

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030824\
 Data File : VY017621.D
 Acq On : 08 Mar 2024 13:22
 Operator : SY/MD
 Sample : P1710-01RE
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-030724

Quant Time: Mar 08 22:24:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

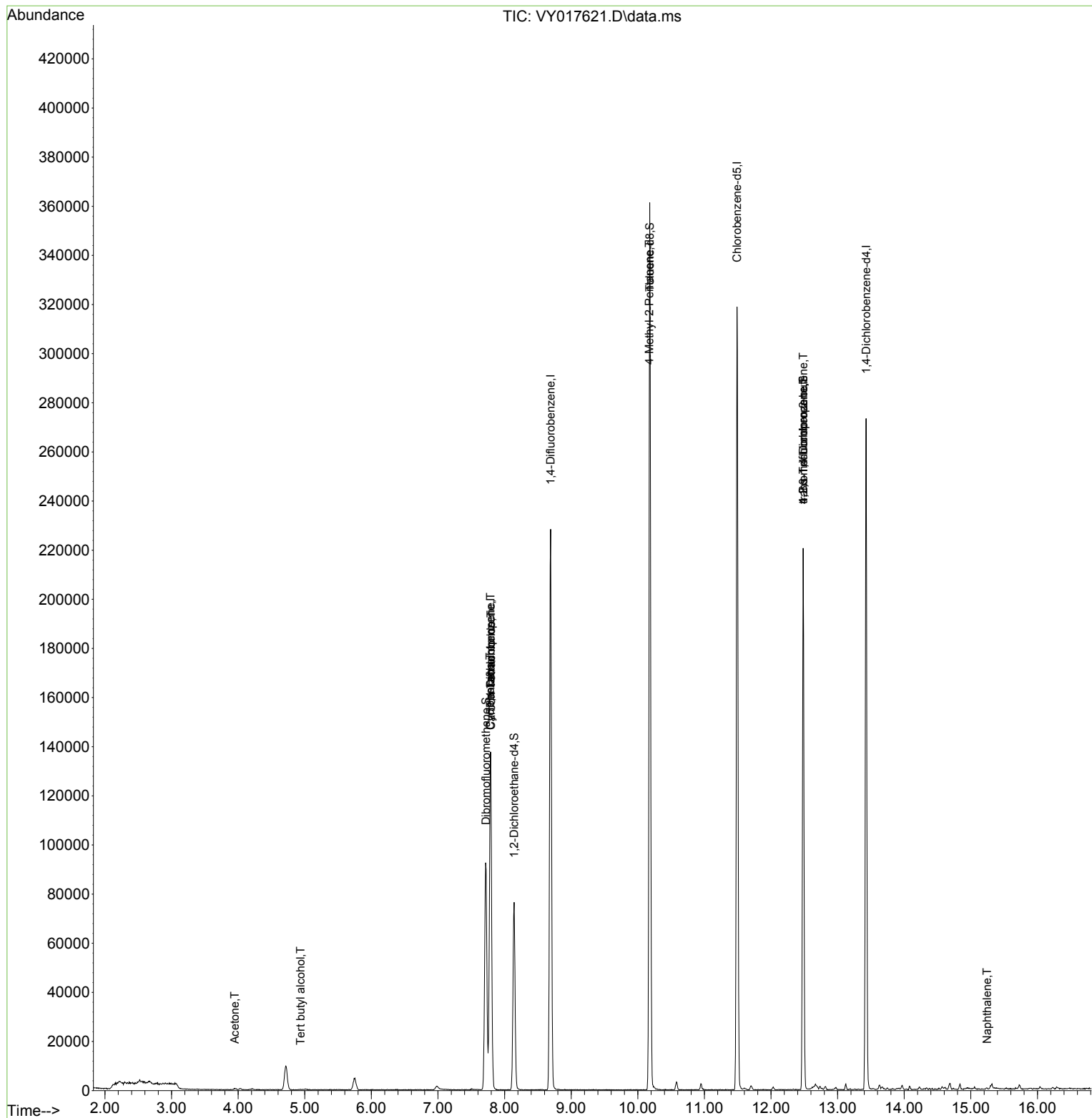
Internal Standards						
1) Pentafluorobenzene	7.789	168	112395	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	207458	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	184609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	71841	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	56163	52.725	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.460%
35) Dibromofluoromethane	7.722	113	67343	46.584	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.160%
50) Toluene-d8	10.179	98	238753	47.236	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.480%
62) 4-Bromofluorobenzene	12.483	95	64545	40.633	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.260%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	135	1.492	ug/l #	88
16) Acetone	3.948	43	762	3.688	ug/l #	86
31) Cyclohexane	7.783	56	2056	1.186	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	8399	4.306	ug/l #	47
38) Carbon Tetrachloride	7.795	117	10495	5.369	ug/l #	16
51) 4-Methyl-2-Pentanone	10.173	43	943	1.250	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	32161	47.116	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	32161	108.261	ug/l #	16
95) Naphthalene	15.245	128	576	4.150	ug/l #	74

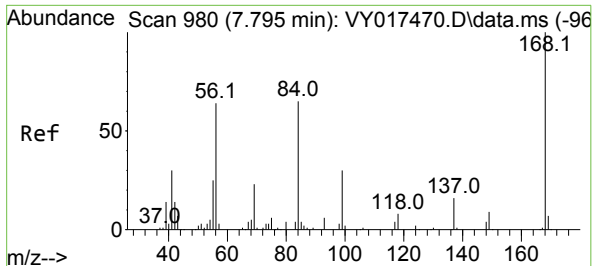
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030824\
Data File : VY017621.D
Acq On : 08 Mar 2024 13:22
Operator : SY/MD
Sample : P1710-01RE
Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-030724

Quant Time: Mar 08 22:24:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 2024
Response via : Initial Calibration

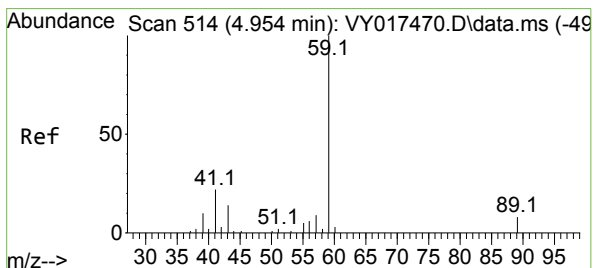
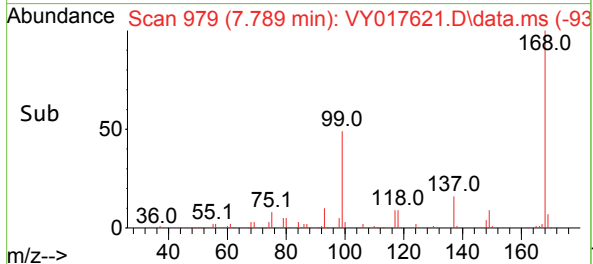
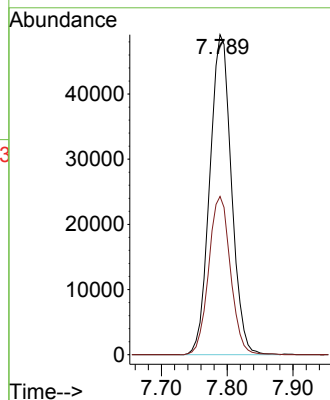
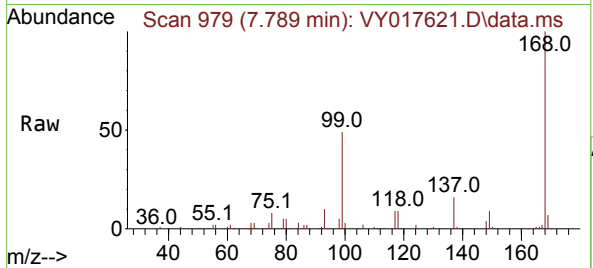




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017621.D
Acq: 08 Mar 2024 13:22

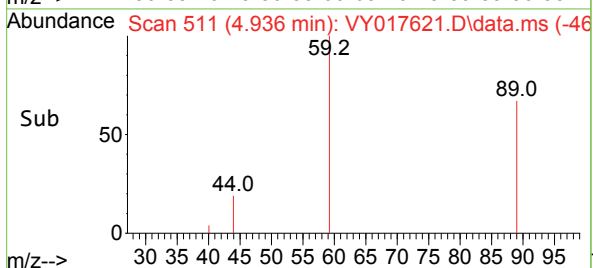
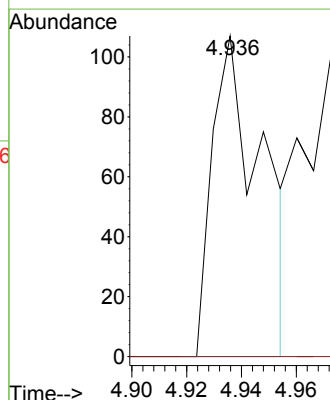
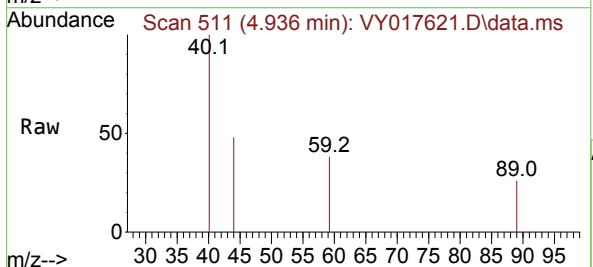
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-030724

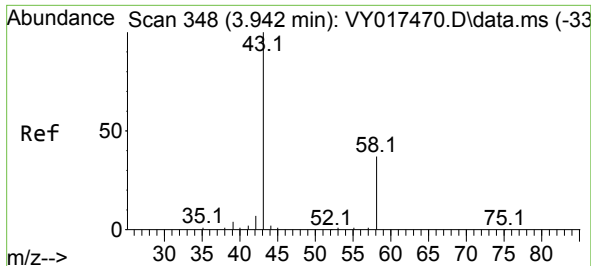
Tgt Ion:168 Resp: 112395
Ion Ratio Lower Upper
168 100
99 49.4 39.1 58.7



#11
Tert butyl alcohol
Concen: 1.492 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY017621.D
Acq: 08 Mar 2024 13:22

Tgt Ion: 59 Resp: 135
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 3.688 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY017621.D

Acq: 08 Mar 2024 13:22

Instrument :

MSVOA_Y

ClientSampleId :

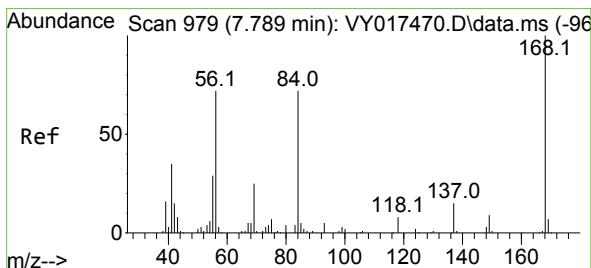
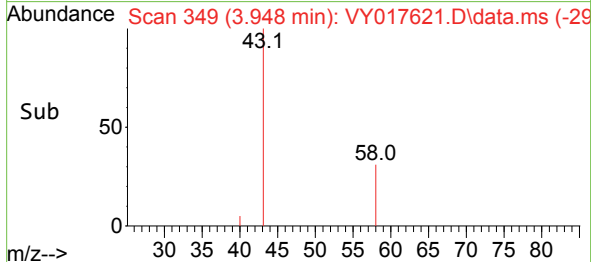
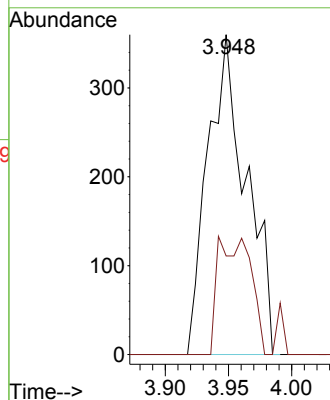
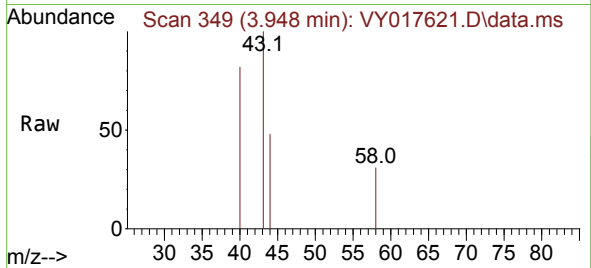
TR-04-030724

Tgt Ion: 43 Resp: 762

Ion Ratio Lower Upper

43 100

58 30.8 31.7 47.5#



#31

Cyclohexane

Concen: 1.186 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.006 min

Lab File: VY017621.D

Acq: 08 Mar 2024 13:22

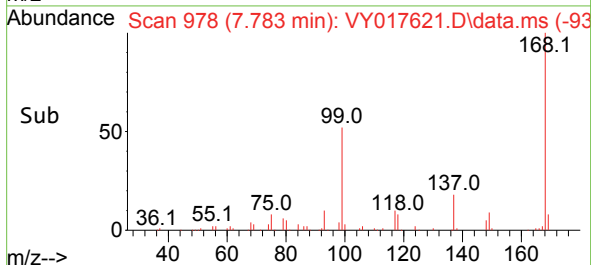
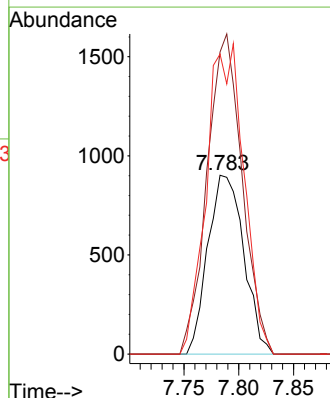
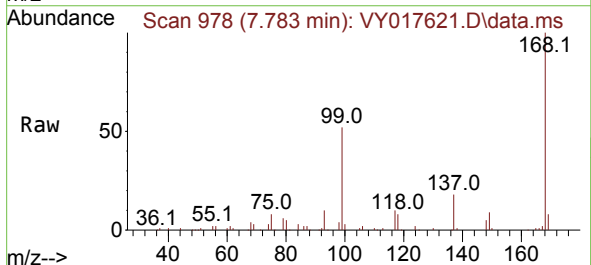
Tgt Ion: 56 Resp: 2056

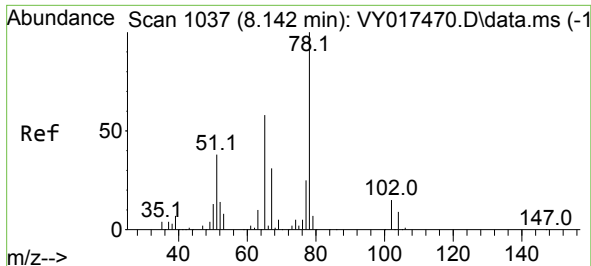
Ion Ratio Lower Upper

56 100

69 169.0 28.7 43.1#

84 167.7 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 52.725 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY017621.D

Acq: 08 Mar 2024 13:22

Instrument :

MSVOA_Y

ClientSampleId :

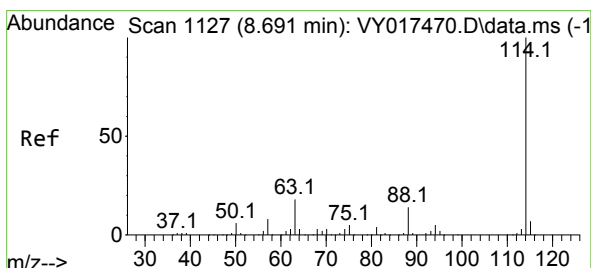
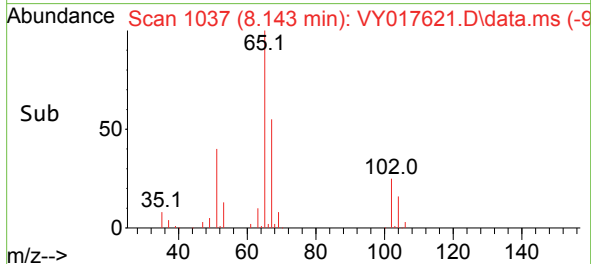
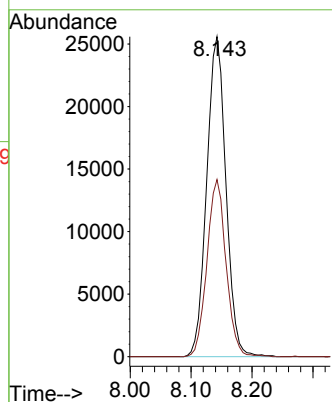
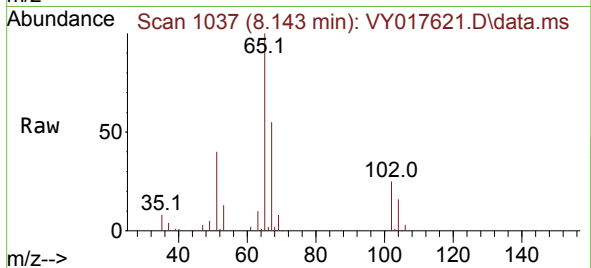
TR-04-030724

Tgt Ion: 65 Resp: 56163

Ion Ratio Lower Upper

65 100

67 54.9 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017621.D

Acq: 08 Mar 2024 13:22

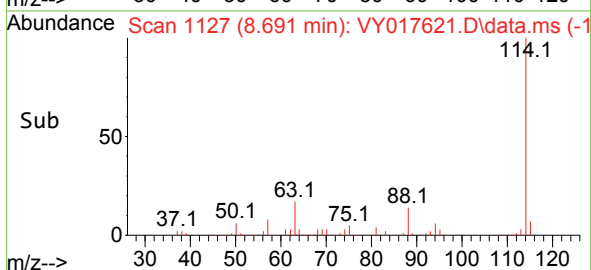
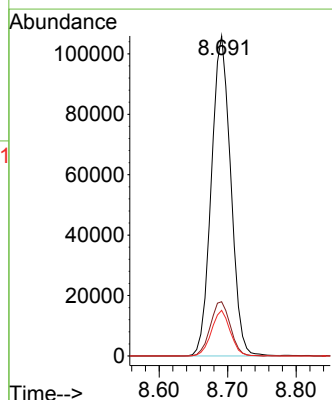
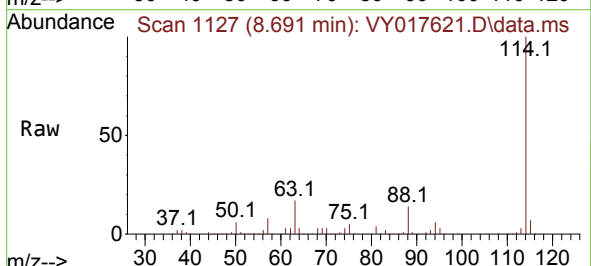
Tgt Ion: 114 Resp: 207458

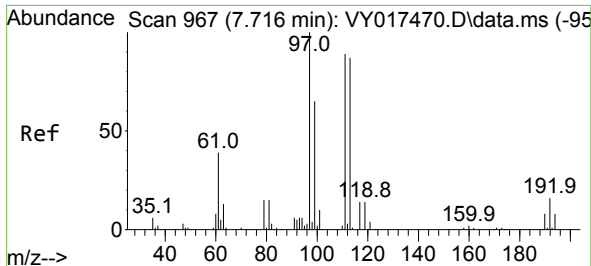
Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.0

88 14.3 0.0 27.2

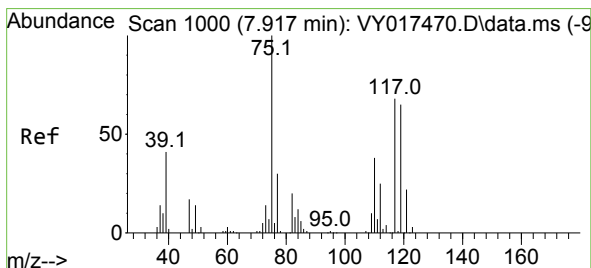
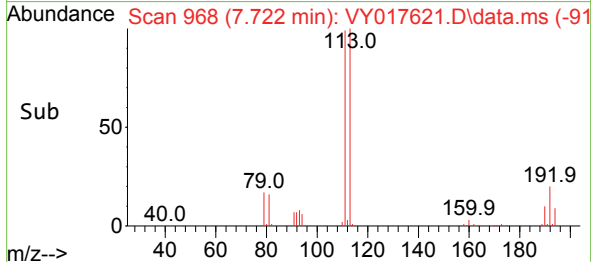
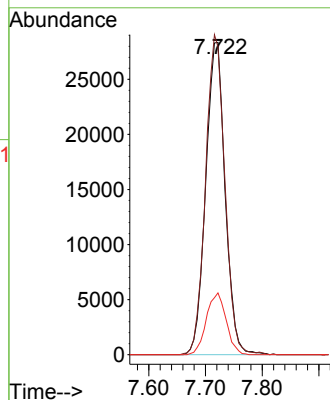
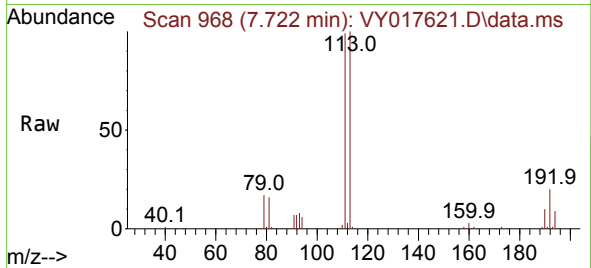




#35
Dibromofluoromethane
Concen: 46.584 ug/l
RT: 7.722 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY017621.D
Acq: 08 Mar 2024 13:22

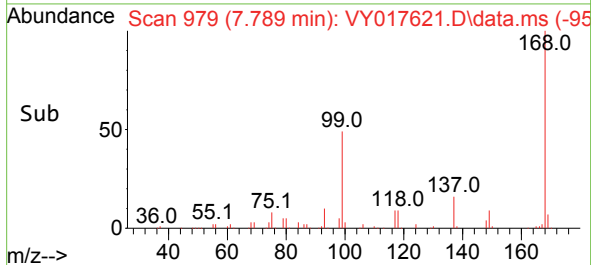
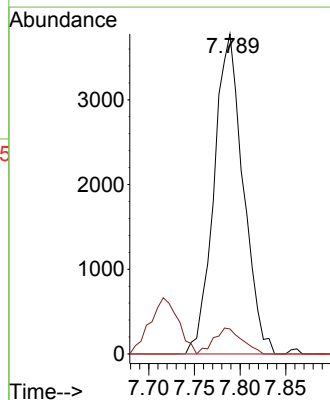
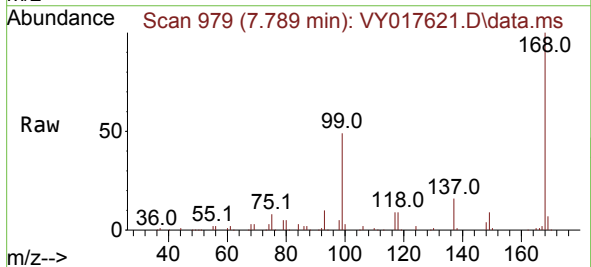
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-030724

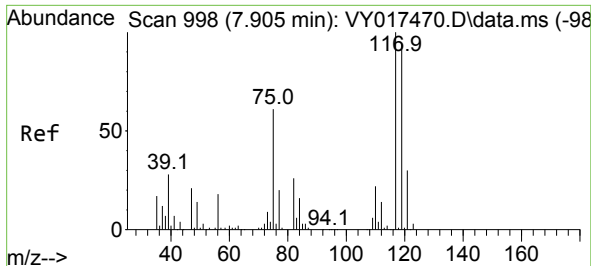
Tgt Ion:113 Resp: 67343
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.4
192 20.2 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.306 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY017621.D
Acq: 08 Mar 2024 13:22

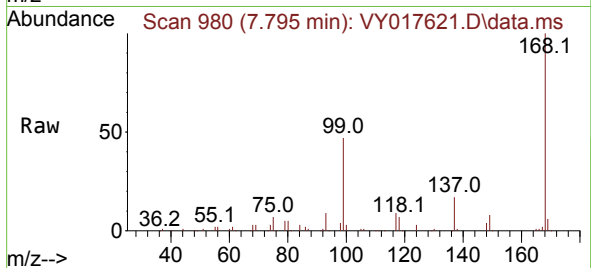
Tgt Ion: 75 Resp: 8399
Ion Ratio Lower Upper
75 100
110 7.8 19.0 57.0#
77 0.0 25.3 37.9#



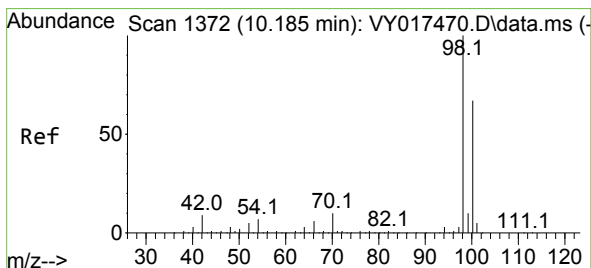
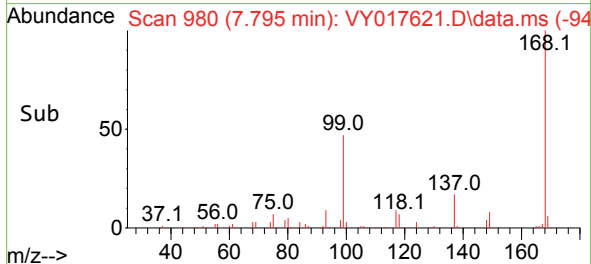
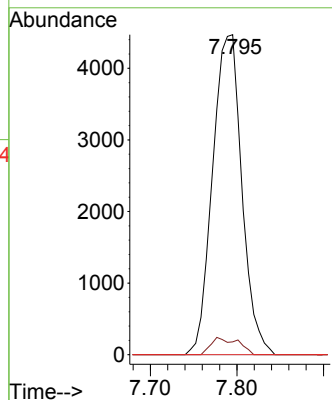


#38
Carbon Tetrachloride
Concen: 5.369 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY017621.D
Acq: 08 Mar 2024 13:22

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-030724

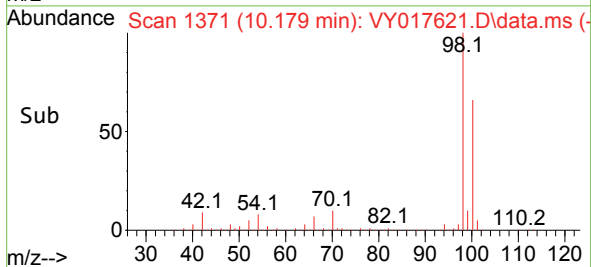
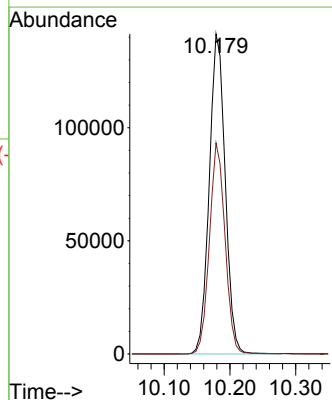
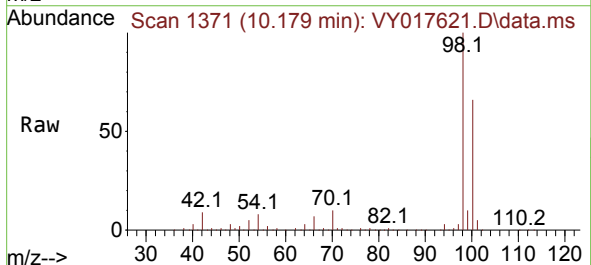


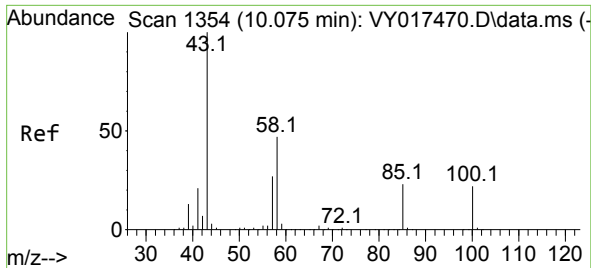
Tgt Ion:117 Resp: 10495
Ion Ratio Lower Upper
117 100
119 4.0 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 47.236 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY017621.D
Acq: 08 Mar 2024 13:22

Tgt Ion: 98 Resp: 238753
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0

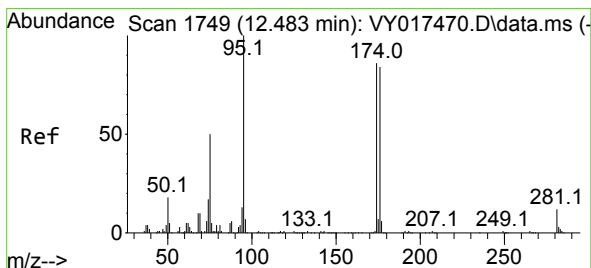
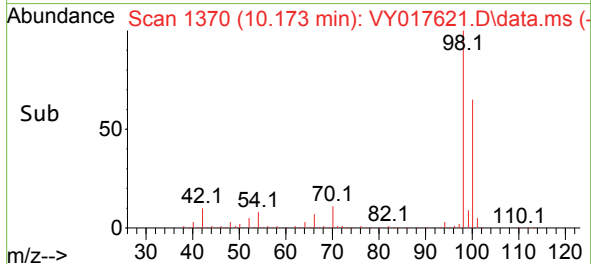
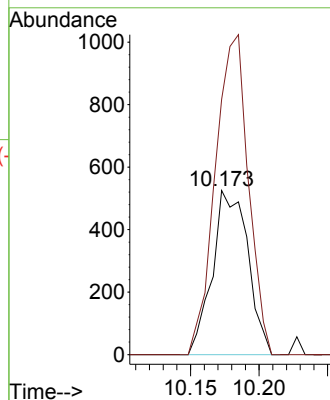
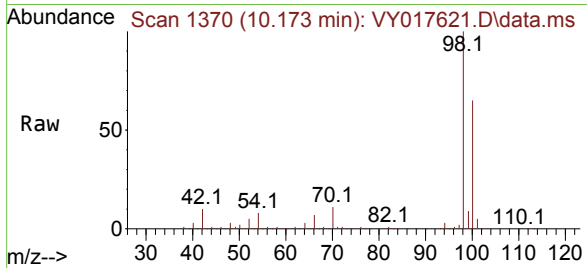




#51
 4-Methyl-2-Pentanone
 Concen: 1.250 ug/l
 RT: 10.173 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY017621.D
 Acq: 08 Mar 2024 13:22

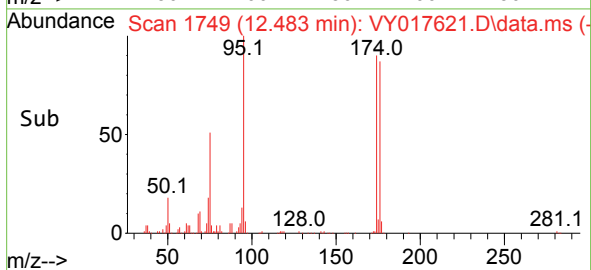
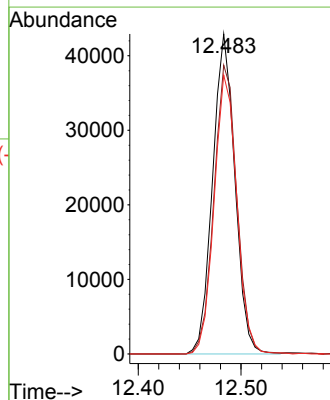
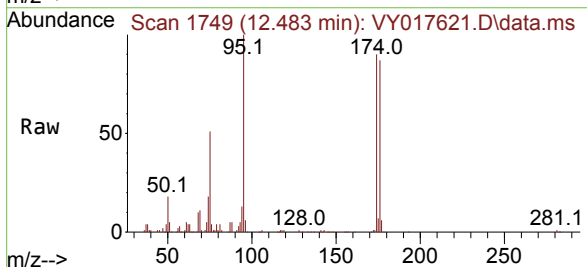
Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-030724

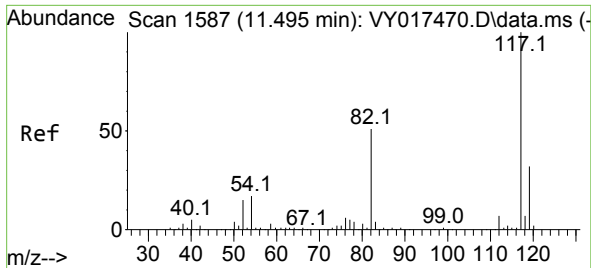
Tgt Ion: 43 Resp: 943
 Ion Ratio Lower Upper
 43 100
 58 182.3 35.7 53.5#



#62
 4-Bromofluorobenzene
 Concen: 40.633 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VY017621.D
 Acq: 08 Mar 2024 13:22

Tgt Ion: 95 Resp: 64545
 Ion Ratio Lower Upper
 95 100
 174 93.3 0.0 175.6
 176 88.8 0.0 171.4

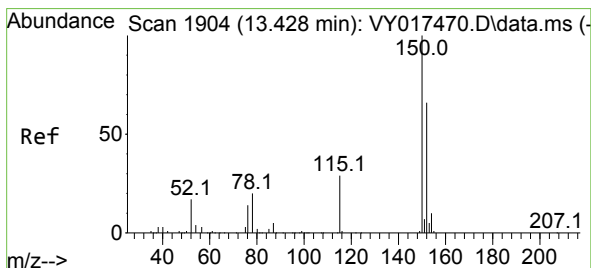
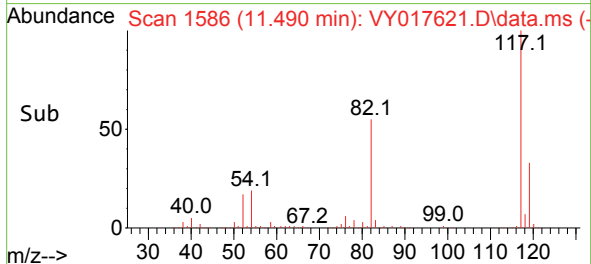
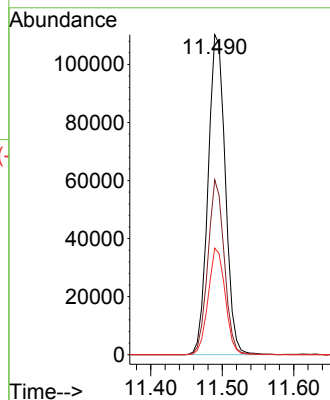
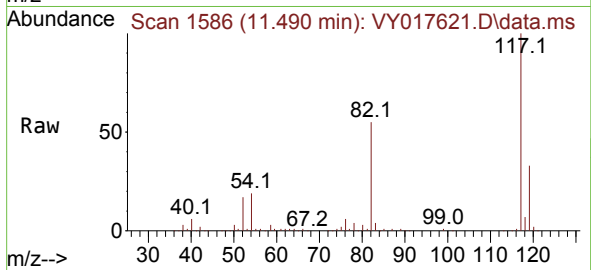




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017621.D
Acq: 08 Mar 2024 13:22

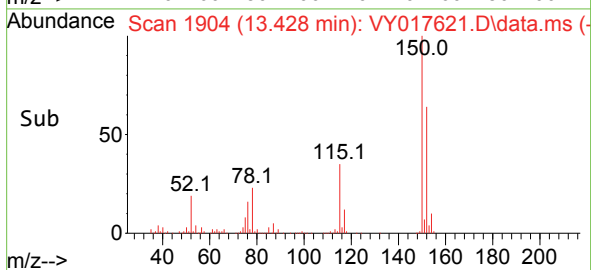
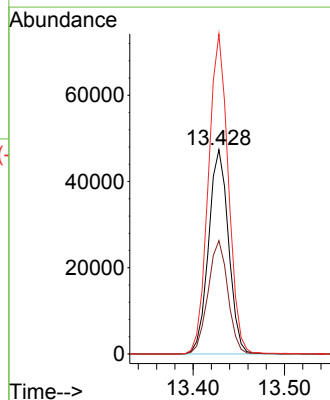
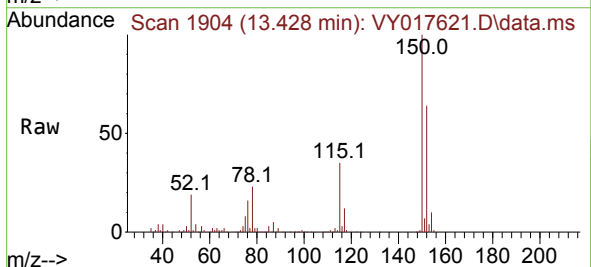
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-030724

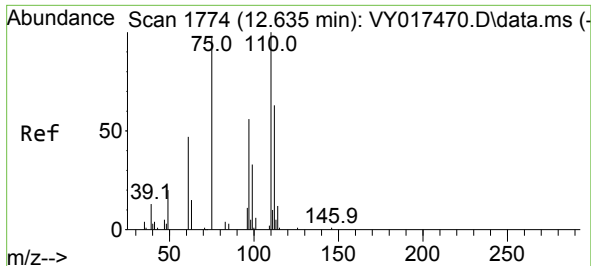
Tgt Ion:117 Resp: 184609
Ion Ratio Lower Upper
117 100
82 54.6 42.4 63.6
119 33.3 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY017621.D
Acq: 08 Mar 2024 13:22

Tgt Ion:152 Resp: 71841
Ion Ratio Lower Upper
152 100
115 55.3 28.2 84.7
150 156.4 0.0 345.6

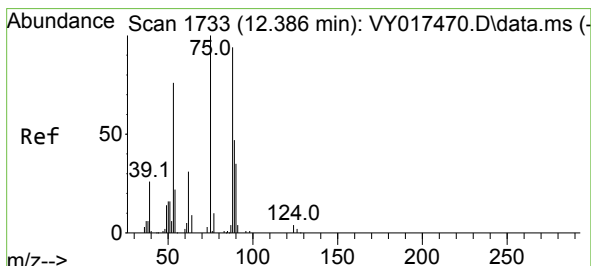
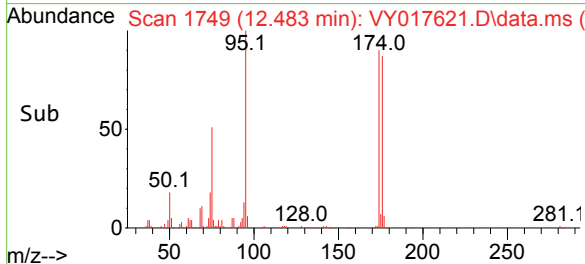
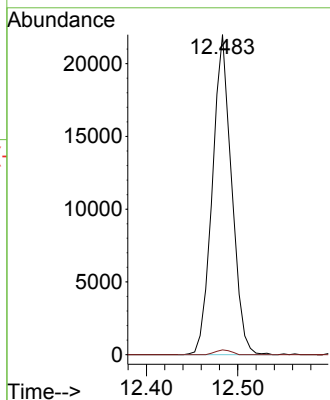
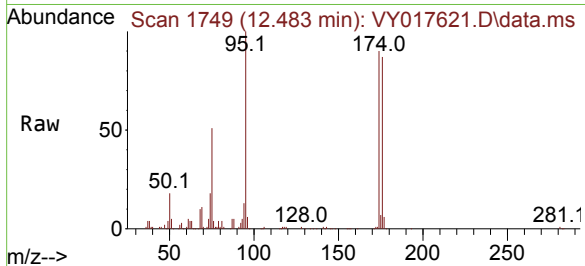




#76
1,2,3-Trichloropropane
Concen: 47.116 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY017621.D
Acq: 08 Mar 2024 13:22

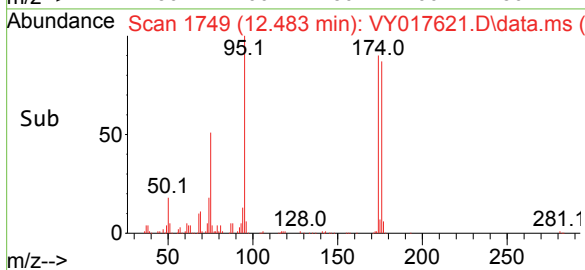
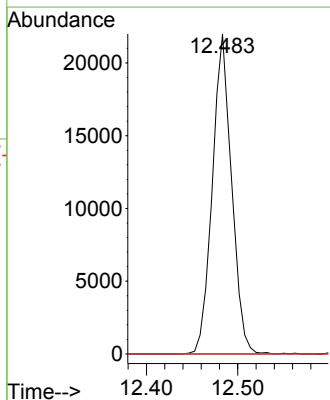
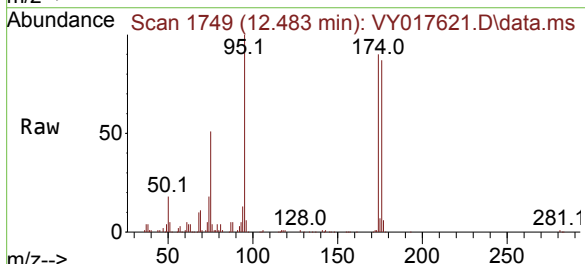
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-030724

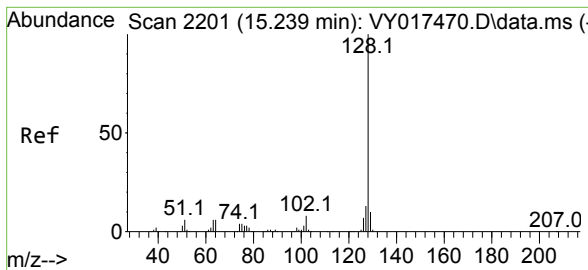
Tgt Ion: 75 Resp: 32161
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.261 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY017621.D
Acq: 08 Mar 2024 13:22

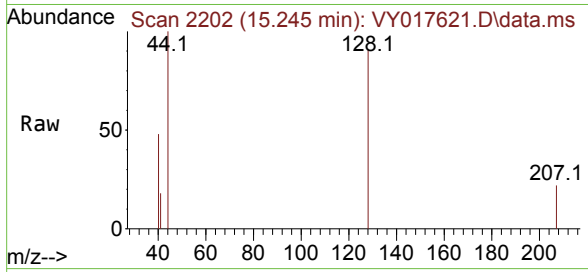
Tgt Ion: 75 Resp: 32161
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#





#95
Naphthalene
Concen: 4.150 ug/l
RT: 15.245 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY017621.D
Acq: 08 Mar 2024 13:22

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-030724



Tgt Ion:	128	Resp:	576
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	4.0	8.6	13.0#

