

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110722\
 Data File : VY011331.D
 Acq On : 07 Nov 2022 13:19
 Operator : KP/MD
 Sample : N5453-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-6-110322

Quant Time: Nov 08 03:29:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

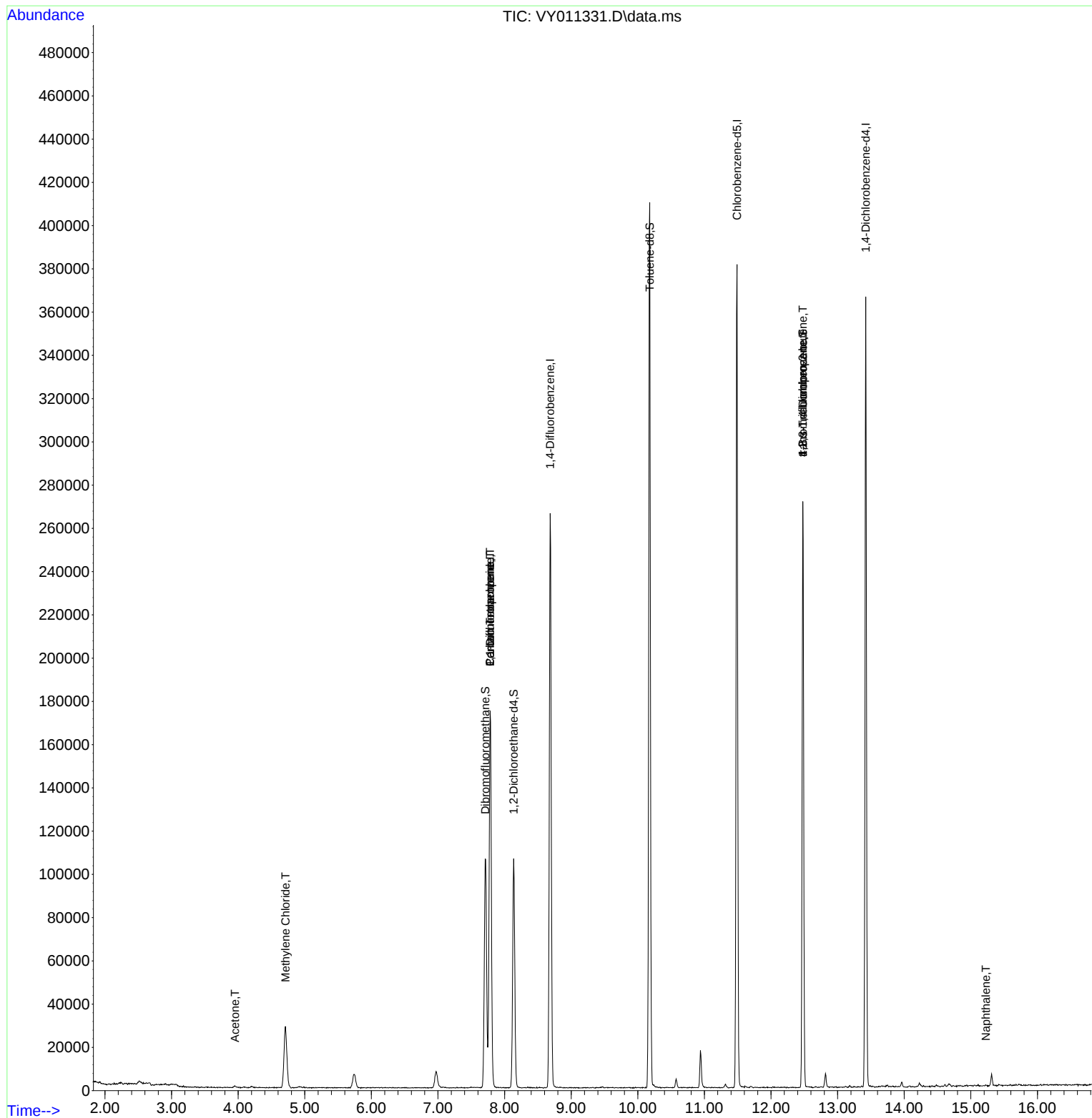
Internal Standards						
1) Pentafluorobenzene	7.783	168	142175	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	239766	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	219779	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	97250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	80719	53.085	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.160%	
35) Dibromofluoromethane	7.710	113	78637	51.047	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.100%	
50) Toluene-d8	10.179	98	282619	47.252	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 94.500%	
62) 4-Bromofluorobenzene	12.477	95	87239	42.015	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 84.020%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	24	Below Cal	#	43
11) Tert butyl alcohol	4.942	59	287	Below Cal	#	77
16) Acetone	3.954	43	1103	2.403	ug/l #	71
20) Methylene Chloride	4.710	84	21974	7.424	ug/l #	81
36) 1,1-Dichloropropene	7.783	75	10037	3.990	ug/l #	51
38) Carbon Tetrachloride	7.783	117	13830	5.299	ug/l #	14
76) 1,2,3-Trichloropropane	12.477	75	41657	35.185	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	41657	75.301	ug/l #	7
95) Naphthalene	15.227	128	448	4.064	ug/l #	69

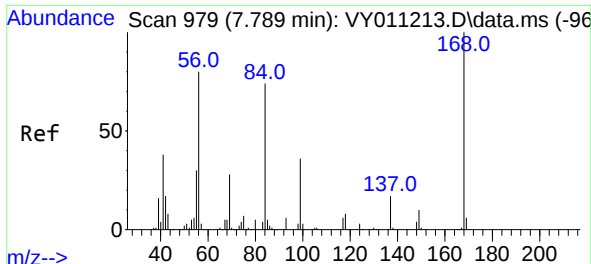
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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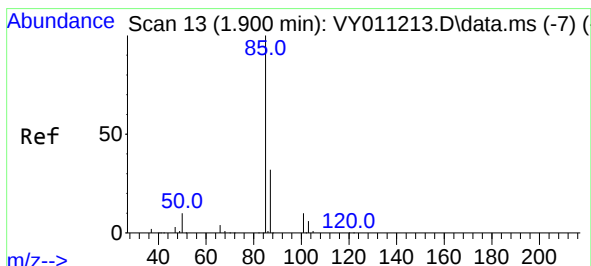
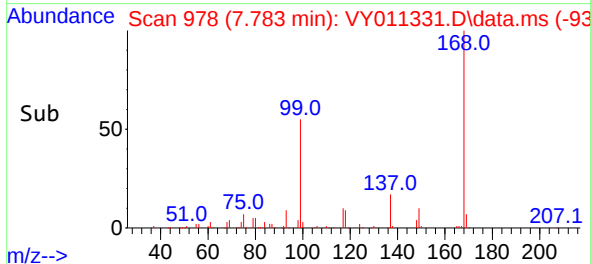
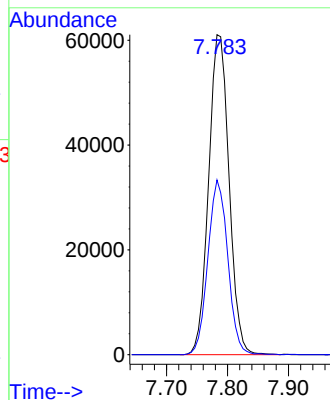
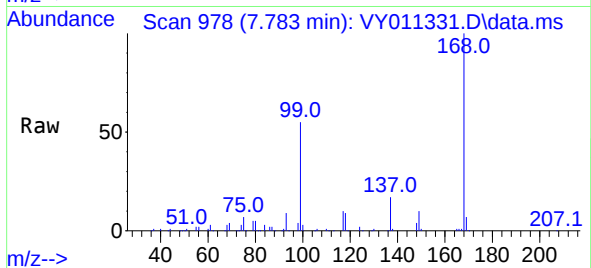




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011331.D
Acq: 07 Nov 2022 13:19

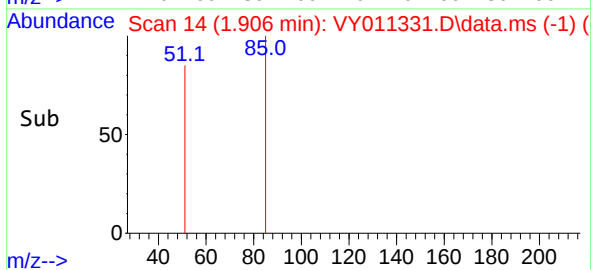
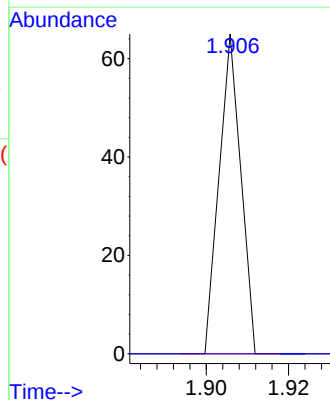
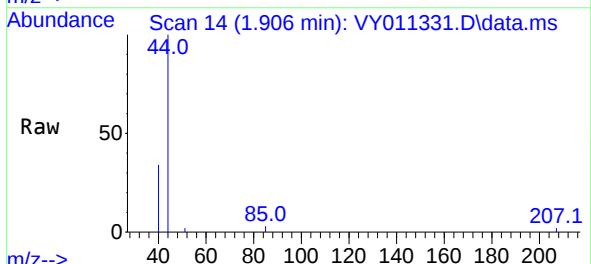
Instrument :
MSVOA_Y
ClientSampleId :
TR-6-110322

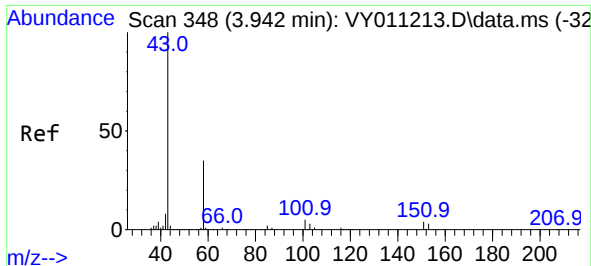
Tgt Ion:168 Resp: 142175
Ion Ratio Lower Upper
168 100
99 54.6 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY011331.D
Acq: 07 Nov 2022 13:19

Tgt Ion: 85 Resp: 24
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

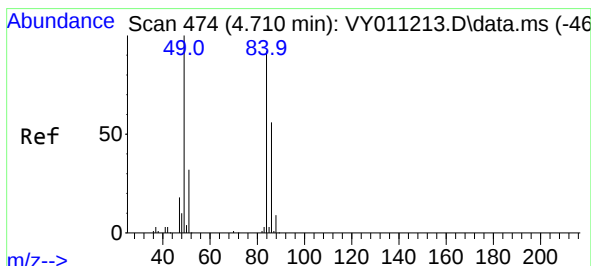
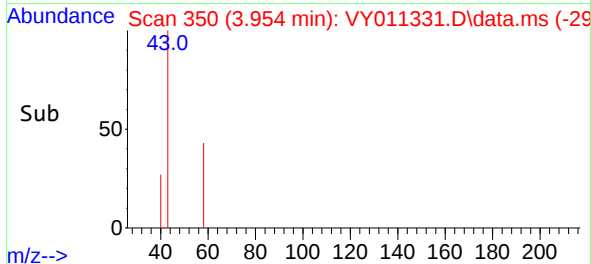
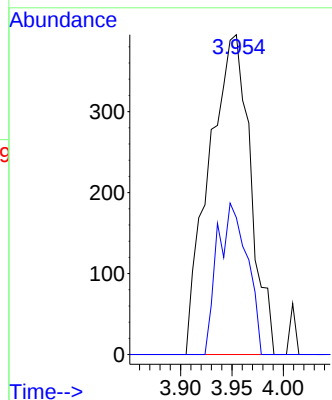
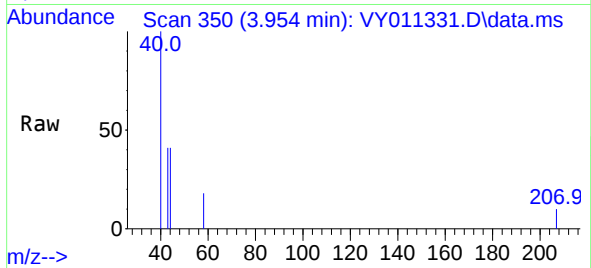




#16
Acetone
Concen: 2.403 ug/l
RT: 3.954 min Scan# 311
Delta R.T. 0.012 min
Lab File: VY011331.D
Acq: 07 Nov 2022 13:19

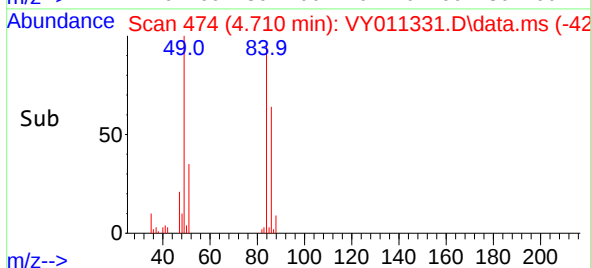
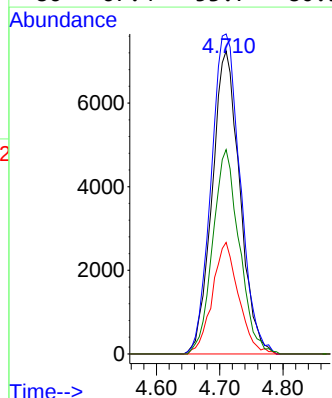
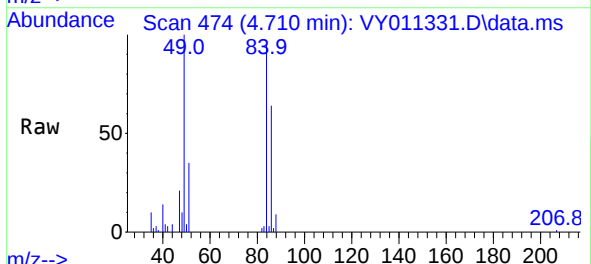
Instrument :
MSVOA_Y
ClientSampleId :
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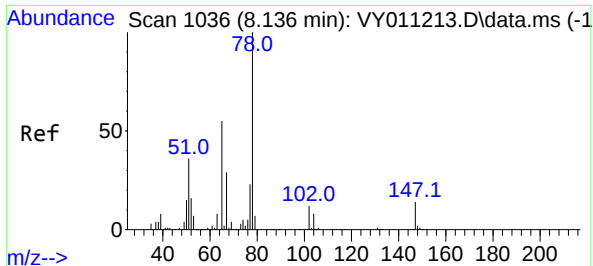
Tgt Ion: 43 Resp: 1103
Ion Ratio Lower Upper
43 100
58 42.8 22.0 33.0#



#20
Methylene Chloride
Concen: 7.424 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY011331.D
Acq: 07 Nov 2022 13:19

Tgt Ion: 84 Resp: 21974
Ion Ratio Lower Upper
84 100
49 105.7 114.4 171.6#
51 36.8 35.3 52.9
86 67.4 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 53.085 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011331.D

Acq: 07 Nov 2022 13:19

Instrument :

MSVOA_Y

ClientSampleId :

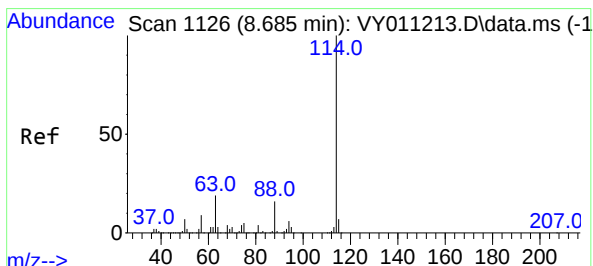
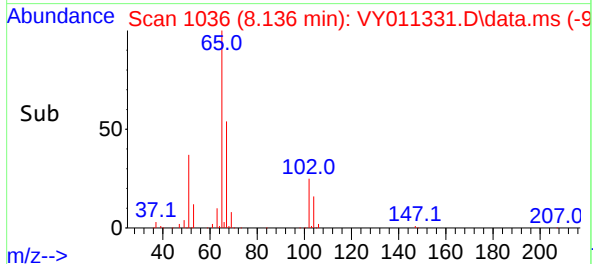
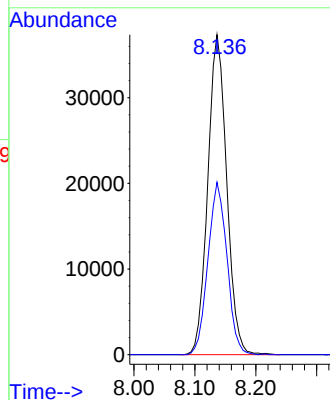
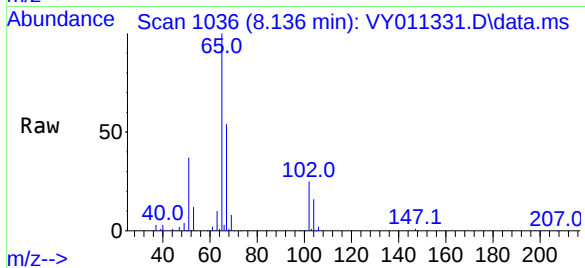
TR-6-110322

Tgt Ion: 65 Resp: 80719

Ion Ratio Lower Upper

65 100

67 54.1 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: VY011331.D

Acq: 07 Nov 2022 13:19

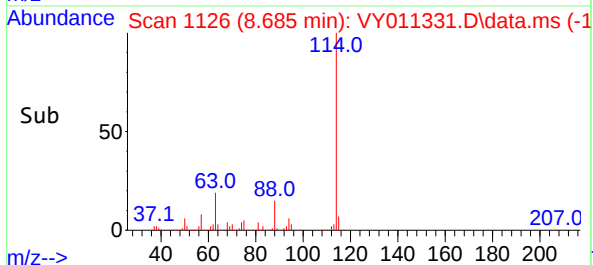
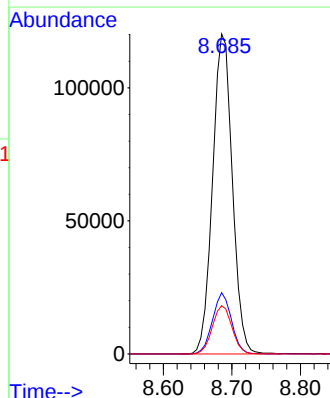
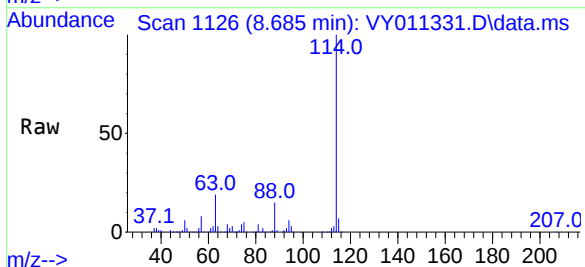
Tgt Ion: 114 Resp: 239766

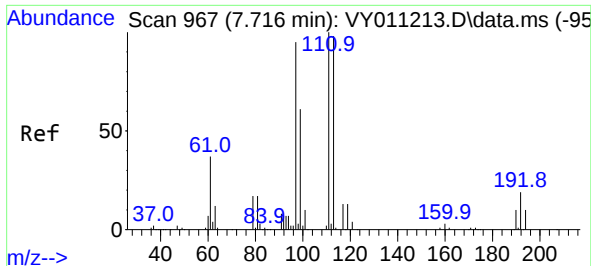
Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 15.1 0.0 31.8

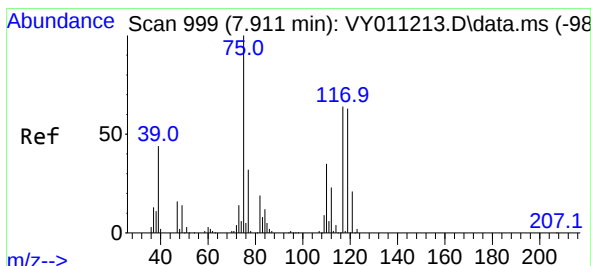
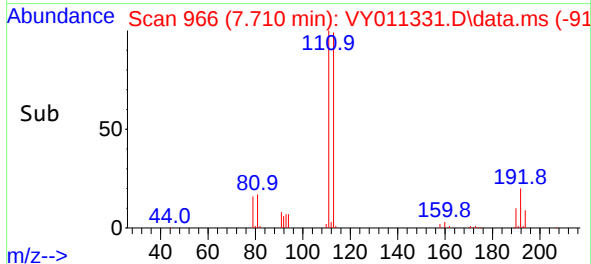
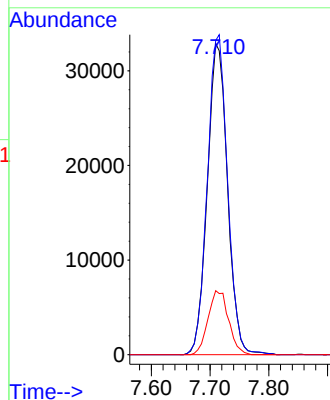
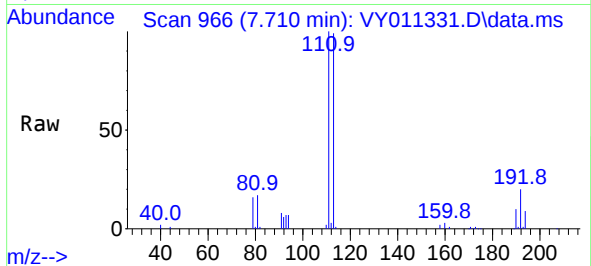




#35
Dibromofluoromethane
Concen: 51.047 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY011331.D
Acq: 07 Nov 2022 13:19

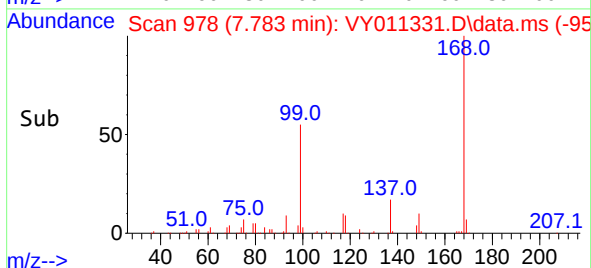
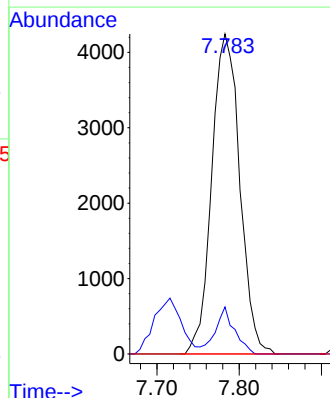
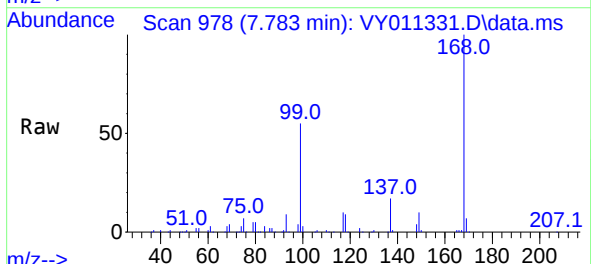
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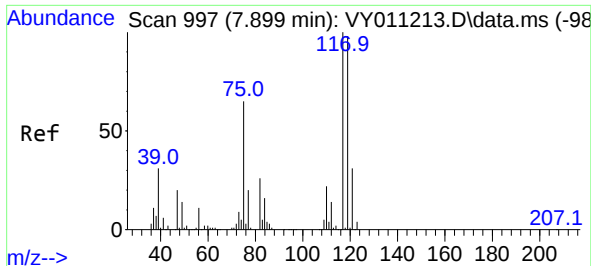
Tgt Ion:113 Resp: 78637
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 20.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 3.990 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY011331.D
Acq: 07 Nov 2022 13:19

Tgt Ion: 75 Resp: 10037
Ion Ratio Lower Upper
75 100
110 10.0 17.1 51.2#
77 0.0 24.4 36.6#

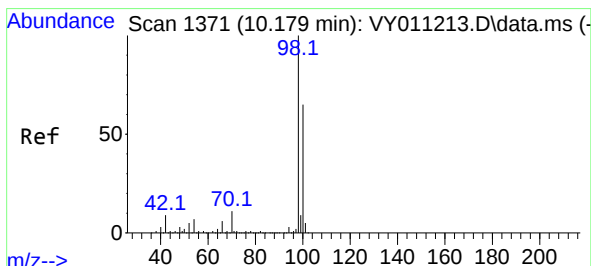
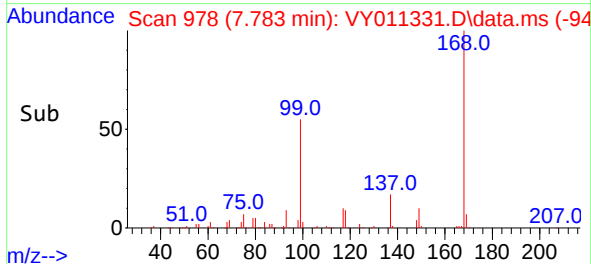
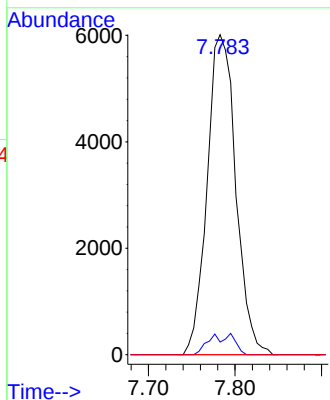
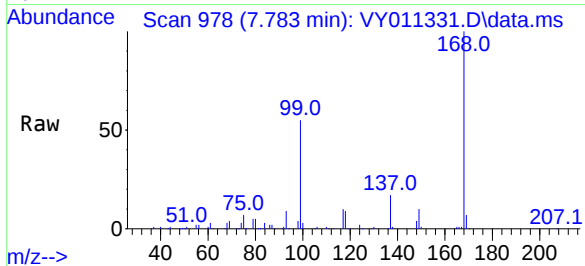




#38
Carbon Tetrachloride
Concen: 5.299 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY011331.D
Acq: 07 Nov 2022 13:19

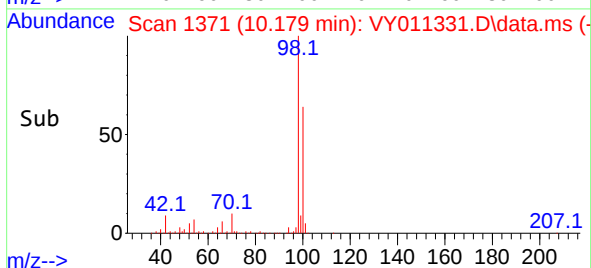
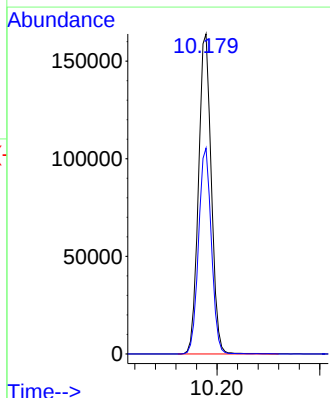
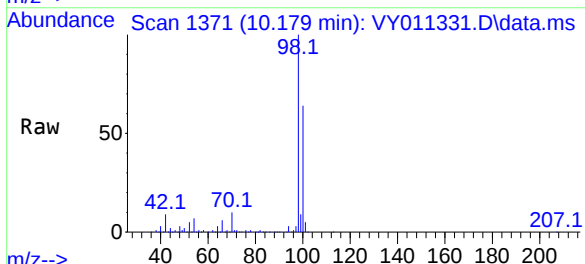
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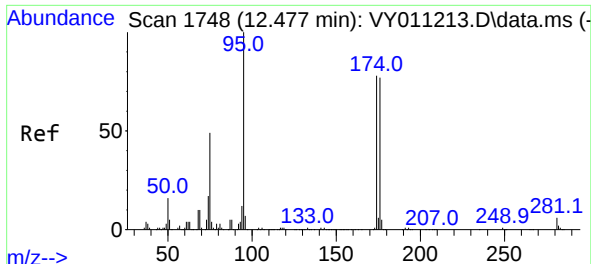
Tgt Ion:117 Resp: 13830
Ion Ratio Lower Upper
117 100
119 3.9 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 47.252 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011331.D
Acq: 07 Nov 2022 13:19

Tgt Ion: 98 Resp: 282619
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2

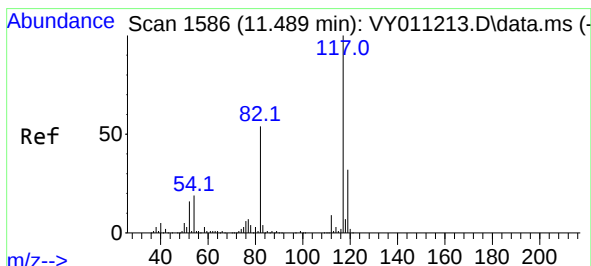
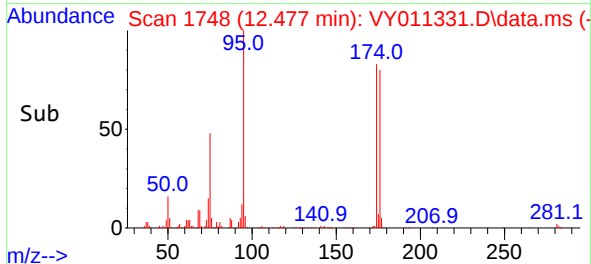
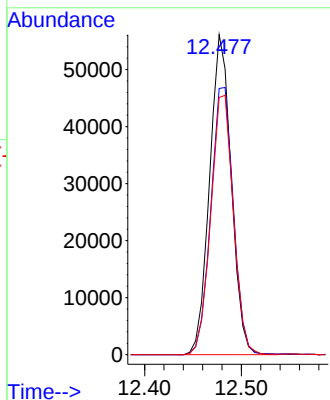
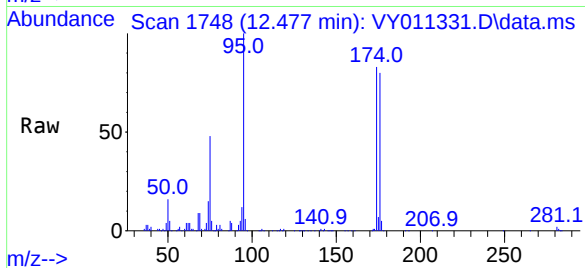




#62
4-Bromofluorobenzene
Concen: 42.015 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011331.D
Acq: 07 Nov 2022 13:19

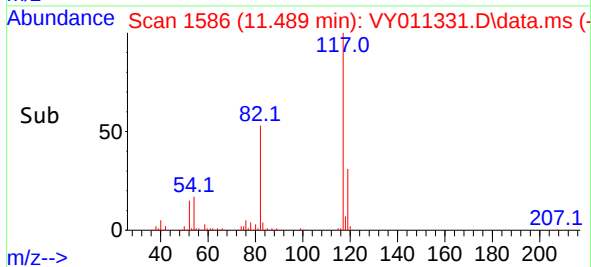
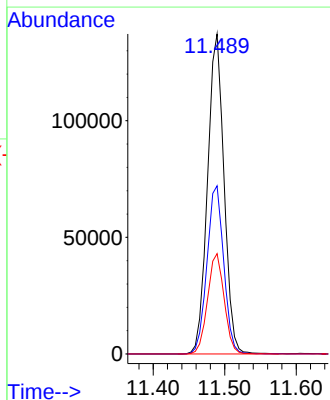
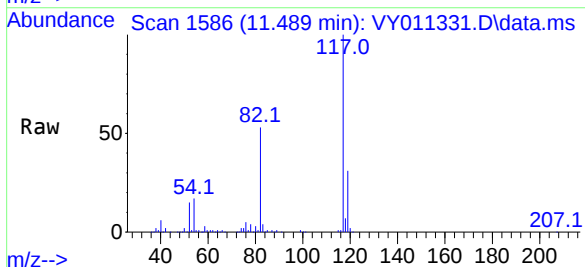
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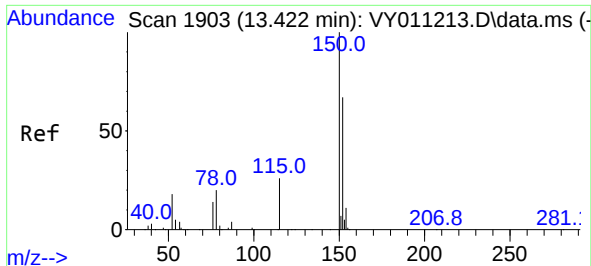
Tgt Ion: 95 Resp: 87239
Ion Ratio Lower Upper
95 100
174 87.1 0.0 177.0
176 84.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011331.D
Acq: 07 Nov 2022 13:19

Tgt Ion: 117 Resp: 219779
Ion Ratio Lower Upper
117 100
82 52.6 43.0 64.4
119 31.4 25.4 38.0

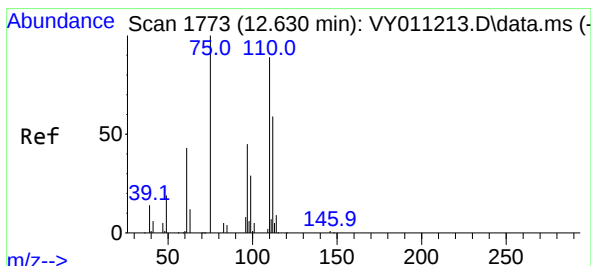
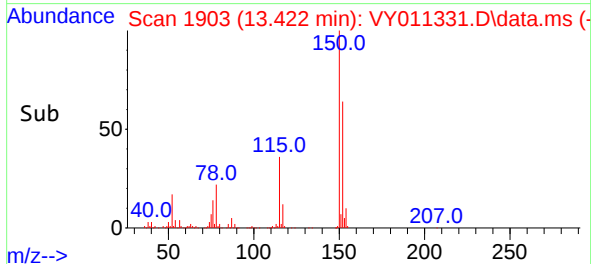
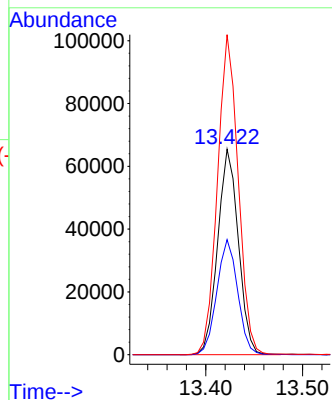
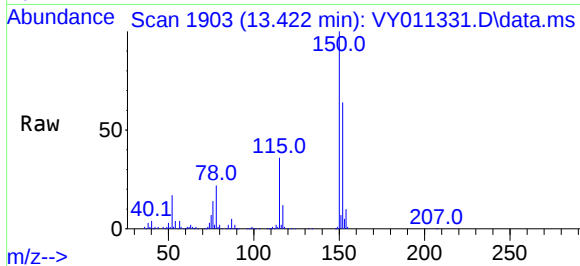




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY011331.D
 Acq: 07 Nov 2022 13:19

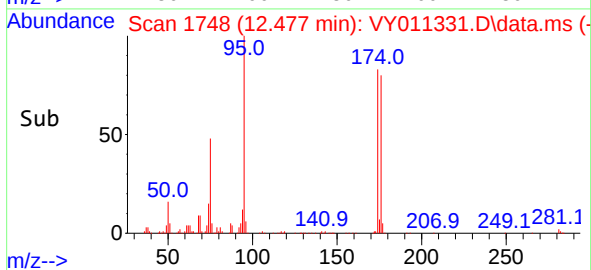
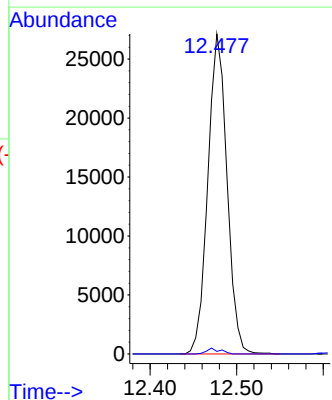
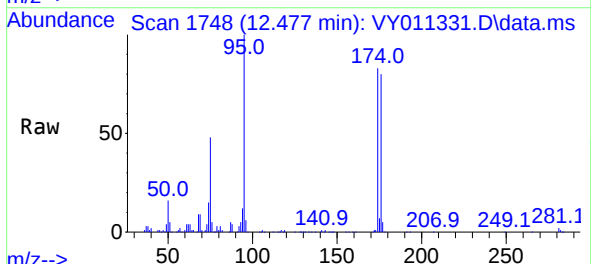
Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-6-110322

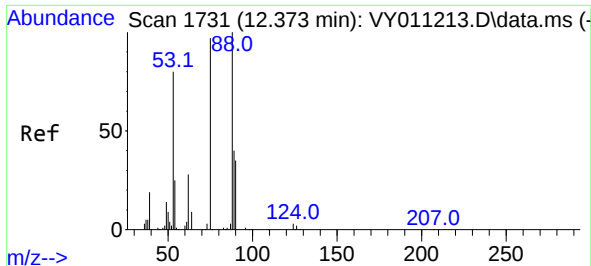
Tgt Ion:152 Resp: 97250
 Ion Ratio Lower Upper
 152 100
 115 56.3 28.2 84.7
 150 156.0 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 35.185 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY011331.D
 Acq: 07 Nov 2022 13:19

Tgt Ion: 75 Resp: 41657
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

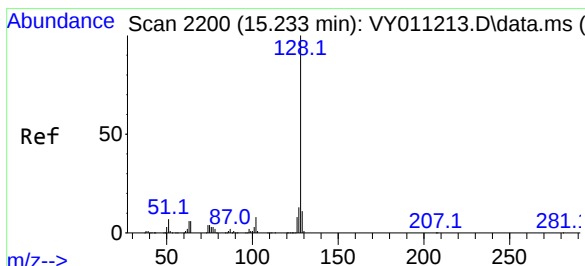
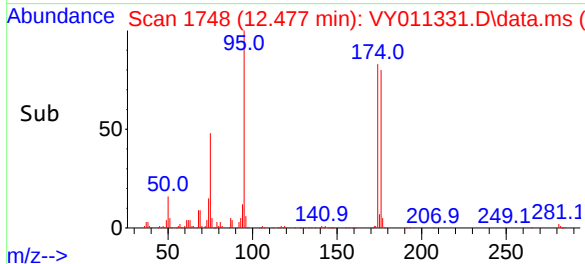
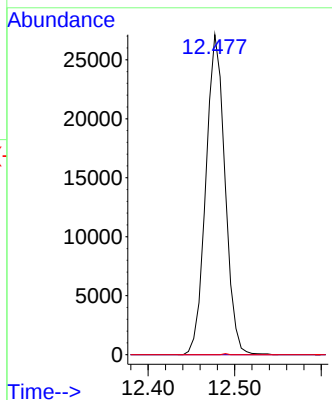
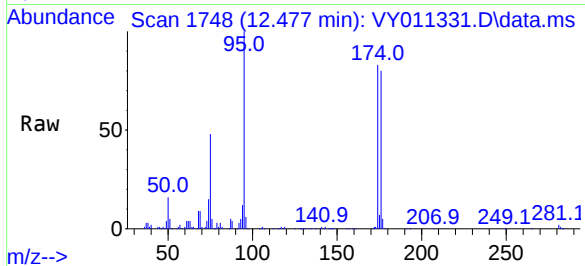




#81
trans-1,4-Dichloro-2-butene
Concen: 75.301 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY011331.D
Acq: 07 Nov 2022 13:19

Instrument :
MSVOA_Y
ClientSampleId :
TR-6-110322

Tgt Ion: 75 Resp: 41657
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#



#95
Naphthalene
Concen: 4.064 ug/l
RT: 15.227 min Scan# 2199
Delta R.T. -0.006 min
Lab File: VY011331.D
Acq: 07 Nov 2022 13:19

Tgt Ion: 128 Resp: 448
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

