

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022724\
 Data File : VY017498.D
 Acq On : 27 Feb 2024 15:53
 Operator : SY/MD
 Sample : P1564-17RE
 Misc : 3.41g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LKWD-BACKFILL-17

Quant Time: Feb 28 00:17:27 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)

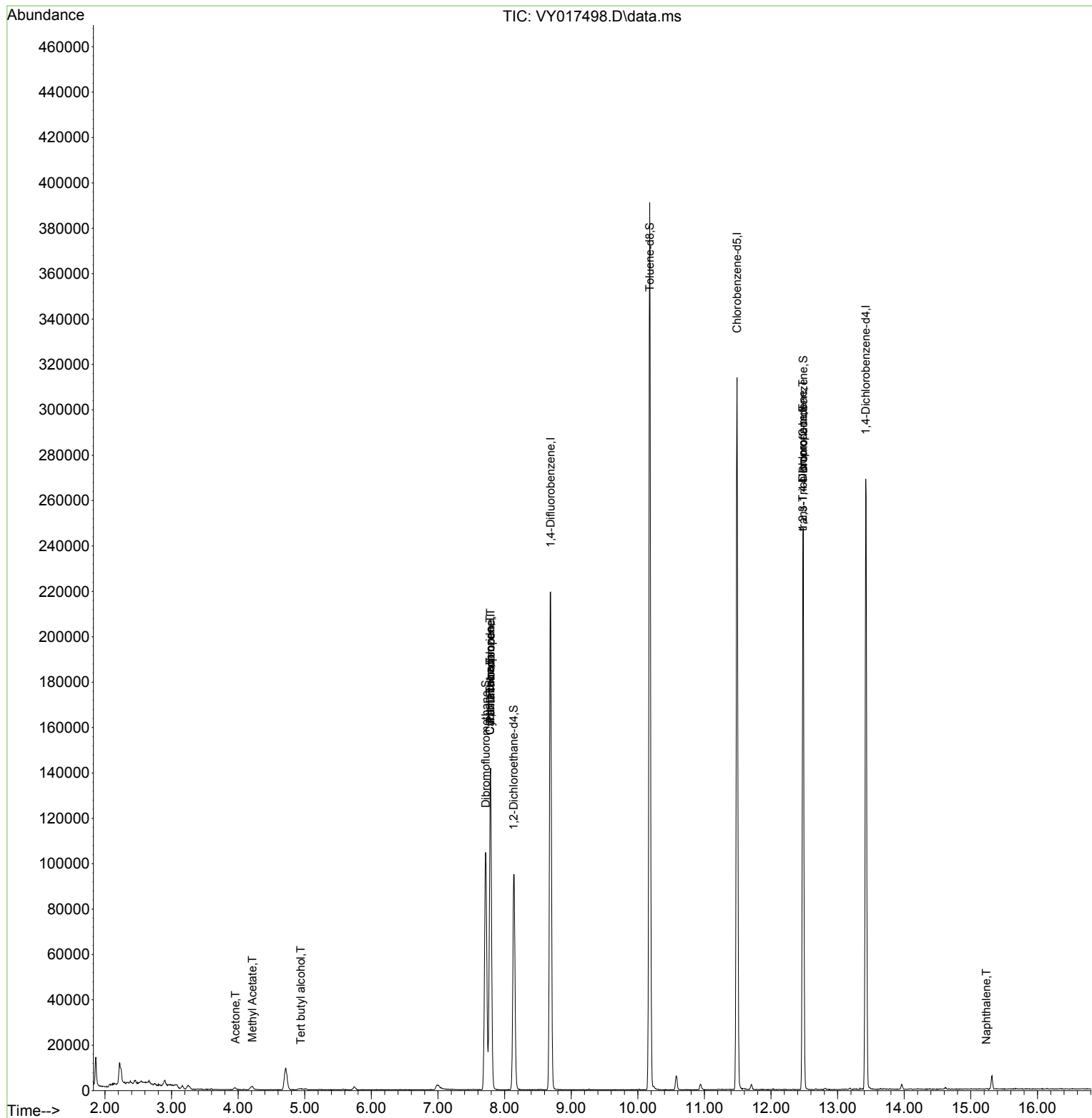
Internal Standards						
1) Pentafluorobenzene	7.789	168	116249	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	205902	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	180162	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	74122	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	69463	63.049	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.100%	
35) Dibromofluoromethane	7.716	113	76648	53.421	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.840%	
50) Toluene-d8	10.179	98	259522	51.733	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.460%	
62) 4-Bromofluorobenzene	12.483	95	73548	46.651	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 93.300%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	237	2.532	ug/l #	88
16) Acetone	3.960	43	1455	6.809	ug/l #	75
18) Methyl Acetate	4.216	43	580	1.119	ug/l #	46
31) Cyclohexane	7.783	56	2125	1.185	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	8078	4.173	ug/l #	49
38) Carbon Tetrachloride	7.783	117	10726	5.528	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	36682	52.085	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	36682	119.680	ug/l #	16
95) Naphthalene	15.233	128	229	4.005	ug/l #	69

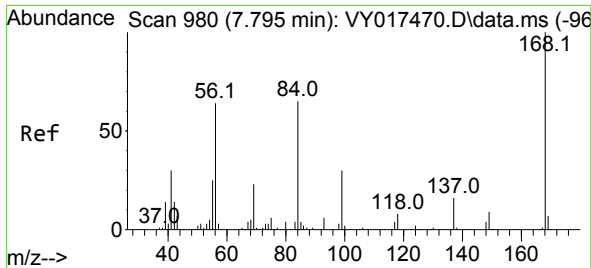
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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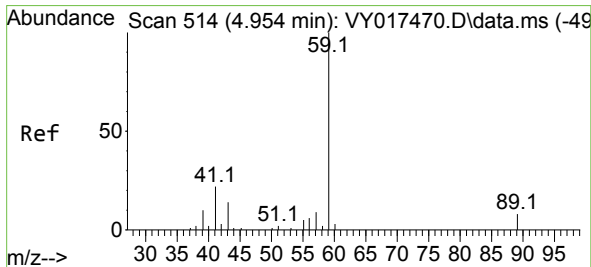
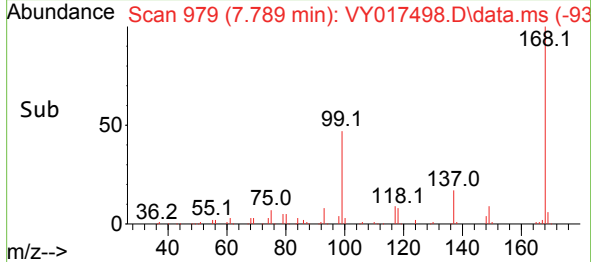
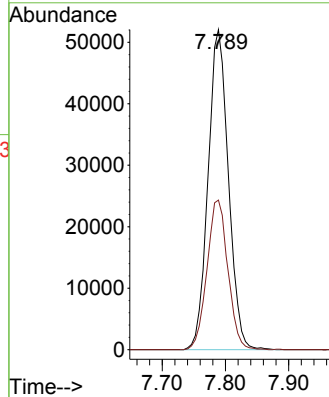
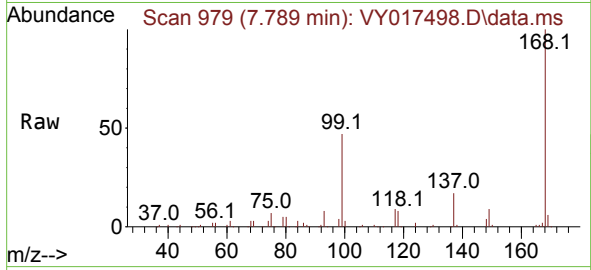




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017498.D
Acq: 27 Feb 2024 15:53

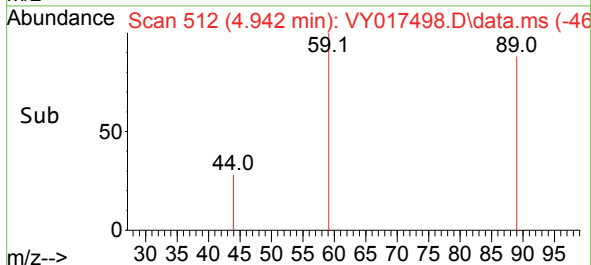
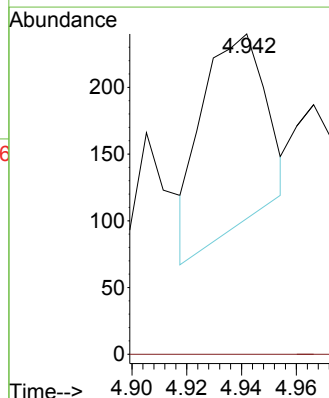
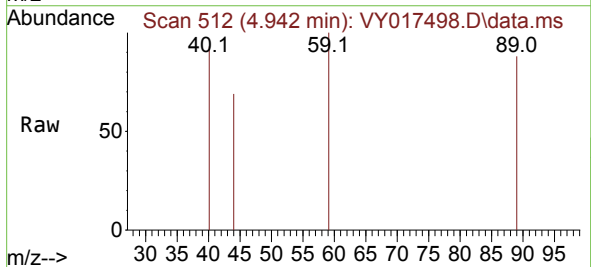
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-17

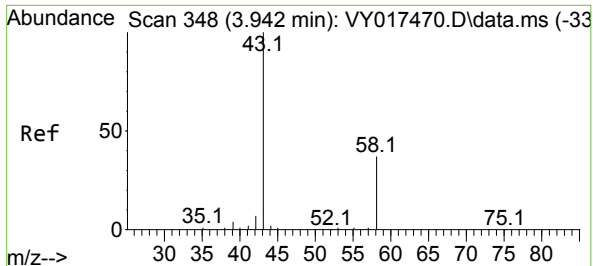
Tgt Ion:168 Resp: 116249
Ion Ratio Lower Upper
168 100
99 46.8 39.1 58.7



#11
Tert butyl alcohol
Concen: 2.532 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.012 min
Lab File: VY017498.D
Acq: 27 Feb 2024 15:53

Tgt Ion: 59 Resp: 237
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

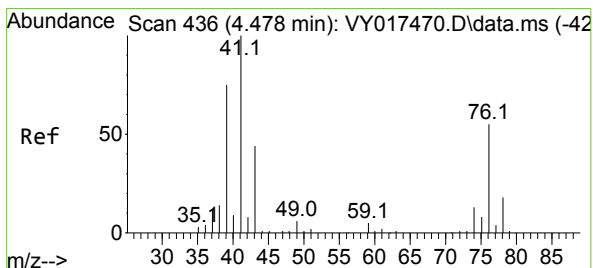
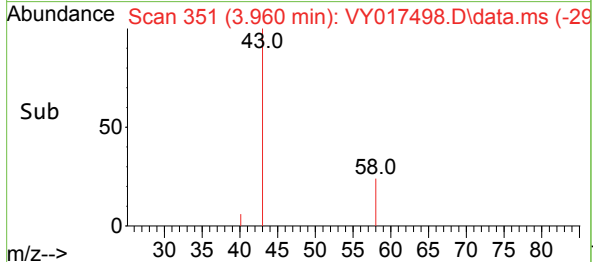
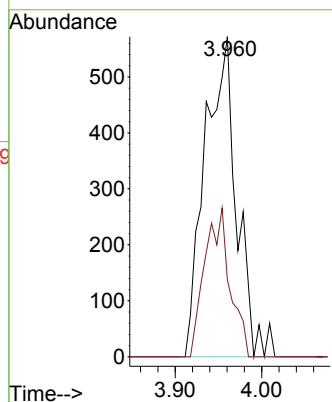
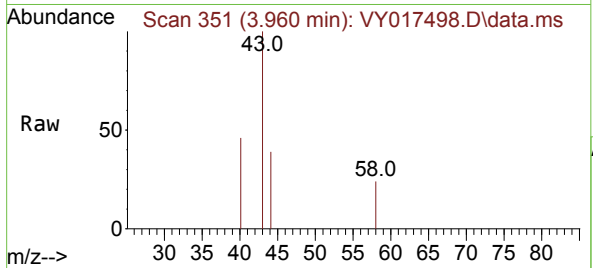




#16
Acetone
Concen: 6.809 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.018 min
Lab File: VY017498.D
Acq: 27 Feb 2024 15:53

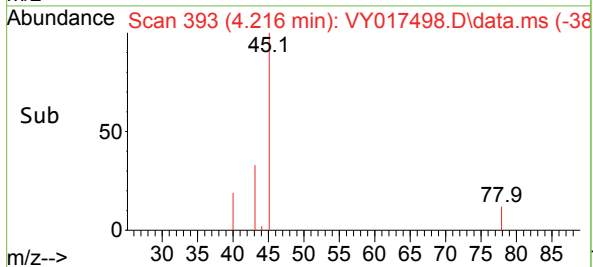
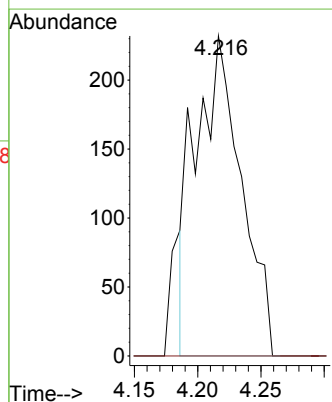
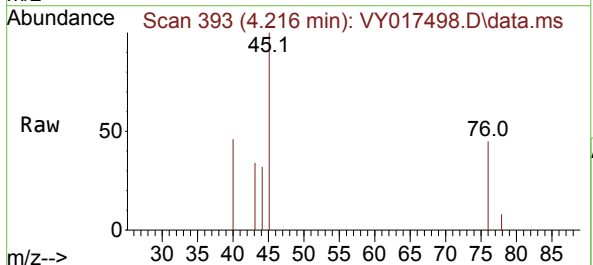
Instrument :
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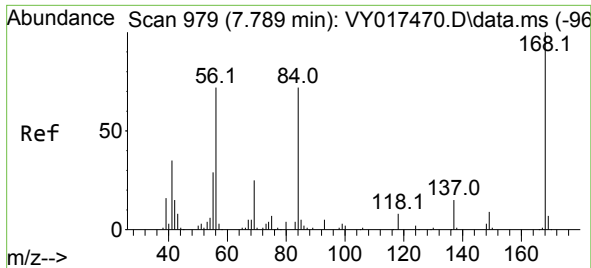
Tgt Ion: 43 Resp: 1455
Ion Ratio Lower Upper
43 100
58 24.0 31.7 47.5#



#18
Methyl Acetate
Concen: 1.119 ug/l
RT: 4.216 min Scan# 393
Delta R.T. -0.262 min
Lab File: VY017498.D
Acq: 27 Feb 2024 15:53

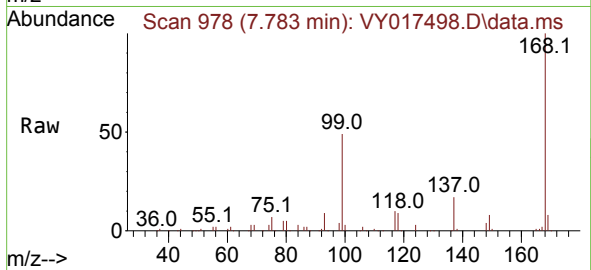
Tgt Ion: 43 Resp: 580
Ion Ratio Lower Upper
43 100
74 0.0 23.3 34.9#



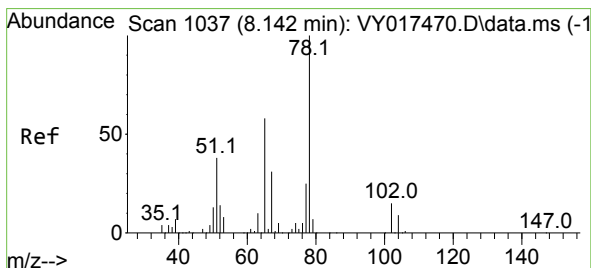
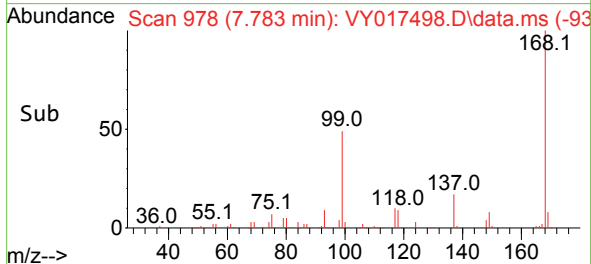
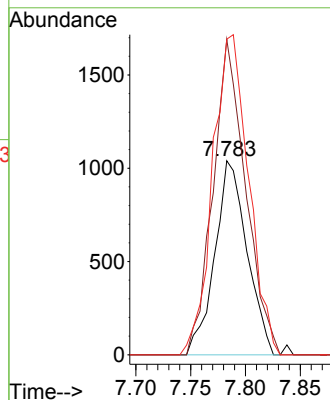


#31
Cyclohexane
Concen: 1.185 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017498.D
Acq: 27 Feb 2024 15:53

Instrument :
MSVOA_Y
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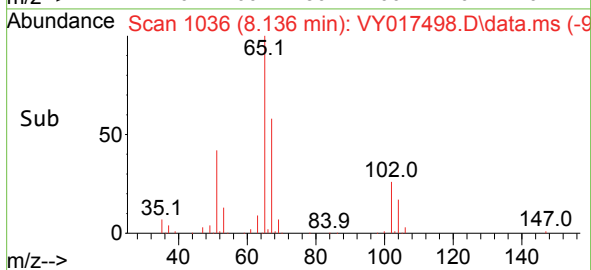
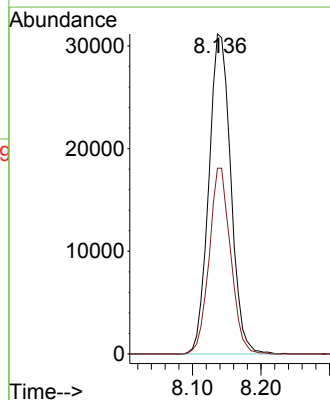
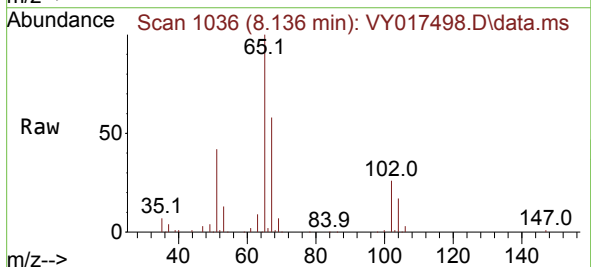


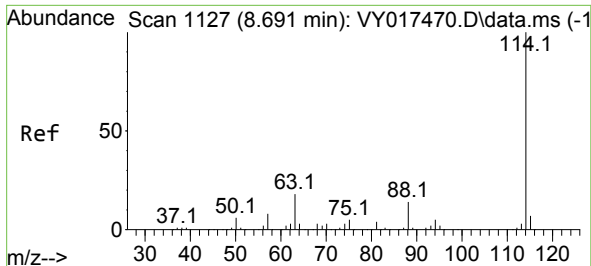
Tgt Ion: 56 Resp: 2125
Ion Ratio Lower Upper
56 100
69 162.6 28.7 43.1#
84 162.7 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 63.049 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY017498.D
Acq: 27 Feb 2024 15:53

Tgt Ion: 65 Resp: 69463
Ion Ratio Lower Upper
65 100
67 56.6 0.0 109.6

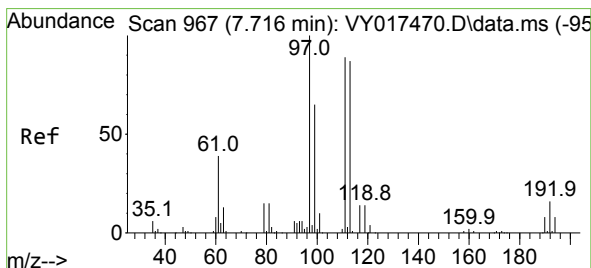
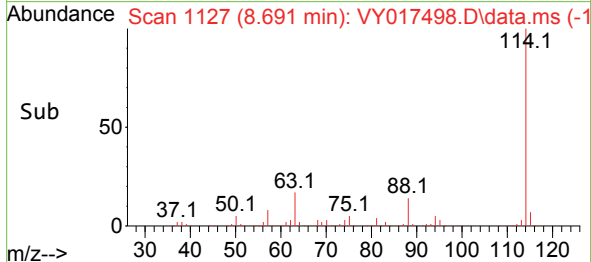
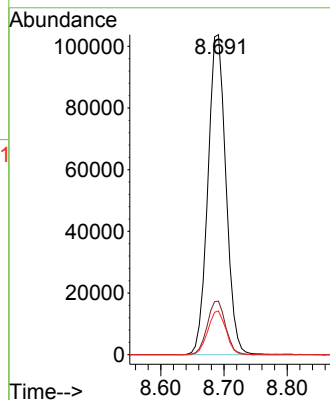
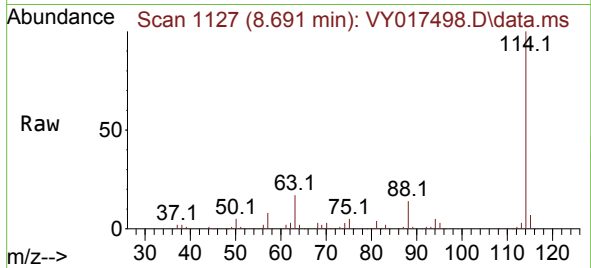




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY017498.D
Acq: 27 Feb 2024 15:53

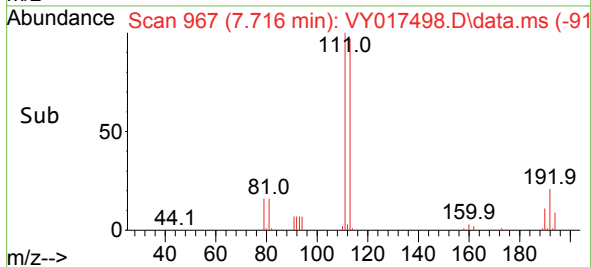
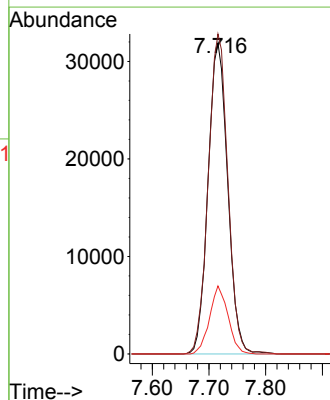
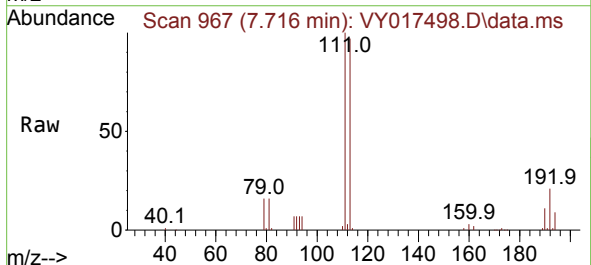
Instrument :
MSVOA_Y
ClientSampleId :
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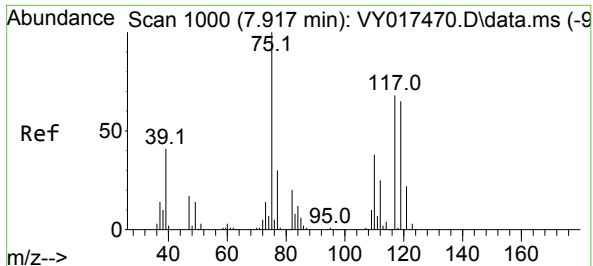
Tgt Ion:114 Resp: 205902
Ion Ratio Lower Upper
114 100
63 16.7 0.0 35.0
88 13.6 0.0 27.2



#35
Dibromofluoromethane
Concen: 53.421 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY017498.D
Acq: 27 Feb 2024 15:53

Tgt Ion:113 Resp: 76648
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 20.6 15.9 23.9

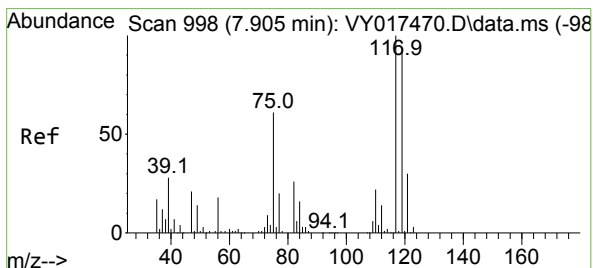
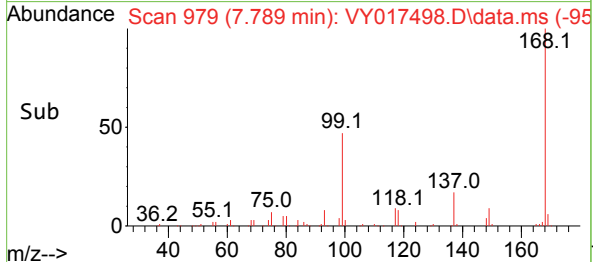
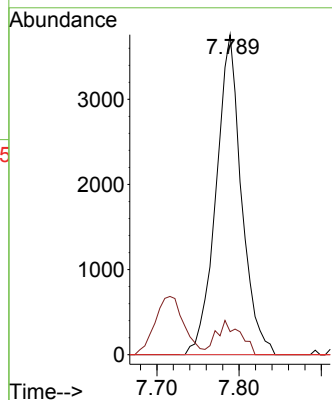
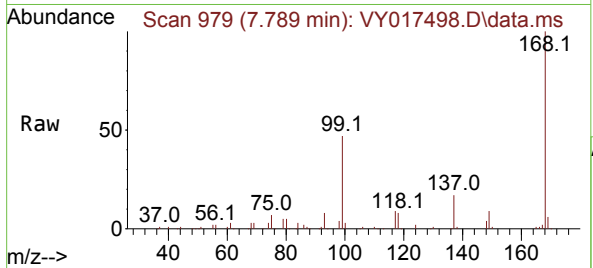




#36
1,1-Dichloropropene
Concen: 4.173 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY017498.D
Acq: 27 Feb 2024 15:53

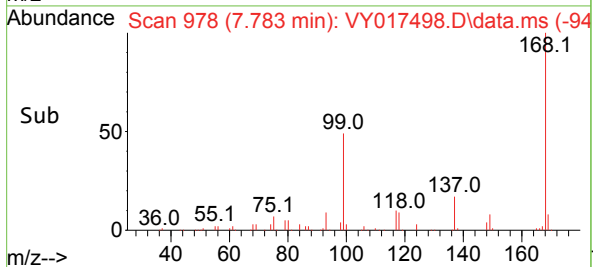
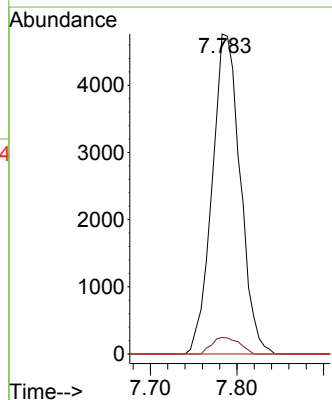
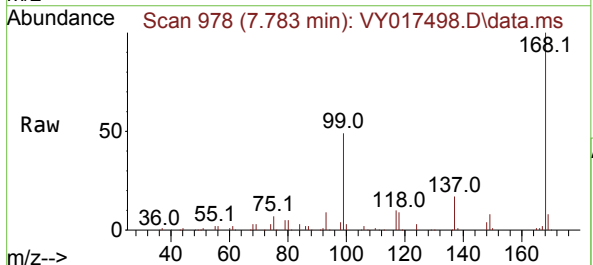
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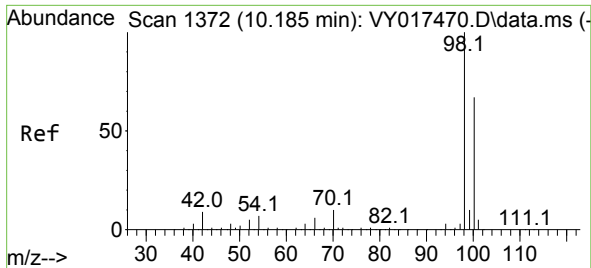
Tgt Ion: 75 Resp: 8078
Ion Ratio Lower Upper
75 100
110 9.8 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.528 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.122 min
Lab File: VY017498.D
Acq: 27 Feb 2024 15:53

Tgt Ion: 117 Resp: 10726
Ion Ratio Lower Upper
117 100
119 5.1 75.8 113.6#
121 0.0 24.0 36.0#

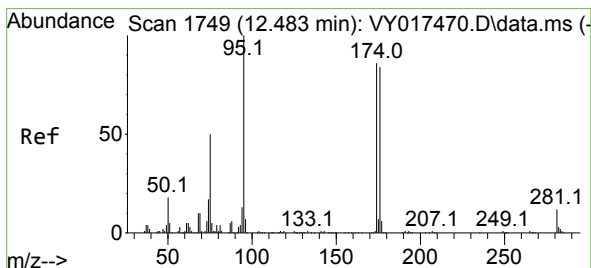
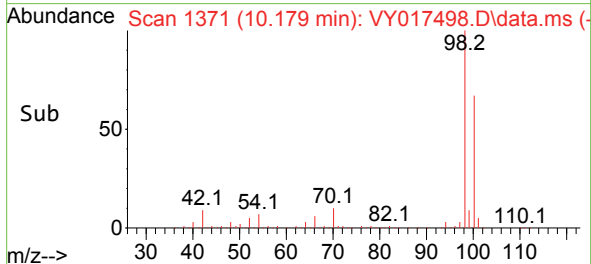
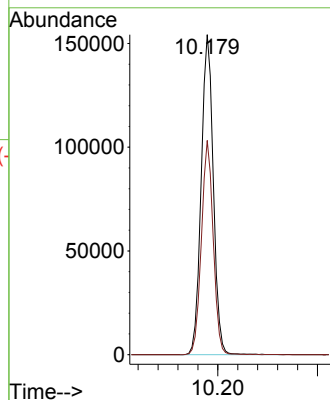
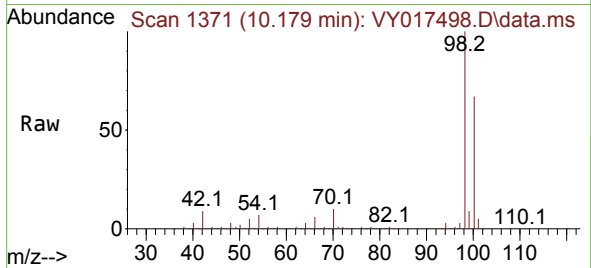




#50
Toluene-d8
Concen: 51.733 ug/l
RT: 10.179 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY017498.D
Acq: 27 Feb 2024 15:53

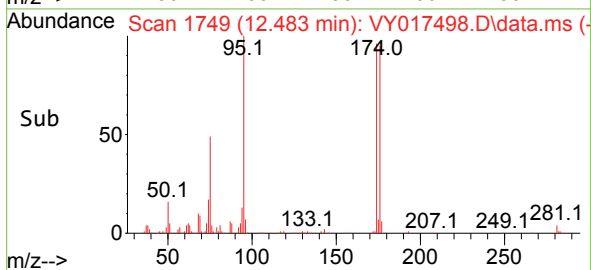
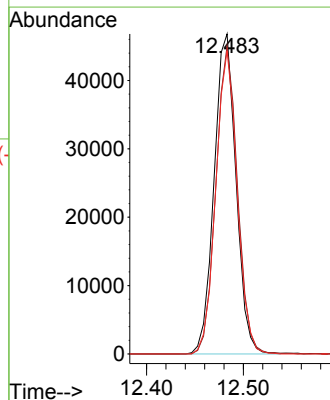
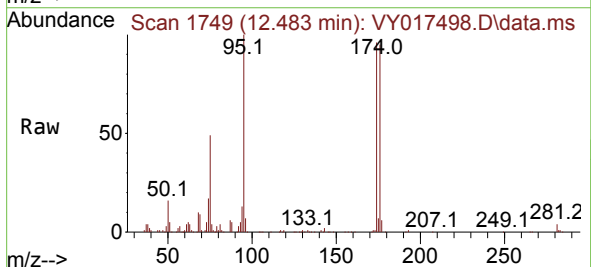
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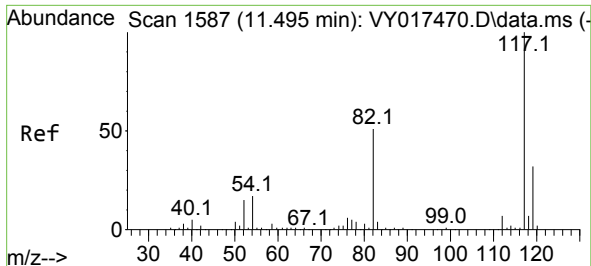
Tgt Ion: 98 Resp: 259522
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.651 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017498.D
Acq: 27 Feb 2024 15:53

Tgt Ion: 95 Resp: 73548
Ion Ratio Lower Upper
95 100
174 94.6 0.0 175.6
176 92.4 0.0 171.4

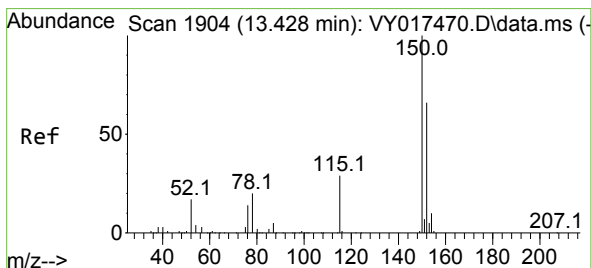
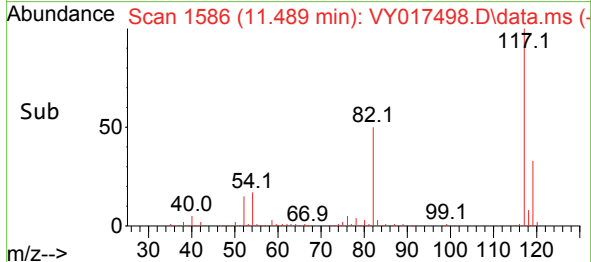
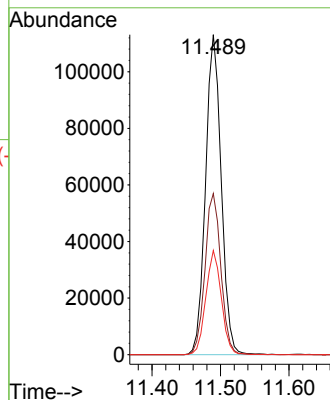
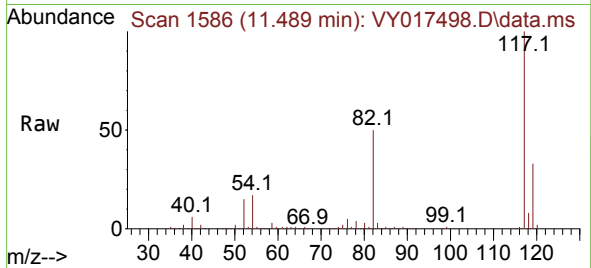




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017498.D
Acq: 27 Feb 2024 15:53

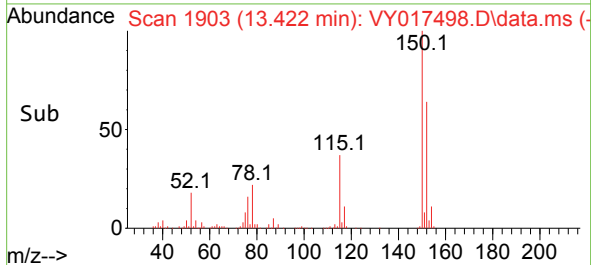
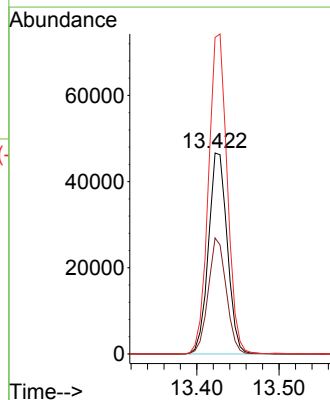
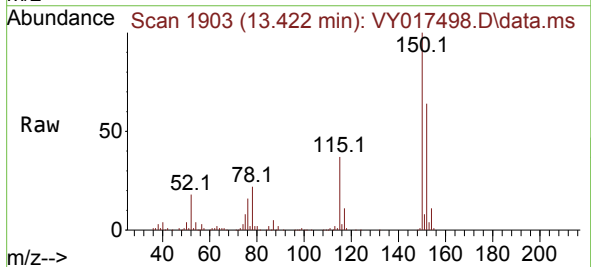
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-17

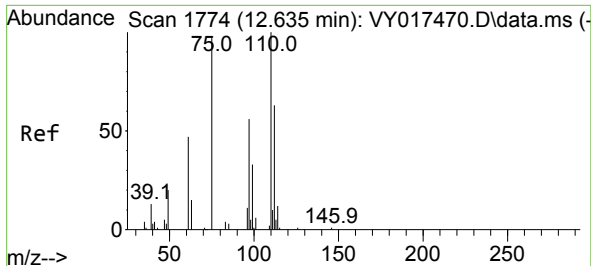
Tgt Ion:117 Resp: 180162
Ion Ratio Lower Upper
117 100
82 50.3 42.4 63.6
119 32.5 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY017498.D
Acq: 27 Feb 2024 15:53

Tgt Ion:152 Resp: 74122
Ion Ratio Lower Upper
152 100
115 55.6 28.2 84.7
150 158.5 0.0 345.6

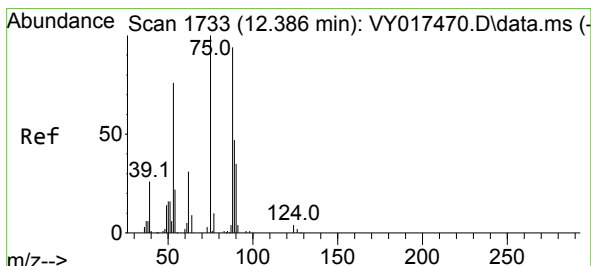
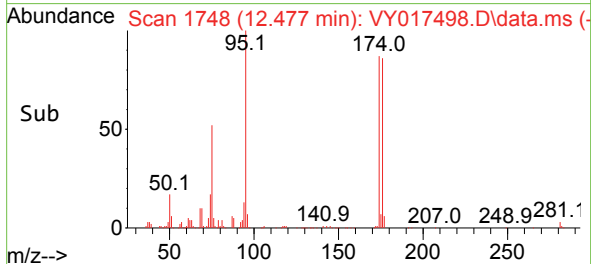
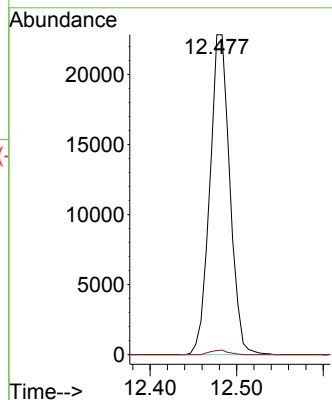
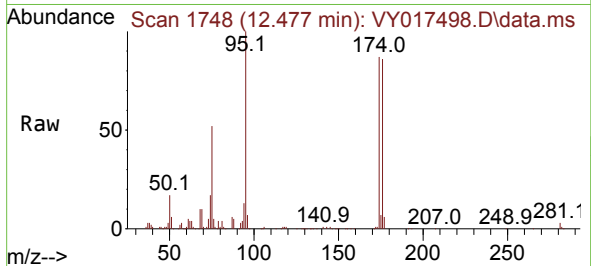




#76
1,2,3-Trichloropropane
Concen: 52.085 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY017498.D
Acq: 27 Feb 2024 15:53

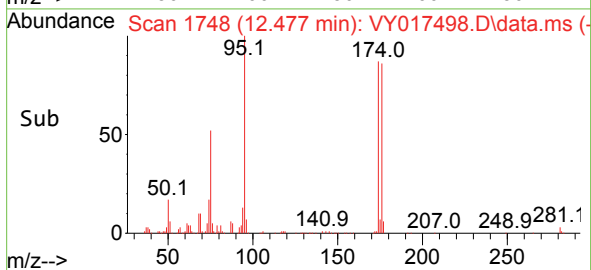
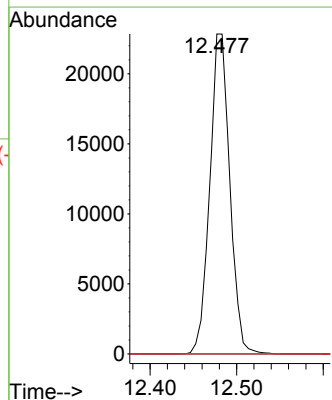
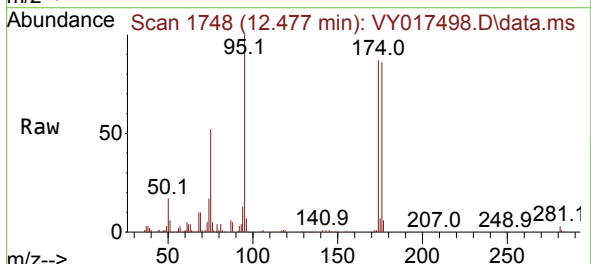
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-17

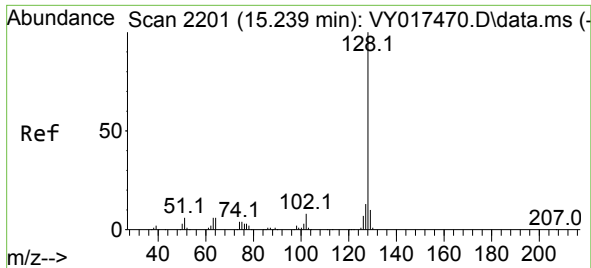
Tgt Ion: 75 Resp: 36682
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 119.680 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.092 min
Lab File: VY017498.D
Acq: 27 Feb 2024 15:53

Tgt Ion: 75 Resp: 36682
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#





#95

Naphthalene

Concen: 4.005 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY017498.D

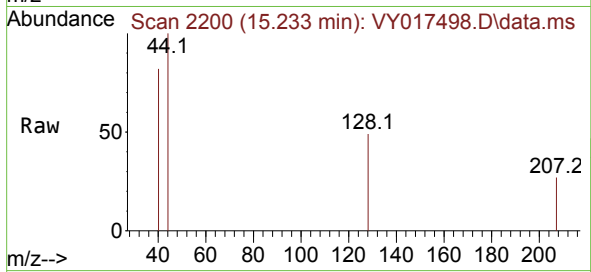
Acq: 27 Feb 2024 15:53

Instrument :

MSVOA_Y

ClientSampleId :

LKWD-BACKFILL-17



Tgt Ion:128 Resp: 229

Ion Ratio Lower Upper

128 100

127 0.0 10.6 16.0#

129 0.0 8.6 13.0#

