

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010924\
 Data File : VY016952.D
 Acq On : 09 Jan 2024 16:34
 Operator : SY/MD
 Sample : P1067-06
 Misc : 2.85g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 10 02:28:59 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	7.813	168	113980	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	233236	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	194175	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	58787	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.160	65	49599	44.028	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.060%
35) Dibromofluoromethane	7.734	113	52191	35.116	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	70.240%
50) Toluene-d8	10.197	98	203807	39.822	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	79.640%
62) 4-Bromofluorobenzene	12.495	95	60127	34.821	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	69.640%
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.545	74	687	1.105	ug/l #	36
11) Tert butyl alcohol	4.990	59	713	Below Cal	#	75
13) Acrolein	3.741	56	23	Below Cal	#	15
16) Acetone	3.972	43	15802	36.277	ug/l #	85
17) Carbon Disulfide	4.222	76	2703	1.042	ug/l #	87
19) Methyl tert-butyl Ether	5.246	73	10662	3.775	ug/l #	1
20) Methylene Chloride	4.740	84	23832	10.456	ug/l	98
25) 2-Butanone	7.008	43	5839	5.712	ug/l #	86
29) Tetrahydrofuran	7.386	42	415	1.820	ug/l #	54
31) Cyclohexane	7.795	56	22721	11.751	ug/l #	74
36) 1,1-Dichloropropene	7.807	75	9158	4.228	ug/l #	52
37) Ethyl Acetate	7.008	43	5839	5.932	ug/l #	69
38) Carbon Tetrachloride	7.813	117	11471	5.213	ug/l #	16
39) Methylcyclohexane	9.203	83	46575	19.127	ug/l	88
40) Benzene	8.179	78	26682	4.106	ug/l	100
41) Methacrylonitrile	7.380	41	640	1.235	ug/l #	47
43) Isopropyl Acetate	8.289	43	5509	2.923	ug/l #	51
47) Bromodichloromethane	9.502	83	4541	1.981	ug/l #	23
48) Methyl methacrylate	9.343	41	8790	8.641	ug/l #	27
51) 4-Methyl-2-Pentanone	10.130	43	28844	28.773	ug/l #	86
52) Toluene	10.258	92	38282	9.762	ug/l	98
55) 1,1,2-Trichloroethane	10.636	97	31507	25.262	ug/l #	27
56) Ethyl methacrylate	10.538	69	2064	1.954	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.764	63	799	18.555	ug/l #	47
59) 2-Hexanone	10.819	43	39033	52.880	ug/l #	30
67) Ethyl Benzene	11.605	91	508663	69.848	ug/l	99
68) m/p-Xylenes	11.715	106	960506	359.323	ug/l	100
69) o-Xylene	12.044	106	210078	83.831	ug/l	100
70) Styrene	12.044	104	11798	3.235	ug/l #	1
73) Isopropylbenzene	12.343	105	93389	19.454	ug/l	97
74) N-amyl acetate	12.135	43	41359	42.881	ug/l #	53
75) 1,1,2,2-Tetrachloroethane	12.580	83	1986	2.030	ug/l #	1
76) 1,2,3-Trichloropropane	12.684	75	1653	2.591	ug/l #	100
78) n-propylbenzene	12.684	91	259392	44.446	ug/l	100
79) 2-Chlorotoluene	12.782	91	57985	17.917	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.824	105	780085	205.465	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

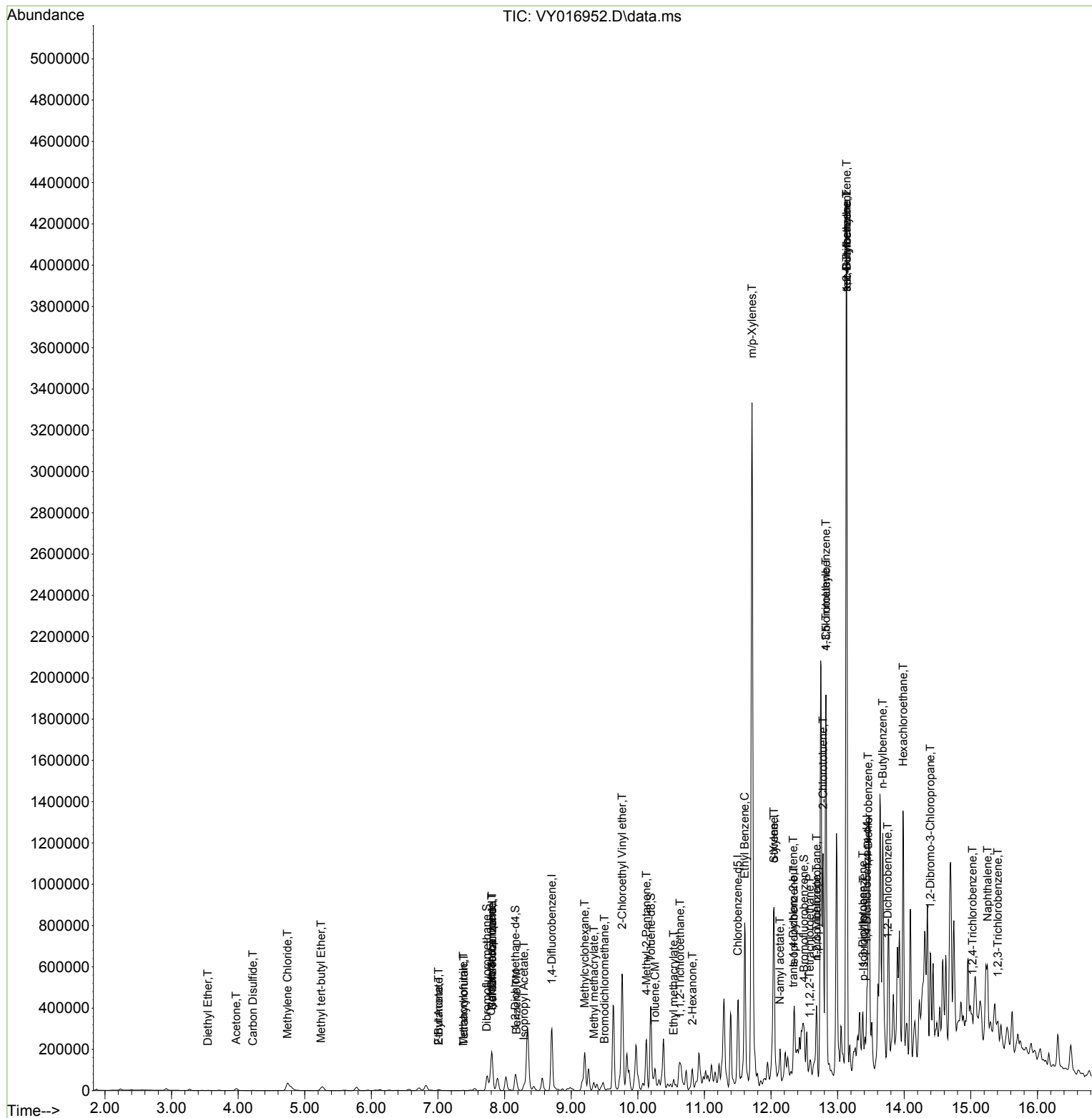
81) trans-1,4-Dichloro-2-b...	12.337	75	1288	4.585	ug/l	#	1
82) 4-Chlorotoluene	12.824	91	82208	24.864	ug/l	#	42
83) tert-Butylbenzene	13.135	119	265801	79.485	ug/l	#	65
84) 1,2,4-Trimethylbenzene	13.135	105	2174758	581.643	ug/l		98
85) sec-Butylbenzene	13.135	105	2174758	438.902	ug/l	#	57
86) p-Isopropyltoluene	13.385	119	56518	13.821	ug/l		99
87) 1,3-Dichlorobenzene	13.379	146	3637	1.755	ug/l	#	72
88) 1,4-Dichlorobenzene	13.458	146	9263	4.569	ug/l	#	42
89) n-Butylbenzene	13.678	91	59104	15.032	ug/l	#	1
90) Hexachloroethane	13.983	117	48579	55.283	ug/l	#	17
91) 1,2-Dichlorobenzene	13.751	146	49836	27.820	ug/l	#	82
92) 1,2-Dibromo-3-Chloropr...	14.391	75	1131	9.221	ug/l	#	14
93) 1,2,4-Trichlorobenzene	15.025	180	1432	1.610	ug/l	#	1
95) Naphthalene	15.251	128	268878	137.404	ug/l		98
96) 1,2,3-Trichlorobenzene	15.403	180	2490	3.297	ug/l	#	1

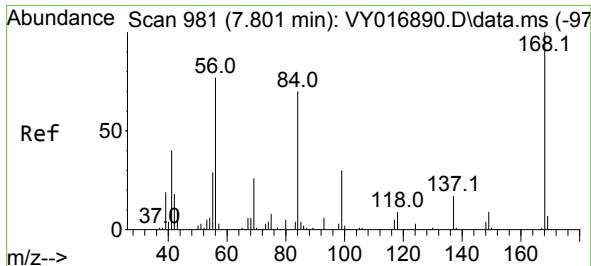
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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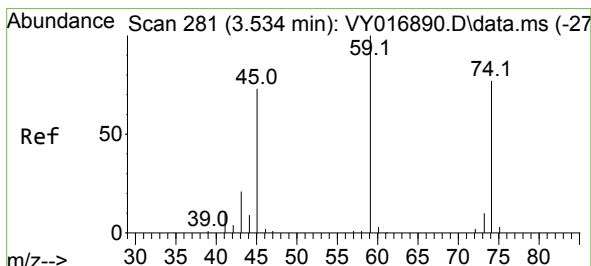
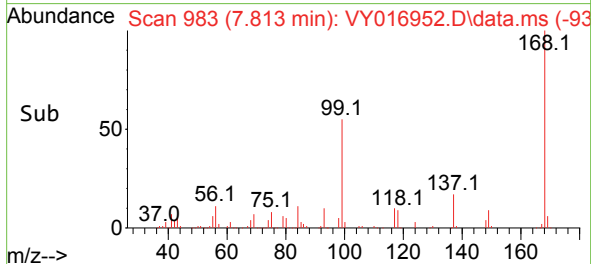
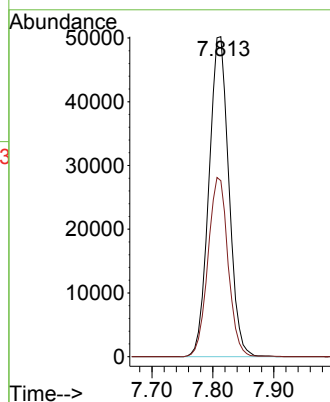
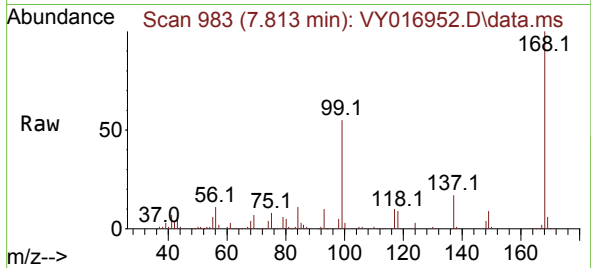




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016952.D
Acq: 09 Jan 2024 16:34

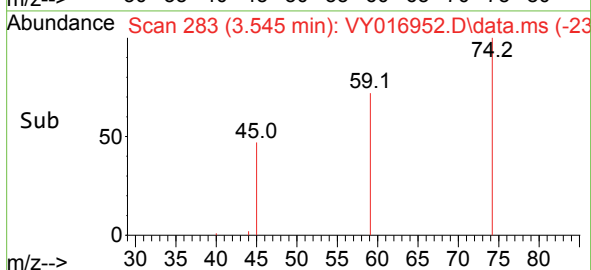
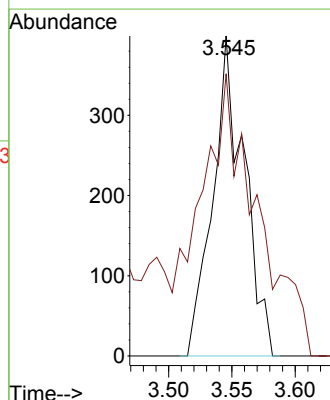
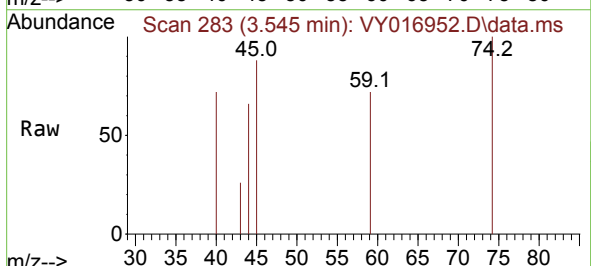
Instrument :
MSVOA_Y
ClientSampleId :

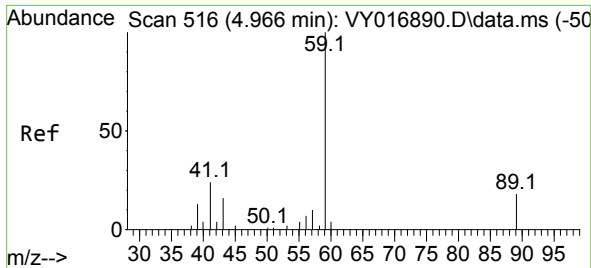
Tgt Ion:168 Resp: 113980
Ion Ratio Lower Upper
168 100
99 55.0 44.2 66.4



#8
Diethyl Ether
Concen: 1.105 ug/l
RT: 3.545 min Scan# 283
Delta R.T. 0.005 min
Lab File: VY016952.D
Acq: 09 Jan 2024 16:34

Tgt Ion: 74 Resp: 687
Ion Ratio Lower Upper
74 100
45 157.8 47.9 143.7#

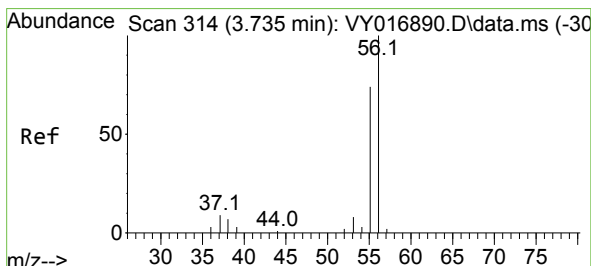
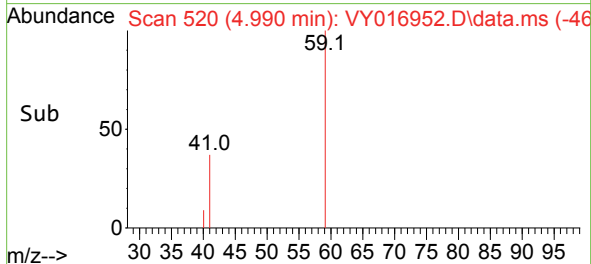
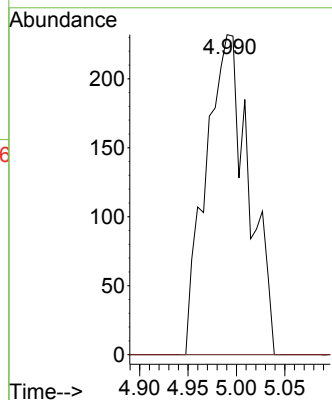
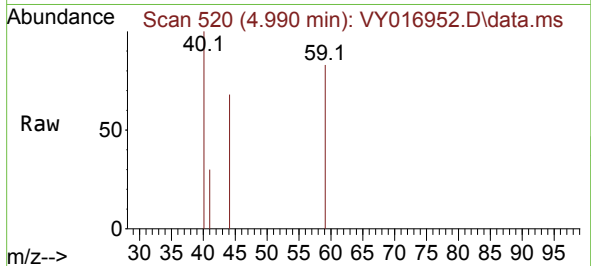




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.990 min Scan# 51
Delta R.T. 0.024 min
Lab File: VY016952.D
Acq: 09 Jan 2024 16:34

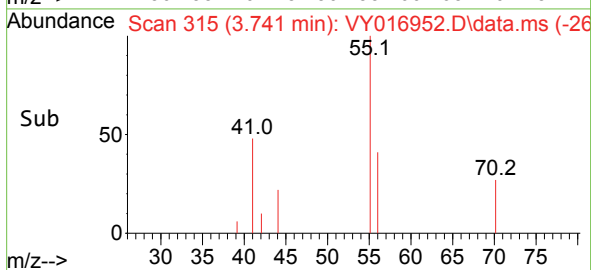
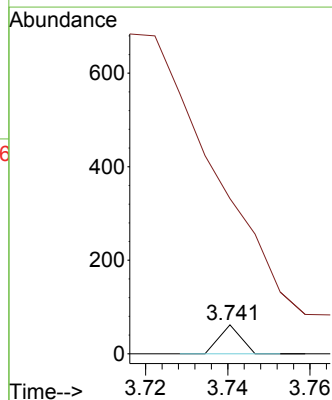
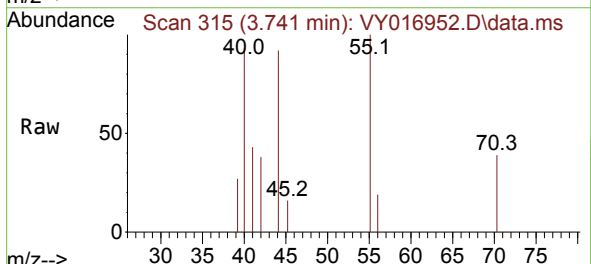
Instrument :
MSVOA_Y
ClientSampleId :

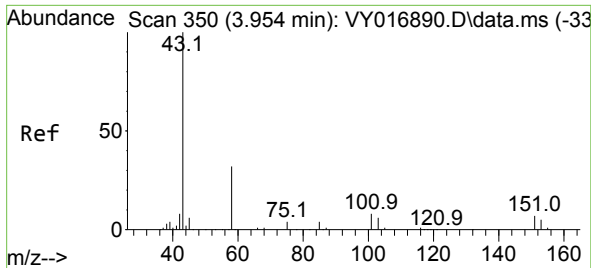
Tgt Ion: 59 Resp: 713
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



#13
Acrolein
Concen: Below Cal
RT: 3.741 min Scan# 315
Delta R.T. -0.000 min
Lab File: VY016952.D
Acq: 09 Jan 2024 16:34

Tgt Ion: 56 Resp: 23
Ion Ratio Lower Upper
56 100
55 0.0 55.4 83.0#





#16

Acetone

Concen: 36.277 ug/l

RT: 3.972 min Scan# 3

Delta R.T. 0.012 min

Lab File: VY016952.D

Acq: 09 Jan 2024 16:34

Instrument :

MSVOA_Y

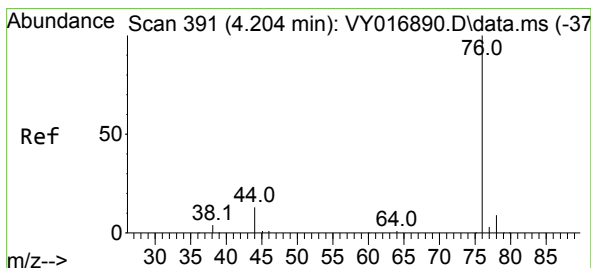
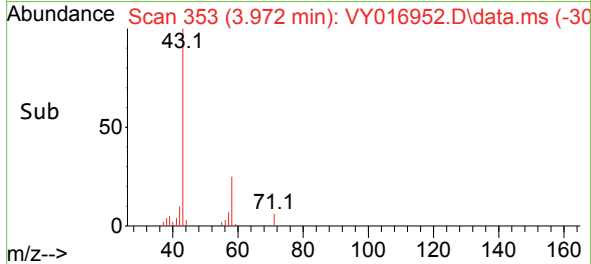
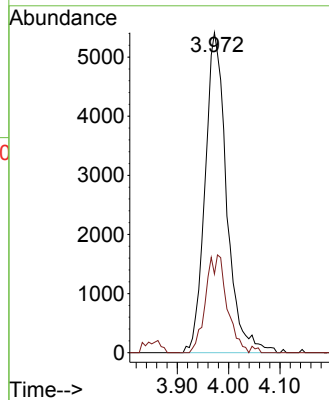
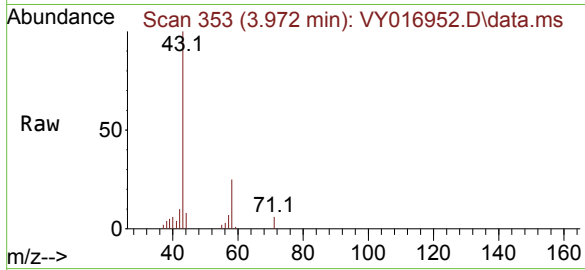
ClientSampleId :

Tgt Ion: 43 Resp: 15802

Ion Ratio Lower Upper

43 100

58 24.6 26.6 39.8#



#17

Carbon Disulfide

Concen: 1.042 ug/l

RT: 4.222 min Scan# 394

Delta R.T. 0.012 min

Lab File: VY016952.D

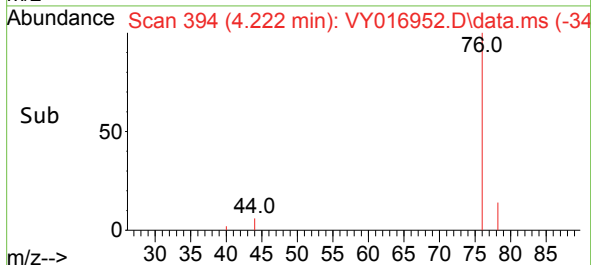
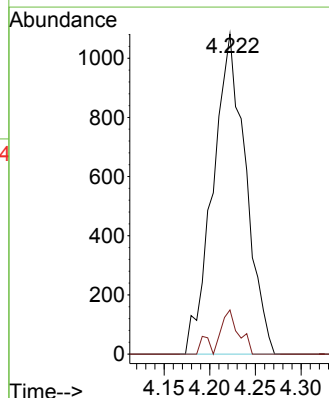
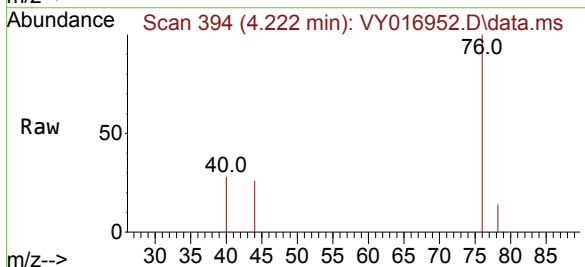
Acq: 09 Jan 2024 16:34

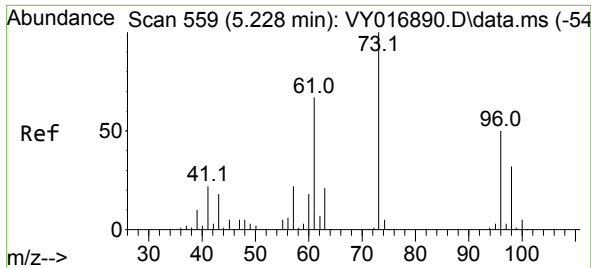
Tgt Ion: 76 Resp: 2703

Ion Ratio Lower Upper

76 100

78 13.8 7.4 11.0#

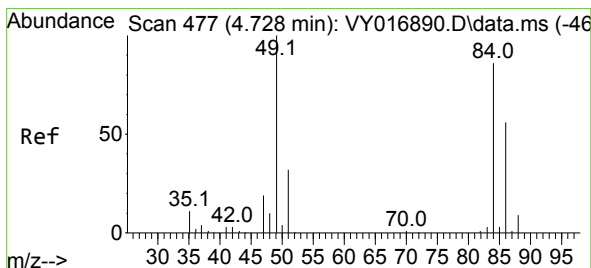
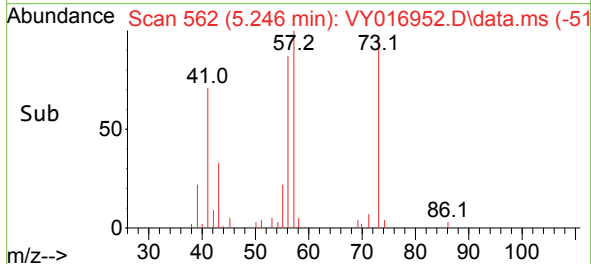
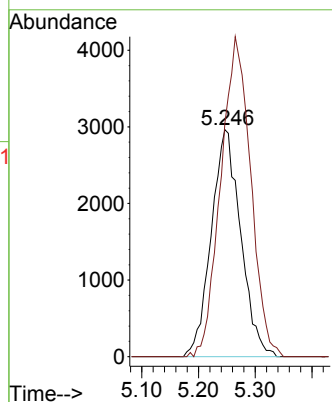
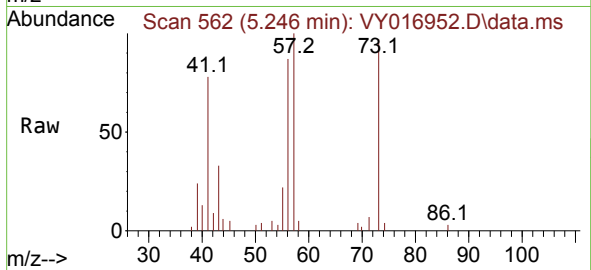




#19
Methyl tert-butyl Ether
Concen: 3.775 ug/l
RT: 5.246 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016952.D
Acq: 09 Jan 2024 16:34

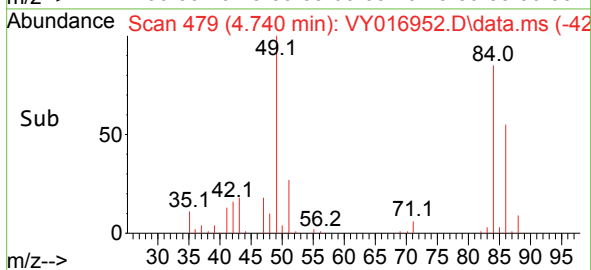
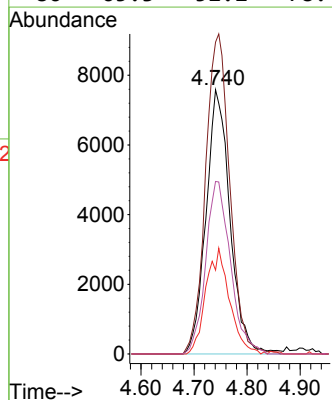
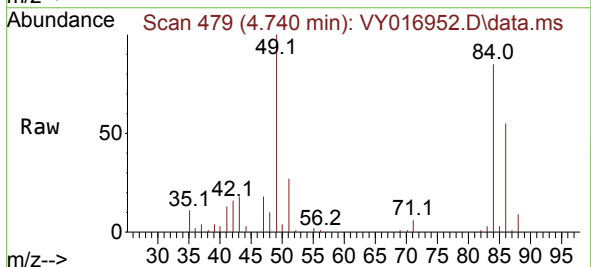
Instrument :
MSVOA_Y
ClientSampleId :

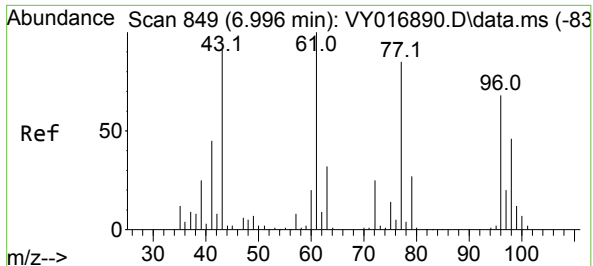
Tgt Ion: 73 Resp: 10662
Ion Ratio Lower Upper
73 100
57 102.7 17.7 26.5#



#20
Methylene Chloride
Concen: 10.456 ug/l
RT: 4.740 min Scan# 479
Delta R.T. 0.006 min
Lab File: VY016952.D
Acq: 09 Jan 2024 16:34

Tgt Ion: 84 Resp: 23832
Ion Ratio Lower Upper
84 100
49 118.1 95.2 142.8
51 31.8 29.9 44.9
86 65.3 52.2 78.4





#25

2-Butanone

Concen: 5.712 ug/l

RT: 7.008 min Scan# 81

Delta R.T. 0.012 min

Lab File: VY016952.D

Acq: 09 Jan 2024 16:34

Instrument :

MSVOA_Y

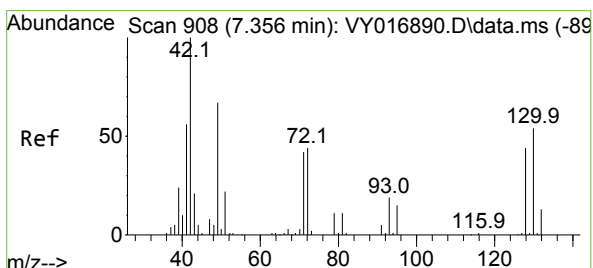
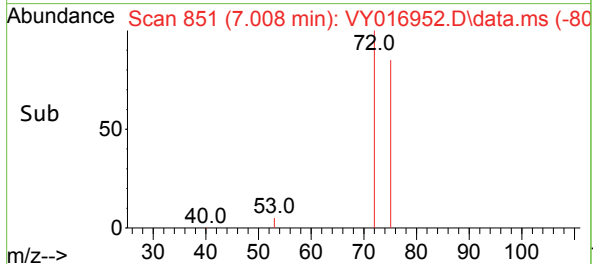
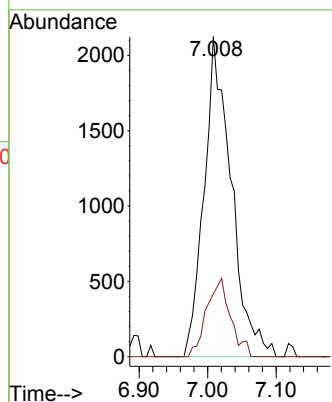
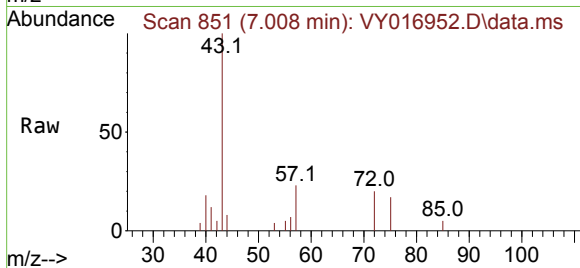
ClientSampleId :

Tgt Ion: 43 Resp: 5839

Ion Ratio Lower Upper

43 100

72 19.6 21.4 32.2#



#29

Tetrahydrofuran

Concen: 1.820 ug/l

RT: 7.386 min Scan# 913

Delta R.T. 0.024 min

Lab File: VY016952.D

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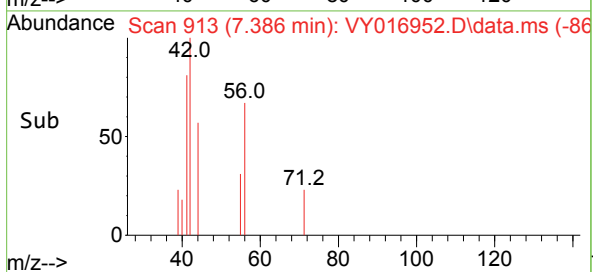
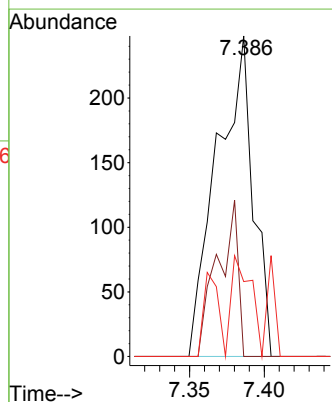
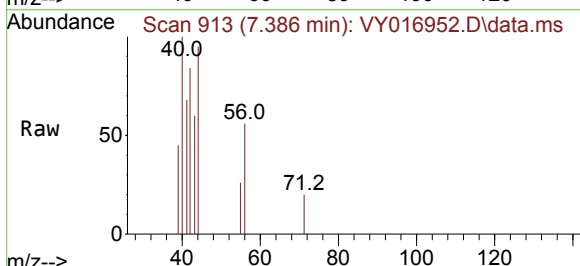
Tgt Ion: 42 Resp: 415

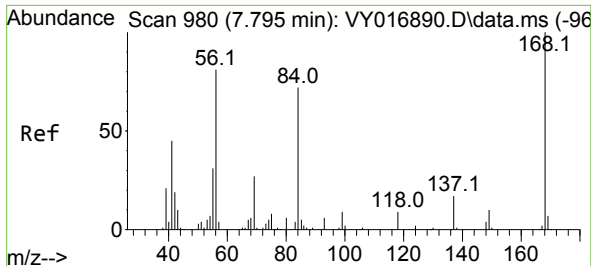
Ion Ratio Lower Upper

42 100

72 28.0 36.6 54.8#

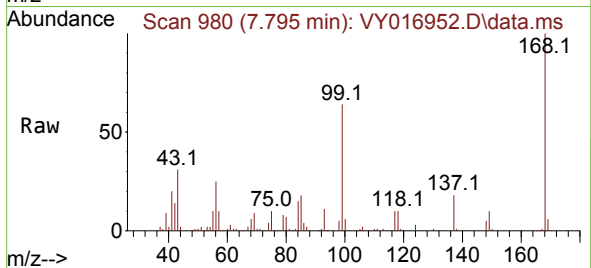
71 0.0 33.8 50.6#



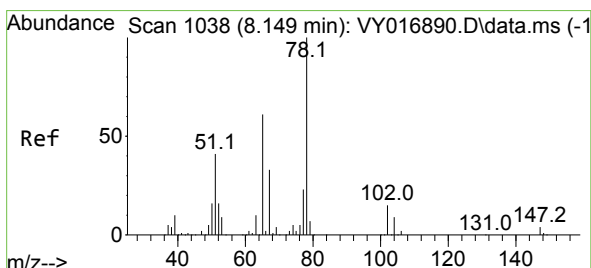
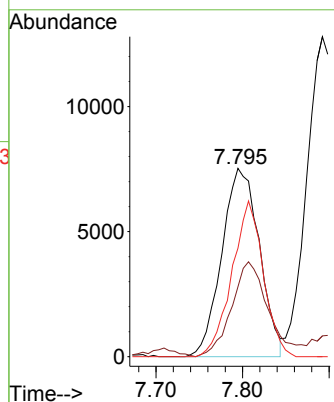
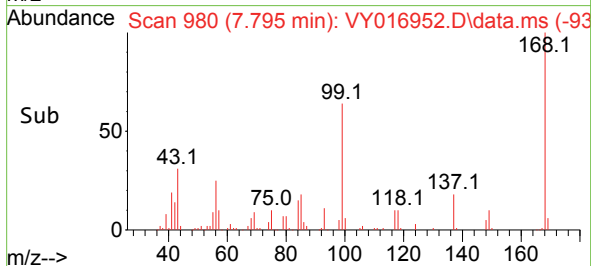


#31
Cyclohexane
Concen: 11.751 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
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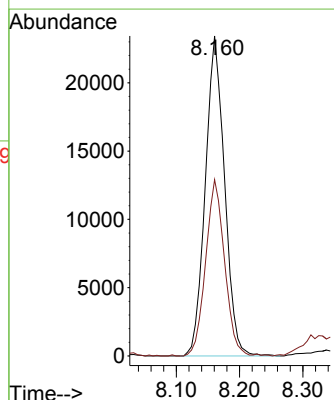
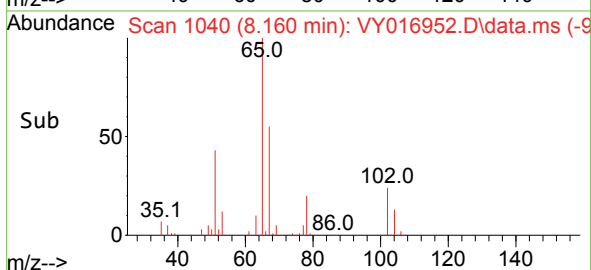
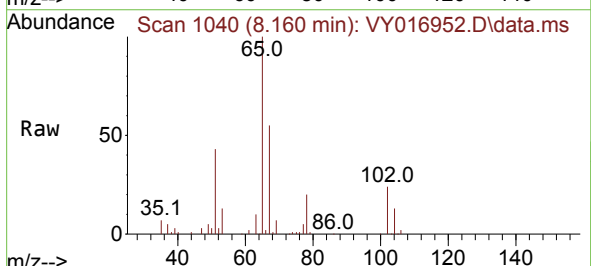


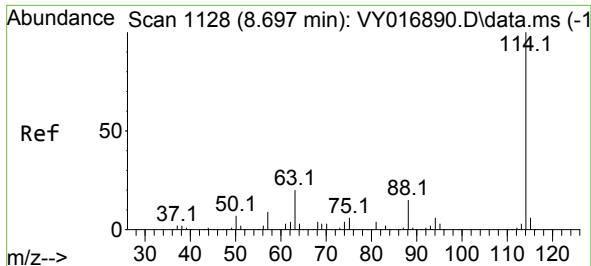
Tgt Ion: 56 Resp: 22721
Ion Ratio Lower Upper
56 100
69 35.6 27.0 40.6
84 57.6 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 44.028 ug/l
RT: 8.160 min Scan# 1040
Delta R.T. 0.005 min
Lab File: VY016952.D
Acq: 09 Jan 2024 16:34

Tgt Ion: 65 Resp: 49599
Ion Ratio Lower Upper
65 100
67 54.1 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY016952.D

Acq: 09 Jan 2024 16:34

Instrument :

MSVOA_Y

ClientSampleId :

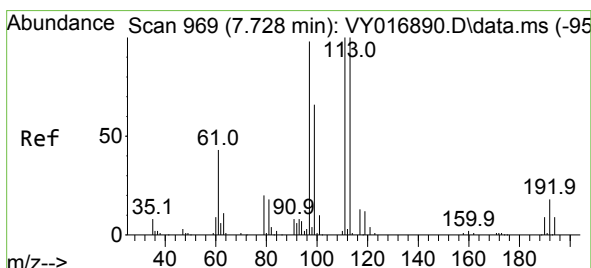
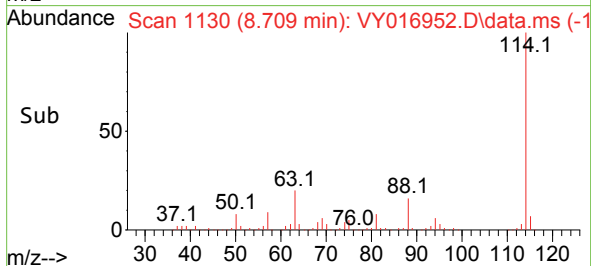
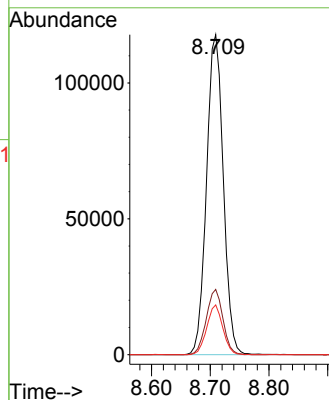
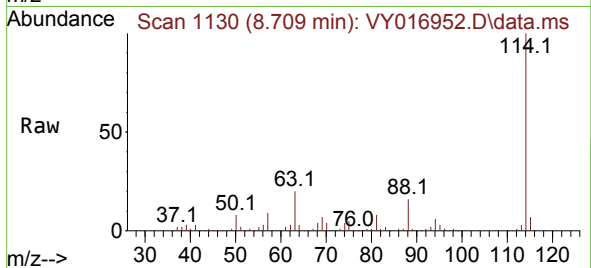
Tgt Ion:114 Resp: 233236

Ion Ratio Lower Upper

114 100

63 20.4 0.0 37.4

88 15.6 0.0 29.0



#35

Dibromofluoromethane

Concen: 35.116 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY016952.D

Acq: 09 Jan 2024 16:34

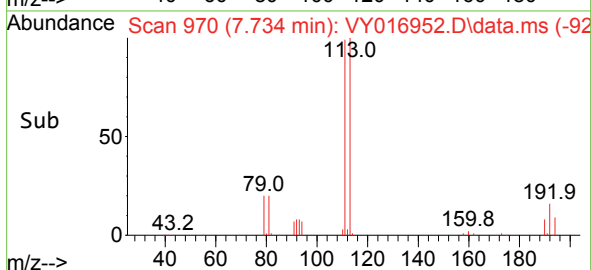
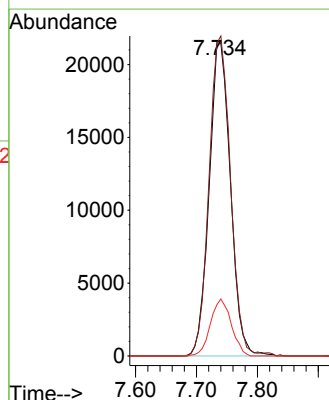
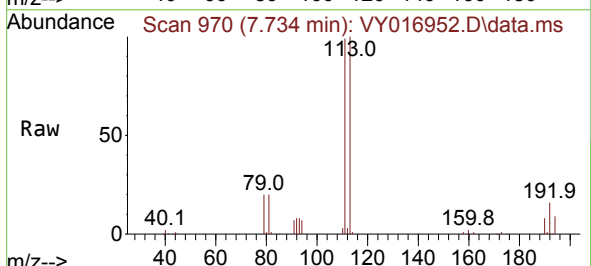
Tgt Ion:113 Resp: 52191

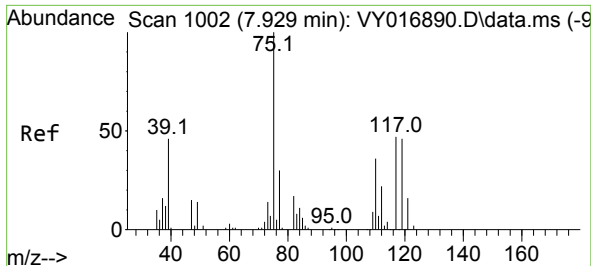
Ion Ratio Lower Upper

113 100

111 103.1 83.8 125.6

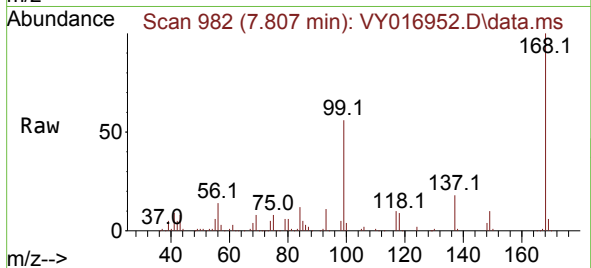
192 17.8 14.5 21.7



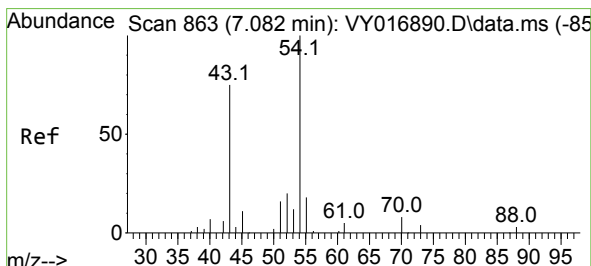
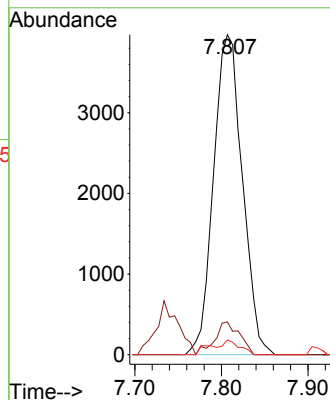
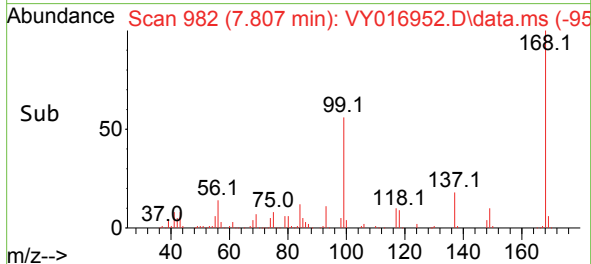


#36
 1,1-Dichloropropene
 Concen: 4.228 ug/l
 RT: 7.807 min Scan# 91
 Delta R.T. -0.122 min
 Lab File: VY016952.D
 Acq: 09 Jan 2024 16:34

Instrument :
 MSVOA_Y
 ClientSampleId :

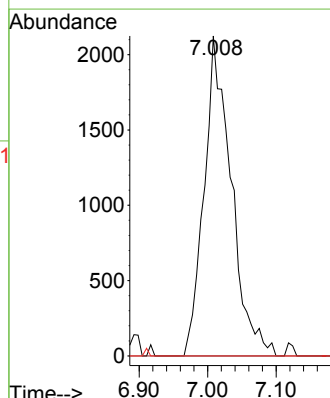
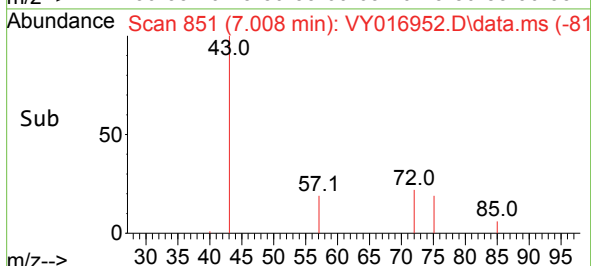
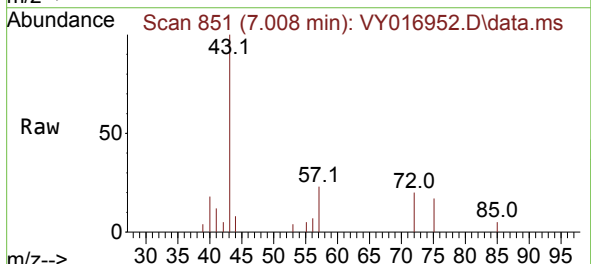


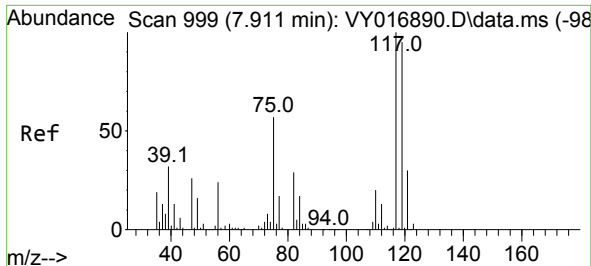
Tgt Ion: 75 Resp: 9158
 Ion Ratio Lower Upper
 75 100
 110 8.8 17.4 52.3#
 77 2.7 24.7 37.1#



#37
 Ethyl Acetate
 Concen: 5.932 ug/l
 RT: 7.008 min Scan# 851
 Delta R.T. -0.080 min
 Lab File: VY016952.D
 Acq: 09 Jan 2024 16:34

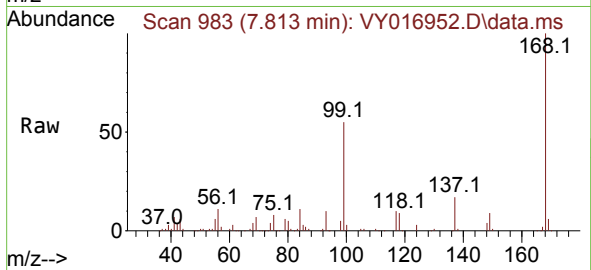
Tgt Ion: 43 Resp: 5839
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.0 16.6#
 70 0.0 8.1 12.1#



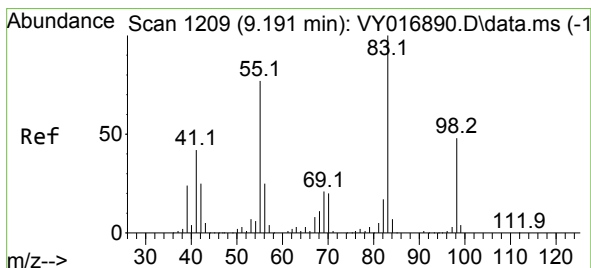
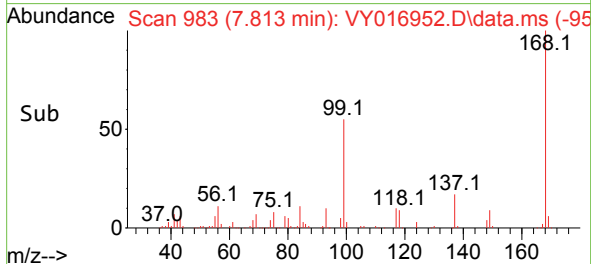
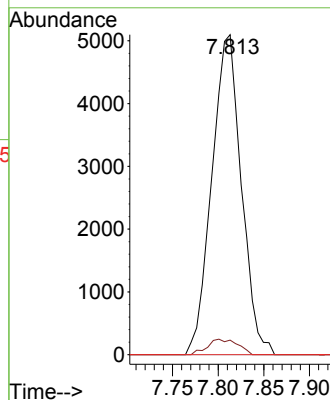


#38
Carbon Tetrachloride
Concen: 5.213 ug/l
RT: 7.813 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY016952.D
Acq: 09 Jan 2024 16:34

Instrument :
MSVOA_Y
ClientSampleId :

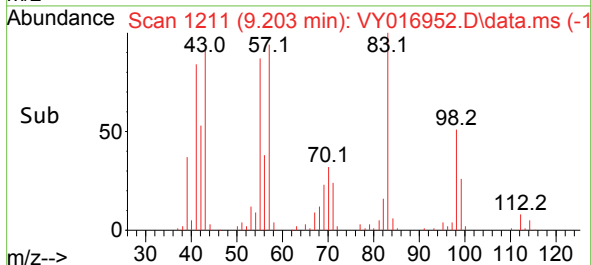
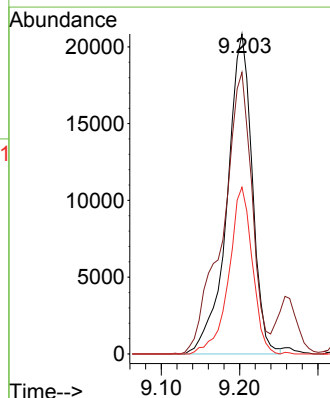
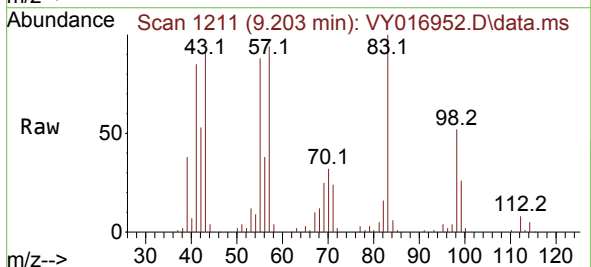


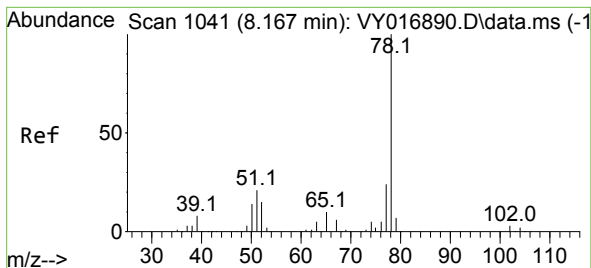
Tgt Ion:117 Resp: 11471
Ion Ratio Lower Upper
117 100
119 4.6 76.0 114.0#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 19.127 ug/l
RT: 9.203 min Scan# 1211
Delta R.T. 0.012 min
Lab File: VY016952.D
Acq: 09 Jan 2024 16:34

Tgt Ion: 83 Resp: 46575
Ion Ratio Lower Upper
83 100
55 88.0 59.7 89.5
98 52.1 38.0 57.0





#40

Benzene

Concen: 4.106 ug/l

RT: 8.179 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY016952.D

Acq: 09 Jan 2024 16:34

Instrument :

MSVOA_Y

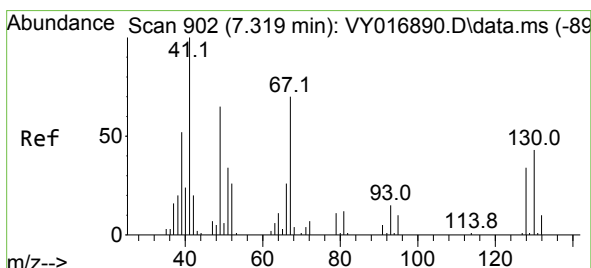
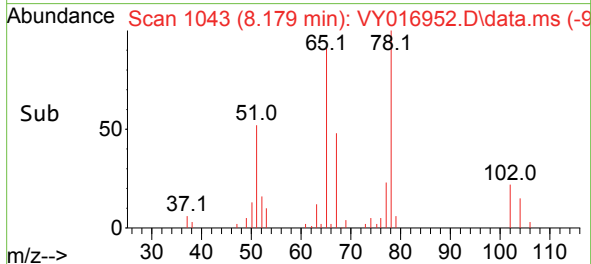
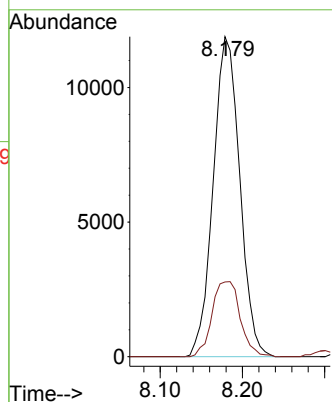
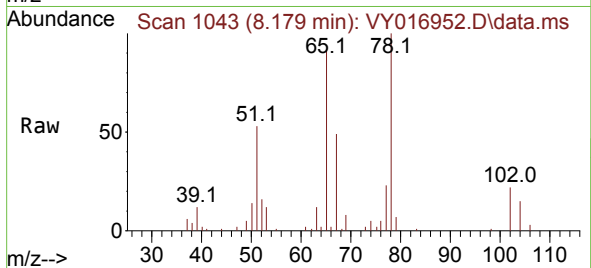
ClientSampleId :

Tgt Ion: 78 Resp: 26682

Ion Ratio Lower Upper

78 100

77 23.4 18.8 28.2



#41

Methacrylonitrile

Concen: 1.235 ug/l

RT: 7.380 min Scan# 912

Delta R.T. 0.061 min

Lab File: VY016952.D

Acq: 09 Jan 2024 16:34

Tgt Ion: 41 Resp: 640

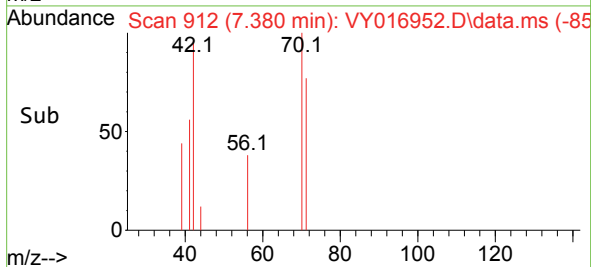
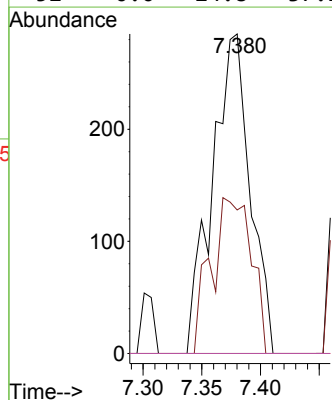
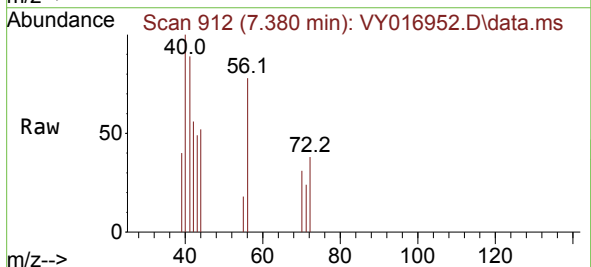
Ion Ratio Lower Upper

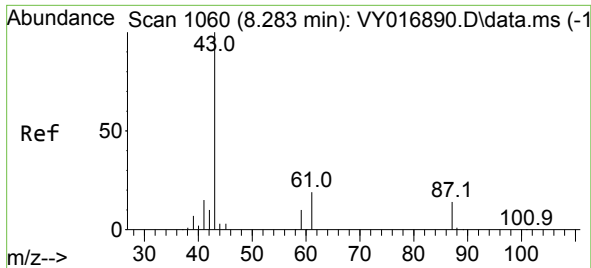
41 100

39 51.9 41.9 62.9

67 0.0 59.8 89.6#

52 0.0 24.8 37.2#

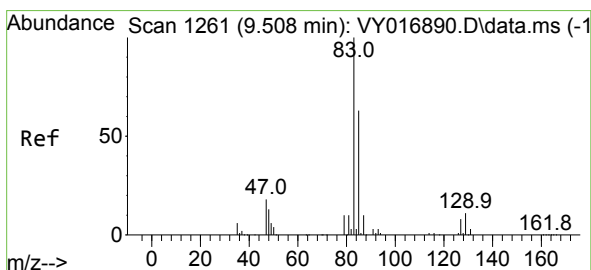
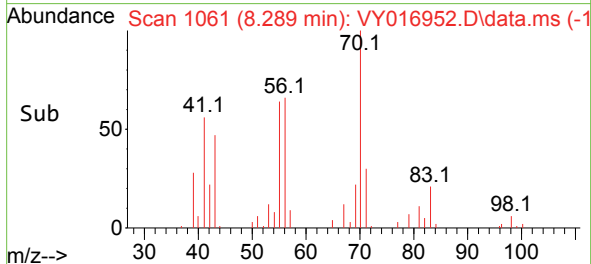
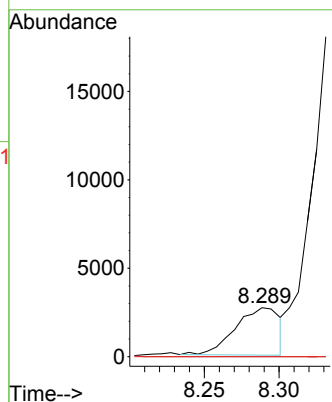
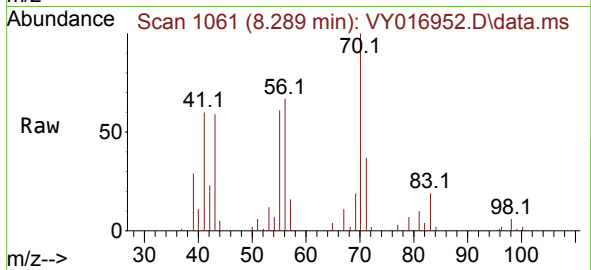




#43
Isopropyl Acetate
Concen: 2.923 ug/l
RT: 8.289 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VY016952.D
Acq: 09 Jan 2024 16:34

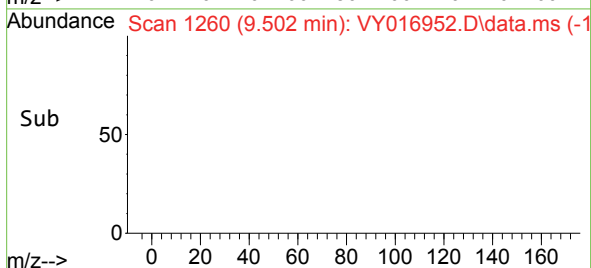
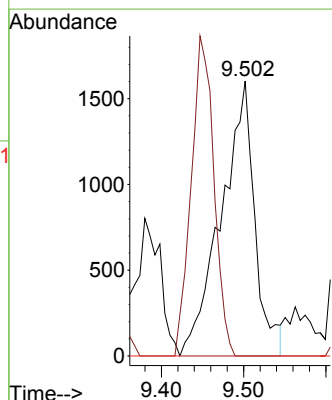
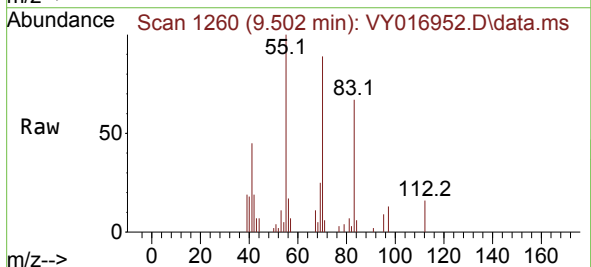
Instrument :
MSVOA_Y
ClientSampleId :

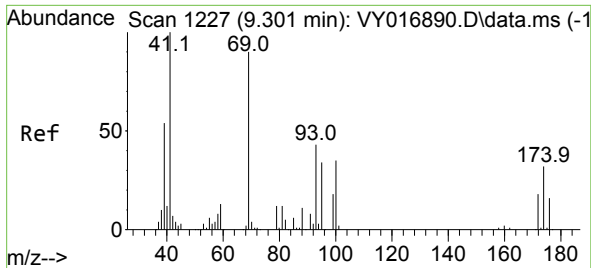
Tgt Ion: 43 Resp: 5509
Ion Ratio Lower Upper
43 100
61 0.0 24.8 37.2#
87 0.0 10.7 16.1#



#47
Bromodichloromethane
Concen: 1.981 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. -0.006 min
Lab File: VY016952.D
Acq: 09 Jan 2024 16:34

Tgt Ion: 83 Resp: 4541
Ion Ratio Lower Upper
83 100
85 0.0 53.2 79.8#
127 0.0 6.4 9.6#

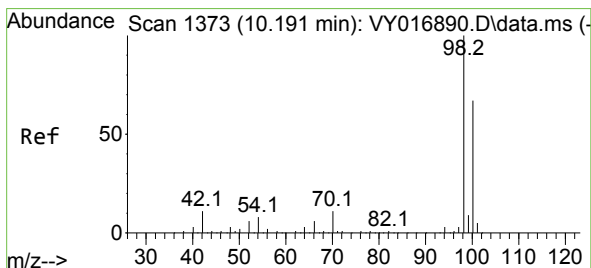
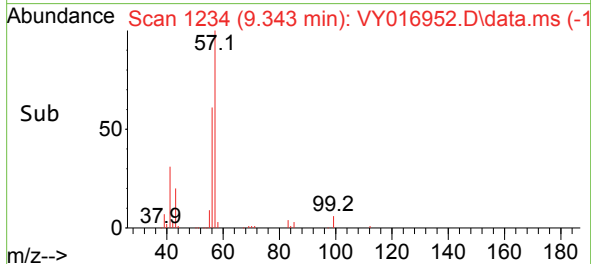
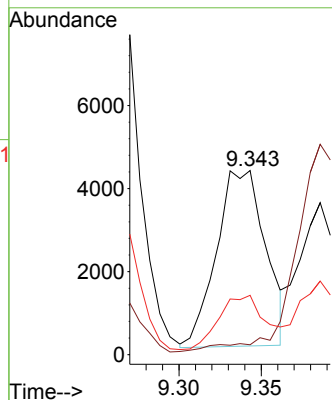
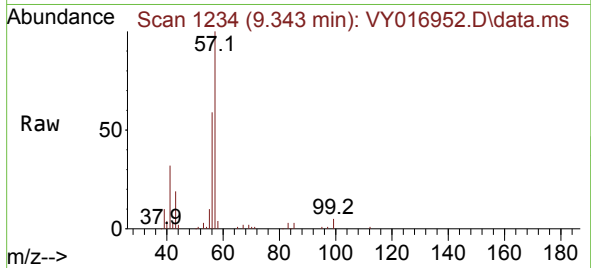




#48
Methyl methacrylate
Concen: 8.641 ug/l
RT: 9.343 min Scan# 11
Delta R.T. 0.042 min
Lab File: VY016952.D
Acq: 09 Jan 2024 16:34

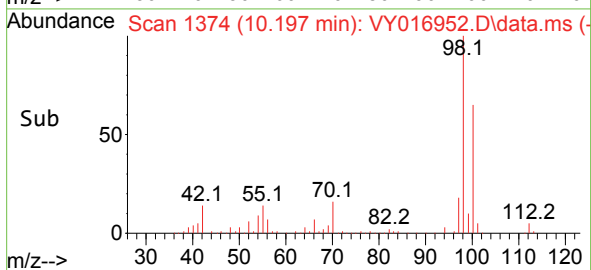
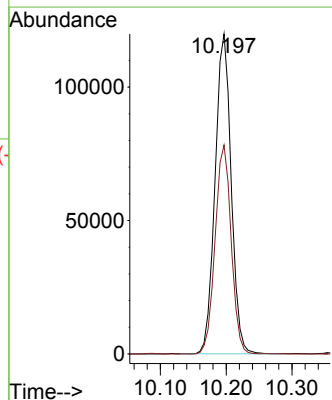
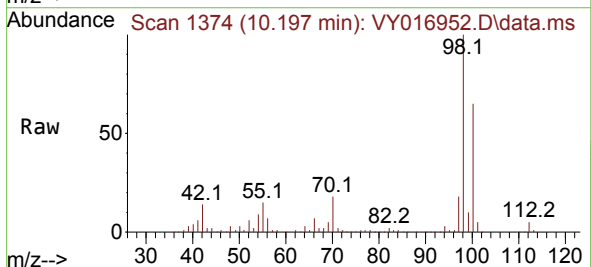
Instrument :
MSVOA_Y
ClientSampleId :

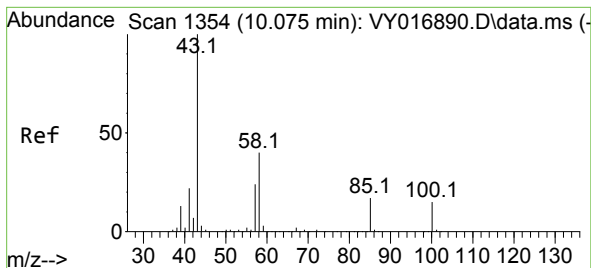
Tgt Ion: 41 Resp: 8790
Ion Ratio Lower Upper
41 100
69 0.0 72.1 108.1#
39 29.4 42.8 64.2#



#50
Toluene-d8
Concen: 39.822 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.006 min
Lab File: VY016952.D
Acq: 09 Jan 2024 16:34

Tgt Ion: 98 Resp: 203807
Ion Ratio Lower Upper
98 100
100 65.2 52.3 78.5

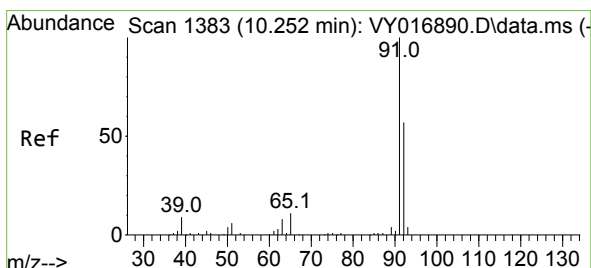
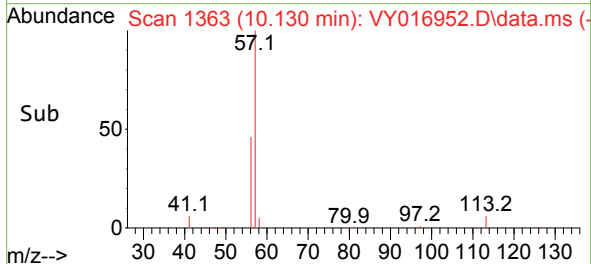
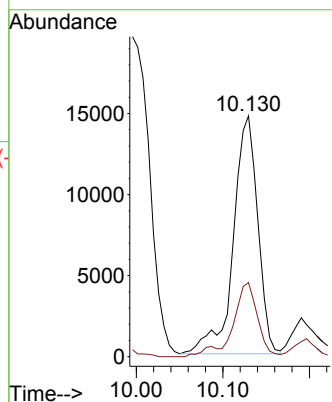
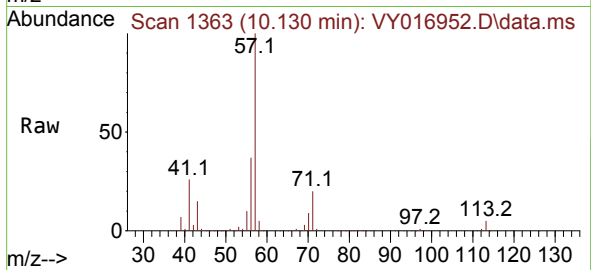




#51
4-Methyl-2-Pentanone
Concen: 28.773 ug/l
RT: 10.130 min Scan# 11
Delta R.T. 0.049 min
Lab File: VY016952.D
Acq: 09 Jan 2024 16:34

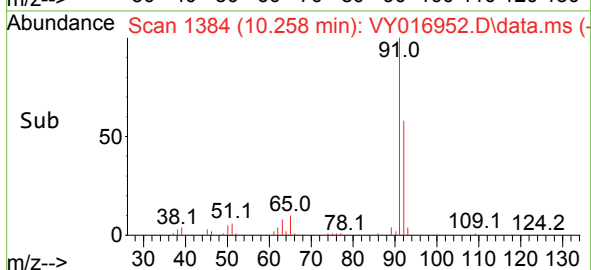
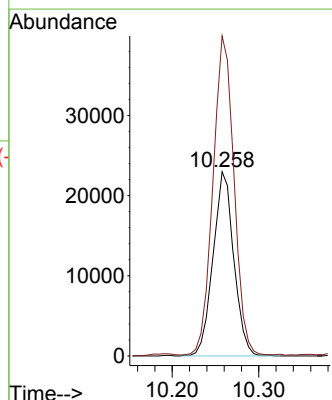
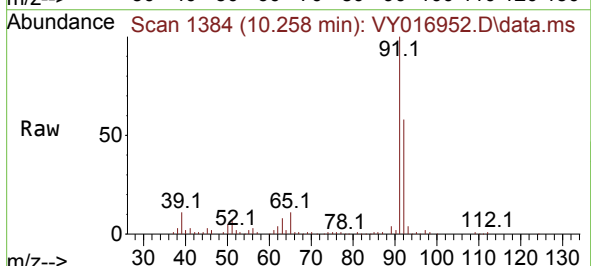
Instrument :
MSVOA_Y
ClientSampleId :

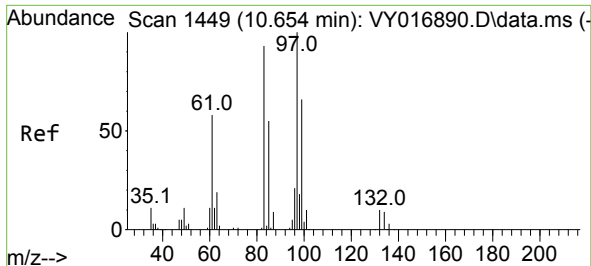
Tgt Ion: 43 Resp: 28844
Ion Ratio Lower Upper
43 100
58 31.3 32.2 48.2#



#52
Toluene
Concen: 9.762 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VY016952.D
Acq: 09 Jan 2024 16:34

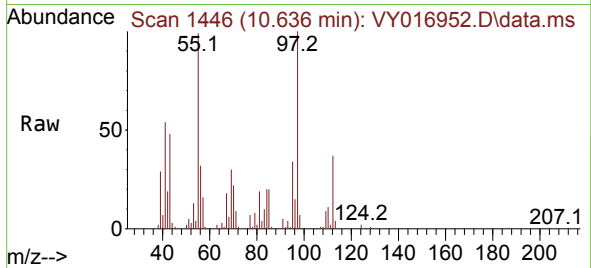
Tgt Ion: 92 Resp: 38282
Ion Ratio Lower Upper
92 100
91 175.0 137.6 206.4



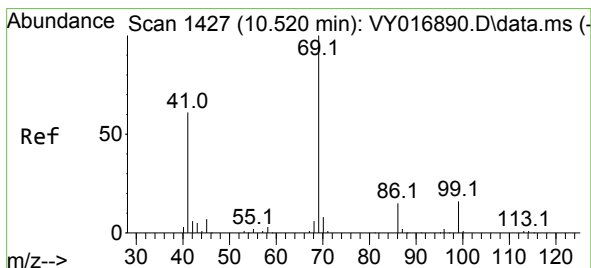
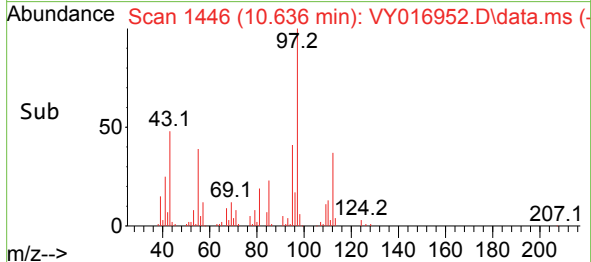
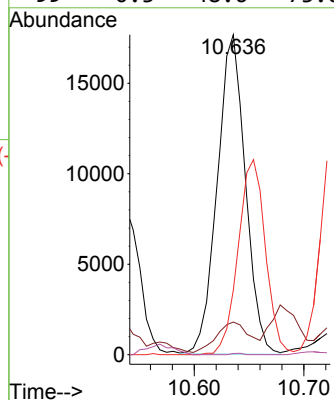


#55
1,1,2-Trichloroethane
Concen: 25.262 ug/l
RT: 10.636 min Scan# 1446
Delta R.T. -0.018 min
Lab File: VY016952.D
Acq: 09 Jan 2024 16:34

Instrument :
MSVOA_Y
ClientSampleId :

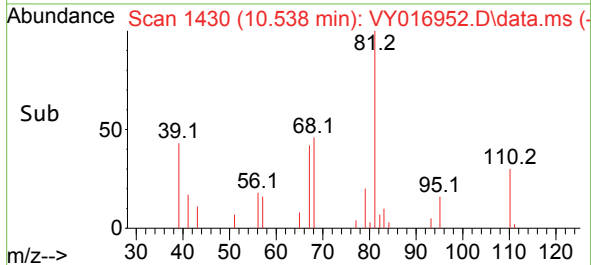
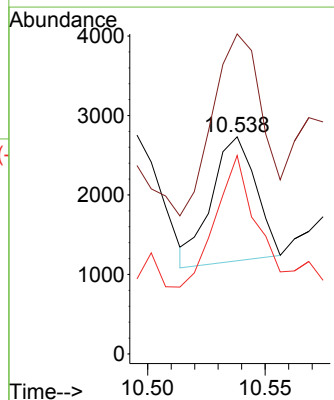
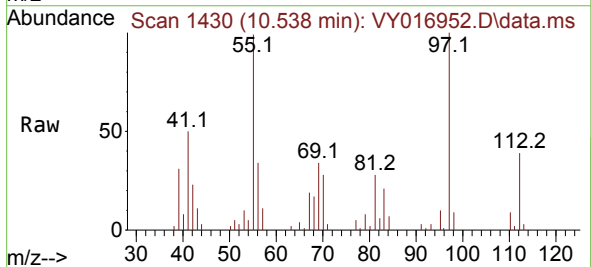


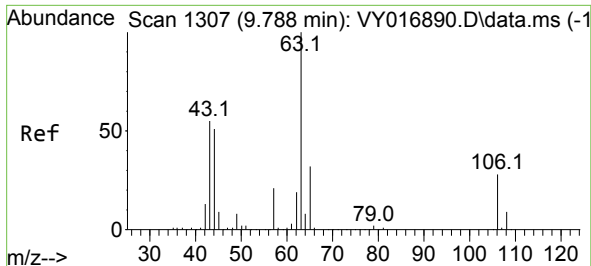
Tgt Ion:	97	Resp:	31507
Ion	Ratio	Lower	Upper
97	100		
83	8.5	69.4	104.2#
85	20.3	43.9	65.9#
99	0.3	48.6	73.0#



#56
Ethyl methacrylate
Concen: 1.954 ug/l
RT: 10.538 min Scan# 1430
Delta R.T. 0.018 min
Lab File: VY016952.D
Acq: 09 Jan 2024 16:34

Tgt Ion:	69	Resp:	2064
Ion	Ratio	Lower	Upper
69	100		
41	303.4	49.2	73.8#
39	175.5	26.8	40.2#

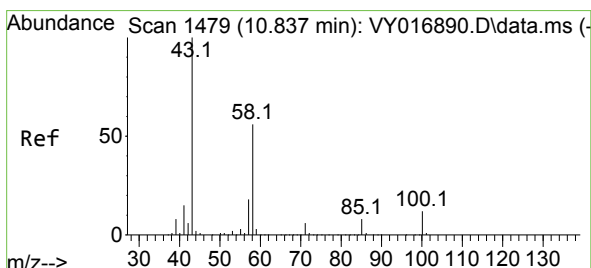
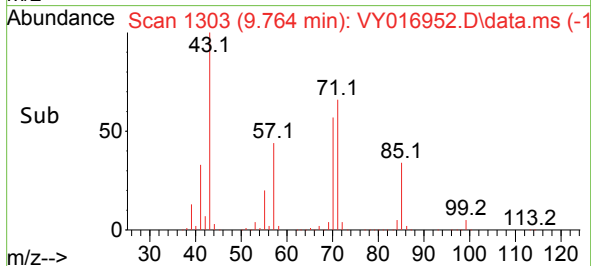
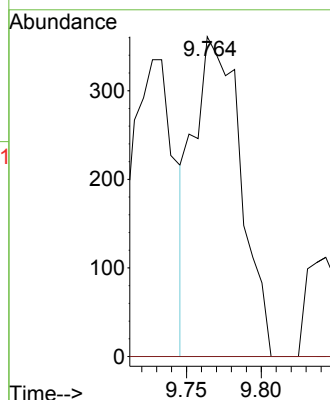
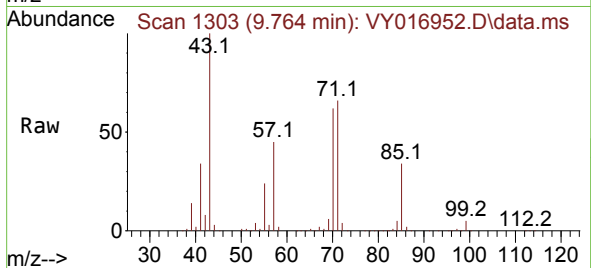




#58
2-Chloroethyl Vinyl ether
Concen: 18.555 ug/l
RT: 9.764 min Scan# 11
Delta R.T. -0.024 min
Lab File: VY016952.D
Acq: 09 Jan 2024 16:34

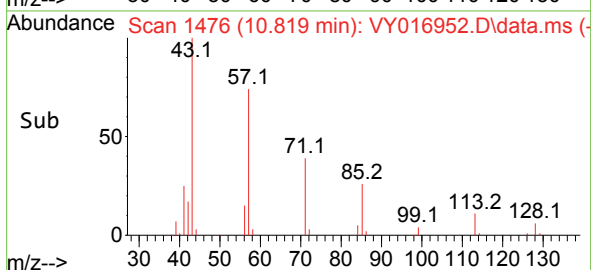
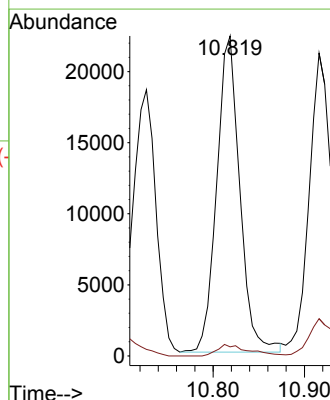
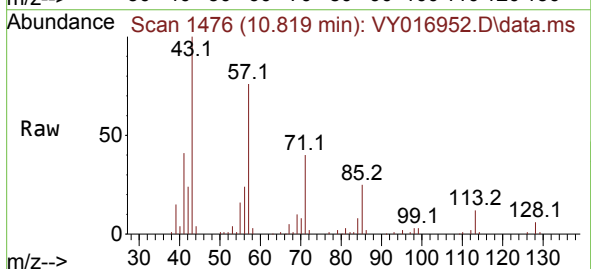
Instrument :
MSVOA_Y
ClientSampleId :

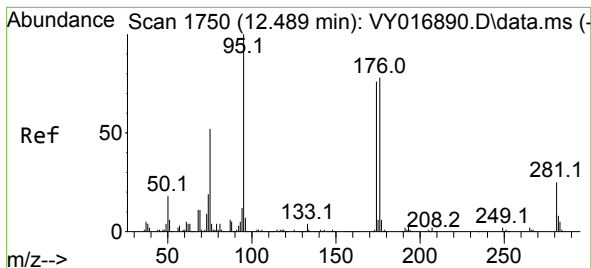
Tgt Ion: 63 Resp: 799
Ion Ratio Lower Upper
63 100
106 0.0 22.4 33.6#



#59
2-Hexanone
Concen: 52.880 ug/l
RT: 10.819 min Scan# 1476
Delta R.T. -0.024 min
Lab File: VY016952.D
Acq: 09 Jan 2024 16:34

Tgt Ion: 43 Resp: 39033
Ion Ratio Lower Upper
43 100
58 4.9 28.1 84.3#

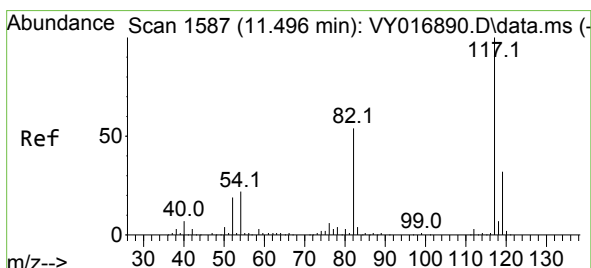
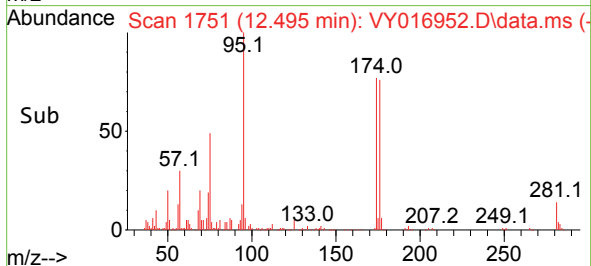
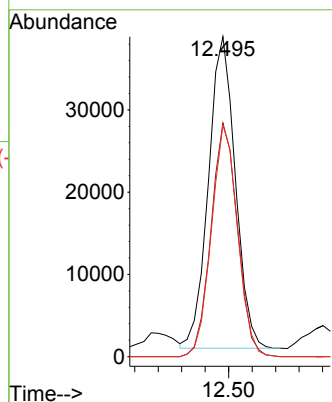
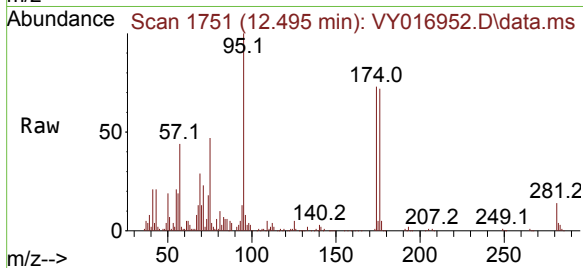




#62
4-Bromofluorobenzene
Concen: 34.821 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016952.D
Acq: 09 Jan 2024 16:34

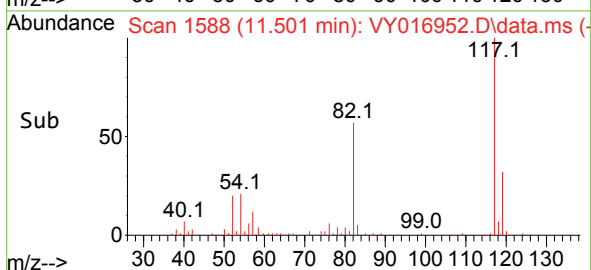
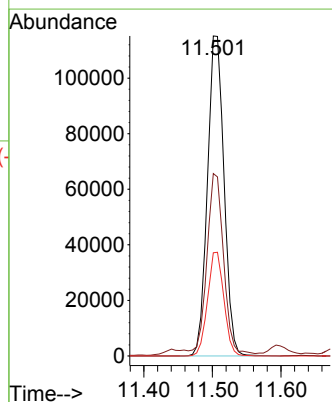
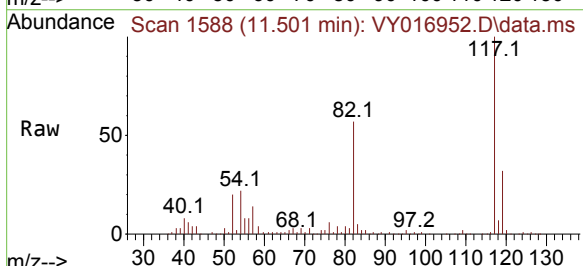
Instrument :
MSVOA_Y
ClientSampleId :

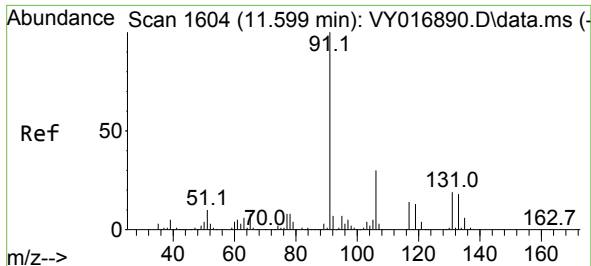
Tgt Ion: 95 Resp: 60127
Ion Ratio Lower Upper
95 100
174 73.8 0.0 160.0
176 72.2 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.501 min Scan# 1588
Delta R.T. -0.001 min
Lab File: VY016952.D
Acq: 09 Jan 2024 16:34

Tgt Ion: 117 Resp: 194175
Ion Ratio Lower Upper
117 100
82 55.3 43.8 65.8
119 32.3 26.5 39.7





#67

Ethyl Benzene

Concen: 69.848 ug/l

RT: 11.605 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016952.D

Acq: 09 Jan 2024 16:34

Instrument :

MSVOA_Y

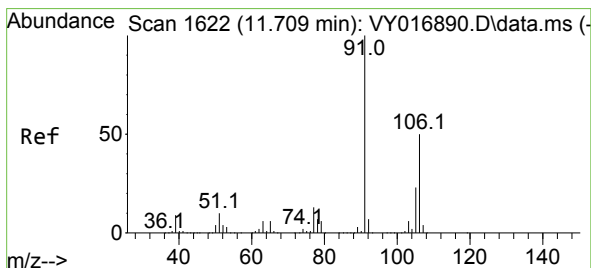
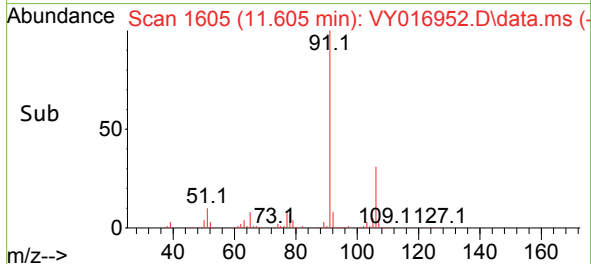
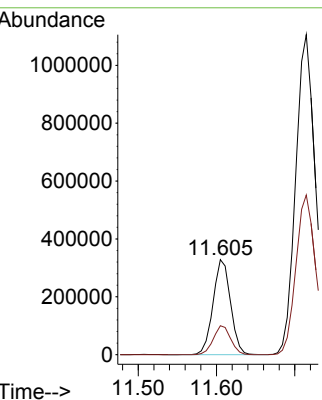
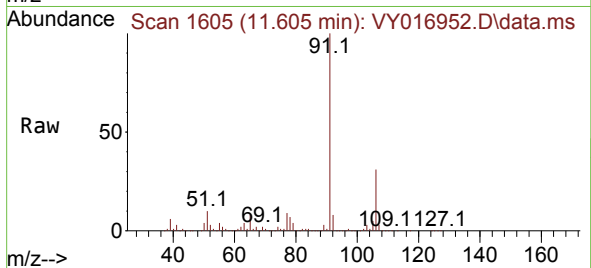
ClientSampleId :

Tgt Ion: 91 Resp: 508663

Ion Ratio Lower Upper

91 100

106 30.6 25.0 37.4



#68

m/p-Xylenes

Concen: 359.323 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. 0.006 min

Lab File: VY016952.D

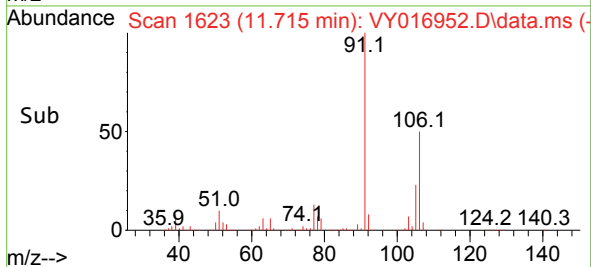
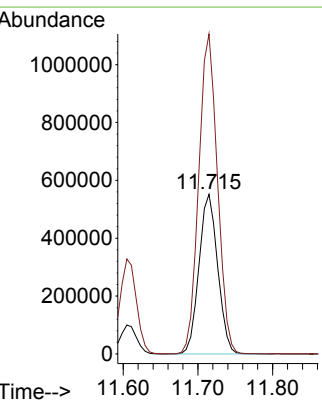
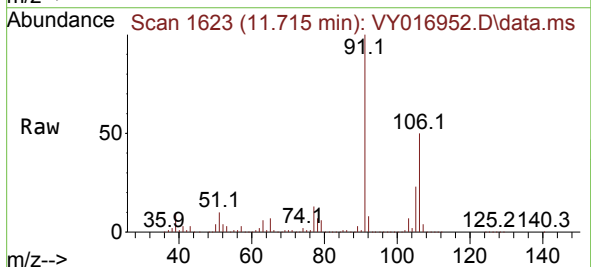
Acq: 09 Jan 2024 16:34

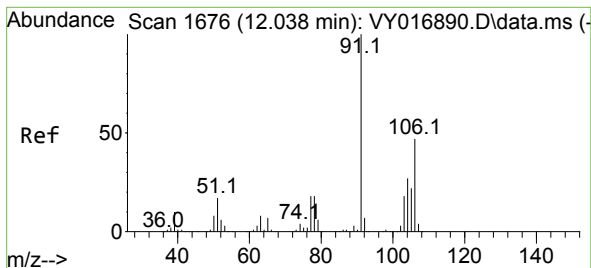
Tgt Ion:106 Resp: 960506

Ion Ratio Lower Upper

106 100

91 200.4 160.7 241.1





#69

o-Xylene

Concen: 83.831 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016952.D

Acq: 09 Jan 2024 16:34

Instrument :

MSVOA_Y

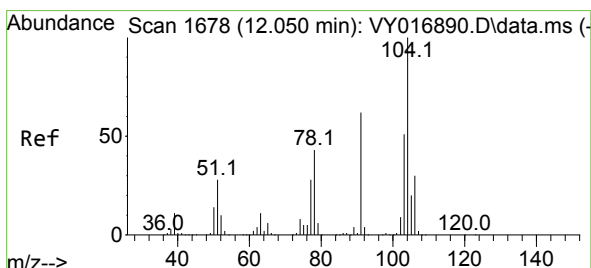
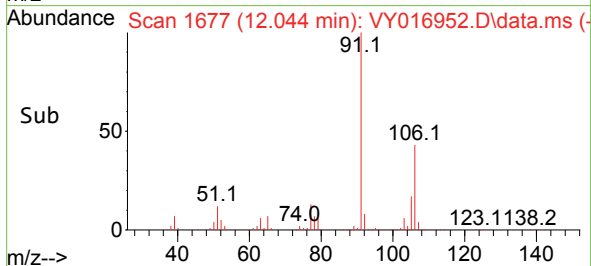
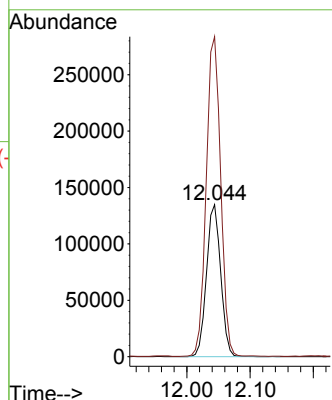
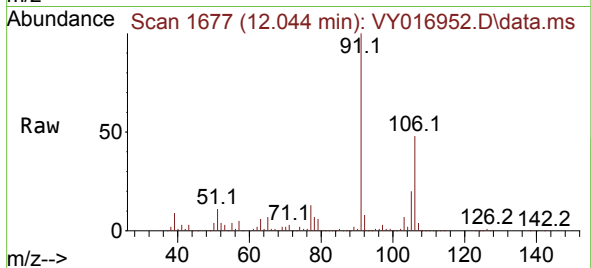
ClientSampleId :

Tgt Ion:106 Resp: 210078

Ion Ratio Lower Upper

106 100

91 213.7 106.5 319.5



#70

Styrene

Concen: 3.235 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.006 min

Lab File: VY016952.D

Acq: 09 Jan 2024 16:34

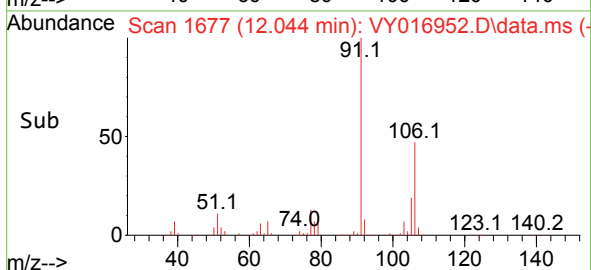
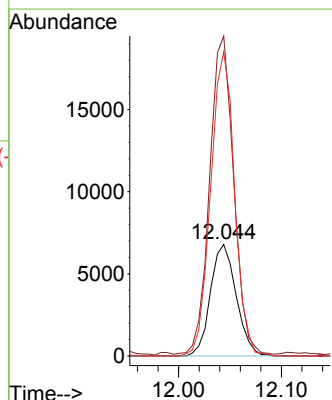
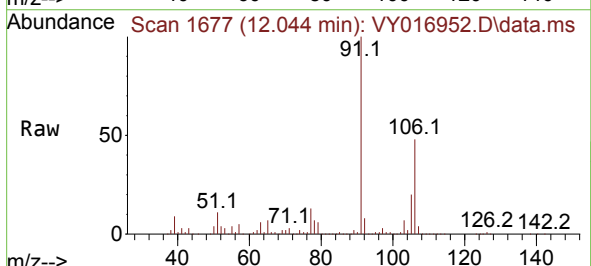
Tgt Ion:104 Resp: 11798

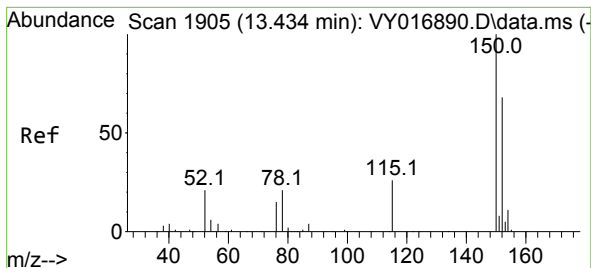
Ion Ratio Lower Upper

104 100

78 265.6 39.2 58.8#

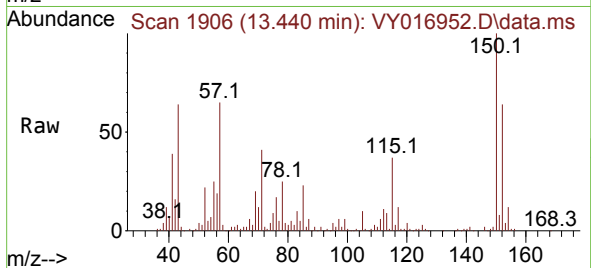
103 253.1 43.8 65.6#



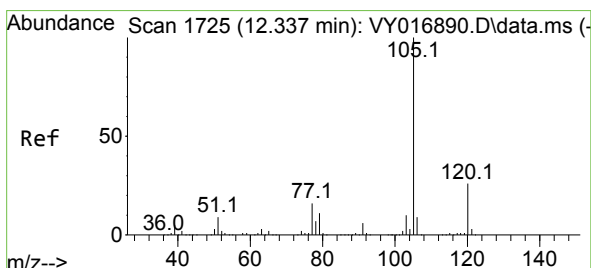
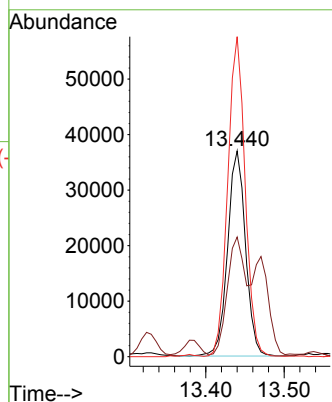
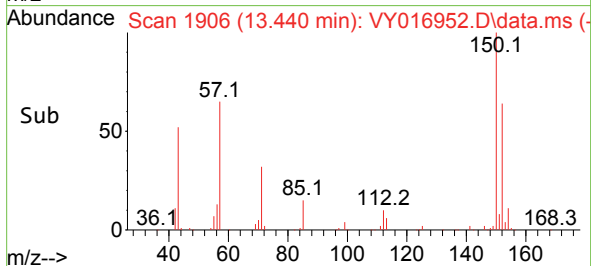


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY016952.D
Acq: 09 Jan 2024 16:34

Instrument :
MSVOA_Y
ClientSampleId :

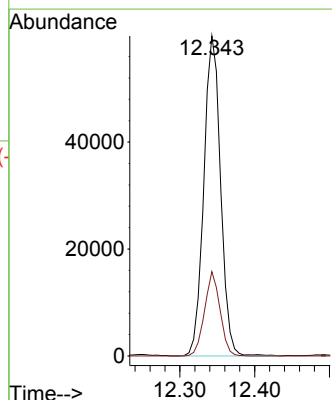
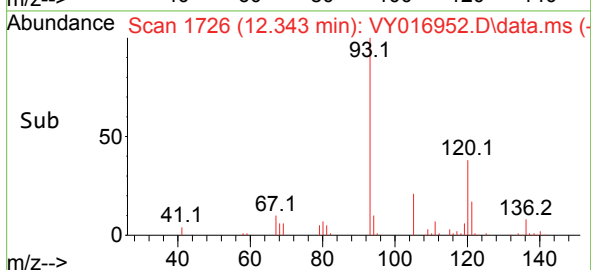
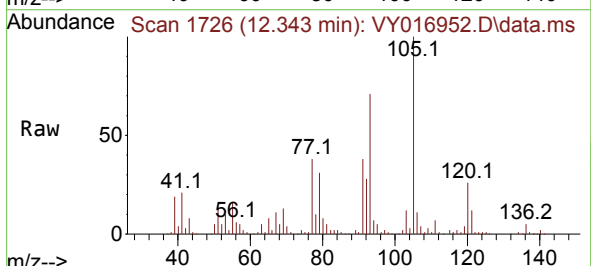


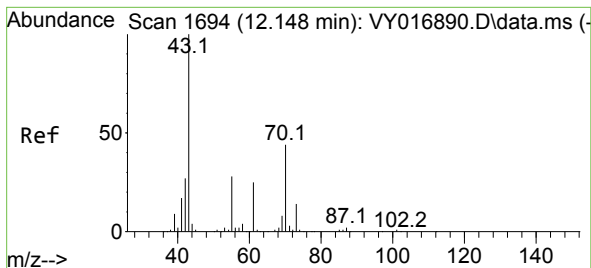
Tgt Ion:152 Resp: 58787
Ion Ratio Lower Upper
152 100
115 56.4 30.0 90.0
150 151.1 0.0 344.6



#73
Isopropylbenzene
Concen: 19.454 ug/l
RT: 12.343 min Scan# 1726
Delta R.T. 0.006 min
Lab File: VY016952.D
Acq: 09 Jan 2024 16:34

Tgt Ion:105 Resp: 93389
Ion Ratio Lower Upper
105 100
120 24.3 13.0 39.0





#74

N-amy1 acetate

Concen: 42.881 ug/l

RT: 12.135 min Scan# 1

Delta R.T. -0.019 min

Lab File: VY016952.D

Acq: 09 Jan 2024 16:34

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43 Resp: 41359

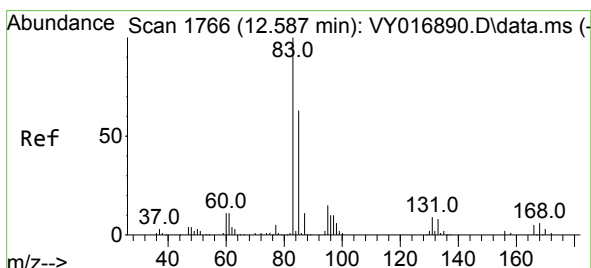
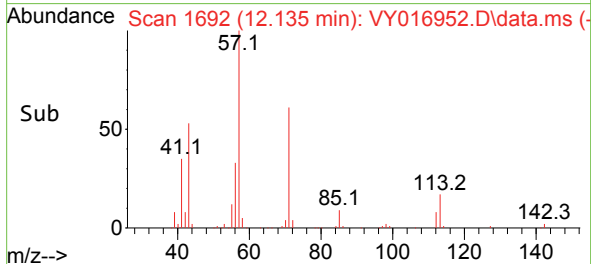
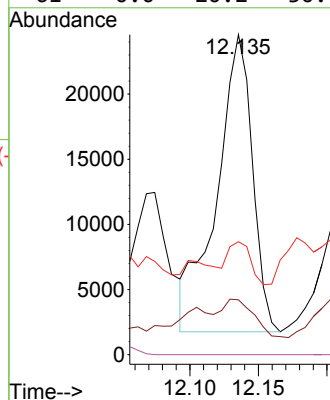
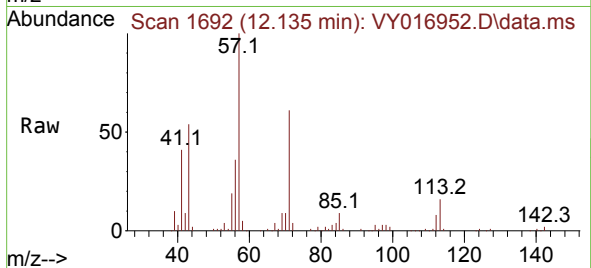
Ion Ratio Lower Upper

43 100

70 11.4 36.6 55.0#

55 8.8 22.2 33.4#

61 0.0 20.2 30.4#



#75

1,1,2,2-Tetrachloroethane

Concen: 2.030 ug/l

RT: 12.580 min Scan# 1765

Delta R.T. -0.013 min

Lab File: VY016952.D

Acq: 09 Jan 2024 16:34

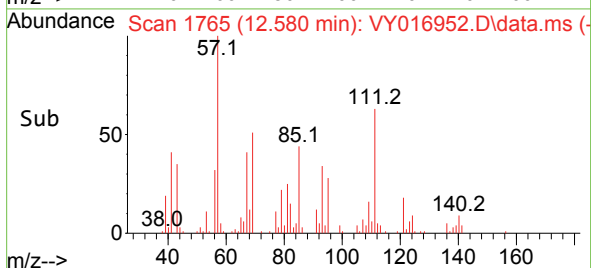
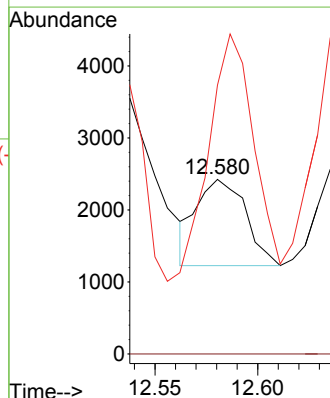
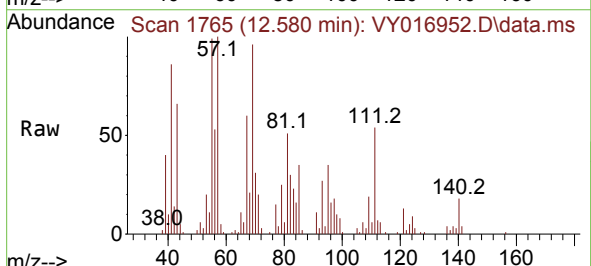
Tgt Ion: 83 Resp: 1986

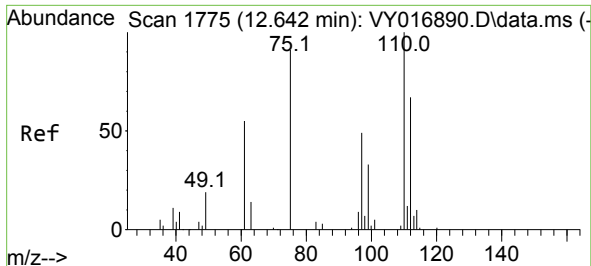
Ion Ratio Lower Upper

83 100

131 0.0 4.9 14.6#

85 278.0 32.6 98.0#

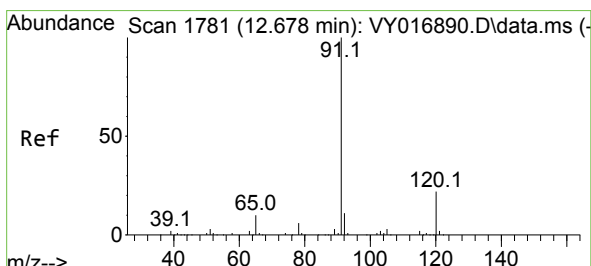
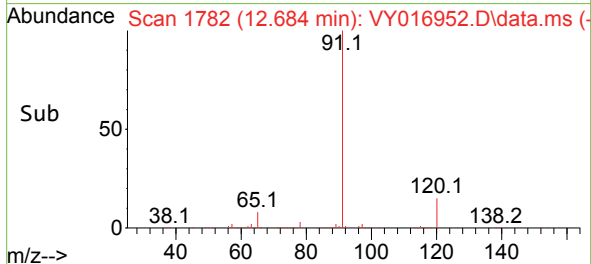
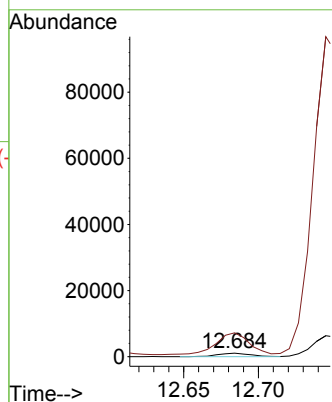
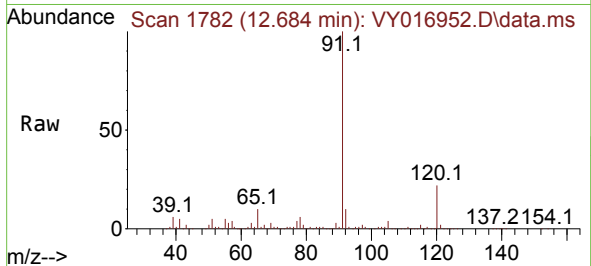




#76
1,2,3-Trichloropropane
Concen: 2.591 ug/l
RT: 12.684 min Scan# 1782
Delta R.T. 0.042 min
Lab File: VY016952.D
Acq: 09 Jan 2024 16:34

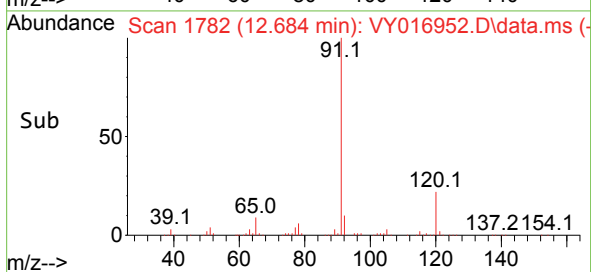
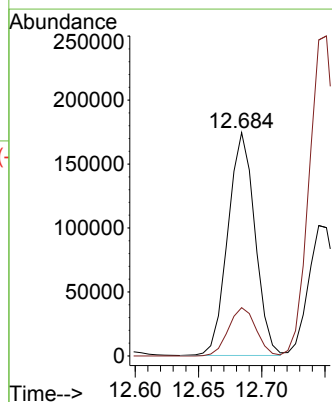
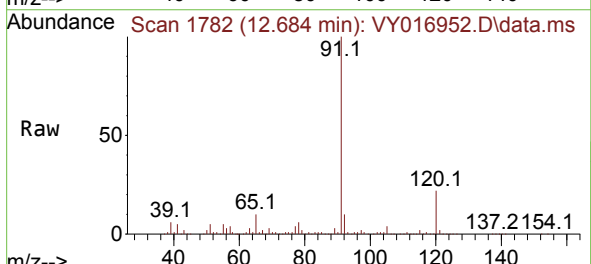
Instrument :
MSVOA_Y
ClientSampleId :

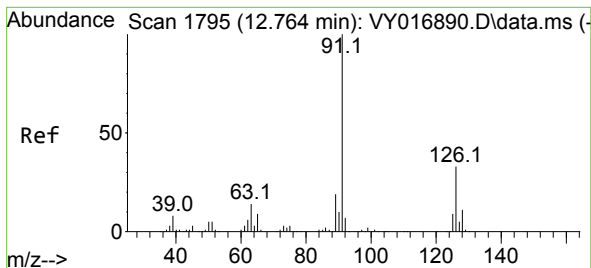
Tgt Ion: 75 Resp: 1653
Ion Ratio Lower Upper
75 100
77 609.9 0.0 0.0#



#78
n-propylbenzene
Concen: 44.446 ug/l
RT: 12.684 min Scan# 1782
Delta R.T. 0.006 min
Lab File: VY016952.D
Acq: 09 Jan 2024 16:34

Tgt Ion: 91 Resp: 259392
Ion Ratio Lower Upper
91 100
120 22.2 11.0 33.0

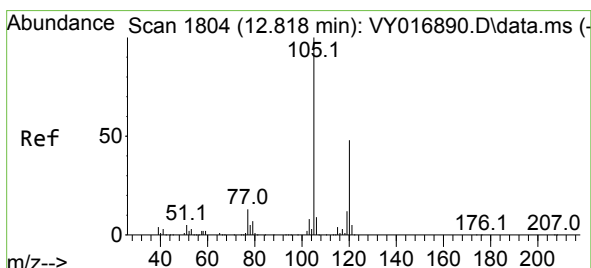
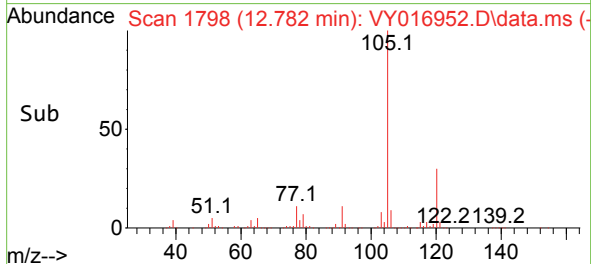
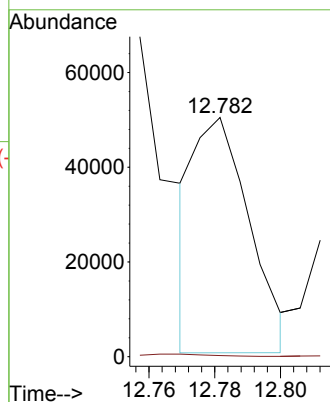
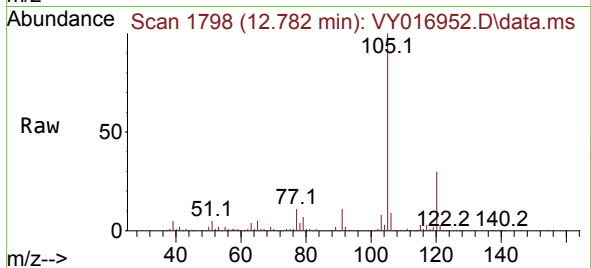




#79
2-Chlorotoluene
Concen: 17.917 ug/l
RT: 12.782 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY016952.D
Acq: 09 Jan 2024 16:34

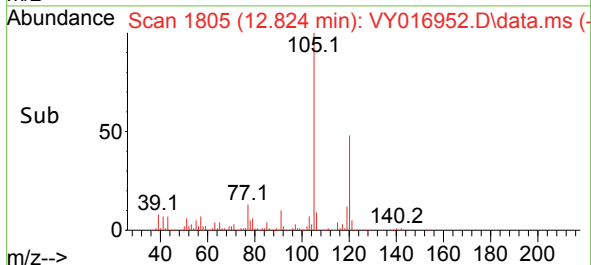
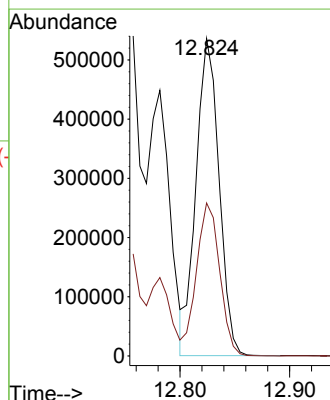
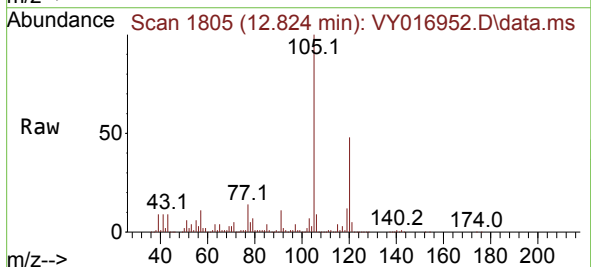
Instrument :
MSVOA_Y
ClientSampleId :

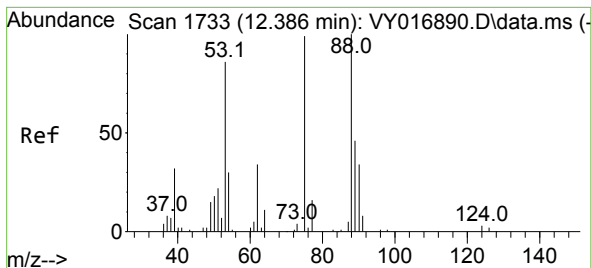
Tgt Ion: 91 Resp: 57985
Ion Ratio Lower Upper
91 100
126 1.3 17.0 51.0#



#80
1,3,5-Trimethylbenzene
Concen: 205.465 ug/l
RT: 12.824 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VY016952.D
Acq: 09 Jan 2024 16:34

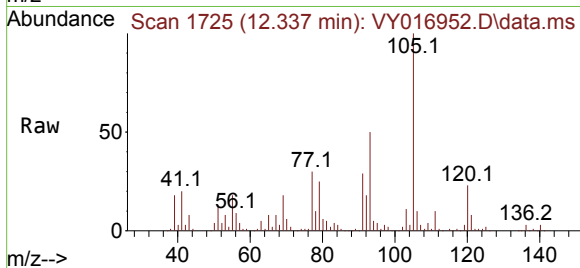
Tgt Ion: 105 Resp: 780085
Ion Ratio Lower Upper
105 100
120 48.9 24.3 72.8



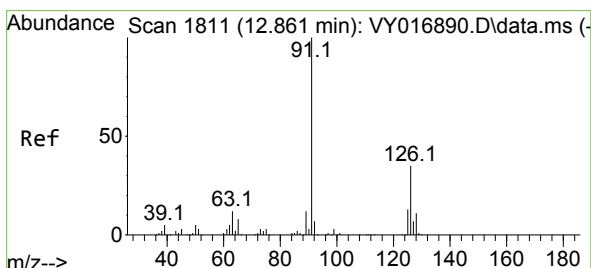
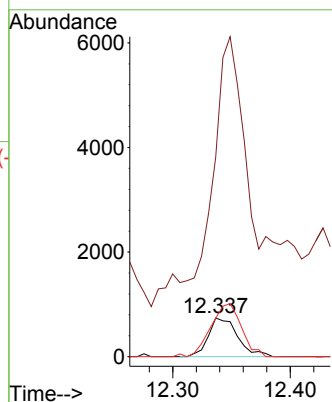
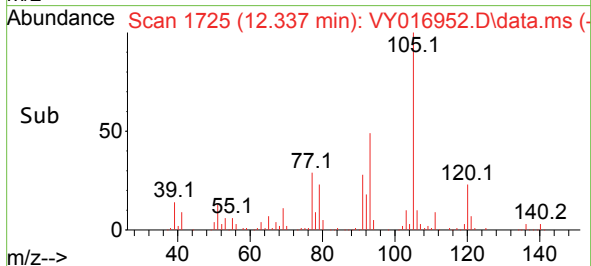


#81
trans-1,4-Dichloro-2-butene
Concen: 4.585 ug/l
RT: 12.337 min Scan# 11
Delta R.T. -0.048 min
Lab File: VY016952.D
Acq: 09 Jan 2024 16:34

Instrument :
MSVOA_Y
ClientSampleId :

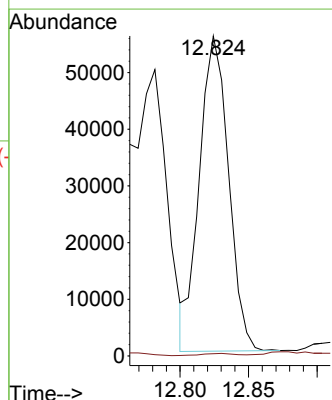
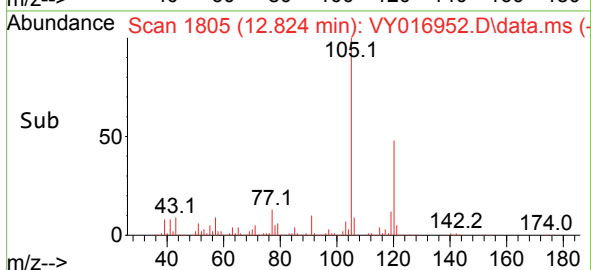
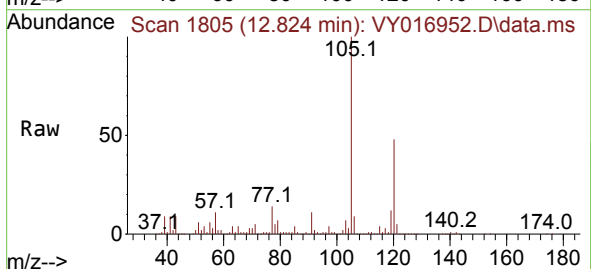


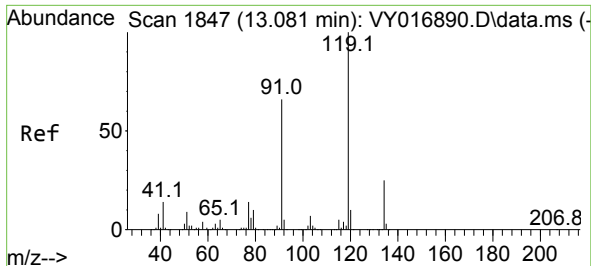
Tgt Ion: 75 Resp: 1288
Ion Ratio Lower Upper
75 100
53 952.9 74.0 111.0#
89 143.4 36.5 54.7#



#82
4-Chlorotoluene
Concen: 24.864 ug/l
RT: 12.824 min Scan# 1805
Delta R.T. -0.037 min
Lab File: VY016952.D
Acq: 09 Jan 2024 16:34

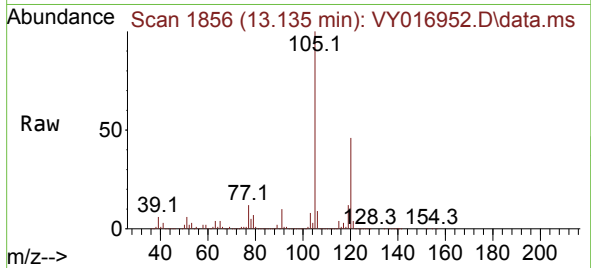
Tgt Ion: 91 Resp: 82208
Ion Ratio Lower Upper
91 100
126 0.8 17.1 51.2#



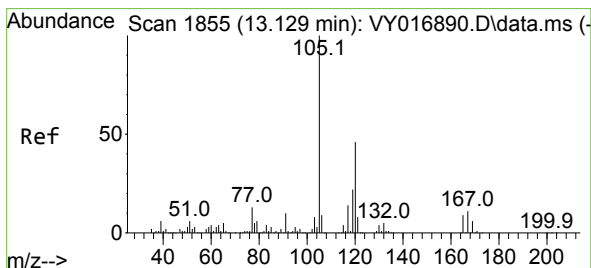
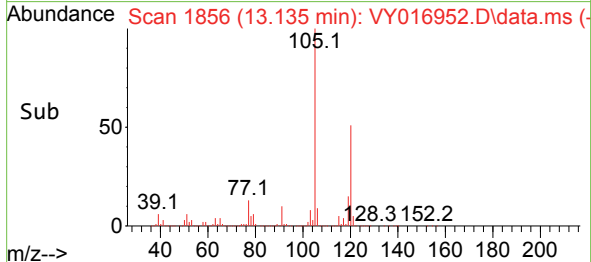
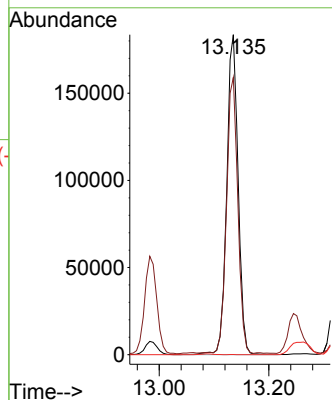


#83
 tert-Butylbenzene
 Concen: 79.485 ug/l
 RT: 13.135 min Scan# 1856
 Delta R.T. 0.048 min
 Lab File: VY016952.D
 Acq: 09 Jan 2024 16:34

Instrument :
 MSVOA_Y
 ClientSampleId :

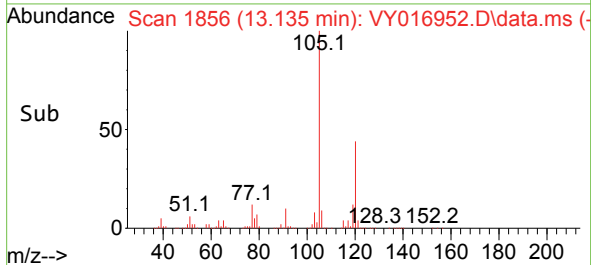
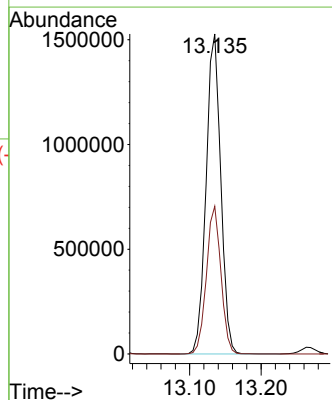
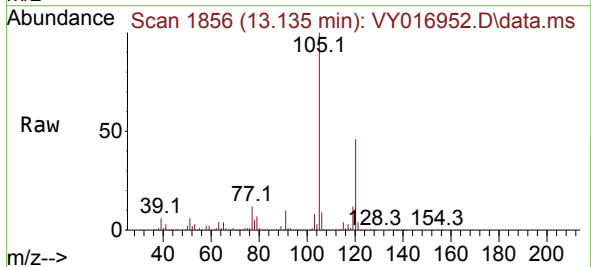


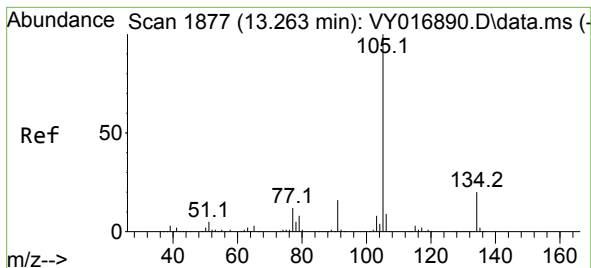
Tgt Ion:119 Resp: 265801
 Ion Ratio Lower Upper
 119 100
 91 85.3 31.5 94.5
 134 0.0 13.1 39.3#



#84
 1,2,4-Trimethylbenzene
 Concen: 581.643 ug/l
 RT: 13.135 min Scan# 1856
 Delta R.T. 0.006 min
 Lab File: VY016952.D
 Acq: 09 Jan 2024 16:34

Tgt Ion:105 Resp: 2174758
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.1 66.3





#85

sec-Butylbenzene

Concen: 438.902 ug/l

RT: 13.135 min Scan# 1856

Delta R.T. -0.128 min

Lab File: VY016952.D

Acq: 09 Jan 2024 16:34

Instrument :

MSVOA_Y

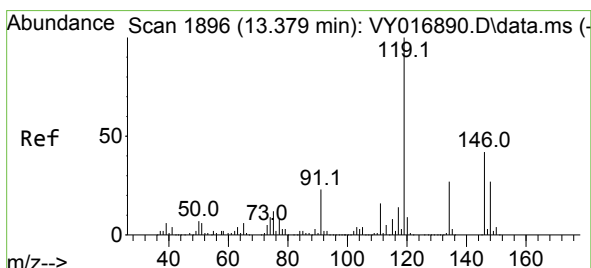
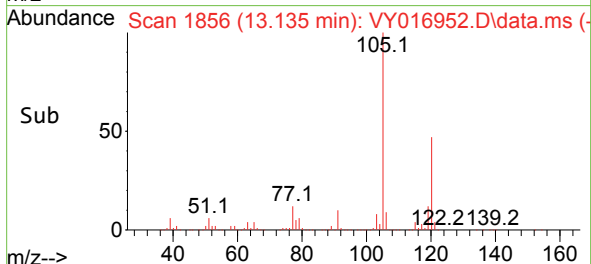
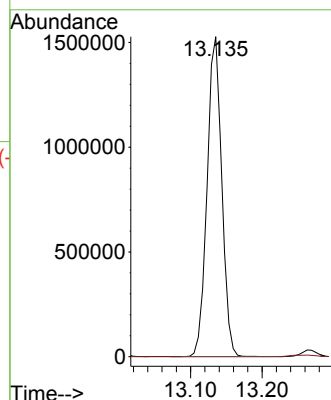
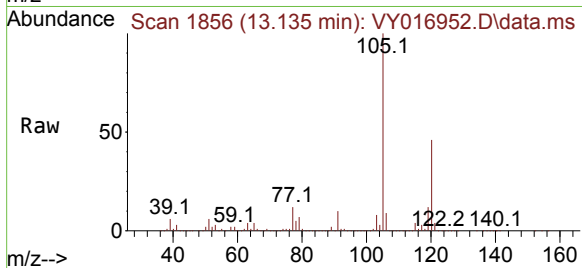
ClientSampleId :

Tgt Ion:105 Resp: 2174758

Ion Ratio Lower Upper

105 100

134 0.0 9.7 28.9#



#86

p-Isopropyltoluene

Concen: 13.821 ug/l

RT: 13.385 min Scan# 1897

Delta R.T. 0.006 min

Lab File: VY016952.D

Acq: 09 Jan 2024 16:34

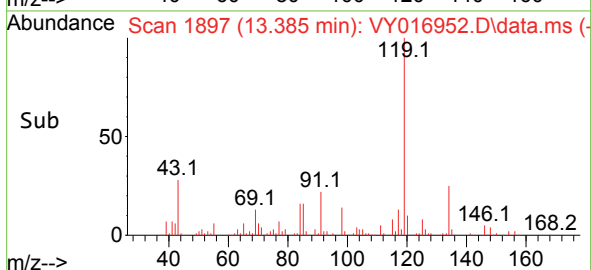
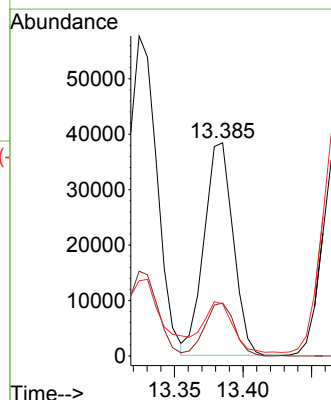
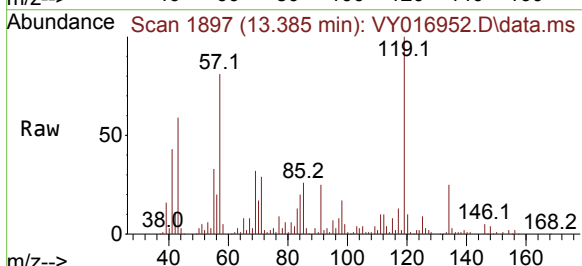
Tgt Ion:119 Resp: 56518

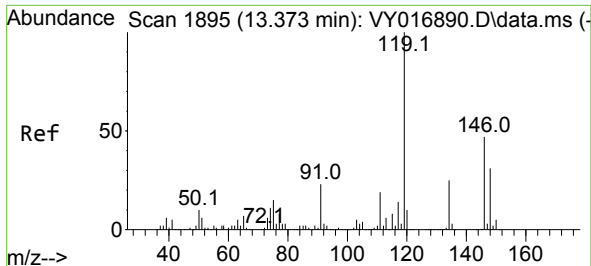
Ion Ratio Lower Upper

119 100

134 25.6 13.1 39.1

91 23.9 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 1.755 ug/l

RT: 13.379 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY016952.D

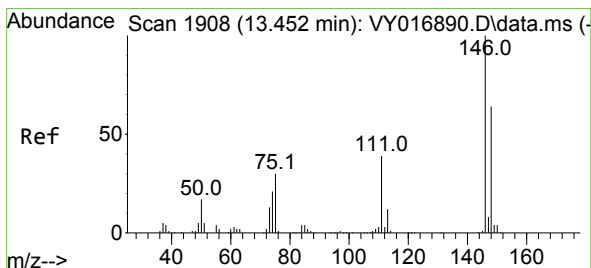
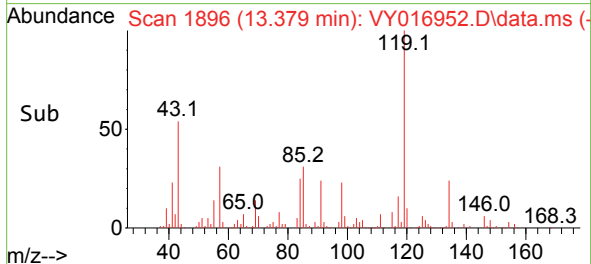
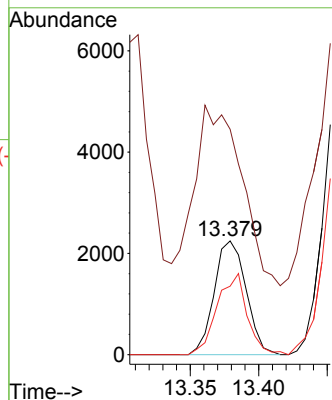
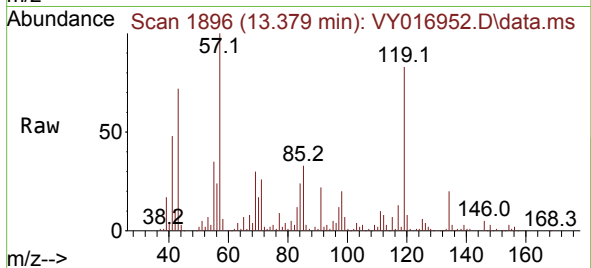
Acq: 09 Jan 2024 16:34

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:146 Resp: 3637
 Ion Ratio Lower Upper
 146 100
 111 0.0 20.2 60.5#
 148 67.1 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 4.569 ug/l

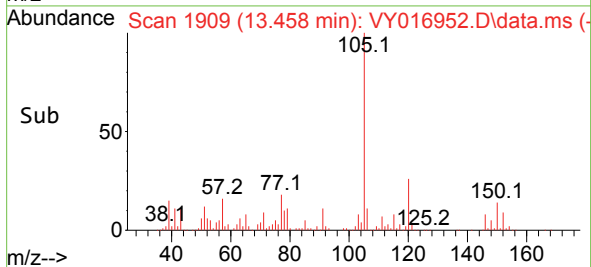
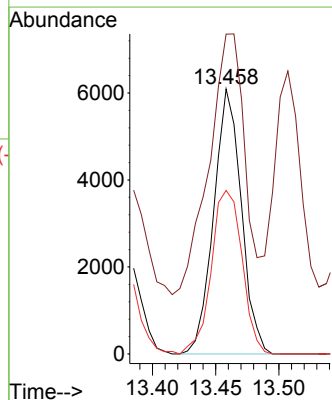
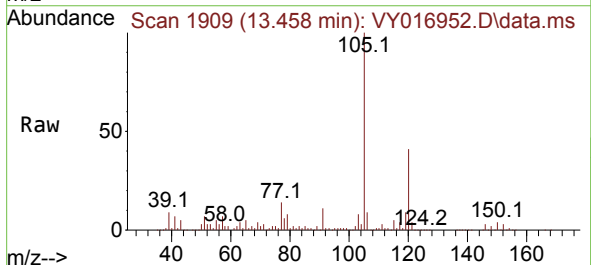
RT: 13.458 min Scan# 1909

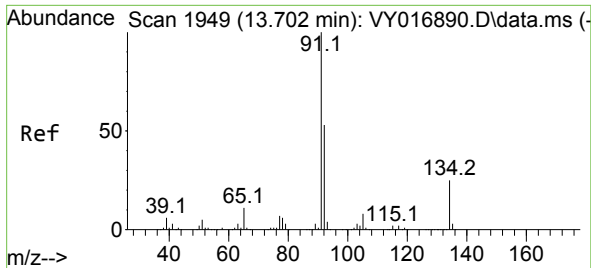
Delta R.T. 0.006 min

Lab File: VY016952.D

Acq: 09 Jan 2024 16:34

Tgt Ion:146 Resp: 9263
 Ion Ratio Lower Upper
 146 100
 111 124.7 19.3 57.9#
 148 68.6 31.6 94.7

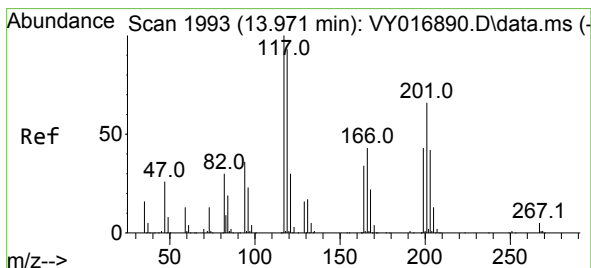
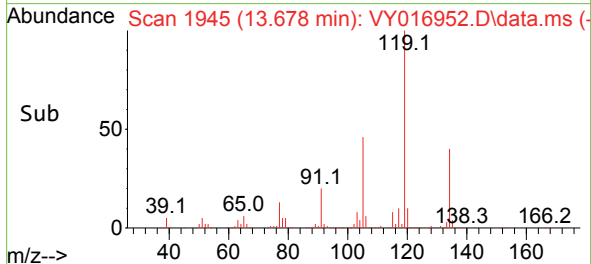
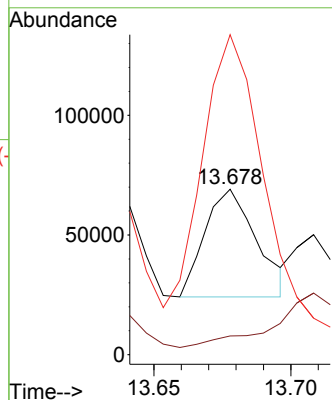
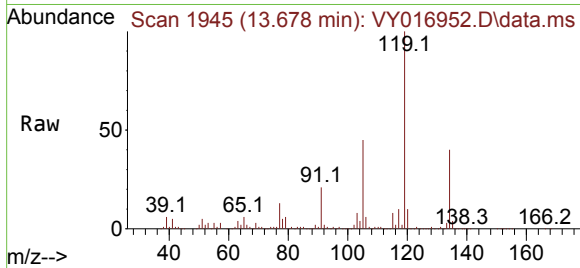




#89
n-Butylbenzene
Concen: 15.032 ug/l
RT: 13.678 min Scan# 1945
Delta R.T. -0.024 min
Lab File: VY016952.D
Acq: 09 Jan 2024 16:34

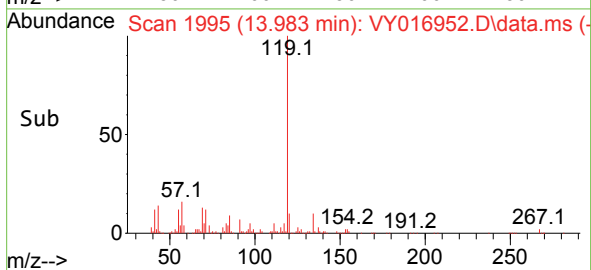
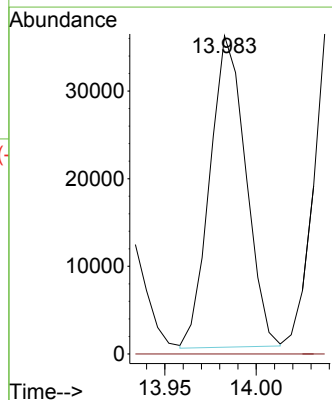
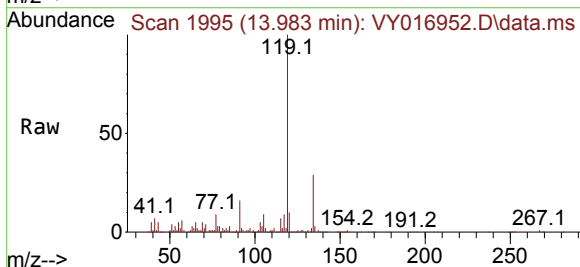
Instrument :
MSVOA_Y
ClientSampleId :

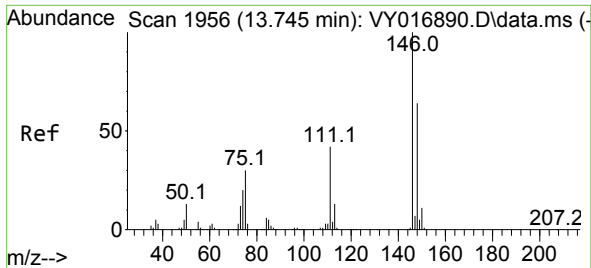
Tgt Ion: 91 Resp: 59104
Ion Ratio Lower Upper
91 100
92 0.0 26.4 79.2#
134 391.4 12.3 36.8#



#90
Hexachloroethane
Concen: 55.283 ug/l
RT: 13.983 min Scan# 1995
Delta R.T. 0.012 min
Lab File: VY016952.D
Acq: 09 Jan 2024 16:34

Tgt Ion: 117 Resp: 48579
Ion Ratio Lower Upper
117 100
201 0.0 33.4 100.1#

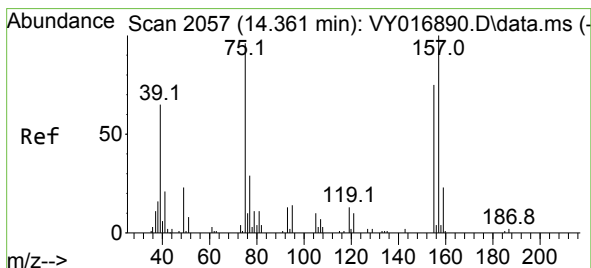
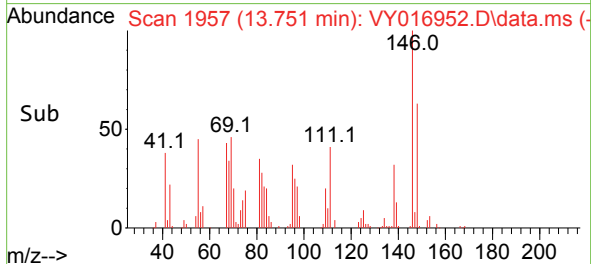
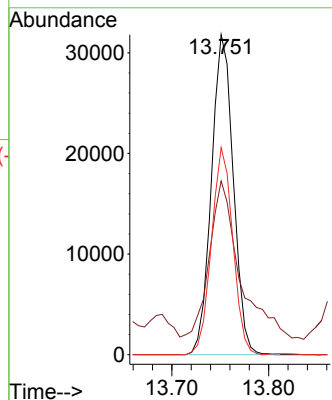
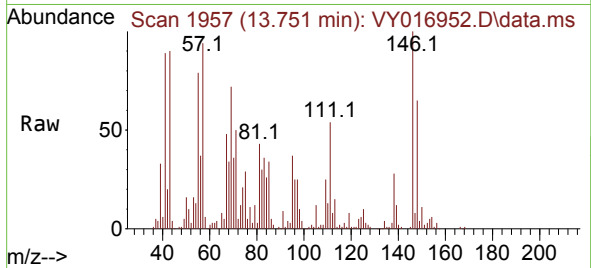




#91
1,2-Dichlorobenzene
Concen: 27.820 ug/l
RT: 13.751 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VY016952.D
Acq: 09 Jan 2024 16:34

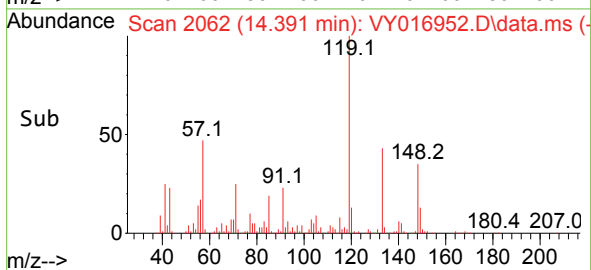
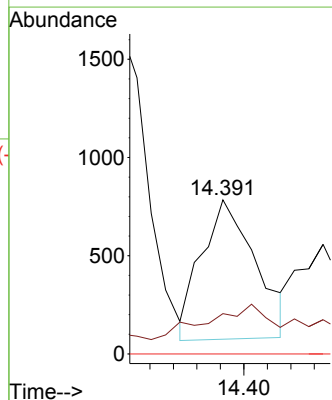
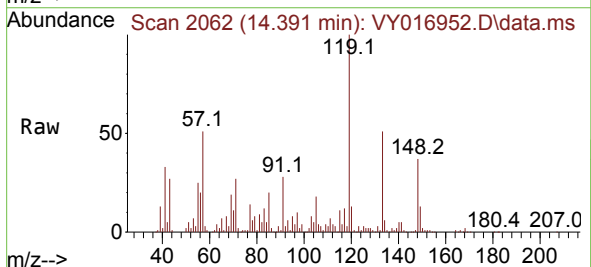
Instrument :
MSVOA_Y
ClientSampleId :

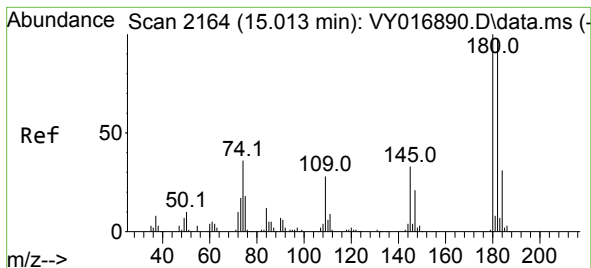
Tgt Ion:146 Resp: 49836
Ion Ratio Lower Upper
146 100
111 69.5 20.5 61.6#
148 63.3 31.4 94.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 9.221 ug/l
RT: 14.391 min Scan# 2062
Delta R.T. 0.024 min
Lab File: VY016952.D
Acq: 09 Jan 2024 16:34

Tgt Ion: 75 Resp: 1131
Ion Ratio Lower Upper
75 100
155 28.2 42.1 126.3#
157 0.0 55.8 167.4#





#93

1,2,4-Trichlorobenzene

Concen: 1.610 ug/l

RT: 15.025 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY016952.D

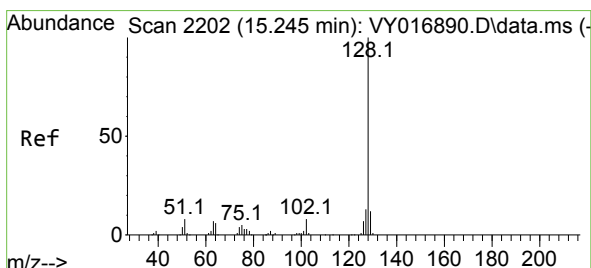
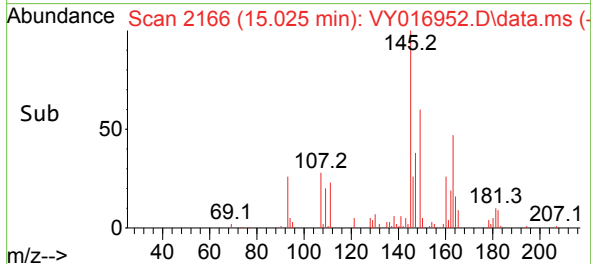
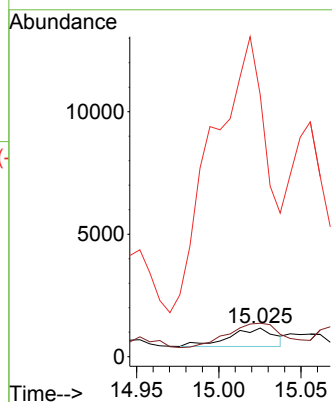
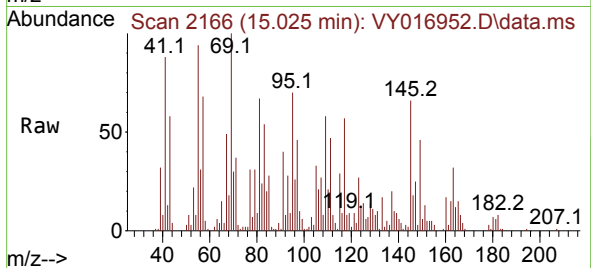
Acq: 09 Jan 2024 16:34

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:180 Resp: 1432
 Ion Ratio Lower Upper
 180 100
 182 169.3 47.9 143.7#
 145 2273.5 15.9 47.7#



#95

Naphthalene

Concen: 137.404 ug/l

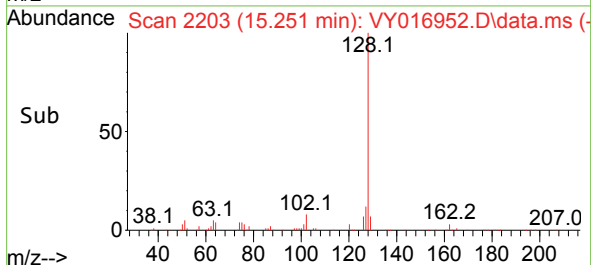
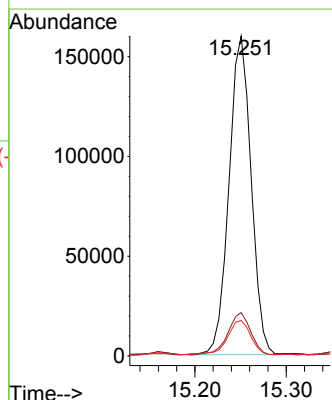
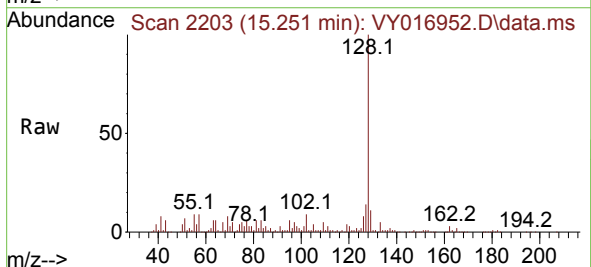
RT: 15.251 min Scan# 2203

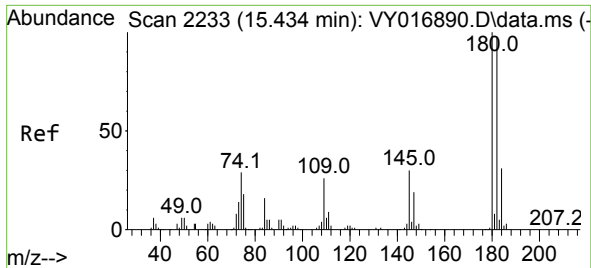
Delta R.T. 0.006 min

Lab File: VY016952.D

Acq: 09 Jan 2024 16:34

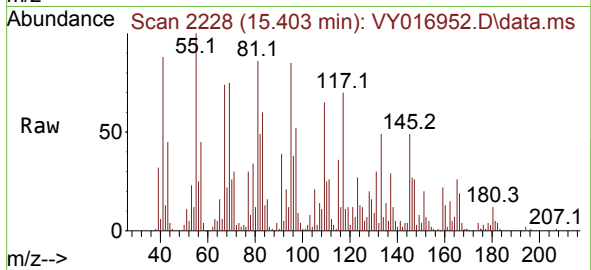
Tgt Ion:128 Resp: 268878
 Ion Ratio Lower Upper
 128 100
 127 14.1 10.2 15.4
 129 11.1 8.6 12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 3.297 ug/l
 RT: 15.403 min Scan# 21
 Delta R.T. -0.031 min
 Lab File: VY016952.D
 Acq: 09 Jan 2024 16:34

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:180 Resp: 2490
 Ion Ratio Lower Upper
 180 100
 182 39.4 46.3 138.8#
 145 433.7 16.1 48.2#

