

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111723\
 Data File : VY016410.D
 Acq On : 17 Nov 2023 15:18
 Operator : SY/MD
 Sample : 05448-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 18 05:19:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

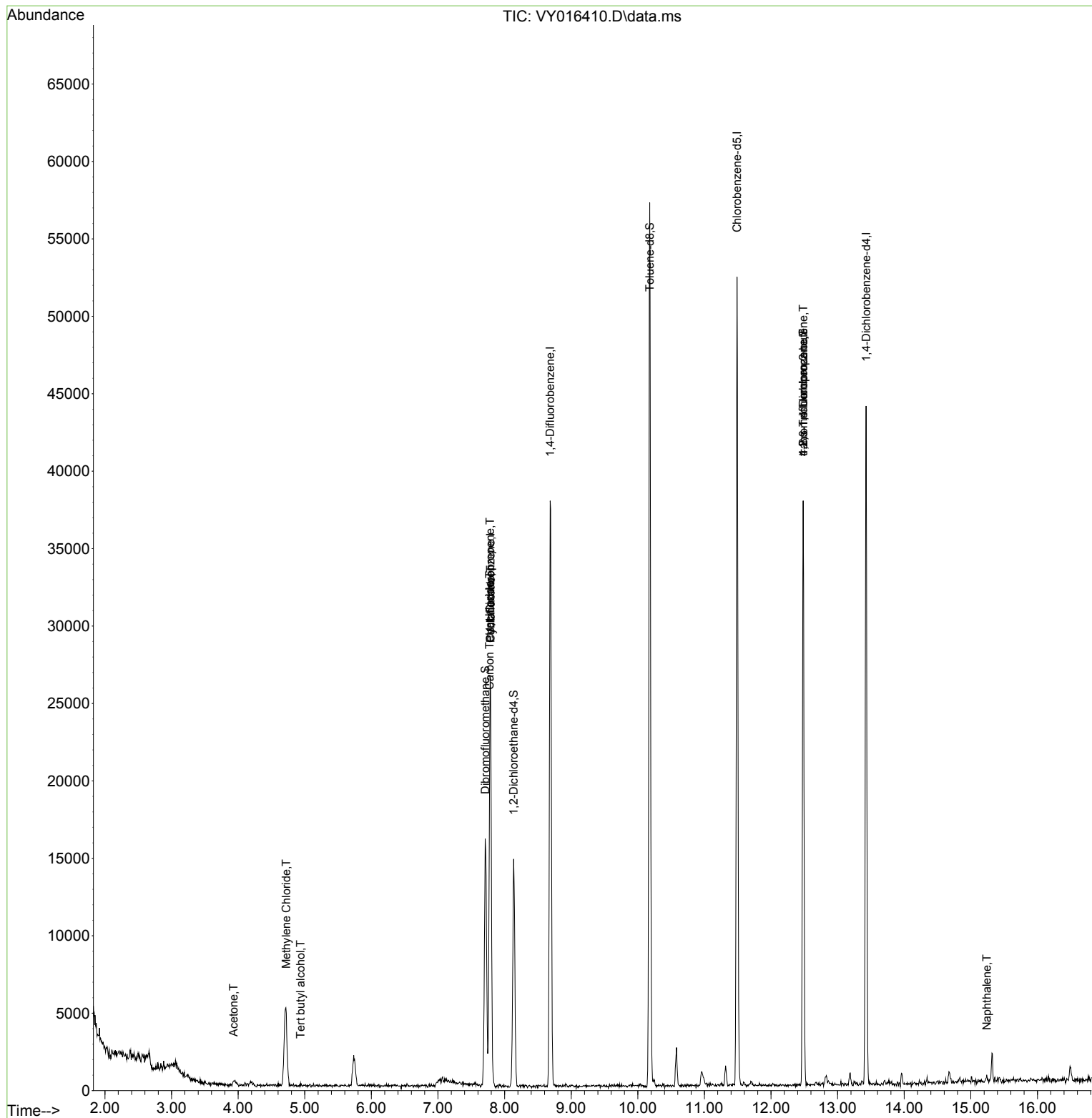
Internal Standards						
1) Pentafluorobenzene	7.789	168	20815	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	34144	50.000	ug/l	-0.02
63) Chlorobenzene-d5	11.490	117	29806	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.428	152	11715	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	11311	59.456	ug/l	-0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.920%	
35) Dibromofluoromethane	7.710	113	11584	59.724	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 119.440%	
50) Toluene-d8	10.179	98	39353	50.033	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.060%	
62) 4-Bromofluorobenzene	12.483	95	10907	42.696	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 85.400%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	27	1.812	ug/l #	89
16) Acetone	3.930	43	642	20.402	ug/l #	81
20) Methylene Chloride	4.722	84	4081	15.990	ug/l #	76
31) Cyclohexane	7.789	56	404	1.079	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	1784	5.297	ug/l #	46
38) Carbon Tetrachloride	7.777	117	2181	6.240	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	5663	50.391	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	5663	109.378	ug/l #	10
95) Naphthalene	15.239	128	532	1.442	ug/l #	69

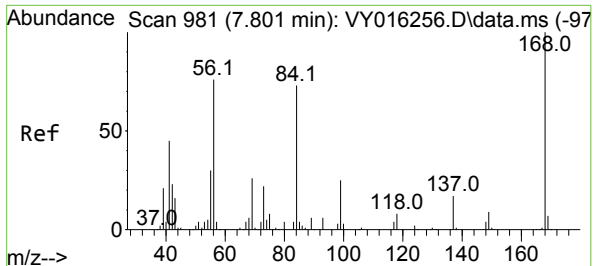
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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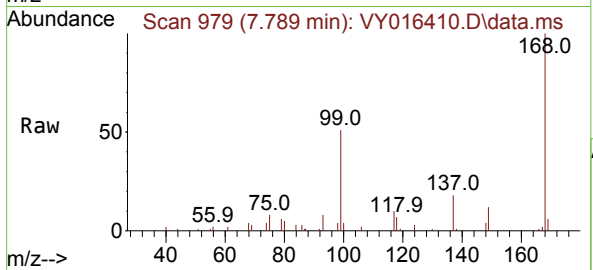
Quant Time: Nov 18 05:19:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
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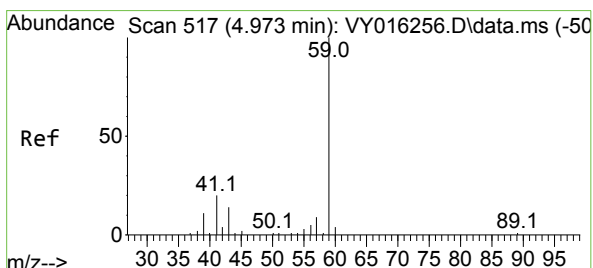
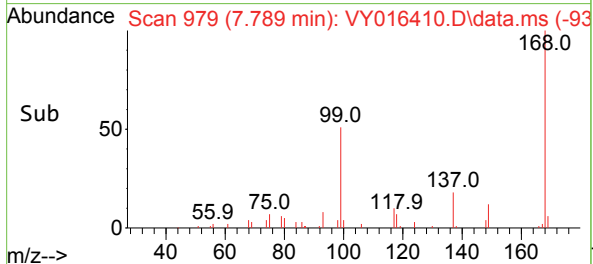
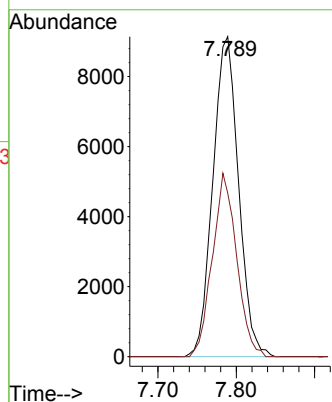


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016410.D
Acq: 17 Nov 2023 15:18

Instrument :
MSVOA_Y
ClientSampleId :

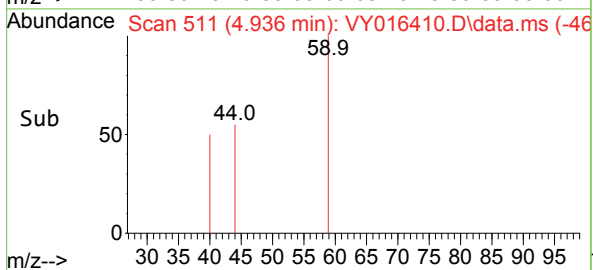
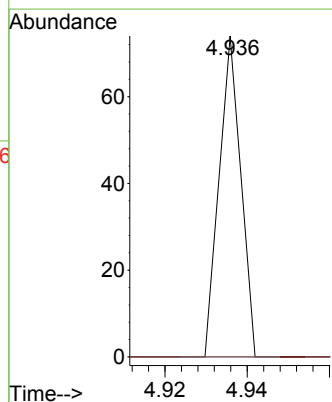
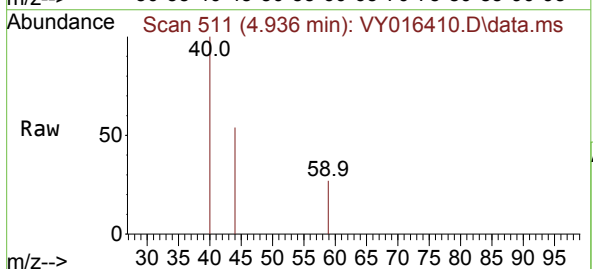


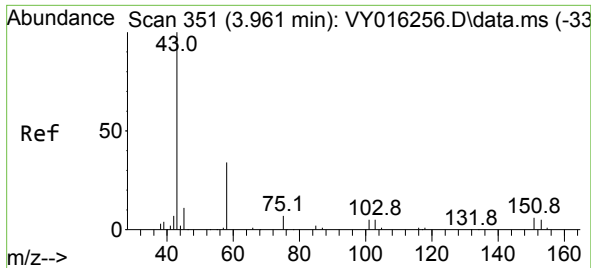
Tgt Ion:168 Resp: 20815
Ion Ratio Lower Upper
168 100
99 51.1 43.4 65.0



#11
Tert butyl alcohol
Concen: 1.812 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.037 min
Lab File: VY016410.D
Acq: 17 Nov 2023 15:18

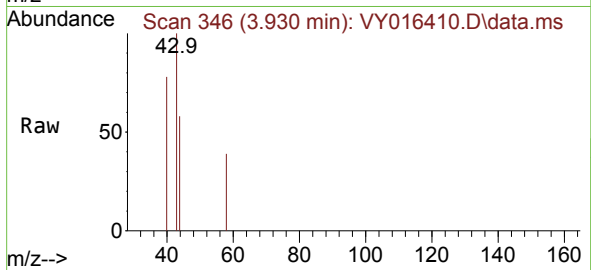
Tgt Ion: 59 Resp: 27
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



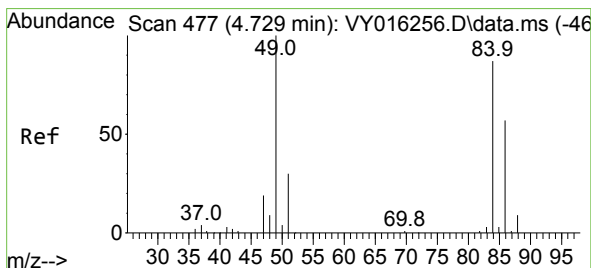
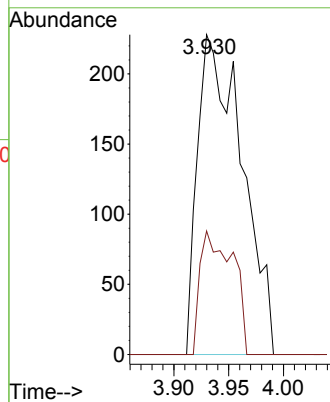
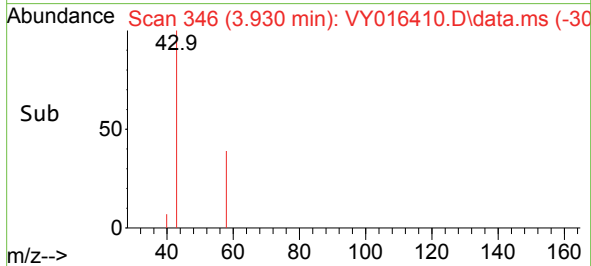


#16
Acetone
Concen: 20.402 ug/l
RT: 3.930 min Scan# 34
Delta R.T. -0.031 min
Lab File: VY016410.D
Acq: 17 Nov 2023 15:18

Instrument :
MSVOA_Y
ClientSampleId :

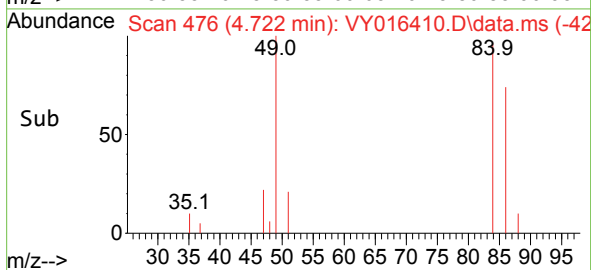
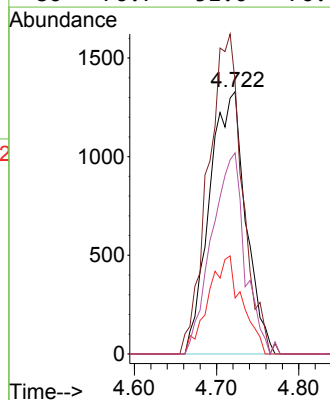
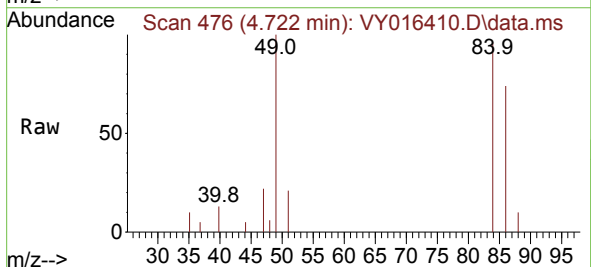


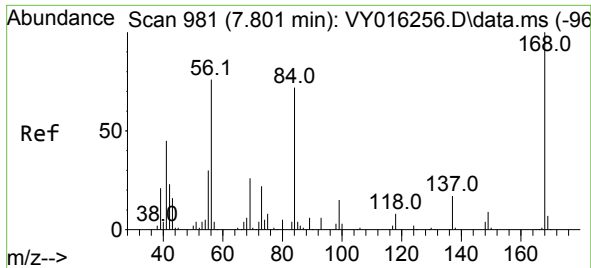
Tgt Ion: 43 Resp: 642
Ion Ratio Lower Upper
43 100
58 38.6 22.7 34.1#



#20
Methylene Chloride
Concen: 15.990 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY016410.D
Acq: 17 Nov 2023 15:18

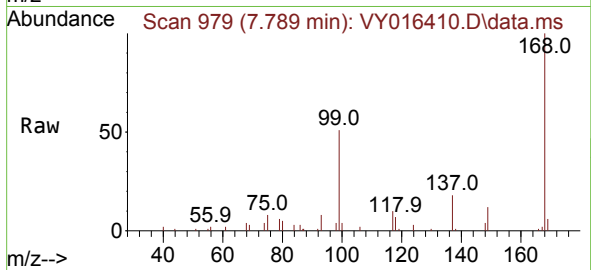
Tgt Ion: 84 Resp: 4081
Ion Ratio Lower Upper
84 100
49 103.7 106.9 160.3#
51 21.4 33.2 49.8#
86 76.7 51.0 76.6#



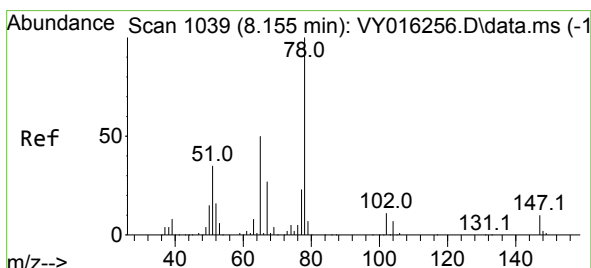
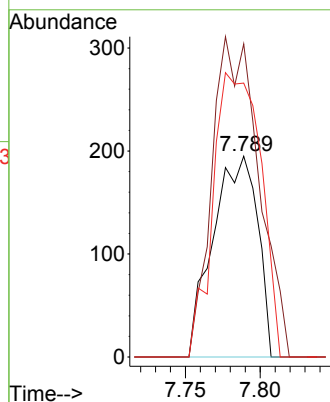
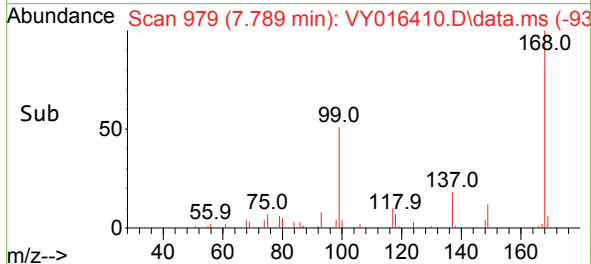


#31
Cyclohexane
Concen: 1.079 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016410.D
Acq: 17 Nov 2023 15:18

Instrument :
MSVOA_Y
ClientSampleId :

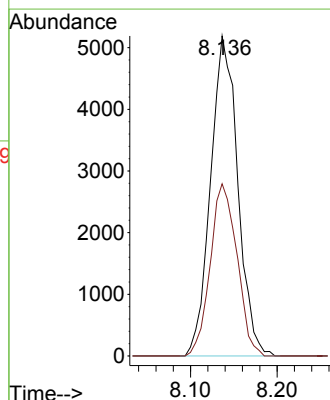
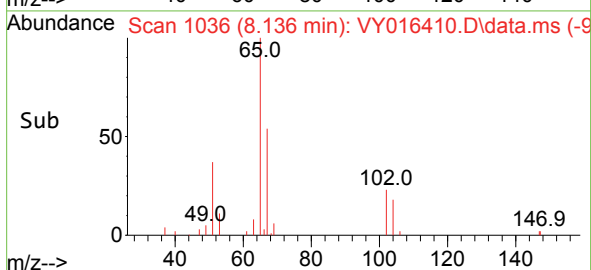
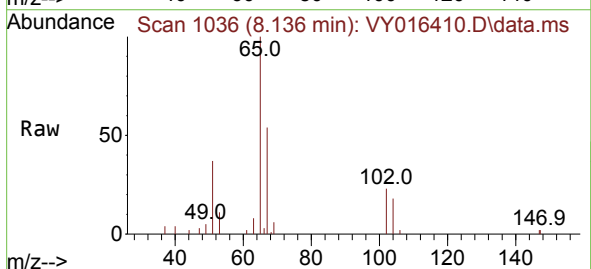


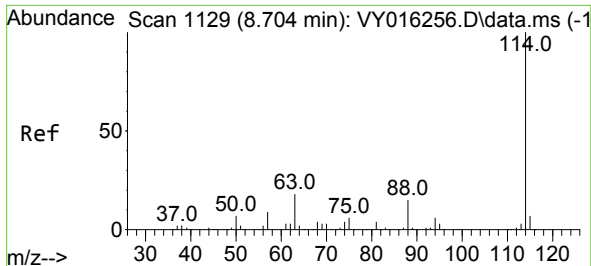
Tgt Ion: 56 Resp: 404
Ion Ratio Lower Upper
56 100
69 155.9 27.8 41.6#
84 136.4 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 59.456 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.018 min
Lab File: VY016410.D
Acq: 17 Nov 2023 15:18

Tgt Ion: 65 Resp: 11311
Ion Ratio Lower Upper
65 100
67 52.9 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.018 min

Lab File: VY016410.D

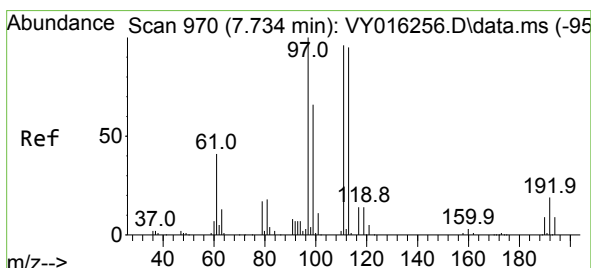
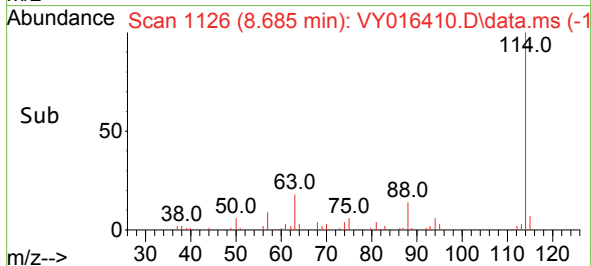
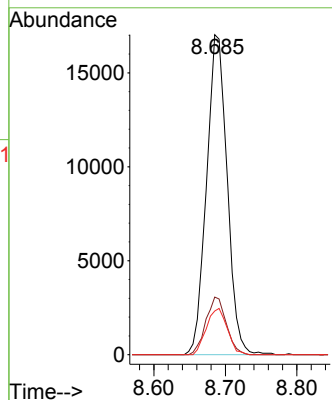
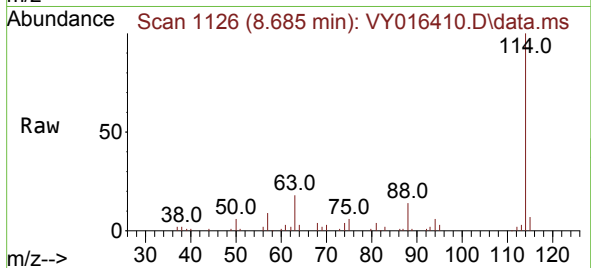
Acq: 17 Nov 2023 15:18

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	34144
Ion Ratio	Lower	Upper
114	100	
63	18.0	0.0 42.4
88	13.7	0.0 30.6



#35

Dibromofluoromethane

Concen: 59.724 ug/l

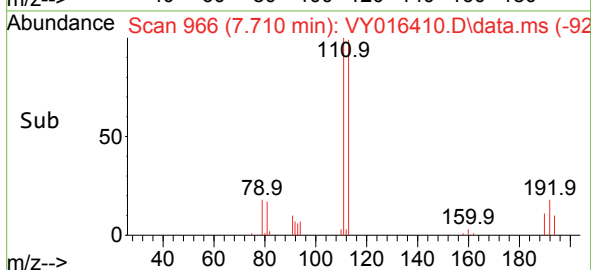
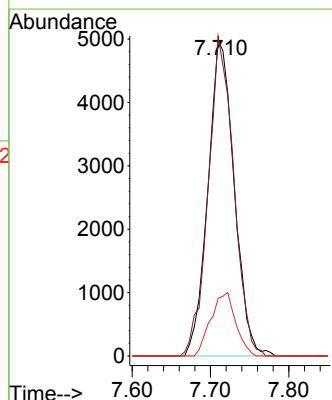
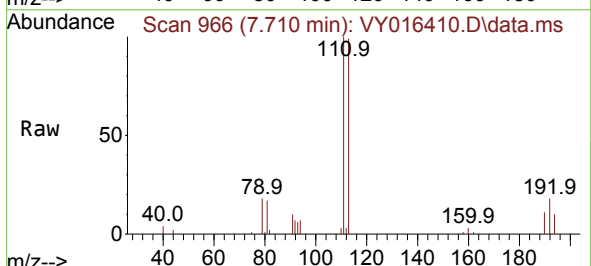
RT: 7.710 min Scan# 966

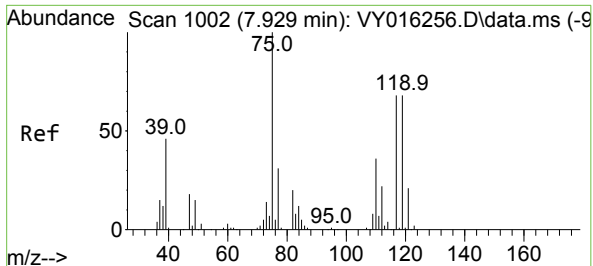
Delta R.T. -0.025 min

Lab File: VY016410.D

Acq: 17 Nov 2023 15:18

Tgt Ion:113	Resp:	11584
Ion Ratio	Lower	Upper
113	100	
111	98.3	81.3 121.9
192	19.1	16.9 25.3





#36

1,1-Dichloropropene

Concen: 5.297 ug/l

RT: 7.783 min Scan# 917

Delta R.T. -0.146 min

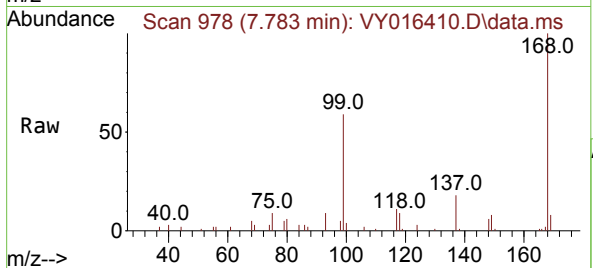
Lab File: VY016410.D

Acq: 17 Nov 2023 15:18

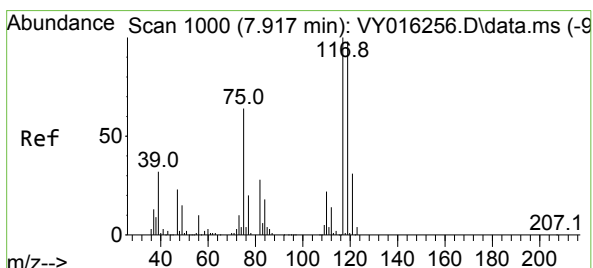
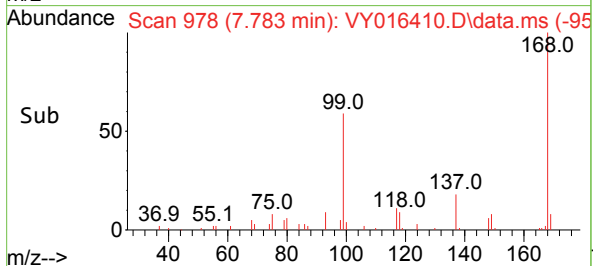
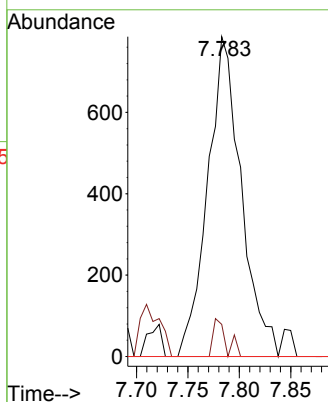
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 1784
Ion Ratio	Lower Upper
75	100
110	4.6 17.8 53.5#
77	0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 6.240 ug/l

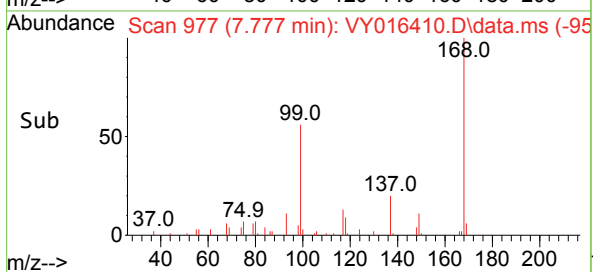
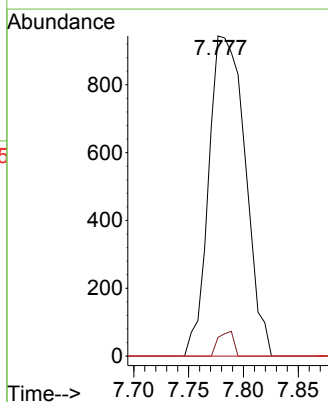
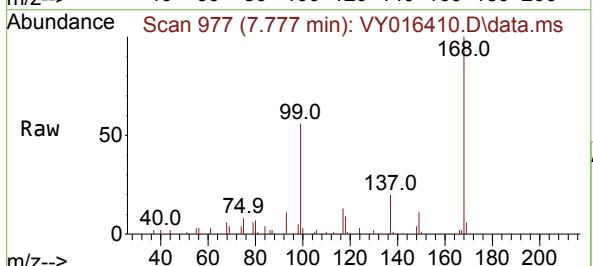
RT: 7.777 min Scan# 977

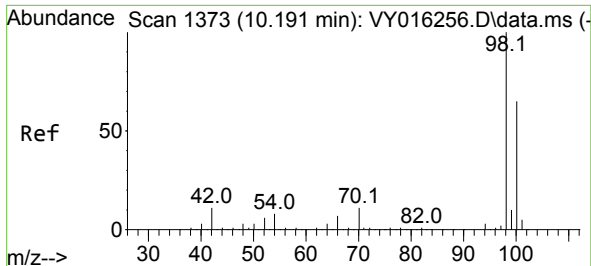
Delta R.T. -0.140 min

Lab File: VY016410.D

Acq: 17 Nov 2023 15:18

Tgt Ion: 117	Resp: 2181
Ion Ratio	Lower Upper
117	100
119	5.8 76.4 114.6#
121	0.0 25.8 38.6#

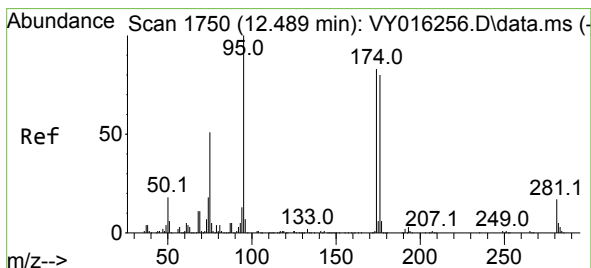
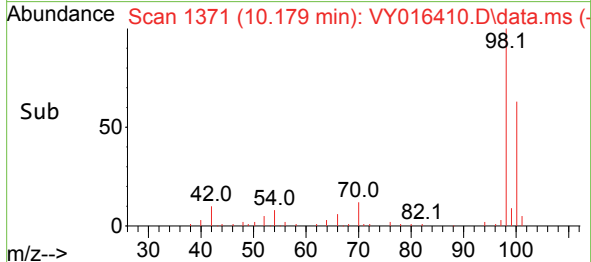
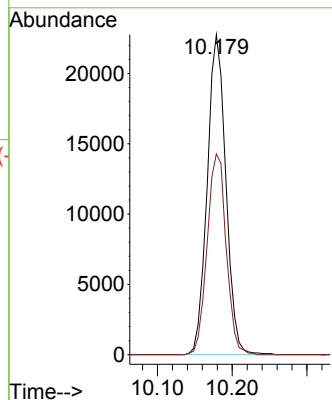
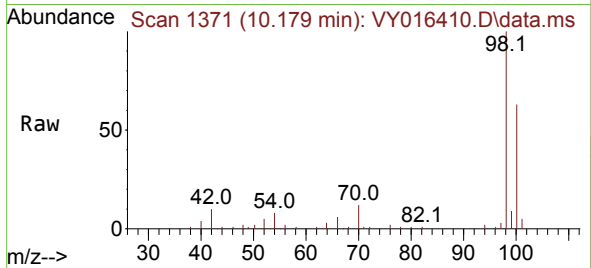




#50
Toluene-d8
Concen: 50.033 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY016410.D
Acq: 17 Nov 2023 15:18

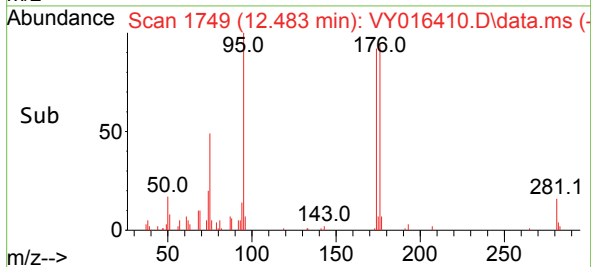
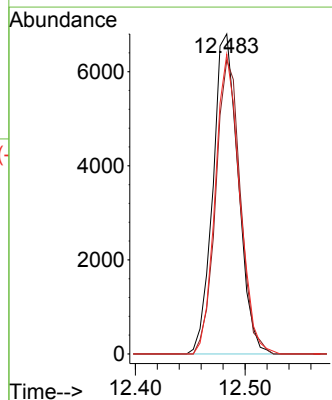
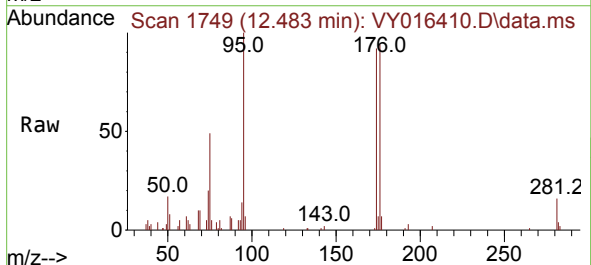
Instrument :
MSVOA_Y
ClientSampleId :

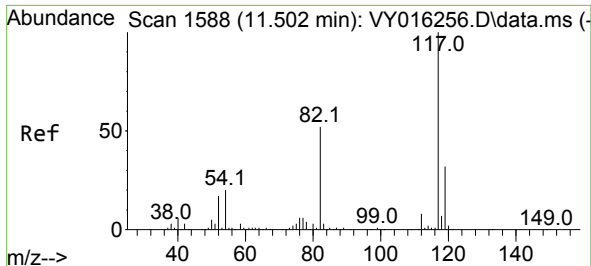
Tgt Ion: 98 Resp: 39353
Ion Ratio Lower Upper
98 100
100 64.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 42.696 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY016410.D
Acq: 17 Nov 2023 15:18

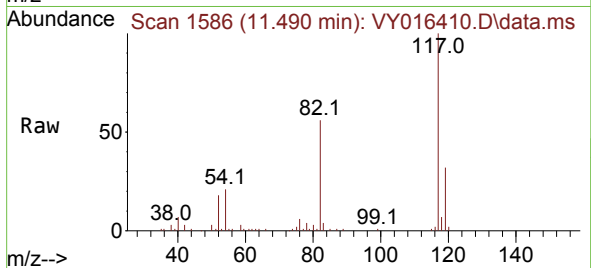
Tgt Ion: 95 Resp: 10907
Ion Ratio Lower Upper
95 100
174 89.8 0.0 178.2
176 90.6 0.0 173.8



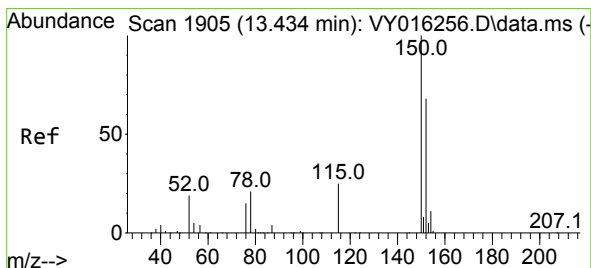
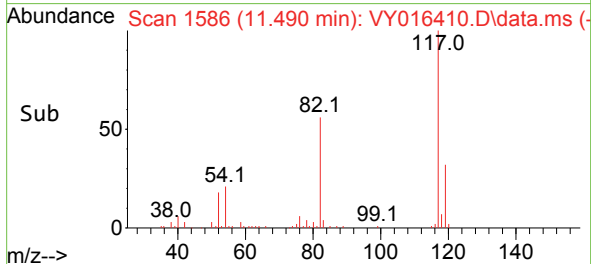
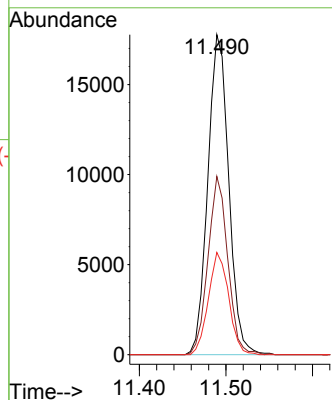


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY016410.D
Acq: 17 Nov 2023 15:18

Instrument :
MSVOA_Y
ClientSampleId :

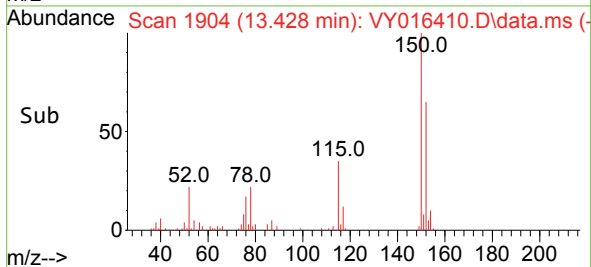
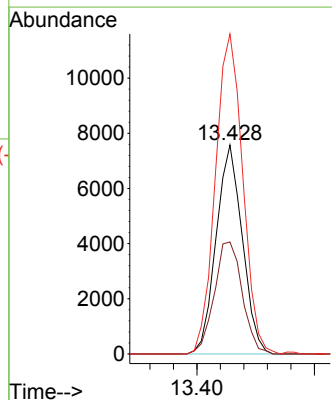
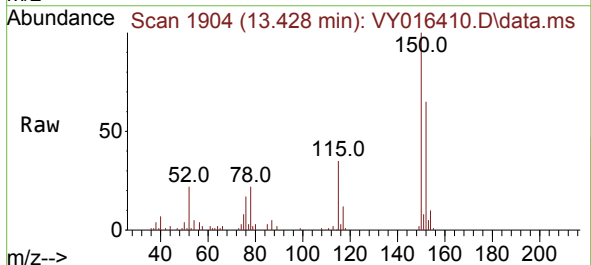


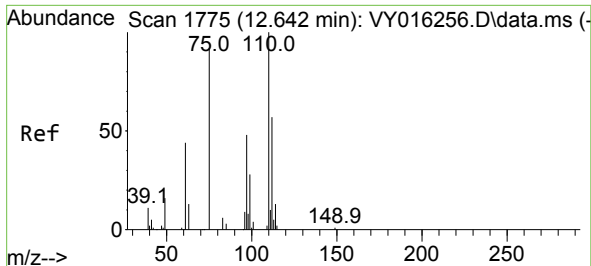
Tgt Ion:	117	Resp:	29806
Ion Ratio	100	Lower	Upper
117	100		
82	55.7	43.4	65.0
119	31.9	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY016410.D
Acq: 17 Nov 2023 15:18

Tgt Ion:	152	Resp:	11715
Ion Ratio	100	Lower	Upper
152	100		
115	57.3	28.8	86.5
150	159.8	0.0	348.8

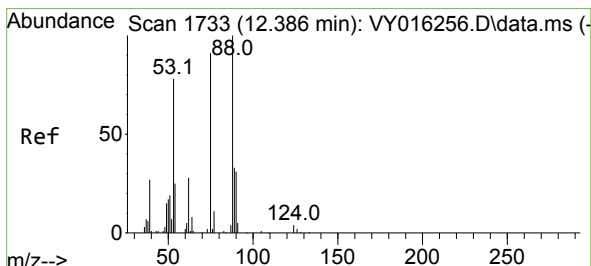
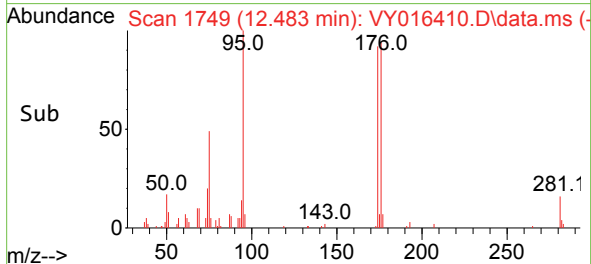
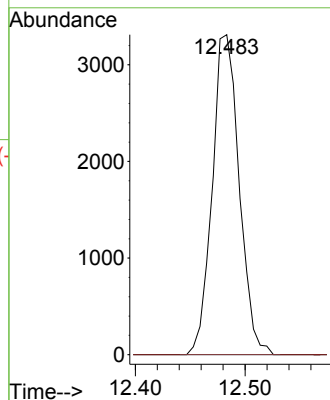
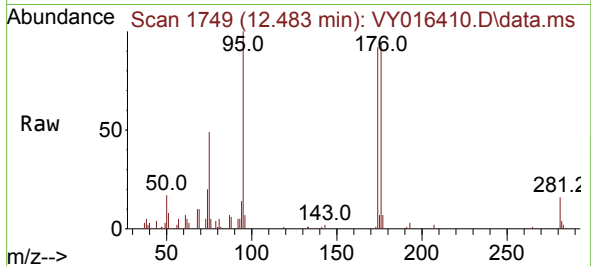




#76
1,2,3-Trichloropropane
Concen: 50.391 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.159 min
Lab File: VY016410.D
Acq: 17 Nov 2023 15:18

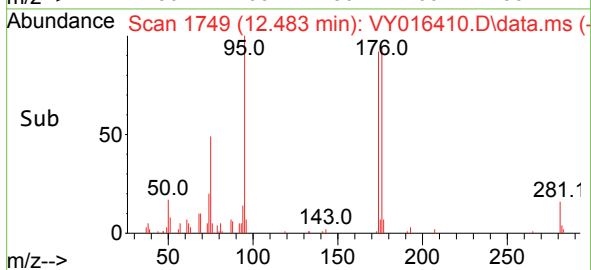
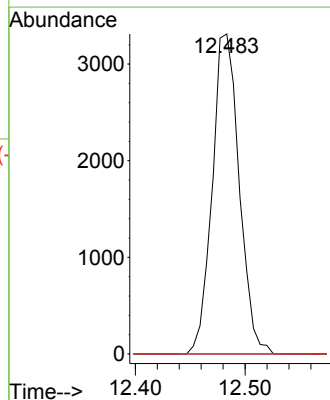
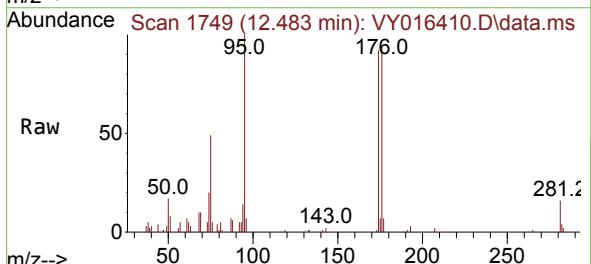
Instrument :
MSVOA_Y
ClientSampleId :

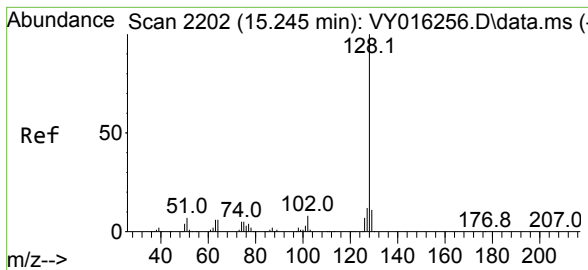
Tgt Ion: 75 Resp: 5663
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 109.378 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY016410.D
Acq: 17 Nov 2023 15:18

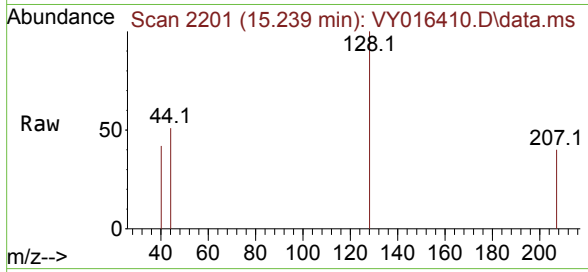
Tgt Ion: 75 Resp: 5663
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#





#95
 Naphthalene
 Concen: 1.442 ug/l
 RT: 15.239 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY016410.D
 Acq: 17 Nov 2023 15:18

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:128 Resp: 532
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.8 16.2#
 129 0.0 8.6 13.0#

