

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011724\
 Data File : VY017007.D
 Acq On : 17 Jan 2024 12:01
 Operator : SY/MD
 Sample : VY0117SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 17 15:16:09 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)

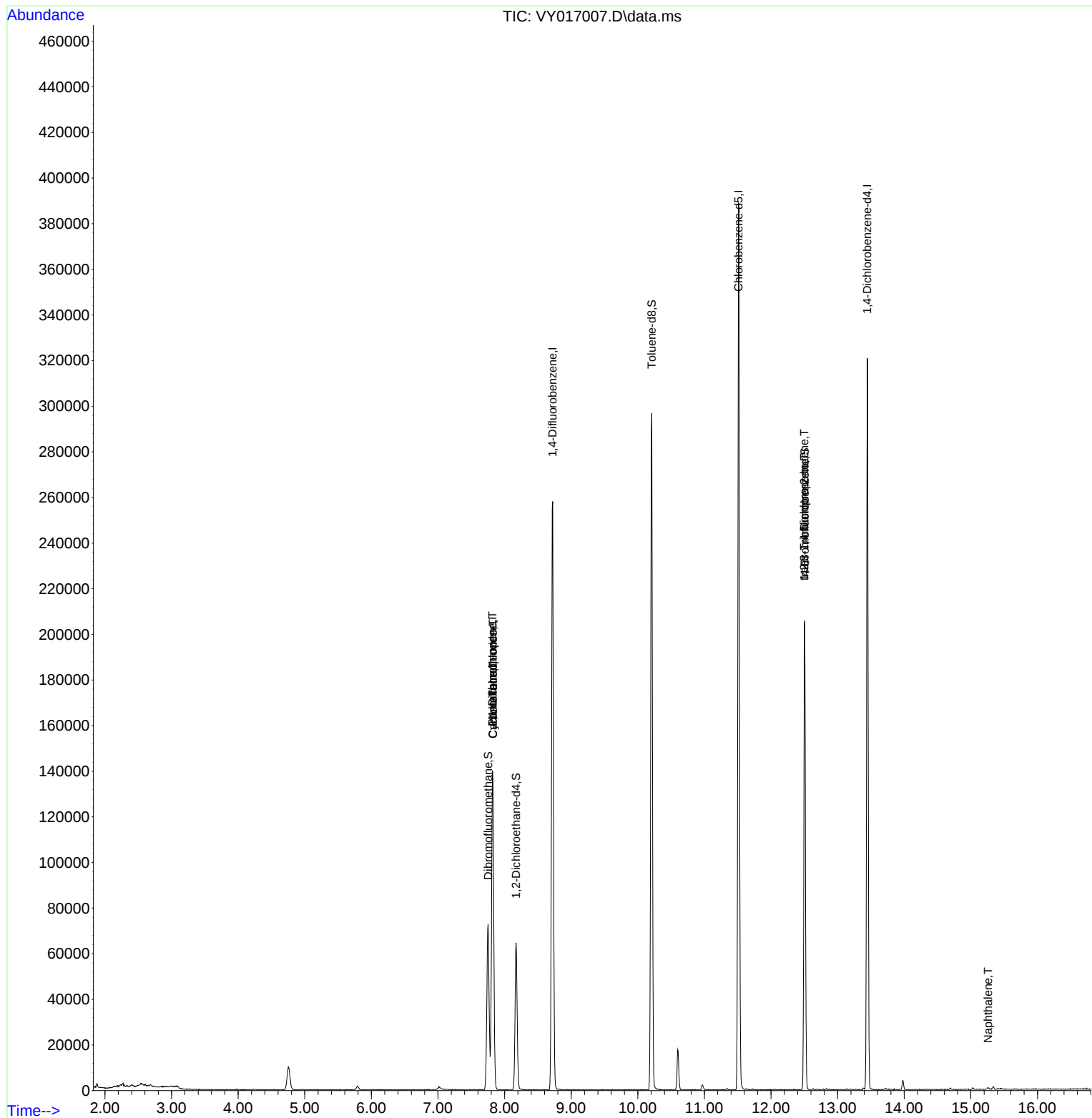
Internal Standards						
1) Pentafluorobenzene	7.819	168	106432	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.722	114	225017	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.514	117	212569	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.447	152	81138	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	49428	46.988	ug/l	0.02
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.980%		
35) Dibromofluoromethane	7.752	113	52574	36.665	ug/l	0.02
Spiked Amount 50.000	Range 54 - 147		Recovery =	73.340%		
50) Toluene-d8	10.209	98	197251	39.949	ug/l	0.02
Spiked Amount 50.000	Range 58 - 134		Recovery =	79.900%		
62) 4-Bromofluorobenzene	12.508	95	62833	37.717	ug/l	0.02
Spiked Amount 50.000	Range 30 - 143		Recovery =	75.440%		
Target Compounds						
11) Tert butyl alcohol	4.985	59	63	Below Cal	#	75
16) Acetone	3.991	43	371	Below Cal	#	41
20) Methylene Chloride	4.753	84	7863	Below Cal		96
25) 2-Butanone	7.021	43	54	Below Cal	#	48
31) Cyclohexane	7.826	56	2224	1.232	ug/l #	1
36) 1,1-Dichloropropene	7.819	75	8802	4.212	ug/l #	49
38) Carbon Tetrachloride	7.826	117	10910	5.139	ug/l #	16
76) 1,2,3-Trichloropropane	12.502	75	33800	38.388	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.502	75	33800	87.168	ug/l #	12
95) Naphthalene	15.257	128	1031	1.034	ug/l #	86

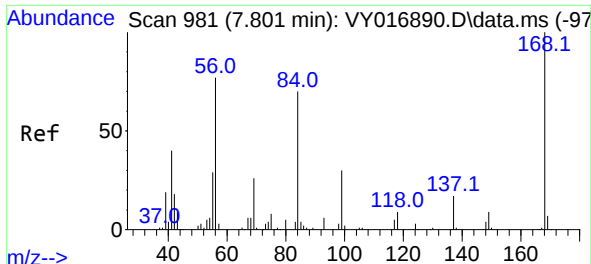
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 17 15:16:09 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

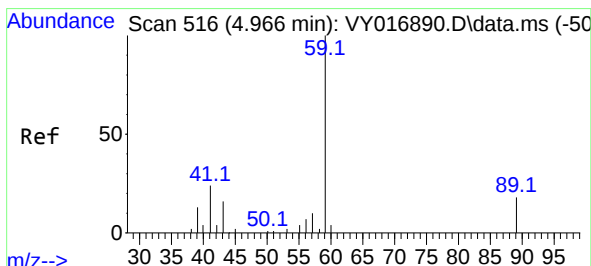
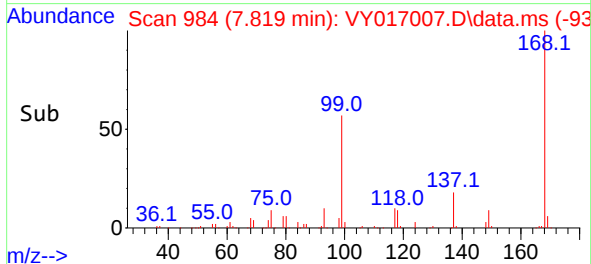
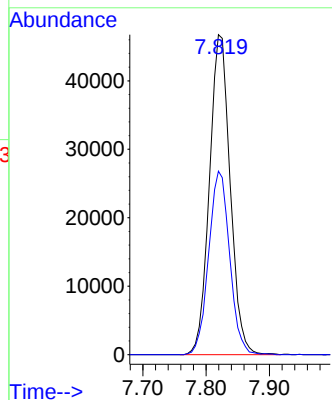
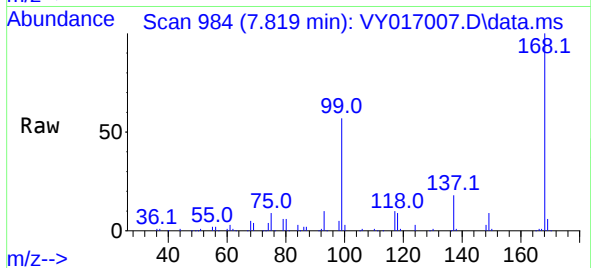




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017007.D
Acq: 17 Jan 2024 12:01

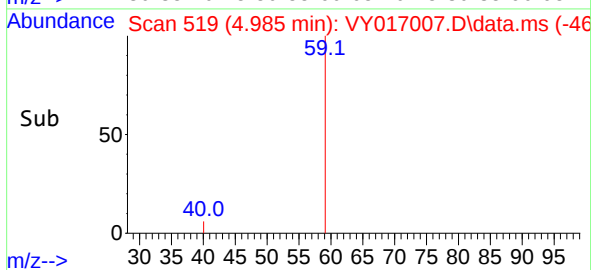
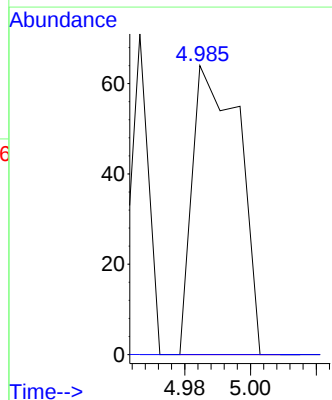
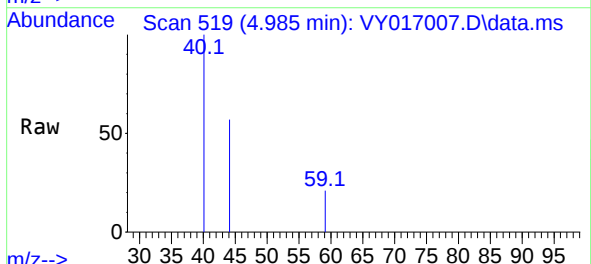
Instrument :
MSVOA_Y
ClientSampleId :

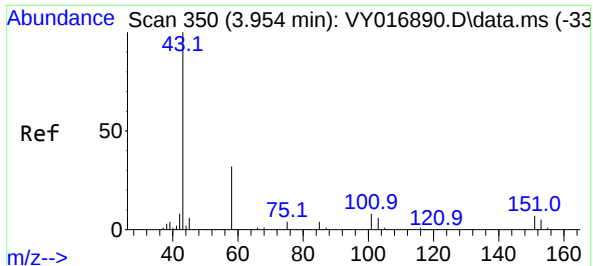
Tgt Ion:168 Resp: 106432
Ion Ratio Lower Upper
168 100
99 57.3 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.985 min Scan# 519
Delta R.T. 0.019 min
Lab File: VY017007.D
Acq: 17 Jan 2024 12:01

Tgt Ion: 59 Resp: 63
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

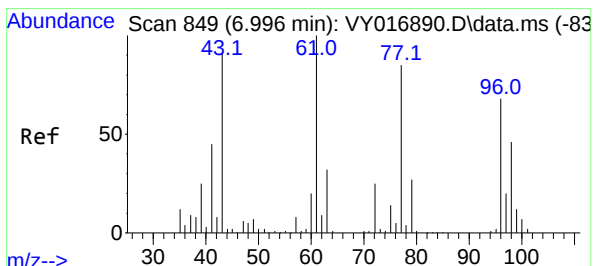
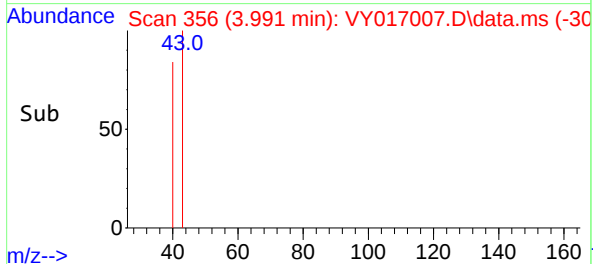
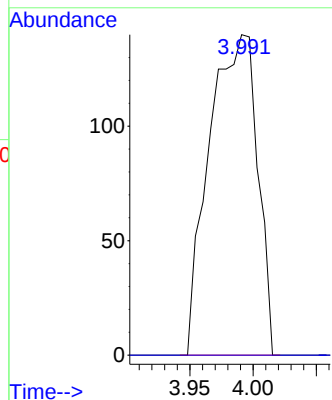
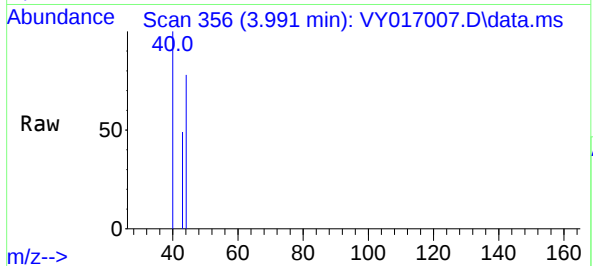




#16
Acetone
Concen: Below Cal
RT: 3.991 min Scan# 31
Delta R.T. 0.031 min
Lab File: VY017007.D
Acq: 17 Jan 2024 12:01

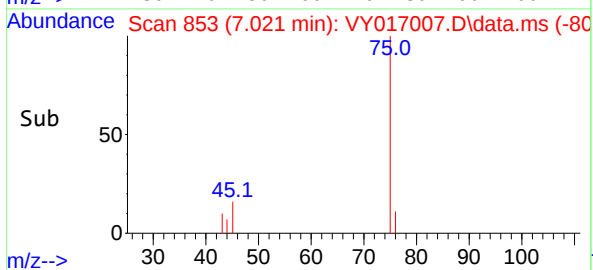
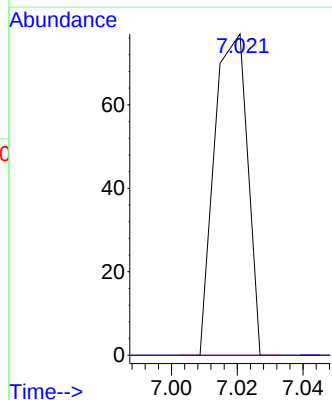
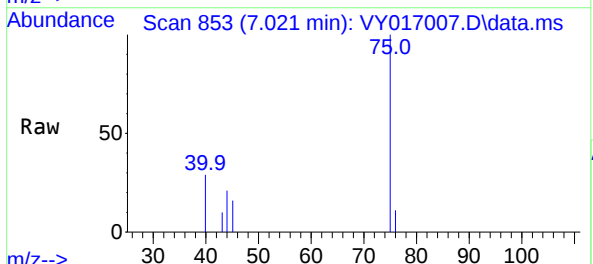
Instrument :
MSVOA_Y
ClientSampleId :

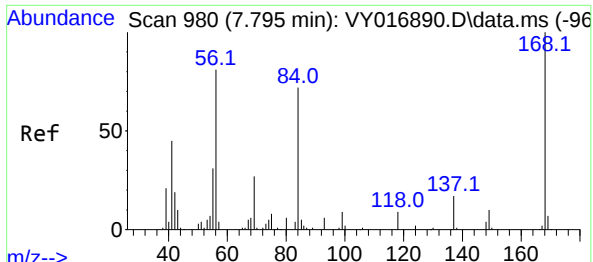
Tgt Ion: 43 Resp: 371
Ion Ratio Lower Upper
43 100
58 0.0 26.6 39.8#



#25
2-Butanone
Concen: Below Cal
RT: 7.021 min Scan# 853
Delta R.T. 0.025 min
Lab File: VY017007.D
Acq: 17 Jan 2024 12:01

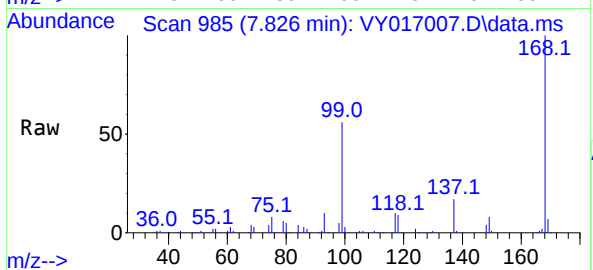
Tgt Ion: 43 Resp: 54
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.2#



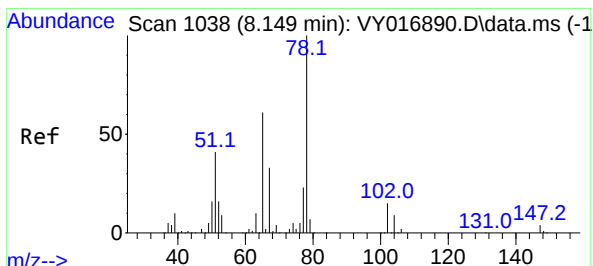
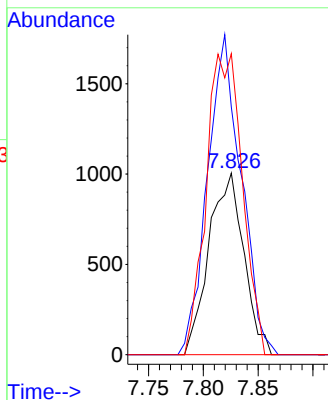
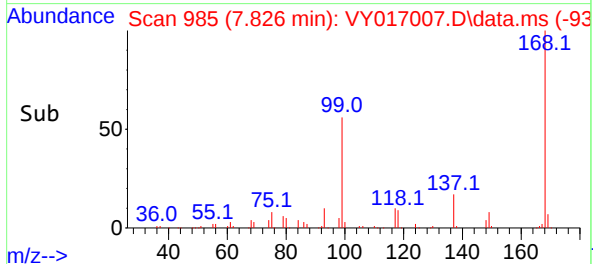


#31
Cyclohexane
Concen: 1.232 ug/l
RT: 7.826 min Scan# 91
Delta R.T. 0.025 min
Lab File: VY017007.D
Acq: 17 Jan 2024 12:01

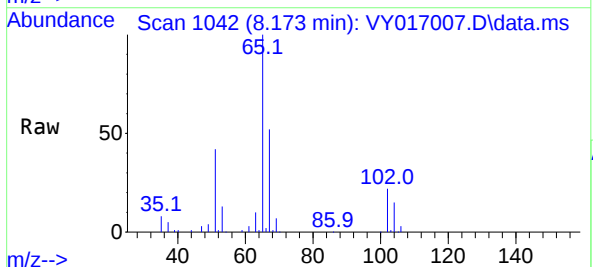
Instrument :
MSVOA_Y
ClientSampleId :



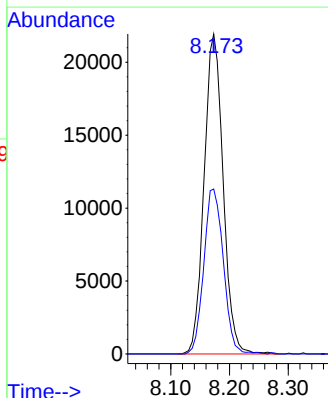
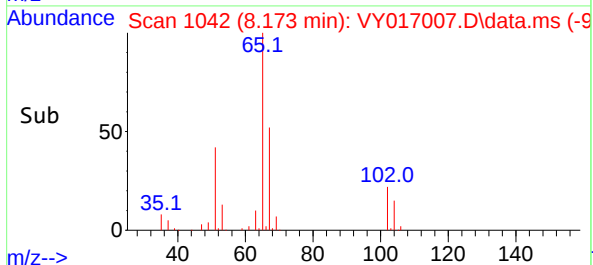
Tgt Ion: 56 Resp: 2224
Ion Ratio Lower Upper
56 100
69 136.4 27.0 40.6#
84 165.7 71.8 107.6#

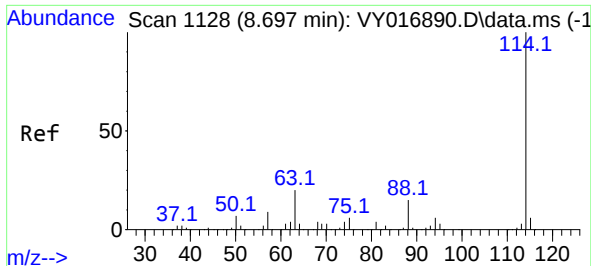


#33
1,2-Dichloroethane-d4
Concen: 46.988 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.018 min
Lab File: VY017007.D
Acq: 17 Jan 2024 12:01



Tgt Ion: 65 Resp: 49428
Ion Ratio Lower Upper
65 100
67 52.9 0.0 109.0

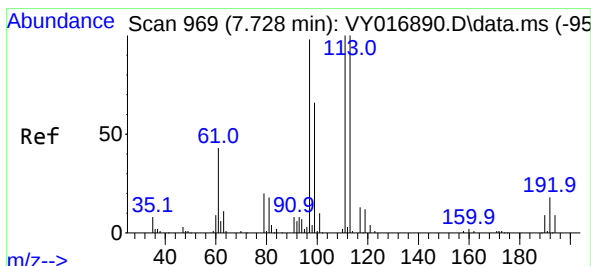
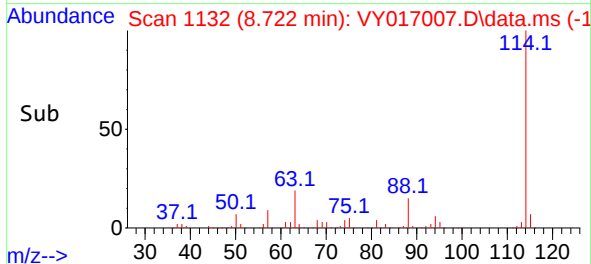
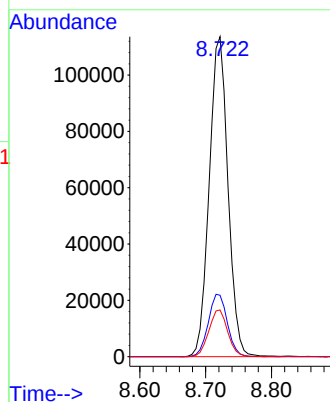
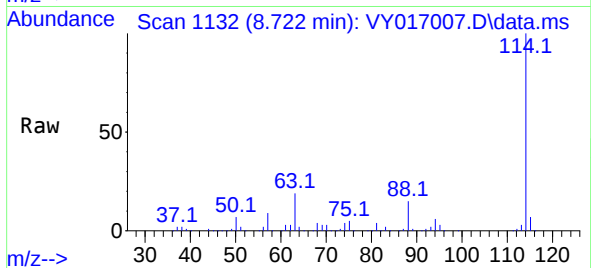




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.722 min Scan# 1128
Delta R.T. 0.019 min
Lab File: VY017007.D
Acq: 17 Jan 2024 12:01

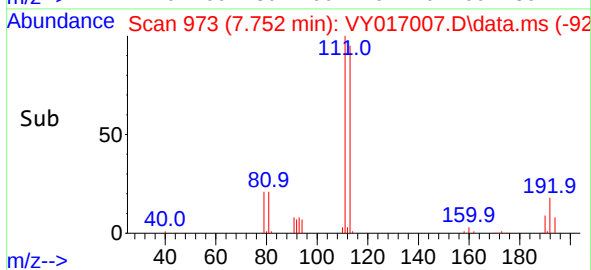
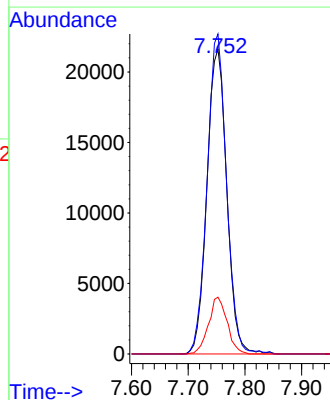
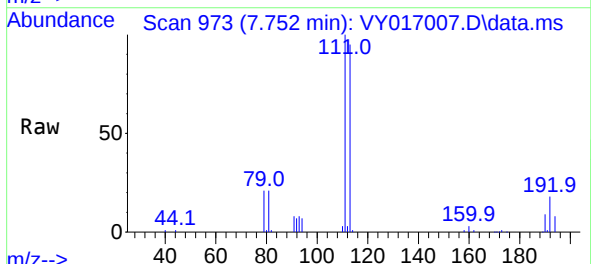
Instrument :
MSVOA_Y
ClientSampleId :

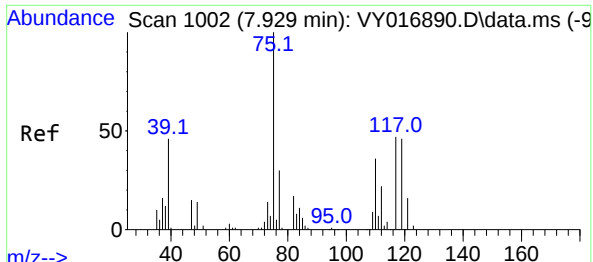
Tgt Ion:114 Resp: 225017
Ion Ratio Lower Upper
114 100
63 19.2 0.0 37.4
88 14.6 0.0 29.0



#35
Dibromofluoromethane
Concen: 36.665 ug/l
RT: 7.752 min Scan# 973
Delta R.T. 0.024 min
Lab File: VY017007.D
Acq: 17 Jan 2024 12:01

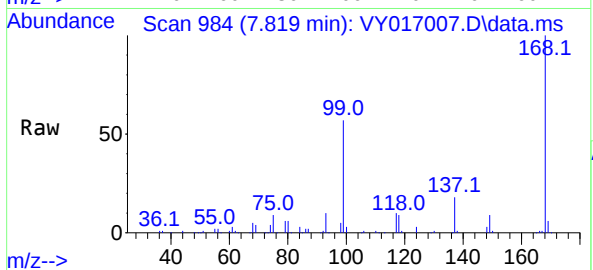
Tgt Ion:113 Resp: 52574
Ion Ratio Lower Upper
113 100
111 102.8 83.8 125.6
192 17.5 14.5 21.7



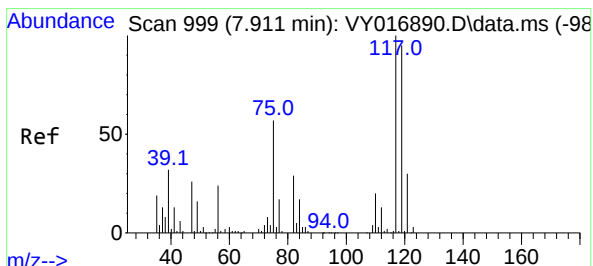
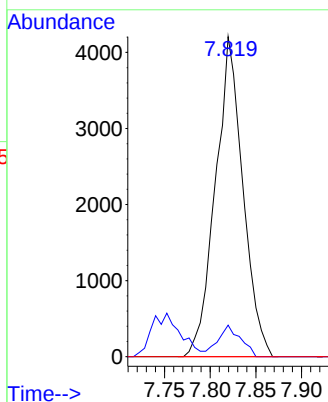
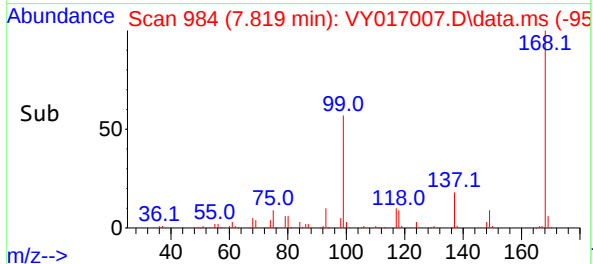


#36
1,1-Dichloropropene
Concen: 4.212 ug/l
RT: 7.819 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY017007.D
Acq: 17 Jan 2024 12:01

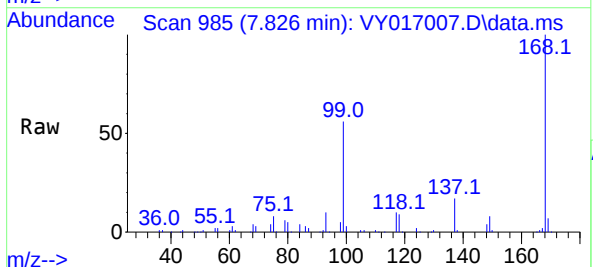
Instrument :
MSVOA_Y
ClientSampleId :



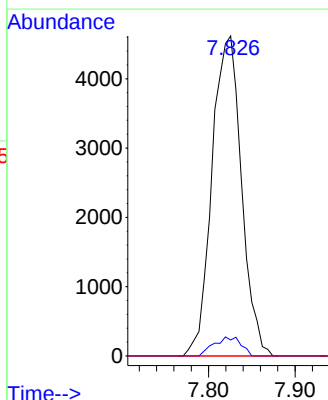
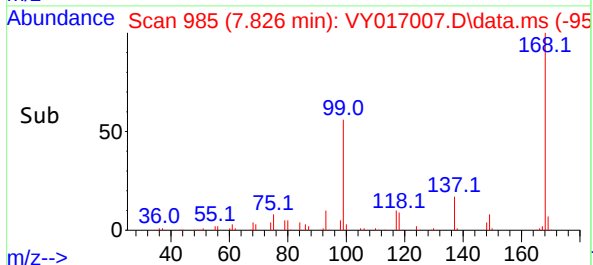
Tgt Ion: 75 Resp: 8802
Ion Ratio Lower Upper
75 100
110 8.2 17.4 52.3#
77 0.0 24.7 37.1#

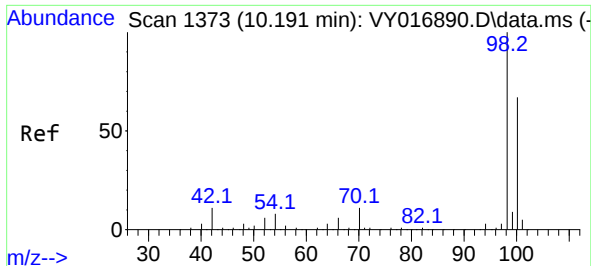


#38
Carbon Tetrachloride
Concen: 5.139 ug/l
RT: 7.826 min Scan# 985
Delta R.T. -0.091 min
Lab File: VY017007.D
Acq: 17 Jan 2024 12:01



Tgt Ion: 117 Resp: 10910
Ion Ratio Lower Upper
117 100
119 5.0 76.0 114.0#
121 0.0 24.2 36.2#

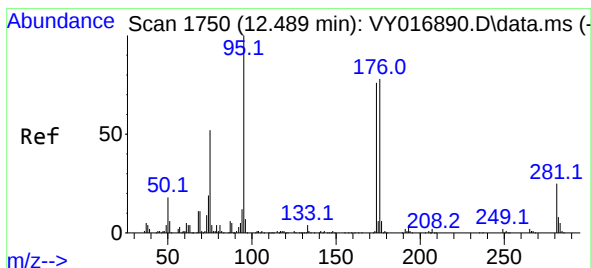
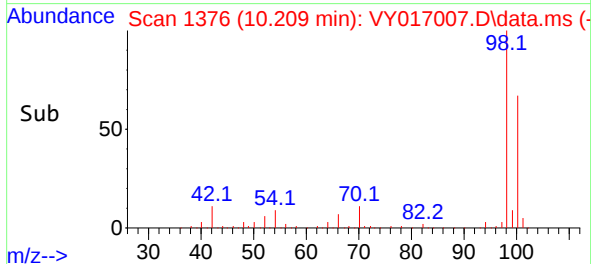
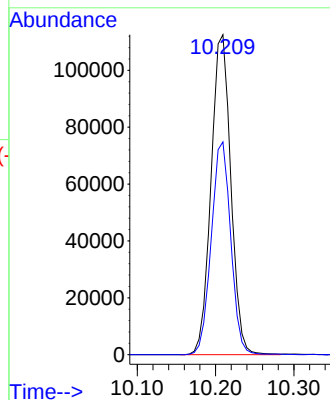
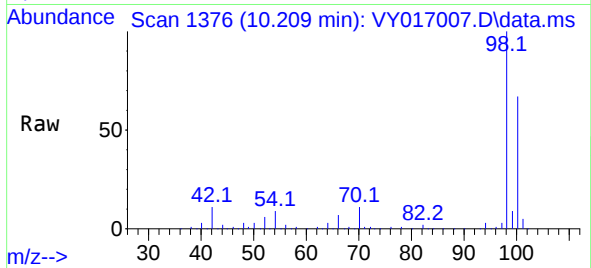




#50
Toluene-d8
Concen: 39.949 ug/l
RT: 10.209 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY017007.D
Acq: 17 Jan 2024 12:01

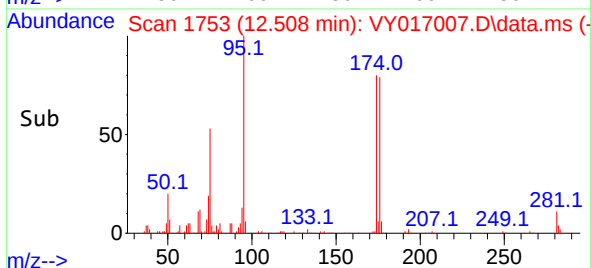
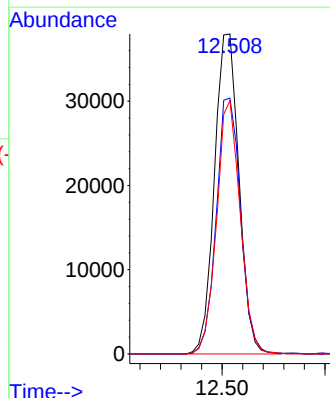
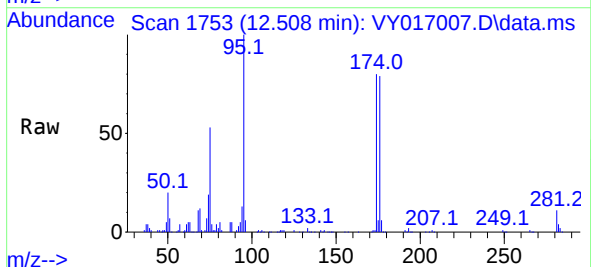
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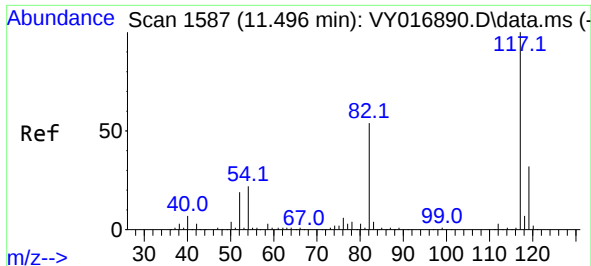
Tgt Ion: 98 Resp: 197251
Ion Ratio Lower Upper
98 100
100 65.6 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 37.717 ug/l
RT: 12.508 min Scan# 1753
Delta R.T. 0.019 min
Lab File: VY017007.D
Acq: 17 Jan 2024 12:01

Tgt Ion: 95 Resp: 62833
Ion Ratio Lower Upper
95 100
174 79.3 0.0 160.0
176 76.1 0.0 151.8

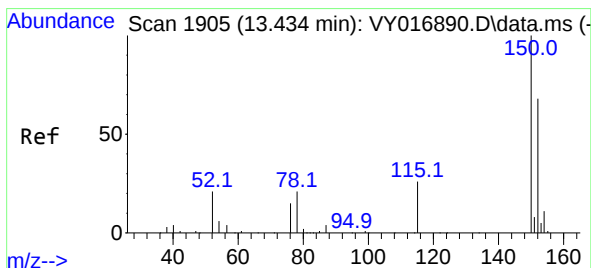
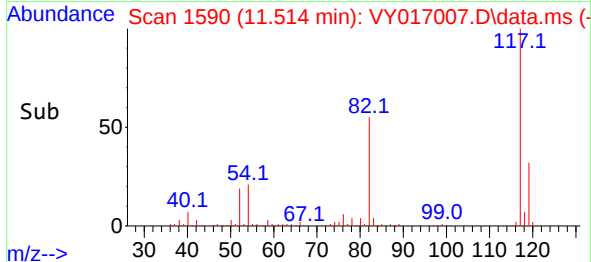
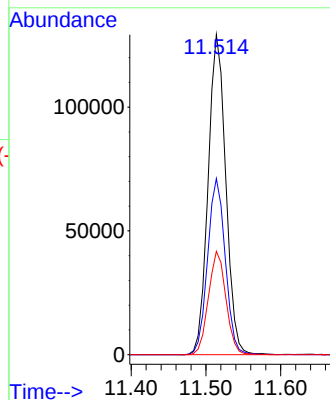
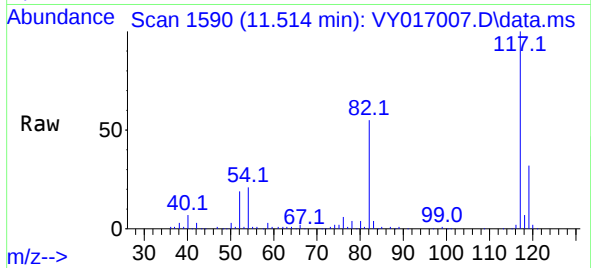




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017007.D
Acq: 17 Jan 2024 12:01

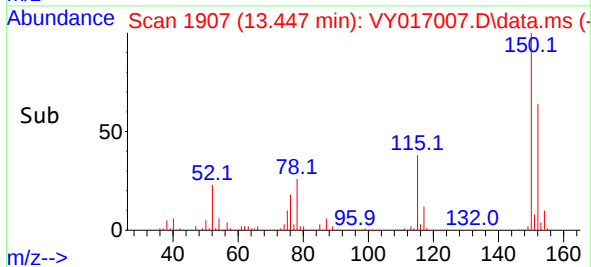
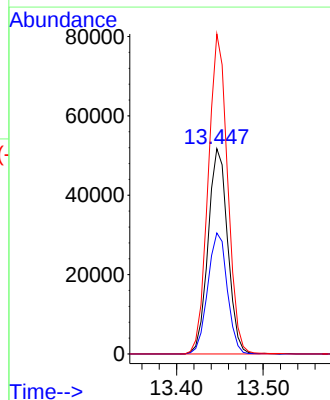
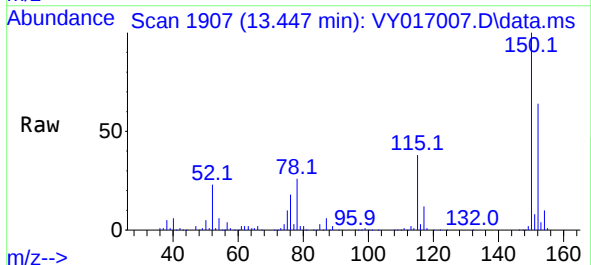
Instrument :
MSVOA_Y
ClientSampleId :

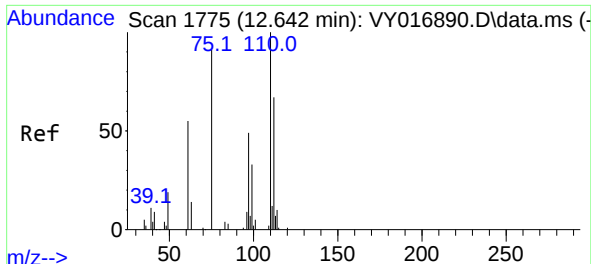
Tgt Ion:117 Resp: 212569
Ion Ratio Lower Upper
117 100
82 55.0 43.8 65.8
119 32.3 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.013 min
Lab File: VY017007.D
Acq: 17 Jan 2024 12:01

Tgt Ion:152 Resp: 81138
Ion Ratio Lower Upper
152 100
115 58.9 30.0 90.0
150 154.7 0.0 344.6

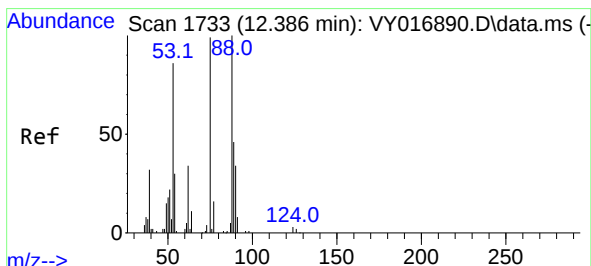
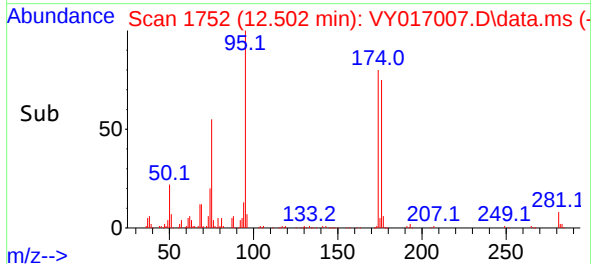
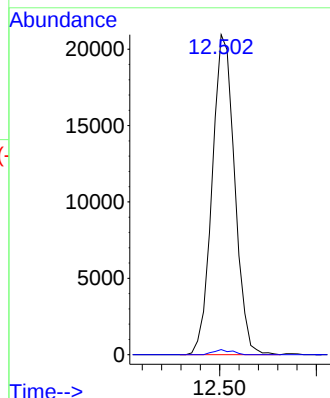
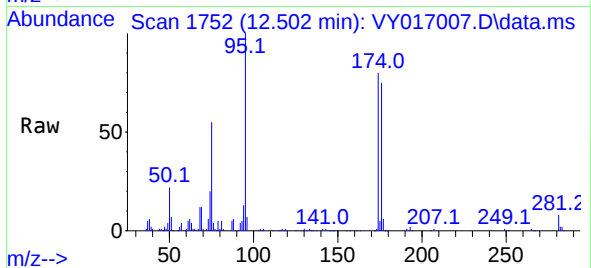




#76
1,2,3-Trichloropropane
Concen: 38.388 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. -0.140 min
Lab File: VY017007.D
Acq: 17 Jan 2024 12:01

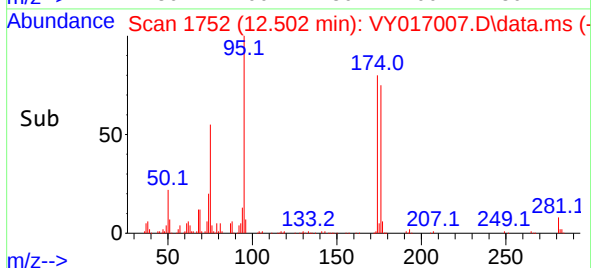
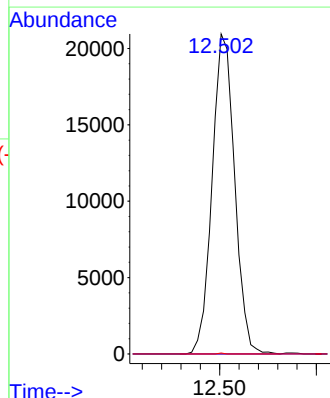
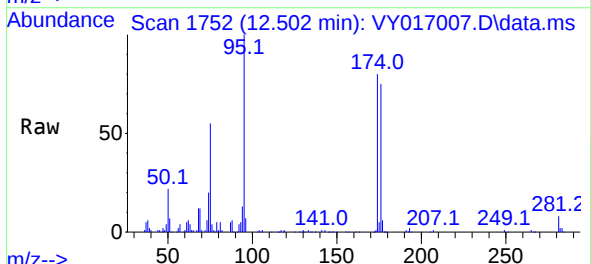
Instrument :
MSVOA_Y
ClientSampleId :

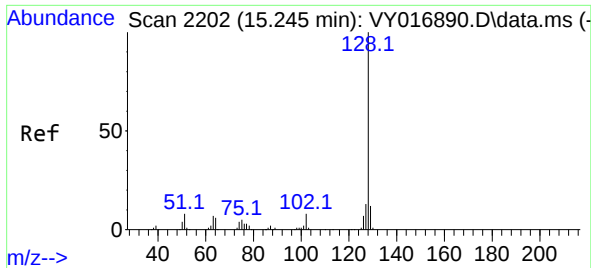
Tgt Ion: 75 Resp: 33800
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.168 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. 0.117 min
Lab File: VY017007.D
Acq: 17 Jan 2024 12:01

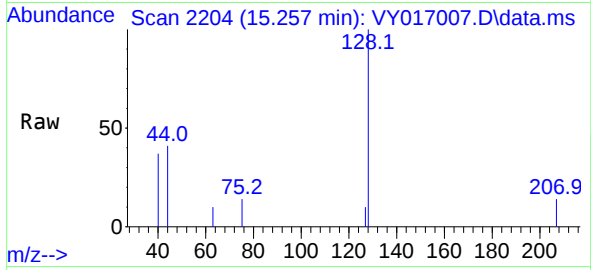
Tgt Ion: 75 Resp: 33800
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.1 36.5 54.7#





#95
Naphthalene
Concen: 1.034 ug/l
RT: 15.257 min Scan# 21
Delta R.T. 0.012 min
Lab File: VY017007.D
Acq: 17 Jan 2024 12:01

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 1031
Ion Ratio Lower Upper
128 100
127 4.8 10.2 15.4#
129 8.3 8.6 12.8#

