

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052422\
 Data File : VY009055.D
 Acq On : 24 May 2022 12:37
 Operator : KP/MD
 Sample : N2982-02
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P-2

Quant Time: May 25 02:51:05 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)

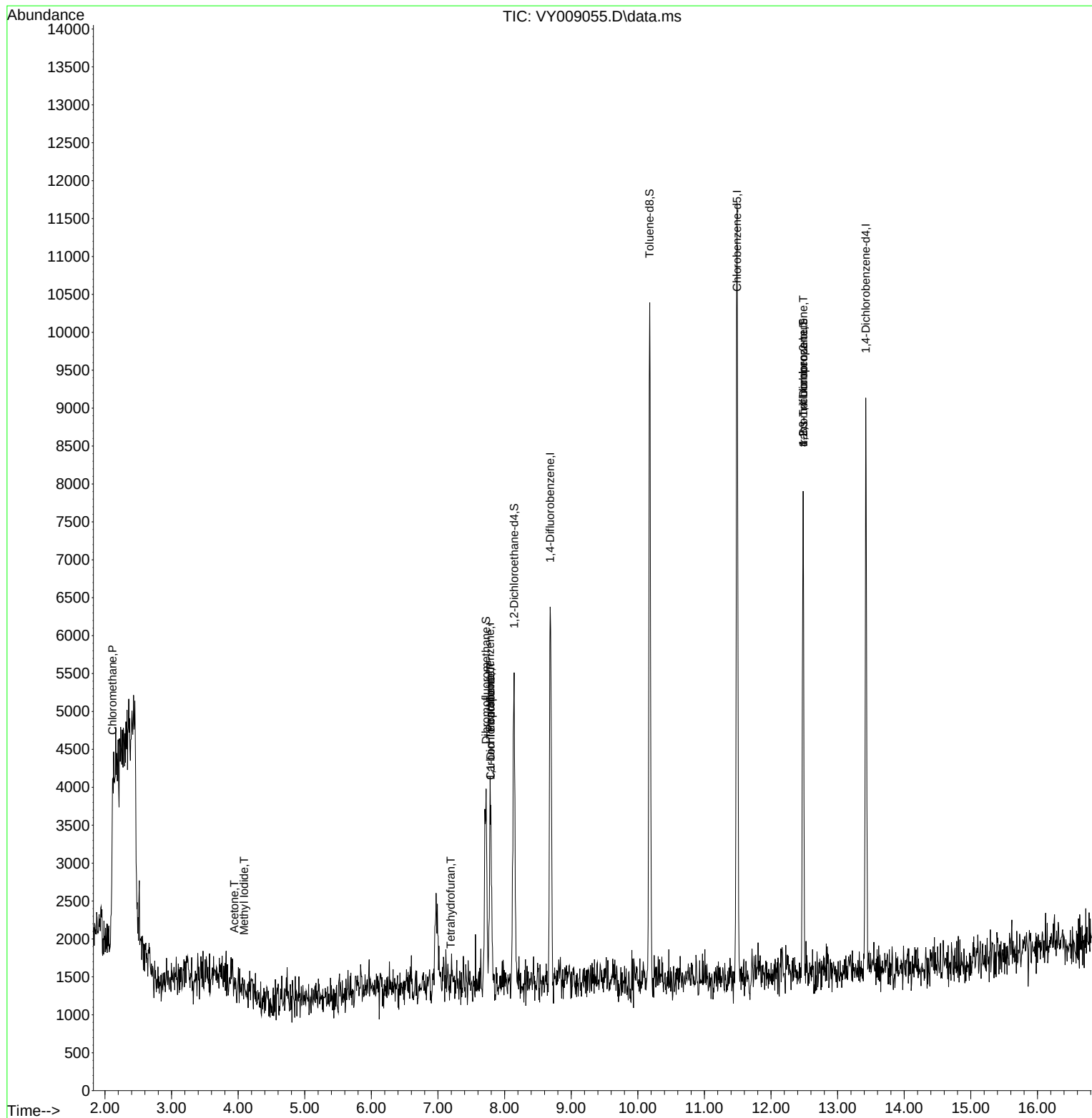
Internal Standards						
1) Pentafluorobenzene	7.783	168	2493	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	4830	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	5433	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	1742	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	3024	117.860	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 235.720%#	
35) Dibromofluoromethane	7.722	113	1967	65.490	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 130.980%	
50) Toluene-d8	10.179	98	5830	52.616	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.240%	
62) 4-Bromofluorobenzene	12.483	95	1816	40.629	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 81.260%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	379	11.602	ug/l	# 73
10) Methyl Iodide	4.088	142	177	6.786	ug/l	# 46
16) Acetone	3.942	43	151	28.273	ug/l	# 47
20) Methylene Chloride	4.692	84	60	Below Cal	#	1
29) Tetrahydrofuran	7.191	42	21	3.241	ug/l	# 38
36) 1,1-Dichloropropene	7.789	75	126	2.465	ug/l	# 42
38) Carbon Tetrachloride	7.789	117	174	3.254	ug/l	# 11
76) 1,2,3-Trichloropropane	12.483	75	1028	54.953	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	1028	112.791	ug/l	# 7

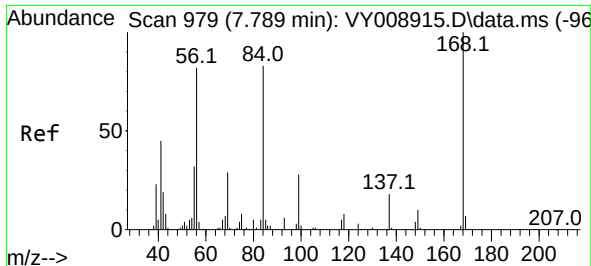
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
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P-2

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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

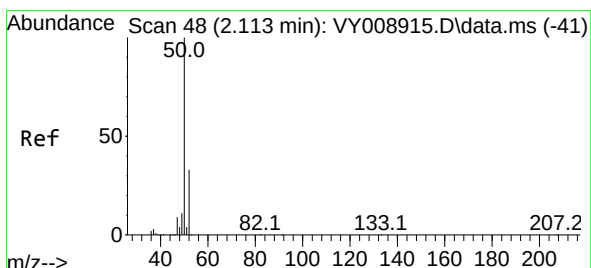
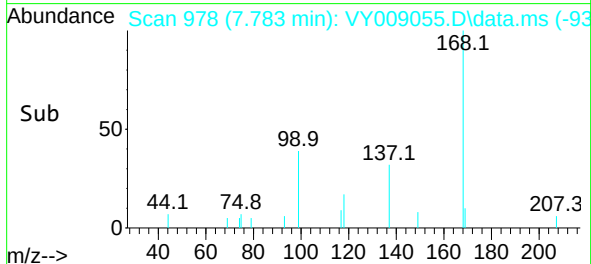
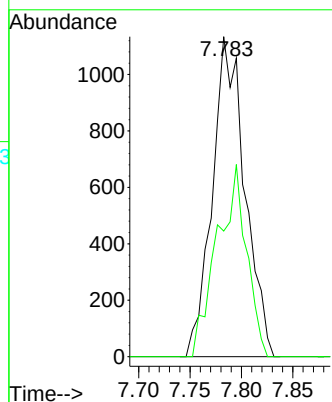
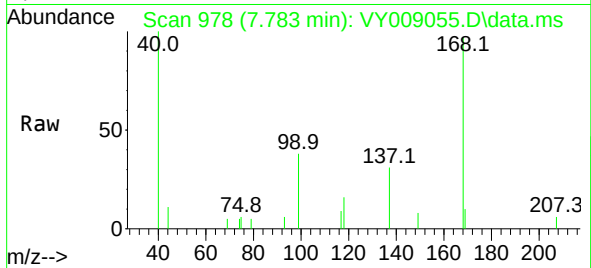




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009055.D
Acq: 24 May 2022 12:37

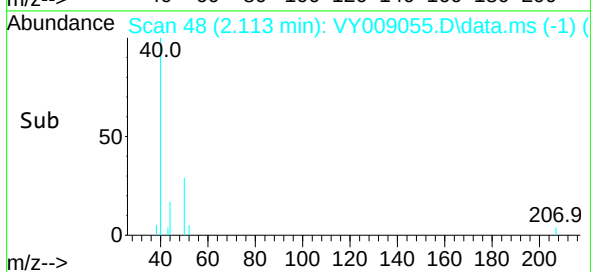
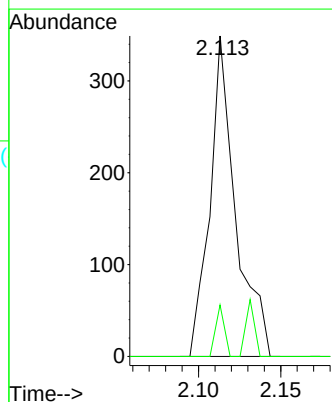
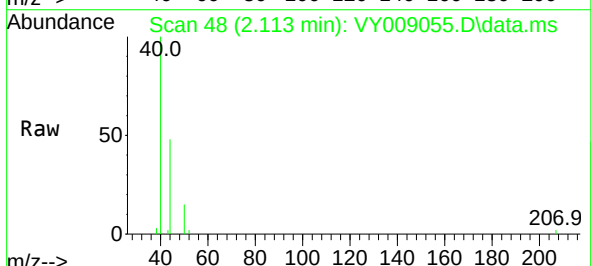
Instrument :
MSVOA_Y
ClientSampleId :
P-2

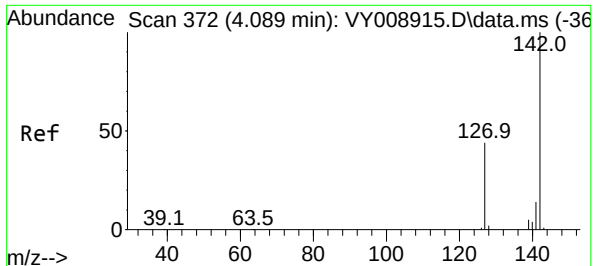
Tgt Ion:168 Resp: 2493
Ion Ratio Lower Upper
168 100
99 39.2 46.9 70.3#



#3
Chloromethane
Concen: 11.602 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY009055.D
Acq: 24 May 2022 12:37

Tgt Ion: 50 Resp: 379
Ion Ratio Lower Upper
50 100
52 16.0 24.6 37.0#





#10

Methyl Iodide

Concen: 6.786 ug/l

RT: 4.088 min Scan# 31

Delta R.T. -0.001 min

Lab File: VY009055.D

Acq: 24 May 2022 12:37

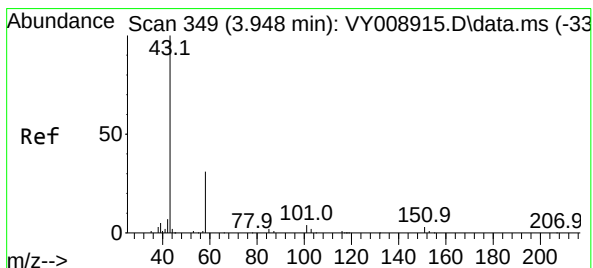
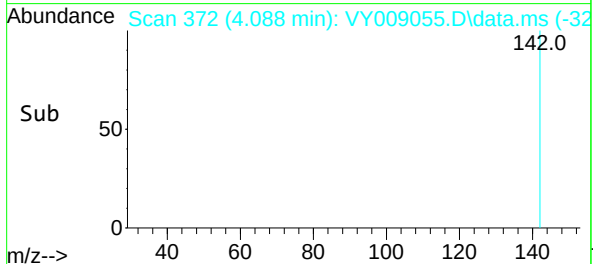
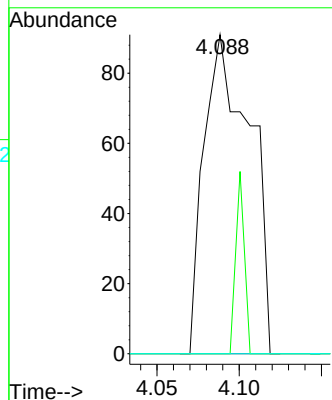
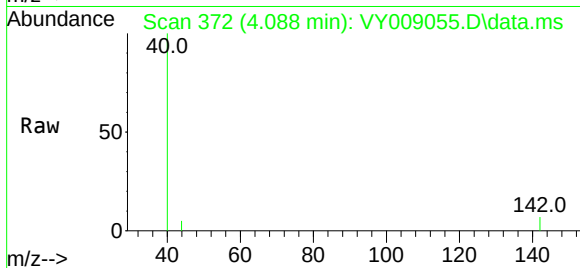
Instrument :

MSVOA_Y

ClientSampleId :

P-2

Tgt Ion:	142	Resp:	177
Ion	Ratio	Lower	Upper
142	100		
127	10.7	41.5	62.3#
141	0.0	11.9	17.9#



#16

Acetone

Concen: 28.273 ug/l

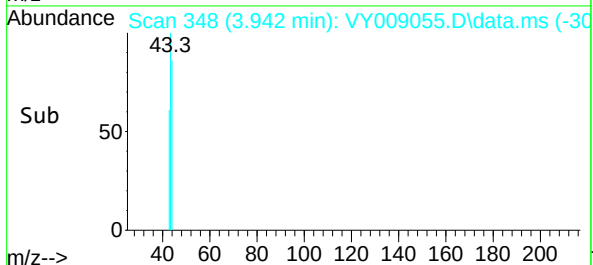
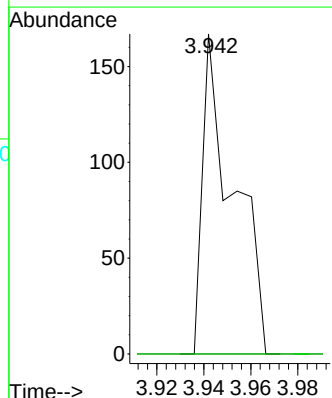
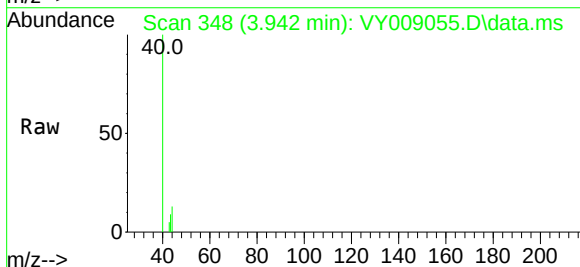
RT: 3.942 min Scan# 348

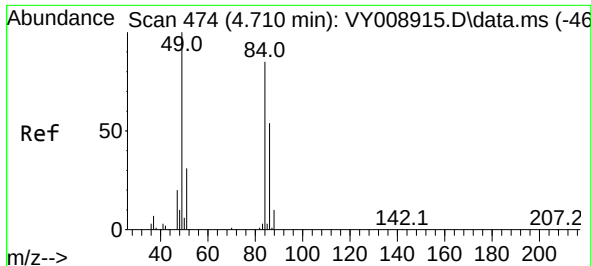
Delta R.T. -0.006 min

Lab File: VY009055.D

Acq: 24 May 2022 12:37

Tgt Ion:	43	Resp:	151
Ion	Ratio	Lower	Upper
43	100		
58	0.0	22.0	33.0#

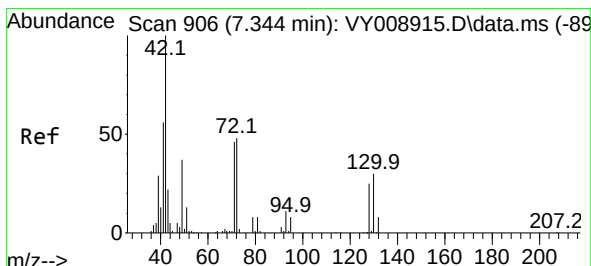
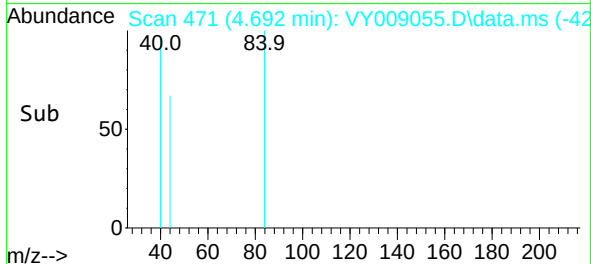
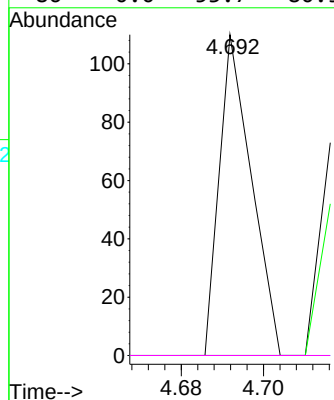
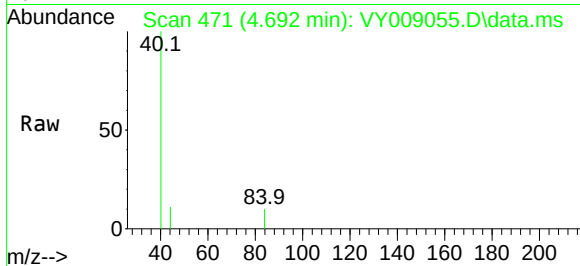




#20
Methylene Chloride
Concen: Below Cal
RT: 4.692 min Scan# 41
Delta R.T. -0.018 min
Lab File: VY009055.D
Acq: 24 May 2022 12:37

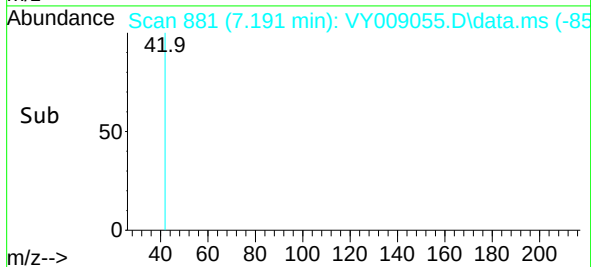
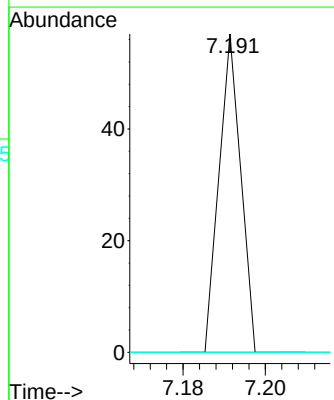
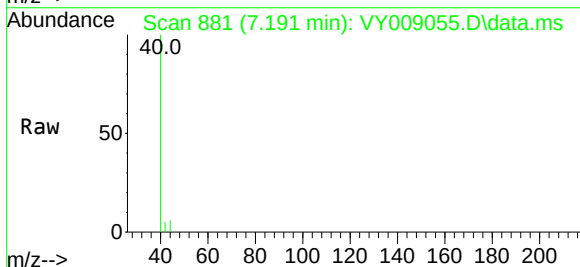
Instrument :
MSVOA_Y
ClientSampleId :
P-2

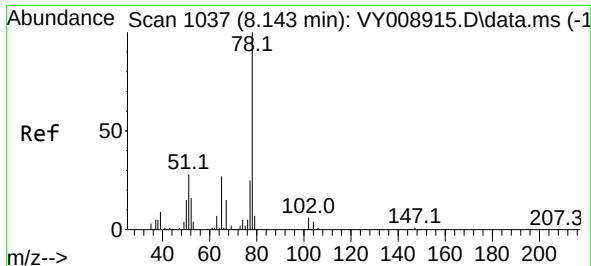
Tgt Ion: 84 Resp: 60
Ion Ratio Lower Upper
84 100
49 0.0 114.4 171.6#
51 0.0 35.3 52.9#
86 0.0 53.7 80.5#



#29
Tetrahydrofuran
Concen: 3.241 ug/l
RT: 7.191 min Scan# 881
Delta R.T. -0.153 min
Lab File: VY009055.D
Acq: 24 May 2022 12:37

Tgt Ion: 42 Resp: 21
Ion Ratio Lower Upper
42 100
72 0.0 30.3 45.5#
71 0.0 29.0 43.4#





#33

1,2-Dichloroethane-d4

Concen: 117.860 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY009055.D

Acq: 24 May 2022 12:37

Instrument :

MSVOA_Y

ClientSampleId :

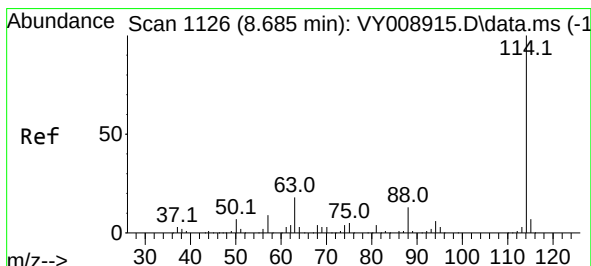
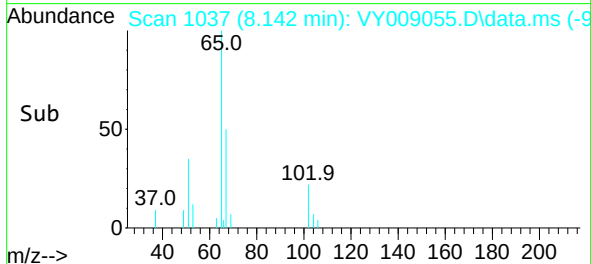
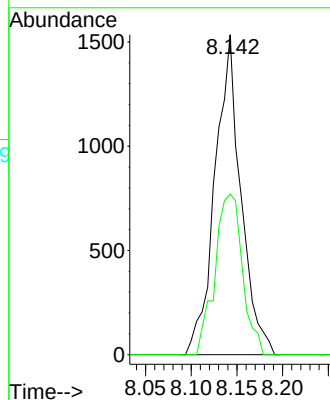
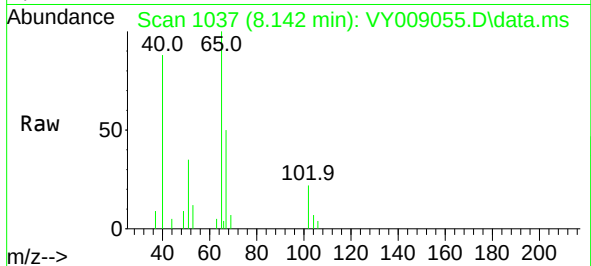
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Tgt Ion: 65 Resp: 3024

Ion Ratio Lower Upper

65 100

67 53.5 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: VY009055.D

Acq: 24 May 2022 12:37

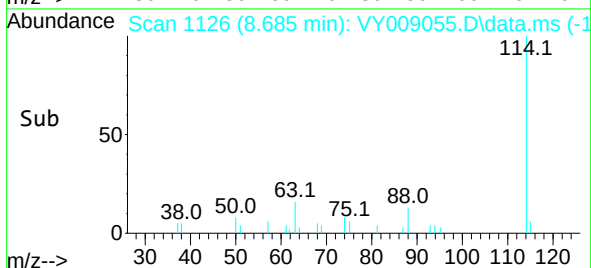
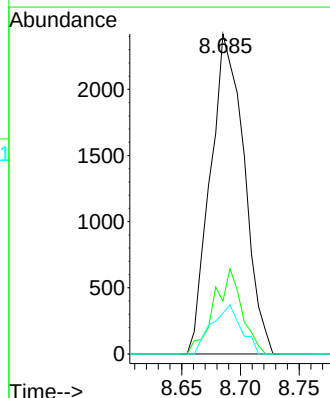
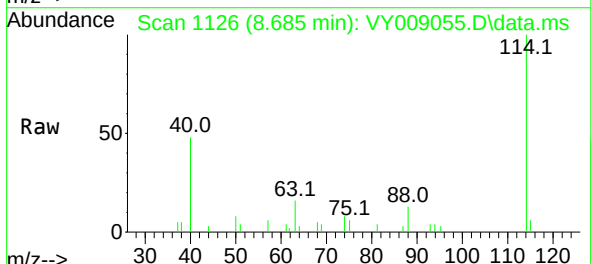
Tgt Ion: 114 Resp: 4830

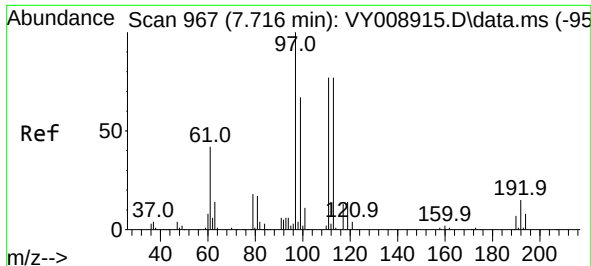
Ion Ratio Lower Upper

114 100

63 16.5 0.0 43.2

88 12.7 0.0 31.8

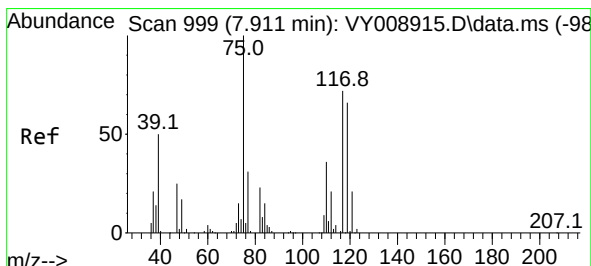
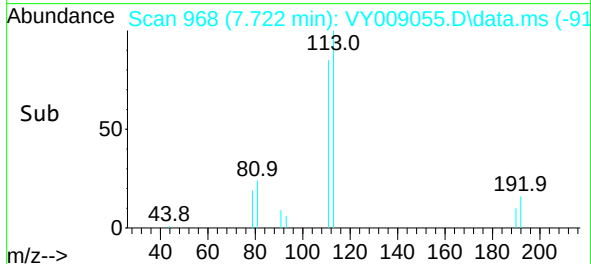
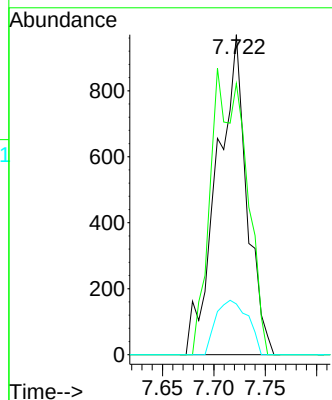
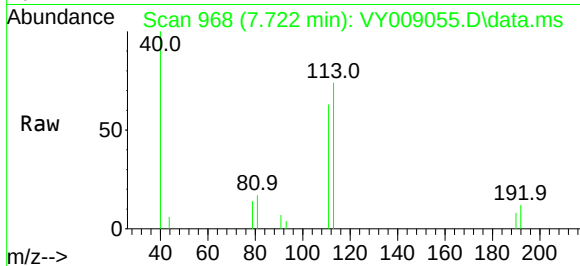




#35
Dibromofluoromethane
Concen: 65.490 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009055.D
Acq: 24 May 2022 12:37

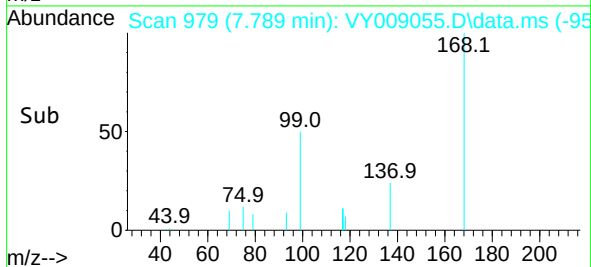
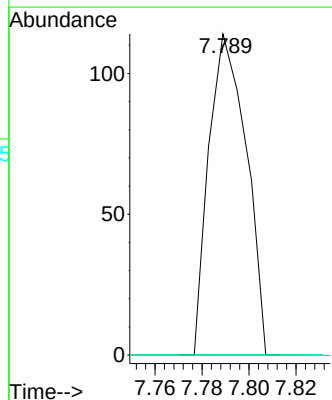
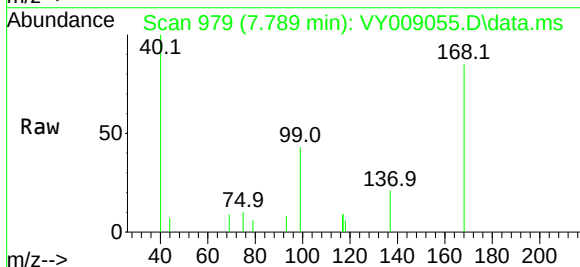
Instrument :
MSVOA_Y
ClientSampleId :
P-2

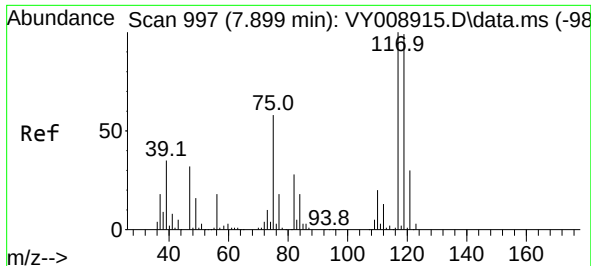
Tgt Ion:113 Resp: 1967
Ion Ratio Lower Upper
113 100
111 105.4 82.6 124.0
192 18.3 17.6 26.4



#36
1,1-Dichloropropene
Concen: 2.465 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY009055.D
Acq: 24 May 2022 12:37

Tgt Ion: 75 Resp: 126
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 0.0 24.4 36.6#

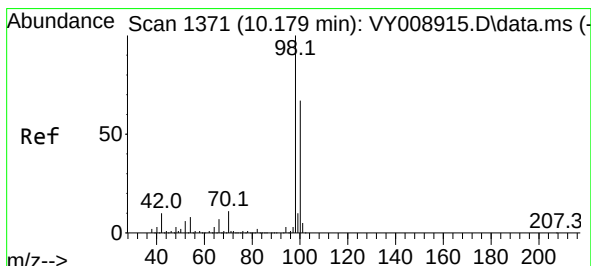
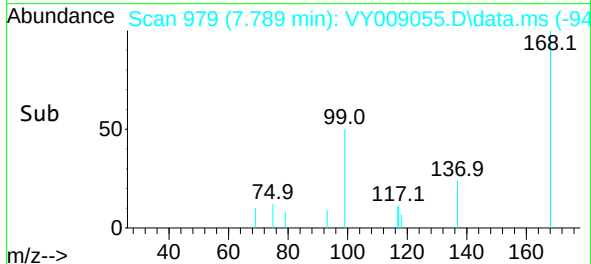
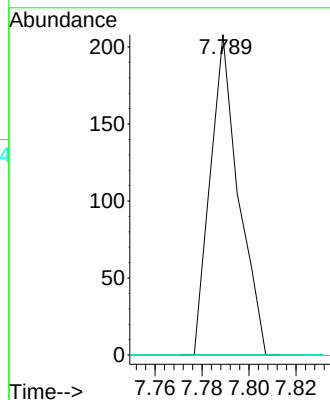
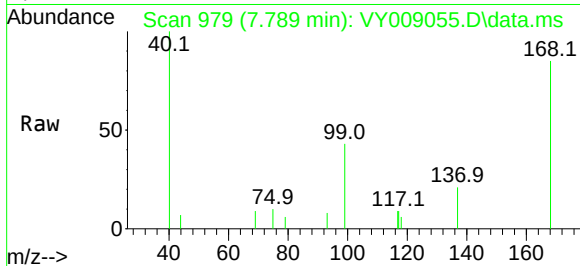




#38
Carbon Tetrachloride
Concen: 3.254 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009055.D
Acq: 24 May 2022 12:37

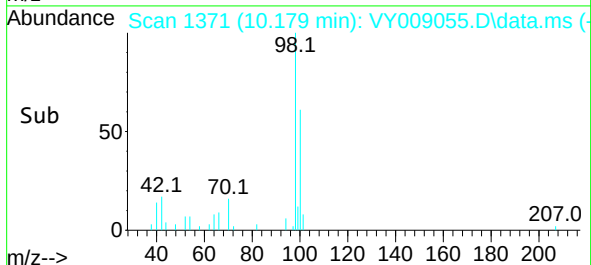
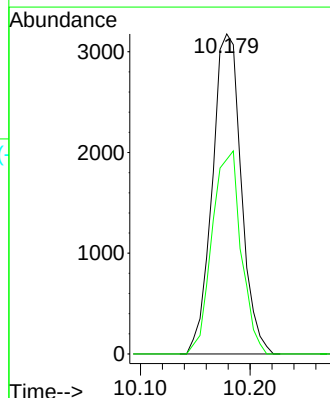
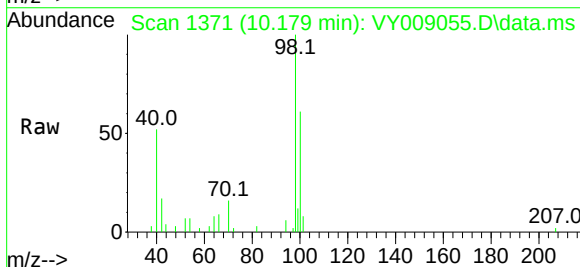
Instrument :
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ClientSampleId :
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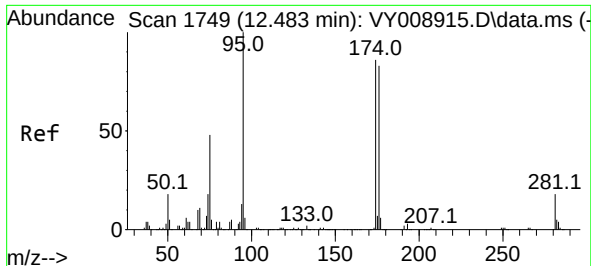
Tgt Ion:117 Resp: 174
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.616 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009055.D
Acq: 24 May 2022 12:37

Tgt Ion: 98 Resp: 5830
Ion Ratio Lower Upper
98 100
100 63.7 50.2 75.2

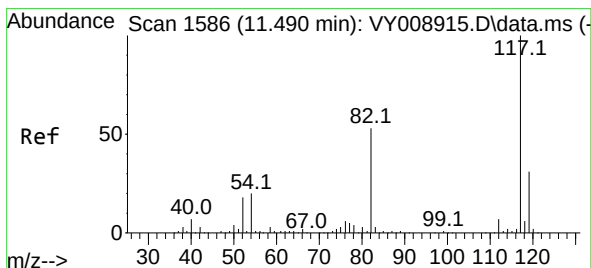
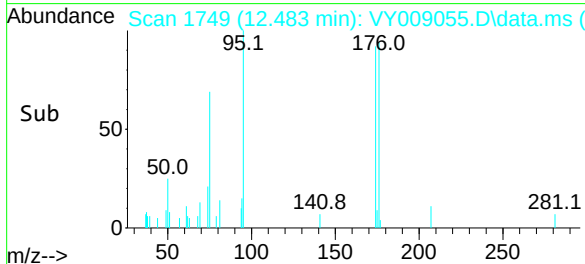
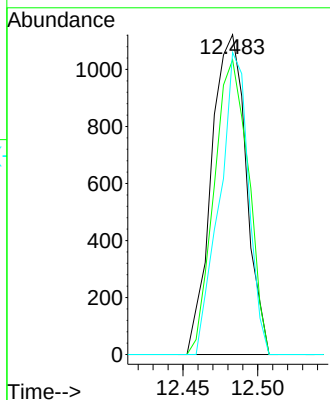
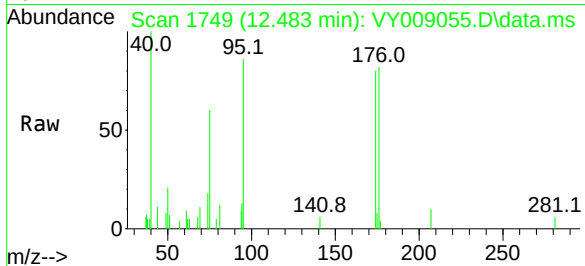




#62
4-Bromofluorobenzene
Concen: 40.629 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009055.D
Acq: 24 May 2022 12:37

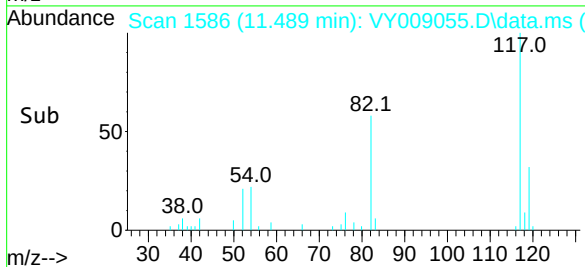
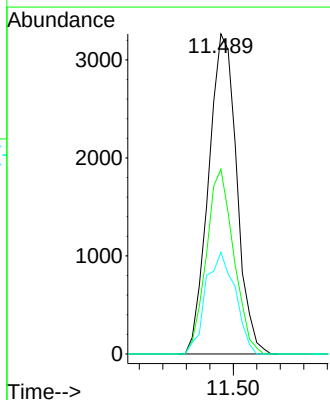
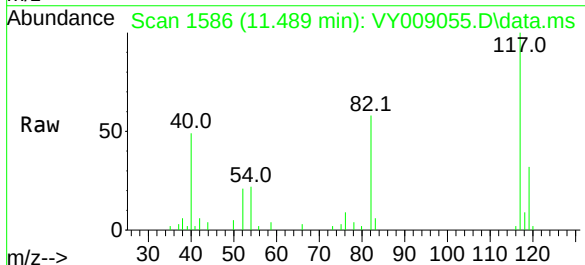
Instrument :
MSVOA_Y
ClientSampleId :
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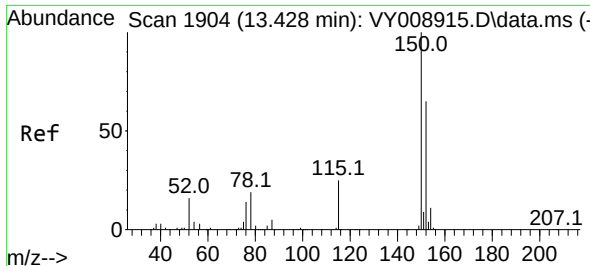
Tgt Ion: 95 Resp: 1816
Ion Ratio Lower Upper
95 100
174 90.7 0.0 177.0
176 78.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY009055.D
Acq: 24 May 2022 12:37

Tgt Ion: 117 Resp: 5433
Ion Ratio Lower Upper
117 100
82 57.8 43.0 64.4
119 31.8 25.4 38.0

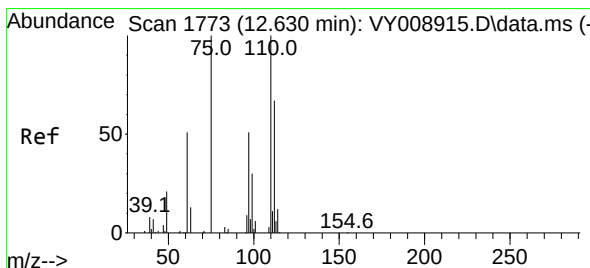
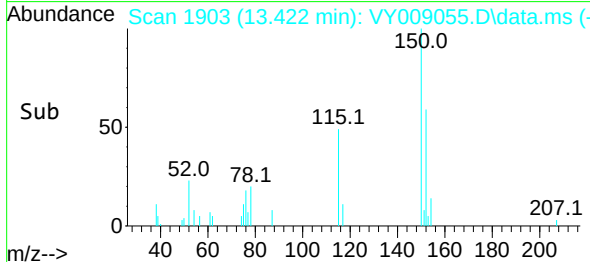
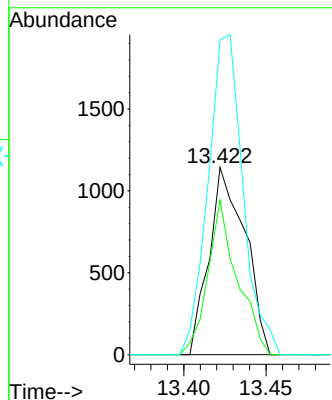
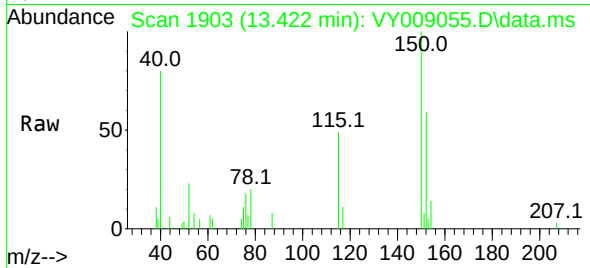




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1742
 Delta R.T. -0.006 min
 Lab File: VY009055.D
 Acq: 24 May 2022 12:37

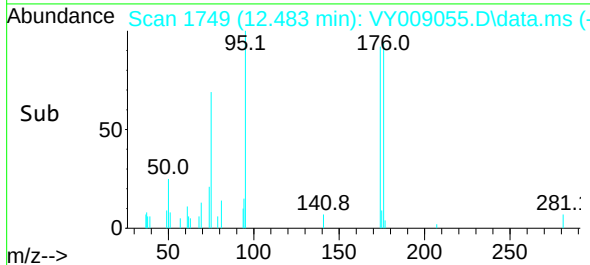
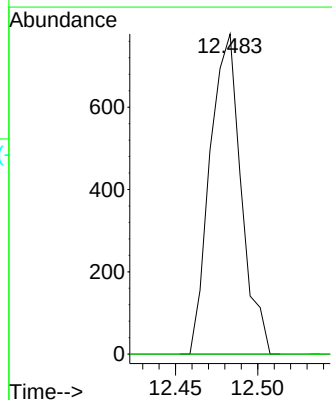
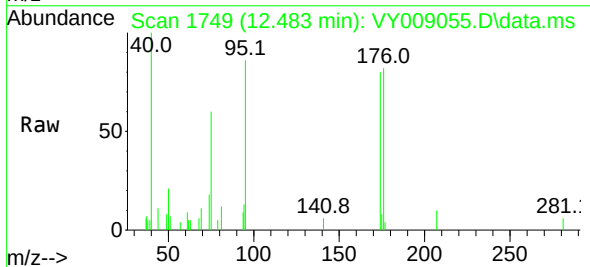
Instrument :
 MSVOA_Y
 ClientSampleId :
 P-2

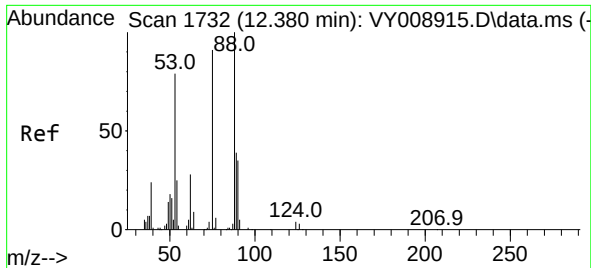
Tgt Ion:152 Resp: 1742
 Ion Ratio Lower Upper
 152 100
 115 67.3 28.2 84.7
 150 165.7 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 54.953 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY009055.D
 Acq: 24 May 2022 12:37

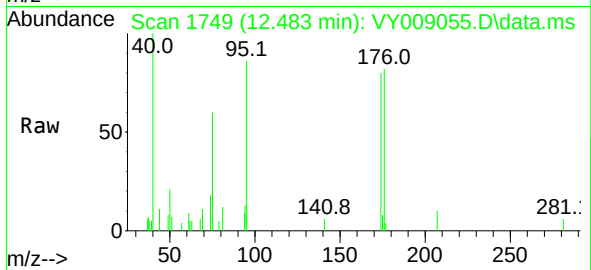
Tgt Ion: 75 Resp: 1028
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 112.791 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY009055.D
Acq: 24 May 2022 12:37

Instrument :
MSVOA_Y
ClientSampleId :
P-2



Tgt Ion:	75	Resp:	1028
Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.0	37.0	55.4#

