

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062322\
 Data File : VY009294.D
 Acq On : 23 Jun 2022 14:49
 Operator : KP/MD
 Sample : N3469-03
 Misc : 7.66g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 XRDS-SCREENED-CLEAN-FILL-SP-1-GRAB

Quant Time: Jun 24 09:23:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 14:08:27 2022
 Response via : Initial Calibration

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

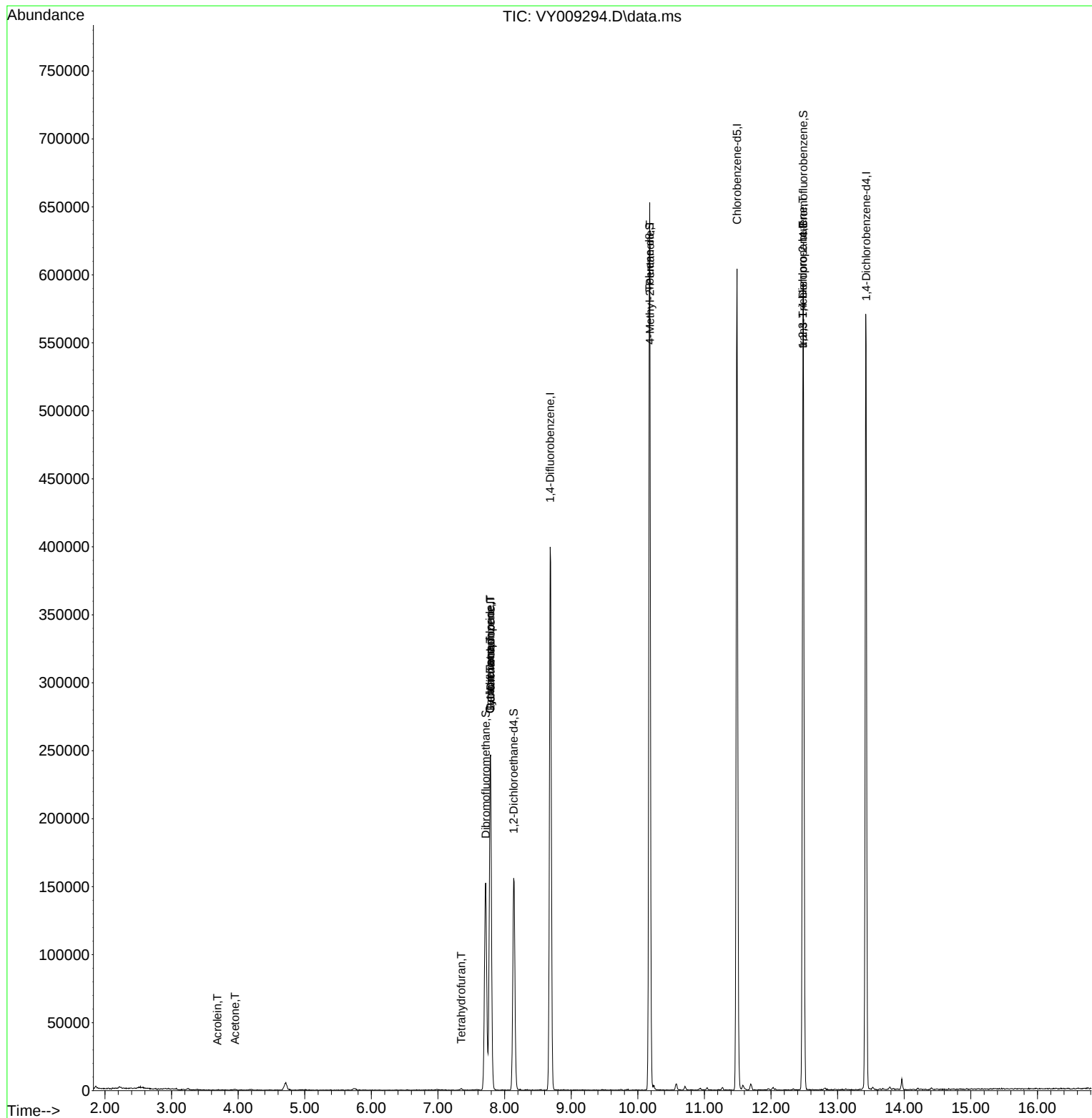
Internal Standards						
1) Pentafluorobenzene	7.789	168	195221	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	341079	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	322062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	146963	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	119134	55.565	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	111.120%	
35) Dibromofluoromethane	7.715	113	105539	47.779	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	95.560%	
50) Toluene-d8	10.178	98	417237	49.171	ug/l	0.00
Spiked Amount 50.000	Range 49	- 140	Recovery	=	98.340%	
62) 4-Bromofluorobenzene	12.483	95	142174	47.682	ug/l	0.00
Spiked Amount 50.000	Range 25	- 144	Recovery	=	95.360%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	492	Below Cal	#	77
13) Acrolein	3.686	56	37	30.405	ug/l #	14
16) Acetone	3.954	43	988	1.865	ug/l	90
18) Methyl Acetate	4.484	43	375	Below Cal	#	56
20) Methylene Chloride	4.698	84	3478	Below Cal	#	75
29) Tetrahydrofuran	7.350	42	709	1.309	ug/l #	74
31) Cyclohexane	7.782	56	3813	1.024	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	14997	4.461	ug/l #	51
38) Carbon Tetrachloride	7.782	117	18633	5.331	ug/l #	16
51) 4-Methyl-2-Pentanone	10.184	43	2182	1.126	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	73146	42.453	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	73146	90.014	ug/l #	8

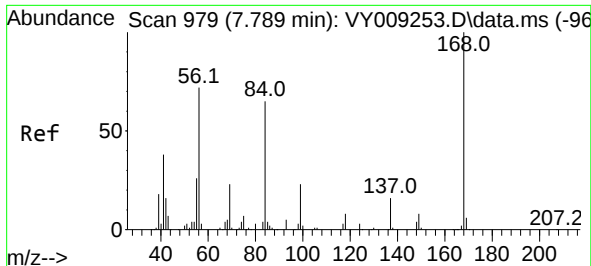
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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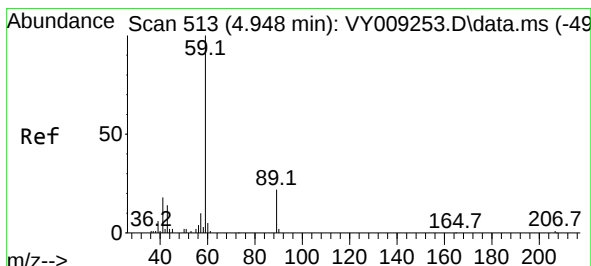
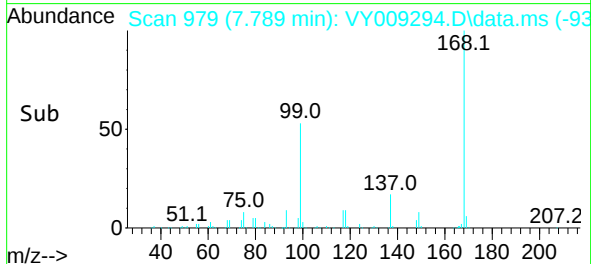
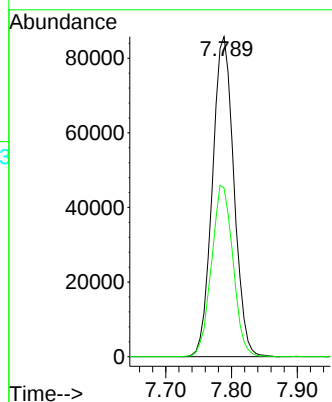
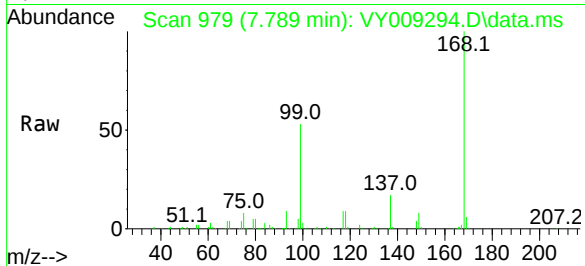




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009294.D
Acq: 23 Jun 2022 14:49

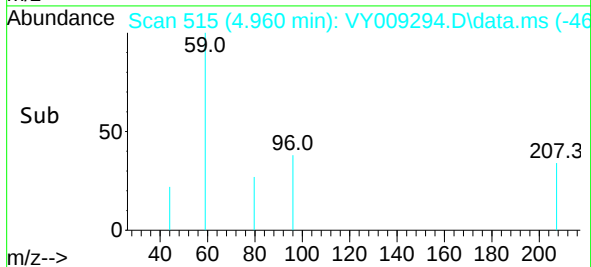
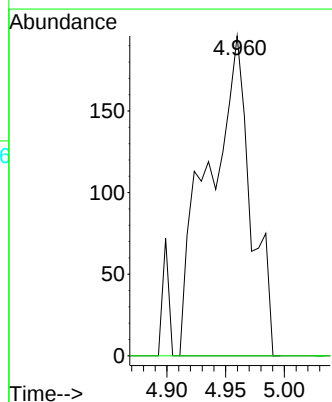
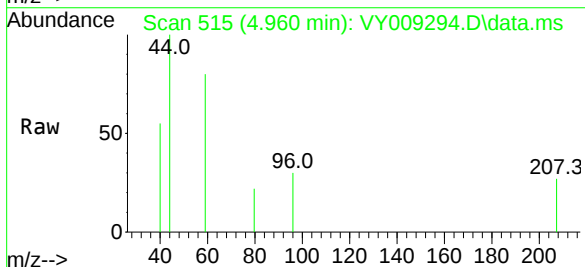
Instrument :
MSVOA_Y
ClientSampleId :
XRDS-SCREENED-CLEAN-FILL-SP-1-GRAB

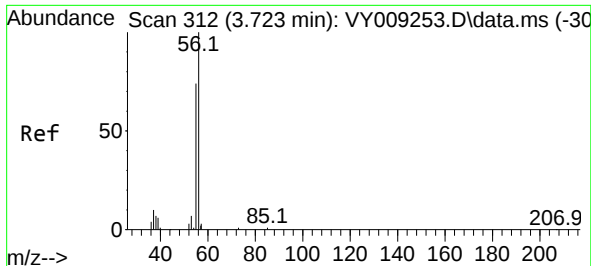
Tgt Ion:168 Resp: 195221
Ion Ratio Lower Upper
168 100
99 52.7 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 515
Delta R.T. 0.012 min
Lab File: VY009294.D
Acq: 23 Jun 2022 14:49

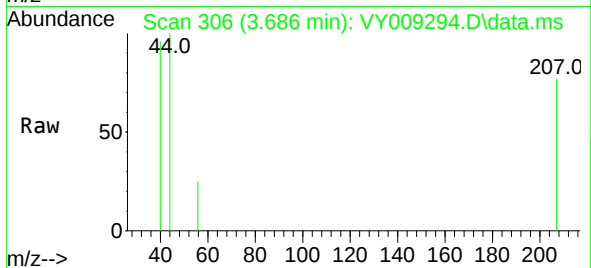
Tgt Ion: 59 Resp: 492
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



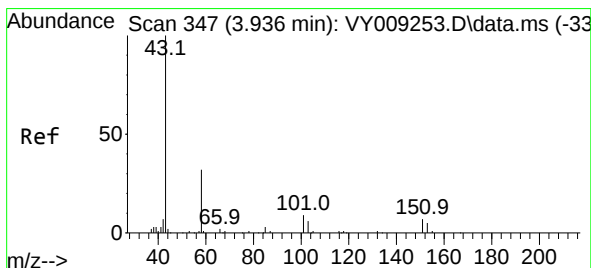
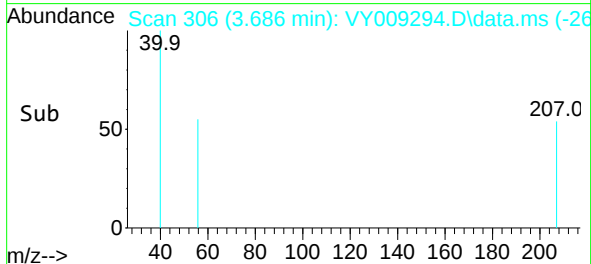
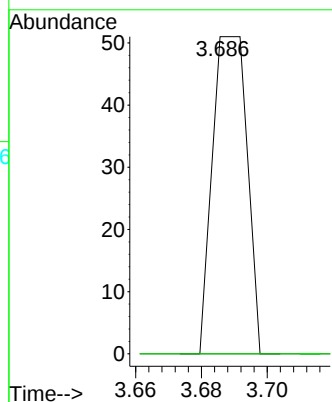


#13
Acrolein
Concen: 30.405 ug/l
RT: 3.686 min Scan# 306
Delta R.T. -0.037 min
Lab File: VY009294.D
Acq: 23 Jun 2022 14:49

Instrument : MSVOA_Y
ClientSampleId : XRDS-SCREENED-CLEAN-FILL-SP-1-GRAB

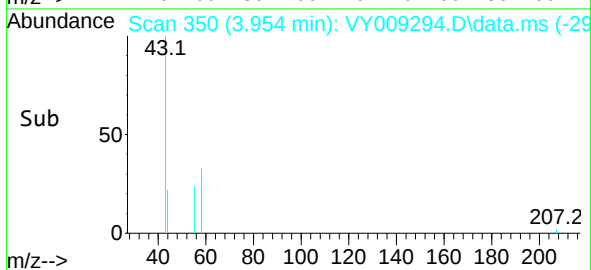
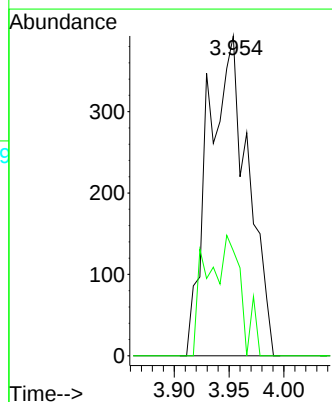
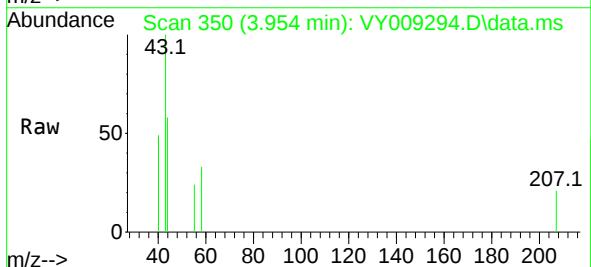


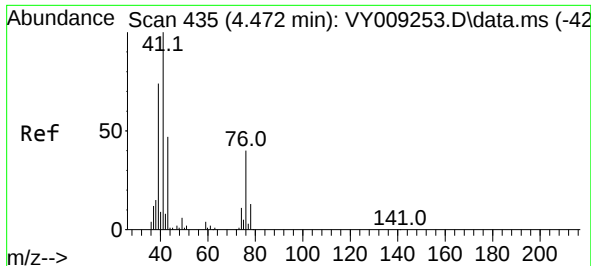
Tgt Ion: 56 Resp: 37
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#



#16
Acetone
Concen: 1.865 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.018 min
Lab File: VY009294.D
Acq: 23 Jun 2022 14:49

Tgt Ion: 43 Resp: 988
Ion Ratio Lower Upper
43 100
58 32.8 22.0 33.0





#18

Methyl Acetate

Concen: Below Cal

RT: 4.484 min Scan# 41

Delta R.T. 0.012 min

Lab File: VY009294.D

Acq: 23 Jun 2022 14:49

Instrument :

MSVOA_Y

ClientSampleId :

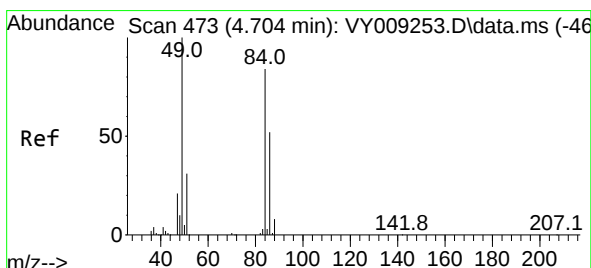
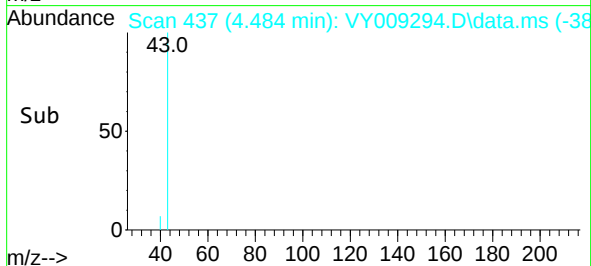
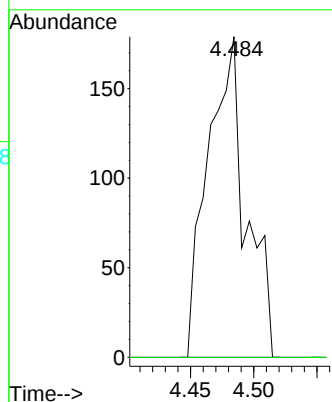
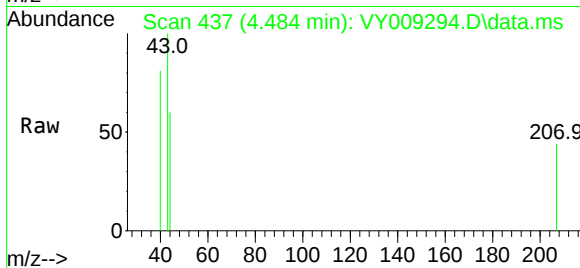
XRDS-SCREENED-CLEAN-FILL-SP-1-GRAB

Tgt Ion: 43 Resp: 375

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.698 min Scan# 472

Delta R.T. -0.006 min

Lab File: VY009294.D

Acq: 23 Jun 2022 14:49

Tgt Ion: 84 Resp: 3478

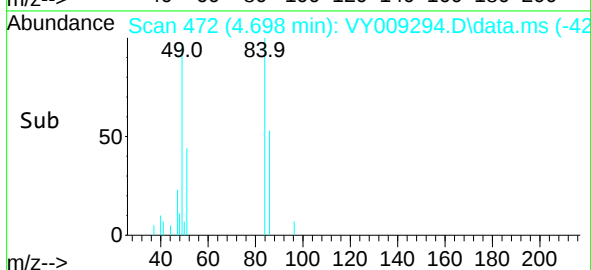
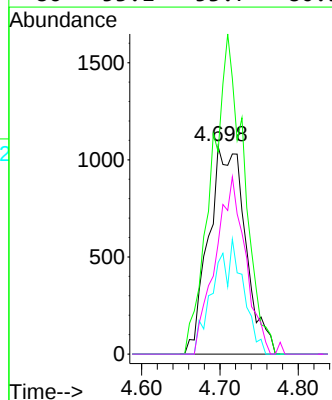
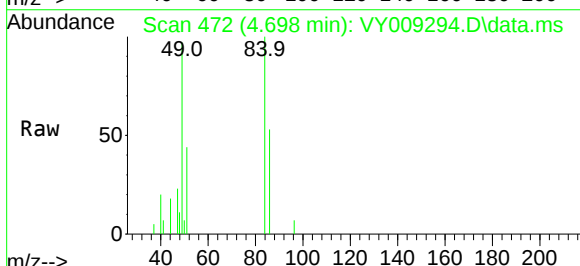
Ion Ratio Lower Upper

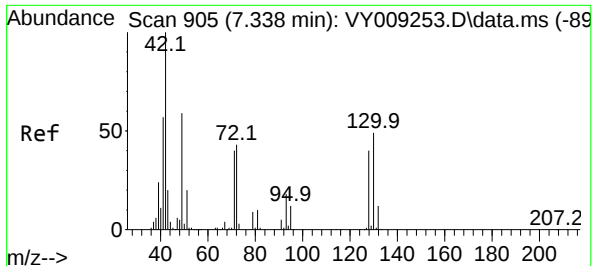
84 100

49 97.5 114.4 171.6#

51 44.1 35.3 52.9

86 53.1 53.7 80.5#





#29

Tetrahydrofuran

Concen: 1.309 ug/l

RT: 7.350 min Scan# 905

Delta R.T. 0.012 min

Lab File: VY009294.D

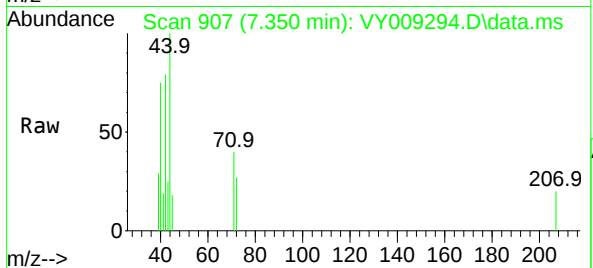
Acq: 23 Jun 2022 14:49

Instrument :

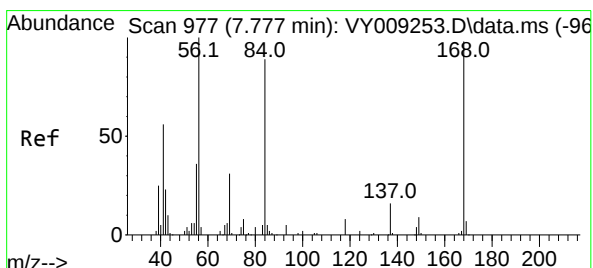
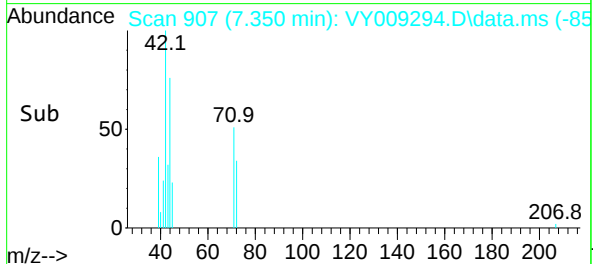
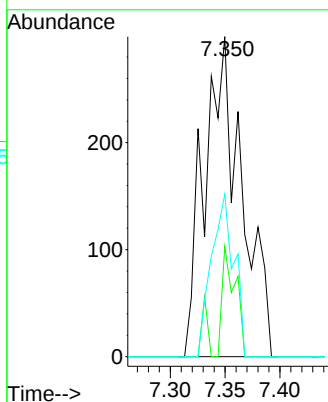
MSVOA_Y

ClientSampleId :

XRDS-SCREENED-CLEAN-FILL-SP-1-GRAB



Tgt Ion:	42	Resp:	709
Ion Ratio	Lower	Upper	
42	100		
72	12.3	30.3	45.5#
71	30.7	29.0	43.4



#31

Cyclohexane

Concen: 1.024 ug/l

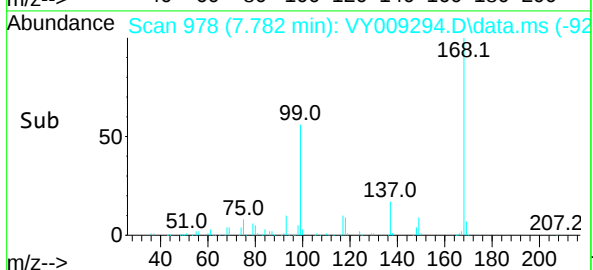
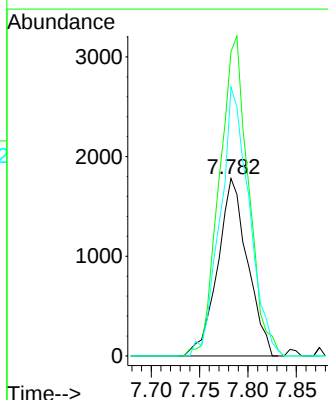
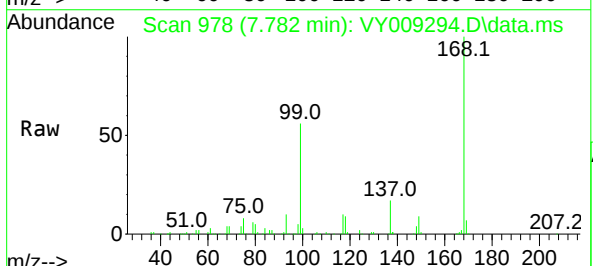
RT: 7.782 min Scan# 978

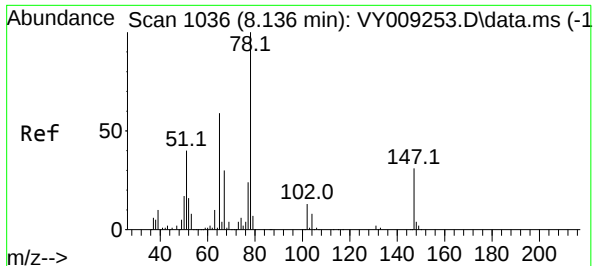
Delta R.T. 0.005 min

Lab File: VY009294.D

Acq: 23 Jun 2022 14:49

Tgt Ion:	56	Resp:	3813
Ion Ratio	Lower	Upper	
56	100		
69	171.4	26.7	40.1#
84	151.5	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 55.565 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009294.D

Acq: 23 Jun 2022 14:49

Instrument :

MSVOA_Y

ClientSampleId :

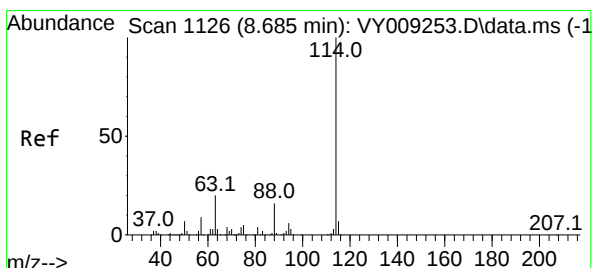
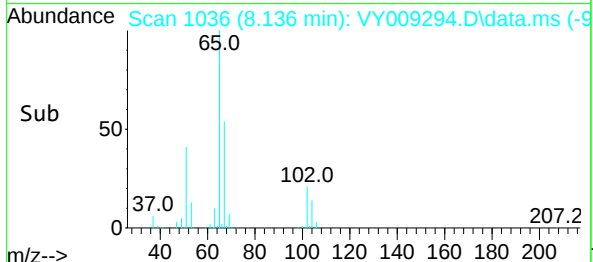
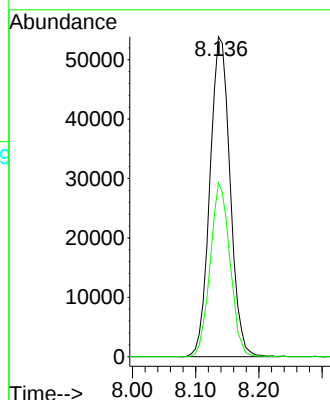
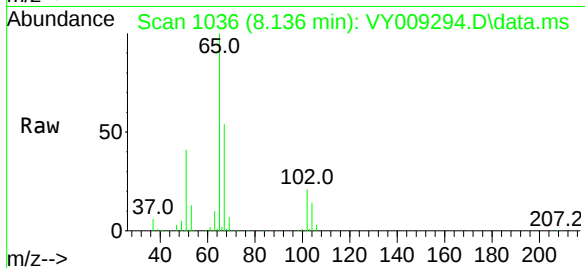
XRDS-SCREENED-CLEAN-FILL-SP-1-GRAB

Tgt Ion: 65 Resp: 119134

Ion Ratio Lower Upper

65 100

67 53.3 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: VY009294.D

Acq: 23 Jun 2022 14:49

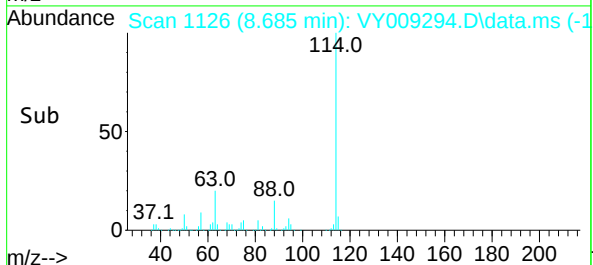
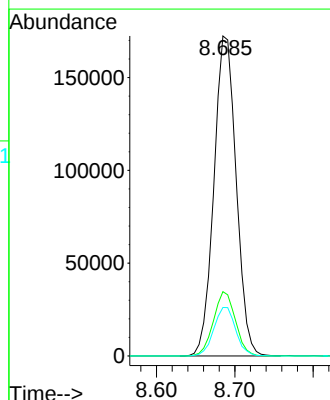
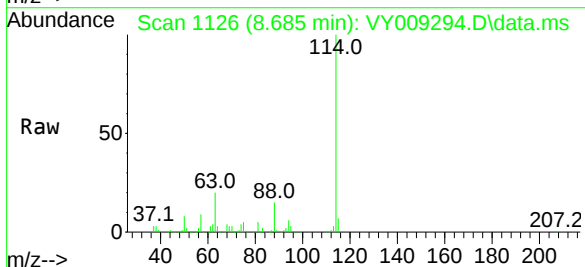
Tgt Ion: 114 Resp: 341079

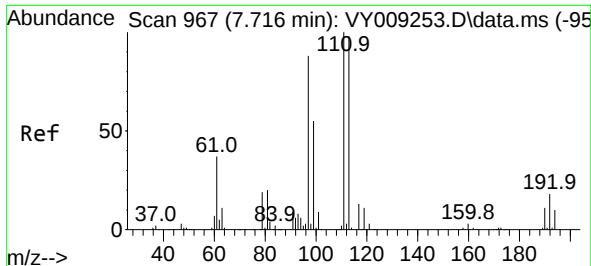
Ion Ratio Lower Upper

114 100

63 20.1 0.0 43.2

88 15.2 0.0 31.8

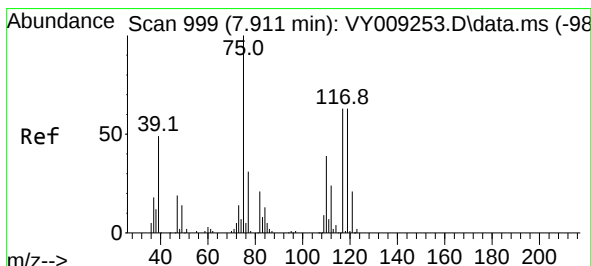
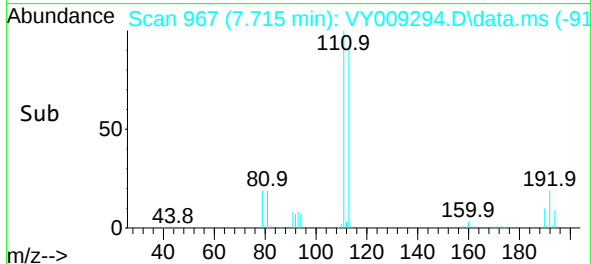
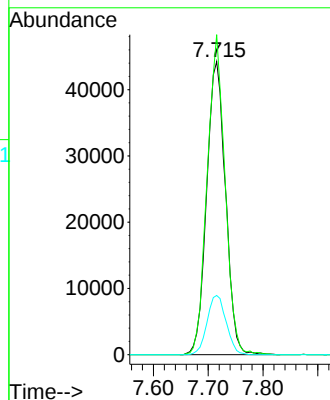
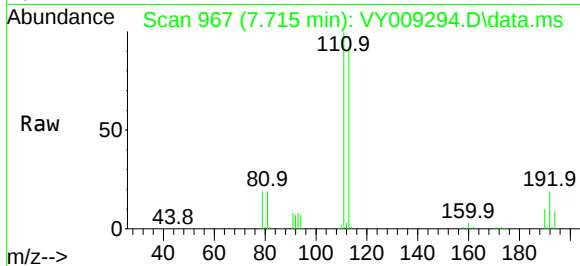




#35
Dibromofluoromethane
Concen: 47.779 ug/l
RT: 7.715 min Scan# 911
Delta R.T. -0.001 min
Lab File: VY009294.D
Acq: 23 Jun 2022 14:49

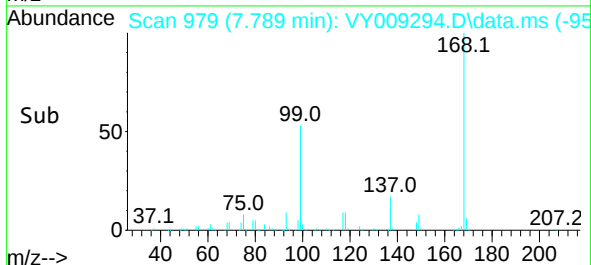
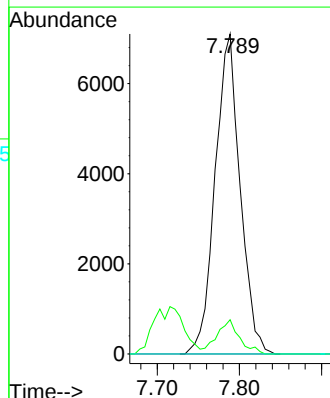
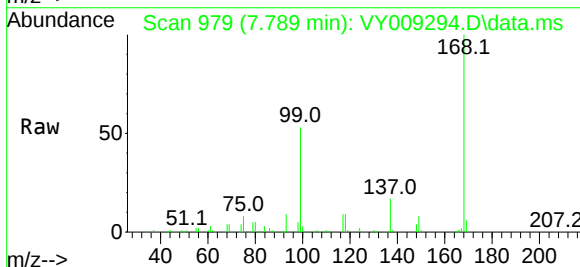
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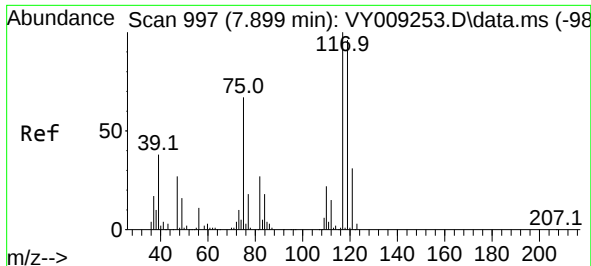
Tgt Ion:113 Resp: 105539
Ion Ratio Lower Upper
113 100
111 103.3 82.6 124.0
192 20.4 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.461 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY009294.D
Acq: 23 Jun 2022 14:49

Tgt Ion: 75 Resp: 14997
Ion Ratio Lower Upper
75 100
110 9.7 17.1 51.2#
77 0.0 24.4 36.6#

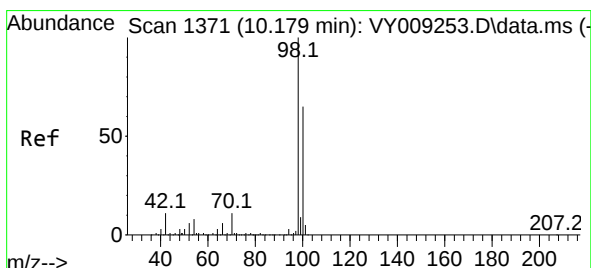
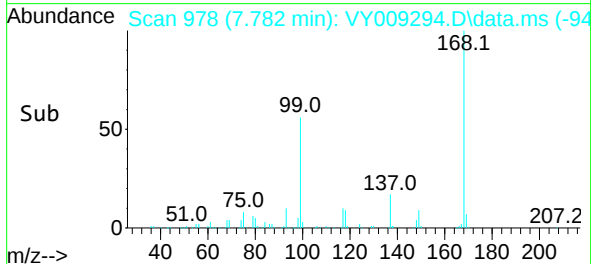
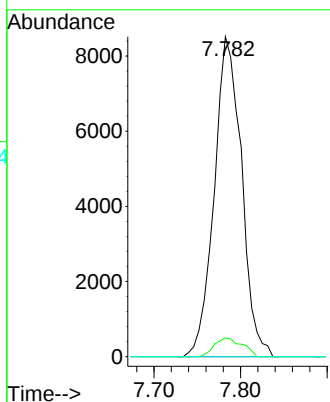
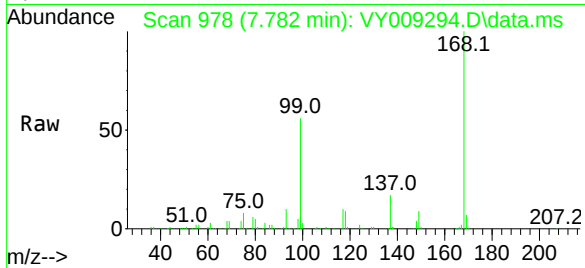




#38
Carbon Tetrachloride
Concen: 5.331 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.117 min
Lab File: VY009294.D
Acq: 23 Jun 2022 14:49

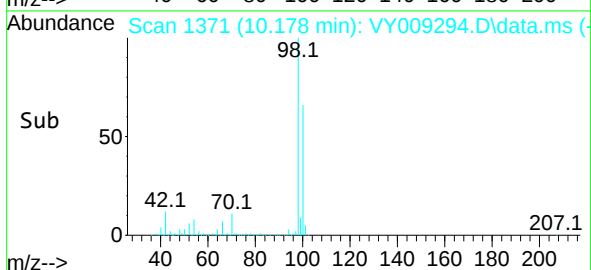
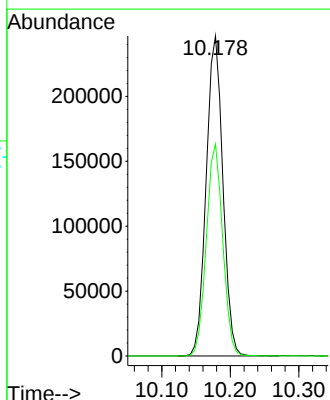
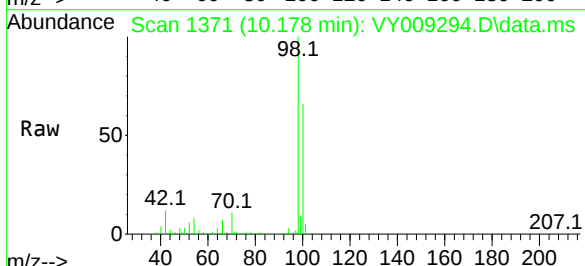
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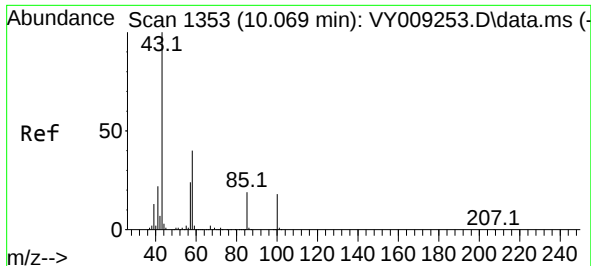
Tgt Ion:117 Resp: 18633
Ion Ratio Lower Upper
117 100
119 5.9 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.171 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY009294.D
Acq: 23 Jun 2022 14:49

Tgt Ion: 98 Resp: 417237
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2





#51

4-Methyl-2-Pentanone

Concen: 1.126 ug/l

RT: 10.184 min Scan# 1353

Delta R.T. 0.115 min

Lab File: VY009294.D

Acq: 23 Jun 2022 14:49

Instrument :

MSVOA_Y

ClientSampleId :

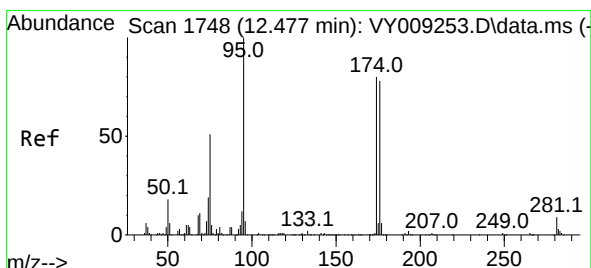
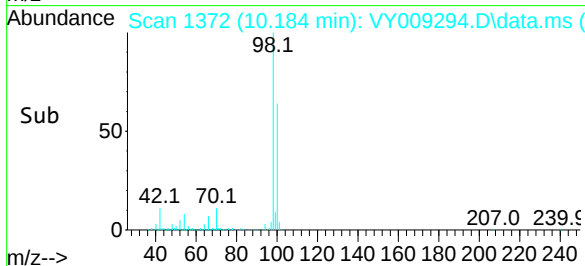
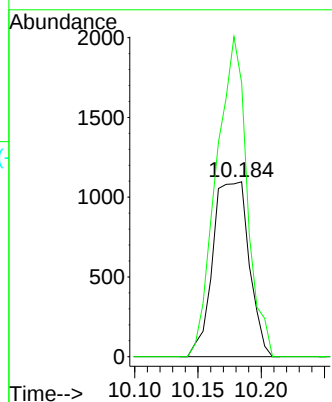
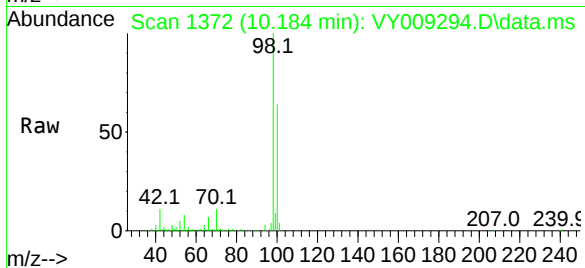
XRDS-SCREENED-CLEAN-FILL-SP-1-GRAB

Tgt Ion: 43 Resp: 2182

Ion Ratio Lower Upper

43 100

58 155.4 28.1 42.1#



#62

4-Bromofluorobenzene

Concen: 47.682 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY009294.D

Acq: 23 Jun 2022 14:49

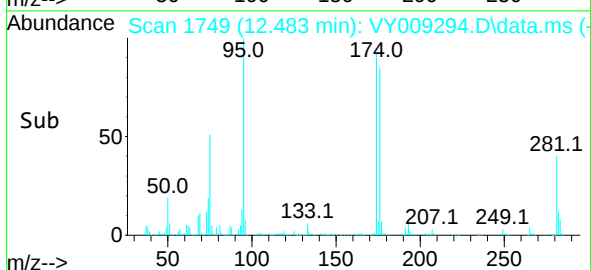
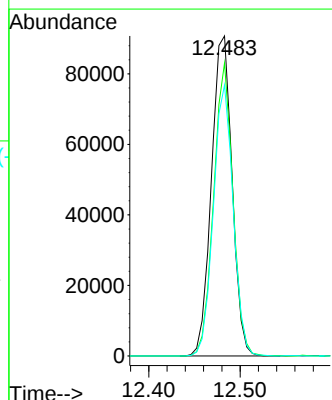
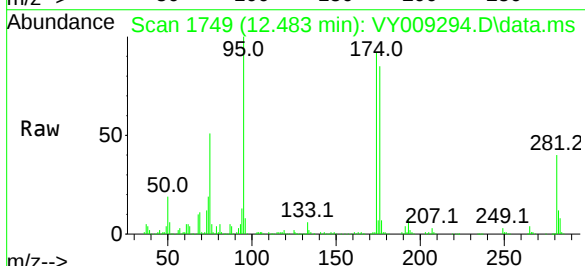
Tgt Ion: 95 Resp: 142174

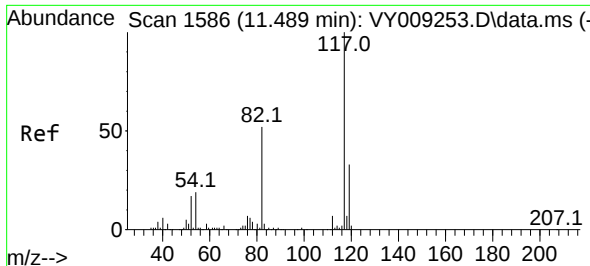
Ion Ratio Lower Upper

95 100

174 85.6 0.0 177.0

176 81.1 0.0 175.8

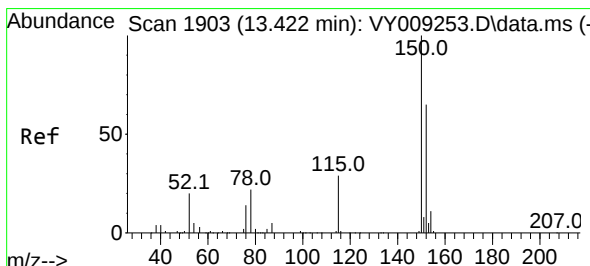
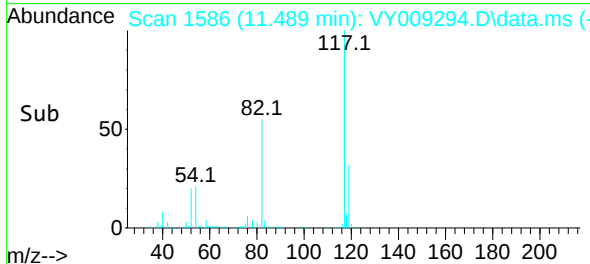
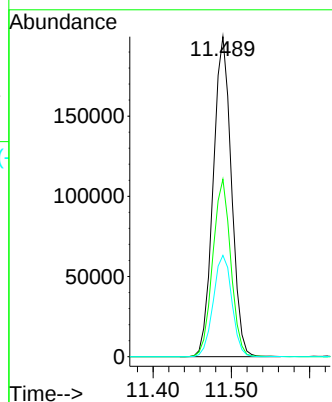
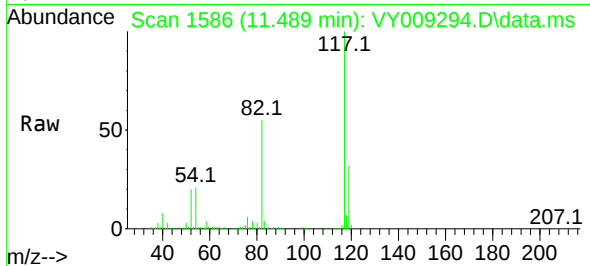




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009294.D
Acq: 23 Jun 2022 14:49

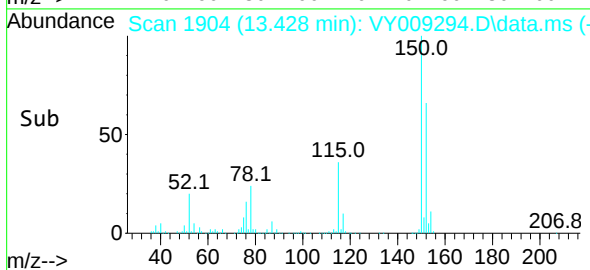
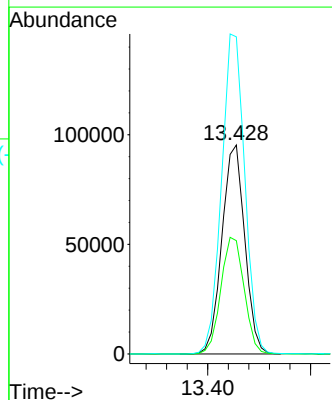
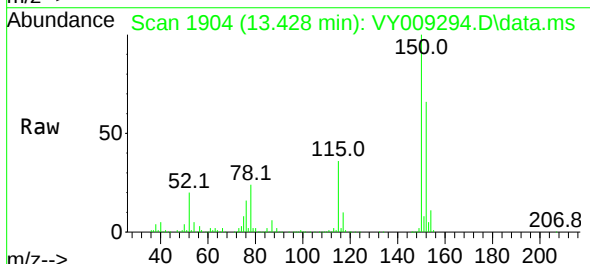
Instrument :
MSVOA_Y
ClientSampleId :
XRDS-SCREENED-CLEAN-FILL-SP-1-GRAB

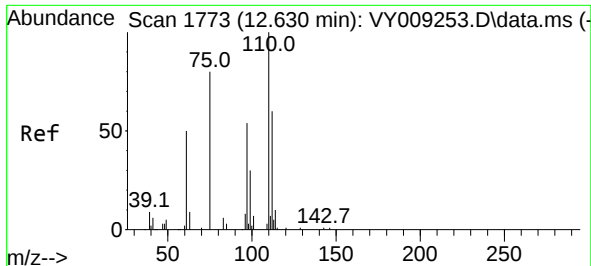
Tgt Ion:117 Resp: 322062
Ion Ratio Lower Upper
117 100
82 55.5 43.0 64.4
119 31.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY009294.D
Acq: 23 Jun 2022 14:49

Tgt Ion:152 Resp: 146963
Ion Ratio Lower Upper
152 100
115 56.9 28.2 84.7
150 155.7 0.0 347.6

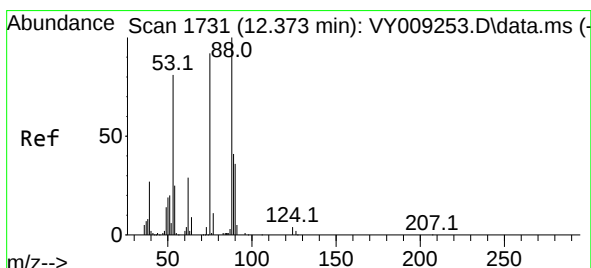
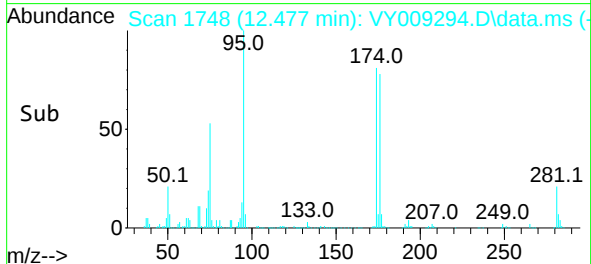
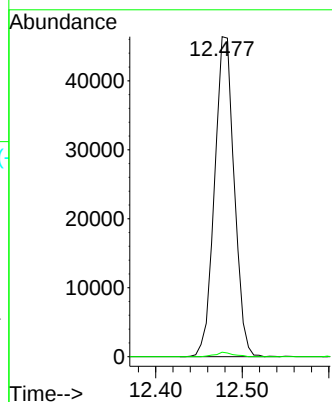
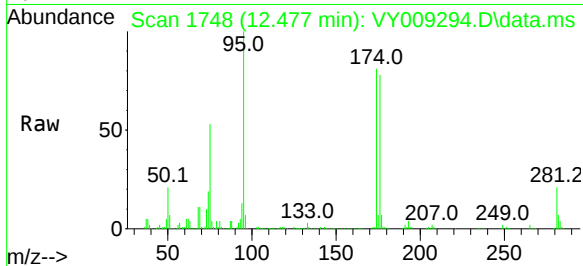




#76
1,2,3-Trichloropropane
Concen: 42.453 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.153 min
Lab File: VY009294.D
Acq: 23 Jun 2022 14:49

Instrument : MSVOA_Y
ClientSampleId : XRDS-SCREENED-CLEAN-FILL-SP-1-GRAB

Tgt Ion: 75 Resp: 73146
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.014 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009294.D
Acq: 23 Jun 2022 14:49

Tgt Ion: 75 Resp: 73146
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.8 37.0 55.4#

