concen: 53.010 ug/l

RT: 2.674 min Scan# 14

Delta R.T. 0.012 min

Lab File: VY017065.D

Acq: 22 Jan 2024 09:51

Instrument :

MSVOA_Y

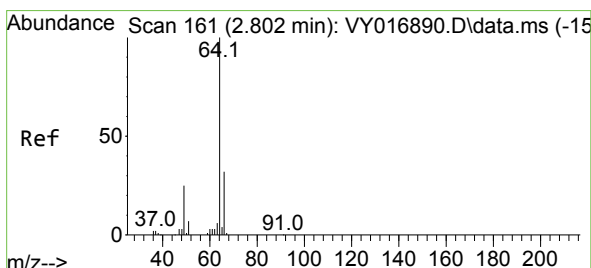
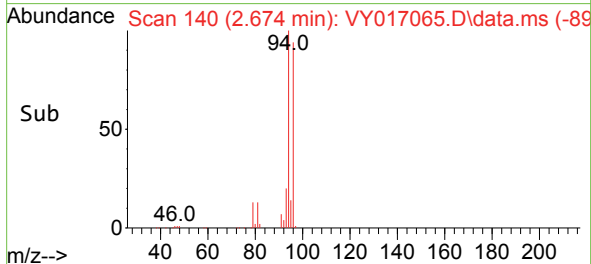
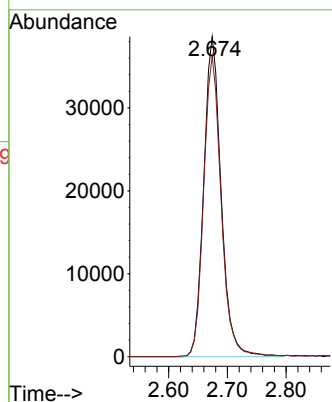
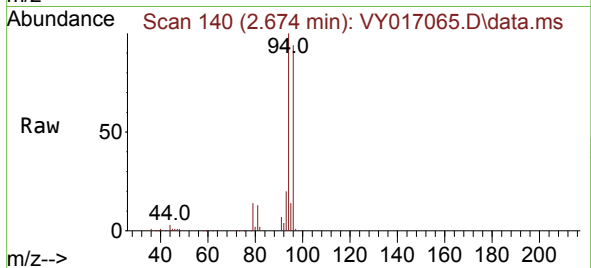
ClientSampleId :

Tgt Ion: 94 Resp: 79612

Ion Ratio Lower Upper

94 100

96 93.7 77.3 115.9



#6

Chloroethane

Concen: 52.146 ug/l

RT: 2.820 min Scan# 164

Delta R.T. 0.012 min

Lab File: VY017065.D

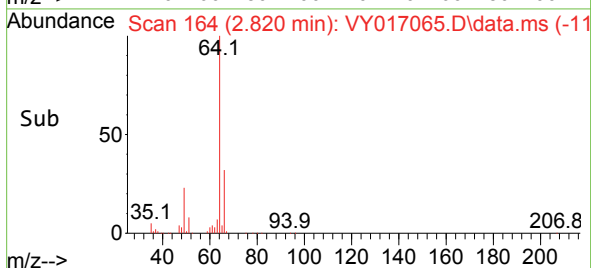
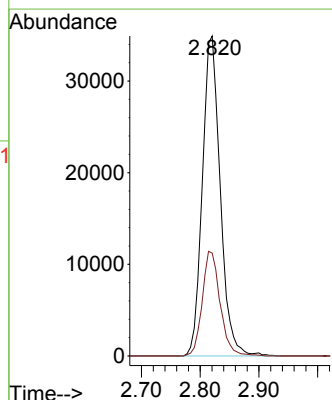
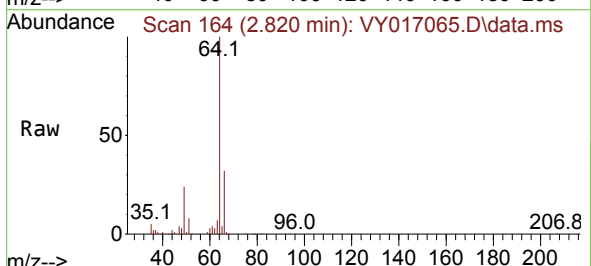
Acq: 22 Jan 2024 09:51

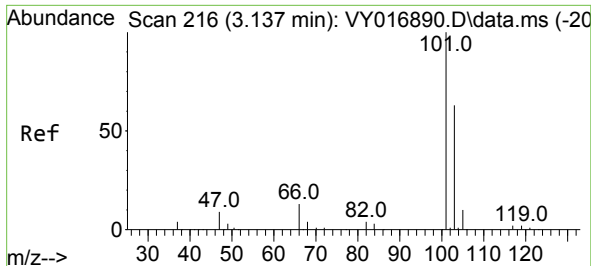
Tgt Ion: 64 Resp: 73947

Ion Ratio Lower Upper

64 100

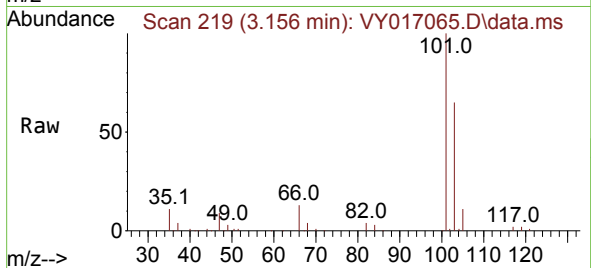
66 32.2 25.1 37.7



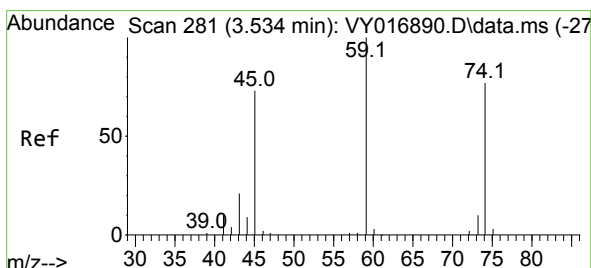
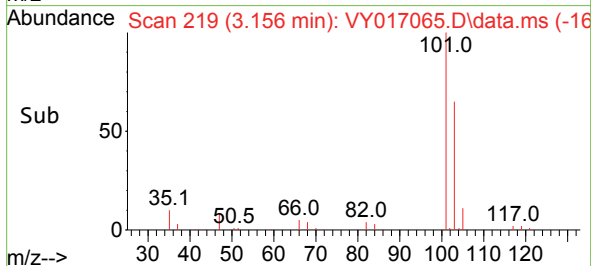
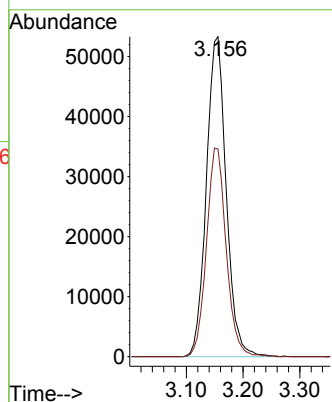


#7
 Trichlorofluoromethane
 Concen: 50.182 ug/l
 RT: 3.156 min Scan# 216
 Delta R.T. 0.019 min
 Lab File: VY017065.D
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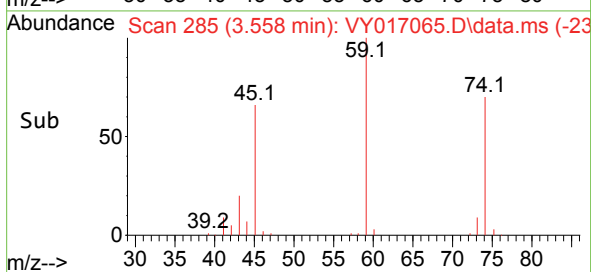
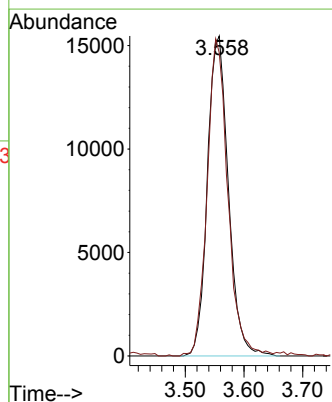
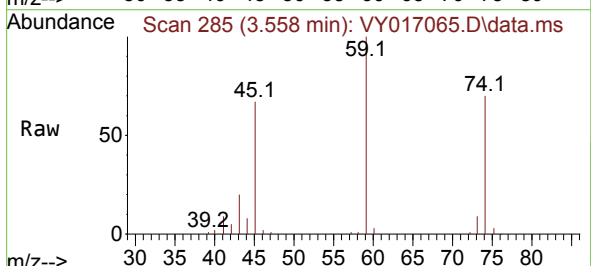


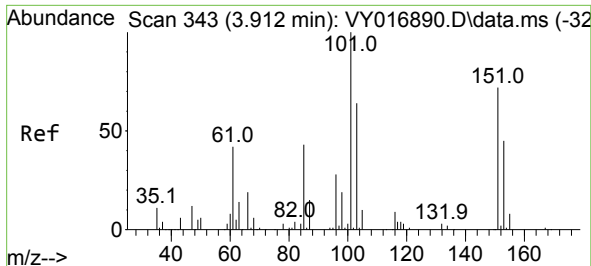
Tgt Ion:101 Resp: 129620
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.9 77.9



#8
 Diethyl Ether
 Concen: 46.412 ug/l
 RT: 3.558 min Scan# 285
 Delta R.T. 0.018 min
 Lab File: VY017065.D
 Acq: 22 Jan 2024 09:51

Tgt Ion: 74 Resp: 38312
 Ion Ratio Lower Upper
 74 100
 45 98.1 47.9 143.7

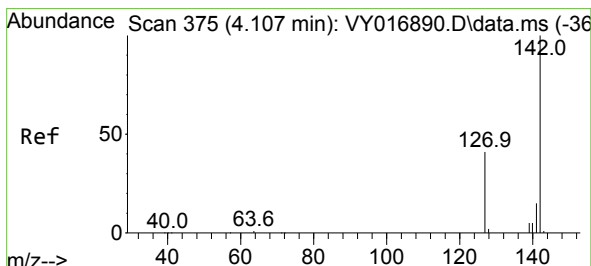
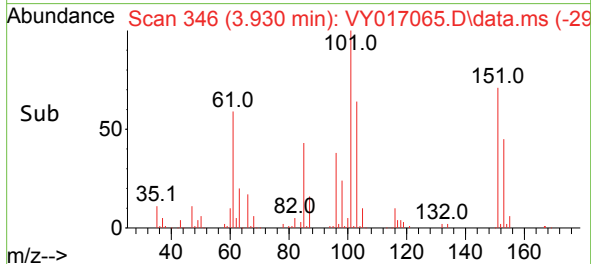
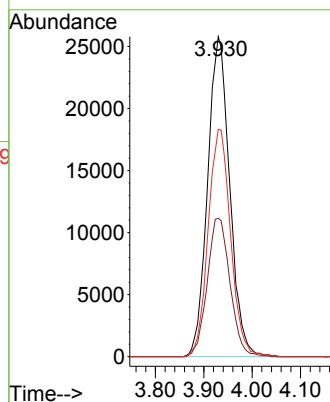
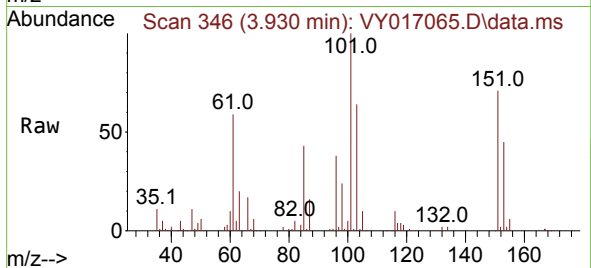




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.745 ug/l
 RT: 3.930 min Scan# 34
 Delta R.T. 0.019 min
 Lab File: VY017065.D
 Acq: 22 Jan 2024 09:51

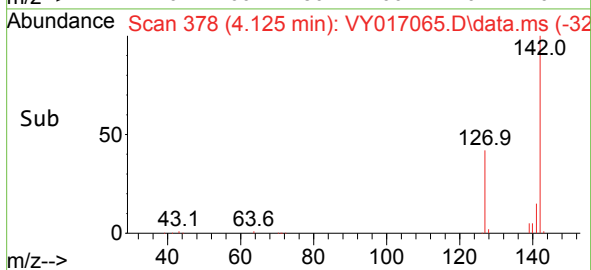
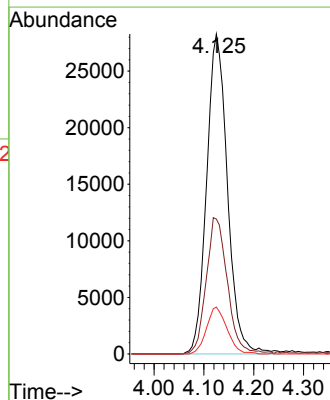
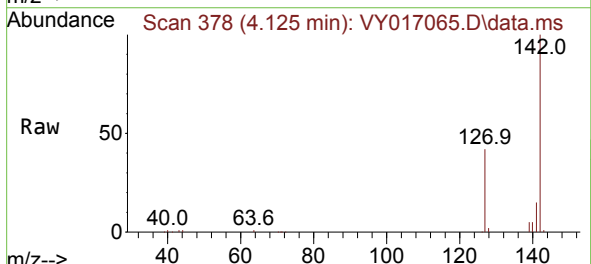
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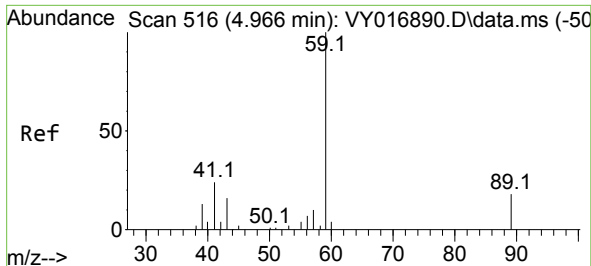
Tgt Ion:101 Resp: 81867
 Ion Ratio Lower Upper
 101 100
 85 44.6 35.8 53.6
 151 72.3 58.6 88.0



#10
 Methyl Iodide
 Concen: 57.485 ug/l
 RT: 4.125 min Scan# 378
 Delta R.T. 0.019 min
 Lab File: VY017065.D
 Acq: 22 Jan 2024 09:51

Tgt Ion:142 Resp: 82135
 Ion Ratio Lower Upper
 142 100
 127 43.3 35.1 52.7
 141 14.4 11.8 17.6

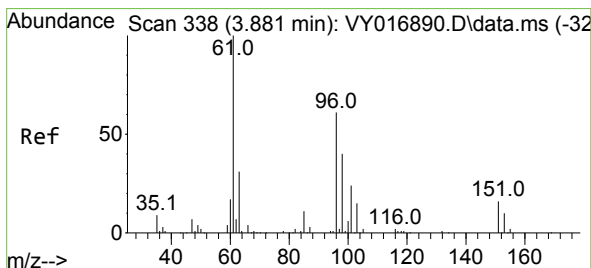
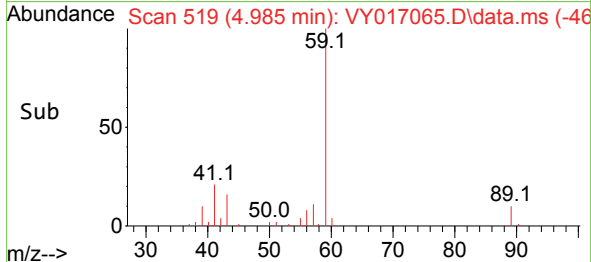
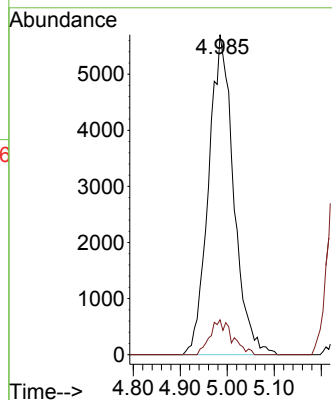
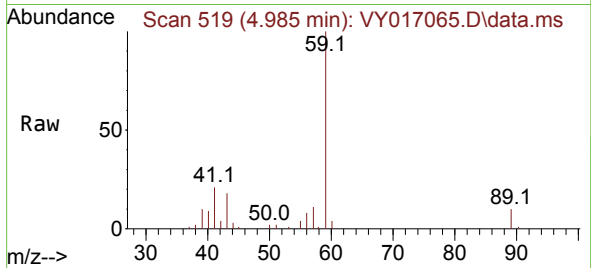




#11
Tert butyl alcohol
Concen: 186.523 ug/l
RT: 4.985 min Scan# 516
Delta R.T. 0.019 min
Lab File: VY017065.D
Acq: 22 Jan 2024 09:51

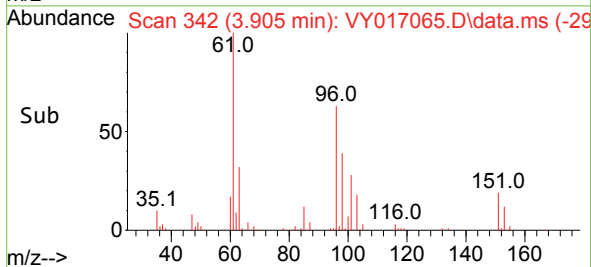
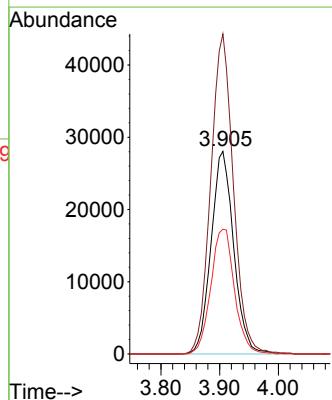
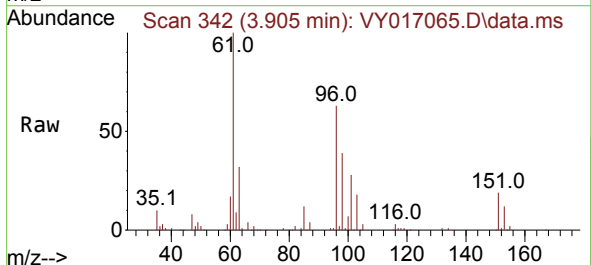
Instrument :
MSVOA_Y
ClientSampleId :

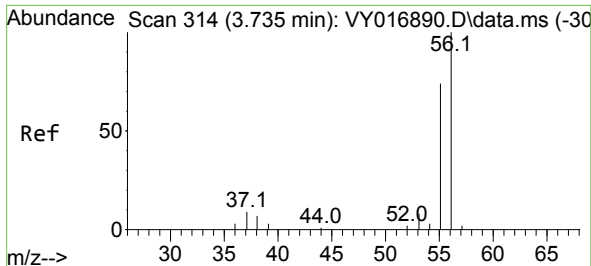
Tgt Ion: 59 Resp: 21207
Ion Ratio Lower Upper
59 100
57 9.7 7.4 11.0



#12
1,1-Dichloroethene
Concen: 52.107 ug/l
RT: 3.905 min Scan# 342
Delta R.T. 0.018 min
Lab File: VY017065.D
Acq: 22 Jan 2024 09:51

Tgt Ion: 96 Resp: 75086
Ion Ratio Lower Upper
96 100
61 157.9 124.2 186.2
98 61.6 52.6 79.0





#13

Acrolein

Concen: 160.525 ug/l

RT: 3.759 min Scan# 314

Delta R.T. 0.018 min

Lab File: VY017065.D

Acq: 22 Jan 2024 09:51

Instrument :

MSVOA_Y

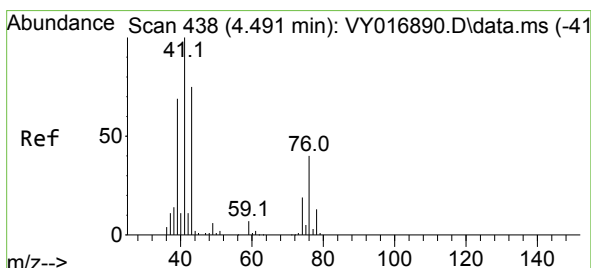
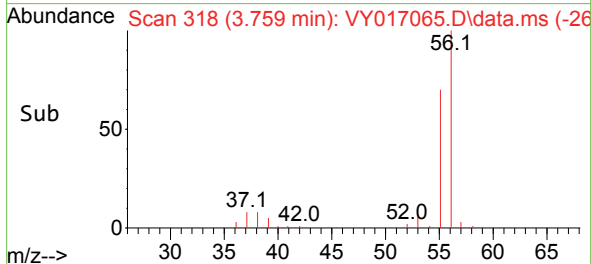
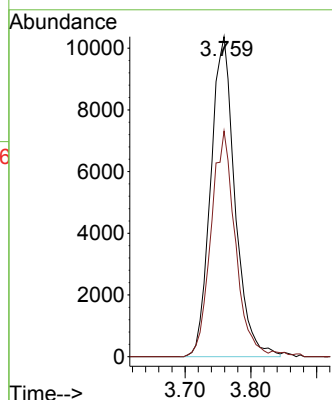
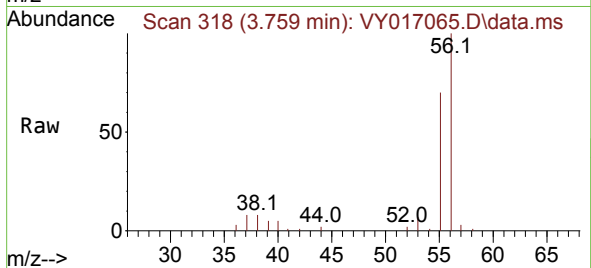
ClientSampleId :

Tgt Ion: 56 Resp: 26635

Ion Ratio Lower Upper

56 100

55 70.2 55.4 83.0



#14

Allyl chloride

Concen: 50.030 ug/l

RT: 4.515 min Scan# 442

Delta R.T. 0.018 min

Lab File: VY017065.D

Acq: 22 Jan 2024 09:51

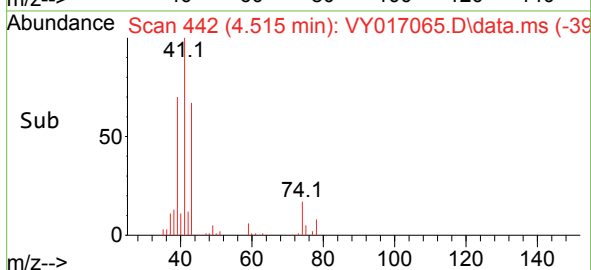
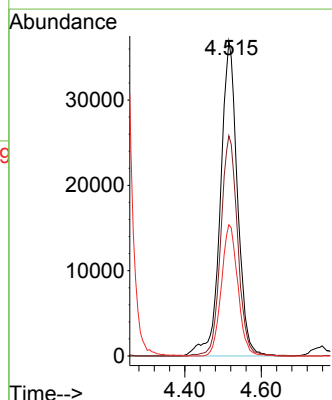
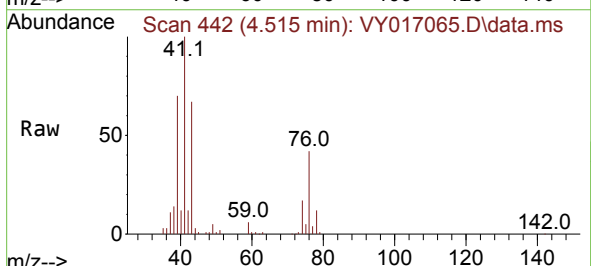
Tgt Ion: 41 Resp: 113971

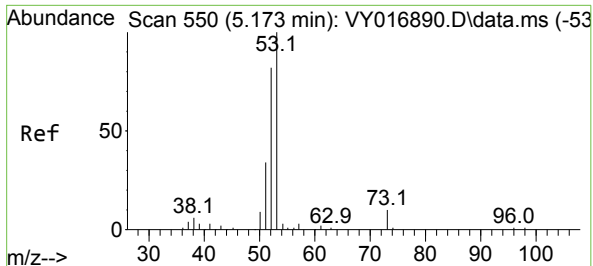
Ion Ratio Lower Upper

41 100

39 69.3 54.7 82.1

76 40.4 31.8 47.6





#15

Acrylonitrile

Concen: 216.918 ug/l

RT: 5.198 min Scan# 51

Delta R.T. 0.019 min

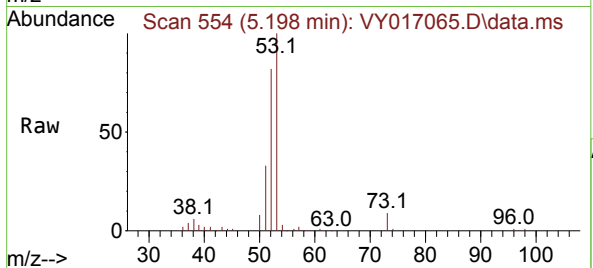
Lab File: VY017065.D

Acq: 22 Jan 2024 09:51

Instrument :

MSVOA_Y

ClientSampleId :



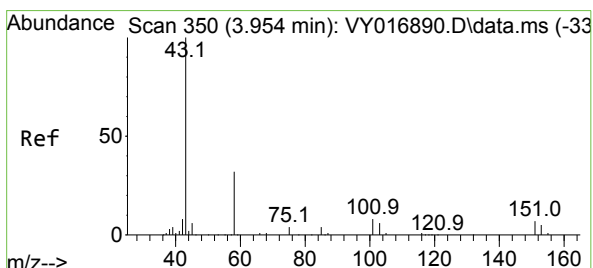
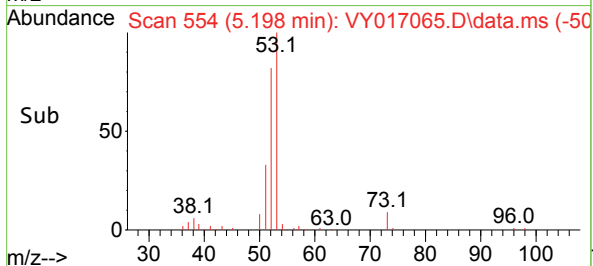
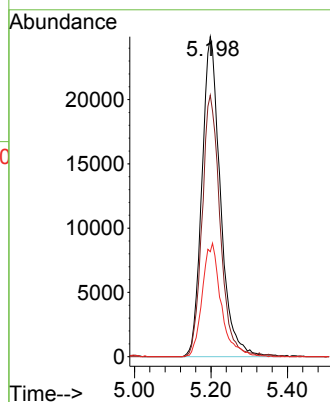
Tgt Ion: 53 Resp: 83755

Ion Ratio Lower Upper

53 100

52 79.2 65.1 97.7

51 36.2 29.0 43.4



#16

Acetone

Concen: 237.430 ug/l

RT: 3.973 min Scan# 353

Delta R.T. 0.013 min

Lab File: VY017065.D

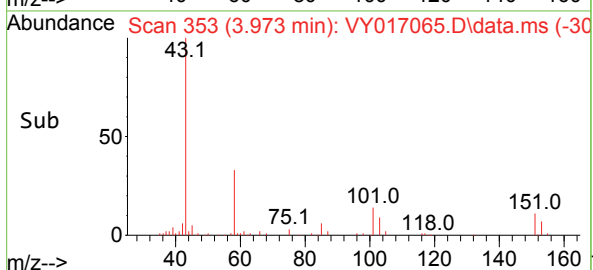
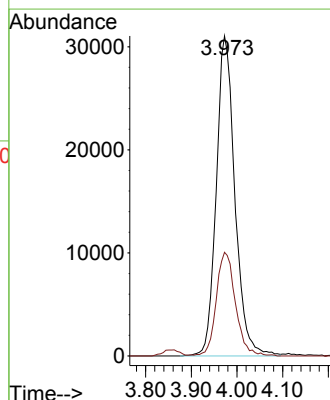
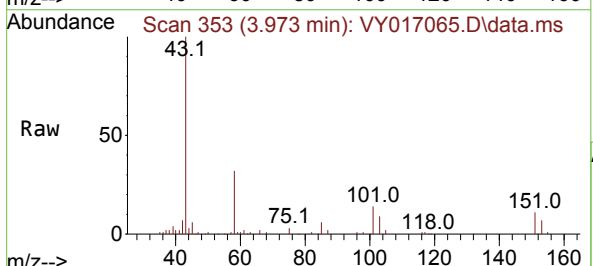
Acq: 22 Jan 2024 09:51

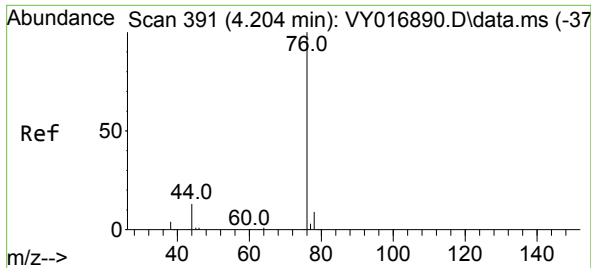
Tgt Ion: 43 Resp: 87949

Ion Ratio Lower Upper

43 100

58 32.4 26.6 39.8

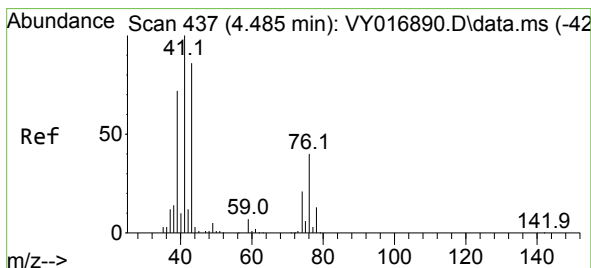
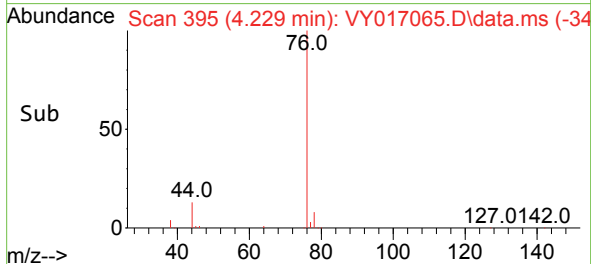
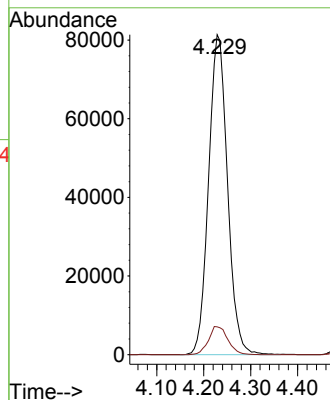
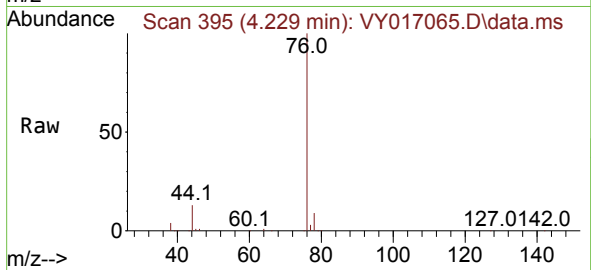




#17
Carbon Disulfide
Concen: 65.928 ug/l
RT: 4.229 min Scan# 391
Delta R.T. 0.019 min
Lab File: VY017065.D
Acq: 22 Jan 2024 09:51

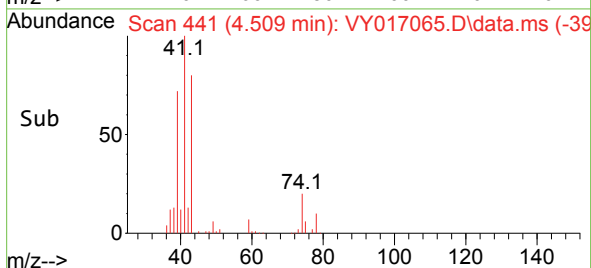
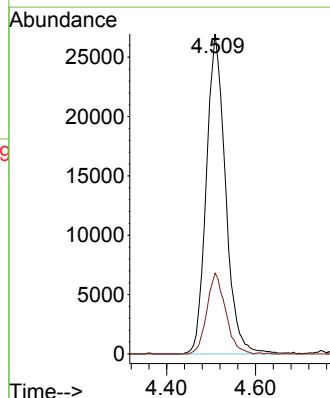
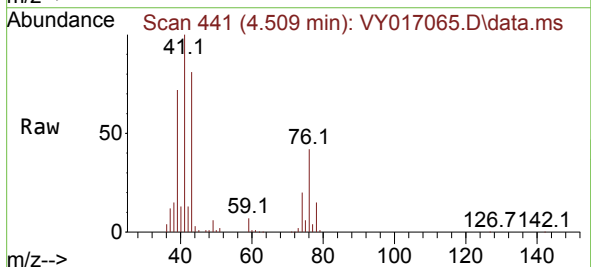
Instrument :
MSVOA_Y
ClientSampleId :

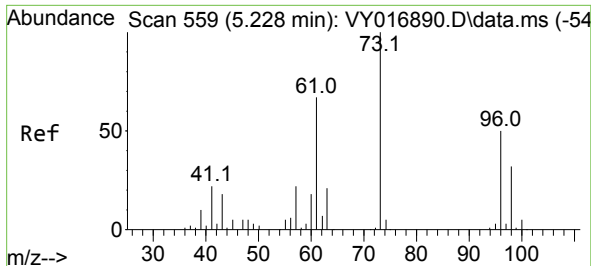
Tgt Ion: 76 Resp: 226999
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



#18
Methyl Acetate
Concen: 50.500 ug/l
RT: 4.509 min Scan# 441
Delta R.T. 0.012 min
Lab File: VY017065.D
Acq: 22 Jan 2024 09:51

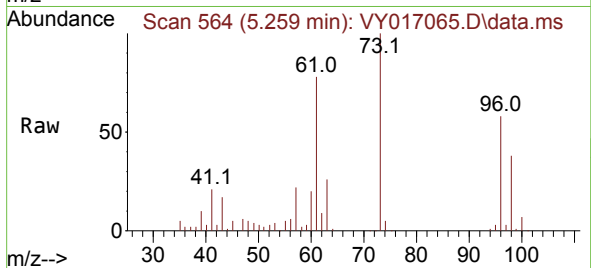
Tgt Ion: 43 Resp: 80903
Ion Ratio Lower Upper
43 100
74 24.6 19.8 29.6



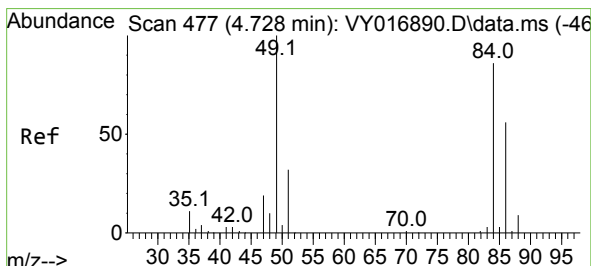
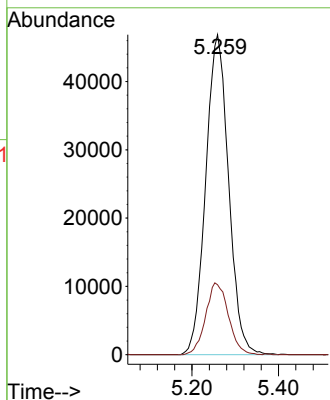
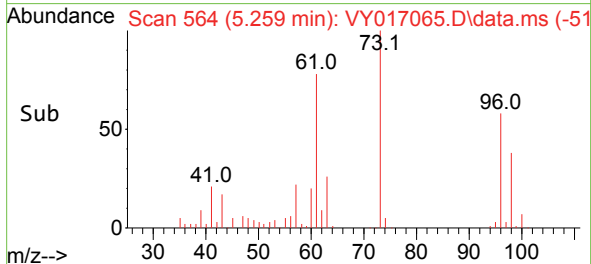


#19
Methyl tert-butyl Ether
Concen: 45.887 ug/l
RT: 5.259 min Scan# 51
Delta R.T. 0.025 min
Lab File: VY017065.D
Acq: 22 Jan 2024 09:51

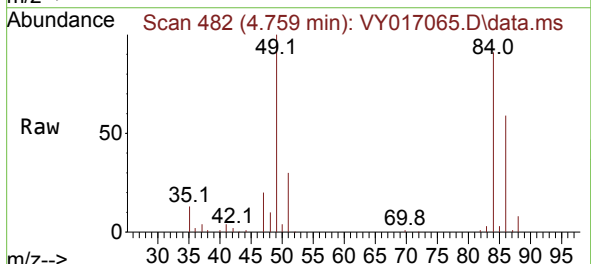
Instrument :
MSVOA_Y
ClientSampleId :



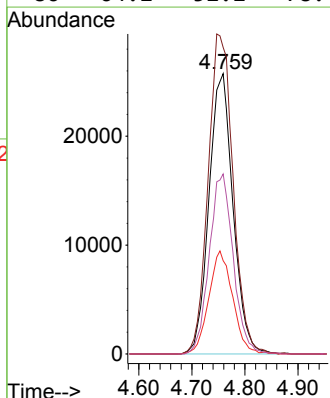
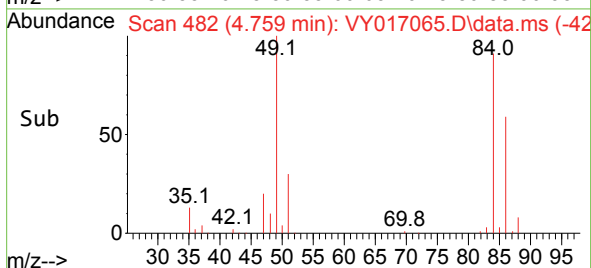
Tgt Ion: 73 Resp: 172027
Ion Ratio Lower Upper
73 100
57 21.9 17.7 26.5

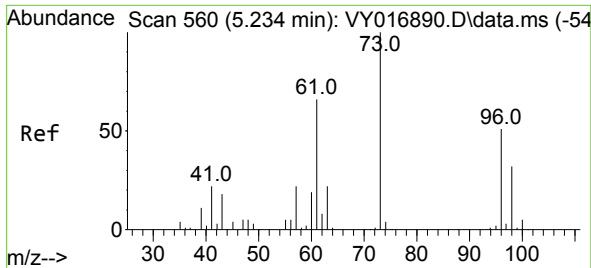


#20
Methylene Chloride
Concen: 40.375 ug/l
RT: 4.759 min Scan# 482
Delta R.T. 0.025 min
Lab File: VY017065.D
Acq: 22 Jan 2024 09:51



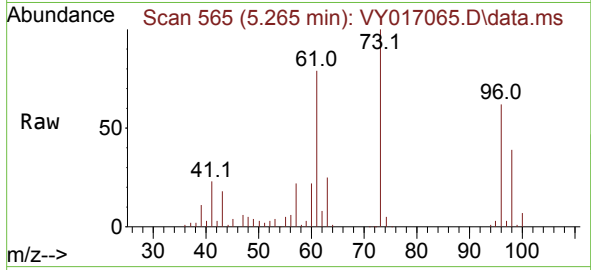
Tgt Ion: 84 Resp: 81280
Ion Ratio Lower Upper
84 100
49 109.3 95.2 142.8
51 33.3 29.9 44.9
86 64.2 52.2 78.4



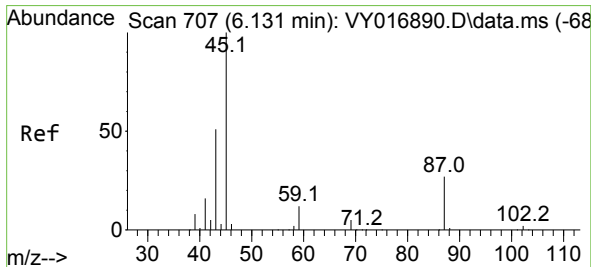
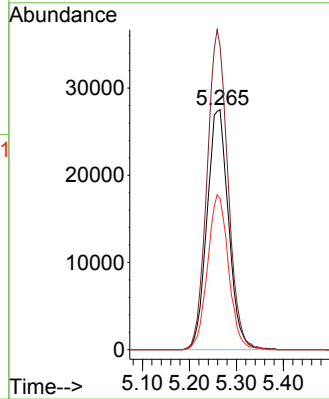
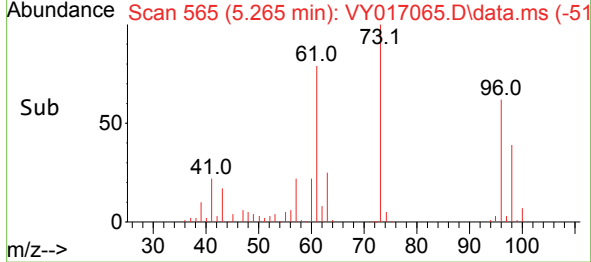


#21
trans-1,2-Dichloroethene
Concen: 53.060 ug/l
RT: 5.265 min Scan# 511
Delta R.T. 0.025 min
Lab File: VY017065.D
Acq: 22 Jan 2024 09:51

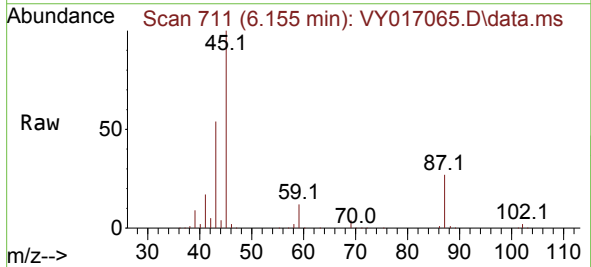
Instrument :
MSVOA_Y
ClientSampleId :



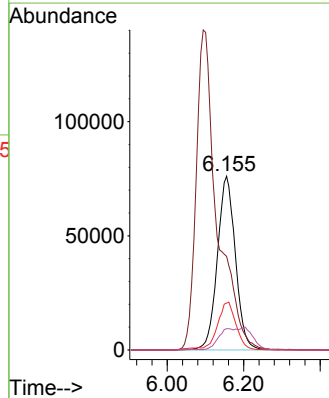
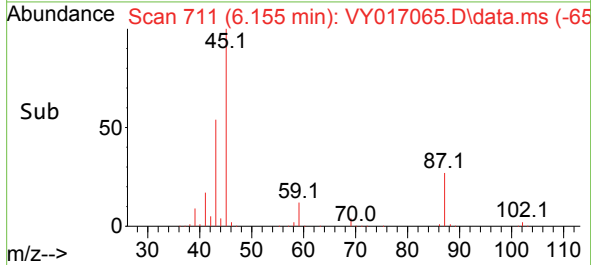
Tgt Ion: 96 Resp: 87570
Ion Ratio Lower Upper
96 100
61 126.7 104.6 156.8
98 63.1 50.9 76.3

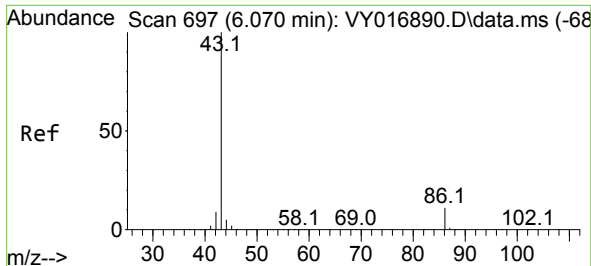


#22
Diisopropyl ether
Concen: 47.377 ug/l
RT: 6.155 min Scan# 711
Delta R.T. 0.024 min
Lab File: VY017065.D
Acq: 22 Jan 2024 09:51



Tgt Ion: 45 Resp: 249517
Ion Ratio Lower Upper
45 100
43 53.5 46.8 70.2
87 27.0 22.2 33.2
59 12.2 9.9 14.9

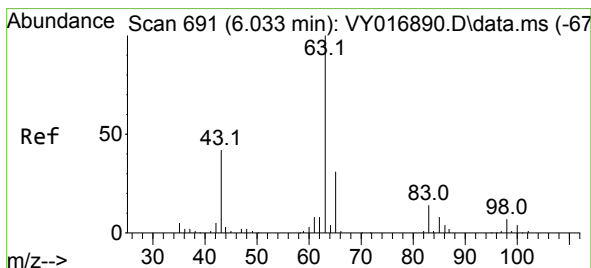
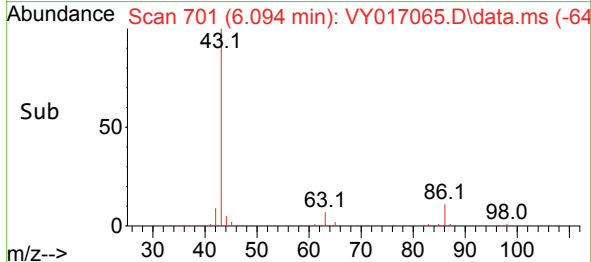
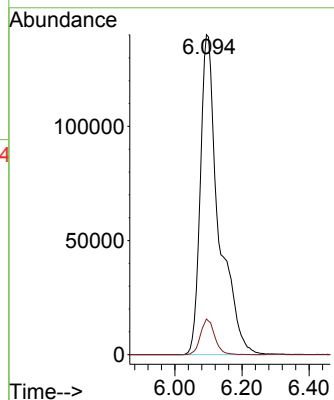
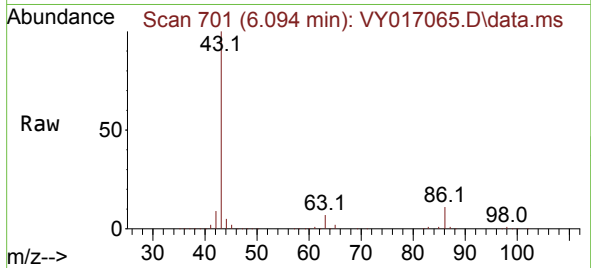




#23
 Vinyl Acetate
 Concen: 221.195 ug/l
 RT: 6.094 min Scan# 701
 Delta R.T. 0.018 min
 Lab File: VY017065.D
 Acq: 22 Jan 2024 09:51

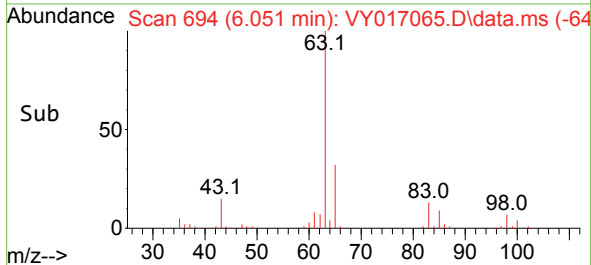
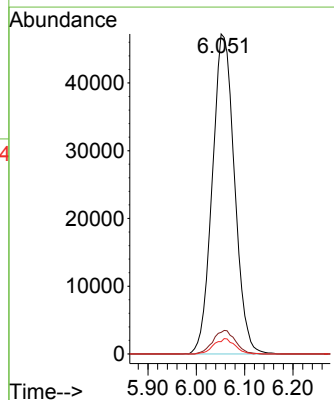
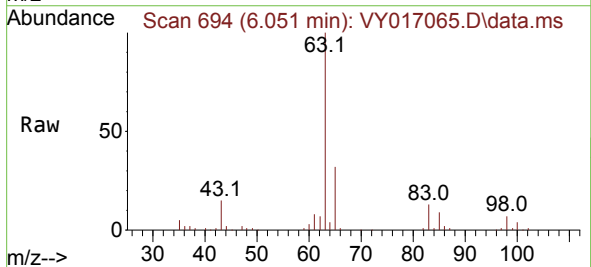
Instrument :
 MSVOA_Y
 ClientSampleId :

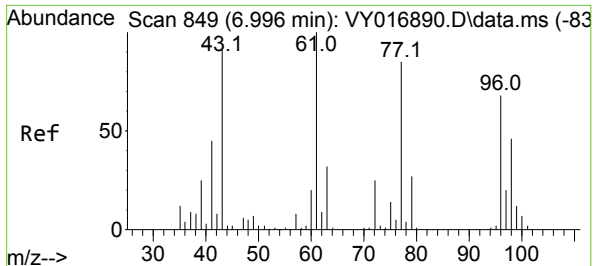
Tgt Ion: 43 Resp: 534160
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 47.529 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.018 min
 Lab File: VY017065.D
 Acq: 22 Jan 2024 09:51

Tgt Ion: 63 Resp: 150425
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.8 11.4
 100 3.9 2.1 6.2





#25

2-Butanone

Concen: 219.506 ug/l

RT: 7.021 min Scan# 81

Delta R.T. 0.025 min

Lab File: VY017065.D

Acq: 22 Jan 2024 09:51

Instrument :

MSVOA_Y

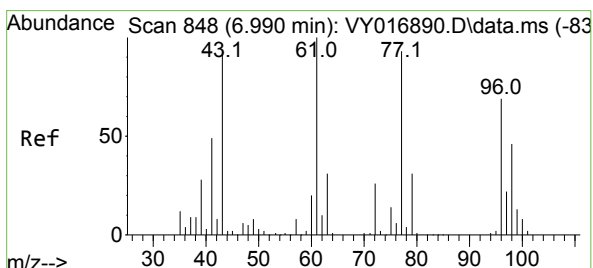
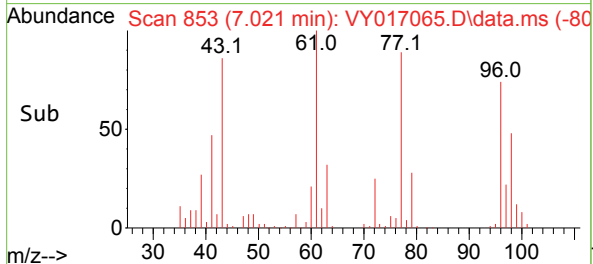
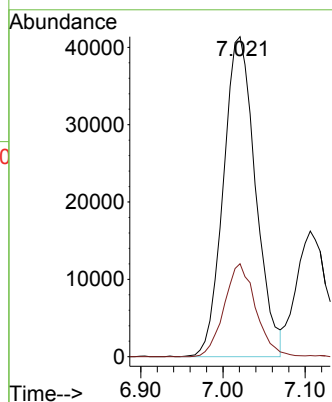
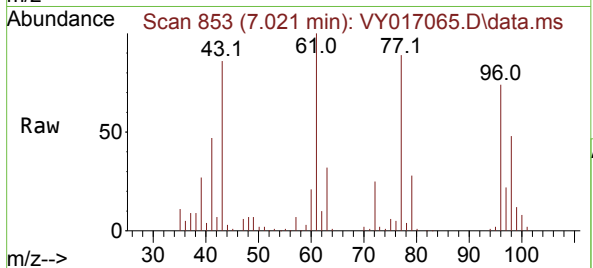
ClientSampleId :

Tgt Ion: 43 Resp: 112614

Ion Ratio Lower Upper

43 100

72 29.1 21.4 32.2



#26

2,2-Dichloropropane

Concen: 47.879 ug/l

RT: 7.015 min Scan# 852

Delta R.T. 0.019 min

Lab File: VY017065.D

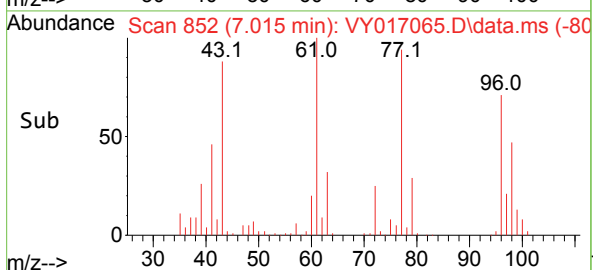
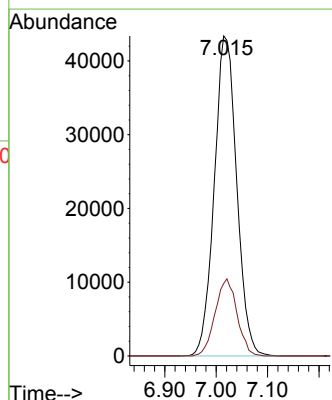
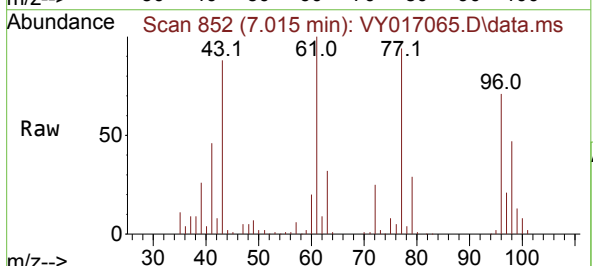
Acq: 22 Jan 2024 09:51

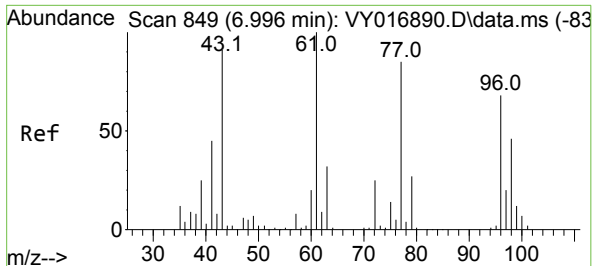
Tgt Ion: 77 Resp: 131386

Ion Ratio Lower Upper

77 100

97 23.6 11.7 35.0

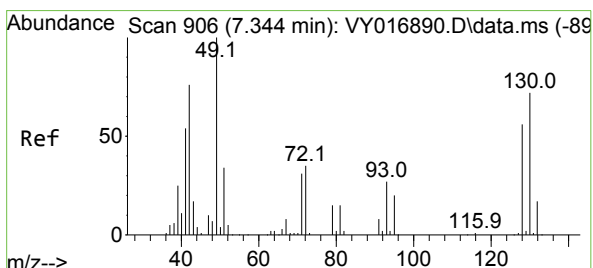
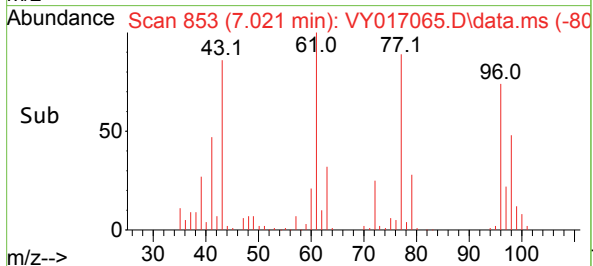
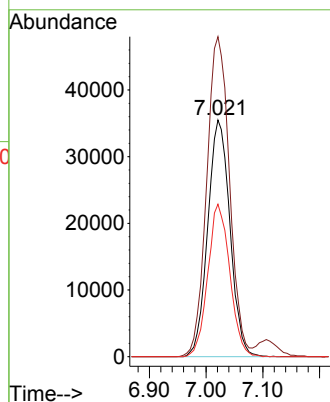
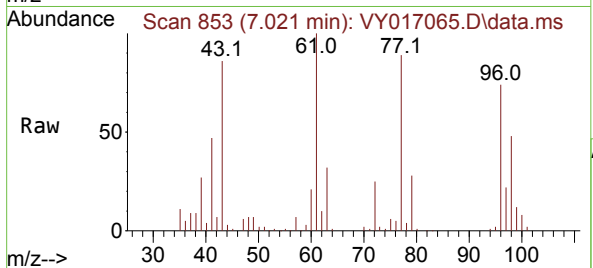




#27
 cis-1,2-Dichloroethene
 Concen: 49.878 ug/l
 RT: 7.021 min Scan# 849
 Delta R.T. 0.019 min
 Lab File: VY017065.D
 Acq: 22 Jan 2024 09:51

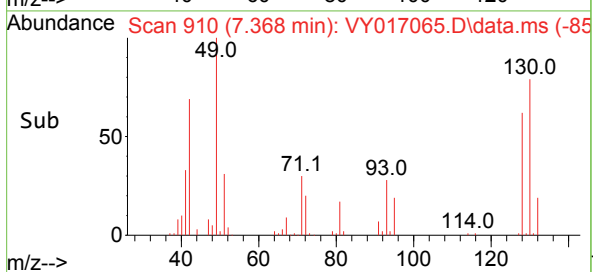
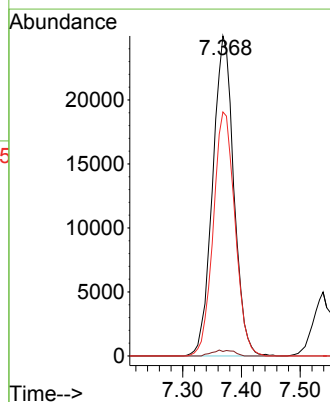
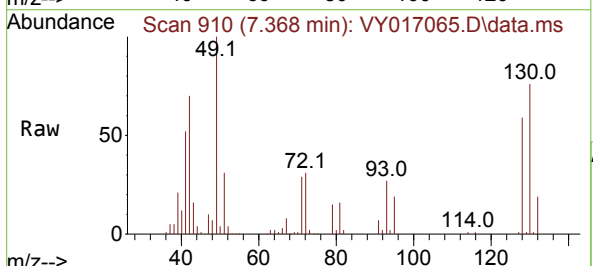
Instrument :
 MSVOA_Y
 ClientSampleId :

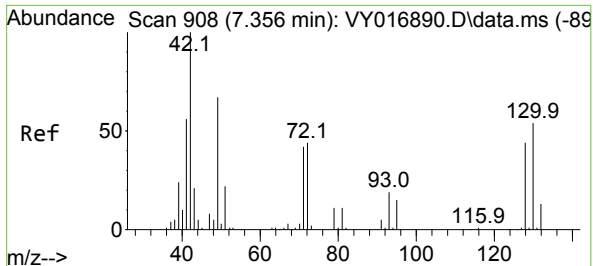
Tgt Ion: 96 Resp: 96496
 Ion Ratio Lower Upper
 96 100
 61 139.2 0.0 278.8
 98 63.8 0.0 127.0



#28
 Bromochloromethane
 Concen: 52.672 ug/l
 RT: 7.368 min Scan# 910
 Delta R.T. 0.018 min
 Lab File: VY017065.D
 Acq: 22 Jan 2024 09:51

Tgt Ion: 49 Resp: 62583
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 78.1 59.8 89.8

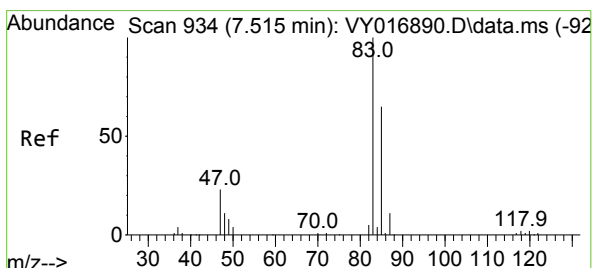
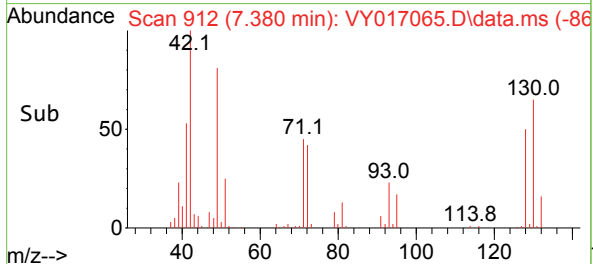
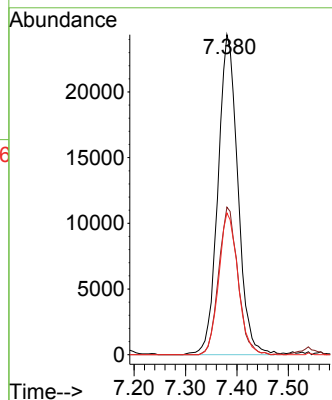
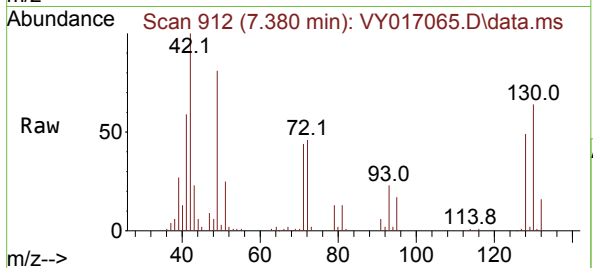




#29
Tetrahydrofuran
Concen: 216.418 ug/l
RT: 7.380 min Scan# 912
Delta R.T. 0.018 min
Lab File: VY017065.D
Acq: 22 Jan 2024 09:51

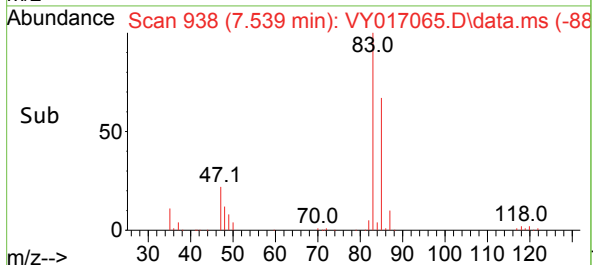
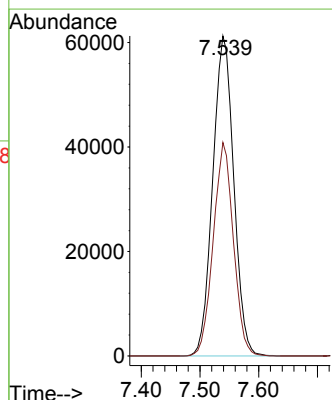
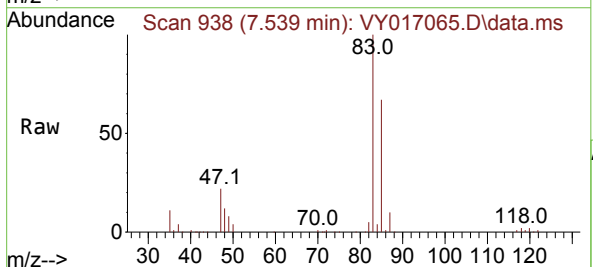
Instrument :
MSVOA_Y
ClientSampleId :

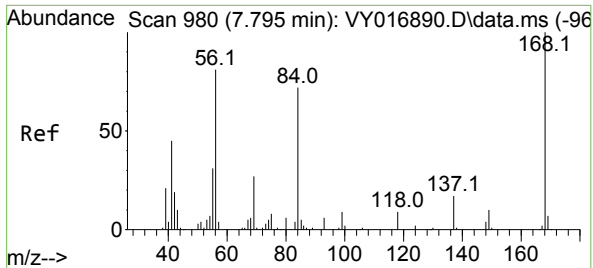
Tgt Ion: 42 Resp: 65498
Ion Ratio Lower Upper
42 100
72 44.4 36.6 54.8
71 42.9 33.8 50.6



#30
Chloroform
Concen: 46.656 ug/l
RT: 7.539 min Scan# 938
Delta R.T. 0.018 min
Lab File: VY017065.D
Acq: 22 Jan 2024 09:51

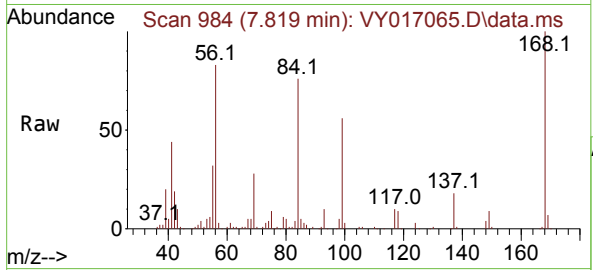
Tgt Ion: 83 Resp: 152168
Ion Ratio Lower Upper
83 100
85 66.7 51.2 76.8



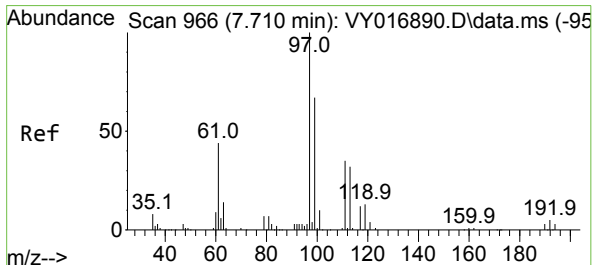
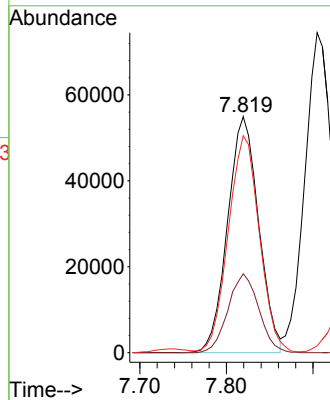
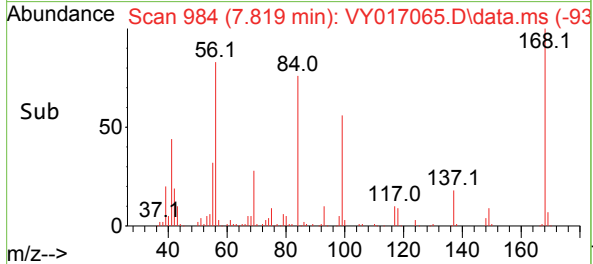


#31
Cyclohexane
Concen: 53.317 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017065.D
Acq: 22 Jan 2024 09:51

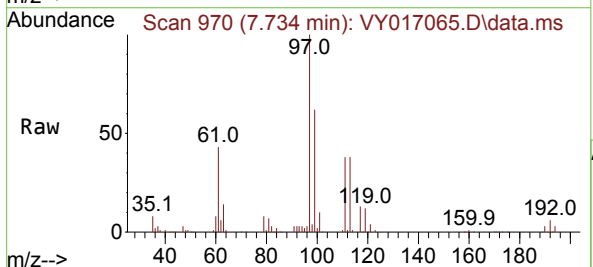
Instrument :
MSVOA_Y
ClientSampleId :



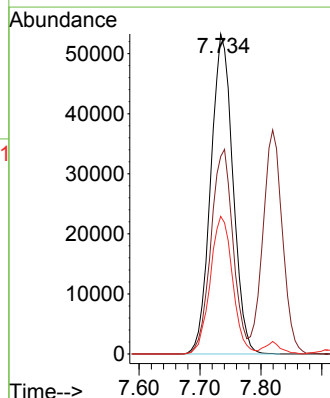
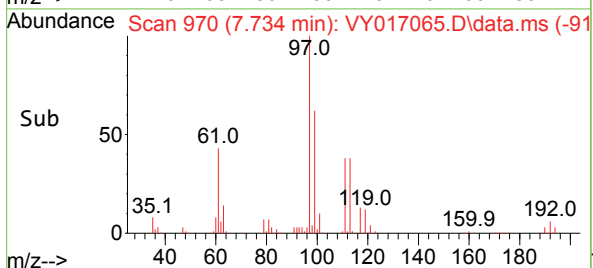
Tgt Ion: 56 Resp: 136835
Ion Ratio Lower Upper
56 100
69 33.5 27.0 40.6
84 90.6 71.8 107.6

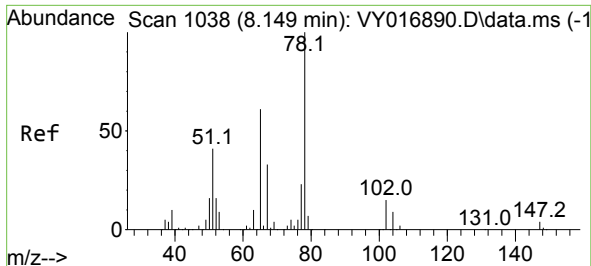


#32
1,1,1-Trichloroethane
Concen: 48.604 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.018 min
Lab File: VY017065.D
Acq: 22 Jan 2024 09:51



Tgt Ion: 97 Resp: 134410
Ion Ratio Lower Upper
97 100
99 63.8 51.2 76.8
61 43.5 35.0 52.6

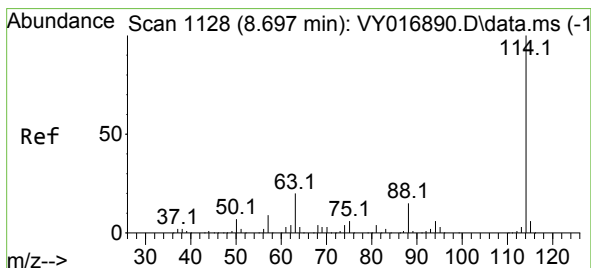
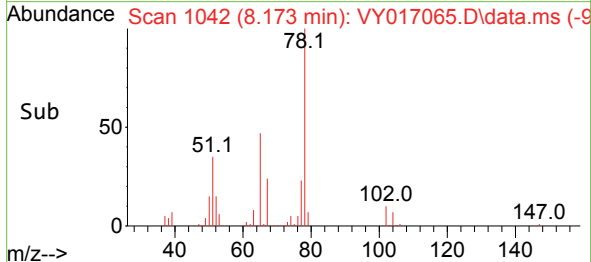
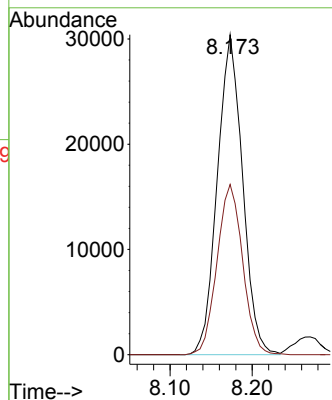
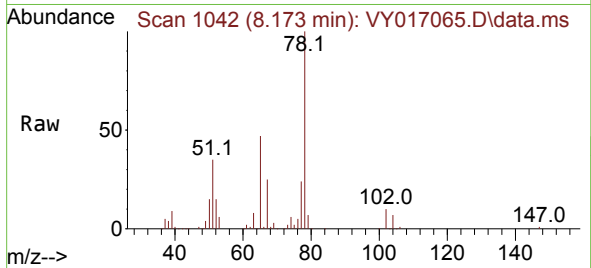




#33
1,2-Dichloroethane-d4
Concen: 43.328 ug/l
RT: 8.173 min Scan# 1038
Delta R.T. 0.018 min
Lab File: VY017065.D
Acq: 22 Jan 2024 09:51

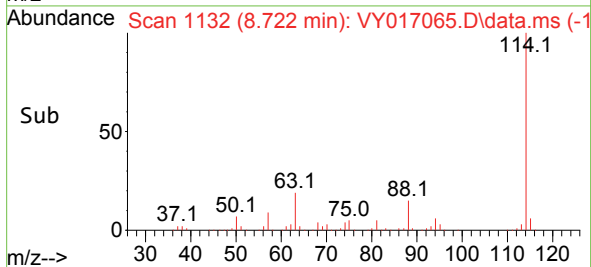
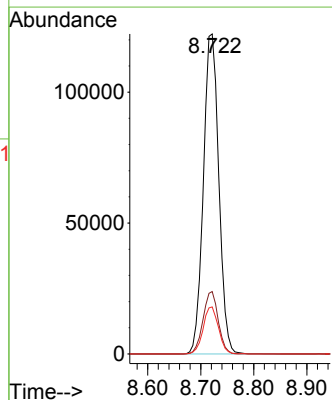
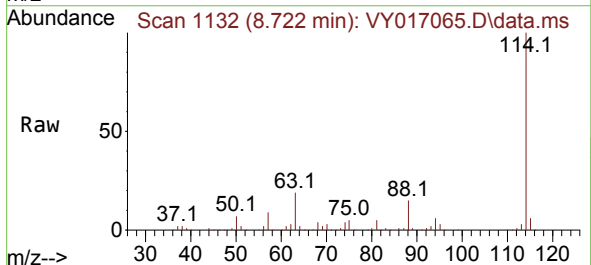
Instrument :
MSVOA_Y
ClientSampleId :

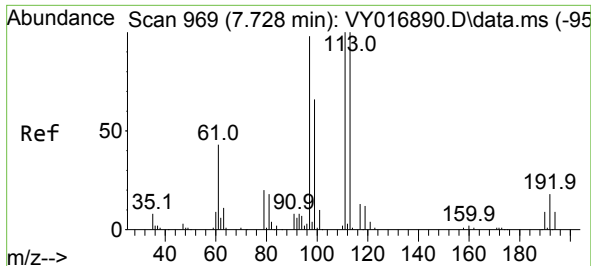
Tgt Ion: 65 Resp: 64789
Ion Ratio Lower Upper
65 100
67 54.1 0.0 109.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.722 min Scan# 1132
Delta R.T. 0.019 min
Lab File: VY017065.D
Acq: 22 Jan 2024 09:51

Tgt Ion:114 Resp: 246860
Ion Ratio Lower Upper
114 100
63 19.5 0.0 37.4
88 14.7 0.0 29.0

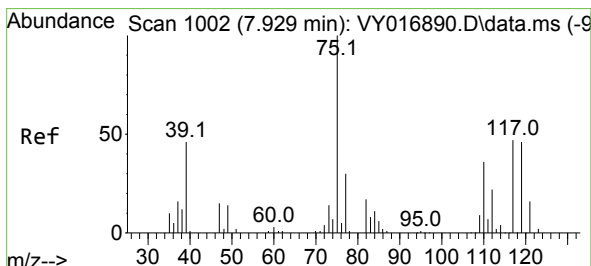
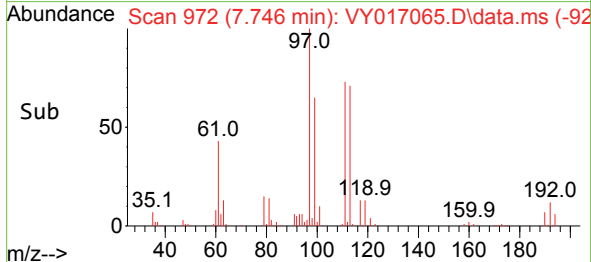
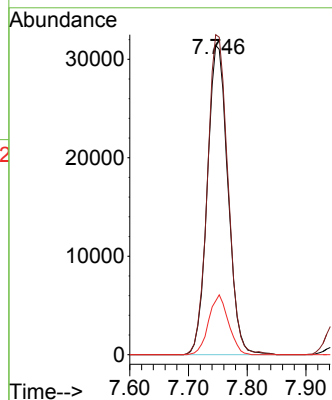
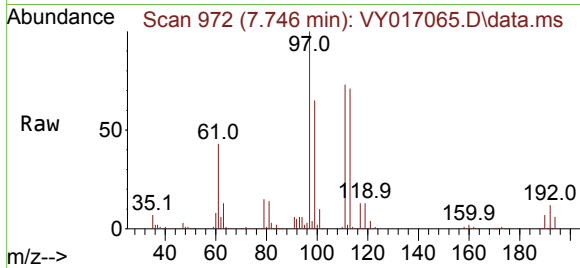




#35
Dibromofluoromethane
Concen: 48.562 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017065.D
Acq: 22 Jan 2024 09:51

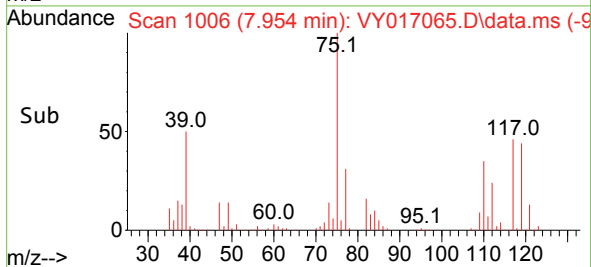
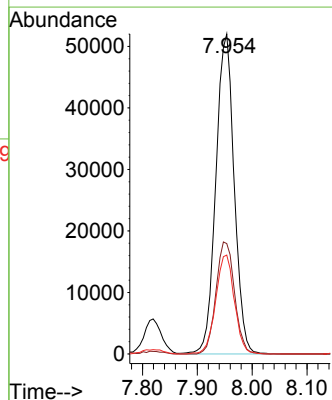
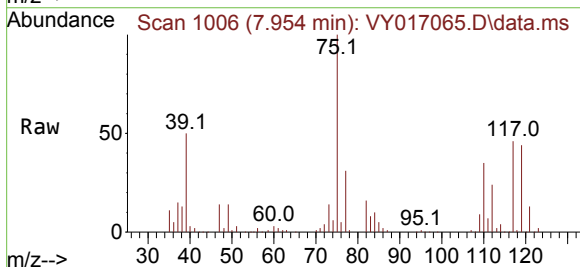
Instrument :
MSVOA_Y
ClientSampleId :

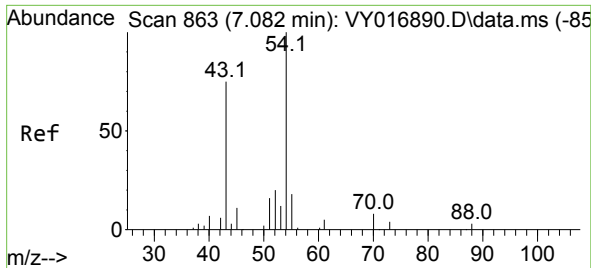
Tgt Ion:113 Resp: 76392
Ion Ratio Lower Upper
113 100
111 103.3 83.8 125.6
192 18.6 14.5 21.7



#36
1,1-Dichloropropene
Concen: 52.669 ug/l
RT: 7.954 min Scan# 1006
Delta R.T. 0.024 min
Lab File: VY017065.D
Acq: 22 Jan 2024 09:51

Tgt Ion: 75 Resp: 120747
Ion Ratio Lower Upper
75 100
110 35.5 17.4 52.3
77 31.5 24.7 37.1

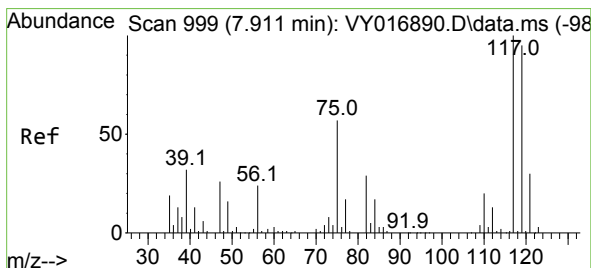
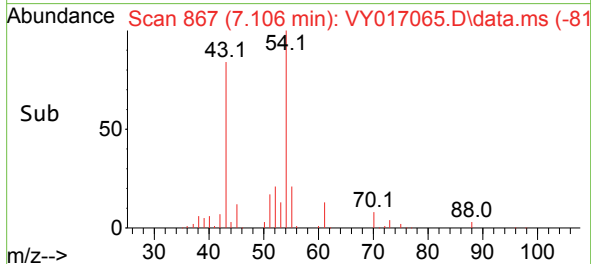
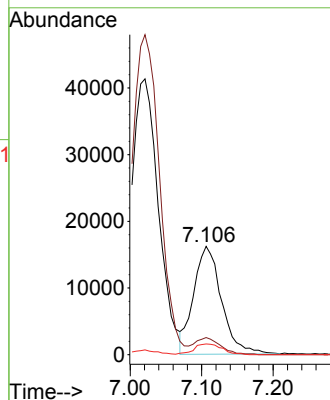
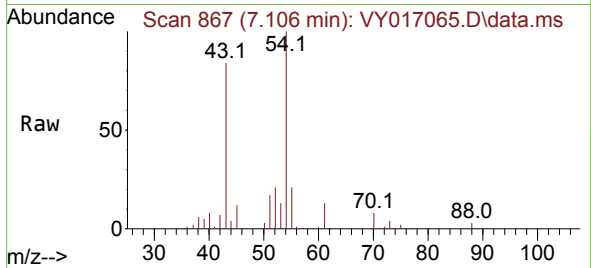




#37
Ethyl Acetate
Concen: 42.004 ug/l
RT: 7.106 min Scan# 80
Delta R.T. 0.018 min
Lab File: VY017065.D
Acq: 22 Jan 2024 09:51

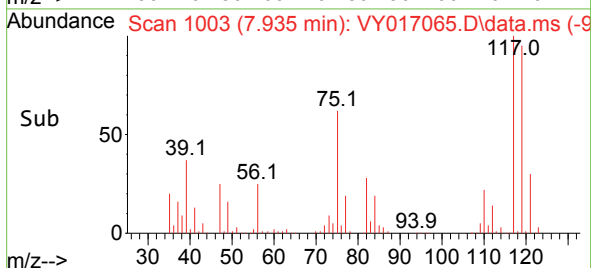
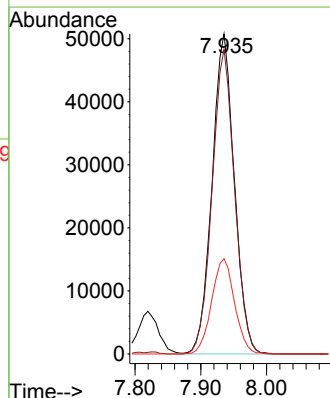
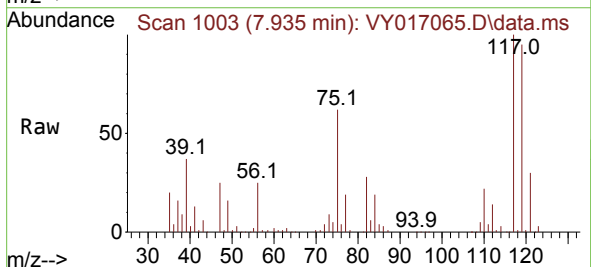
Instrument :
MSVOA_Y
ClientSampleId :

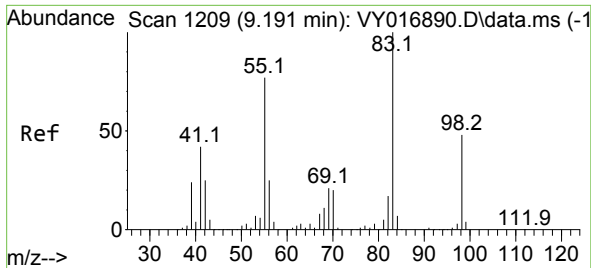
Tgt Ion: 43 Resp: 43761
Ion Ratio Lower Upper
43 100
61 14.5 11.0 16.6
70 10.1 8.1 12.1



#38
Carbon Tetrachloride
Concen: 51.436 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.018 min
Lab File: VY017065.D
Acq: 22 Jan 2024 09:51

Tgt Ion: 117 Resp: 119804
Ion Ratio Lower Upper
117 100
119 95.2 76.0 114.0
121 29.7 24.2 36.2





#39

Methylcyclohexane

Concen: 58.328 ug/l

RT: 9.215 min Scan# 11

Delta R.T. 0.024 min

Lab File: VY017065.D

Acq: 22 Jan 2024 09:51

Instrument :

MSVOA_Y

ClientSampleId :

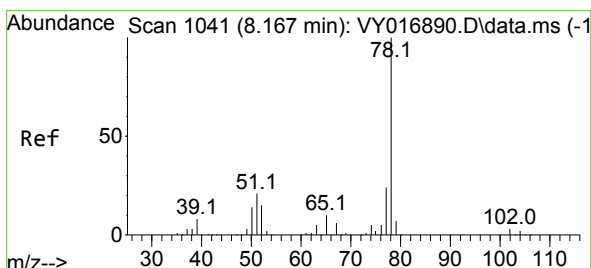
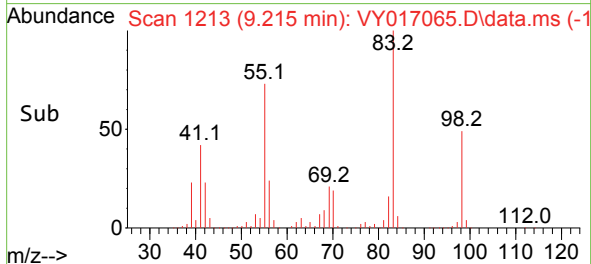
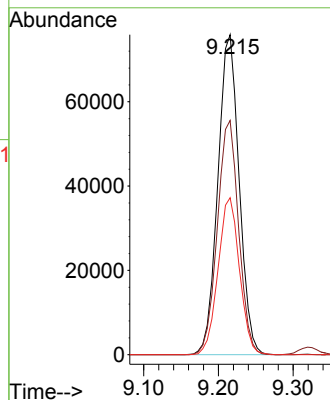
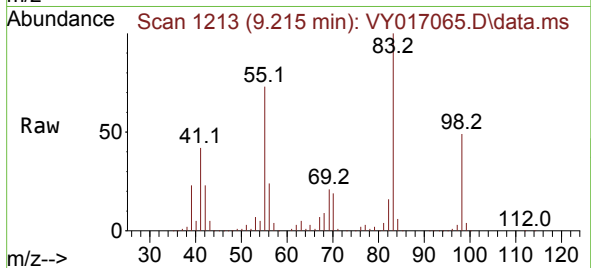
Tgt Ion: 83 Resp: 150325

Ion Ratio Lower Upper

83 100

55 73.2 59.7 89.5

98 49.1 38.0 57.0



#40

Benzene

Concen: 50.709 ug/l

RT: 8.191 min Scan# 1045

Delta R.T. 0.018 min

Lab File: VY017065.D

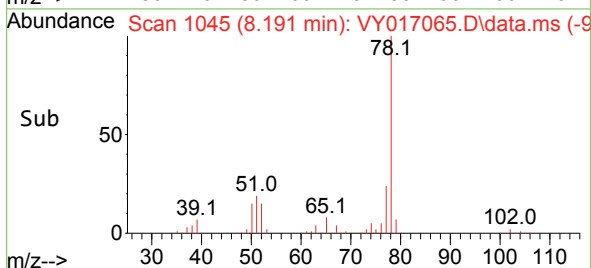
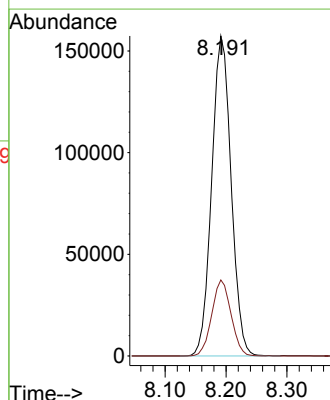
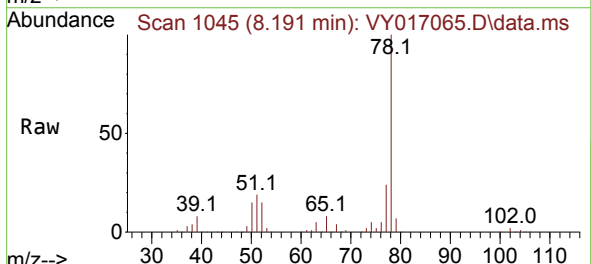
Acq: 22 Jan 2024 09:51

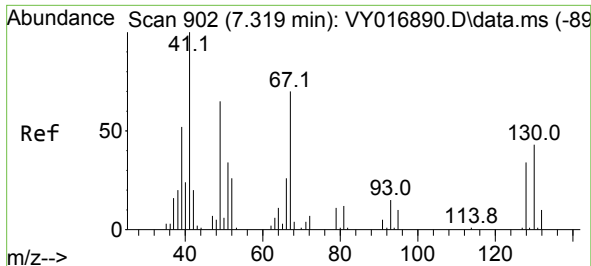
Tgt Ion: 78 Resp: 348730

Ion Ratio Lower Upper

78 100

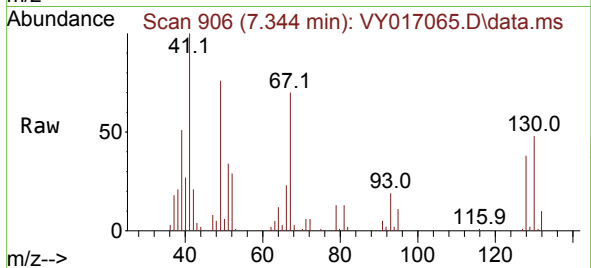
77 23.8 18.8 28.2



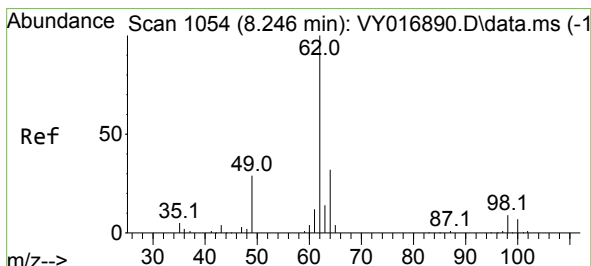
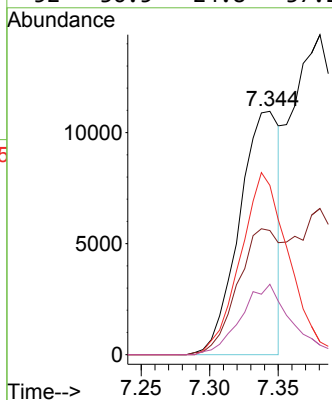
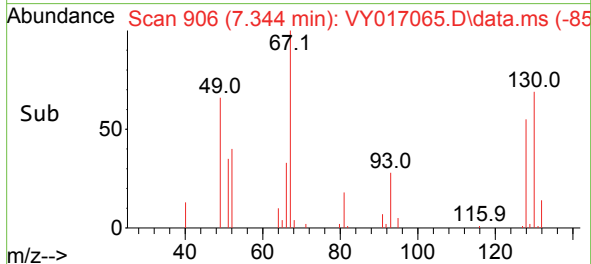


#41
Methacrylonitrile
Concen: 40.640 ug/l
RT: 7.344 min Scan# 902
Delta R.T. 0.025 min
Lab File: VY017065.D
Acq: 22 Jan 2024 09:51

Instrument :
MSVOA_Y
ClientSampleId :

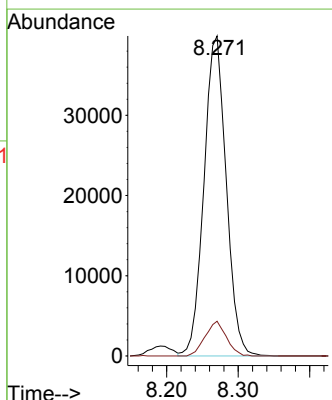
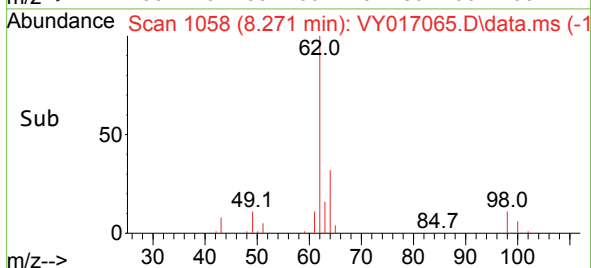
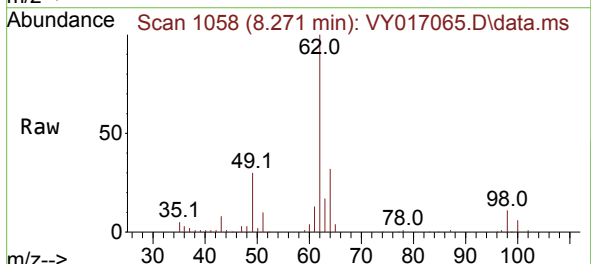


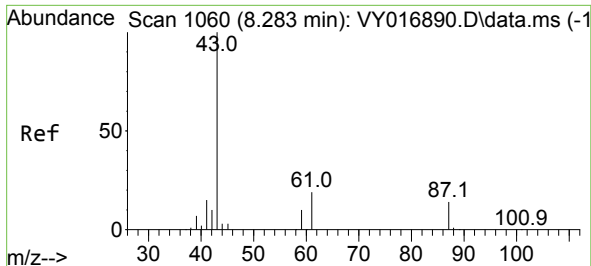
Tgt Ion: 41	Resp: 22299
Ion Ratio	Lower Upper
41 100	
39 61.0	41.9 62.9
67 90.8	59.8 89.6#
52 36.5	24.8 37.2



#42
1,2-Dichloroethane
Concen: 47.255 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.019 min
Lab File: VY017065.D
Acq: 22 Jan 2024 09:51

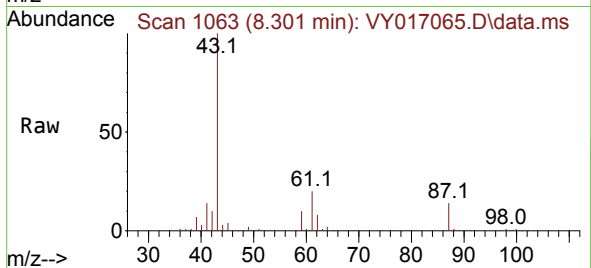
Tgt Ion: 62	Resp: 86275
Ion Ratio	Lower Upper
62 100	
98 10.4	0.0 20.2



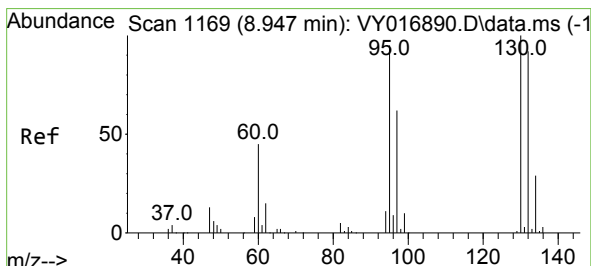
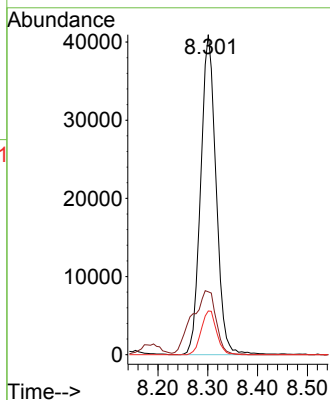
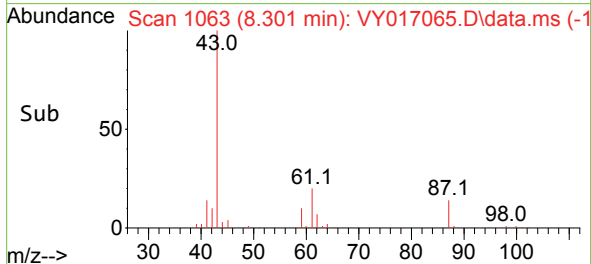


#43
Isopropyl Acetate
Concen: 43.840 ug/l
RT: 8.301 min Scan# 1173
Delta R.T. 0.018 min
Lab File: VY017065.D
Acq: 22 Jan 2024 09:51

Instrument :
MSVOA_Y
ClientSampleId :

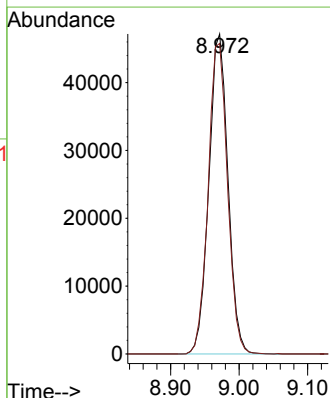
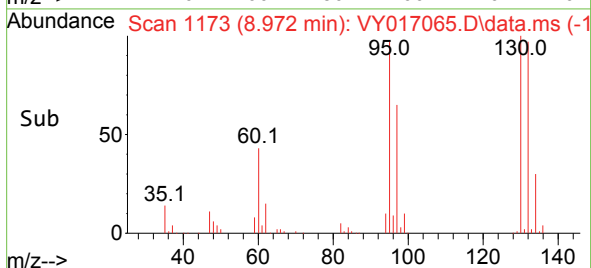
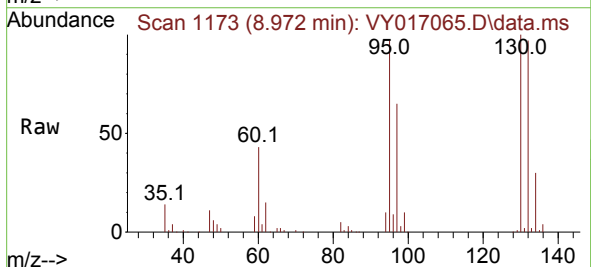


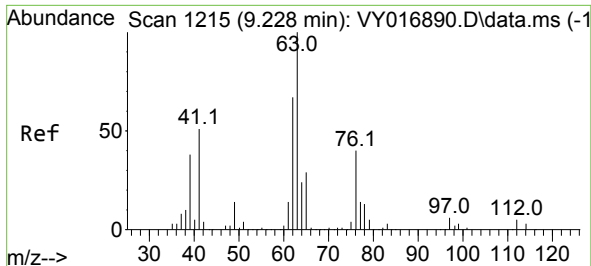
Tgt Ion: 43 Resp: 87465
Ion Ratio Lower Upper
43 100
61 31.2 24.8 37.2
87 13.7 10.7 16.1



#44
Trichloroethene
Concen: 52.203 ug/l
RT: 8.972 min Scan# 1173
Delta R.T. 0.025 min
Lab File: VY017065.D
Acq: 22 Jan 2024 09:51

Tgt Ion:130 Resp: 91352
Ion Ratio Lower Upper
130 100
95 97.0 0.0 203.8





#45

1,2-Dichloropropane

Concen: 47.715 ug/l

RT: 9.246 min Scan# 1218

Delta R.T. 0.018 min

Lab File: VY017065.D

Acq: 22 Jan 2024 09:51

Instrument :

MSVOA_Y

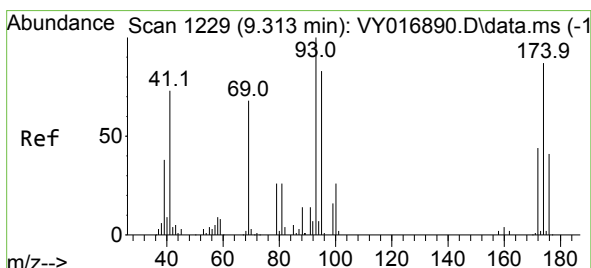
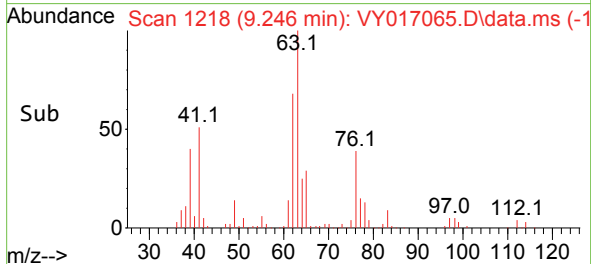
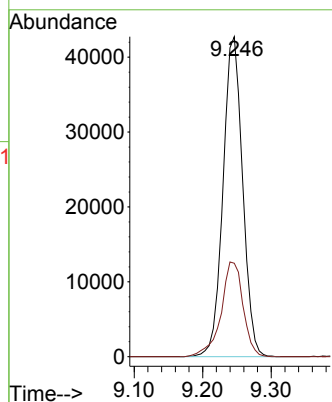
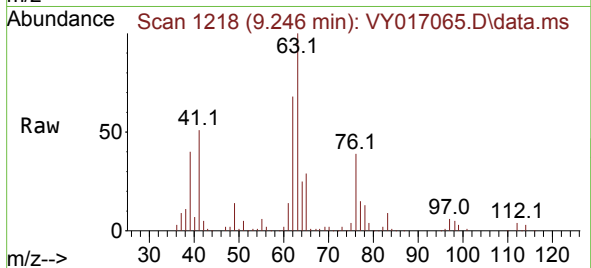
ClientSampleId :

Tgt Ion: 63 Resp: 84538

Ion Ratio Lower Upper

63 100

65 29.2 24.6 36.8



#46

Dibromomethane

Concen: 47.540 ug/l

RT: 9.331 min Scan# 1232

Delta R.T. 0.018 min

Lab File: VY017065.D

Acq: 22 Jan 2024 09:51

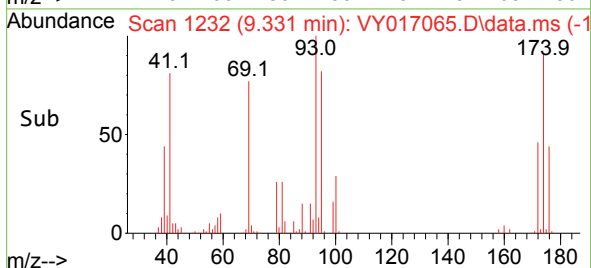
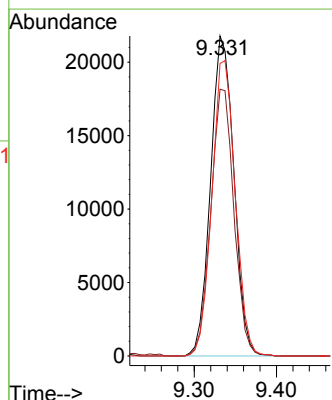
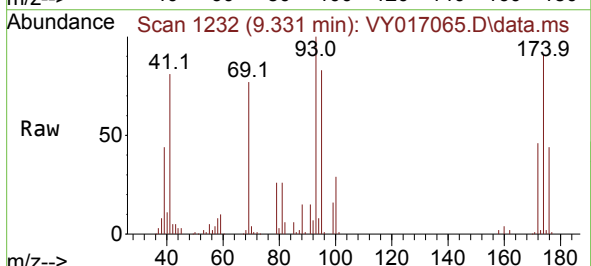
Tgt Ion: 93 Resp: 42956

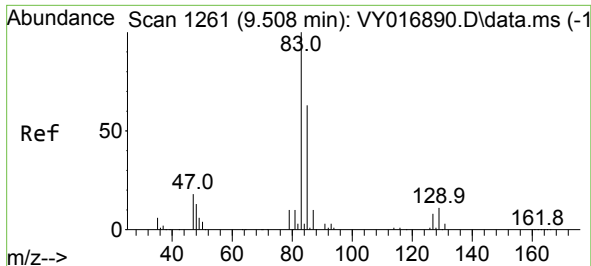
Ion Ratio Lower Upper

93 100

95 82.6 66.6 99.8

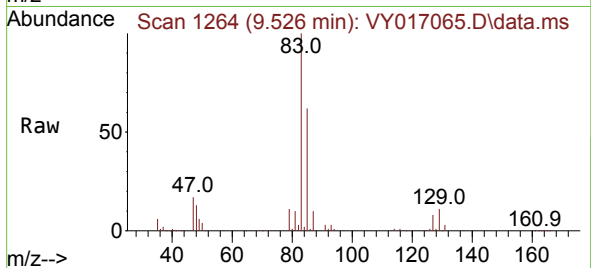
174 92.3 73.8 110.6



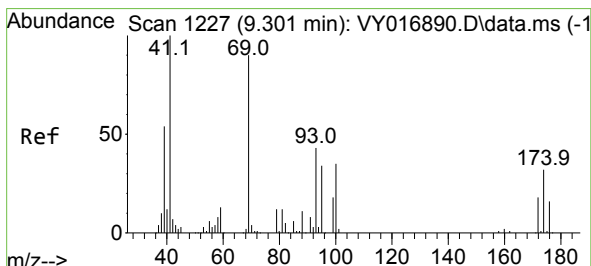
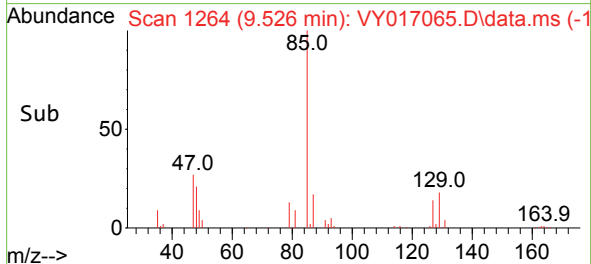
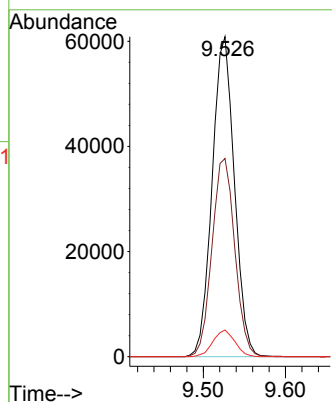


#47
Bromodichloromethane
Concen: 47.115 ug/l
RT: 9.526 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY017065.D
Acq: 22 Jan 2024 09:51

Instrument :
MSVOA_Y
ClientSampleId :

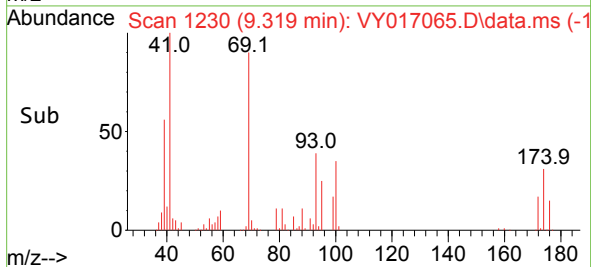
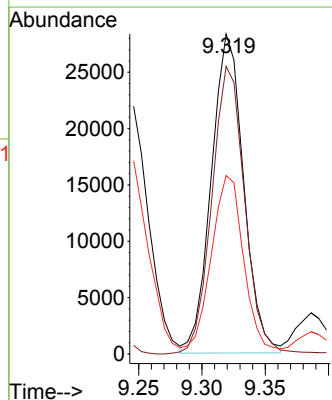
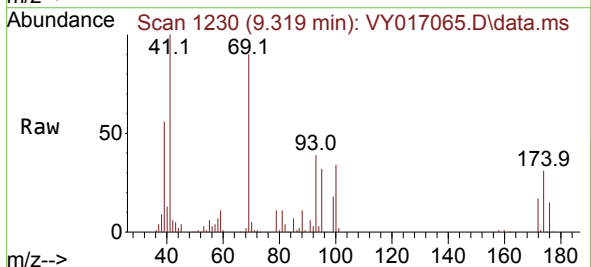


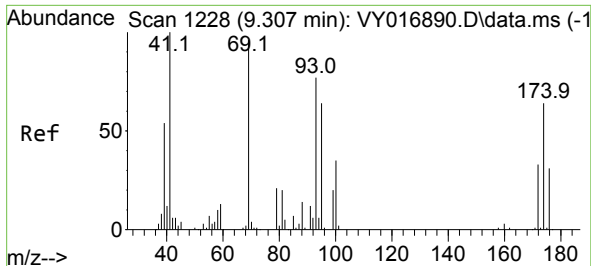
Tgt Ion: 83 Resp: 114319
Ion Ratio Lower Upper
83 100
85 61.9 53.2 79.8
127 8.3 6.4 9.6



#48
Methyl methacrylate
Concen: 46.722 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.018 min
Lab File: VY017065.D
Acq: 22 Jan 2024 09:51

Tgt Ion: 41 Resp: 50305
Ion Ratio Lower Upper
41 100
69 92.1 72.1 108.1
39 53.1 42.8 64.2





#49

1,4-Dioxane

Concen: 845.028 ug/l

RT: 9.325 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017065.D

Acq: 22 Jan 2024 09:51

Instrument :

MSVOA_Y

ClientSampleId :

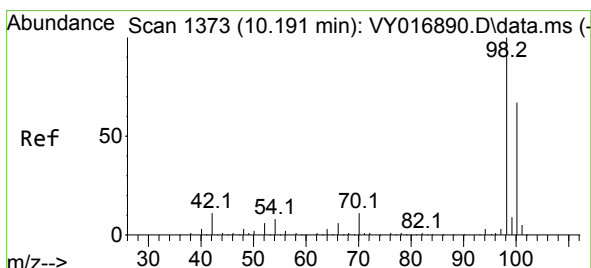
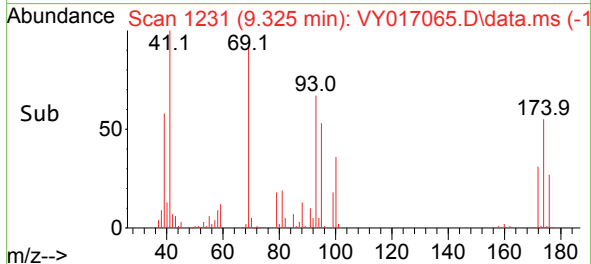
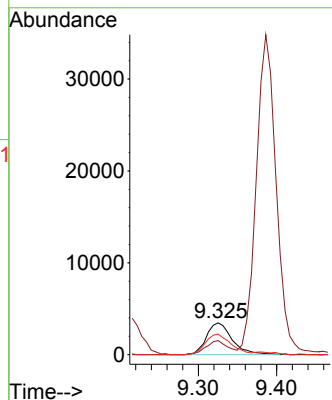
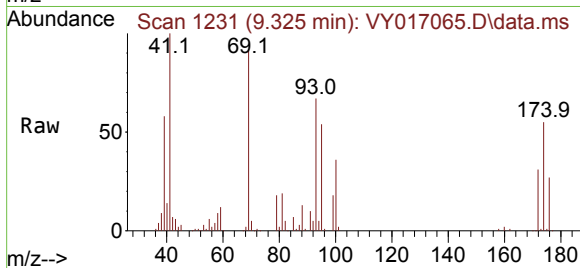
Tgt Ion: 88 Resp: 7906

Ion Ratio Lower Upper

88 100

43 38.6 28.2 42.4

58 64.6 52.2 78.2



#50

Toluene-d8

Concen: 46.672 ug/l

RT: 10.209 min Scan# 1376

Delta R.T. 0.018 min

Lab File: VY017065.D

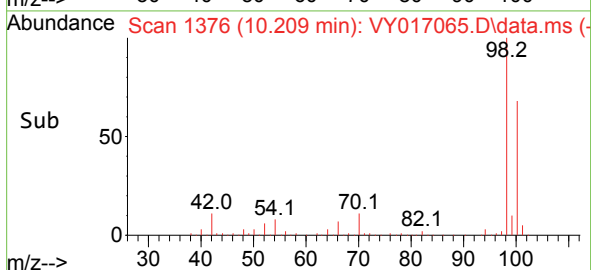
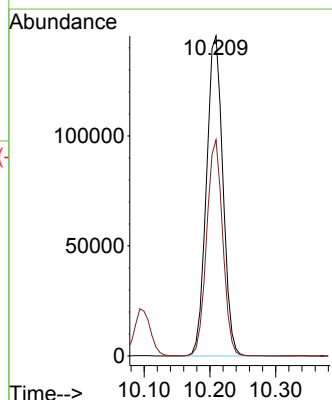
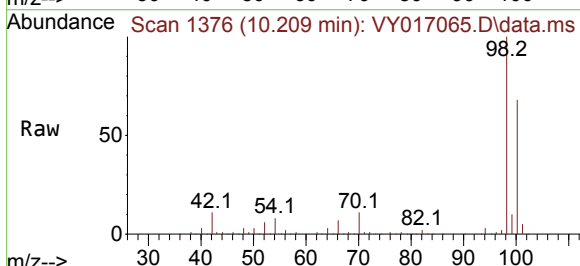
Acq: 22 Jan 2024 09:51

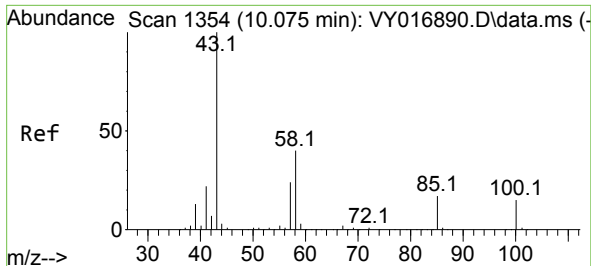
Tgt Ion: 98 Resp: 252817

Ion Ratio Lower Upper

98 100

100 66.0 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 218.326 ug/l

RT: 10.093 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017065.D

Acq: 22 Jan 2024 09:51

Instrument :

MSVOA_Y

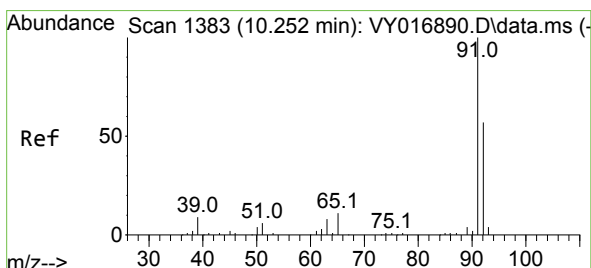
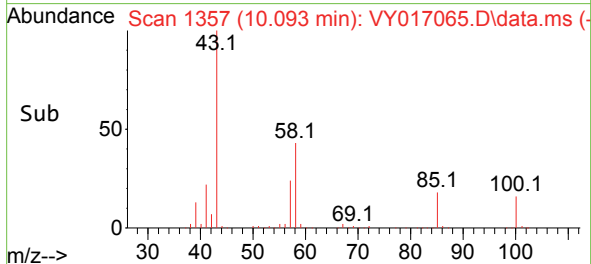
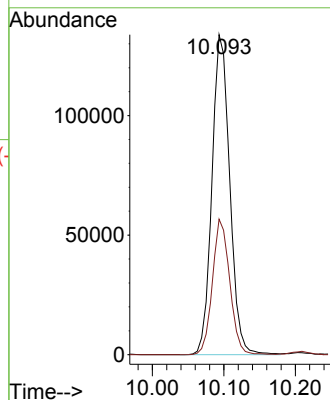
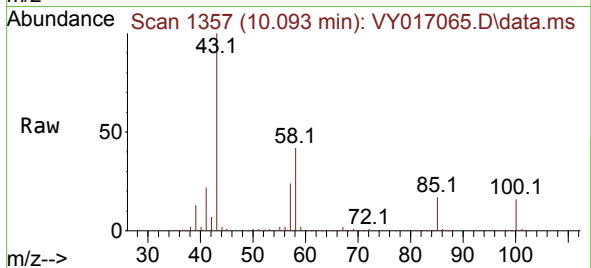
ClientSampleId :

Tgt Ion: 43 Resp: 231648

Ion Ratio Lower Upper

43 100

58 41.2 32.2 48.2



#52

Toluene

Concen: 52.054 ug/l

RT: 10.270 min Scan# 1386

Delta R.T. 0.018 min

Lab File: VY017065.D

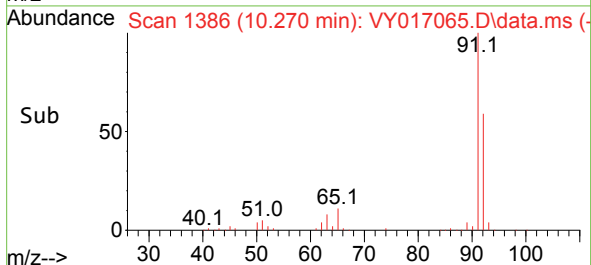
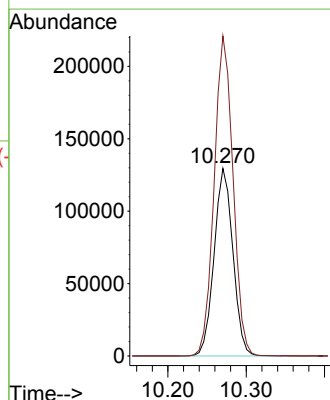
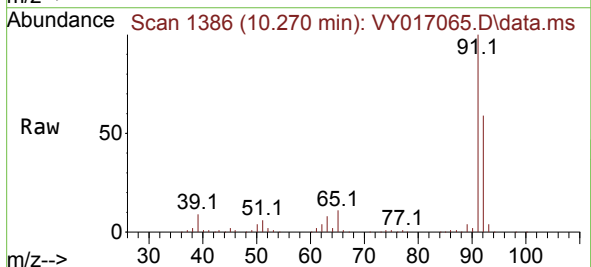
Acq: 22 Jan 2024 09:51

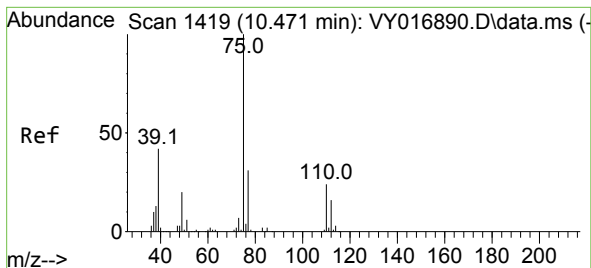
Tgt Ion: 92 Resp: 216043

Ion Ratio Lower Upper

92 100

91 171.4 137.6 206.4

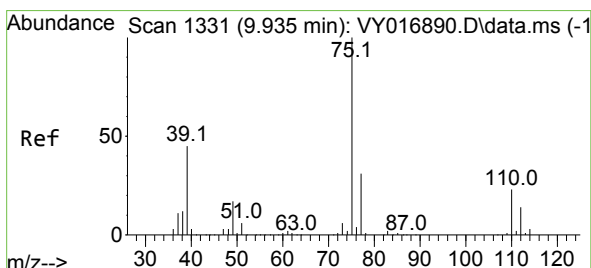
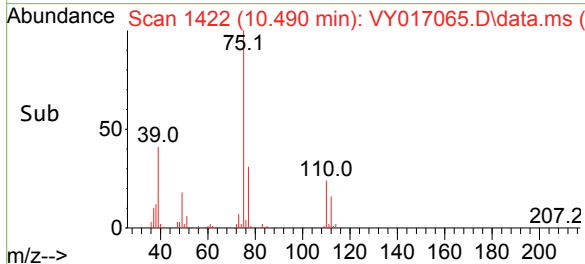
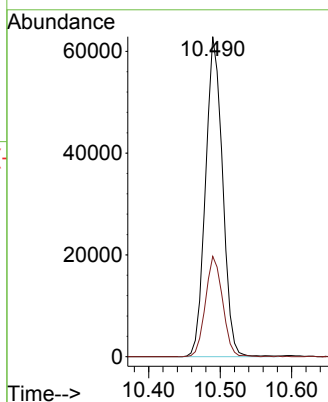
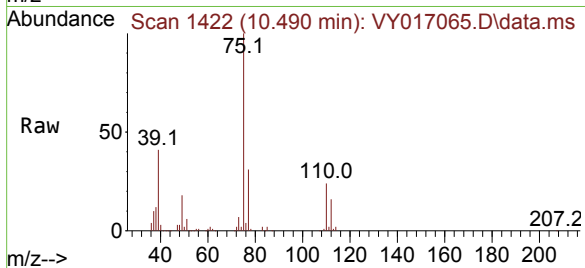




#53
 t-1,3-Dichloropropene
 Concen: 47.904 ug/l
 RT: 10.490 min Scan# 1419
 Delta R.T. 0.019 min
 Lab File: VY017065.D
 Acq: 22 Jan 2024 09:51

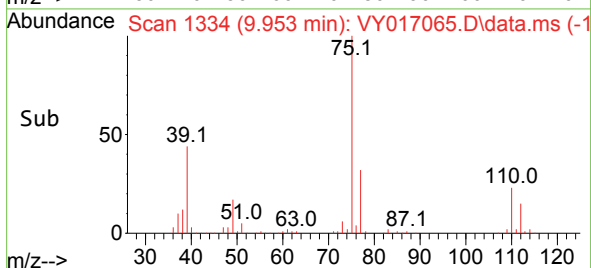
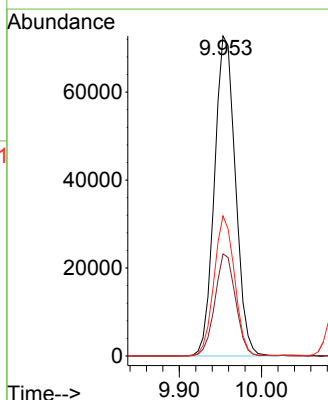
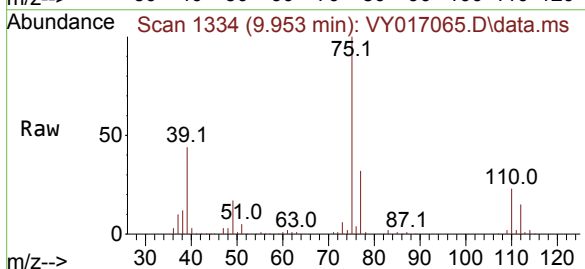
Instrument :
 MSVOA_Y
 ClientSampleId :

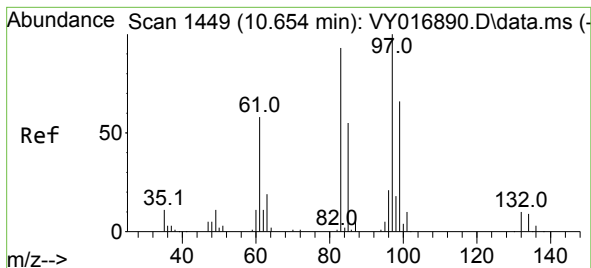
Tgt Ion: 75 Resp: 104114
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 49.533 ug/l
 RT: 9.953 min Scan# 1334
 Delta R.T. 0.012 min
 Lab File: VY017065.D
 Acq: 22 Jan 2024 09:51

Tgt Ion: 75 Resp: 129285
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.6 36.8
 39 43.8 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 44.894 ug/l

RT: 10.673 min Scan# 1449

Delta R.T. 0.019 min

Lab File: VY017065.D

Acq: 22 Jan 2024 09:51

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 59263

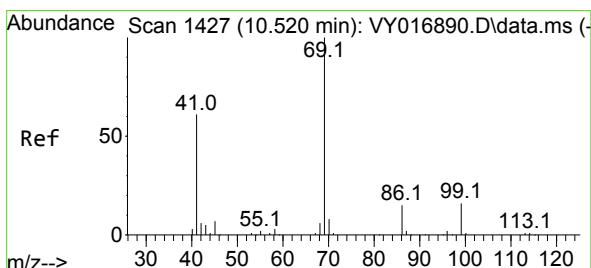
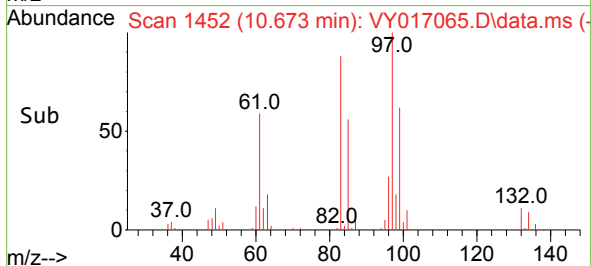
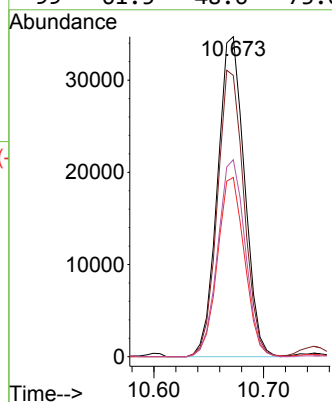
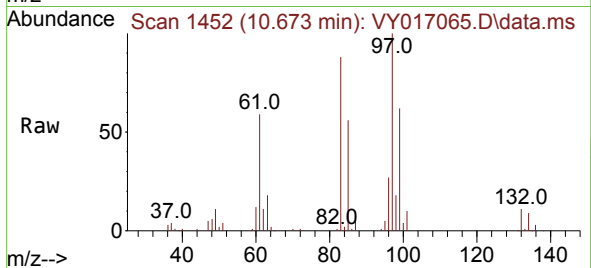
Ion Ratio Lower Upper

97 100

83 87.9 69.4 104.2

85 56.0 43.9 65.9

99 61.5 48.6 73.0



#56

Ethyl methacrylate

Concen: 47.762 ug/l

RT: 10.532 min Scan# 1429

Delta R.T. 0.012 min

Lab File: VY017065.D

Acq: 22 Jan 2024 09:51

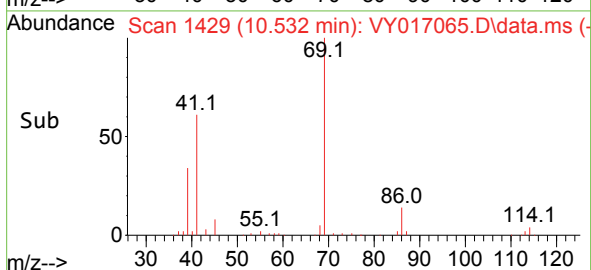
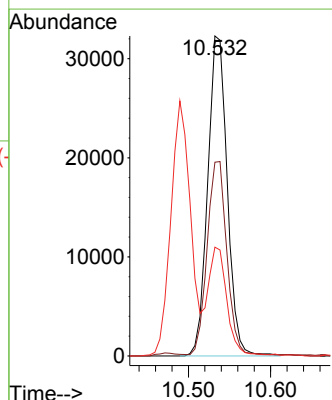
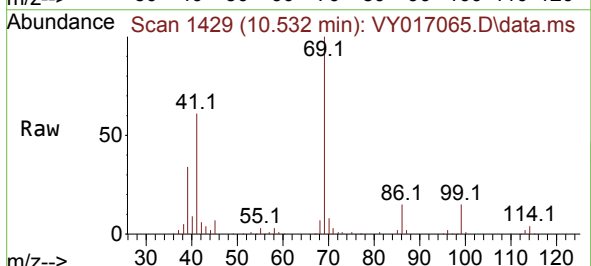
Tgt Ion: 69 Resp: 53403

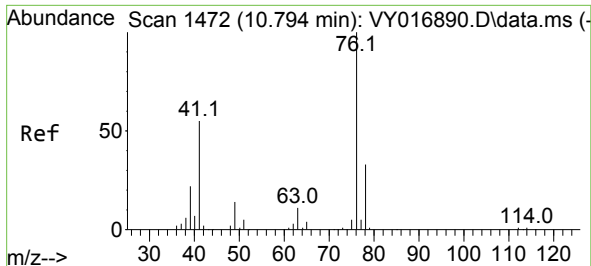
Ion Ratio Lower Upper

69 100

41 60.8 49.2 73.8

39 32.4 26.8 40.2

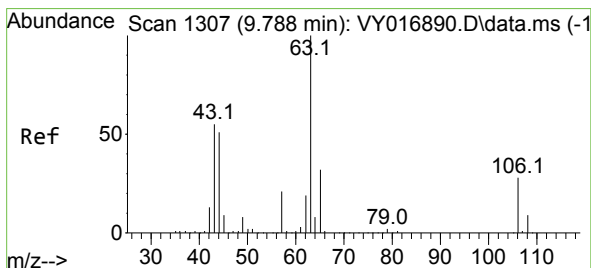
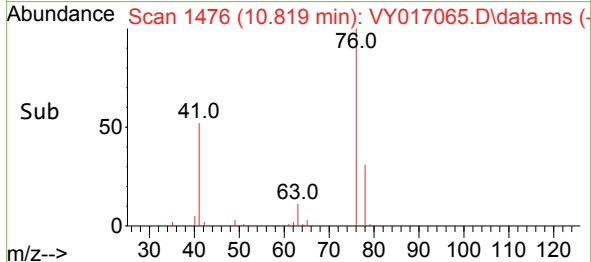
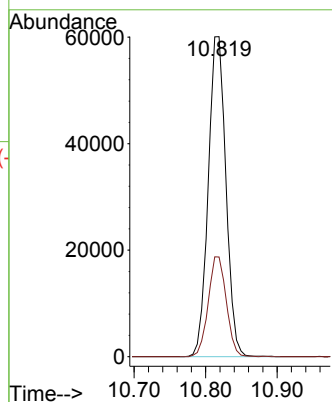
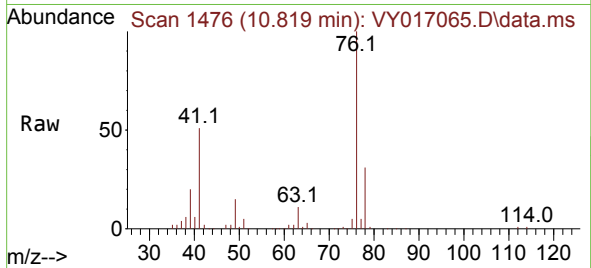




#57
1,3-Dichloropropane
Concen: 46.775 ug/l
RT: 10.819 min Scan# 1476
Delta R.T. 0.019 min
Lab File: VY017065.D
Acq: 22 Jan 2024 09:51

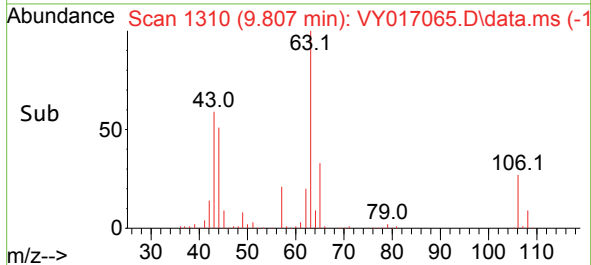
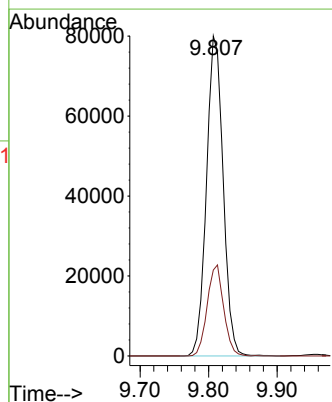
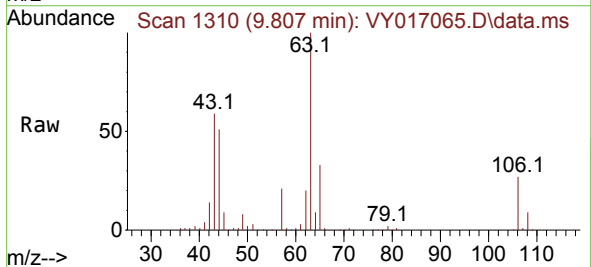
Instrument :
MSVOA_Y
ClientSampleId :

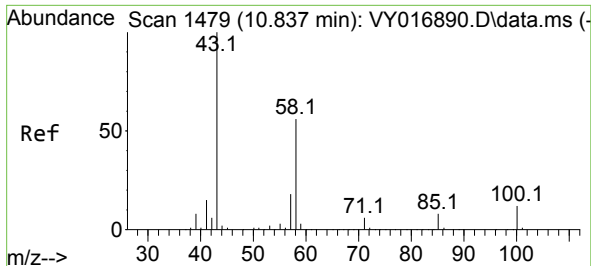
Tgt Ion: 76 Resp: 103091
Ion Ratio Lower Upper
76 100
78 31.9 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 196.810 ug/l
RT: 9.807 min Scan# 1310
Delta R.T. 0.019 min
Lab File: VY017065.D
Acq: 22 Jan 2024 09:51

Tgt Ion: 63 Resp: 135665
Ion Ratio Lower Upper
63 100
106 28.0 22.4 33.6

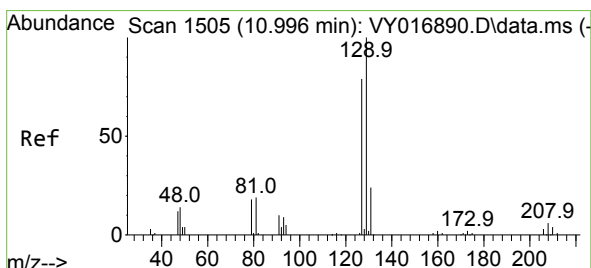
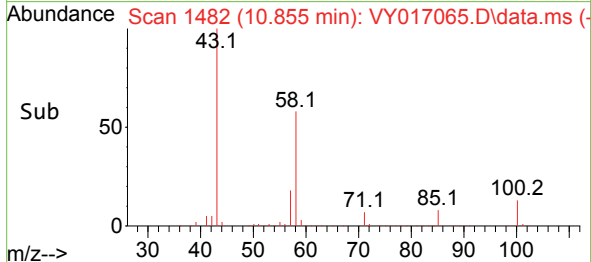
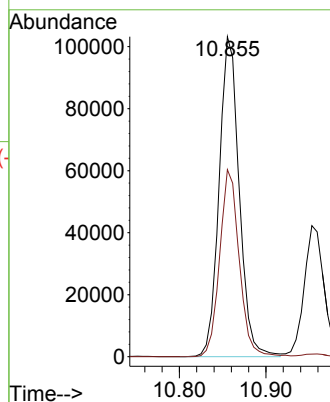
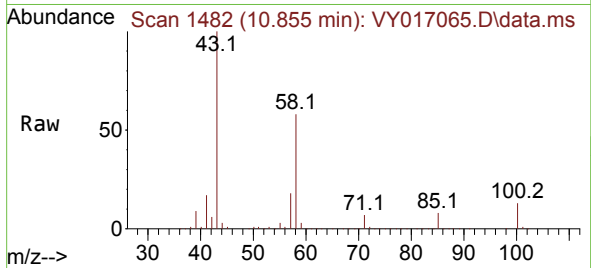




#59
2-Hexanone
Concen: 212.608 ug/l
RT: 10.855 min Scan# 1479
Delta R.T. 0.012 min
Lab File: VY017065.D
Acq: 22 Jan 2024 09:51

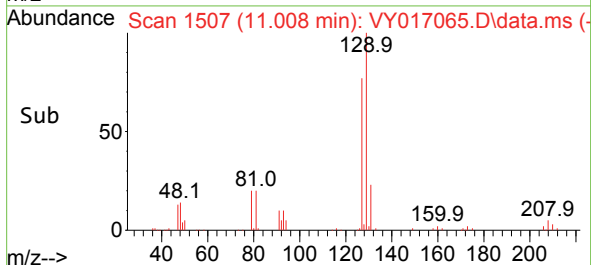
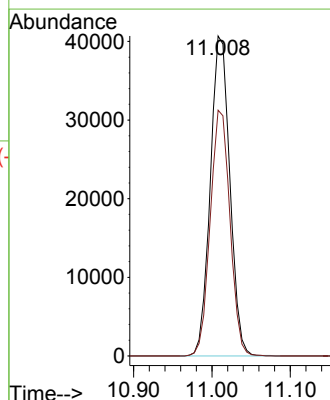
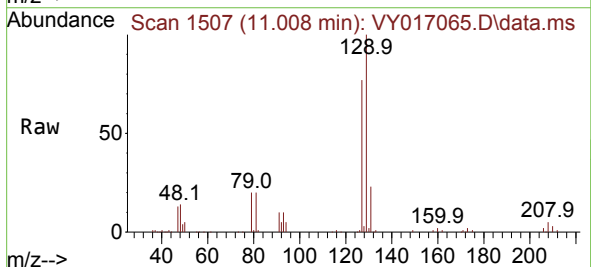
Instrument :
MSVOA_Y
ClientSampleId :

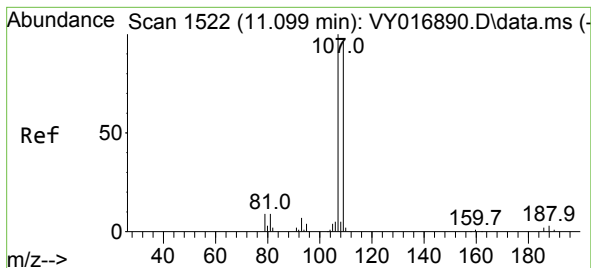
Tgt Ion: 43 Resp: 166102
Ion Ratio Lower Upper
43 100
58 57.0 28.1 84.3



#60
Dibromochloromethane
Concen: 46.287 ug/l
RT: 11.008 min Scan# 1507
Delta R.T. 0.012 min
Lab File: VY017065.D
Acq: 22 Jan 2024 09:51

Tgt Ion: 129 Resp: 70463
Ion Ratio Lower Upper
129 100
127 77.5 39.2 117.6

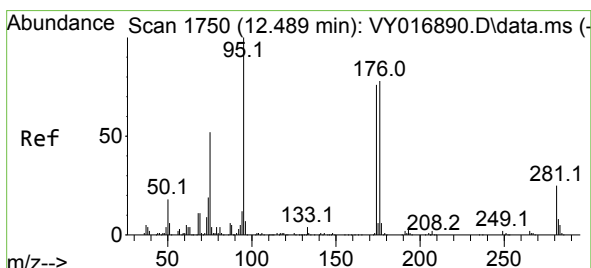
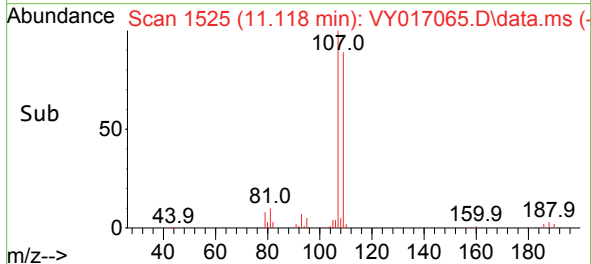
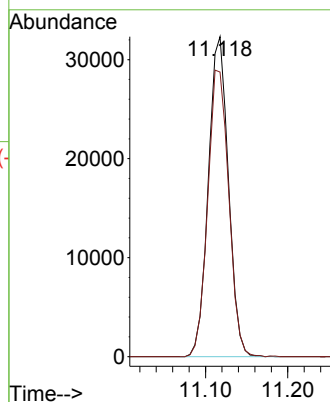
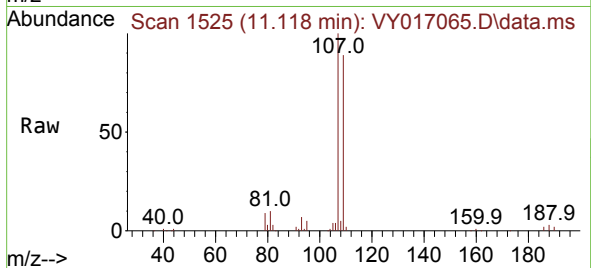




#61
1,2-Dibromoethane
Concen: 47.735 ug/l
RT: 11.118 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY017065.D
Acq: 22 Jan 2024 09:51

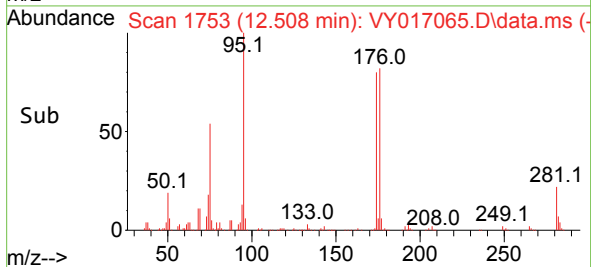
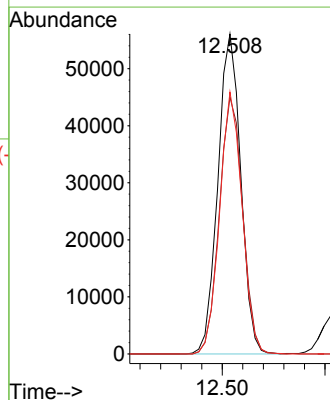
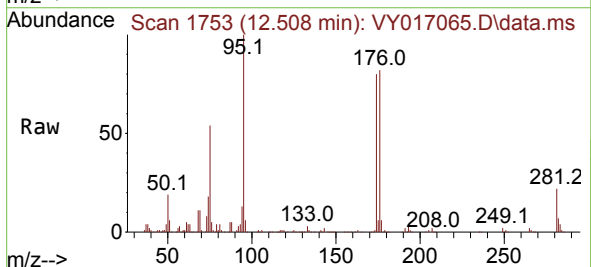
Instrument :
MSVOA_Y
ClientSampleId :

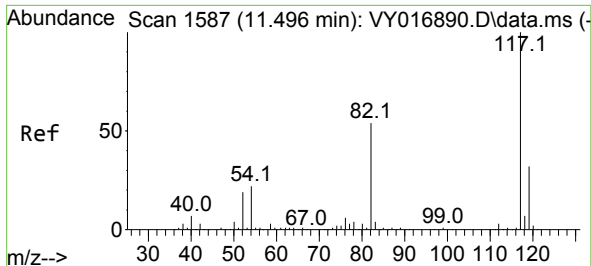
Tgt Ion:107 Resp: 54748
Ion Ratio Lower Upper
107 100
109 93.8 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 47.367 ug/l
RT: 12.508 min Scan# 1753
Delta R.T. 0.019 min
Lab File: VY017065.D
Acq: 22 Jan 2024 09:51

Tgt Ion: 95 Resp: 86568
Ion Ratio Lower Upper
95 100
174 81.6 0.0 160.0
176 80.1 0.0 151.8

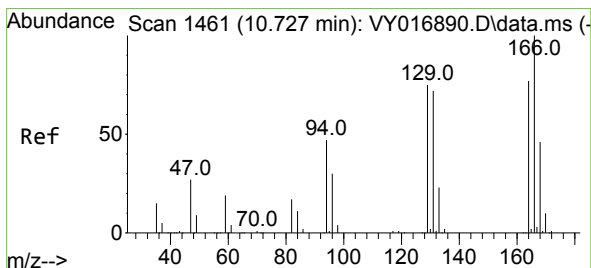
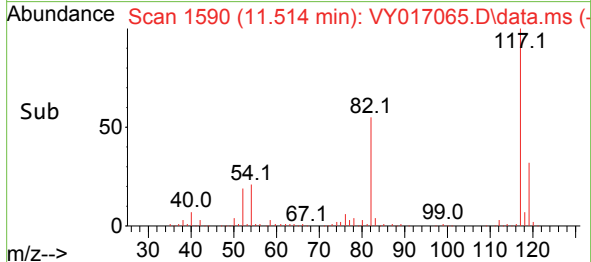
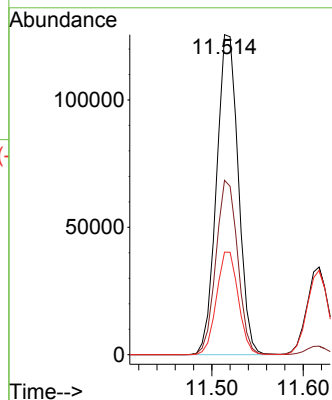
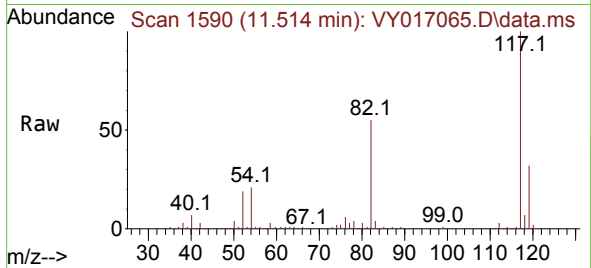




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017065.D
Acq: 22 Jan 2024 09:51

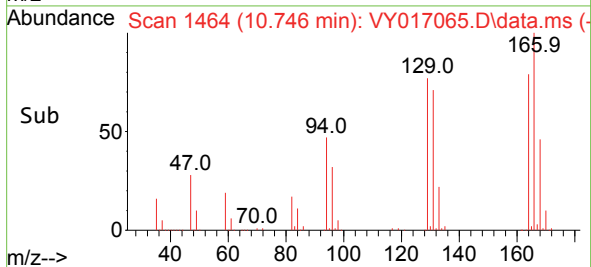
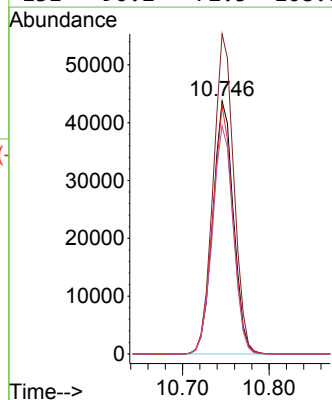
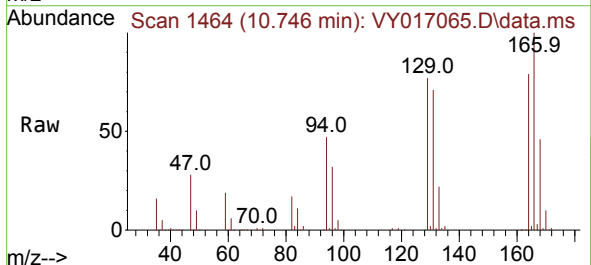
Instrument :
MSVOA_Y
ClientSampleId :

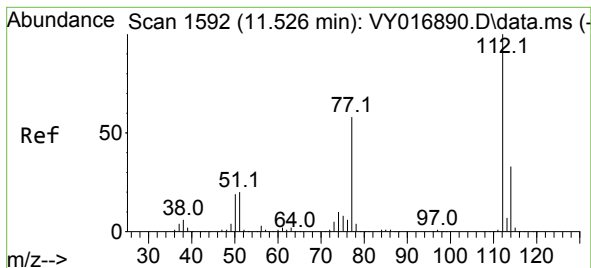
Tgt Ion:117 Resp: 208209
Ion Ratio Lower Upper
117 100
82 54.5 43.8 65.8
119 32.0 26.5 39.7



#64
Tetrachloroethene
Concen: 53.609 ug/l
RT: 10.746 min Scan# 1464
Delta R.T. 0.019 min
Lab File: VY017065.D
Acq: 22 Jan 2024 09:51

Tgt Ion:164 Resp: 72364
Ion Ratio Lower Upper
164 100
166 126.6 98.8 148.2
129 98.1 78.9 118.3
131 90.2 72.5 108.7





#65

Chlorobenzene

Concen: 50.458 ug/l

RT: 11.544 min Scan# 11

Delta R.T. 0.018 min

Lab File: VY017065.D

Acq: 22 Jan 2024 09:51

Instrument :

MSVOA_Y

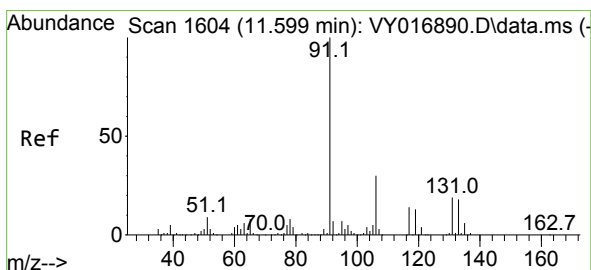
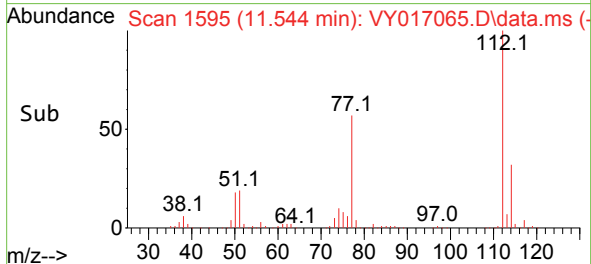
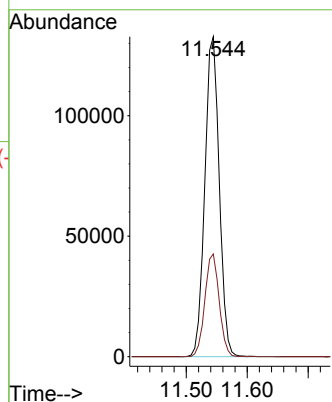
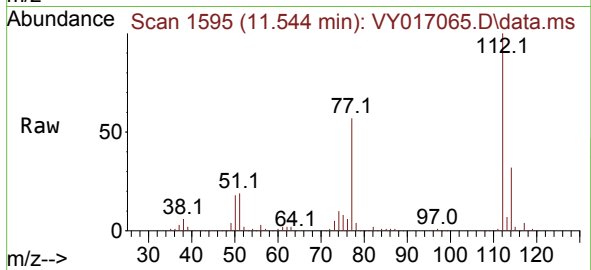
ClientSampleId :

Tgt Ion:112 Resp: 218856

Ion Ratio Lower Upper

112 100

114 32.1 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 48.326 ug/l

RT: 11.617 min Scan# 1607

Delta R.T. 0.018 min

Lab File: VY017065.D

Acq: 22 Jan 2024 09:51

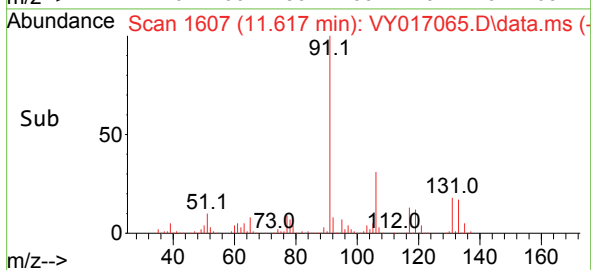
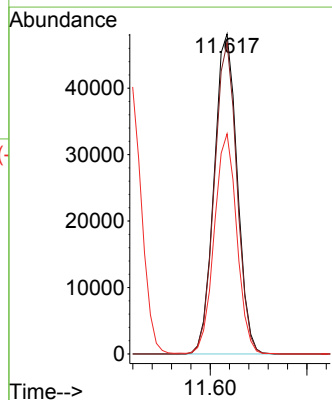
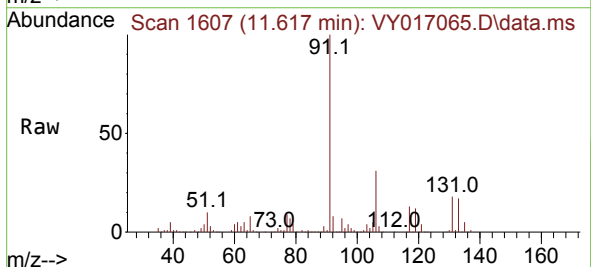
Tgt Ion:131 Resp: 79681

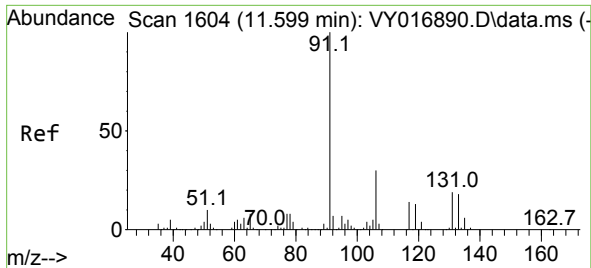
Ion Ratio Lower Upper

131 100

133 95.2 47.0 141.0

119 67.3 33.3 99.9

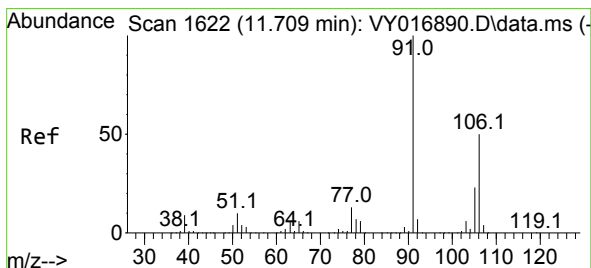
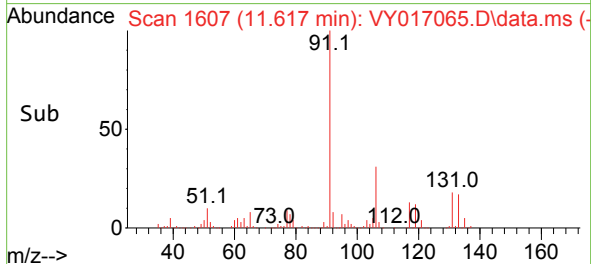
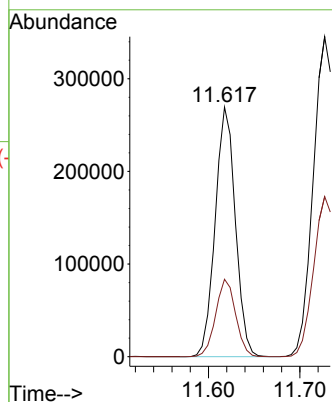
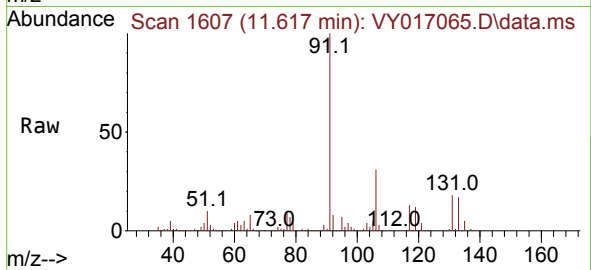




#67
Ethyl Benzene
Concen: 52.876 ug/l
RT: 11.617 min Scan# 1607
Delta R.T. 0.018 min
Lab File: VY017065.D
Acq: 22 Jan 2024 09:51

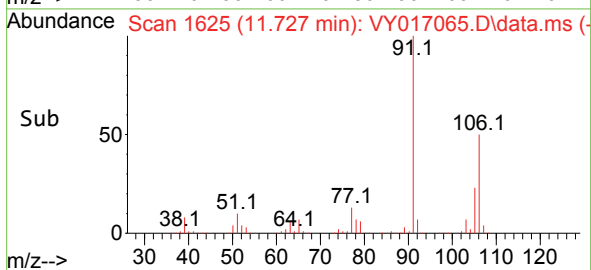
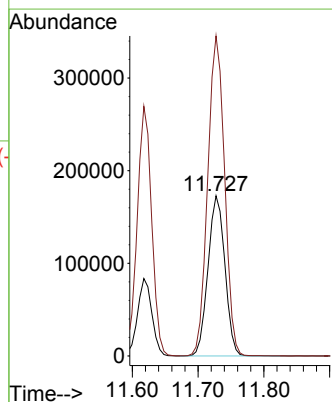
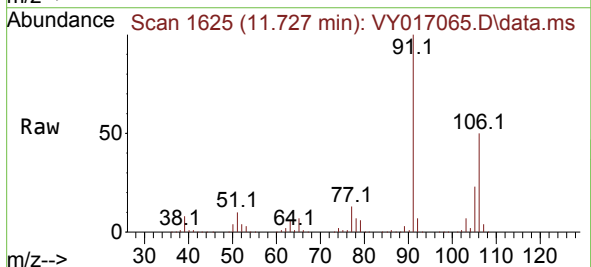
Instrument :
MSVOA_Y
ClientSampleId :

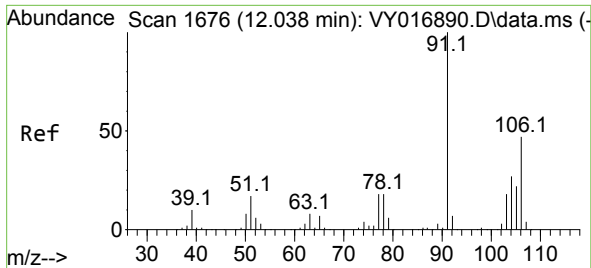
Tgt Ion: 91 Resp: 412893
Ion Ratio Lower Upper
91 100
106 31.0 25.0 37.4



#68
m/p-Xylenes
Concen: 107.777 ug/l
RT: 11.727 min Scan# 1625
Delta R.T. 0.018 min
Lab File: VY017065.D
Acq: 22 Jan 2024 09:51

Tgt Ion:106 Resp: 308920
Ion Ratio Lower Upper
106 100
91 199.7 160.7 241.1

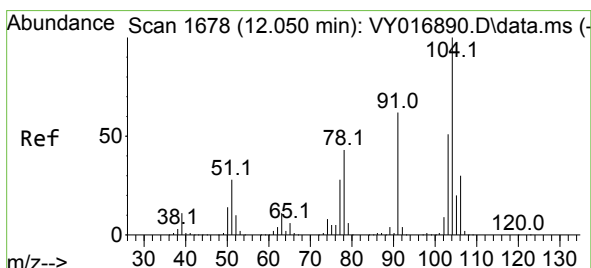
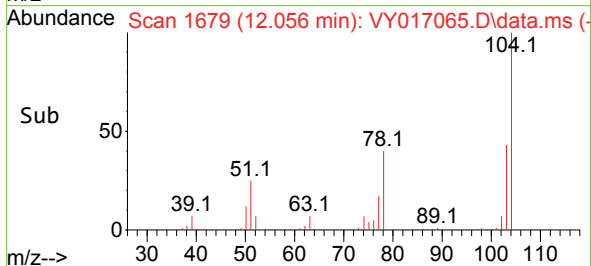
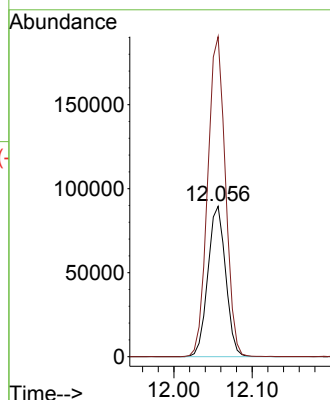
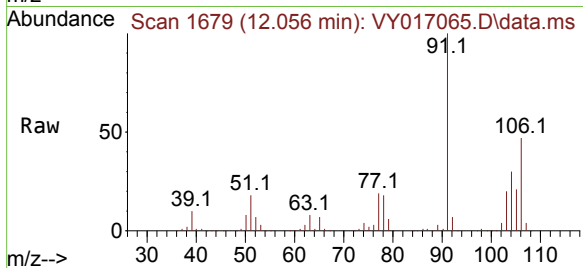




#69
o-Xylene
Concen: 52.508 ug/l
RT: 12.056 min Scan# 1680
Delta R.T. 0.018 min
Lab File: VY017065.D
Acq: 22 Jan 2024 09:51

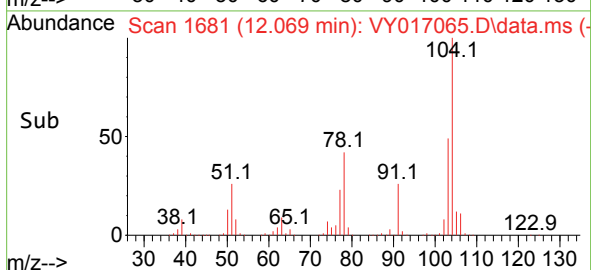
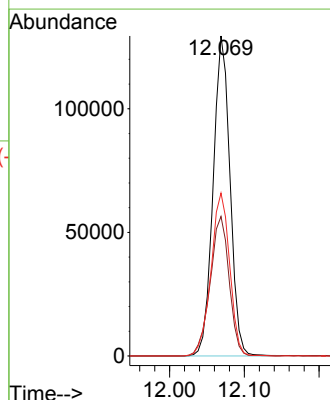
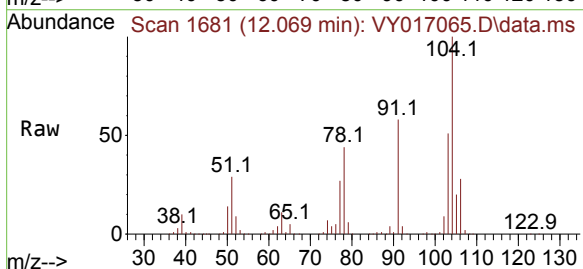
Instrument :
MSVOA_Y
ClientSampleId :

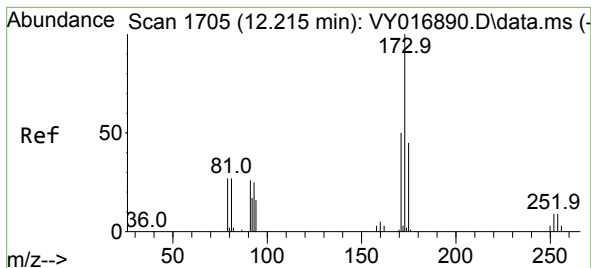
Tgt Ion:106 Resp: 141093
Ion Ratio Lower Upper
106 100
91 212.0 106.5 319.5



#70
Styrene
Concen: 52.120 ug/l
RT: 12.069 min Scan# 1681
Delta R.T. 0.019 min
Lab File: VY017065.D
Acq: 22 Jan 2024 09:51

Tgt Ion:104 Resp: 203832
Ion Ratio Lower Upper
104 100
78 48.9 39.2 58.8
103 56.2 43.8 65.6





#71

Bromoform

Concen: 47.009 ug/l

RT: 12.233 min Scan# 11

Delta R.T. 0.018 min

Lab File: VY017065.D

Acq: 22 Jan 2024 09:51

Instrument :

MSVOA_Y

ClientSampleId :

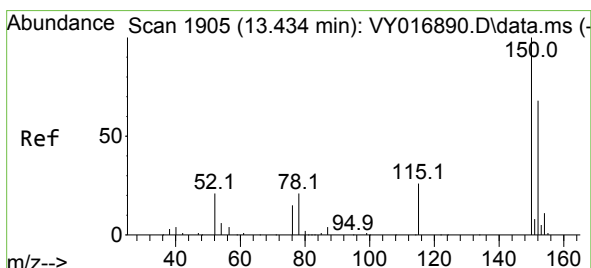
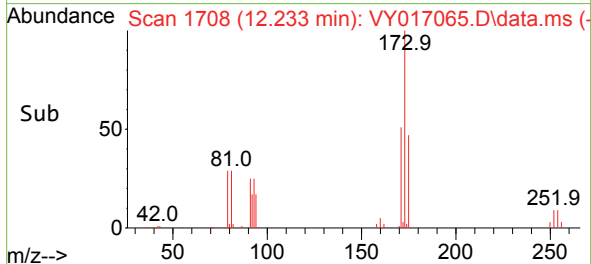
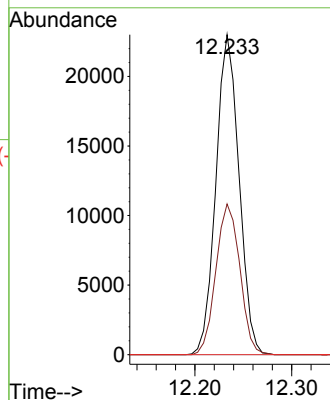
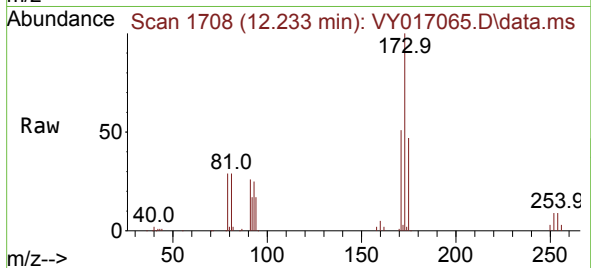
Tgt Ion:173 Resp: 38157

Ion Ratio Lower Upper

173 100

175 48.8 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.019 min

Lab File: VY017065.D

Acq: 22 Jan 2024 09:51

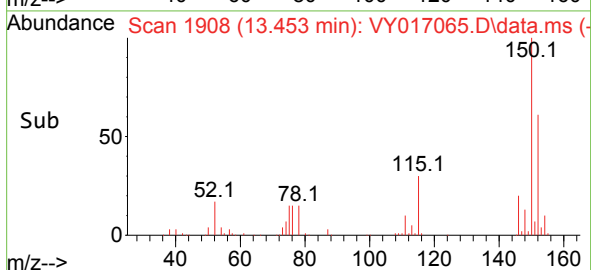
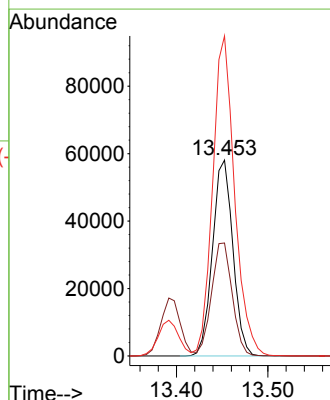
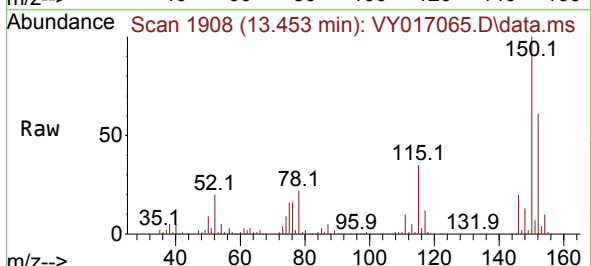
Tgt Ion:152 Resp: 89898

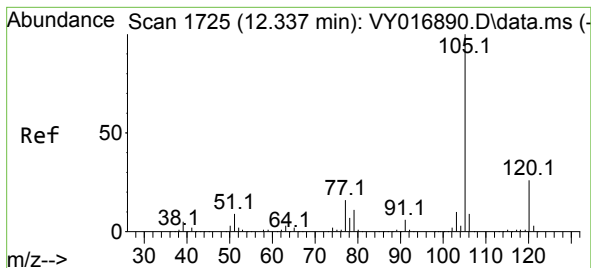
Ion Ratio Lower Upper

152 100

115 58.2 30.0 90.0

150 175.5 0.0 344.6





#73

Isopropylbenzene

Concen: 52.750 ug/l

RT: 12.355 min Scan# 1728

Delta R.T. 0.018 min

Lab File: VY017065.D

Acq: 22 Jan 2024 09:51

Instrument :

MSVOA_Y

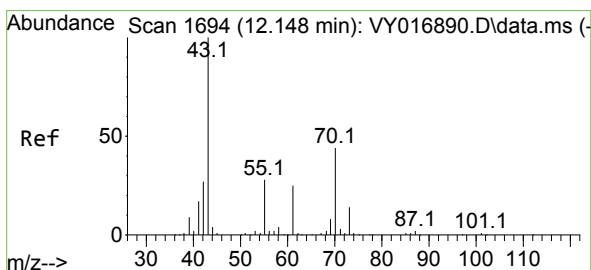
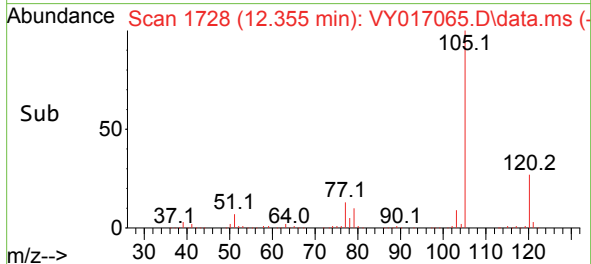
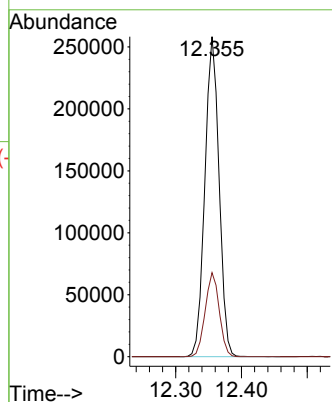
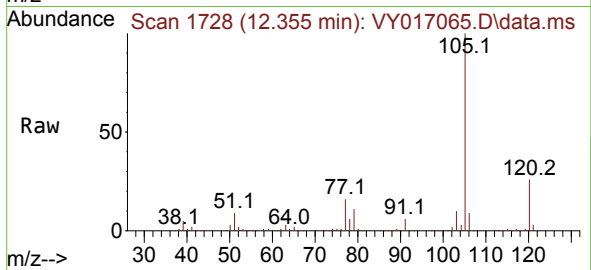
ClientSampleId :

Tgt Ion:105 Resp: 387242

Ion Ratio Lower Upper

105 100

120 26.0 13.0 39.0



#74

N-ethyl acetate

Concen: 44.864 ug/l

RT: 12.166 min Scan# 1697

Delta R.T. 0.012 min

Lab File: VY017065.D

Acq: 22 Jan 2024 09:51

Tgt Ion: 43 Resp: 66171

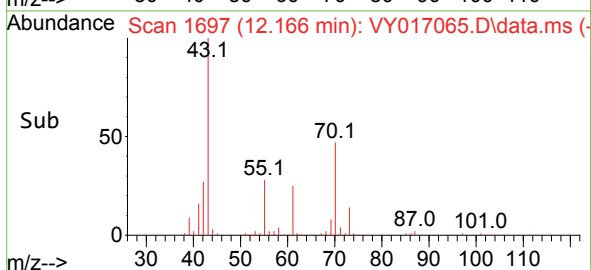
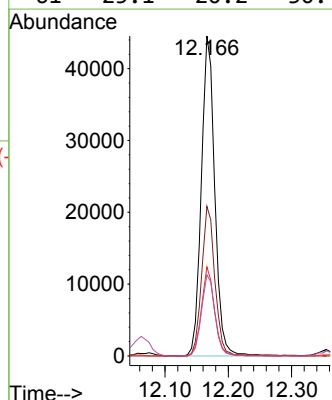
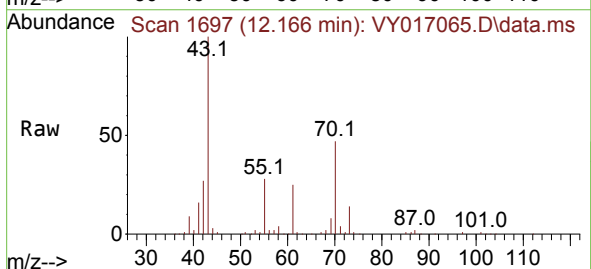
Ion Ratio Lower Upper

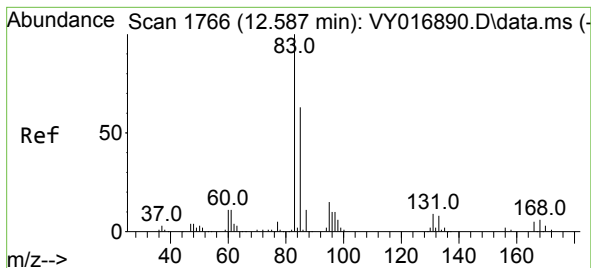
43 100

70 46.1 36.6 55.0

55 27.3 22.2 33.4

61 25.1 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 43.281 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.012 min

Lab File: VY017065.D

Acq: 22 Jan 2024 09:51

Instrument :

MSVOA_Y

ClientSampleId :

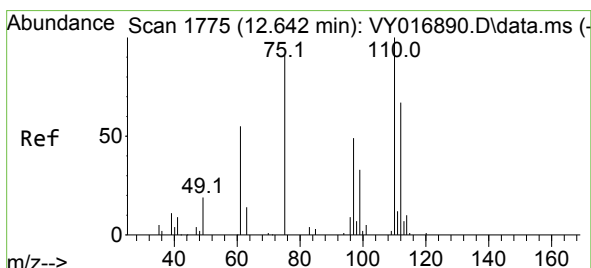
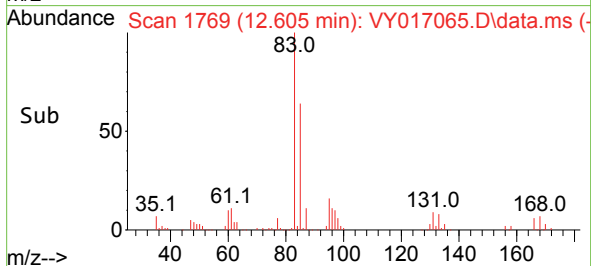
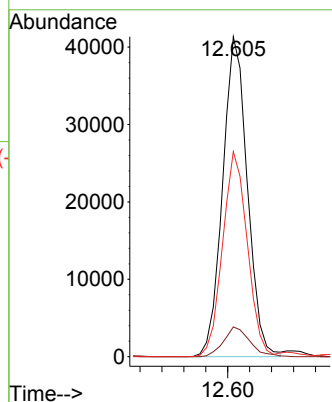
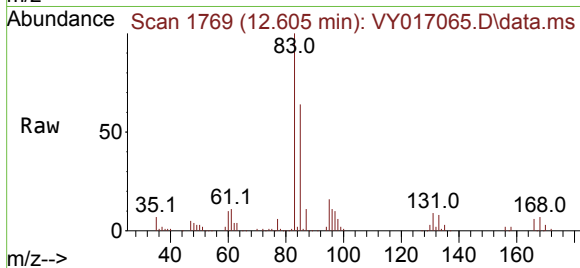
Tgt Ion: 83 Resp: 64739

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.6

85 64.3 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 81.910 ug/l

RT: 12.660 min Scan# 1778

Delta R.T. 0.018 min

Lab File: VY017065.D

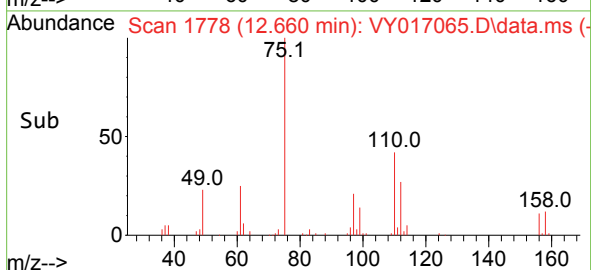
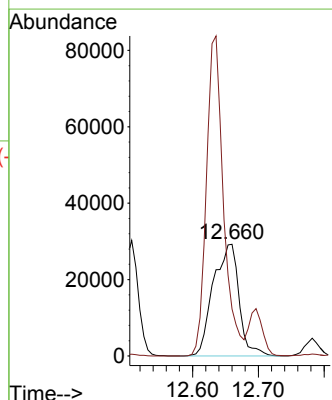
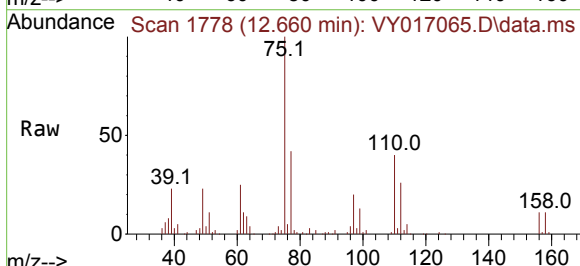
Acq: 22 Jan 2024 09:51

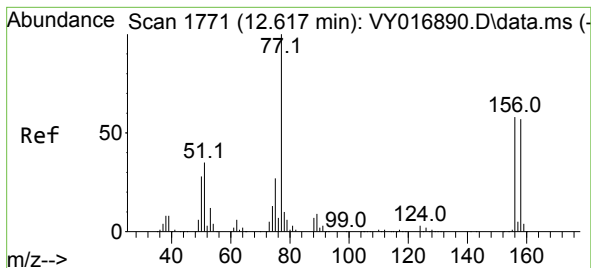
Tgt Ion: 75 Resp: 79908

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.071 ug/l

RT: 12.636 min Scan# 1

Delta R.T. 0.019 min

Lab File: VY017065.D

Acq: 22 Jan 2024 09:51

Instrument :

MSVOA_Y

ClientSampleId :

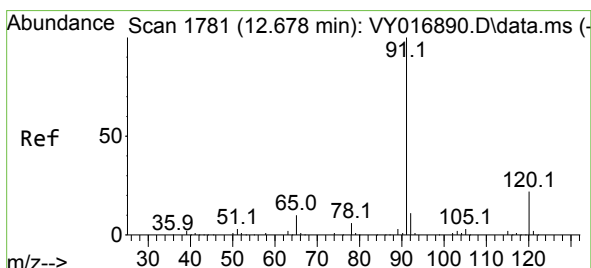
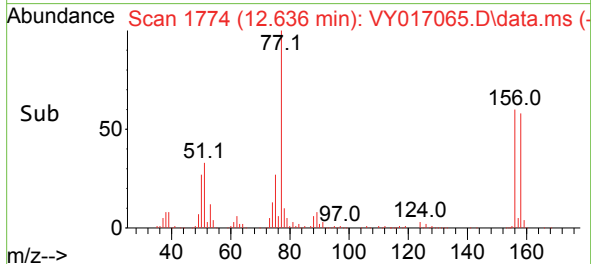
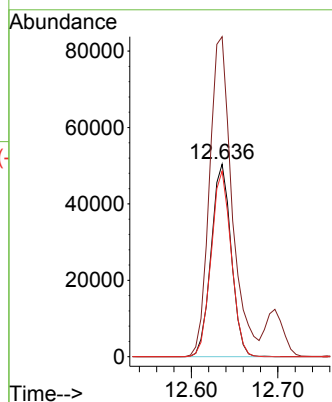
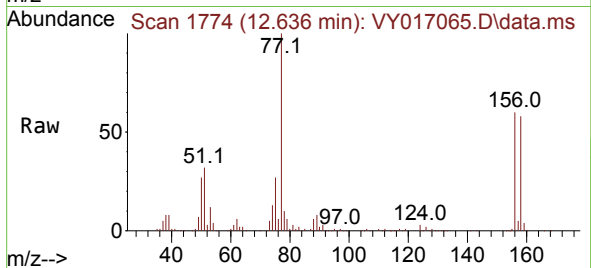
Tgt Ion:156 Resp: 80929

Ion Ratio Lower Upper

156 100

77 187.4 97.3 291.8

158 96.7 48.4 145.0



#78

n-propylbenzene

Concen: 52.422 ug/l

RT: 12.697 min Scan# 1784

Delta R.T. 0.019 min

Lab File: VY017065.D

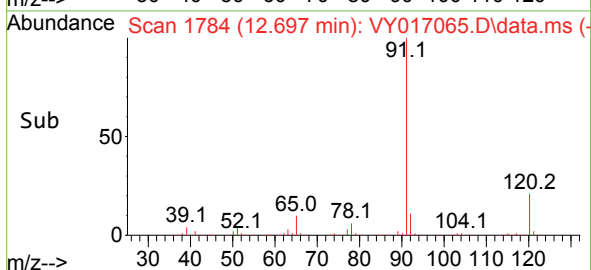
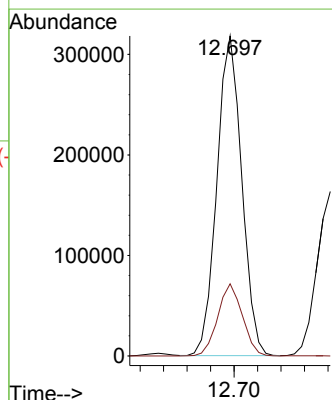
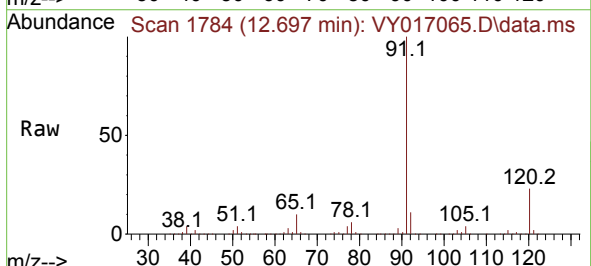
Acq: 22 Jan 2024 09:51

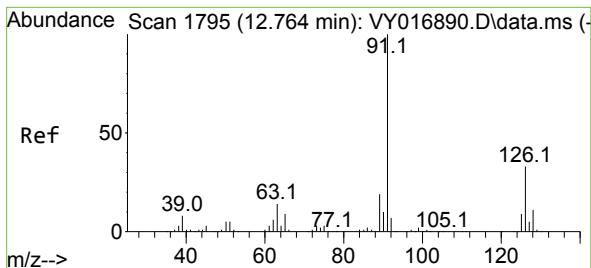
Tgt Ion: 91 Resp: 467851

Ion Ratio Lower Upper

91 100

120 22.3 11.0 33.0





#79

2-Chlorotoluene

Concen: 50.373 ug/l

RT: 12.782 min Scan# 1

Delta R.T. 0.019 min

Lab File: VY017065.D

Acq: 22 Jan 2024 09:51

Instrument :

MSVOA_Y

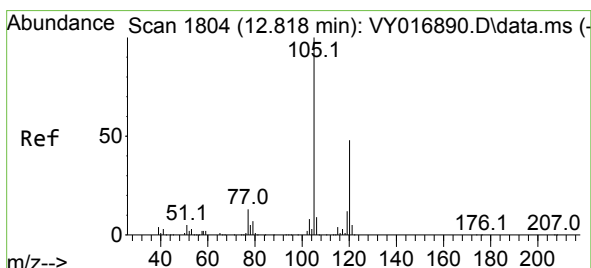
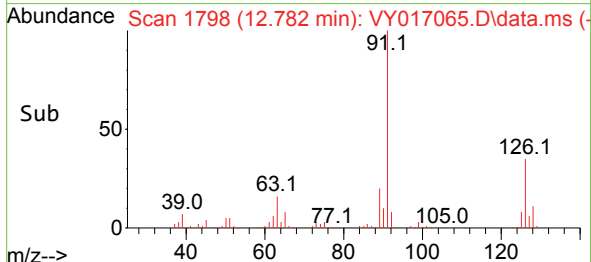
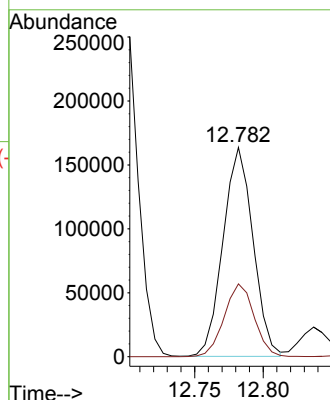
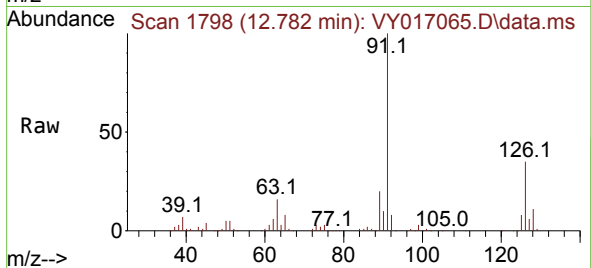
ClientSampleId :

Tgt Ion: 91 Resp: 249293

Ion Ratio Lower Upper

91 100

126 34.8 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 53.094 ug/l

RT: 12.837 min Scan# 1807

Delta R.T. 0.019 min

Lab File: VY017065.D

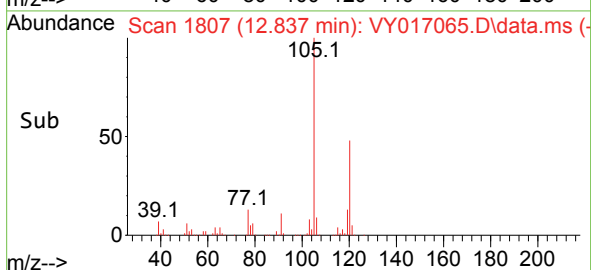
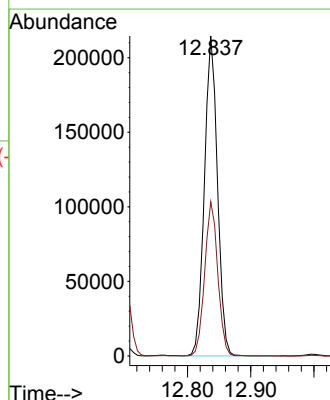
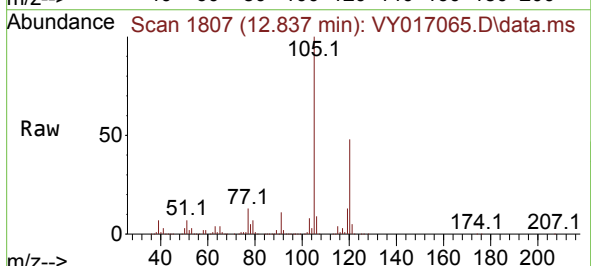
Acq: 22 Jan 2024 09:51

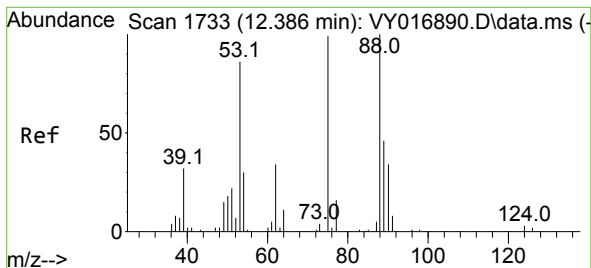
Tgt Ion:105 Resp: 308259

Ion Ratio Lower Upper

105 100

120 48.4 24.3 72.8

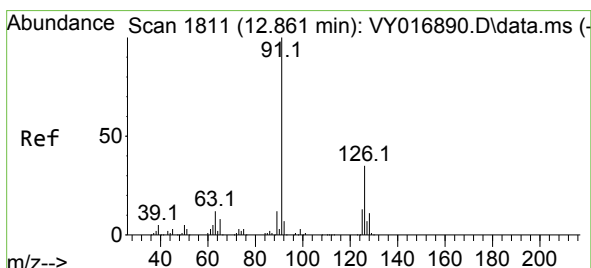
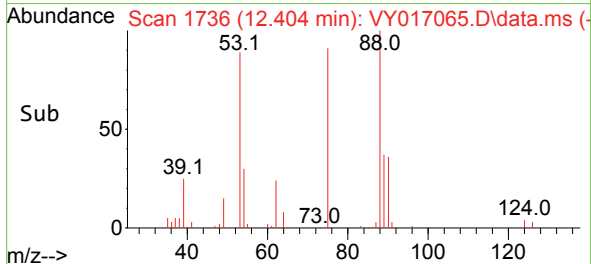
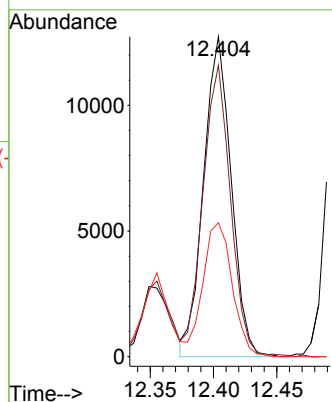
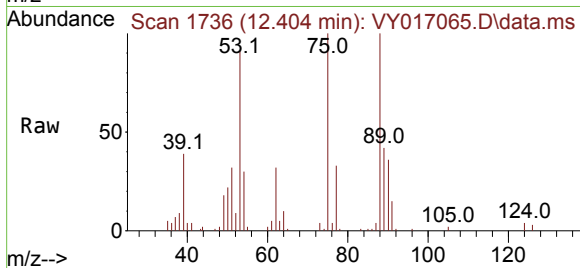




#81
trans-1,4-Dichloro-2-butene
Concen: 44.989 ug/l
RT: 12.404 min Scan# 1736
Delta R.T. 0.019 min
Lab File: VY017065.D
Acq: 22 Jan 2024 09:51

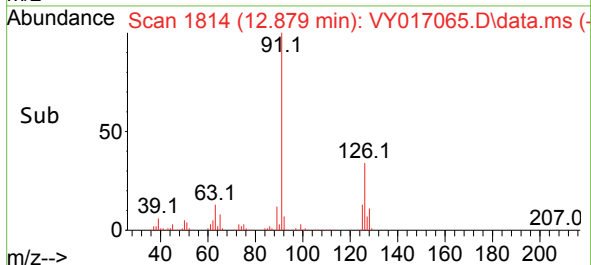
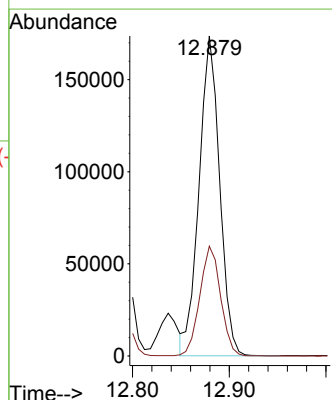
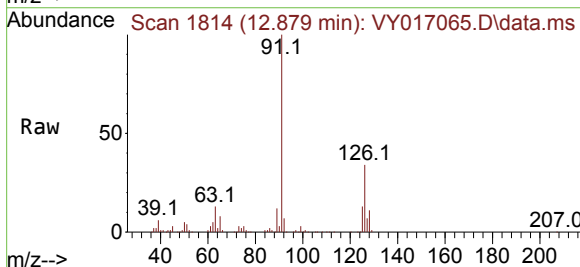
Instrument :
MSVOA_Y
ClientSampleId :

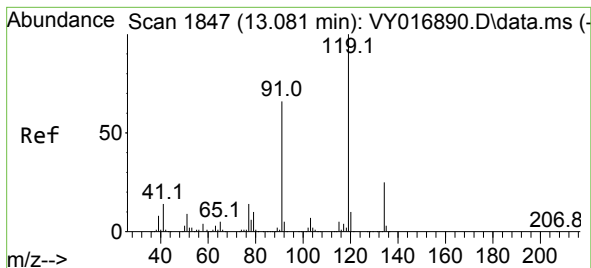
Tgt Ion: 75 Resp: 19328
Ion Ratio Lower Upper
75 100
53 91.4 74.0 111.0
89 43.9 36.5 54.7



#82
4-Chlorotoluene
Concen: 50.758 ug/l
RT: 12.879 min Scan# 1814
Delta R.T. 0.018 min
Lab File: VY017065.D
Acq: 22 Jan 2024 09:51

Tgt Ion: 91 Resp: 256631
Ion Ratio Lower Upper
91 100
126 34.8 17.1 51.2





#83

tert-Butylbenzene

Concen: 52.118 ug/l

RT: 13.099 min Scan# 1850

Delta R.T. 0.012 min

Lab File: VY017065.D

Acq: 22 Jan 2024 09:51

Instrument :

MSVOA_Y

ClientSampleId :

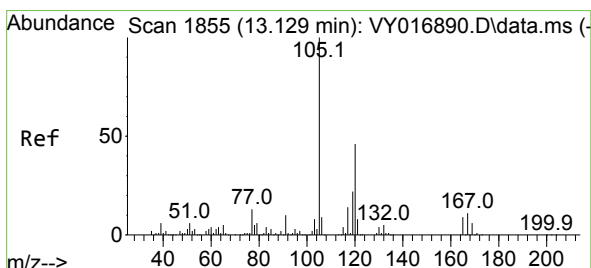
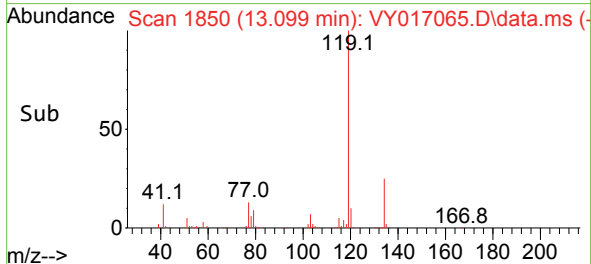
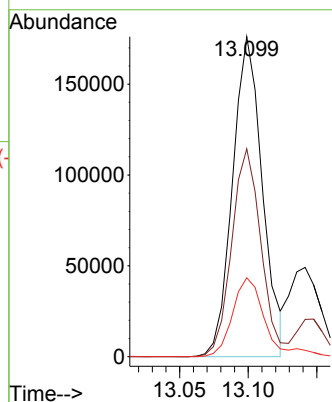
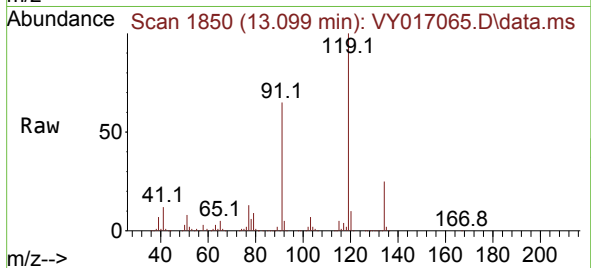
Tgt Ion:119 Resp: 266518

Ion Ratio Lower Upper

119 100

91 64.3 31.5 94.5

134 26.9 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 52.743 ug/l

RT: 13.148 min Scan# 1858

Delta R.T. 0.019 min

Lab File: VY017065.D

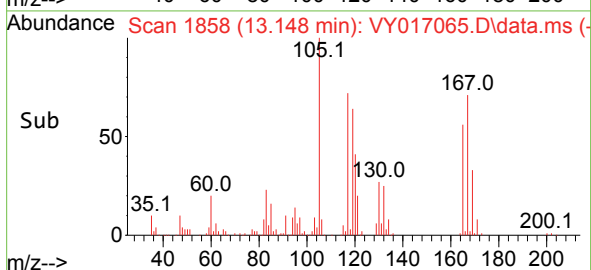
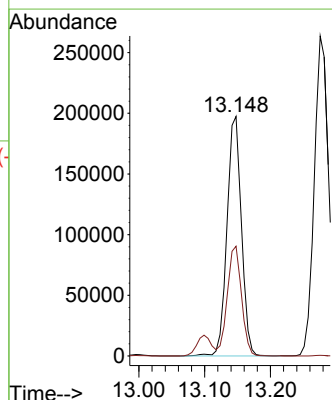
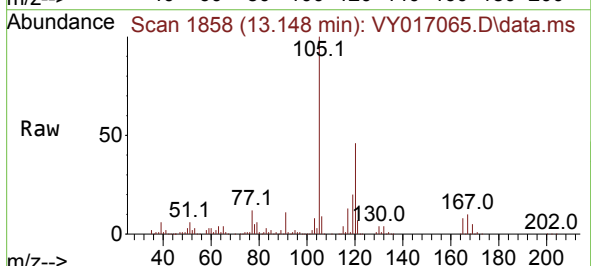
Acq: 22 Jan 2024 09:51

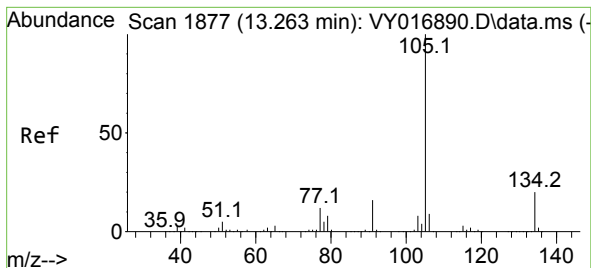
Tgt Ion:105 Resp: 301572

Ion Ratio Lower Upper

105 100

120 45.1 22.1 66.3





#85

sec-Butylbenzene

Concen: 52.420 ug/l

RT: 13.276 min Scan# 1879

Delta R.T. 0.013 min

Lab File: VY017065.D

Acq: 22 Jan 2024 09:51

Instrument :

MSVOA_Y

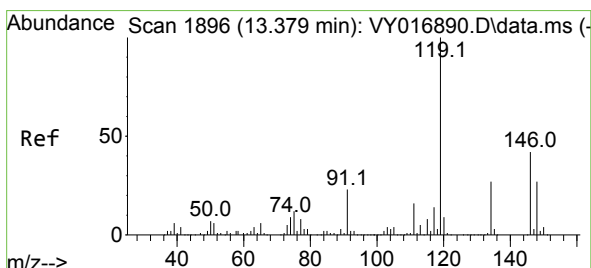
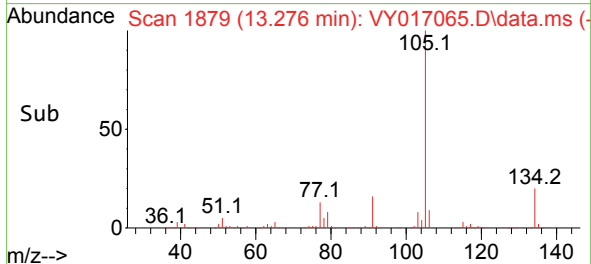
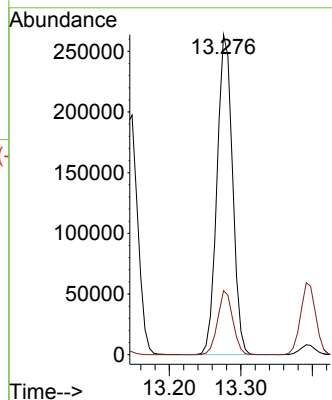
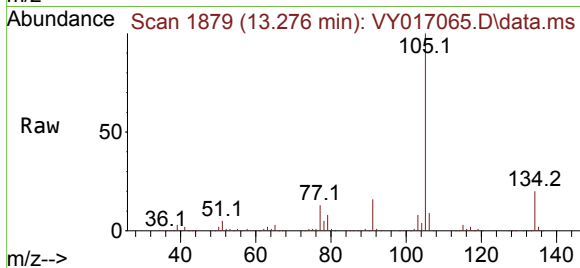
ClientSampleId :

Tgt Ion:105 Resp: 397201

Ion Ratio Lower Upper

105 100

134 19.5 9.7 28.9



#86

p-Isopropyltoluene

Concen: 52.856 ug/l

RT: 13.392 min Scan# 1898

Delta R.T. 0.013 min

Lab File: VY017065.D

Acq: 22 Jan 2024 09:51

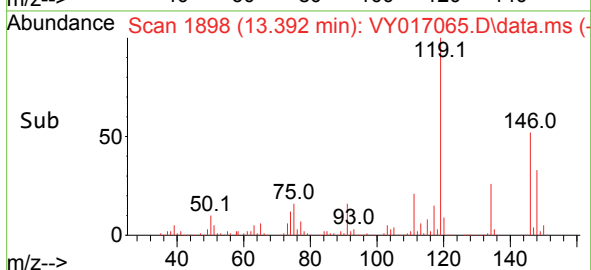
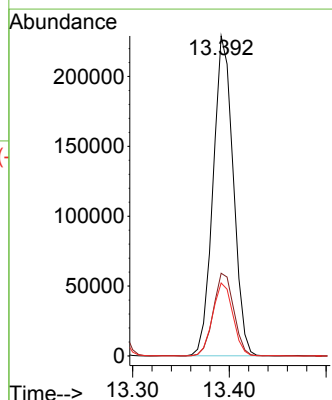
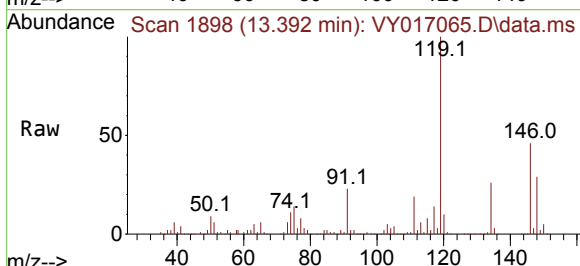
Tgt Ion:119 Resp: 330538

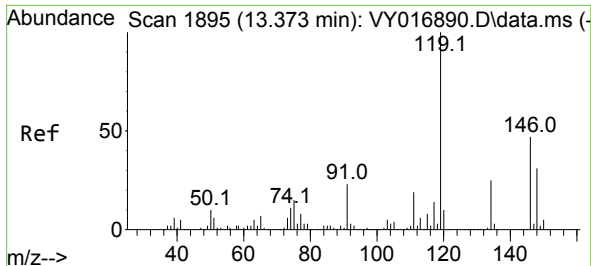
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.1

91 23.0 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 49.554 ug/l

RT: 13.392 min Scan# 11

Delta R.T. 0.019 min

Lab File: VY017065.D

Acq: 22 Jan 2024 09:51

Instrument :

MSVOA_Y

ClientSampleId :

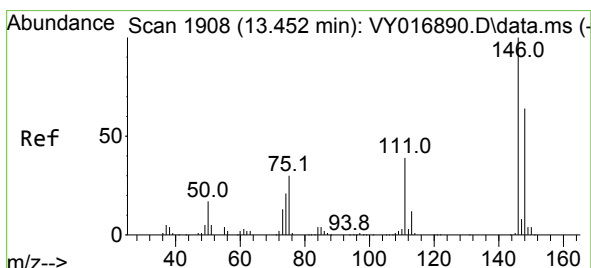
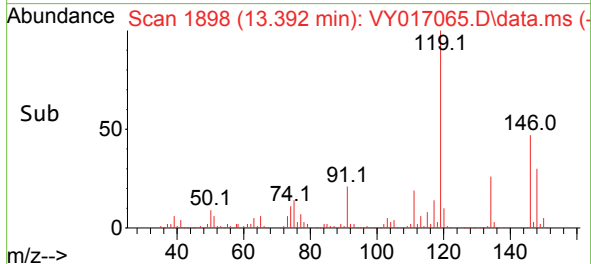
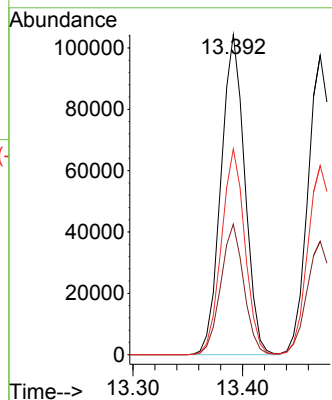
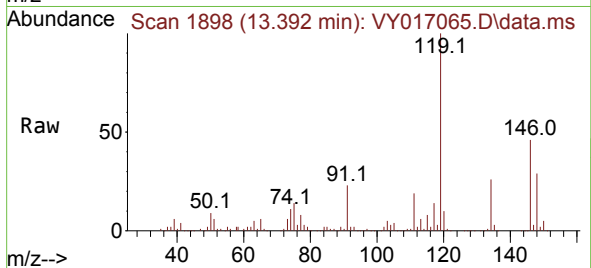
Tgt Ion:146 Resp: 157081

Ion Ratio Lower Upper

146 100

111 39.5 20.2 60.5

148 63.4 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 49.077 ug/l

RT: 13.471 min Scan# 1911

Delta R.T. 0.019 min

Lab File: VY017065.D

Acq: 22 Jan 2024 09:51

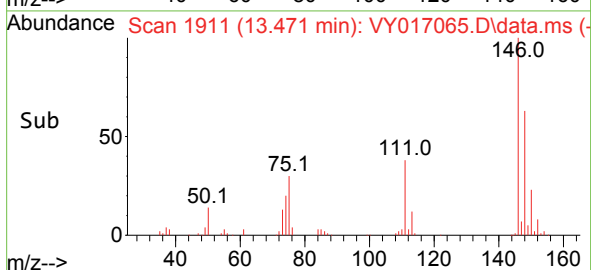
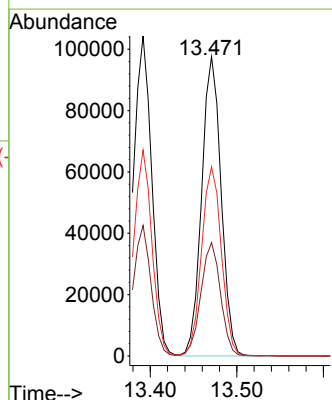
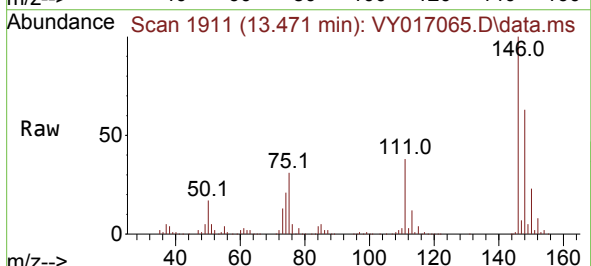
Tgt Ion:146 Resp: 152160

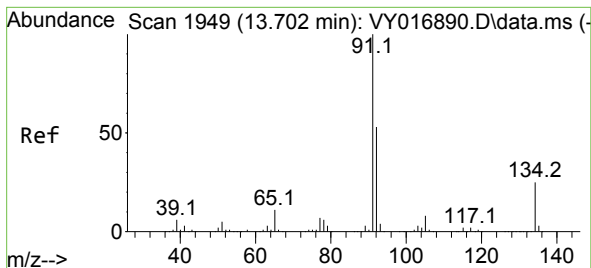
Ion Ratio Lower Upper

146 100

111 38.2 19.3 57.9

148 64.4 31.6 94.7

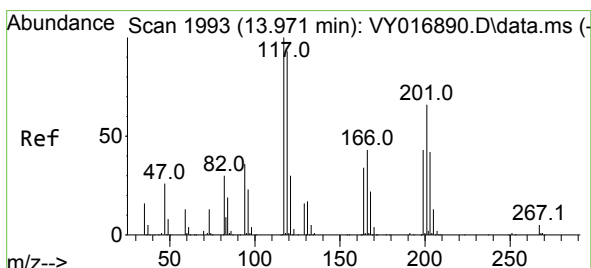
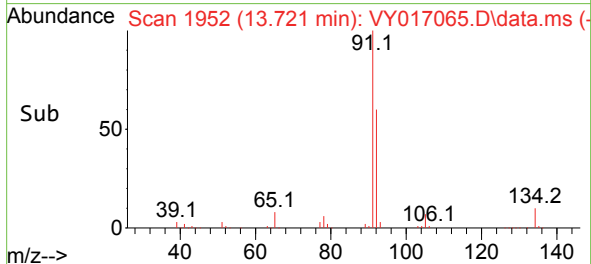
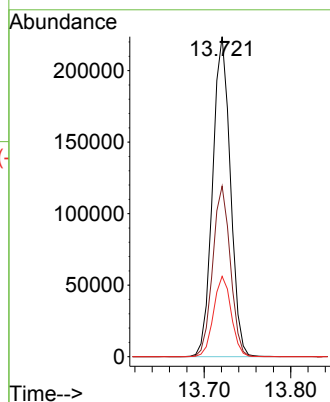
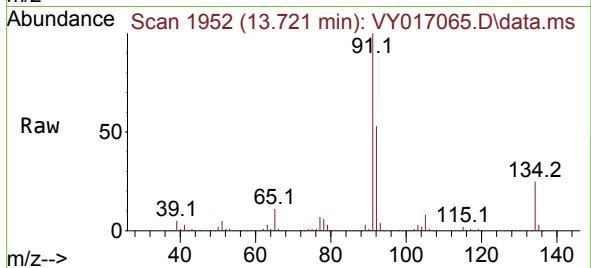




#89
n-Butylbenzene
Concen: 52.991 ug/l
RT: 13.721 min Scan# 1952
Delta R.T. 0.019 min
Lab File: VY017065.D
Acq: 22 Jan 2024 09:51

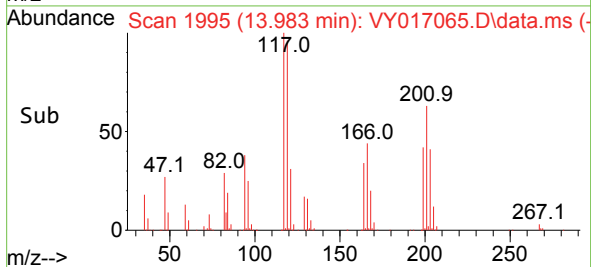
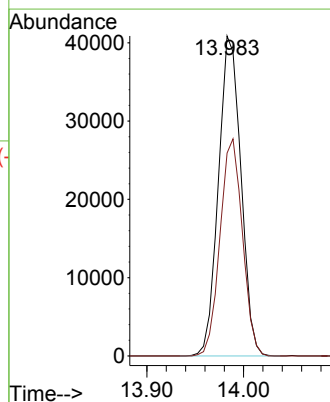
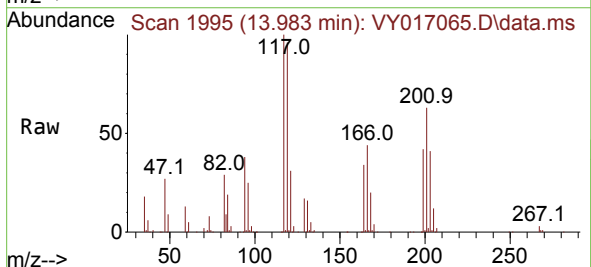
Instrument :
MSVOA_Y
ClientSampleId :

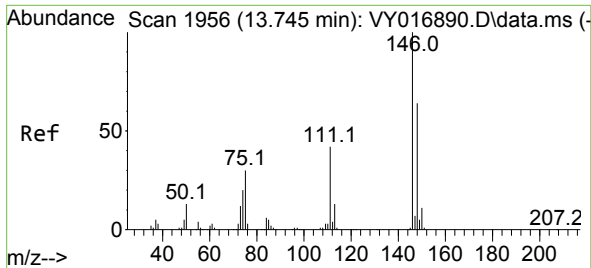
Tgt Ion: 91 Resp: 318613
Ion Ratio Lower Upper
91 100
92 53.0 26.4 79.2
134 25.0 12.3 36.8



#90
Hexachloroethane
Concen: 49.040 ug/l
RT: 13.983 min Scan# 1995
Delta R.T. 0.012 min
Lab File: VY017065.D
Acq: 22 Jan 2024 09:51

Tgt Ion: 117 Resp: 65899
Ion Ratio Lower Upper
117 100
201 67.6 33.4 100.1

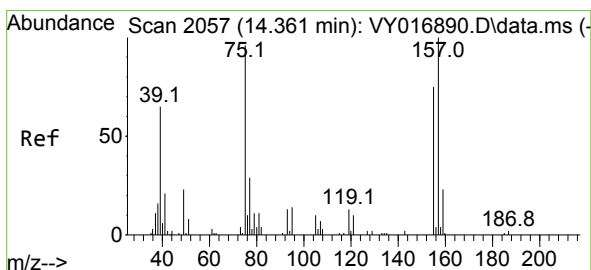
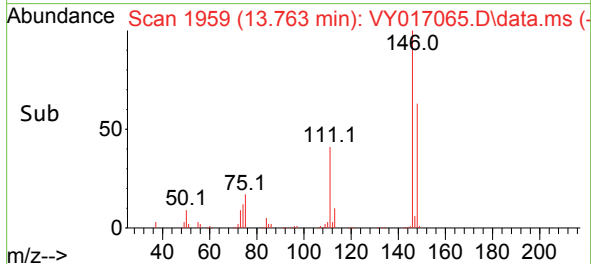
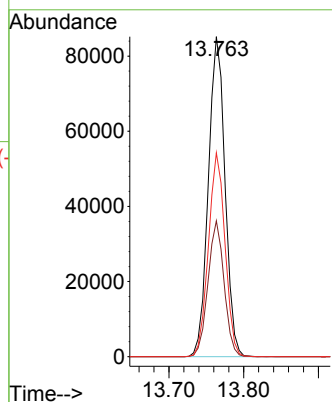
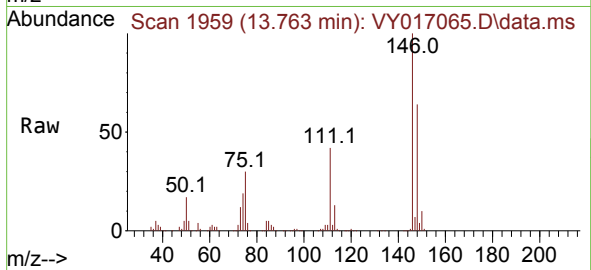




#91
 1,2-Dichlorobenzene
 Concen: 48.045 ug/l
 RT: 13.763 min Scan# 1956
 Delta R.T. 0.012 min
 Lab File: VY017065.D
 Acq: 22 Jan 2024 09:51

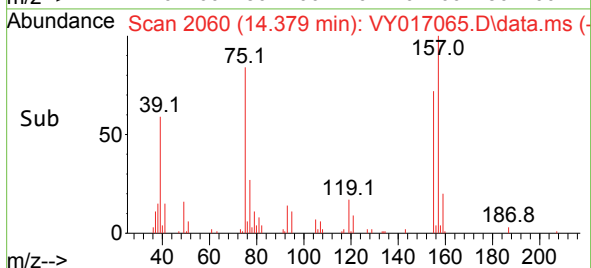
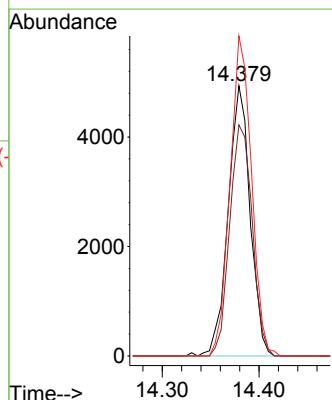
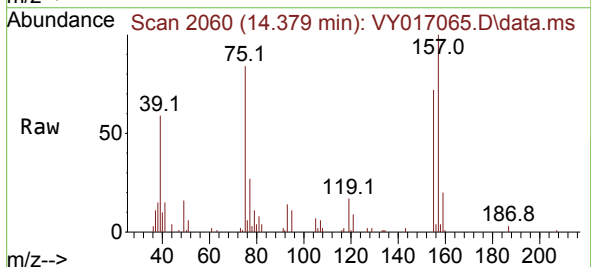
Instrument :
 MSVOA_Y
 ClientSampleId :

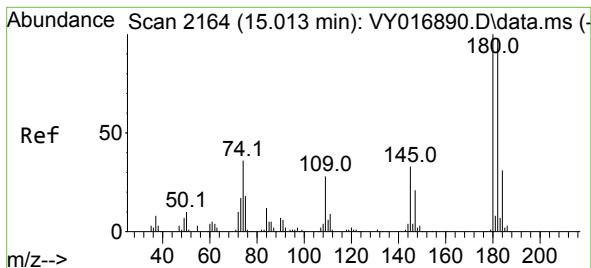
Tgt Ion:146 Resp: 131614
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.5 61.6
 148 63.6 31.4 94.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 41.419 ug/l
 RT: 14.379 min Scan# 2060
 Delta R.T. 0.012 min
 Lab File: VY017065.D
 Acq: 22 Jan 2024 09:51

Tgt Ion: 75 Resp: 7769
 Ion Ratio Lower Upper
 75 100
 155 87.7 42.1 126.3
 157 116.1 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 51.099 ug/l

RT: 15.031 min Scan# 2164

Delta R.T. 0.012 min

Lab File: VY017065.D

Acq: 22 Jan 2024 09:51

Instrument :

MSVOA_Y

ClientSampleId :

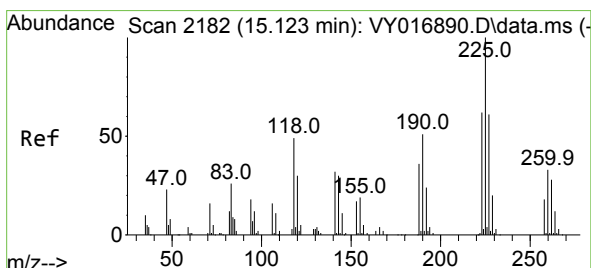
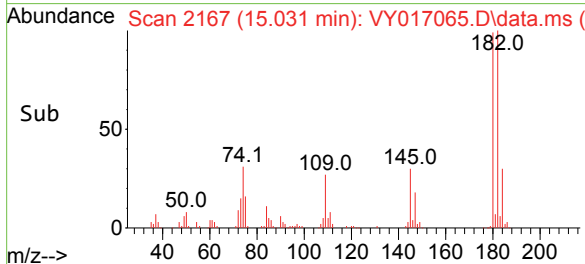
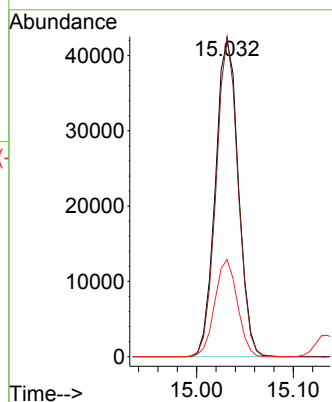
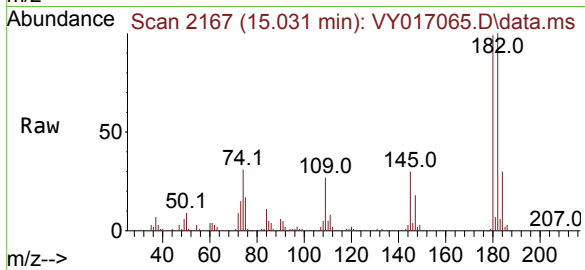
Tgt Ion:180 Resp: 69512

Ion Ratio Lower Upper

180 100

182 96.0 47.9 143.7

145 30.0 15.9 47.7



#94

Hexachlorobutadiene

Concen: 50.631 ug/l

RT: 15.135 min Scan# 2184

Delta R.T. 0.012 min

Lab File: VY017065.D

Acq: 22 Jan 2024 09:51

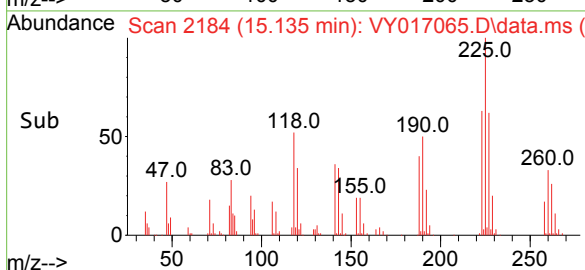
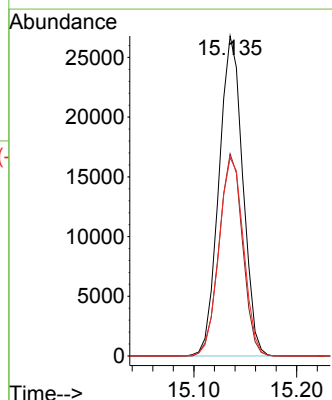
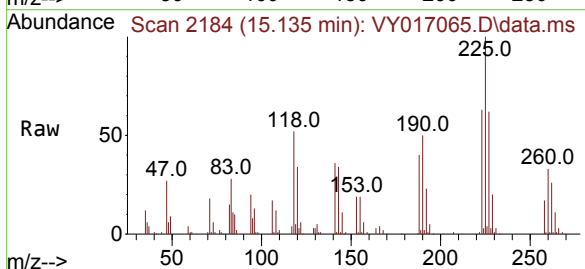
Tgt Ion:225 Resp: 43147

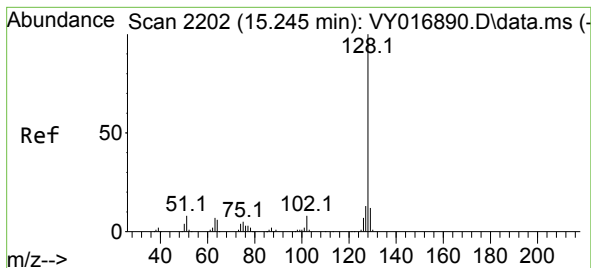
Ion Ratio Lower Upper

225 100

223 62.2 31.4 94.3

227 63.5 32.3 96.8





#95

Naphthalene

Concen: 49.139 ug/l

RT: 15.263 min Scan# 2205

Delta R.T. 0.018 min

Lab File: VY017065.D

Acq: 22 Jan 2024 09:51

Instrument :

MSVOA_Y

ClientSampleId :

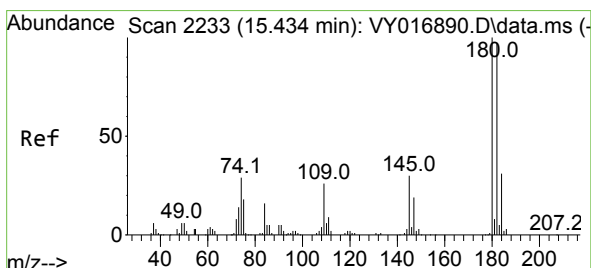
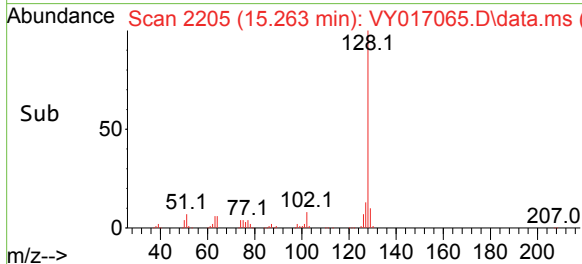
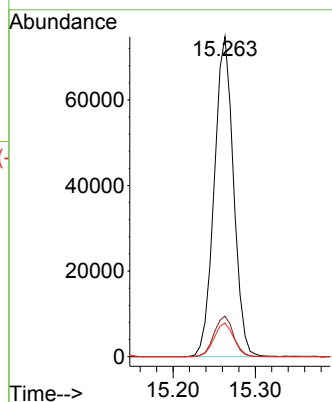
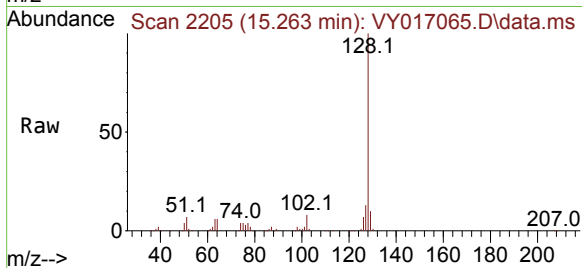
Tgt Ion:128 Resp: 121601

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.7 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 48.653 ug/l

RT: 15.452 min Scan# 2236

Delta R.T. 0.018 min

Lab File: VY017065.D

Acq: 22 Jan 2024 09:51

Tgt Ion:180 Resp: 56197

Ion Ratio Lower Upper

180 100

182 95.5 46.3 138.8

145 32.5 16.1 48.2

