

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008982.D
 Acq On : 22 May 2022 05:25
 Operator : KP/MD
 Sample : N2887-15
 Misc : 2.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P039-SS001-1824-01

Quant Time: May 23 02:26:54 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)

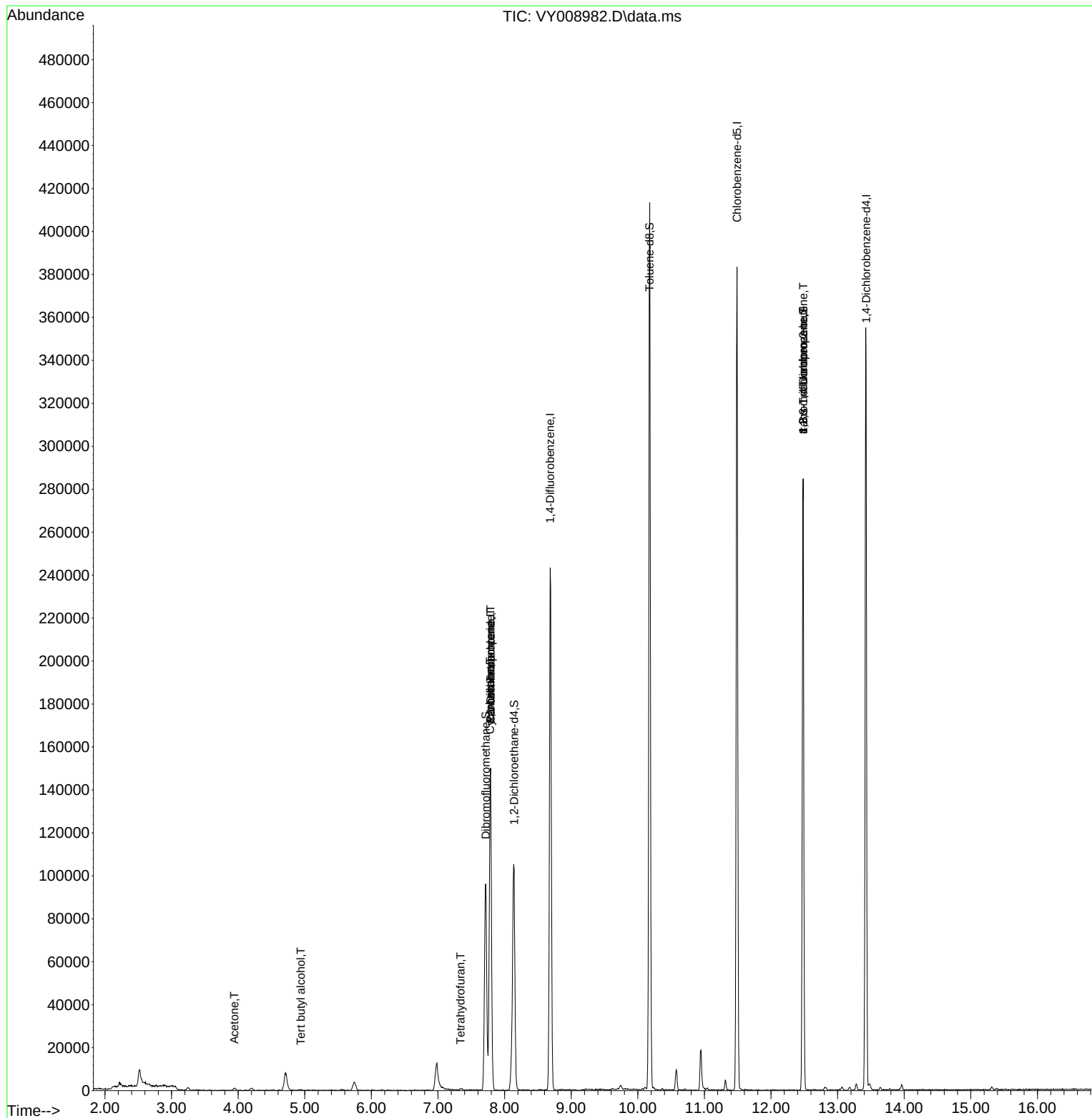
Internal Standards						
1) Pentafluorobenzene	7.789	168	113216	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	205329	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	195913	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	85000	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	73339	62.941	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.880%	
35) Dibromofluoromethane	7.716	113	65292	51.136	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.280%	
50) Toluene-d8	10.179	98	257886	54.748	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.500%	
62) 4-Bromofluorobenzene	12.483	95	74186	39.043	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 78.080%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	178	1.506	ug/l #	77
16) Acetone	3.942	43	1661	6.848	ug/l	95
20) Methylene Chloride	4.704	84	5704	Below Cal		90
29) Tetrahydrofuran	7.338	42	587	1.995	ug/l #	66
31) Cyclohexane	7.783	56	2827	1.240	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	9650	4.441	ug/l #	51
38) Carbon Tetrachloride	7.789	117	11438	5.032	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	42401	46.452	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	42401	95.342	ug/l #	7

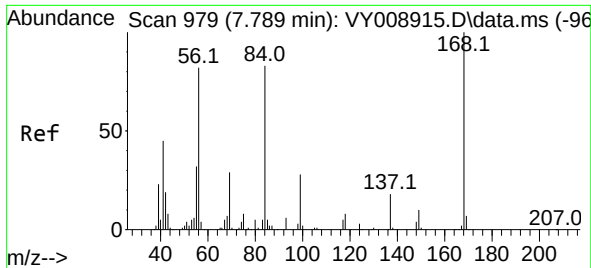
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 20 23:50:52 2022
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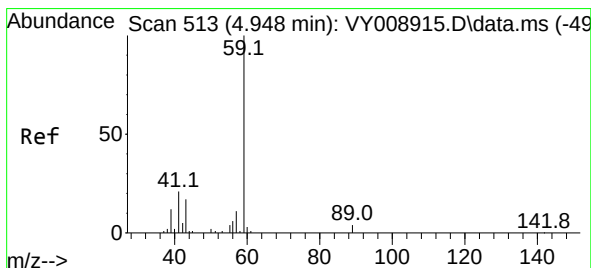
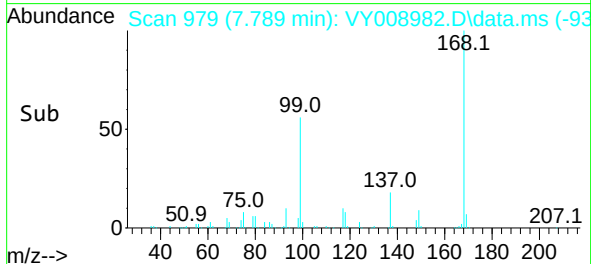
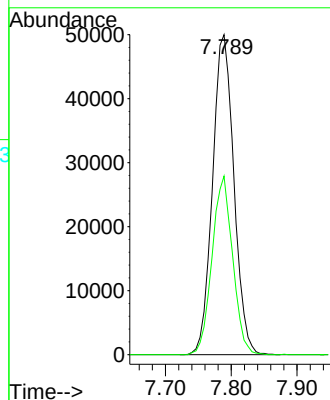
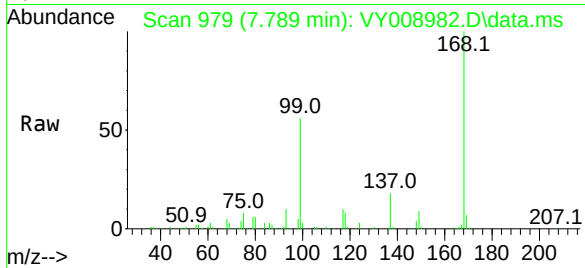




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008982.D
Acq: 22 May 2022 05:25

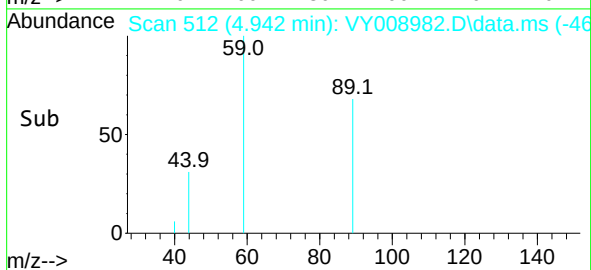
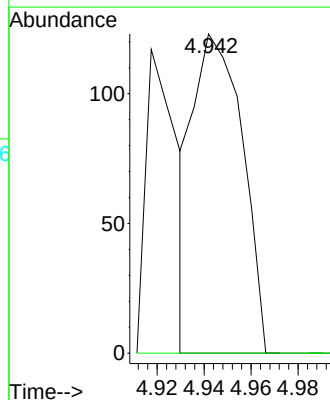
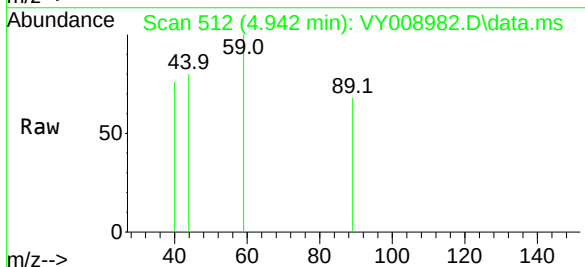
Instrument :
MSVOA_Y
ClientSampleId :
P039-SS001-1824-01

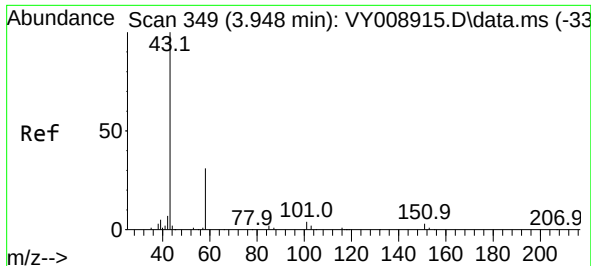
Tgt Ion:168 Resp: 113216
Ion Ratio Lower Upper
168 100
99 55.8 46.9 70.3



#11
Tert butyl alcohol
Concen: 1.506 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY008982.D
Acq: 22 May 2022 05:25

Tgt Ion: 59 Resp: 178
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

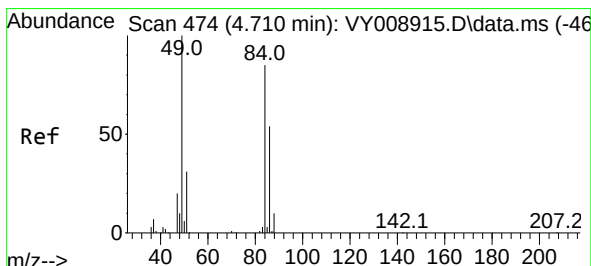
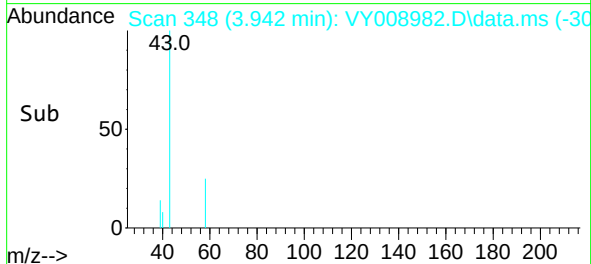
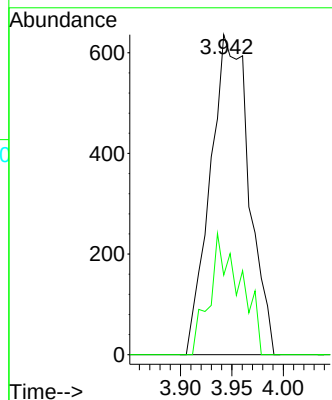
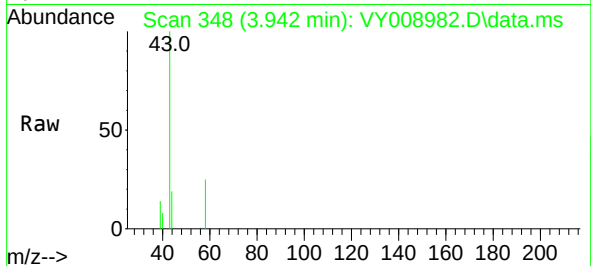




#16
Acetone
Concen: 6.848 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY008982.D
Acq: 22 May 2022 05:25

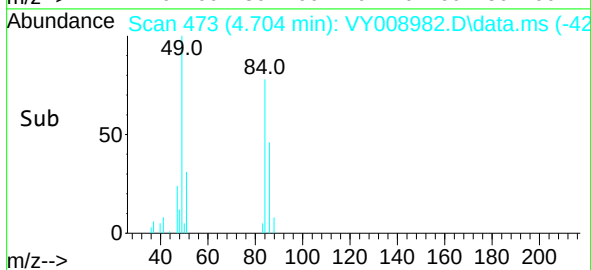
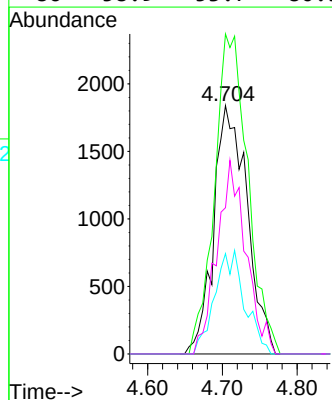
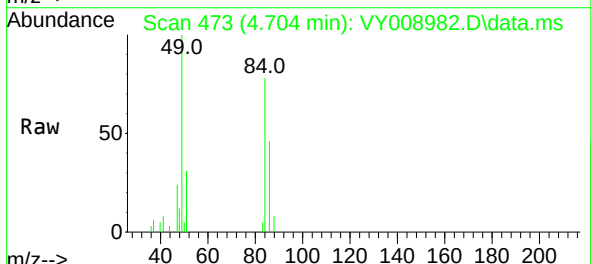
Instrument :
MSVOA_Y
ClientSampleId :
P039-SS001-1824-01

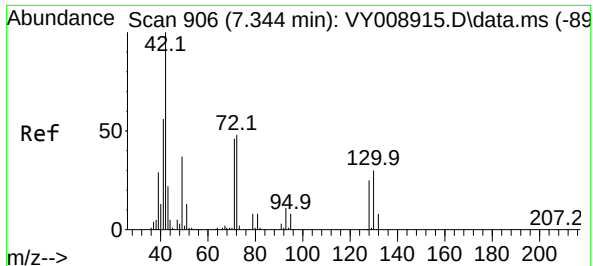
Tgt Ion: 43 Resp: 1661
Ion Ratio Lower Upper
43 100
58 24.8 22.0 33.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY008982.D
Acq: 22 May 2022 05:25

Tgt Ion: 84 Resp: 5704
Ion Ratio Lower Upper
84 100
49 128.9 114.4 171.6
51 40.4 35.3 52.9
86 58.9 53.7 80.5





#29

Tetrahydrofuran

Concen: 1.995 ug/l

RT: 7.338 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY008982.D

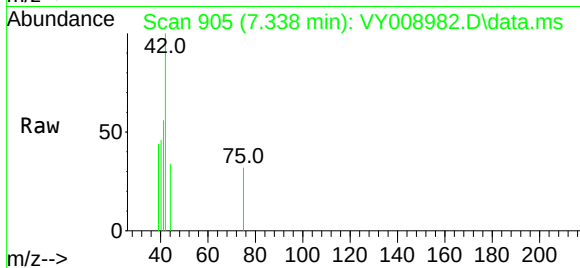
Acq: 22 May 2022 05:25

Instrument :

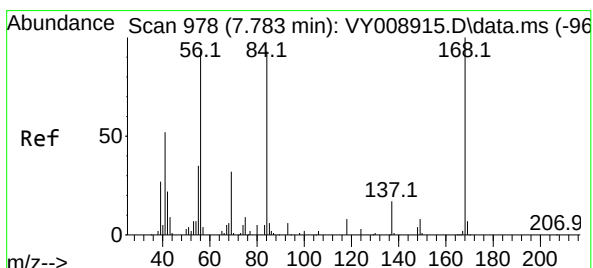
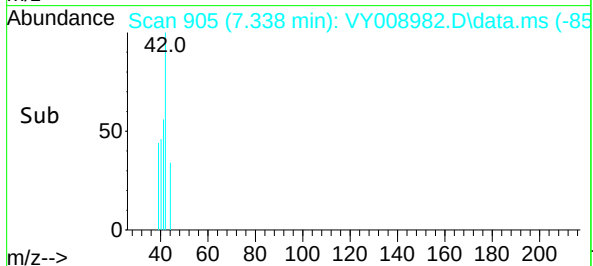
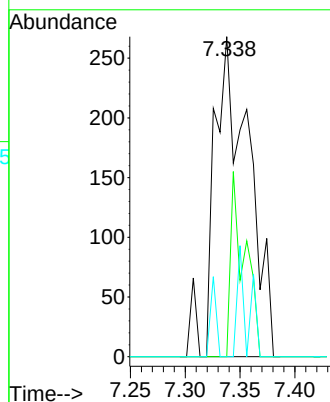
MSVOA_Y

ClientSampleId :

P039-SS001-1824-01



Tgt Ion:	42	Resp:	587
Ion	Ratio	Lower	Upper
42	100		
72	23.9	30.3	45.5#
71	10.1	29.0	43.4#



#31

Cyclohexane

Concen: 1.240 ug/l

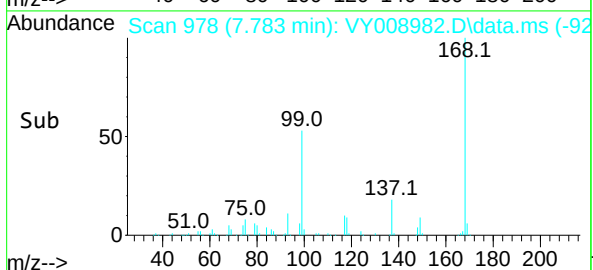
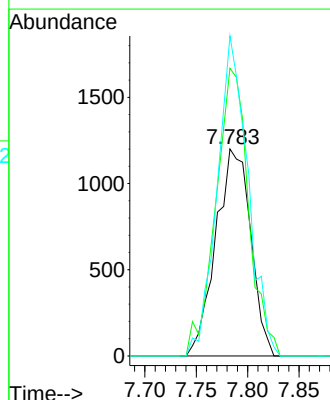
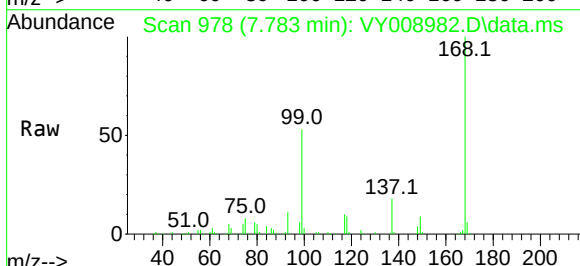
RT: 7.783 min Scan# 978

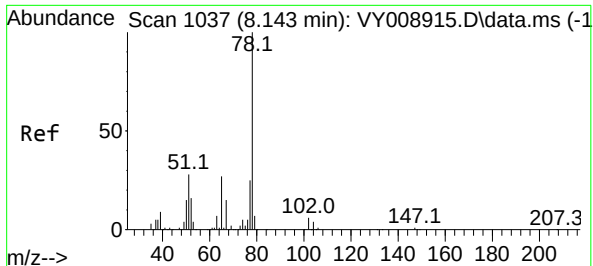
Delta R.T. -0.000 min

Lab File: VY008982.D

Acq: 22 May 2022 05:25

Tgt Ion:	56	Resp:	2827
Ion	Ratio	Lower	Upper
56	100		
69	139.0	26.7	40.1#
84	154.5	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 62.941 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY008982.D

Acq: 22 May 2022 05:25

Instrument :

MSVOA_Y

ClientSampleId :

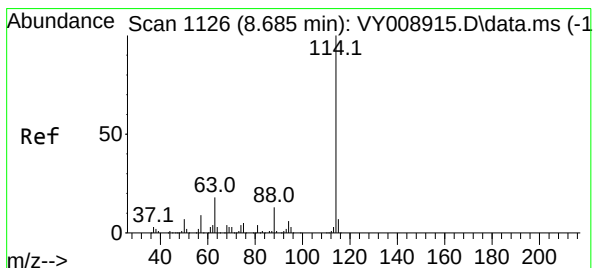
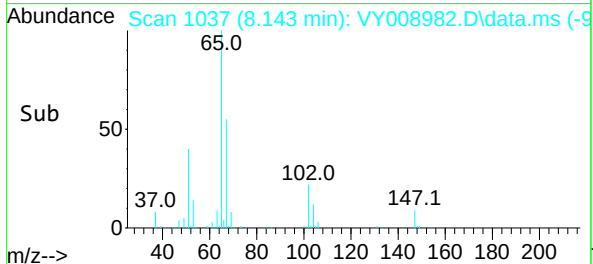
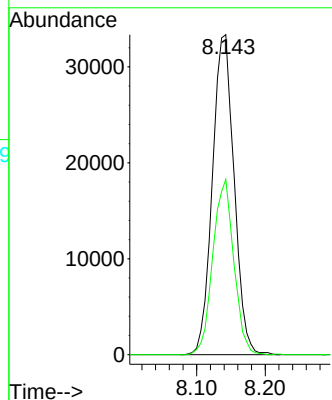
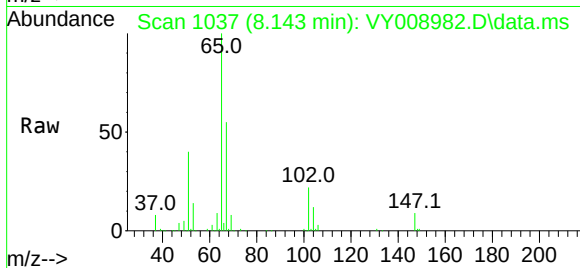
P039-SS001-1824-01

Tgt Ion: 65 Resp: 73339

Ion Ratio Lower Upper

65 100

67 52.8 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: VY008982.D

Acq: 22 May 2022 05:25

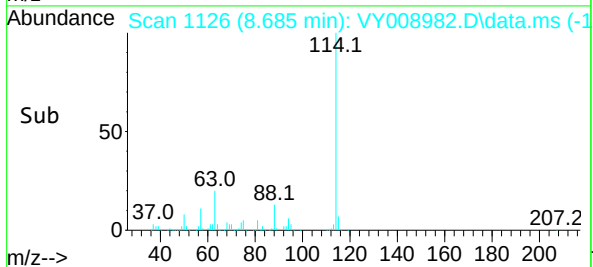
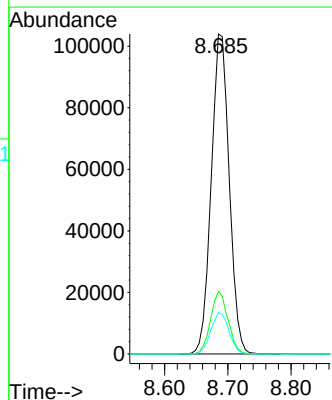
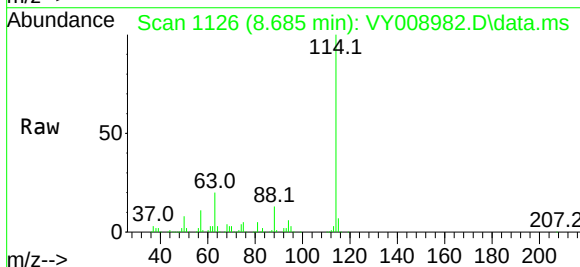
Tgt Ion:114 Resp: 205329

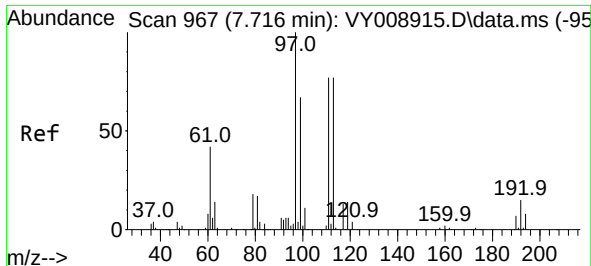
Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 13.0 0.0 31.8

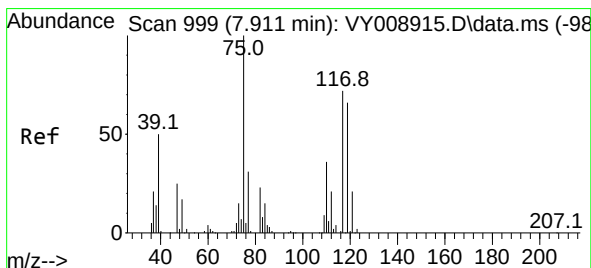
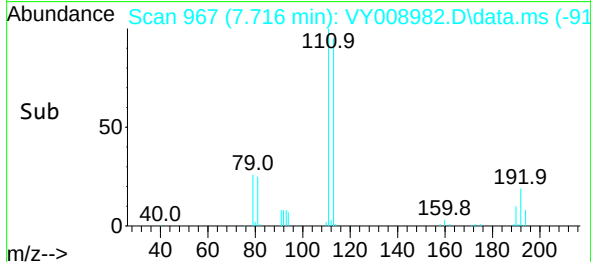
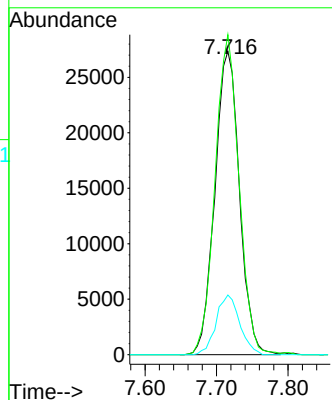
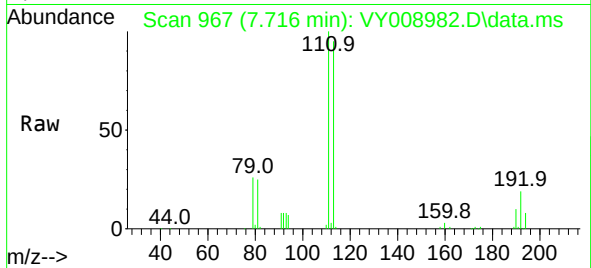




#35
Dibromofluoromethane
Concen: 51.136 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY008982.D
Acq: 22 May 2022 05:25

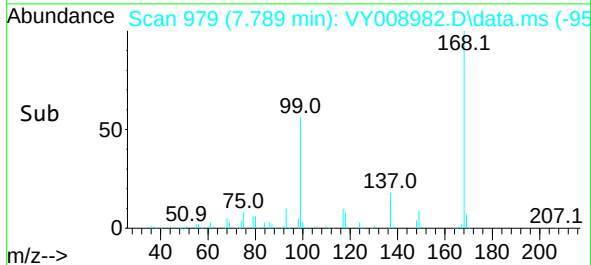
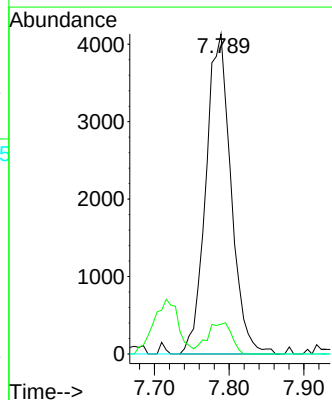
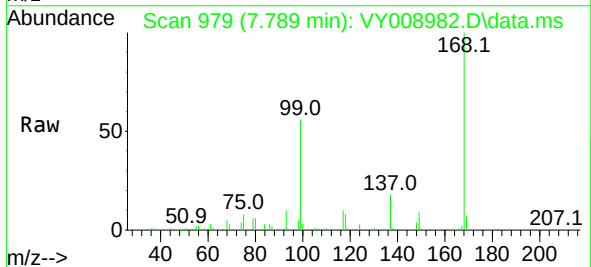
Instrument :
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P039-SS001-1824-01

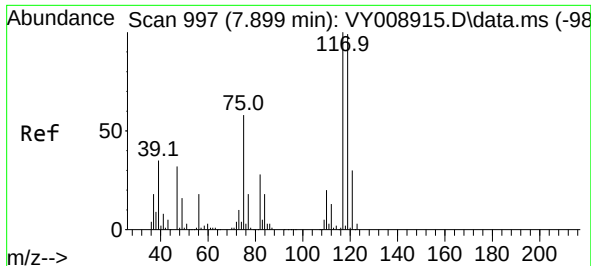
Tgt Ion:113 Resp: 65292
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 18.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.441 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY008982.D
Acq: 22 May 2022 05:25

Tgt Ion: 75 Resp: 9650
Ion Ratio Lower Upper
75 100
110 9.5 17.1 51.2#
77 0.0 24.4 36.6#

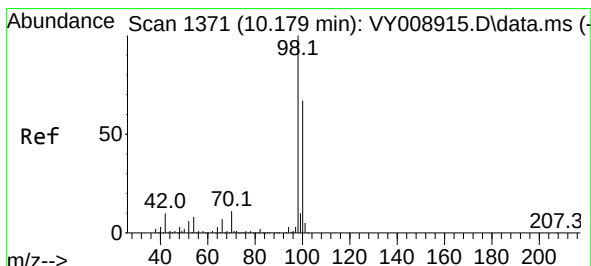
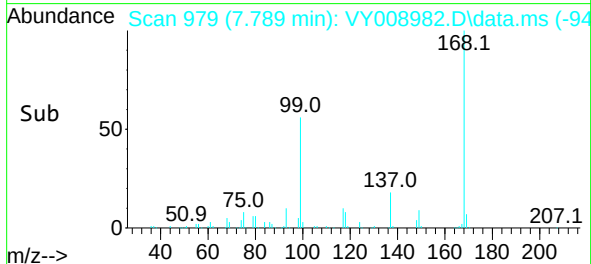
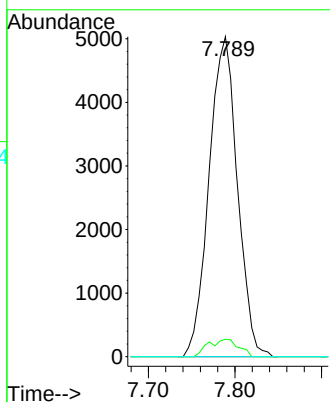
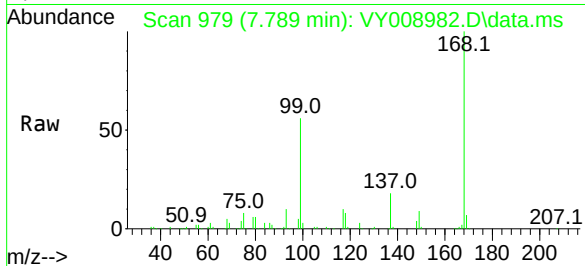




#38
Carbon Tetrachloride
Concen: 5.032 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008982.D
Acq: 22 May 2022 05:25

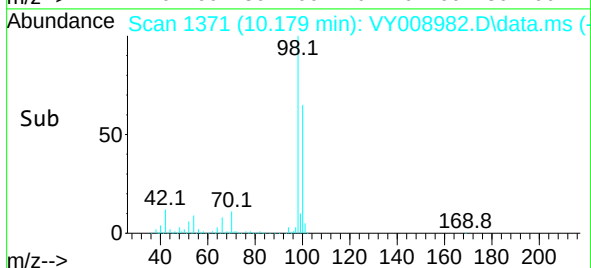
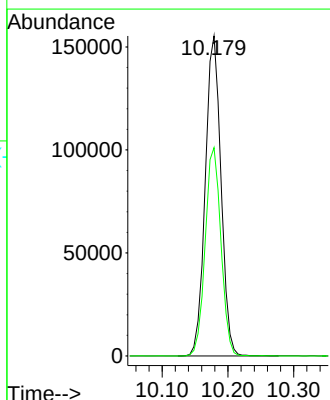
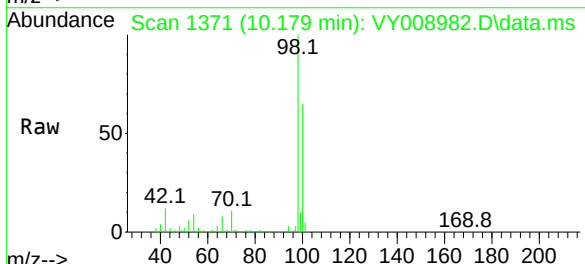
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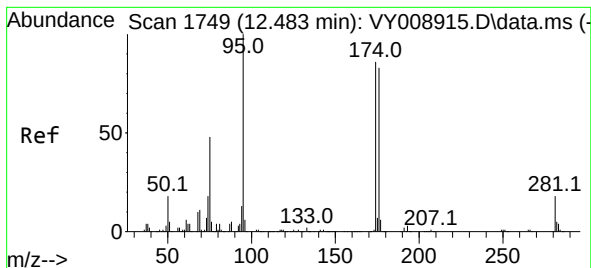
Tgt Ion:117 Resp: 11438
Ion Ratio Lower Upper
117 100
119 5.4 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.748 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008982.D
Acq: 22 May 2022 05:25

Tgt Ion: 98 Resp: 257886
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2

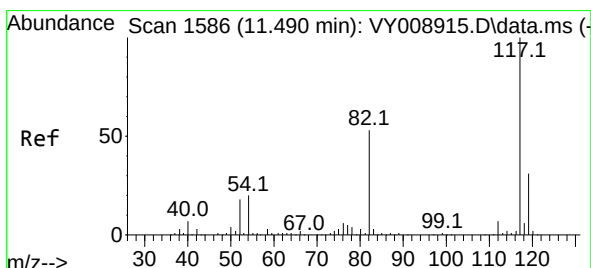
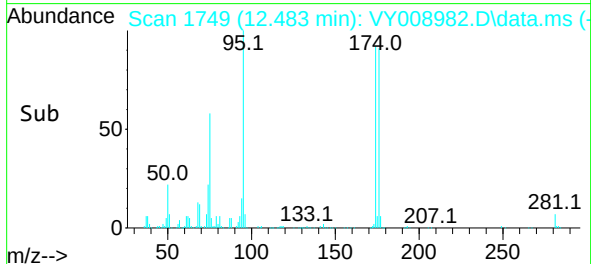
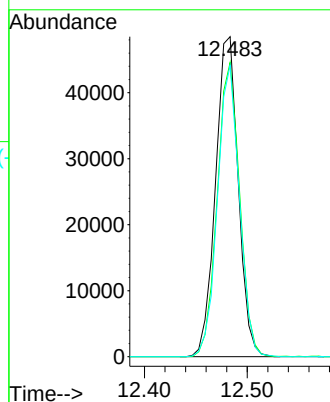
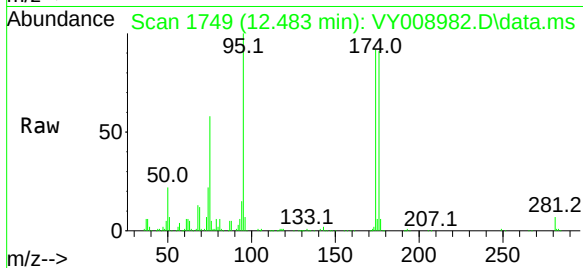




#62
4-Bromofluorobenzene
Concen: 39.043 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008982.D
Acq: 22 May 2022 05:25

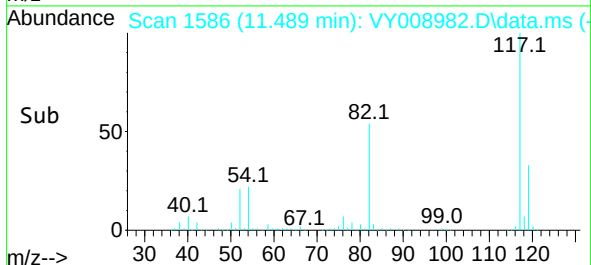
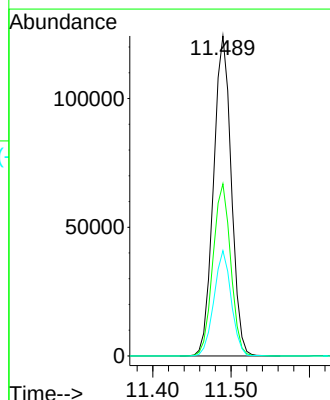
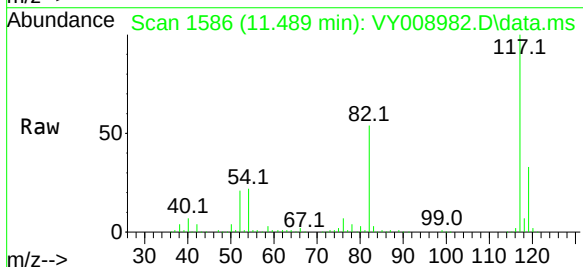
Instrument :
MSVOA_Y
ClientSampleId :
P039-SS001-1824-01

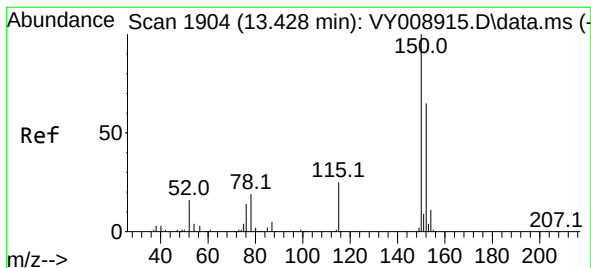
Tgt Ion: 95 Resp: 74186
Ion Ratio Lower Upper
95 100
174 90.6 0.0 177.0
176 87.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY008982.D
Acq: 22 May 2022 05:25

Tgt Ion: 117 Resp: 195913
Ion Ratio Lower Upper
117 100
82 53.8 43.0 64.4
119 32.9 25.4 38.0

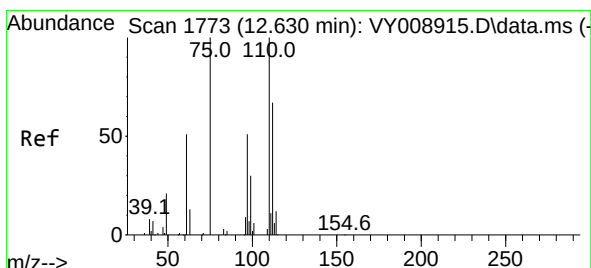
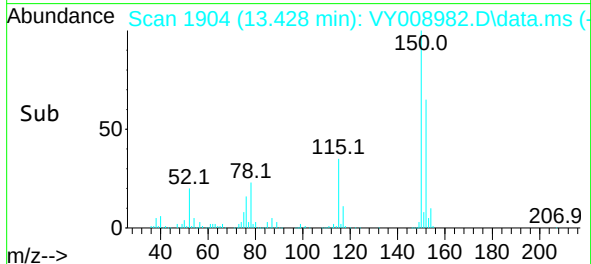
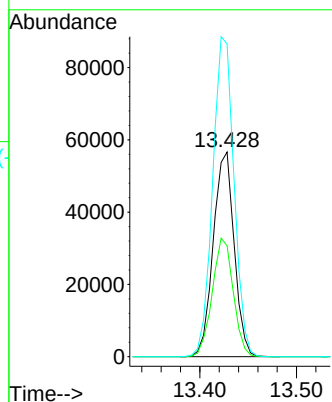
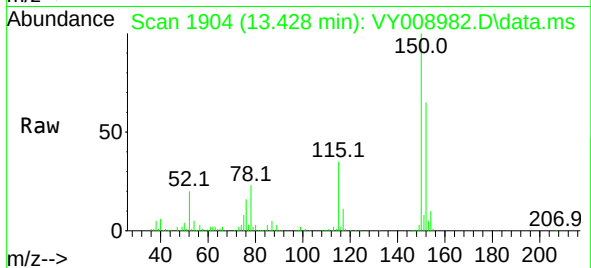




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008982.D
 Acq: 22 May 2022 05:25

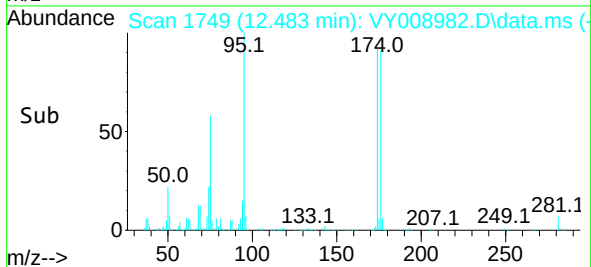
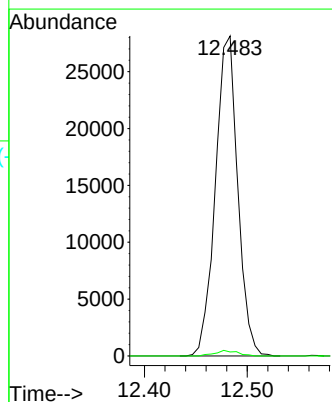
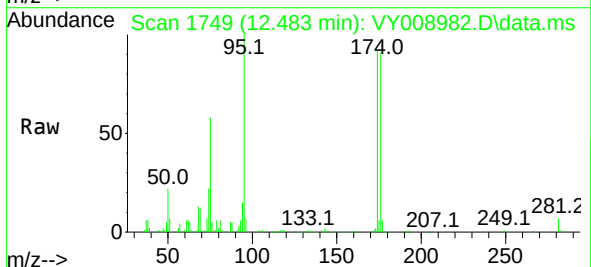
Instrument :
 MSVOA_Y
 ClientSampleId :
 P039-SS001-1824-01

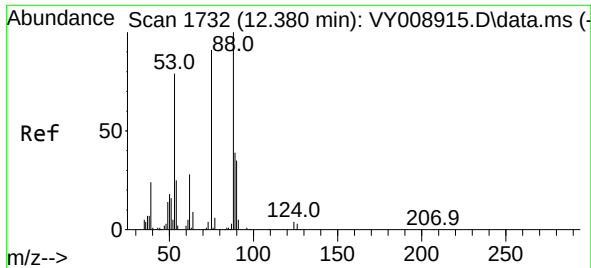
Tgt Ion:152 Resp: 85000
 Ion Ratio Lower Upper
 152 100
 115 58.0 28.2 84.7
 150 159.1 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 46.452 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY008982.D
 Acq: 22 May 2022 05:25

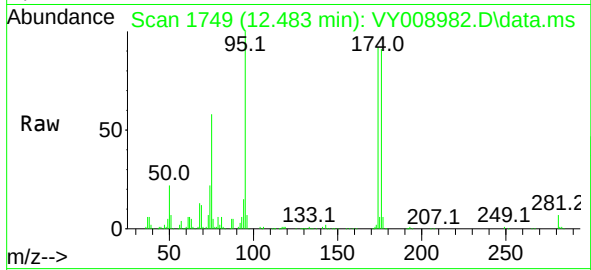
Tgt Ion: 75 Resp: 42401
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.342 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY008982.D
 Acq: 22 May 2022 05:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 P039-SS001-1824-01



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

