

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020724\
 Data File : VY017298.D
 Acq On : 07 Feb 2024 18:48
 Operator : SY/MD
 Sample : P1391-11
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-2

Quant Time: Feb 08 01:46:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

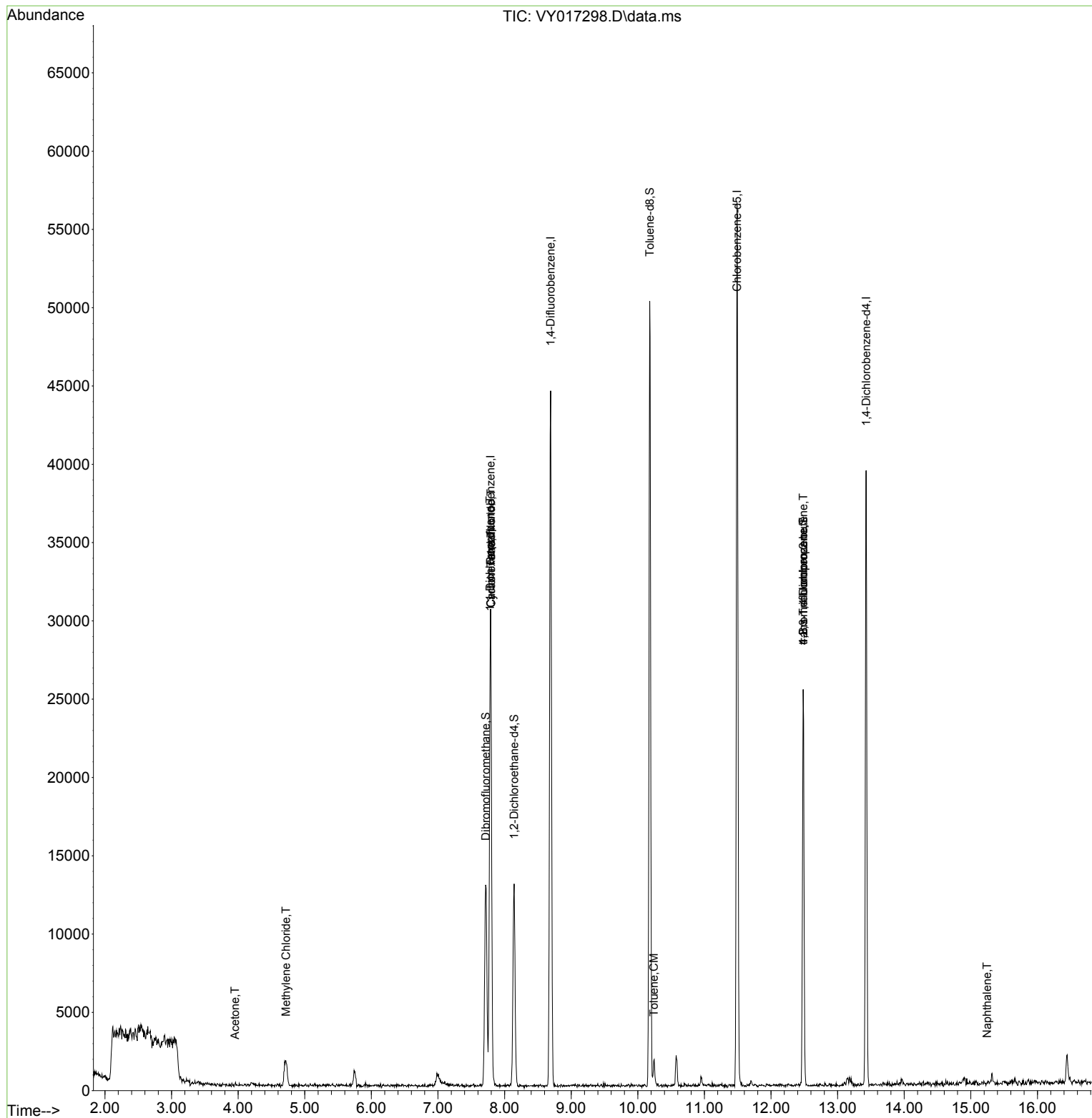
Internal Standards						
1) Pentafluorobenzene	7.789	168	22008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	36751	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	29563	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.428	152	9284	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	9569	48.671	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.340%
35) Dibromofluoromethane	7.715	113	9163	46.177	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.360%
50) Toluene-d8	10.178	98	32328	44.746	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.500%
62) 4-Bromofluorobenzene	12.483	95	7689	32.488	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	64.980%
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	86	1.488	ug/l #	41
20) Methylene Chloride	4.716	84	1284	2.067	ug/l	95
31) Cyclohexane	7.795	56	588	1.484	ug/l #	20
36) 1,1-Dichloropropene	7.783	75	2105	6.150	ug/l #	45
38) Carbon Tetrachloride	7.795	117	2465	7.522	ug/l #	12
52) Toluene	10.239	92	764	1.295	ug/l	91
76) 1,2,3-Trichloropropane	12.483	75	4203	49.049	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	4203	101.917	ug/l #	12
95) Naphthalene	15.245	128	66	3.673	ug/l #	69

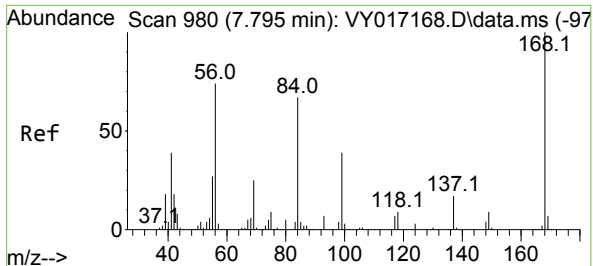
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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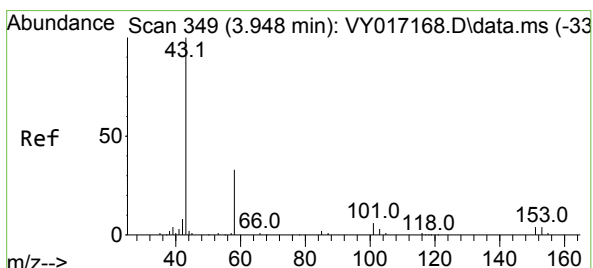
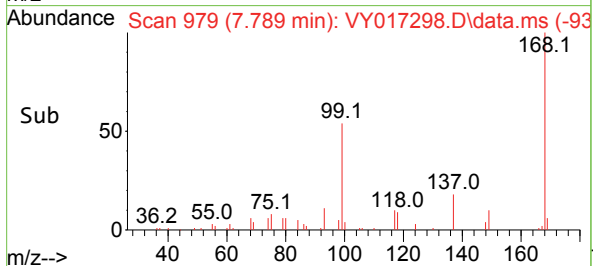
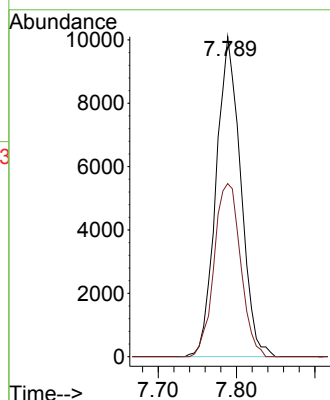
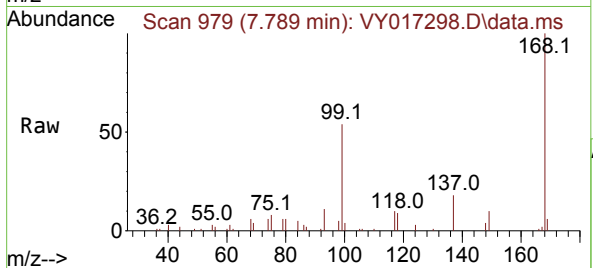




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017298.D
Acq: 07 Feb 2024 18:48

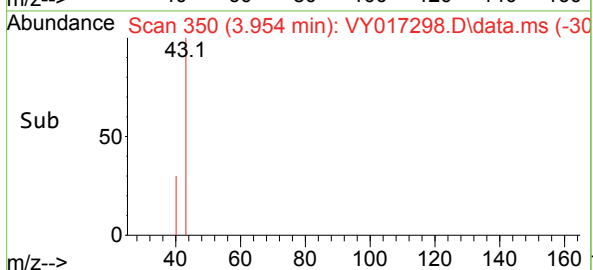
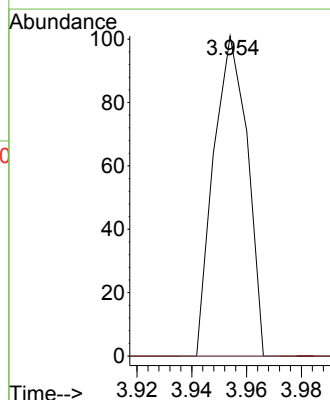
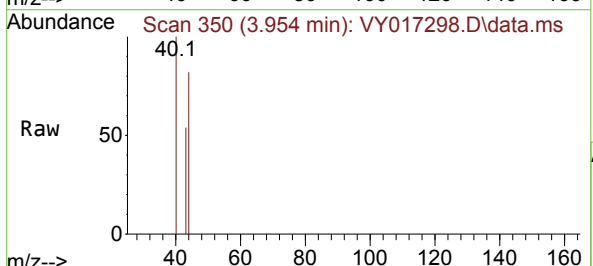
Instrument :
MSVOA_Y
ClientSampleId :
SP-2

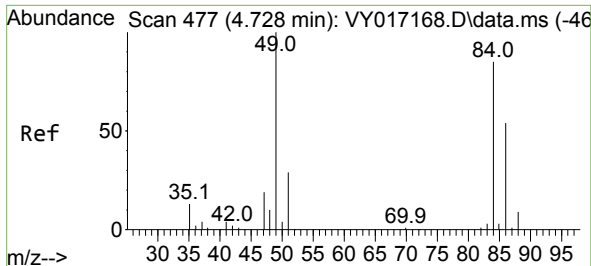
Tgt Ion:168 Resp: 22008
Ion Ratio Lower Upper
168 100
99 54.1 44.2 66.4



#16
Acetone
Concen: 1.488 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY017298.D
Acq: 07 Feb 2024 18:48

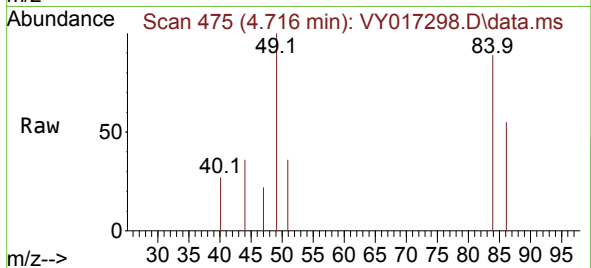
Tgt Ion: 43 Resp: 86
Ion Ratio Lower Upper
43 100
58 0.0 26.6 39.8#



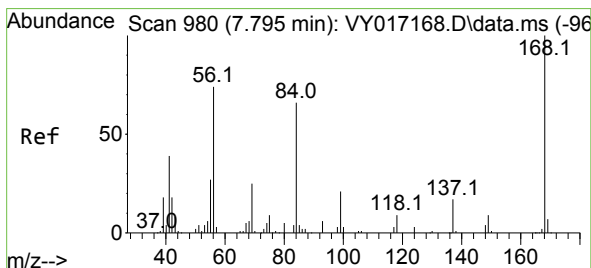
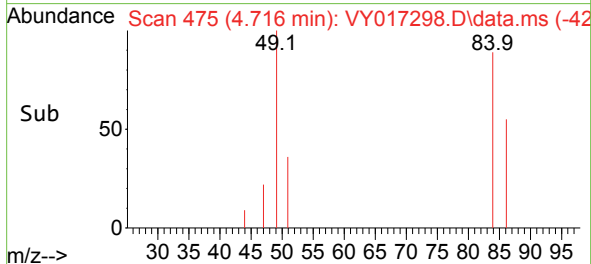
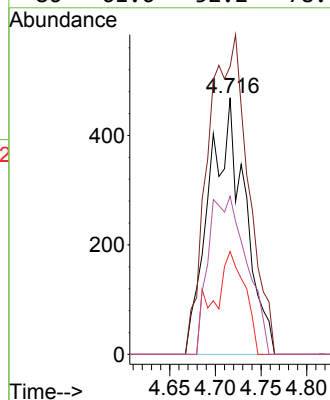


#20
Methylene Chloride
Concen: 2.067 ug/l
RT: 4.716 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY017298.D
Acq: 07 Feb 2024 18:48

Instrument :
MSVOA_Y
ClientSampleId :
SP-2

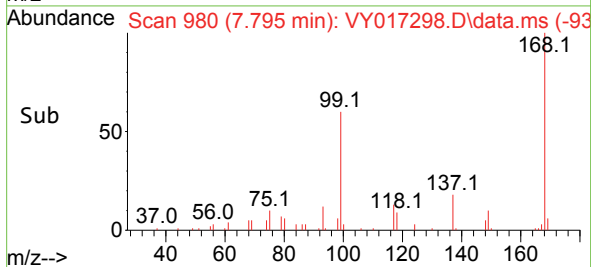
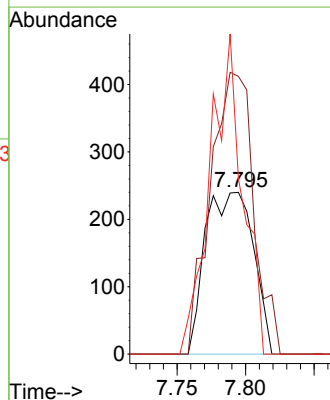
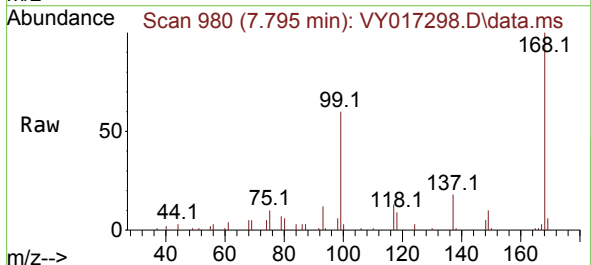


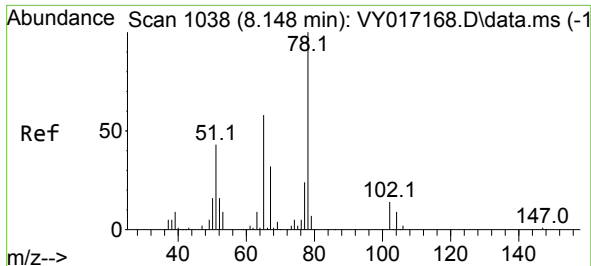
Tgt Ion: 84	Resp: 1284
Ion Ratio	Lower Upper
84 100	
49 112.2	95.2 142.8
51 40.1	29.9 44.9
86 61.6	52.2 78.4



#31
Cyclohexane
Concen: 1.484 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY017298.D
Acq: 07 Feb 2024 18:48

Tgt Ion: 56	Resp: 588
Ion Ratio	Lower Upper
56 100	
69 171.7	27.0 40.6#
84 108.3	71.8 107.6#

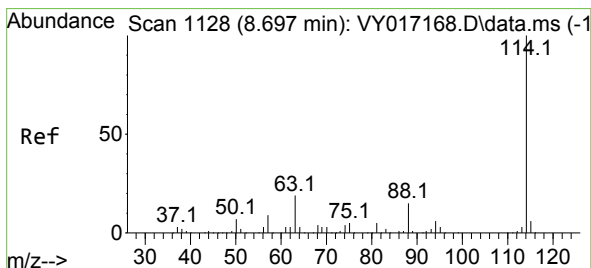
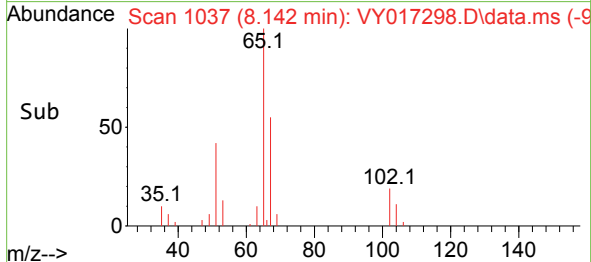
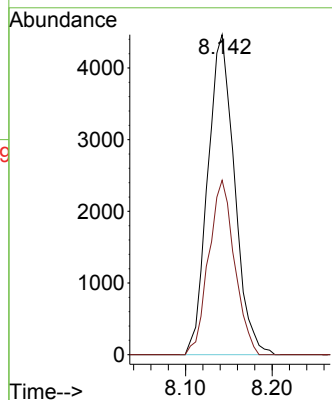
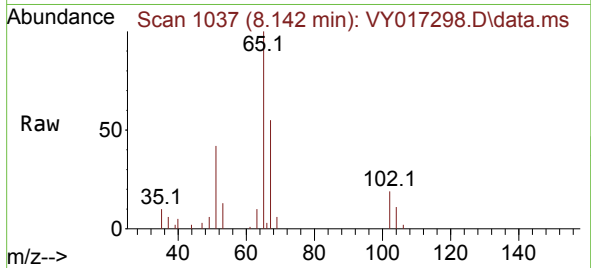




#33
 1,2-Dichloroethane-d4
 Concen: 48.671 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. -0.006 min
 Lab File: VY017298.D
 Acq: 07 Feb 2024 18:48

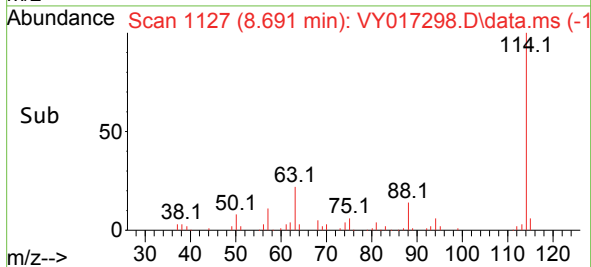
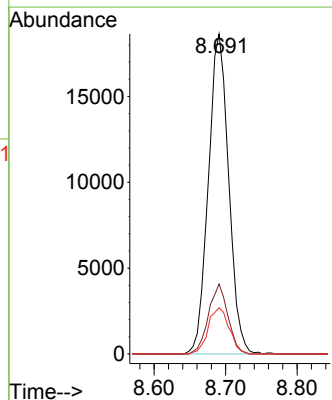
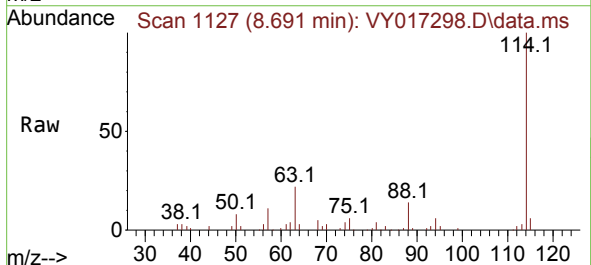
Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-2

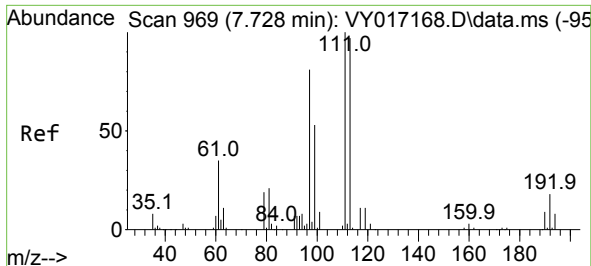
Tgt Ion: 65 Resp: 9569
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.006 min
 Lab File: VY017298.D
 Acq: 07 Feb 2024 18:48

Tgt Ion: 114 Resp: 36751
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 37.4
 88 14.4 0.0 29.0

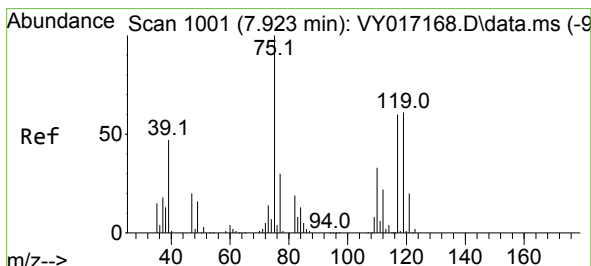
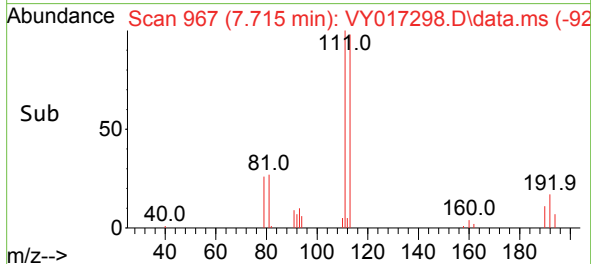
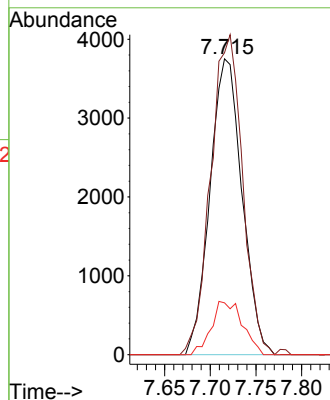
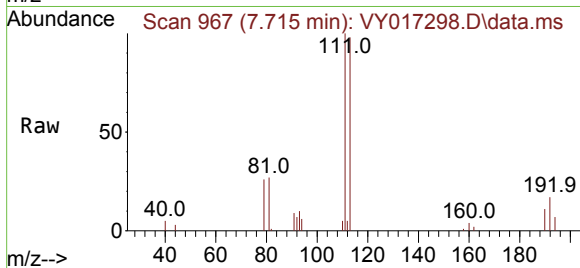




#35
Dibromofluoromethane
Concen: 46.177 ug/l
RT: 7.715 min Scan# 911
Delta R.T. -0.012 min
Lab File: VY017298.D
Acq: 07 Feb 2024 18:48

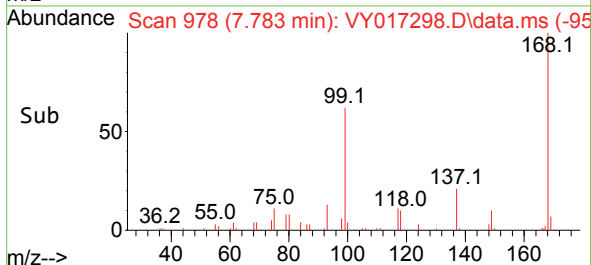
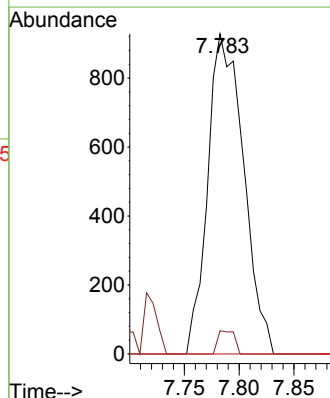
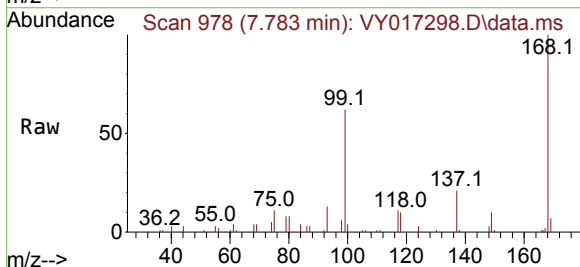
Instrument :
MSVOA_Y
ClientSampleId :
SP-2

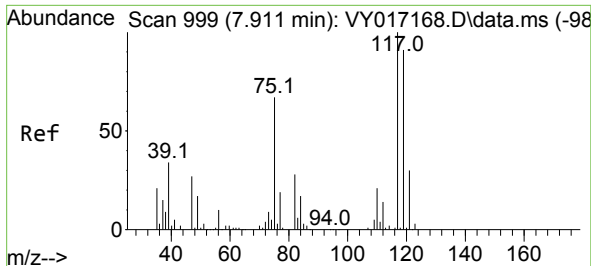
Tgt Ion:113 Resp: 9163
Ion Ratio Lower Upper
113 100
111 107.3 83.8 125.6
192 17.5 14.5 21.7



#36
1,1-Dichloropropene
Concen: 6.150 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.140 min
Lab File: VY017298.D
Acq: 07 Feb 2024 18:48

Tgt Ion: 75 Resp: 2105
Ion Ratio Lower Upper
75 100
110 3.4 17.4 52.3#
77 0.0 24.7 37.1#

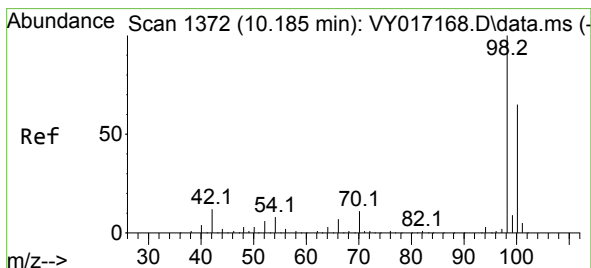
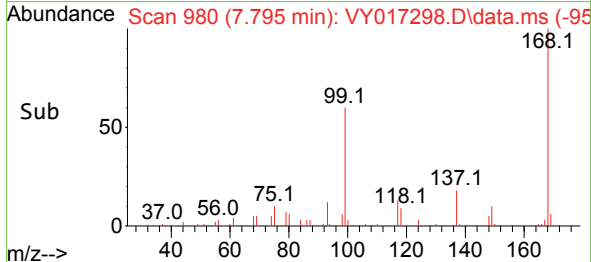
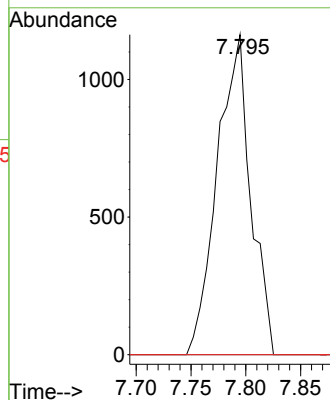
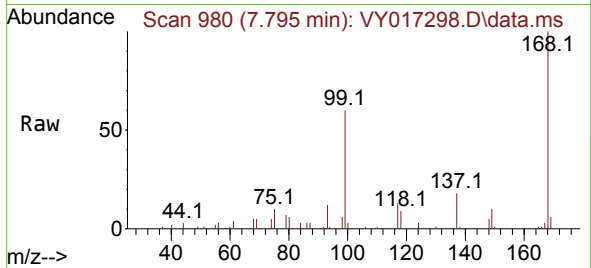




#38
Carbon Tetrachloride
Concen: 7.522 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY017298.D
Acq: 07 Feb 2024 18:48

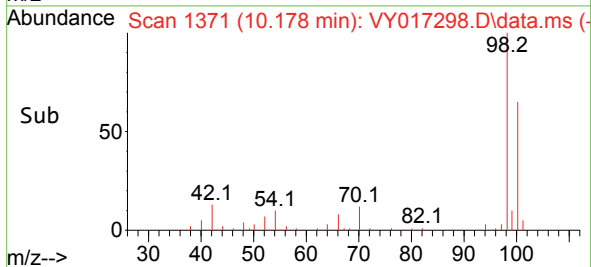
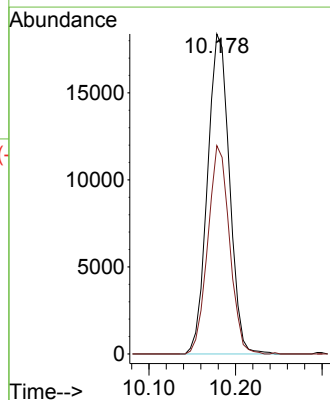
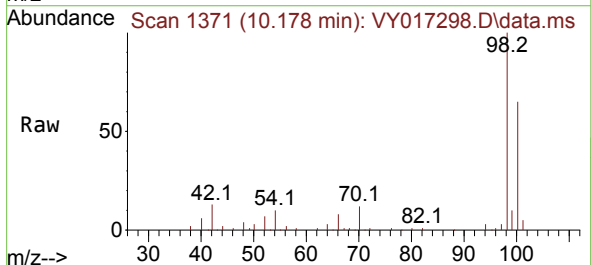
Instrument :
MSVOA_Y
ClientSampleId :
SP-2

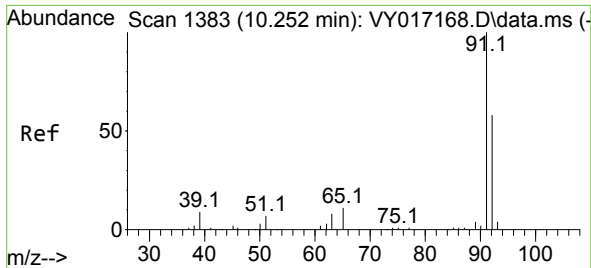
Tgt Ion:117 Resp: 2465
Ion Ratio Lower Upper
117 100
119 0.0 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 44.746 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY017298.D
Acq: 07 Feb 2024 18:48

Tgt Ion: 98 Resp: 32328
Ion Ratio Lower Upper
98 100
100 64.4 52.3 78.5

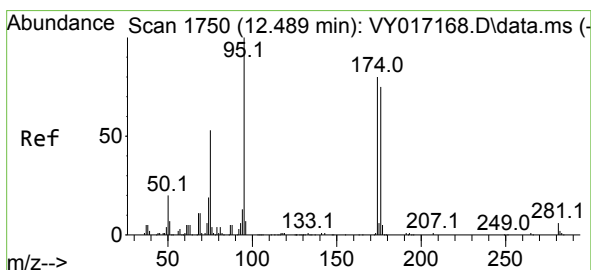
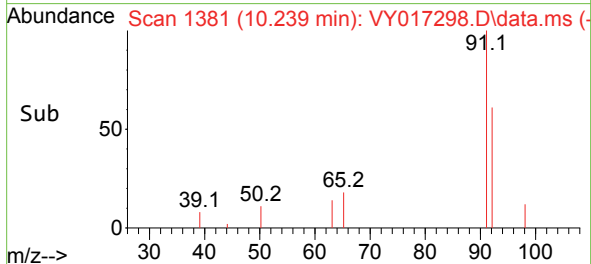
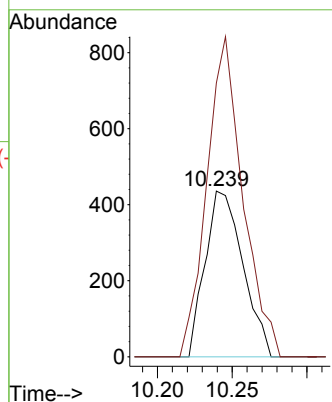
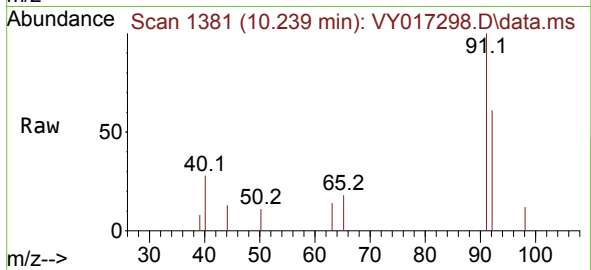




#52
Toluene
Concen: 1.295 ug/l
RT: 10.239 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY017298.D
Acq: 07 Feb 2024 18:48

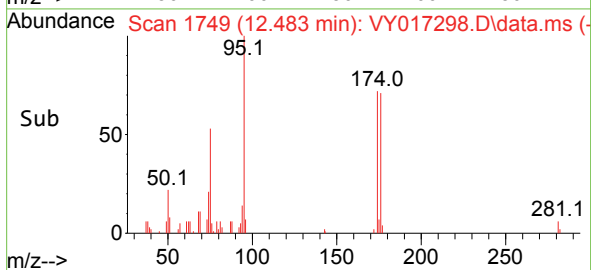
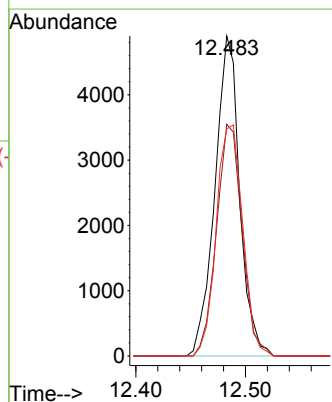
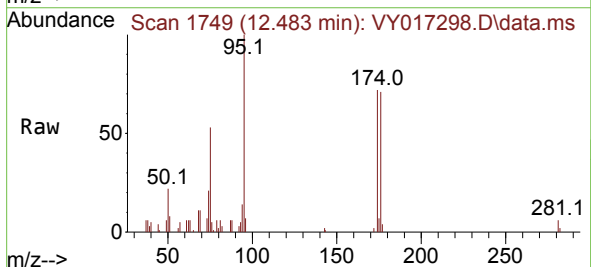
Instrument :
MSVOA_Y
ClientSampleId :
SP-2

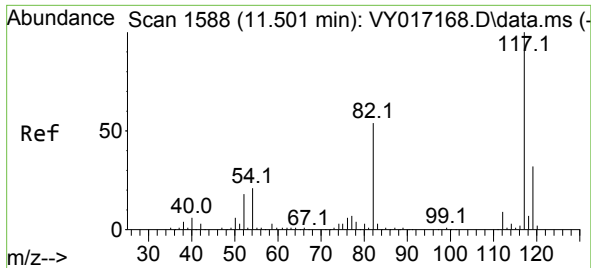
Tgt Ion: 92 Resp: 764
Ion Ratio Lower Upper
92 100
91 184.3 137.6 206.4



#62
4-Bromofluorobenzene
Concen: 32.488 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY017298.D
Acq: 07 Feb 2024 18:48

Tgt Ion: 95 Resp: 7689
Ion Ratio Lower Upper
95 100
174 74.8 0.0 160.0
176 77.0 0.0 151.8

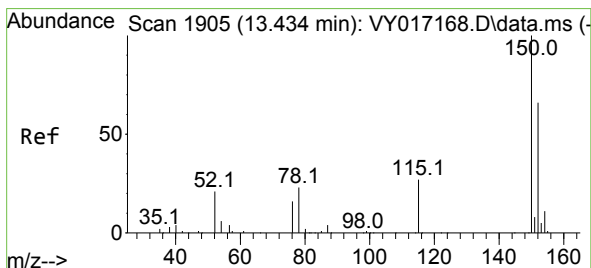
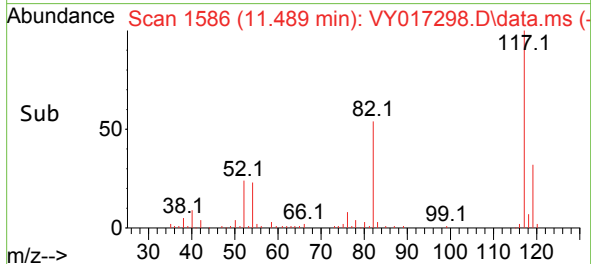
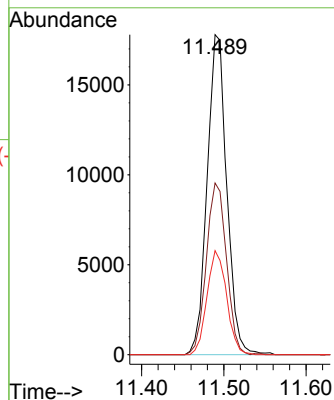
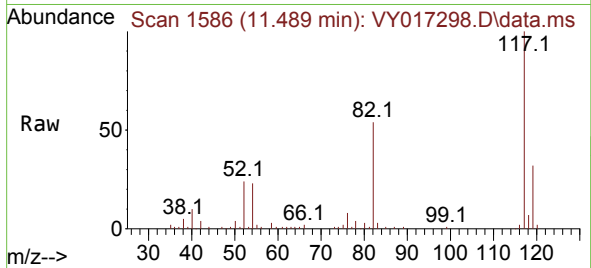




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY017298.D
Acq: 07 Feb 2024 18:48

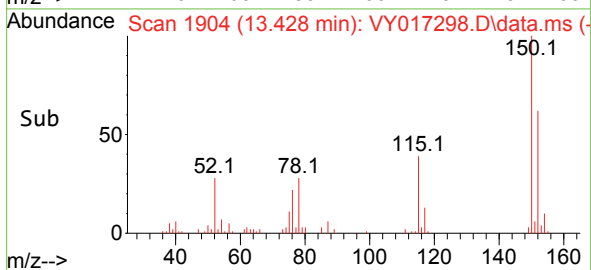
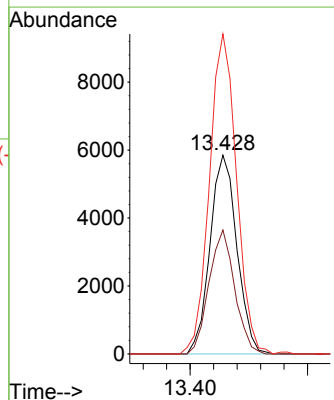
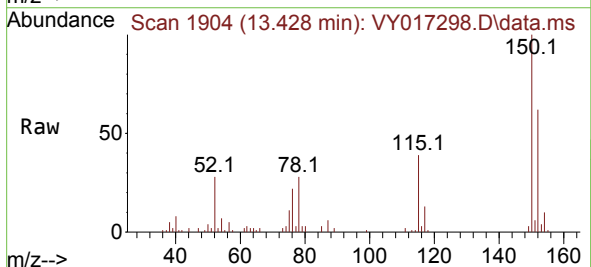
Instrument :
MSVOA_Y
ClientSampleId :
SP-2

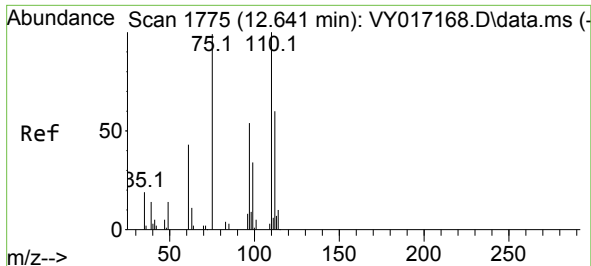
Tgt Ion:117 Resp: 29563
Ion Ratio Lower Upper
117 100
82 53.7 43.8 65.8
119 32.5 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY017298.D
Acq: 07 Feb 2024 18:48

Tgt Ion:152 Resp: 9284
Ion Ratio Lower Upper
152 100
115 59.6 30.0 90.0
150 162.4 0.0 344.6

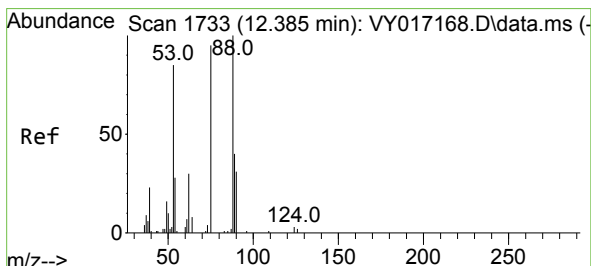
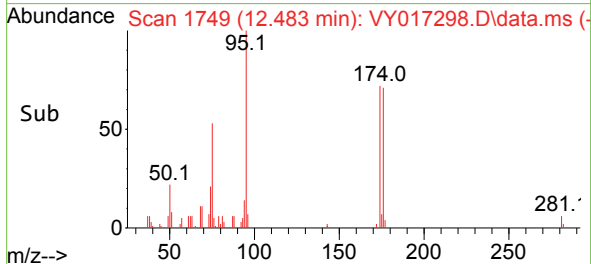
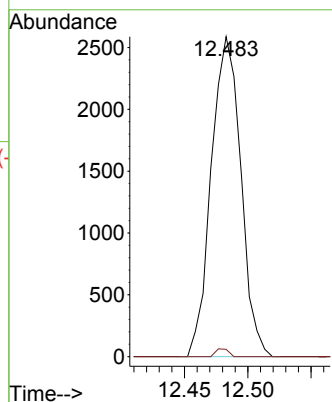
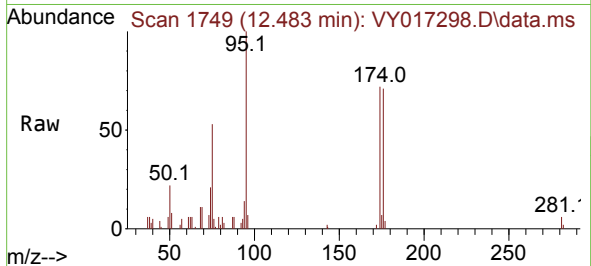




#76
1,2,3-Trichloropropane
Concen: 49.049 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.158 min
Lab File: VY017298.D
Acq: 07 Feb 2024 18:48

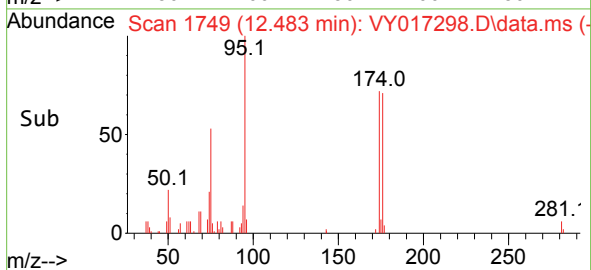
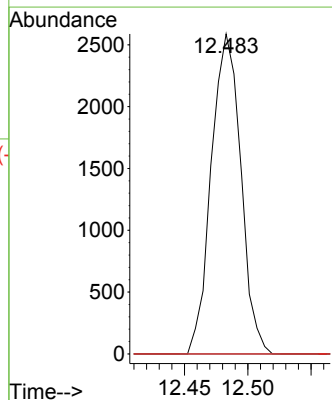
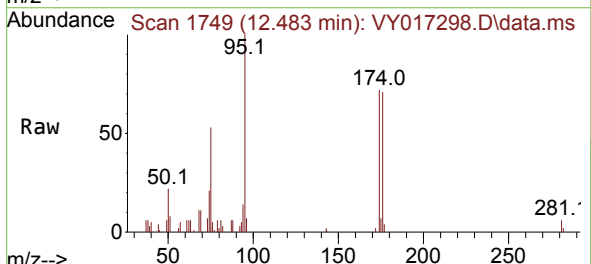
Instrument :
MSVOA_Y
ClientSampleId :
SP-2

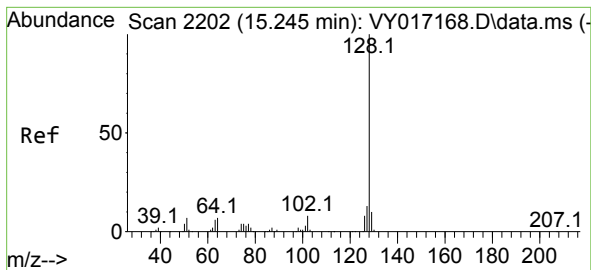
Tgt Ion: 75 Resp: 4203
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.917 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY017298.D
Acq: 07 Feb 2024 18:48

Tgt Ion: 75 Resp: 4203
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#





#95

Naphthalene

Concen: 3.673 ug/l

RT: 15.245 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY017298.D

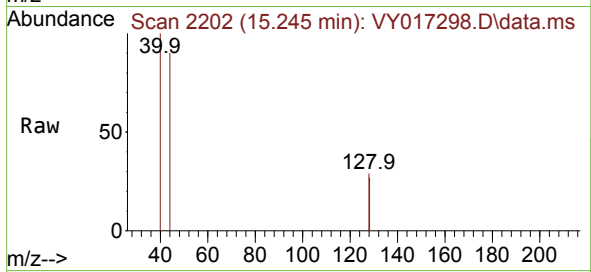
Acq: 07 Feb 2024 18:48

Instrument :

MSVOA_Y

ClientSampleId :

SP-2



Tgt Ion:128 Resp: 66

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.4#

129 0.0 8.6 12.8#

