

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042424\
 Data File : VY018029.D
 Acq On : 24 Apr 2024 09:48
 Operator : SY/MD
 Sample : VY0424SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 25 01:31:33 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)

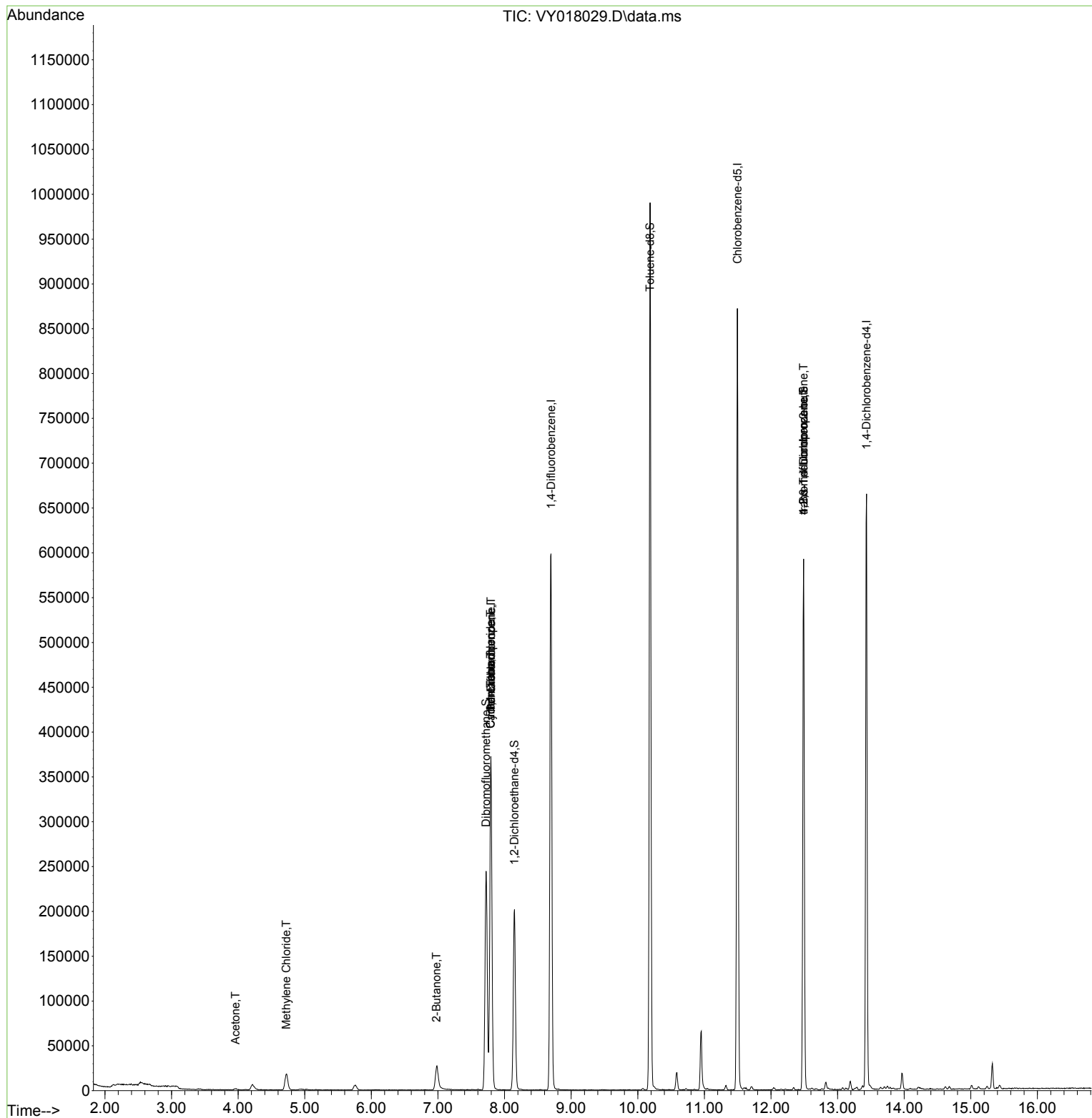
Internal Standards						
1) Pentafluorobenzene	7.795	168	305735	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	554449	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	496257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	181607	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	151924	57.422	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.840%
35) Dibromofluoromethane	7.722	113	176947	51.730	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.460%
50) Toluene-d8	10.185	98	646757	49.829	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.660%
62) 4-Bromofluorobenzene	12.489	95	171378	42.633	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.260%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.960	59	1128	Below Cal	#	88
16) Acetone	3.960	43	2229	4.264	ug/l #	69
20) Methylene Chloride	4.723	84	14391	4.063	ug/l	97
25) 2-Butanone	6.978	43	921	1.199	ug/l #	77
31) Cyclohexane	7.789	56	5466	1.081	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	22198	4.462	ug/l #	47
38) Carbon Tetrachloride	7.789	117	27337	5.439	ug/l #	16
76) 1,2,3-Trichloropropane	12.489	75	84731	49.720	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	84731	102.513	ug/l #	16

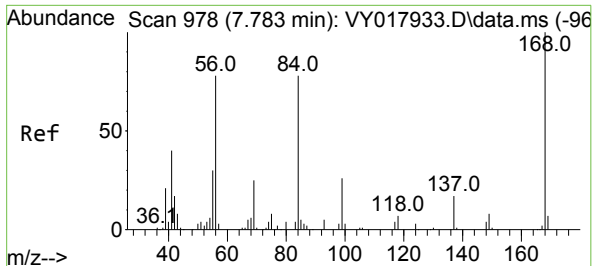
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042424\
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MSVOA_Y
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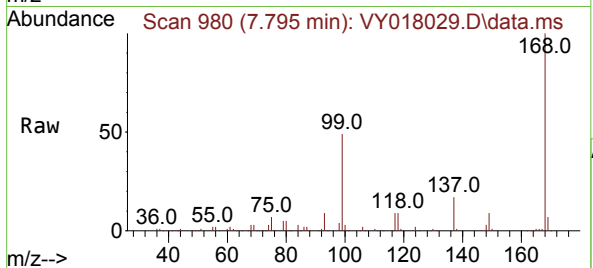
Quant Time: Apr 25 01:31:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:24:42 2024
Response via : Initial Calibration



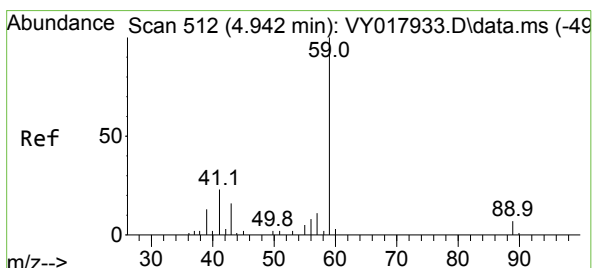
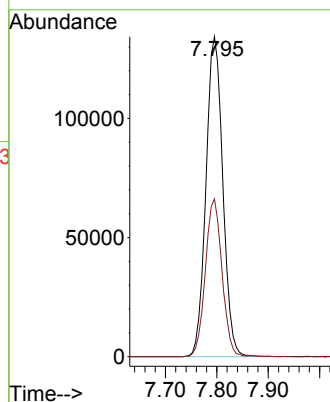
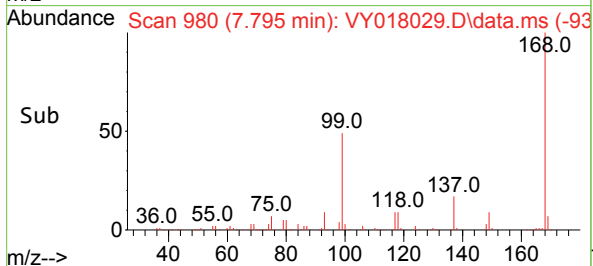


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018029.D
Acq: 24 Apr 2024 09:48

Instrument :
MSVOA_Y
ClientSampleId :

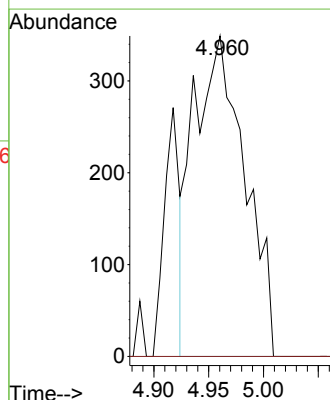
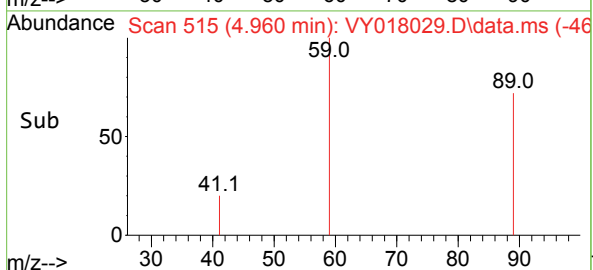
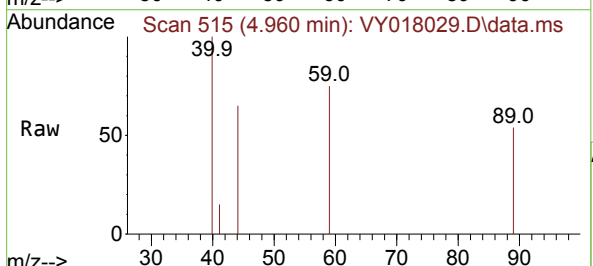


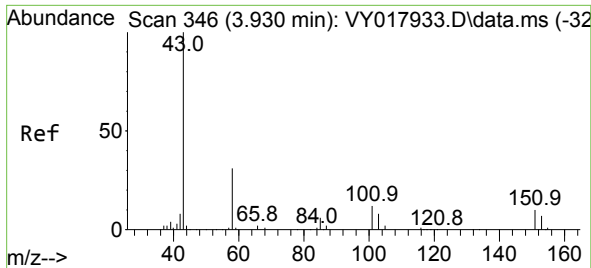
Tgt Ion:168 Resp: 305735
Ion Ratio Lower Upper
168 100
99 49.3 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY018029.D
Acq: 24 Apr 2024 09:48

Tgt Ion: 59 Resp: 1128
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

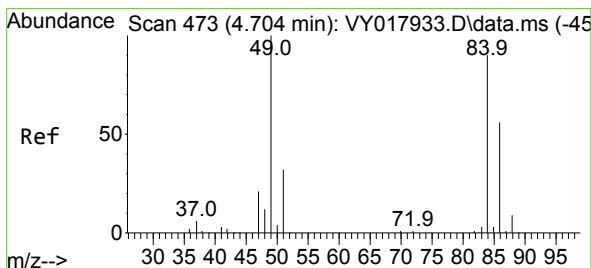
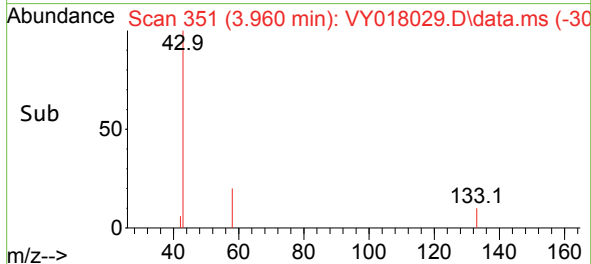
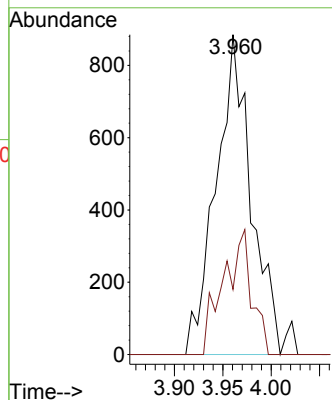
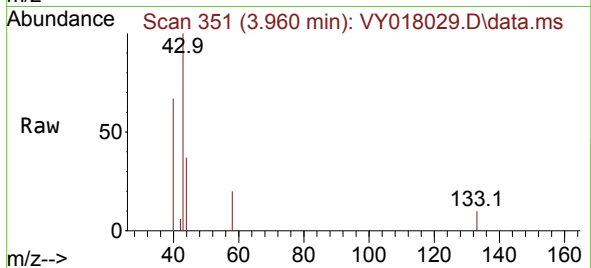




#16
Acetone
Concen: 4.264 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY018029.D
Acq: 24 Apr 2024 09:48

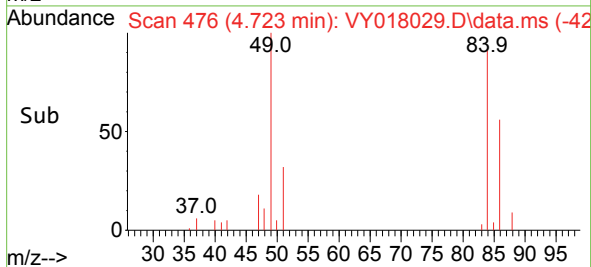
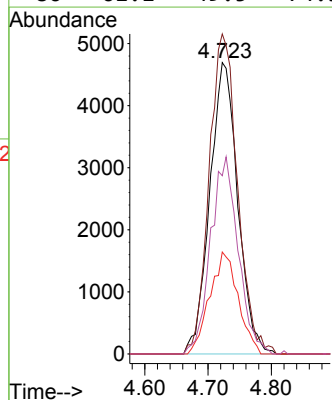
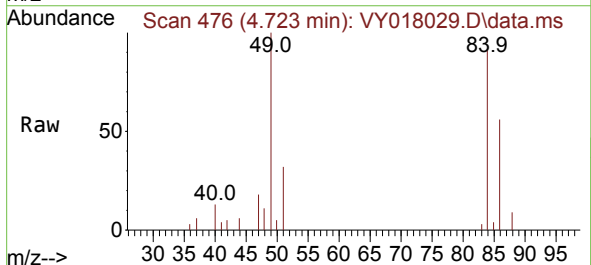
Instrument :
MSVOA_Y
ClientSampleId :

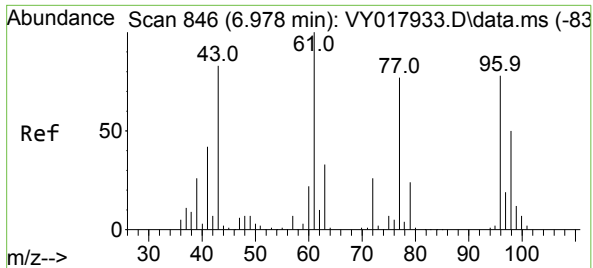
Tgt Ion: 43 Resp: 2229
Ion Ratio Lower Upper
43 100
58 20.3 31.7 47.5#



#20
Methylene Chloride
Concen: 4.063 ug/l
RT: 4.723 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY018029.D
Acq: 24 Apr 2024 09:48

Tgt Ion: 84 Resp: 14391
Ion Ratio Lower Upper
84 100
49 109.8 84.4 126.6
51 35.0 26.0 39.0
86 61.1 49.5 74.3

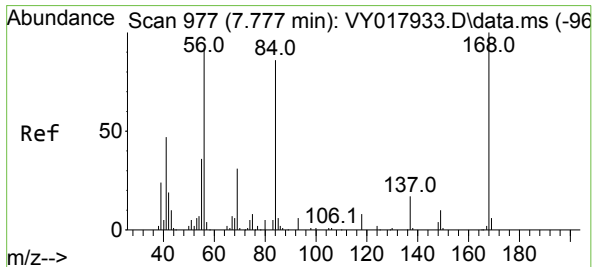
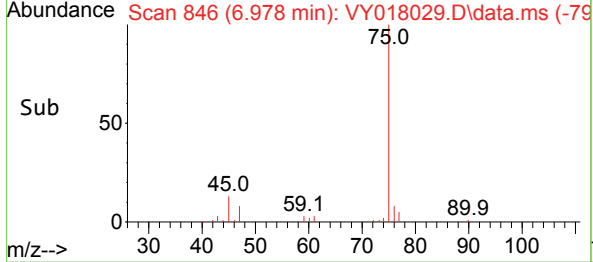
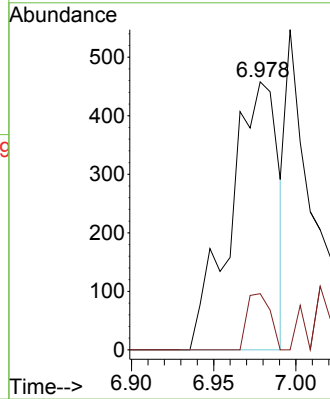
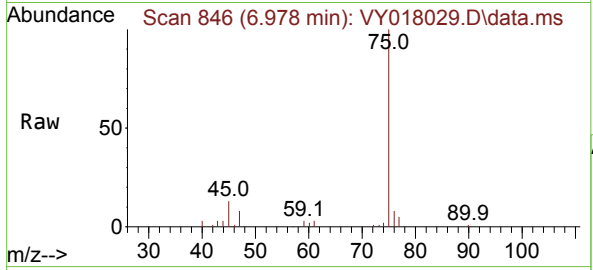




#25
2-Butanone
Concen: 1.199 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY018029.D
Acq: 24 Apr 2024 09:48

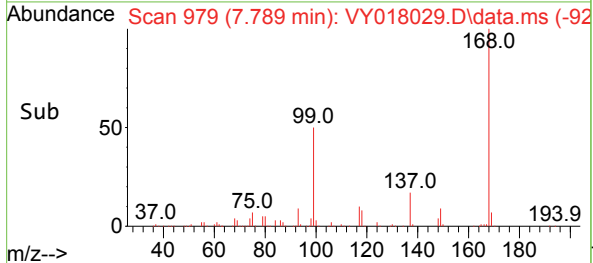
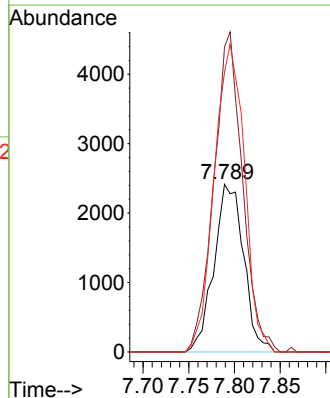
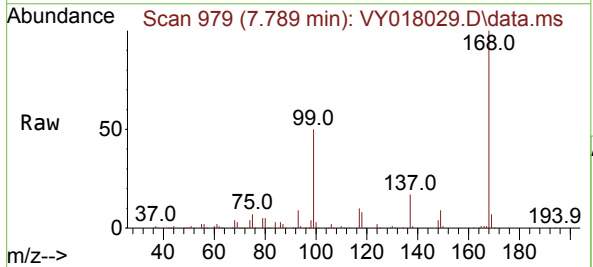
Instrument :
MSVOA_Y
ClientSampleId :

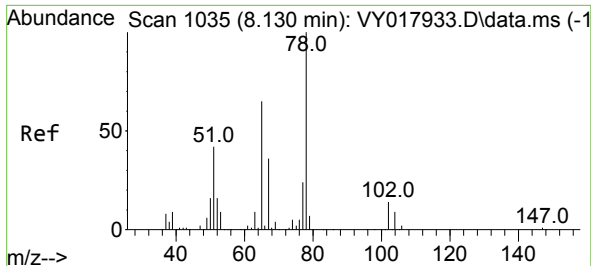
Tgt Ion: 43 Resp: 921
Ion Ratio Lower Upper
43 100
72 21.0 27.3 40.9#



#31
Cyclohexane
Concen: 1.081 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY018029.D
Acq: 24 Apr 2024 09:48

Tgt Ion: 56 Resp: 5466
Ion Ratio Lower Upper
56 100
69 181.9 28.7 43.1#
84 166.8 77.7 116.5#

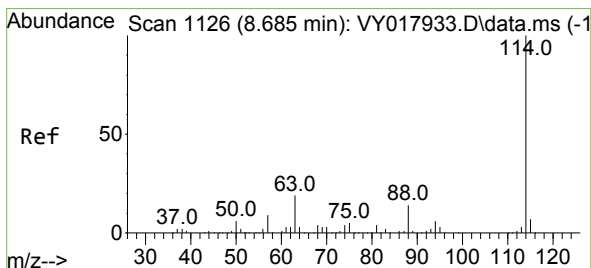
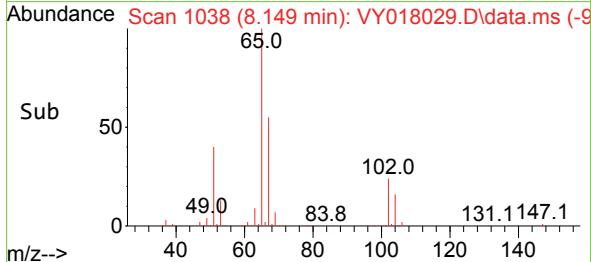
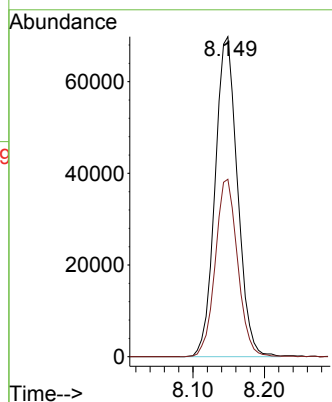
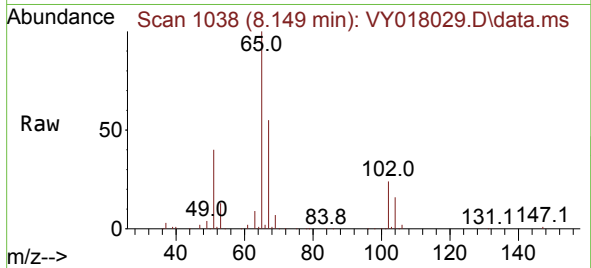




#33
1,2-Dichloroethane-d4
Concen: 57.422 ug/l
RT: 8.149 min Scan# 1035
Delta R.T. 0.006 min
Lab File: VY018029.D
Acq: 24 Apr 2024 09:48

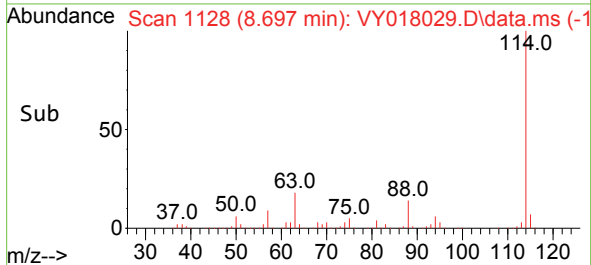
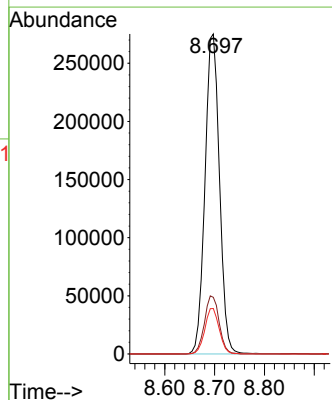
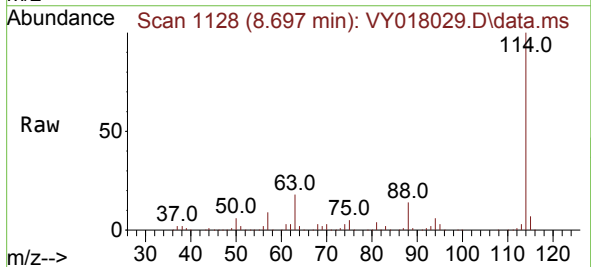
Instrument :
MSVOA_Y
ClientSampleId :

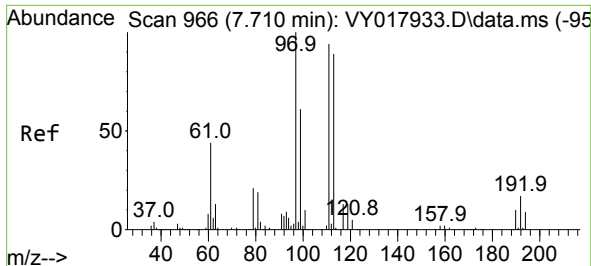
Tgt Ion: 65 Resp: 151924
Ion Ratio Lower Upper
65 100
67 55.3 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VY018029.D
Acq: 24 Apr 2024 09:48

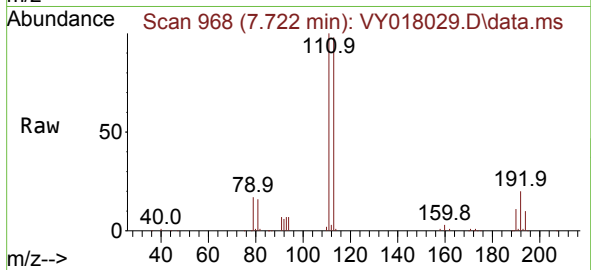
Tgt Ion: 114 Resp: 554449
Ion Ratio Lower Upper
114 100
63 17.7 0.0 35.0
88 14.2 0.0 27.2



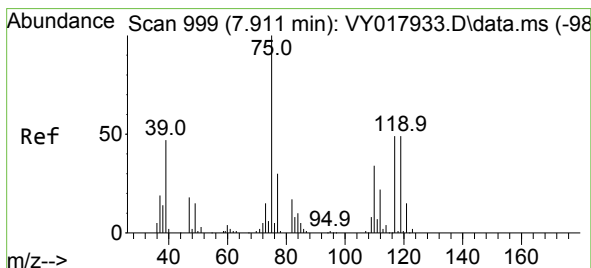
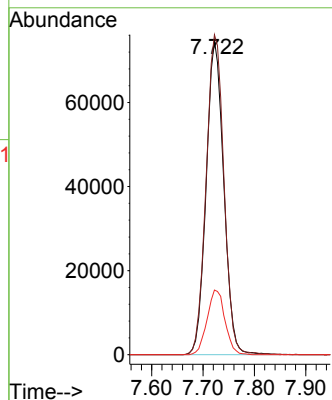
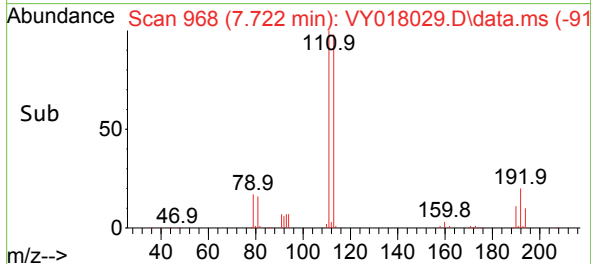


#35
Dibromofluoromethane
Concen: 51.730 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018029.D
Acq: 24 Apr 2024 09:48

Instrument :
MSVOA_Y
ClientSampleId :

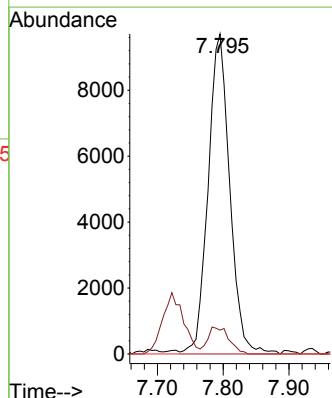
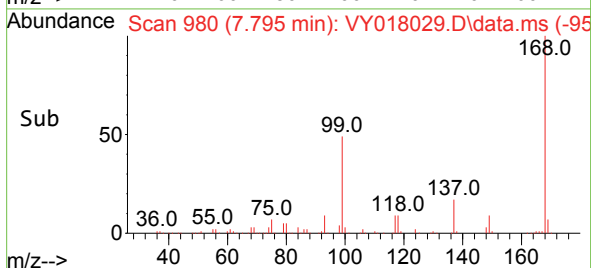
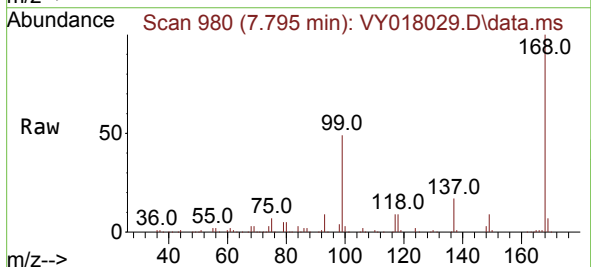


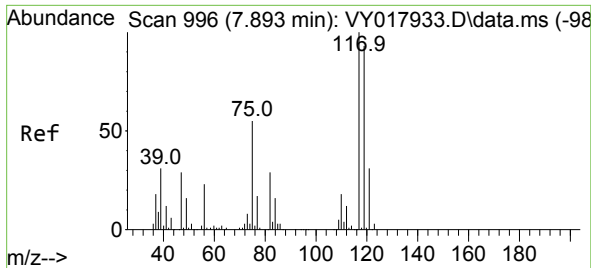
Tgt Ion:113 Resp: 176947
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.4
192 21.0 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.462 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY018029.D
Acq: 24 Apr 2024 09:48

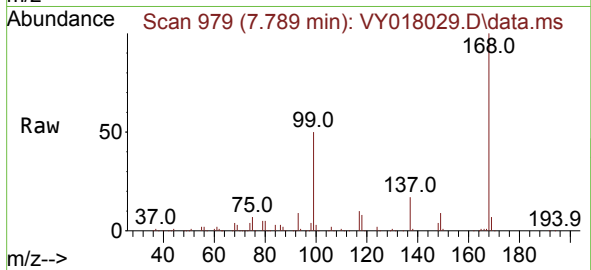
Tgt Ion: 75 Resp: 22198
Ion Ratio Lower Upper
75 100
110 8.2 19.0 57.0#
77 0.0 25.3 37.9#



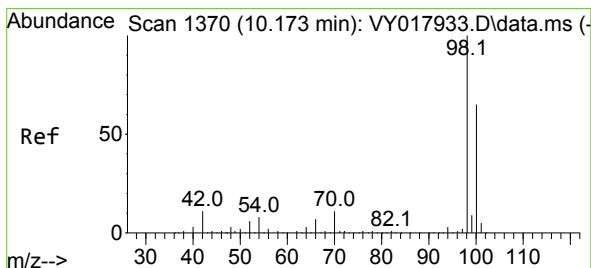
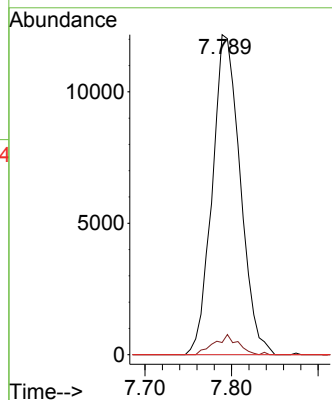
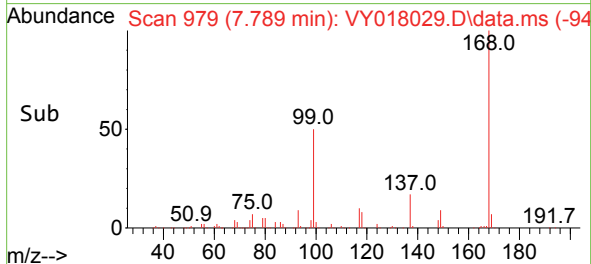


#38
Carbon Tetrachloride
Concen: 5.439 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY018029.D
Acq: 24 Apr 2024 09:48

Instrument :
MSVOA_Y
ClientSampleId :

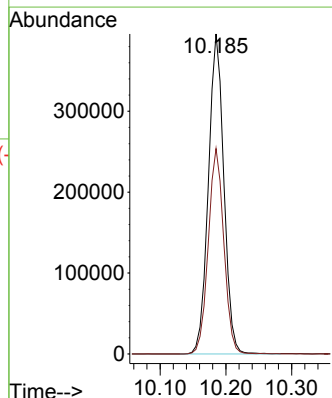
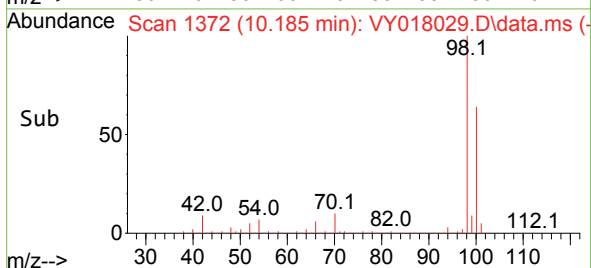
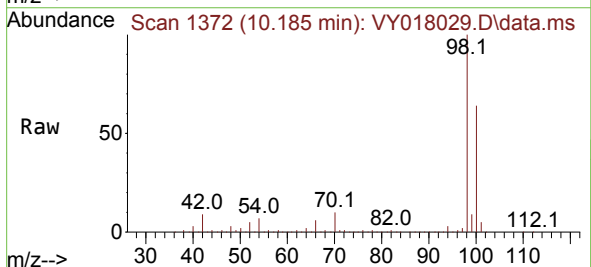


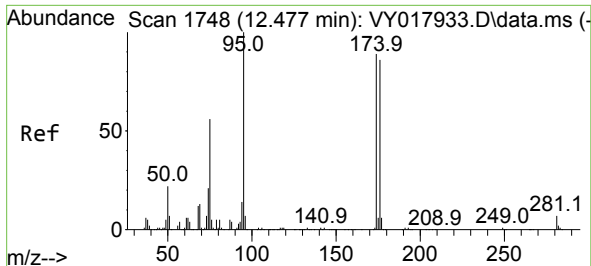
Tgt Ion:117 Resp: 27337
Ion Ratio Lower Upper
117 100
119 3.8 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 49.829 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY018029.D
Acq: 24 Apr 2024 09:48

Tgt Ion: 98 Resp: 646757
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0

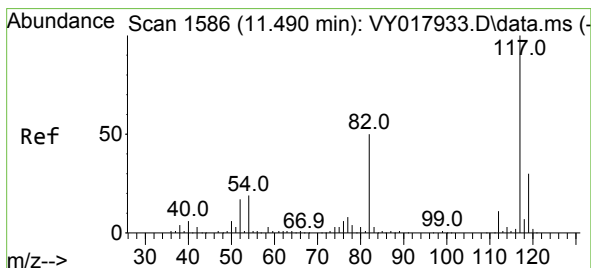
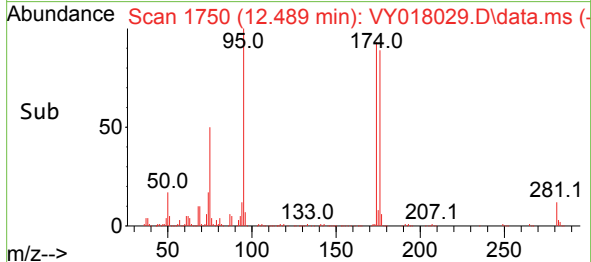
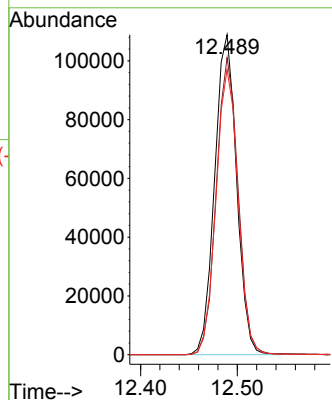
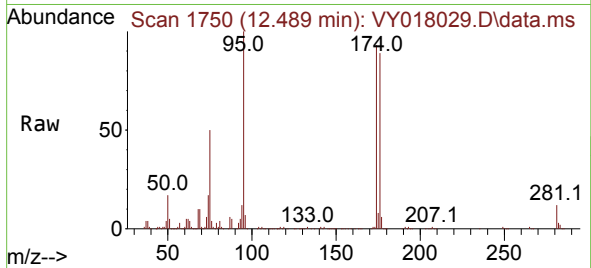




#62
4-Bromofluorobenzene
Concen: 42.633 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY018029.D
Acq: 24 Apr 2024 09:48

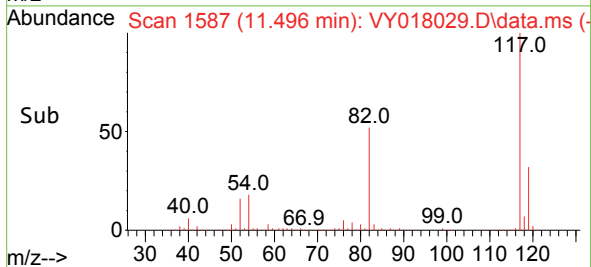
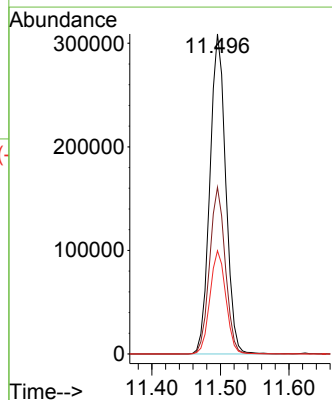
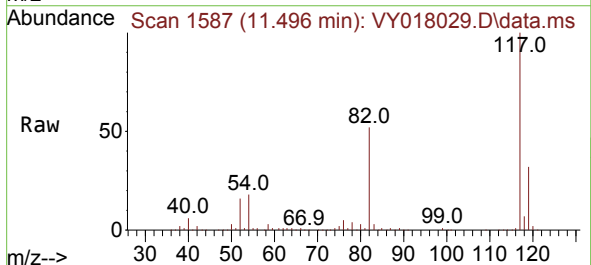
Instrument :
MSVOA_Y
ClientSampleId :

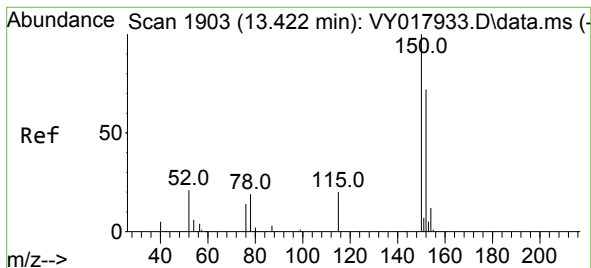
Tgt Ion: 95 Resp: 171378
Ion Ratio Lower Upper
95 100
174 92.7 0.0 175.6
176 89.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY018029.D
Acq: 24 Apr 2024 09:48

Tgt Ion: 117 Resp: 496257
Ion Ratio Lower Upper
117 100
82 52.1 42.4 63.6
119 32.3 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VY018029.D

Acq: 24 Apr 2024 09:48

Instrument :

MSVOA_Y

ClientSampleId :

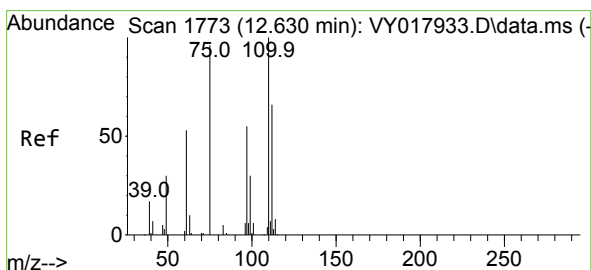
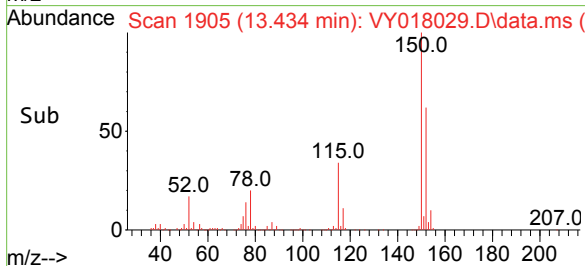
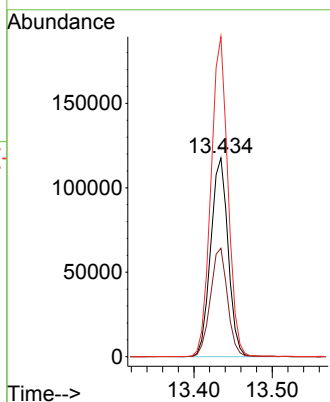
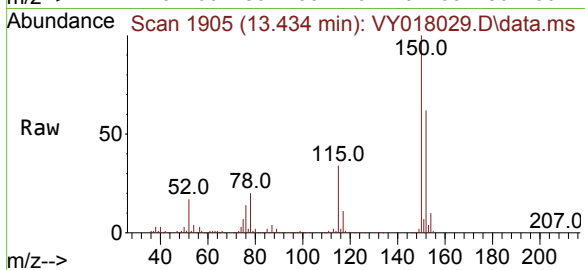
Tgt Ion:152 Resp: 181607

Ion Ratio Lower Upper

152 100

115 53.9 28.2 84.7

150 157.0 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 49.720 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.146 min

Lab File: VY018029.D

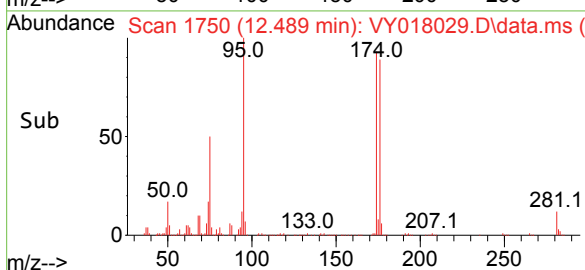
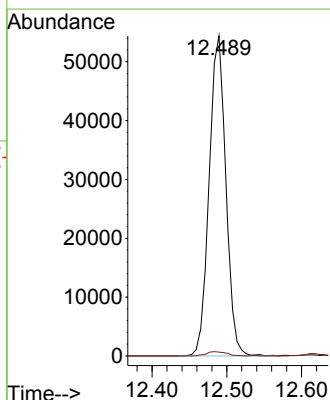
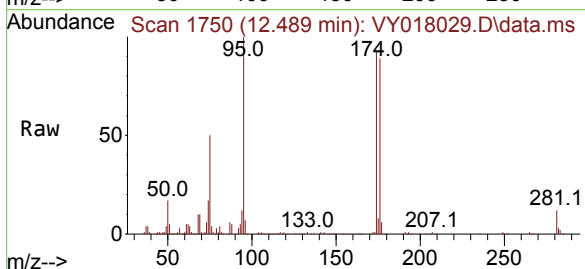
Acq: 24 Apr 2024 09:48

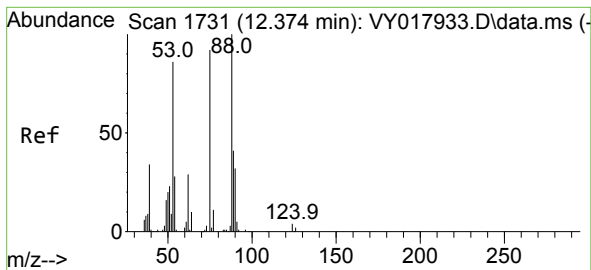
Tgt Ion: 75 Resp: 84731

Ion Ratio Lower Upper

75 100

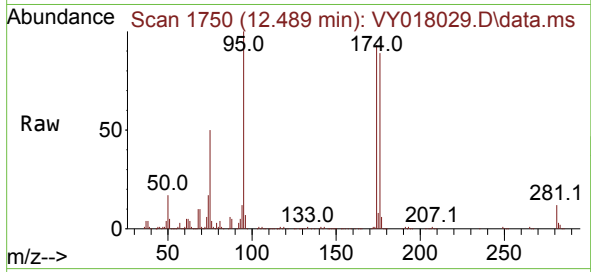
77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 102.513 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY018029.D
 Acq: 24 Apr 2024 09:48

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 84731
 Ion Ratio Lower Upper
 75 100
 53 0.1 66.8 100.2#
 89 0.0 35.8 53.6#

