

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011824\
 Data File : VY017041.D
 Acq On : 18 Jan 2024 16:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 19 02:29:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.820	168	135065	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	230920	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	193545	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.453	152	83081	50.000	ug/l	0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	59526	44.591	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.180%
35) Dibromofluoromethane	7.746	113	71189	48.378	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.760%
50) Toluene-d8	10.203	98	241876	47.734	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.460%
62) 4-Bromofluorobenzene	12.508	95	81096	47.436	ug/l	0.02
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.880%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.918	85	55923	55.692	ug/l	98
3) Chloromethane	2.132	50	93885	59.173	ug/l	97
4) Vinyl Chloride	2.272	62	109911	58.729	ug/l	99
5) Bromomethane	2.674	94	77457	57.771	ug/l	94
6) Chloroethane	2.820	64	71780	56.699	ug/l	98
7) Trichlorofluoromethane	3.150	101	117906	51.131	ug/l	98
8) Diethyl Ether	3.552	74	32905	44.651	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.930	101	74858	49.927	ug/l	99
10) Methyl Iodide	4.125	142	71991	56.439	ug/l	98
11) Tert butyl alcohol	4.979	59	14424	132.988	ug/l	100
12) 1,1-Dichloroethene	3.900	96	70325	54.666	ug/l	97
13) Acrolein	3.753	56	23822	160.835	ug/l	98
14) Allyl chloride	4.509	41	106881	52.554	ug/l	99
15) Acrylonitrile	5.198	53	68228	197.934	ug/l	99
16) Acetone	3.973	43	64298	189.597	ug/l	99
17) Carbon Disulfide	4.229	76	219589	71.438	ug/l	99
18) Methyl Acetate	4.503	43	64884	45.367	ug/l	99
19) Methyl tert-butyl Ether	5.259	73	143002	42.727	ug/l	96
20) Methylene Chloride	4.753	84	80059	45.664	ug/l	98
21) trans-1,2-Dichloroethene	5.259	96	82385	55.916	ug/l	98
22) Diisopropyl ether	6.149	45	227898	48.471	ug/l	96
23) Vinyl Acetate	6.094	43	463865	215.164	ug/l	99
24) 1,1-Dichloroethane	6.052	63	141608	50.119	ug/l	98
25) 2-Butanone	7.015	43	85583	185.358	ug/l	99
26) 2,2-Dichloropropane	7.015	77	118727	48.464	ug/l	100
27) cis-1,2-Dichloroethene	7.015	96	88292	51.121	ug/l	99
28) Bromochloromethane	7.368	49	58238	54.904	ug/l	100
29) Tetrahydrofuran	7.375	42	51318	189.936	ug/l	98
30) Chloroform	7.539	83	141722	48.674	ug/l	98
31) Cyclohexane	7.813	56	130556	56.982	ug/l	98
32) 1,1,1-Trichloroethane	7.734	97	122363	49.564	ug/l	99
36) 1,1-Dichloropropene	7.948	75	116044	54.112	ug/l	100
37) Ethyl Acetate	7.106	43	37103	38.072	ug/l	98
38) Carbon Tetrachloride	7.929	117	108757	49.916	ug/l	98
39) Methylcyclohexane	9.210	83	140836	58.418	ug/l	99
40) Benzene	8.191	78	329970	51.293	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.375	41	50916	99.201	ug/l #	23
42) 1,2-Dichloroethane	8.265	62	77741	45.520	ug/l	99
43) Isopropyl Acetate	8.301	43	70782	37.927	ug/l	98
44) Trichloroethene	8.966	130	82760	50.557	ug/l	100
45) 1,2-Dichloropropane	9.240	63	79126	47.743	ug/l	99
46) Dibromomethane	9.331	93	37711	44.616	ug/l	98
47) Bromodichloromethane	9.520	83	102911	45.341	ug/l	96
48) Methyl methacrylate	9.319	41	41402	41.107	ug/l	98
49) 1,4-Dioxane	9.325	88	6502	742.935	ug/l	98
51) 4-Methyl-2-Pentanone	10.094	43	182700	184.079	ug/l	100
52) Toluene	10.270	92	201439	51.885	ug/l	99
53) t-1,3-Dichloropropene	10.490	75	91901	45.203	ug/l	98
54) cis-1,3-Dichloropropene	9.953	75	115943	47.487	ug/l	97
55) 1,1,2-Trichloroethane	10.667	97	51510	41.714	ug/l	96
56) Ethyl methacrylate	10.532	69	43123	41.230	ug/l	96
57) 1,3-Dichloropropane	10.813	76	89123	43.229	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.807	63	127218	197.253	ug/l	100
59) 2-Hexanone	10.856	43	126763	173.455	ug/l	99
60) Dibromochloromethane	11.008	129	60638	42.582	ug/l	100
61) 1,2-Dibromoethane	11.112	107	46619	43.453	ug/l	100
64) Tetrachloroethene	10.746	164	65648	52.318	ug/l	96
65) Chlorobenzene	11.538	112	200812	49.806	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.612	131	71909	46.917	ug/l	100
67) Ethyl Benzene	11.618	91	387783	53.423	ug/l	98
68) m/p-Xylenes	11.727	106	287163	107.777	ug/l	100
69) o-Xylene	12.050	106	131120	52.494	ug/l	99
70) Styrene	12.069	104	189738	52.192	ug/l	99
71) Bromoform	12.233	173	31836	42.193	ug/l #	100
73) Isopropylbenzene	12.355	105	361010	53.211	ug/l	100
74) N-amyl acetate	12.166	43	53700	39.396	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.605	83	53757	38.888	ug/l	98
76) 1,2,3-Trichloropropane	12.654	75	65549	72.705	ug/l #	100
77) Bromobenzene	12.636	156	71829	48.087	ug/l	96
78) n-propylbenzene	12.697	91	441487	53.527	ug/l	99
79) 2-Chlorotoluene	12.782	91	231731	50.666	ug/l	100
80) 1,3,5-Trimethylbenzene	12.837	105	285475	53.204	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.404	75	15342	38.641	ug/l	99
82) 4-Chlorotoluene	12.880	91	238870	51.121	ug/l	100
83) tert-Butylbenzene	13.099	119	246952	52.254	ug/l	100
84) 1,2,4-Trimethylbenzene	13.142	105	276283	52.285	ug/l	98
85) sec-Butylbenzene	13.276	105	367221	52.440	ug/l	100
86) p-Isopropyltoluene	13.392	119	305735	52.901	ug/l	100
87) 1,3-Dichlorobenzene	13.392	146	141767	48.392	ug/l	99
88) 1,4-Dichlorobenzene	13.471	146	138482	48.331	ug/l	100
89) n-Butylbenzene	13.721	91	297124	53.472	ug/l	100
90) Hexachloroethane	13.983	117	60886	49.027	ug/l	99
91) 1,2-Dichlorobenzene	13.764	146	118217	46.695	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.379	75	6116	35.282	ug/l	99
93) 1,2,4-Trichlorobenzene	15.032	180	60868	48.417	ug/l	98
94) Hexachlorobutadiene	15.135	225	39031	49.560	ug/l	97
95) Naphthalene	15.263	128	100941	44.642	ug/l	100
96) 1,2,3-Trichlorobenzene	15.452	180	49113	46.009	ug/l	98

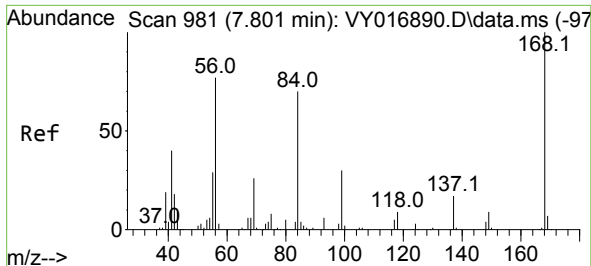
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011824\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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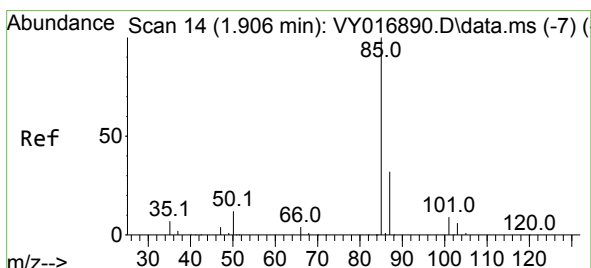
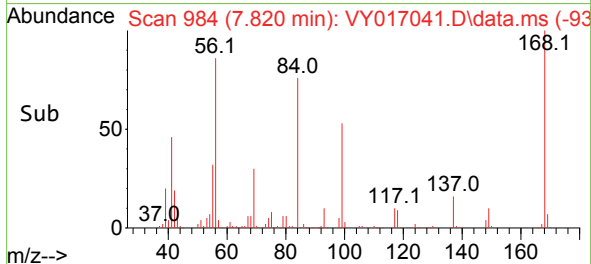
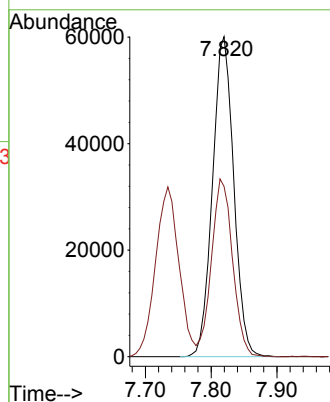
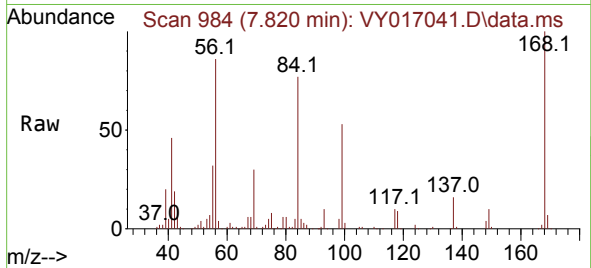
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.820 min Scan# 91
Delta R.T. 0.019 min
Lab File: VY017041.D
Acq: 18 Jan 2024 16:31

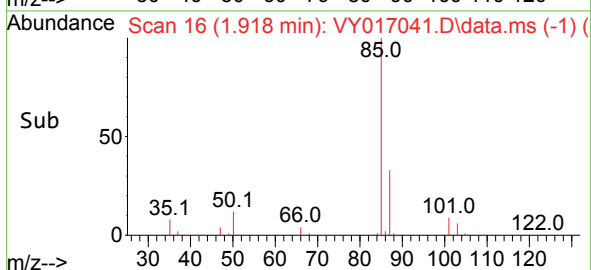
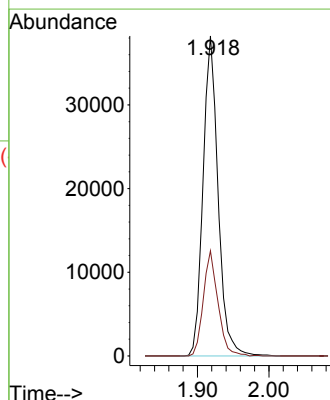
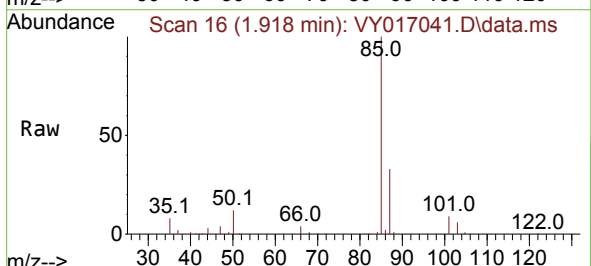
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ClientSampleId :

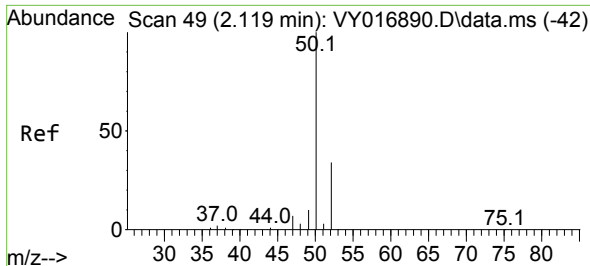
Tgt Ion:168 Resp: 135065
Ion Ratio Lower Upper
168 100
99 53.2 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 55.692 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.006 min
Lab File: VY017041.D
Acq: 18 Jan 2024 16:31

Tgt Ion: 85 Resp: 55923
Ion Ratio Lower Upper
85 100
87 32.9 17.1 51.3

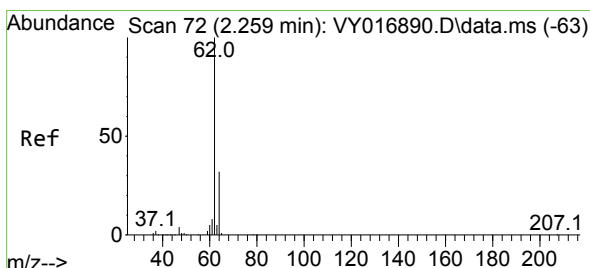
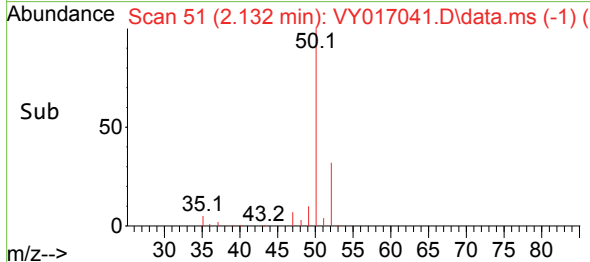
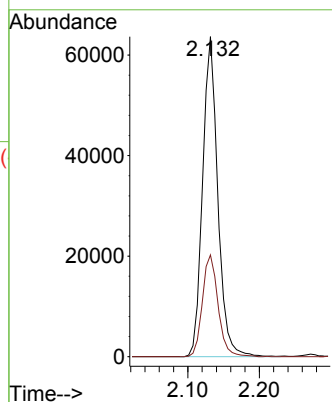
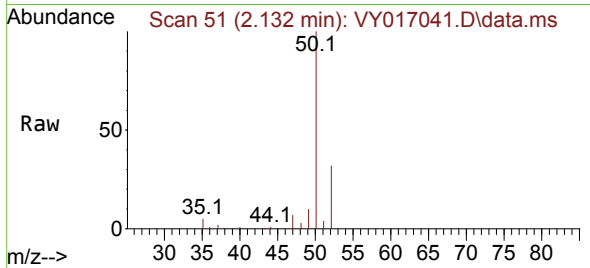




#3
Chloromethane
Concen: 59.173 ug/l
RT: 2.132 min Scan# 51
Delta R.T. 0.013 min
Lab File: VY017041.D
Acq: 18 Jan 2024 16:31

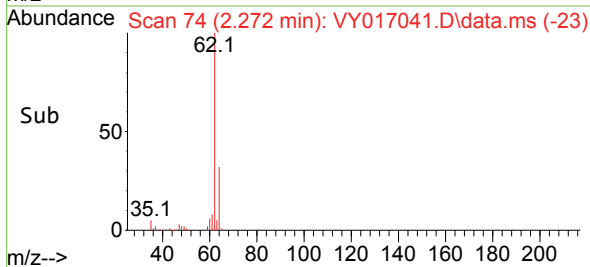
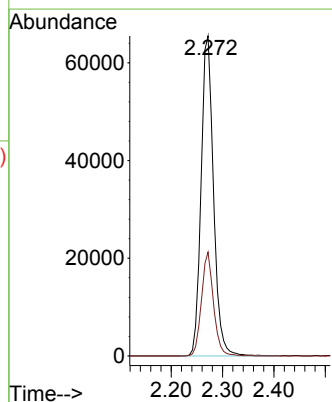
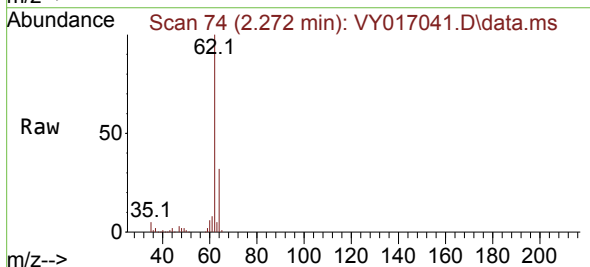
Instrument :
MSVOA_Y
ClientSampleId :

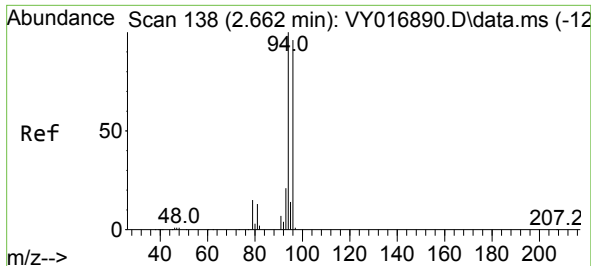
Tgt Ion: 50 Resp: 93885
Ion Ratio Lower Upper
50 100
52 31.8 26.7 40.1



#4
Vinyl Chloride
Concen: 58.729 ug/l
RT: 2.272 min Scan# 74
Delta R.T. 0.013 min
Lab File: VY017041.D
Acq: 18 Jan 2024 16:31

Tgt Ion: 62 Resp: 109911
Ion Ratio Lower Upper
62 100
64 32.4 25.7 38.5





#5

Bromomethane

Concen: 57.771 ug/l

RT: 2.674 min Scan# 14

Delta R.T. 0.012 min

Lab File: VY017041.D

Acq: 18 Jan 2024 16:31

Instrument :

MSVOA_Y

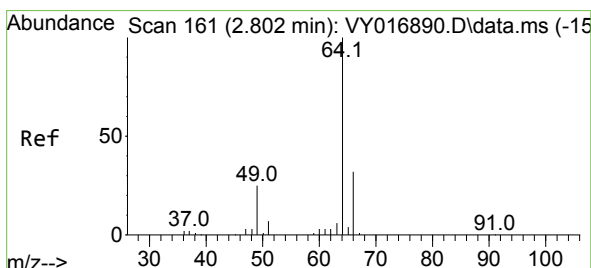
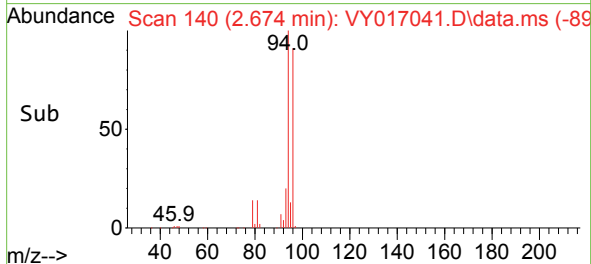
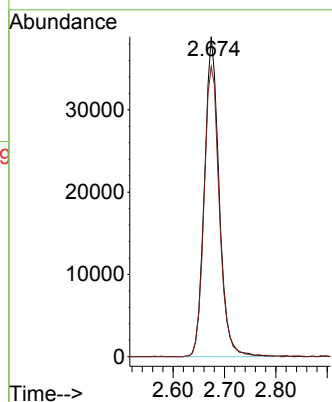
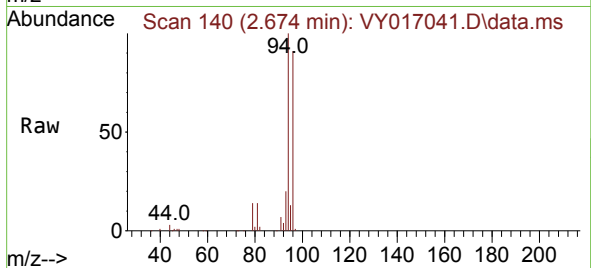
ClientSampleId :

Tgt Ion: 94 Resp: 77457

Ion Ratio Lower Upper

94 100

96 90.7 77.3 115.9



#6

Chloroethane

Concen: 56.699 ug/l

RT: 2.820 min Scan# 164

Delta R.T. 0.012 min

Lab File: VY017041.D

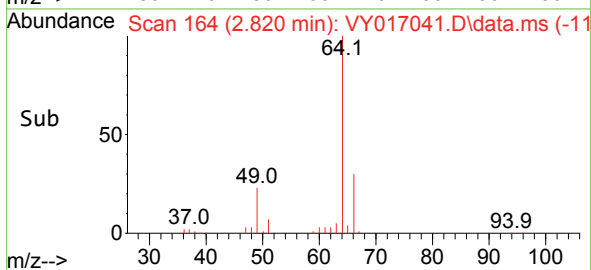
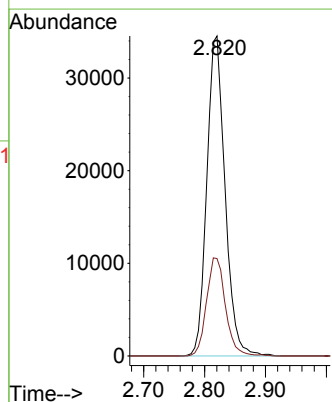
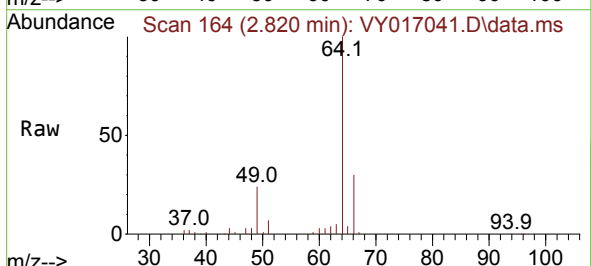
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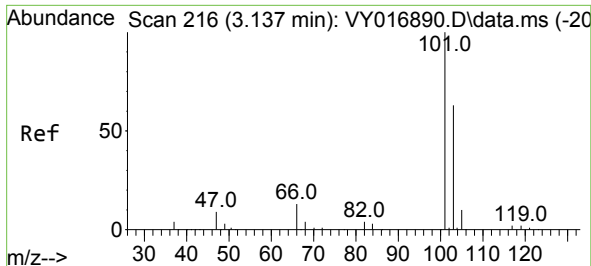
Tgt Ion: 64 Resp: 71780

Ion Ratio Lower Upper

64 100

66 30.4 25.1 37.7

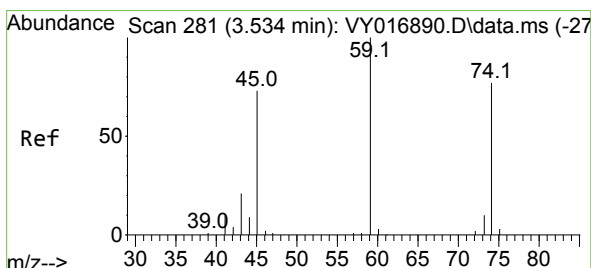
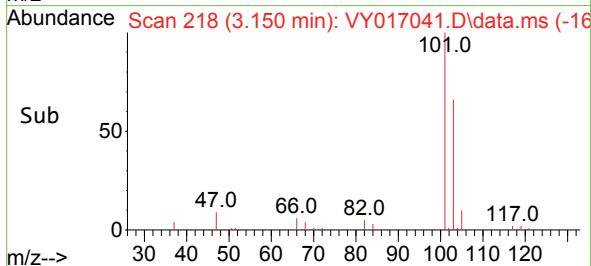
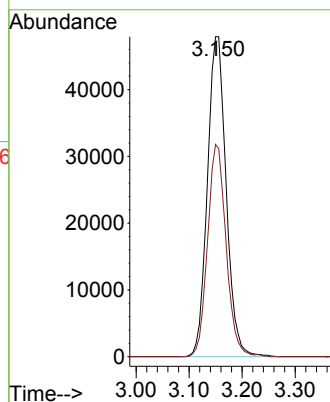
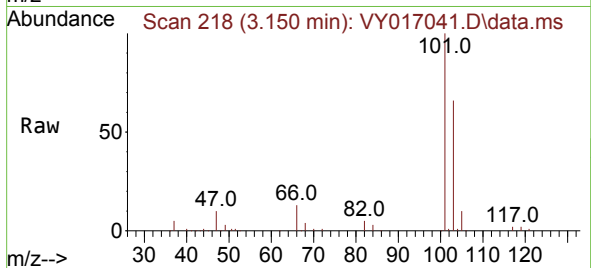




#7
Trichlorofluoromethane
Concen: 51.131 ug/l
RT: 3.150 min Scan# 216
Delta R.T. 0.013 min
Lab File: VY017041.D
Acq: 18 Jan 2024 16:31

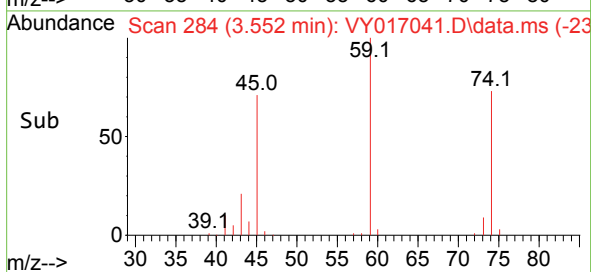
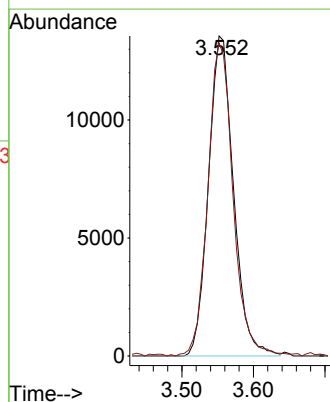
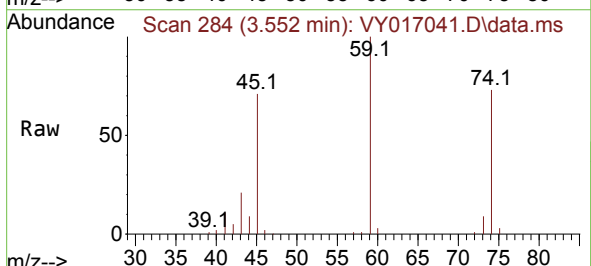
Instrument :
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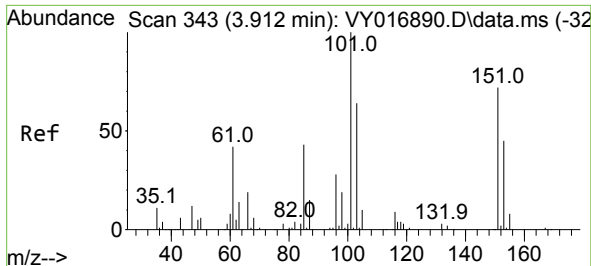
Tgt Ion:101 Resp: 117906
Ion Ratio Lower Upper
101 100
103 66.3 51.9 77.9



#8
Diethyl Ether
Concen: 44.651 ug/l
RT: 3.552 min Scan# 284
Delta R.T. 0.012 min
Lab File: VY017041.D
Acq: 18 Jan 2024 16:31

Tgt Ion: 74 Resp: 32905
Ion Ratio Lower Upper
74 100
45 99.0 47.9 143.7

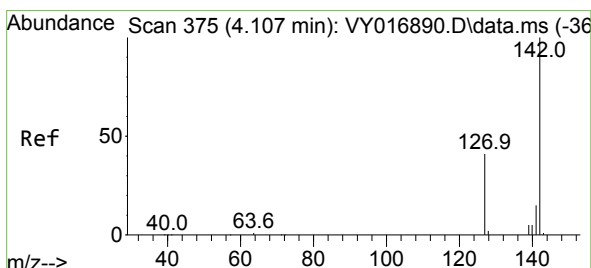
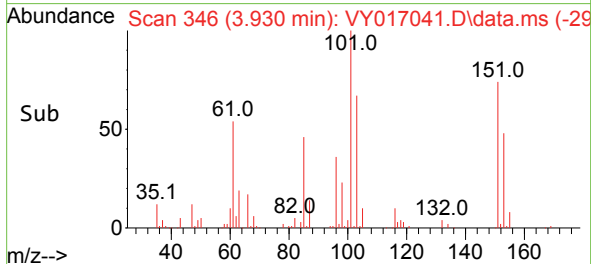
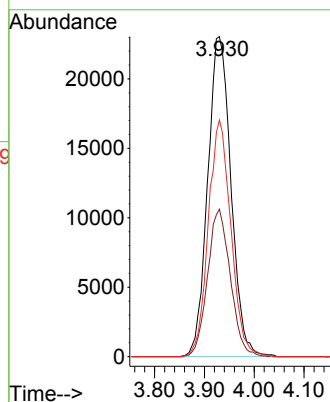
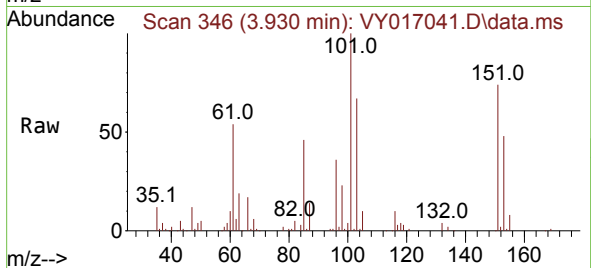




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.927 ug/l
RT: 3.930 min Scan# 34
Delta R.T. 0.019 min
Lab File: VY017041.D
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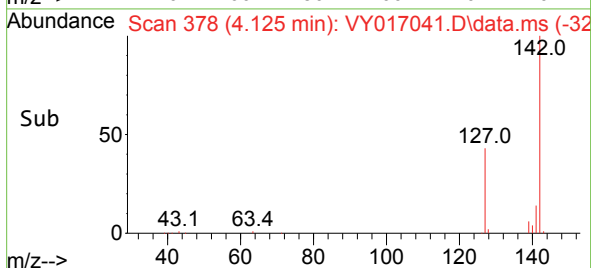
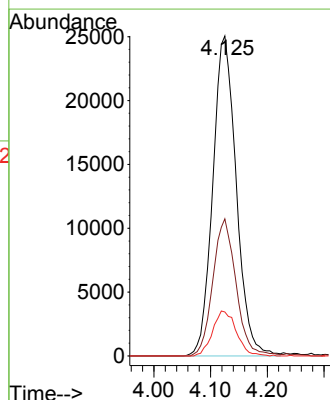
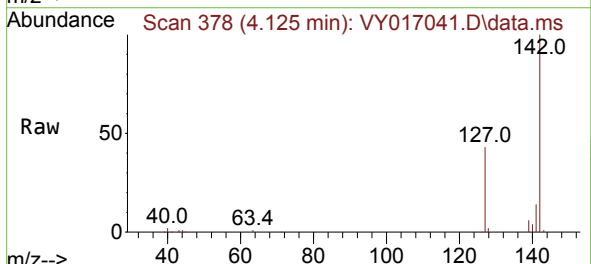
Instrument :
MSVOA_Y
ClientSampleId :

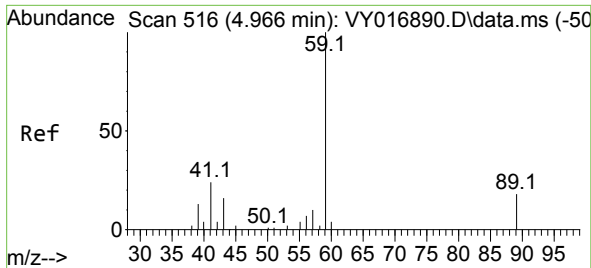
Tgt Ion:101 Resp: 74858
Ion Ratio Lower Upper
101 100
85 45.1 35.8 53.6
151 71.7 58.6 88.0



#10
Methyl Iodide
Concen: 56.439 ug/l
RT: 4.125 min Scan# 378
Delta R.T. 0.019 min
Lab File: VY017041.D
Acq: 18 Jan 2024 16:31

Tgt Ion:142 Resp: 71991
Ion Ratio Lower Upper
142 100
127 42.4 35.1 52.7
141 14.2 11.8 17.6

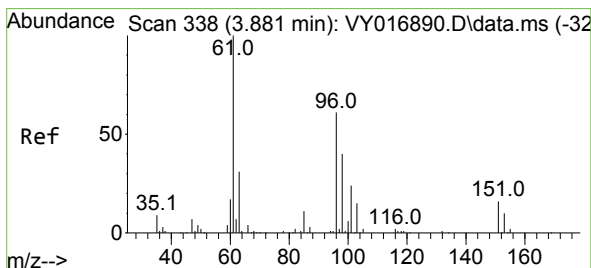
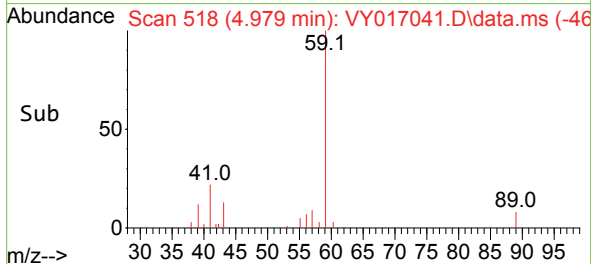
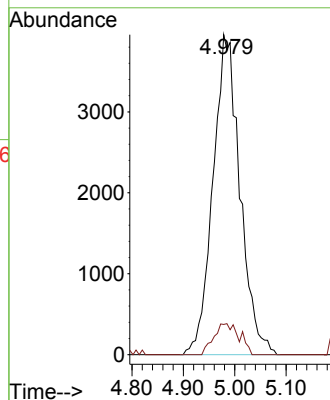
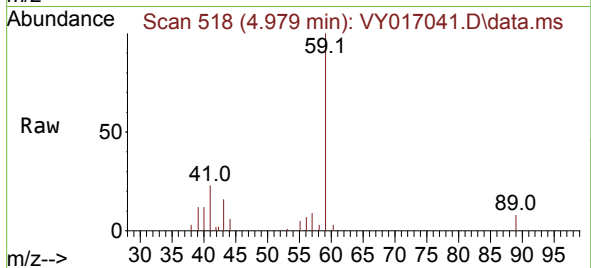




#11
Tert butyl alcohol
Concen: 132.988 ug/l
RT: 4.979 min Scan# 516
Delta R.T. 0.013 min
Lab File: VY017041.D
Acq: 18 Jan 2024 16:31

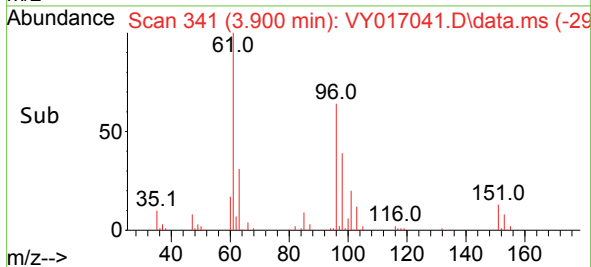
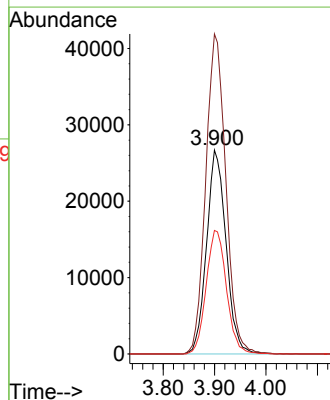
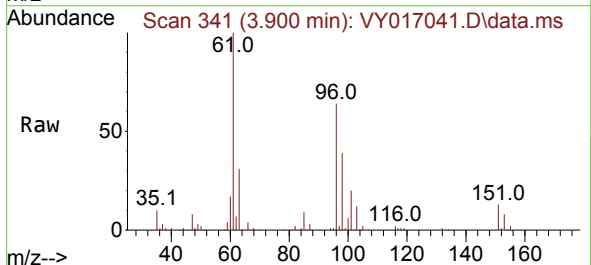
Instrument :
MSVOA_Y
ClientSampleId :

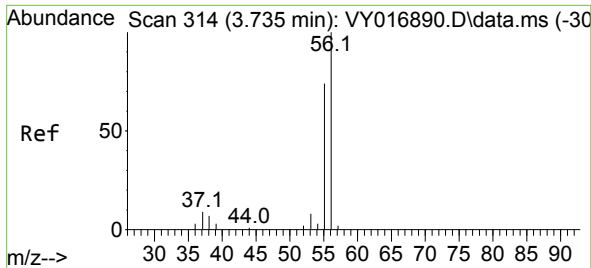
Tgt Ion: 59 Resp: 14424
Ion Ratio Lower Upper
59 100
57 9.2 7.4 11.0



#12
1,1-Dichloroethene
Concen: 54.666 ug/l
RT: 3.900 min Scan# 341
Delta R.T. 0.013 min
Lab File: VY017041.D
Acq: 18 Jan 2024 16:31

Tgt Ion: 96 Resp: 70325
Ion Ratio Lower Upper
96 100
61 157.0 124.2 186.2
98 60.6 52.6 79.0





#13

Acrolein

Concen: 160.835 ug/l

RT: 3.753 min Scan# 314

Delta R.T. 0.012 min

Lab File: VY017041.D

Acq: 18 Jan 2024 16:31

Instrument :

MSVOA_Y

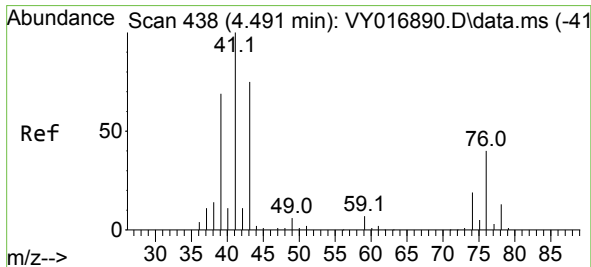
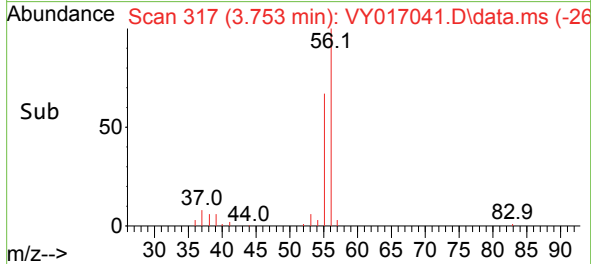
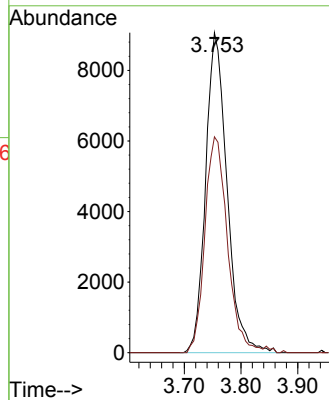
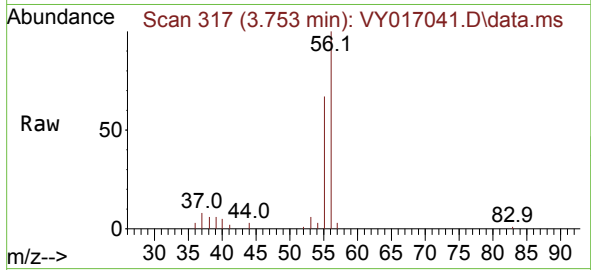
ClientSampleId :

Tgt Ion: 56 Resp: 23822

Ion Ratio Lower Upper

56 100

55 71.0 55.4 83.0



#14

Allyl chloride

Concen: 52.554 ug/l

RT: 4.509 min Scan# 441

Delta R.T. 0.012 min

Lab File: VY017041.D

Acq: 18 Jan 2024 16:31

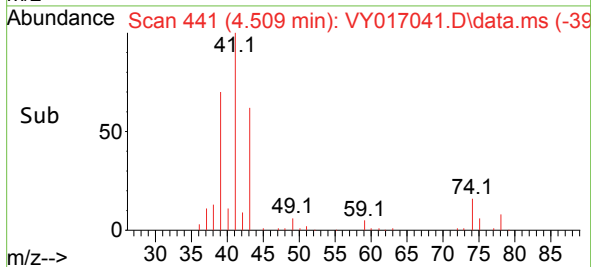
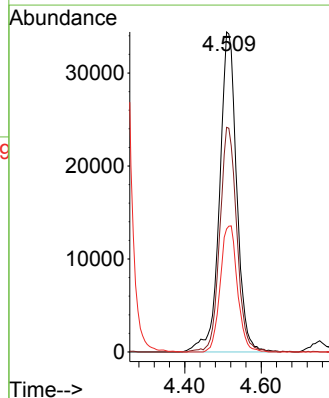
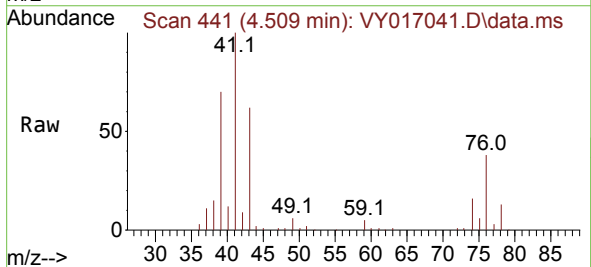
Tgt Ion: 41 Resp: 106881

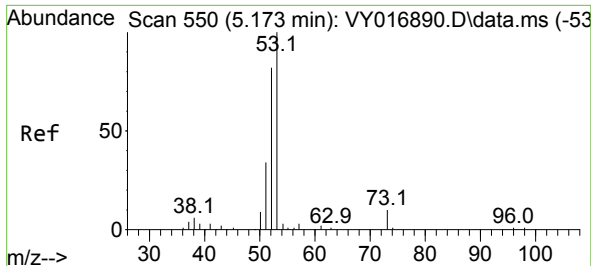
Ion Ratio Lower Upper

41 100

39 69.8 54.7 82.1

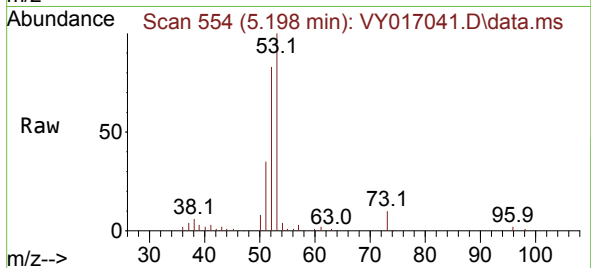
76 39.4 31.8 47.6



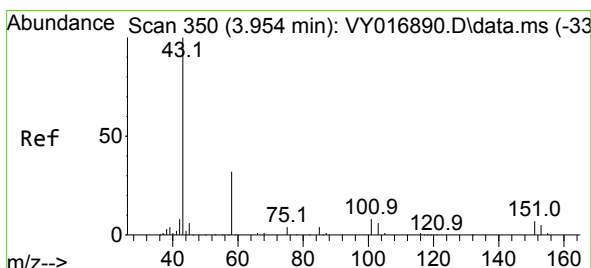
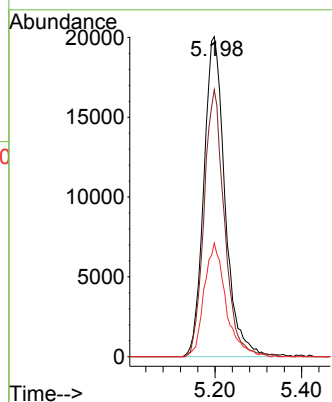
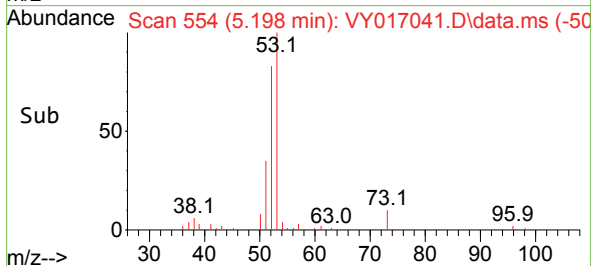


#15
Acrylonitrile
Concen: 197.934 ug/l
RT: 5.198 min Scan# 51
Delta R.T. 0.019 min
Lab File: VY017041.D
Acq: 18 Jan 2024 16:31

Instrument :
MSVOA_Y
ClientSampleId :

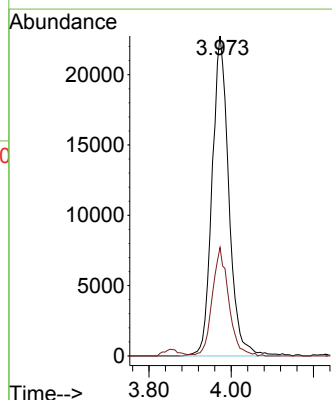
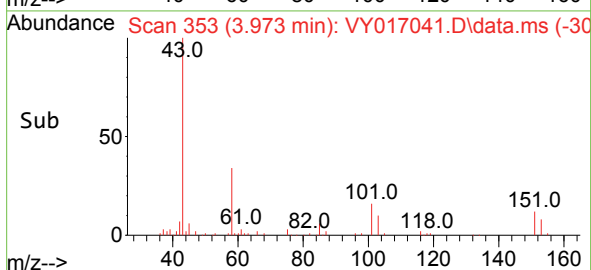
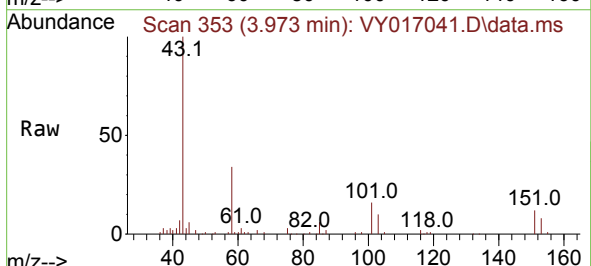


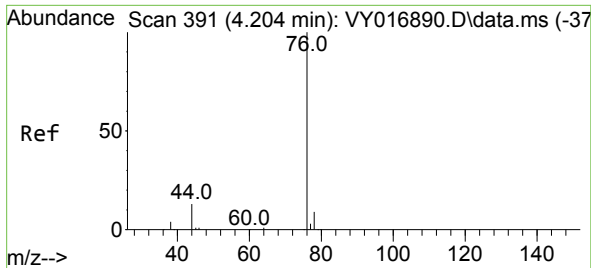
Tgt Ion: 53 Resp: 68228
Ion Ratio Lower Upper
53 100
52 79.9 65.1 97.7
51 36.4 29.0 43.4



#16
Acetone
Concen: 189.597 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.013 min
Lab File: VY017041.D
Acq: 18 Jan 2024 16:31

Tgt Ion: 43 Resp: 64298
Ion Ratio Lower Upper
43 100
58 33.9 26.6 39.8

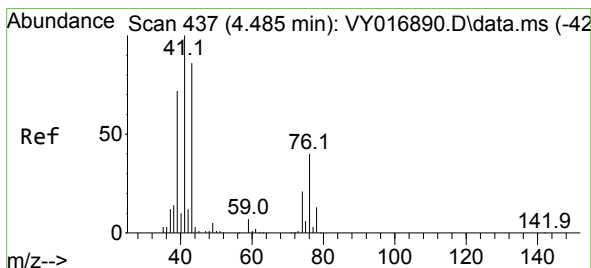
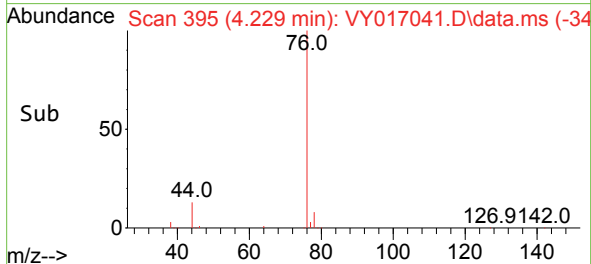
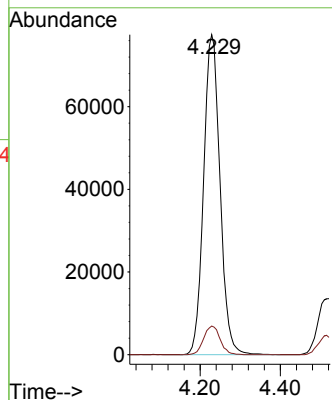
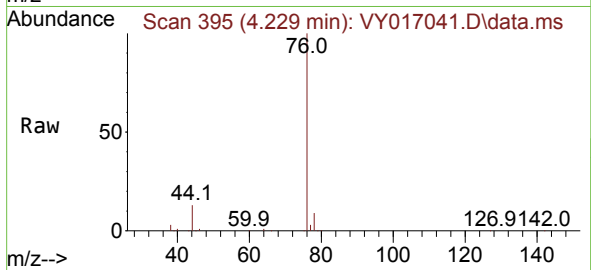




#17
Carbon Disulfide
Concen: 71.438 ug/l
RT: 4.229 min Scan# 391
Delta R.T. 0.019 min
Lab File: VY017041.D
Acq: 18 Jan 2024 16:31

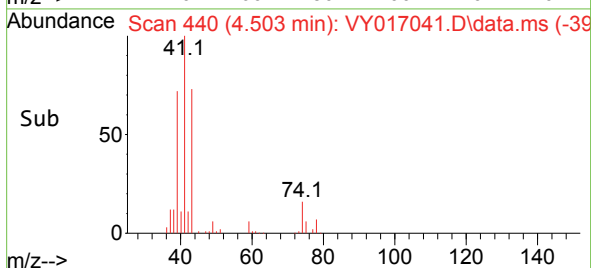
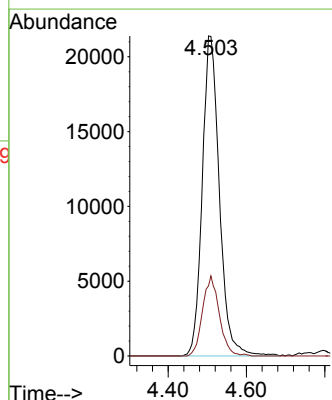
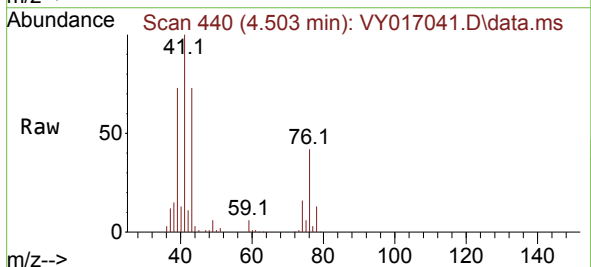
Instrument :
MSVOA_Y
ClientSampleId :

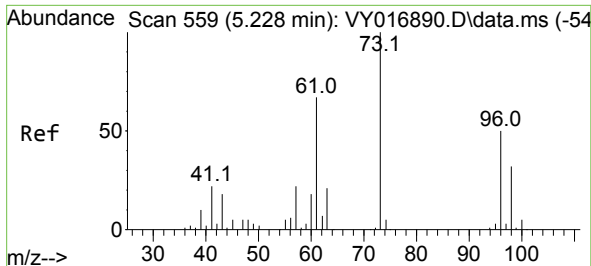
Tgt Ion: 76 Resp: 219589
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 45.367 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY017041.D
Acq: 18 Jan 2024 16:31

Tgt Ion: 43 Resp: 64884
Ion Ratio Lower Upper
43 100
74 24.4 19.8 29.6

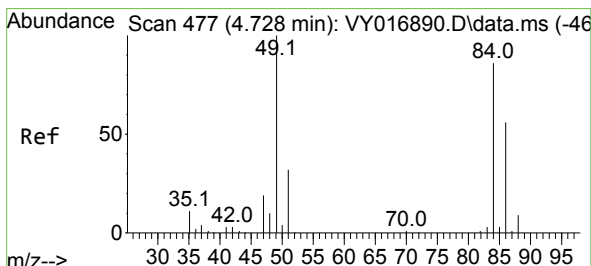
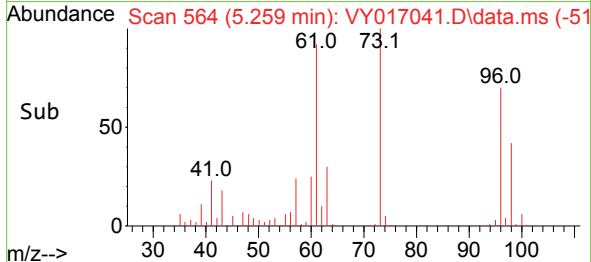
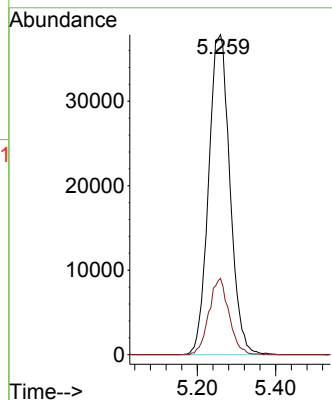
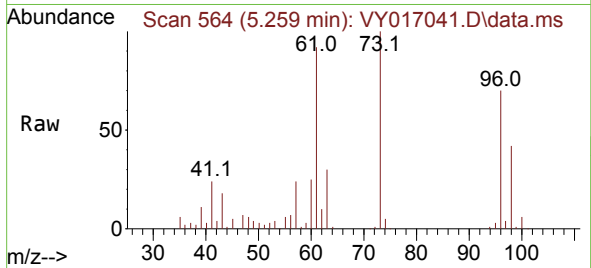




#19
Methyl tert-butyl Ether
Concen: 42.727 ug/l
RT: 5.259 min Scan# 51
Delta R.T. 0.025 min
Lab File: VY017041.D
Acq: 18 Jan 2024 16:31

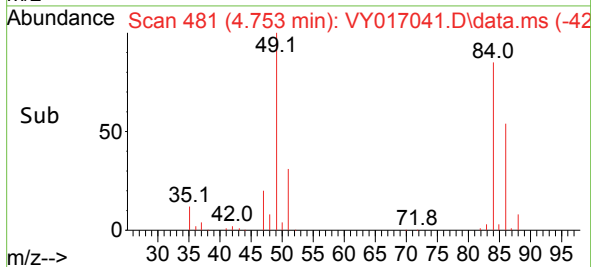
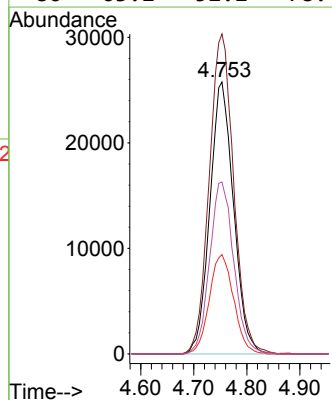
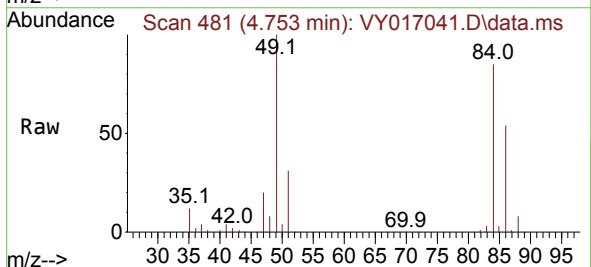
Instrument :
MSVOA_Y
ClientSampleId :

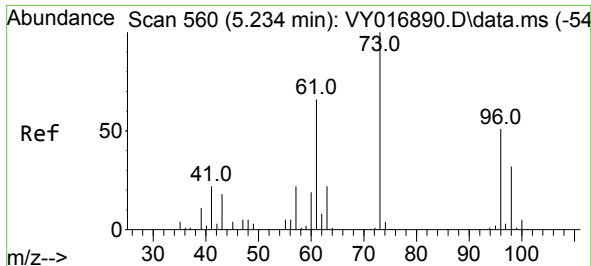
Tgt Ion: 73 Resp: 143002
Ion Ratio Lower Upper
73 100
57 23.9 17.7 26.5



#20
Methylene Chloride
Concen: 45.664 ug/l
RT: 4.753 min Scan# 481
Delta R.T. 0.019 min
Lab File: VY017041.D
Acq: 18 Jan 2024 16:31

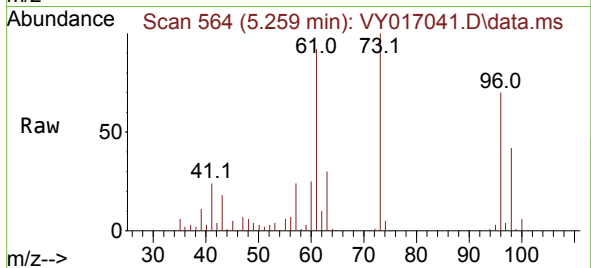
Tgt Ion: 84 Resp: 80059
Ion Ratio Lower Upper
84 100
49 117.6 95.2 142.8
51 36.5 29.9 44.9
86 63.2 52.2 78.4





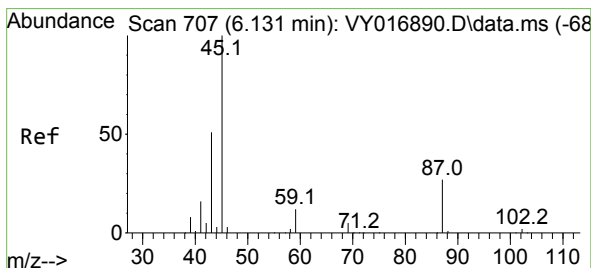
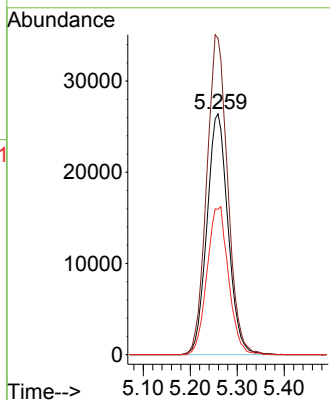
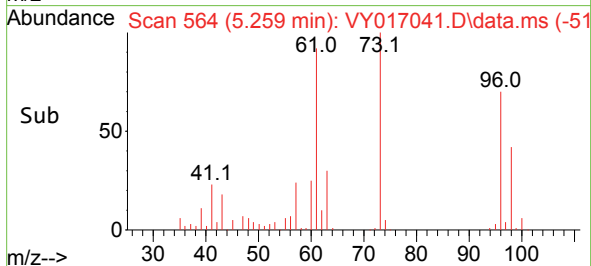
#21
trans-1,2-Dichloroethene
Concen: 55.916 ug/l
RT: 5.259 min Scan# 51
Delta R.T. 0.019 min
Lab File: VY017041.D
Acq: 18 Jan 2024 16:31

Instrument :
MSVOA_Y
ClientSampleId :

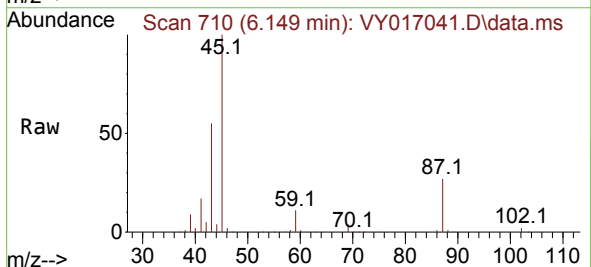


Tgt Ion: 96 Resp: 82385

Ion	Ratio	Lower	Upper
96	100		
61	131.4	104.6	156.8
98	60.4	50.9	76.3

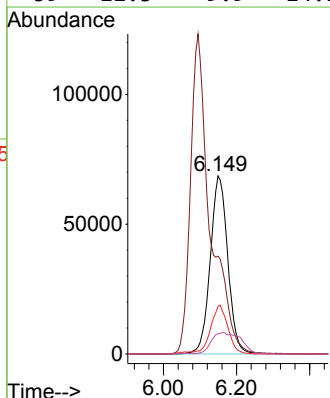
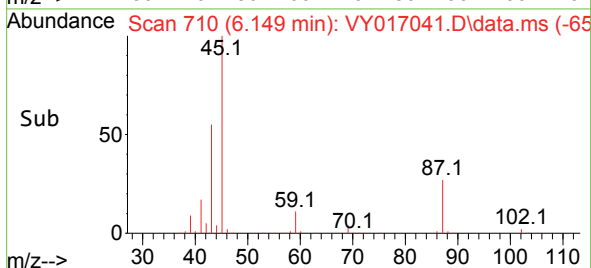


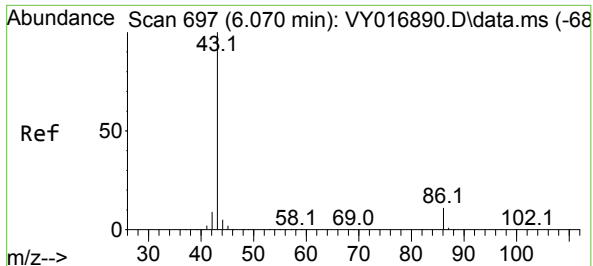
#22
Diisopropyl ether
Concen: 48.471 ug/l
RT: 6.149 min Scan# 710
Delta R.T. 0.018 min
Lab File: VY017041.D
Acq: 18 Jan 2024 16:31



Tgt Ion: 45 Resp: 227898

Ion	Ratio	Lower	Upper
45	100		
43	54.6	46.8	70.2
87	26.8	22.2	33.2
59	11.3	9.9	14.9

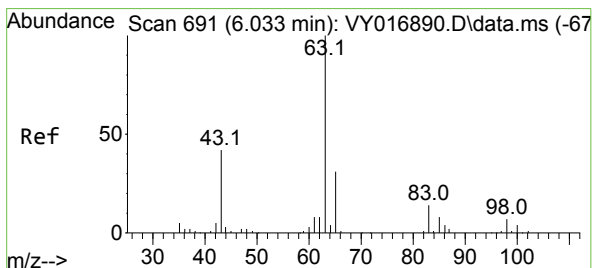
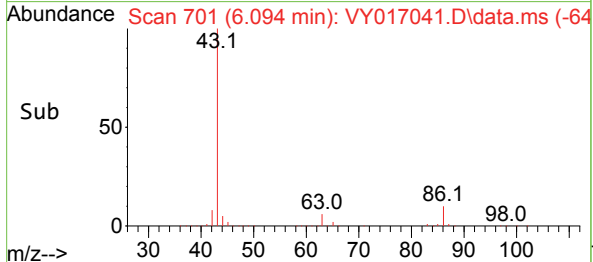
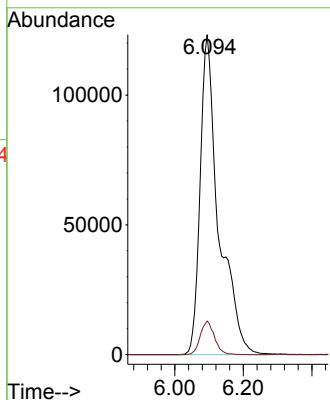
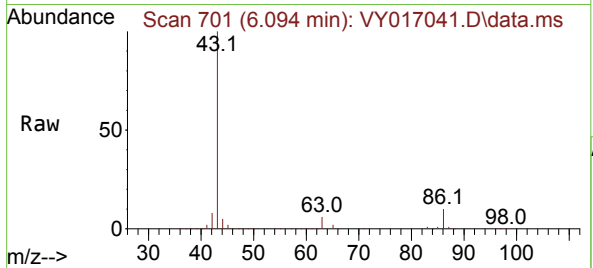




#23
 Vinyl Acetate
 Concen: 215.164 ug/l
 RT: 6.094 min Scan# 701
 Delta R.T. 0.018 min
 Lab File: VY017041.D
 Acq: 18 Jan 2024 16:31

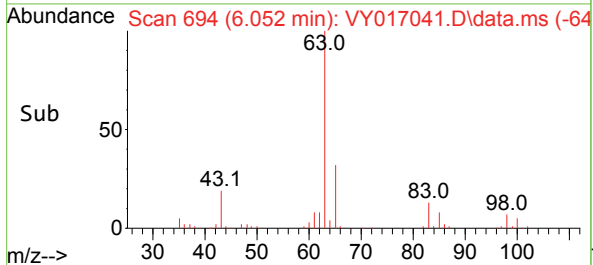
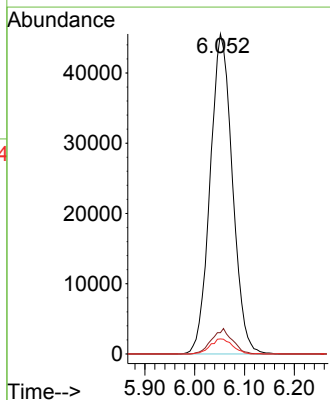
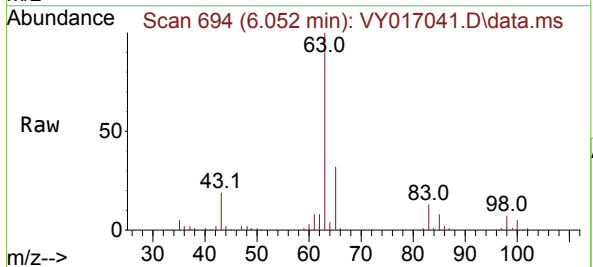
Instrument :
 MSVOA_Y
 ClientSampleId :

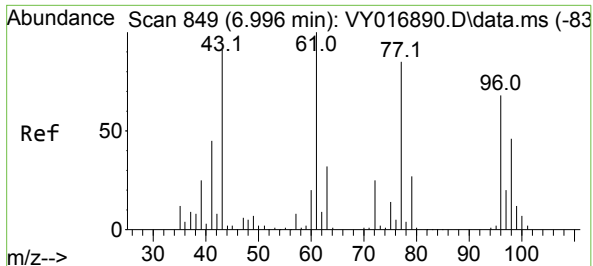
Tgt Ion: 43 Resp: 463865
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 50.119 ug/l
 RT: 6.052 min Scan# 694
 Delta R.T. 0.019 min
 Lab File: VY017041.D
 Acq: 18 Jan 2024 16:31

Tgt Ion: 63 Resp: 141608
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.8 11.4
 100 4.7 2.1 6.2





#25

2-Butanone

Concen: 185.358 ug/l

RT: 7.015 min Scan# 852

Delta R.T. 0.019 min

Lab File: VY017041.D

Acq: 18 Jan 2024 16:31

Instrument :

MSVOA_Y

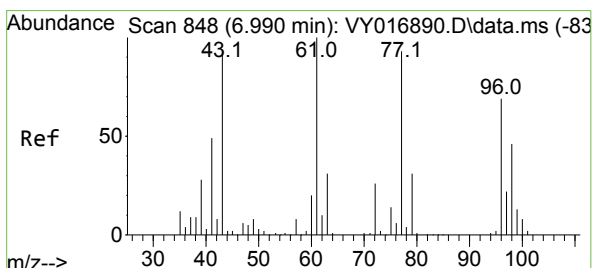
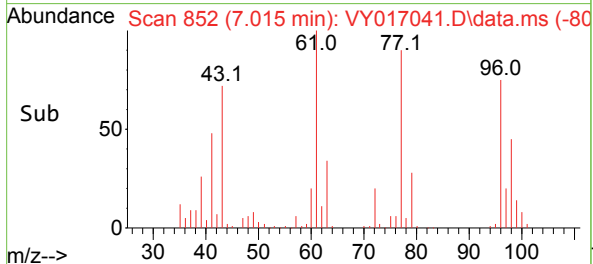
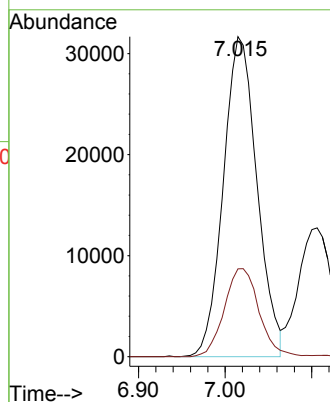
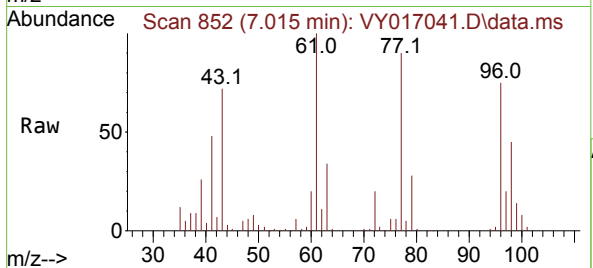
ClientSampleId :

Tgt Ion: 43 Resp: 85583

Ion Ratio Lower Upper

43 100

72 27.4 21.4 32.2



#26

2,2-Dichloropropane

Concen: 48.464 ug/l

RT: 7.015 min Scan# 852

Delta R.T. 0.019 min

Lab File: VY017041.D

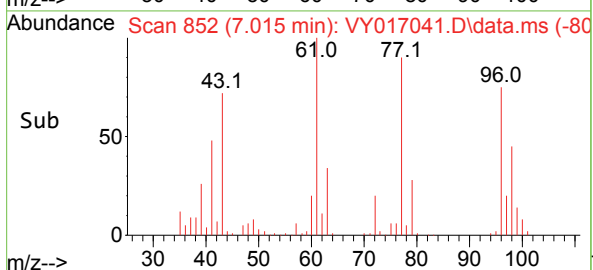
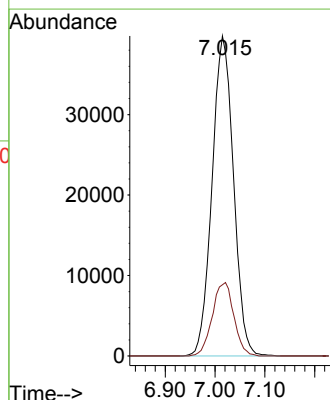
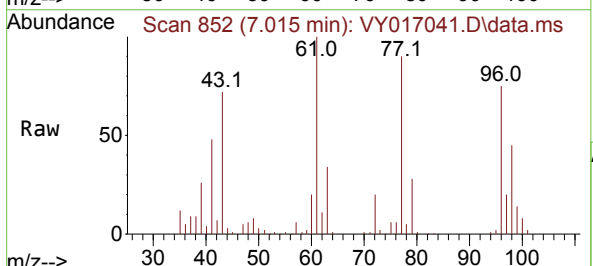
Acq: 18 Jan 2024 16:31

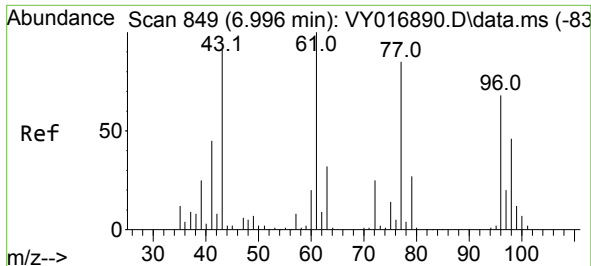
Tgt Ion: 77 Resp: 118727

Ion Ratio Lower Upper

77 100

97 23.1 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 51.121 ug/l

RT: 7.015 min Scan# 81

Delta R.T. 0.013 min

Lab File: VY017041.D

Acq: 18 Jan 2024 16:31

Instrument :

MSVOA_Y

ClientSampleId :

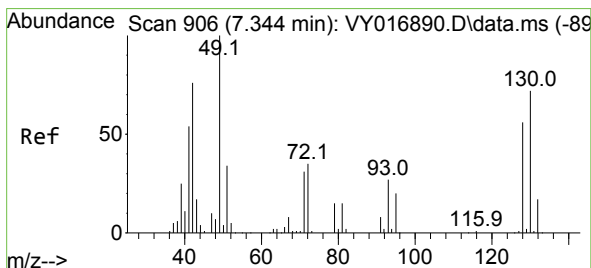
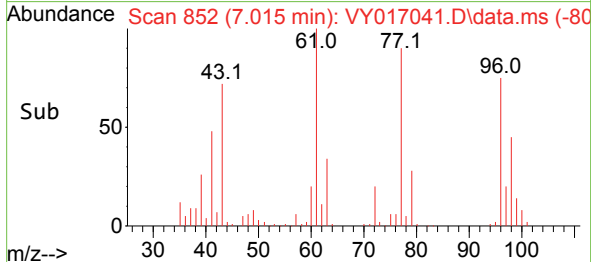
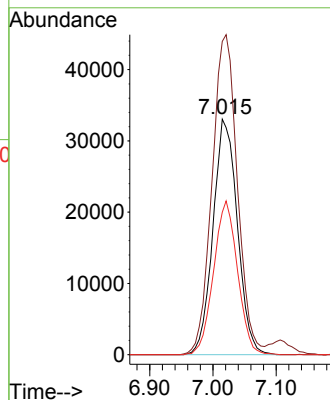
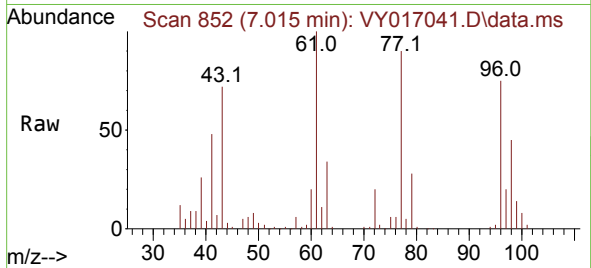
Tgt Ion: 96 Resp: 88292

Ion Ratio Lower Upper

96 100

61 141.3 0.0 278.8

98 64.2 0.0 127.0



#28

Bromochloromethane

Concen: 54.904 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.018 min

Lab File: VY017041.D

Acq: 18 Jan 2024 16:31

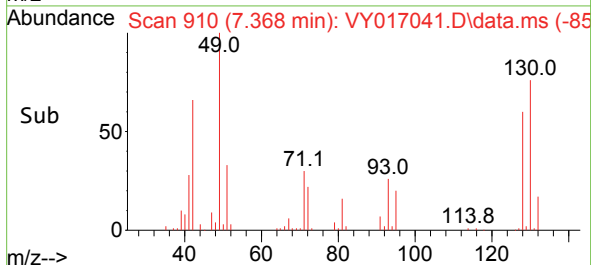
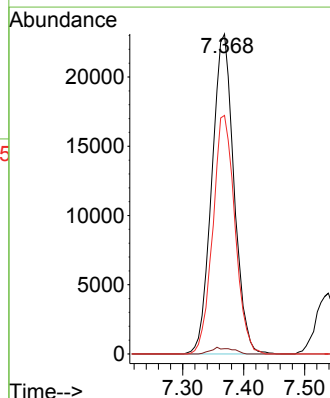
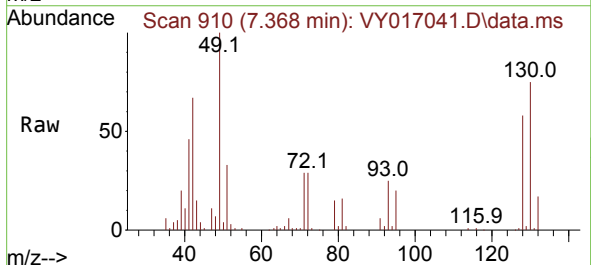
Tgt Ion: 49 Resp: 58238

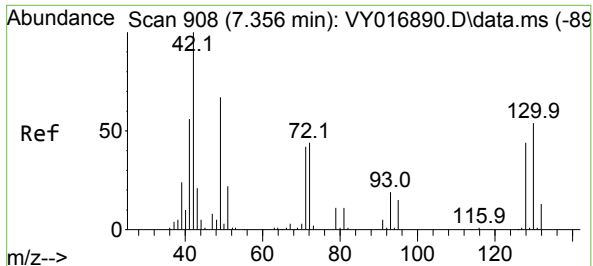
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

130 74.5 59.8 89.8





#29

Tetrahydrofuran

Concen: 189.936 ug/l

RT: 7.375 min Scan# 911

Delta R.T. 0.013 min

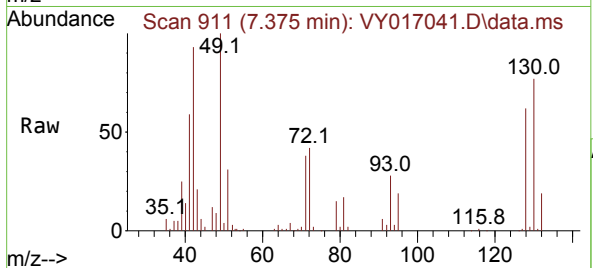
Lab File: VY017041.D

Acq: 18 Jan 2024 16:31

Instrument :

MSVOA_Y

ClientSampleId :



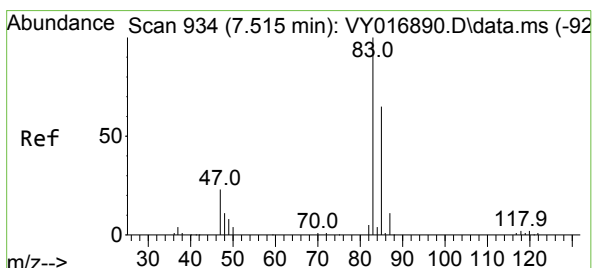
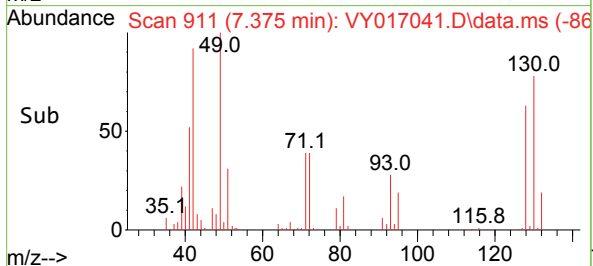
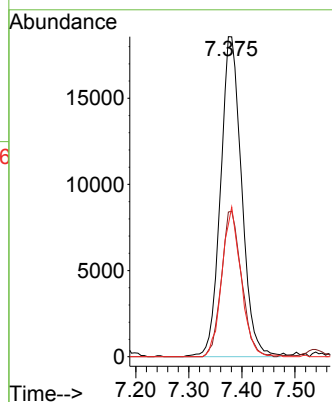
Tgt Ion: 42 Resp: 51318

Ion Ratio Lower Upper

42 100

72 43.6 36.6 54.8

71 42.3 33.8 50.6



#30

Chloroform

Concen: 48.674 ug/l

RT: 7.539 min Scan# 938

Delta R.T. 0.018 min

Lab File: VY017041.D

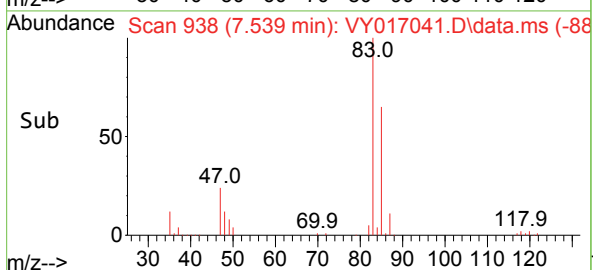
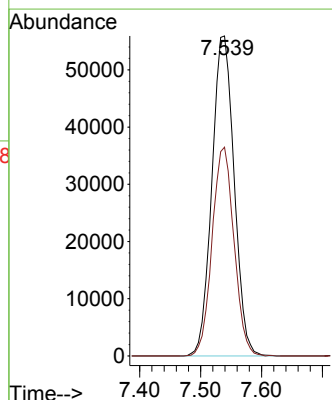
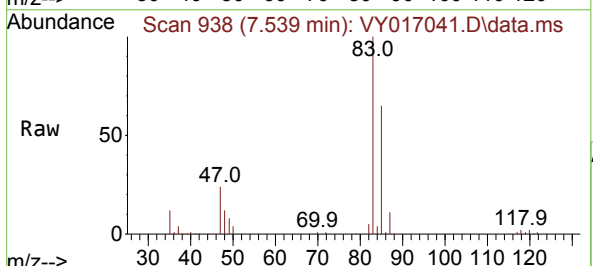
Acq: 18 Jan 2024 16:31

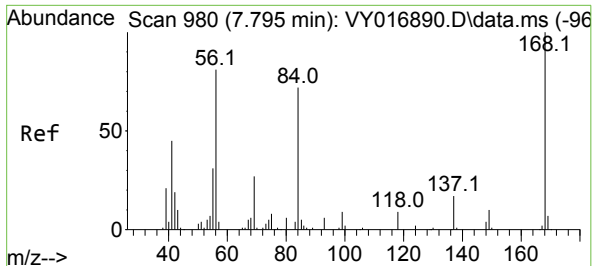
Tgt Ion: 83 Resp: 141722

Ion Ratio Lower Upper

83 100

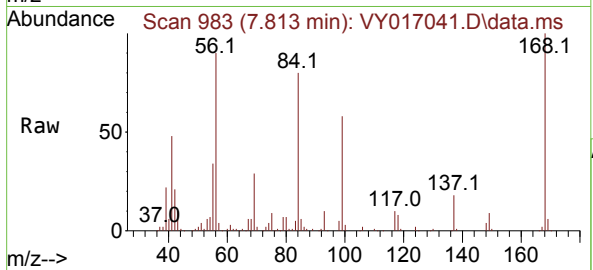
85 65.2 51.2 76.8



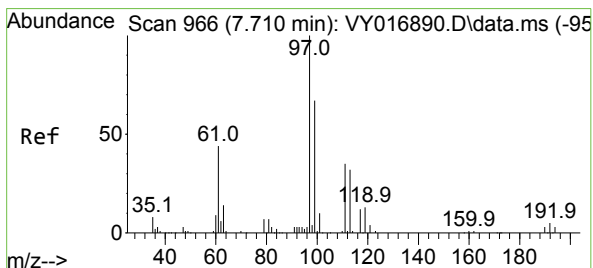
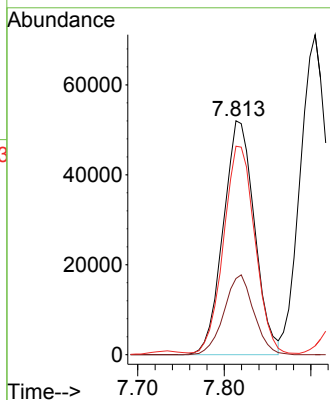
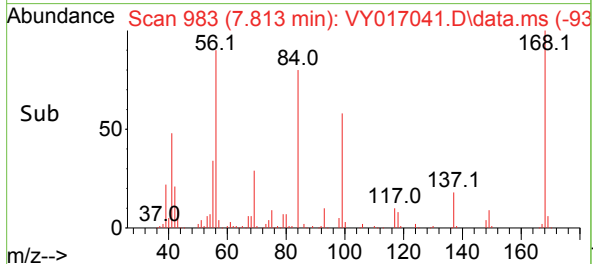


#31
Cyclohexane
Concen: 56.982 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017041.D
Acq: 18 Jan 2024 16:31

Instrument :
MSVOA_Y
ClientSampleId :

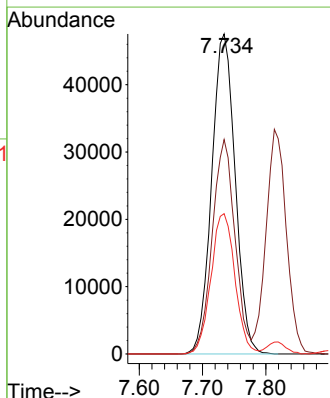
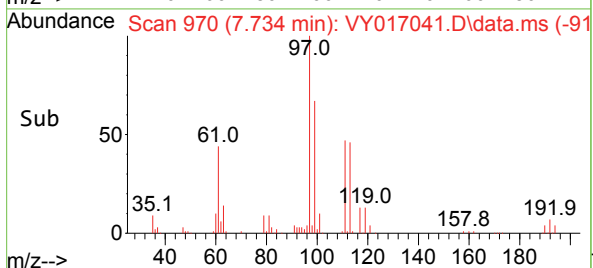
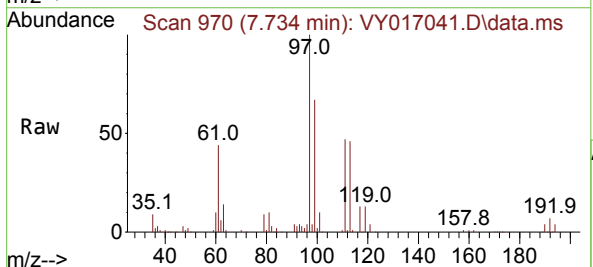


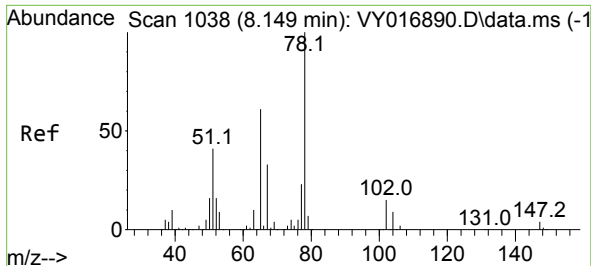
Tgt Ion: 56 Resp: 130556
Ion Ratio Lower Upper
56 100
69 32.6 27.0 40.6
84 88.0 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 49.564 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.018 min
Lab File: VY017041.D
Acq: 18 Jan 2024 16:31

Tgt Ion: 97 Resp: 122363
Ion Ratio Lower Upper
97 100
99 64.9 51.2 76.8
61 44.9 35.0 52.6

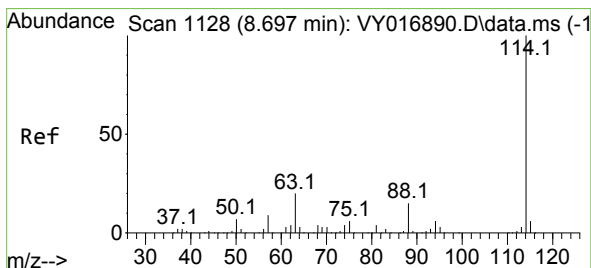
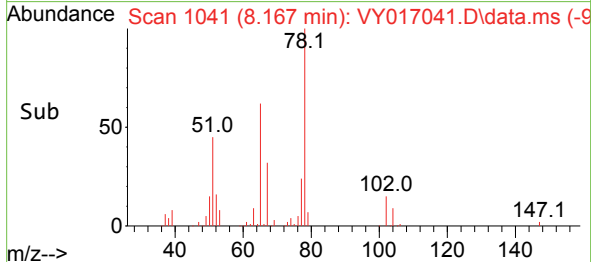
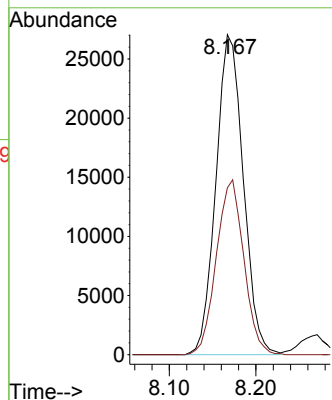
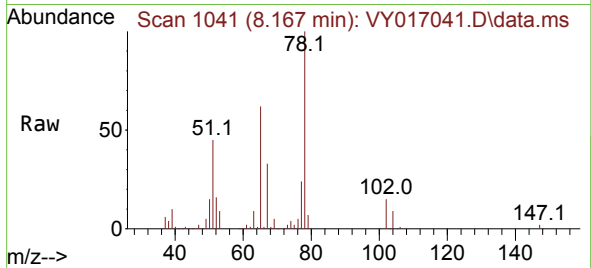




#33
1,2-Dichloroethane-d4
Concen: 44.591 ug/l
RT: 8.167 min Scan# 1103
Delta R.T. 0.012 min
Lab File: VY017041.D
Acq: 18 Jan 2024 16:31

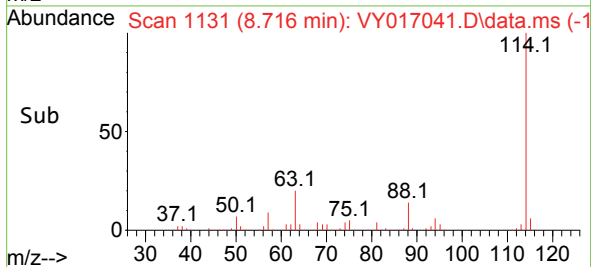
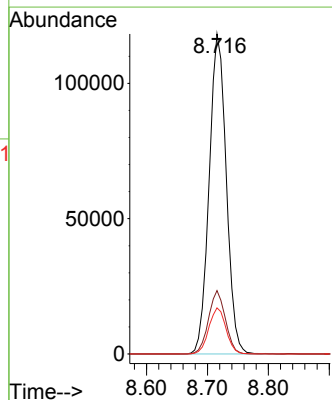
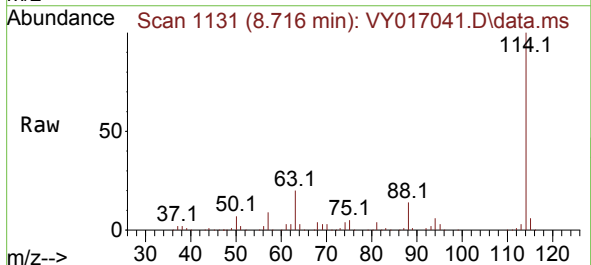
Instrument :
MSVOA_Y
ClientSampleId :

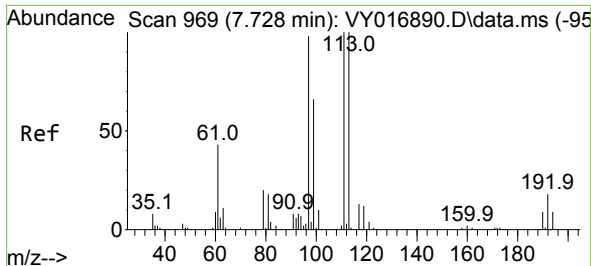
Tgt Ion: 65 Resp: 59526
Ion Ratio Lower Upper
65 100
67 54.8 0.0 109.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.716 min Scan# 1131
Delta R.T. 0.013 min
Lab File: VY017041.D
Acq: 18 Jan 2024 16:31

Tgt Ion:114 Resp: 230920
Ion Ratio Lower Upper
114 100
63 19.8 0.0 37.4
88 14.4 0.0 29.0

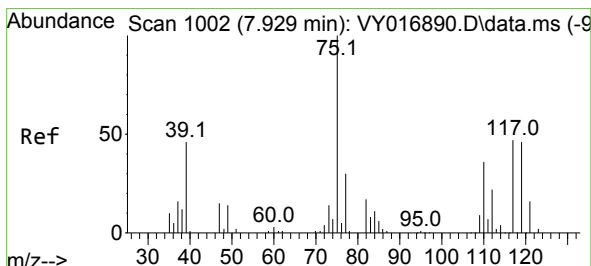
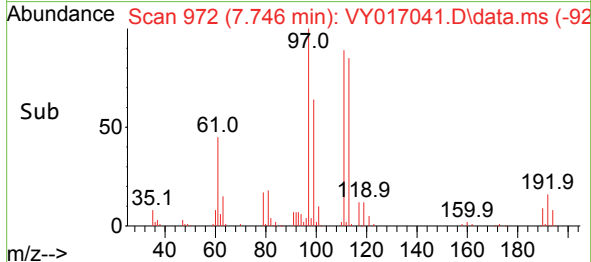
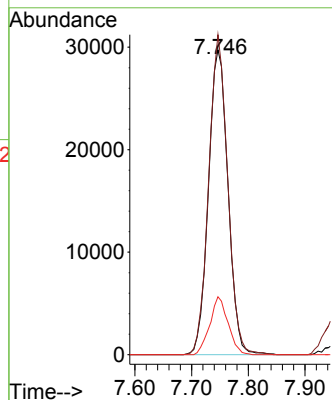
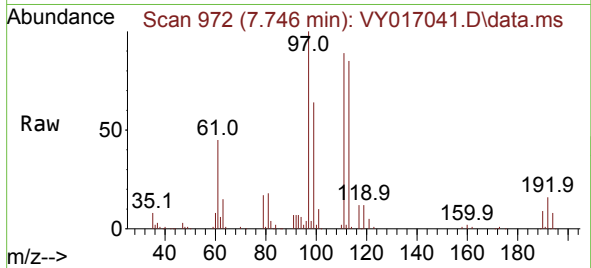




#35
Dibromofluoromethane
Concen: 48.378 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017041.D
Acq: 18 Jan 2024 16:31

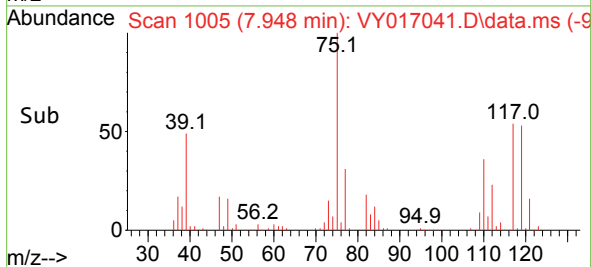
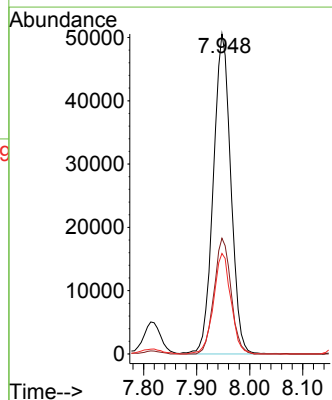
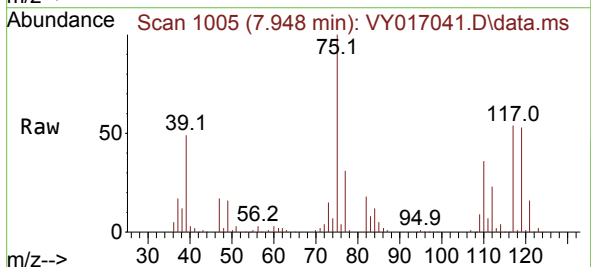
Instrument :
MSVOA_Y
ClientSampleId :

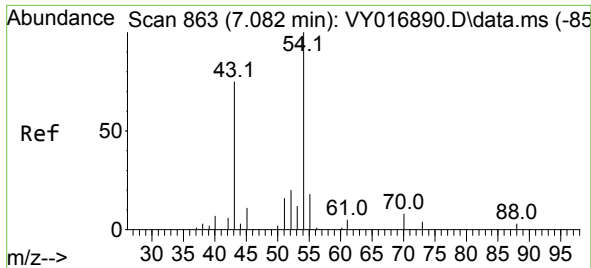
Tgt Ion:113 Resp: 71189
Ion Ratio Lower Upper
113 100
111 102.0 83.8 125.6
192 17.8 14.5 21.7



#36
1,1-Dichloropropene
Concen: 54.112 ug/l
RT: 7.948 min Scan# 1005
Delta R.T. 0.019 min
Lab File: VY017041.D
Acq: 18 Jan 2024 16:31

Tgt Ion: 75 Resp: 116044
Ion Ratio Lower Upper
75 100
110 35.0 17.4 52.3
77 31.2 24.7 37.1

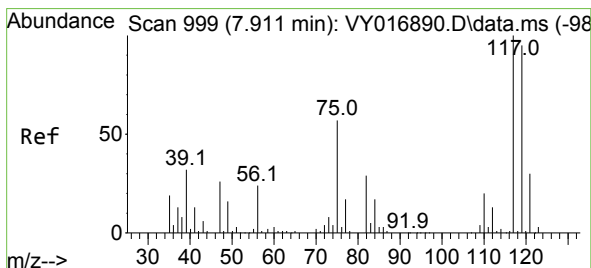
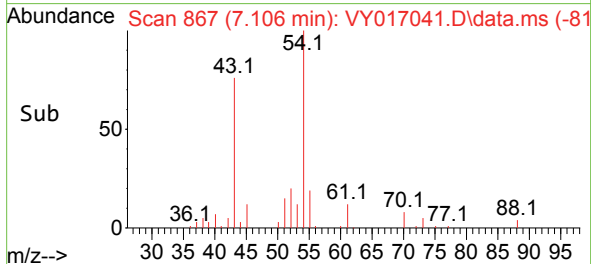
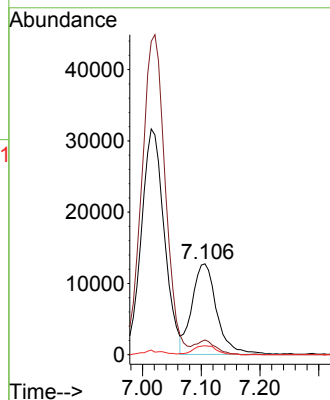
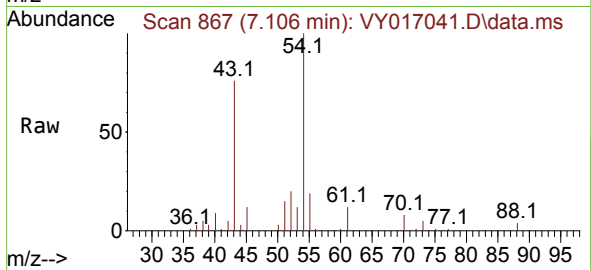




#37
Ethyl Acetate
Concen: 38.072 ug/l
RT: 7.106 min Scan# 80
Delta R.T. 0.018 min
Lab File: VY017041.D
Acq: 18 Jan 2024 16:31

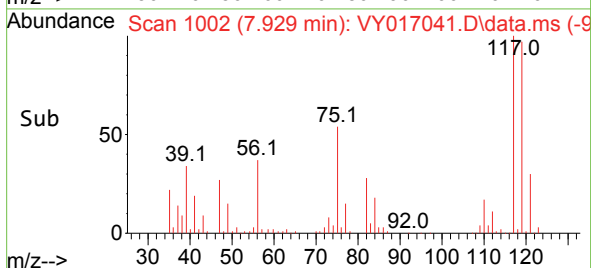
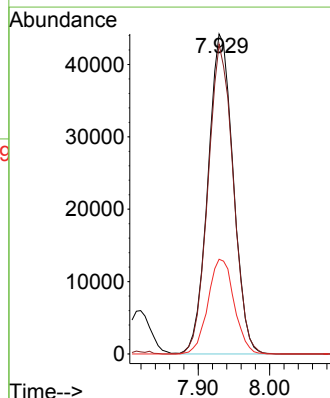
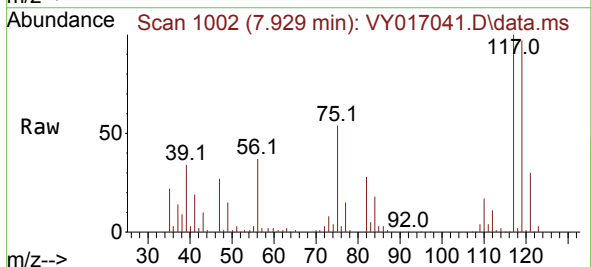
Instrument :
MSVOA_Y
ClientSampleId :

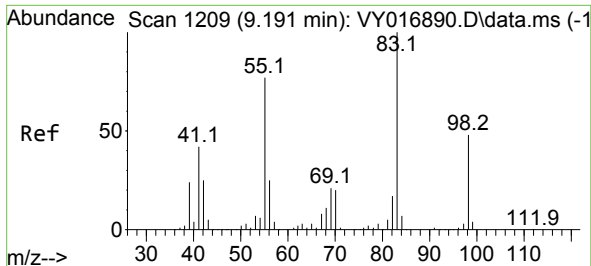
Tgt Ion: 43 Resp: 37103
Ion Ratio Lower Upper
43 100
61 13.0 11.0 16.6
70 9.5 8.1 12.1



#38
Carbon Tetrachloride
Concen: 49.916 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.012 min
Lab File: VY017041.D
Acq: 18 Jan 2024 16:31

Tgt Ion: 117 Resp: 108757
Ion Ratio Lower Upper
117 100
119 96.8 76.0 114.0
121 29.6 24.2 36.2

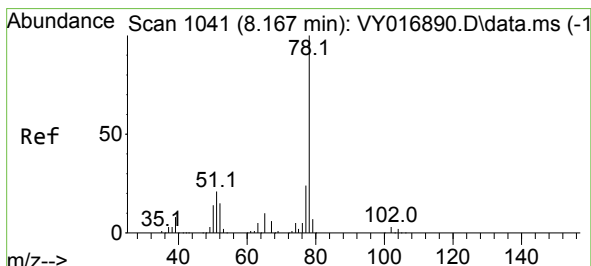
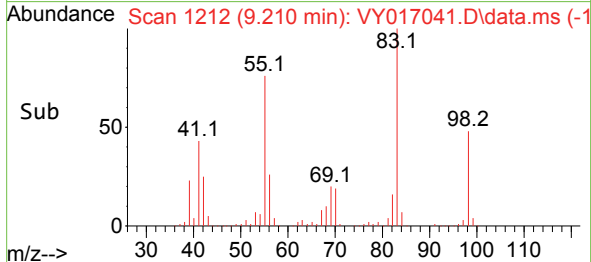
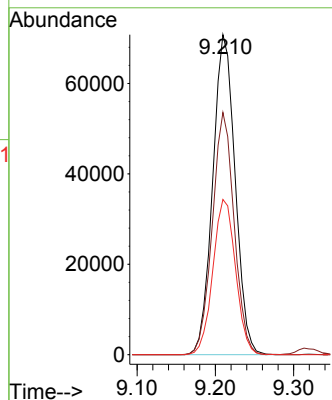
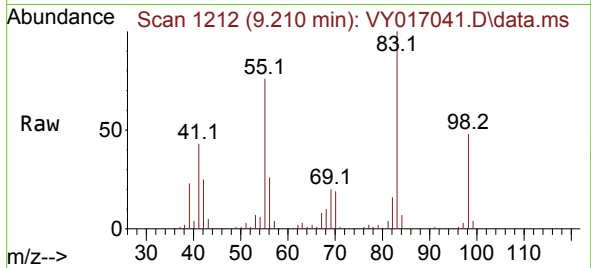




#39
Methylcyclohexane
Concen: 58.418 ug/l
RT: 9.210 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY017041.D
Acq: 18 Jan 2024 16:31

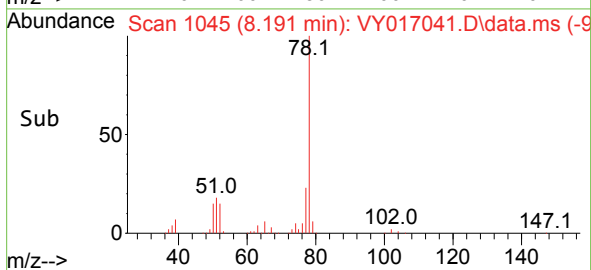
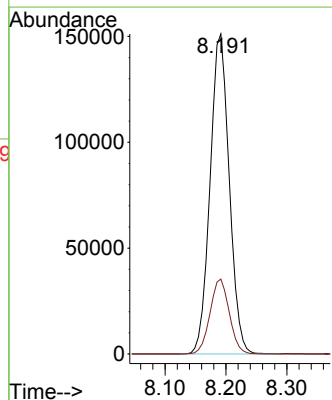
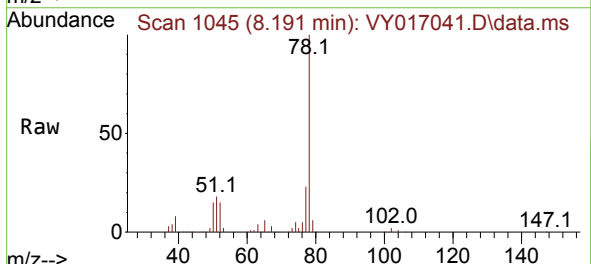
Instrument :
MSVOA_Y
ClientSampleId :

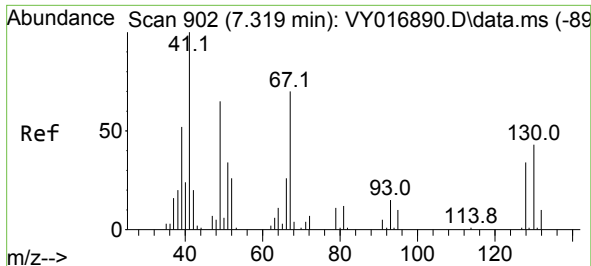
Tgt Ion: 83 Resp: 140836
Ion Ratio Lower Upper
83 100
55 75.7 59.7 89.5
98 48.5 38.0 57.0



#40
Benzene
Concen: 51.293 ug/l
RT: 8.191 min Scan# 1045
Delta R.T. 0.018 min
Lab File: VY017041.D
Acq: 18 Jan 2024 16:31

Tgt Ion: 78 Resp: 329970
Ion Ratio Lower Upper
78 100
77 23.4 18.8 28.2

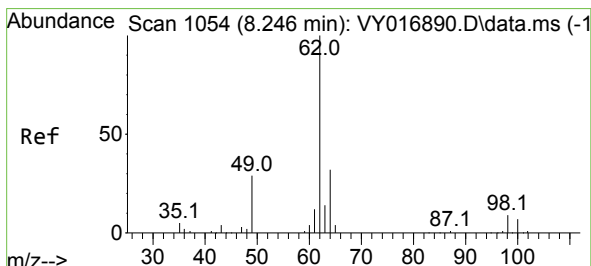
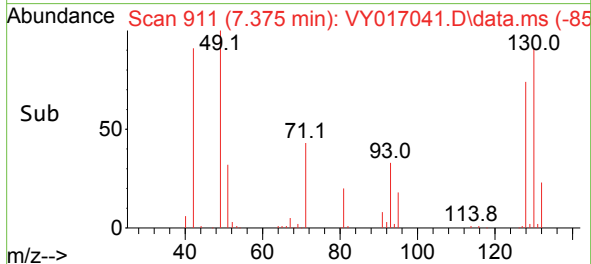
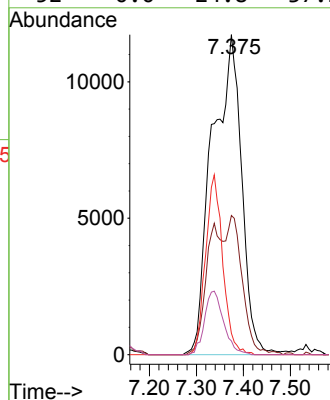
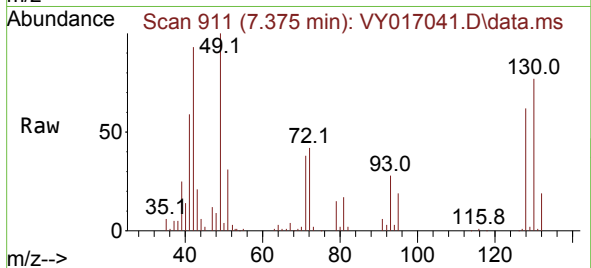




#41
Methacrylonitrile
Concen: 99.201 ug/l
RT: 7.375 min Scan# 911
Delta R.T. 0.056 min
Lab File: VY017041.D
Acq: 18 Jan 2024 16:31

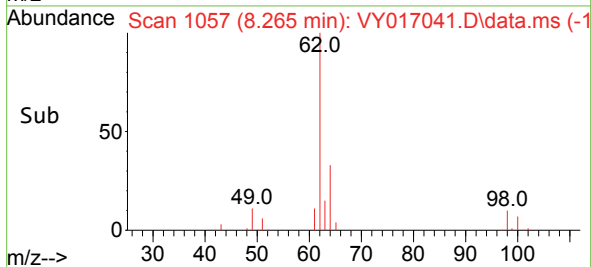
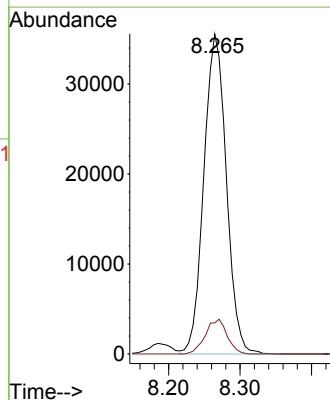
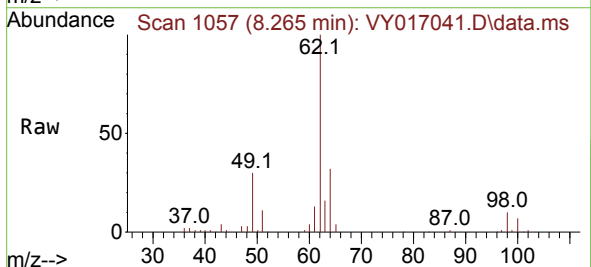
Instrument :
MSVOA_Y
ClientSampleId :

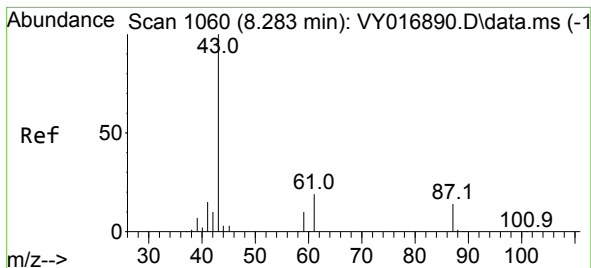
Tgt Ion: 41 Resp: 50916
Ion Ratio Lower Upper
41 100
39 0.0 41.9 62.9#
67 0.0 59.8 89.6#
52 0.0 24.8 37.2#



#42
1,2-Dichloroethane
Concen: 45.520 ug/l
RT: 8.265 min Scan# 1057
Delta R.T. 0.013 min
Lab File: VY017041.D
Acq: 18 Jan 2024 16:31

Tgt Ion: 62 Resp: 77741
Ion Ratio Lower Upper
62 100
98 10.4 0.0 20.2





#43

Isopropyl Acetate

Concen: 37.927 ug/l

RT: 8.301 min Scan# 1107

Delta R.T. 0.018 min

Lab File: VY017041.D

Acq: 18 Jan 2024 16:31

Instrument :

MSVOA_Y

ClientSampleId :

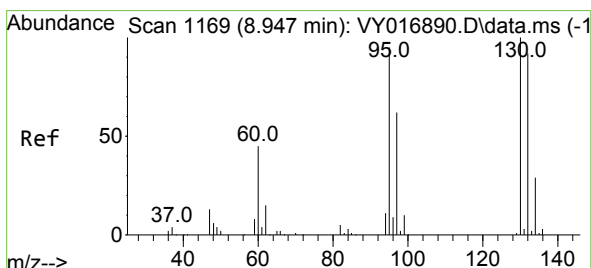
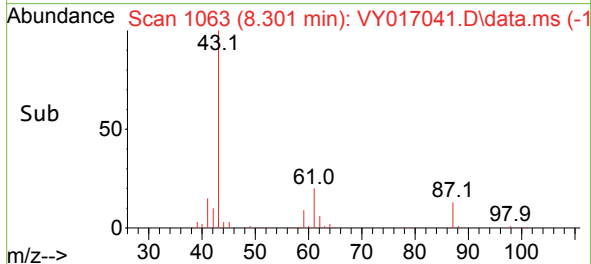
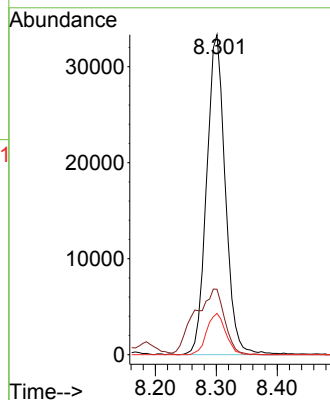
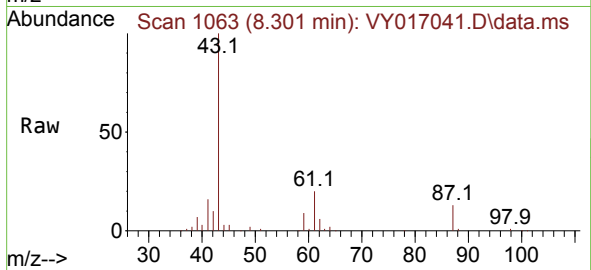
Tgt Ion: 43 Resp: 70782

Ion Ratio Lower Upper

43 100

61 32.6 24.8 37.2

87 13.2 10.7 16.1



#44

Trichloroethene

Concen: 50.557 ug/l

RT: 8.966 min Scan# 1172

Delta R.T. 0.019 min

Lab File: VY017041.D

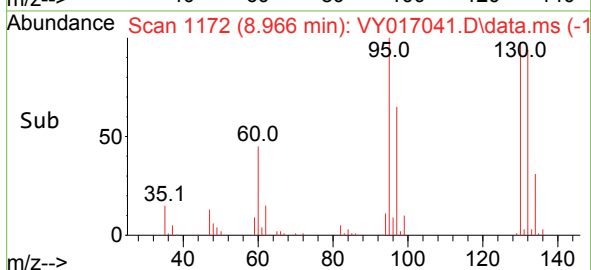
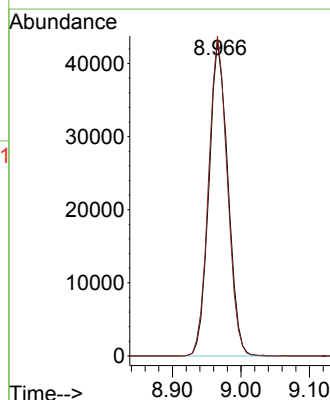
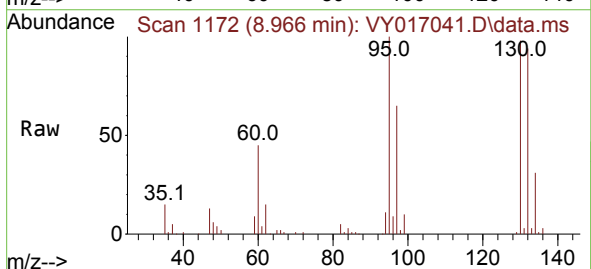
Acq: 18 Jan 2024 16:31

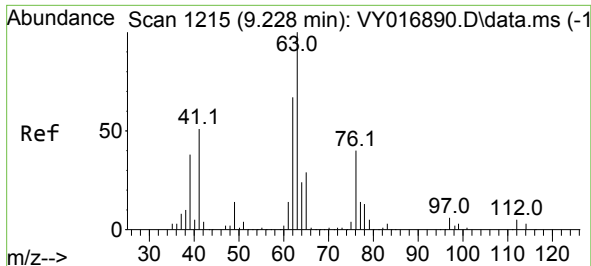
Tgt Ion:130 Resp: 82760

Ion Ratio Lower Upper

130 100

95 101.8 0.0 203.8

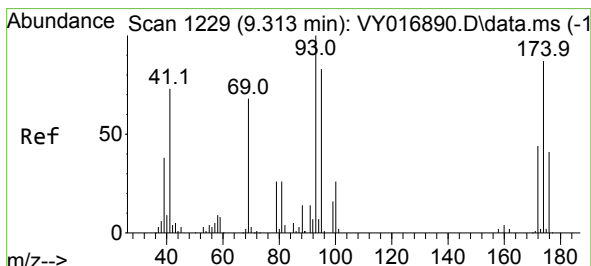
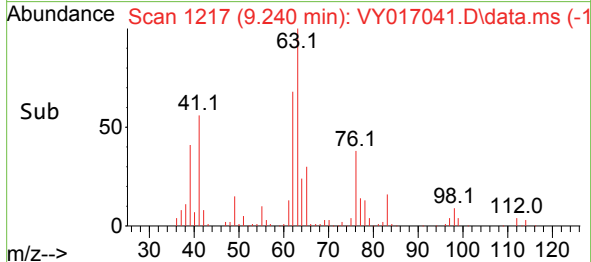
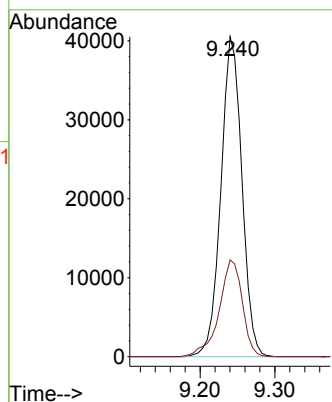
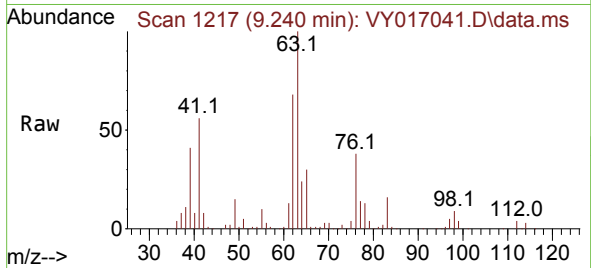




#45
1,2-Dichloropropane
Concen: 47.743 ug/l
RT: 9.240 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017041.D
Acq: 18 Jan 2024 16:31

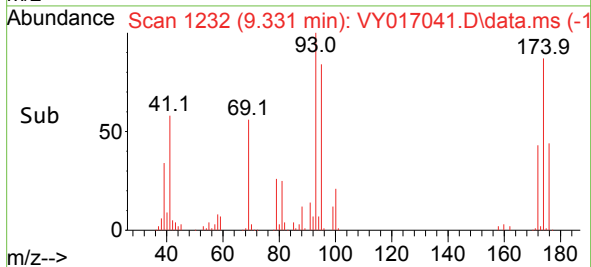
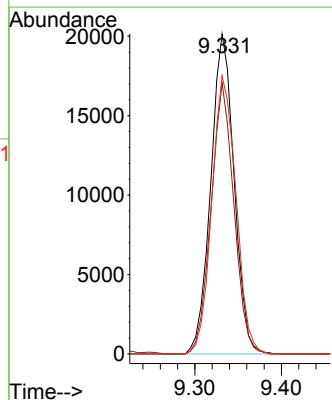
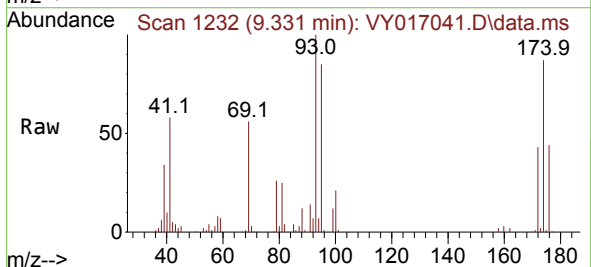
Instrument :
MSVOA_Y
ClientSampleId :

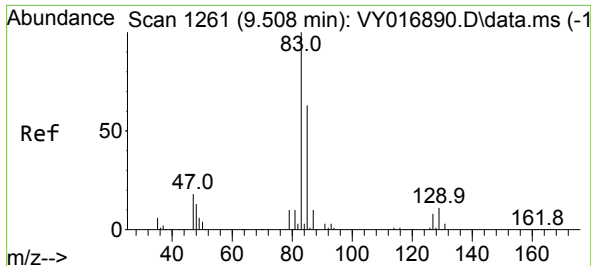
Tgt Ion: 63 Resp: 79126
Ion Ratio Lower Upper
63 100
65 30.3 24.6 36.8



#46
Dibromomethane
Concen: 44.616 ug/l
RT: 9.331 min Scan# 1232
Delta R.T. 0.018 min
Lab File: VY017041.D
Acq: 18 Jan 2024 16:31

Tgt Ion: 93 Resp: 37711
Ion Ratio Lower Upper
93 100
95 82.6 66.6 99.8
174 89.7 73.8 110.6

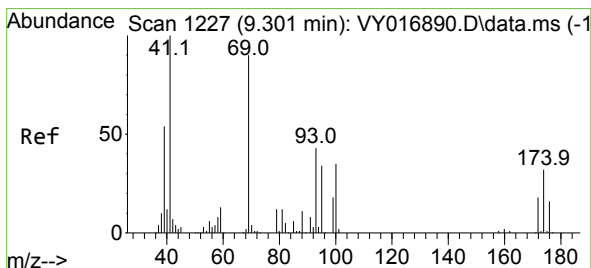
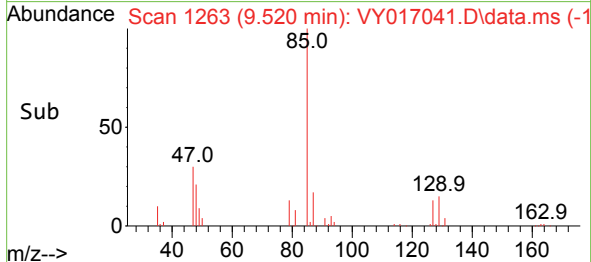
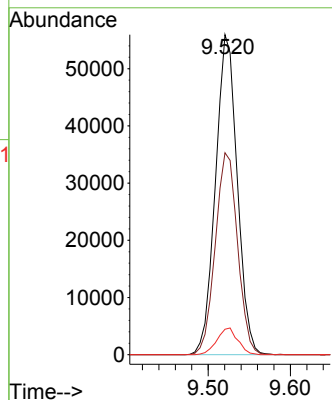
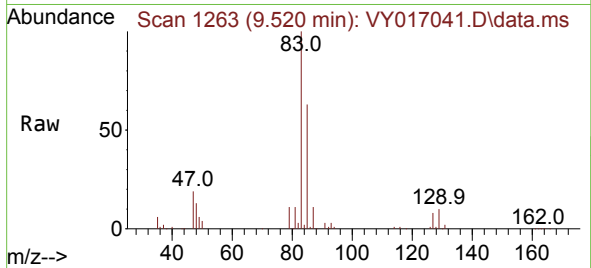




#47
Bromodichloromethane
Concen: 45.341 ug/l
RT: 9.520 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017041.D
Acq: 18 Jan 2024 16:31

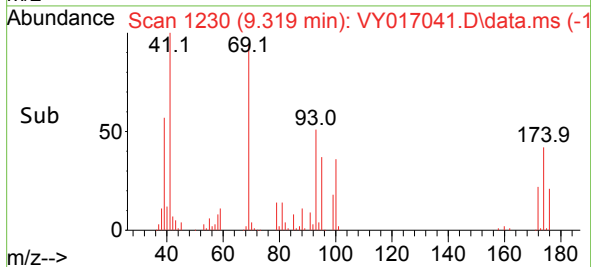
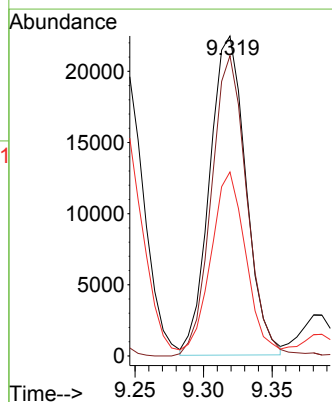
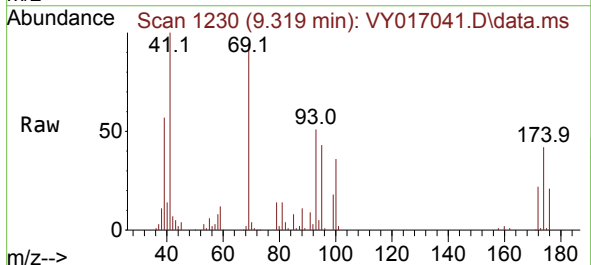
Instrument :
MSVOA_Y
ClientSampleId :

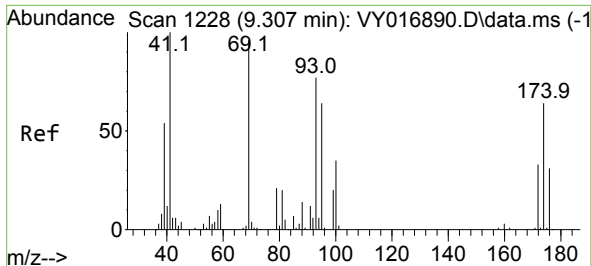
Tgt Ion: 83 Resp: 102911
Ion Ratio Lower Upper
83 100
85 63.1 53.2 79.8
127 8.0 6.4 9.6



#48
Methyl methacrylate
Concen: 41.107 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.018 min
Lab File: VY017041.D
Acq: 18 Jan 2024 16:31

Tgt Ion: 41 Resp: 41402
Ion Ratio Lower Upper
41 100
69 91.9 72.1 108.1
39 52.2 42.8 64.2





#49

1,4-Dioxane

Concen: 742.935 ug/l

RT: 9.325 min Scan# 1228

Delta R.T. 0.012 min

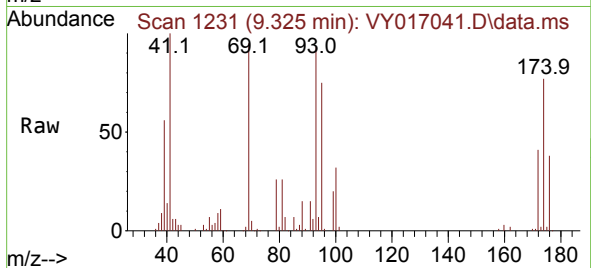
Lab File: VY017041.D

Acq: 18 Jan 2024 16:31

Instrument :

MSVOA_Y

ClientSampleId :



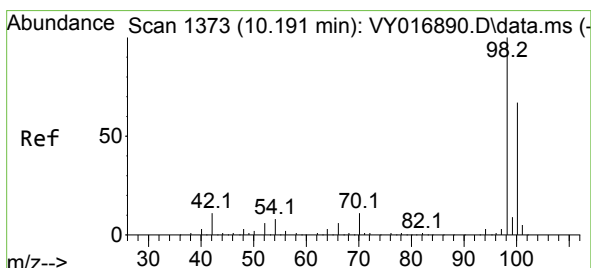
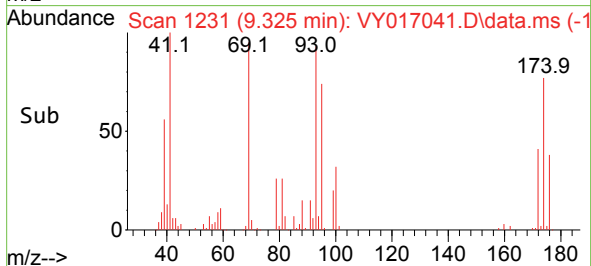
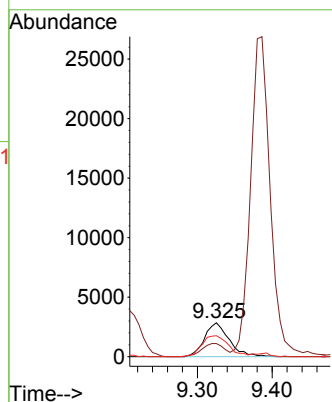
Tgt Ion: 88 Resp: 6502

Ion Ratio Lower Upper

88 100

43 35.7 28.2 42.4

58 67.8 52.2 78.2



#50

Toluene-d8

Concen: 47.734 ug/l

RT: 10.203 min Scan# 1375

Delta R.T. 0.012 min

Lab File: VY017041.D

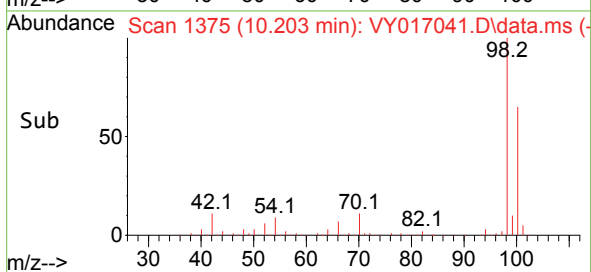
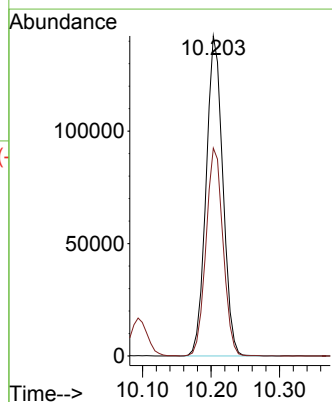
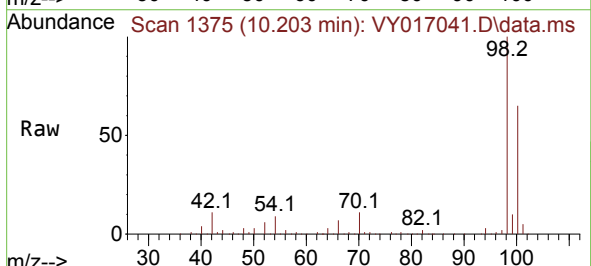
Acq: 18 Jan 2024 16:31

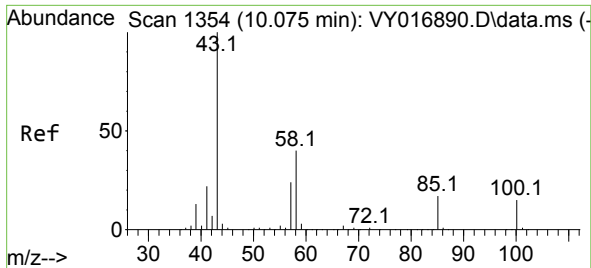
Tgt Ion: 98 Resp: 241876

Ion Ratio Lower Upper

98 100

100 66.1 52.3 78.5

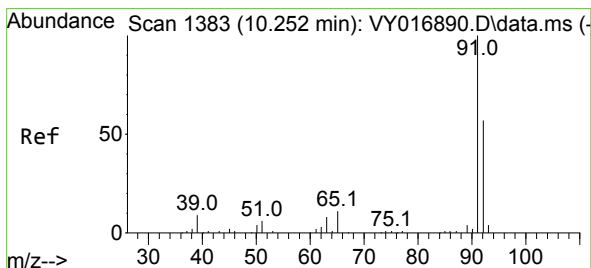
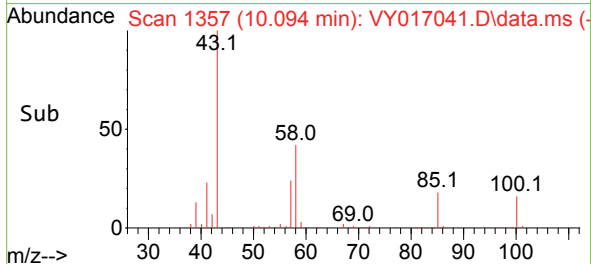
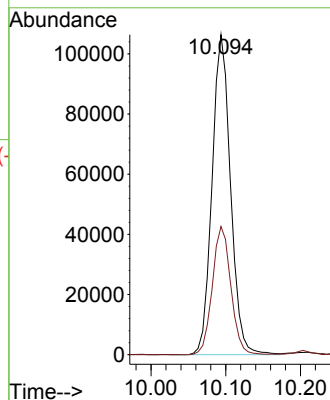
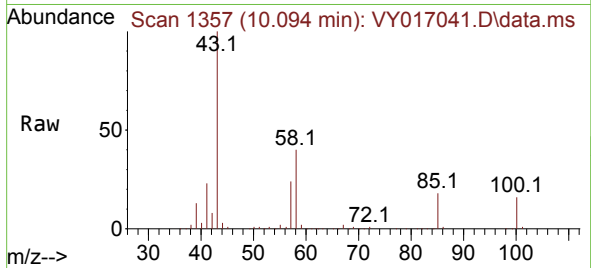




#51
4-Methyl-2-Pentanone
Concen: 184.079 ug/l
RT: 10.094 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY017041.D
Acq: 18 Jan 2024 16:31

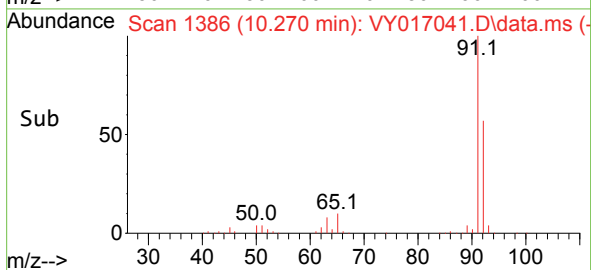
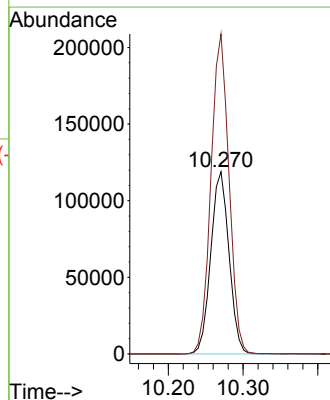
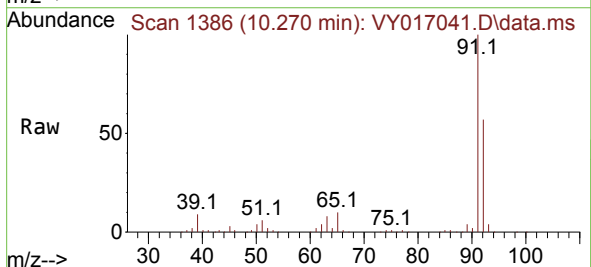
Instrument :
MSVOA_Y
ClientSampleId :

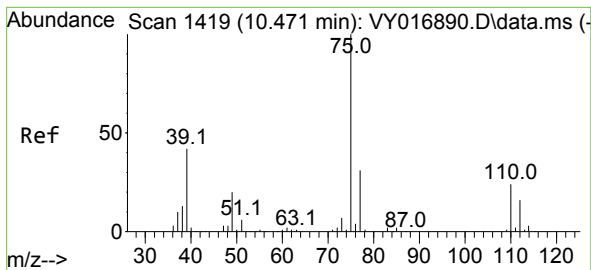
Tgt Ion: 43 Resp: 182700
Ion Ratio Lower Upper
43 100
58 40.1 32.2 48.2



#52
Toluene
Concen: 51.885 ug/l
RT: 10.270 min Scan# 1386
Delta R.T. 0.018 min
Lab File: VY017041.D
Acq: 18 Jan 2024 16:31

Tgt Ion: 92 Resp: 201439
Ion Ratio Lower Upper
92 100
91 173.8 137.6 206.4

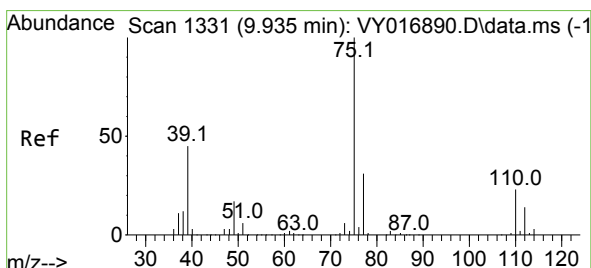
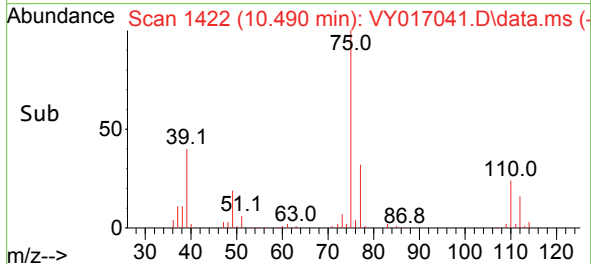
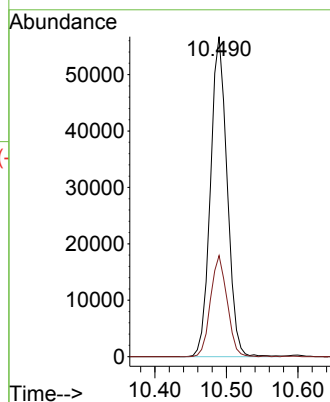
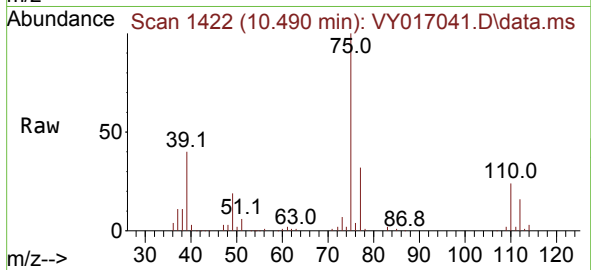




#53
 t-1,3-Dichloropropene
 Concen: 45.203 ug/l
 RT: 10.490 min Scan# 1419
 Delta R.T. 0.019 min
 Lab File: VY017041.D
 Acq: 18 Jan 2024 16:31

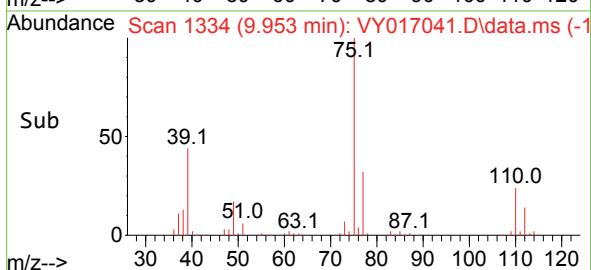
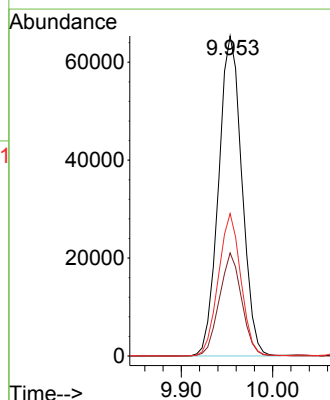
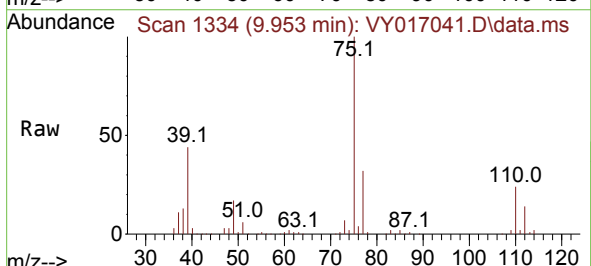
Instrument :
 MSVOA_Y
 ClientSampleId :

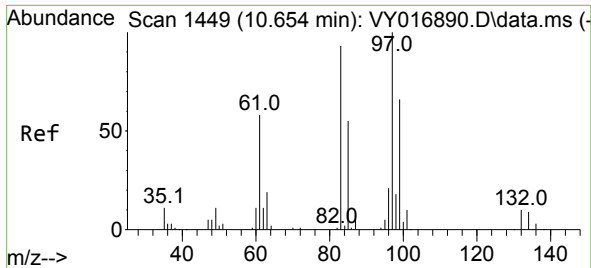
Tgt Ion: 75 Resp: 91901
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 47.487 ug/l
 RT: 9.953 min Scan# 1334
 Delta R.T. 0.012 min
 Lab File: VY017041.D
 Acq: 18 Jan 2024 16:31

Tgt Ion: 75 Resp: 115943
 Ion Ratio Lower Upper
 75 100
 77 32.2 24.6 36.8
 39 44.5 33.6 50.4

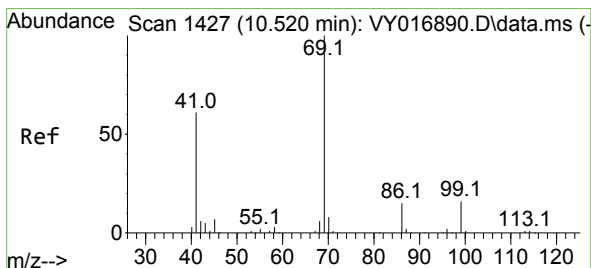
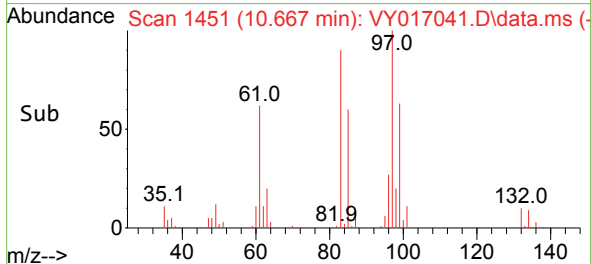
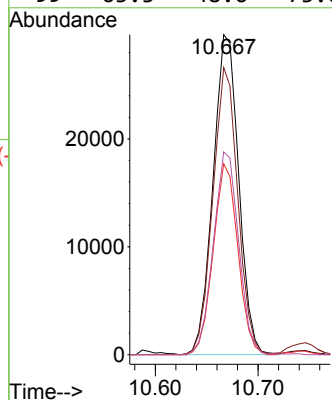
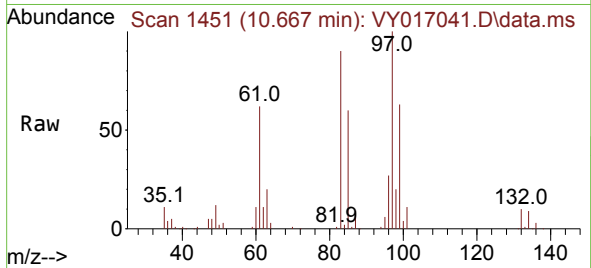




#55
1,1,2-Trichloroethane
Concen: 41.714 ug/l
RT: 10.667 min Scan# 1449
Delta R.T. 0.013 min
Lab File: VY017041.D
Acq: 18 Jan 2024 16:31

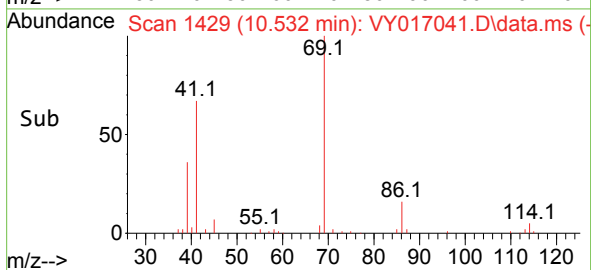
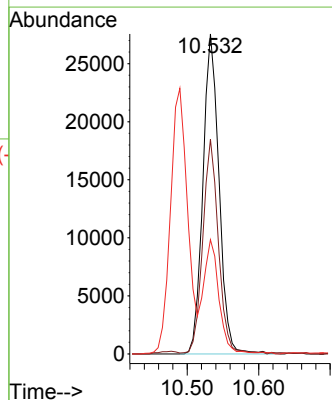
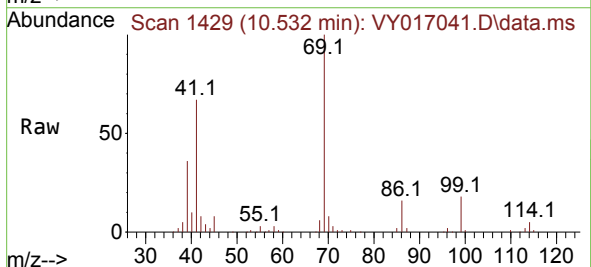
Instrument :
MSVOA_Y
ClientSampleId :

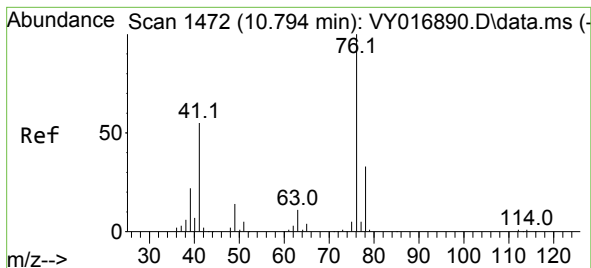
Tgt Ion: 97	Resp: 51510
Ion Ratio	Lower Upper
97 100	
83 89.7	69.4 104.2
85 59.7	43.9 65.9
99 63.3	48.6 73.0



#56
Ethyl methacrylate
Concen: 41.230 ug/l
RT: 10.532 min Scan# 1429
Delta R.T. 0.012 min
Lab File: VY017041.D
Acq: 18 Jan 2024 16:31

Tgt Ion: 69	Resp: 43123
Ion Ratio	Lower Upper
69 100	
41 65.5	49.2 73.8
39 33.0	26.8 40.2





#57

1,3-Dichloropropane

Concen: 43.229 ug/l

RT: 10.813 min Scan# 1472

Delta R.T. 0.013 min

Lab File: VY017041.D

Acq: 18 Jan 2024 16:31

Instrument :

MSVOA_Y

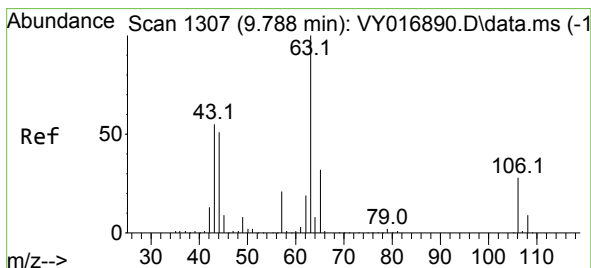
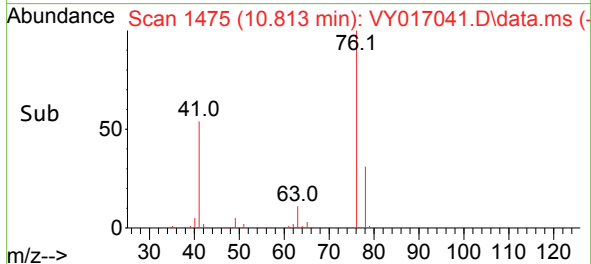
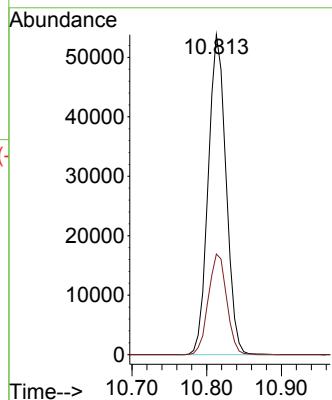
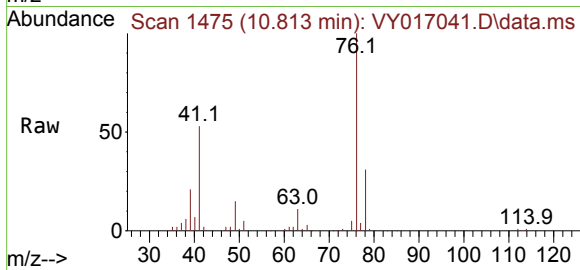
ClientSampleId :

Tgt Ion: 76 Resp: 89123

Ion Ratio Lower Upper

76 100

78 32.4 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 197.253 ug/l

RT: 9.807 min Scan# 1310

Delta R.T. 0.019 min

Lab File: VY017041.D

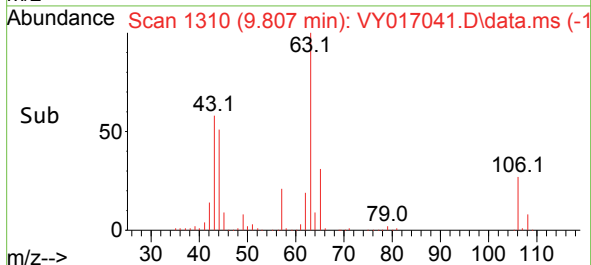
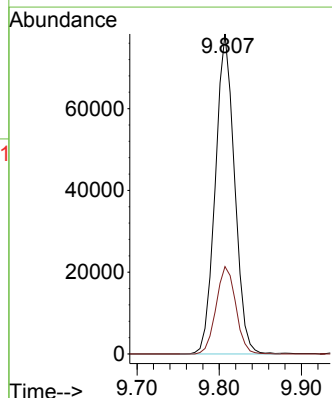
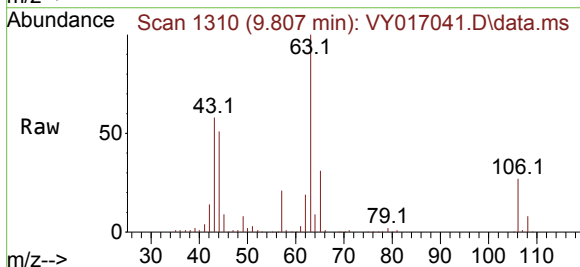
Acq: 18 Jan 2024 16:31

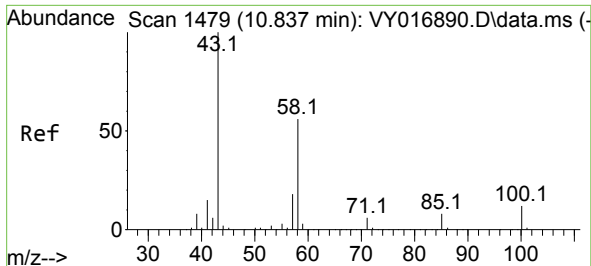
Tgt Ion: 63 Resp: 127218

Ion Ratio Lower Upper

63 100

106 27.9 22.4 33.6

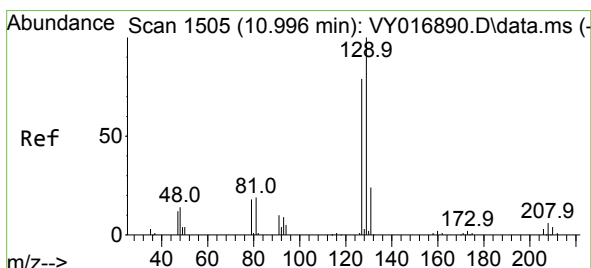
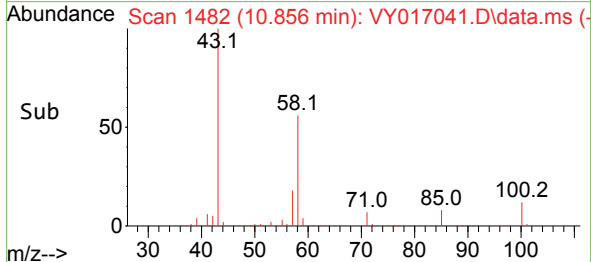
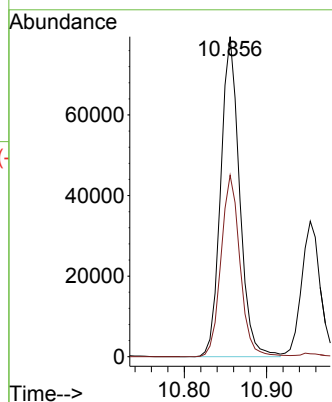
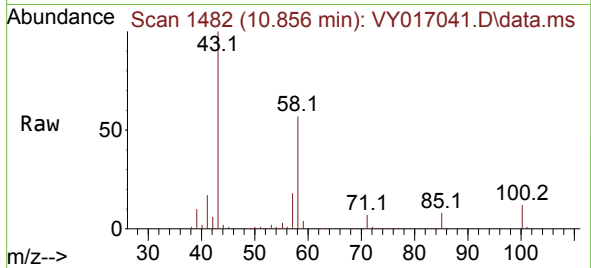




#59
2-Hexanone
Concen: 173.455 ug/l
RT: 10.856 min Scan# 1479
Delta R.T. 0.013 min
Lab File: VY017041.D
Acq: 18 Jan 2024 16:31

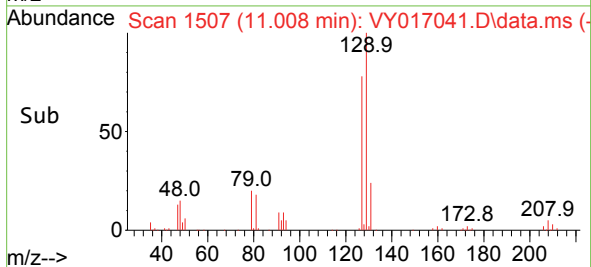
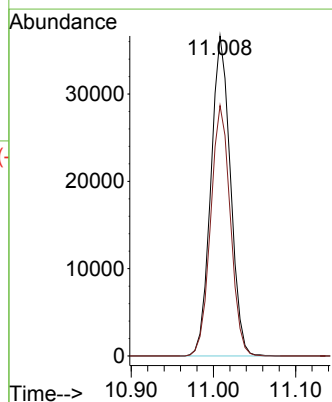
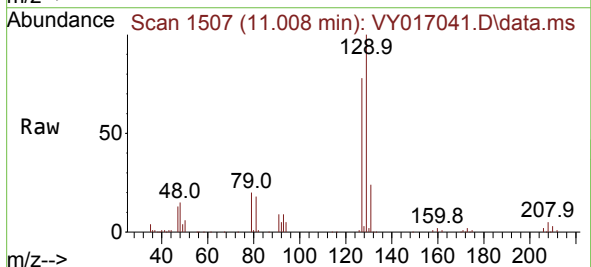
Instrument :
MSVOA_Y
ClientSampleId :

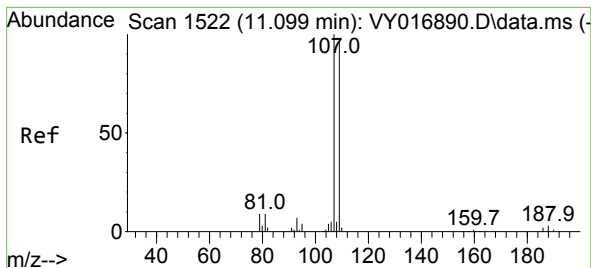
Tgt Ion: 43 Resp: 126763
Ion Ratio Lower Upper
43 100
58 57.1 28.1 84.3



#60
Dibromochloromethane
Concen: 42.582 ug/l
RT: 11.008 min Scan# 1507
Delta R.T. 0.012 min
Lab File: VY017041.D
Acq: 18 Jan 2024 16:31

Tgt Ion: 129 Resp: 60638
Ion Ratio Lower Upper
129 100
127 78.6 39.2 117.6

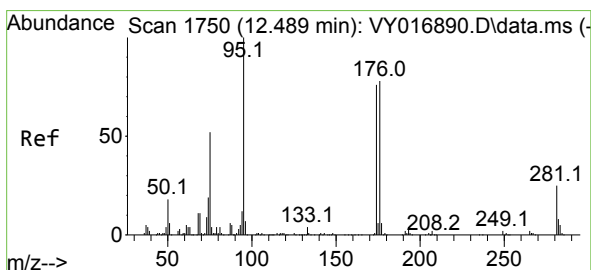
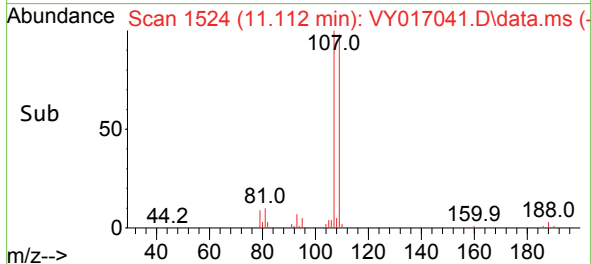
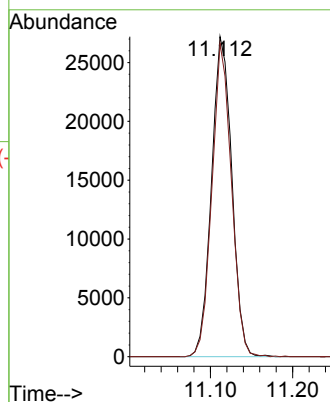
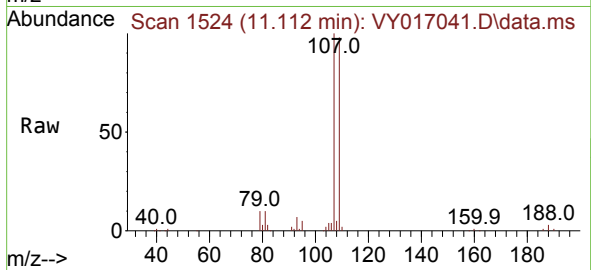




#61
1,2-Dibromoethane
Concen: 43.453 ug/l
RT: 11.112 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY017041.D
Acq: 18 Jan 2024 16:31

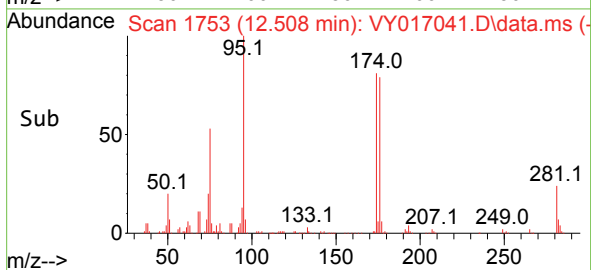
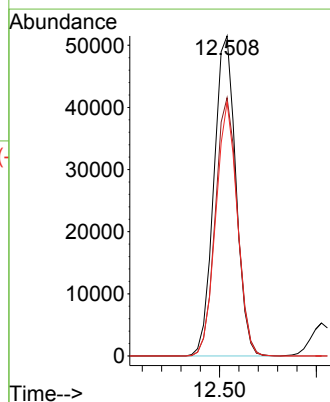
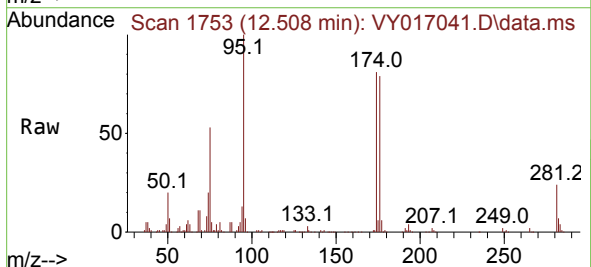
Instrument :
MSVOA_Y
ClientSampleId :

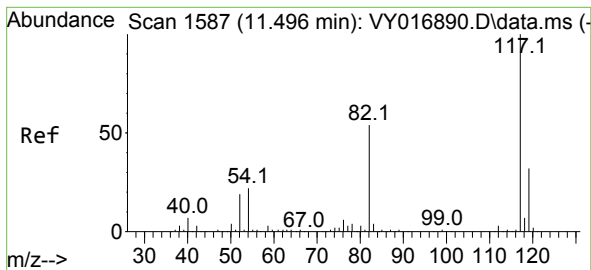
Tgt Ion:107 Resp: 46619
Ion Ratio Lower Upper
107 100
109 94.1 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 47.436 ug/l
RT: 12.508 min Scan# 1753
Delta R.T. 0.019 min
Lab File: VY017041.D
Acq: 18 Jan 2024 16:31

Tgt Ion: 95 Resp: 81096
Ion Ratio Lower Upper
95 100
174 81.0 0.0 160.0
176 77.6 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017041.D

Acq: 18 Jan 2024 16:31

Instrument :

MSVOA_Y

ClientSampleId :

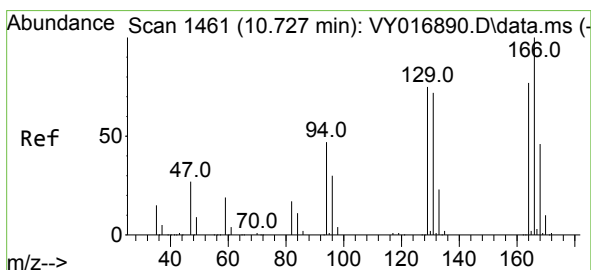
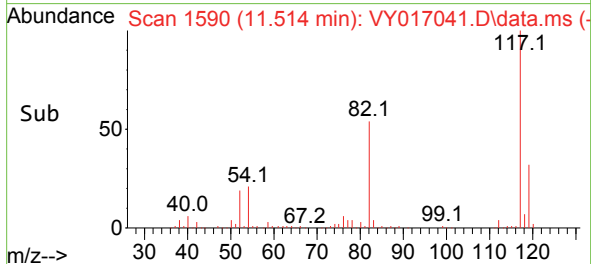
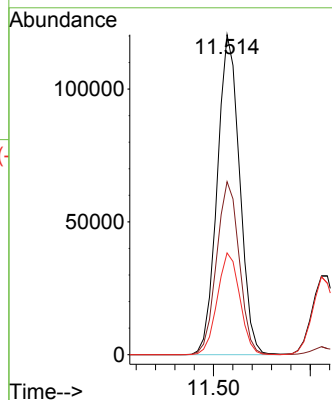
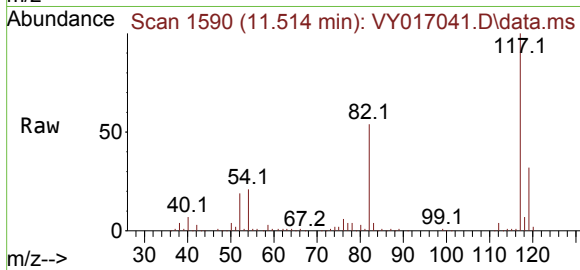
Tgt Ion:117 Resp: 193545

Ion Ratio Lower Upper

117 100

82 54.1 43.8 65.8

119 31.8 26.5 39.7



#64

Tetrachloroethene

Concen: 52.318 ug/l

RT: 10.746 min Scan# 1464

Delta R.T. 0.019 min

Lab File: VY017041.D

Acq: 18 Jan 2024 16:31

Tgt Ion:164 Resp: 65648

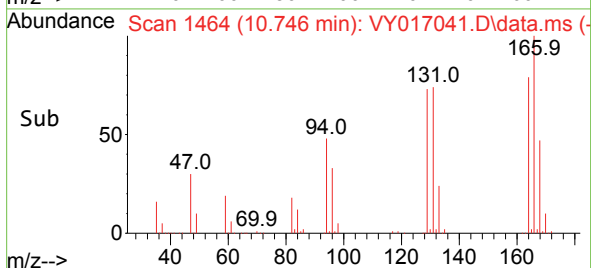
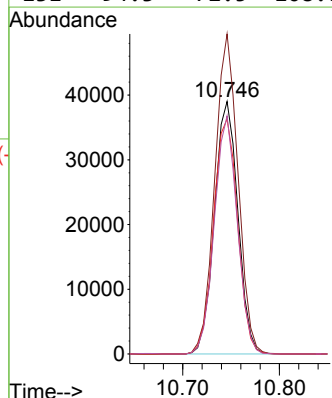
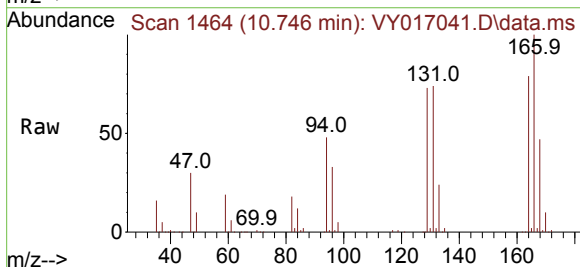
Ion Ratio Lower Upper

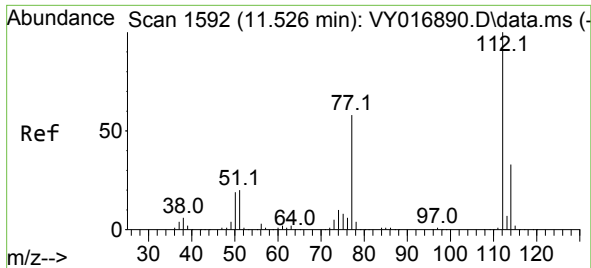
164 100

166 126.8 98.8 148.2

129 93.1 78.9 118.3

131 94.3 72.5 108.7

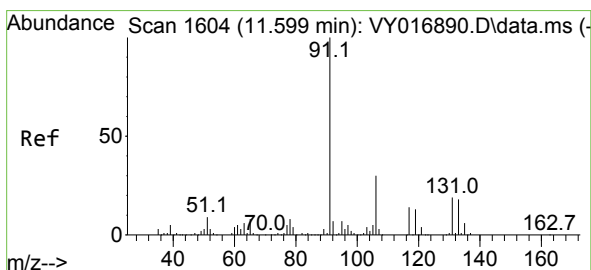
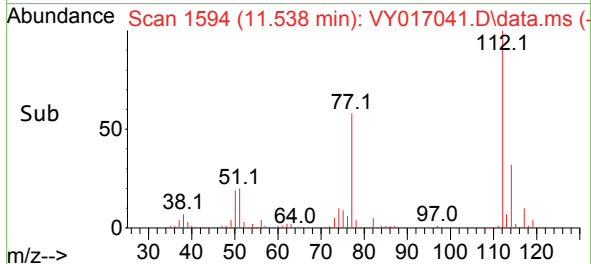
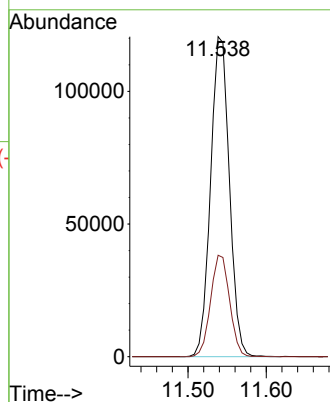
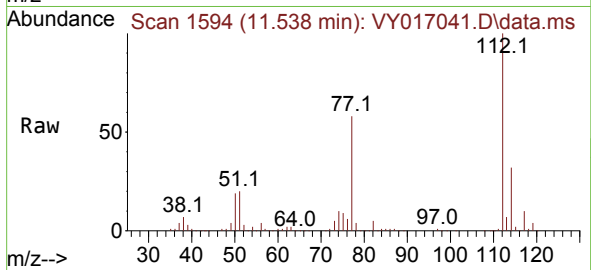




#65
Chlorobenzene
Concen: 49.806 ug/l
RT: 11.538 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017041.D
Acq: 18 Jan 2024 16:31

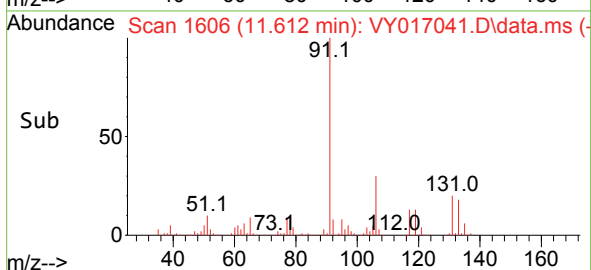
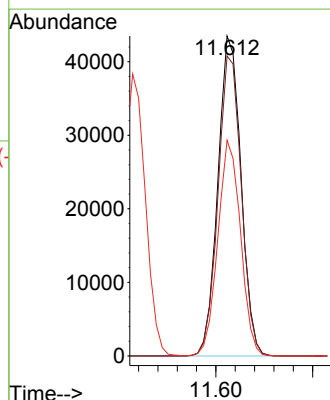
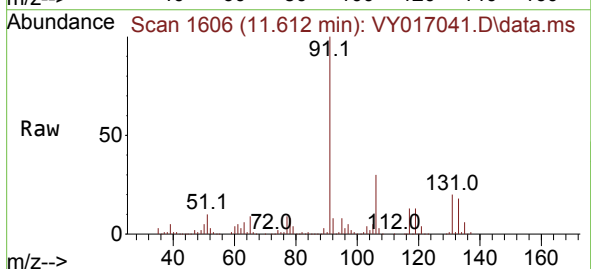
Instrument :
MSVOA_Y
ClientSampleId :

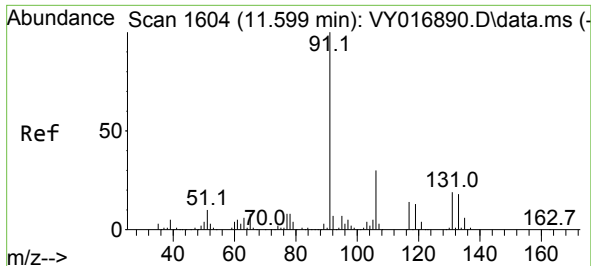
Tgt Ion:112 Resp: 200812
Ion Ratio Lower Upper
112 100
114 31.7 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 46.917 ug/l
RT: 11.612 min Scan# 1606
Delta R.T. 0.013 min
Lab File: VY017041.D
Acq: 18 Jan 2024 16:31

Tgt Ion:131 Resp: 71909
Ion Ratio Lower Upper
131 100
133 94.5 47.0 141.0
119 66.5 33.3 99.9





#67

Ethyl Benzene

Concen: 53.423 ug/l

RT: 11.618 min Scan# 1

Delta R.T. 0.019 min

Lab File: VY017041.D

Acq: 18 Jan 2024 16:31

Instrument :

MSVOA_Y

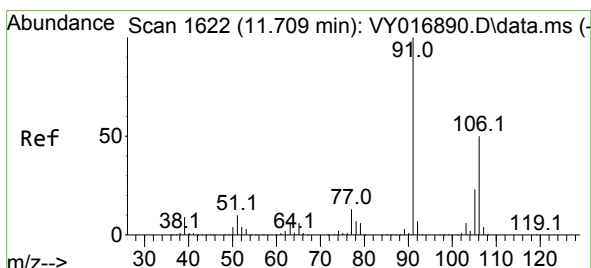
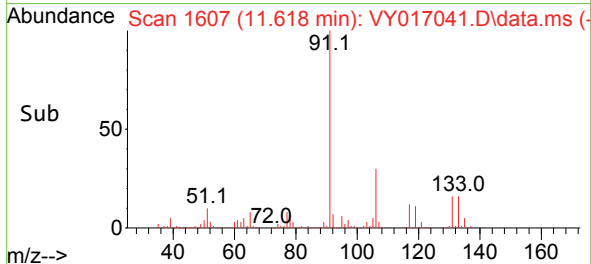
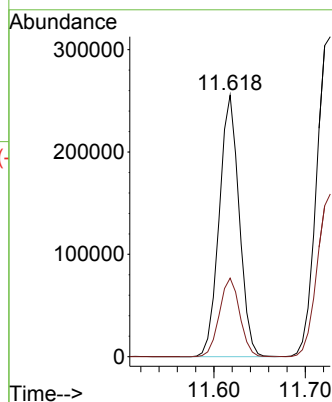
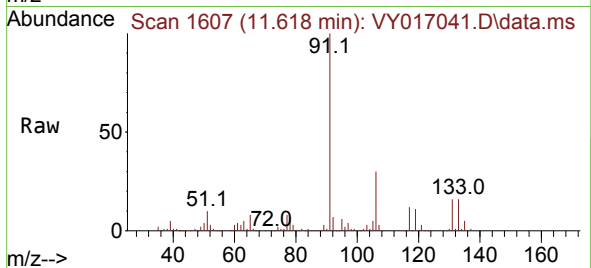
ClientSampleId :

Tgt Ion: 91 Resp: 387783

Ion Ratio Lower Upper

91 100

106 30.1 25.0 37.4



#68

m/p-Xylenes

Concen: 107.777 ug/l

RT: 11.727 min Scan# 1625

Delta R.T. 0.018 min

Lab File: VY017041.D

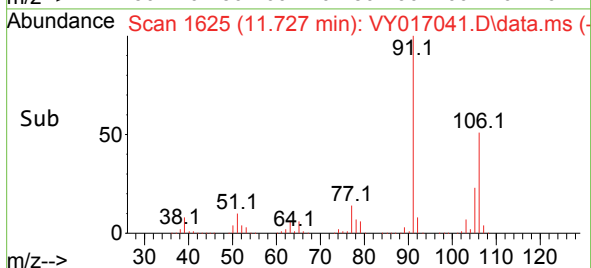
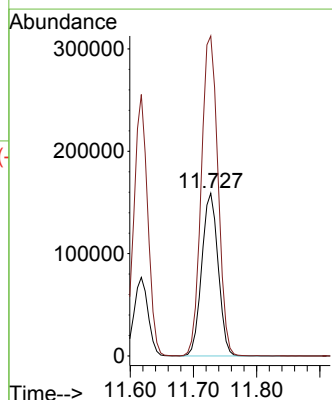
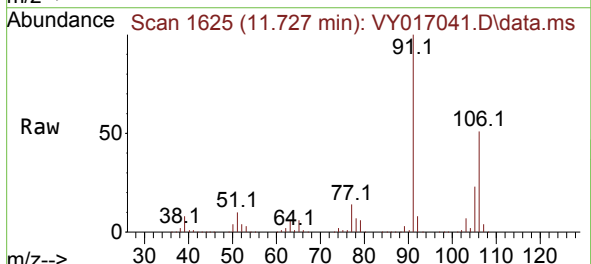
Acq: 18 Jan 2024 16:31

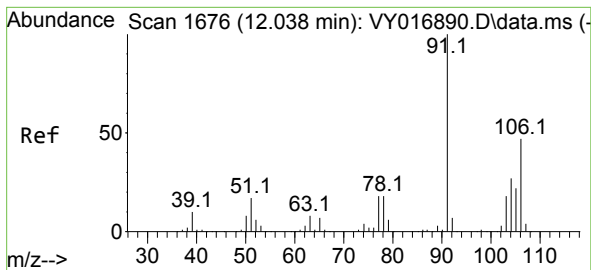
Tgt Ion:106 Resp: 287163

Ion Ratio Lower Upper

106 100

91 200.3 160.7 241.1

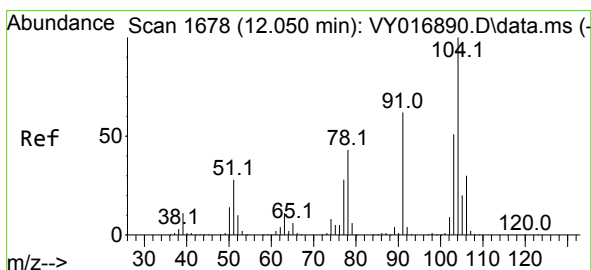
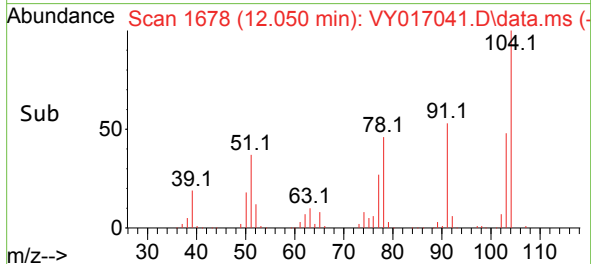
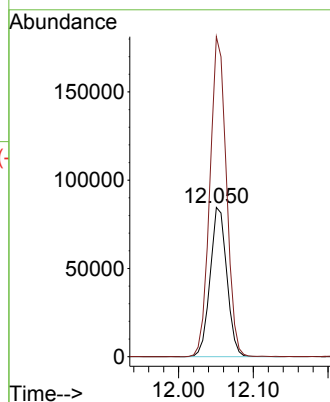
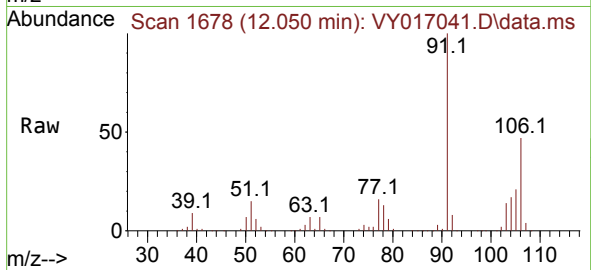




#69
o-Xylene
Concen: 52.494 ug/l
RT: 12.050 min Scan# 1681
Delta R.T. 0.012 min
Lab File: VY017041.D
Acq: 18 Jan 2024 16:31

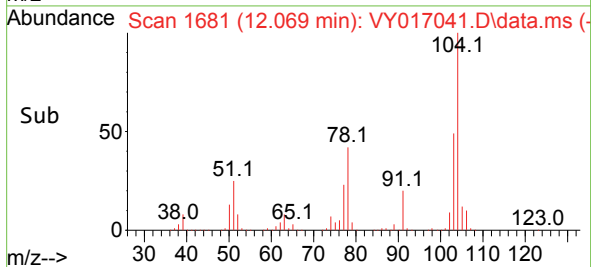
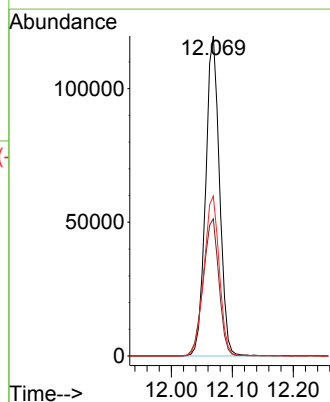
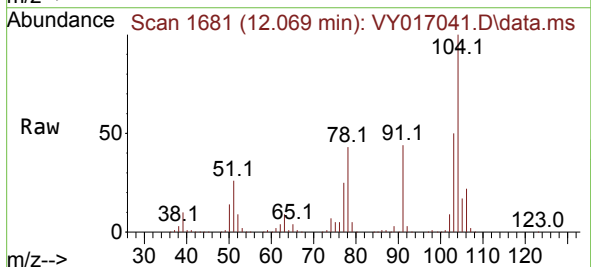
Instrument :
MSVOA_Y
ClientSampleId :

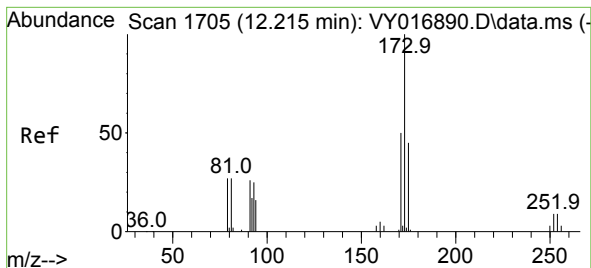
Tgt Ion:106 Resp: 131120
Ion Ratio Lower Upper
106 100
91 212.1 106.5 319.5



#70
Styrene
Concen: 52.192 ug/l
RT: 12.069 min Scan# 1681
Delta R.T. 0.019 min
Lab File: VY017041.D
Acq: 18 Jan 2024 16:31

Tgt Ion:104 Resp: 189738
Ion Ratio Lower Upper
104 100
78 48.7 39.2 58.8
103 55.3 43.8 65.6





#71

Bromoform

Concen: 42.193 ug/l

RT: 12.233 min Scan# 1

Delta R.T. 0.018 min

Lab File: VY017041.D

Acq: 18 Jan 2024 16:31

Instrument :

MSVOA_Y

ClientSampleId :

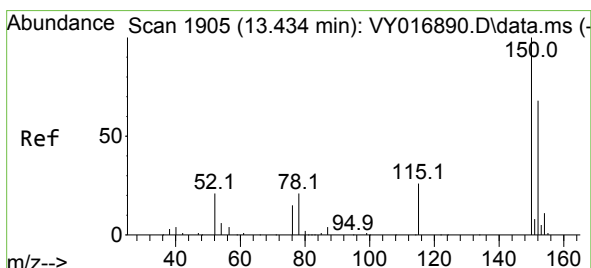
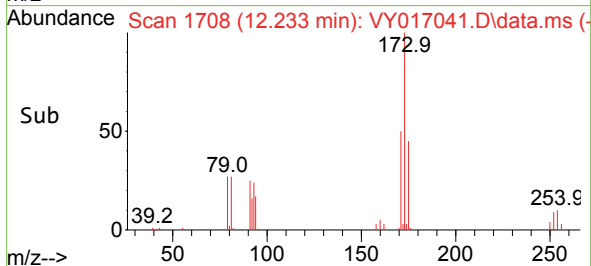
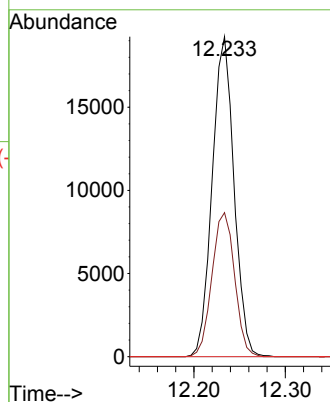
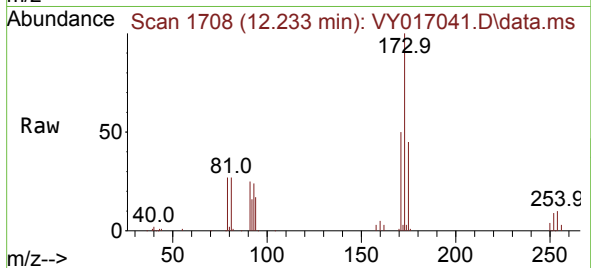
Tgt Ion:173 Resp: 31836

Ion Ratio Lower Upper

173 100

175 46.8 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.019 min

Lab File: VY017041.D

Acq: 18 Jan 2024 16:31

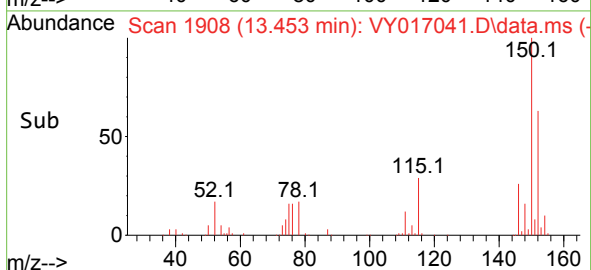
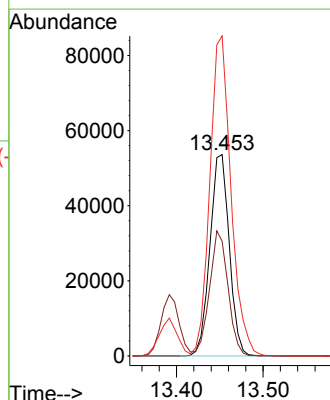
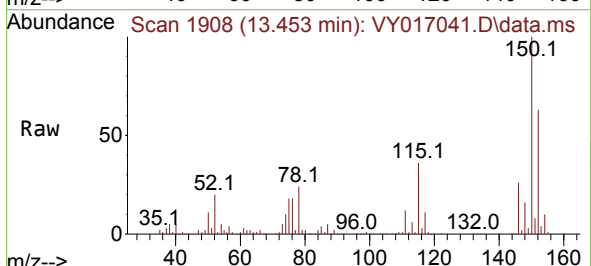
Tgt Ion:152 Resp: 83081

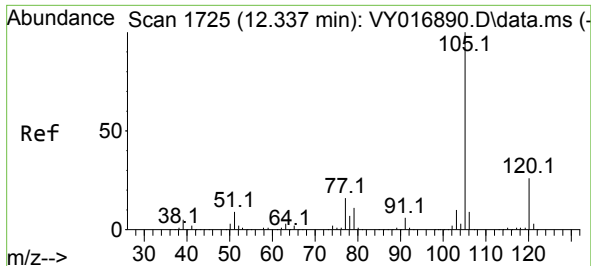
Ion Ratio Lower Upper

152 100

115 59.5 30.0 90.0

150 173.9 0.0 344.6

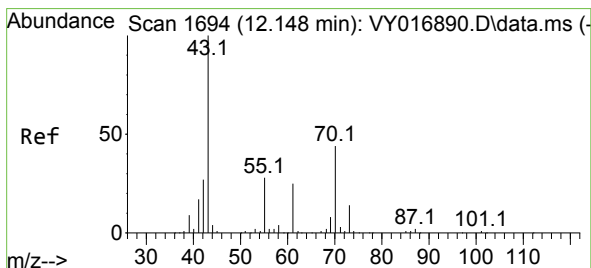
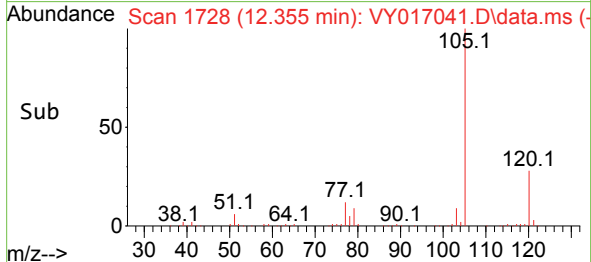
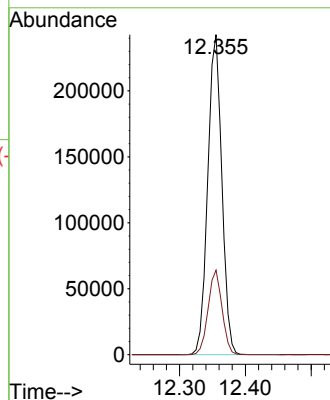
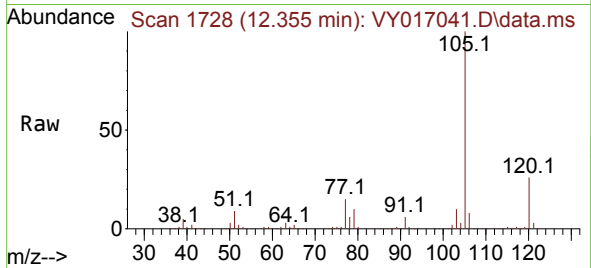




#73
Isopropylbenzene
Concen: 53.211 ug/l
RT: 12.355 min Scan# 1728
Delta R.T. 0.018 min
Lab File: VY017041.D
Acq: 18 Jan 2024 16:31

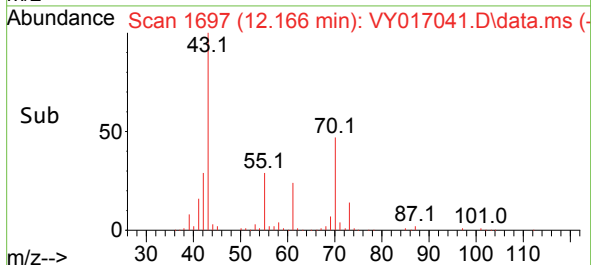
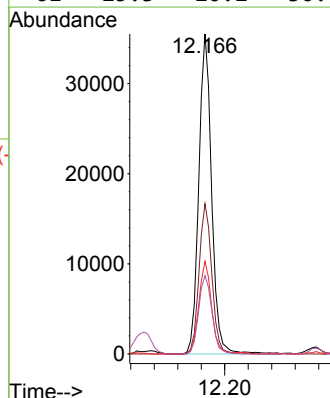
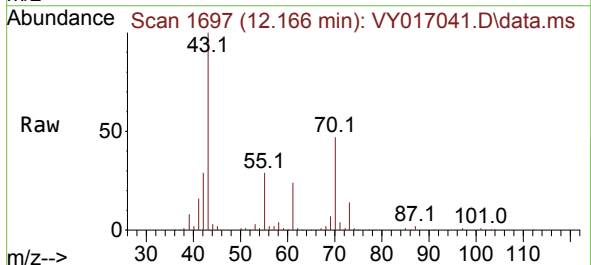
Instrument :
MSVOA_Y
ClientSampleId :

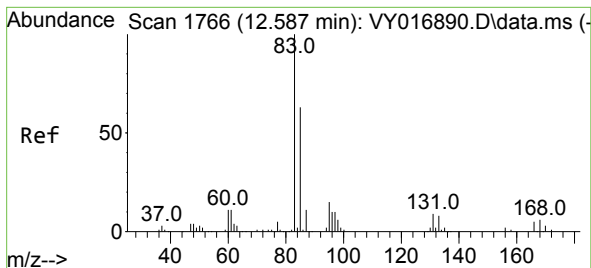
Tgt Ion:105 Resp: 361010
Ion Ratio Lower Upper
105 100
120 26.1 13.0 39.0



#74
N-ethyl acetate
Concen: 39.396 ug/l
RT: 12.166 min Scan# 1697
Delta R.T. 0.012 min
Lab File: VY017041.D
Acq: 18 Jan 2024 16:31

Tgt Ion: 43 Resp: 53700
Ion Ratio Lower Upper
43 100
70 46.5 36.6 55.0
55 28.8 22.2 33.4
61 25.3 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 38.888 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.012 min

Lab File: VY017041.D

Acq: 18 Jan 2024 16:31

Instrument :

MSVOA_Y

ClientSampleId :

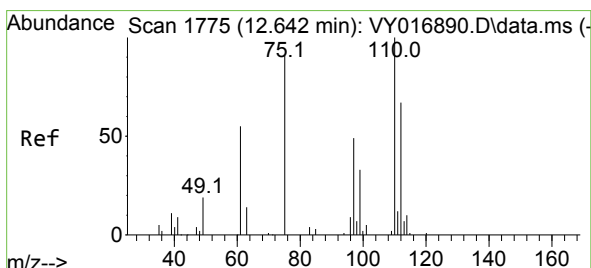
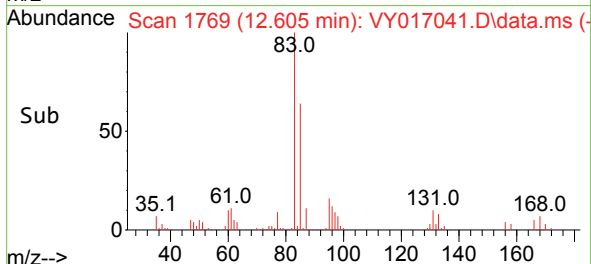
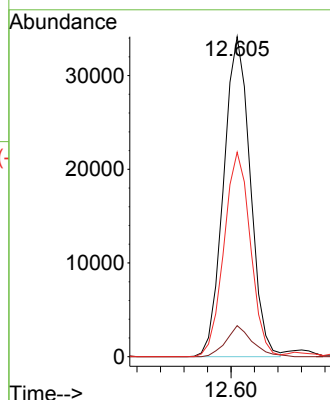
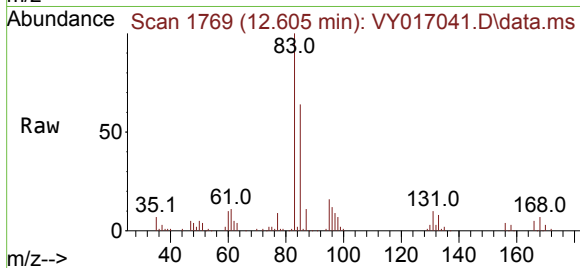
Tgt Ion: 83 Resp: 53757

Ion Ratio Lower Upper

83 100

131 9.5 4.9 14.6

85 63.6 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 72.705 ug/l

RT: 12.654 min Scan# 1777

Delta R.T. 0.012 min

Lab File: VY017041.D

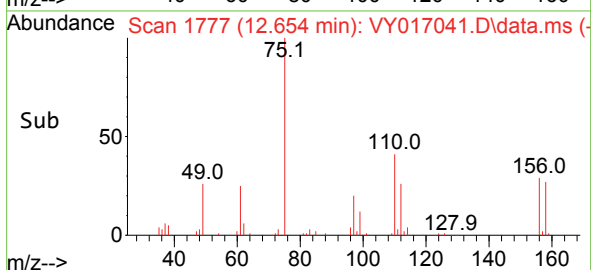
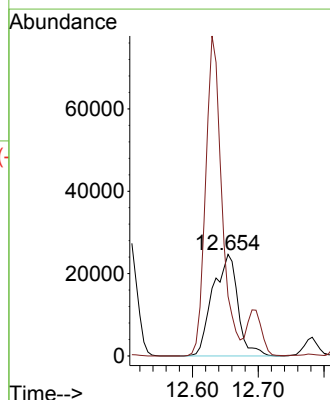
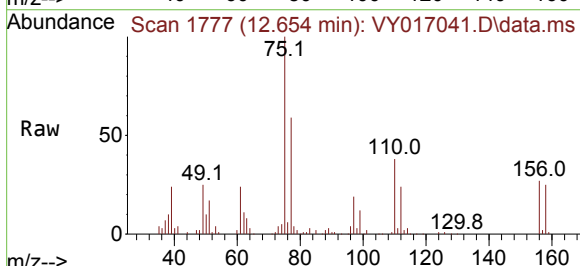
Acq: 18 Jan 2024 16:31

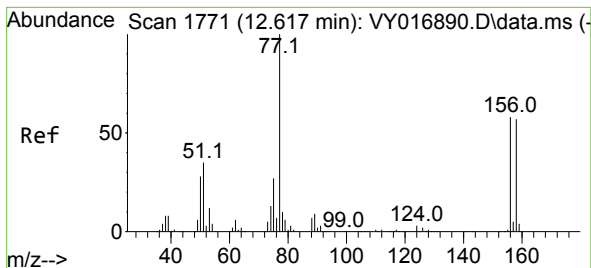
Tgt Ion: 75 Resp: 65549

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.087 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.019 min

Lab File: VY017041.D

Acq: 18 Jan 2024 16:31

Instrument :

MSVOA_Y

ClientSampleId :

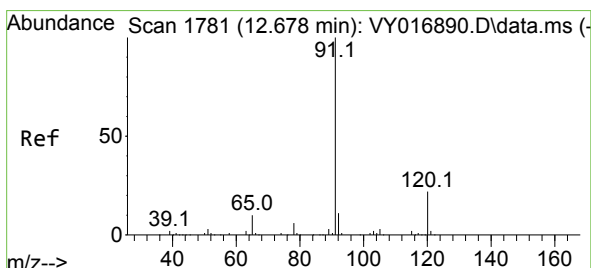
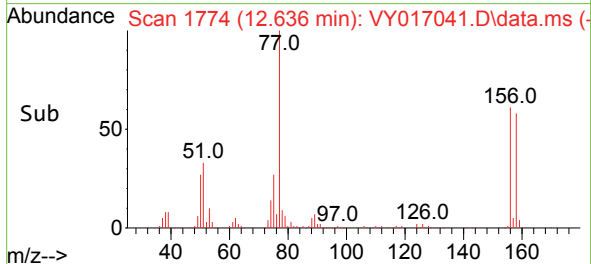
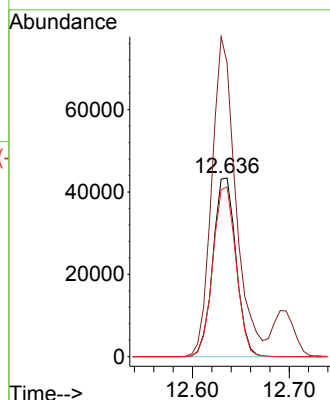
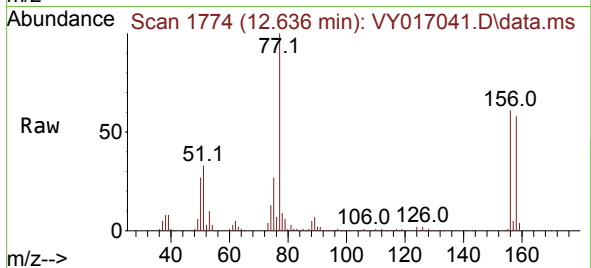
Tgt Ion:156 Resp: 71829

Ion Ratio Lower Upper

156 100

77 185.7 97.3 291.8

158 95.3 48.4 145.0



#78

n-propylbenzene

Concen: 53.527 ug/l

RT: 12.697 min Scan# 1784

Delta R.T. 0.019 min

Lab File: VY017041.D

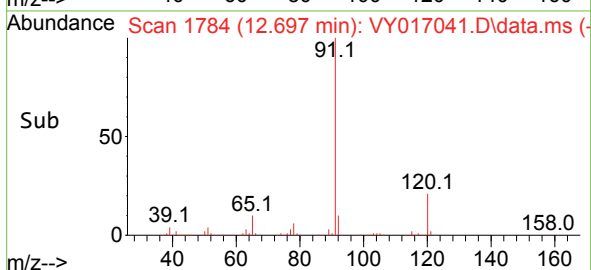
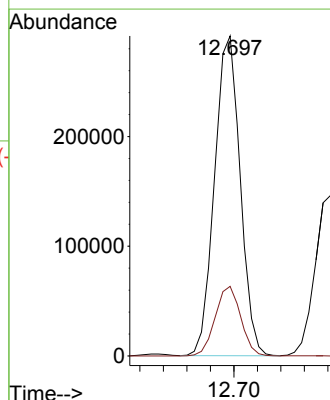
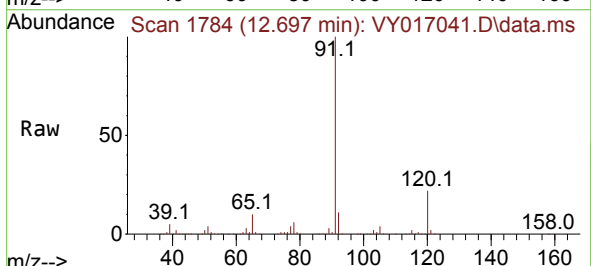
Acq: 18 Jan 2024 16:31

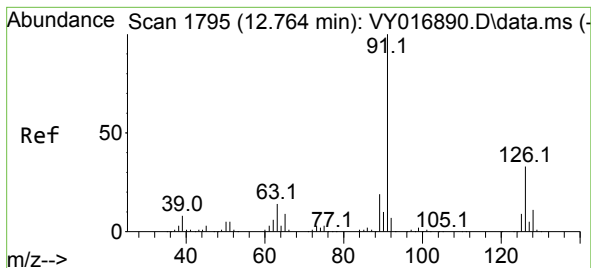
Tgt Ion: 91 Resp: 441487

Ion Ratio Lower Upper

91 100

120 21.7 11.0 33.0





#79

2-Chlorotoluene

Concen: 50.666 ug/l

RT: 12.782 min Scan# 1

Delta R.T. 0.019 min

Lab File: VY017041.D

Acq: 18 Jan 2024 16:31

Instrument :

MSVOA_Y

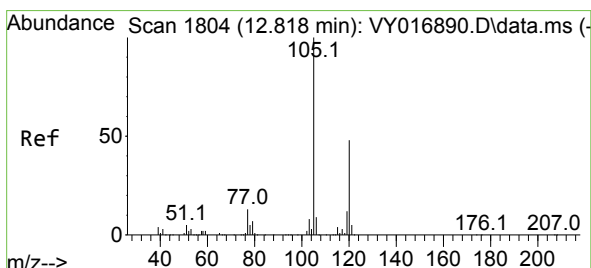
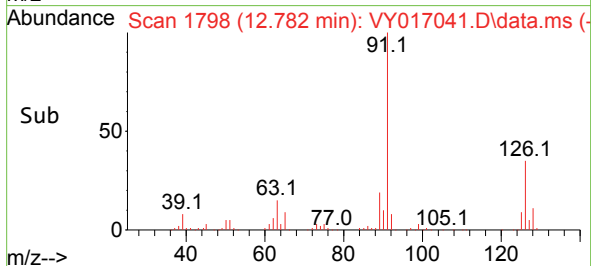
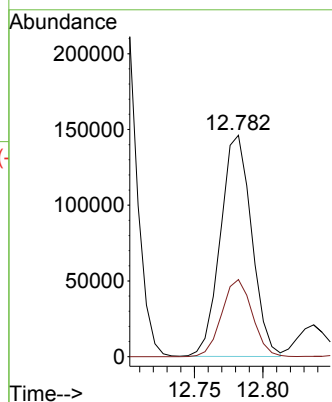
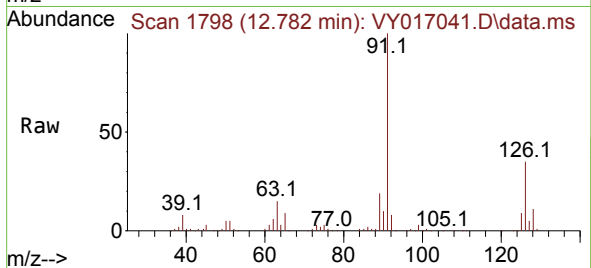
ClientSampleId :

Tgt Ion: 91 Resp: 231731

Ion Ratio Lower Upper

91 100

126 34.2 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 53.204 ug/l

RT: 12.837 min Scan# 1807

Delta R.T. 0.019 min

Lab File: VY017041.D

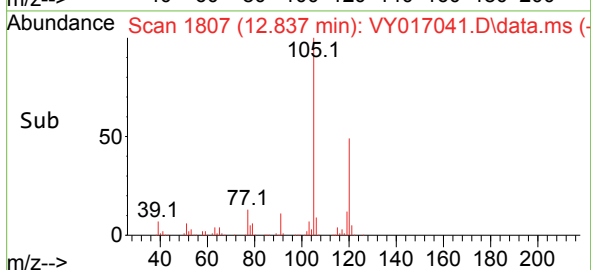
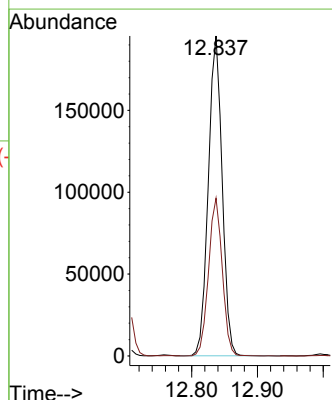
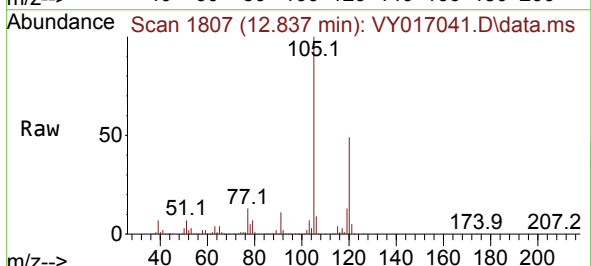
Acq: 18 Jan 2024 16:31

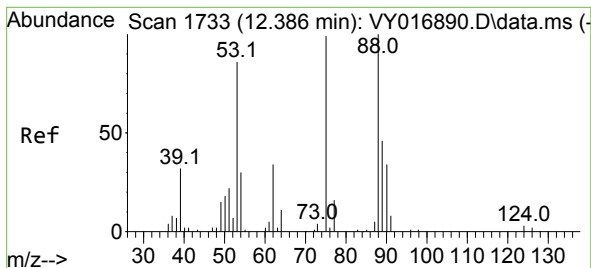
Tgt Ion:105 Resp: 285475

Ion Ratio Lower Upper

105 100

120 49.1 24.3 72.8

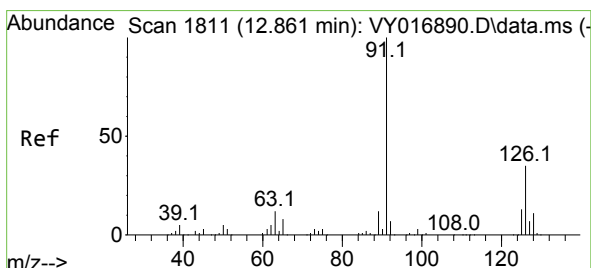
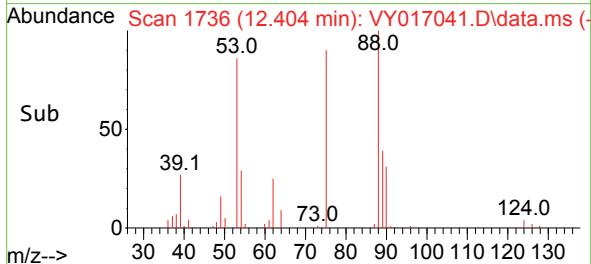
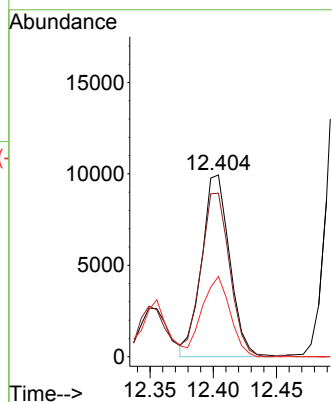
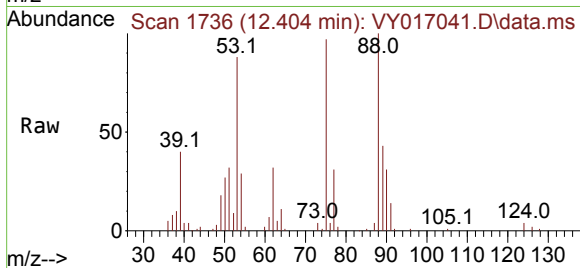




#81
trans-1,4-Dichloro-2-butene
Concen: 38.641 ug/l
RT: 12.404 min Scan# 1736
Delta R.T. 0.019 min
Lab File: VY017041.D
Acq: 18 Jan 2024 16:31

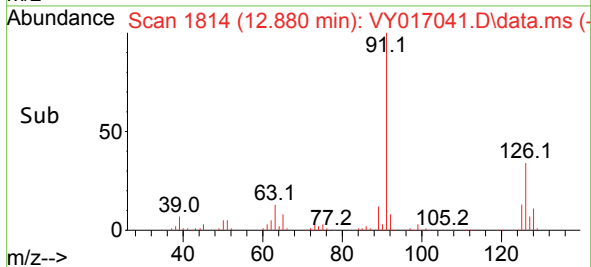
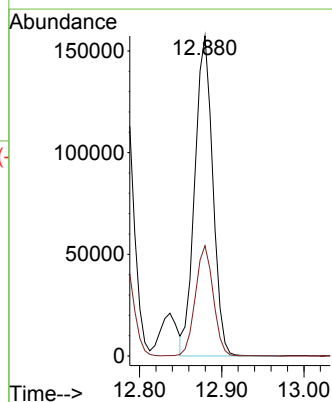
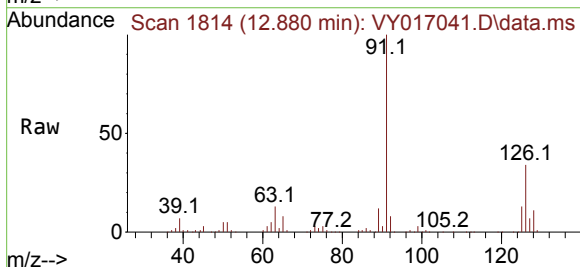
Instrument :
MSVOA_Y
ClientSampleId :

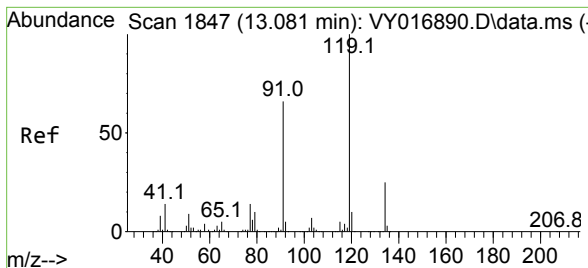
Tgt Ion: 75 Resp: 15342
Ion Ratio Lower Upper
75 100
53 92.2 74.0 111.0
89 43.4 36.5 54.7



#82
4-Chlorotoluene
Concen: 51.121 ug/l
RT: 12.880 min Scan# 1814
Delta R.T. 0.019 min
Lab File: VY017041.D
Acq: 18 Jan 2024 16:31

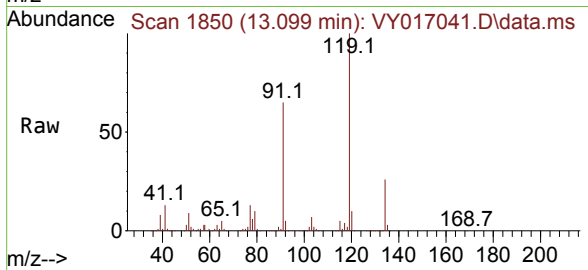
Tgt Ion: 91 Resp: 238870
Ion Ratio Lower Upper
91 100
126 34.1 17.1 51.2



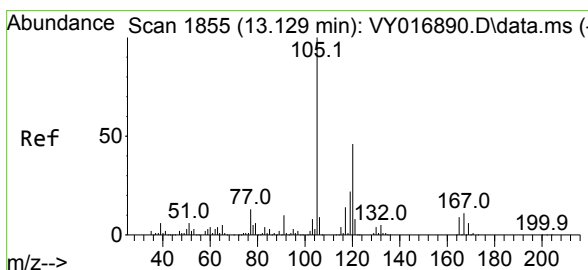
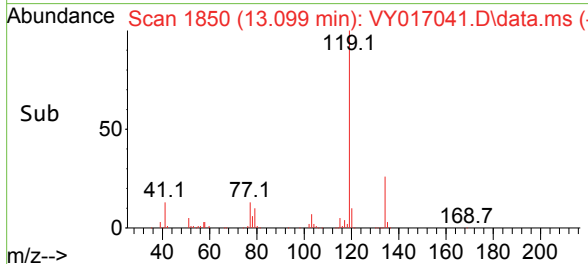
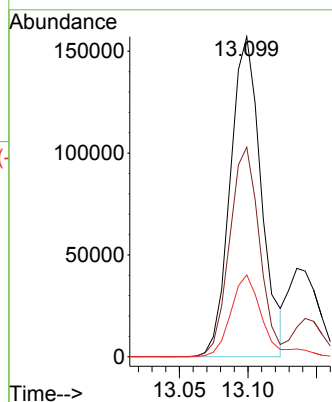


#83
tert-Butylbenzene
Concen: 52.254 ug/l
RT: 13.099 min Scan# 1850
Delta R.T. 0.012 min
Lab File: VY017041.D
Acq: 18 Jan 2024 16:31

Instrument :
MSVOA_Y
ClientSampleId :

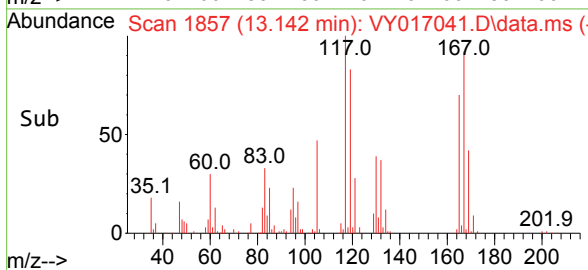
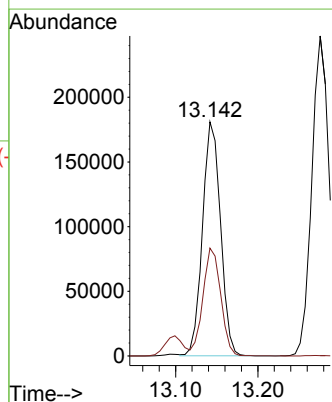
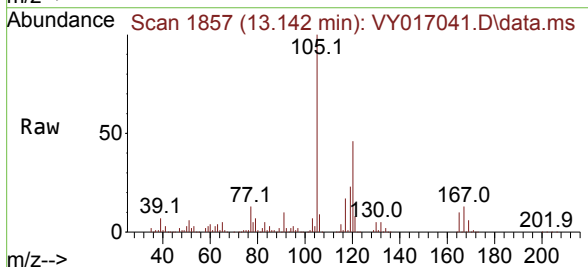


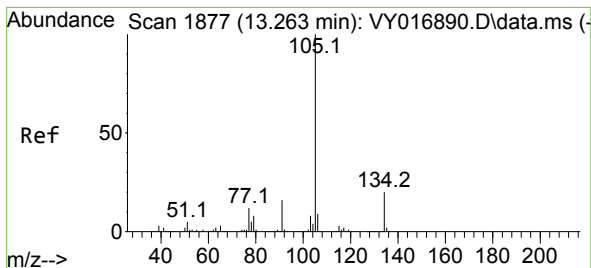
Tgt Ion:119 Resp: 246952
Ion Ratio Lower Upper
119 100
91 63.3 31.5 94.5
134 26.4 13.1 39.3



#84
1,2,4-Trimethylbenzene
Concen: 52.285 ug/l
RT: 13.142 min Scan# 1857
Delta R.T. 0.013 min
Lab File: VY017041.D
Acq: 18 Jan 2024 16:31

Tgt Ion:105 Resp: 276283
Ion Ratio Lower Upper
105 100
120 45.5 22.1 66.3





#85

sec-Butylbenzene

Concen: 52.440 ug/l

RT: 13.276 min Scan# 1879

Delta R.T. 0.013 min

Lab File: VY017041.D

Acq: 18 Jan 2024 16:31

Instrument :

MSVOA_Y

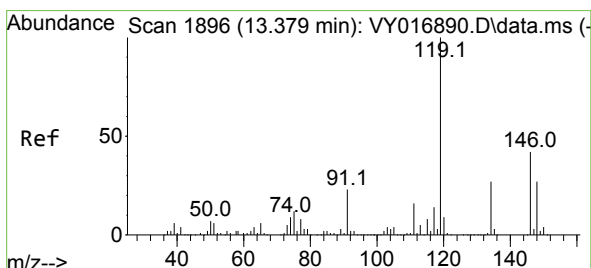
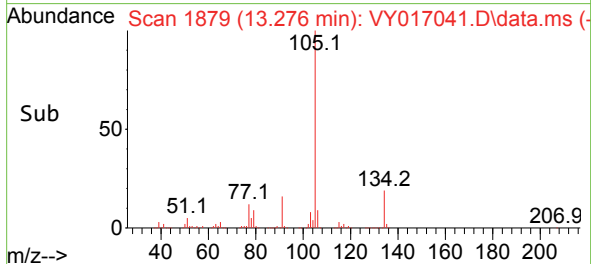
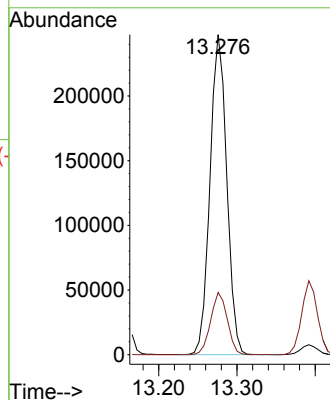
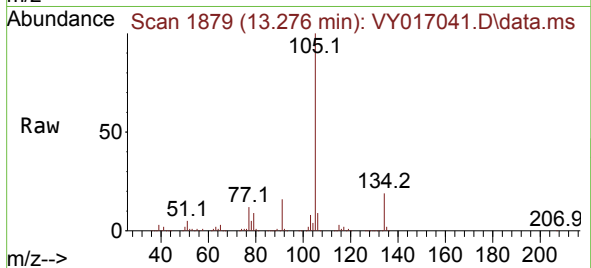
ClientSampleId :

Tgt Ion:105 Resp: 367221

Ion Ratio Lower Upper

105 100

134 19.3 9.7 28.9



#86

p-Isopropyltoluene

Concen: 52.901 ug/l

RT: 13.392 min Scan# 1898

Delta R.T. 0.013 min

Lab File: VY017041.D

Acq: 18 Jan 2024 16:31

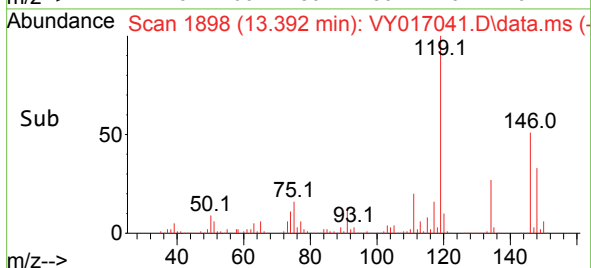
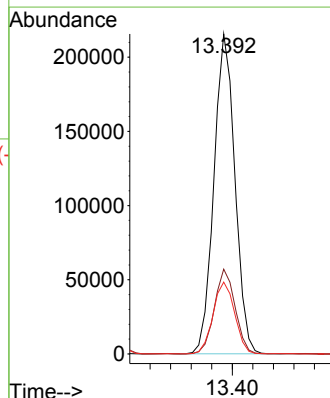
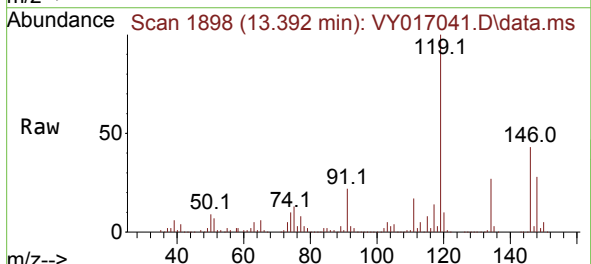
Tgt Ion:119 Resp: 305735

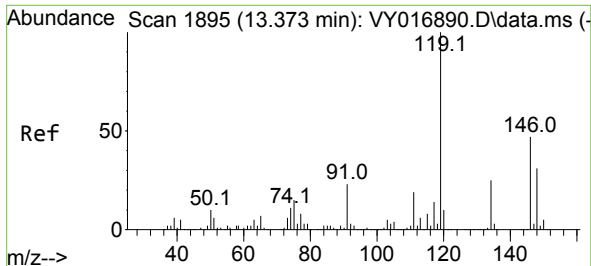
Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.1

91 23.0 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 48.392 ug/l

RT: 13.392 min Scan# 1910

Delta R.T. 0.019 min

Lab File: VY017041.D

Acq: 18 Jan 2024 16:31

Instrument :

MSVOA_Y

ClientSampleId :

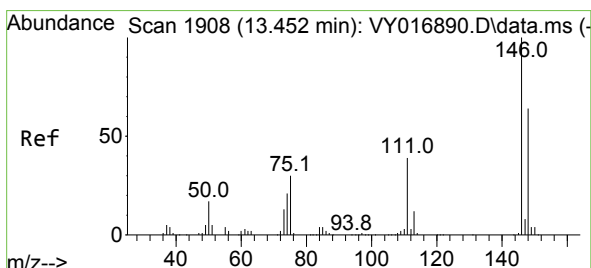
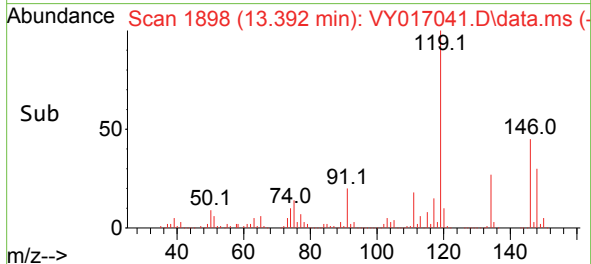
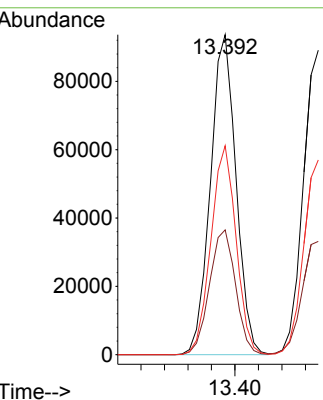
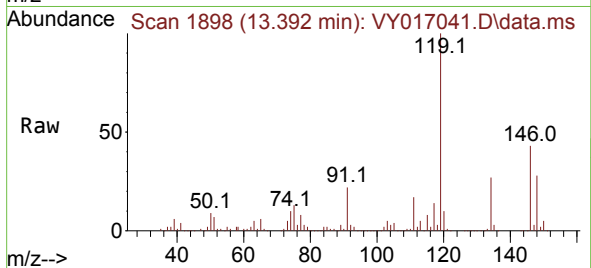
Tgt Ion:146 Resp: 141767

Ion Ratio Lower Upper

146 100

111 39.8 20.2 60.5

148 64.2 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 48.331 ug/l

RT: 13.471 min Scan# 1911

Delta R.T. 0.019 min

Lab File: VY017041.D

Acq: 18 Jan 2024 16:31

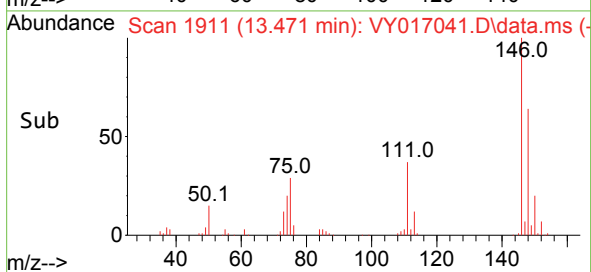
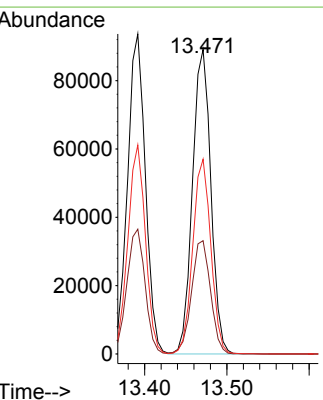
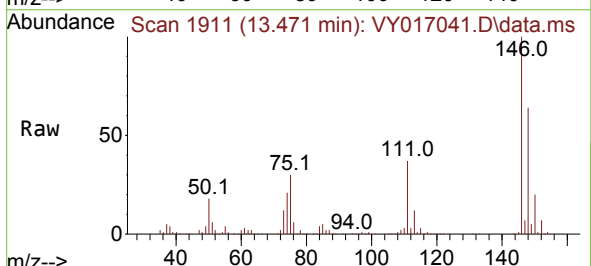
Tgt Ion:146 Resp: 138482

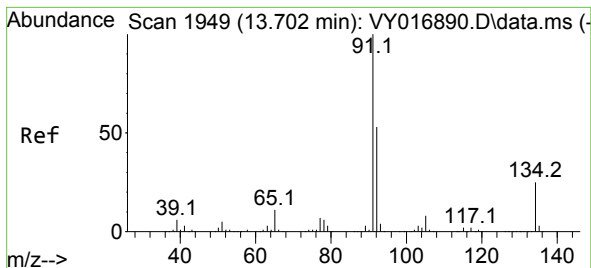
Ion Ratio Lower Upper

146 100

111 38.5 19.3 57.9

148 63.1 31.6 94.7





#89

n-Butylbenzene

Concen: 53.472 ug/l

RT: 13.721 min Scan# 1952

Delta R.T. 0.019 min

Lab File: VY017041.D

Acq: 18 Jan 2024 16:31

Instrument :

MSVOA_Y

ClientSampleId :

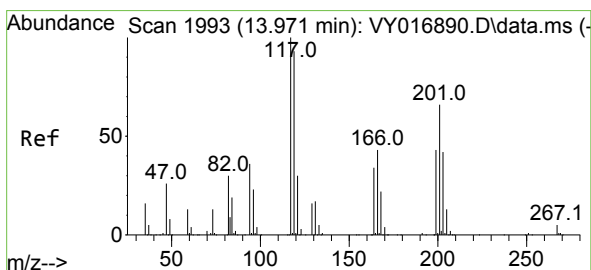
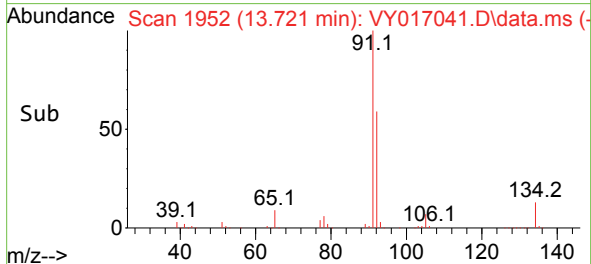
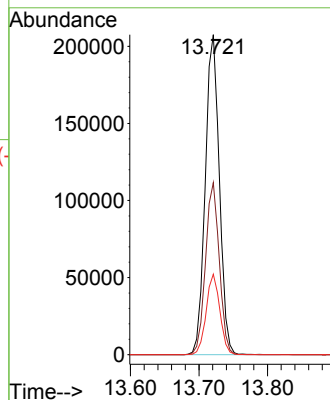
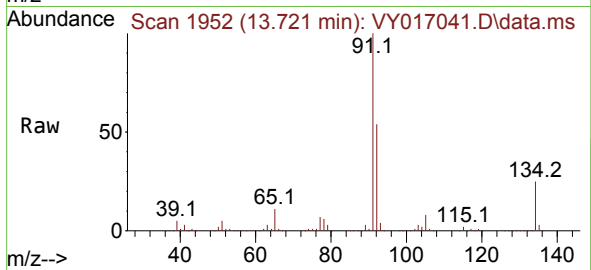
Tgt Ion: 91 Resp: 297124

Ion Ratio Lower Upper

91 100

92 52.6 26.4 79.2

134 24.5 12.3 36.8



#90

Hexachloroethane

Concen: 49.027 ug/l

RT: 13.983 min Scan# 1995

Delta R.T. 0.012 min

Lab File: VY017041.D

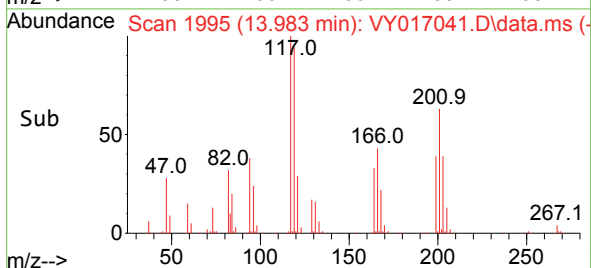
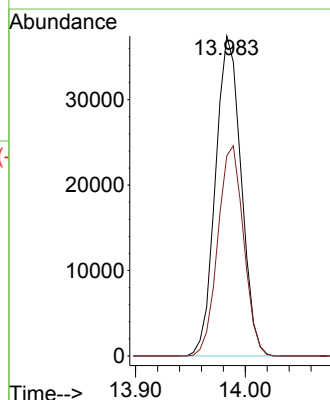
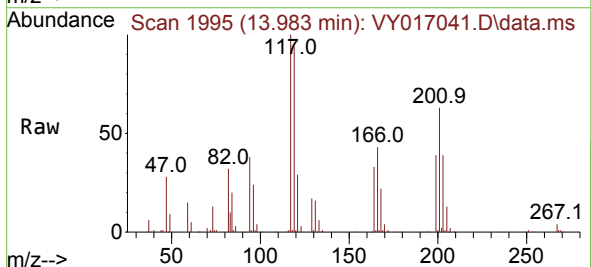
Acq: 18 Jan 2024 16:31

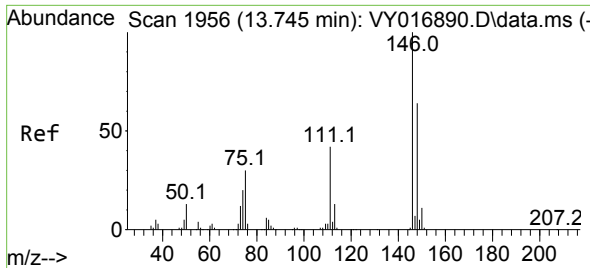
Tgt Ion: 117 Resp: 60886

Ion Ratio Lower Upper

117 100

201 66.0 33.4 100.1

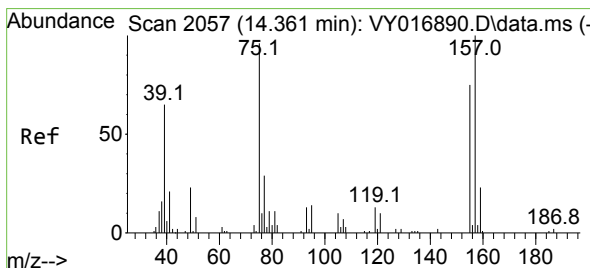
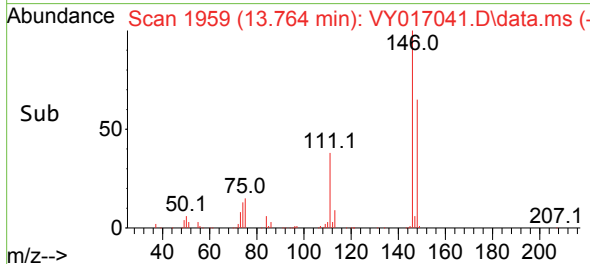
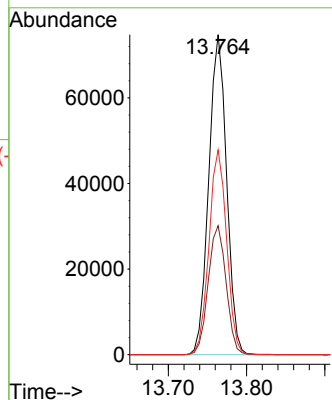
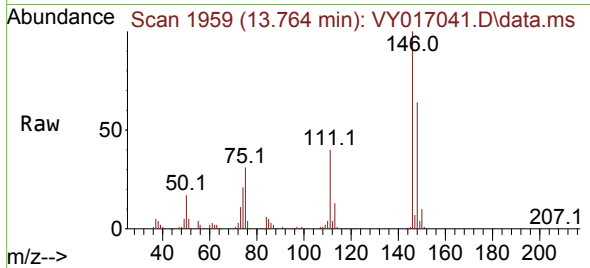




#91
1,2-Dichlorobenzene
Concen: 46.695 ug/l
RT: 13.764 min Scan# 1956
Delta R.T. 0.013 min
Lab File: VY017041.D
Acq: 18 Jan 2024 16:31

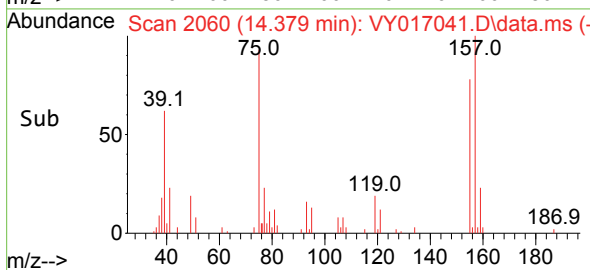
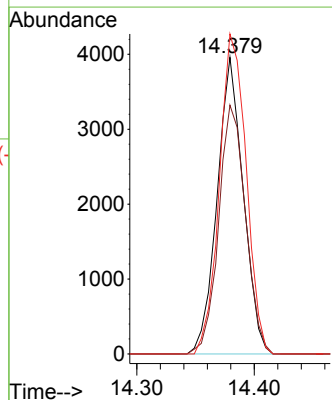
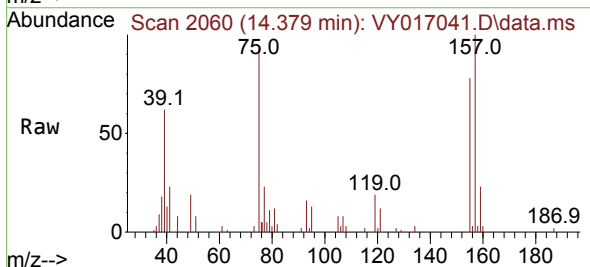
Instrument :
MSVOA_Y
ClientSampleId :

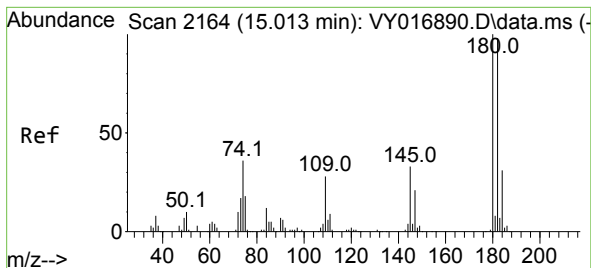
Tgt Ion:146 Resp: 118217
Ion Ratio Lower Upper
146 100
111 40.4 20.5 61.6
148 63.3 31.4 94.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 35.282 ug/l
RT: 14.379 min Scan# 2060
Delta R.T. 0.012 min
Lab File: VY017041.D
Acq: 18 Jan 2024 16:31

Tgt Ion: 75 Resp: 6116
Ion Ratio Lower Upper
75 100
155 86.3 42.1 126.3
157 110.7 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 48.417 ug/l

RT: 15.032 min Scan# 2167

Delta R.T. 0.013 min

Lab File: VY017041.D

Acq: 18 Jan 2024 16:31

Instrument :

MSVOA_Y

ClientSampleId :

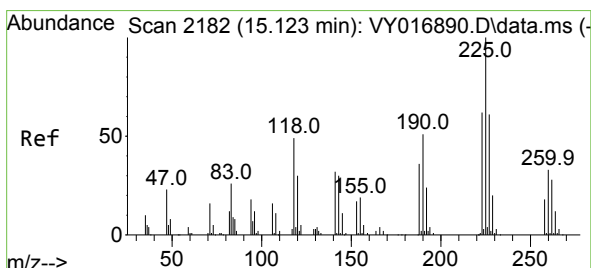
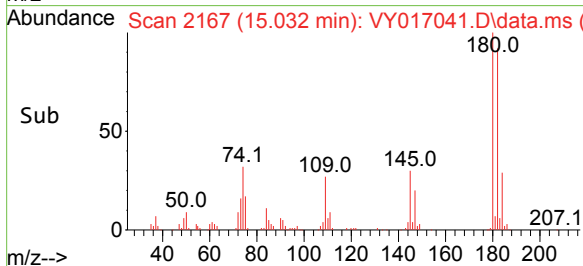
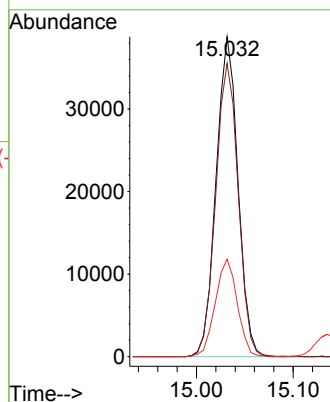
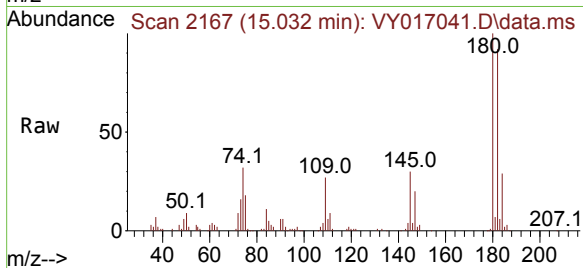
Tgt Ion:180 Resp: 60868

Ion Ratio Lower Upper

180 100

182 93.9 47.9 143.7

145 30.7 15.9 47.7



#94

Hexachlorobutadiene

Concen: 49.560 ug/l

RT: 15.135 min Scan# 2184

Delta R.T. 0.012 min

Lab File: VY017041.D

Acq: 18 Jan 2024 16:31

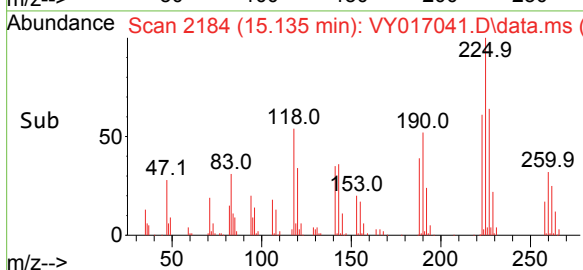
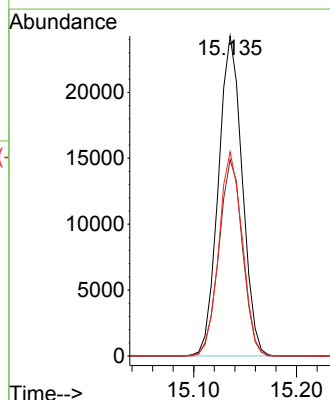
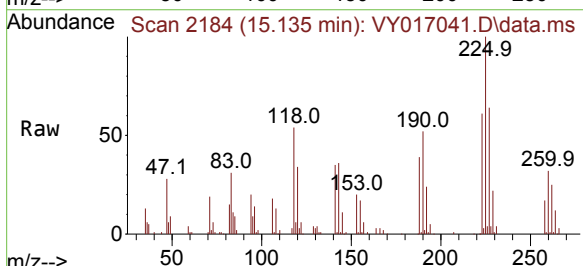
Tgt Ion:225 Resp: 39031

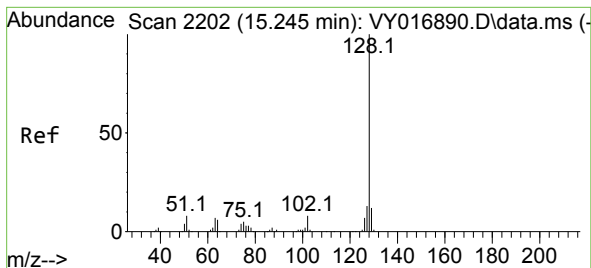
Ion Ratio Lower Upper

225 100

223 60.7 31.4 94.3

227 62.8 32.3 96.8





#95

Naphthalene

Concen: 44.642 ug/l

RT: 15.263 min Scan# 2205

Delta R.T. 0.018 min

Lab File: VY017041.D

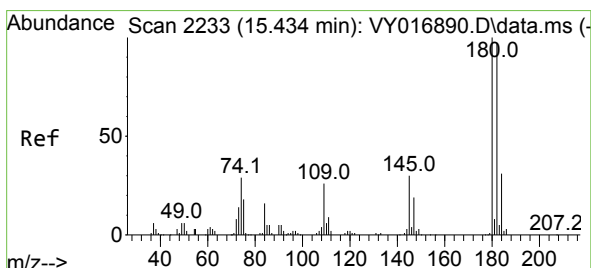
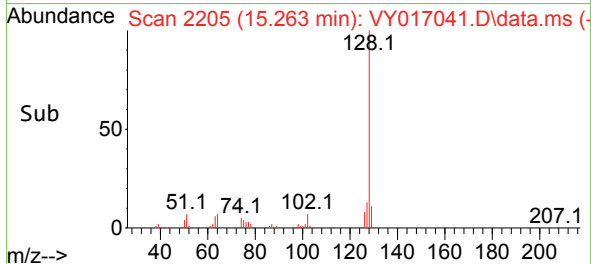
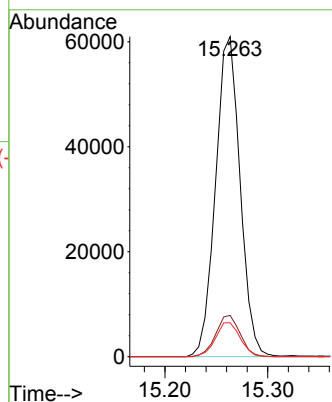
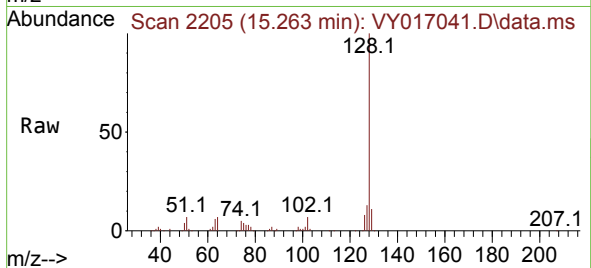
Acq: 18 Jan 2024 16:31

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp: 100941
Ion Ratio	Lower Upper
128	100
127	12.9 10.2 15.4
129	10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 46.009 ug/l

RT: 15.452 min Scan# 2236

Delta R.T. 0.018 min

Lab File: VY017041.D

Acq: 18 Jan 2024 16:31

Tgt Ion:180	Resp: 49113
Ion Ratio	Lower Upper
180	100
182	95.3 46.3 138.8
145	32.2 16.1 48.2

