

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121824\
 Data File : VY020629.D
 Acq On : 18 Dec 2024 12:33
 Operator : SY/MD
 Sample : P5227-02
 Misc : 3.63g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-2A

Quant Time: Dec 18 14:21:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 05:27:13 2024
 Response via : Initial Calibration

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

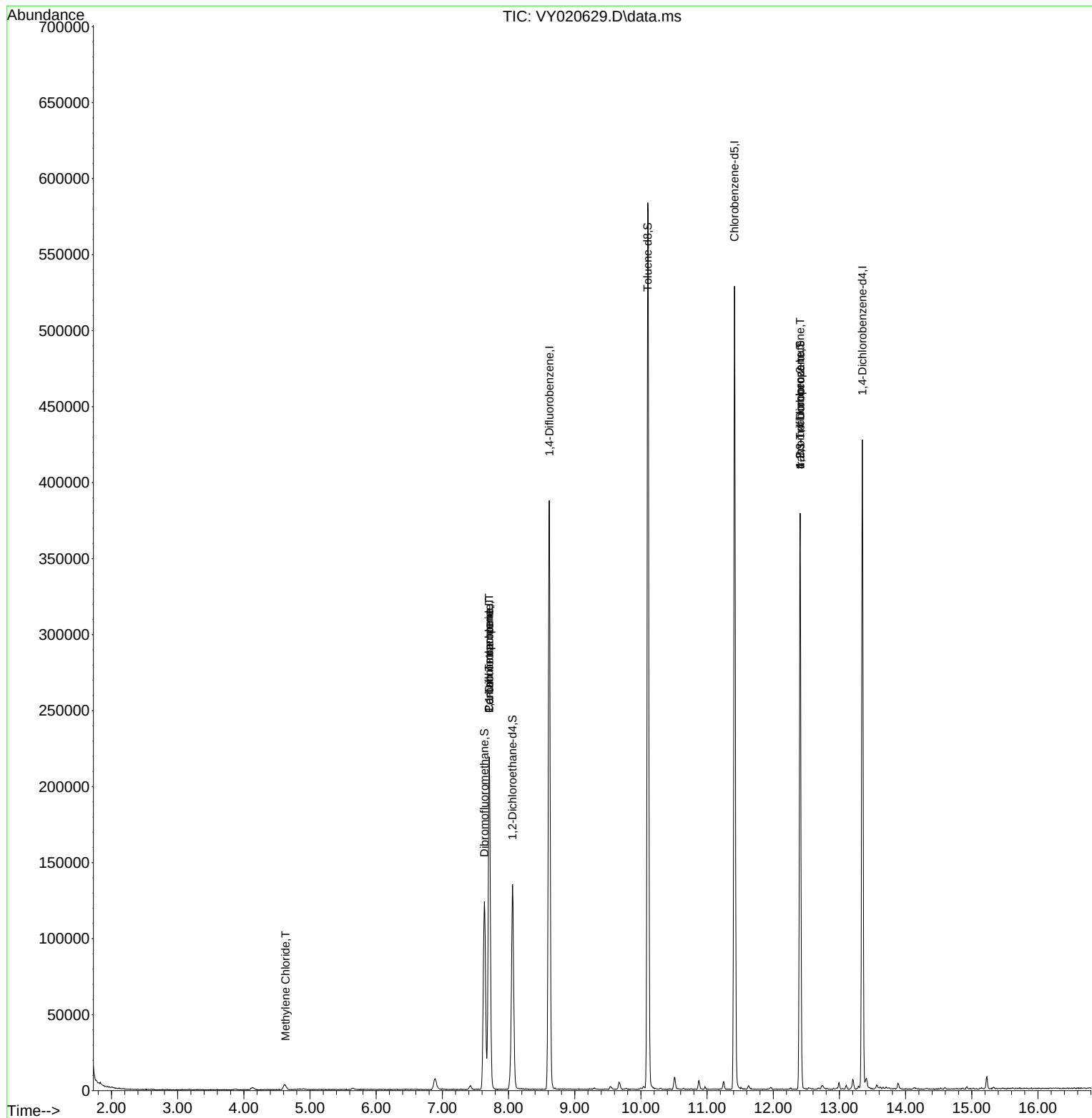
Internal Standards						
1) Pentafluorobenzene	7.707	168	167185	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	323384	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	272093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	105985	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	98540	53.817	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.640%
35) Dibromofluoromethane	7.634	113	90132	39.547	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.100%
50) Toluene-d8	10.103	98	386399	48.437	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.880%
62) 4-Bromofluorobenzene	12.408	95	115220	36.924	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	73.840%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.854	59	295	Below Cal	#	75
16) Acetone	3.873	43	876	Below Cal	#	89
20) Methylene Chloride	4.629	84	2616	1.149	ug/l #	80
30) Chloroform	7.415	83	2432	Below Cal	#	74
36) 1,1-Dichloropropene	7.707	75	12965	3.120	ug/l #	51
38) Carbon Tetrachloride	7.707	117	17783	3.868	ug/l #	14
76) 1,2,3-Trichloropropane	12.408	75	61900	56.223	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	61900	118.014	ug/l #	12

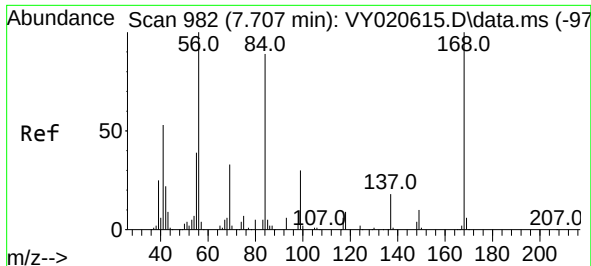
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 18 05:27:13 2024
Response via : Initial Calibration

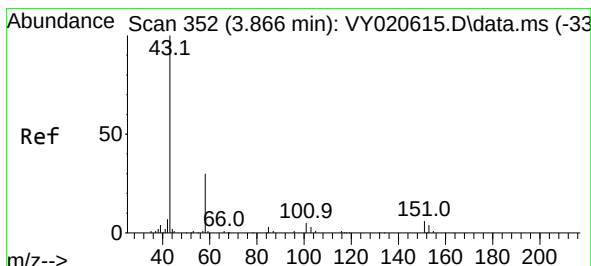
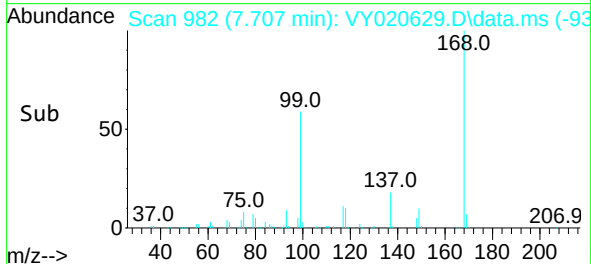
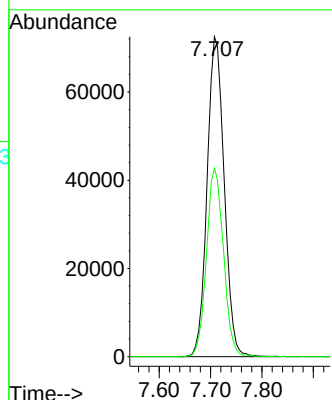
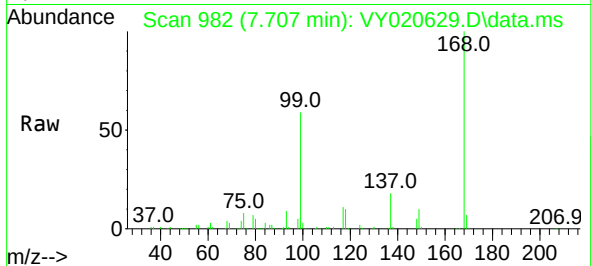




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY020629.D
Acq: 18 Dec 2024 12:33

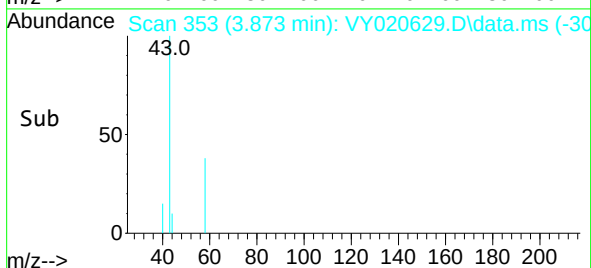
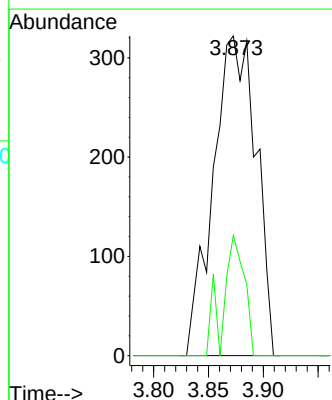
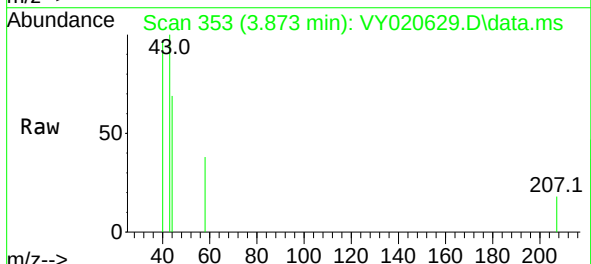
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2A

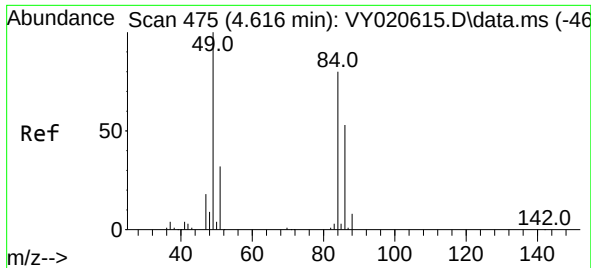
Tgt Ion:168 Resp: 167185
Ion Ratio Lower Upper
168 100
99 58.9 47.0 70.6



#16
Acetone
Concen: Below Cal
RT: 3.873 min Scan# 353
Delta R.T. 0.007 min
Lab File: VY020629.D
Acq: 18 Dec 2024 12:33

Tgt Ion: 43 Resp: 876
Ion Ratio Lower Upper
43 100
58 37.6 25.0 37.6#

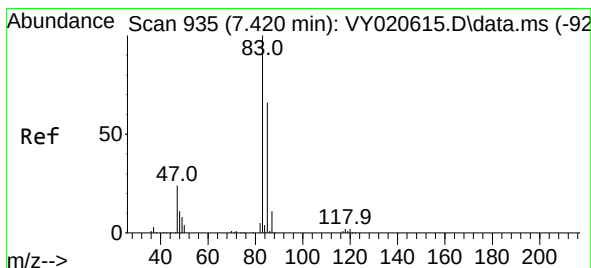
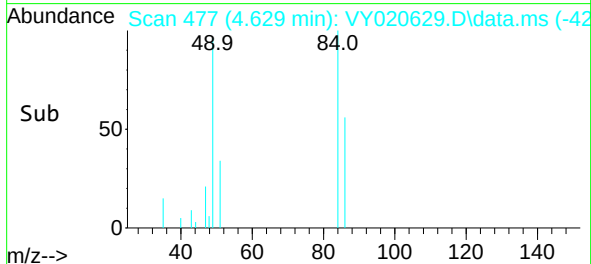
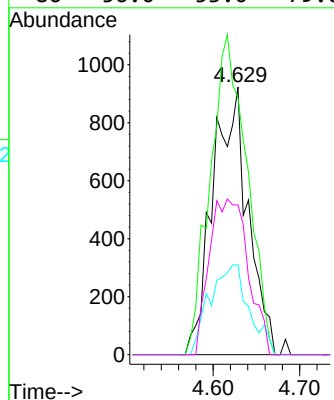
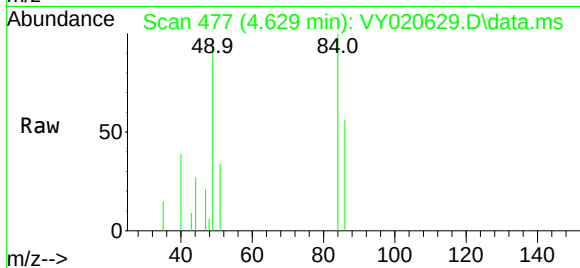




#20
Methylene Chloride
Concen: 1.149 ug/l
RT: 4.629 min Scan# 41
Delta R.T. 0.013 min
Lab File: VY020629.D
Acq: 18 Dec 2024 12:33

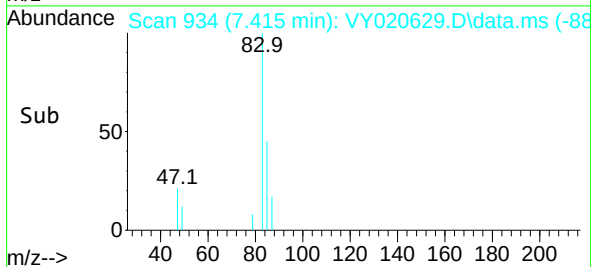
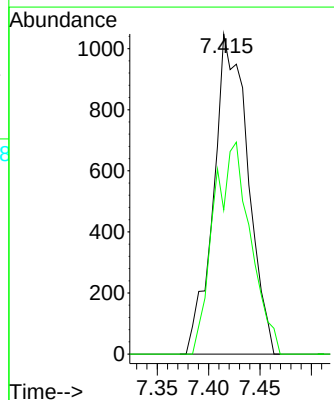
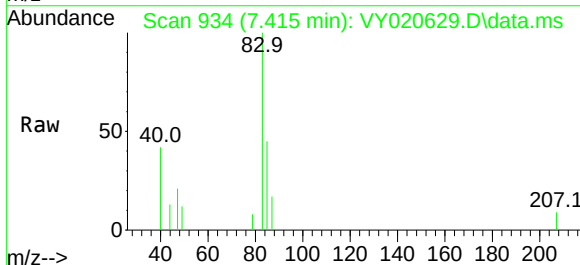
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2A

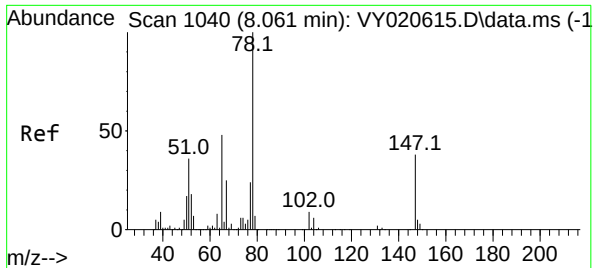
Tgt Ion: 84	Resp: 2616
Ion Ratio	Lower Upper
84 100	
49 96.0	100.7 151.1#
51 33.6	32.2 48.2
86 56.0	53.0 79.6



#30
Chloroform
Concen: Below Cal
RT: 7.415 min Scan# 934
Delta R.T. -0.005 min
Lab File: VY020629.D
Acq: 18 Dec 2024 12:33

Tgt Ion: 83	Resp: 2432		
Ion Ratio	Lower	Upper	
83 100			
85 45.0	52.7	79.1#	

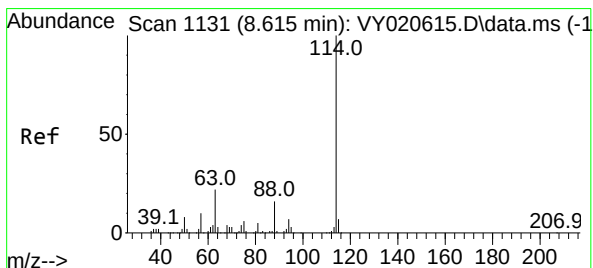
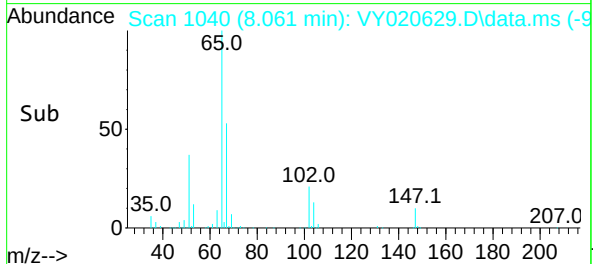
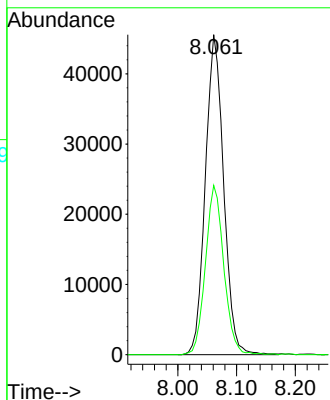
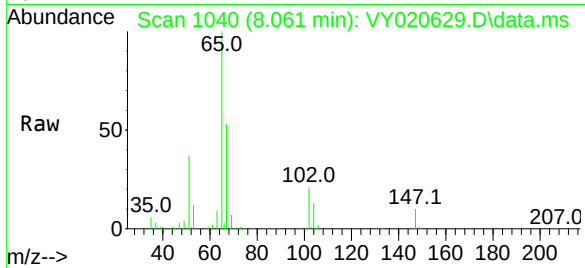




#33
1,2-Dichloroethane-d4
Concen: 53.817 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020629.D
Acq: 18 Dec 2024 12:33

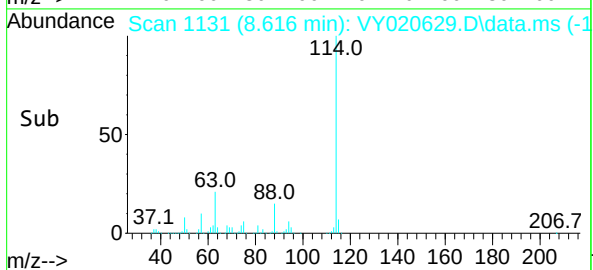
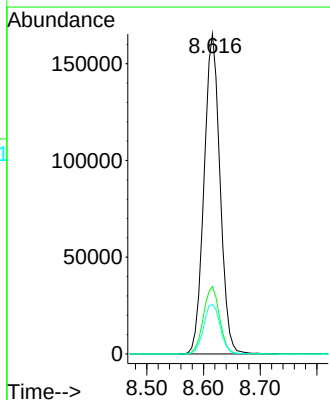
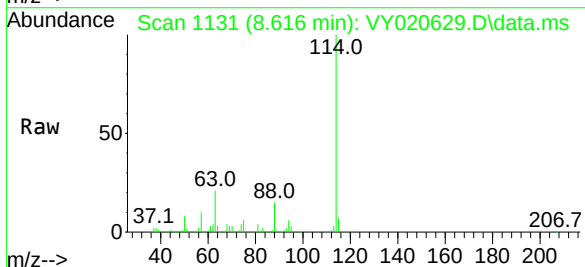
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2A

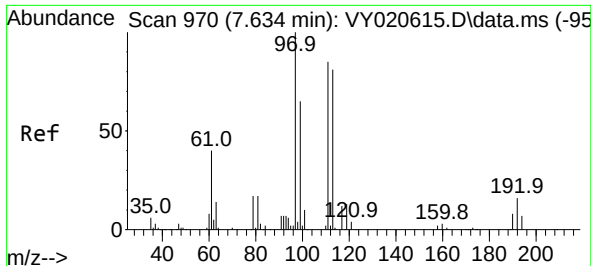
Tgt Ion: 65 Resp: 98540
Ion Ratio Lower Upper
65 100
67 53.1 0.0 108.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020629.D
Acq: 18 Dec 2024 12:33

Tgt Ion: 114 Resp: 323384
Ion Ratio Lower Upper
114 100
63 21.1 0.0 44.0
88 15.5 0.0 32.8

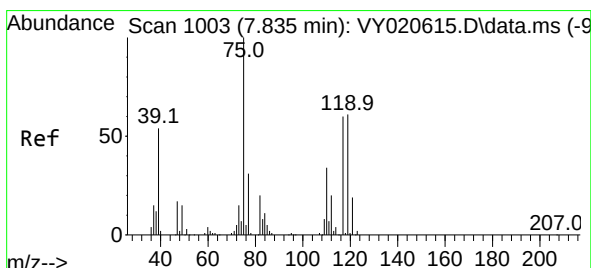
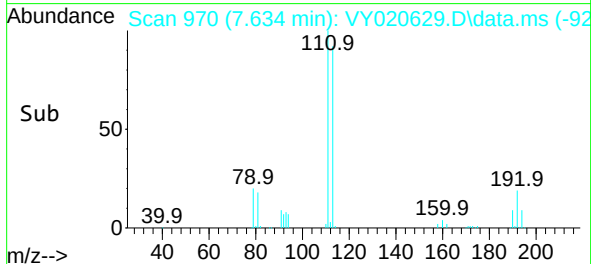
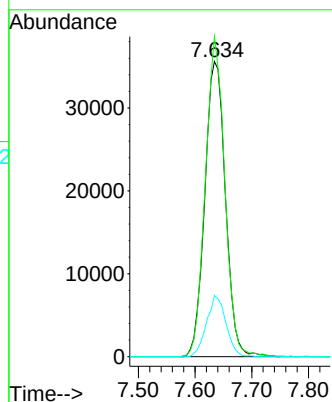
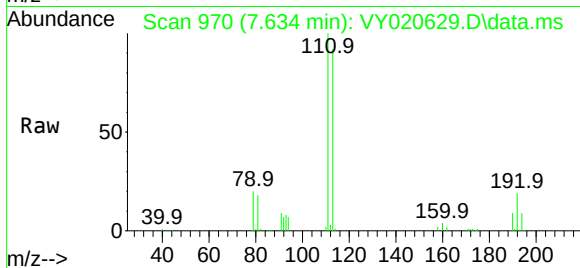




#35
Dibromofluoromethane
Concen: 39.547 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020629.D
Acq: 18 Dec 2024 12:33

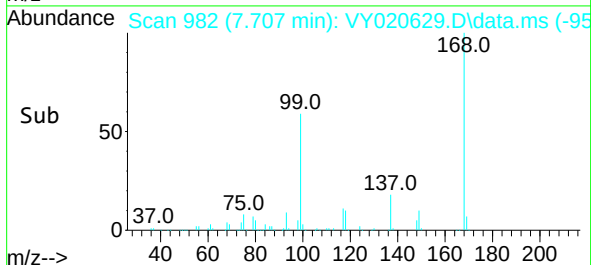
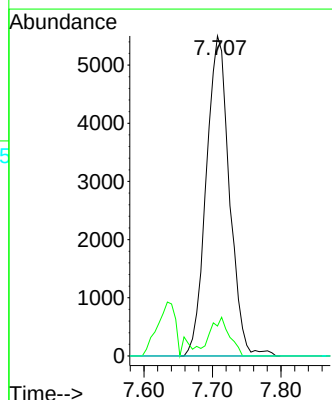
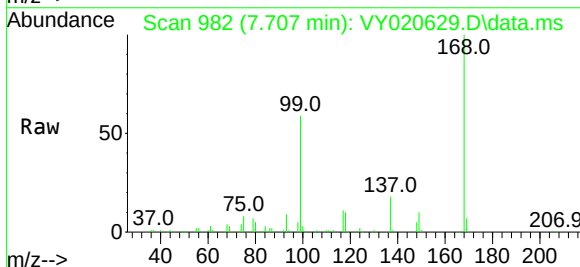
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2A

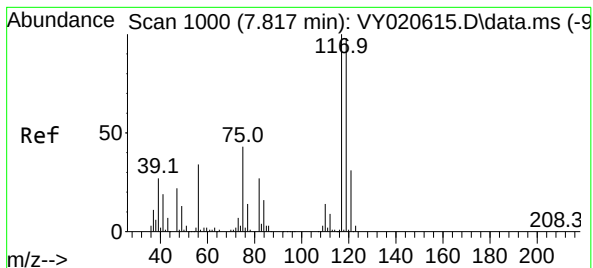
Tgt Ion:113 Resp: 90132
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 19.5 15.7 23.5



#36
1,1-Dichloropropene
Concen: 3.120 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY020629.D
Acq: 18 Dec 2024 12:33

Tgt Ion: 75 Resp: 12965
Ion Ratio Lower Upper
75 100
110 9.8 16.8 50.4#
77 0.0 25.0 37.6#





#38

Carbon Tetrachloride

Concen: 3.868 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.109 min

Lab File: VY020629.D

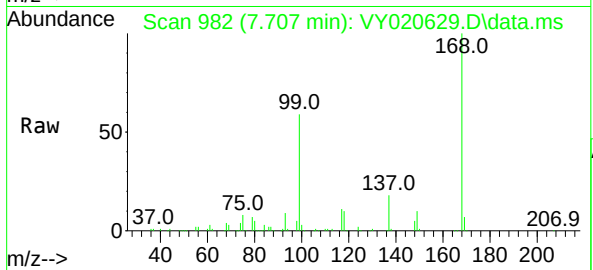
Acq: 18 Dec 2024 12:33

Instrument :

MSVOA_Y

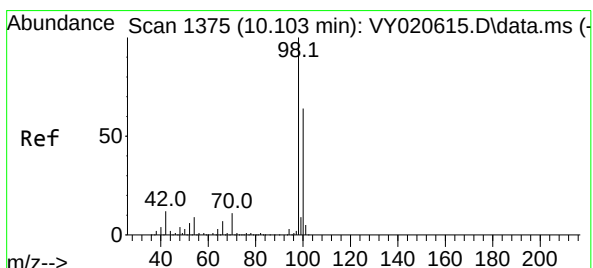
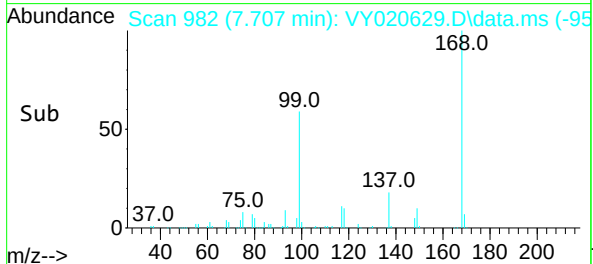
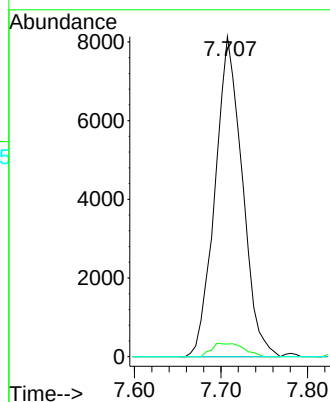
ClientSampleId :

COMP-2A



Tgt Ion:117 Resp: 17783

Ion	Ratio	Lower	Upper
117	100		
119	4.0	78.3	117.5#
121	0.0	25.1	37.7#



#50

Toluene-d8

Concen: 48.437 ug/l

RT: 10.103 min Scan# 1375

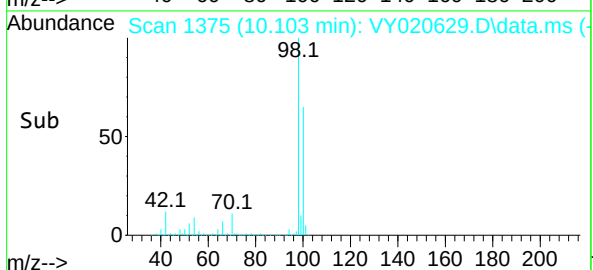
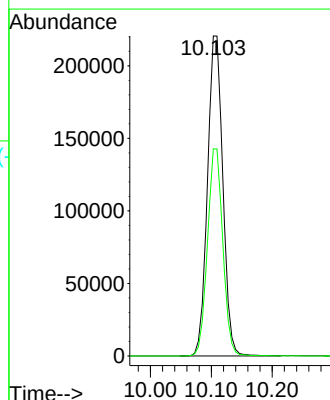
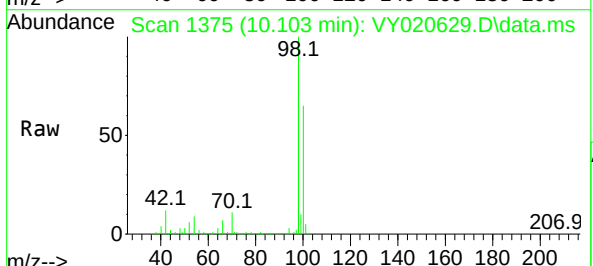
Delta R.T. 0.000 min

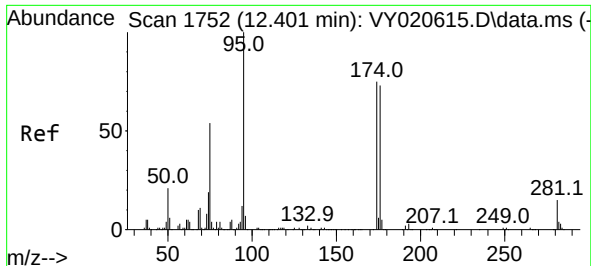
Lab File: VY020629.D

Acq: 18 Dec 2024 12:33

Tgt Ion: 98 Resp: 386399

Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.1	78.1

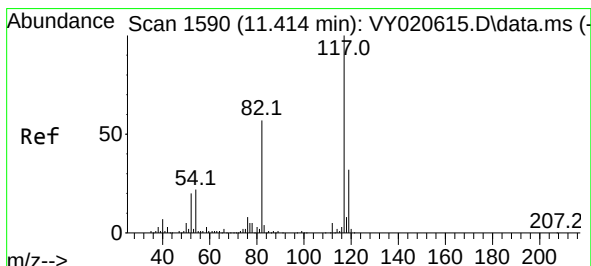
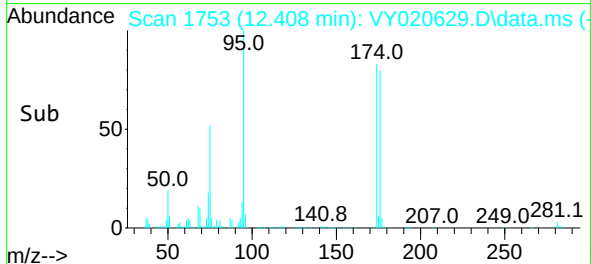
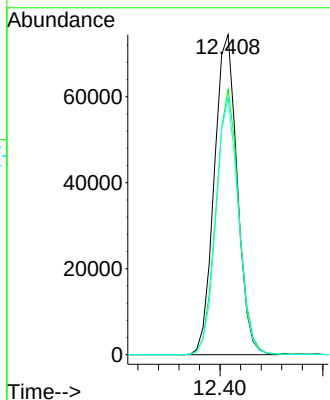
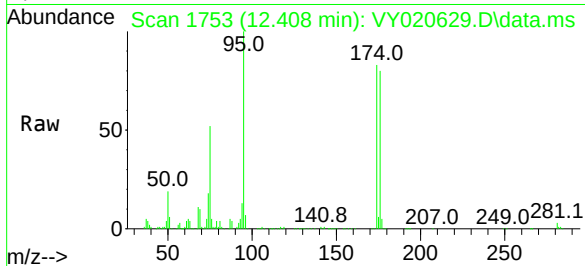




#62
4-Bromofluorobenzene
Concen: 36.924 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020629.D
Acq: 18 Dec 2024 12:33

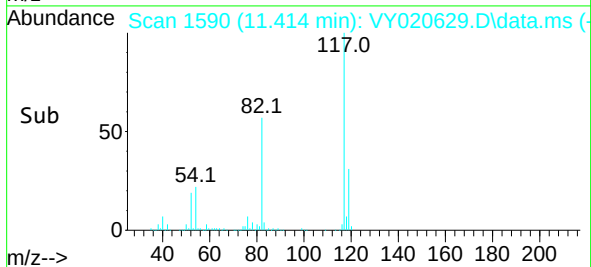
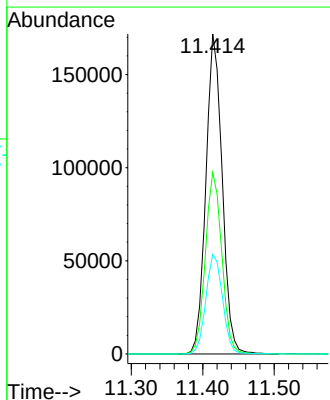
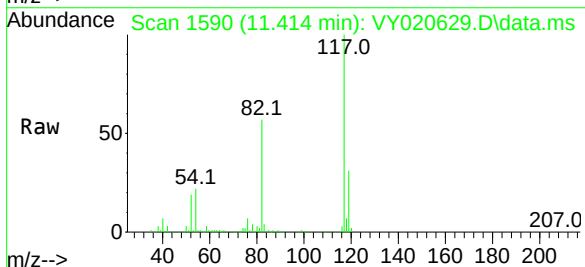
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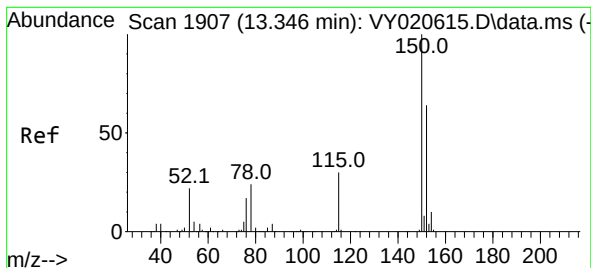
Tgt Ion: 95 Resp: 115220
Ion Ratio Lower Upper
95 100
174 83.0 0.0 161.8
176 79.0 0.0 156.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY020629.D
Acq: 18 Dec 2024 12:33

Tgt Ion: 117 Resp: 272093
Ion Ratio Lower Upper
117 100
82 56.7 45.8 68.6
119 31.1 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020629.D

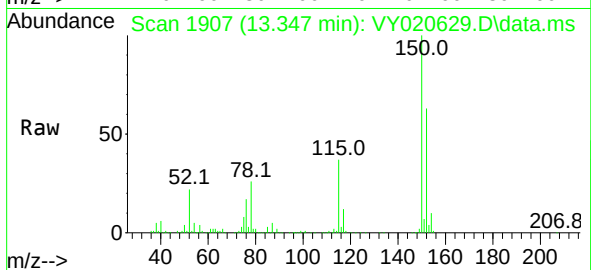
Acq: 18 Dec 2024 12:33

Instrument :

MSVOA_Y

ClientSampleId :

COMP-2A



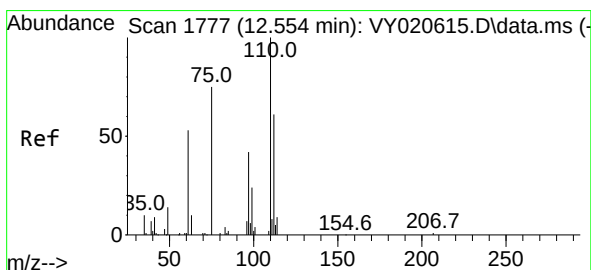
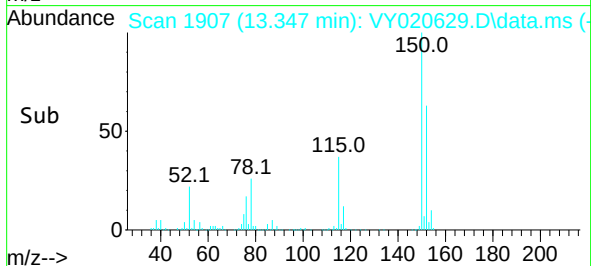
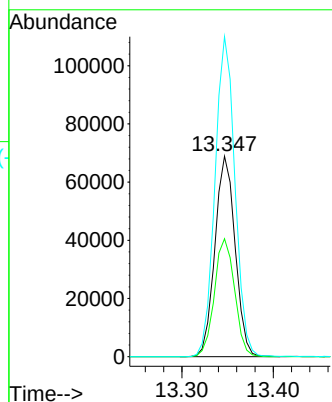
Tgt Ion:152 Resp: 105985

Ion Ratio Lower Upper

152 100

115 58.7 30.2 90.6

150 157.9 0.0 355.4



#76

1,2,3-Trichloropropane

Concen: 56.223 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY020629.D

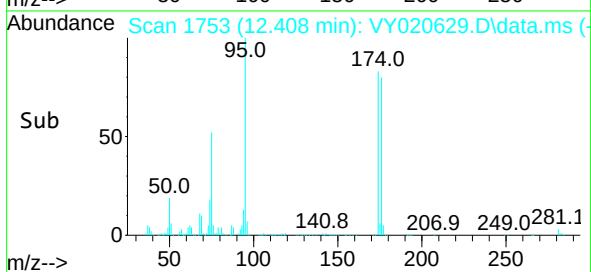
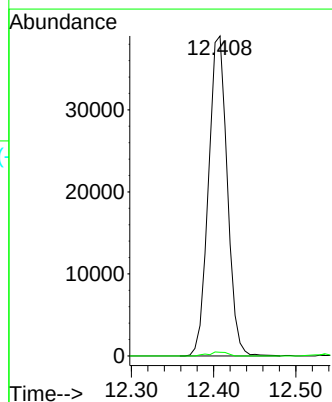
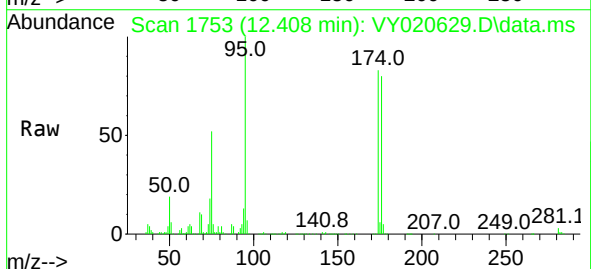
Acq: 18 Dec 2024 12:33

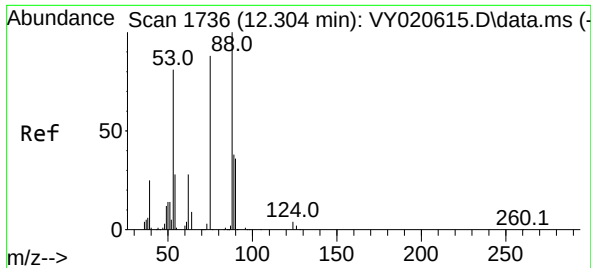
Tgt Ion: 75 Resp: 61900

Ion Ratio Lower Upper

75 100

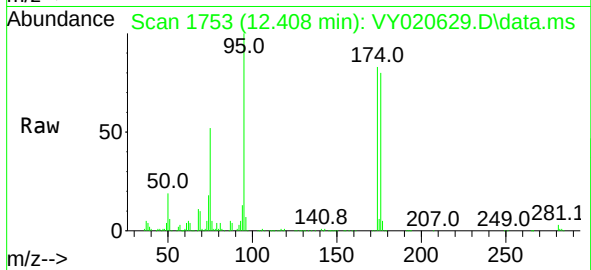
77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 118.014 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY020629.D
Acq: 18 Dec 2024 12:33

Instrument :
MSVOA_Y
ClientSampleId :
COMP-2A



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	75.4	113.2#
89	0.0	37.0	55.4#

