

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060624\
 Data File : VY018516.D
 Acq On : 06 Jun 2024 19:43
 Operator : SY/MD
 Sample : P2740-07
 Misc : 5.26g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 07 02:32:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

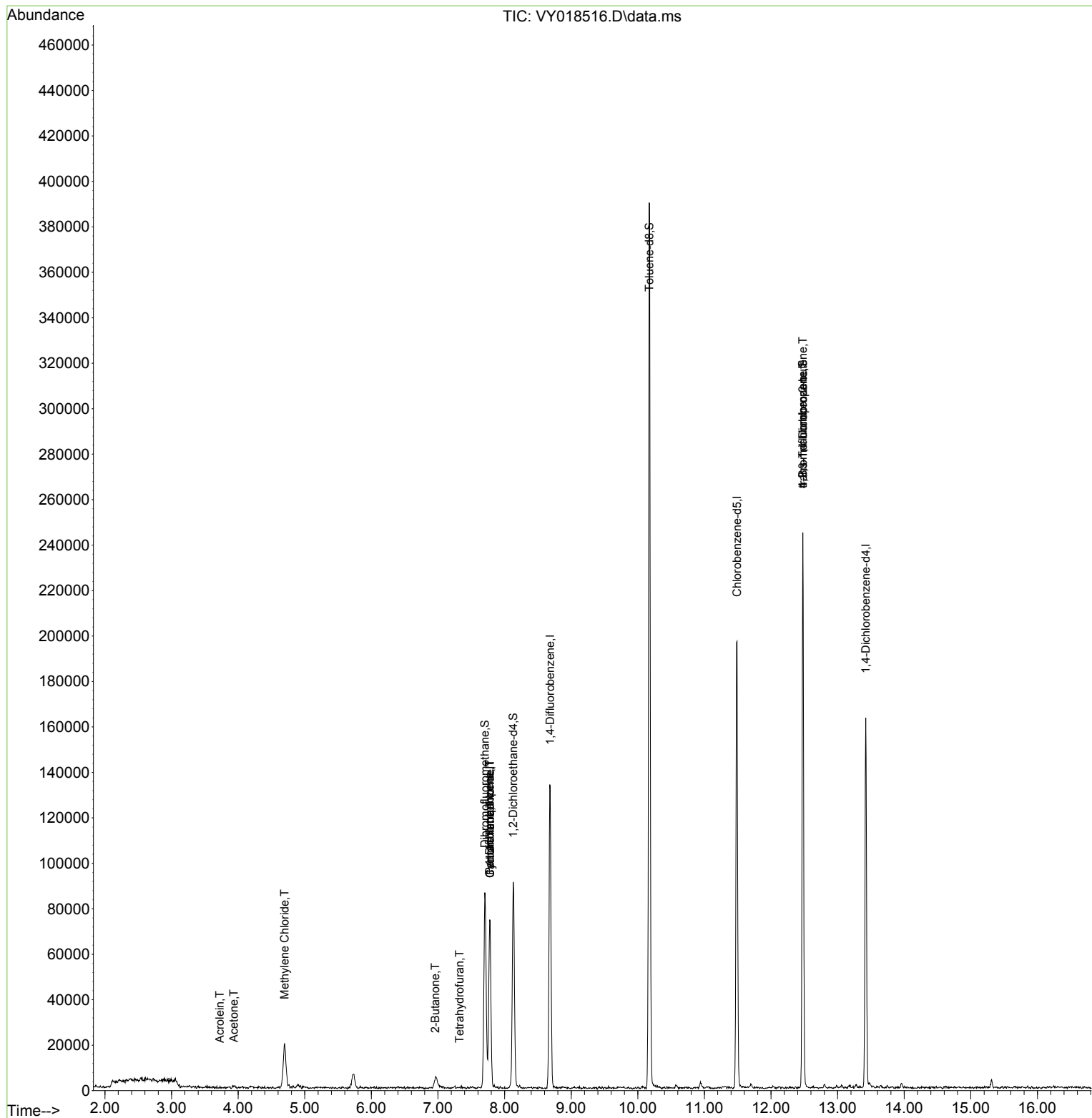
Internal Standards						
1) Pentafluorobenzene	7.777	168	50209	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	108977	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	102186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	37574	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	65289	66.214	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.420%
35) Dibromofluoromethane	7.704	113	58152	42.081	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.160%
50) Toluene-d8	10.173	98	240369	43.723	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.440%
62) 4-Bromofluorobenzene	12.477	95	68028	39.743	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.480%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	172	Below Cal	#	30
13) Acrolein	3.723	56	106	1.050	ug/l #	81
16) Acetone	3.936	43	1423	6.502	ug/l #	76
20) Methylene Chloride	4.698	84	12977	7.785	ug/l #	95
25) 2-Butanone	6.960	43	511	1.524	ug/l #	41
29) Tetrahydrofuran	7.326	42	235	1.079	ug/l #	38
31) Cyclohexane	7.783	56	1961	1.067	ug/l #	48
36) 1,1-Dichloropropene	7.777	75	5540	2.629	ug/l #	47
38) Carbon Tetrachloride	7.783	117	5688	2.694	ug/l #	13
76) 1,2,3-Trichloropropane	12.477	75	38961	83.621	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	38961	175.683	ug/l #	16

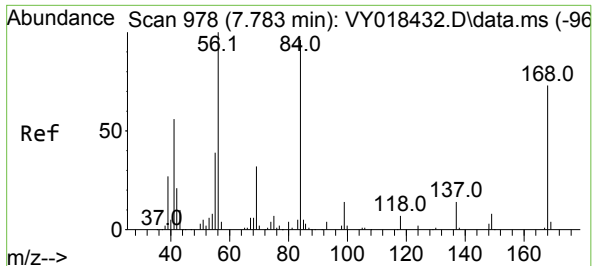
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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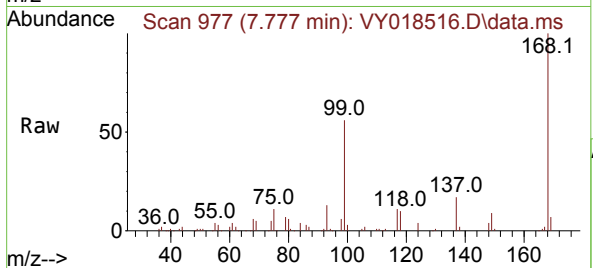
Quant Time: Jun 07 02:32:12 2024
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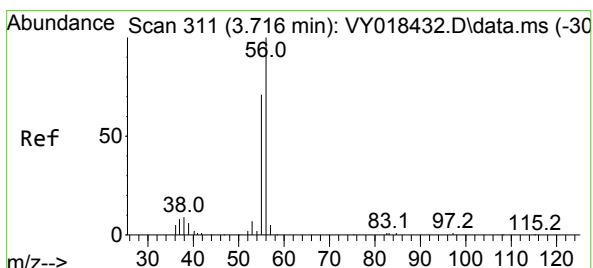
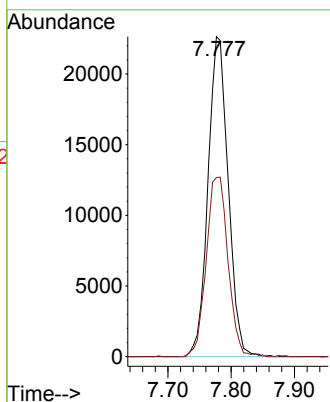
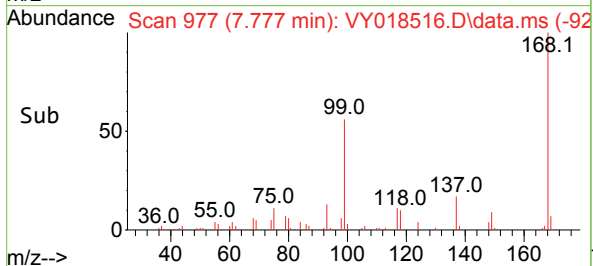


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018516.D
Acq: 06 Jun 2024 19:43

Instrument :
MSVOA_Y
ClientSampleId :

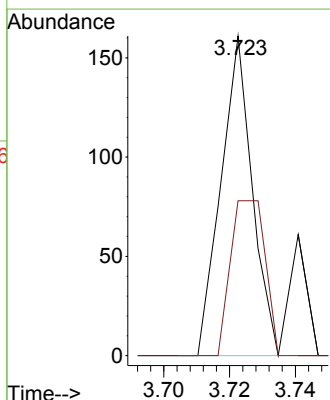
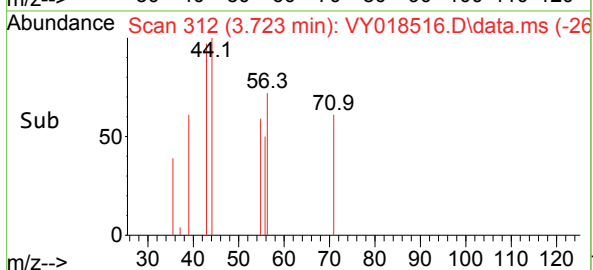
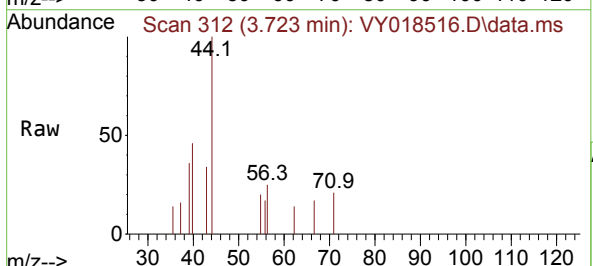


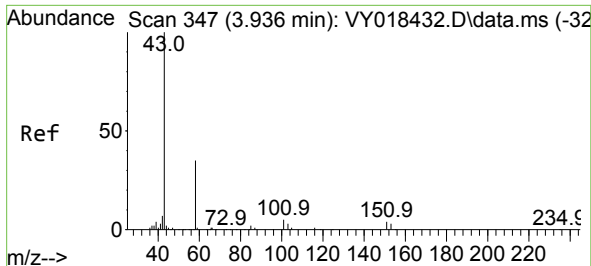
Tgt Ion:168 Resp: 50209
Ion Ratio Lower Upper
168 100
99 56.0 39.1 58.7



#13
Acrolein
Concen: 1.050 ug/l
RT: 3.723 min Scan# 312
Delta R.T. 0.007 min
Lab File: VY018516.D
Acq: 06 Jun 2024 19:43

Tgt Ion: 56 Resp: 106
Ion Ratio Lower Upper
56 100
55 53.8 55.7 83.5#





#16

Acetone

Concen: 6.502 ug/l

RT: 3.936 min Scan# 347

Delta R.T. -0.000 min

Lab File: VY018516.D

Acq: 06 Jun 2024 19:43

Instrument :

MSVOA_Y

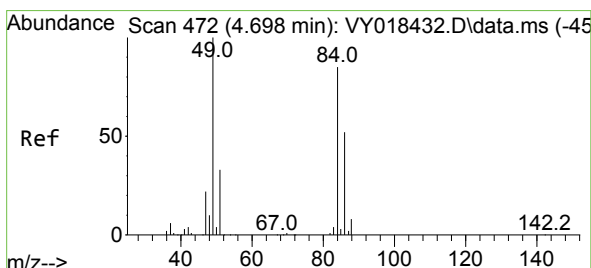
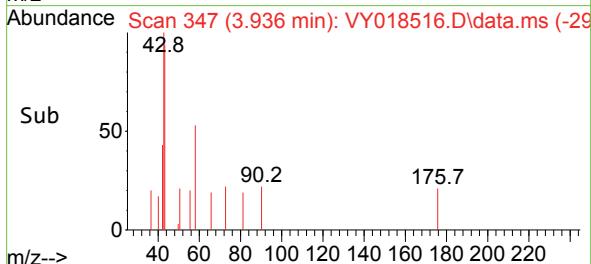
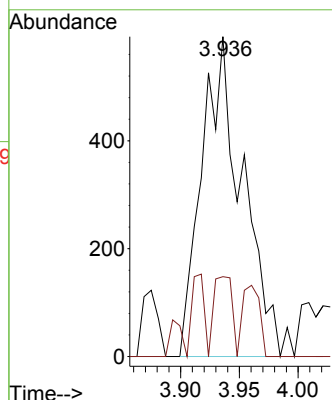
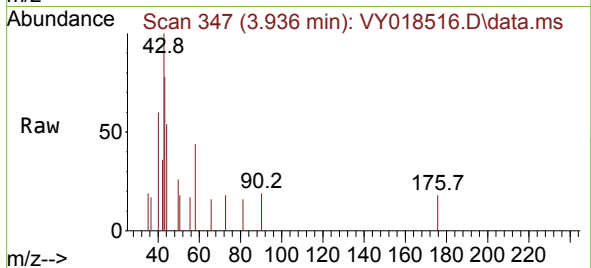
ClientSampleId :

Tgt Ion: 43 Resp: 1423

Ion Ratio Lower Upper

43 100

58 25.0 31.7 47.5#



#20

Methylene Chloride

Concen: 7.785 ug/l

RT: 4.698 min Scan# 472

Delta R.T. -0.000 min

Lab File: VY018516.D

Acq: 06 Jun 2024 19:43

Tgt Ion: 84 Resp: 12977

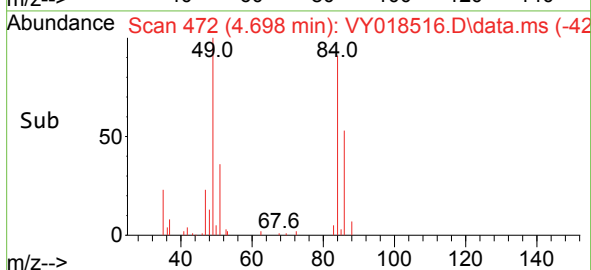
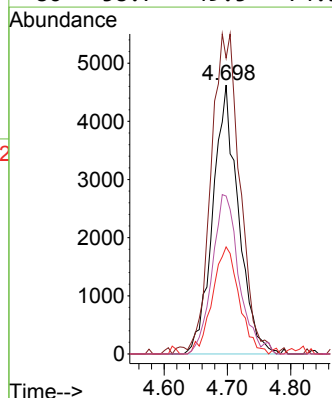
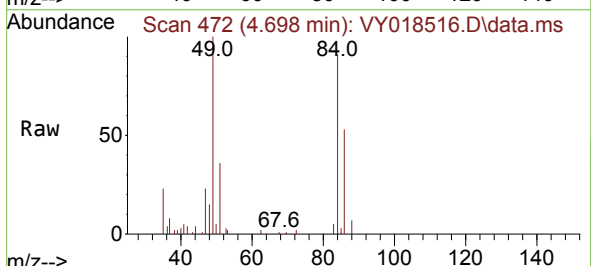
Ion Ratio Lower Upper

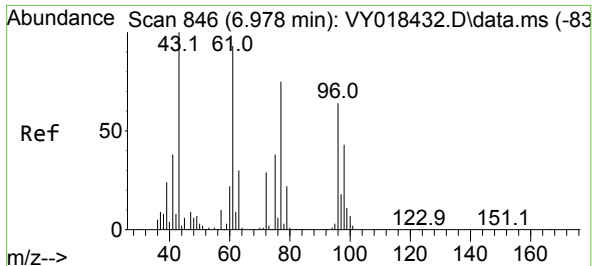
84 100

49 108.7 84.4 126.6

51 39.8 26.0 39.0#

86 58.7 49.5 74.3





#25

2-Butanone

Concen: 1.524 ug/l

RT: 6.960 min Scan# 84

Delta R.T. -0.018 min

Lab File: VY018516.D

Acq: 06 Jun 2024 19:43

Instrument :

MSVOA_Y

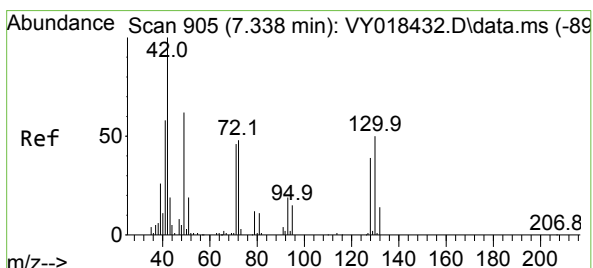
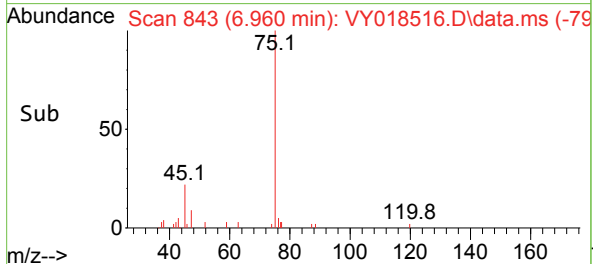
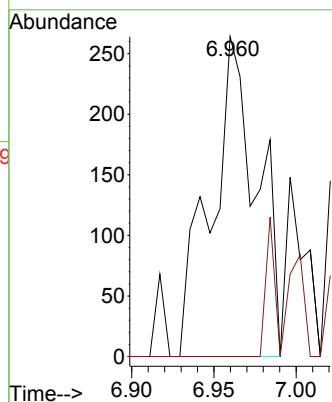
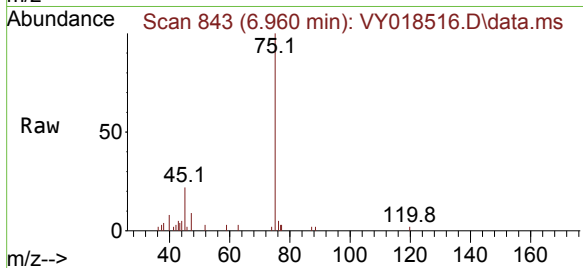
ClientSampleId :

Tgt Ion: 43 Resp: 511

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#



#29

Tetrahydrofuran

Concen: 1.079 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.012 min

Lab File: VY018516.D

Acq: 06 Jun 2024 19:43

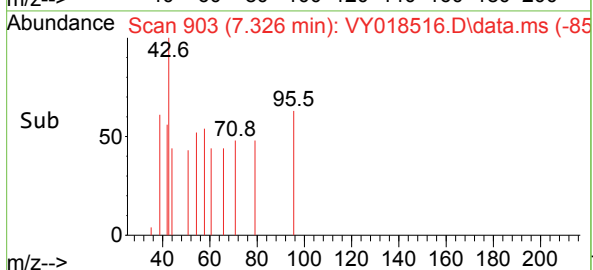
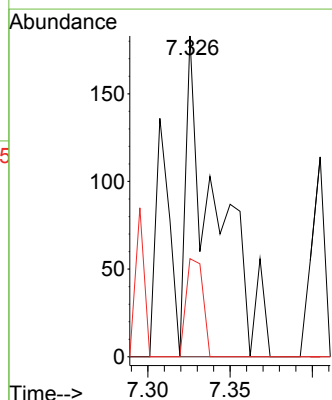
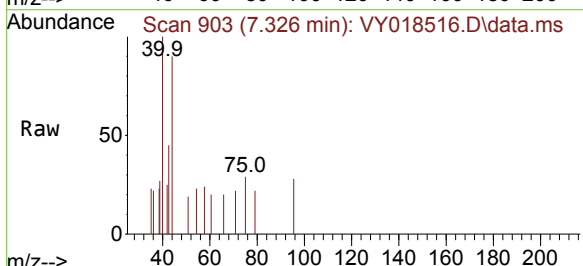
Tgt Ion: 42 Resp: 235

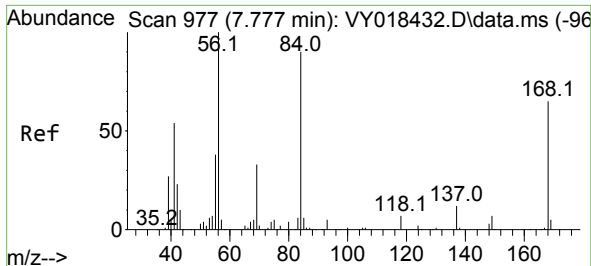
Ion Ratio Lower Upper

42 100

72 0.0 43.0 64.4#

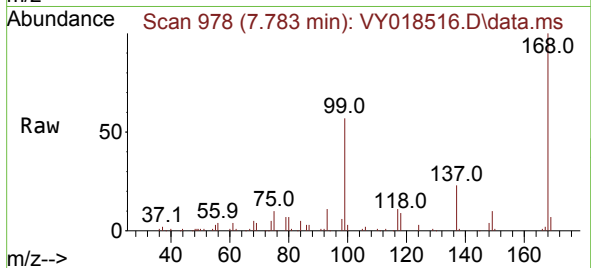
71 17.0 40.8 61.2#



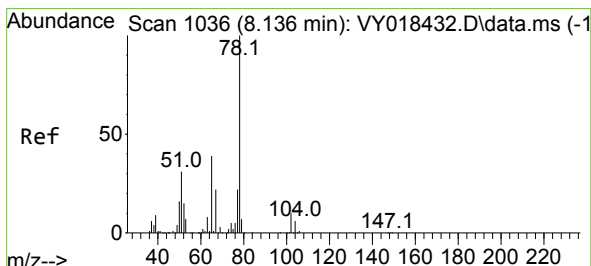
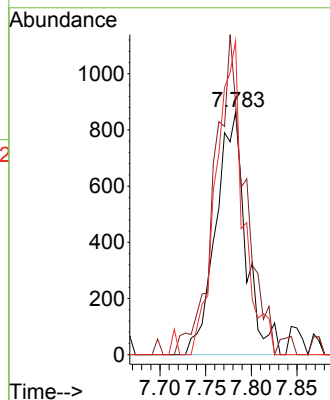
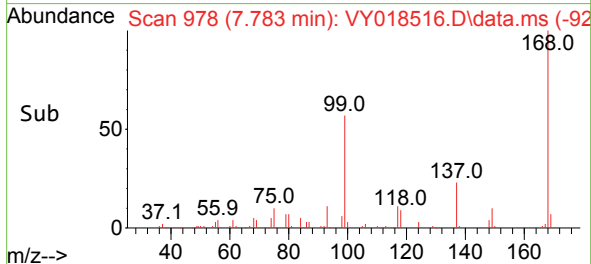


#31
Cyclohexane
Concen: 1.067 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018516.D
Acq: 06 Jun 2024 19:43

Instrument :
MSVOA_Y
ClientSampleId :

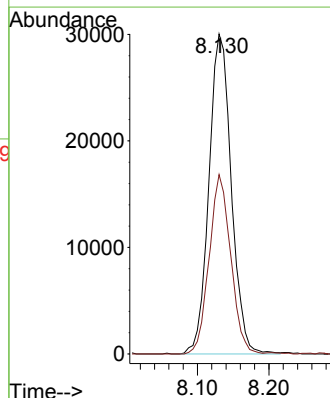
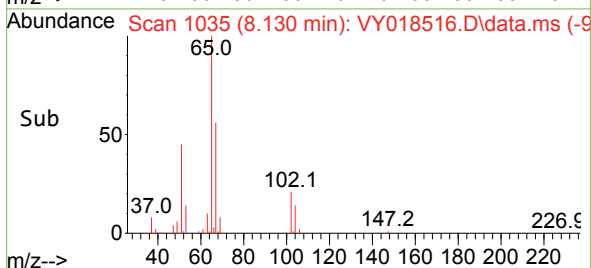
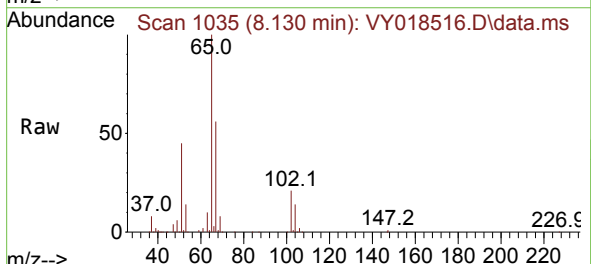


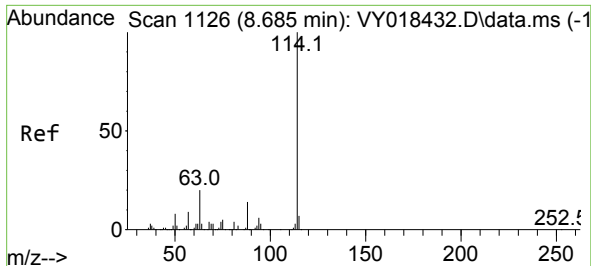
Tgt Ion: 56 Resp: 1961
Ion Ratio Lower Upper
56 100
69 97.8 28.7 43.1#
84 129.3 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 66.214 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018516.D
Acq: 06 Jun 2024 19:43

Tgt Ion: 65 Resp: 65289
Ion Ratio Lower Upper
65 100
67 53.9 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY018516.D

Acq: 06 Jun 2024 19:43

Instrument :

MSVOA_Y

ClientSampleId :

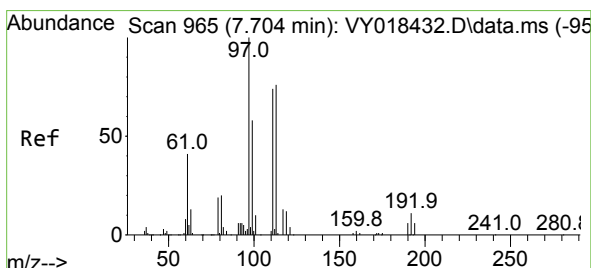
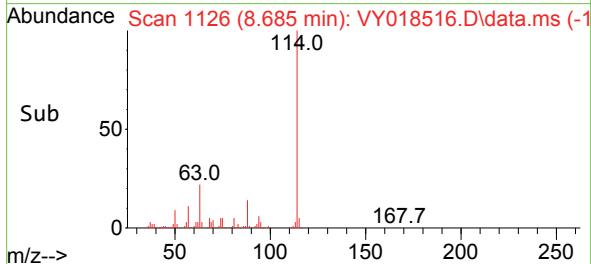
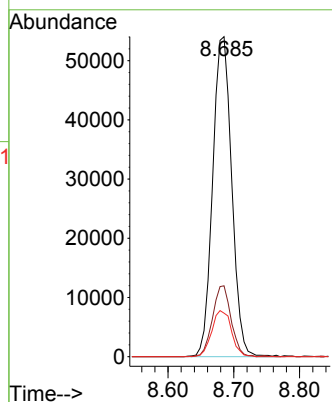
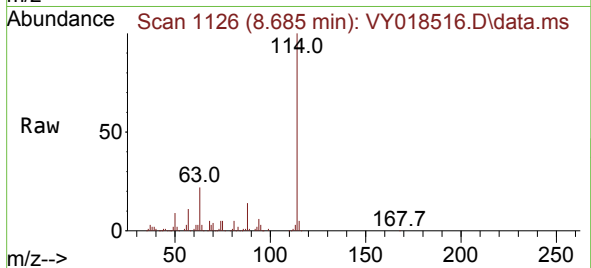
Tgt Ion:114 Resp: 108977

Ion Ratio Lower Upper

114 100

63 22.2 0.0 35.0

88 13.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 42.081 ug/l

RT: 7.704 min Scan# 965

Delta R.T. -0.000 min

Lab File: VY018516.D

Acq: 06 Jun 2024 19:43

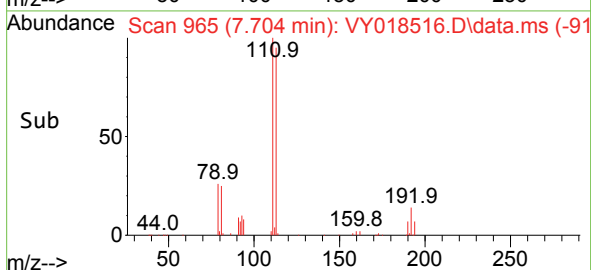
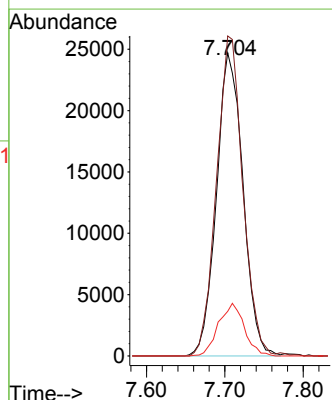
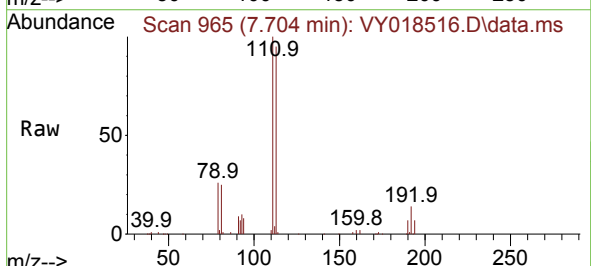
Tgt Ion:113 Resp: 58152

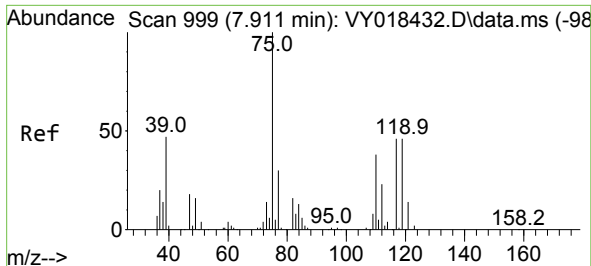
Ion Ratio Lower Upper

113 100

111 104.4 82.2 123.4

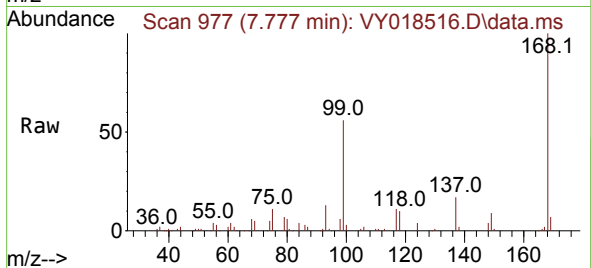
192 16.9 15.9 23.9



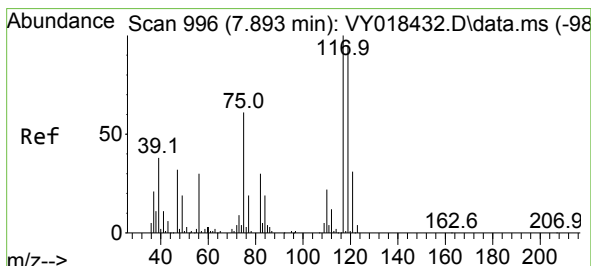
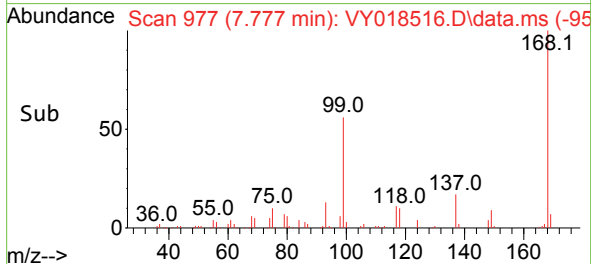
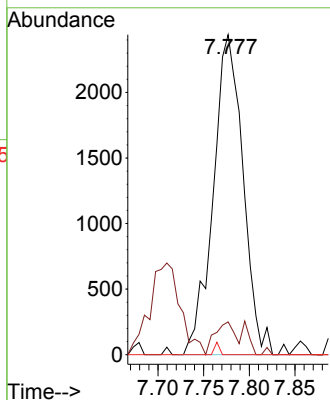


#36
1,1-Dichloropropene
Concen: 2.629 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY018516.D
Acq: 06 Jun 2024 19:43

Instrument :
MSVOA_Y
ClientSampleId :

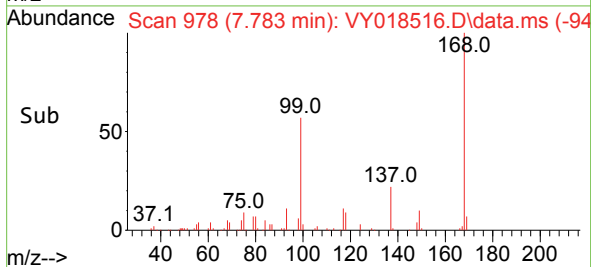
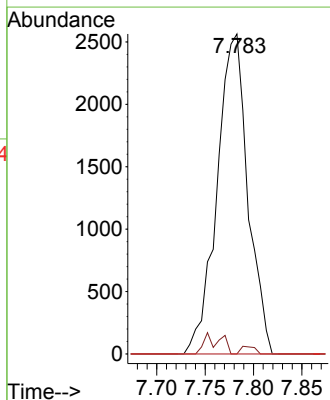
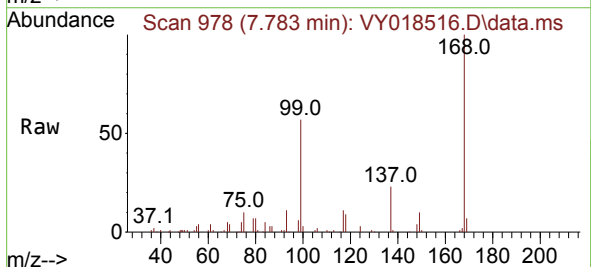


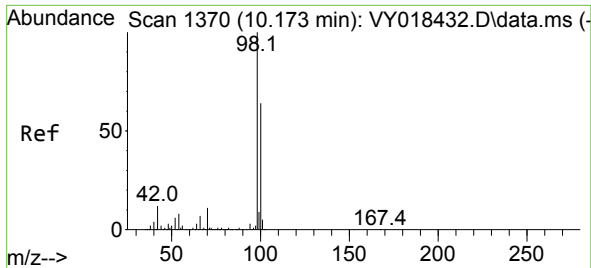
Tgt Ion: 75 Resp: 5540
Ion Ratio Lower Upper
75 100
110 6.9 19.0 57.0#
77 0.6 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 2.694 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY018516.D
Acq: 06 Jun 2024 19:43

Tgt Ion: 117 Resp: 5688
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#

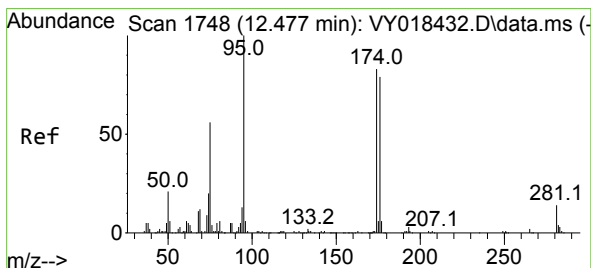
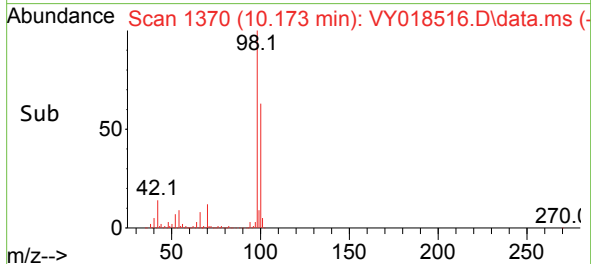
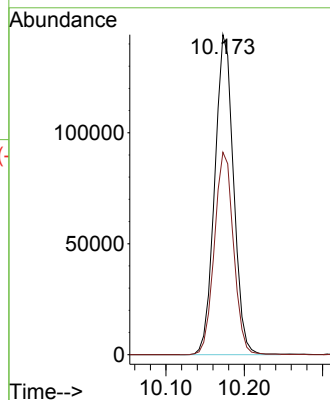
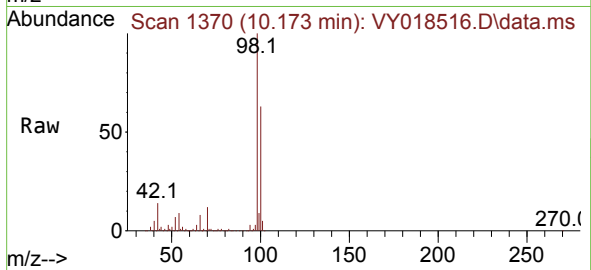




#50
Toluene-d8
Concen: 43.723 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY018516.D
Acq: 06 Jun 2024 19:43

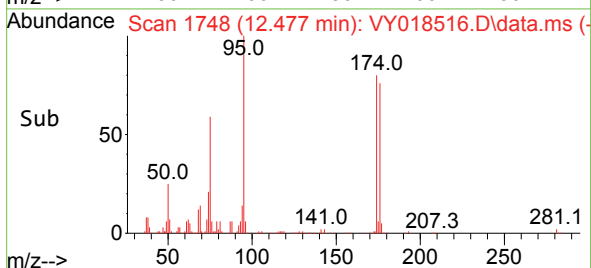
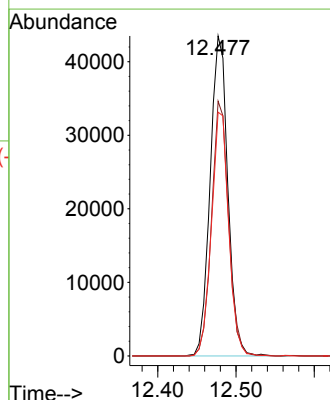
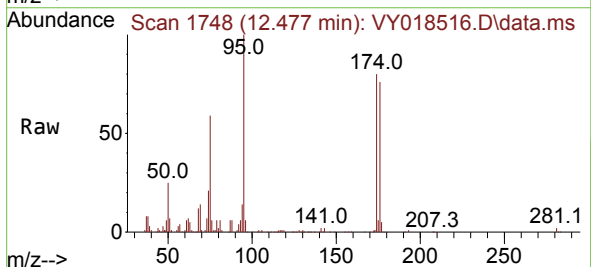
Instrument :
MSVOA_Y
ClientSampleId :

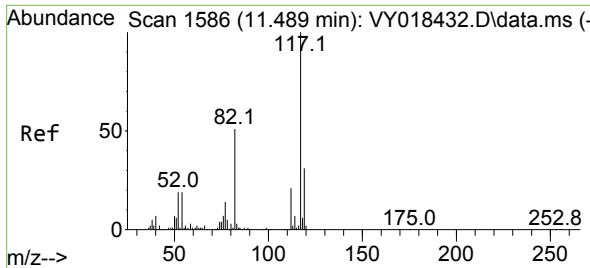
Tgt Ion: 98 Resp: 240369
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 39.743 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018516.D
Acq: 06 Jun 2024 19:43

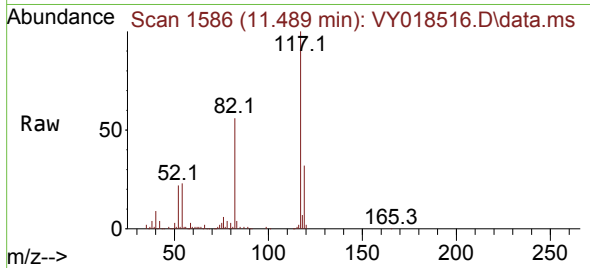
Tgt Ion: 95 Resp: 68028
Ion Ratio Lower Upper
95 100
174 76.9 0.0 175.6
176 74.4 0.0 171.4



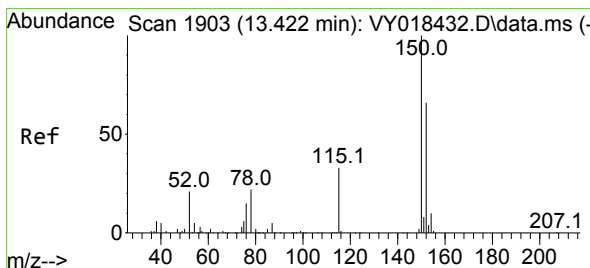
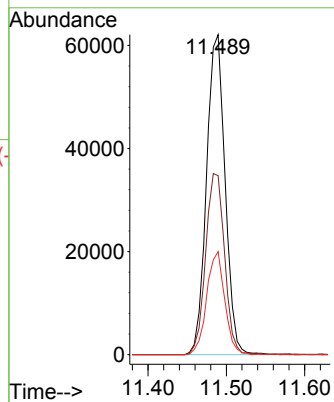
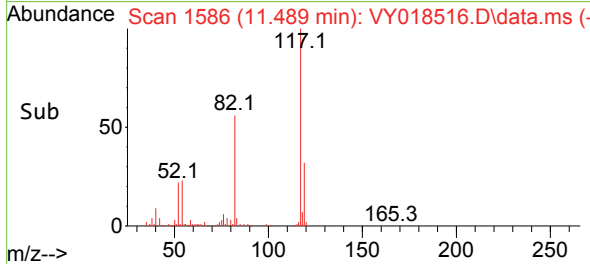


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018516.D
Acq: 06 Jun 2024 19:43

Instrument :
MSVOA_Y
ClientSampleId :

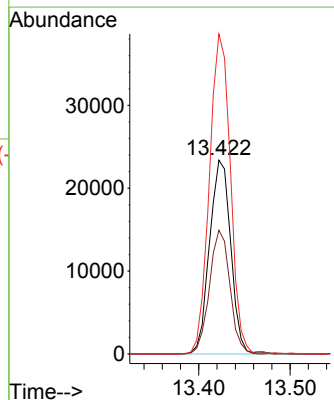
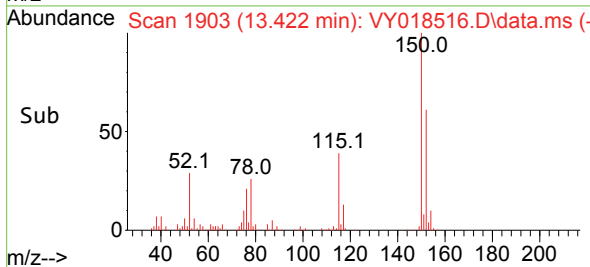
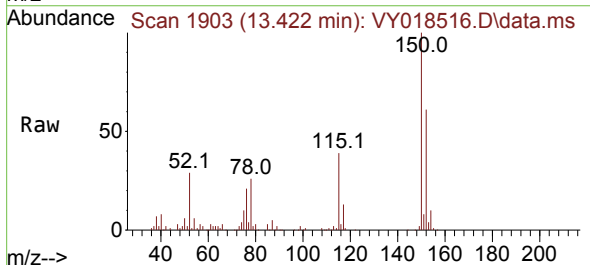


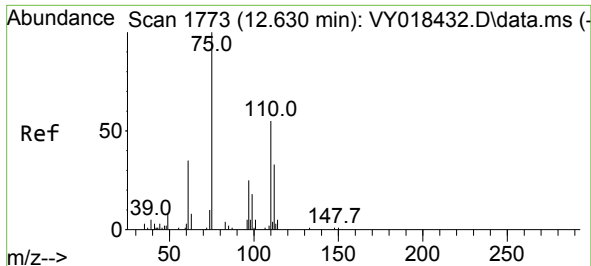
Tgt Ion:117 Resp: 102186
Ion Ratio Lower Upper
117 100
82 55.9 42.4 63.6
119 32.2 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY018516.D
Acq: 06 Jun 2024 19:43

Tgt Ion:152 Resp: 37574
Ion Ratio Lower Upper
152 100
115 61.7 28.2 84.7
150 164.1 0.0 345.6

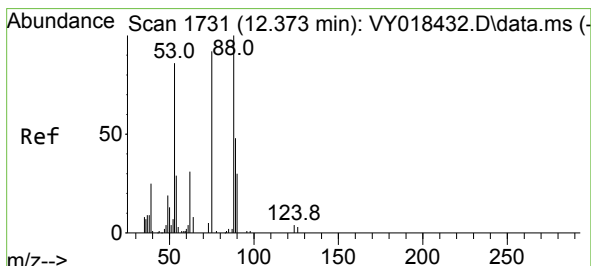
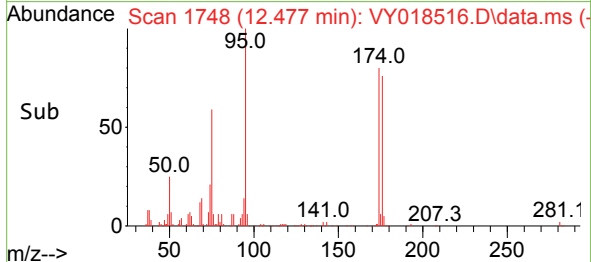
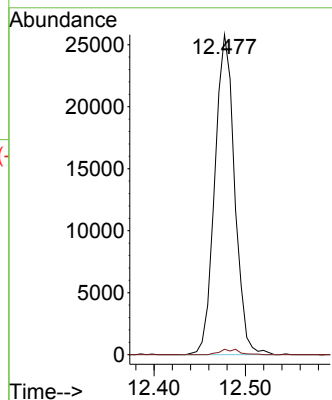
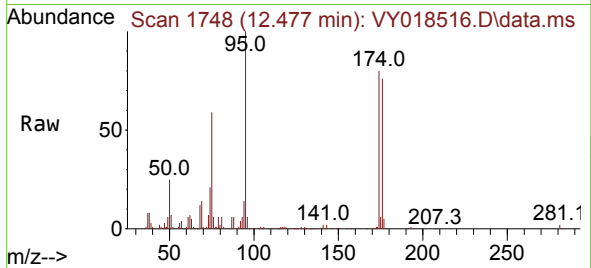




#76
1,2,3-Trichloropropane
Concen: 83.621 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.152 min
Lab File: VY018516.D
Acq: 06 Jun 2024 19:43

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 38961
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 175.683 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY018516.D
Acq: 06 Jun 2024 19:43

Tgt Ion: 75 Resp: 38961
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.0 35.8 53.6#

