

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011724\
 Data File : VY017019.D
 Acq On : 17 Jan 2024 18:28
 Operator : SY/MD
 Sample : P1150-01
 Misc : 5.58g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 18 00:46:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

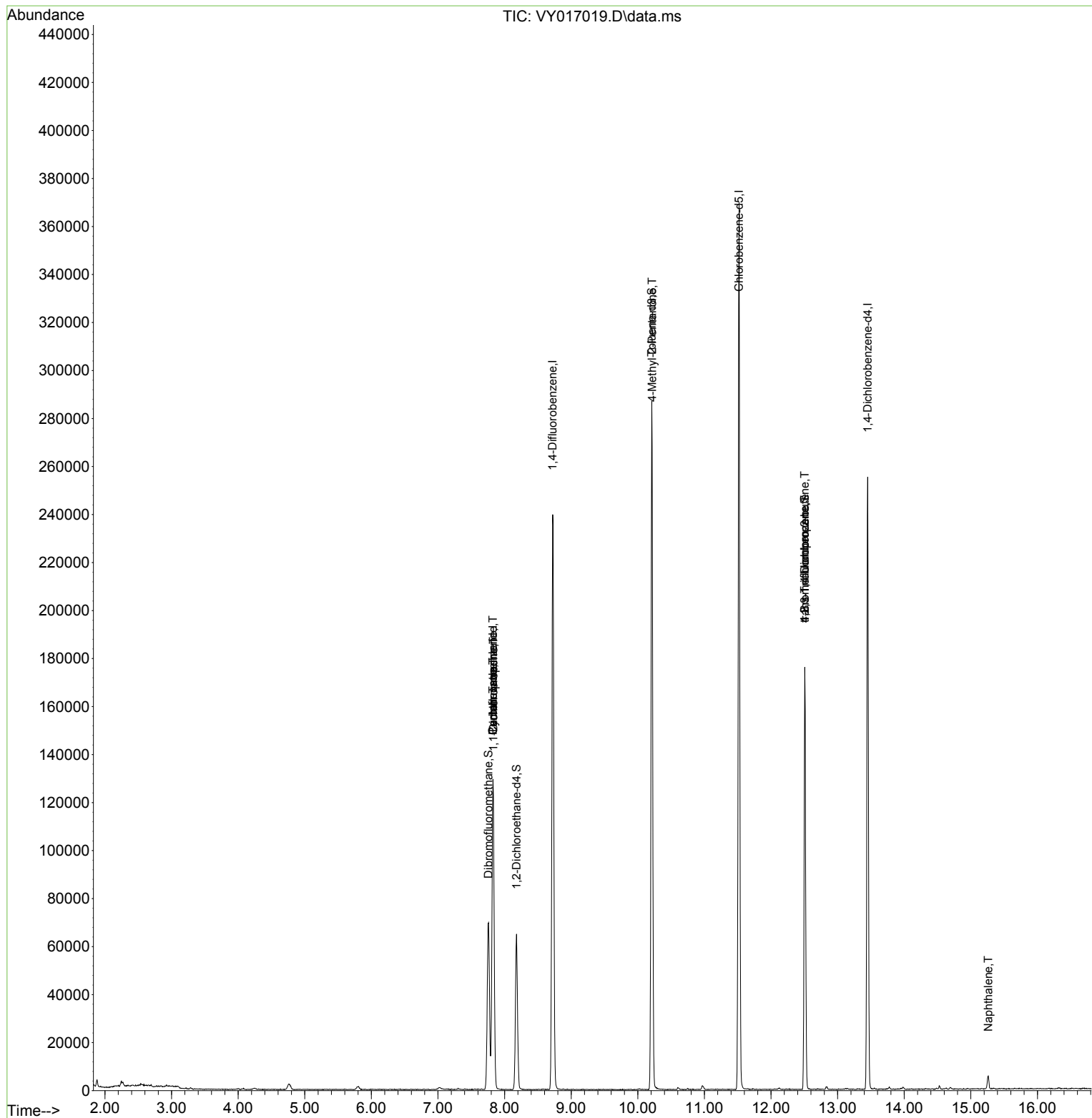
Internal Standards						
1) Pentafluorobenzene	7.825	168	97315	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.722	114	209877	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.520	117	200164	50.000	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.453	152	63297	50.000	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.179	65	48334	50.252	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.500%	
35) Dibromofluoromethane	7.758	113	51284	38.346	ug/l	0.03
Spiked Amount	50.000	Range	54 - 147	Recovery	= 76.700%	
50) Toluene-d8	10.209	98	185410	40.259	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	= 80.520%	
62) 4-Bromofluorobenzene	12.508	95	54842	35.295	ug/l	0.02
Spiked Amount	50.000	Range	30 - 143	Recovery	= 70.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.924	85	26	Below Cal	#	40
11) Tert butyl alcohol	4.991	59	45	Below Cal	#	75
16) Acetone	3.991	43	399	Below Cal	#	41
20) Methylene Chloride	4.765	84	1945	Below Cal	#	94
31) Cyclohexane	7.825	56	2314	1.402	ug/l #	1
36) 1,1-Dichloropropene	7.832	75	8202	4.208	ug/l #	49
38) Carbon Tetrachloride	7.825	117	9860	4.979	ug/l #	18
51) 4-Methyl-2-Pentanone	10.215	43	903	1.001	ug/l #	1
76) 1,2,3-Trichloropropane	12.508	75	28962	42.164	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.508	75	28962	95.744	ug/l #	12
95) Naphthalene	15.263	128	4921	3.638	ug/l	99

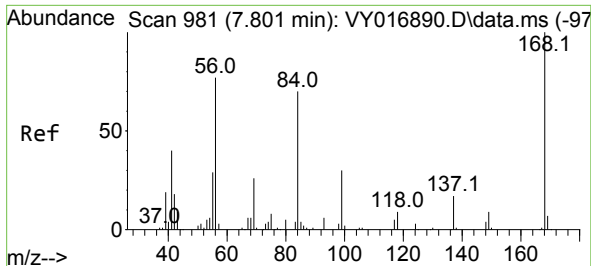
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011724\
Data File : VY017019.D
Acq On : 17 Jan 2024 18:28
Operator : SY/MD
Sample : P1150-01
Misc : 5.58g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

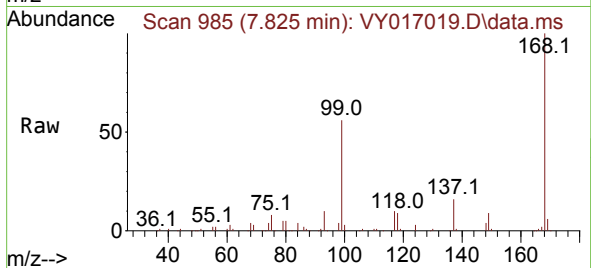
Quant Time: Jan 18 00:46:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 2024
Response via : Initial Calibration



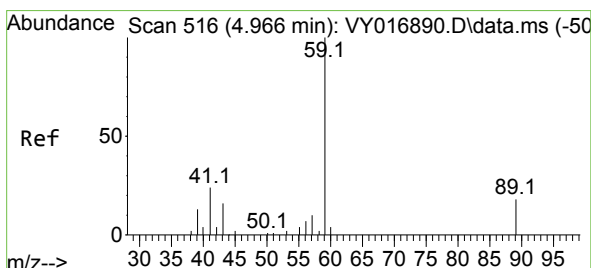
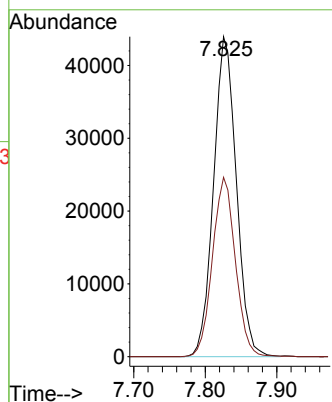
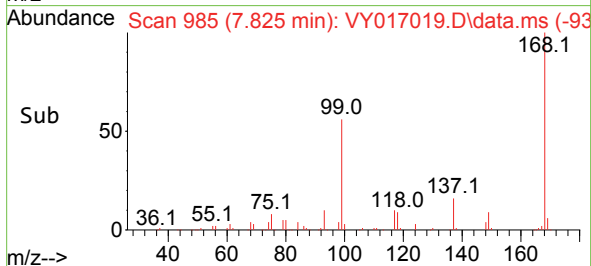


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.825 min Scan# 91
Delta R.T. 0.024 min
Lab File: VY017019.D
Acq: 17 Jan 2024 18:28

Instrument :
MSVOA_Y
ClientSampleId :

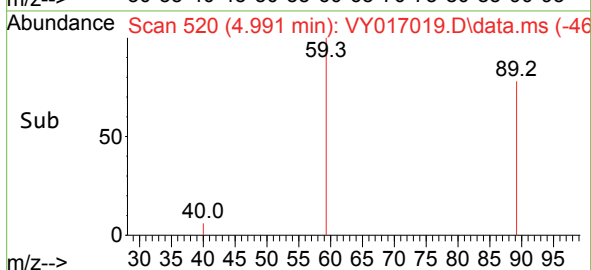
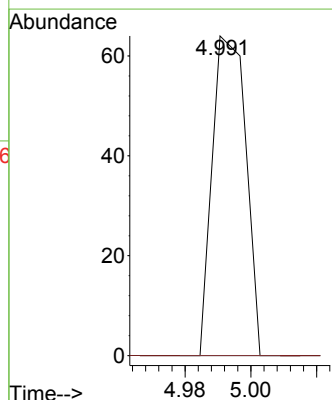
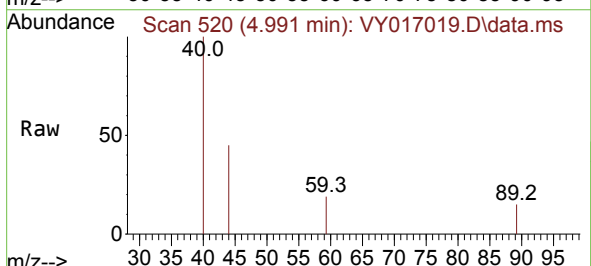


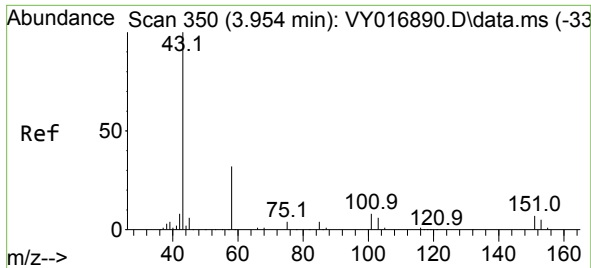
Tgt Ion:168 Resp: 97315
Ion Ratio Lower Upper
168 100
99 56.1 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.991 min Scan# 520
Delta R.T. 0.025 min
Lab File: VY017019.D
Acq: 17 Jan 2024 18:28

Tgt Ion: 59 Resp: 45
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#16

Acetone

Concen: Below Cal

RT: 3.991 min Scan# 31

Delta R.T. 0.031 min

Lab File: VY017019.D

Acq: 17 Jan 2024 18:28

Instrument :

MSVOA_Y

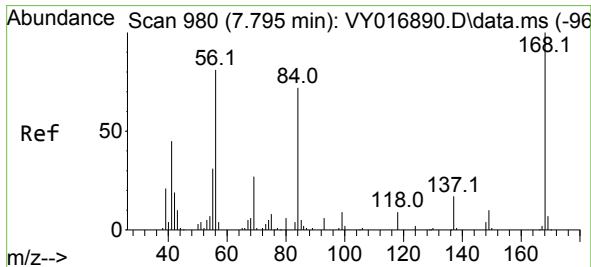
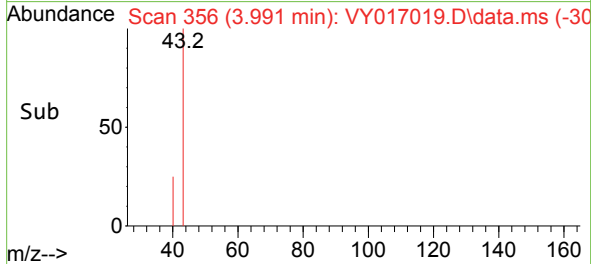
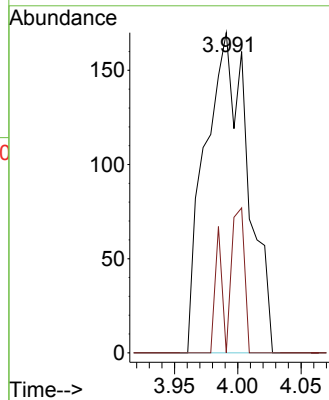
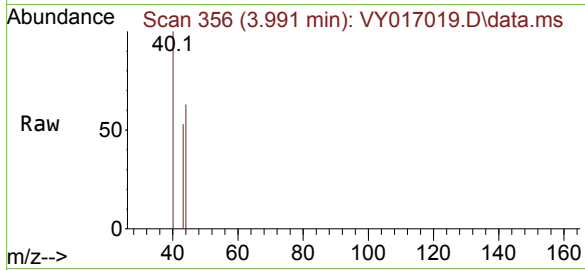
ClientSampleId :

Tgt Ion: 43 Resp: 399

Ion Ratio Lower Upper

43 100

58 0.0 26.6 39.8#



#31

Cyclohexane

Concen: 1.402 ug/l

RT: 7.825 min Scan# 985

Delta R.T. 0.024 min

Lab File: VY017019.D

Acq: 17 Jan 2024 18:28

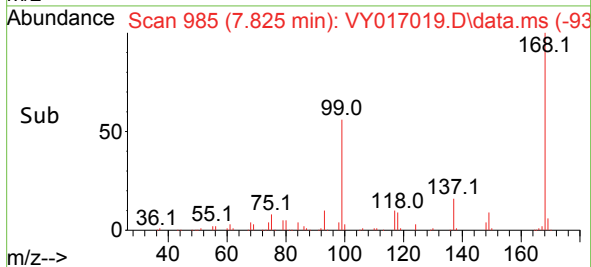
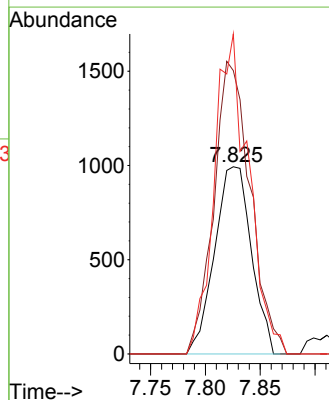
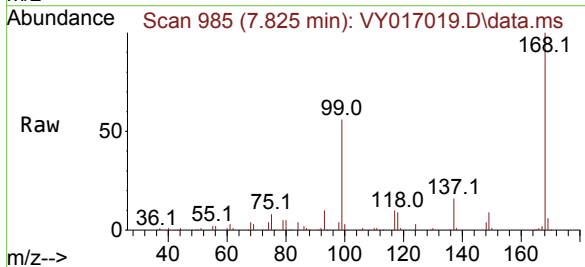
Tgt Ion: 56 Resp: 2314

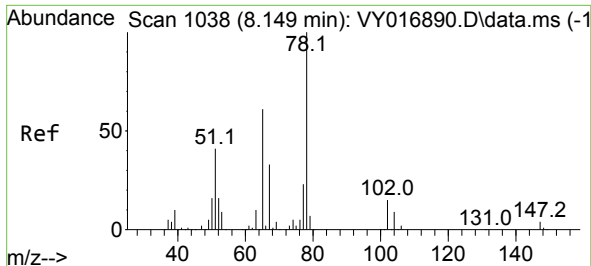
Ion Ratio Lower Upper

56 100

69 151.5 27.0 40.6#

84 171.0 71.8 107.6#

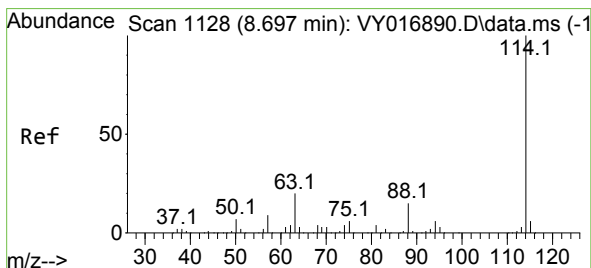
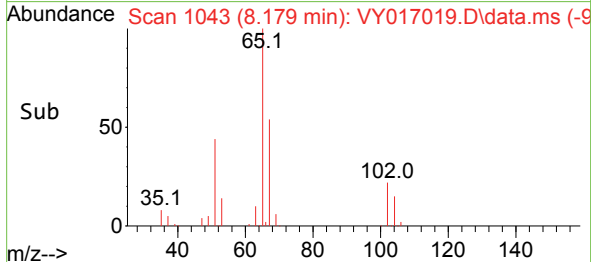
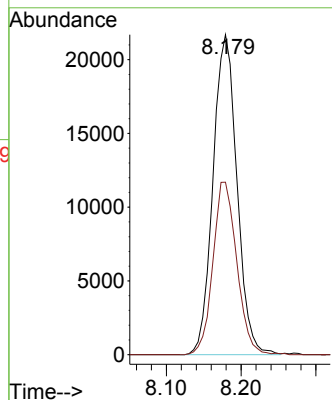
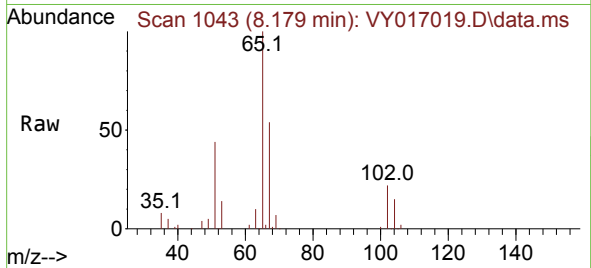




#33
 1,2-Dichloroethane-d4
 Concen: 50.252 ug/l
 RT: 8.179 min Scan# 1103
 Delta R.T. 0.024 min
 Lab File: VY017019.D
 Acq: 17 Jan 2024 18:28

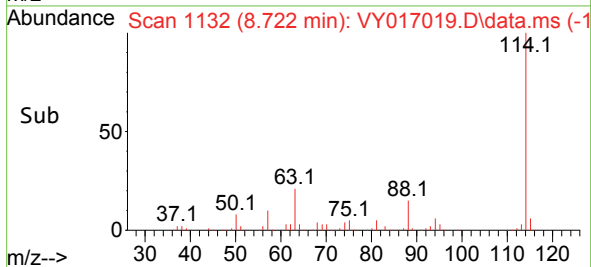
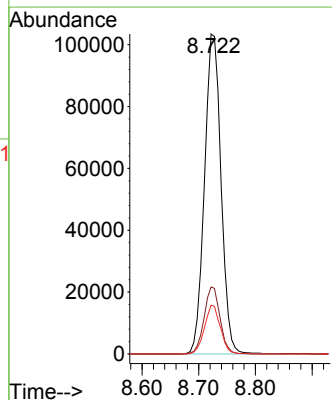
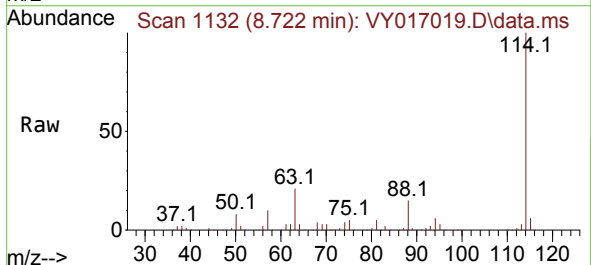
Instrument :
 MSVOA_Y
 ClientSampleId :

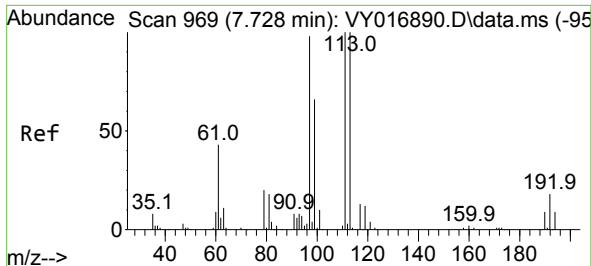
Tgt Ion: 65 Resp: 48334
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.722 min Scan# 1132
 Delta R.T. 0.019 min
 Lab File: VY017019.D
 Acq: 17 Jan 2024 18:28

Tgt Ion: 114 Resp: 209877
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 37.4
 88 15.2 0.0 29.0

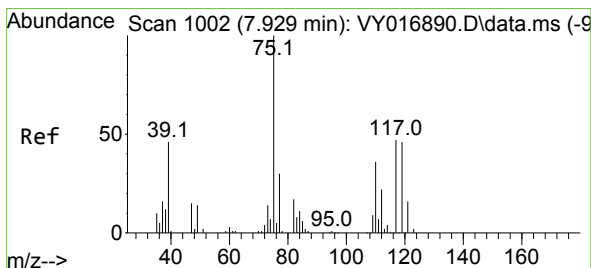
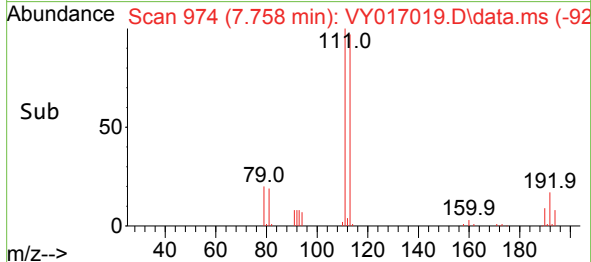
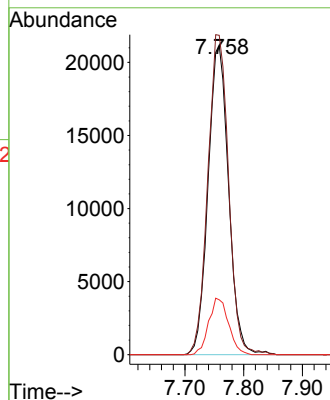
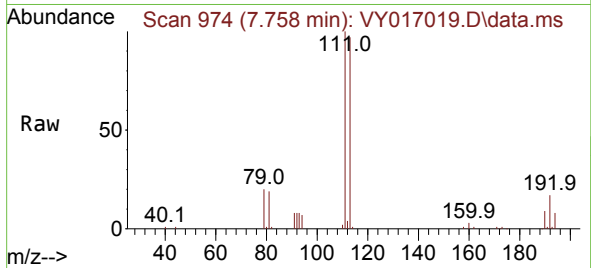




#35
Dibromofluoromethane
Concen: 38.346 ug/l
RT: 7.758 min Scan# 91
Delta R.T. 0.030 min
Lab File: VY017019.D
Acq: 17 Jan 2024 18:28

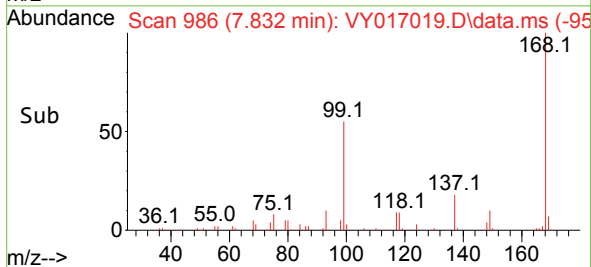
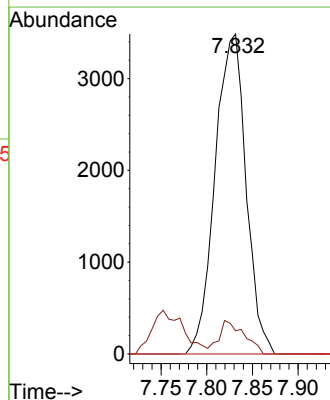
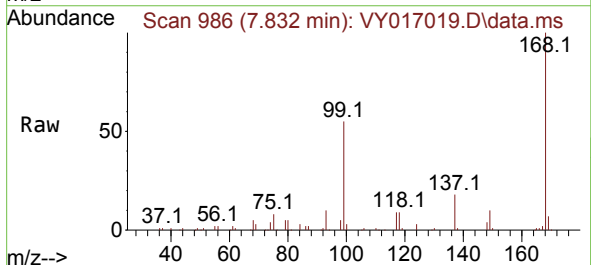
Instrument :
MSVOA_Y
ClientSampleId :

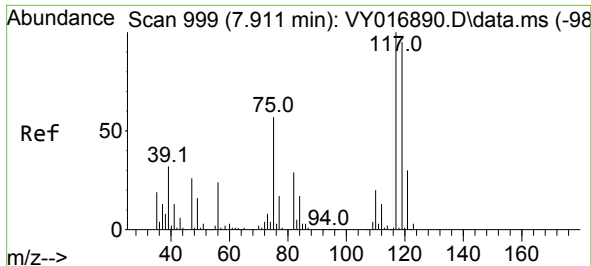
Tgt Ion:113 Resp: 51284
Ion Ratio Lower Upper
113 100
111 104.7 83.8 125.6
192 17.7 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.208 ug/l
RT: 7.832 min Scan# 986
Delta R.T. -0.097 min
Lab File: VY017019.D
Acq: 17 Jan 2024 18:28

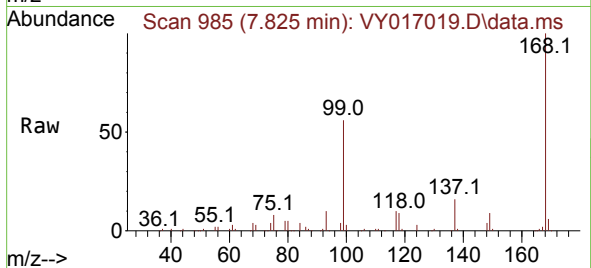
Tgt Ion: 75 Resp: 8202
Ion Ratio Lower Upper
75 100
110 8.4 17.4 52.3#
77 0.0 24.7 37.1#



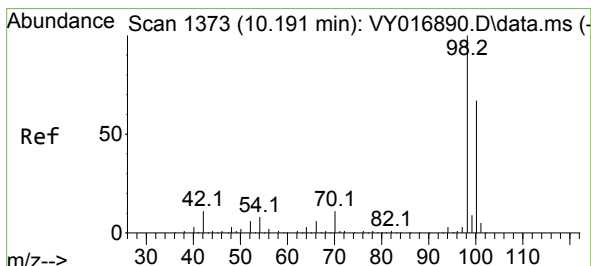
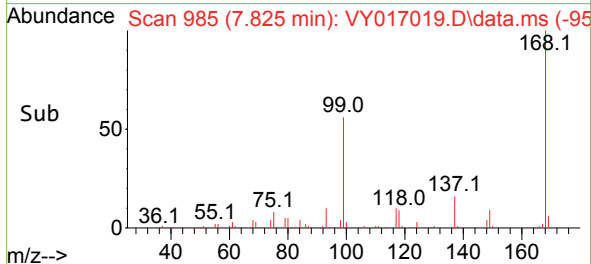
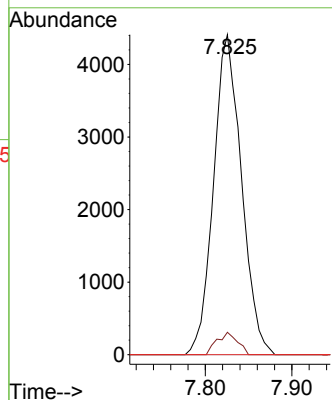


#38
Carbon Tetrachloride
Concen: 4.979 ug/l
RT: 7.825 min Scan# 91
Delta R.T. -0.092 min
Lab File: VY017019.D
Acq: 17 Jan 2024 18:28

Instrument :
MSVOA_Y
ClientSampleId :

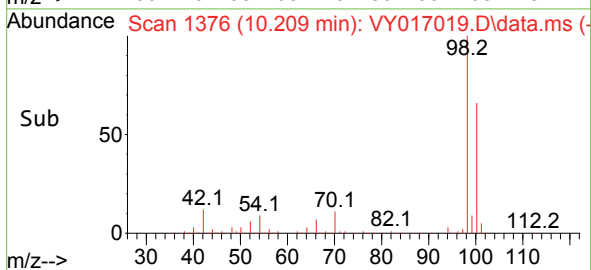
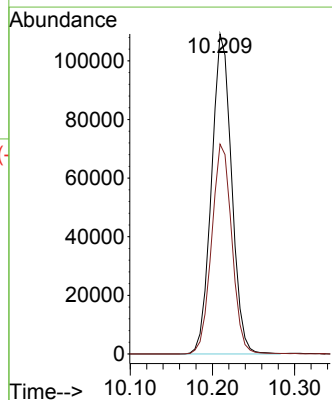
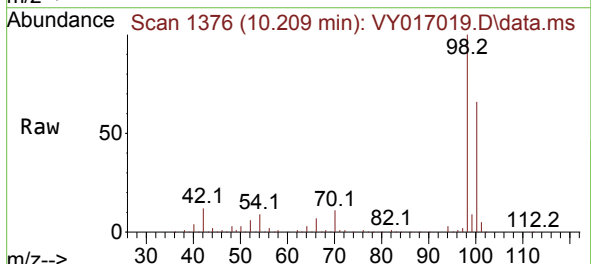


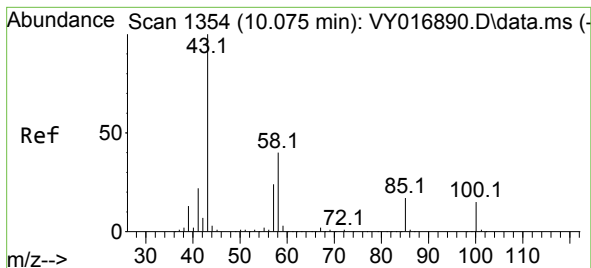
Tgt Ion:117 Resp: 9860
Ion Ratio Lower Upper
117 100
119 7.0 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 40.259 ug/l
RT: 10.209 min Scan# 1376
Delta R.T. 0.018 min
Lab File: VY017019.D
Acq: 17 Jan 2024 18:28

Tgt Ion: 98 Resp: 185410
Ion Ratio Lower Upper
98 100
100 66.0 52.3 78.5

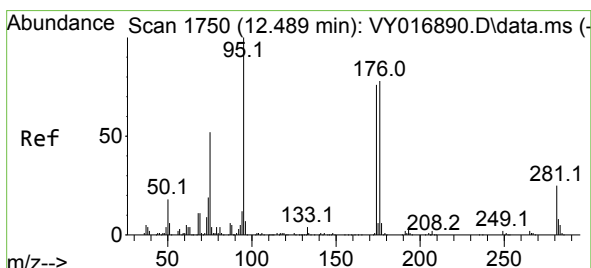
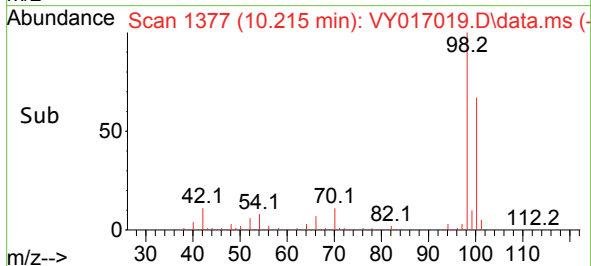
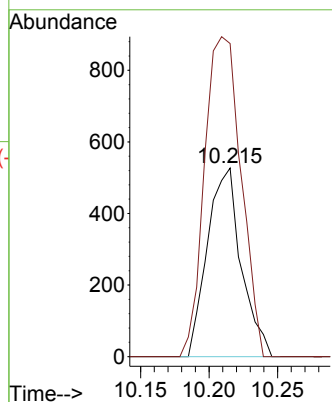
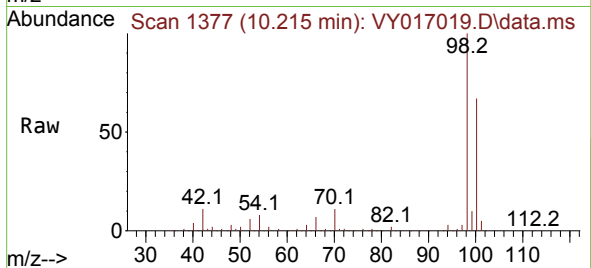




#51
4-Methyl-2-Pentanone
Concen: 1.001 ug/l
RT: 10.215 min Scan# 11
Delta R.T. 0.134 min
Lab File: VY017019.D
Acq: 17 Jan 2024 18:28

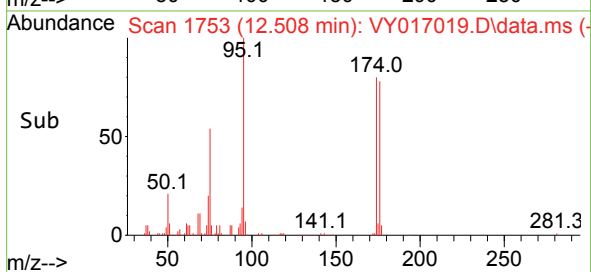
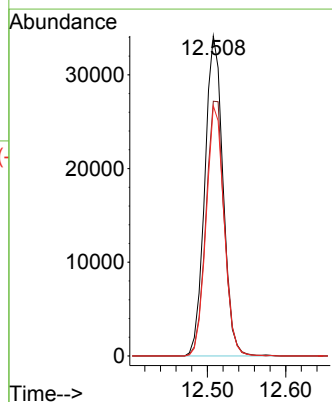
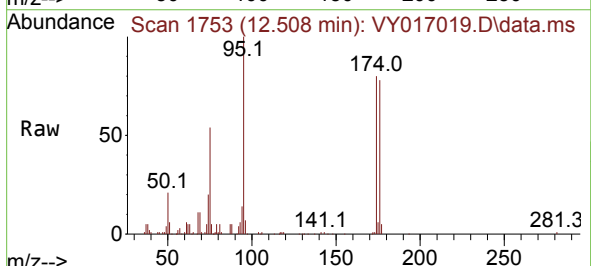
Instrument :
MSVOA_Y
ClientSampleId :

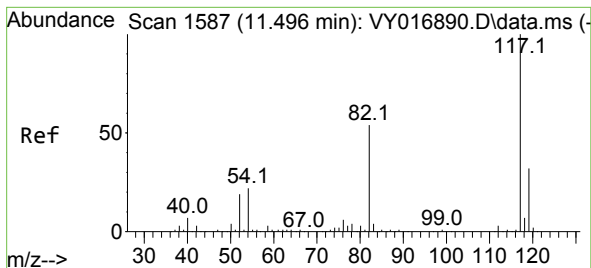
Tgt Ion: 43 Resp: 903
Ion Ratio Lower Upper
43 100
58 183.6 32.2 48.2#



#62
4-Bromofluorobenzene
Concen: 35.295 ug/l
RT: 12.508 min Scan# 1753
Delta R.T. 0.019 min
Lab File: VY017019.D
Acq: 17 Jan 2024 18:28

Tgt Ion: 95 Resp: 54842
Ion Ratio Lower Upper
95 100
174 80.8 0.0 160.0
176 77.1 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.520 min Scan# 11

Delta R.T. 0.018 min

Lab File: VY017019.D

Acq: 17 Jan 2024 18:28

Instrument :

MSVOA_Y

ClientSampleId :

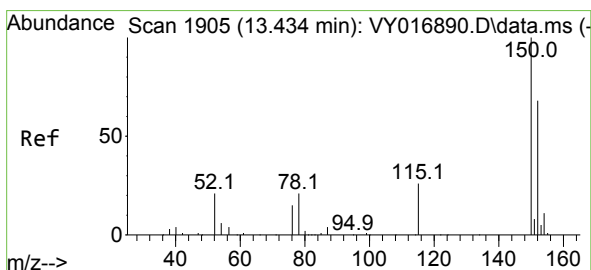
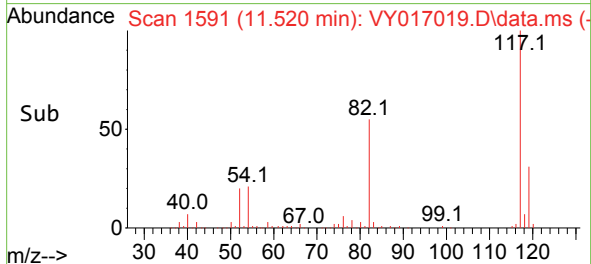
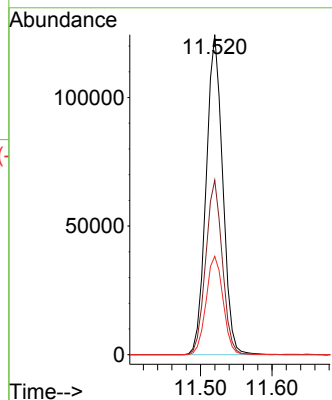
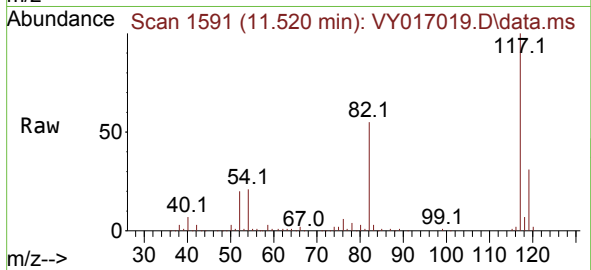
Tgt Ion:117 Resp: 200164

Ion Ratio Lower Upper

117 100

82 54.6 43.8 65.8

119 30.8 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.019 min

Lab File: VY017019.D

Acq: 17 Jan 2024 18:28

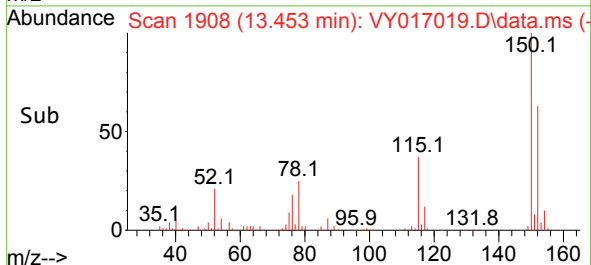
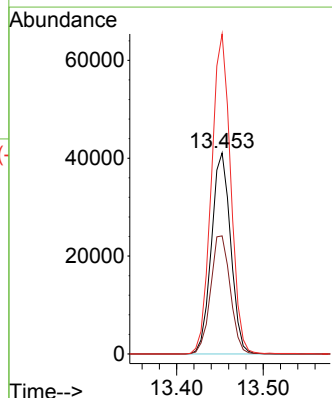
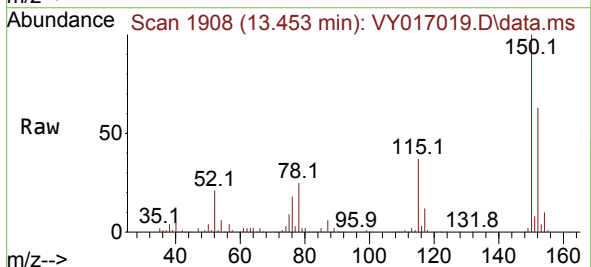
Tgt Ion:152 Resp: 63297

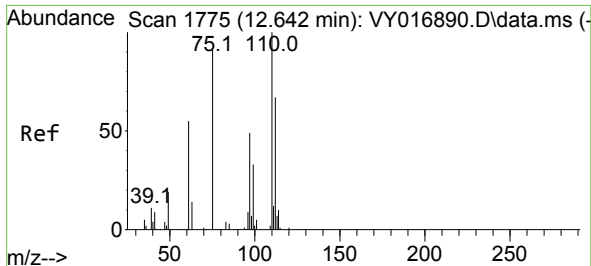
Ion Ratio Lower Upper

152 100

115 60.2 30.0 90.0

150 159.4 0.0 344.6

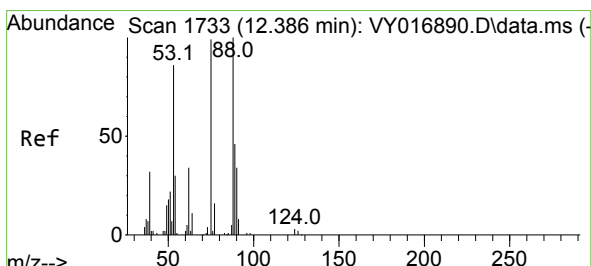
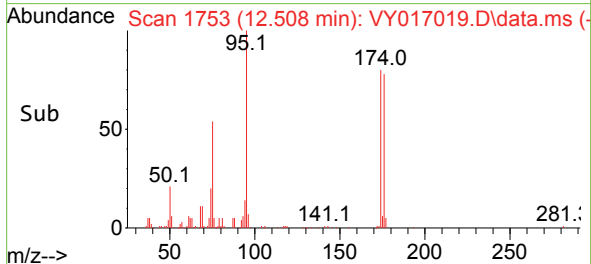
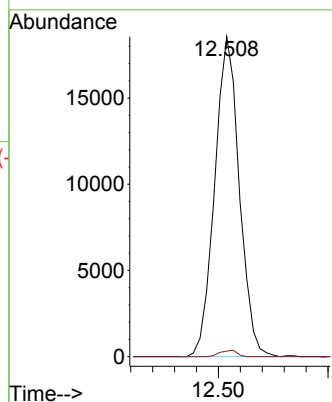
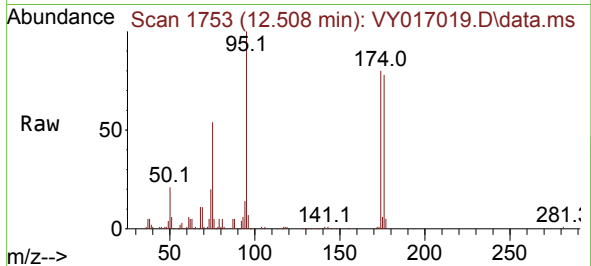




#76
1,2,3-Trichloropropane
Concen: 42.164 ug/l
RT: 12.508 min Scan# 1753
Delta R.T. -0.134 min
Lab File: VY017019.D
Acq: 17 Jan 2024 18:28

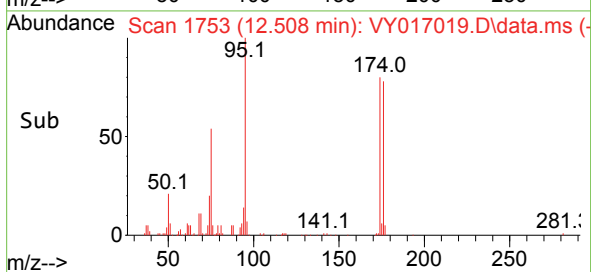
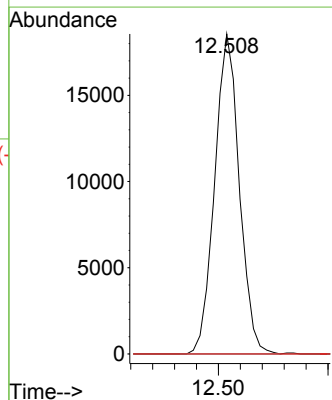
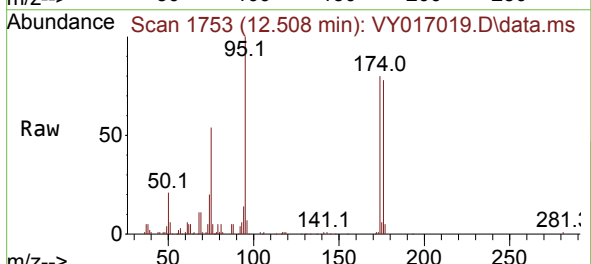
Instrument :
MSVOA_Y
ClientSampleId :

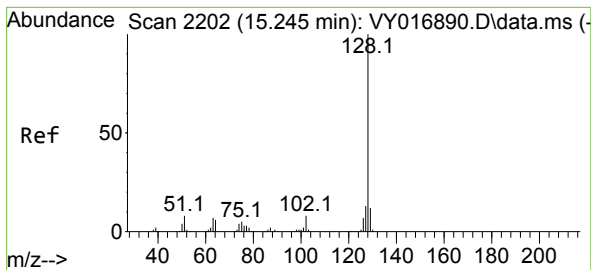
Tgt Ion: 75 Resp: 28962
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.744 ug/l
RT: 12.508 min Scan# 1753
Delta R.T. 0.123 min
Lab File: VY017019.D
Acq: 17 Jan 2024 18:28

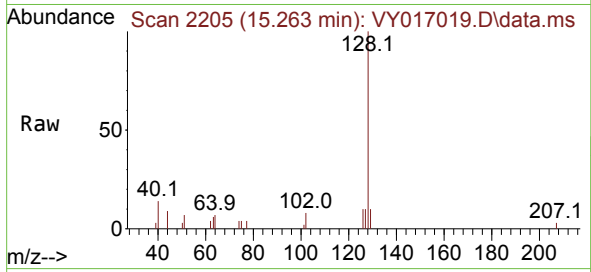
Tgt Ion: 75 Resp: 28962
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#





#95
Naphthalene
Concen: 3.638 ug/l
RT: 15.263 min Scan# 21
Delta R.T. 0.018 min
Lab File: VY017019.D
Acq: 17 Jan 2024 18:28

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	128	Resp:	4921
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	11.3	8.6	12.8

