

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042524\
 Data File : VY018051.D
 Acq On : 25 Apr 2024 15:17
 Operator : SY/MD
 Sample : P2261-03
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 26 02:03:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

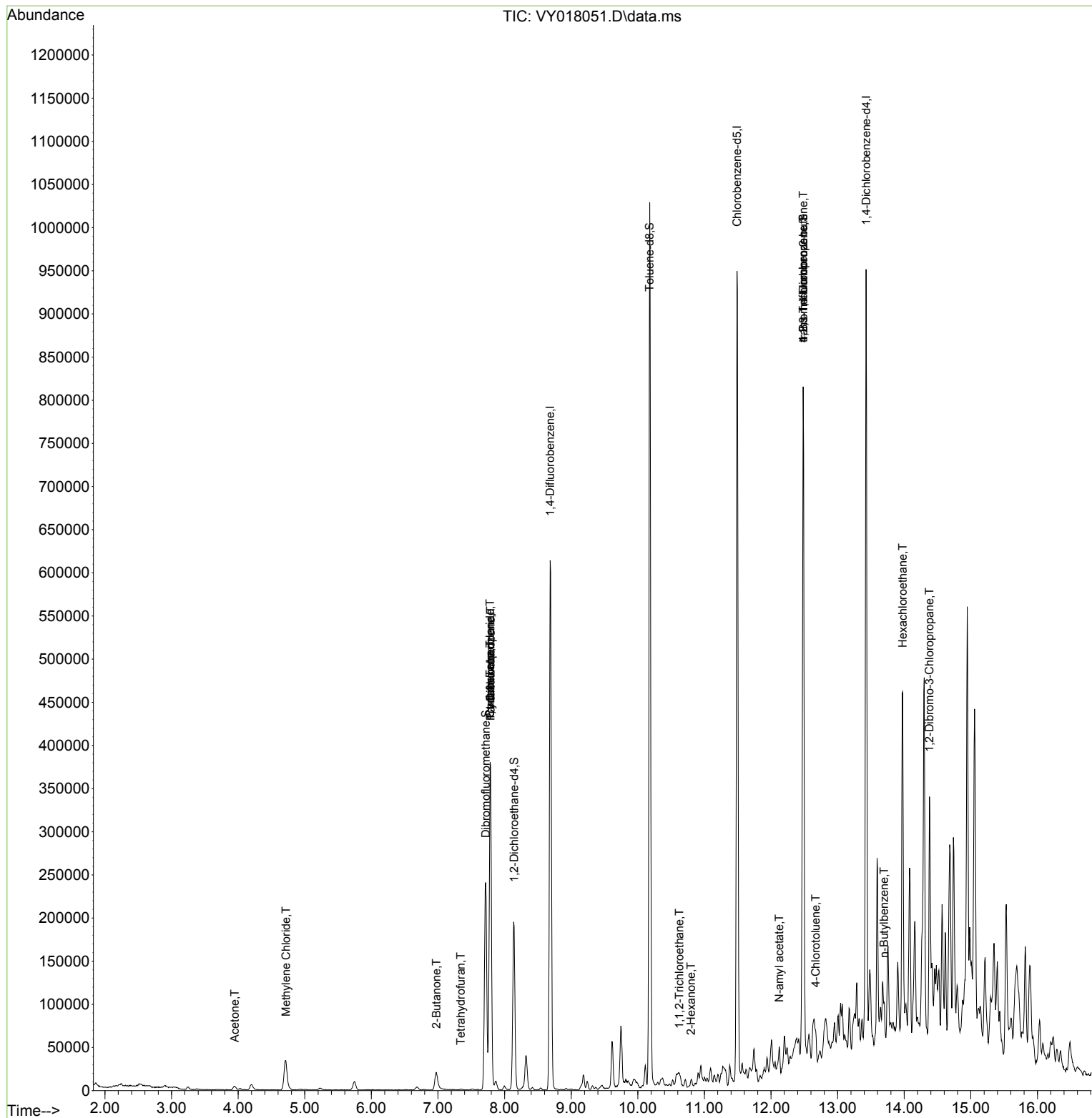
Internal Standards						
1) Pentafluorobenzene	7.789	168	326184	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	575293	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	557554	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	247601	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	147179	52.141	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.280%	
35) Dibromofluoromethane	7.715	113	177845	50.108	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.220%	
50) Toluene-d8	10.178	98	689903	51.227	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.460%	
62) 4-Bromofluorobenzene	12.483	95	227647	54.580	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.160%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.929	59	511	Below Cal	#	88
16) Acetone	3.948	43	7754	13.903	ug/l	97
20) Methylene Chloride	4.716	84	28065	7.427	ug/l	94
25) 2-Butanone	6.978	43	1693	2.065	ug/l #	61
29) Tetrahydrofuran	7.343	42	560	1.076	ug/l #	68
31) Cyclohexane	7.782	56	6298	1.167	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	21223	4.112	ug/l #	47
38) Carbon Tetrachloride	7.782	117	28594	5.483	ug/l #	16
55) 1,1,2-Trichloroethane	10.623	97	4119	1.472	ug/l #	32
59) 2-Hexanone	10.800	43	3819	2.666	ug/l #	20
74) N-amyl acetate	12.123	43	7330	2.013	ug/l #	53
76) 1,2,3-Trichloropropane	12.483	75	108734	46.798	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	108734	96.490	ug/l #	16
82) 4-Chlorotoluene	12.672	91	19725	1.554	ug/l #	39
89) n-Butylbenzene	13.696	91	28212	1.860	ug/l #	73
90) Hexachloroethane	13.976	117	19025	5.753	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.379	75	784	1.811	ug/l #	1

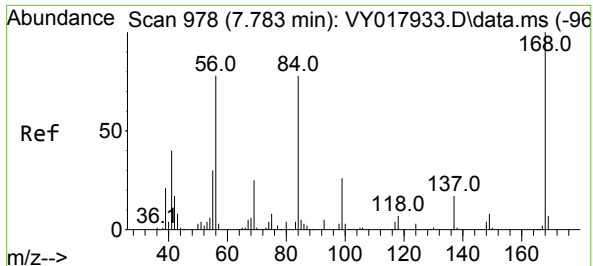
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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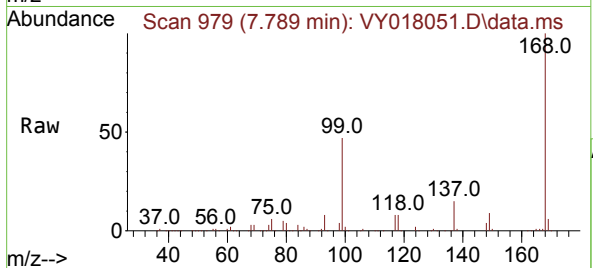
Quant Time: Apr 26 02:03:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:24:42 2024
Response via : Initial Calibration



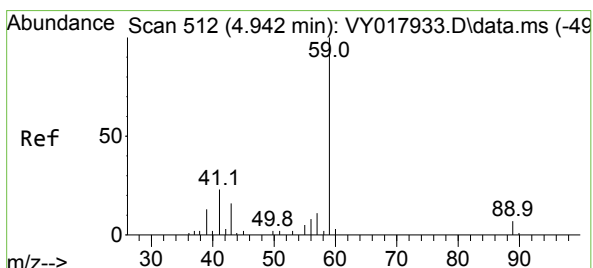
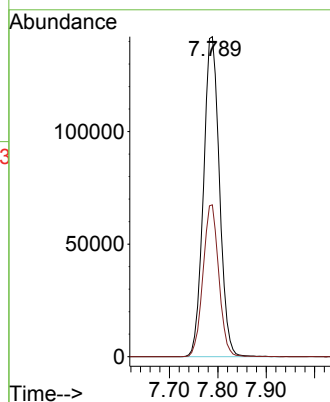
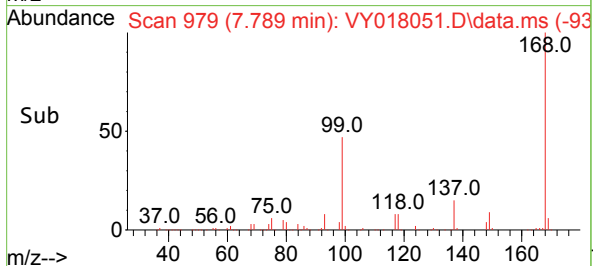


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018051.D
Acq: 25 Apr 2024 15:17

Instrument :
MSVOA_Y
ClientSampleId :

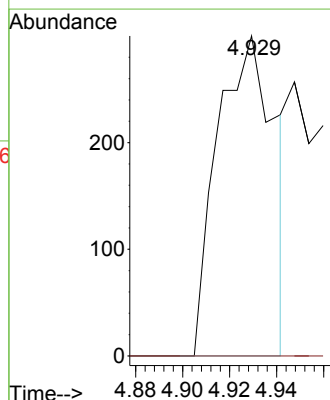
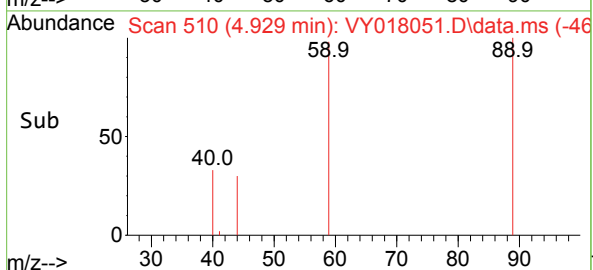
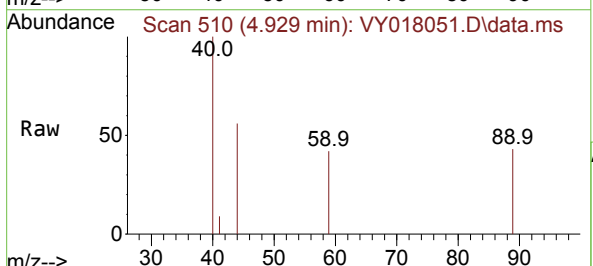


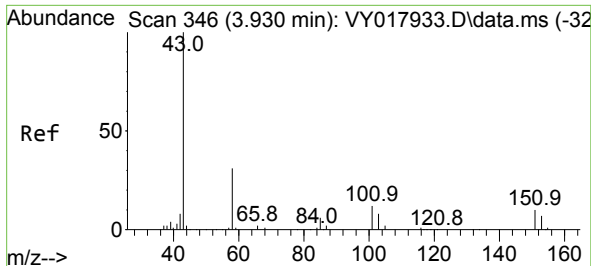
Tgt Ion:168 Resp: 326184
Ion Ratio Lower Upper
168 100
99 47.4 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.929 min Scan# 510
Delta R.T. -0.025 min
Lab File: VY018051.D
Acq: 25 Apr 2024 15:17

Tgt Ion: 59 Resp: 511
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

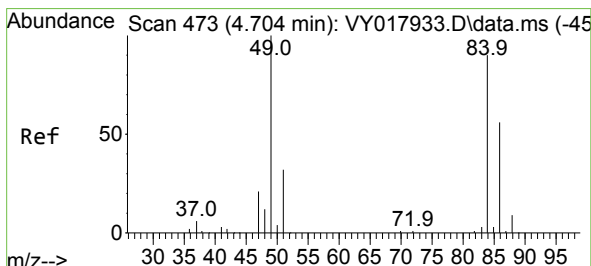
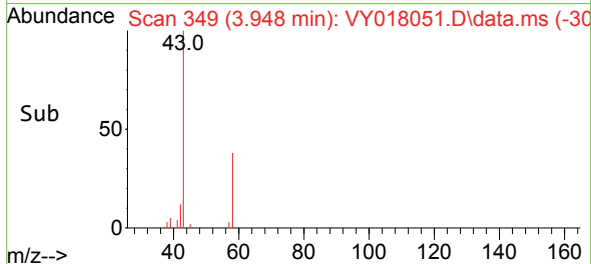
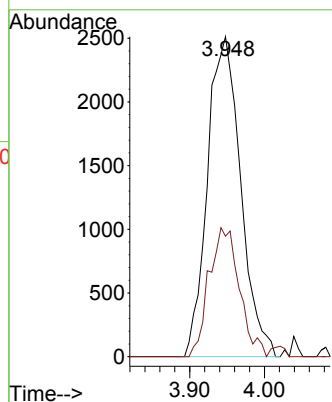
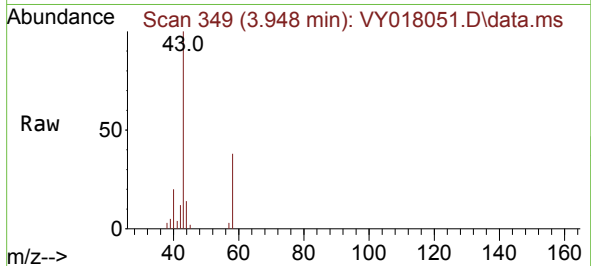




#16
Acetone
Concen: 13.903 ug/l
RT: 3.948 min Scan# 346
Delta R.T. -0.000 min
Lab File: VY018051.D
Acq: 25 Apr 2024 15:17

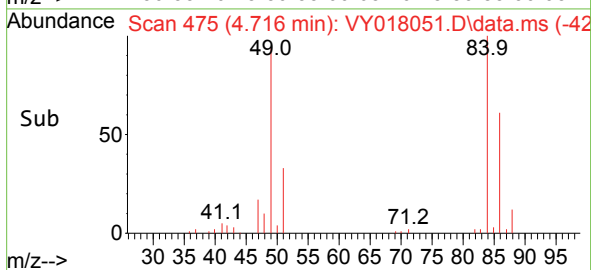
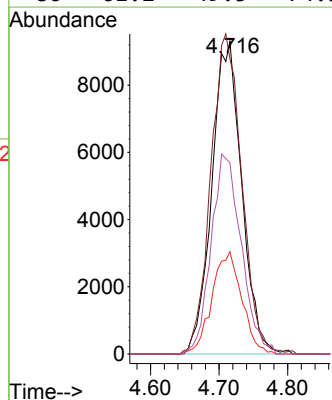
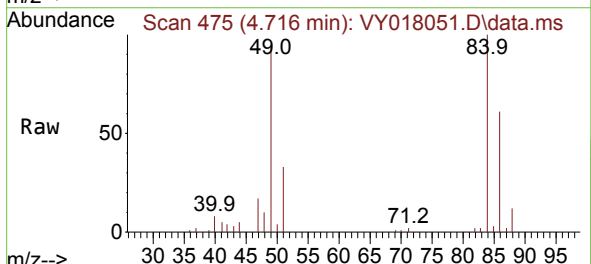
Instrument :
MSVOA_Y
ClientSampleId :

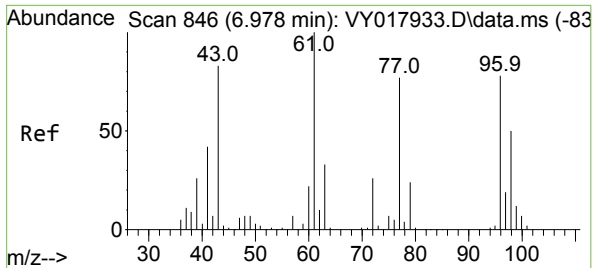
Tgt Ion: 43 Resp: 7754
Ion Ratio Lower Upper
43 100
58 37.7 31.7 47.5



#20
Methylene Chloride
Concen: 7.427 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY018051.D
Acq: 25 Apr 2024 15:17

Tgt Ion: 84 Resp: 28065
Ion Ratio Lower Upper
84 100
49 94.4 84.4 126.6
51 32.7 26.0 39.0
86 61.2 49.5 74.3

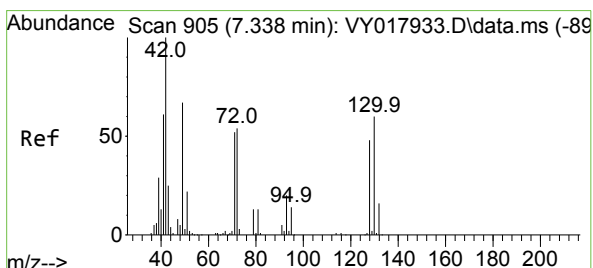
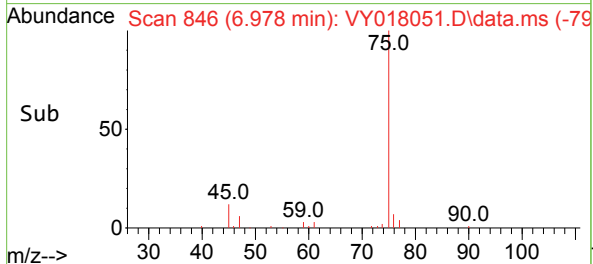
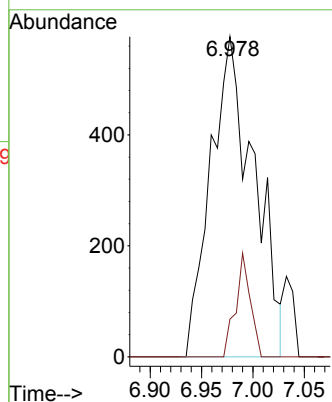
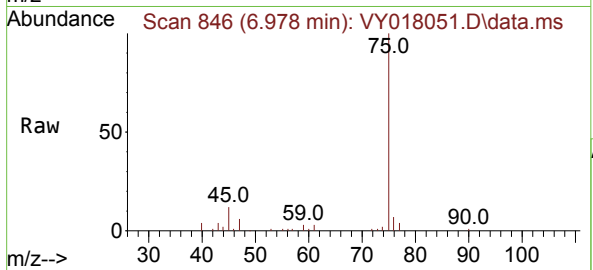




#25
2-Butanone
Concen: 2.065 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY018051.D
Acq: 25 Apr 2024 15:17

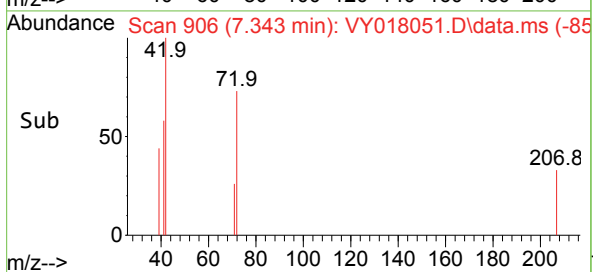
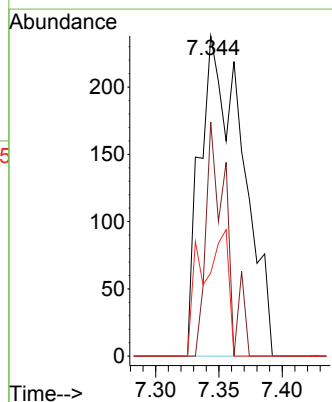
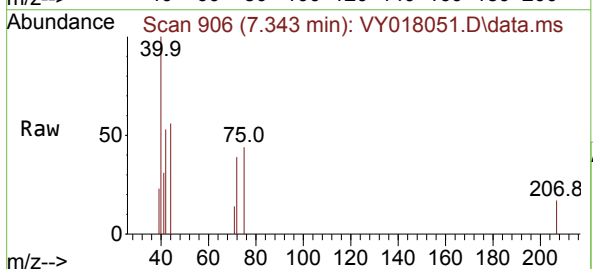
Instrument :
MSVOA_Y
ClientSampleId :

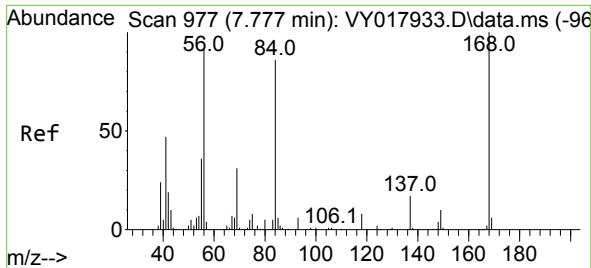
Tgt Ion: 43 Resp: 1693
Ion Ratio Lower Upper
43 100
72 11.8 27.3 40.9#



#29
Tetrahydrofuran
Concen: 1.076 ug/l
RT: 7.343 min Scan# 906
Delta R.T. -0.006 min
Lab File: VY018051.D
Acq: 25 Apr 2024 15:17

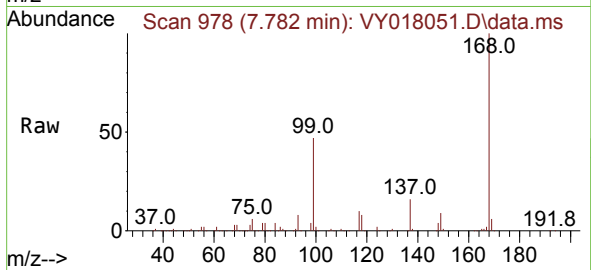
Tgt Ion: 42 Resp: 560
Ion Ratio Lower Upper
42 100
72 34.8 43.0 64.4#
71 24.6 40.8 61.2#



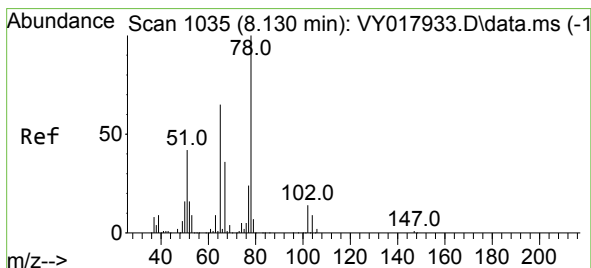
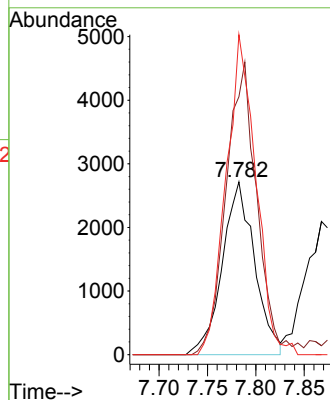
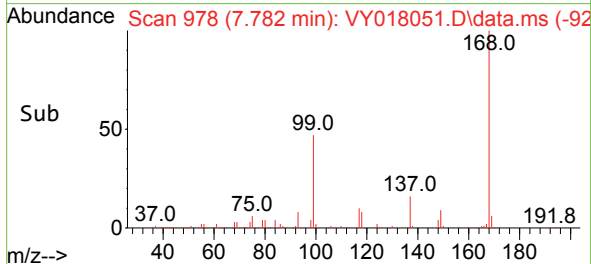


#31
Cyclohexane
Concen: 1.167 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018051.D
Acq: 25 Apr 2024 15:17

Instrument :
MSVOA_Y
ClientSampleId :

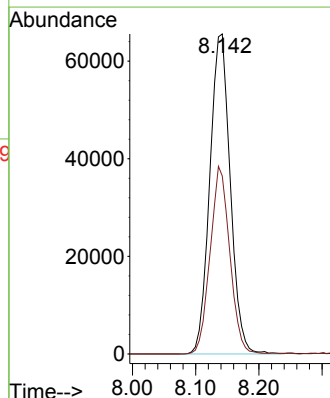
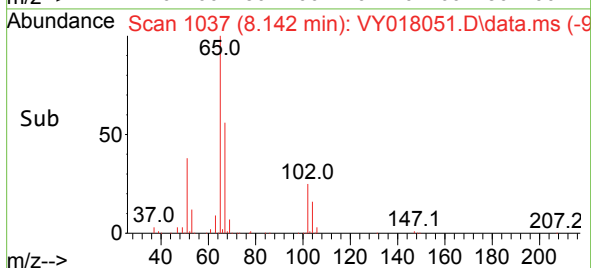
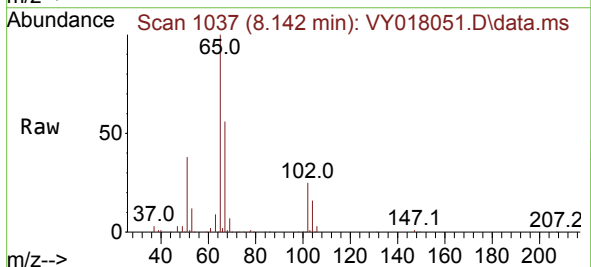


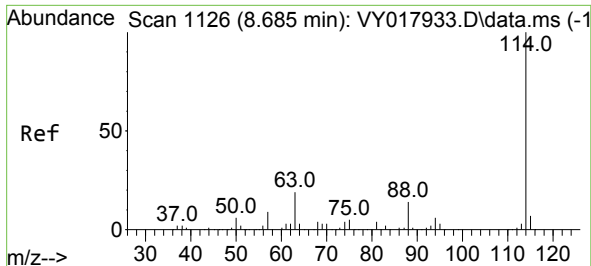
Tgt Ion: 56 Resp: 6298
Ion Ratio Lower Upper
56 100
69 149.2 28.7 43.1#
84 185.1 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 52.141 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY018051.D
Acq: 25 Apr 2024 15:17

Tgt Ion: 65 Resp: 147179
Ion Ratio Lower Upper
65 100
67 56.2 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY018051.D

Acq: 25 Apr 2024 15:17

Instrument :

MSVOA_Y

ClientSampleId :

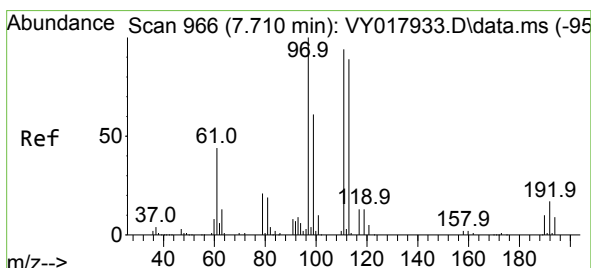
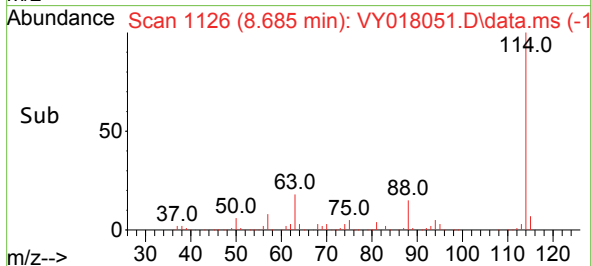
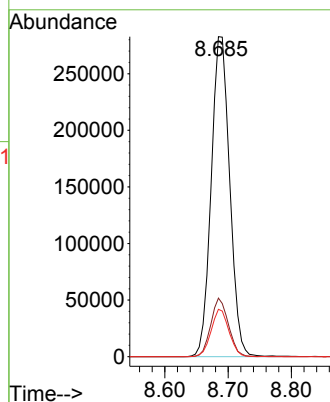
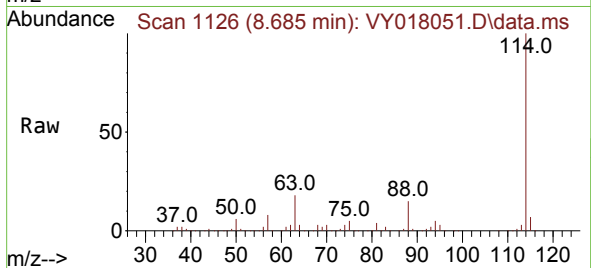
Tgt Ion:114 Resp: 575293

Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.0

88 14.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.108 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY018051.D

Acq: 25 Apr 2024 15:17

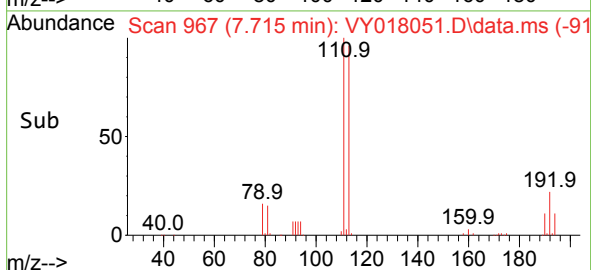
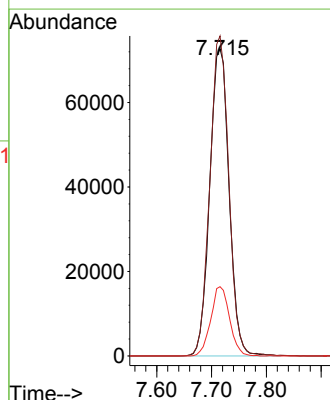
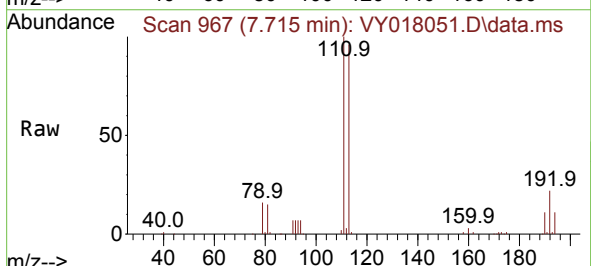
Tgt Ion:113 Resp: 177845

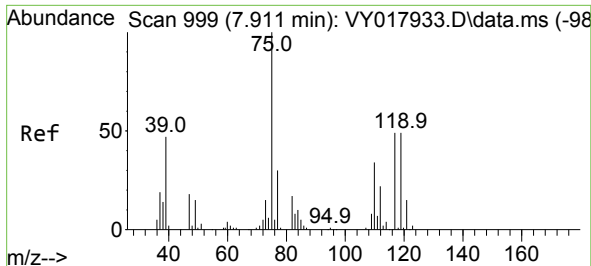
Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.4

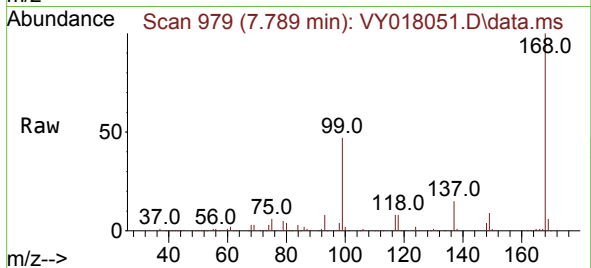
192 21.9 15.9 23.9



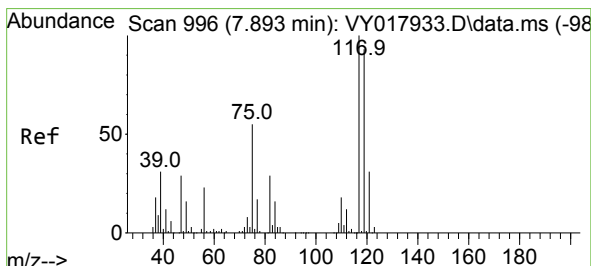
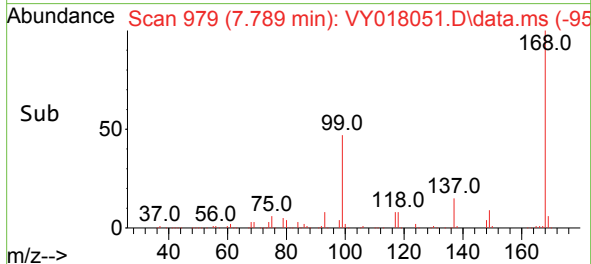
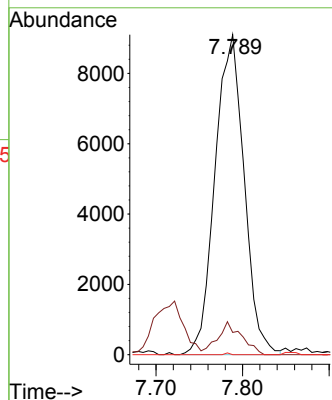


#36
1,1-Dichloropropene
Concen: 4.112 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY018051.D
Acq: 25 Apr 2024 15:17

Instrument :
MSVOA_Y
ClientSampleId :

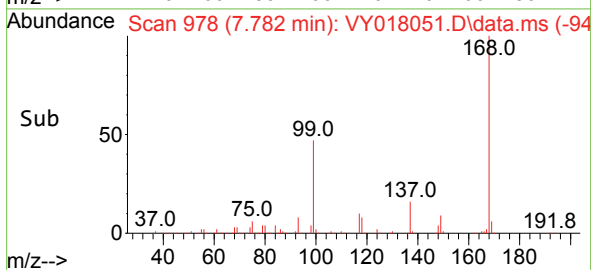
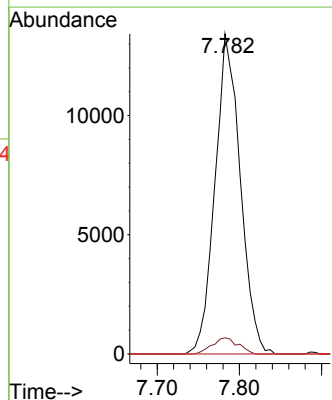
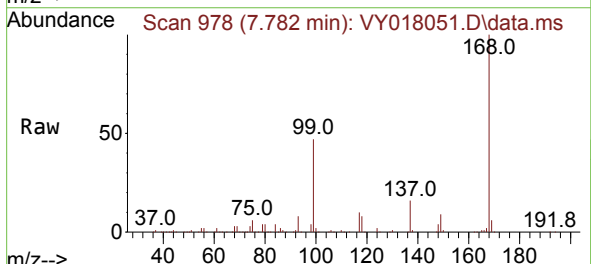


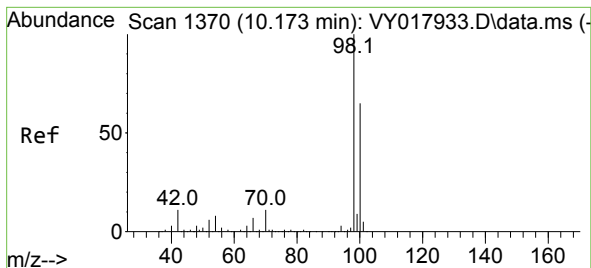
Tgt Ion: 75 Resp: 21223
Ion Ratio Lower Upper
75 100
110 8.5 19.0 57.0#
77 0.1 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.483 ug/l
RT: 7.782 min Scan# 978
Delta R.T. -0.122 min
Lab File: VY018051.D
Acq: 25 Apr 2024 15:17

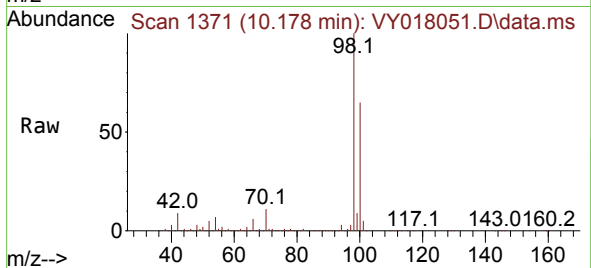
Tgt Ion: 117 Resp: 28594
Ion Ratio Lower Upper
117 100
119 5.0 75.8 113.6#
121 0.0 24.0 36.0#



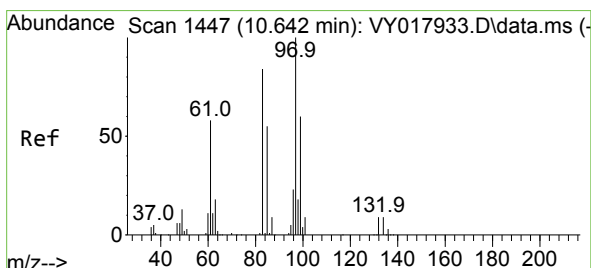
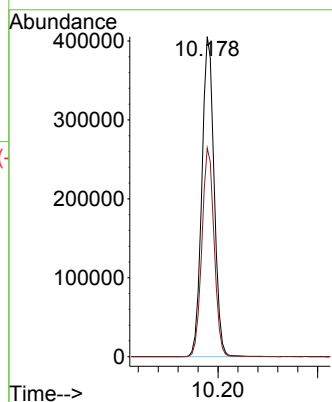
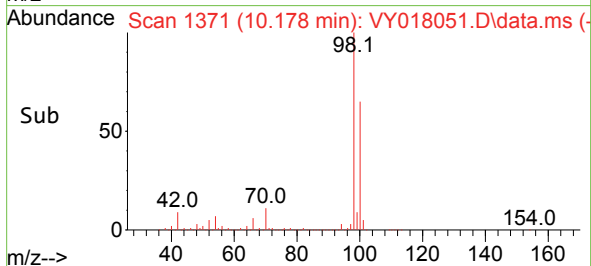


#50
Toluene-d8
Concen: 51.227 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018051.D
Acq: 25 Apr 2024 15:17

Instrument :
MSVOA_Y
ClientSampleId :

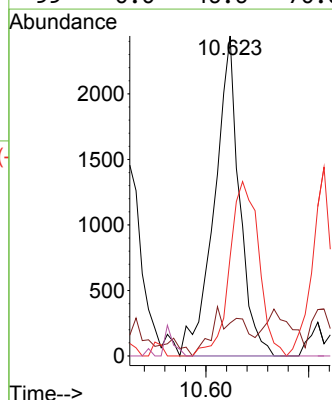
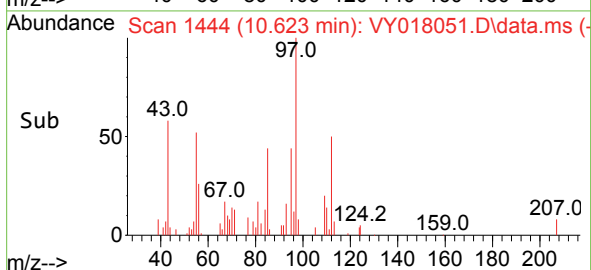
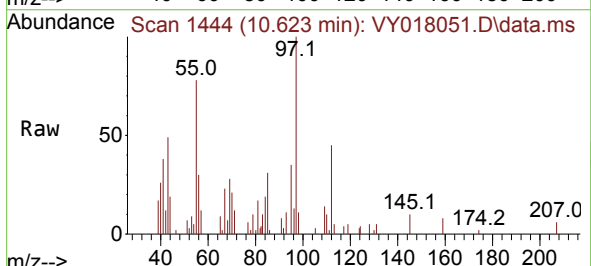


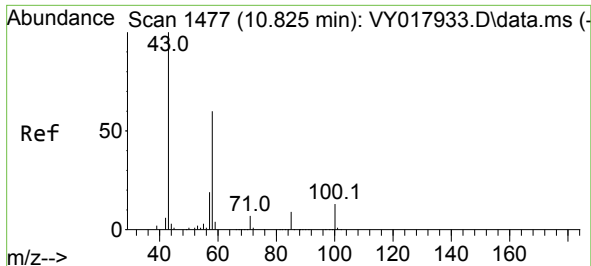
Tgt Ion: 98 Resp: 689903
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#55
1,1,2-Trichloroethane
Concen: 1.472 ug/l
RT: 10.623 min Scan# 1444
Delta R.T. -0.019 min
Lab File: VY018051.D
Acq: 25 Apr 2024 15:17

Tgt Ion: 97 Resp: 4119
Ion Ratio Lower Upper
97 100
83 7.9 67.5 101.3#
85 31.0 42.9 64.3#
99 0.0 46.6 70.0#

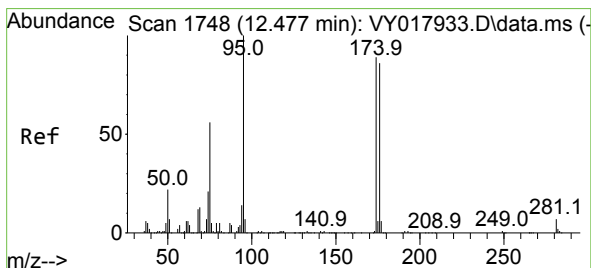
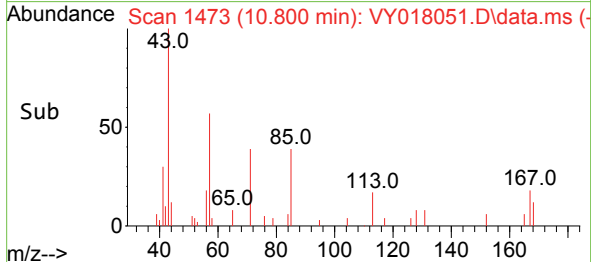
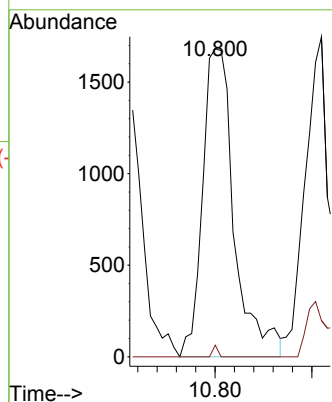
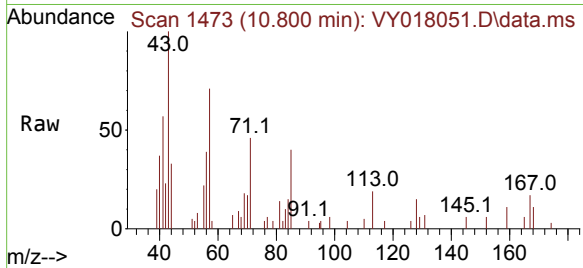




#59
2-Hexanone
Concen: 2.666 ug/l
RT: 10.800 min Scan# 1477
Delta R.T. -0.031 min
Lab File: VY018051.D
Acq: 25 Apr 2024 15:17

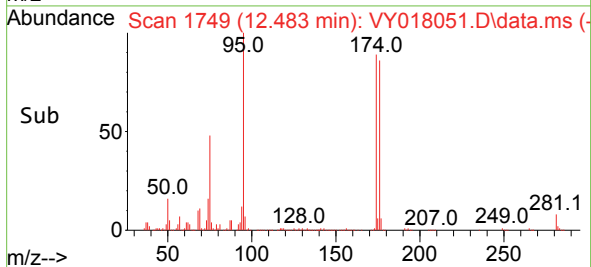
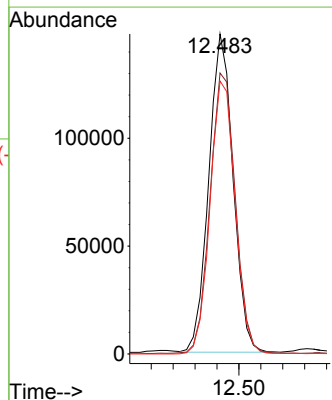
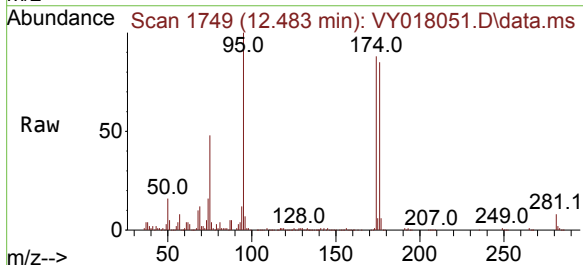
Instrument :
MSVOA_Y
ClientSampleId :

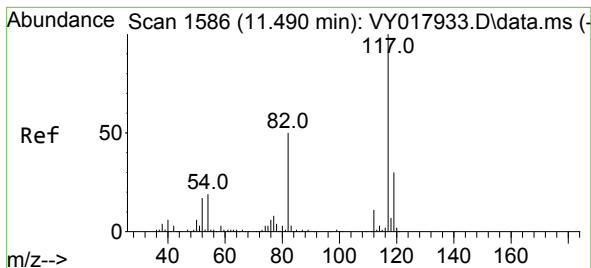
Tgt Ion: 43 Resp: 3819
Ion Ratio Lower Upper
43 100
58 0.6 31.4 94.0#



#62
4-Bromofluorobenzene
Concen: 54.580 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY018051.D
Acq: 25 Apr 2024 15:17

Tgt Ion: 95 Resp: 227647
Ion Ratio Lower Upper
95 100
174 91.6 0.0 175.6
176 88.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

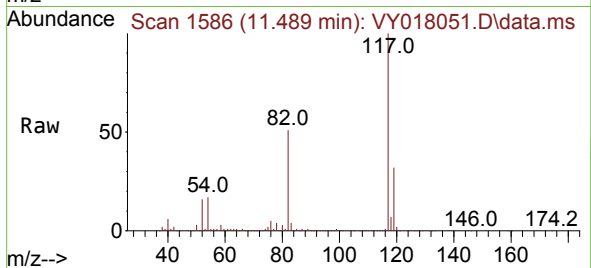
Lab File: VY018051.D

Acq: 25 Apr 2024 15:17

Instrument :

MSVOA_Y

ClientSampleId :



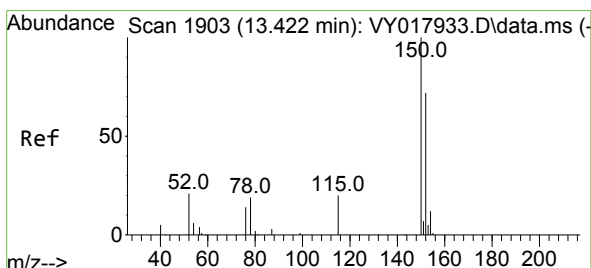
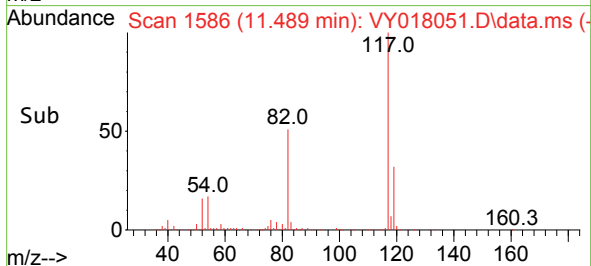
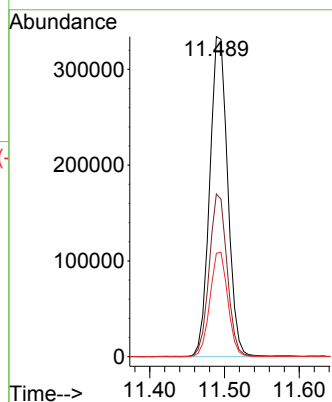
Tgt Ion:117 Resp: 557554

Ion Ratio Lower Upper

117 100

82 50.7 42.4 63.6

119 32.3 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY018051.D

Acq: 25 Apr 2024 15:17

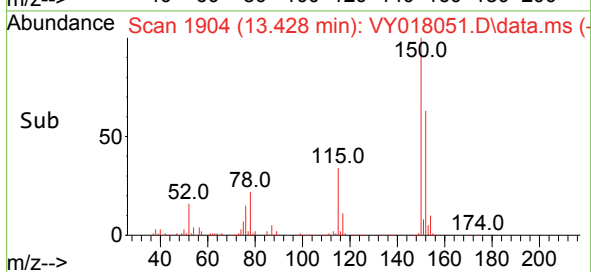
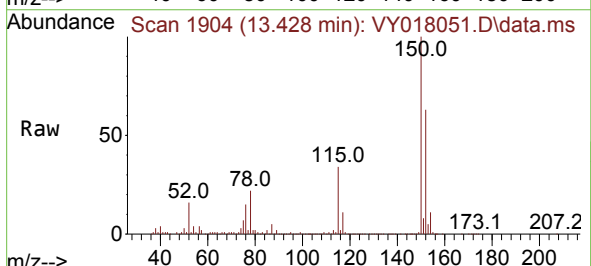
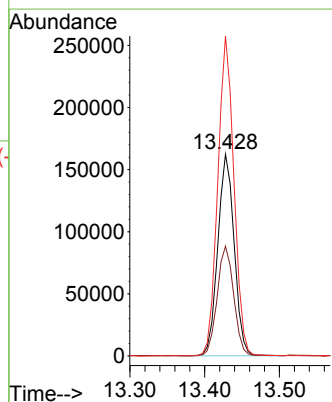
Tgt Ion:152 Resp: 247601

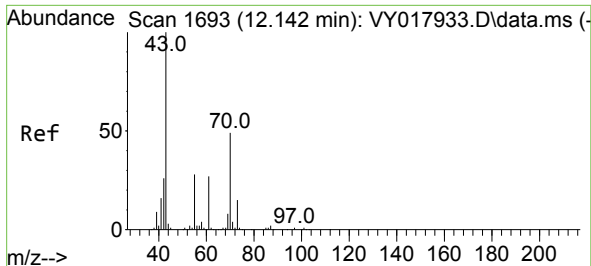
Ion Ratio Lower Upper

152 100

115 54.6 28.2 84.7

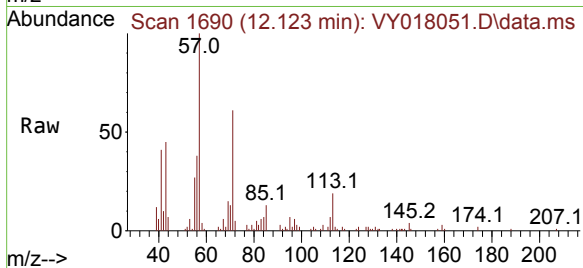
150 156.2 0.0 345.6



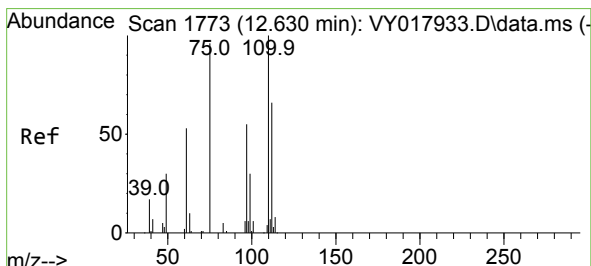
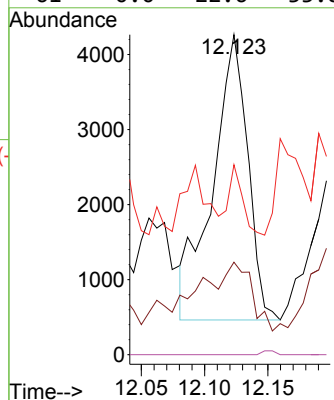
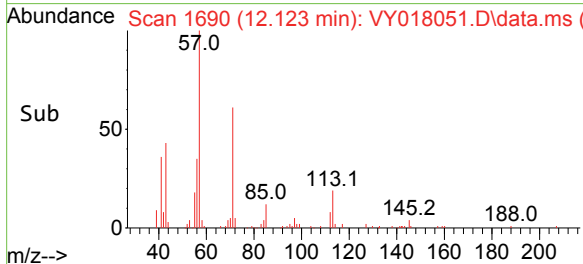


#74
N-amy1 acetate
Concen: 2.013 ug/l
RT: 12.123 min Scan# 1749
Delta R.T. -0.019 min
Lab File: VY018051.D
Acq: 25 Apr 2024 15:17

Instrument :
MSVOA_Y
ClientSampleId :

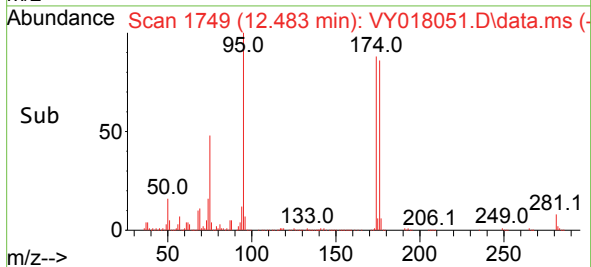
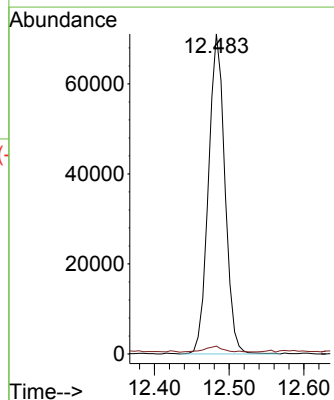
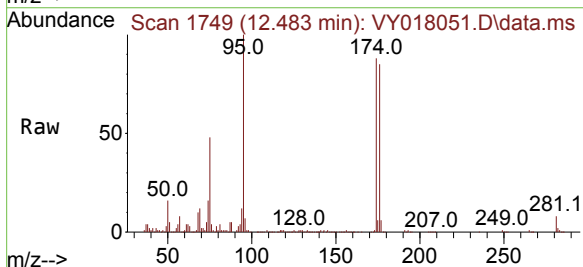


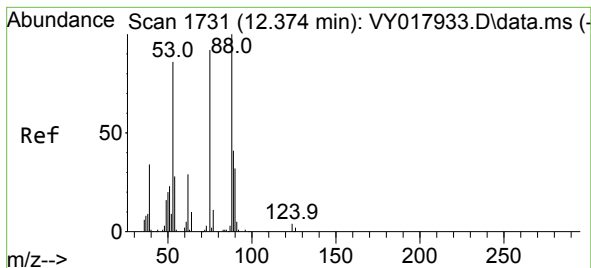
Tgt Ion: 43 Resp: 7330
Ion Ratio Lower Upper
43 100
70 17.0 41.4 62.2#
55 9.8 23.3 34.9#
61 0.0 22.6 33.8#



#76
1,2,3-Trichloropropane
Concen: 46.798 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY018051.D
Acq: 25 Apr 2024 15:17

Tgt Ion: 75 Resp: 108734
Ion Ratio Lower Upper
75 100
77 2.0 0.0 0.0#

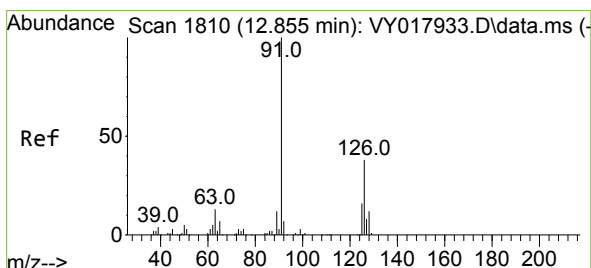
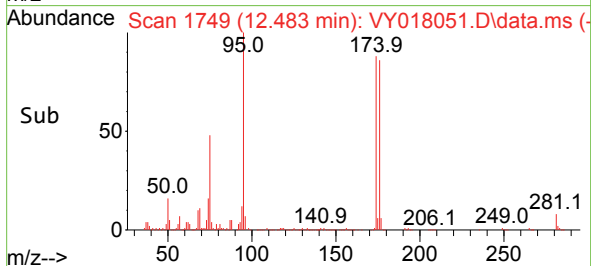
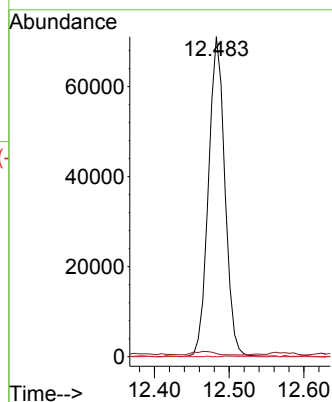
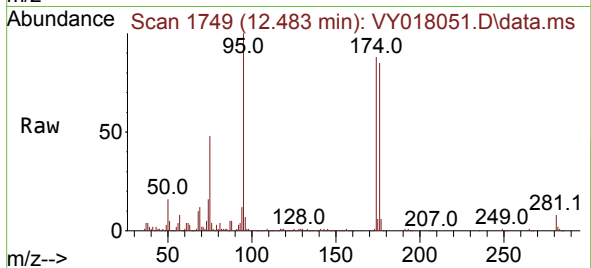




#81
trans-1,4-Dichloro-2-butene
Concen: 96.490 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY018051.D
Acq: 25 Apr 2024 15:17

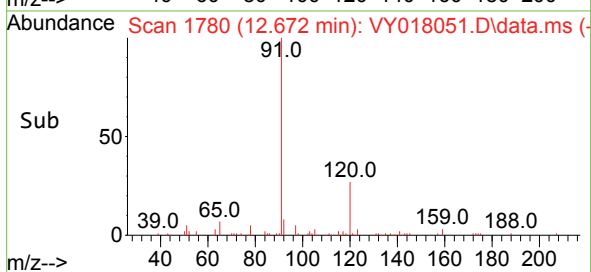
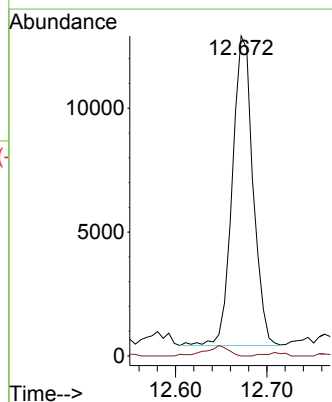
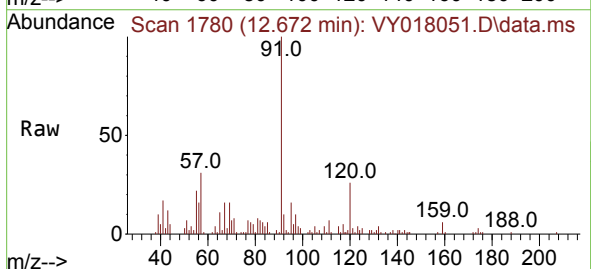
Instrument :
MSVOA_Y
ClientSampleId :

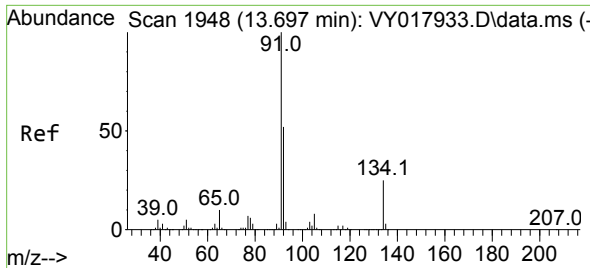
Tgt Ion: 75 Resp: 108734
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.3 35.8 53.6#



#82
4-Chlorotoluene
Concen: 1.554 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.183 min
Lab File: VY018051.D
Acq: 25 Apr 2024 15:17

Tgt Ion: 91 Resp: 19725
Ion Ratio Lower Upper
91 100
126 0.0 17.6 52.9#

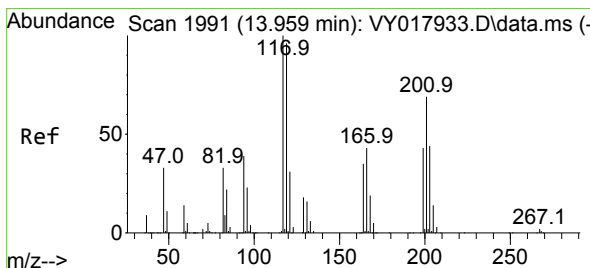
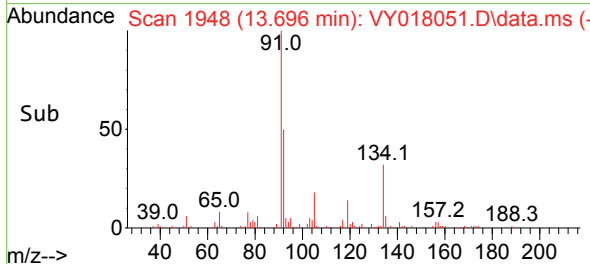
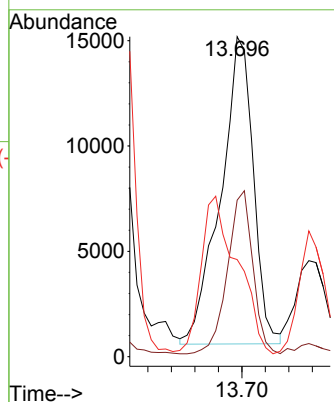
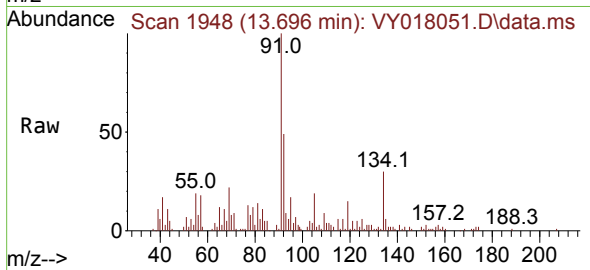




#89
n-Butylbenzene
Concen: 1.860 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY018051.D
Acq: 25 Apr 2024 15:17

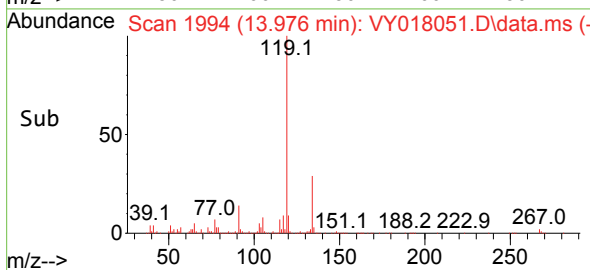
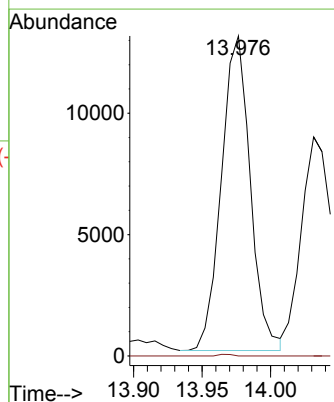
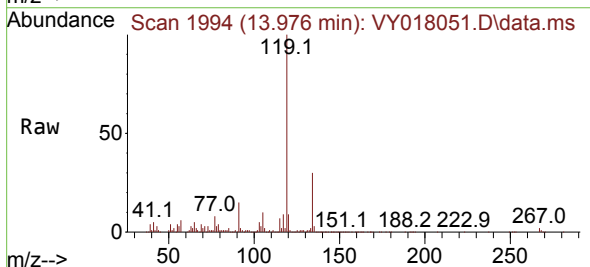
Instrument :
MSVOA_Y
ClientSampleId :

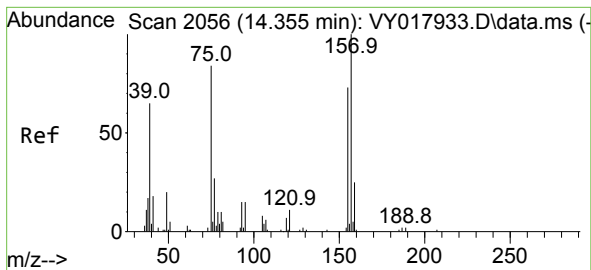
Tgt Ion: 91 Resp: 28212
Ion Ratio Lower Upper
91 100
92 42.5 26.6 79.7
134 0.0 12.9 38.7#



#90
Hexachloroethane
Concen: 5.753 ug/l
RT: 13.976 min Scan# 1994
Delta R.T. 0.018 min
Lab File: VY018051.D
Acq: 25 Apr 2024 15:17

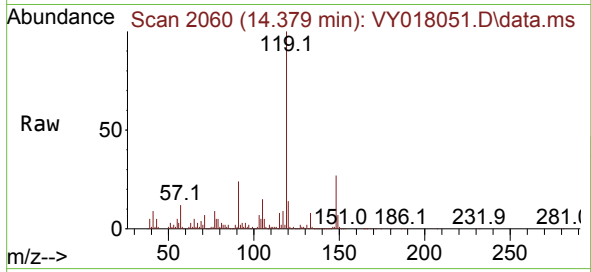
Tgt Ion: 117 Resp: 19025
Ion Ratio Lower Upper
117 100
201 0.2 37.4 112.2#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.811 ug/l
 RT: 14.379 min Scan# 2056
 Delta R.T. 0.024 min
 Lab File: VY018051.D
 Acq: 25 Apr 2024 15:17

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	784
Ion	Ratio	Lower	Upper
75	100		
155	0.0	48.6	145.8#
157	2.8	62.7	188.2#

