

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110222\
 Data File : VY011253.D
 Acq On : 02 Nov 2022 11:40
 Operator : KP/MD
 Sample : N5361-01RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-2-102822

Quant Time: Nov 02 13:27:20 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	7.789	168	340748	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	574796	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	492927	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	212879	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	170453	46.772	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.540%
35) Dibromofluoromethane	7.716	113	177436	48.046	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.100%
50) Toluene-d8	10.179	98	629587	43.909	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.820%
62) 4-Bromofluorobenzene	12.477	95	209801	42.147	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.300%

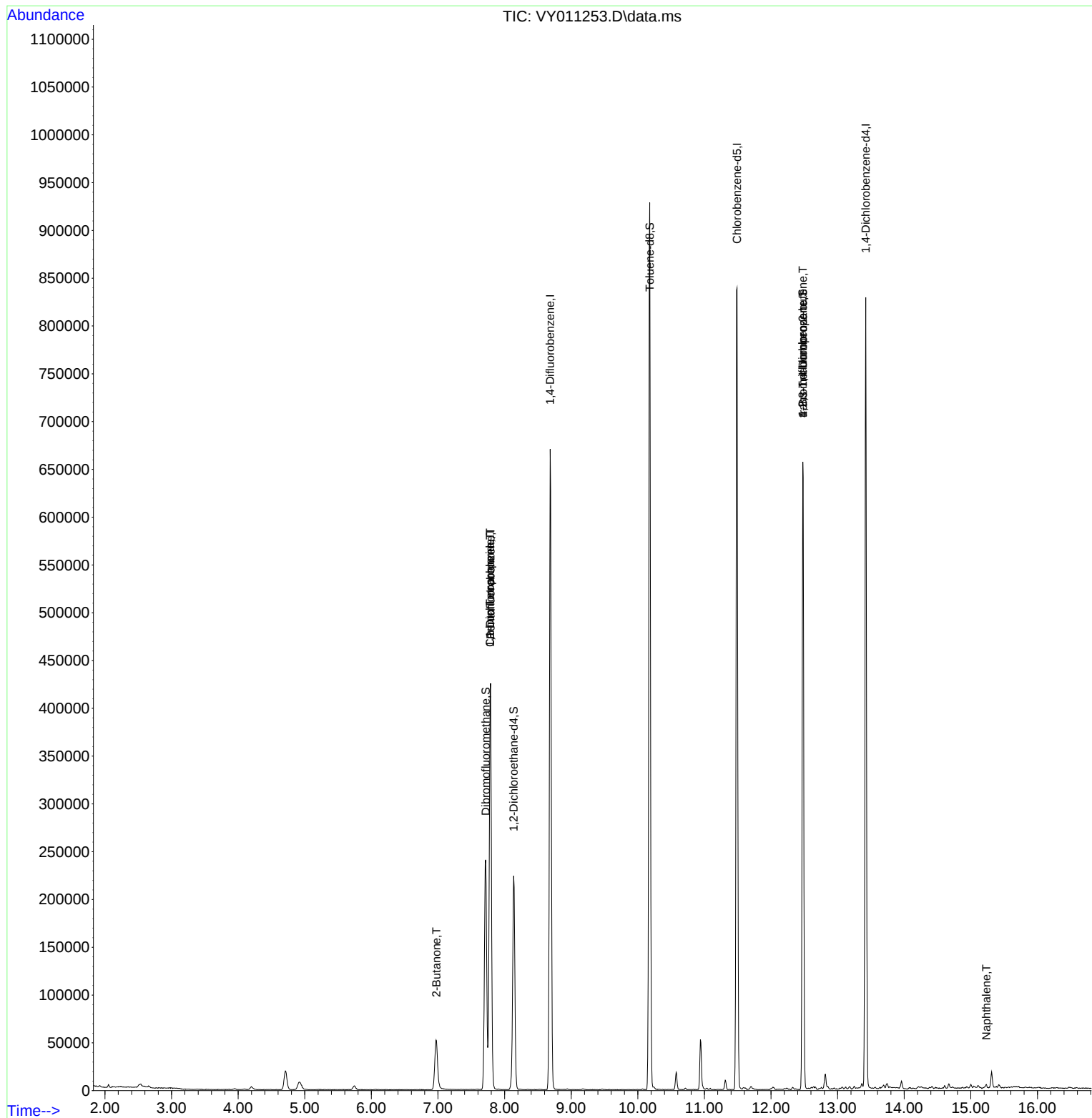
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.912	85	309	Below Cal	# 43
11) Tert butyl alcohol	4.924	59	9082	Below Cal	# 77
20) Methylene Chloride	4.710	84	15978	Below Cal	82
25) 2-Butanone	6.978	43	3200	2.067	ug/l 96
36) 1,1-Dichloropropene	7.783	75	24649	4.087	ug/l # 50
38) Carbon Tetrachloride	7.783	117	32788	5.240	ug/l # 16
76) 1,2,3-Trichloropropane	12.477	75	102850	39.686	ug/l # 100
81) trans-1,4-Dichloro-2-b...	12.477	75	102850	84.932	ug/l # 7
95) Naphthalene	15.233	128	2783	4.239	ug/l 97

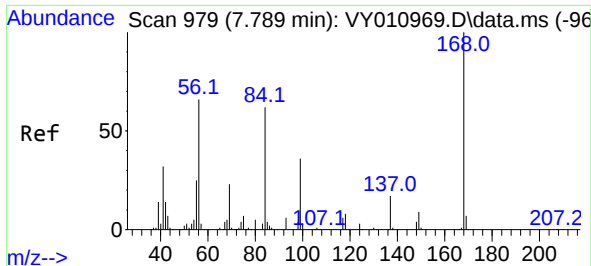
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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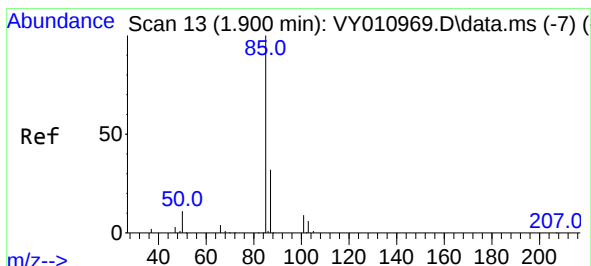
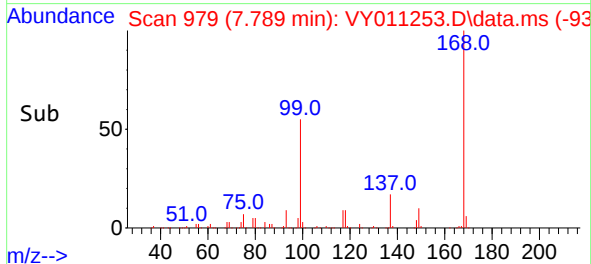
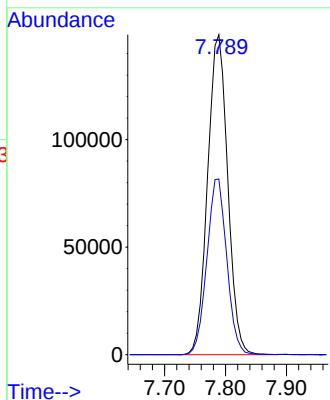
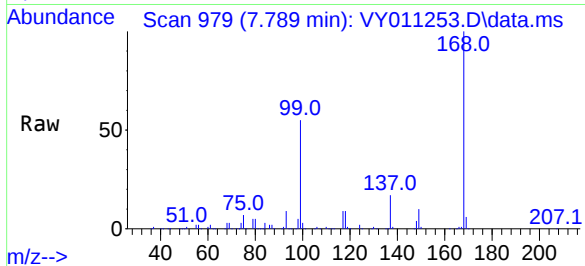




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011253.D
Acq: 02 Nov 2022 11:40

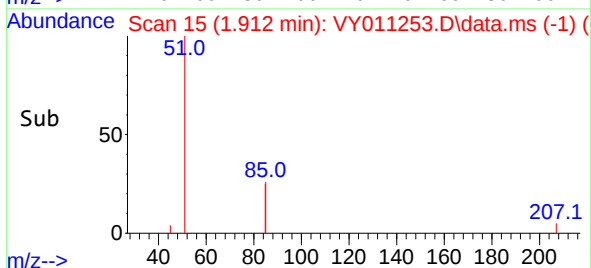
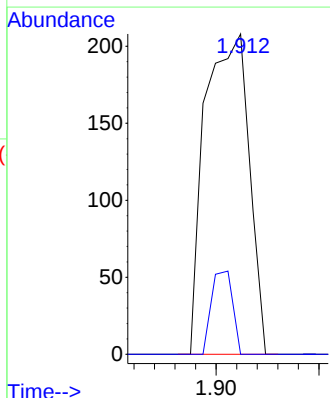
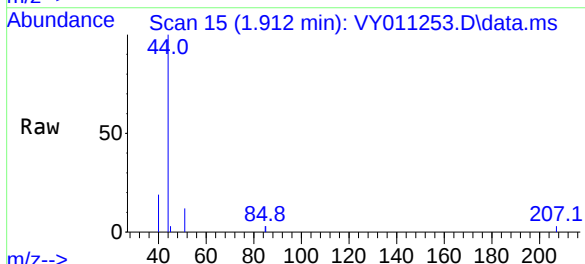
Instrument :
MSVOA_Y
ClientSampleId :
OR-2-102822

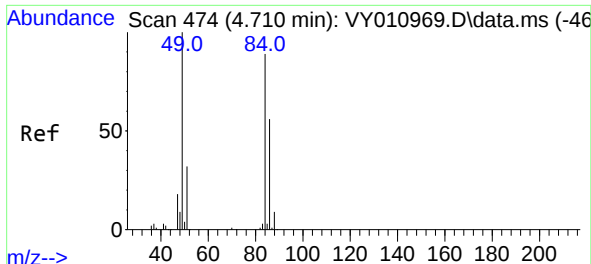
Tgt Ion:168 Resp: 340748
Ion Ratio Lower Upper
168 100
99 54.9 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.912 min Scan# 15
Delta R.T. 0.012 min
Lab File: VY011253.D
Acq: 02 Nov 2022 11:40

Tgt Ion: 85 Resp: 309
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#



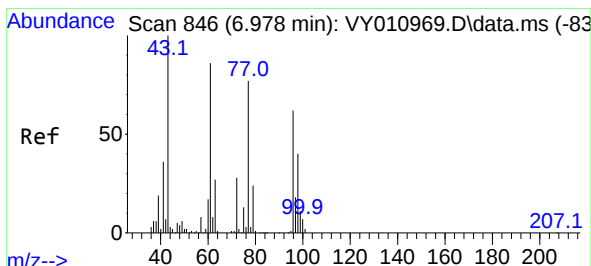
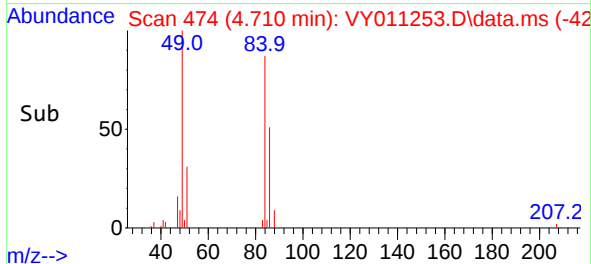
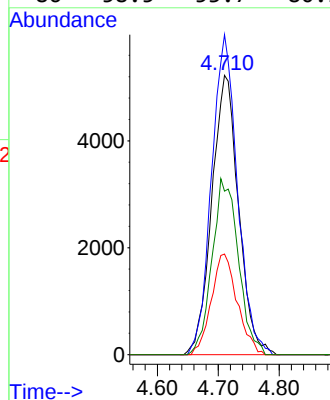
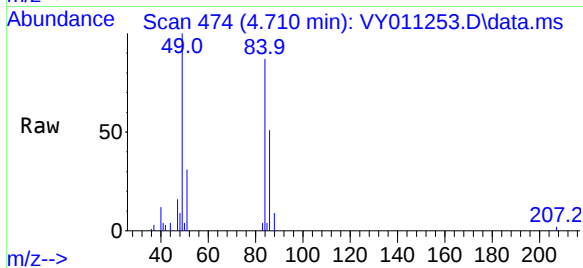


#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011253.D
Acq: 02 Nov 2022 11:40

Instrument :
MSVOA_Y
ClientSampleId :
OR-2-102822

Tgt Ion: 84 Resp: 15978

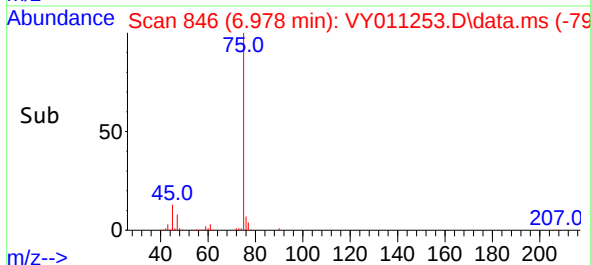
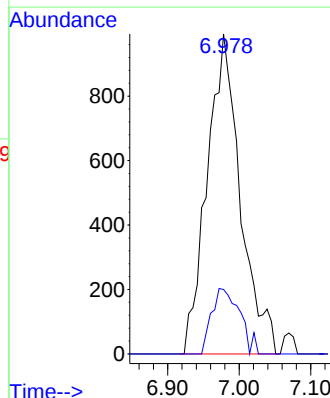
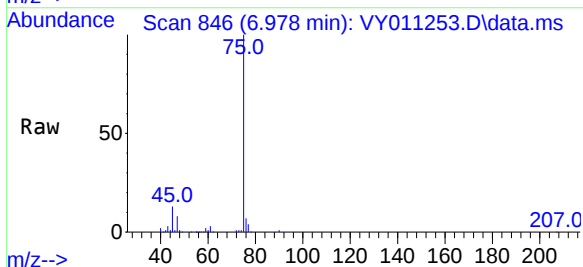
Ion	Ratio	Lower	Upper
84	100		
49	114.5	114.4	171.6
51	36.0	35.3	52.9
86	58.5	53.7	80.5

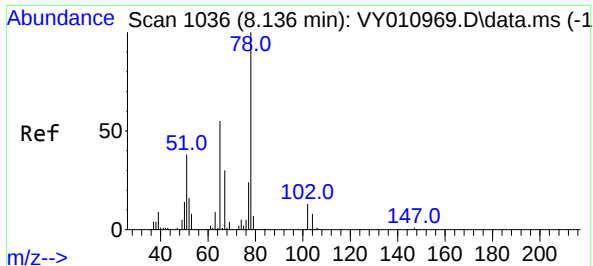


#25
2-Butanone
Concen: 2.067 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY011253.D
Acq: 02 Nov 2022 11:40

Tgt Ion: 43 Resp: 3200

Ion	Ratio	Lower	Upper
43	100		
72	20.1	17.7	26.5





#33

1,2-Dichloroethane-d4

Concen: 46.772 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011253.D

Acq: 02 Nov 2022 11:40

Instrument :

MSVOA_Y

ClientSampleId :

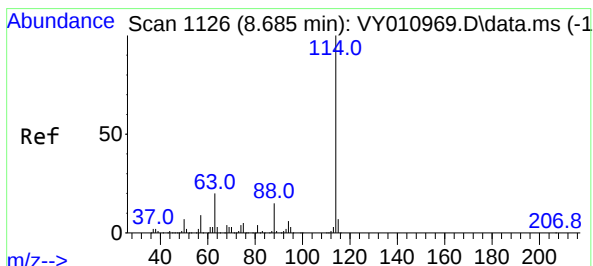
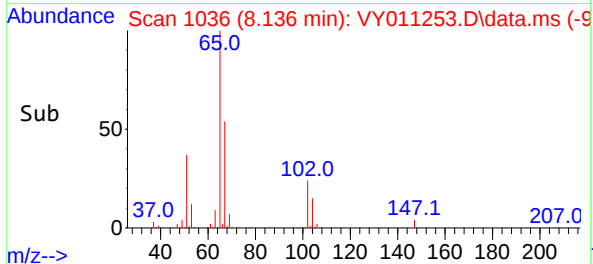
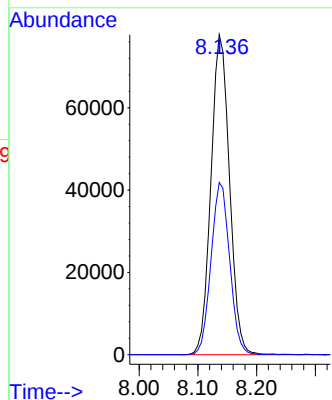
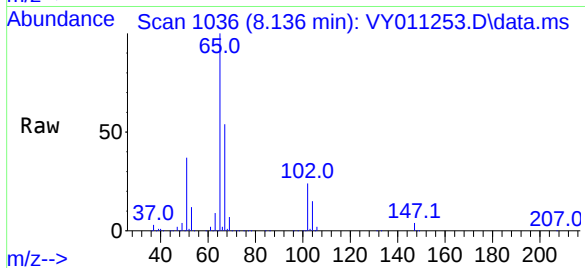
OR-2-102822

Tgt Ion: 65 Resp: 170453

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: VY011253.D

Acq: 02 Nov 2022 11:40

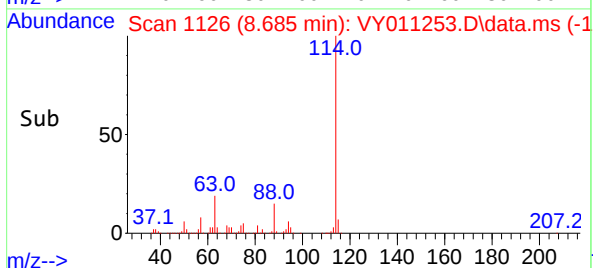
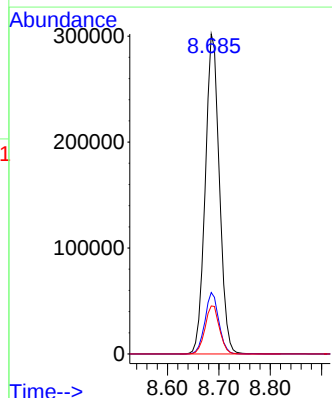
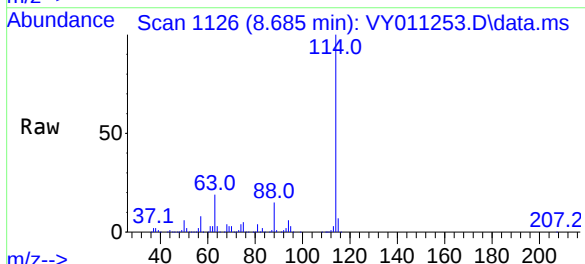
Tgt Ion: 114 Resp: 574796

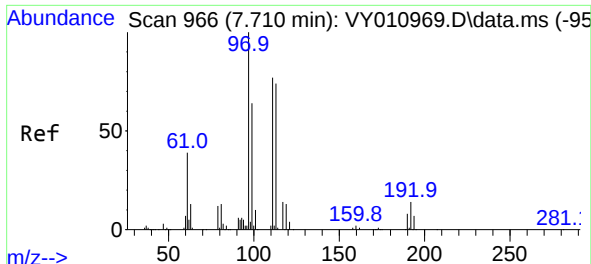
Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 15.0 0.0 31.8

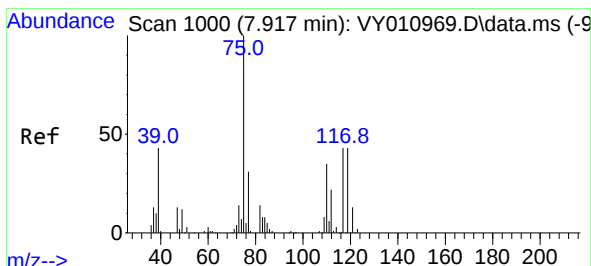
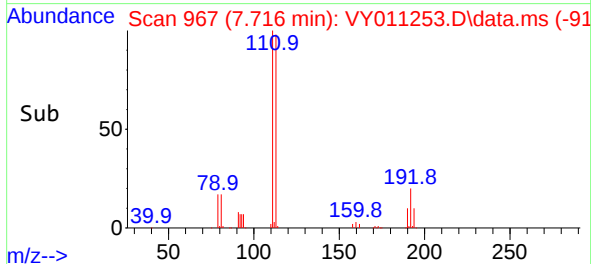
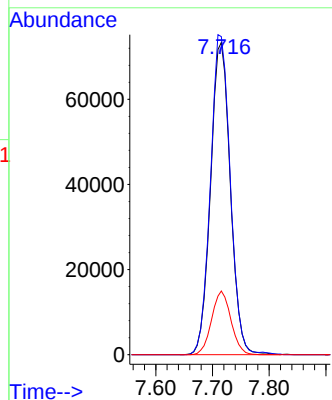
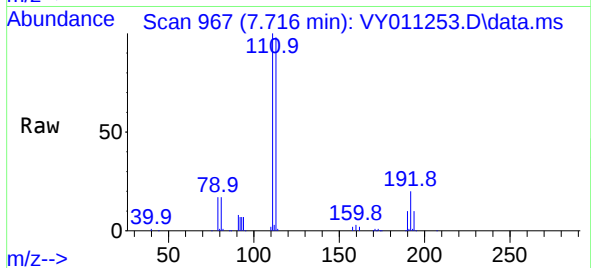




#35
Dibromofluoromethane
Concen: 48.046 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY011253.D
Acq: 02 Nov 2022 11:40

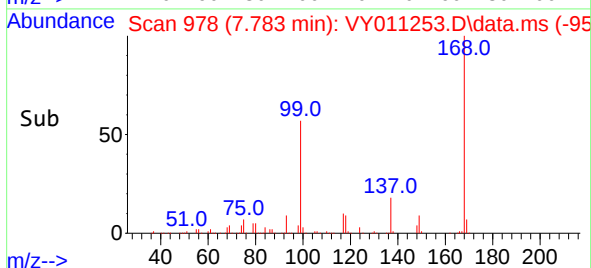
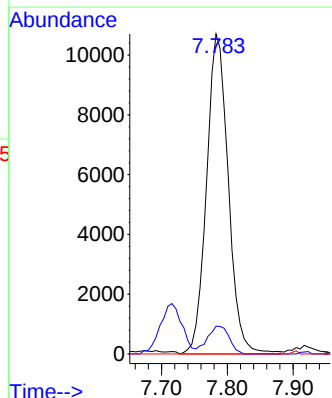
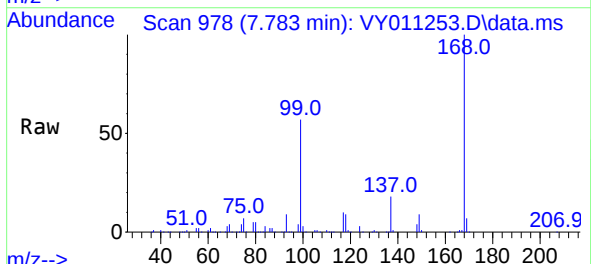
Instrument :
MSVOA_Y
ClientSampleId :
OR-2-102822

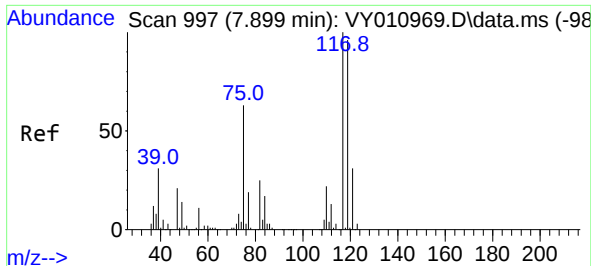
Tgt Ion:113 Resp: 177436
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 19.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.087 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY011253.D
Acq: 02 Nov 2022 11:40

Tgt Ion: 75 Resp: 24649
Ion Ratio Lower Upper
75 100
110 8.7 17.1 51.2#
77 0.0 24.4 36.6#

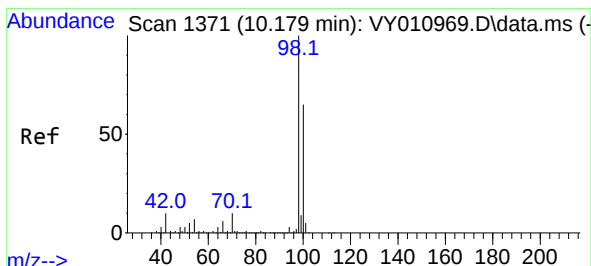
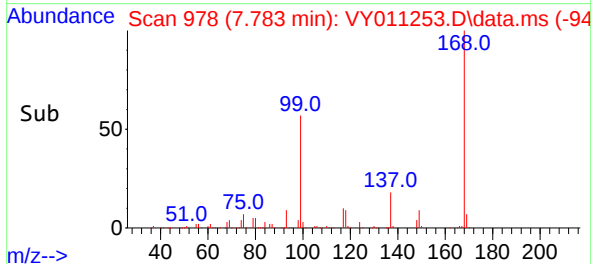
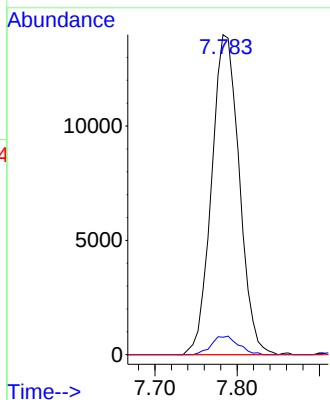
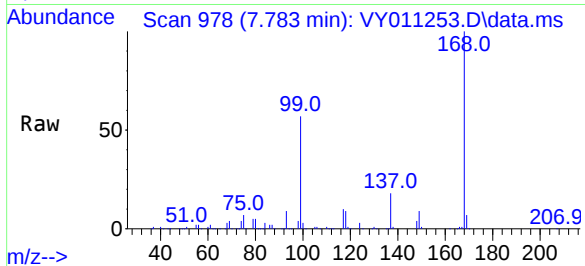




#38
Carbon Tetrachloride
Concen: 5.240 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY011253.D
Acq: 02 Nov 2022 11:40

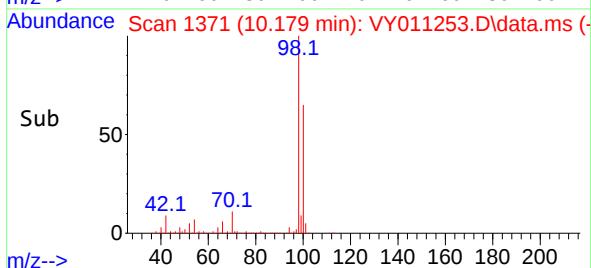
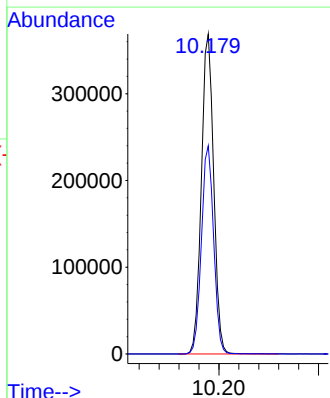
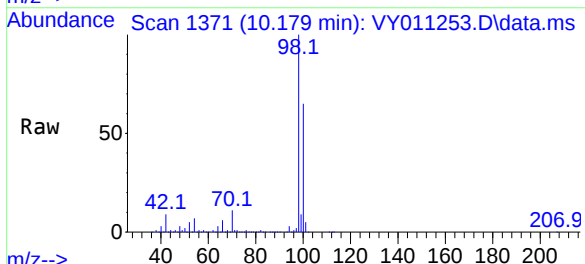
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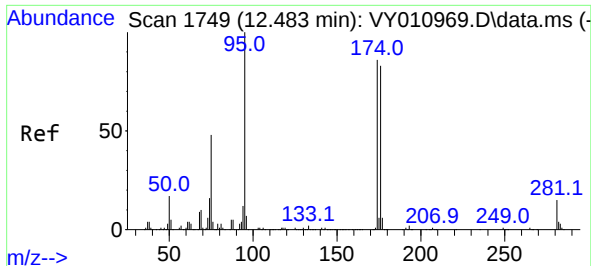
Tgt Ion:117 Resp: 32788
Ion Ratio Lower Upper
117 100
119 5.5 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 43.909 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011253.D
Acq: 02 Nov 2022 11:40

Tgt Ion: 98 Resp: 629587
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2

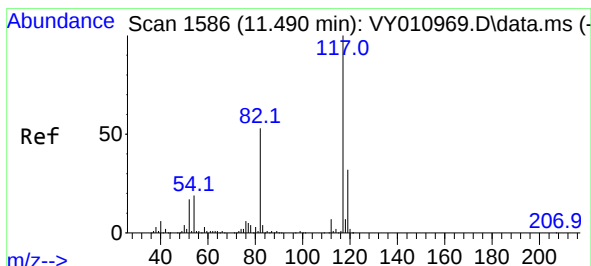
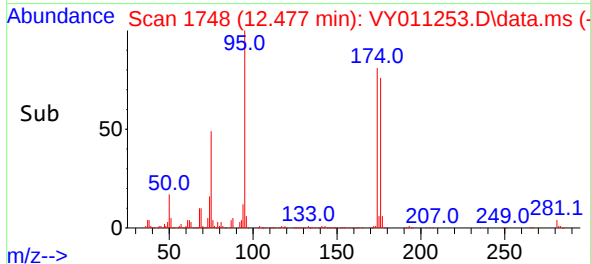
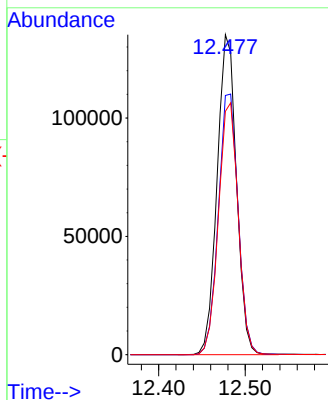
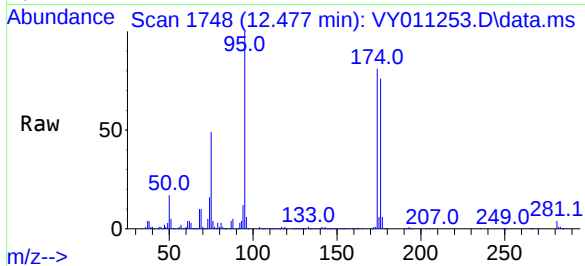




#62
4-Bromofluorobenzene
Concen: 42.147 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011253.D
Acq: 02 Nov 2022 11:40

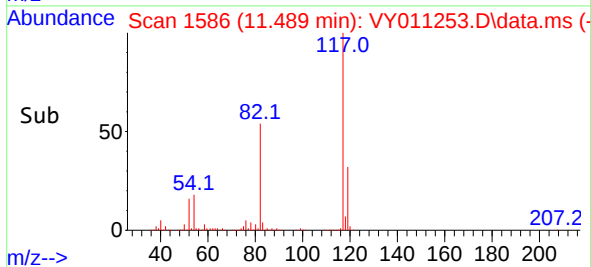
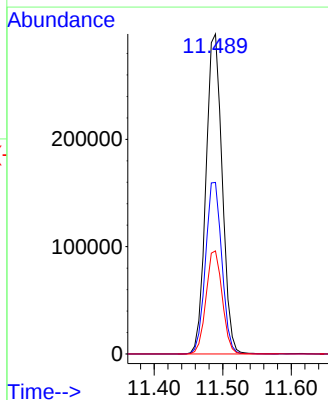
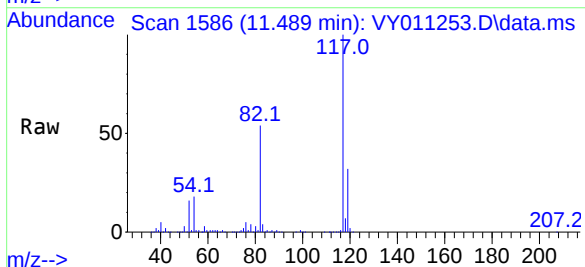
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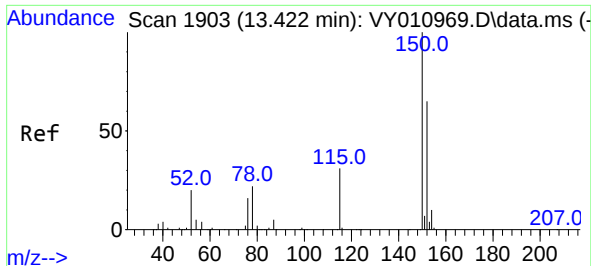
Tgt Ion: 95 Resp: 209801
Ion Ratio Lower Upper
95 100
174 83.5 0.0 177.0
176 80.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011253.D
Acq: 02 Nov 2022 11:40

Tgt Ion: 117 Resp: 492927
Ion Ratio Lower Upper
117 100
82 53.6 43.0 64.4
119 32.2 25.4 38.0

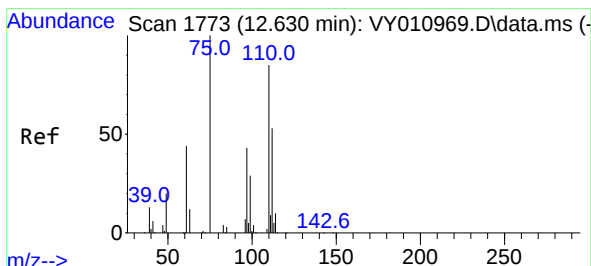
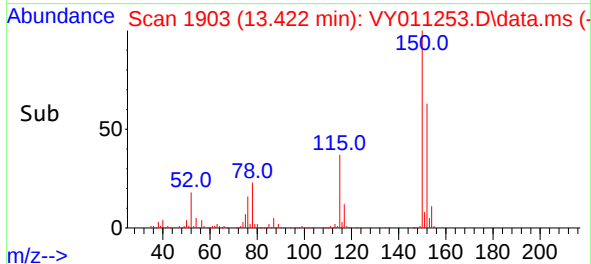
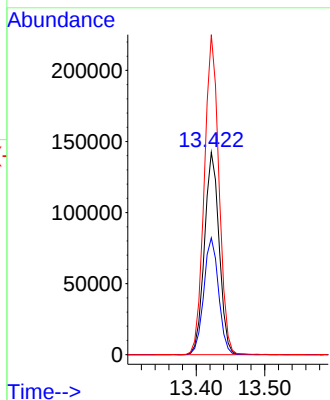
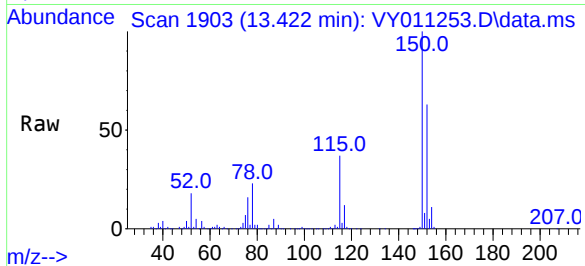




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011253.D
Acq: 02 Nov 2022 11:40

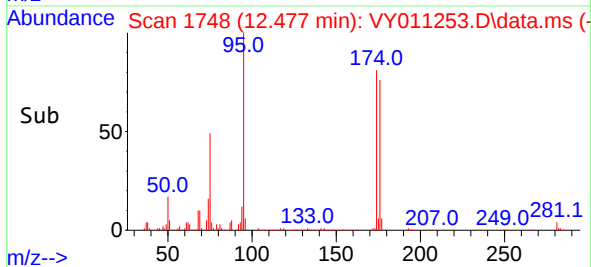
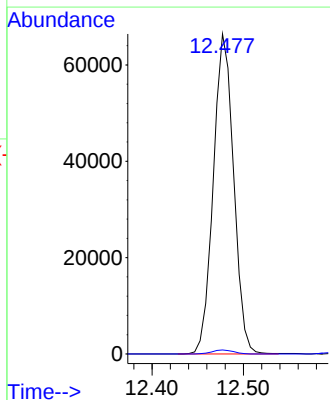
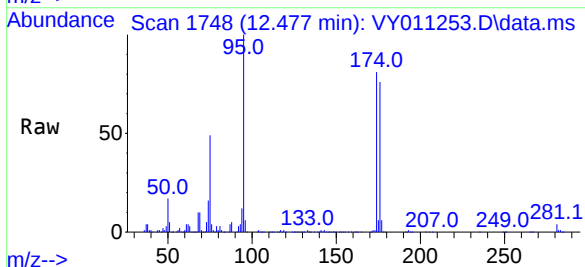
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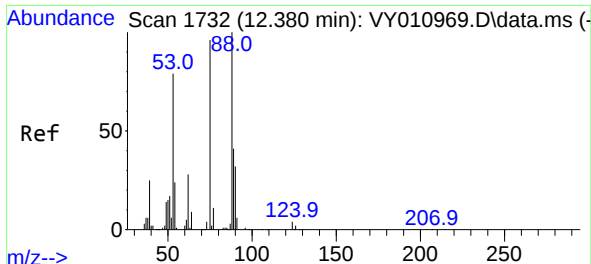
Tgt Ion:152 Resp: 212879
Ion Ratio Lower Upper
152 100
115 58.1 28.2 84.7
150 157.2 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 39.686 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011253.D
Acq: 02 Nov 2022 11:40

Tgt Ion: 75 Resp: 102850
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

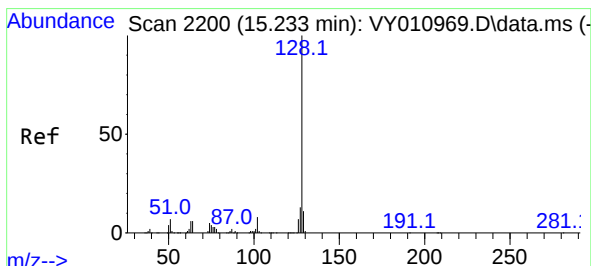
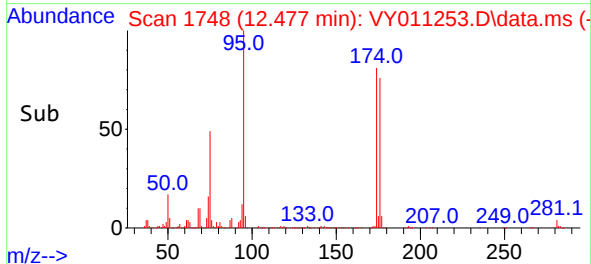
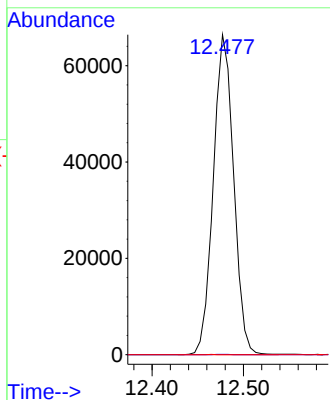
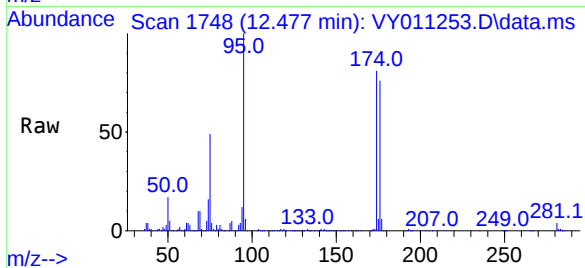




#81
trans-1,4-Dichloro-2-butene
Concen: 84.932 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY011253.D
Acq: 02 Nov 2022 11:40

Instrument :
MSVOA_Y
ClientSampleId :
OR-2-102822

Tgt Ion: 75 Resp: 102850
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 4.239 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY011253.D
Acq: 02 Nov 2022 11:40

Tgt Ion:128 Resp: 2783
Ion Ratio Lower Upper
128 100
127 14.4 11.0 16.4
129 12.2 8.4 12.6

