

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111623\
 Data File : VY016384.D
 Acq On : 16 Nov 2023 13:19
 Operator : SY/MD
 Sample : 05446-03
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 17 04:05:07 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	17522	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	28349	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.489	117	25030	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.428	152	9419	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	9377	58.553	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.100%
35) Dibromofluoromethane	7.722	113	9607	59.656	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	119.320%
50) Toluene-d8	10.179	98	32975	50.494	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.980%
62) 4-Bromofluorobenzene	12.483	95	9037	42.607	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.220%

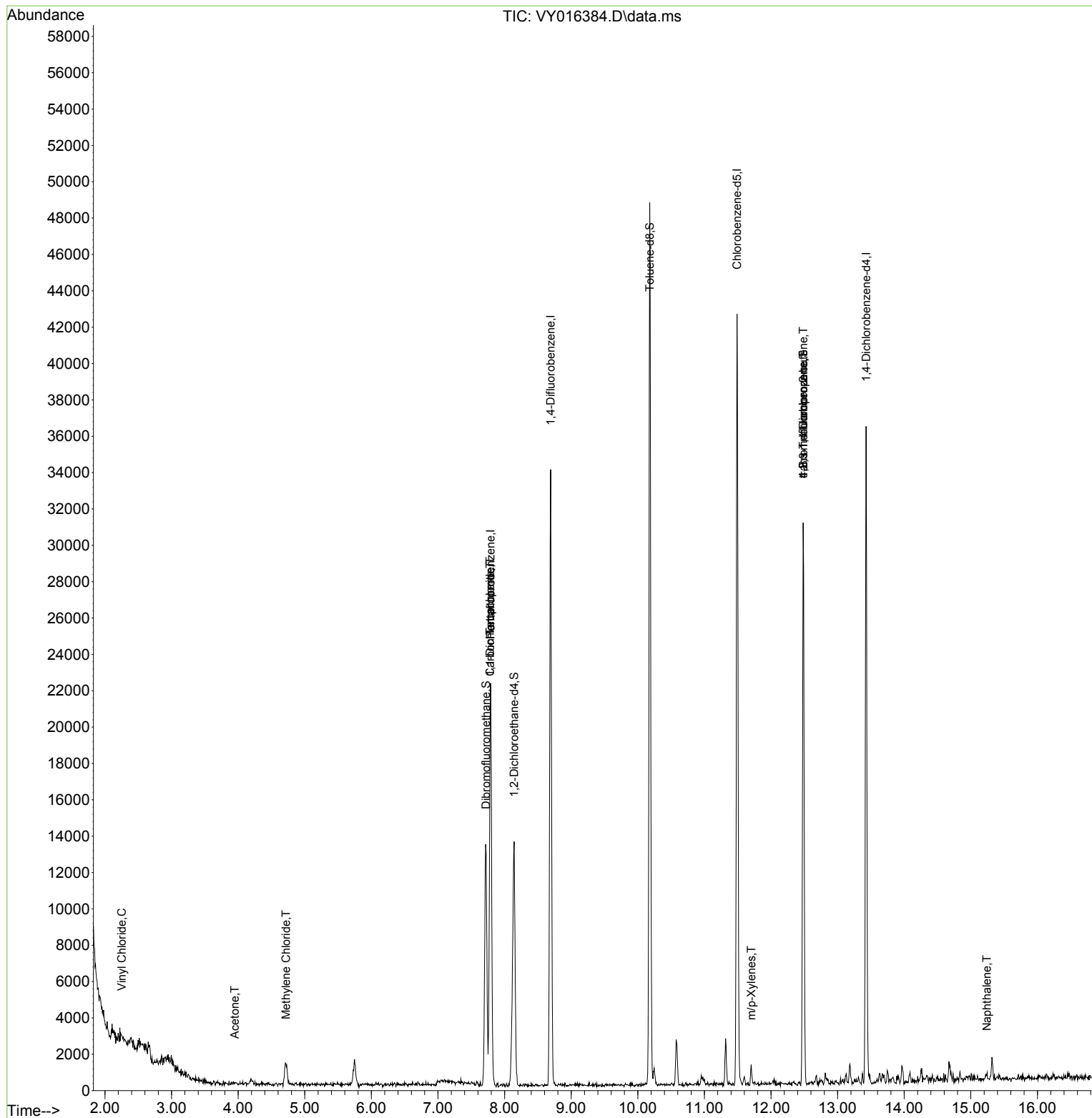
Target Compounds					Qvalue	
4) Vinyl Chloride	2.253	62	305	1.412	ug/l #	44
16) Acetone	3.948	43	151	5.700	ug/l #	46
20) Methylene Chloride	4.716	84	1028	2.163	ug/l #	77
36) 1,1-Dichloropropene	7.783	75	1531	5.475	ug/l #	43
38) Carbon Tetrachloride	7.783	117	1704	5.871	ug/l #	12
68) m/p-Xylenes	11.703	106	394	1.081	ug/l	95
76) 1,2,3-Trichloropropane	12.483	75	4671	51.696	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	4671	112.210	ug/l #	10
95) Naphthalene	15.239	128	503	1.695	ug/l #	69

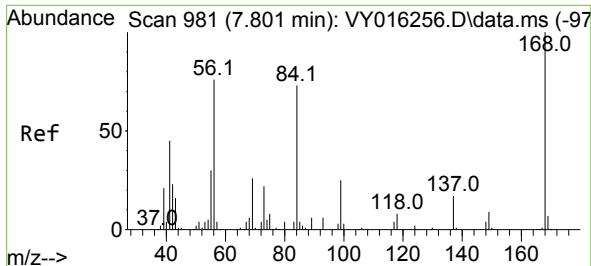
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

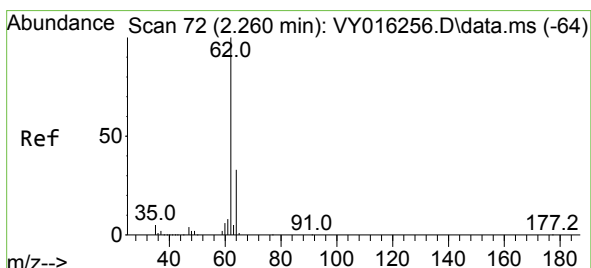
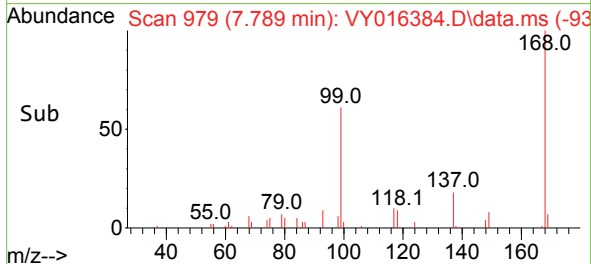
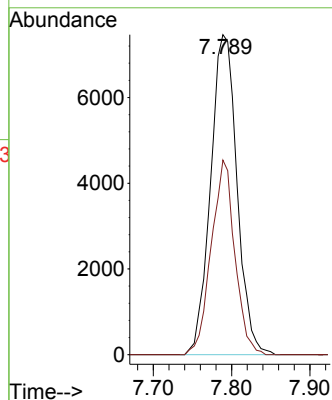
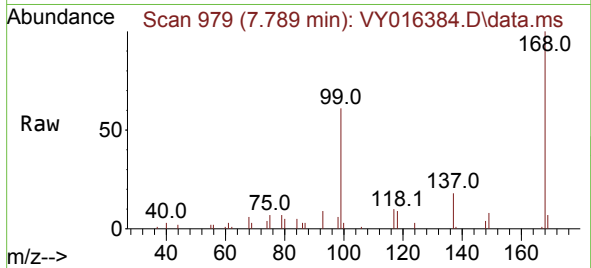




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016384.D
Acq: 16 Nov 2023 13:19

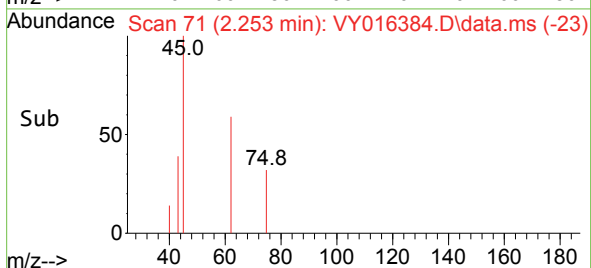
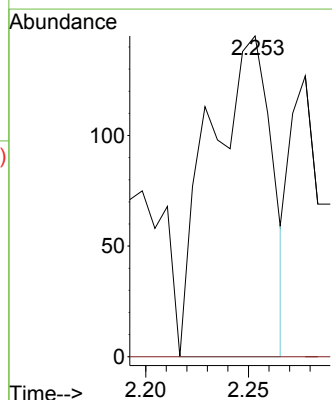
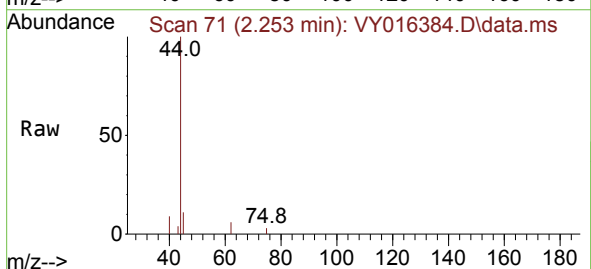
Instrument :
MSVOA_Y
ClientSampleId :

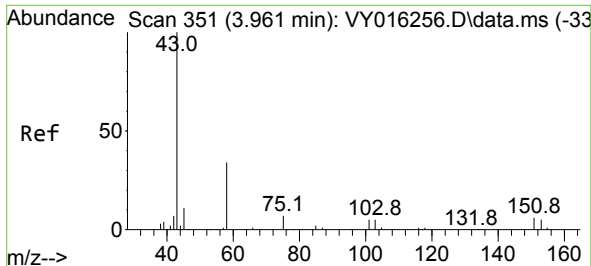
Tgt Ion:168 Resp: 17522
Ion Ratio Lower Upper
168 100
99 60.8 43.4 65.0



#4
Vinyl Chloride
Concen: 1.412 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY016384.D
Acq: 16 Nov 2023 13:19

Tgt Ion: 62 Resp: 305
Ion Ratio Lower Upper
62 100
64 0.0 24.3 36.5#





#16

Acetone

Concen: 5.700 ug/l

RT: 3.948 min Scan# 349

Delta R.T. -0.012 min

Lab File: VY016384.D

Acq: 16 Nov 2023 13:19

Instrument :

MSVOA_Y

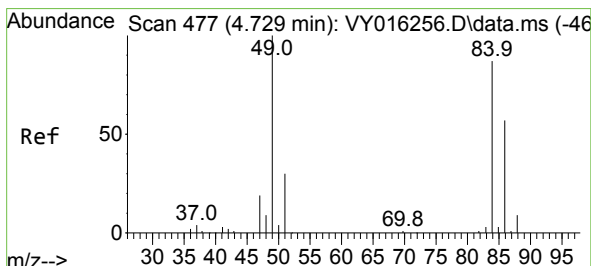
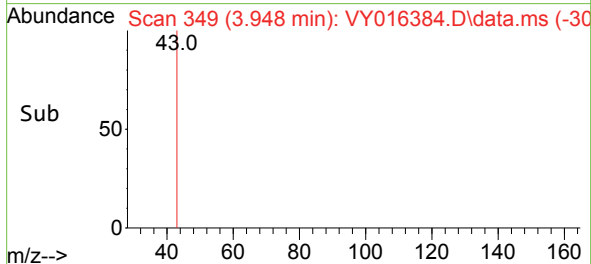
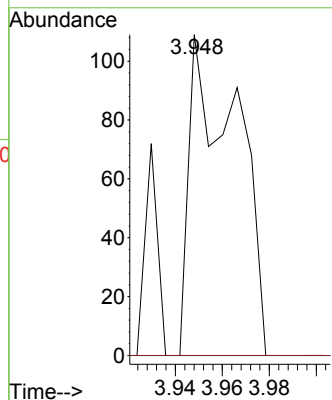
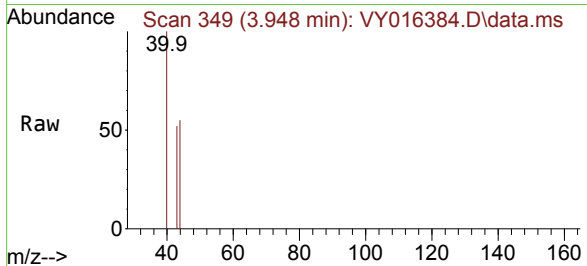
ClientSampleId :

Tgt Ion: 43 Resp: 151

Ion Ratio Lower Upper

43 100

58 0.0 22.7 34.1#



#20

Methylene Chloride

Concen: 2.163 ug/l

RT: 4.716 min Scan# 475

Delta R.T. -0.013 min

Lab File: VY016384.D

Acq: 16 Nov 2023 13:19

Tgt Ion: 84 Resp: 1028

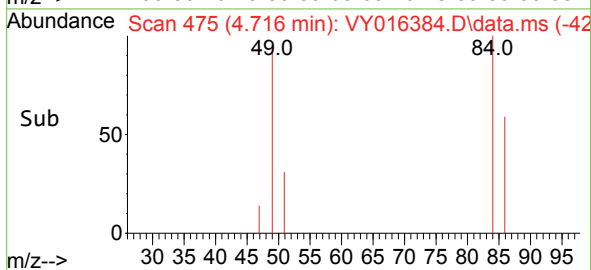
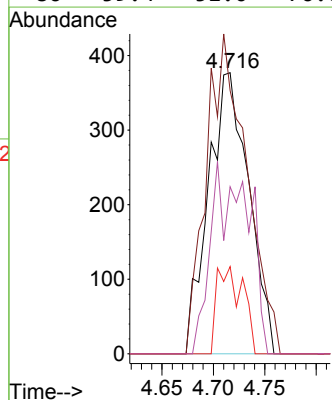
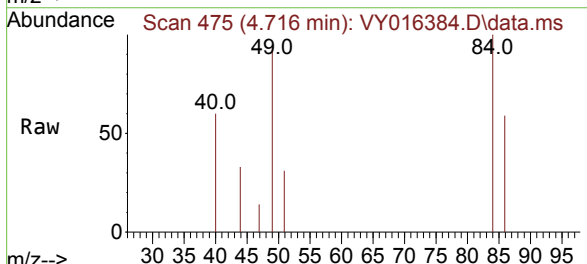
Ion Ratio Lower Upper

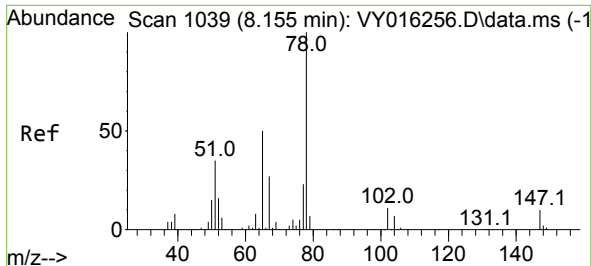
84 100

49 93.6 106.9 160.3#

51 31.0 33.2 49.8#

86 59.4 51.0 76.6

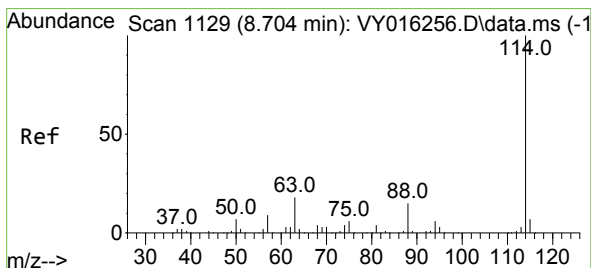
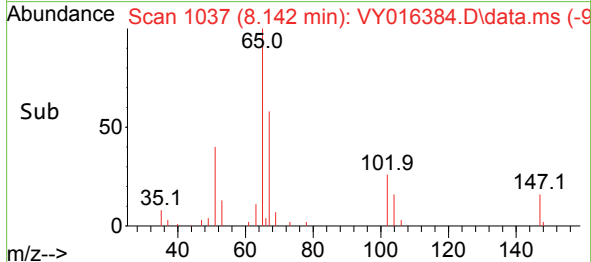
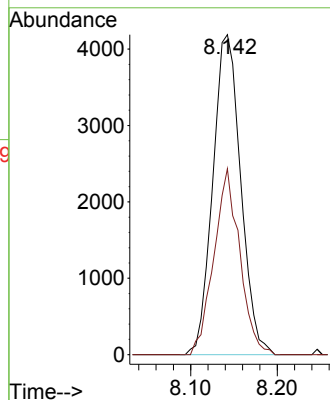
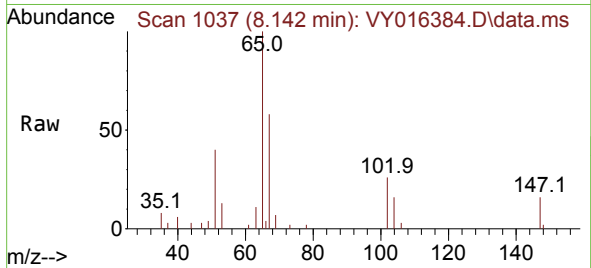




#33
 1,2-Dichloroethane-d4
 Concen: 58.553 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. -0.012 min
 Lab File: VY016384.D
 Acq: 16 Nov 2023 13:19

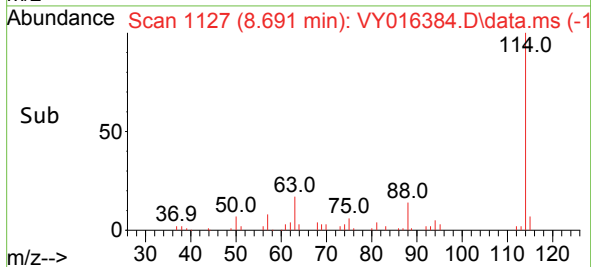
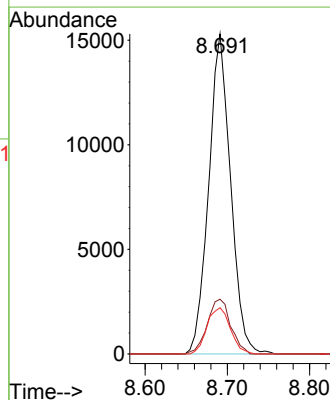
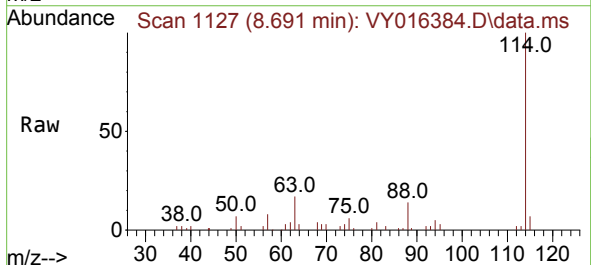
Instrument :
 MSVOA_Y
 ClientSampleId :

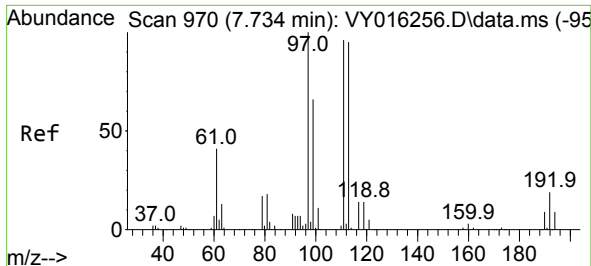
Tgt Ion: 65 Resp: 9377
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.012 min
 Lab File: VY016384.D
 Acq: 16 Nov 2023 13:19

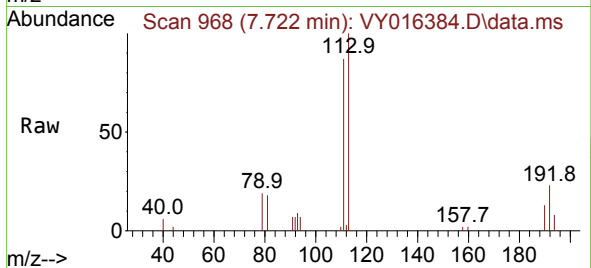
Tgt Ion: 114 Resp: 28349
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 42.4
 88 14.5 0.0 30.6



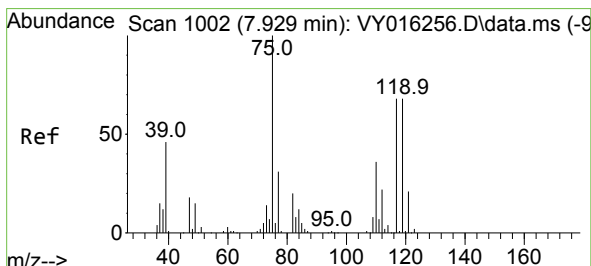
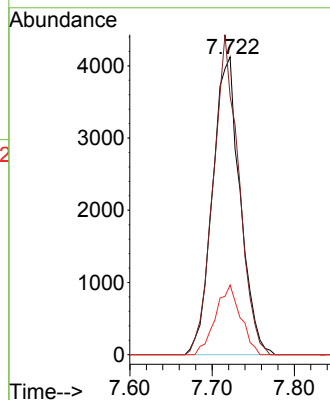
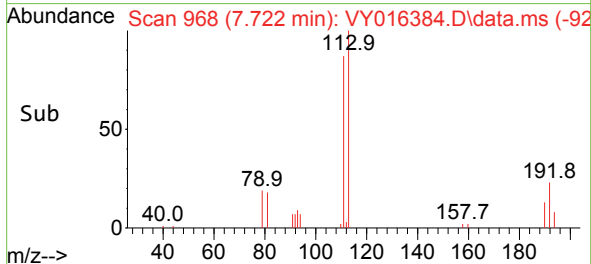


#35
Dibromofluoromethane
Concen: 59.656 ug/l
RT: 7.722 min Scan# 907
Delta R.T. -0.012 min
Lab File: VY016384.D
Acq: 16 Nov 2023 13:19

Instrument :
MSVOA_Y
ClientSampleId :

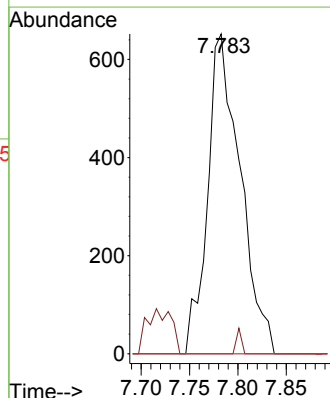
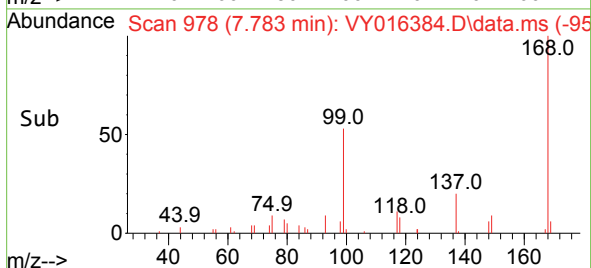
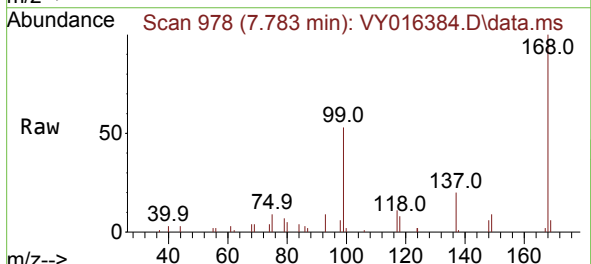


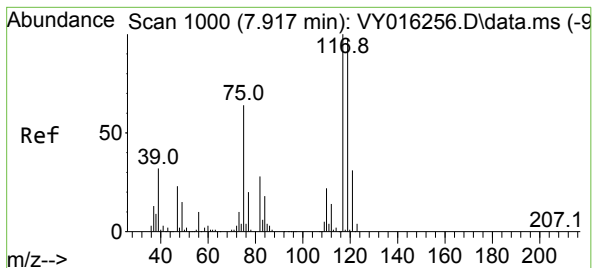
Tgt Ion:113 Resp: 9607
Ion Ratio Lower Upper
113 100
111 99.8 81.3 121.9
192 21.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.475 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.147 min
Lab File: VY016384.D
Acq: 16 Nov 2023 13:19

Tgt Ion: 75 Resp: 1531
Ion Ratio Lower Upper
75 100
110 1.2 17.8 53.5#
77 0.0 24.4 36.6#





#38

Carbon Tetrachloride

Concen: 5.871 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

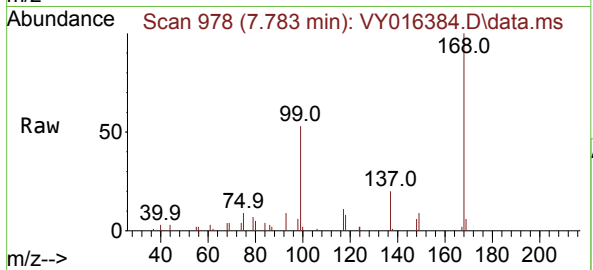
Lab File: VY016384.D

Acq: 16 Nov 2023 13:19

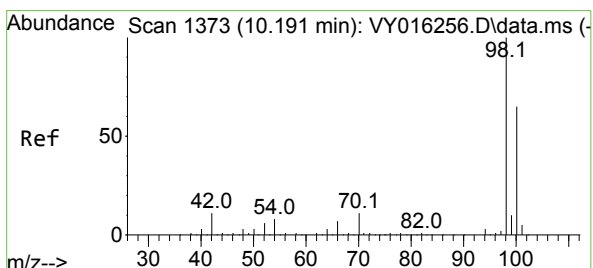
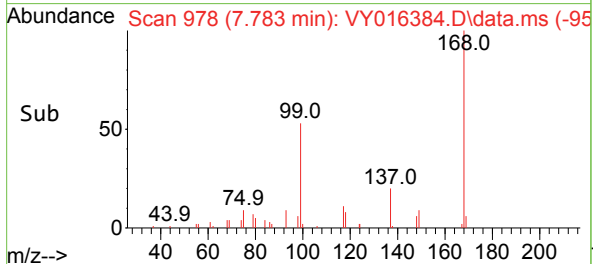
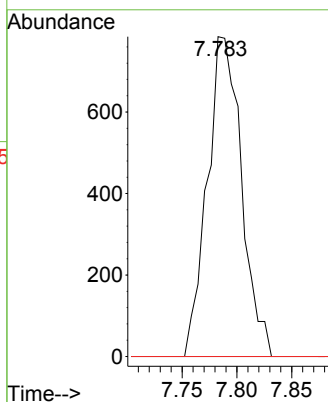
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	117	Resp:	1704
Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.4	114.6#
121	0.0	25.8	38.6#



#50

Toluene-d8

Concen: 50.494 ug/l

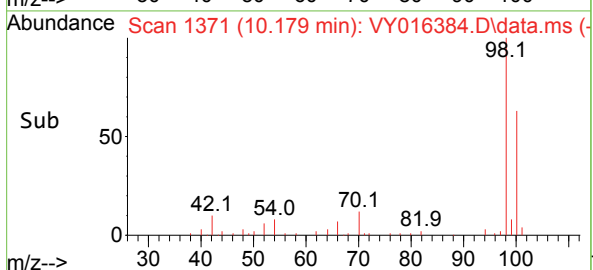
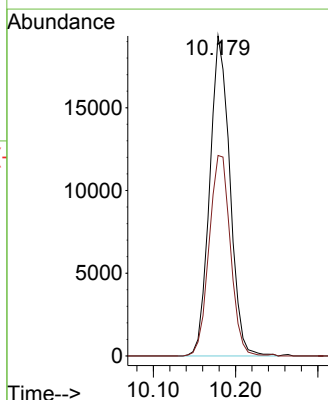
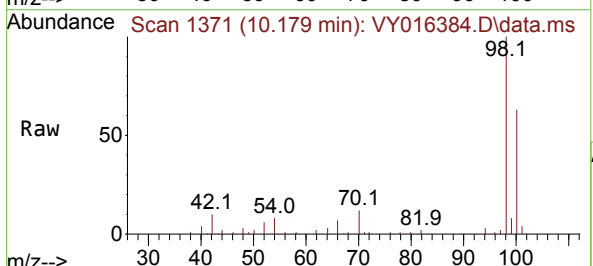
RT: 10.179 min Scan# 1371

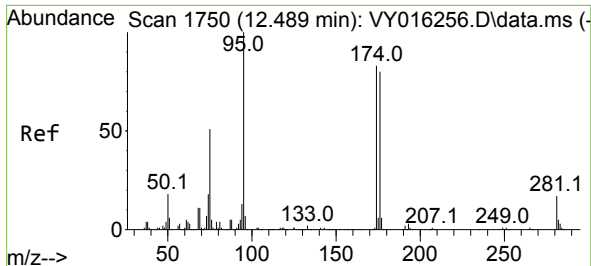
Delta R.T. -0.012 min

Lab File: VY016384.D

Acq: 16 Nov 2023 13:19

Tgt Ion:	98	Resp:	32975
Ion	Ratio	Lower	Upper
98	100		
100	66.2	50.1	75.1

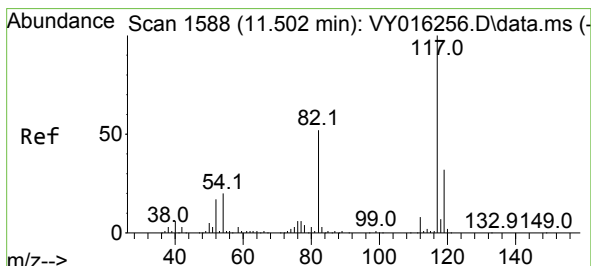
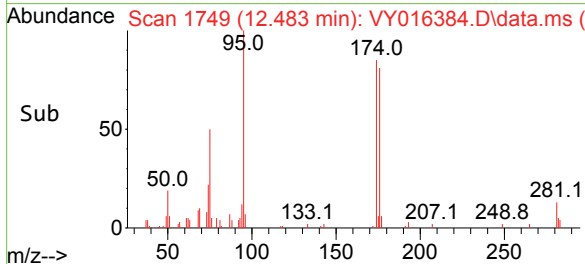
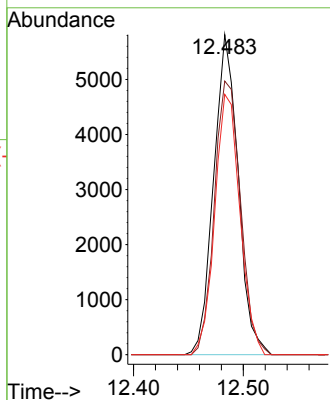
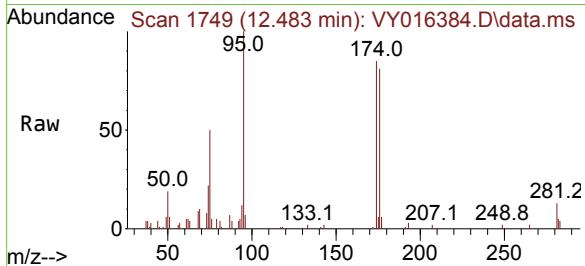




#62
4-Bromofluorobenzene
Concen: 42.607 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY016384.D
Acq: 16 Nov 2023 13:19

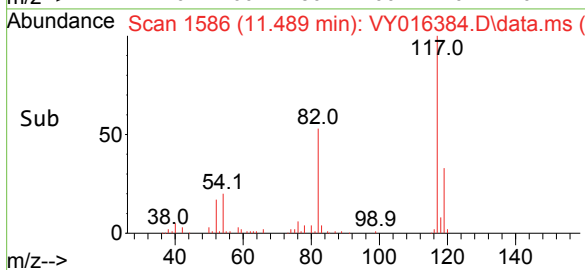
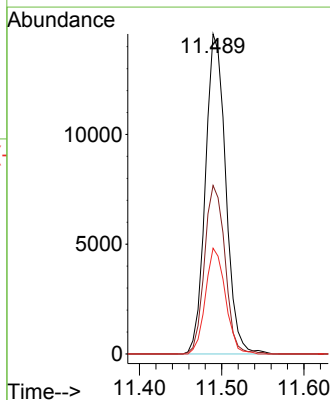
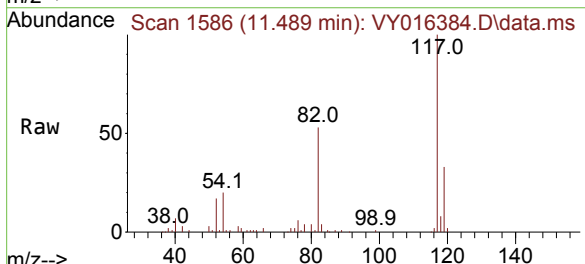
Instrument :
MSVOA_Y
ClientSampleId :

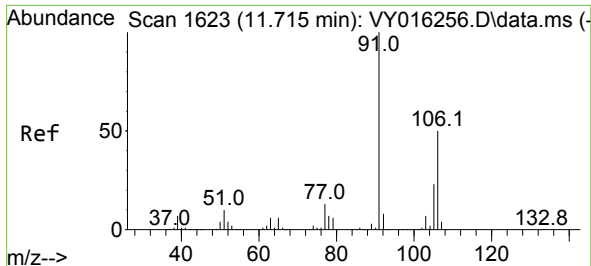
Tgt Ion: 95 Resp: 9037
Ion Ratio Lower Upper
95 100
174 90.8 0.0 178.2
176 83.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.012 min
Lab File: VY016384.D
Acq: 16 Nov 2023 13:19

Tgt Ion: 117 Resp: 25030
Ion Ratio Lower Upper
117 100
82 52.6 43.4 65.0
119 33.1 26.3 39.5

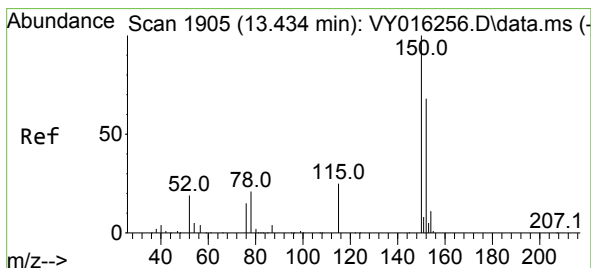
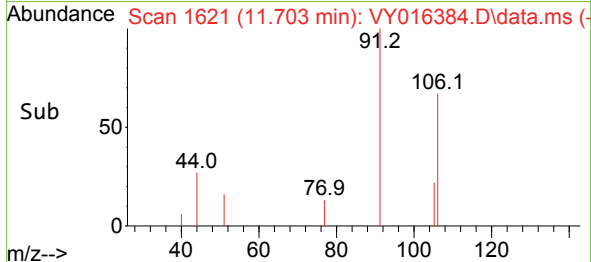
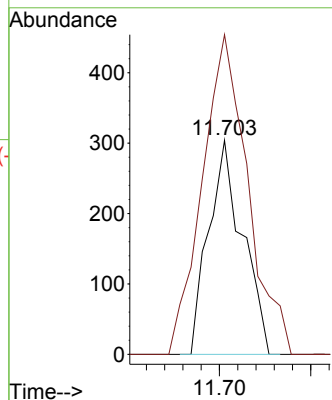
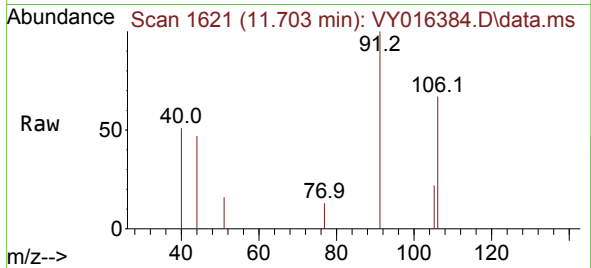




#68
m/p-Xylenes
Concen: 1.081 ug/l
RT: 11.703 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY016384.D
Acq: 16 Nov 2023 13:19

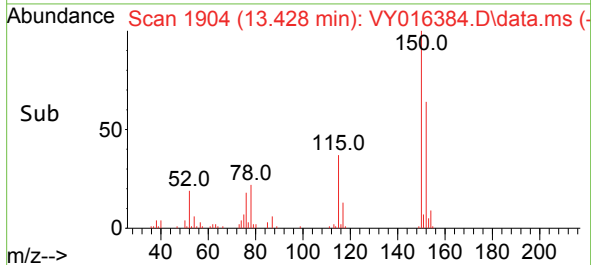
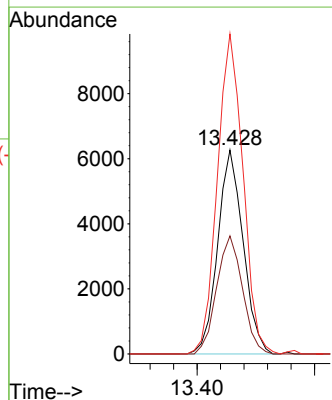
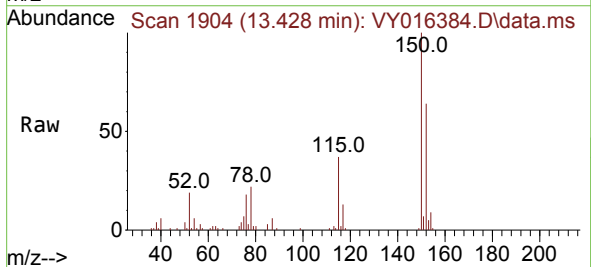
Instrument :
MSVOA_Y
ClientSampleId :

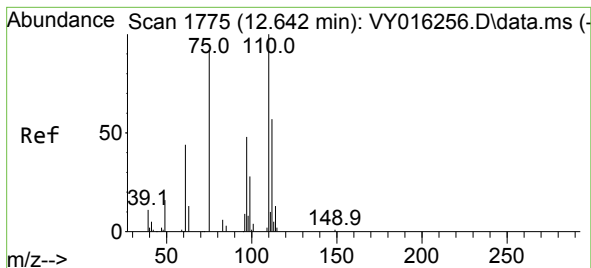
Tgt Ion:106 Resp: 394
Ion Ratio Lower Upper
106 100
91 199.7 166.1 249.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY016384.D
Acq: 16 Nov 2023 13:19

Tgt Ion:152 Resp: 9419
Ion Ratio Lower Upper
152 100
115 58.7 28.8 86.5
150 158.2 0.0 348.8

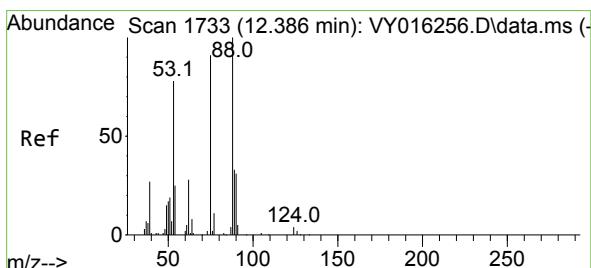
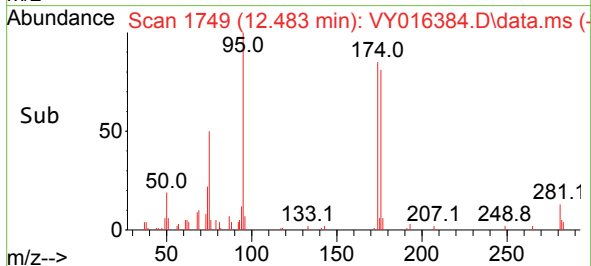
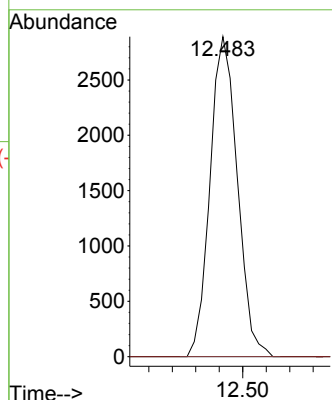
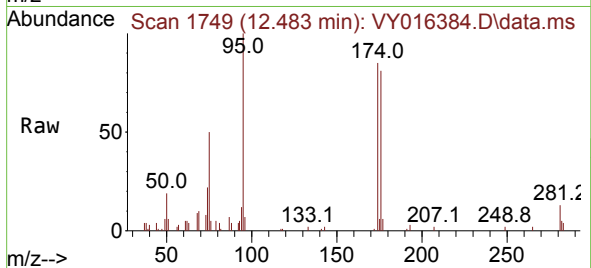




#76
 1,2,3-Trichloropropane
 Concen: 51.696 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.159 min
 Lab File: VY016384.D
 Acq: 16 Nov 2023 13:19

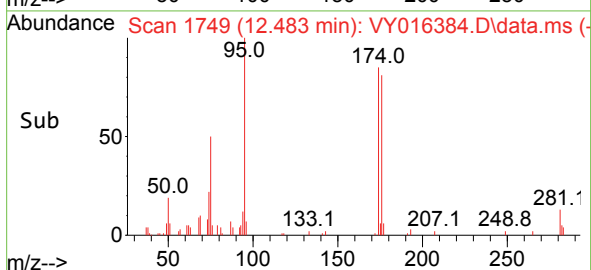
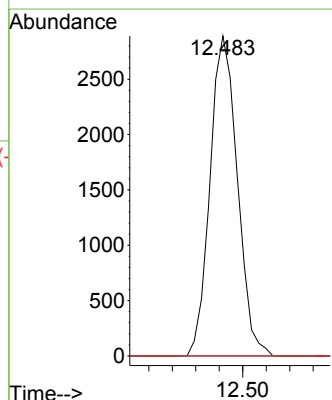
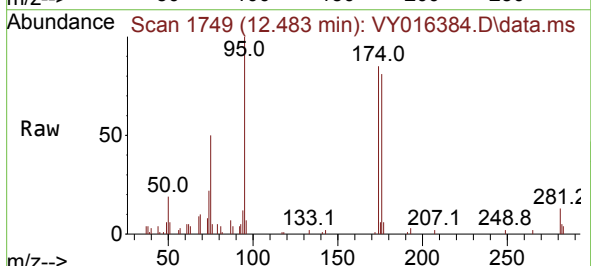
Instrument :
 MSVOA_Y
 ClientSampleId :

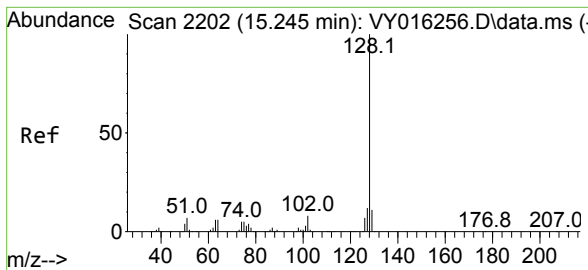
Tgt Ion: 75 Resp: 4671
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 112.210 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.097 min
 Lab File: VY016384.D
 Acq: 16 Nov 2023 13:19

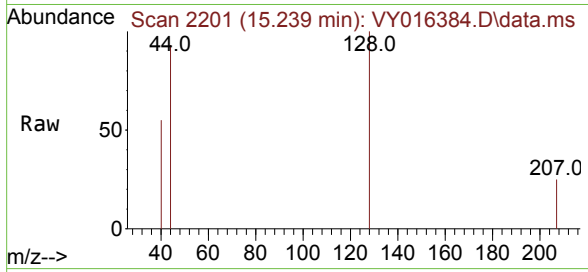
Tgt Ion: 75 Resp: 4671
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#





#95
 Naphthalene
 Concen: 1.695 ug/l
 RT: 15.239 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY016384.D
 Acq: 16 Nov 2023 13:19

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	128	Resp:	503
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.8	16.2#
129	0.0	8.6	13.0#

