

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021424\
 Data File : VY017381.D
 Acq On : 14 Feb 2024 14:31
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 15 02:21:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 01:05:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	94982	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	167464	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.501	117	145128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	59696	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	6077	6.030	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	12.060%#
35) Dibromofluoromethane	7.728	113	5878	5.505	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	11.020%#
50) Toluene-d8	10.191	98	20817	5.032	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	10.060%#
62) 4-Bromofluorobenzene	12.489	95	6809	5.369	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	10.740%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	3637	4.496	ug/l	97
3) Chloromethane	2.125	50	7236	4.727	ug/l	98
4) Vinyl Chloride	2.259	62	8870	4.856	ug/l	100
5) Bromomethane	2.662	94	6943	5.355	ug/l	94
6) Chloroethane	2.808	64	5616	4.825	ug/l	98
7) Trichlorofluoromethane	3.137	101	8494	4.629	ug/l	97
8) Diethyl Ether	3.546	74	2461	4.645	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.911	101	5564	5.040	ug/l	97
10) Methyl Iodide	4.106	142	4346	4.005	ug/l	99
11) Tert butyl alcohol	4.960	59	2518	13.561	ug/l #	75
12) 1,1-Dichloroethene	3.881	96	4484	4.403	ug/l	85
13) Acrolein	3.747	56	2764	25.377	ug/l	95
14) Allyl chloride	4.497	41	6619	4.396	ug/l	95
15) Acrylonitrile	5.179	53	5581	24.484	ug/l	99
16) Acetone	3.960	43	7981	19.691	ug/l	97
17) Carbon Disulfide	4.210	76	15040	4.630	ug/l #	94
18) Methyl Acetate	4.497	43	2636	7.257	ug/l	99
19) Methyl tert-butyl Ether	5.234	73	9914	4.380	ug/l	97
20) Methylene Chloride	4.734	84	9238	2.752	ug/l	97
21) trans-1,2-Dichloroethene	5.234	96	5252	4.515	ug/l	88
22) Diisopropyl ether	6.143	45	13936	4.319	ug/l #	95
23) Vinyl Acetate	6.076	43	42745	16.978	ug/l	100
24) 1,1-Dichloroethane	6.039	63	9331	4.635	ug/l #	96
25) 2-Butanone	6.996	43	8902	27.006	ug/l	98
26) 2,2-Dichloropropane	6.990	77	7794	4.520	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	5698	4.549	ug/l	97
28) Bromochloromethane	7.350	49	5780	3.480	ug/l #	95
29) Tetrahydrofuran	7.368	42	4481	24.513	ug/l	97
30) Chloroform	7.520	83	9421	4.693	ug/l	100
31) Cyclohexane	7.795	56	9989	5.206	ug/l #	81
32) 1,1,1-Trichloroethane	7.709	97	7915	4.444	ug/l	98
36) 1,1-Dichloropropene	7.929	75	7808	4.466	ug/l	99
37) Ethyl Acetate	7.088	43	3713	5.224	ug/l #	94
38) Carbon Tetrachloride	7.917	117	7237	4.314	ug/l #	92
39) Methylcyclohexane	9.197	83	8875	4.240	ug/l	96
40) Benzene	8.173	78	20973	4.282	ug/l	98

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 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 15 02:21:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 01:05:41 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.325	41	1787	4.933	ug/l #	86
42) 1,2-Dichloroethane	8.252	62	5648	4.531	ug/l	98
43) Isopropyl Acetate	8.289	43	5891	4.627	ug/l #	87
44) Trichloroethene	8.953	130	5412	4.276	ug/l	95
45) 1,2-Dichloropropane	9.221	63	5139	4.360	ug/l	98
46) Dibromomethane	9.313	93	2773	4.534	ug/l	94
47) Bromodichloromethane	9.502	83	7048	4.480	ug/l	90
48) Methyl methacrylate	9.307	41	2800	4.171	ug/l	90
49) 1,4-Dioxane	9.301	88	569	90.280	ug/l	94
51) 4-Methyl-2-Pentanone	10.075	43	16460	23.796	ug/l	93
52) Toluene	10.252	92	12206	4.101	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	6143	4.215	ug/l	93
54) cis-1,3-Dichloropropene	9.941	75	7387	4.140	ug/l	97
55) 1,1,2-Trichloroethane	10.654	97	3924	4.678	ug/l	95
56) Ethyl methacrylate	10.520	69	3762	4.400	ug/l	92
57) 1,3-Dichloropropane	10.794	76	6528	4.518	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.788	63	11892	21.686	ug/l	100
59) 2-Hexanone	10.843	43	11051	22.232	ug/l	97
60) Dibromochloromethane	10.989	129	4251	4.363	ug/l	98
61) 1,2-Dibromoethane	11.099	107	3530	4.589	ug/l	99
64) Tetrachloroethene	10.727	164	4497	4.191	ug/l	93
65) Chlorobenzene	11.526	112	13107	4.260	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.599	131	4485	4.052	ug/l	96
67) Ethyl Benzene	11.599	91	21979	3.878	ug/l	99
68) m/p-Xylenes	11.709	106	16372	7.662	ug/l	98
69) o-Xylene	12.038	106	7401	3.829	ug/l	99
70) Styrene	12.056	104	11433	3.855	ug/l	99
71) Bromoform	12.215	173	2334	4.350	ug/l #	98
73) Isopropylbenzene	12.337	105	19186	3.857	ug/l	98
74) N-amyl acetate	12.148	43	4195	4.265	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.593	83	4323	4.849	ug/l	95
76) 1,2,3-Trichloropropane	12.641	75	5345	8.678	ug/l #	100
77) Bromobenzene	12.617	156	4606	4.396	ug/l	97
78) n-propylbenzene	12.678	91	25176	4.111	ug/l	100
79) 2-Chlorotoluene	12.763	91	14474	4.331	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	15062	3.852	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.385	75	1243	4.613	ug/l	96
82) 4-Chlorotoluene	12.861	91	14564	4.233	ug/l	99
83) tert-Butylbenzene	13.086	119	13437	3.935	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	14956	3.875	ug/l	97
85) sec-Butylbenzene	13.263	105	22016	4.226	ug/l	100
86) p-Isopropyltoluene	13.379	119	16073	3.812	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	9477	4.470	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	9734	4.719	ug/l	90
89) n-Butylbenzene	13.708	91	17708	4.324	ug/l	94
90) Hexachloroethane	13.970	117	3924	4.490	ug/l	93
91) 1,2-Dichlorobenzene	13.751	146	7783	4.454	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.367	75	594	5.365	ug/l	87
93) 1,2,4-Trichlorobenzene	15.019	180	3861	4.429	ug/l	100
94) Hexachlorobutadiene	15.123	225	2875	5.343	ug/l	95
95) Naphthalene	15.245	128	6220	4.100	ug/l	98
96) 1,2,3-Trichlorobenzene	15.440	180	3592	4.911	ug/l	96

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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

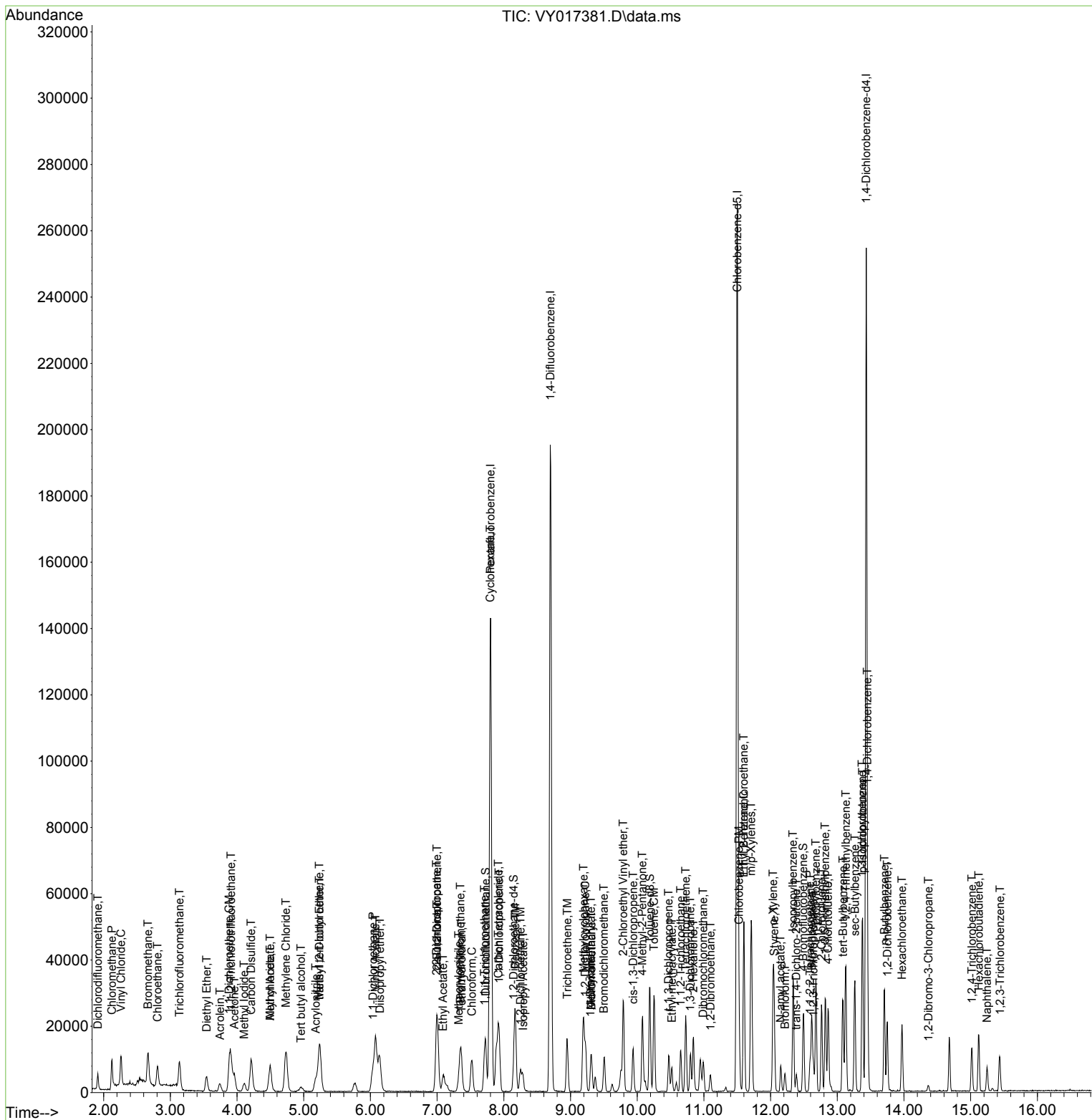
Instrument :
MSVOA_Y
ClientSampleId :

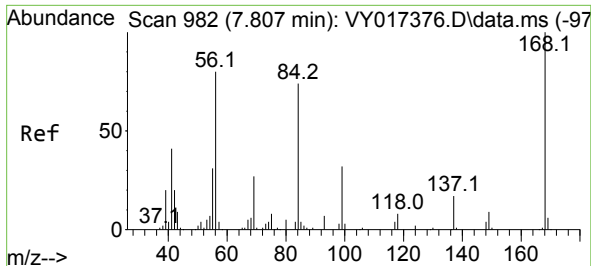
Quant Time: Feb 15 02:21:57 2024
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Quant Title : SW846 8260
QLast Update : Thu Feb 15 01:05:41 2024
Response via : Initial Calibration

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021424S.M
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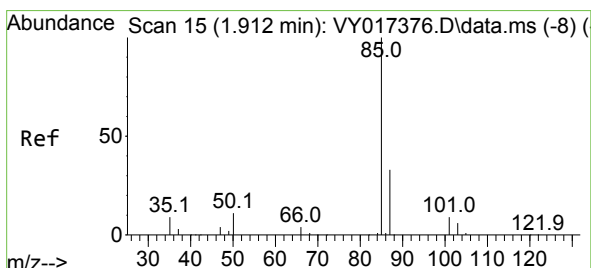
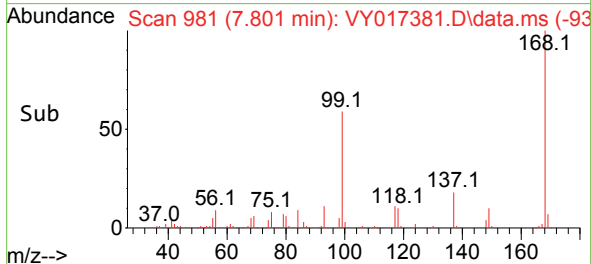
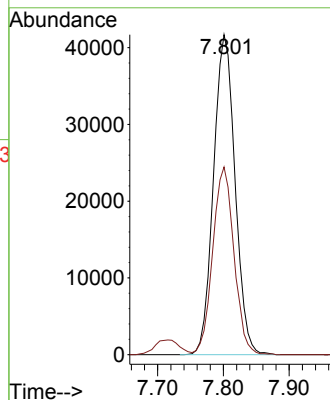
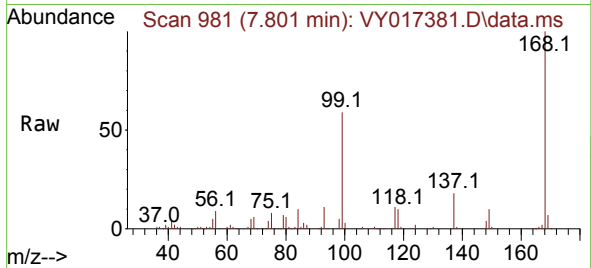




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017381.D
Acq: 14 Feb 2024 14:31

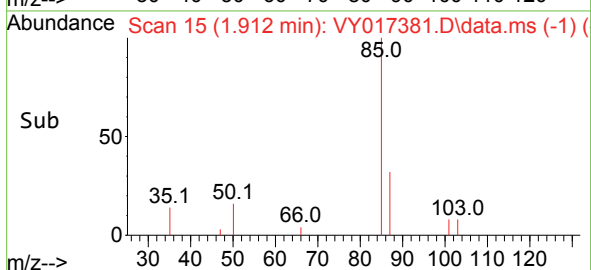
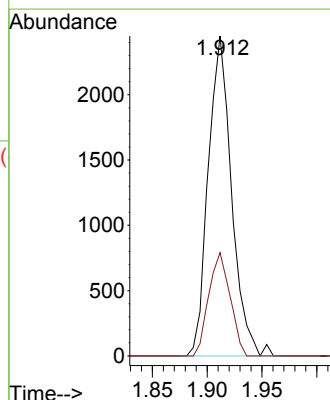
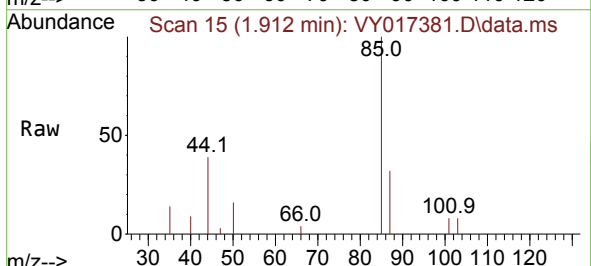
Instrument :
MSVOA_Y
ClientSampleId :

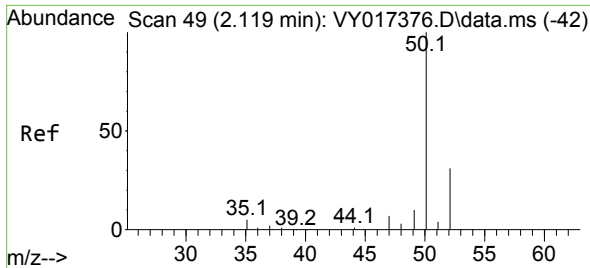
Tgt Ion:168 Resp: 94982
Ion Ratio Lower Upper
168 100
99 58.7 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 4.496 ug/l
RT: 1.912 min Scan# 15
Delta R.T. -0.000 min
Lab File: VY017381.D
Acq: 14 Feb 2024 14:31

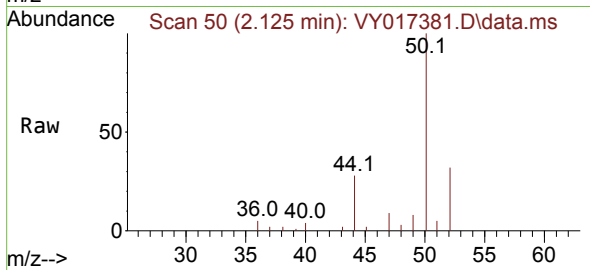
Tgt Ion: 85 Resp: 3637
Ion Ratio Lower Upper
85 100
87 32.3 17.1 51.3



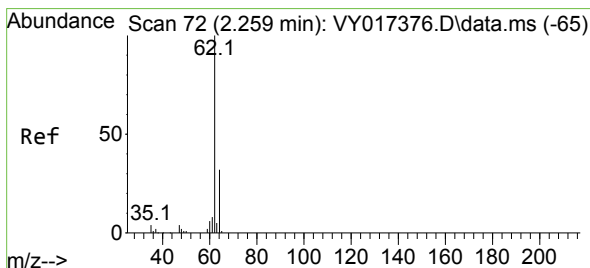
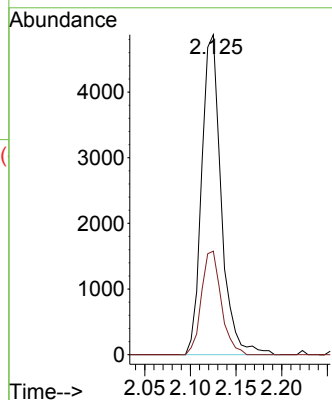
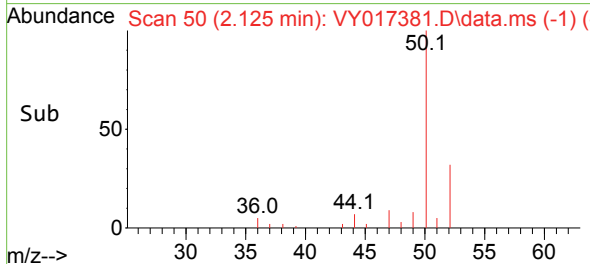


#3
Chloromethane
Concen: 4.727 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY017381.D
Acq: 14 Feb 2024 14:31

Instrument :
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ClientSampleId :

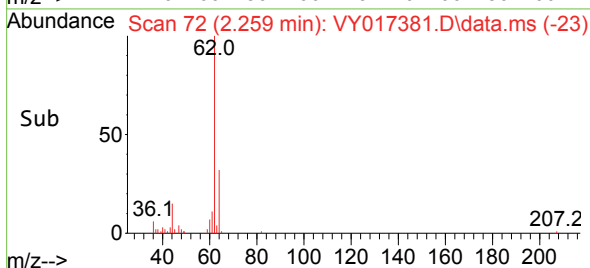
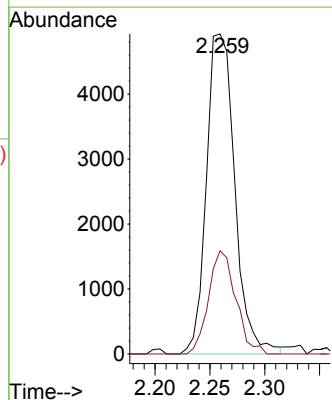
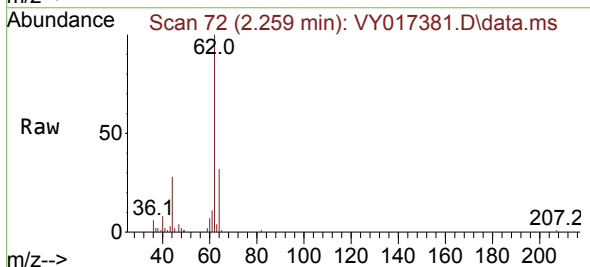


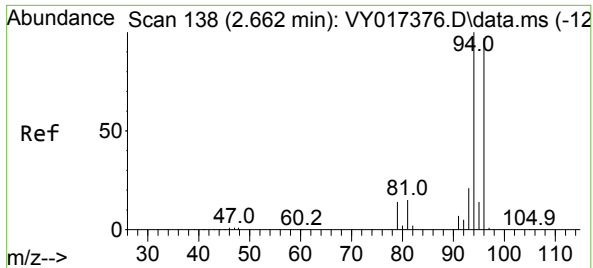
Tgt Ion: 50 Resp: 7236
Ion Ratio Lower Upper
50 100
52 32.4 26.7 40.1



#4
Vinyl Chloride
Concen: 4.856 ug/l
RT: 2.259 min Scan# 72
Delta R.T. -0.000 min
Lab File: VY017381.D
Acq: 14 Feb 2024 14:31

Tgt Ion: 62 Resp: 8870
Ion Ratio Lower Upper
62 100
64 32.2 25.7 38.5

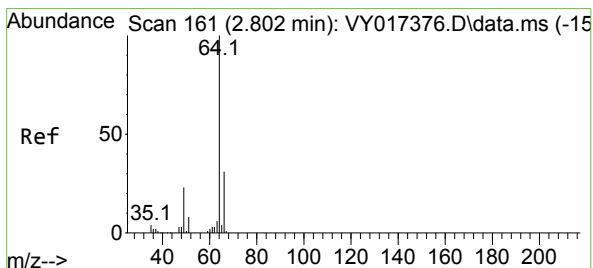
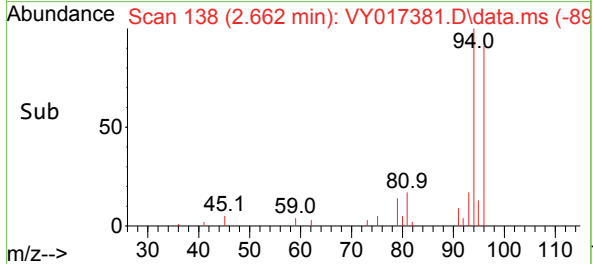
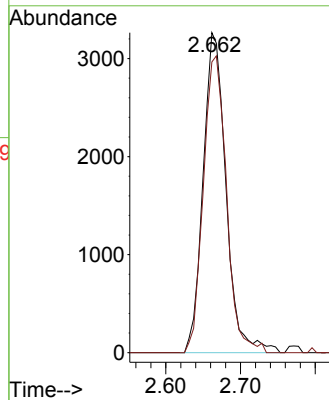
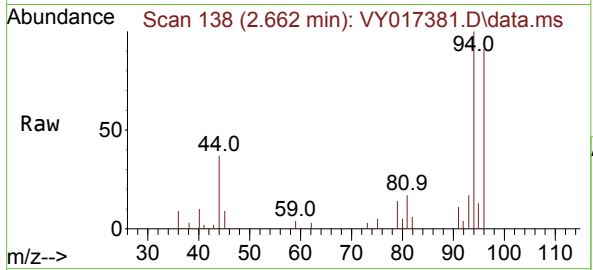




#5
Bromomethane
Concen: 5.355 ug/l
RT: 2.662 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY017381.D
Acq: 14 Feb 2024 14:31

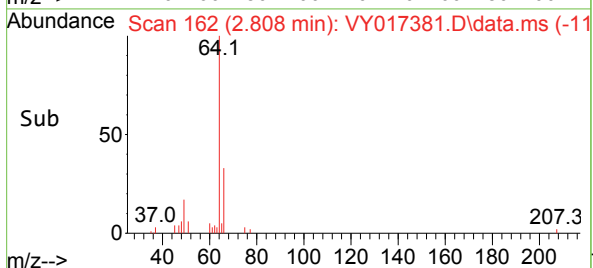
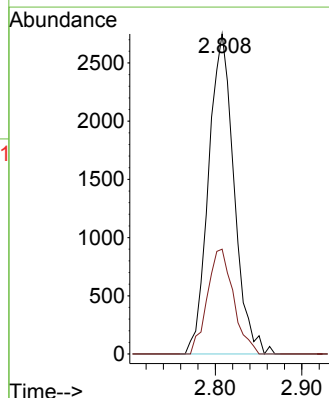
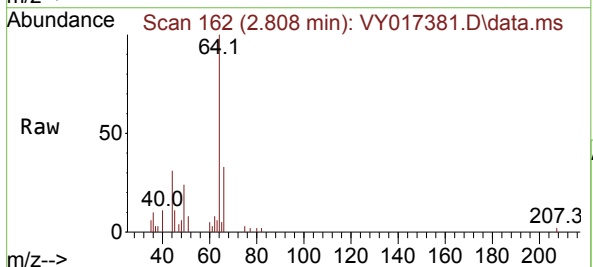
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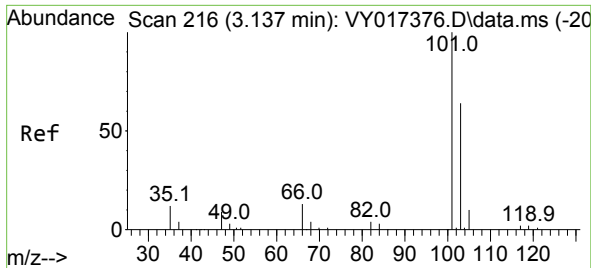
Tgt Ion: 94 Resp: 6943
Ion Ratio Lower Upper
94 100
96 90.8 77.3 115.9



#6
Chloroethane
Concen: 4.825 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.006 min
Lab File: VY017381.D
Acq: 14 Feb 2024 14:31

Tgt Ion: 64 Resp: 5616
Ion Ratio Lower Upper
64 100
66 32.8 25.1 37.7

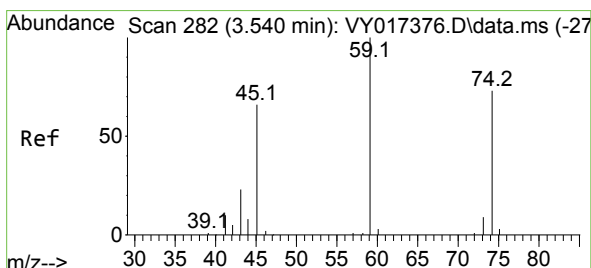
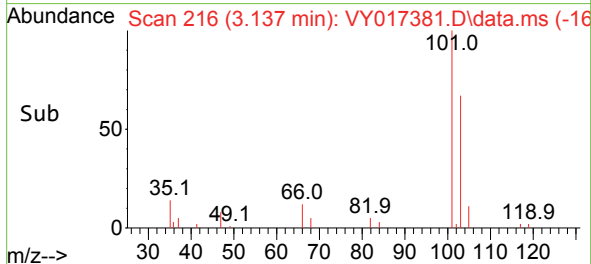
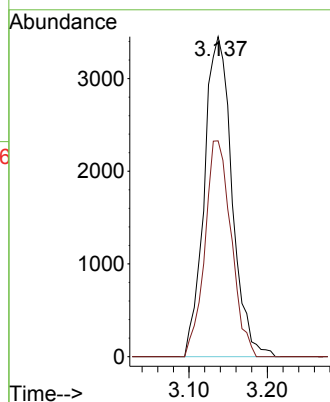
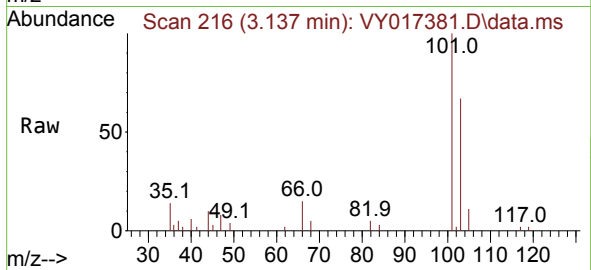




#7
Trichlorofluoromethane
Concen: 4.629 ug/l
RT: 3.137 min Scan# 216
Delta R.T. -0.000 min
Lab File: VY017381.D
Acq: 14 Feb 2024 14:31

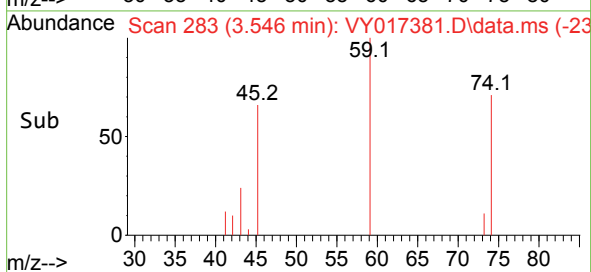
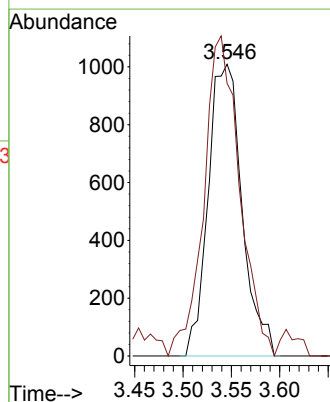
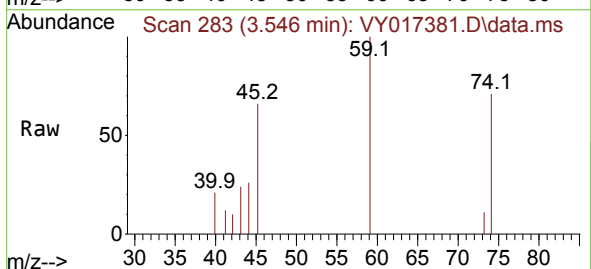
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MSVOA_Y
ClientSampleId :

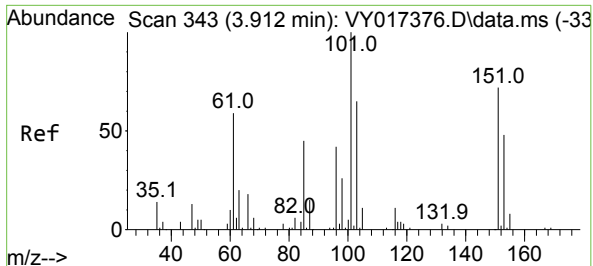
Tgt Ion:101 Resp: 8494
Ion Ratio Lower Upper
101 100
103 67.4 51.9 77.9



#8
Diethyl Ether
Concen: 4.645 ug/l
RT: 3.546 min Scan# 283
Delta R.T. 0.006 min
Lab File: VY017381.D
Acq: 14 Feb 2024 14:31

Tgt Ion: 74 Resp: 2461
Ion Ratio Lower Upper
74 100
45 115.6 47.9 143.7

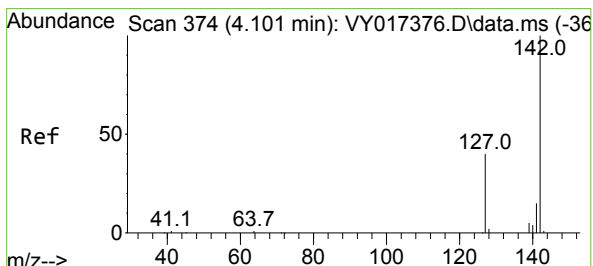
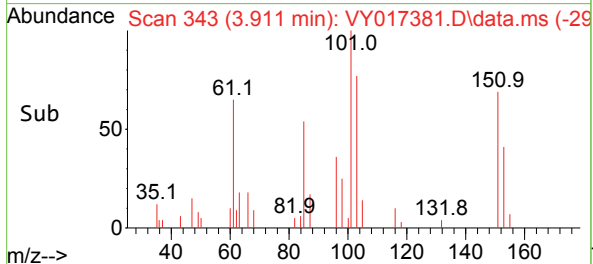
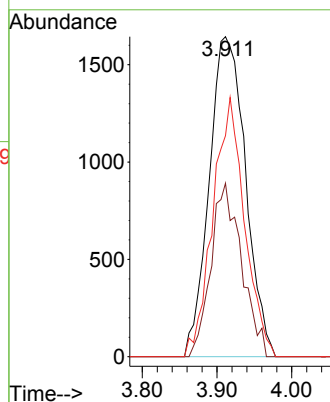
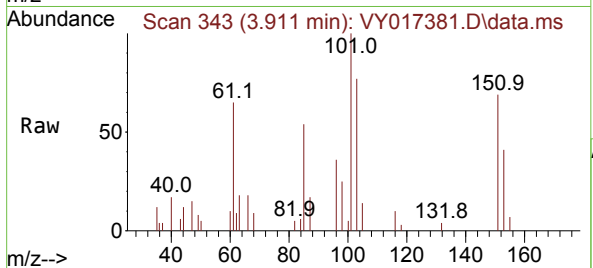




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.040 ug/l
RT: 3.911 min Scan# 343
Delta R.T. -0.000 min
Lab File: VY017381.D
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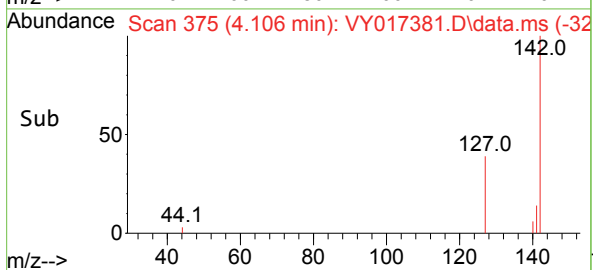
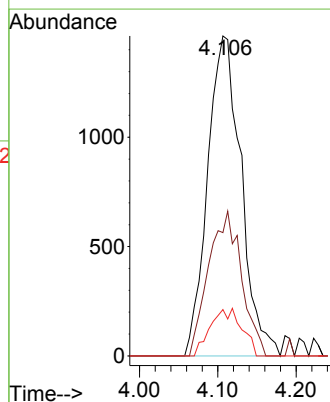
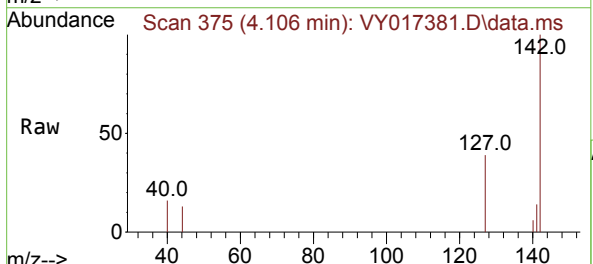
Instrument :
MSVOA_Y
ClientSampleId :

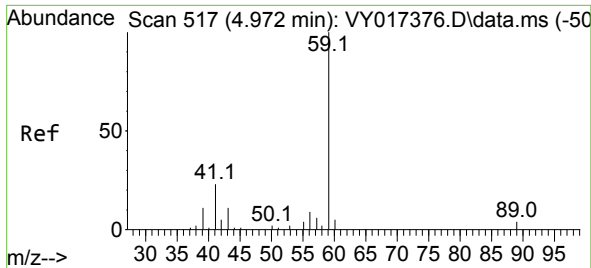
Tgt Ion:101	Resp:	5564
Ion	Ratio	Lower Upper
101	100	
85	45.5	35.8 53.6
151	70.5	58.6 88.0



#10
Methyl Iodide
Concen: 4.005 ug/l
RT: 4.106 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY017381.D
Acq: 14 Feb 2024 14:31

Tgt Ion:142	Resp:	4346
Ion	Ratio	Lower Upper
142	100	
127	44.5	35.1 52.7
141	13.9	11.8 17.6

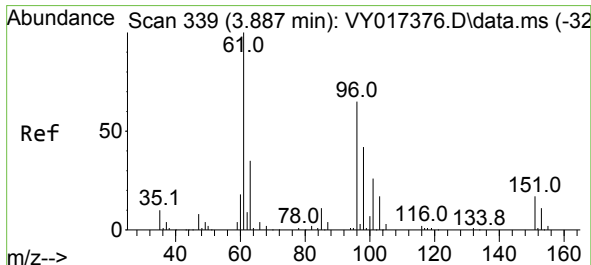
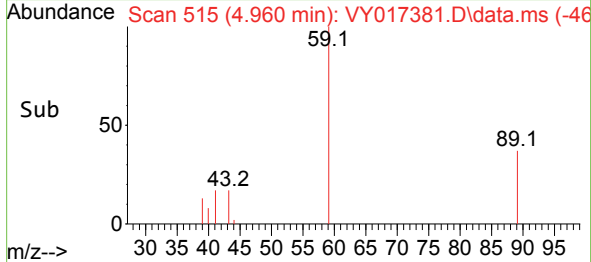
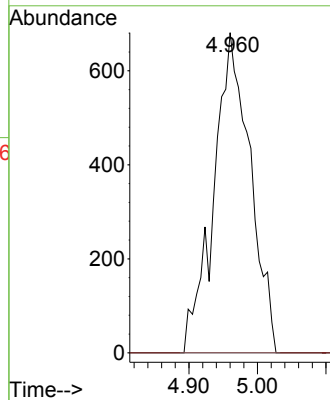
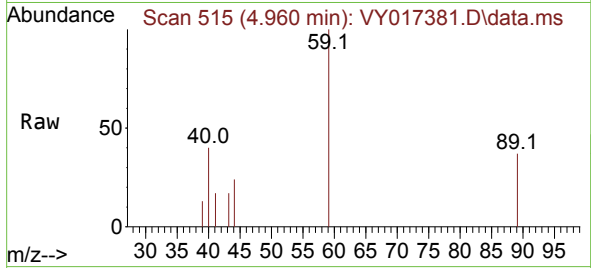




#11
Tert butyl alcohol
Concen: 13.561 ug/l
RT: 4.960 min Scan# 517
Delta R.T. -0.012 min
Lab File: VY017381.D
Acq: 14 Feb 2024 14:31

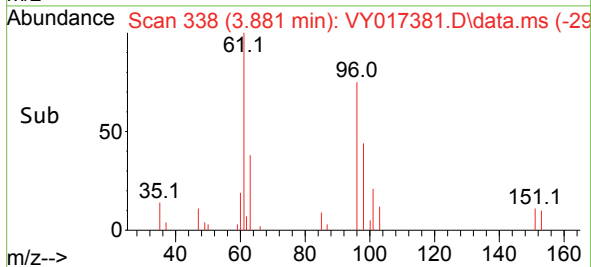
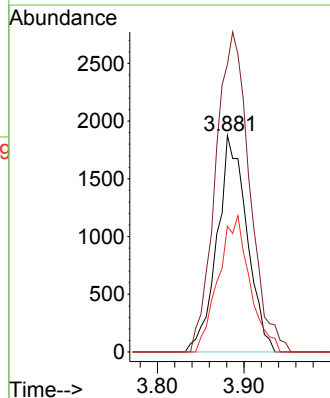
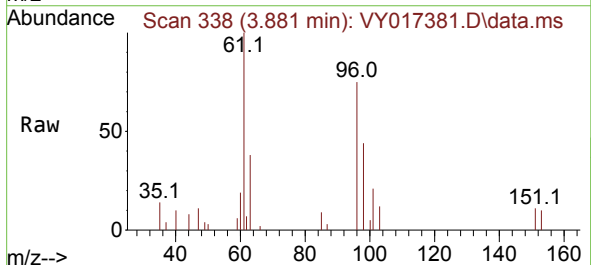
Instrument :
MSVOA_Y
ClientSampleId :

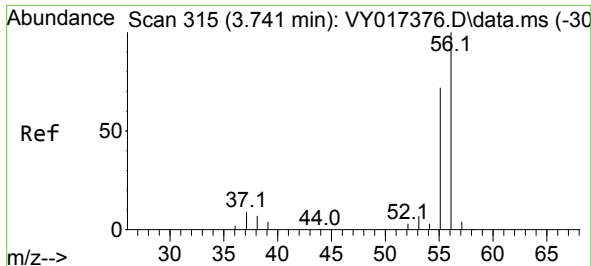
Tgt Ion: 59 Resp: 2518
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 4.403 ug/l
RT: 3.881 min Scan# 338
Delta R.T. -0.006 min
Lab File: VY017381.D
Acq: 14 Feb 2024 14:31

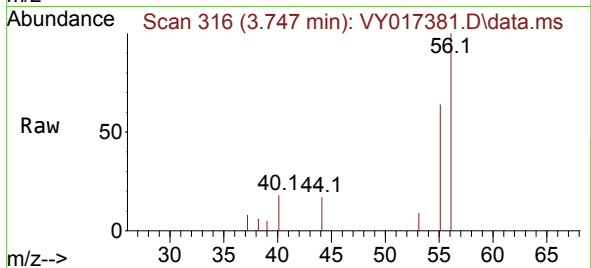
Tgt Ion: 96 Resp: 4484
Ion Ratio Lower Upper
96 100
61 132.9 124.2 186.2
98 58.1 52.6 79.0



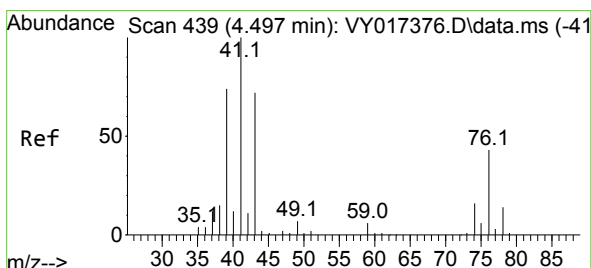
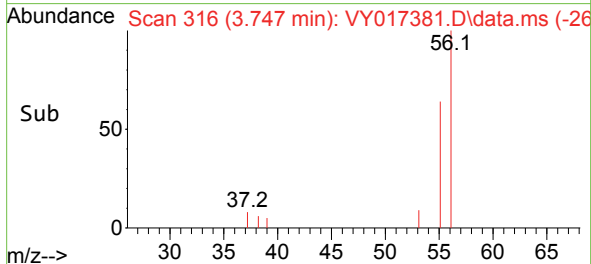
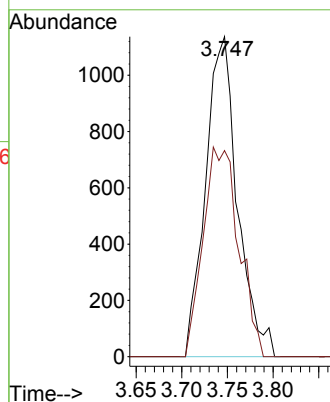


#13
Acrolein
Concen: 25.377 ug/l
RT: 3.747 min Scan# 315
Delta R.T. 0.006 min
Lab File: VY017381.D
Acq: 14 Feb 2024 14:31

Instrument :
MSVOA_Y
ClientSampleId :

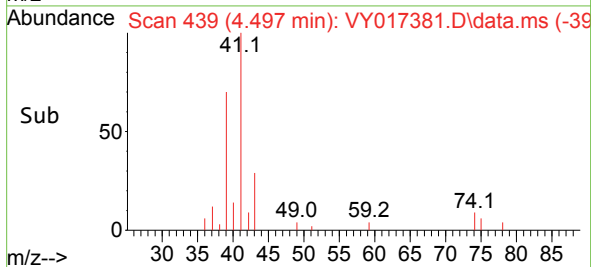
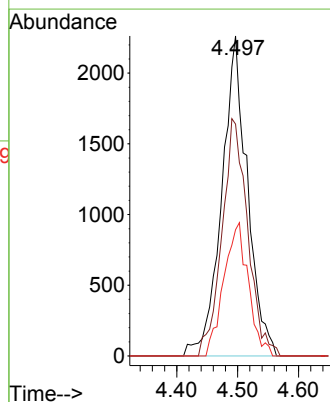
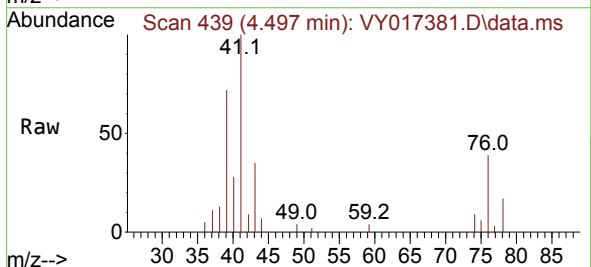


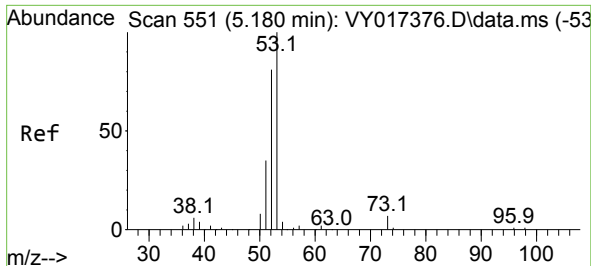
Tgt Ion: 56 Resp: 2764
Ion Ratio Lower Upper
56 100
55 72.9 55.4 83.0



#14
Allyl chloride
Concen: 4.396 ug/l
RT: 4.497 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY017381.D
Acq: 14 Feb 2024 14:31

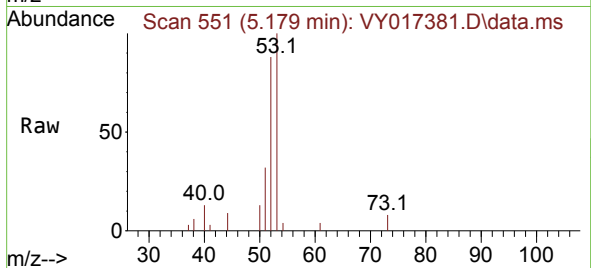
Tgt Ion: 41 Resp: 6619
Ion Ratio Lower Upper
41 100
39 74.2 54.7 82.1
76 39.9 31.8 47.6



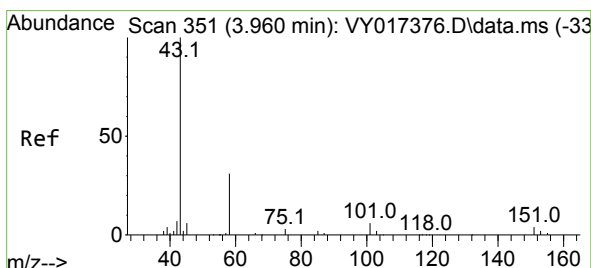
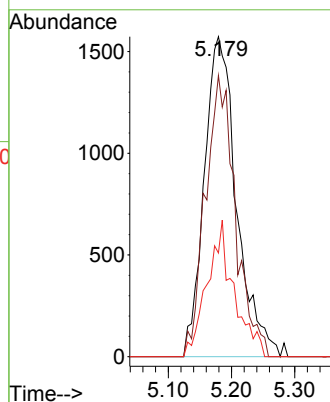
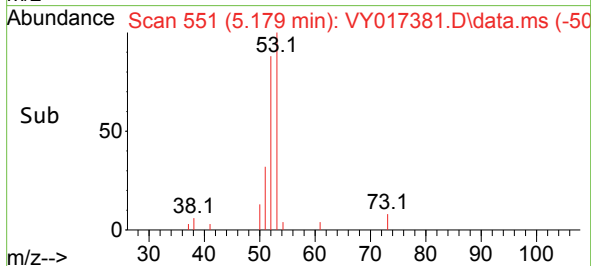


#15
Acrylonitrile
Concen: 24.484 ug/l
RT: 5.179 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY017381.D
Acq: 14 Feb 2024 14:31

Instrument :
MSVOA_Y
ClientSampleId :

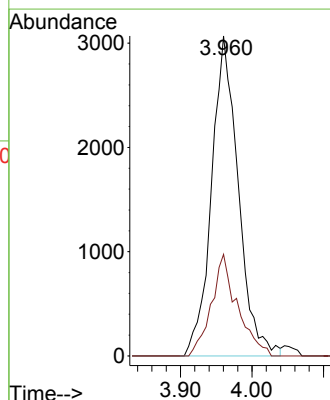
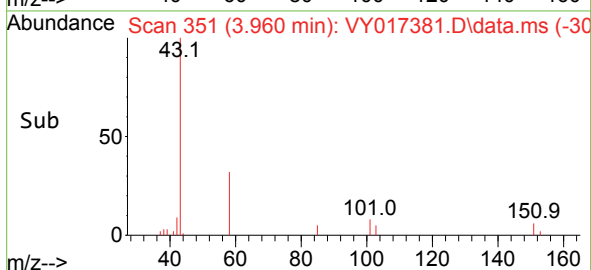
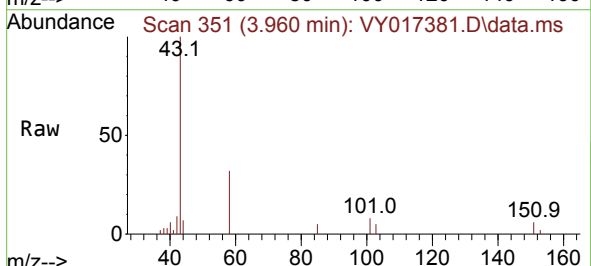


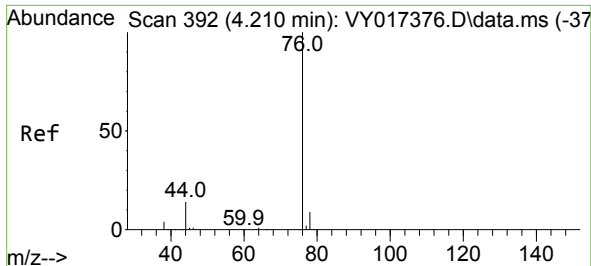
Tgt Ion: 53 Resp: 5581
Ion Ratio Lower Upper
53 100
52 81.7 65.1 97.7
51 35.2 29.0 43.4



#16
Acetone
Concen: 19.691 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY017381.D
Acq: 14 Feb 2024 14:31

Tgt Ion: 43 Resp: 7981
Ion Ratio Lower Upper
43 100
58 31.8 26.6 39.8

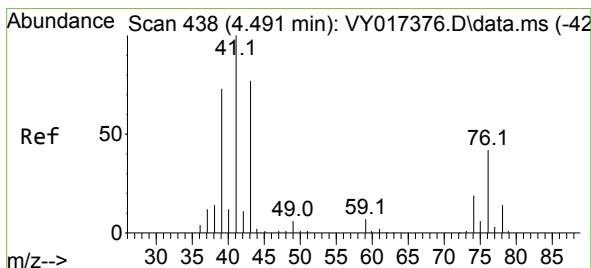
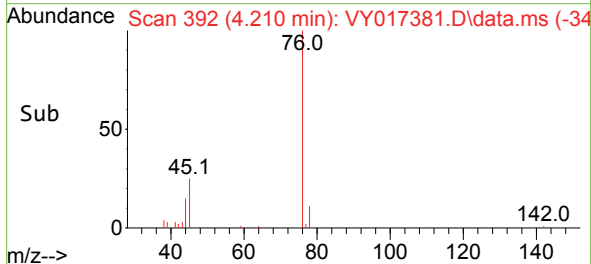
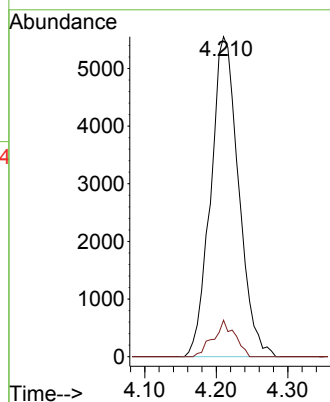
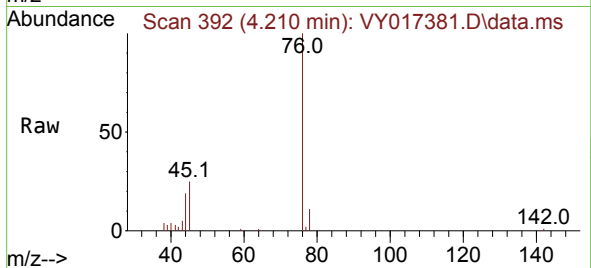




#17
Carbon Disulfide
Concen: 4.630 ug/l
RT: 4.210 min Scan# 392
Delta R.T. -0.000 min
Lab File: VY017381.D
Acq: 14 Feb 2024 14:31

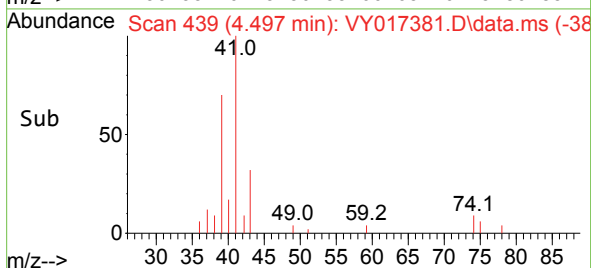
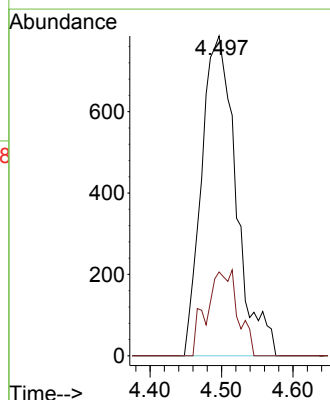
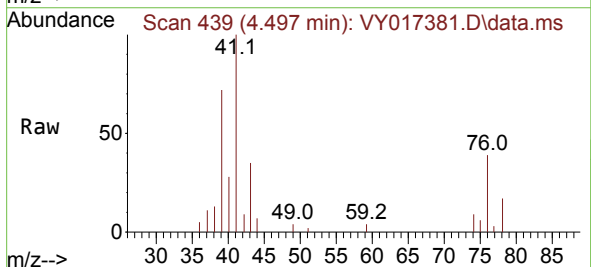
Instrument :
MSVOA_Y
ClientSampleId :

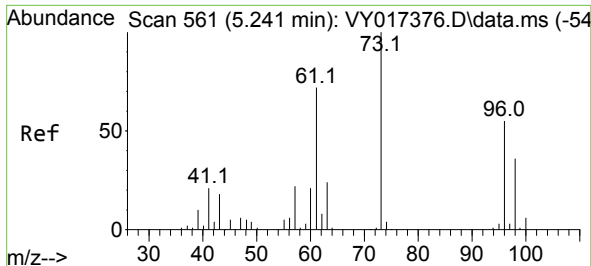
Tgt Ion: 76 Resp: 15040
Ion Ratio Lower Upper
76 100
78 11.4 7.4 11.0#



#18
Methyl Acetate
Concen: 7.257 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY017381.D
Acq: 14 Feb 2024 14:31

Tgt Ion: 43 Resp: 2636
Ion Ratio Lower Upper
43 100
74 24.1 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 4.380 ug/l

RT: 5.234 min Scan# 5

Delta R.T. -0.007 min

Lab File: VY017381.D

Acq: 14 Feb 2024 14:31

Instrument :

MSVOA_Y

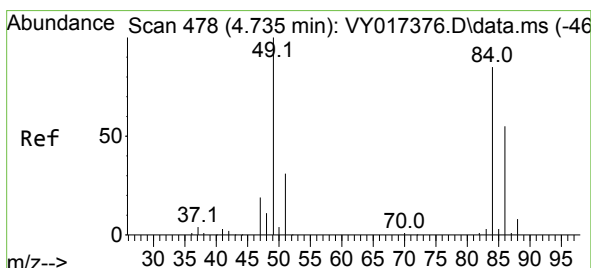
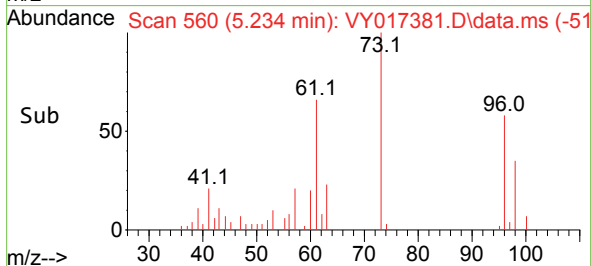
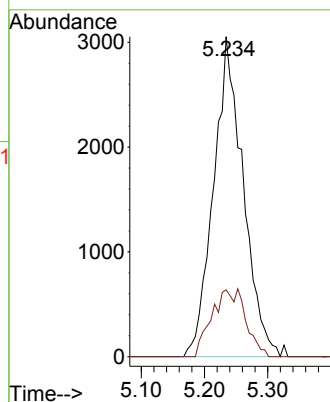
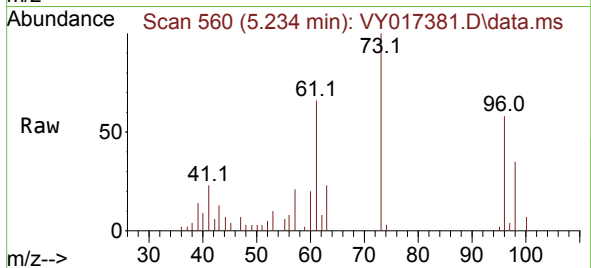
ClientSampleId :

Tgt Ion: 73 Resp: 9914

Ion Ratio Lower Upper

73 100

57 20.9 17.7 26.5



#20

Methylene Chloride

Concen: 2.752 ug/l

RT: 4.734 min Scan# 478

Delta R.T. -0.001 min

Lab File: VY017381.D

Acq: 14 Feb 2024 14:31

Tgt Ion: 84 Resp: 9238

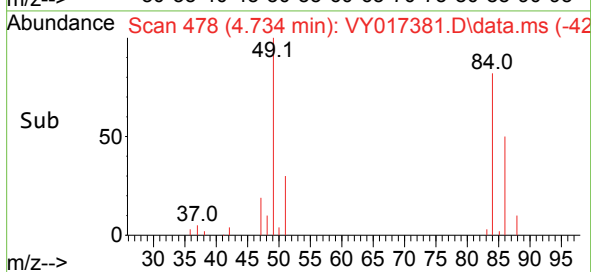
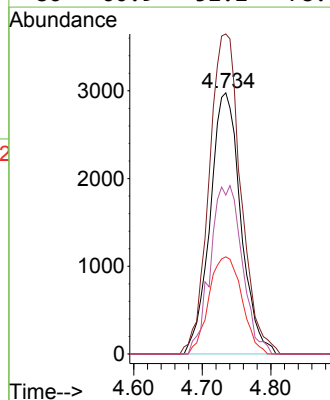
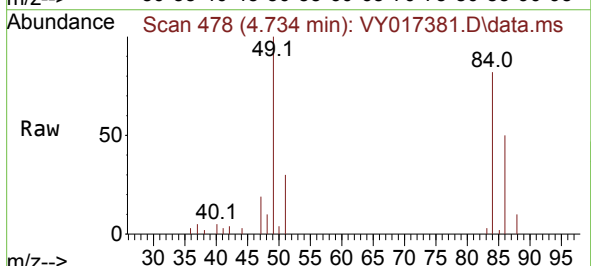
Ion Ratio Lower Upper

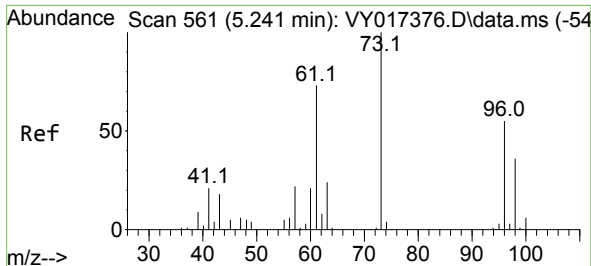
84 100

49 122.5 95.2 142.8

51 37.2 29.9 44.9

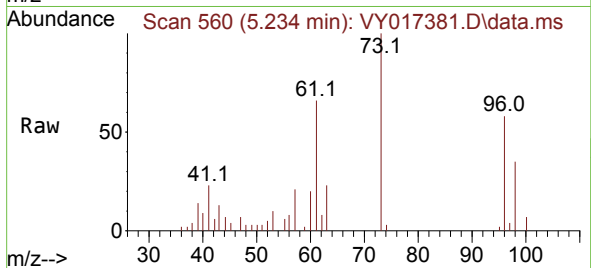
86 60.9 52.2 78.4



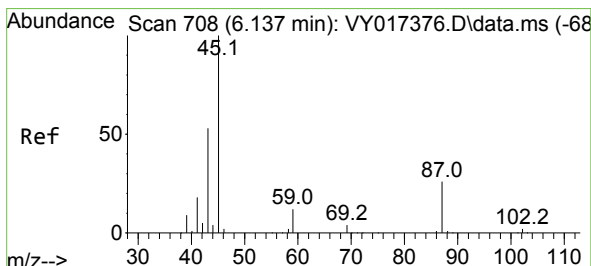
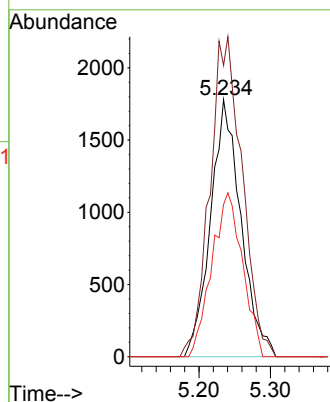
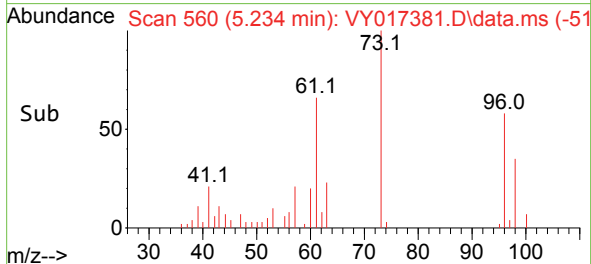


#21
trans-1,2-Dichloroethene
Concen: 4.515 ug/l
RT: 5.234 min Scan# 501
Delta R.T. -0.006 min
Lab File: VY017381.D
Acq: 14 Feb 2024 14:31

Instrument :
MSVOA_Y
ClientSampleId :

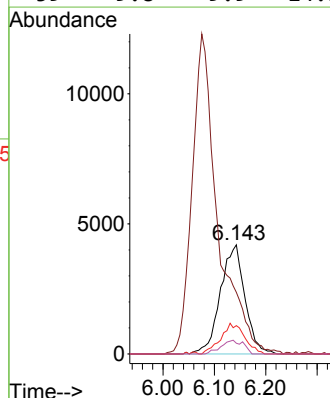
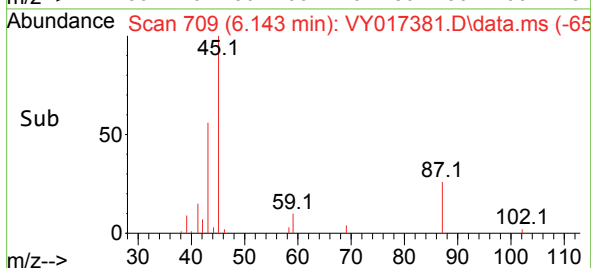
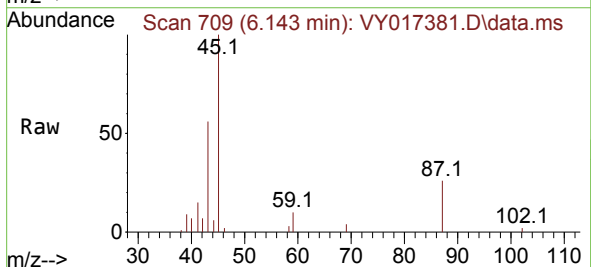


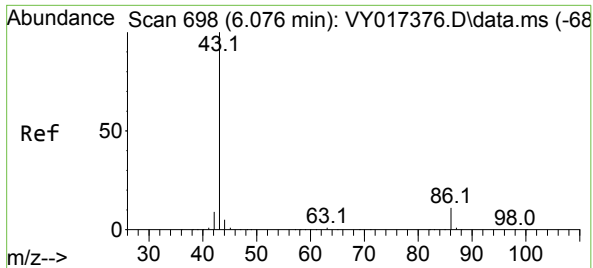
Tgt Ion: 96 Resp: 5252
Ion Ratio Lower Upper
96 100
61 113.3 104.6 156.8
98 59.2 50.9 76.3



#22
Diisopropyl ether
Concen: 4.319 ug/l
RT: 6.143 min Scan# 709
Delta R.T. 0.006 min
Lab File: VY017381.D
Acq: 14 Feb 2024 14:31

Tgt Ion: 45 Resp: 13936
Ion Ratio Lower Upper
45 100
43 54.0 46.8 70.2
87 25.9 22.2 33.2
59 9.8 9.9 14.9

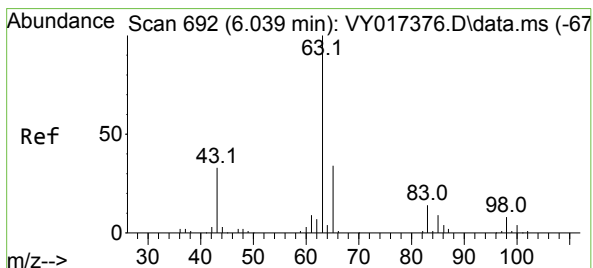
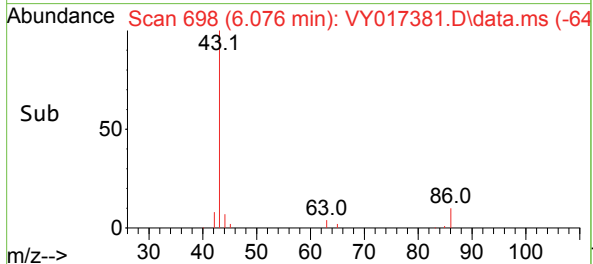
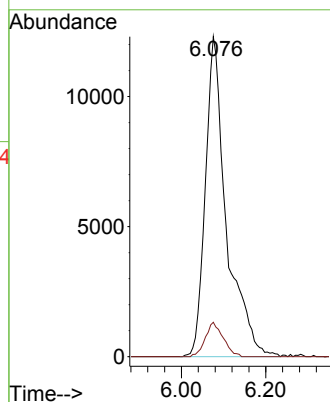
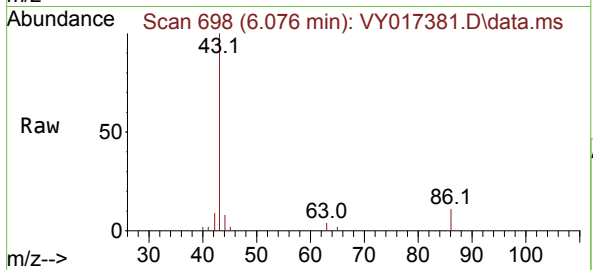




#23
 Vinyl Acetate
 Concen: 16.978 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. -0.000 min
 Lab File: VY017381.D
 Acq: 14 Feb 2024 14:31

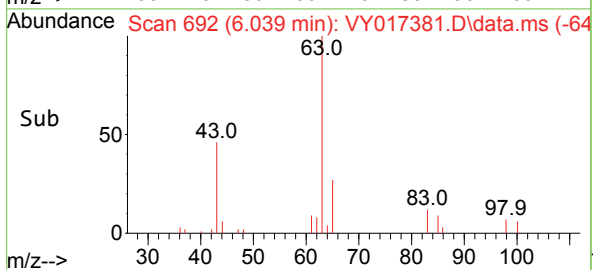
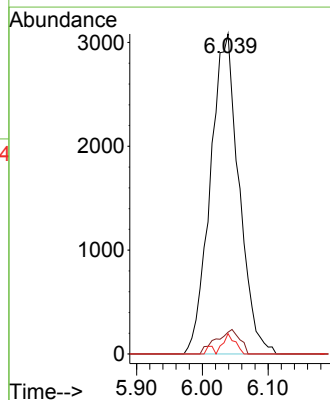
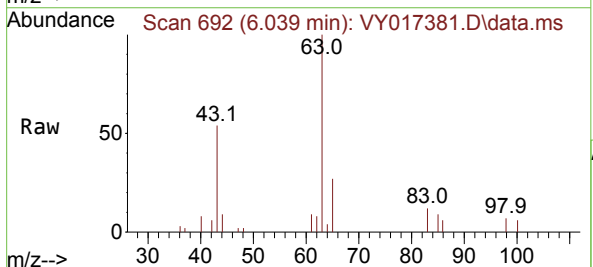
Instrument :
 MSVOA_Y
 ClientSampleId :

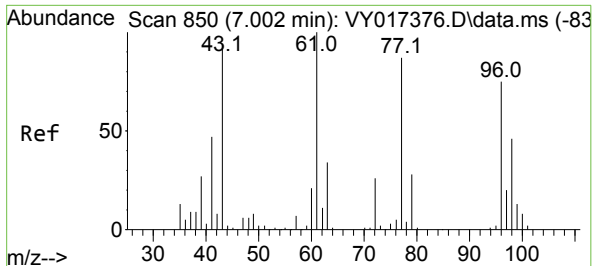
Tgt Ion: 43 Resp: 42745
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 4.635 ug/l
 RT: 6.039 min Scan# 692
 Delta R.T. -0.000 min
 Lab File: VY017381.D
 Acq: 14 Feb 2024 14:31

Tgt Ion: 63 Resp: 9331
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.8 11.4
 100 6.4 2.1 6.2#





#25

2-Butanone

Concen: 27.006 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY017381.D

Acq: 14 Feb 2024 14:31

Instrument :

MSVOA_Y

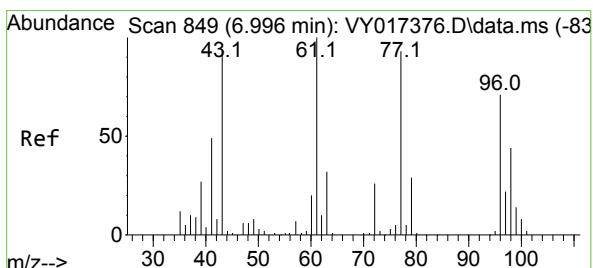
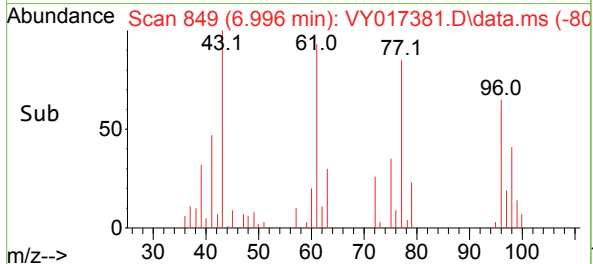
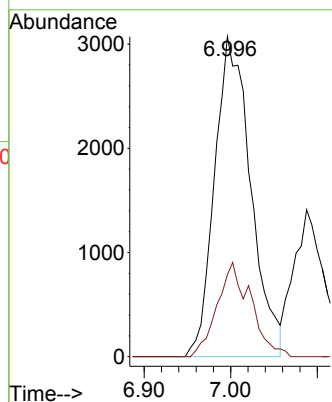
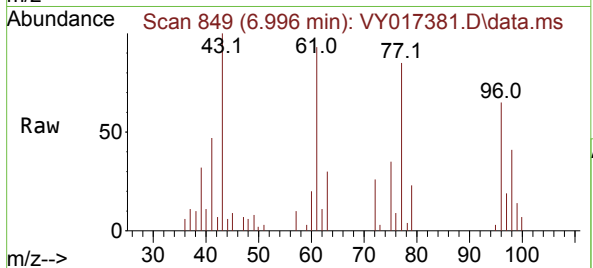
ClientSampleId :

Tgt Ion: 43 Resp: 8902

Ion Ratio Lower Upper

43 100

72 25.6 21.4 32.2



#26

2,2-Dichloropropane

Concen: 4.520 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.006 min

Lab File: VY017381.D

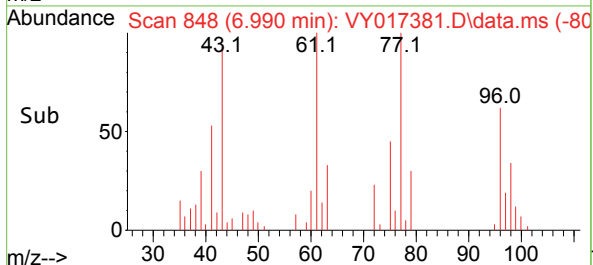
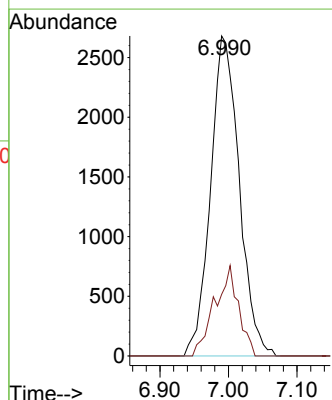
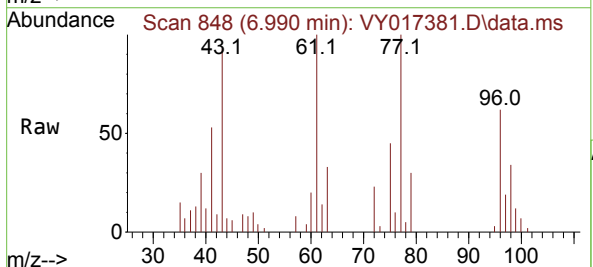
Acq: 14 Feb 2024 14:31

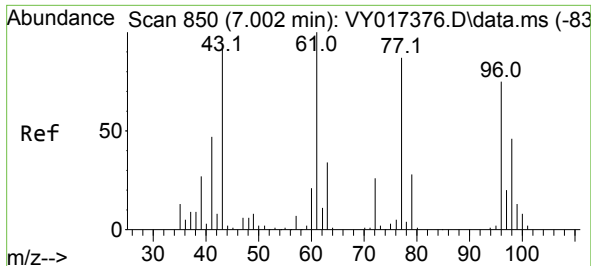
Tgt Ion: 77 Resp: 7794

Ion Ratio Lower Upper

77 100

97 23.4 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 4.549 ug/l

RT: 6.996 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY017381.D

Acq: 14 Feb 2024 14:31

Instrument :

MSVOA_Y

ClientSampleId :

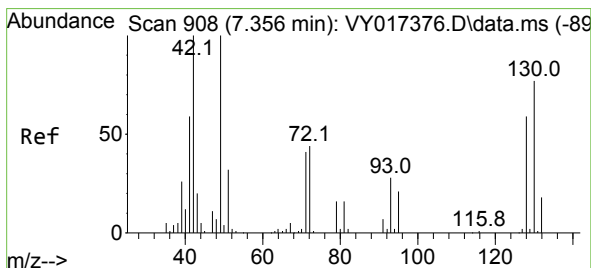
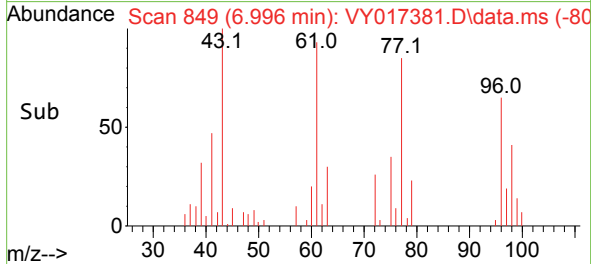
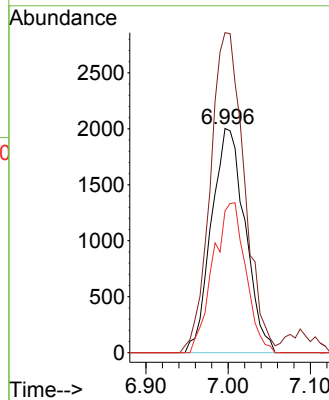
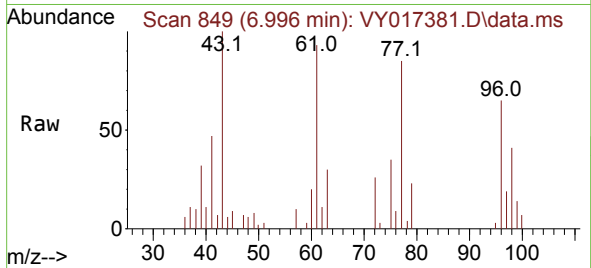
Tgt Ion: 96 Resp: 5698

Ion Ratio Lower Upper

96 100

61 144.2 0.0 278.8

98 64.9 0.0 127.0



#28

Bromochloromethane

Concen: 3.480 ug/l

RT: 7.350 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY017381.D

Acq: 14 Feb 2024 14:31

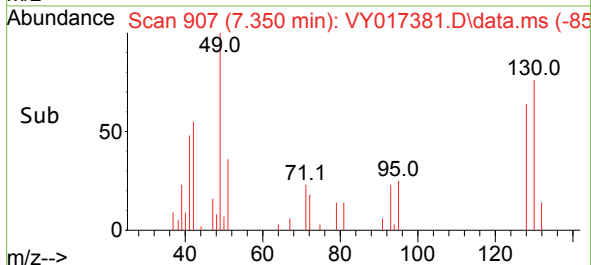
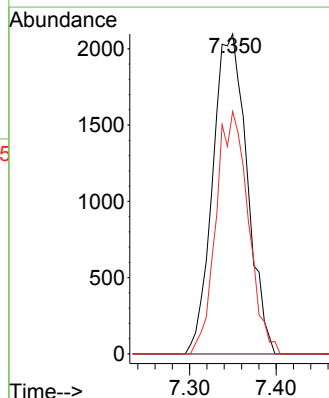
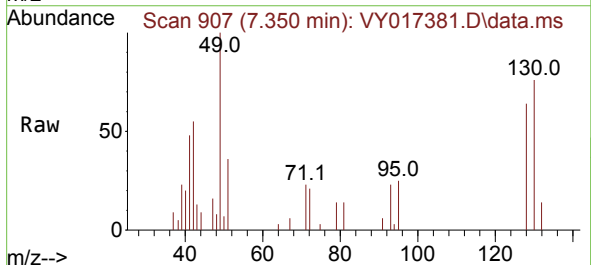
Tgt Ion: 49 Resp: 5780

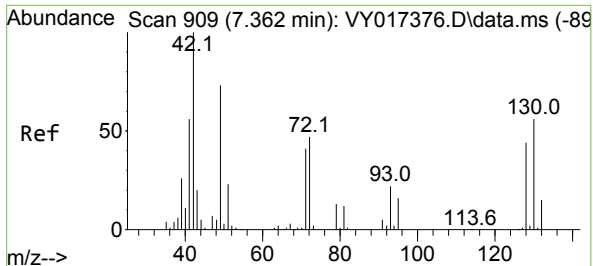
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 70.9 59.8 89.8





#29

Tetrahydrofuran

Concen: 24.513 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY017381.D

Acq: 14 Feb 2024 14:31

Instrument :

MSVOA_Y

ClientSampleId :

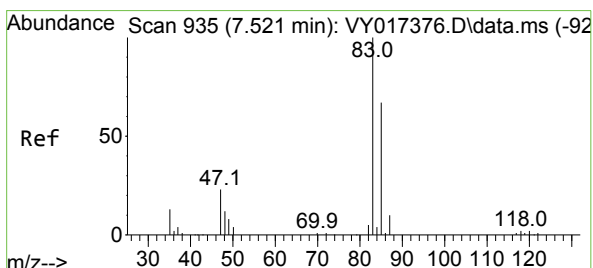
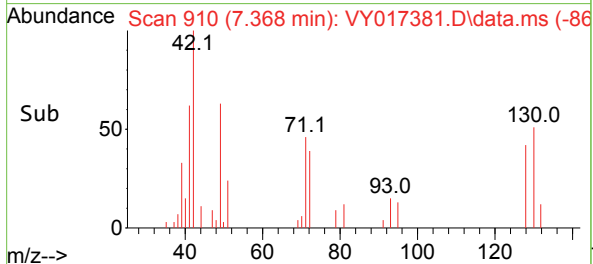
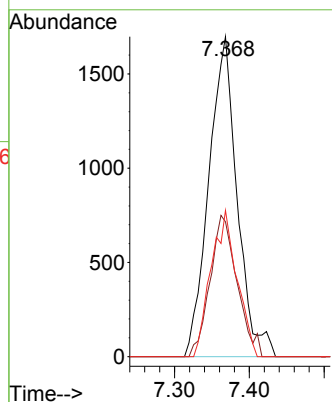
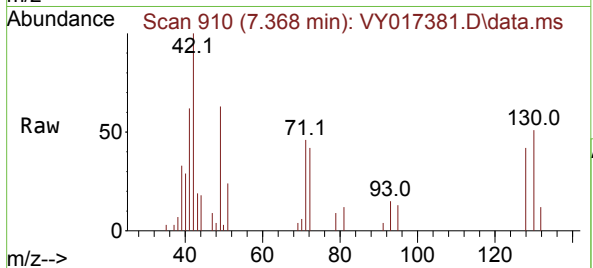
Tgt Ion: 42 Resp: 4481

Ion Ratio Lower Upper

42 100

72 42.1 36.6 54.8

71 41.8 33.8 50.6



#30

Chloroform

Concen: 4.693 ug/l

RT: 7.520 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY017381.D

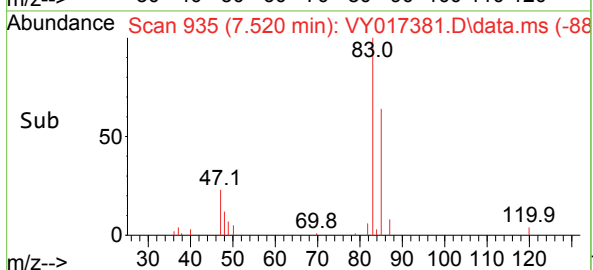
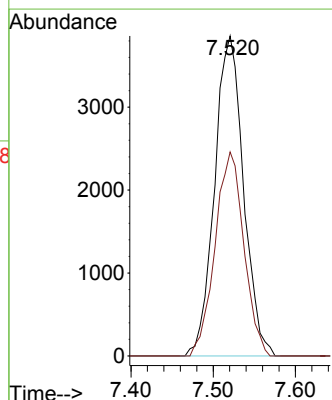
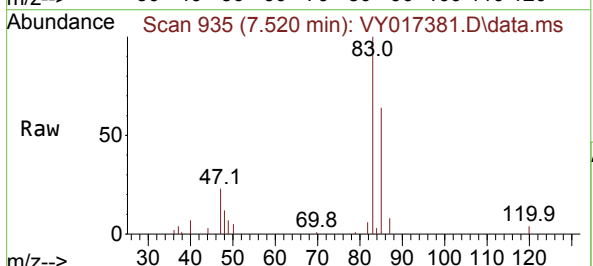
Acq: 14 Feb 2024 14:31

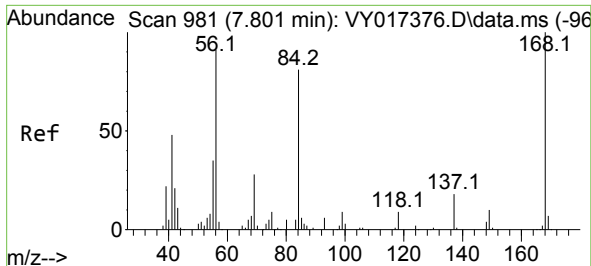
Tgt Ion: 83 Resp: 9421

Ion Ratio Lower Upper

83 100

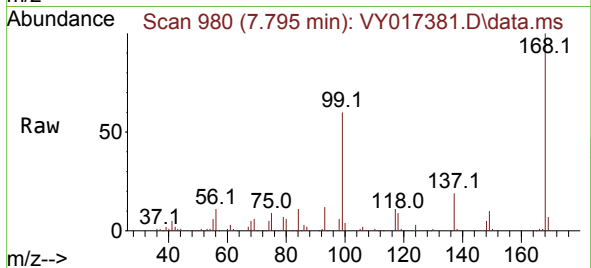
85 63.8 51.2 76.8



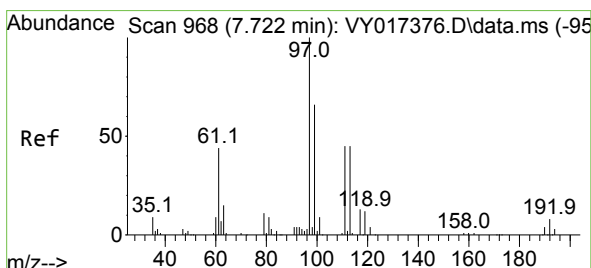
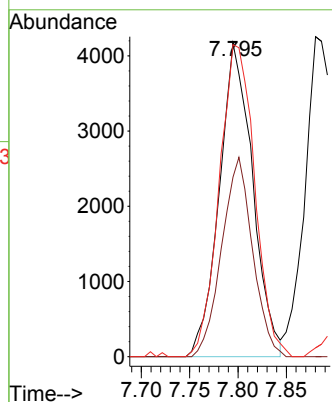
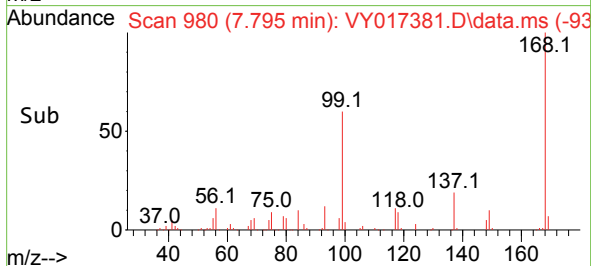


#31
Cyclohexane
Concen: 5.206 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017381.D
Acq: 14 Feb 2024 14:31

Instrument :
MSVOA_Y
ClientSampleId :

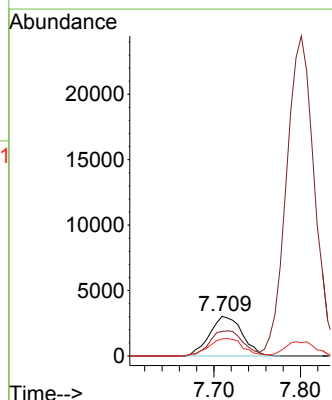
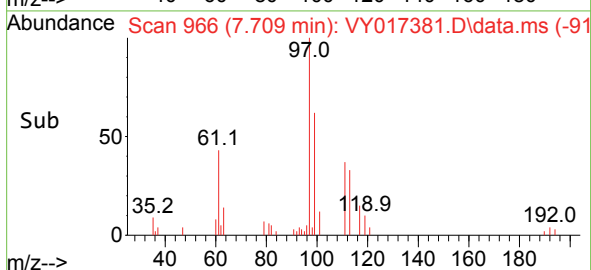
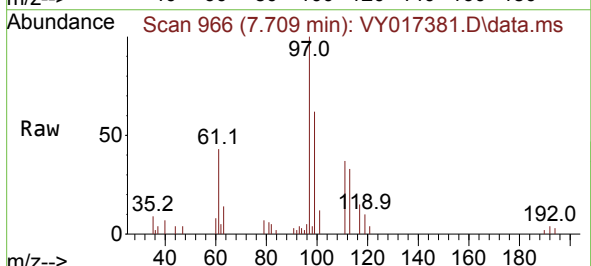


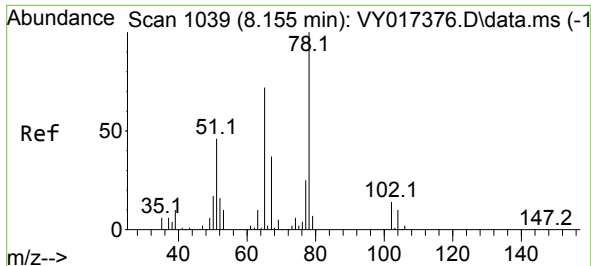
Tgt Ion: 56 Resp: 9989
Ion Ratio Lower Upper
56 100
69 57.2 27.0 40.6#
84 99.5 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 4.444 ug/l
RT: 7.709 min Scan# 966
Delta R.T. -0.012 min
Lab File: VY017381.D
Acq: 14 Feb 2024 14:31

Tgt Ion: 97 Resp: 7915
Ion Ratio Lower Upper
97 100
99 64.8 51.2 76.8
61 45.9 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 6.030 ug/l

RT: 8.148 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY017381.D

Acq: 14 Feb 2024 14:31

Instrument :

MSVOA_Y

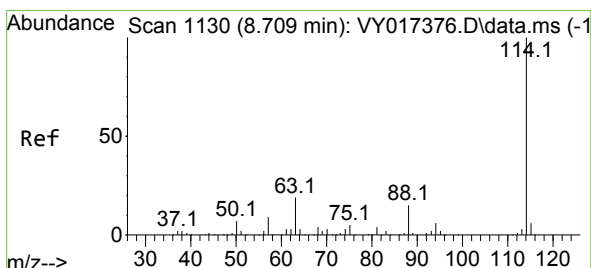
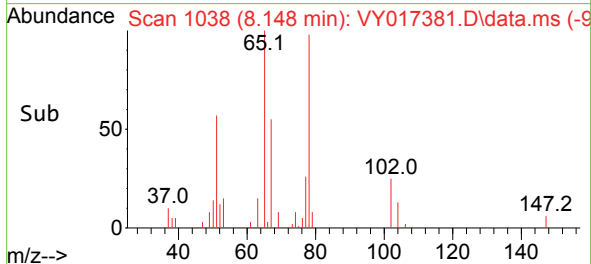
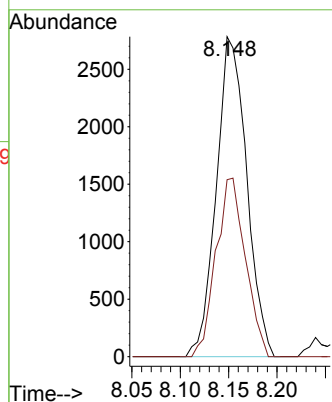
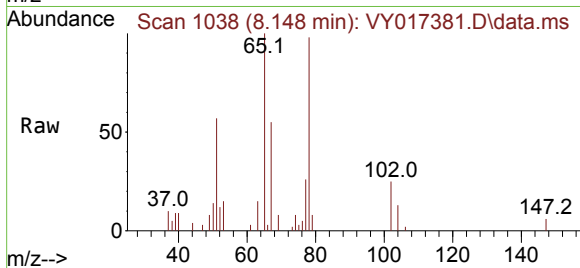
ClientSampleId :

Tgt Ion: 65 Resp: 6077

Ion Ratio Lower Upper

65 100

67 54.1 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.012 min

Lab File: VY017381.D

Acq: 14 Feb 2024 14:31

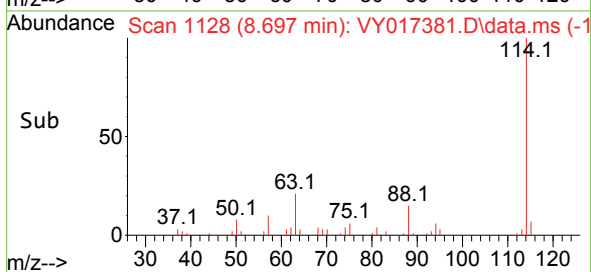
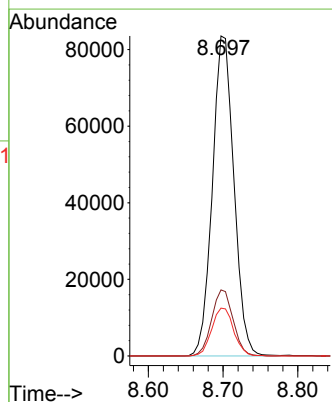
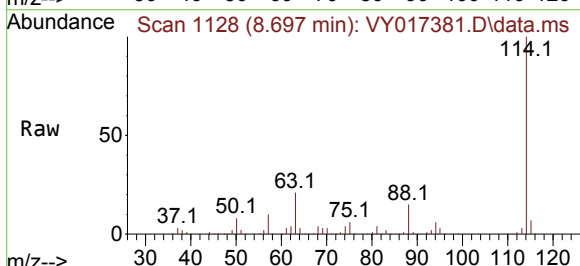
Tgt Ion: 114 Resp: 167464

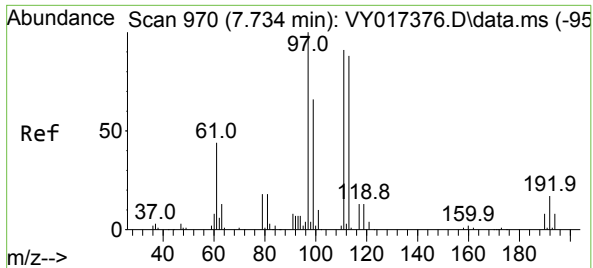
Ion Ratio Lower Upper

114 100

63 20.7 0.0 37.4

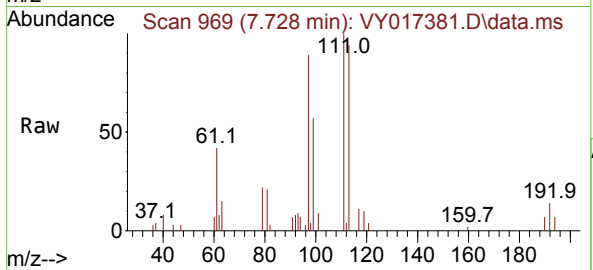
88 15.0 0.0 29.0



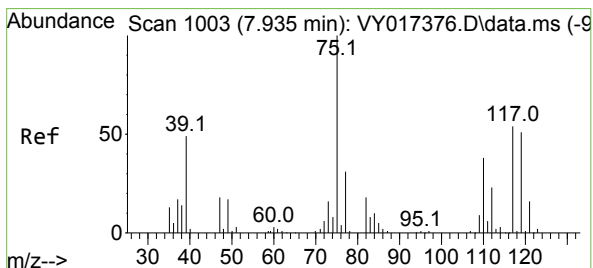
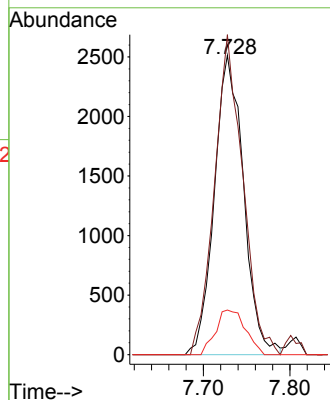
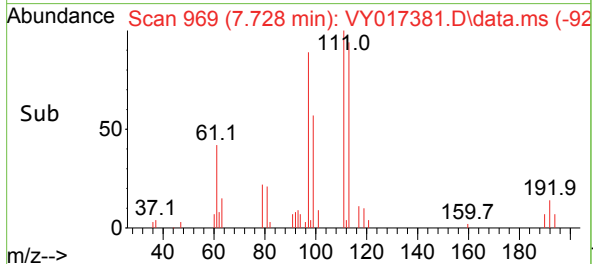


#35
Dibromofluoromethane
Concen: 5.505 ug/l
RT: 7.728 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY017381.D
Acq: 14 Feb 2024 14:31

Instrument :
MSVOA_Y
ClientSampleId :

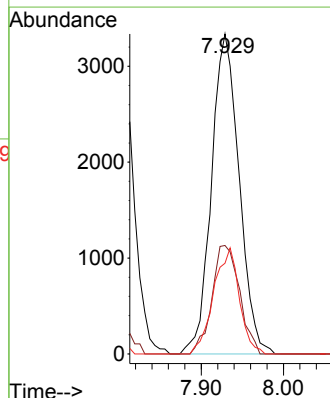
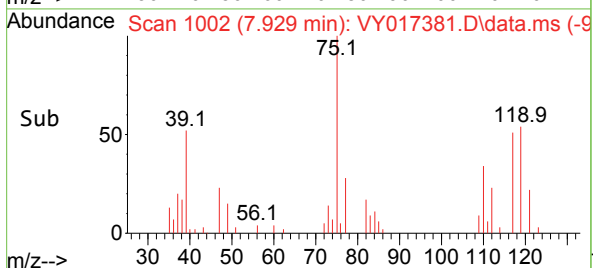
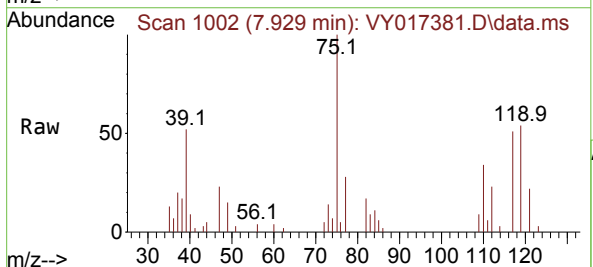


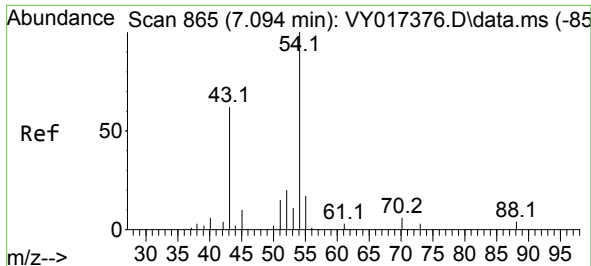
Tgt Ion:113 Resp: 5878
Ion Ratio Lower Upper
113 100
111 103.5 83.8 125.6
192 15.2 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.466 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. -0.006 min
Lab File: VY017381.D
Acq: 14 Feb 2024 14:31

Tgt Ion: 75 Resp: 7808
Ion Ratio Lower Upper
75 100
110 33.7 17.4 52.3
77 30.8 24.7 37.1

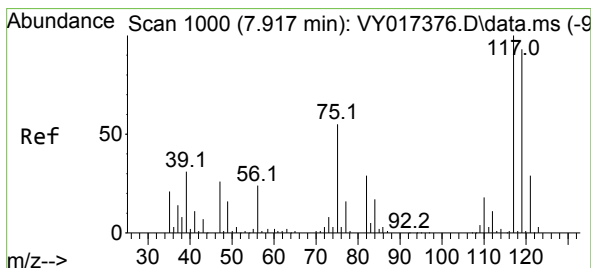
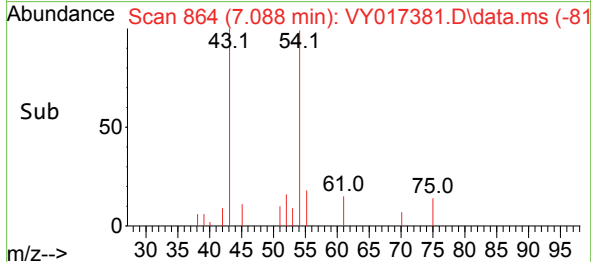
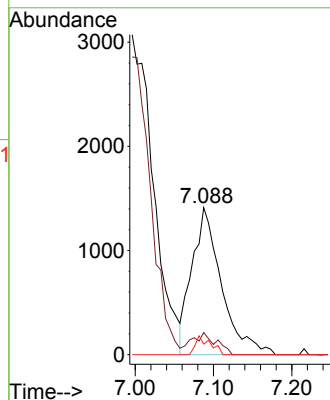
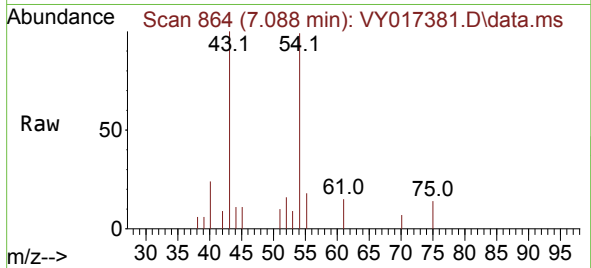




#37
Ethyl Acetate
Concen: 5.224 ug/l
RT: 7.088 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY017381.D
Acq: 14 Feb 2024 14:31

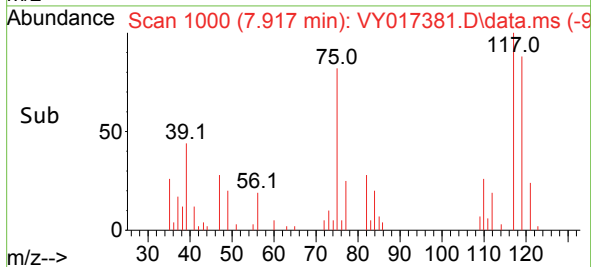
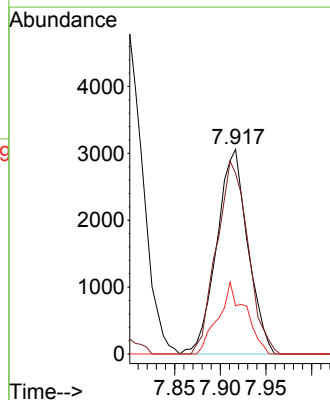
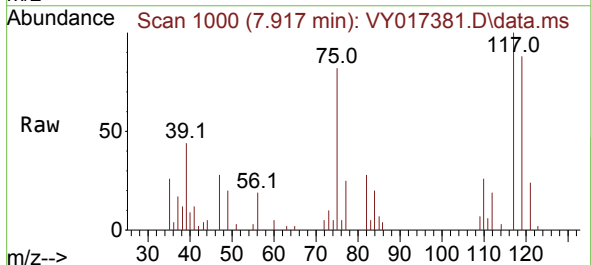
Instrument :
MSVOA_Y
ClientSampleId :

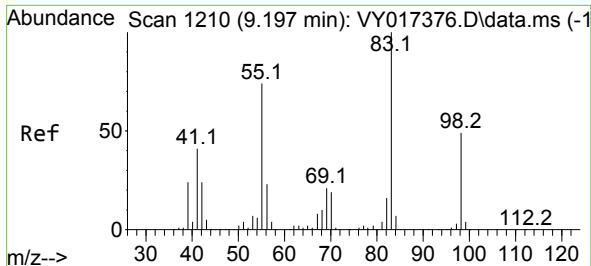
Tgt Ion: 43 Resp: 3713
Ion Ratio Lower Upper
43 100
61 12.5 11.0 16.6
70 6.4 8.1 12.1#



#38
Carbon Tetrachloride
Concen: 4.314 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY017381.D
Acq: 14 Feb 2024 14:31

Tgt Ion:117 Resp: 7237
Ion Ratio Lower Upper
117 100
119 88.2 76.0 114.0
121 23.6 24.2 36.2#

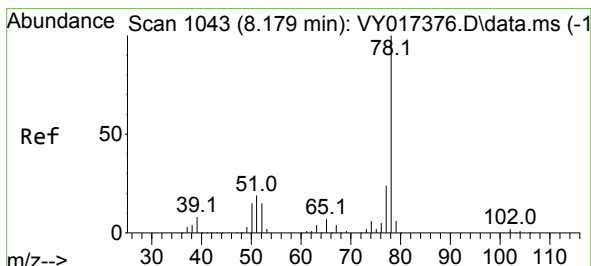
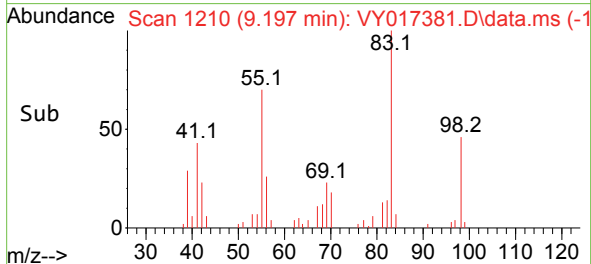
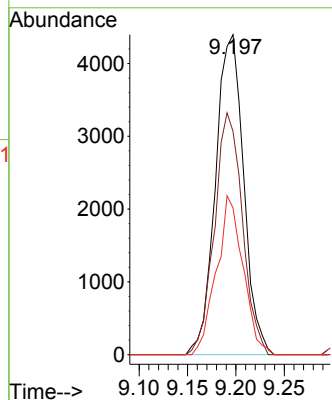
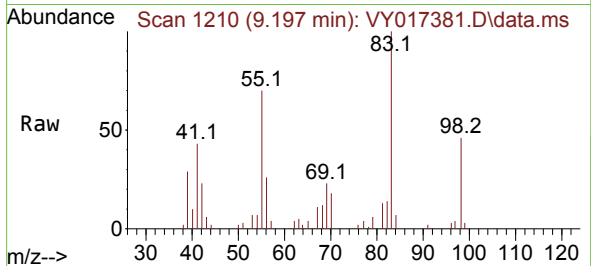




#39
Methylcyclohexane
Concen: 4.240 ug/l
RT: 9.197 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017381.D
Acq: 14 Feb 2024 14:31

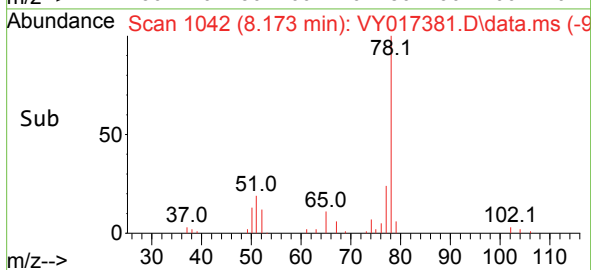
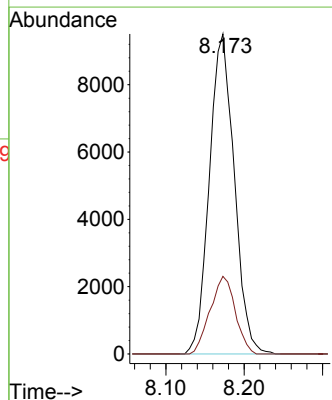
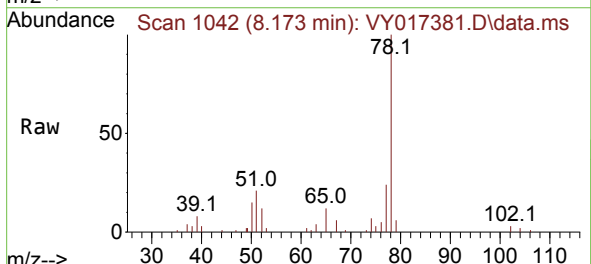
Instrument :
MSVOA_Y
ClientSampleId :

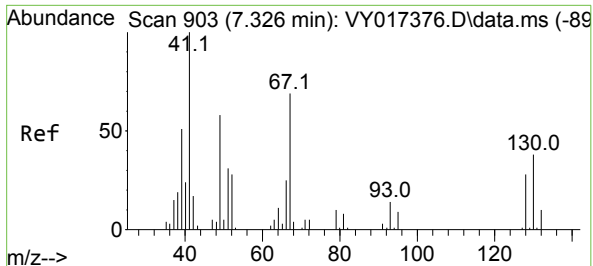
Tgt Ion: 83 Resp: 8875
Ion Ratio Lower Upper
83 100
55 69.8 59.7 89.5
98 45.9 38.0 57.0



#40
Benzene
Concen: 4.282 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VY017381.D
Acq: 14 Feb 2024 14:31

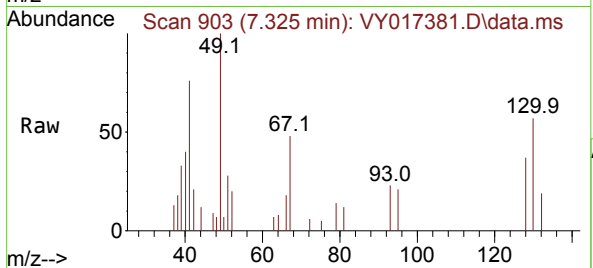
Tgt Ion: 78 Resp: 20973
Ion Ratio Lower Upper
78 100
77 24.3 18.8 28.2



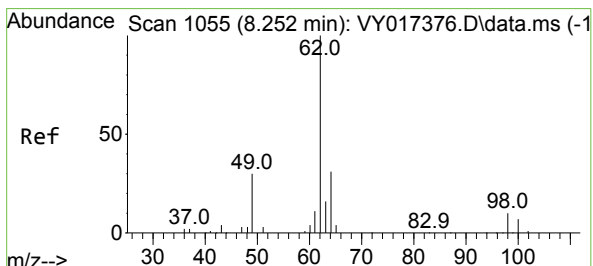
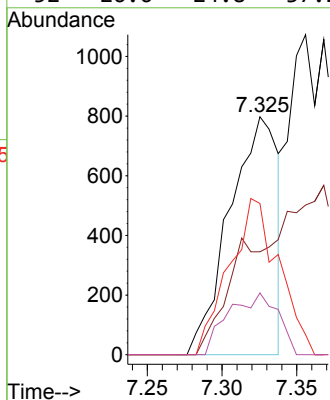
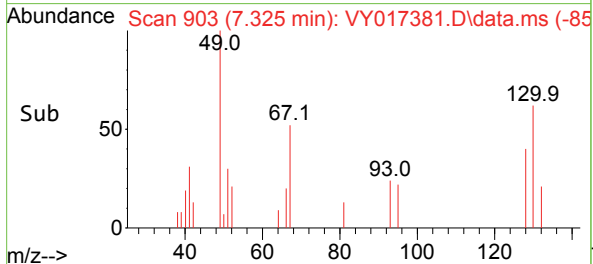


#41
Methacrylonitrile
Concen: 4.933 ug/l
RT: 7.325 min Scan# 903
Delta R.T. -0.000 min
Lab File: VY017381.D
Acq: 14 Feb 2024 14:31

Instrument :
MSVOA_Y
ClientSampleId :

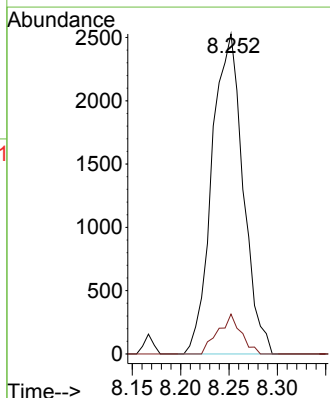
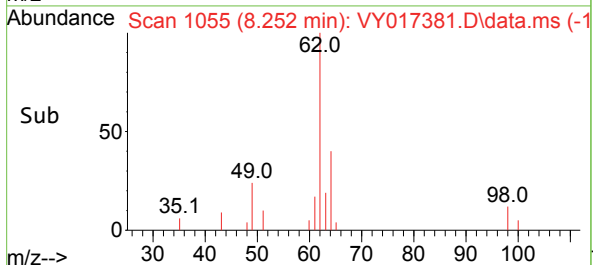
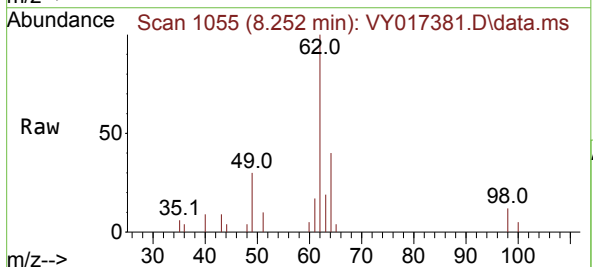


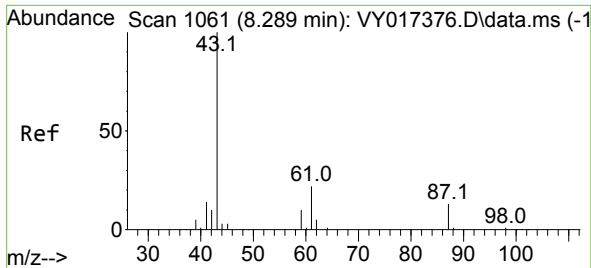
Tgt Ion: 41	Resp: 1787
Ion Ratio	Lower Upper
41 100	
39 34.8	41.9 62.9#
67 67.3	59.8 89.6
52 26.6	24.8 37.2



#42
1,2-Dichloroethane
Concen: 4.531 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VY017381.D
Acq: 14 Feb 2024 14:31

Tgt Ion: 62	Resp: 5648
Ion Ratio	Lower Upper
62 100	
98 9.2	0.0 20.2

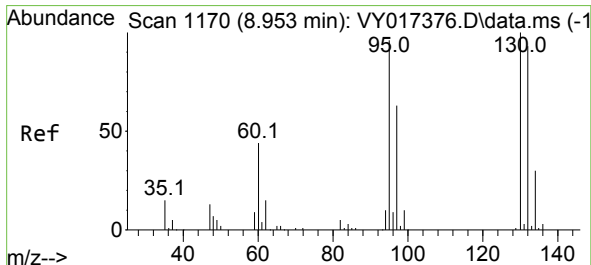
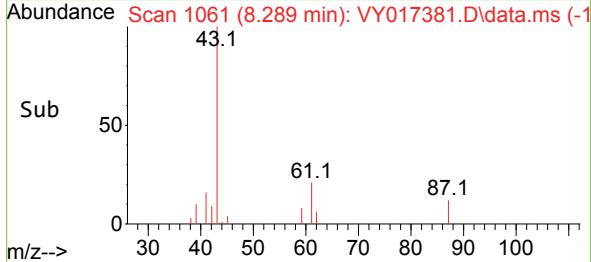
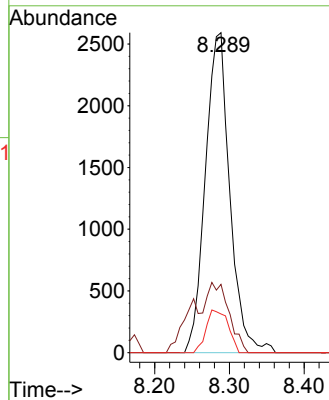
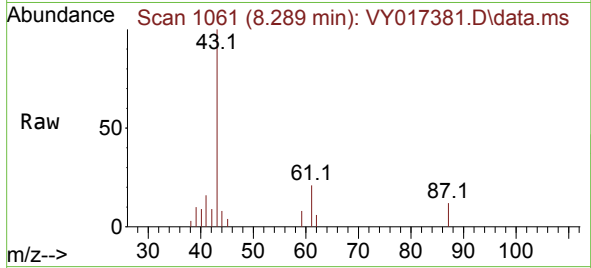




#43
Isopropyl Acetate
Concen: 4.627 ug/l
RT: 8.289 min Scan# 1061
Delta R.T. -0.000 min
Lab File: VY017381.D
Acq: 14 Feb 2024 14:31

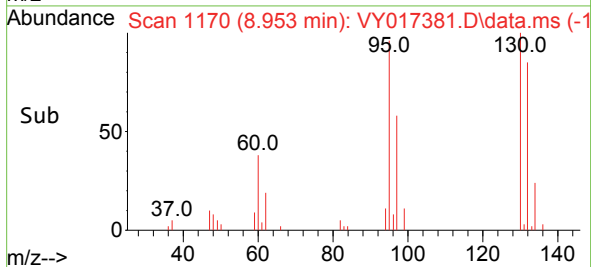
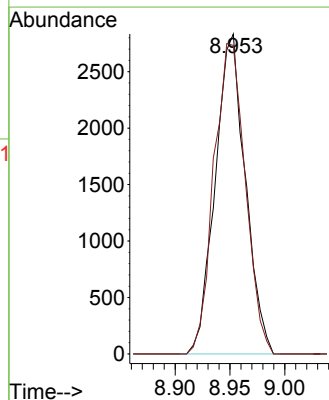
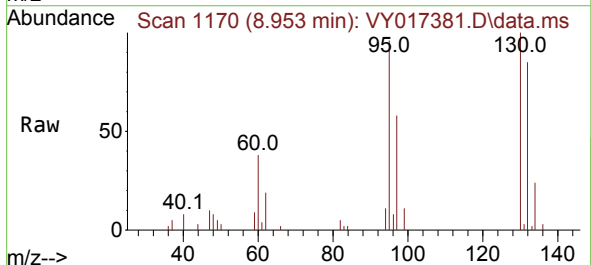
Instrument :
MSVOA_Y
ClientSampleId :

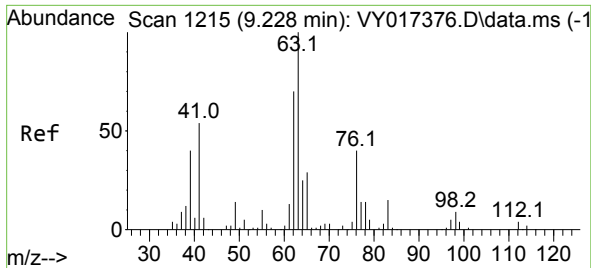
Tgt Ion: 43 Resp: 5891
Ion Ratio Lower Upper
43 100
61 21.6 24.8 37.2#
87 12.0 10.7 16.1



#44
Trichloroethene
Concen: 4.276 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VY017381.D
Acq: 14 Feb 2024 14:31

Tgt Ion:130 Resp: 5412
Ion Ratio Lower Upper
130 100
95 96.4 0.0 203.8

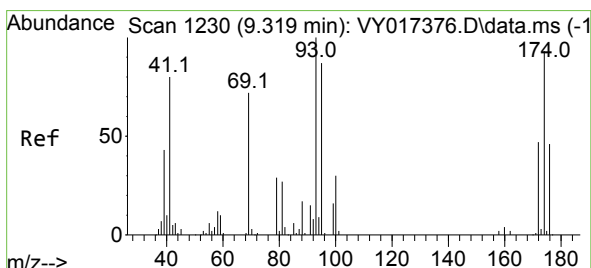
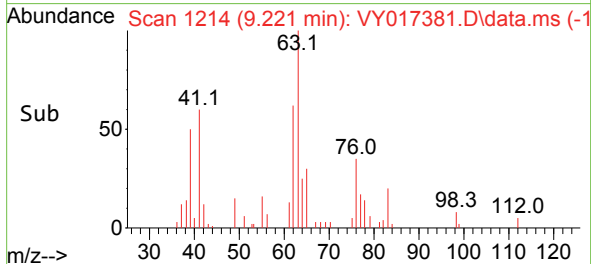
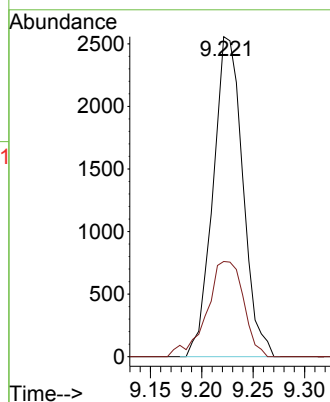
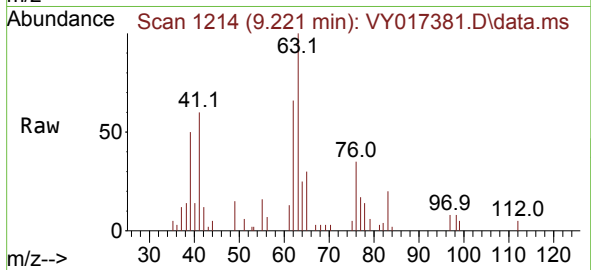




#45
1,2-Dichloropropane
Concen: 4.360 ug/l
RT: 9.221 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017381.D
Acq: 14 Feb 2024 14:31

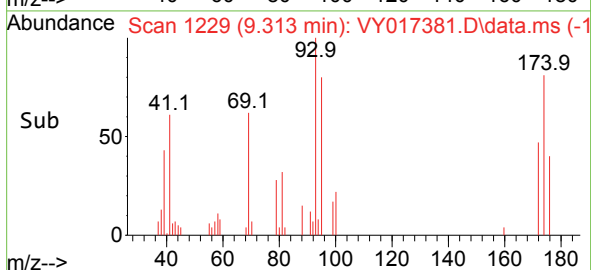
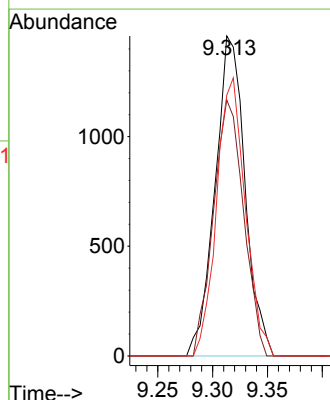
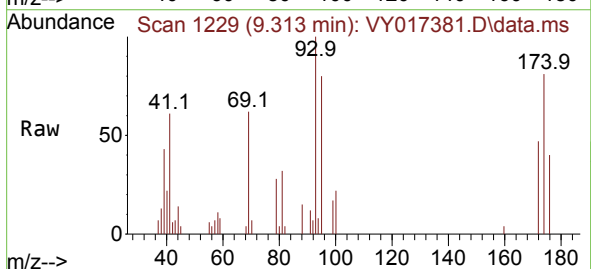
Instrument :
MSVOA_Y
ClientSampleId :

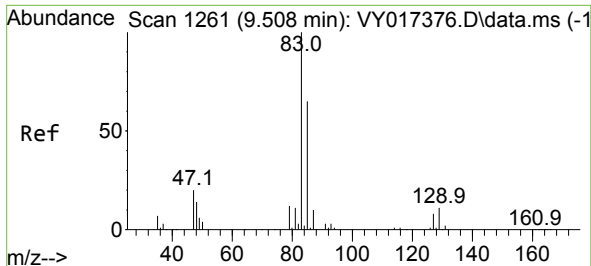
Tgt Ion: 63 Resp: 5139
Ion Ratio Lower Upper
63 100
65 29.8 24.6 36.8



#46
Dibromomethane
Concen: 4.534 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. -0.006 min
Lab File: VY017381.D
Acq: 14 Feb 2024 14:31

Tgt Ion: 93 Resp: 2773
Ion Ratio Lower Upper
93 100
95 80.6 66.6 99.8
174 83.3 73.8 110.6

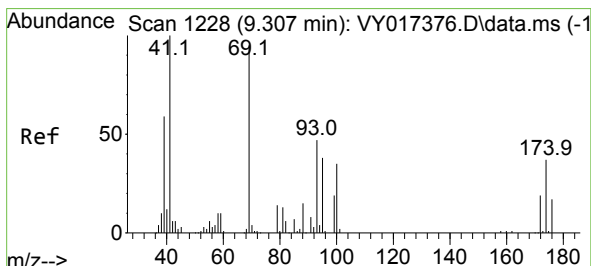
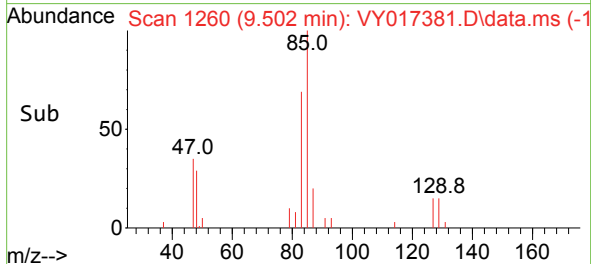
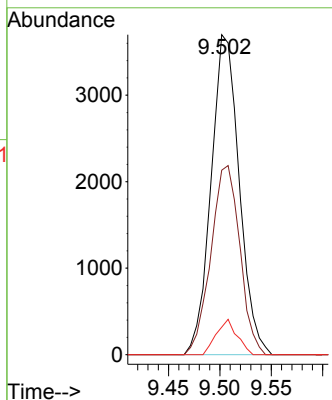
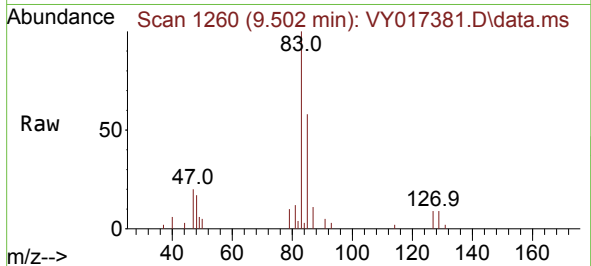




#47
Bromodichloromethane
Concen: 4.480 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. -0.006 min
Lab File: VY017381.D
Acq: 14 Feb 2024 14:31

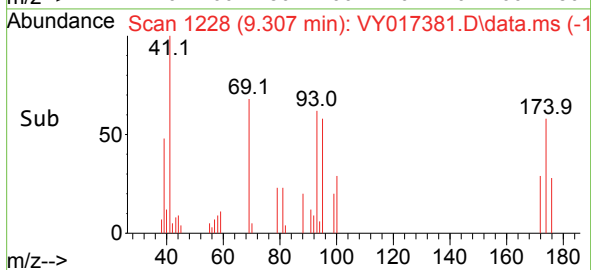
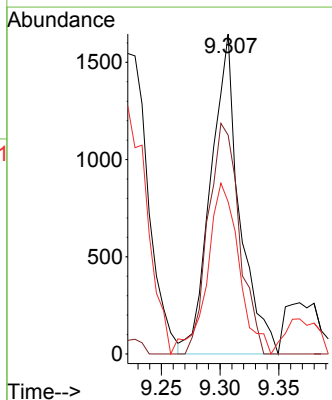
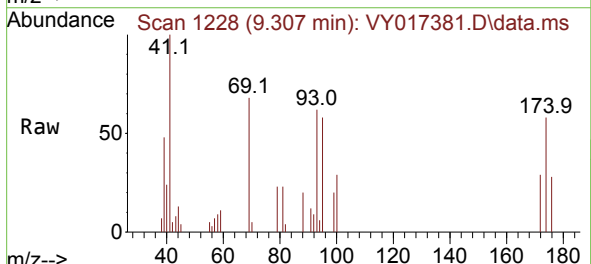
Instrument :
MSVOA_Y
ClientSampleId :

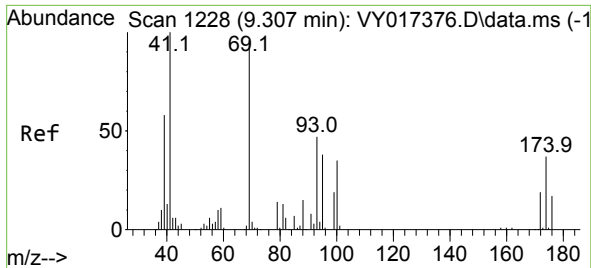
Tgt Ion	83	85	127
Resp:	7048		
Ratio	100	57.6	8.6
Lower		53.2	6.4
Upper		79.8	9.6



#48
Methyl methacrylate
Concen: 4.171 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VY017381.D
Acq: 14 Feb 2024 14:31

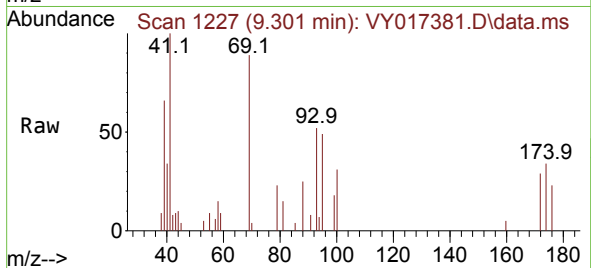
Tgt Ion	41	69	39
Resp:	2800		
Ratio	100	78.0	56.6
Lower		72.1	42.8
Upper		108.1	64.2



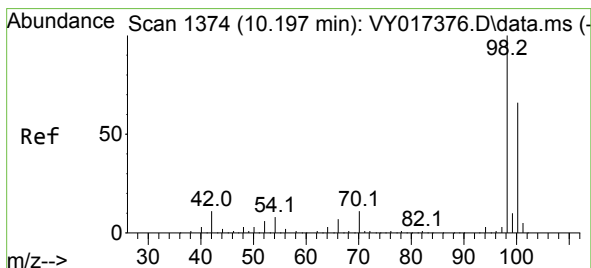
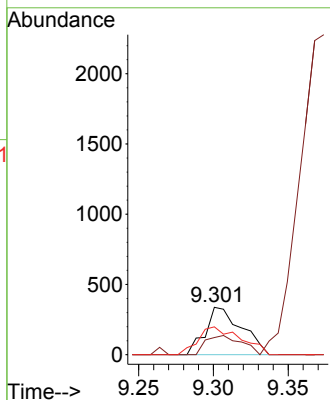
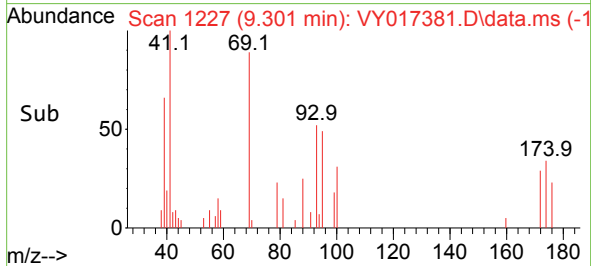


#49
1,4-Dioxane
Concen: 90.280 ug/l
RT: 9.301 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017381.D
Acq: 14 Feb 2024 14:31

Instrument :
MSVOA_Y
ClientSampleId :

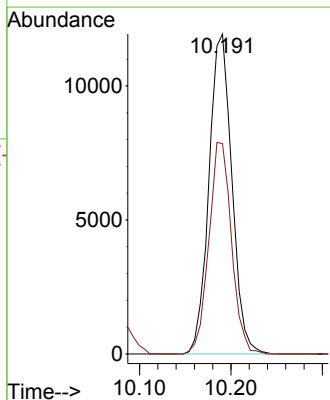
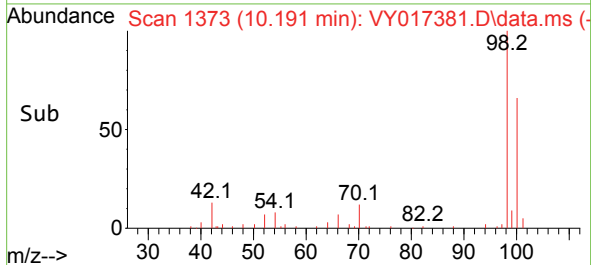
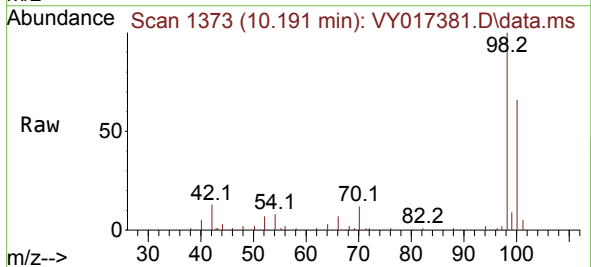


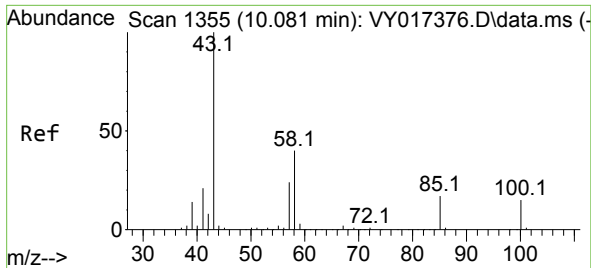
Tgt Ion: 88 Resp: 569
Ion Ratio Lower Upper
88 100
43 39.9 28.2 42.4
58 68.9 52.2 78.2



#50
Toluene-d8
Concen: 5.032 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.006 min
Lab File: VY017381.D
Acq: 14 Feb 2024 14:31

Tgt Ion: 98 Resp: 20817
Ion Ratio Lower Upper
98 100
100 65.3 52.3 78.5

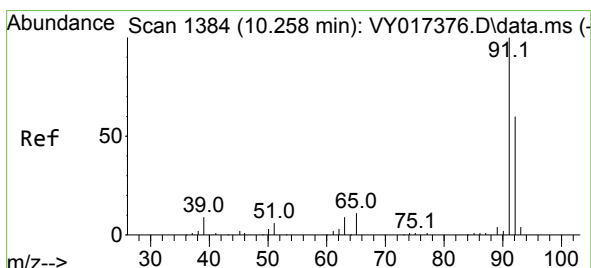
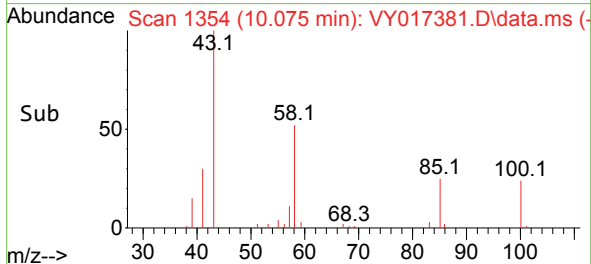
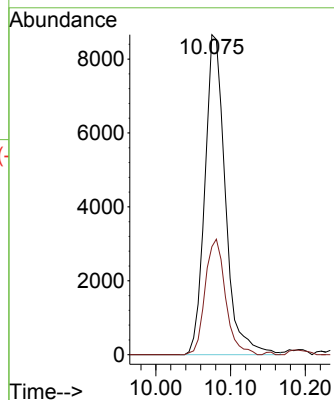
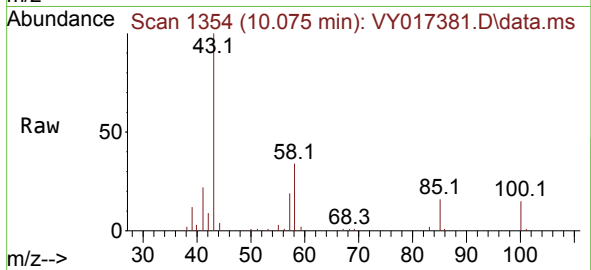




#51
4-Methyl-2-Pentanone
Concen: 23.796 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.006 min
Lab File: VY017381.D
Acq: 14 Feb 2024 14:31

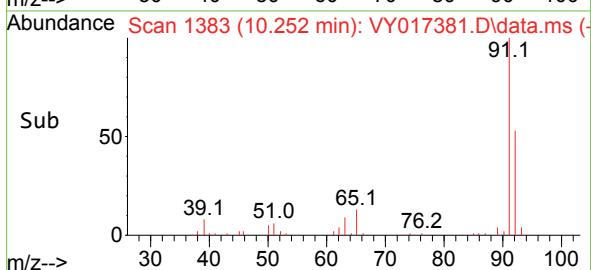
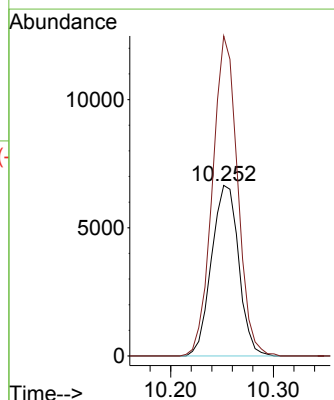
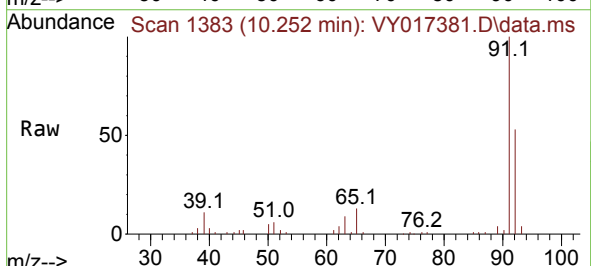
Instrument :
MSVOA_Y
ClientSampleId :

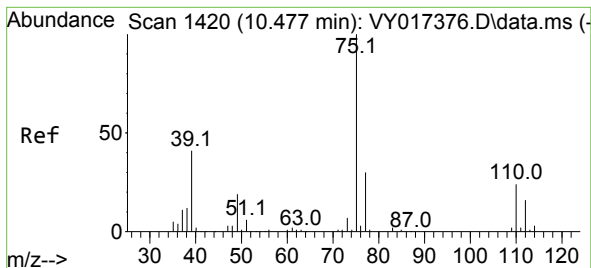
Tgt Ion: 43 Resp: 16460
Ion Ratio Lower Upper
43 100
58 35.9 32.2 48.2



#52
Toluene
Concen: 4.101 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VY017381.D
Acq: 14 Feb 2024 14:31

Tgt Ion: 92 Resp: 12206
Ion Ratio Lower Upper
92 100
91 173.9 137.6 206.4

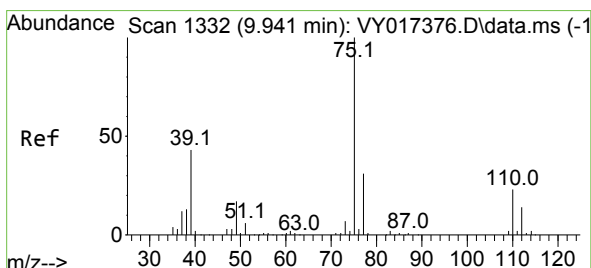
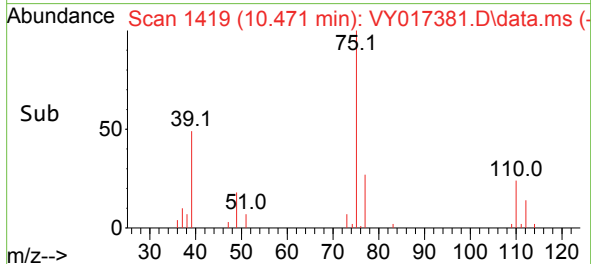
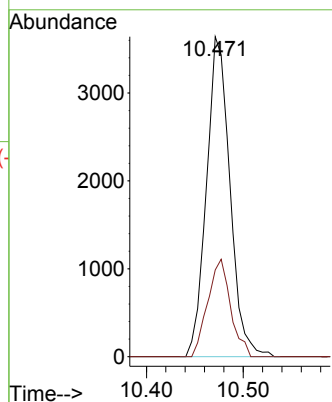
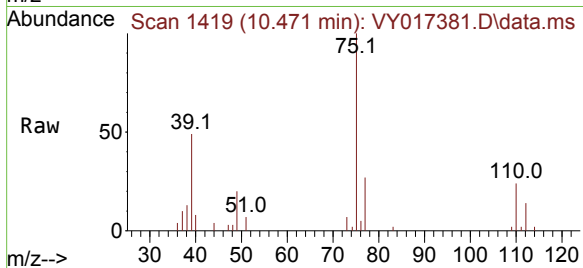




#53
 t-1,3-Dichloropropene
 Concen: 4.215 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. -0.006 min
 Lab File: VY017381.D
 Acq: 14 Feb 2024 14:31

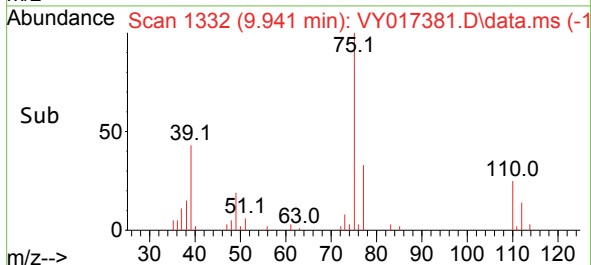
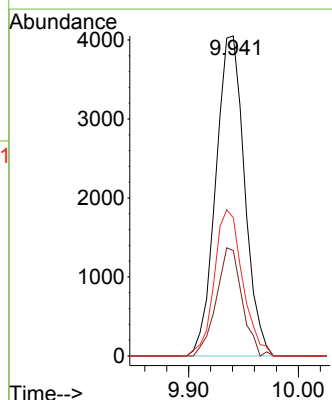
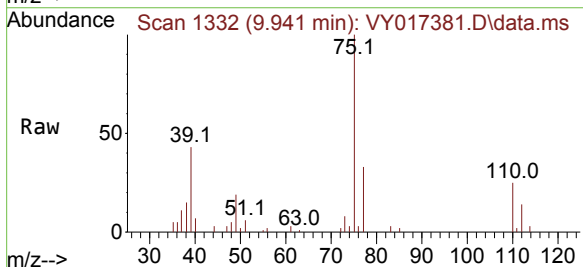
Instrument :
 MSVOA_Y
 ClientSampleId :

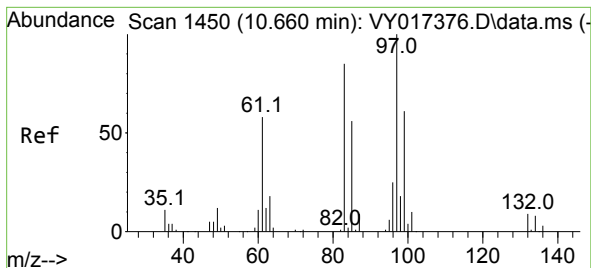
Tgt Ion: 75 Resp: 6143
 Ion Ratio Lower Upper
 75 100
 77 27.1 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 4.140 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. -0.000 min
 Lab File: VY017381.D
 Acq: 14 Feb 2024 14:31

Tgt Ion: 75 Resp: 7387
 Ion Ratio Lower Upper
 75 100
 77 32.9 24.6 36.8
 39 43.2 33.6 50.4



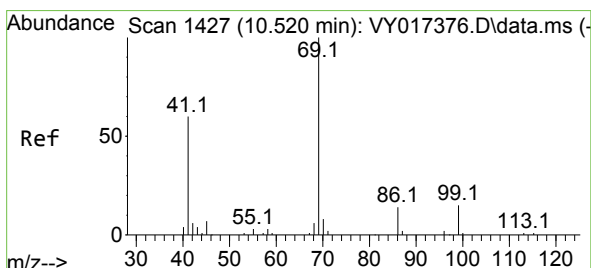
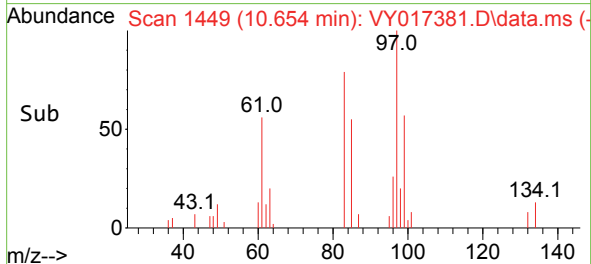
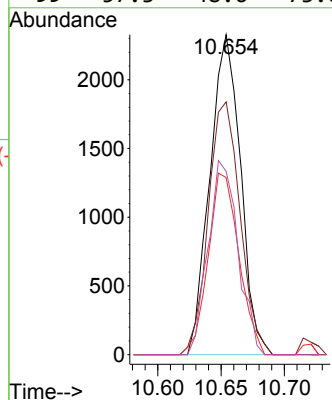
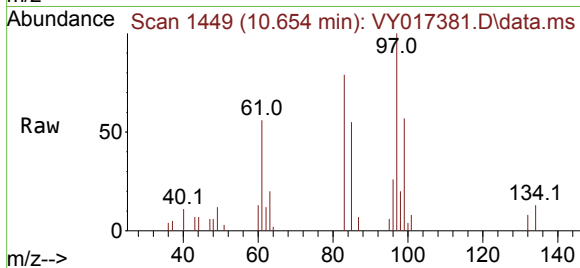


#55
 1,1,2-Trichloroethane
 Concen: 4.678 ug/l
 RT: 10.654 min Scan# 1449
 Delta R.T. -0.006 min
 Lab File: VY017381.D
 Acq: 14 Feb 2024 14:31

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 97 Resp: 3924

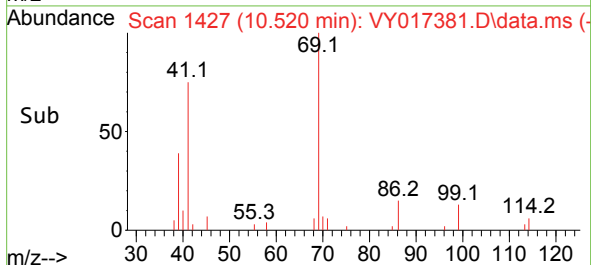
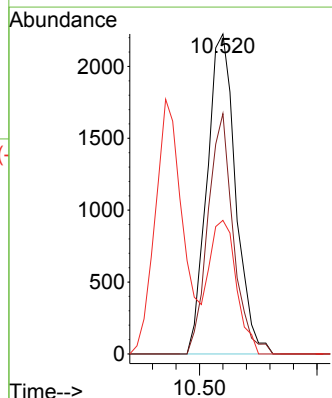
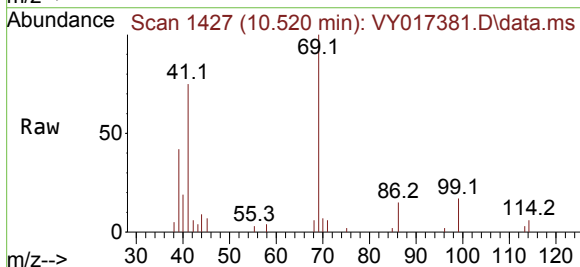
Ion	Ratio	Lower	Upper
97	100		
83	79.0	69.4	104.2
85	55.3	43.9	65.9
99	57.3	48.6	73.0

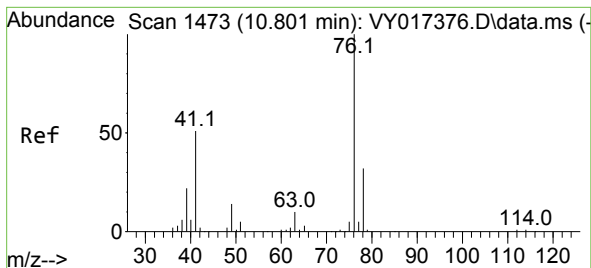


#56
 Ethyl methacrylate
 Concen: 4.400 ug/l
 RT: 10.520 min Scan# 1427
 Delta R.T. -0.000 min
 Lab File: VY017381.D
 Acq: 14 Feb 2024 14:31

Tgt Ion: 69 Resp: 3762

Ion	Ratio	Lower	Upper
69	100		
41	66.7	49.2	73.8
39	39.0	26.8	40.2





#57

1,3-Dichloropropane

Concen: 4.518 ug/l

RT: 10.794 min Scan# 1473

Delta R.T. -0.006 min

Lab File: VY017381.D

Acq: 14 Feb 2024 14:31

Instrument :

MSVOA_Y

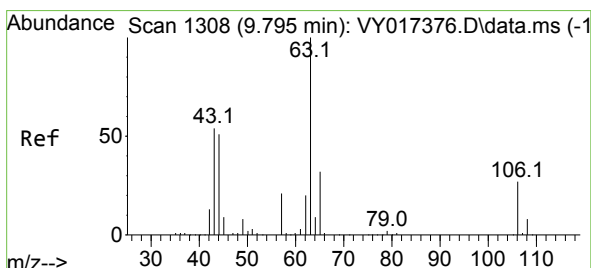
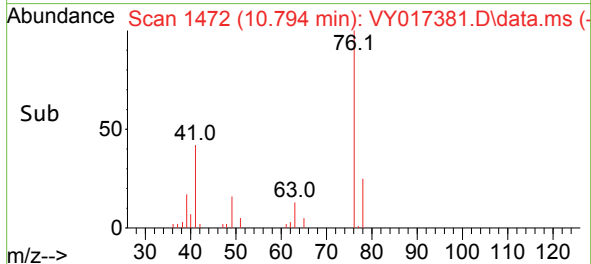
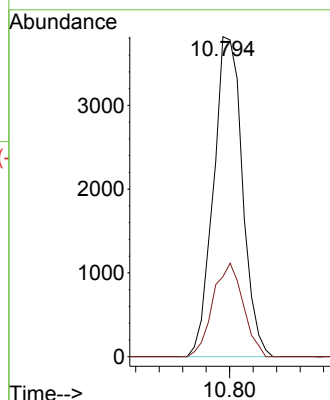
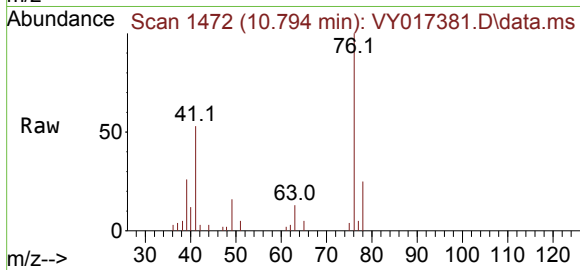
ClientSampleId :

Tgt Ion: 76 Resp: 6528

Ion Ratio Lower Upper

76 100

78 30.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 21.686 ug/l

RT: 9.788 min Scan# 1307

Delta R.T. -0.006 min

Lab File: VY017381.D

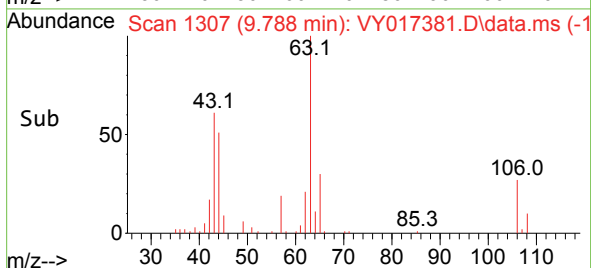
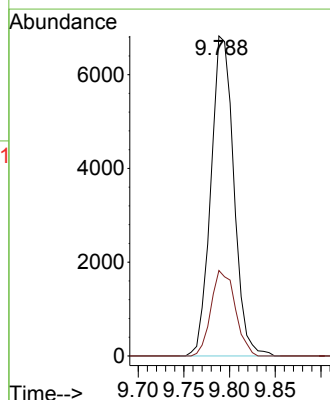
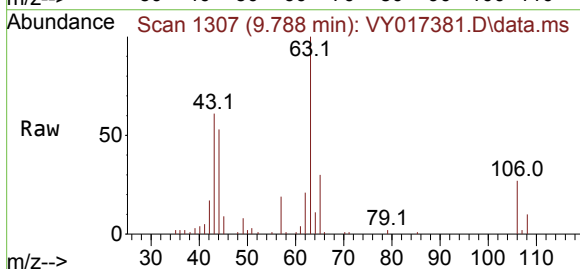
Acq: 14 Feb 2024 14:31

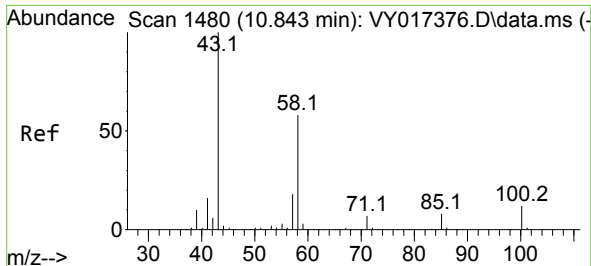
Tgt Ion: 63 Resp: 11892

Ion Ratio Lower Upper

63 100

106 28.2 22.4 33.6

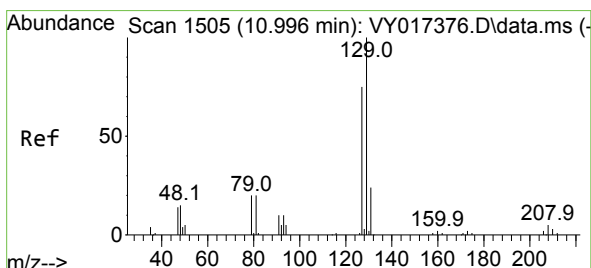
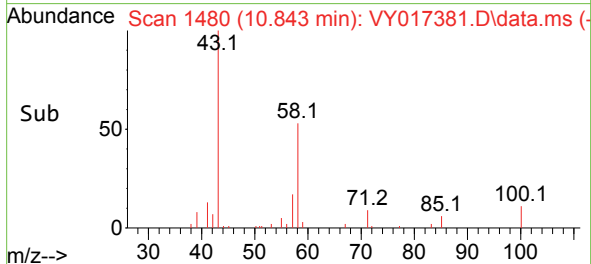
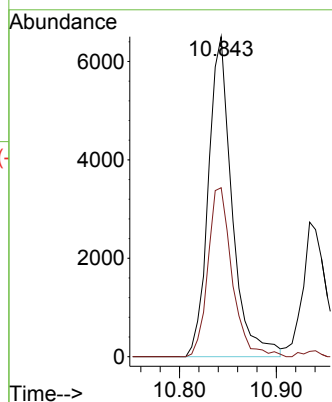
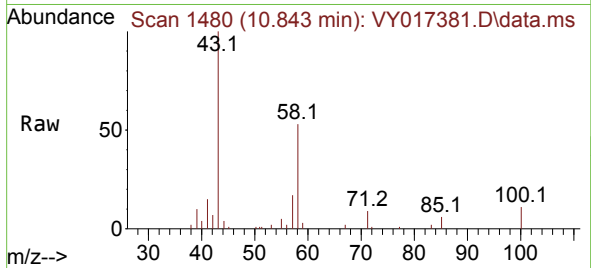




#59
2-Hexanone
Concen: 22.232 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. -0.000 min
Lab File: VY017381.D
Acq: 14 Feb 2024 14:31

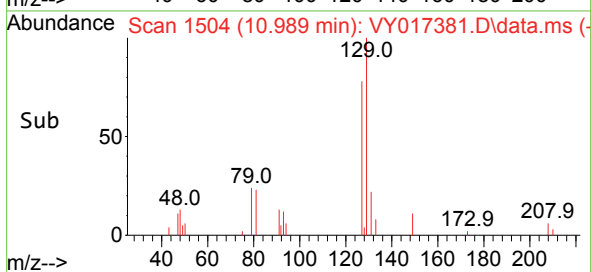
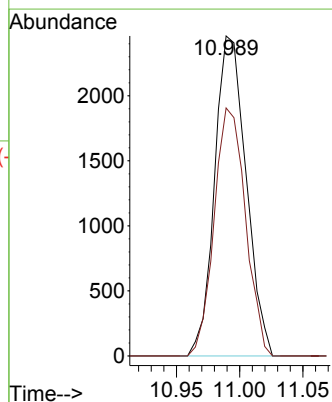
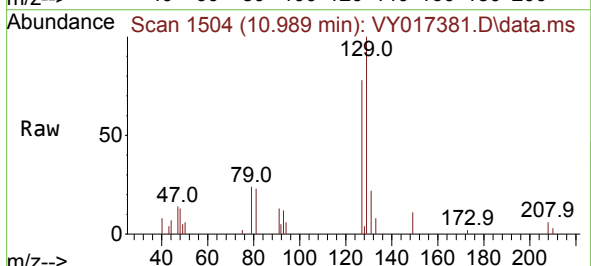
Instrument :
MSVOA_Y
ClientSampleId :

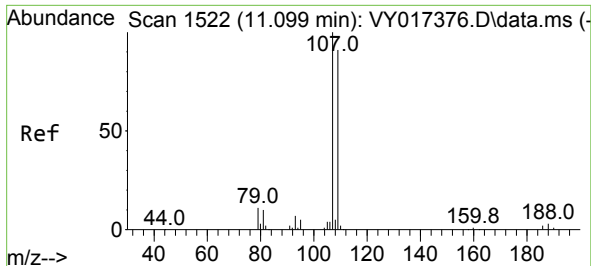
Tgt Ion: 43 Resp: 11051
Ion Ratio Lower Upper
43 100
58 53.9 28.1 84.3



#60
Dibromochloromethane
Concen: 4.363 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. -0.006 min
Lab File: VY017381.D
Acq: 14 Feb 2024 14:31

Tgt Ion:129 Resp: 4251
Ion Ratio Lower Upper
129 100
127 77.1 39.2 117.6

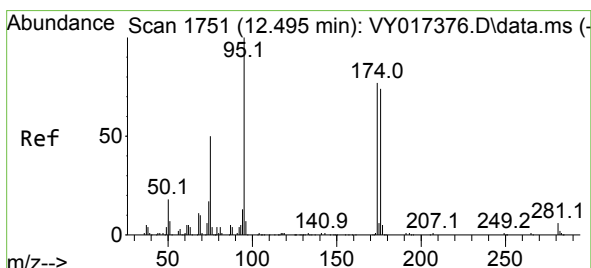
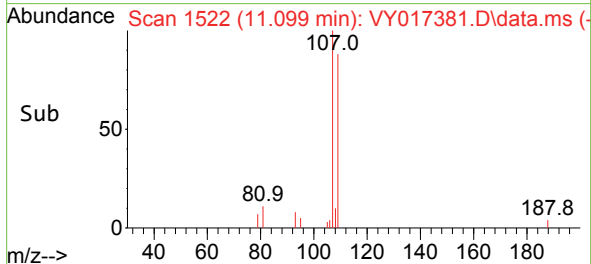
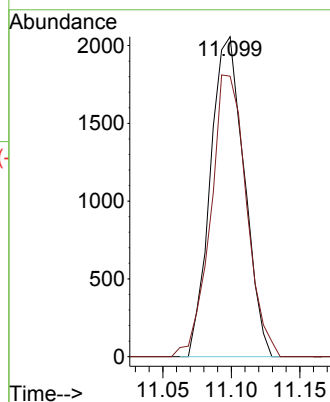
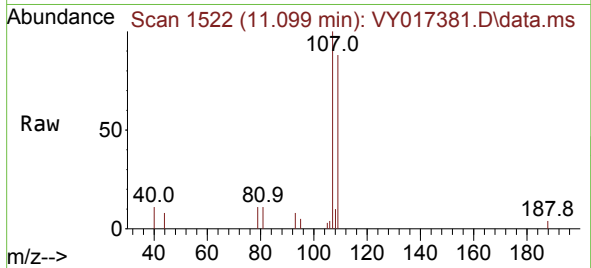




#61
1,2-Dibromoethane
Concen: 4.589 ug/l
RT: 11.099 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017381.D
Acq: 14 Feb 2024 14:31

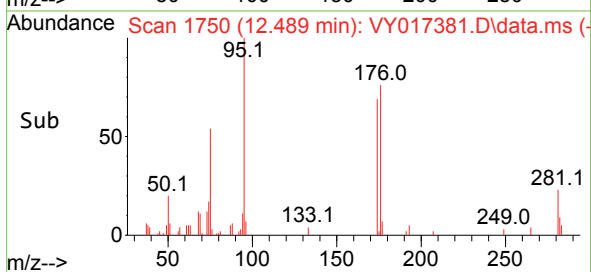
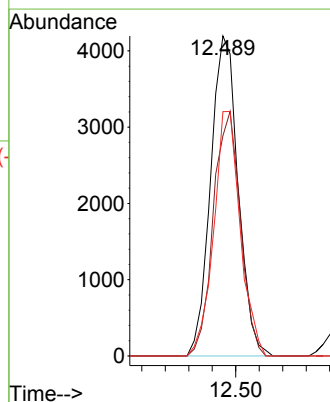
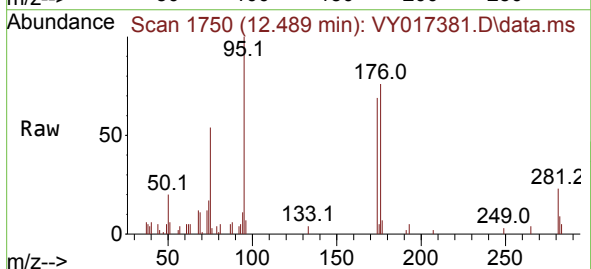
Instrument :
MSVOA_Y
ClientSampleId :

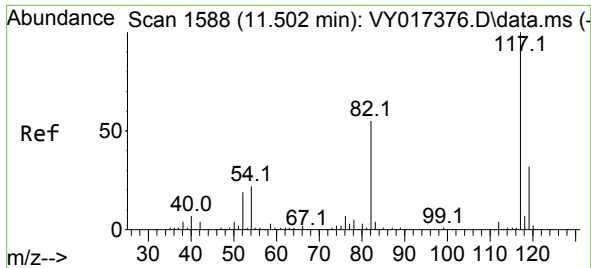
Tgt Ion:107 Resp: 3530
Ion Ratio Lower Upper
107 100
109 92.9 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 5.369 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.006 min
Lab File: VY017381.D
Acq: 14 Feb 2024 14:31

Tgt Ion: 95 Resp: 6809
Ion Ratio Lower Upper
95 100
174 75.0 0.0 160.0
176 73.9 0.0 151.8

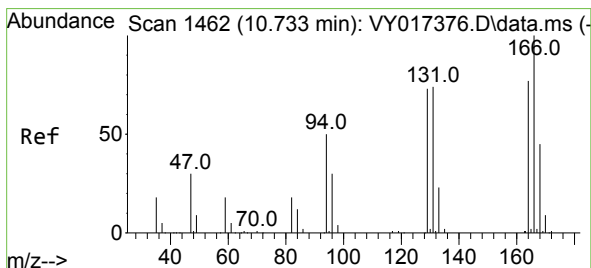
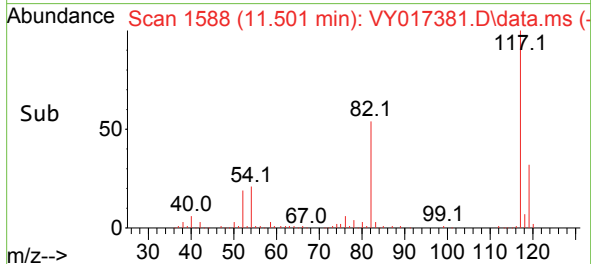
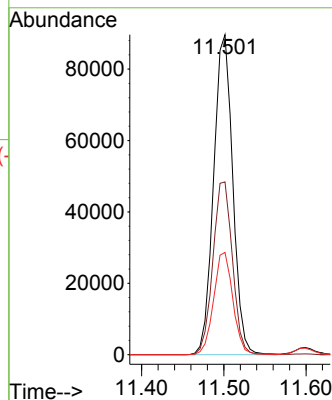
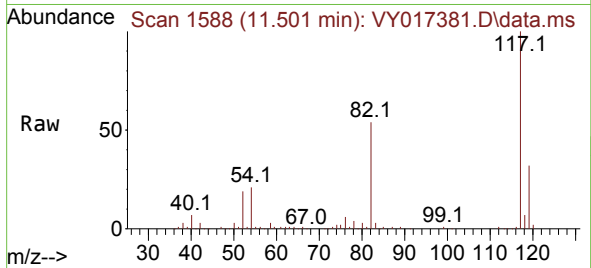




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.501 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017381.D
Acq: 14 Feb 2024 14:31

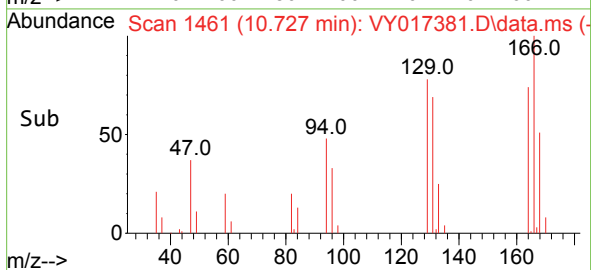
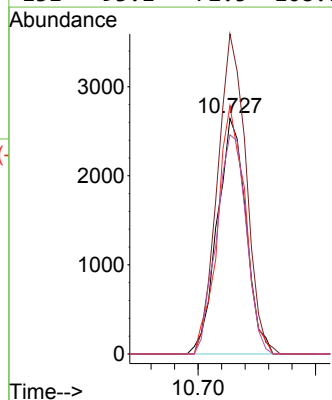
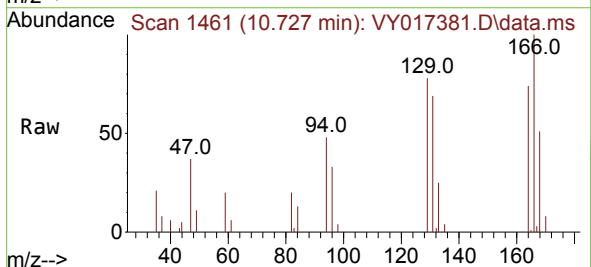
Instrument :
MSVOA_Y
ClientSampleId :

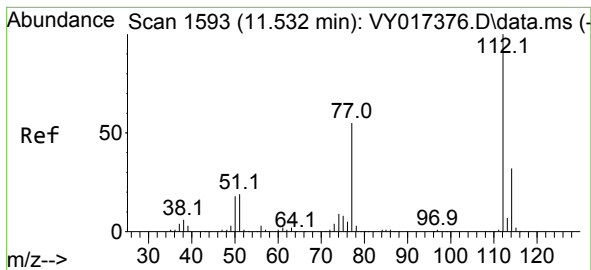
Tgt Ion:117 Resp: 145128
Ion Ratio Lower Upper
117 100
82 54.0 43.8 65.8
119 31.9 26.5 39.7



#64
Tetrachloroethene
Concen: 4.191 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. -0.006 min
Lab File: VY017381.D
Acq: 14 Feb 2024 14:31

Tgt Ion:164 Resp: 4497
Ion Ratio Lower Upper
164 100
166 135.9 98.8 148.2
129 105.4 78.9 118.3
131 93.1 72.5 108.7

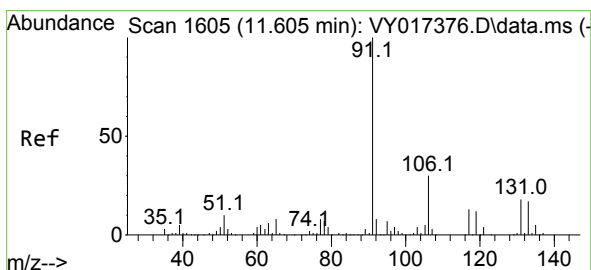
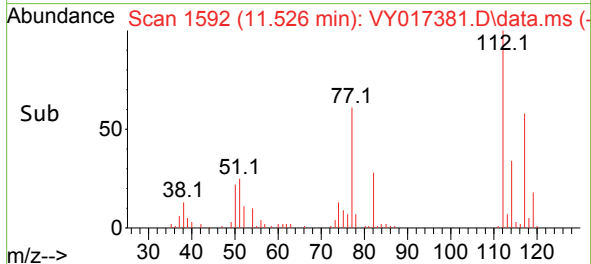
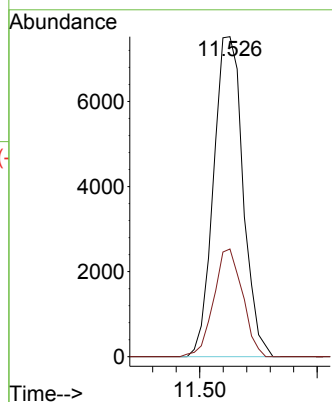
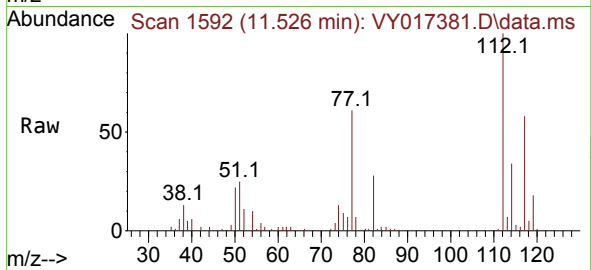




#65
Chlorobenzene
Concen: 4.260 ug/l
RT: 11.526 min Scan# 111
Delta R.T. -0.006 min
Lab File: VY017381.D
Acq: 14 Feb 2024 14:31

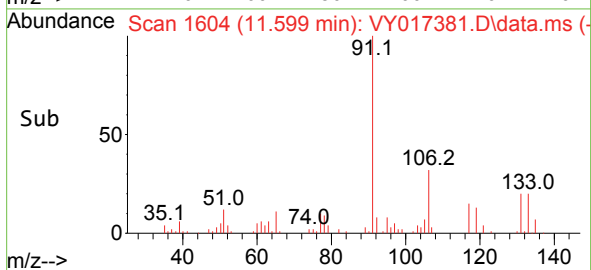
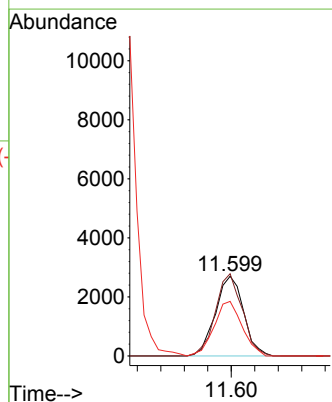
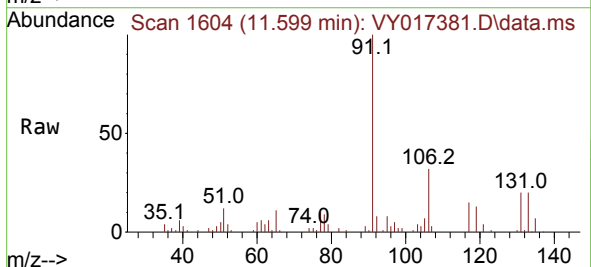
Instrument :
MSVOA_Y
ClientSampleId :

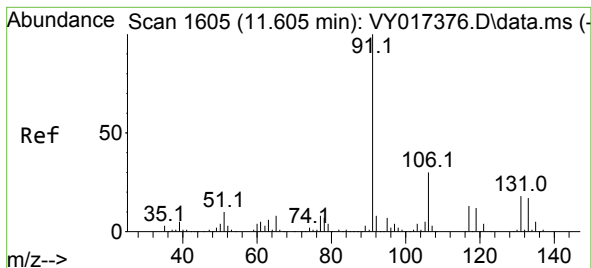
Tgt Ion:112 Resp: 13107
Ion Ratio Lower Upper
112 100
114 33.6 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 4.052 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.006 min
Lab File: VY017381.D
Acq: 14 Feb 2024 14:31

Tgt Ion:131 Resp: 4485
Ion Ratio Lower Upper
131 100
133 98.3 47.0 141.0
119 68.5 33.3 99.9





#67

Ethyl Benzene

Concen: 3.878 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. -0.006 min

Lab File: VY017381.D

Acq: 14 Feb 2024 14:31

Instrument :

MSVOA_Y

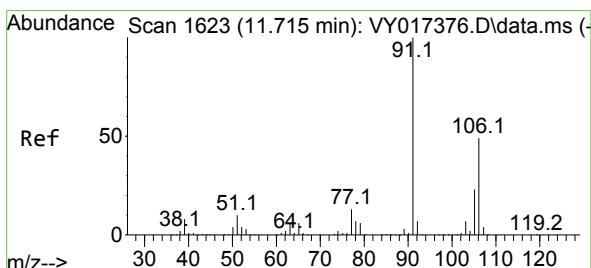
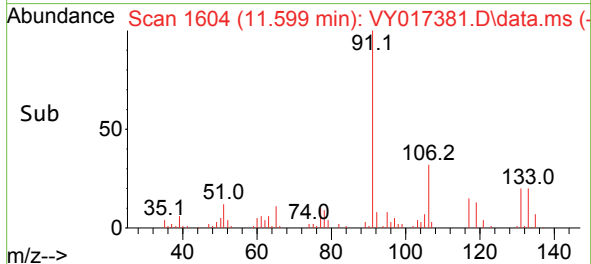
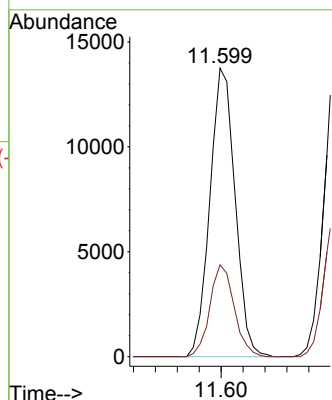
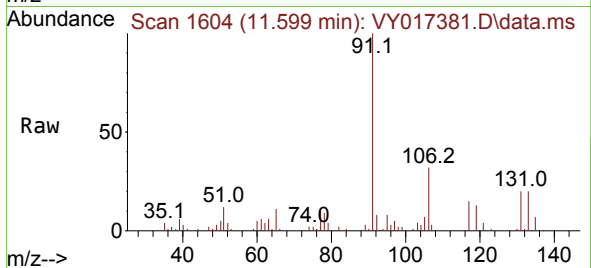
ClientSampleId :

Tgt Ion: 91 Resp: 21979

Ion Ratio Lower Upper

91 100

106 31.8 25.0 37.4



#68

m/p-Xylenes

Concen: 7.662 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. -0.006 min

Lab File: VY017381.D

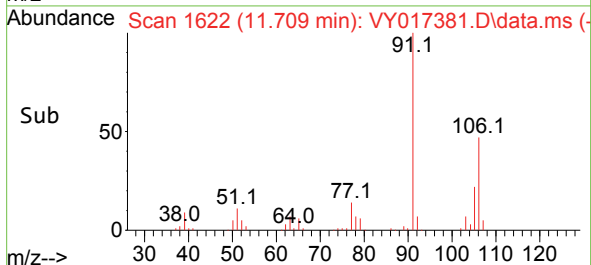
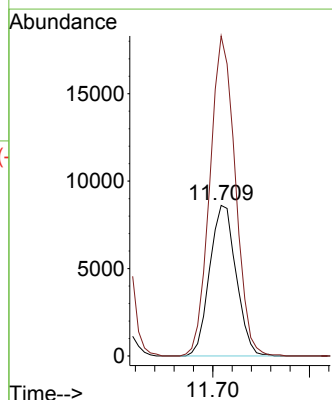
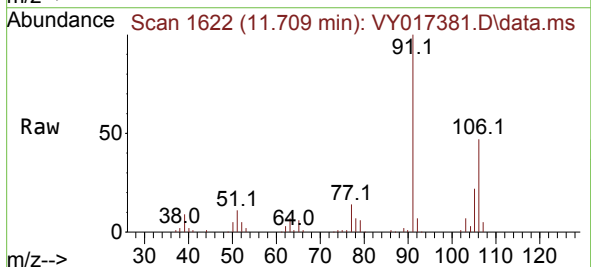
Acq: 14 Feb 2024 14:31

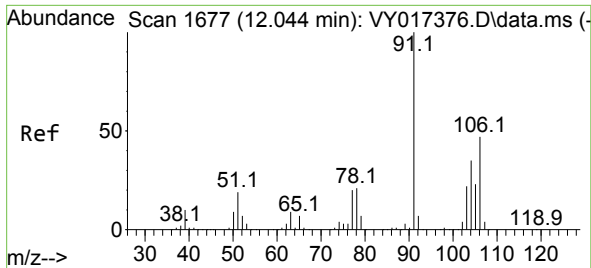
Tgt Ion:106 Resp: 16372

Ion Ratio Lower Upper

106 100

91 204.4 160.7 241.1

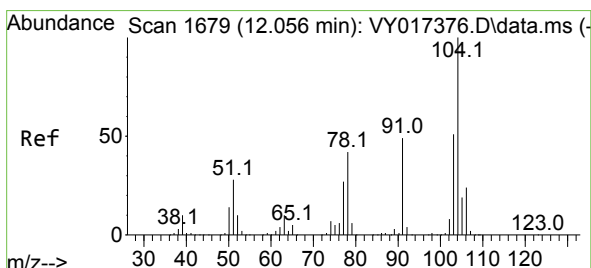
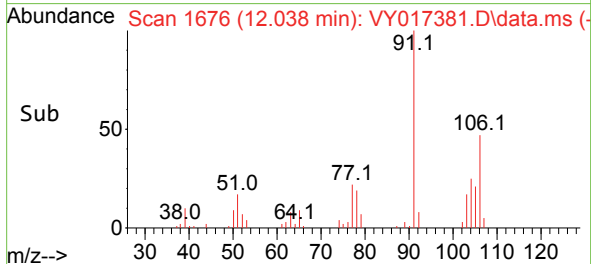
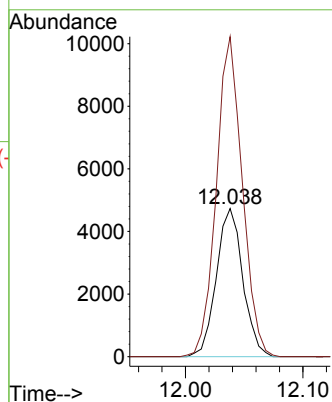
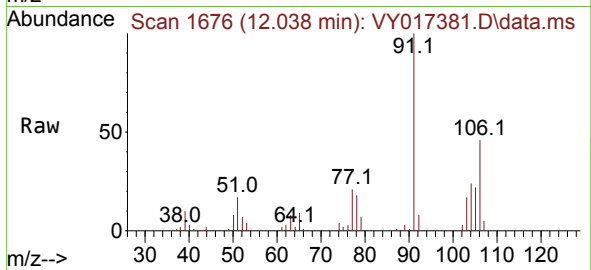




#69
o-Xylene
Concen: 3.829 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY017381.D
Acq: 14 Feb 2024 14:31

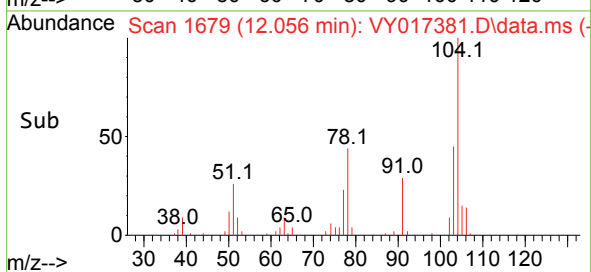
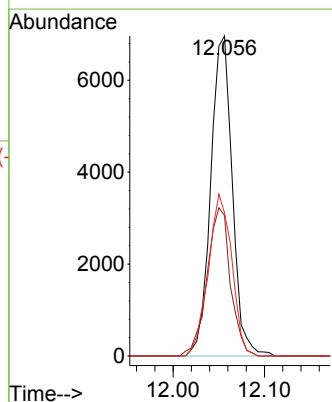
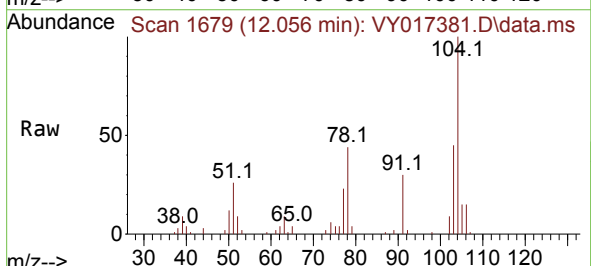
Instrument :
MSVOA_Y
ClientSampleId :

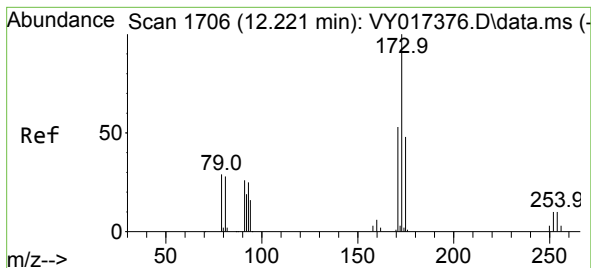
Tgt Ion:106 Resp: 7401
Ion Ratio Lower Upper
106 100
91 212.1 106.5 319.5



#70
Styrene
Concen: 3.855 ug/l
RT: 12.056 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY017381.D
Acq: 14 Feb 2024 14:31

Tgt Ion:104 Resp: 11433
Ion Ratio Lower Upper
104 100
78 50.0 39.2 58.8
103 55.2 43.8 65.6





#71

Bromoform

Concen: 4.350 ug/l

RT: 12.215 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017381.D

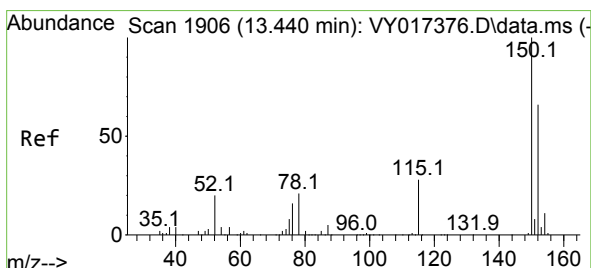
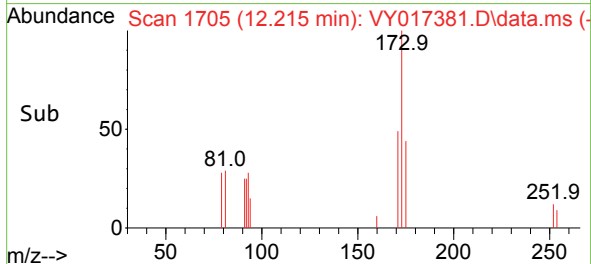
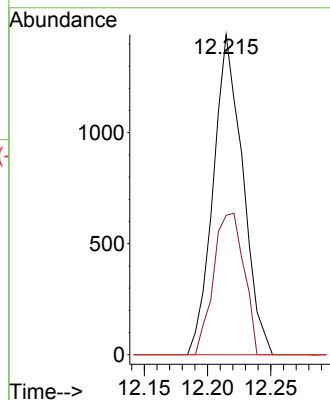
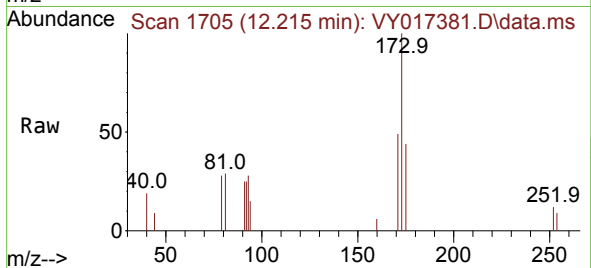
Acq: 14 Feb 2024 14:31

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	2334
Ion Ratio	Lower	Upper
173	100	
175	45.7	23.5 70.6
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

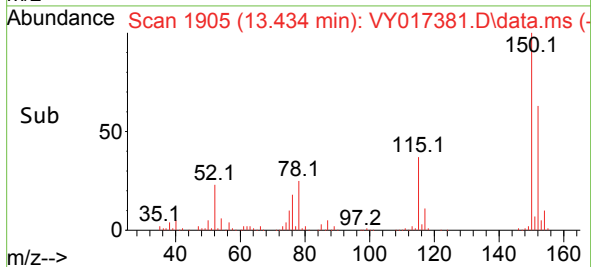
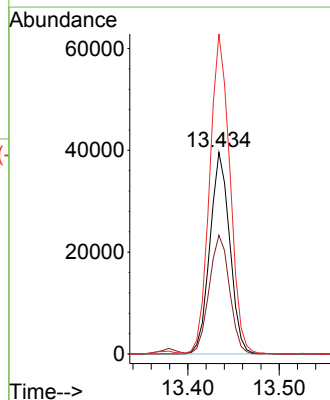
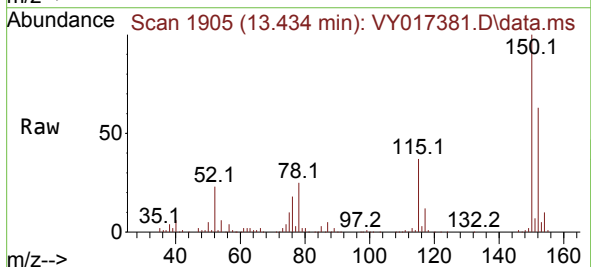
RT: 13.434 min Scan# 1905

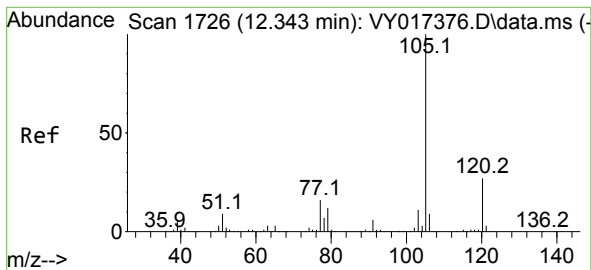
Delta R.T. -0.006 min

Lab File: VY017381.D

Acq: 14 Feb 2024 14:31

Tgt Ion:152	Resp:	59696
Ion Ratio	Lower	Upper
152	100	
115	60.3	30.0 90.0
150	162.0	0.0 344.6





#73

Isopropylbenzene

Concen: 3.857 ug/l

RT: 12.337 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017381.D

Acq: 14 Feb 2024 14:31

Instrument :

MSVOA_Y

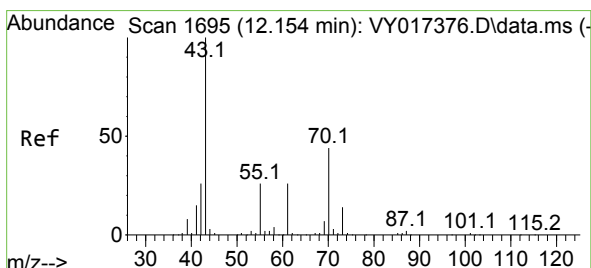
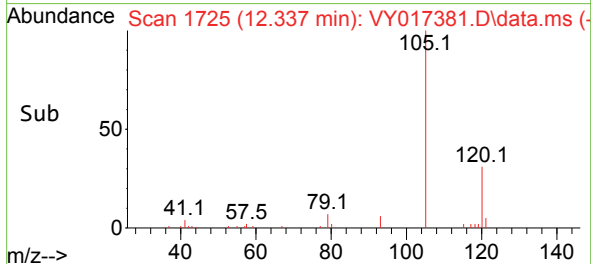
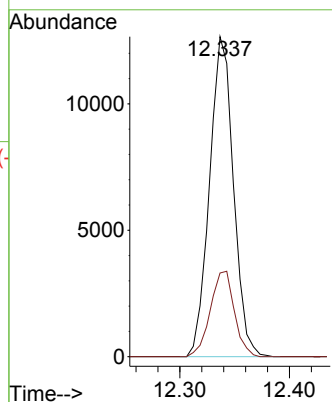
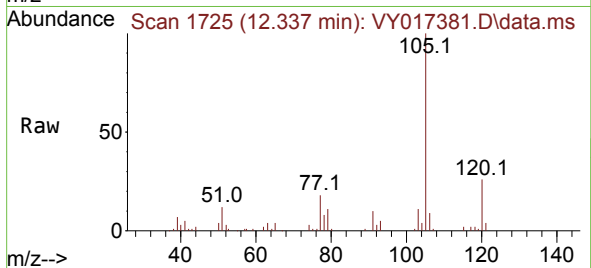
ClientSampleId :

Tgt Ion:105 Resp: 19186

Ion Ratio Lower Upper

105 100

120 26.8 13.0 39.0



#74

N-ethyl acetate

Concen: 4.265 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. -0.006 min

Lab File: VY017381.D

Acq: 14 Feb 2024 14:31

Tgt Ion: 43 Resp: 4195

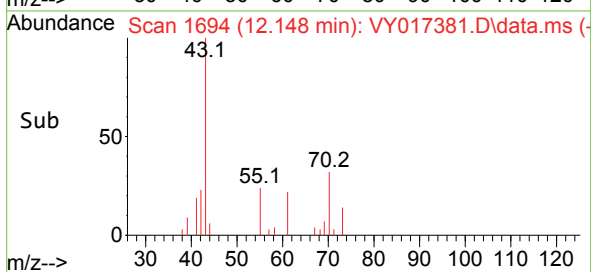
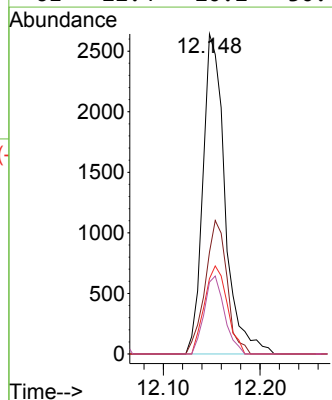
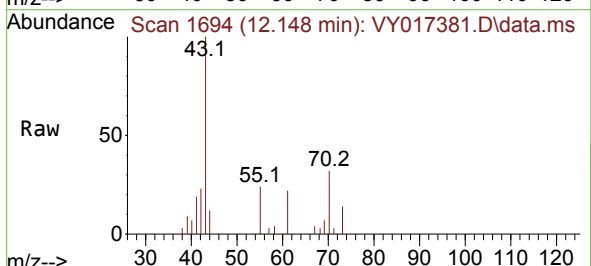
Ion Ratio Lower Upper

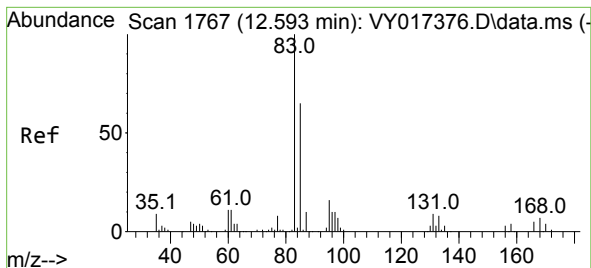
43 100

70 41.3 36.6 55.0

55 28.3 22.2 33.4

61 22.4 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 4.849 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. -0.000 min

Lab File: VY017381.D

Acq: 14 Feb 2024 14:31

Instrument :

MSVOA_Y

ClientSampleId :

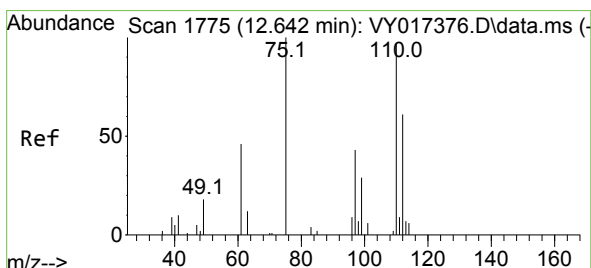
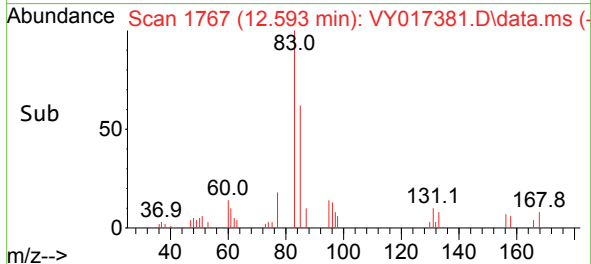
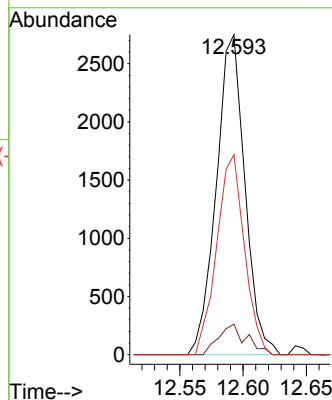
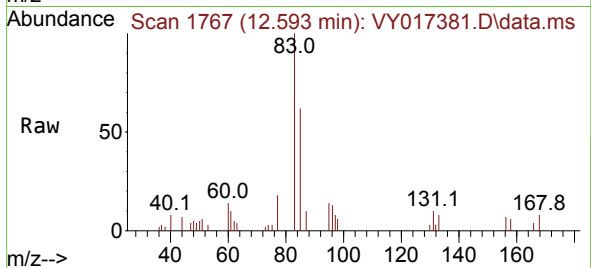
Tgt Ion: 83 Resp: 4323

Ion Ratio Lower Upper

83 100

131 9.3 4.9 14.6

85 60.5 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 8.678 ug/l

RT: 12.641 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VY017381.D

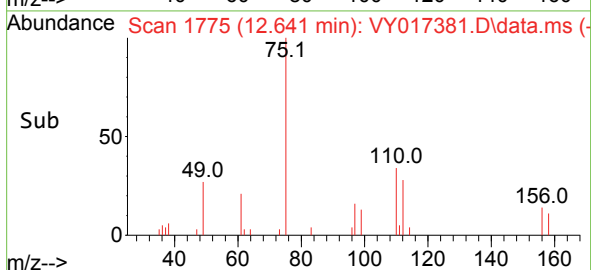
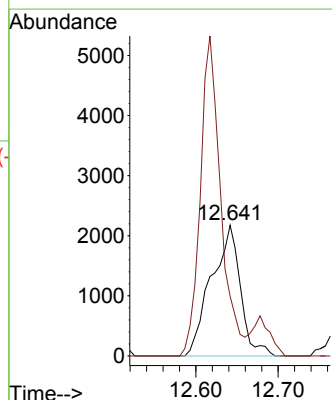
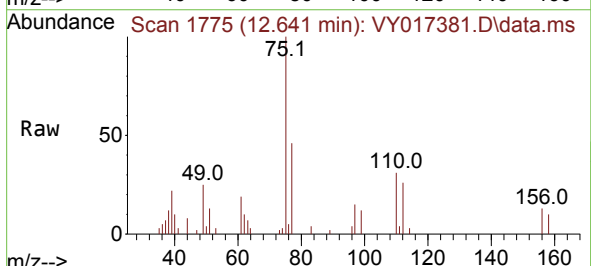
Acq: 14 Feb 2024 14:31

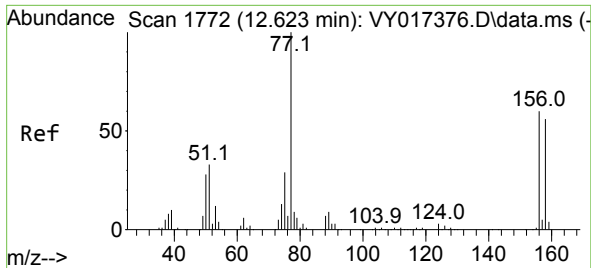
Tgt Ion: 75 Resp: 5345

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

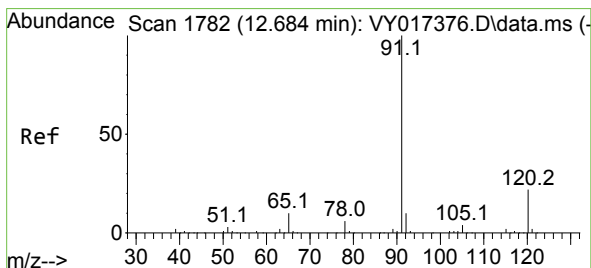
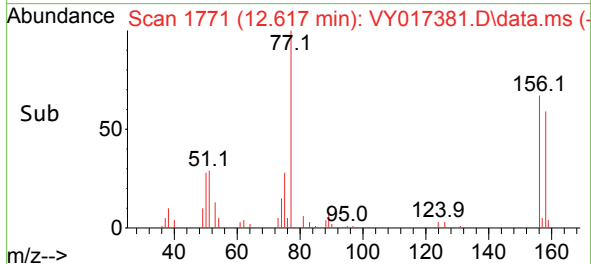
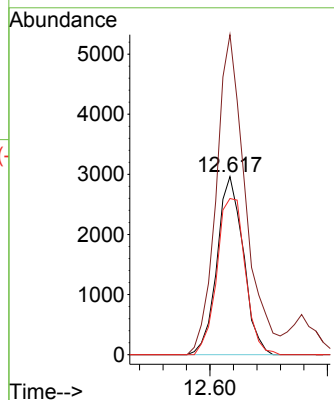
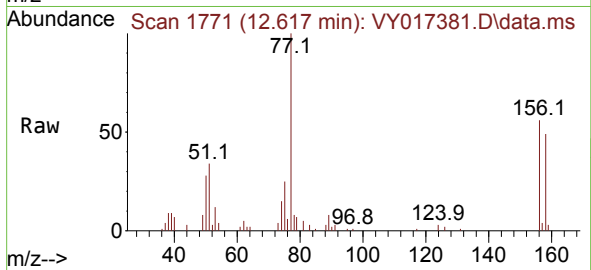




#77
Bromobenzene
Concen: 4.396 ug/l
RT: 12.617 min Scan# 1771
Delta R.T. -0.006 min
Lab File: VY017381.D
Acq: 14 Feb 2024 14:31

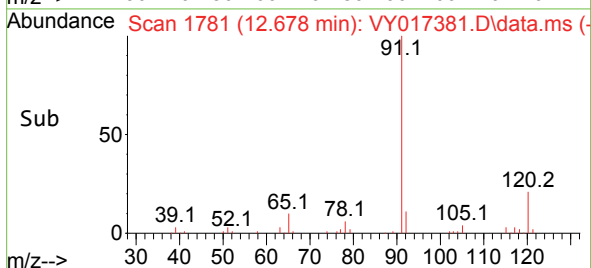
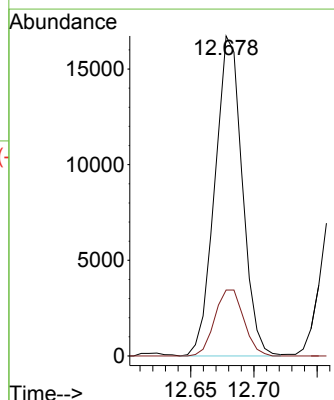
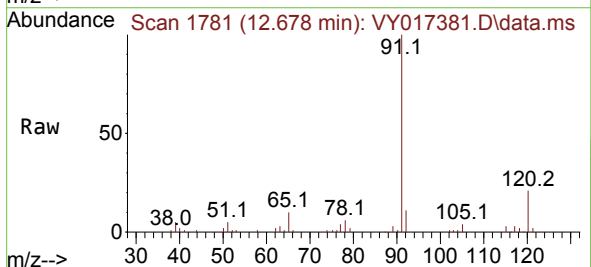
Instrument :
MSVOA_Y
ClientSampleId :

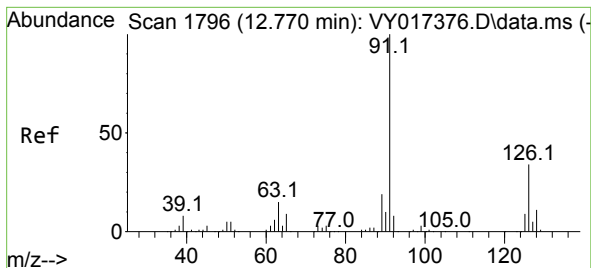
Tgt Ion:156 Resp: 4606
Ion Ratio Lower Upper
156 100
77 200.0 97.3 291.8
158 94.5 48.4 145.0



#78
n-propylbenzene
Concen: 4.111 ug/l
RT: 12.678 min Scan# 1781
Delta R.T. -0.006 min
Lab File: VY017381.D
Acq: 14 Feb 2024 14:31

Tgt Ion: 91 Resp: 25176
Ion Ratio Lower Upper
91 100
120 21.9 11.0 33.0





#79

2-Chlorotoluene

Concen: 4.331 ug/l

RT: 12.763 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017381.D

Acq: 14 Feb 2024 14:31

Instrument :

MSVOA_Y

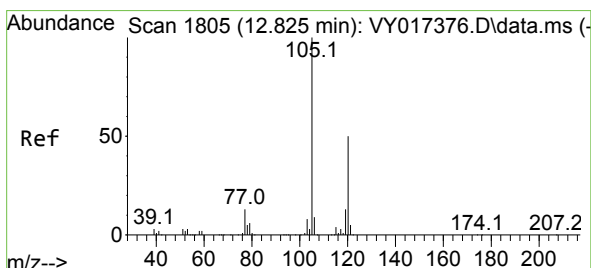
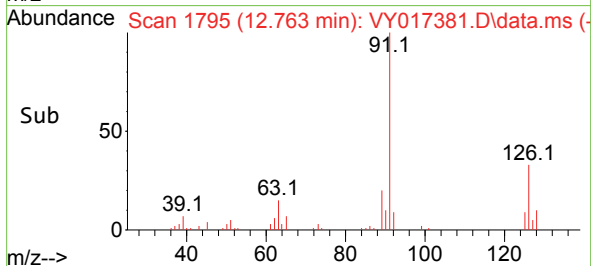
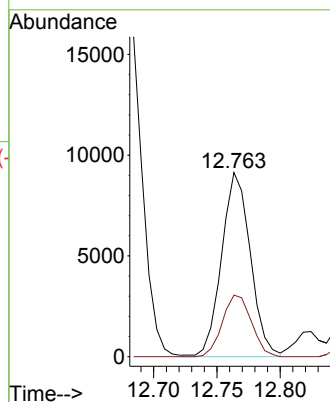
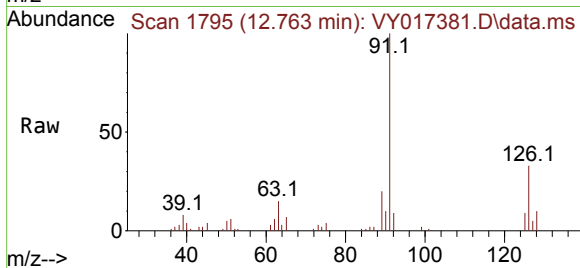
ClientSampleId :

Tgt Ion: 91 Resp: 14474

Ion Ratio Lower Upper

91 100

126 33.6 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 3.852 ug/l

RT: 12.818 min Scan# 1804

Delta R.T. -0.006 min

Lab File: VY017381.D

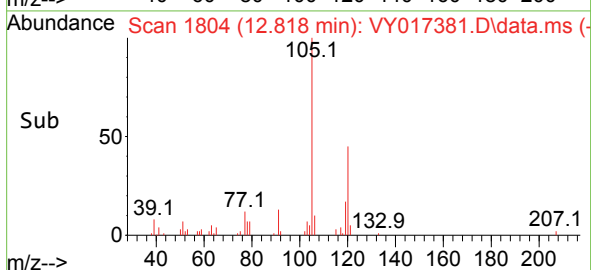
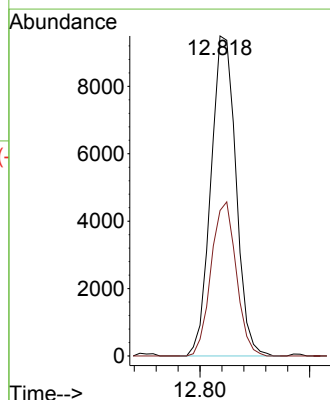
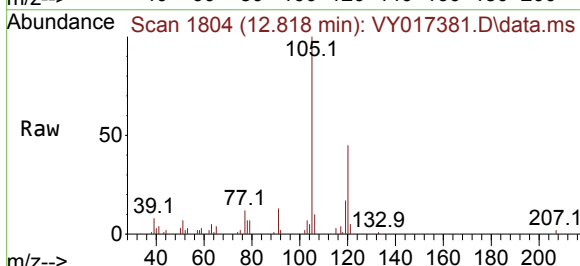
Acq: 14 Feb 2024 14:31

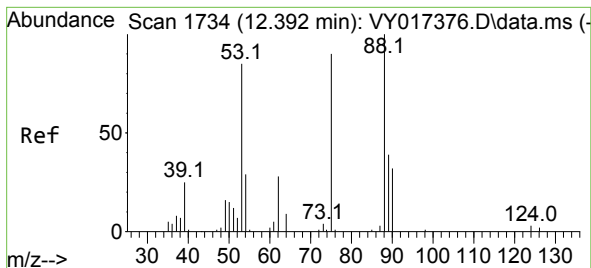
Tgt Ion:105 Resp: 15062

Ion Ratio Lower Upper

105 100

120 48.3 24.3 72.8

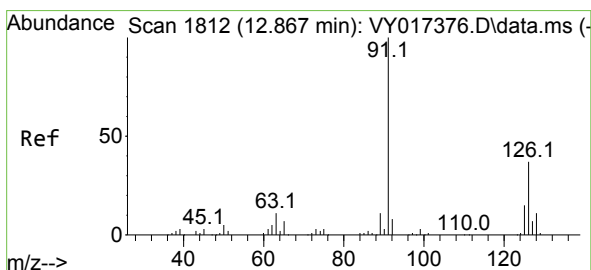
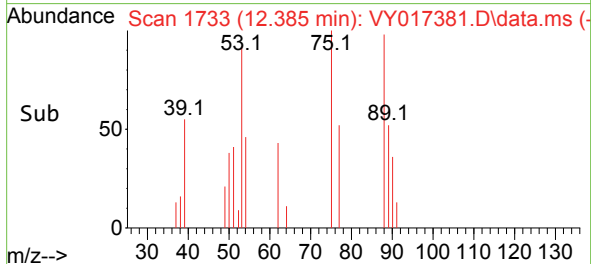
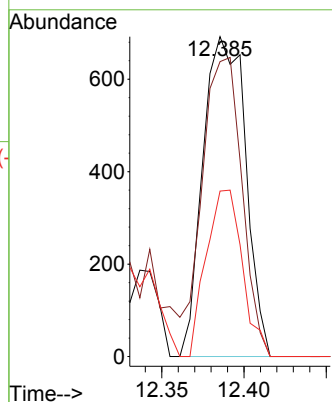
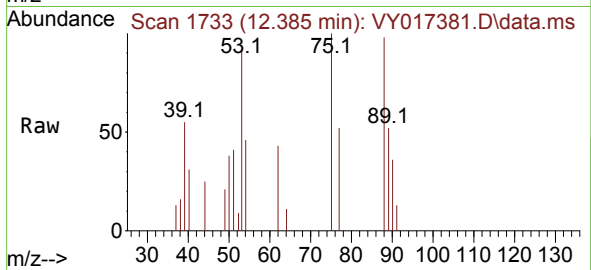




#81
trans-1,4-Dichloro-2-butene
Concen: 4.613 ug/l
RT: 12.385 min Scan# 1733
Delta R.T. -0.007 min
Lab File: VY017381.D
Acq: 14 Feb 2024 14:31

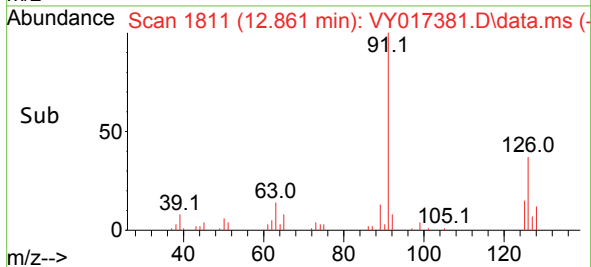
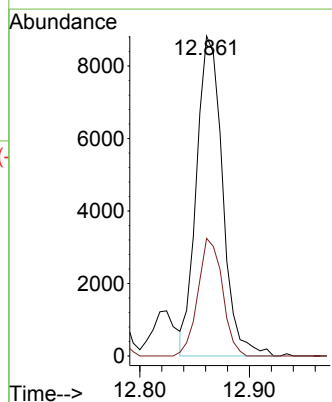
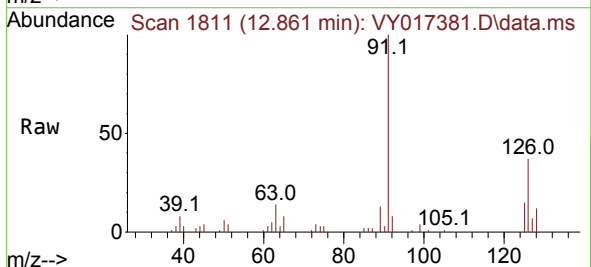
Instrument :
MSVOA_Y
ClientSampleId :

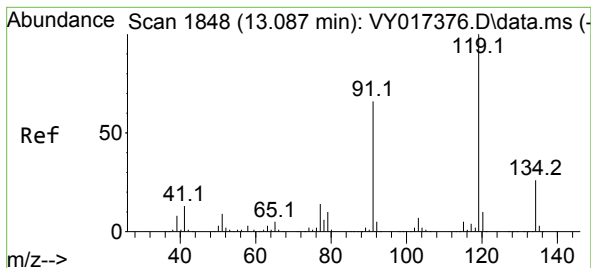
Tgt Ion: 75 Resp: 1243
Ion Ratio Lower Upper
75 100
53 87.0 74.0 111.0
89 44.2 36.5 54.7



#82
4-Chlorotoluene
Concen: 4.233 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. -0.006 min
Lab File: VY017381.D
Acq: 14 Feb 2024 14:31

Tgt Ion: 91 Resp: 14564
Ion Ratio Lower Upper
91 100
126 34.5 17.1 51.2

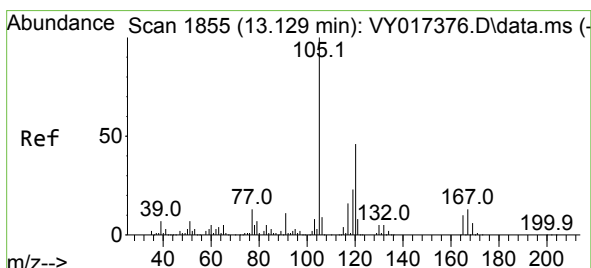
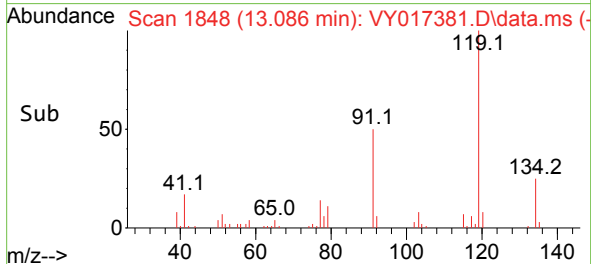
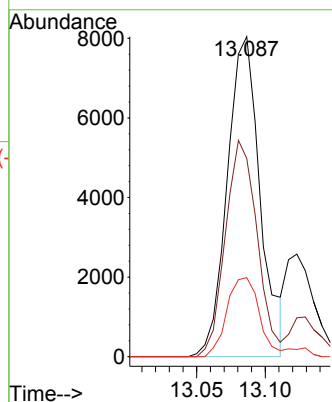
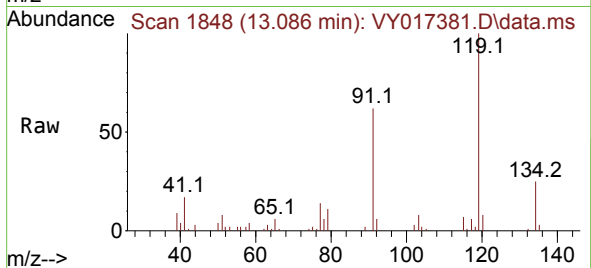




#83
tert-Butylbenzene
Concen: 3.935 ug/l
RT: 13.086 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY017381.D
Acq: 14 Feb 2024 14:31

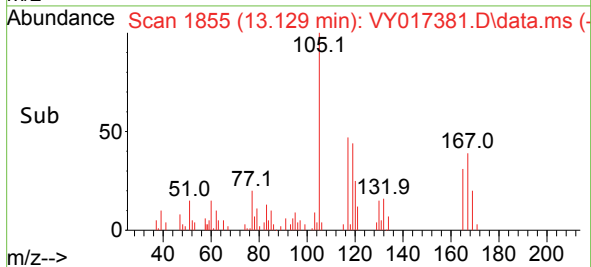
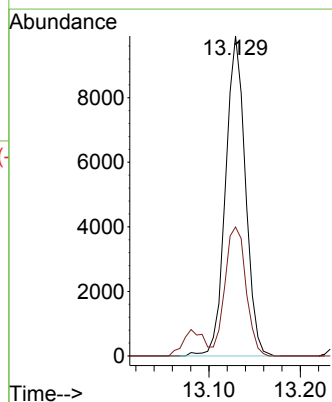
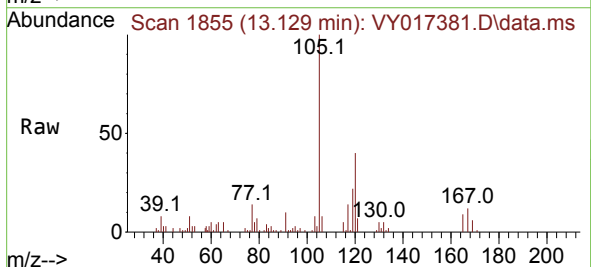
Instrument :
MSVOA_Y
ClientSampleId :

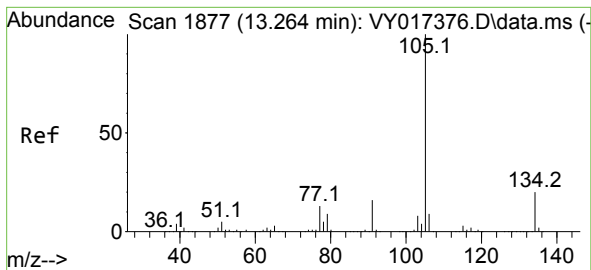
Tgt Ion:119 Resp: 13437
Ion Ratio Lower Upper
119 100
91 65.3 31.5 94.5
134 26.0 13.1 39.3



#84
1,2,4-Trimethylbenzene
Concen: 3.875 ug/l
RT: 13.129 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VY017381.D
Acq: 14 Feb 2024 14:31

Tgt Ion:105 Resp: 14956
Ion Ratio Lower Upper
105 100
120 42.4 22.1 66.3





#85

sec-Butylbenzene

Concen: 4.226 ug/l

RT: 13.263 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VY017381.D

Acq: 14 Feb 2024 14:31

Instrument :

MSVOA_Y

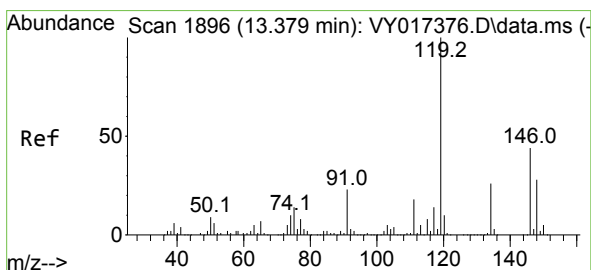
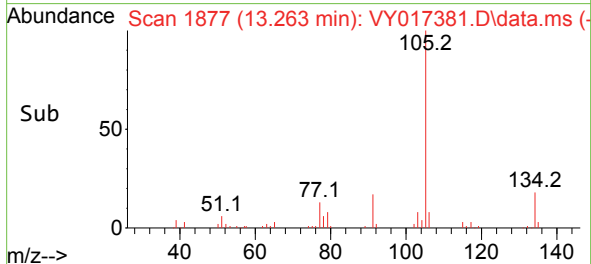
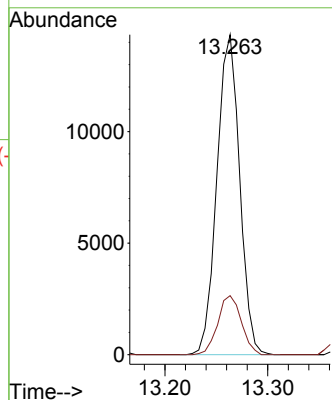
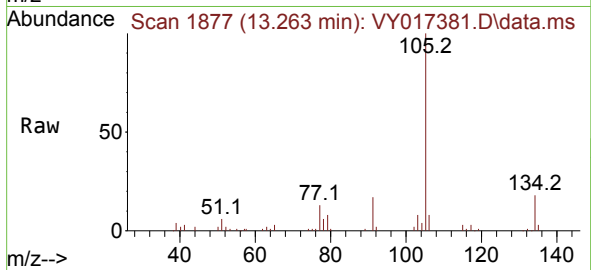
ClientSampleId :

Tgt Ion:105 Resp: 22016

Ion Ratio Lower Upper

105 100

134 19.1 9.7 28.9



#86

p-Isopropyltoluene

Concen: 3.812 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. -0.000 min

Lab File: VY017381.D

Acq: 14 Feb 2024 14:31

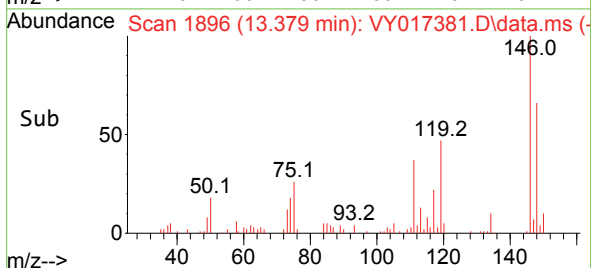
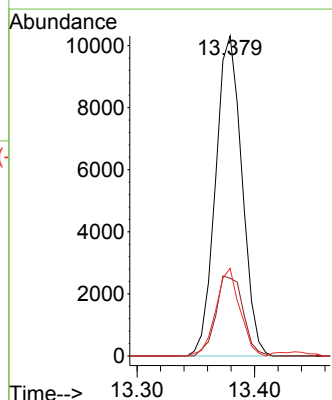
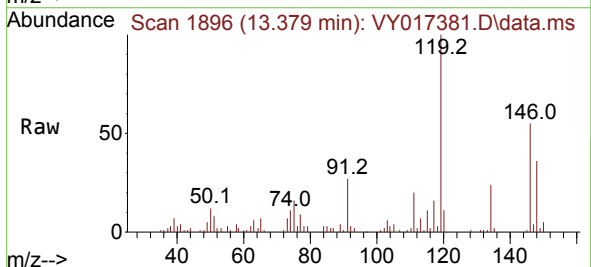
Tgt Ion:119 Resp: 16073

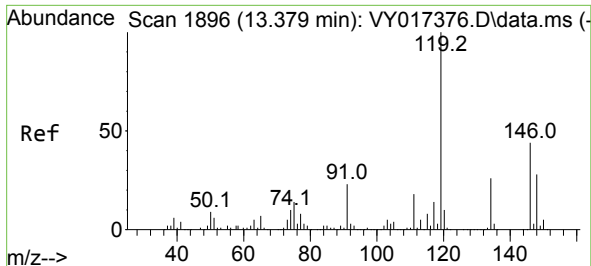
Ion Ratio Lower Upper

119 100

134 25.8 13.1 39.1

91 24.9 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 4.470 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.006 min

Lab File: VY017381.D

Acq: 14 Feb 2024 14:31

Instrument :

MSVOA_Y

ClientSampleId :

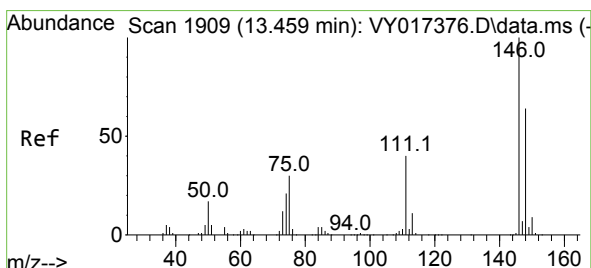
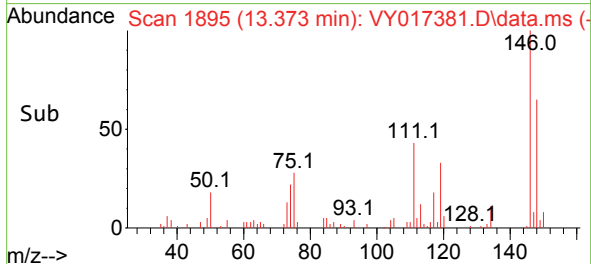
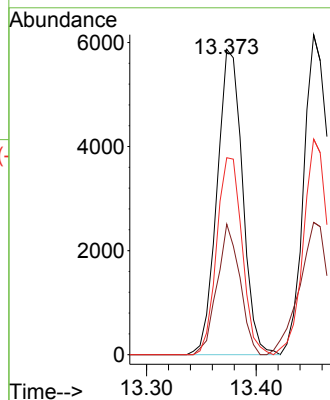
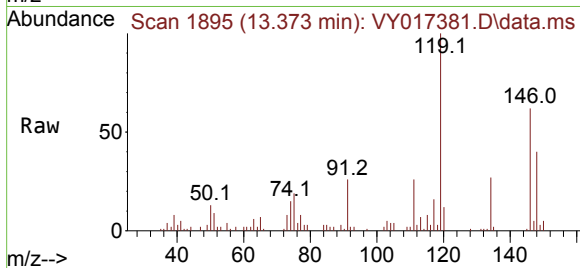
Tgt Ion:146 Resp: 9477

Ion Ratio Lower Upper

146 100

111 38.3 20.2 60.5

148 64.0 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 4.719 ug/l

RT: 13.452 min Scan# 1908

Delta R.T. -0.006 min

Lab File: VY017381.D

Acq: 14 Feb 2024 14:31

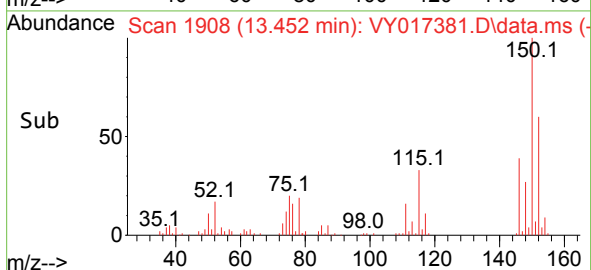
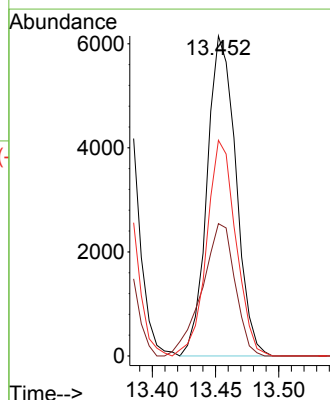
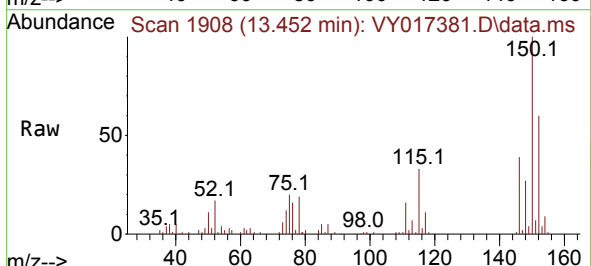
Tgt Ion:146 Resp: 9734

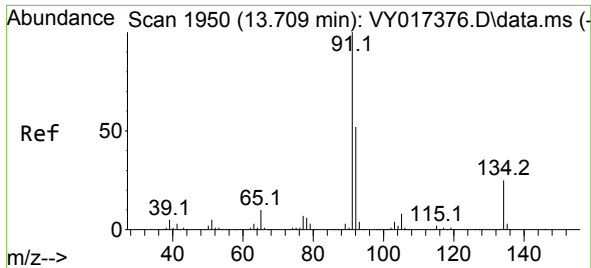
Ion Ratio Lower Upper

146 100

111 47.2 19.3 57.9

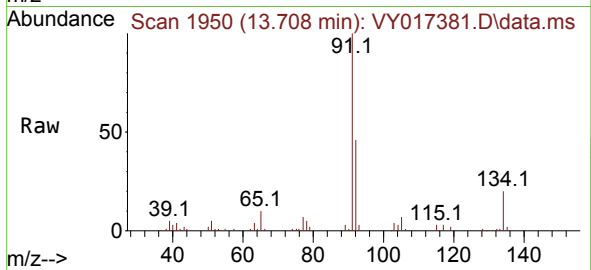
148 68.3 31.6 94.7



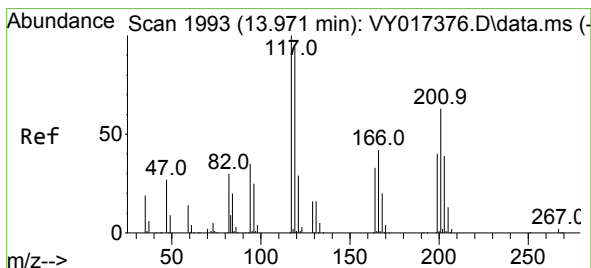
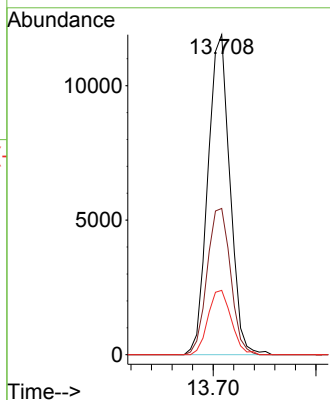
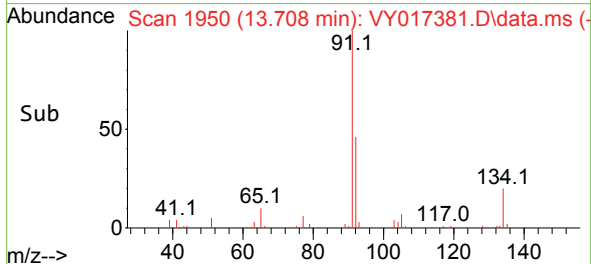


#89
n-Butylbenzene
Concen: 4.324 ug/l
RT: 13.708 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VY017381.D
Acq: 14 Feb 2024 14:31

Instrument :
MSVOA_Y
ClientSampleId :

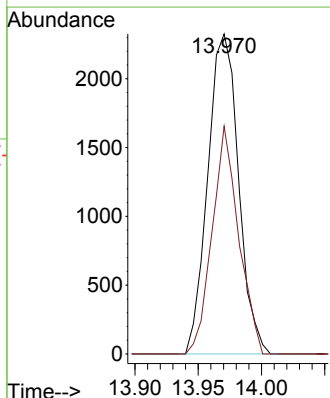
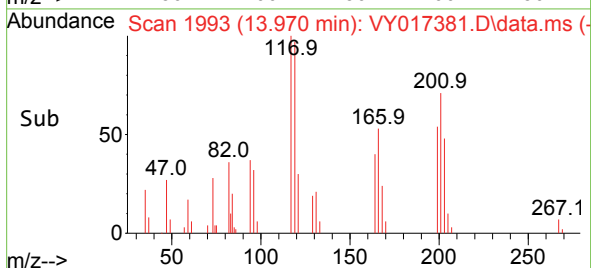
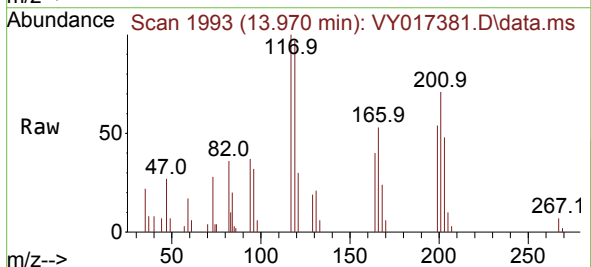


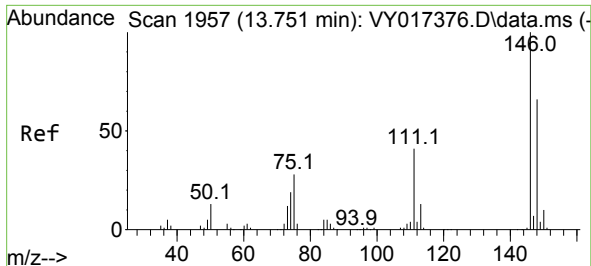
Tgt Ion: 91 Resp: 17708
Ion Ratio Lower Upper
91 100
92 48.7 26.4 79.2
134 21.3 12.3 36.8



#90
Hexachloroethane
Concen: 4.490 ug/l
RT: 13.970 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VY017381.D
Acq: 14 Feb 2024 14:31

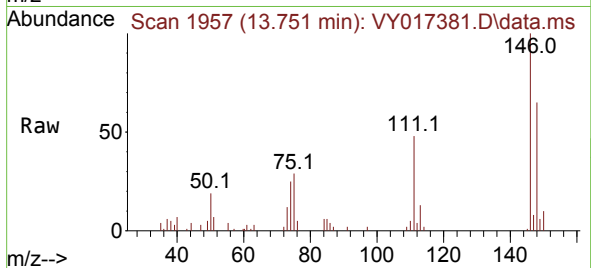
Tgt Ion: 117 Resp: 3924
Ion Ratio Lower Upper
117 100
201 61.4 33.4 100.1



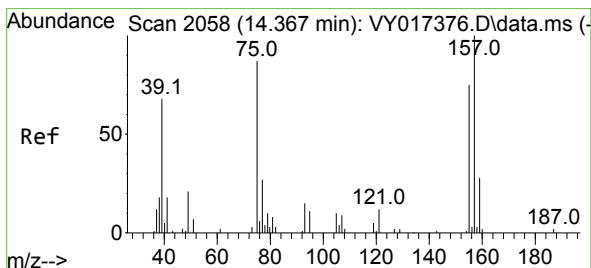
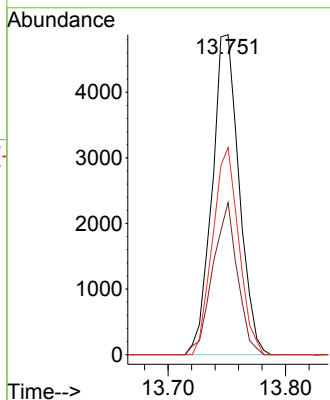
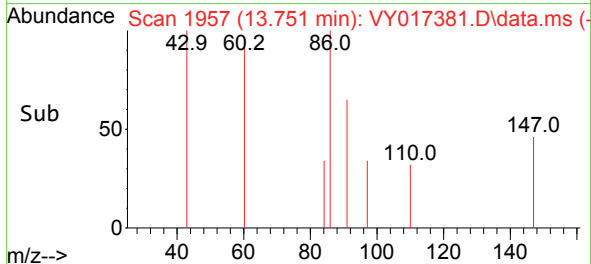


#91
1,2-Dichlorobenzene
Concen: 4.454 ug/l
RT: 13.751 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VY017381.D
Acq: 14 Feb 2024 14:31

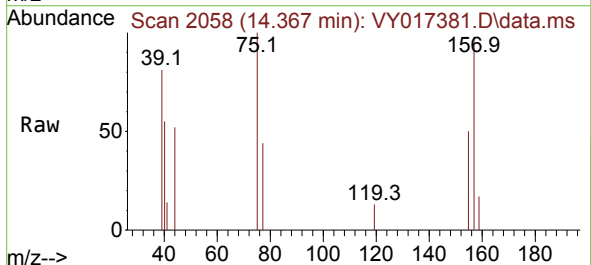
Instrument :
MSVOA_Y
ClientSampleId :



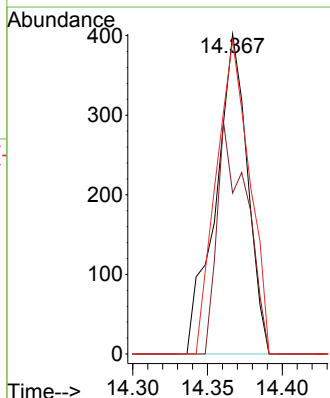
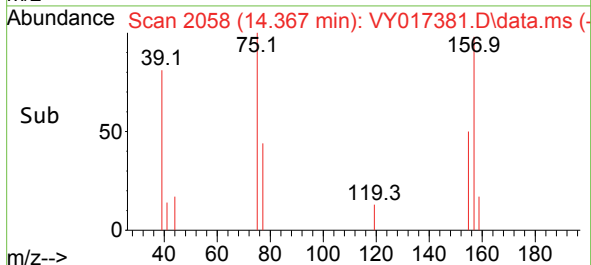
Tgt Ion:146 Resp: 7783
Ion Ratio Lower Upper
146 100
111 43.6 20.5 61.6
148 62.7 31.4 94.3

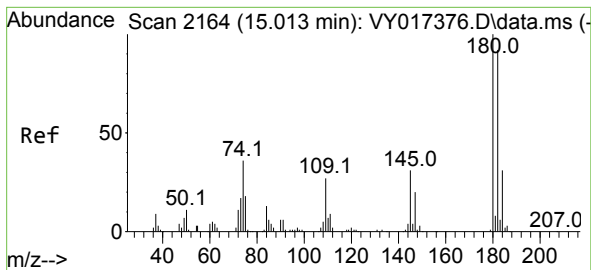


#92
1,2-Dibromo-3-Chloropropane
Concen: 5.365 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VY017381.D
Acq: 14 Feb 2024 14:31



Tgt Ion: 75 Resp: 594
Ion Ratio Lower Upper
75 100
155 67.2 42.1 126.3
157 102.5 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 4.429 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY017381.D

Acq: 14 Feb 2024 14:31

Instrument :

MSVOA_Y

ClientSampleId :

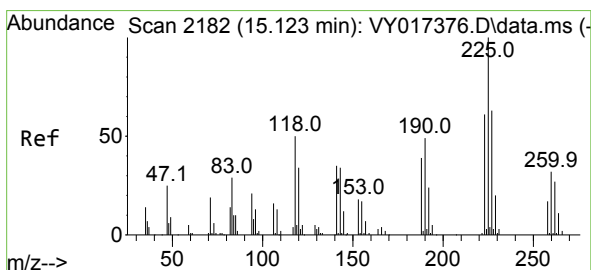
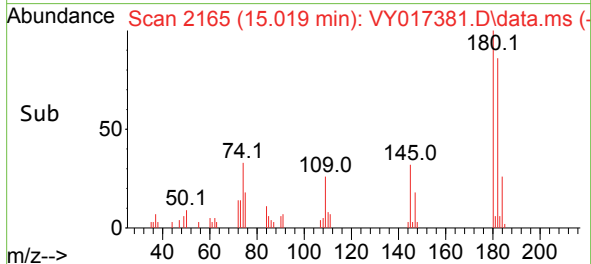
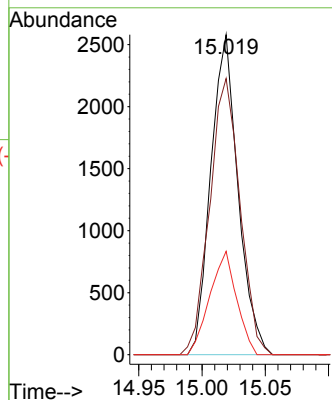
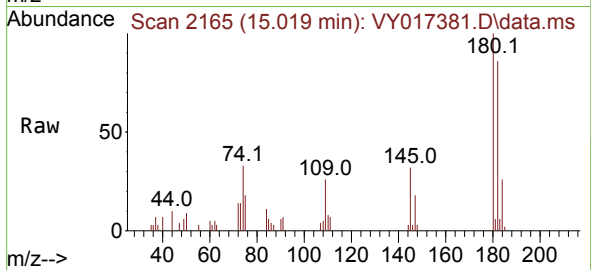
Tgt Ion:180 Resp: 3861

Ion Ratio Lower Upper

180 100

182 96.0 47.9 143.7

145 31.9 15.9 47.7



#94

Hexachlorobutadiene

Concen: 5.343 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY017381.D

Acq: 14 Feb 2024 14:31

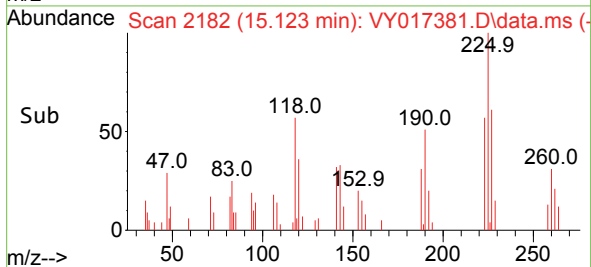
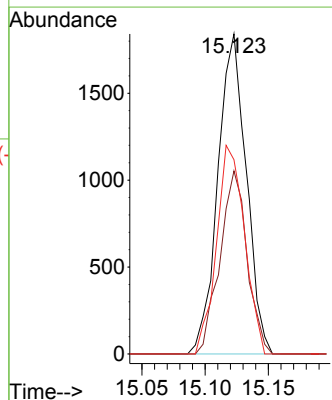
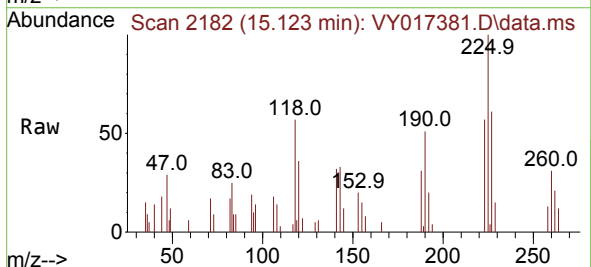
Tgt Ion:225 Resp: 2875

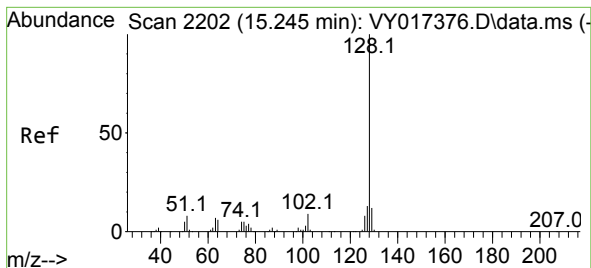
Ion Ratio Lower Upper

225 100

223 54.7 31.4 94.3

227 64.1 32.3 96.8





#95

Naphthalene

Concen: 4.100 ug/l

RT: 15.245 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY017381.D

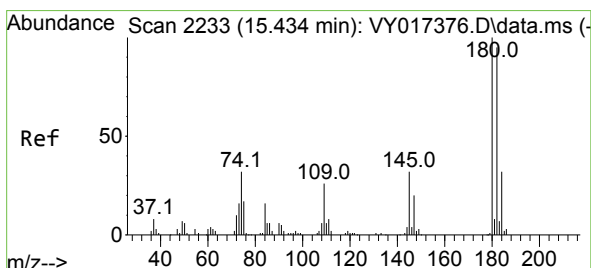
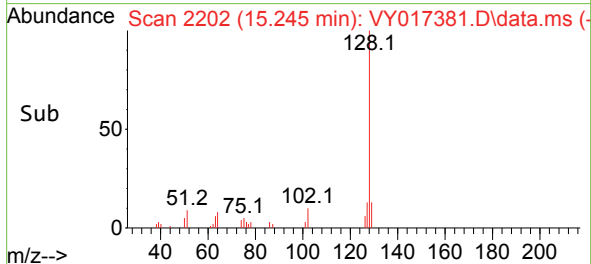
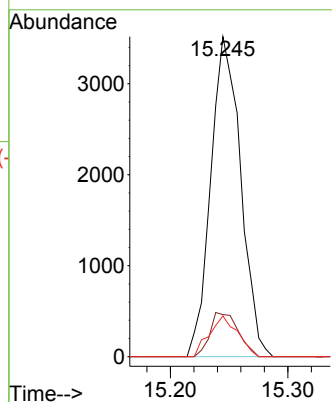
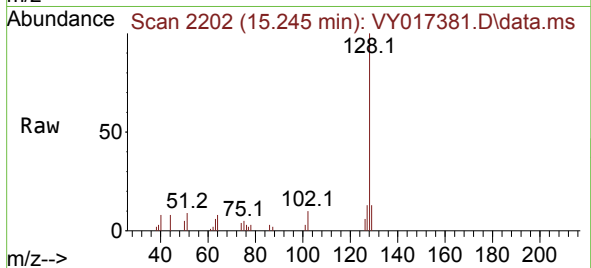
Acq: 14 Feb 2024 14:31

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	128	Resp:	6220
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	12.0	8.6	12.8



#96

1,2,3-Trichlorobenzene

Concen: 4.911 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY017381.D

Acq: 14 Feb 2024 14:31

Tgt Ion:	180	Resp:	3592
Ion	Ratio	Lower	Upper
180	100		
182	87.8	46.3	138.8
145	31.6	16.1	48.2

