

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052622\
 Data File : VY009113.D
 Acq On : 26 May 2022 13:16
 Operator : KP/MD
 Sample : N3001-02
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-02-COMP

Quant Time: May 27 03:23:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

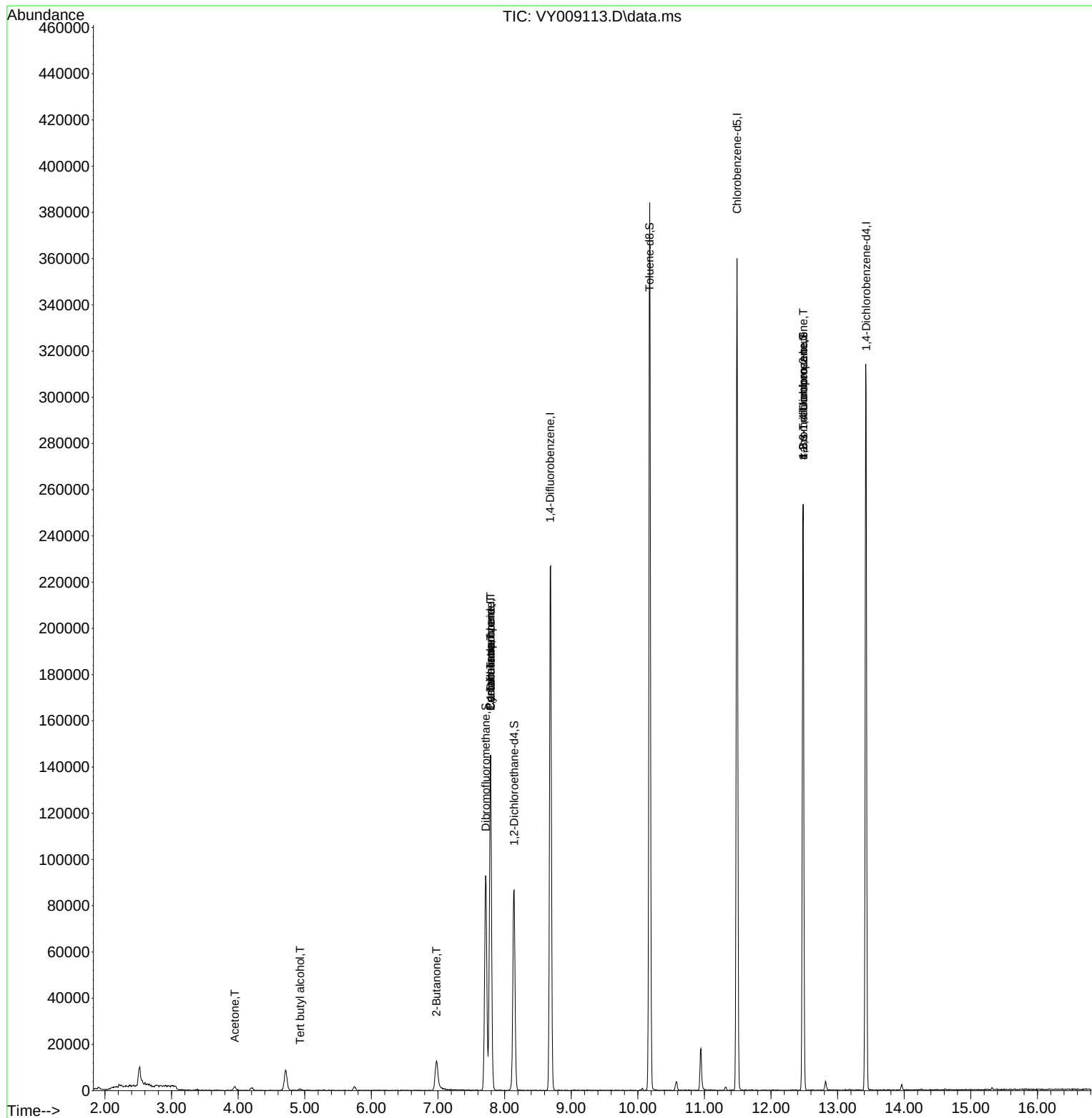
Internal Standards						
1) Pentafluorobenzene	7.789	168	106408	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	192839	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	179668	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	76130	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	66265	60.509	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.020%	
35) Dibromofluoromethane	7.716	113	62418	52.052	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.100%	
50) Toluene-d8	10.179	98	239967	54.244	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.480%	
62) 4-Bromofluorobenzene	12.483	95	66468	37.247	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 74.500%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	370	3.331	ug/l #	77
16) Acetone	3.948	43	2828	12.406	ug/l #	80
20) Methylene Chloride	4.716	84	6145	Below Cal		86
25) 2-Butanone	6.978	43	819	2.011	ug/l	96
31) Cyclohexane	7.789	56	2852	1.331	ug/l #	26
36) 1,1-Dichloropropene	7.789	75	9665	4.736	ug/l #	50
38) Carbon Tetrachloride	7.789	117	10521	4.928	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	40042	48.978	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	40042	100.528	ug/l #	7

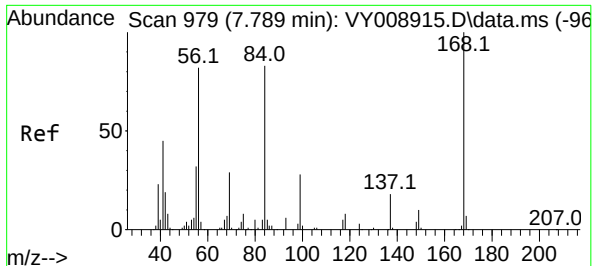
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052622\
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Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-02-COMP

Quant Time: May 27 03:23:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
Quant Title : SW846 8260
QLast Update : Fri May 20 23:50:52 2022
Response via : Initial Calibration

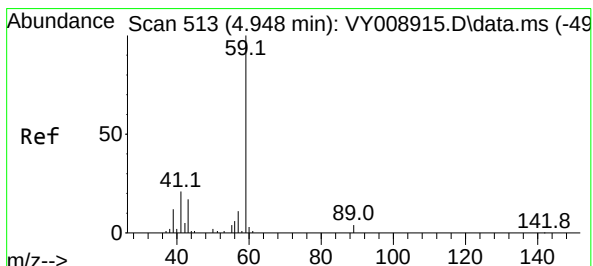
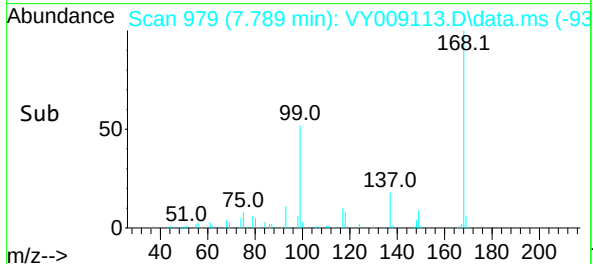
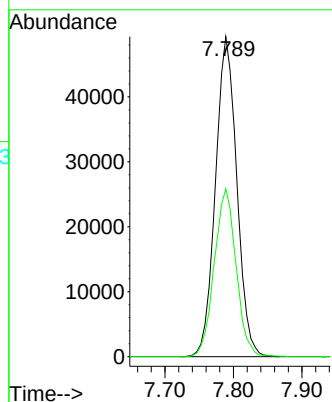
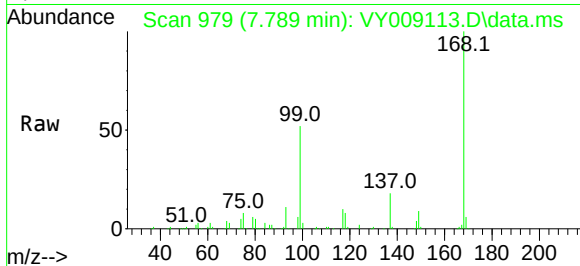




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009113.D
Acq: 26 May 2022 13:16

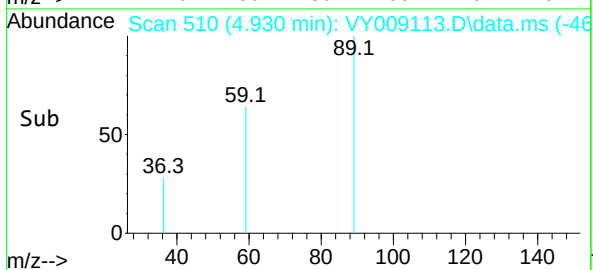
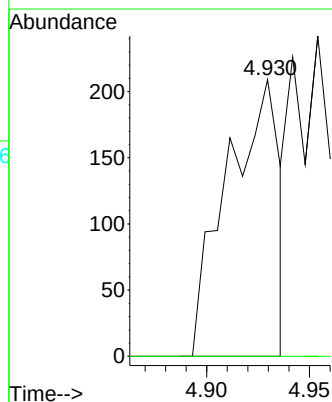
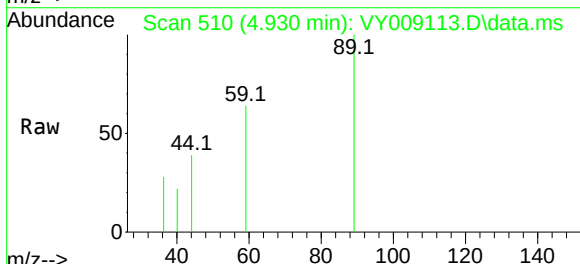
Instrument :
MSVOA_Y
ClientSampleId :
TP-02-COMP

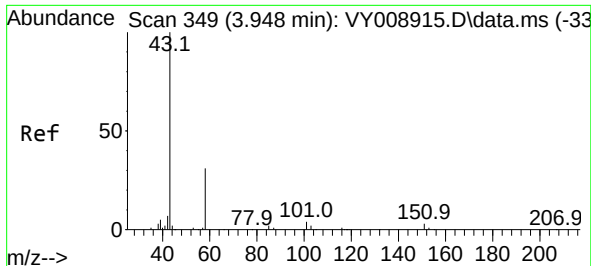
Tgt Ion:168 Resp: 106408
Ion Ratio Lower Upper
168 100
99 52.5 46.9 70.3



#11
Tert butyl alcohol
Concen: 3.331 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.018 min
Lab File: VY009113.D
Acq: 26 May 2022 13:16

Tgt Ion: 59 Resp: 370
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

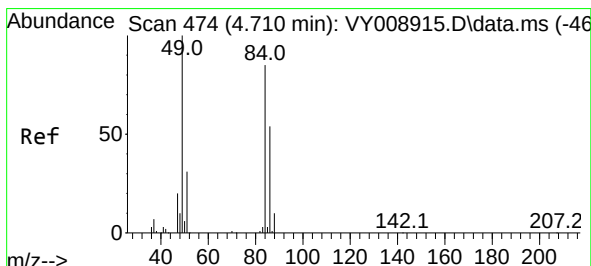
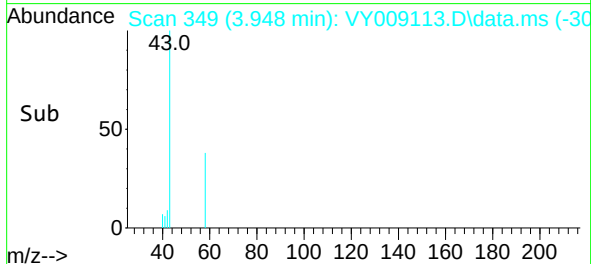
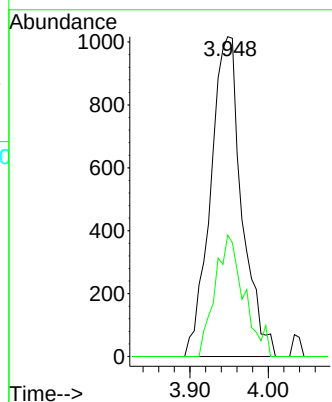
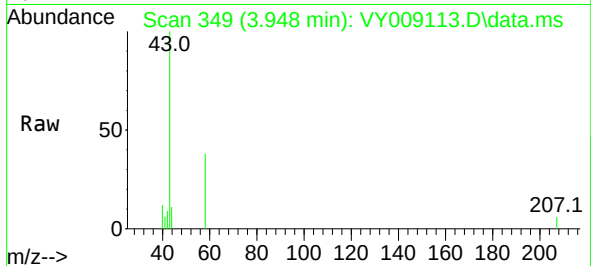




#16
Acetone
Concen: 12.406 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY009113.D
Acq: 26 May 2022 13:16

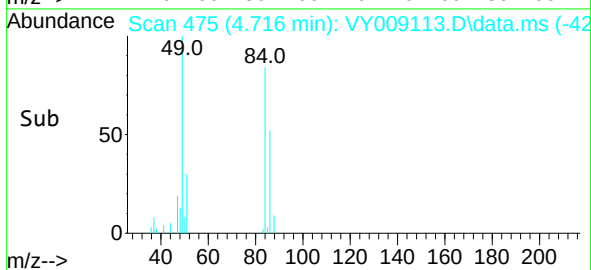
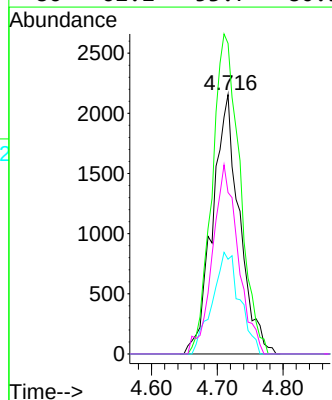
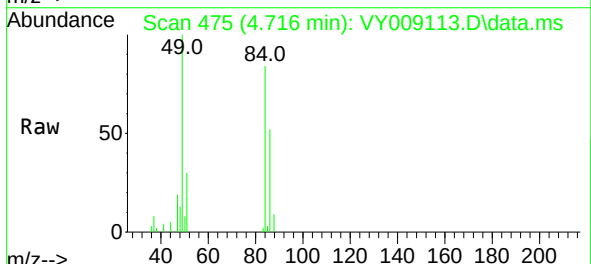
Instrument :
MSVOA_Y
ClientSampleId :
TP-02-COMP

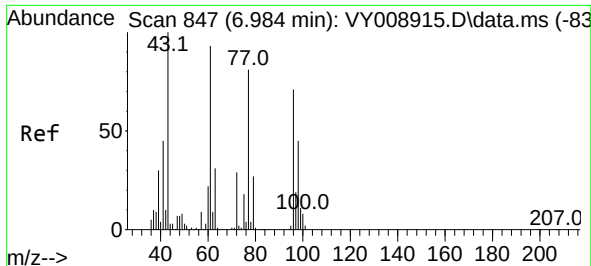
Tgt Ion: 43 Resp: 2828
Ion Ratio Lower Upper
43 100
58 38.0 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY009113.D
Acq: 26 May 2022 13:16

Tgt Ion: 84 Resp: 6145
Ion Ratio Lower Upper
84 100
49 119.7 114.4 171.6
51 36.5 35.3 52.9
86 62.2 53.7 80.5

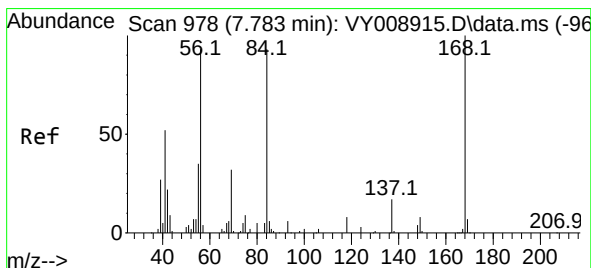
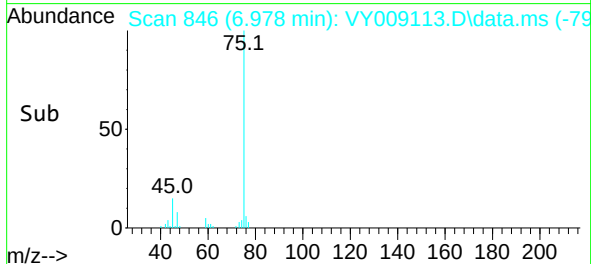
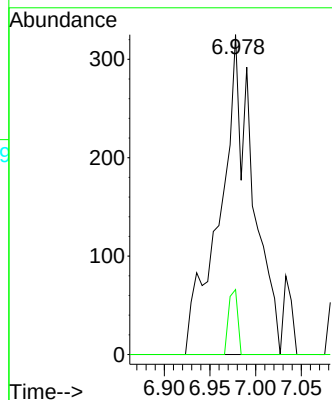
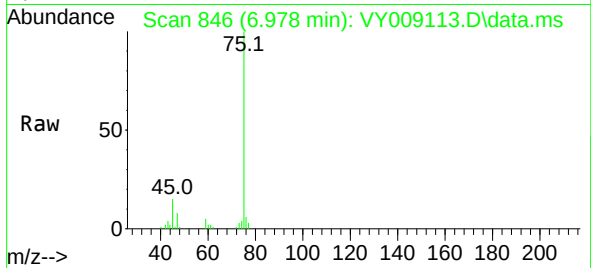




#25
2-Butanone
Concen: 2.011 ug/l
RT: 6.978 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY009113.D
Acq: 26 May 2022 13:16

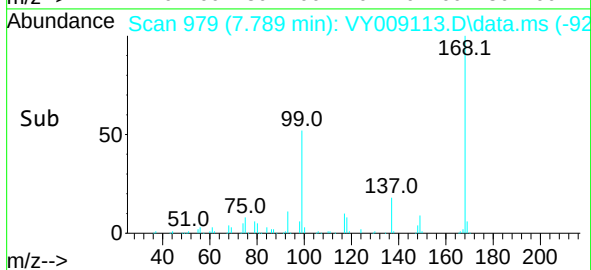
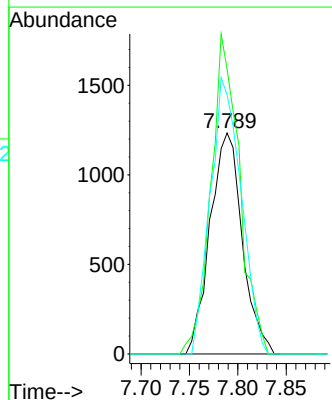
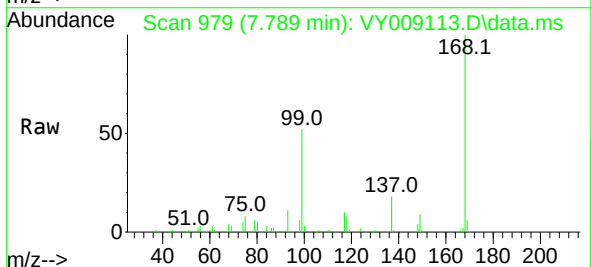
Instrument :
MSVOA_Y
ClientSampleId :
TP-02-COMP

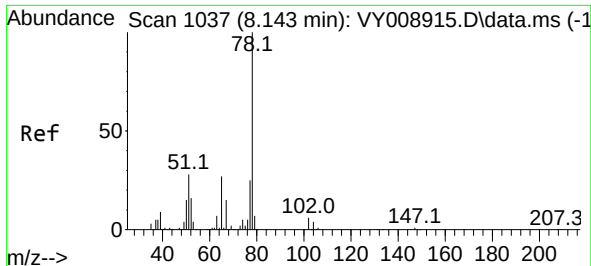
Tgt Ion: 43 Resp: 819
Ion Ratio Lower Upper
43 100
72 20.3 17.7 26.5



#31
Cyclohexane
Concen: 1.331 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY009113.D
Acq: 26 May 2022 13:16

Tgt Ion: 56 Resp: 2852
Ion Ratio Lower Upper
56 100
69 128.8 26.7 40.1#
84 117.3 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 60.509 ug/l

RT: 8.142 min Scan# 1

Delta R.T. -0.001 min

Lab File: VY009113.D

Acq: 26 May 2022 13:16

Instrument :

MSVOA_Y

ClientSampleId :

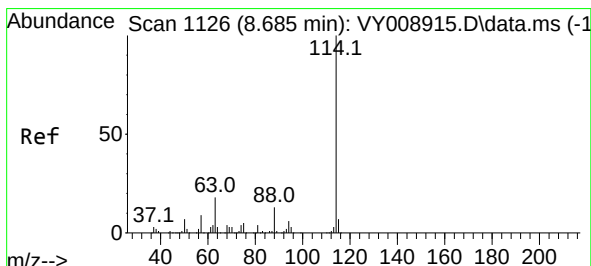
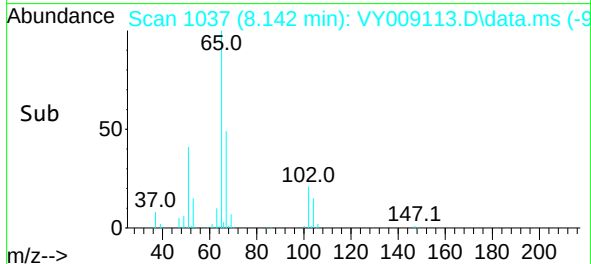
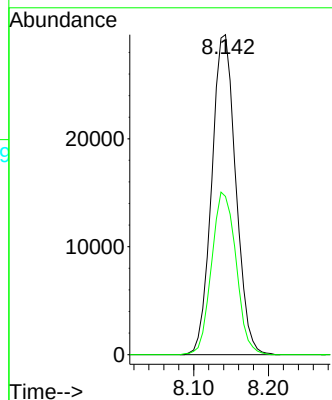
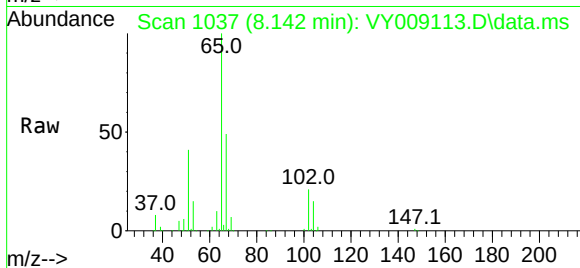
TP-02-COMP

Tgt Ion: 65 Resp: 66265

Ion Ratio Lower Upper

65 100

67 51.8 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009113.D

Acq: 26 May 2022 13:16

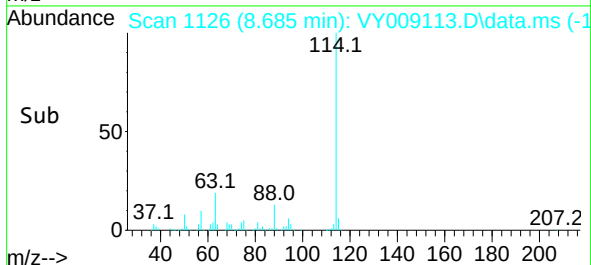
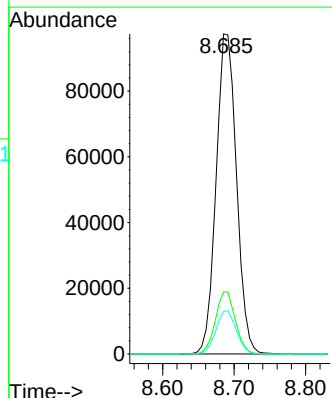
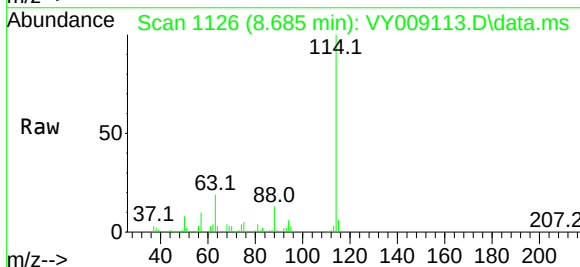
Tgt Ion: 114 Resp: 192839

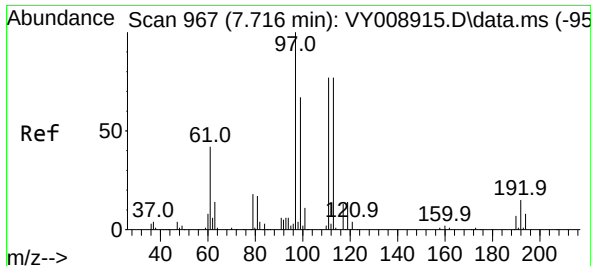
Ion Ratio Lower Upper

114 100

63 19.4 0.0 43.2

88 13.3 0.0 31.8

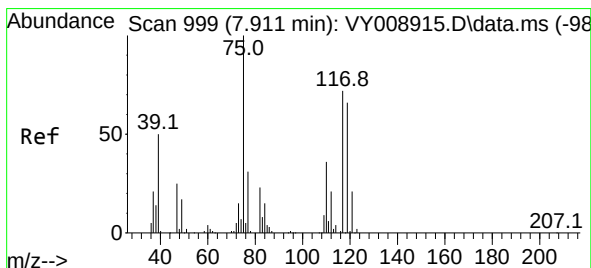
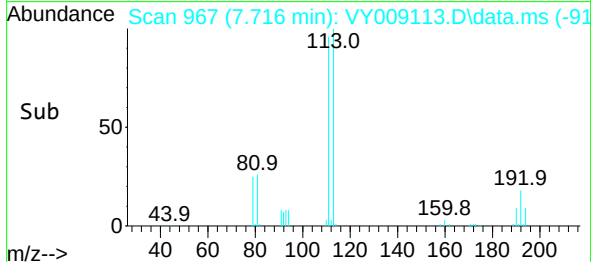
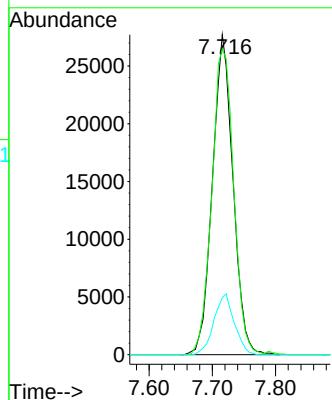
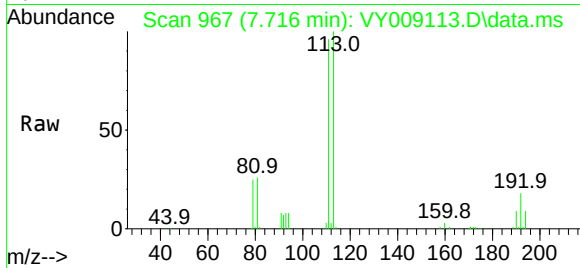




#35
Dibromofluoromethane
Concen: 52.052 ug/l
RT: 7.716 min Scan# 901
Delta R.T. -0.000 min
Lab File: VY009113.D
Acq: 26 May 2022 13:16

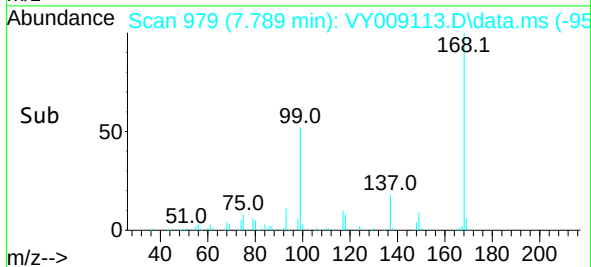
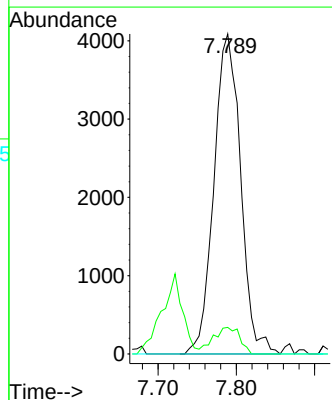
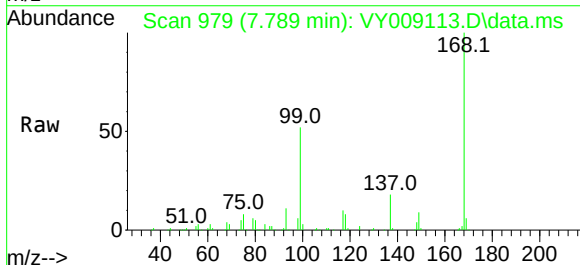
Instrument :
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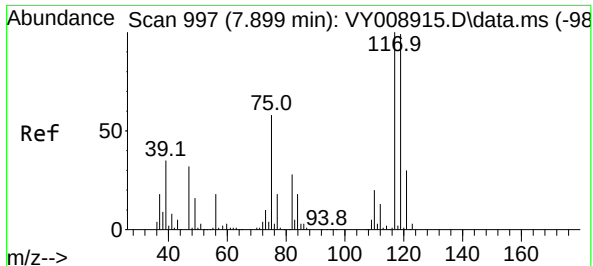
Tgt Ion:113 Resp: 62418
Ion Ratio Lower Upper
113 100
111 101.6 82.6 124.0
192 18.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.736 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY009113.D
Acq: 26 May 2022 13:16

Tgt Ion: 75 Resp: 9665
Ion Ratio Lower Upper
75 100
110 8.3 17.1 51.2#
77 0.0 24.4 36.6#

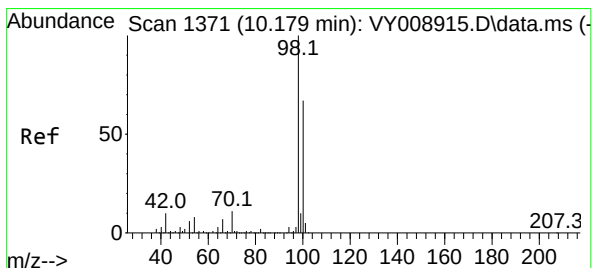
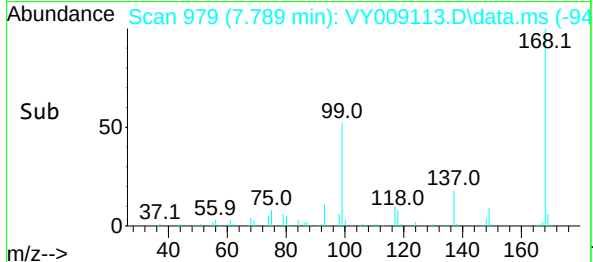
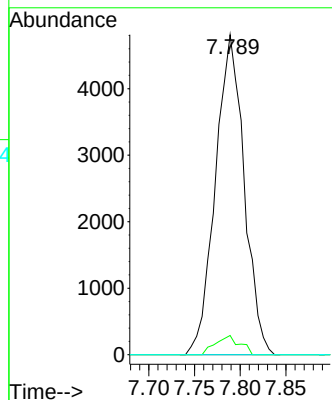
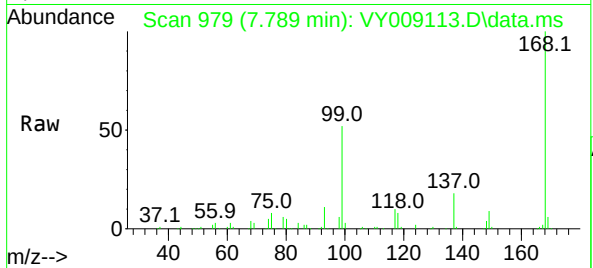




#38
Carbon Tetrachloride
Concen: 4.928 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009113.D
Acq: 26 May 2022 13:16

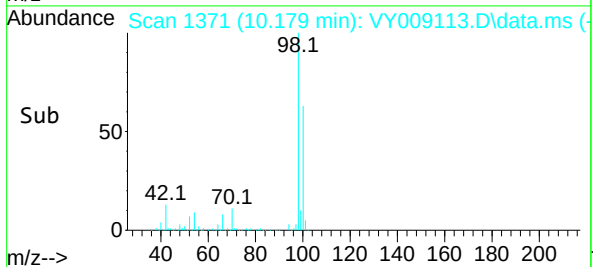
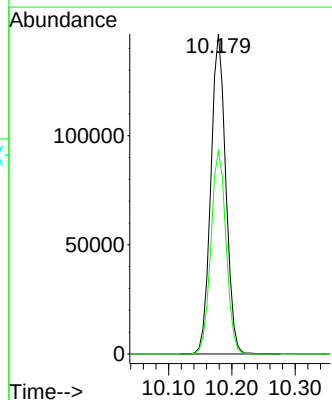
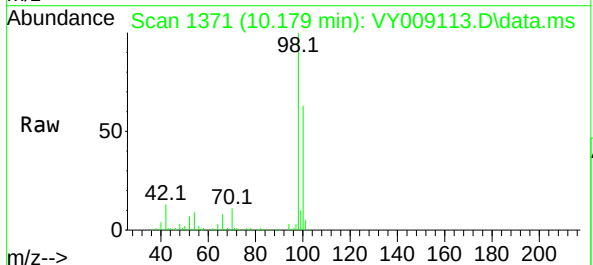
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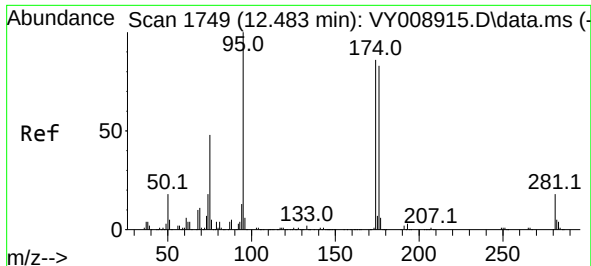
Tgt Ion:117 Resp: 10521
Ion Ratio Lower Upper
117 100
119 6.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.244 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009113.D
Acq: 26 May 2022 13:16

Tgt Ion: 98 Resp: 239967
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2

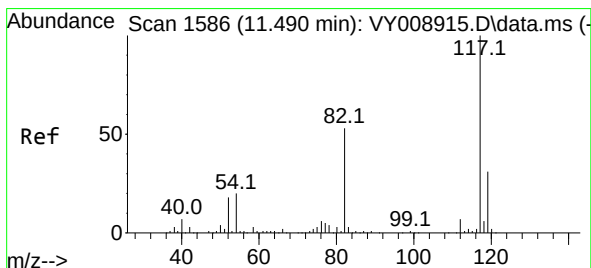
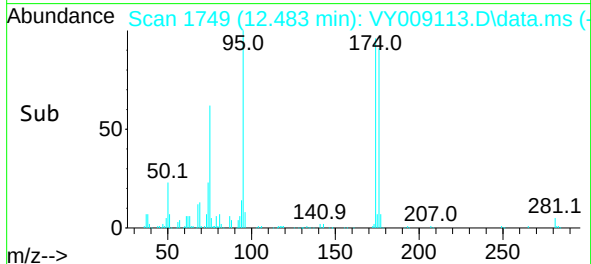
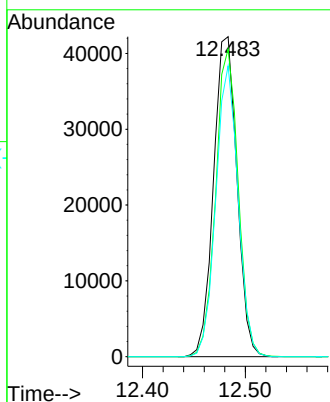
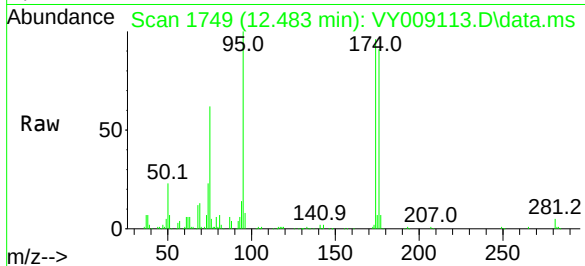




#62
4-Bromofluorobenzene
Concen: 37.247 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009113.D
Acq: 26 May 2022 13:16

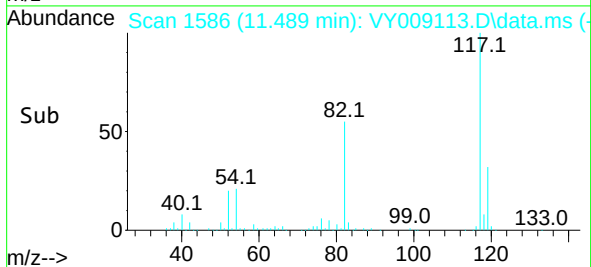
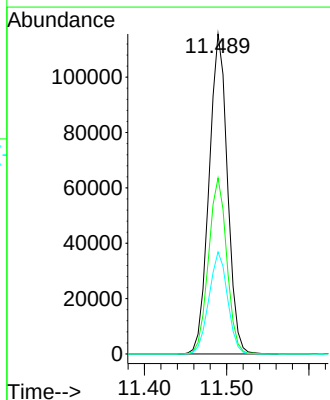
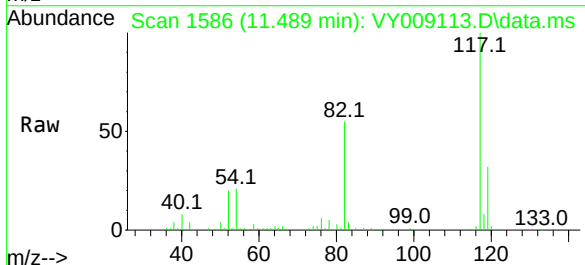
Instrument :
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TP-02-COMP

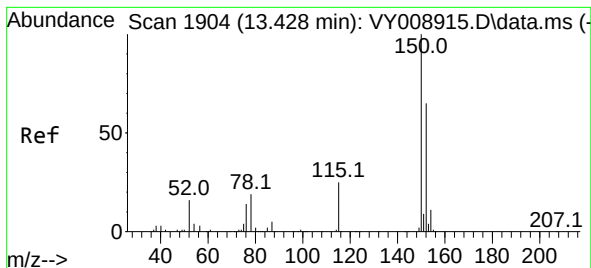
Tgt Ion: 95 Resp: 66468
Ion Ratio Lower Upper
95 100
174 92.7 0.0 177.0
176 86.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY009113.D
Acq: 26 May 2022 13:16

Tgt Ion: 117 Resp: 179668
Ion Ratio Lower Upper
117 100
82 55.0 43.0 64.4
119 31.9 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY009113.D

Acq: 26 May 2022 13:16

Instrument :

MSVOA_Y

ClientSampleId :

TP-02-COMP

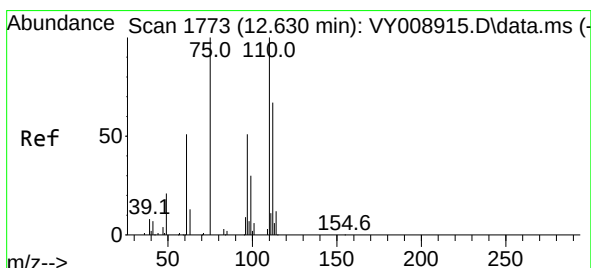
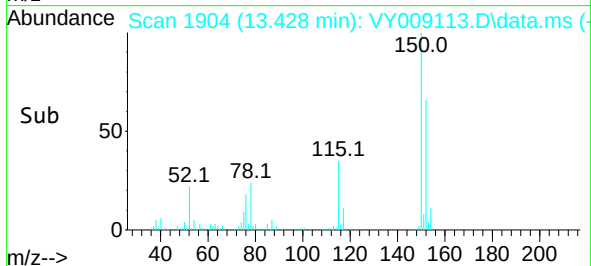
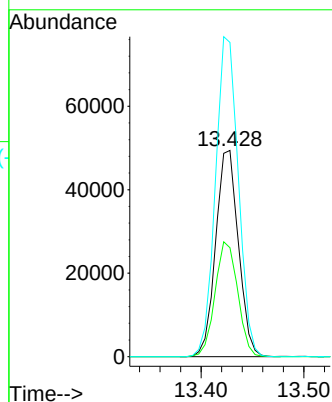
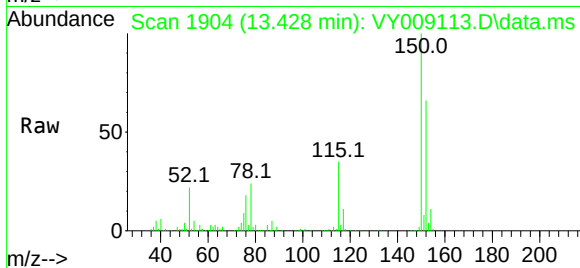
Tgt Ion:152 Resp: 76130

Ion Ratio Lower Upper

152 100

115 55.3 28.2 84.7

150 155.4 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 48.978 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.147 min

Lab File: VY009113.D

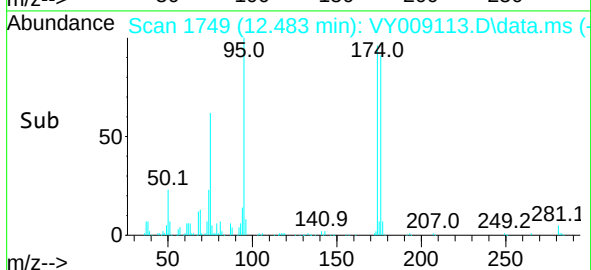
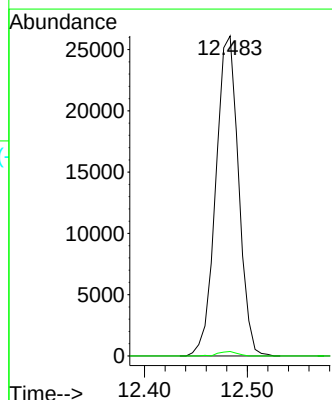
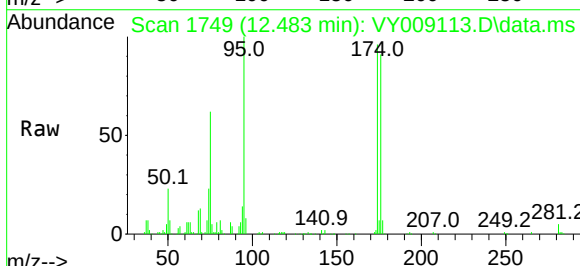
Acq: 26 May 2022 13:16

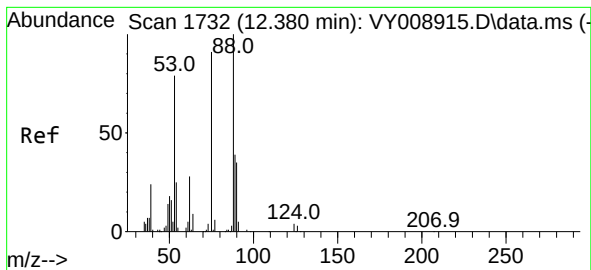
Tgt Ion: 75 Resp: 40042

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 100.528 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY009113.D
 Acq: 26 May 2022 13:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-02-COMP

Tgt Ion: 75 Resp: 40042
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.2 37.0 55.4#

