

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012624\
 Data File : VY017121.D
 Acq On : 26 Jan 2024 15:11
 Operator : SY/MD
 Sample : P1242-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-012424

Quant Time: Jan 29 04:17:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:44:10 2024
 Response via : Initial Calibration

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

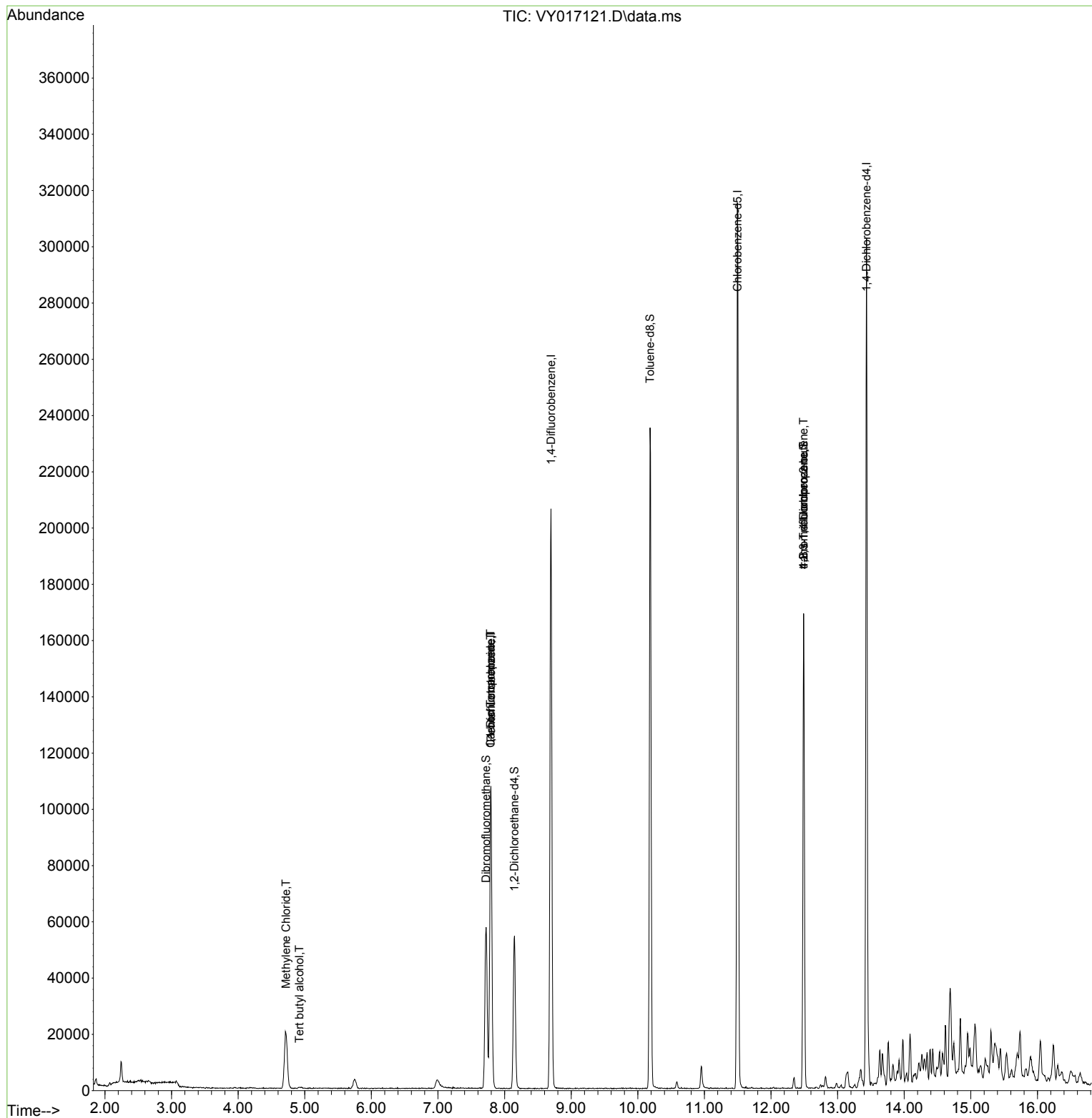
Internal Standards						
1) Pentafluorobenzene	7.795	168	82036	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	175766	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	173865	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	71346	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	40837	51.092	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.180%			
35) Dibromofluoromethane	7.722	113	42716	40.267	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 80.540%			
50) Toluene-d8	10.185	98	154554	38.573	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 77.140%			
62) 4-Bromofluorobenzene	12.489	95	50386	40.821	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 81.640%			
Target Compounds						Qvalue
3) Chloromethane	2.113	50	134	Below Cal	#	41
4) Vinyl Chloride	2.259	62	65	Below Cal	#	43
5) Bromomethane	2.674	94	128	Below Cal	#	52
11) Tert butyl alcohol	4.918	59	225	3.639	ug/l #	75
16) Acetone	3.942	43	338	Below Cal	#	87
20) Methylene Chloride	4.716	84	15685	13.175	ug/l	98
25) 2-Butanone	6.996	43	169	Below Cal	#	48
31) Cyclohexane	7.789	56	1904	Below Cal	#	4
36) 1,1-Dichloropropene	7.789	75	7194	4.122	ug/l #	50
38) Carbon Tetrachloride	7.789	117	8082	4.725	ug/l #	16
76) 1,2,3-Trichloropropane	12.489	75	27036	31.219	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	27036	80.824	ug/l #	12

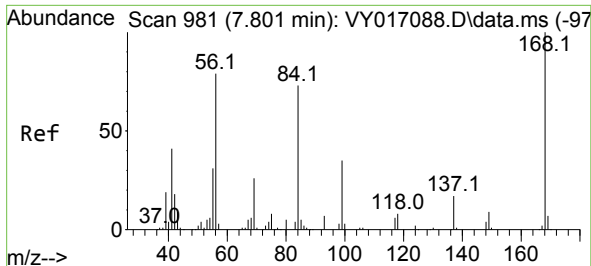
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012624\
Data File : VY017121.D
Acq On : 26 Jan 2024 15:11
Operator : SY/MD
Sample : P1242-01RE
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-012424

Quant Time: Jan 29 04:17:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 25 04:44:10 2024
Response via : Initial Calibration

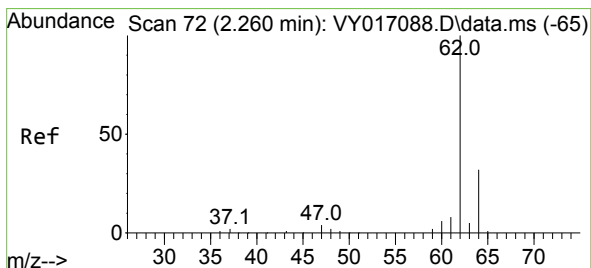
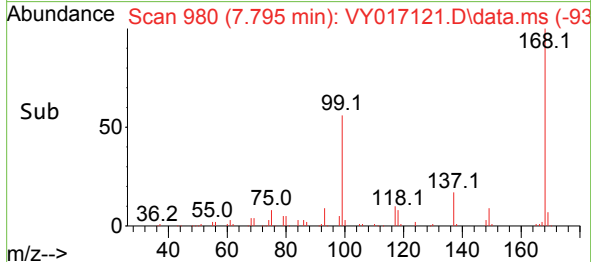
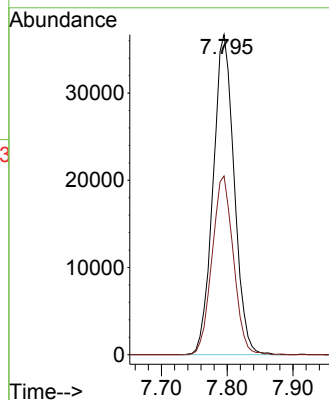
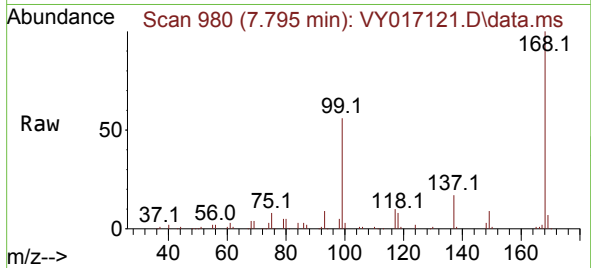




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017121.D
Acq: 26 Jan 2024 15:11

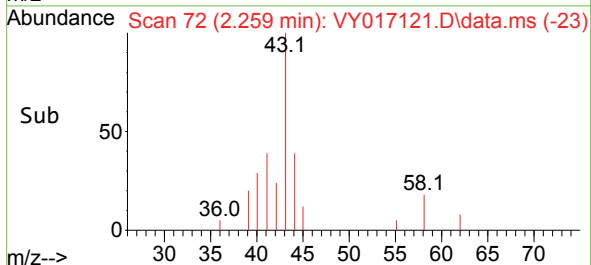
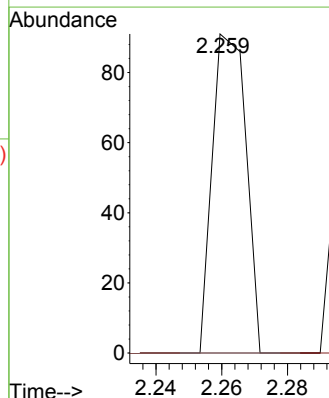
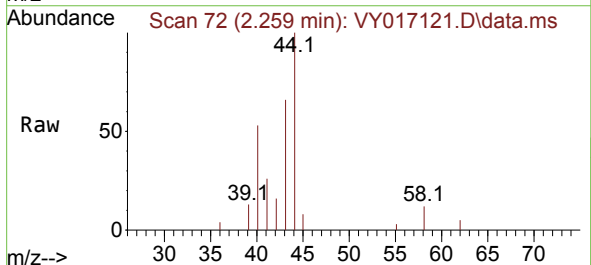
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-012424

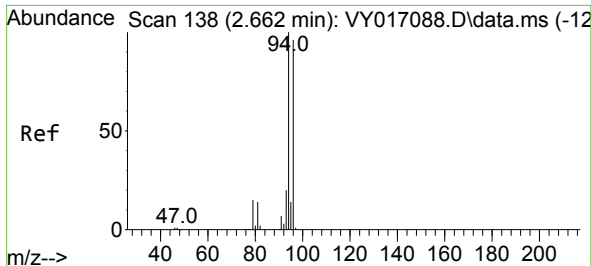
Tgt Ion:168 Resp: 82036
Ion Ratio Lower Upper
168 100
99 55.9 44.2 66.4



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.259 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY017121.D
Acq: 26 Jan 2024 15:11

Tgt Ion: 62 Resp: 65
Ion Ratio Lower Upper
62 100
64 0.0 25.7 38.5#





#5

Bromomethane

Concen: Below Cal

RT: 2.674 min Scan# 14

Delta R.T. 0.012 min

Lab File: VY017121.D

Acq: 26 Jan 2024 15:11

Instrument :

MSVOA_Y

ClientSampleId :

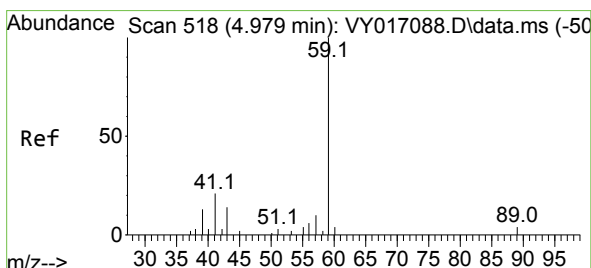
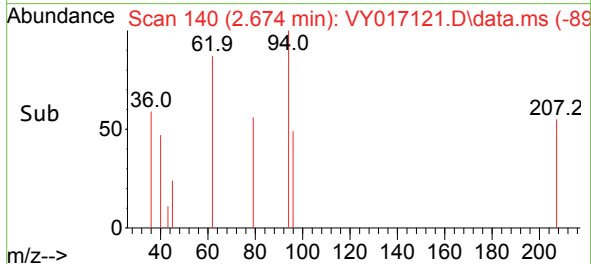
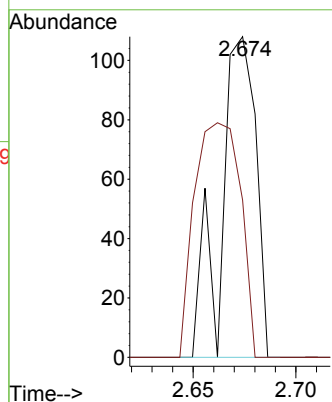
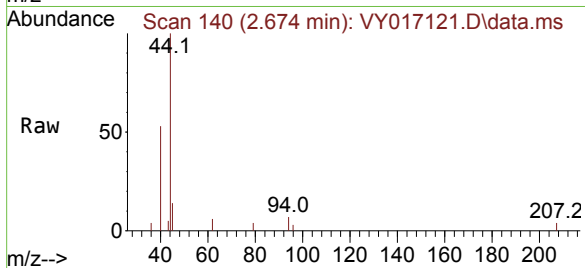
TR-04-012424

Tgt Ion: 94 Resp: 128

Ion Ratio Lower Upper

94 100

96 49.1 77.3 115.9#



#11

Tert butyl alcohol

Concen: 3.639 ug/l

RT: 4.918 min Scan# 508

Delta R.T. -0.048 min

Lab File: VY017121.D

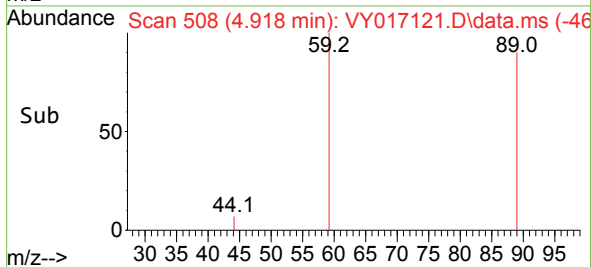
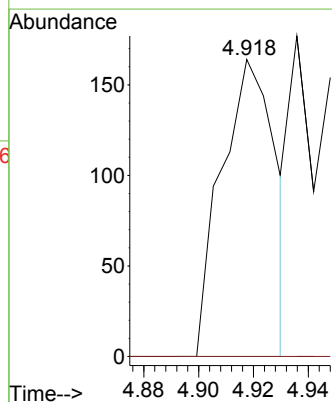
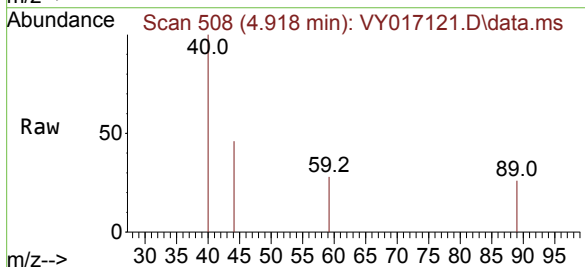
Acq: 26 Jan 2024 15:11

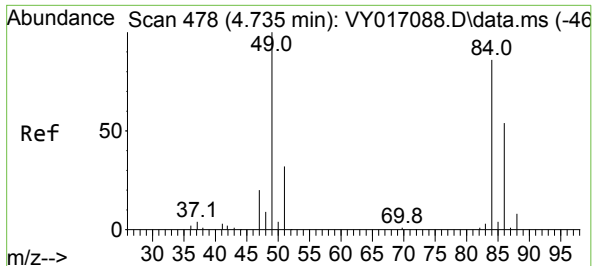
Tgt Ion: 59 Resp: 225

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.0#

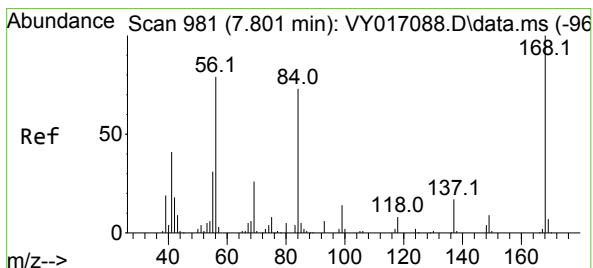
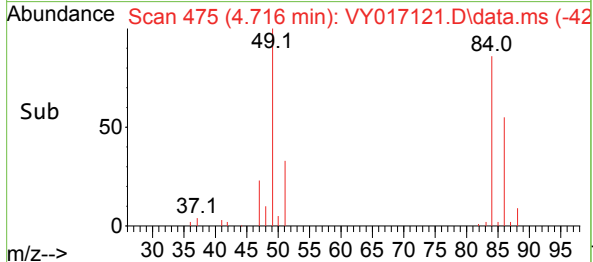
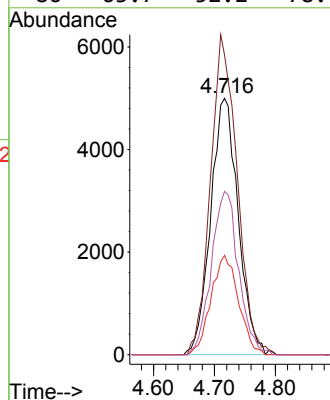
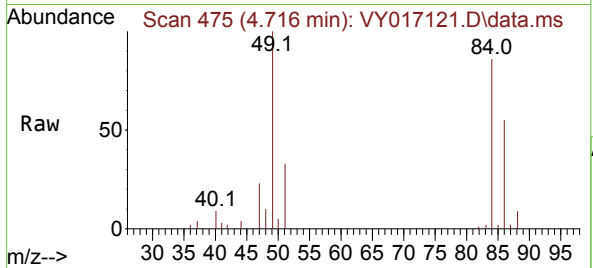




#20
Methylene Chloride
Concen: 13.175 ug/l
RT: 4.716 min Scan# 41
Delta R.T. -0.018 min
Lab File: VY017121.D
Acq: 26 Jan 2024 15:11

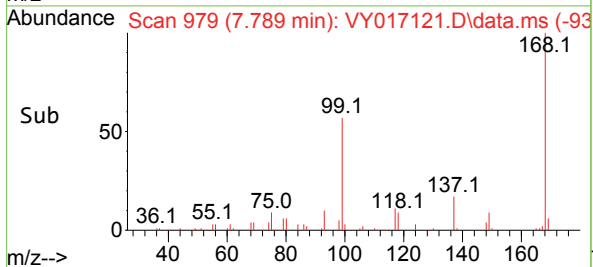
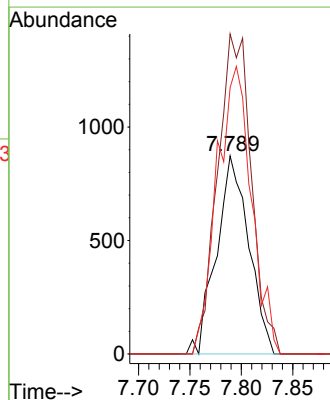
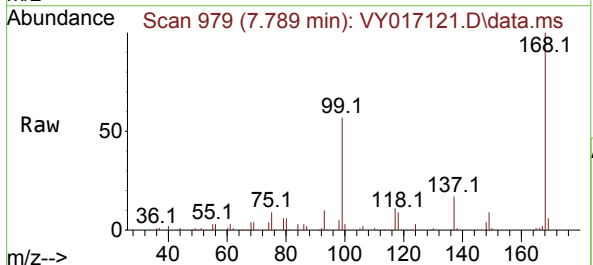
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-012424

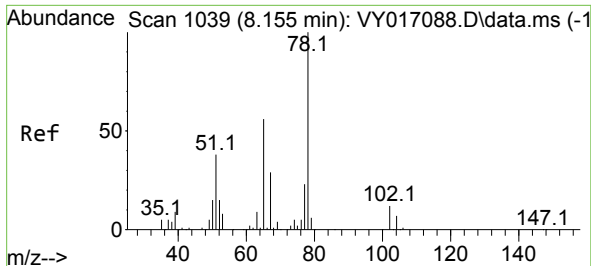
Tgt Ion:	84	Resp:	15685
Ion	Ratio	Lower	Upper
84	100		
49	116.9	95.2	142.8
51	38.8	29.9	44.9
86	63.7	52.2	78.4



#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 979
Delta R.T. -0.012 min
Lab File: VY017121.D
Acq: 26 Jan 2024 15:11

Tgt Ion:	56	Resp:	1904
Ion	Ratio	Lower	Upper
56	100		
69	161.5	27.0	40.6#
84	134.5	71.8	107.6#

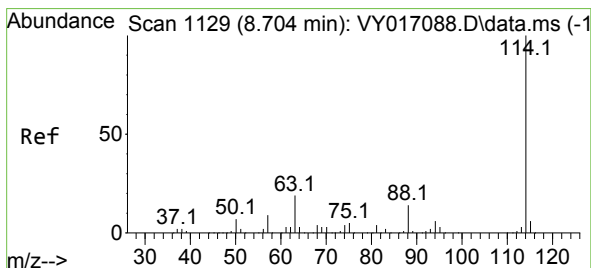
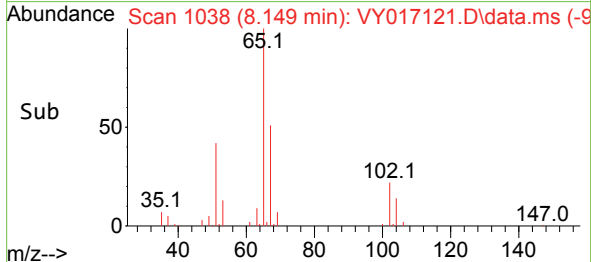
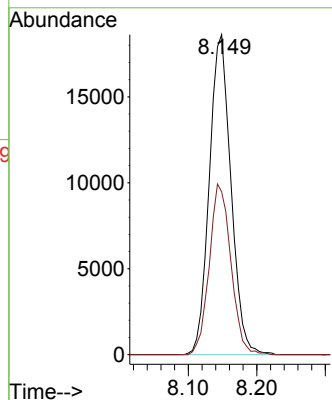
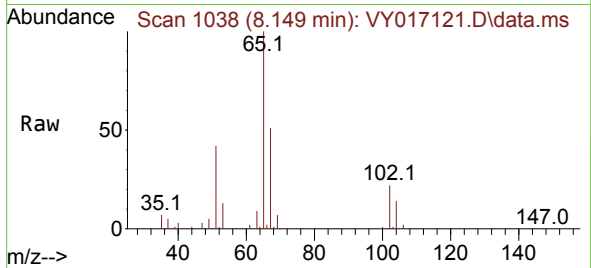




#33
 1,2-Dichloroethane-d4
 Concen: 51.092 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.006 min
 Lab File: VY017121.D
 Acq: 26 Jan 2024 15:11

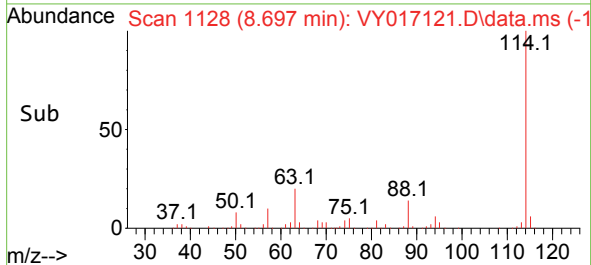
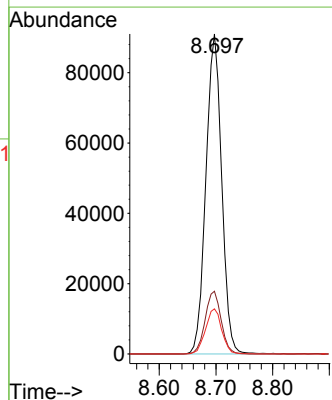
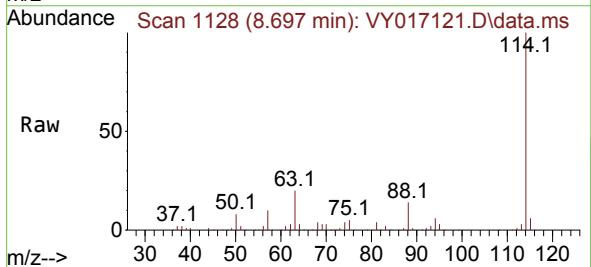
Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-012424

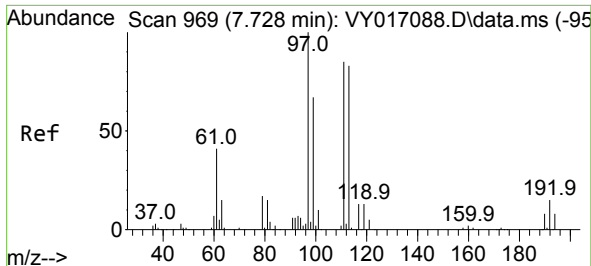
Tgt Ion: 65 Resp: 40837
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.006 min
 Lab File: VY017121.D
 Acq: 26 Jan 2024 15:11

Tgt Ion: 114 Resp: 175766
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 37.4
 88 14.1 0.0 29.0

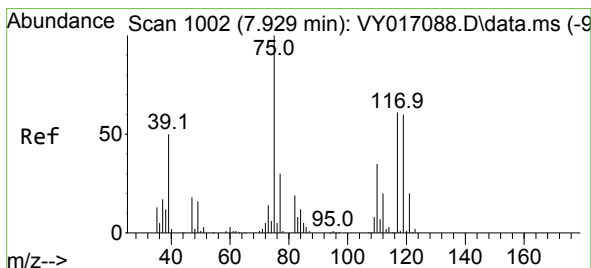
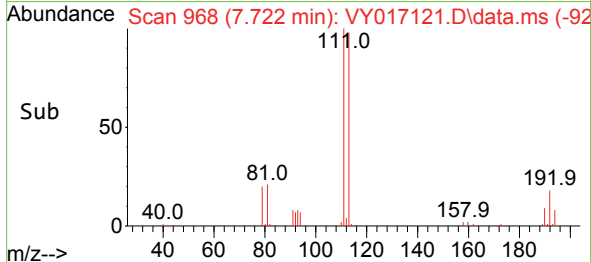
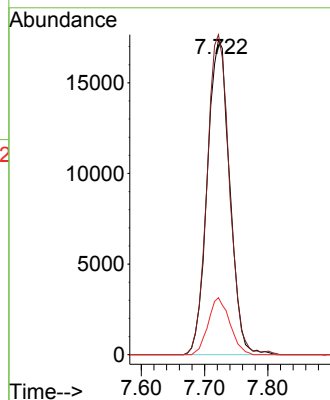
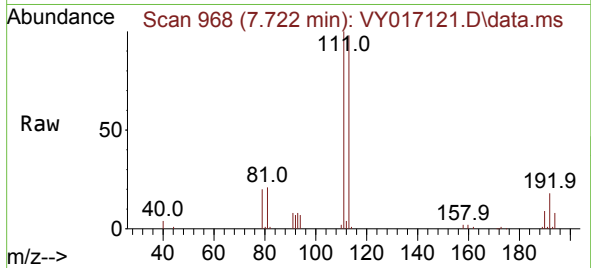




#35
Dibromofluoromethane
Concen: 40.267 ug/l
RT: 7.722 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY017121.D
Acq: 26 Jan 2024 15:11

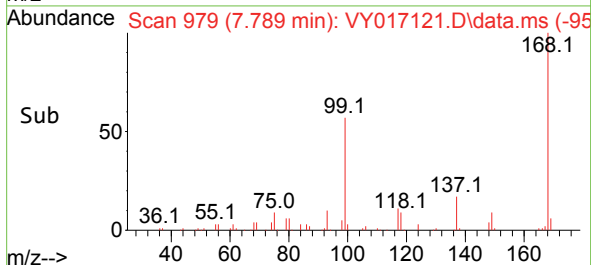
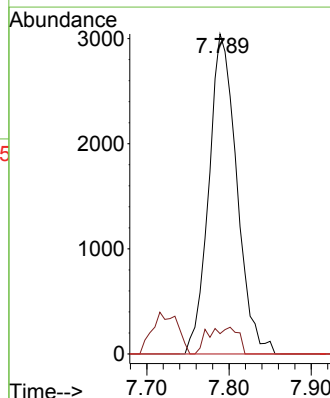
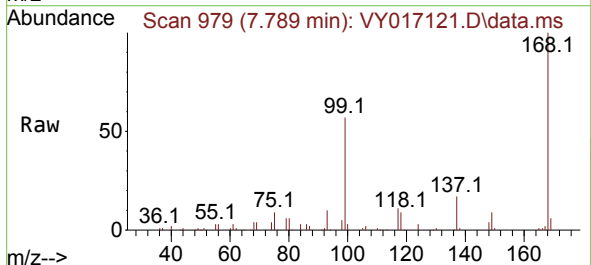
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-012424

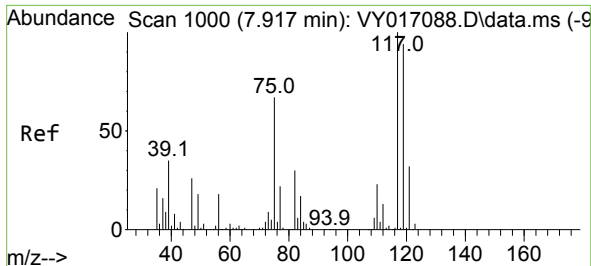
Tgt Ion:113 Resp: 42716
Ion Ratio Lower Upper
113 100
111 101.7 83.8 125.6
192 17.5 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.122 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.140 min
Lab File: VY017121.D
Acq: 26 Jan 2024 15:11

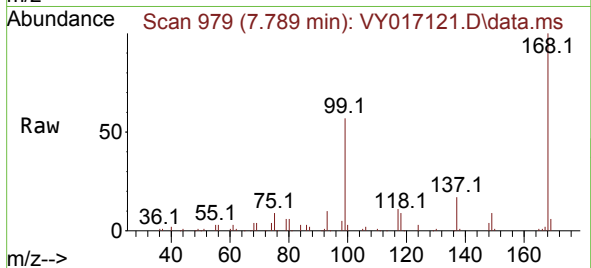
Tgt Ion: 75 Resp: 7194
Ion Ratio Lower Upper
75 100
110 9.0 17.4 52.3#
77 0.0 24.7 37.1#



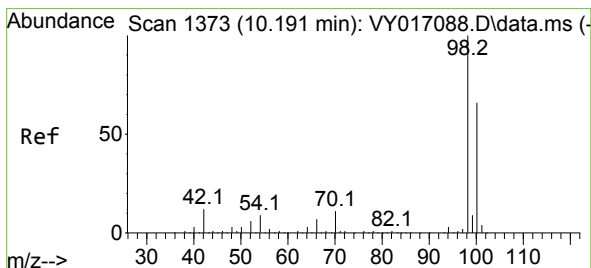
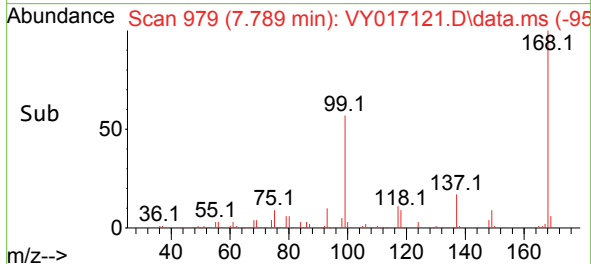
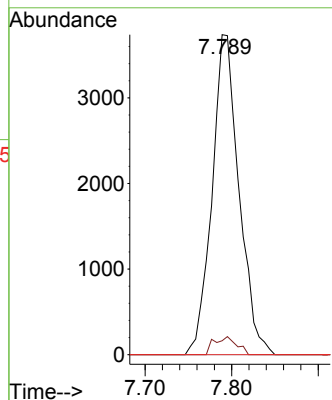


#38
Carbon Tetrachloride
Concen: 4.725 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY017121.D
Acq: 26 Jan 2024 15:11

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-012424

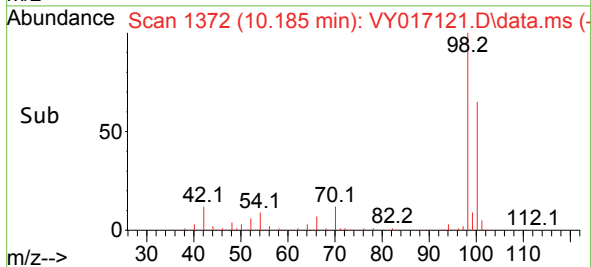
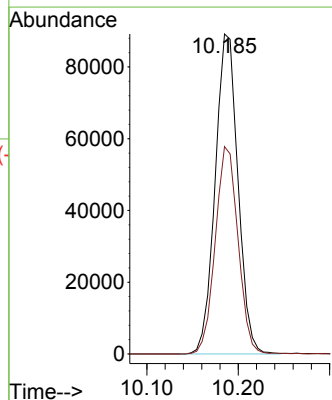
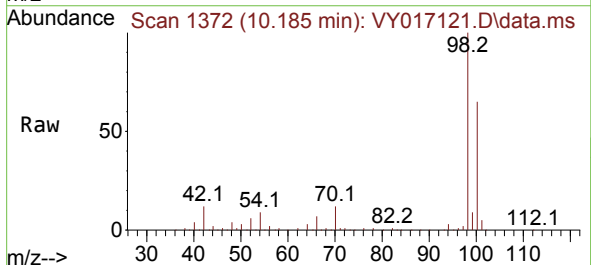


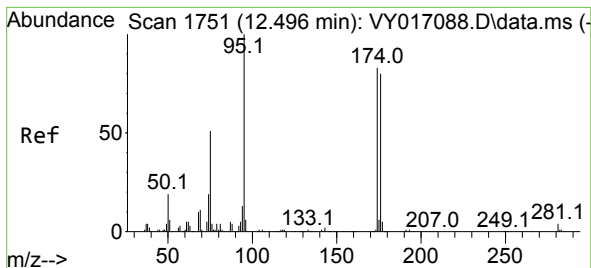
Tgt Ion:117 Resp: 8082
Ion Ratio Lower Upper
117 100
119 4.3 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 38.573 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY017121.D
Acq: 26 Jan 2024 15:11

Tgt Ion: 98 Resp: 154554
Ion Ratio Lower Upper
98 100
100 64.8 52.3 78.5





#62

4-Bromofluorobenzene

Concen: 40.821 ug/l

RT: 12.489 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017121.D

Acq: 26 Jan 2024 15:11

Instrument :

MSVOA_Y

ClientSampleId :

TR-04-012424

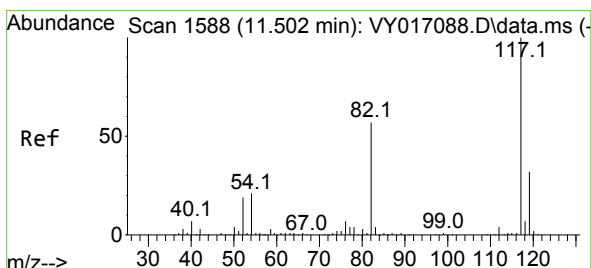
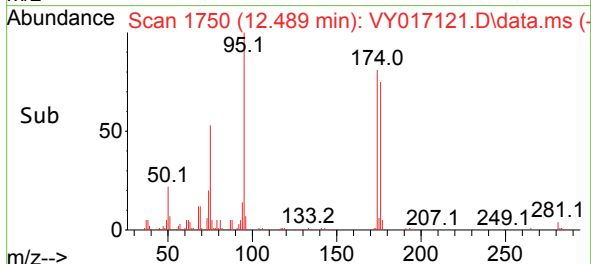
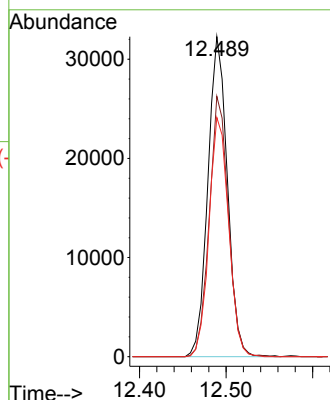
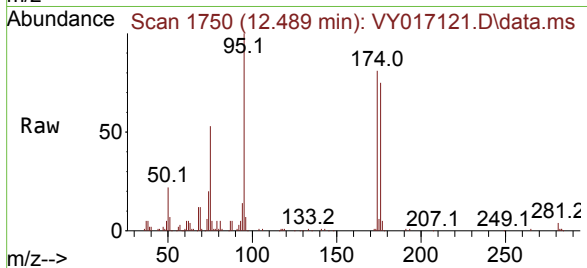
Tgt Ion: 95 Resp: 50386

Ion Ratio Lower Upper

95 100

174 80.1 0.0 160.0

176 75.2 0.0 151.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 1587

Delta R.T. -0.006 min

Lab File: VY017121.D

Acq: 26 Jan 2024 15:11

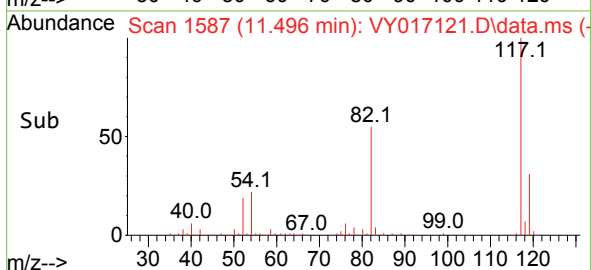
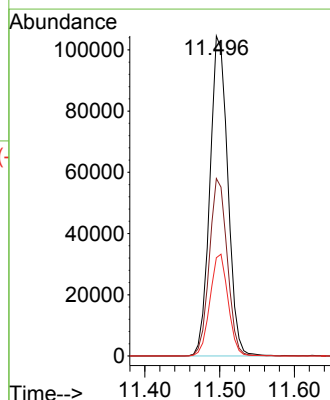
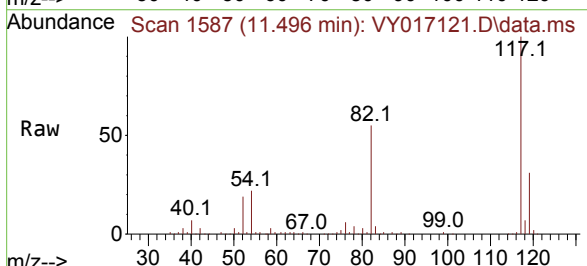
Tgt Ion: 117 Resp: 173865

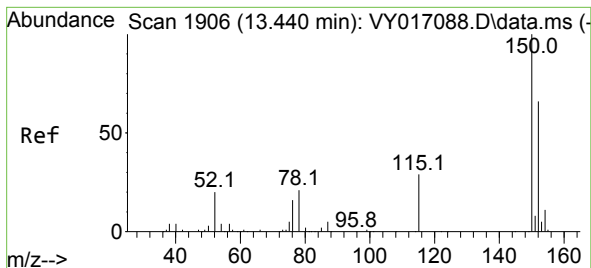
Ion Ratio Lower Upper

117 100

82 55.5 43.8 65.8

119 30.7 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VY017121.D

Acq: 26 Jan 2024 15:11

Instrument :

MSVOA_Y

ClientSampleId :

TR-04-012424

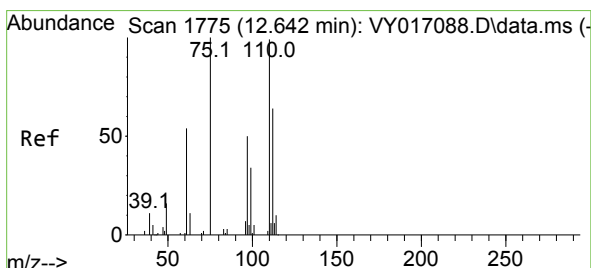
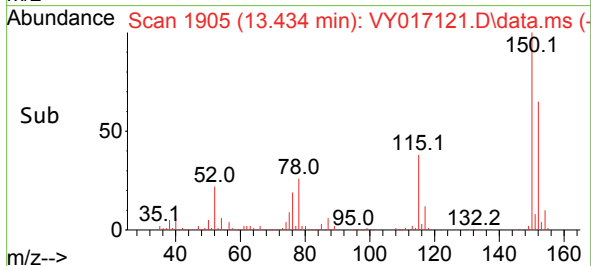
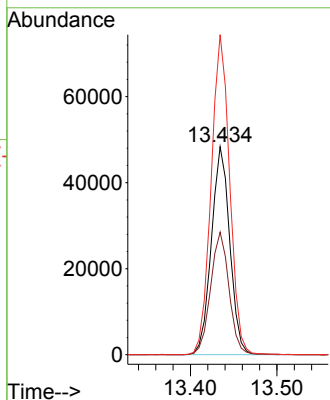
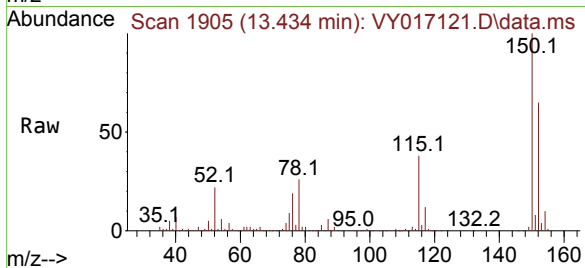
Tgt Ion:152 Resp: 71346

Ion Ratio Lower Upper

152 100

115 59.3 30.0 90.0

150 154.9 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 31.219 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.153 min

Lab File: VY017121.D

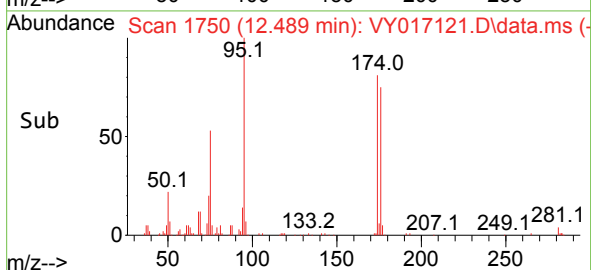
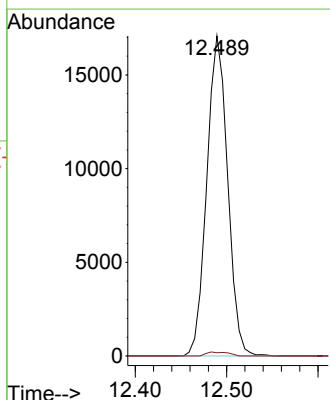
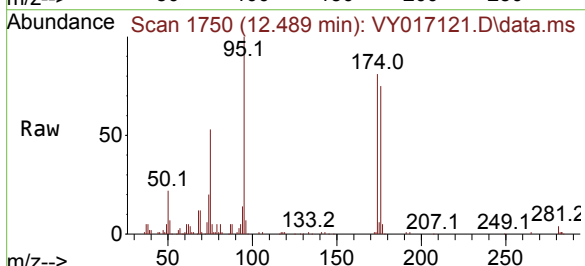
Acq: 26 Jan 2024 15:11

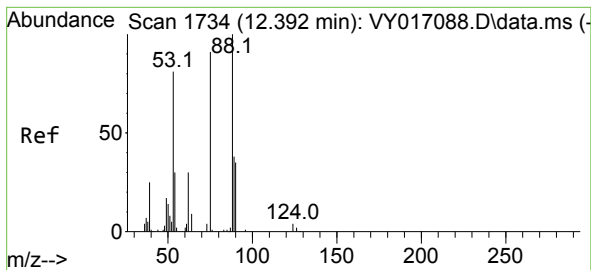
Tgt Ion: 75 Resp: 27036

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.824 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY017121.D
 Acq: 26 Jan 2024 15:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-012424

Tgt Ion: 75 Resp: 27036
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.0 111.0#
 89 0.0 36.5 54.7#

