

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
 Data File : VY021328.D
 Acq On : 26 Feb 2025 13:54
 Operator : SY/MD
 Sample : Q1401-07
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-VPB-192-GW-825-827

Quant Time: Feb 27 00:37:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 02:09:13 2025
 Response via : Initial Calibration

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

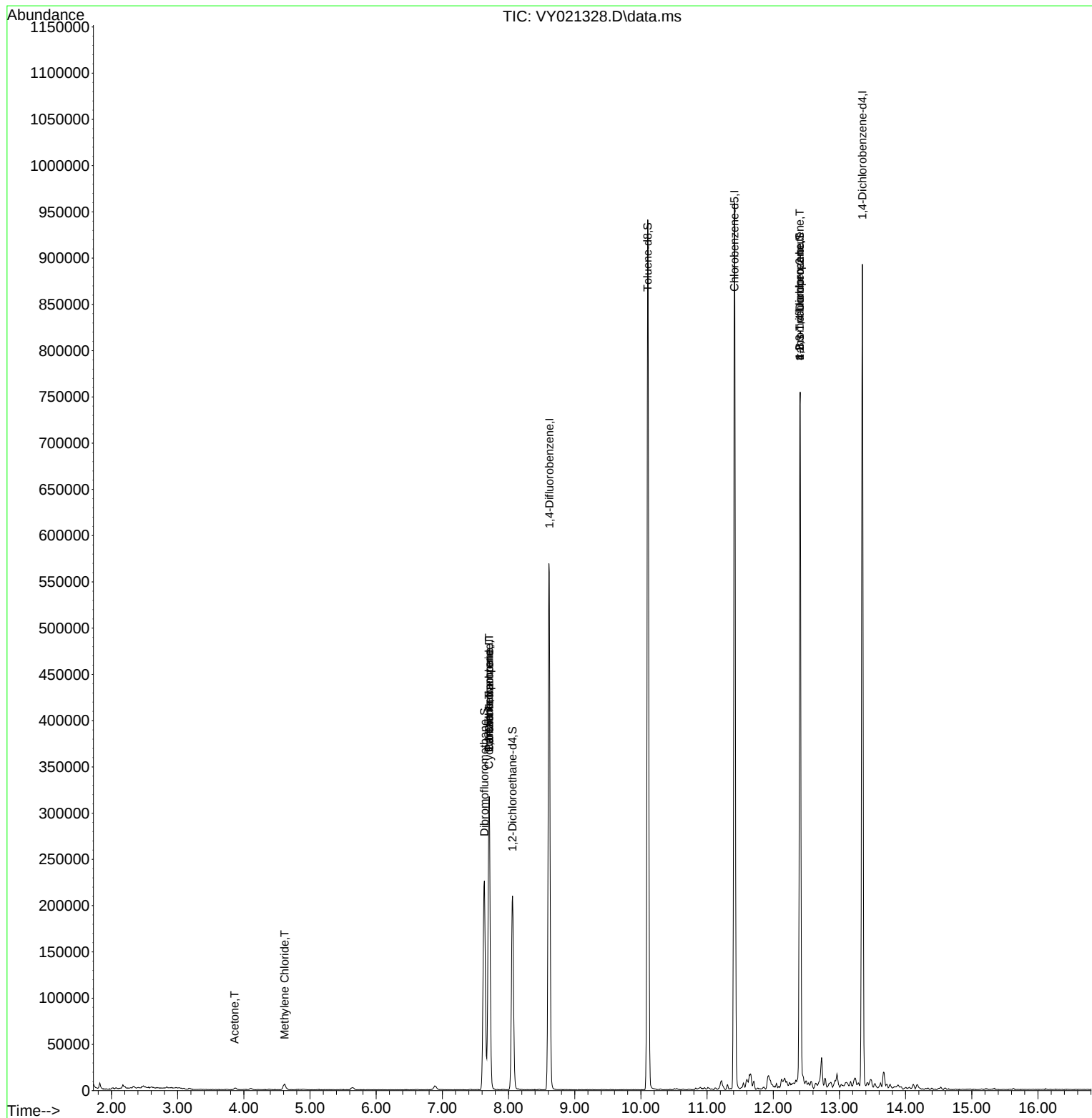
Internal Standards						
1) Pentafluorobenzene	7.707	168	237643	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	467253	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	479781	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	211227	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	165185	61.274	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.540%	
35) Dibromofluoromethane	7.634	113	159219	51.975	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.960%	
50) Toluene-d8	10.103	98	584543	49.374	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.740%	
62) 4-Bromofluorobenzene	12.401	95	222969	55.961	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 111.920%	
Target Compounds						
					Qvalue	
16) Acetone	3.860	43	3238	6.262	ug/l #	87
20) Methylene Chloride	4.616	84	3882	1.388	ug/l	90
31) Cyclohexane	7.701	56	5647	1.188	ug/l #	11
36) 1,1-Dichloropropene	7.707	75	19018	4.133	ug/l #	51
38) Carbon Tetrachloride	7.707	117	23700	4.581	ug/l #	17
76) 1,2,3-Trichloropropane	12.401	75	124533	58.901	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	124533	130.916	ug/l #	10

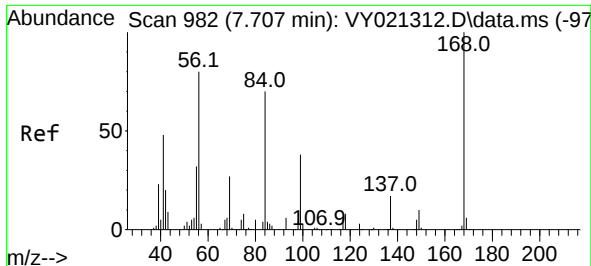
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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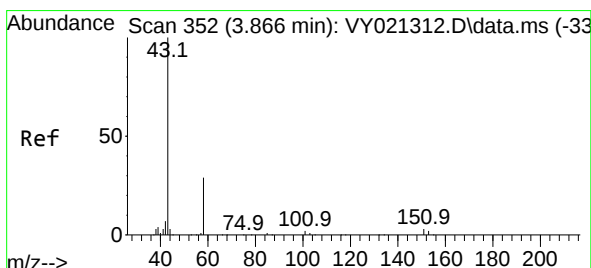
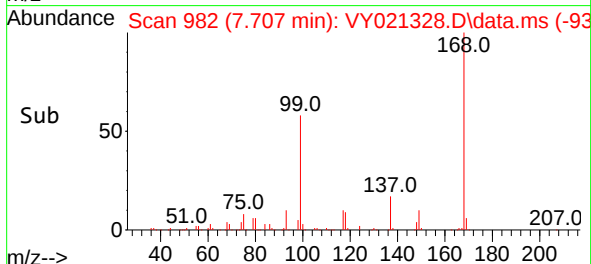
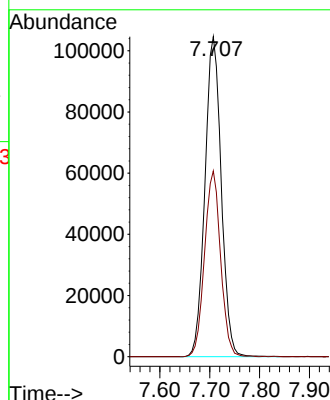
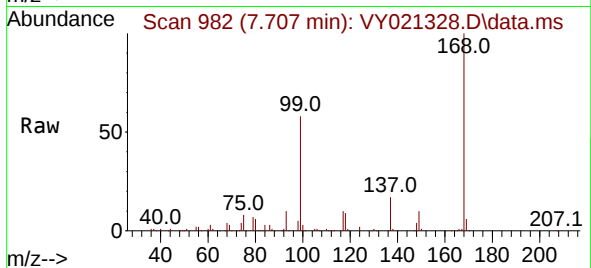




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021328.D
Acq: 26 Feb 2025 13:54

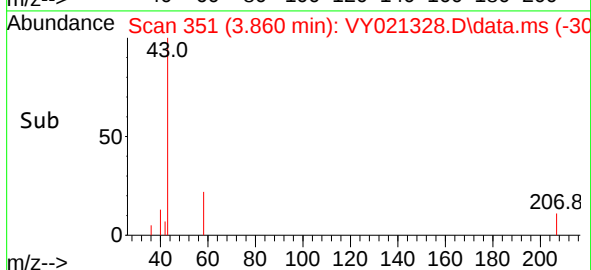
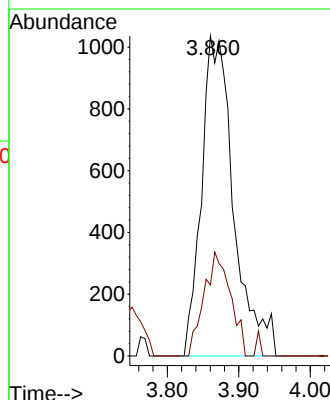
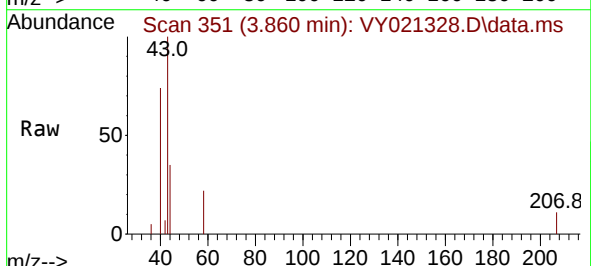
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-192-GW-825-827

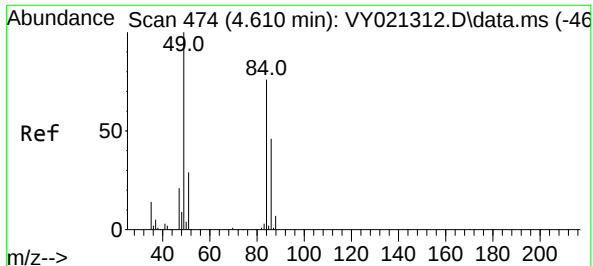
Tgt Ion:168 Resp: 237643
Ion Ratio Lower Upper
168 100
99 58.0 47.1 70.7



#16
Acetone
Concen: 6.262 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.006 min
Lab File: VY021328.D
Acq: 26 Feb 2025 13:54

Tgt Ion: 43 Resp: 3238
Ion Ratio Lower Upper
43 100
58 22.2 23.5 35.3#

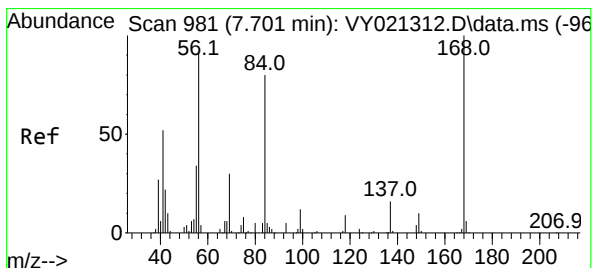
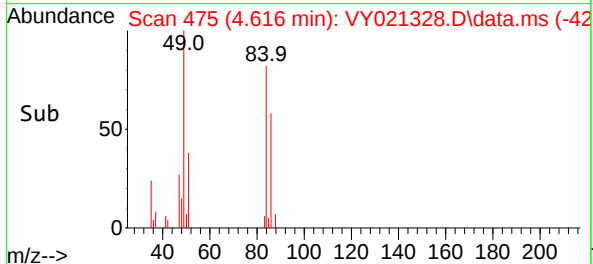
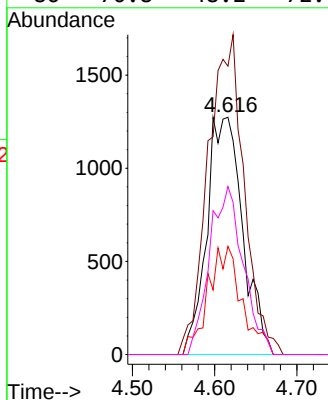
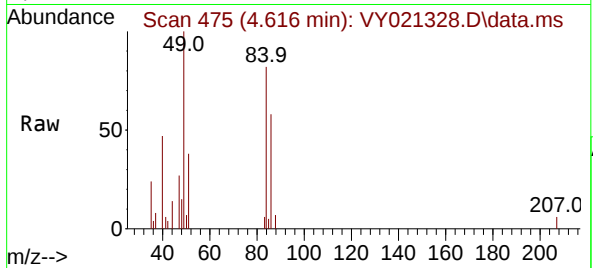




#20
Methylene Chloride
Concen: 1.388 ug/l
RT: 4.616 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY021328.D
Acq: 26 Feb 2025 13:54

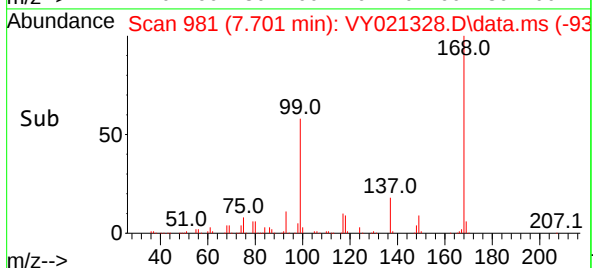
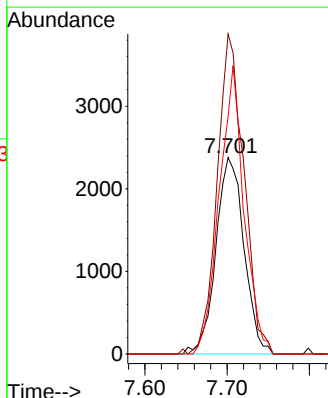
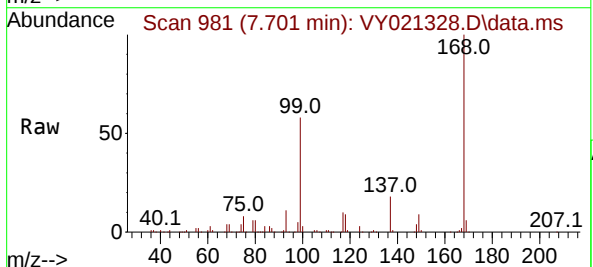
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-192-GW-825-827

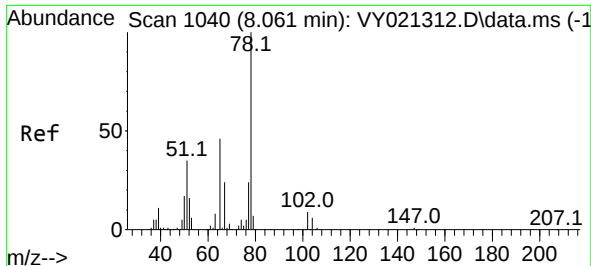
Tgt Ion:	84	Resp:	3882
Ion	Ratio	Lower	Upper
84	100		
49	121.5	105.1	157.7
51	45.6	31.0	46.4
86	70.8	48.2	72.4



#31
Cyclohexane
Concen: 1.188 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021328.D
Acq: 26 Feb 2025 13:54

Tgt Ion:	56	Resp:	5647
Ion	Ratio	Lower	Upper
56	100		
69	162.9	26.2	39.4#
84	120.9	70.2	105.4#





#33

1,2-Dichloroethane-d4

Concen: 61.274 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021328.D

Acq: 26 Feb 2025 13:54

Instrument :

MSVOA_Y

ClientSampleId :

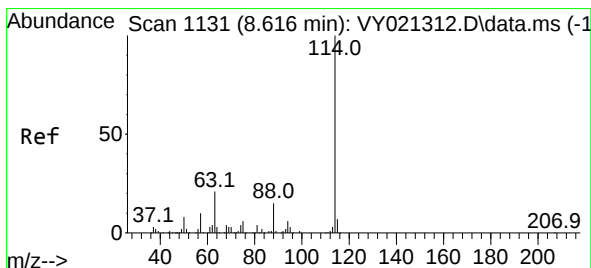
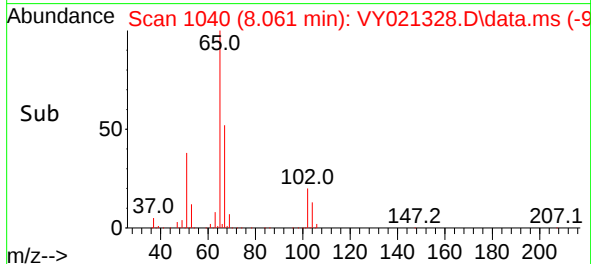
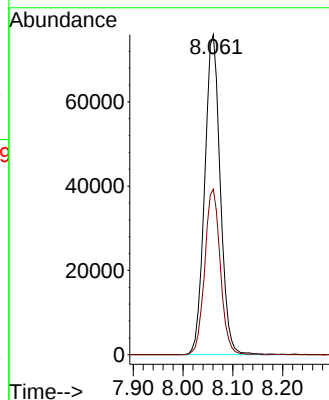
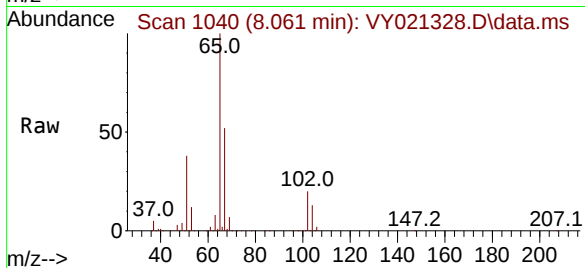
BP-VPB-192-GW-825-827

Tgt Ion: 65 Resp: 165185

Ion Ratio Lower Upper

65 100

67 51.4 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021328.D

Acq: 26 Feb 2025 13:54

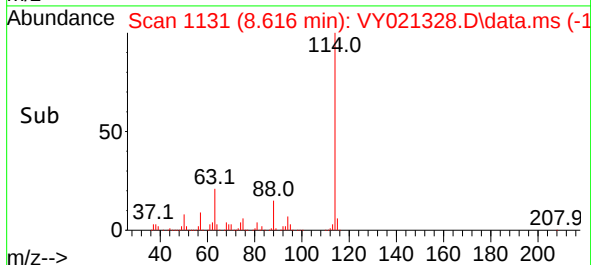
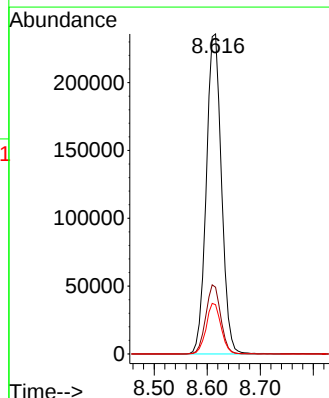
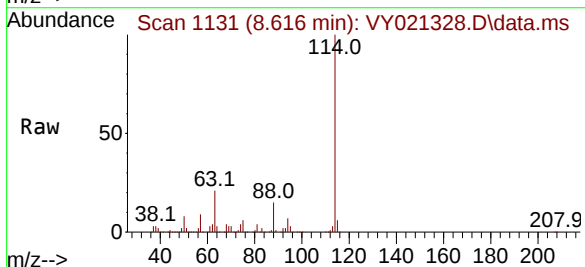
Tgt Ion: 114 Resp: 467253

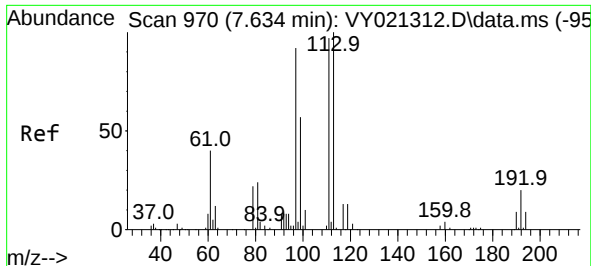
Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.2

88 15.4 0.0 29.8

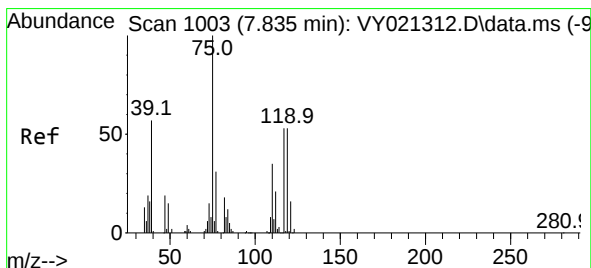
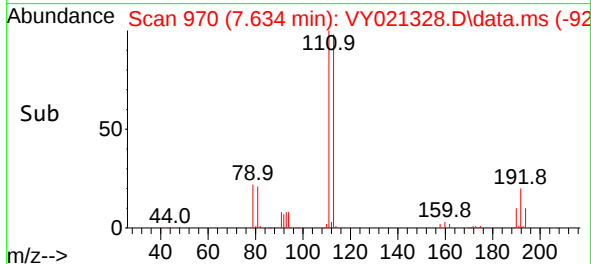
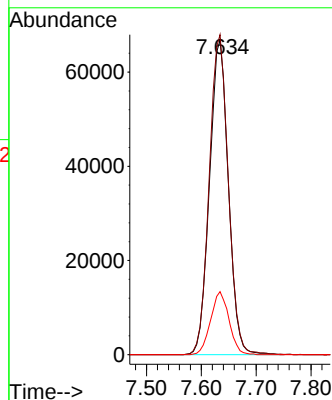
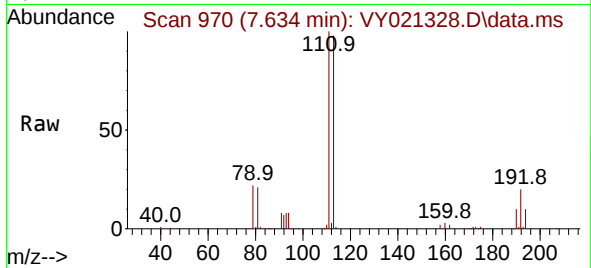




#35
Dibromofluoromethane
Concen: 51.975 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021328.D
Acq: 26 Feb 2025 13:54

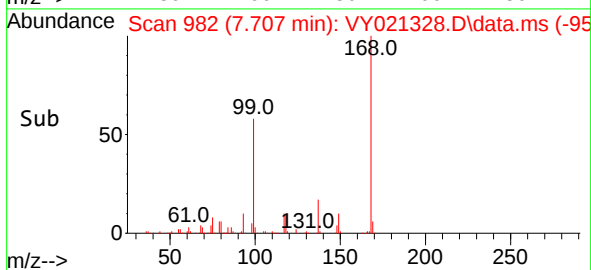
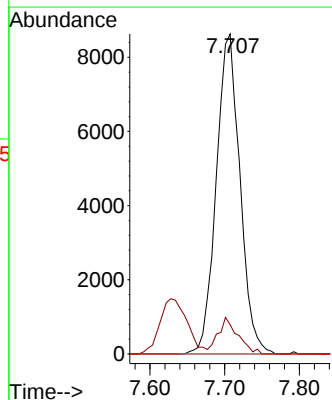
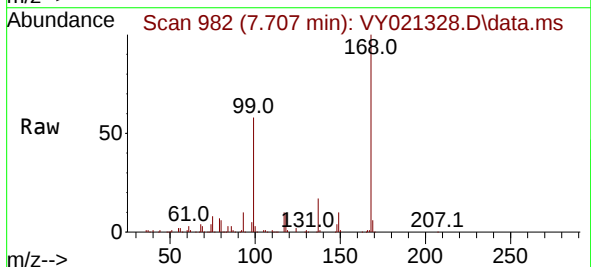
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-192-GW-825-827

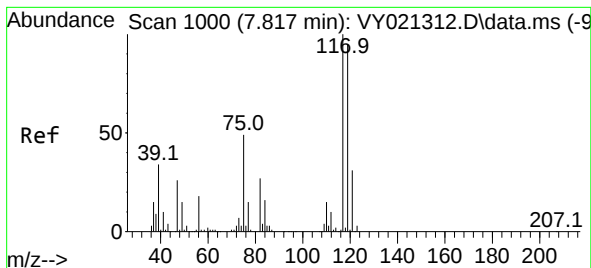
Tgt Ion:113 Resp: 159219
Ion Ratio Lower Upper
113 100
111 102.8 81.0 121.6
192 19.6 15.8 23.8



#36
1,1-Dichloropropene
Concen: 4.133 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY021328.D
Acq: 26 Feb 2025 13:54

Tgt Ion: 75 Resp: 19018
Ion Ratio Lower Upper
75 100
110 9.5 16.9 50.7#
77 0.0 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 4.581 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.110 min

Lab File: VY021328.D

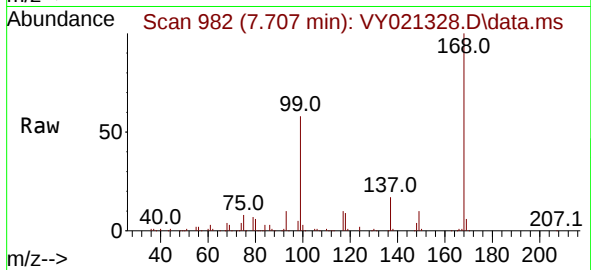
Acq: 26 Feb 2025 13:54

Instrument :

MSVOA_Y

ClientSampleId :

BP-VPB-192-GW-825-827



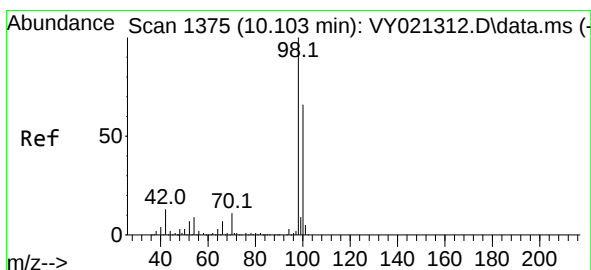
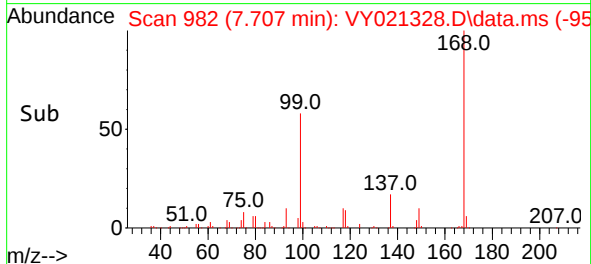
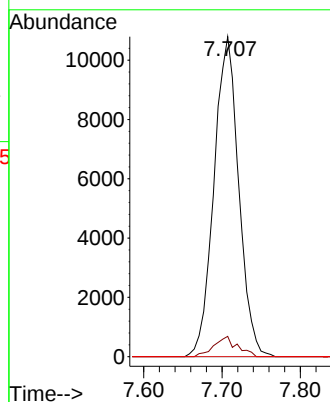
Tgt Ion:117 Resp: 23700

Ion Ratio Lower Upper

117 100

119 6.4 76.0 114.0#

121 0.0 24.9 37.3#



#50

Toluene-d8

Concen: 49.374 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY021328.D

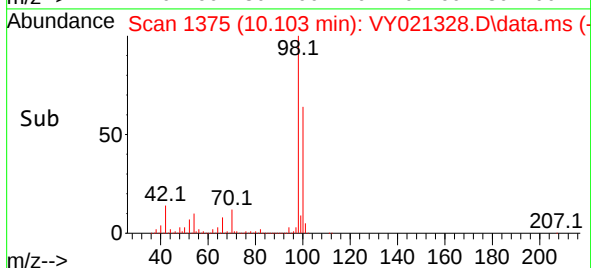
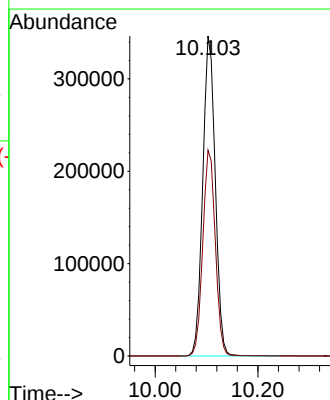
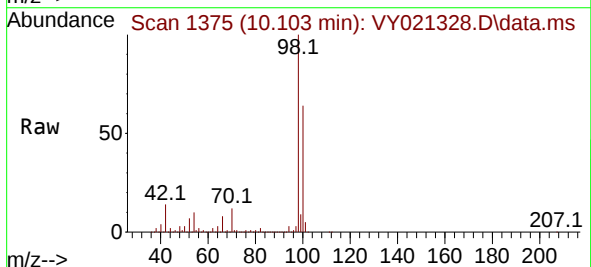
Acq: 26 Feb 2025 13:54

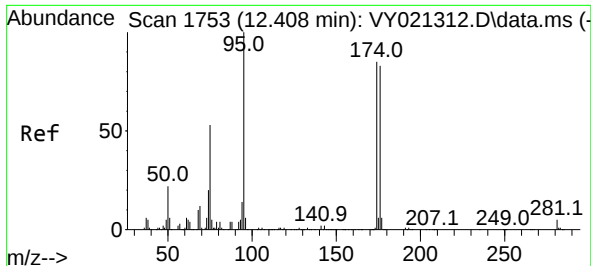
Tgt Ion: 98 Resp: 584543

Ion Ratio Lower Upper

98 100

100 64.4 52.4 78.6

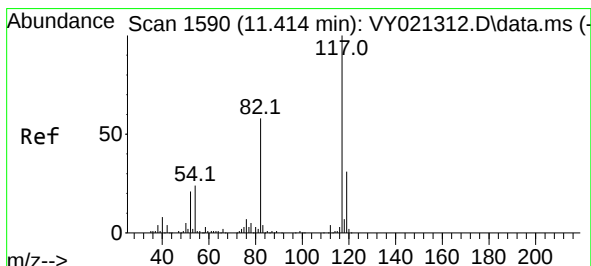
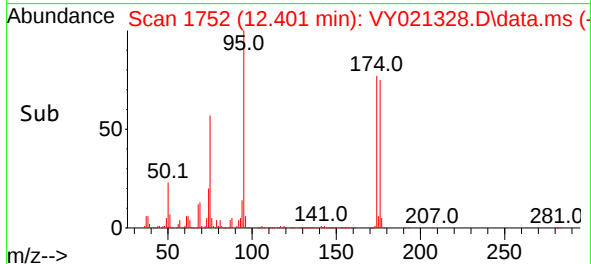
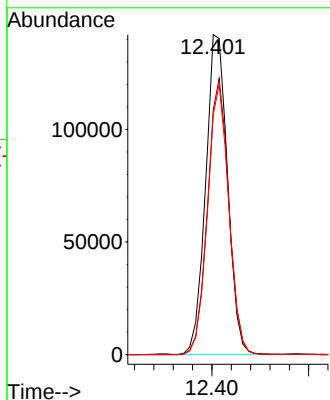
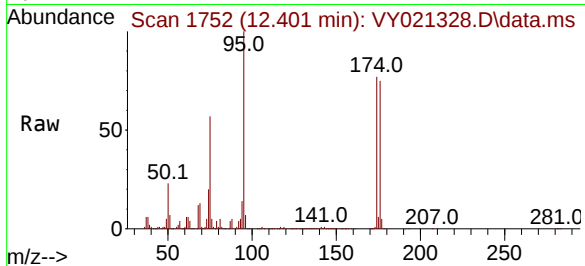




#62
4-Bromofluorobenzene
Concen: 55.961 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY021328.D
Acq: 26 Feb 2025 13:54

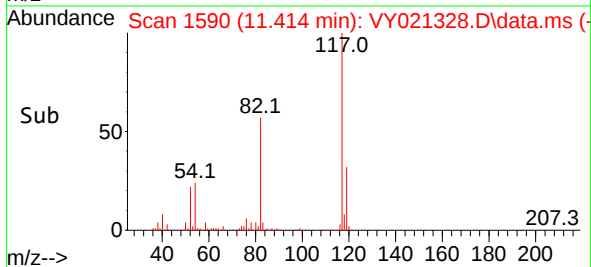
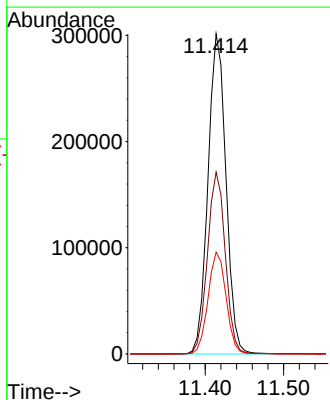
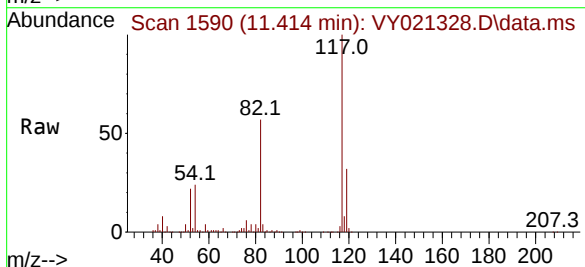
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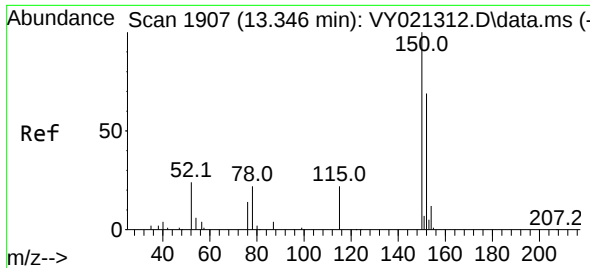
Tgt Ion: 95 Resp: 222969
Ion Ratio Lower Upper
95 100
174 84.1 0.0 168.0
176 81.9 0.0 162.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY021328.D
Acq: 26 Feb 2025 13:54

Tgt Ion: 117 Resp: 479781
Ion Ratio Lower Upper
117 100
82 56.8 46.2 69.4
119 31.8 24.9 37.3

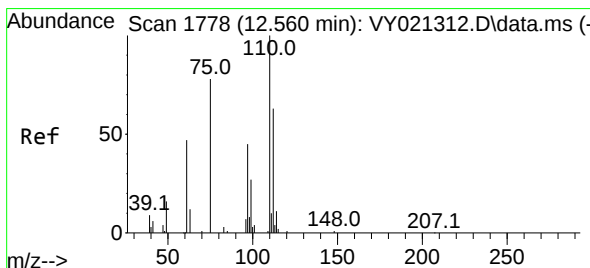
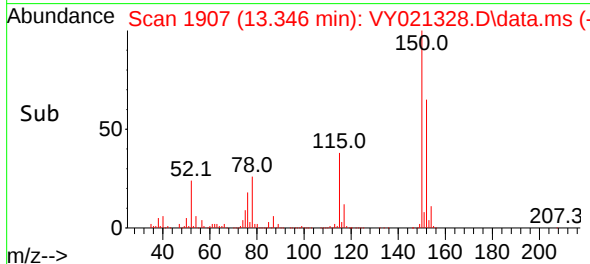
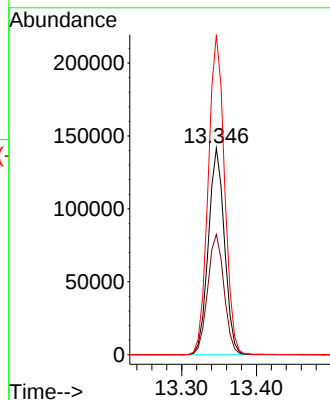
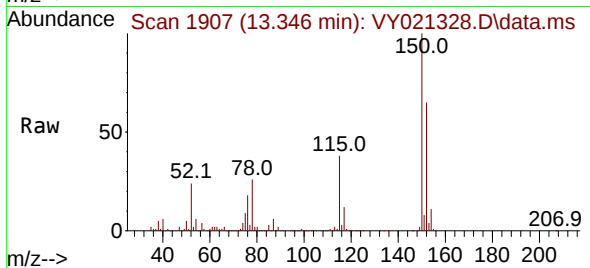




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021328.D
Acq: 26 Feb 2025 13:54

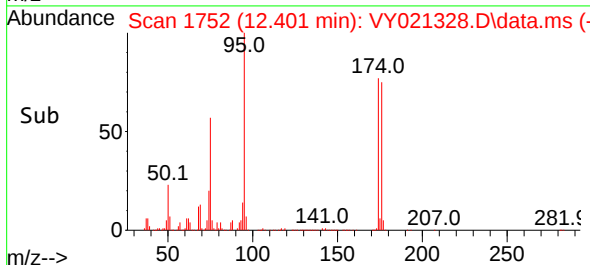
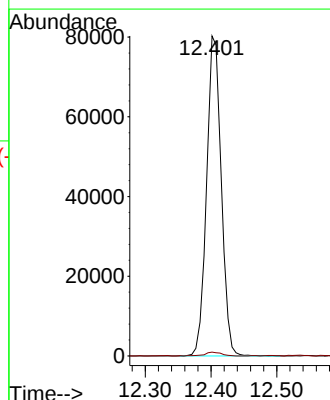
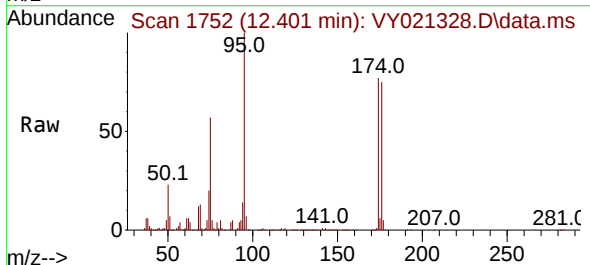
Instrument :
MSVOA_Y
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BP-VPB-192-GW-825-827

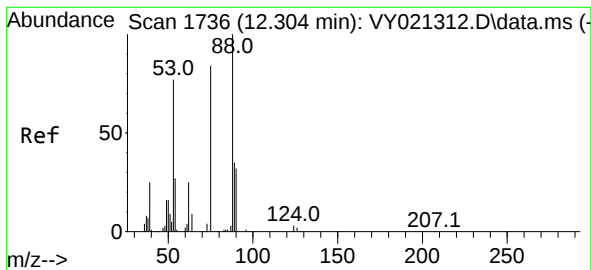
Tgt Ion:152 Resp: 211227
Ion Ratio Lower Upper
152 100
115 59.3 29.3 88.0
150 157.2 0.0 347.4



#76
1,2,3-Trichloropropane
Concen: 58.901 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.159 min
Lab File: VY021328.D
Acq: 26 Feb 2025 13:54

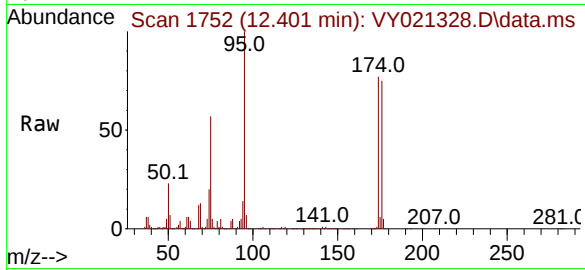
Tgt Ion: 75 Resp: 124533
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 130.916 ug/l
 RT: 12.401 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY021328.D
 Acq: 26 Feb 2025 13:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-VPB-192-GW-825-827



Tgt Ion: 75 Resp: 124533
 Ion Ratio Lower Upper
 75 100
 53 0.2 79.1 118.7#
 89 0.0 35.6 53.4#

