

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052623\
 Data File : VY013893.D
 Acq On : 26 May 2023 15:13
 Operator : KP/MD
 Sample : 02869-01RE
 Misc : 4.50g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP18

Quant Time: May 26 16:45:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

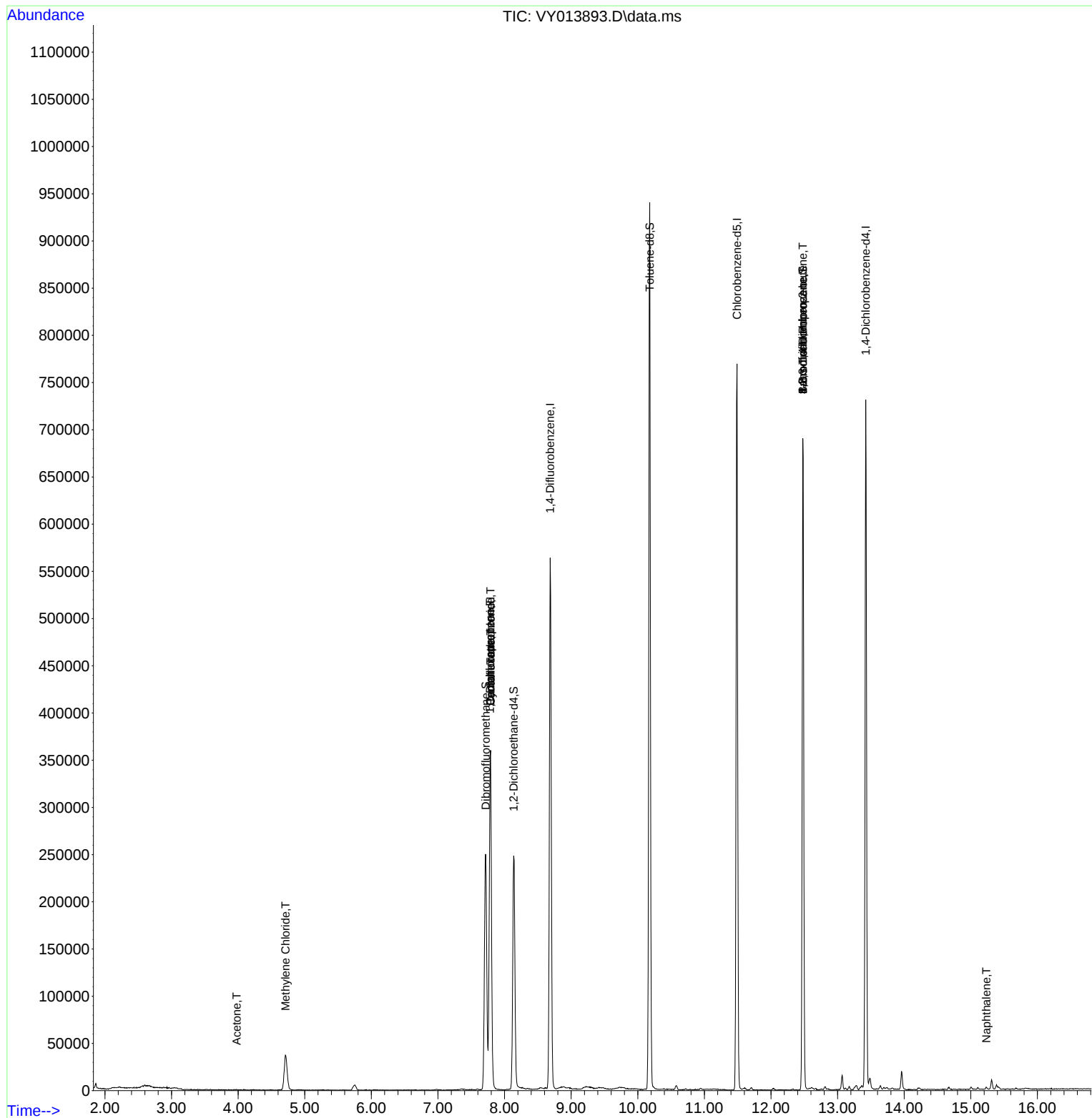
Internal Standards						
1) Pentafluorobenzene	7.789	168	279057	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	465951	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.490	117	406553	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	184406	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	205680	63.709	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.420%	
35) Dibromofluoromethane	7.716	113	176114	58.526	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.060%	
50) Toluene-d8	10.179	98	594163	51.952	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.900%	
62) 4-Bromofluorobenzene	12.477	95	188370	49.550	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.100%	
Target Compounds						
					Qvalue	
16) Acetone	3.979	43	1352	1.411	ug/l #	46
20) Methylene Chloride	4.710	84	26579	5.566	ug/l	98
31) Cyclohexane	7.789	56	6555	1.322	ug/l #	30
36) 1,1-Dichloropropene	7.783	75	21911	4.781	ug/l #	49
38) Carbon Tetrachloride	7.789	117	27303	5.238	ug/l #	17
71) Bromoform	12.477	173	2450	1.140	ug/l #	27
76) 1,2,3-Trichloropropane	12.477	75	105471	48.506	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	105471	105.291	ug/l #	10
95) Naphthalene	15.233	128	2209	4.804	ug/l #	91

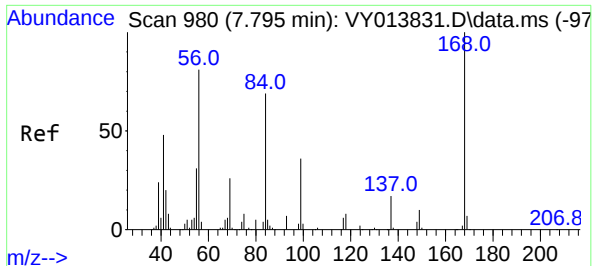
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

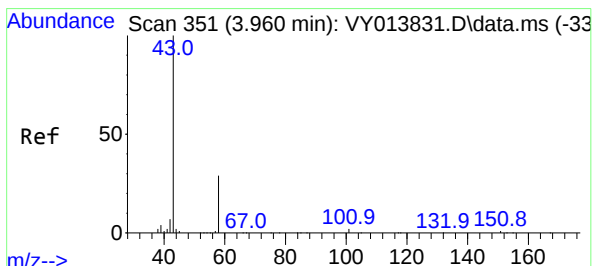
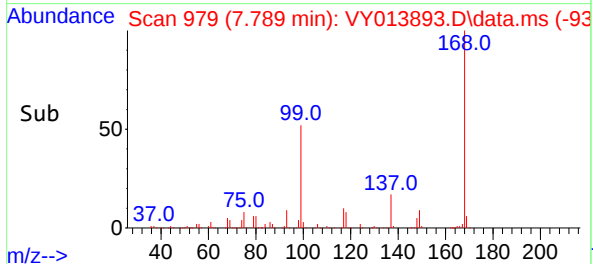
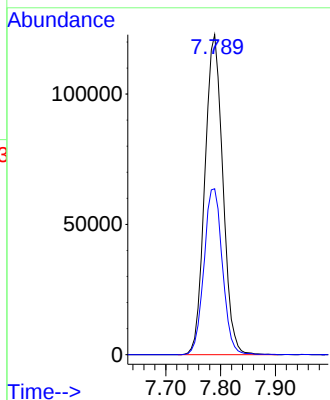
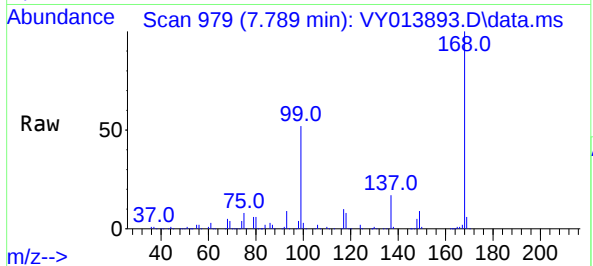




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013893.D
Acq: 26 May 2023 15:13

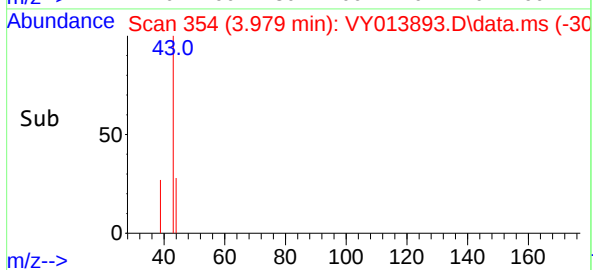
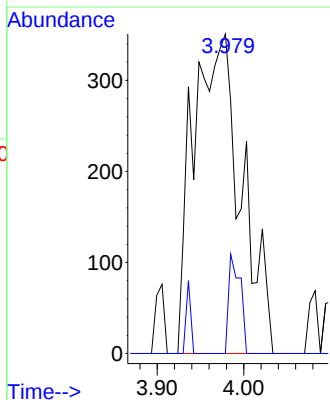
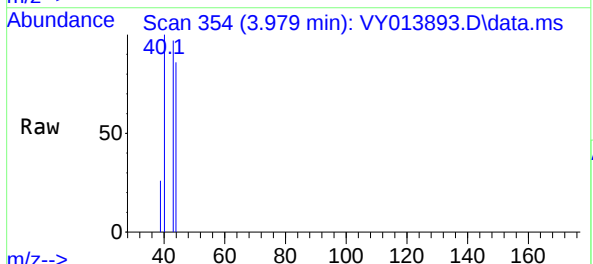
Instrument :
MSVOA_Y
ClientSampleId :
TP18

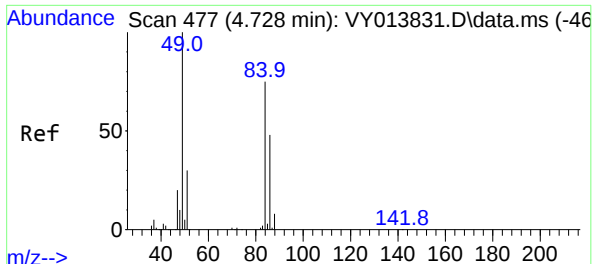
Tgt Ion:168 Resp: 279057
Ion Ratio Lower Upper
168 100
99 51.8 43.4 65.2



#16
Acetone
Concen: 1.411 ug/l
RT: 3.979 min Scan# 354
Delta R.T. 0.018 min
Lab File: VY013893.D
Acq: 26 May 2023 15:13

Tgt Ion: 43 Resp: 1352
Ion Ratio Lower Upper
43 100
58 0.0 23.3 34.9#



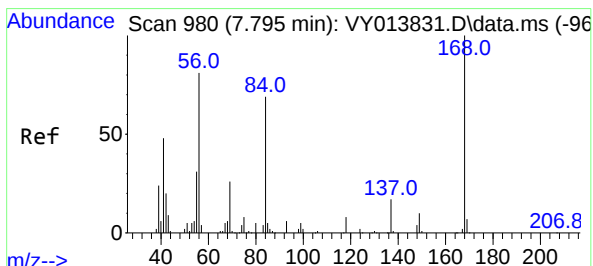
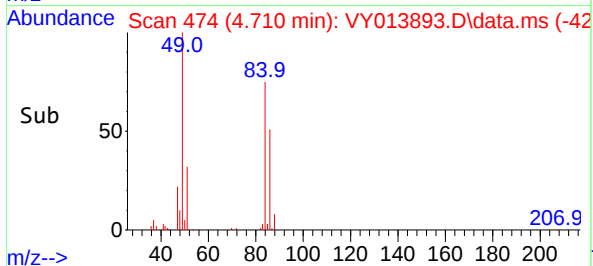
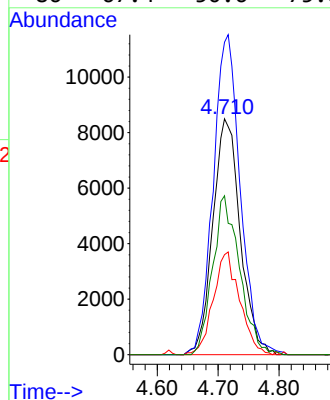
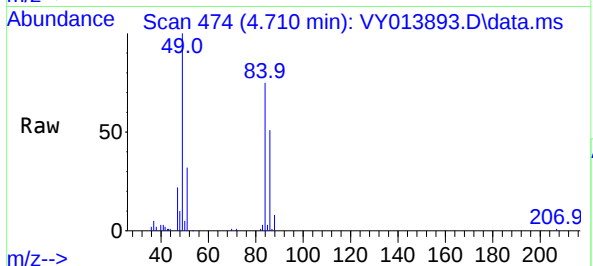


#20
Methylene Chloride
Concen: 5.566 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.018 min
Lab File: VY013893.D
Acq: 26 May 2023 15:13

Instrument :
MSVOA_Y
ClientSampleId :
TP18

Tgt Ion: 84 Resp: 26579

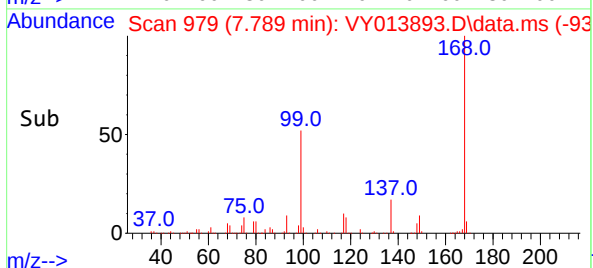
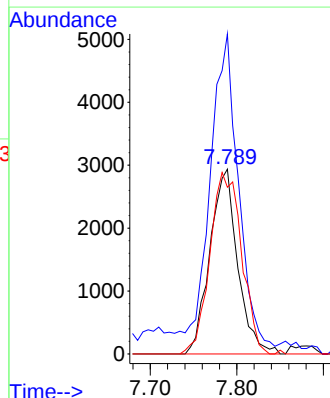
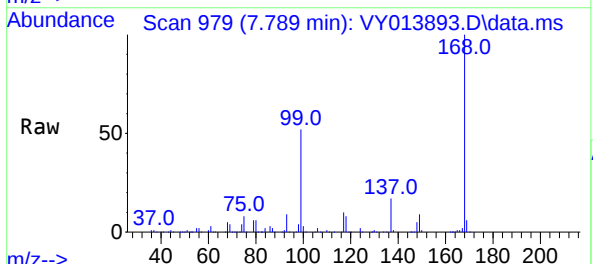
Ion	Ratio	Lower	Upper
84	100		
49	132.5	106.2	159.2
51	42.4	31.4	47.0
86	67.4	50.6	75.8

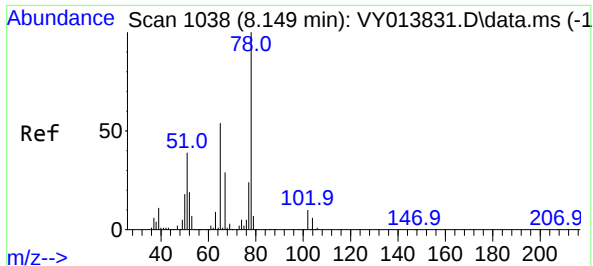


#31
Cyclohexane
Concen: 1.322 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY013893.D
Acq: 26 May 2023 15:13

Tgt Ion: 56 Resp: 6555

Ion	Ratio	Lower	Upper
56	100		
69	167.7	25.8	38.8#
84	90.2	68.2	102.2





#33

1,2-Dichloroethane-d4

Concen: 63.709 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.012 min

Lab File: VY013893.D

Acq: 26 May 2023 15:13

Instrument :

MSVOA_Y

ClientSampleId :

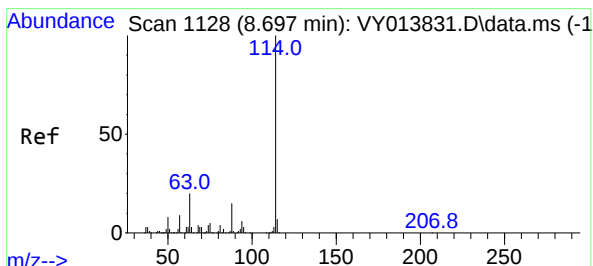
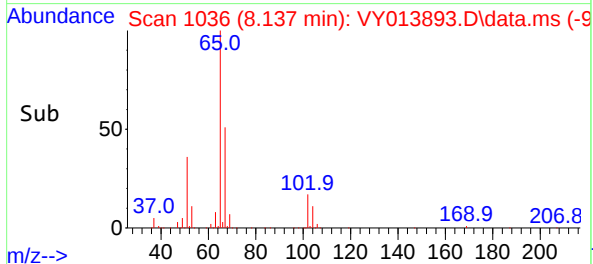
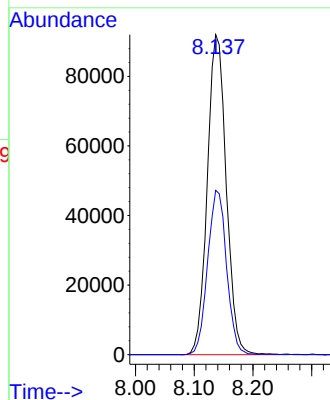
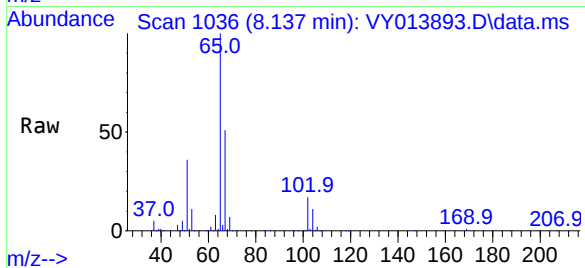
TP18

Tgt Ion: 65 Resp: 205680

Ion Ratio Lower Upper

65 100

67 51.4 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.012 min

Lab File: VY013893.D

Acq: 26 May 2023 15:13

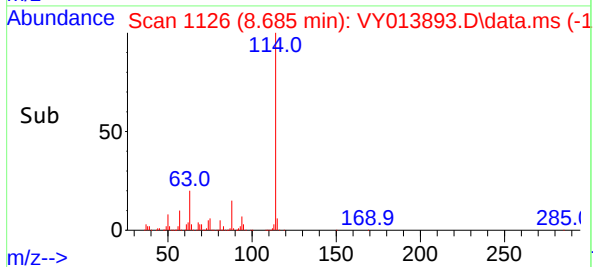
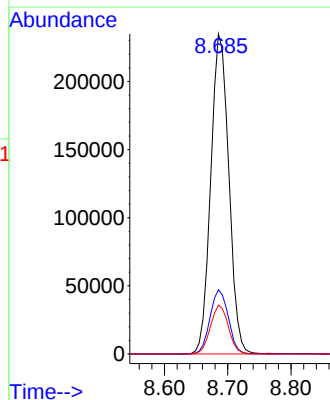
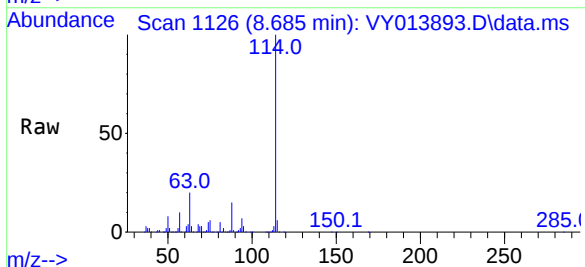
Tgt Ion:114 Resp: 465951

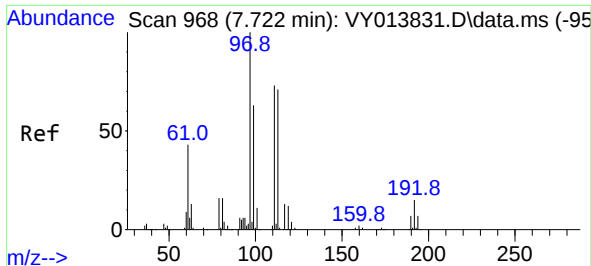
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.2

88 15.2 0.0 30.0

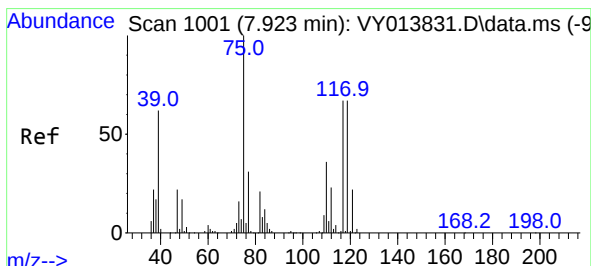
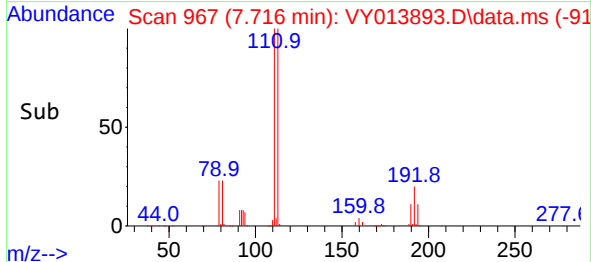
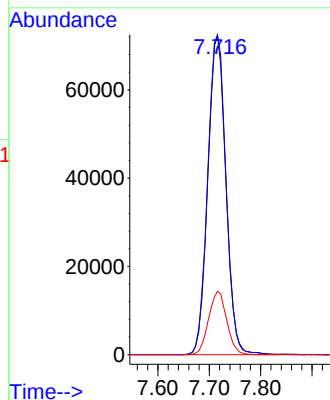
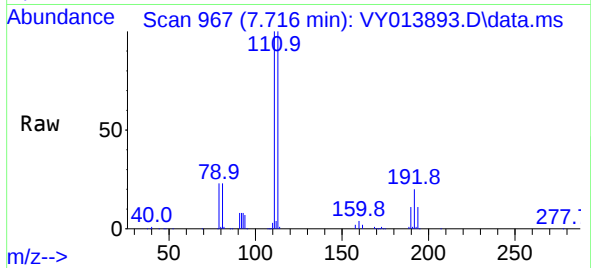




#35
Dibromofluoromethane
Concen: 58.526 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY013893.D
Acq: 26 May 2023 15:13

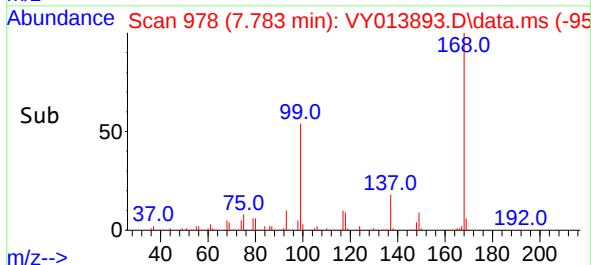
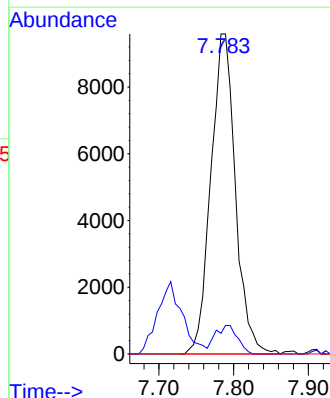
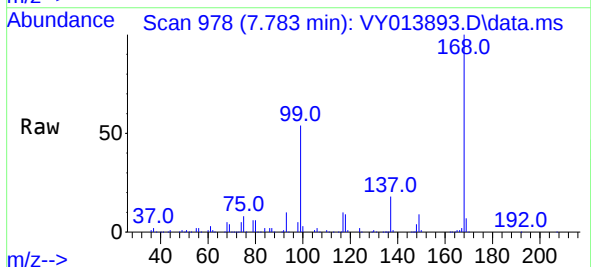
Instrument :
MSVOA_Y
ClientSampleId :
TP18

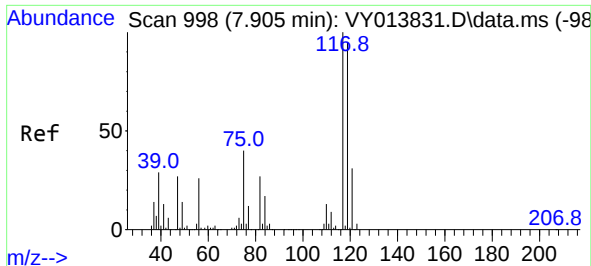
Tgt Ion:113 Resp: 176114
Ion Ratio Lower Upper
113 100
111 101.7 80.4 120.6
192 19.9 16.6 25.0



#36
1,1-Dichloropropene
Concen: 4.781 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.140 min
Lab File: VY013893.D
Acq: 26 May 2023 15:13

Tgt Ion: 75 Resp: 21911
Ion Ratio Lower Upper
75 100
110 8.0 17.5 52.6#
77 0.0 24.4 36.6#

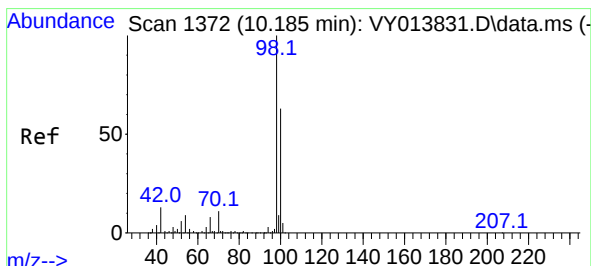
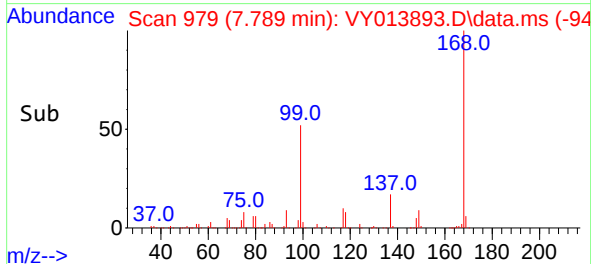
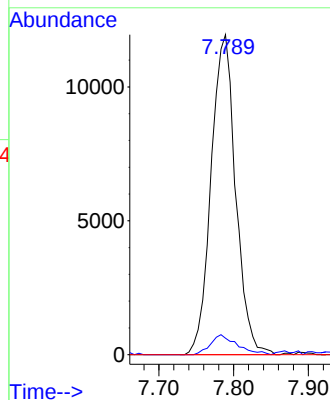
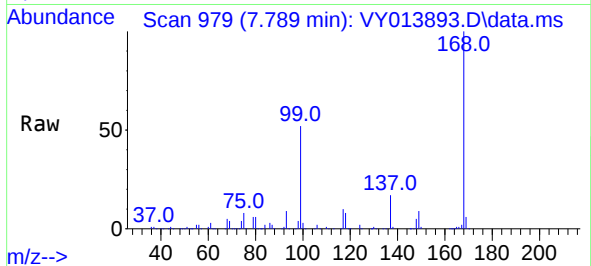




#38
Carbon Tetrachloride
Concen: 5.238 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY013893.D
Acq: 26 May 2023 15:13

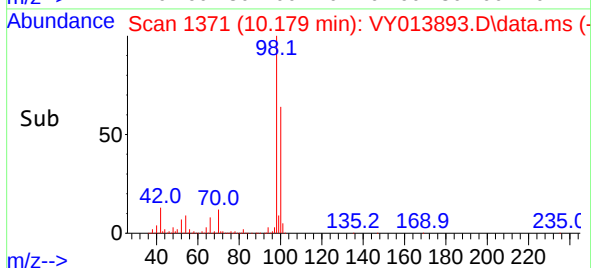
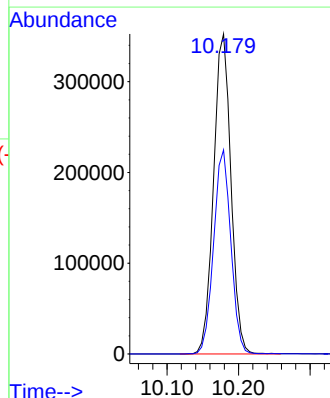
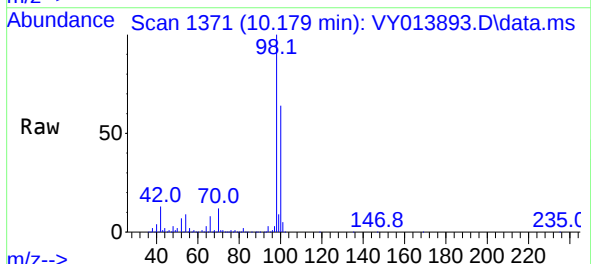
Instrument :
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ClientSampleId :
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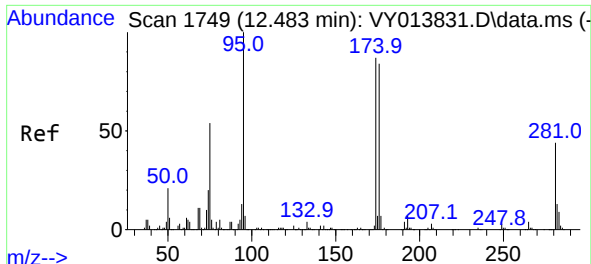
Tgt Ion:117 Resp: 27303
Ion Ratio Lower Upper
117 100
119 5.1 75.6 113.4#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.952 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY013893.D
Acq: 26 May 2023 15:13

Tgt Ion: 98 Resp: 594163
Ion Ratio Lower Upper
98 100
100 63.2 50.8 76.2

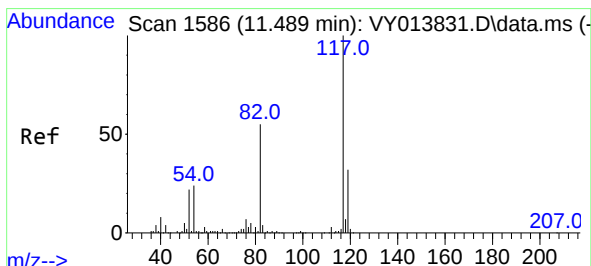
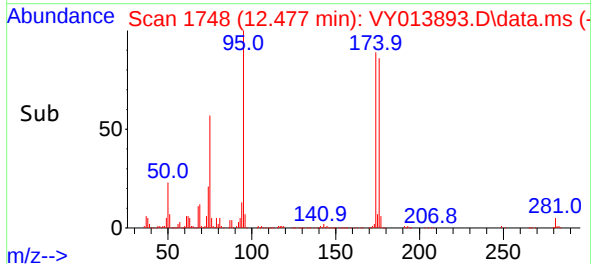
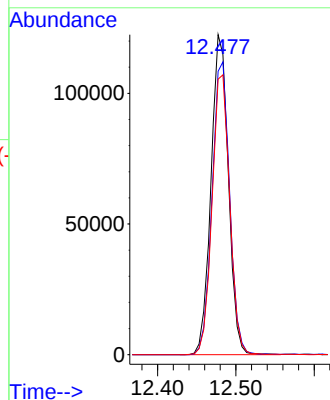
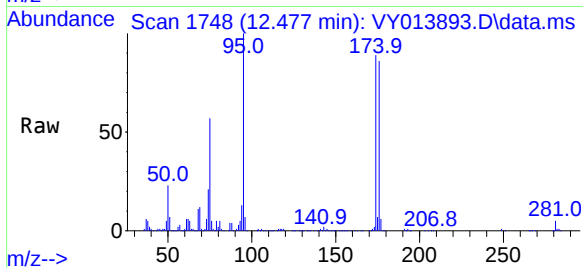




#62
4-Bromofluorobenzene
Concen: 49.550 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013893.D
Acq: 26 May 2023 15:13

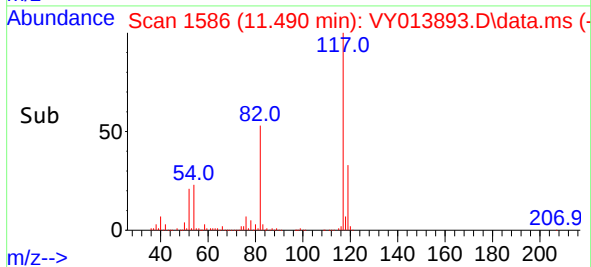
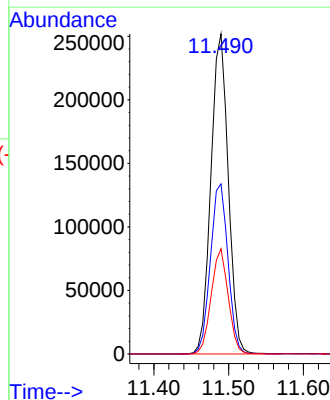
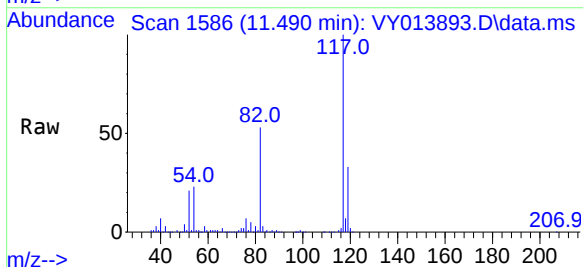
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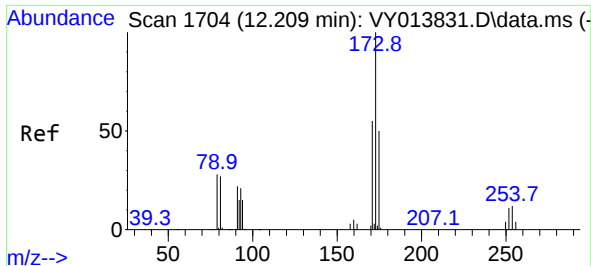
Tgt Ion: 95 Resp: 188370
Ion Ratio Lower Upper
95 100
174 92.6 0.0 176.0
176 89.0 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013893.D
Acq: 26 May 2023 15:13

Tgt Ion: 117 Resp: 406553
Ion Ratio Lower Upper
117 100
82 53.1 44.2 66.4
119 32.9 25.7 38.5

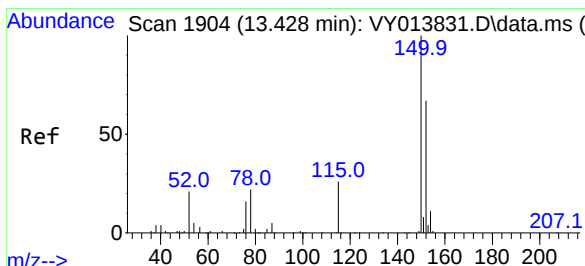
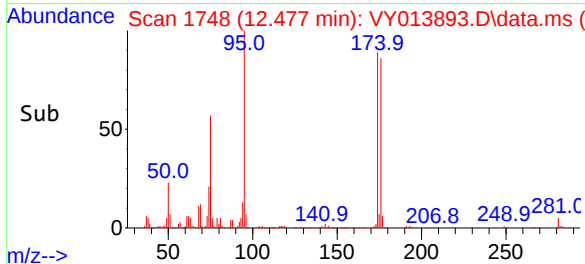
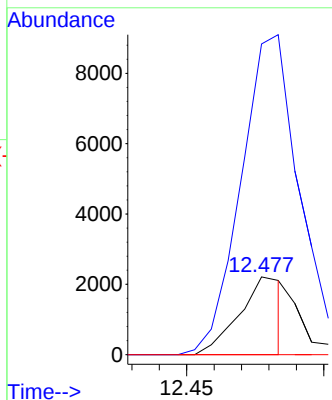
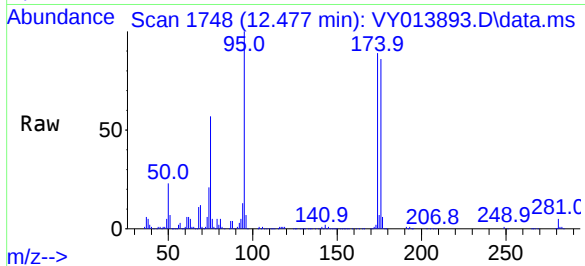




#71
Bromoform
Concen: 1.140 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.268 min
Lab File: VY013893.D
Acq: 26 May 2023 15:13

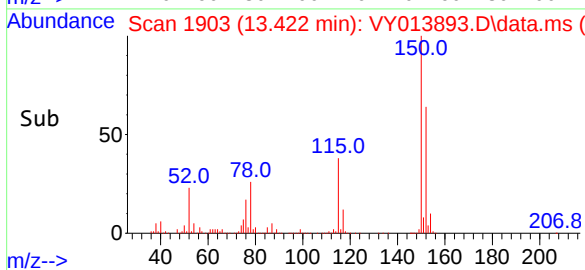
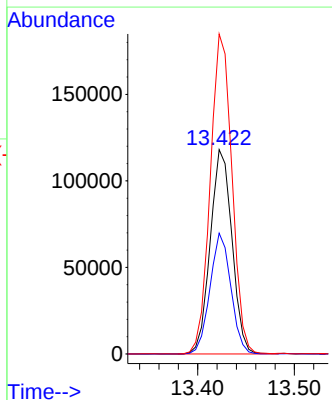
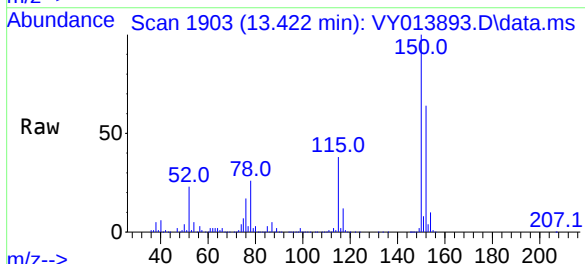
Instrument :
MSVOA_Y
ClientSampleId :
TP18

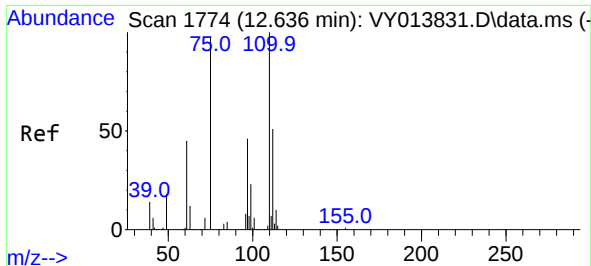
Tgt Ion:173 Resp: 2450
Ion Ratio Lower Upper
173 100
175 0.0 25.1 75.4#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY013893.D
Acq: 26 May 2023 15:13

Tgt Ion:152 Resp: 184406
Ion Ratio Lower Upper
152 100
115 56.7 28.8 86.5
150 156.1 0.0 353.4

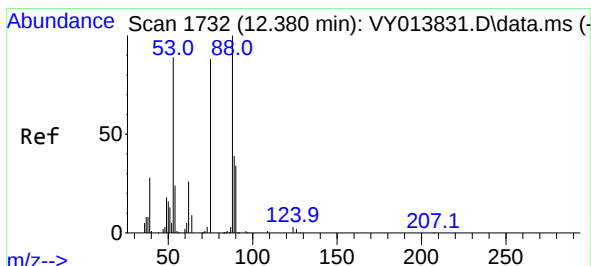
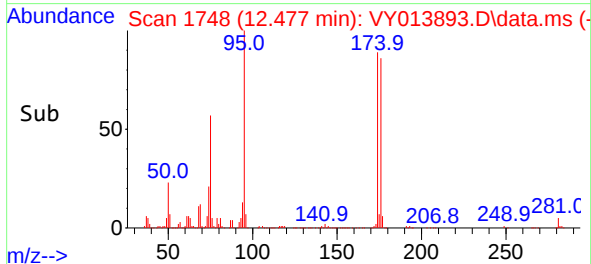
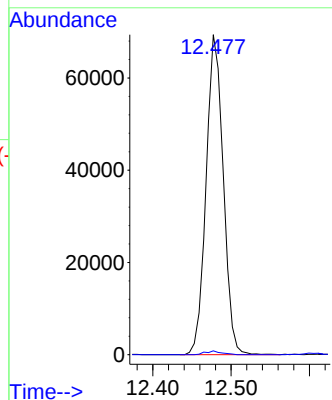
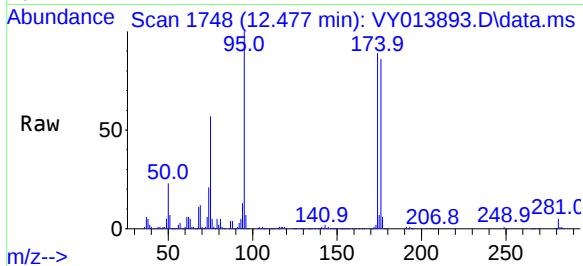




#76
1,2,3-Trichloropropane
Concen: 48.506 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY013893.D
Acq: 26 May 2023 15:13

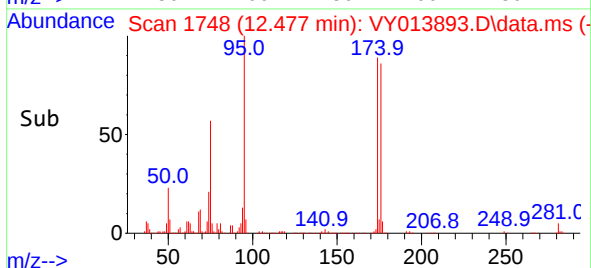
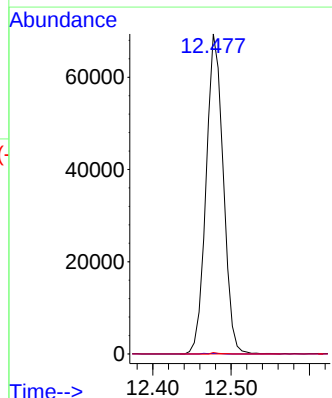
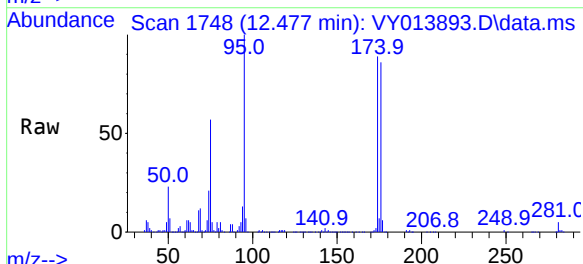
Instrument :
MSVOA_Y
ClientSampleId :
TP18

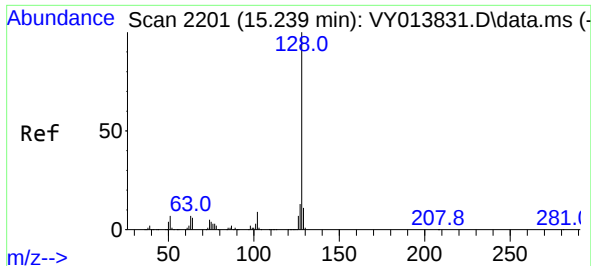
Tgt Ion: 75 Resp: 105471
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.291 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY013893.D
Acq: 26 May 2023 15:13

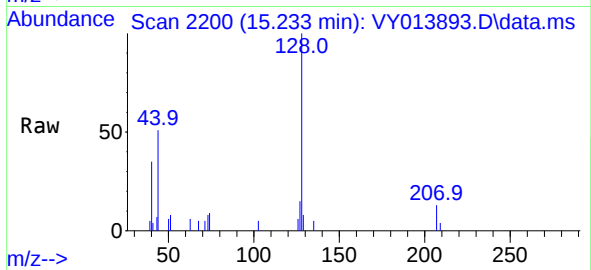
Tgt Ion: 75 Resp: 105471
Ion Ratio Lower Upper
75 100
53 0.2 79.7 119.5#
89 0.2 36.4 54.6#





#95
Naphthalene
Concen: 4.804 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY013893.D
Acq: 26 May 2023 15:13

Instrument :
MSVOA_Y
ClientSampleId :
TP18



Tgt Ion:128 Resp: 2209
Ion Ratio Lower Upper
128 100
127 15.3 10.7 16.1
129 6.2 9.0 13.4#

