

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090123\
 Data File : VY015416.D
 Acq On : 01 Sep 2023 15:31
 Operator : SY/MD
 Sample : 04189-04
 Misc : 4.24g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01(48-50)

Quant Time: Sep 01 15:47:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

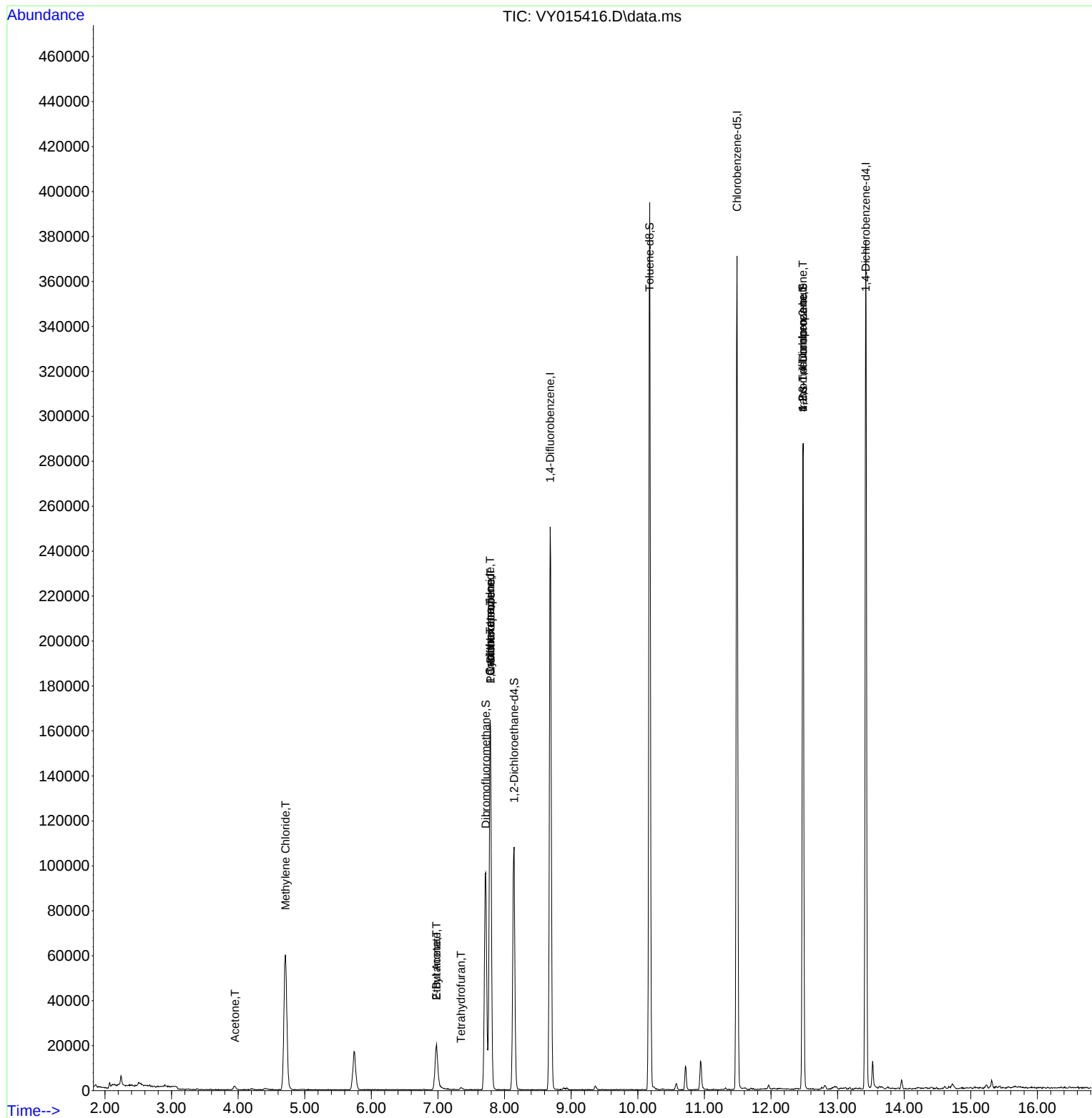
Internal Standards						
1) Pentafluorobenzene	7.789	168	128503	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	216447	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	197490	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	94490	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	85358	61.964	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.920%	
35) Dibromofluoromethane	7.716	113	68988	55.337	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.680%	
50) Toluene-d8	10.179	98	253728	56.200	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.400%	
62) 4-Bromofluorobenzene	12.477	95	85262	50.871	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.740%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	283	Below Cal	#	89
16) Acetone	3.954	43	2993	5.205	ug/l	95
20) Methylene Chloride	4.710	84	46622	21.243	ug/l	87
25) 2-Butanone	6.978	43	7903	9.691	ug/l #	67
29) Tetrahydrofuran	7.344	42	773	1.509	ug/l #	88
31) Cyclohexane	7.783	56	2724	1.113	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	9775	4.465	ug/l #	50
37) Ethyl Acetate	6.978	43	7903	4.681	ug/l #	85
38) Carbon Tetrachloride	7.783	117	12986	5.744	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	47471	37.885	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	47471	83.570	ug/l #	11

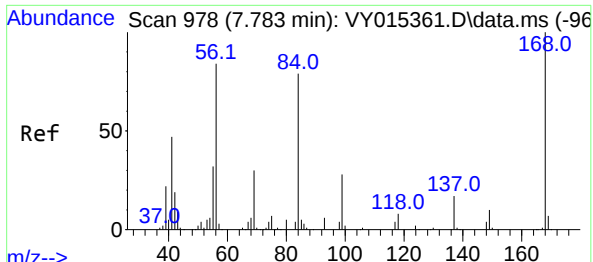
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090123\
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-01(48-50)

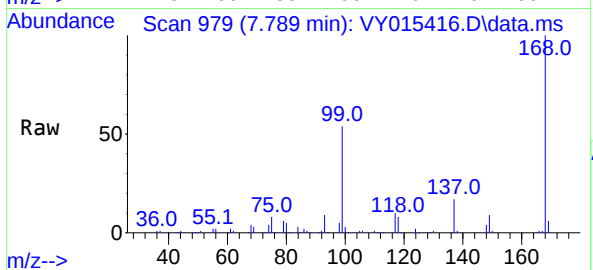
Quant Time: Sep 01 15:47:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration



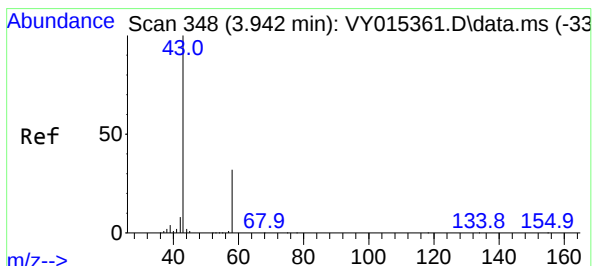
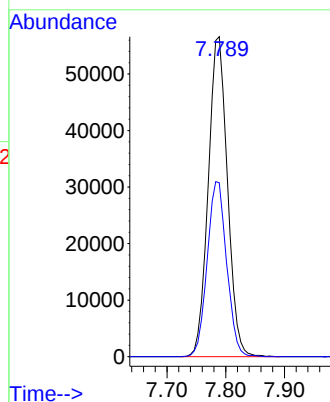
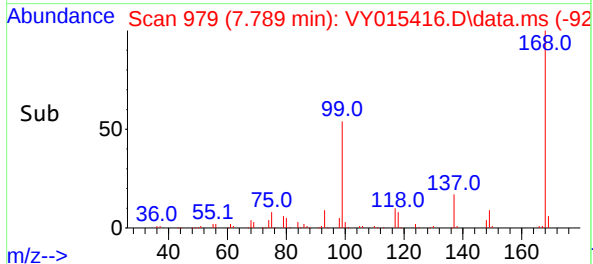


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015416.D
Acq: 01 Sep 2023 15:31

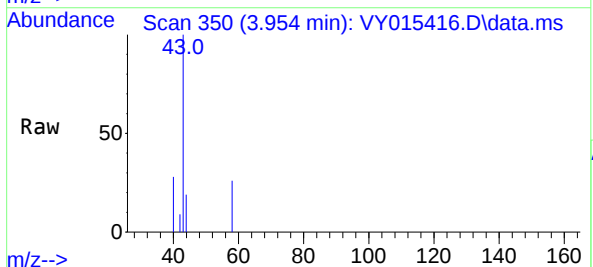
Instrument :
MSVOA_Y
ClientSampleId :
SB-01(48-50)



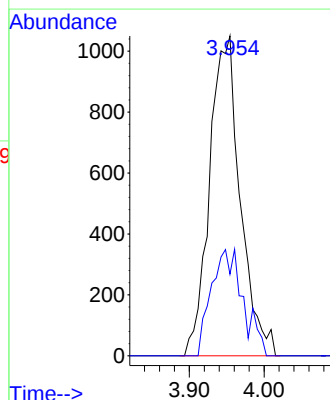
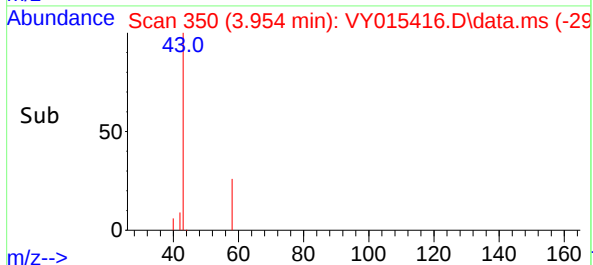
Tgt Ion:168 Resp: 128503
Ion Ratio Lower Upper
168 100
99 54.3 43.4 65.0

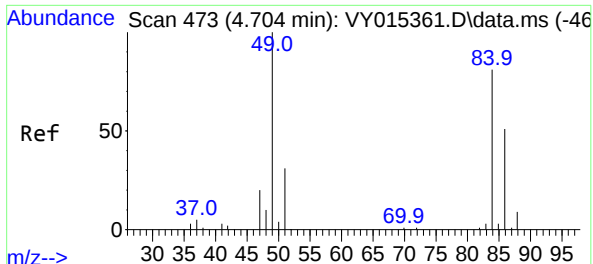


#16
Acetone
Concen: 5.205 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY015416.D
Acq: 01 Sep 2023 15:31



Tgt Ion: 43 Resp: 2993
Ion Ratio Lower Upper
43 100
58 25.5 22.7 34.1



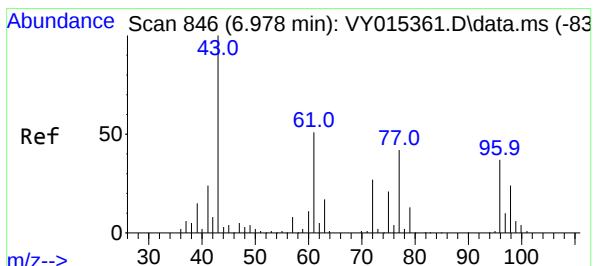
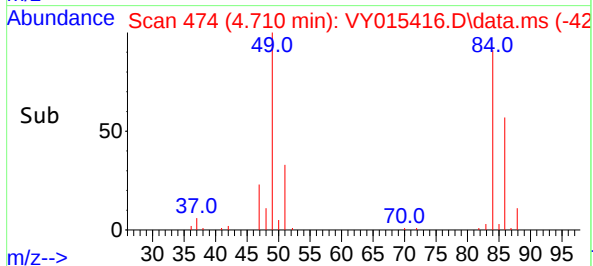
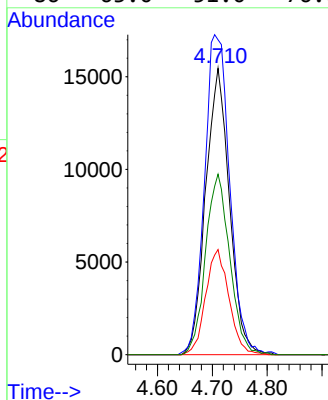
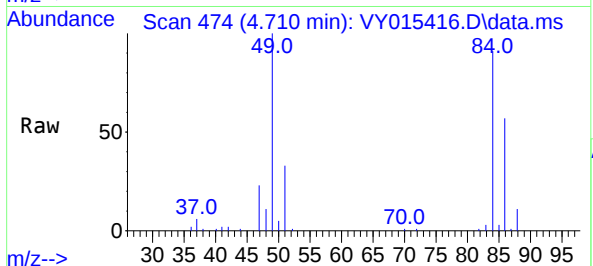


#20
Methylene Chloride
Concen: 21.243 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY015416.D
Acq: 01 Sep 2023 15:31

Instrument :
MSVOA_Y
ClientSampleId :
SB-01(48-50)

Tgt Ion: 84 Resp: 46622

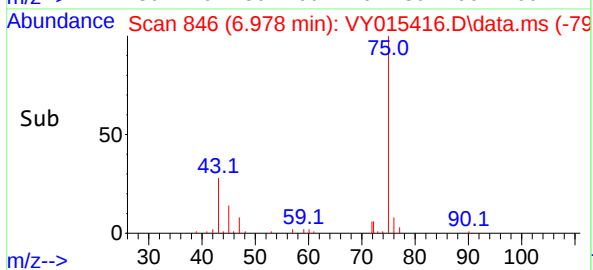
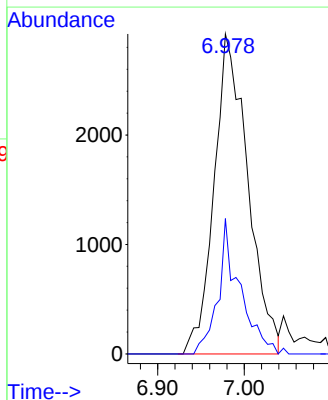
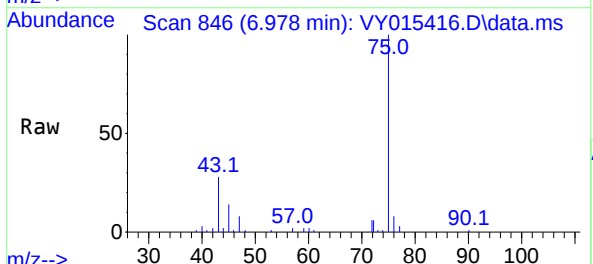
Ion	Ratio	Lower	Upper
84	100		
49	109.9	106.9	160.3
51	36.7	33.2	49.8
86	63.0	51.0	76.6

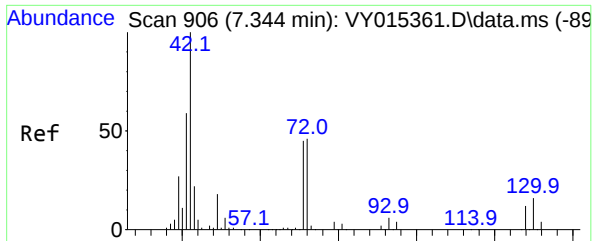


#25
2-Butanone
Concen: 9.691 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY015416.D
Acq: 01 Sep 2023 15:31

Tgt Ion: 43 Resp: 7903

Ion	Ratio	Lower	Upper
43	100		
72	42.3	20.5	30.7#

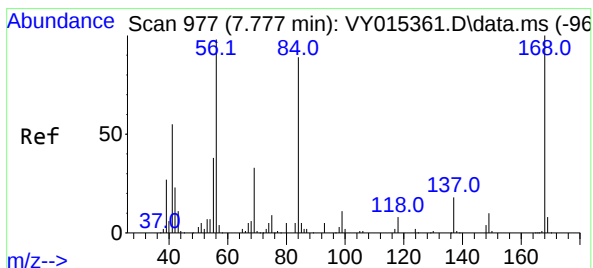
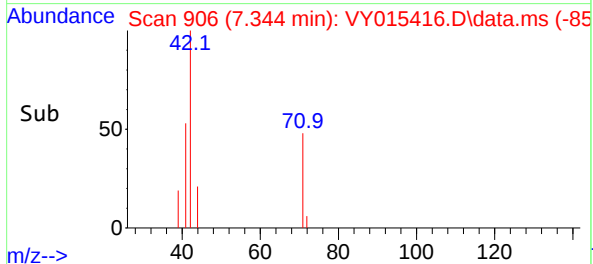
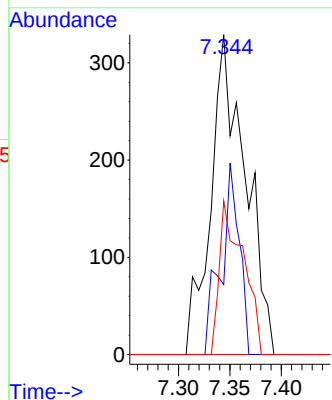
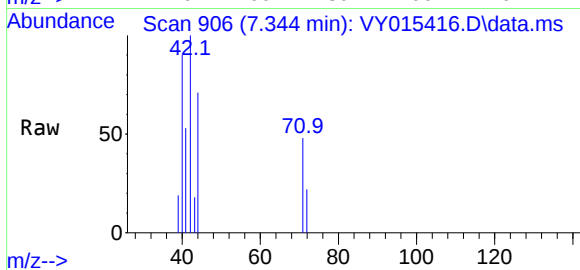




#29
Tetrahydrofuran
Concen: 1.509 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY015416.D
Acq: 01 Sep 2023 15:31

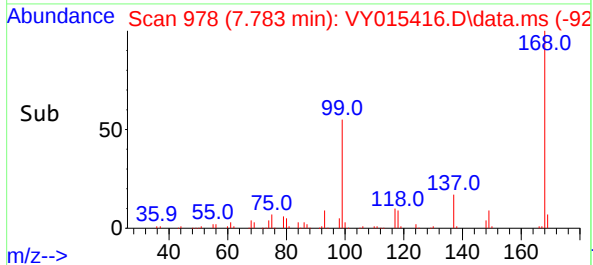
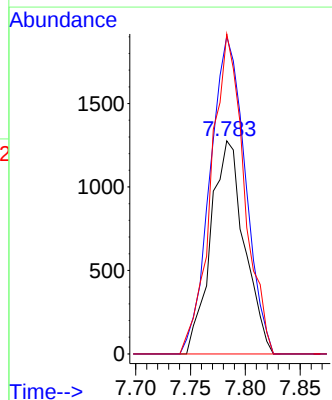
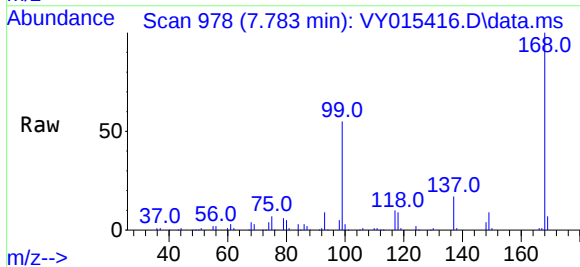
Instrument :
MSVOA_Y
ClientSampleId :
SB-01(48-50)

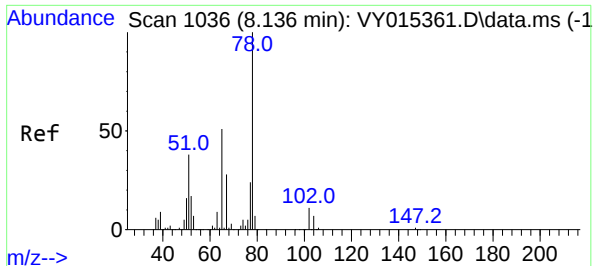
Tgt Ion:	42	Resp:	773
Ion	Ratio	Lower	Upper
42	100		
72	31.7	32.8	49.2#
71	32.9	31.0	46.4



#31
Cyclohexane
Concen: 1.113 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.000 min
Lab File: VY015416.D
Acq: 01 Sep 2023 15:31

Tgt Ion:	56	Resp:	2724
Ion	Ratio	Lower	Upper
56	100		
69	149.0	27.8	41.6#
84	154.9	66.4	99.6#





#33

1,2-Dichloroethane-d4

Concen: 61.964 ug/l

RT: 8.143 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VY015416.D

Acq: 01 Sep 2023 15:31

Instrument :

MSVOA_Y

ClientSampleId :

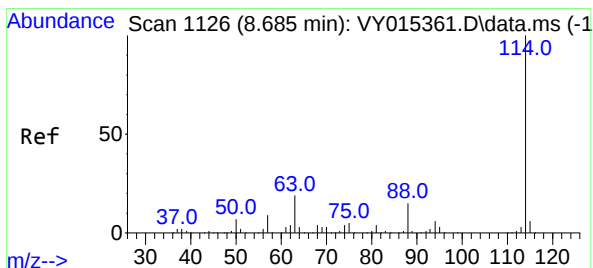
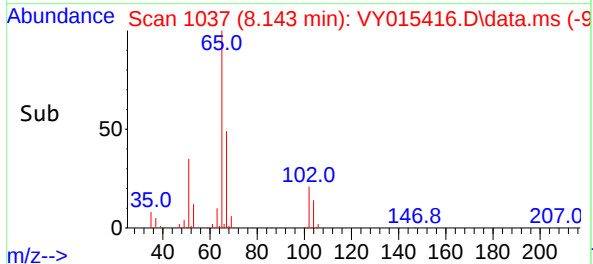
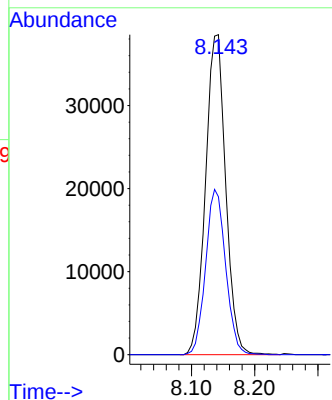
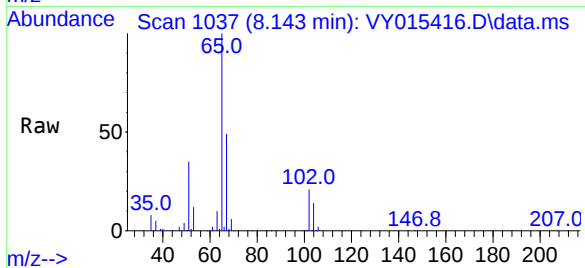
SB-01(48-50)

Tgt Ion: 65 Resp: 85358

Ion Ratio Lower Upper

65 100

67 51.2 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015416.D

Acq: 01 Sep 2023 15:31

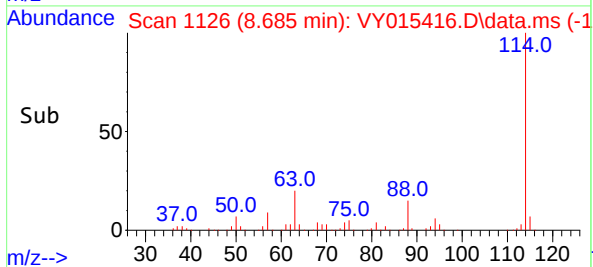
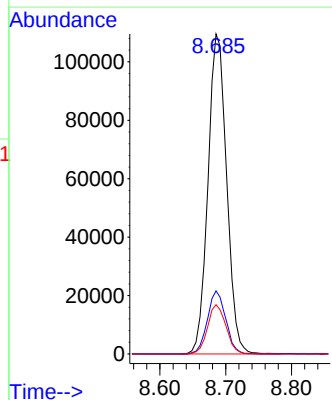
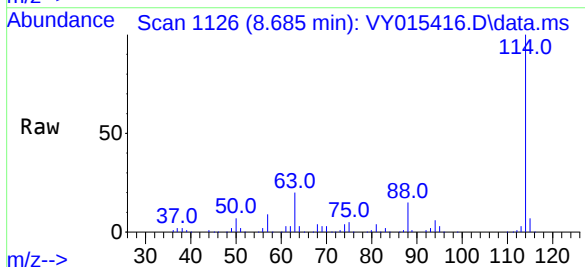
Tgt Ion: 114 Resp: 216447

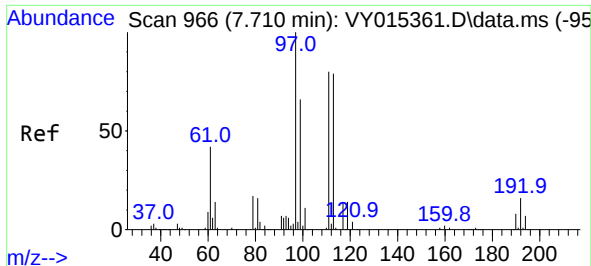
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

88 15.4 0.0 30.6

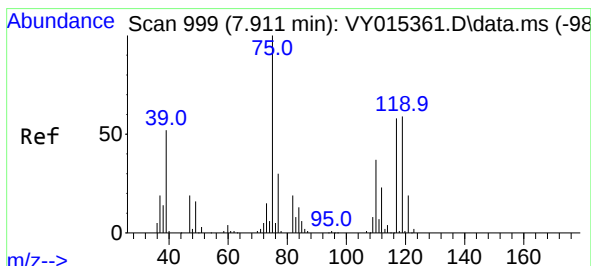
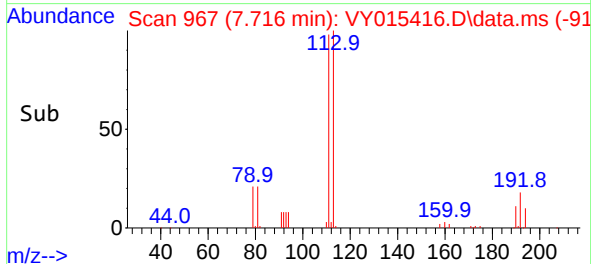
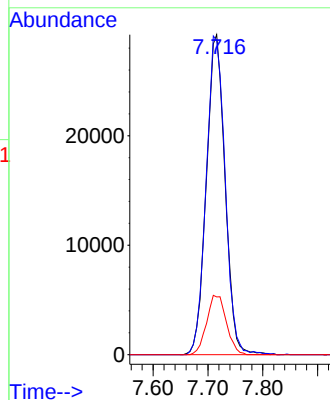
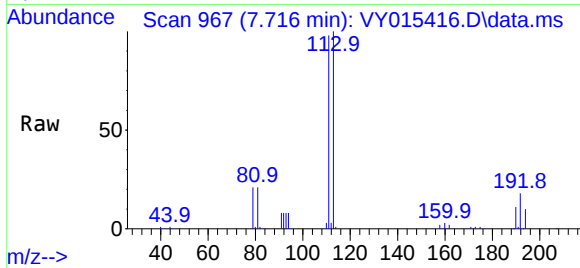




#35
Dibromofluoromethane
Concen: 55.337 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY015416.D
Acq: 01 Sep 2023 15:31

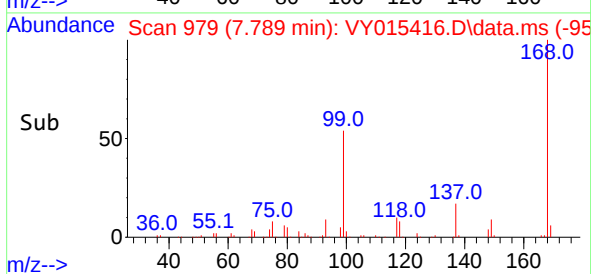
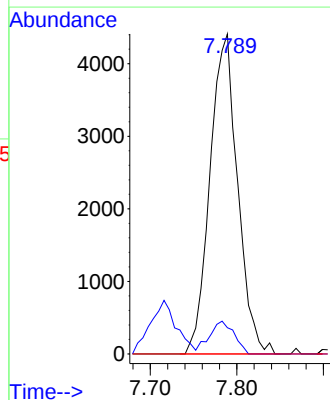
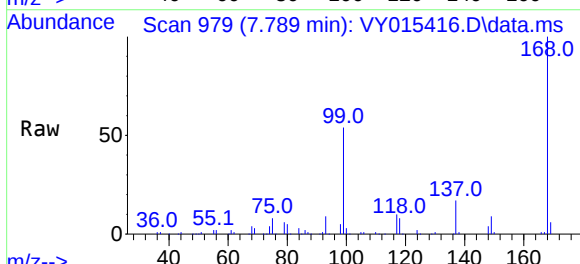
Instrument :
MSVOA_Y
ClientSampleId :
SB-01(48-50)

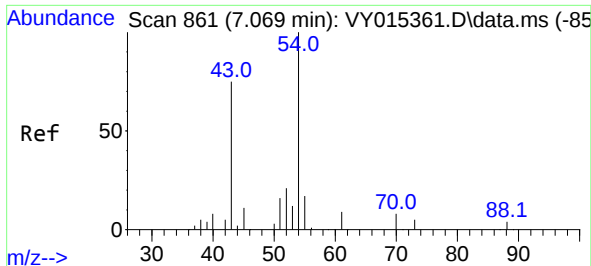
Tgt Ion:113 Resp: 68988
Ion Ratio Lower Upper
113 100
111 101.2 81.3 121.9
192 19.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.465 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY015416.D
Acq: 01 Sep 2023 15:31

Tgt Ion: 75 Resp: 9775
Ion Ratio Lower Upper
75 100
110 9.2 17.8 53.5#
77 0.0 24.4 36.6#

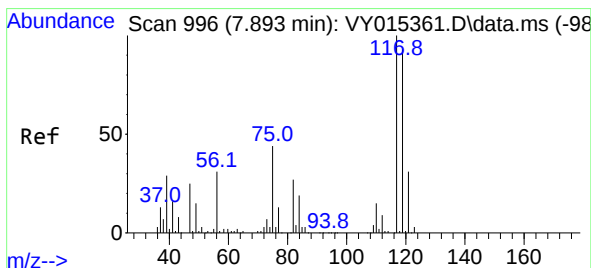
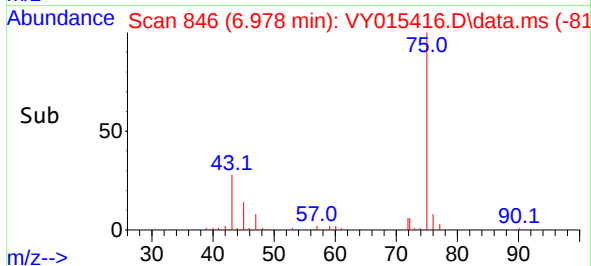
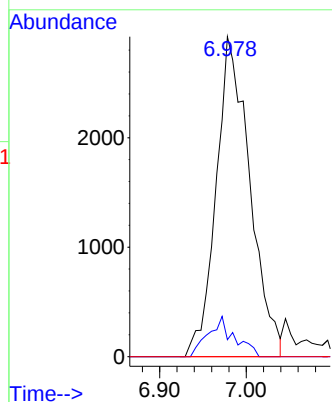
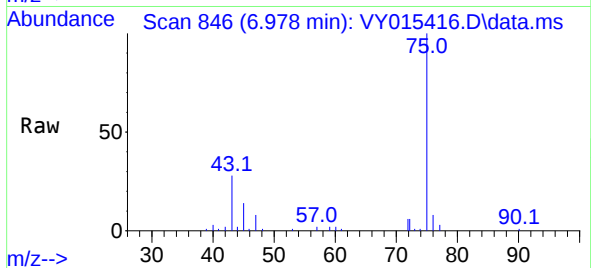




#37
Ethyl Acetate
Concen: 4.681 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.085 min
Lab File: VY015416.D
Acq: 01 Sep 2023 15:31

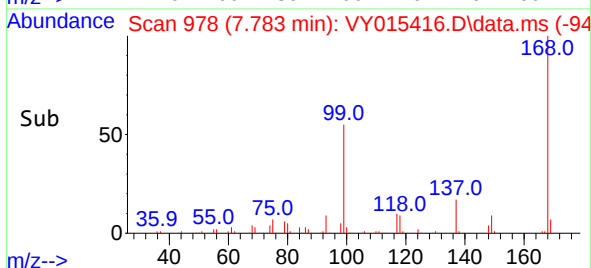
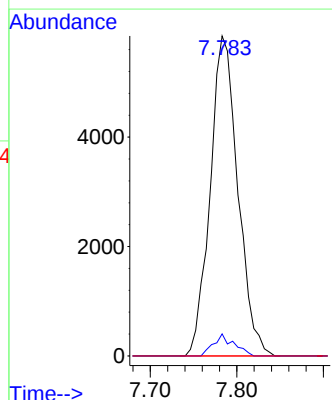
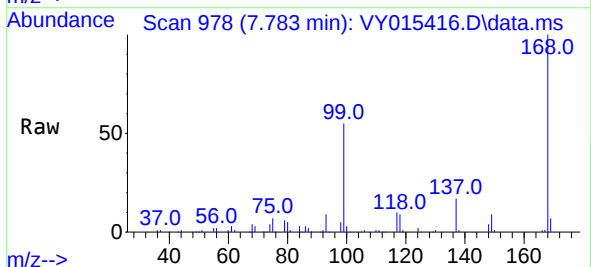
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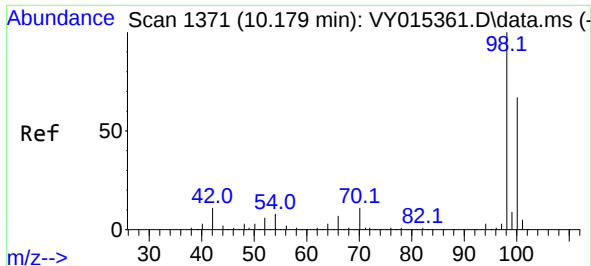
Tgt Ion:	43	Resp:	7903
Ion	Ratio	Lower	Upper
43	100		
61	9.7	10.1	15.1#
70	0.0	7.1	10.7#



#38
Carbon Tetrachloride
Concen: 5.744 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY015416.D
Acq: 01 Sep 2023 15:31

Tgt Ion:	117	Resp:	12986
Ion	Ratio	Lower	Upper
117	100		
119	6.9	76.4	114.6#
121	0.0	25.8	38.6#

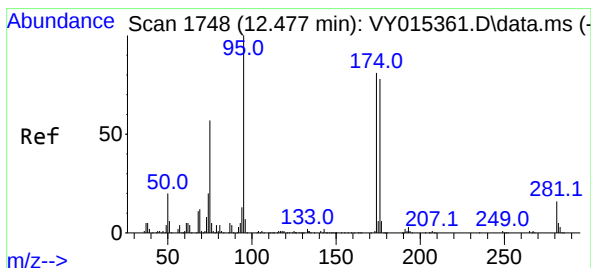
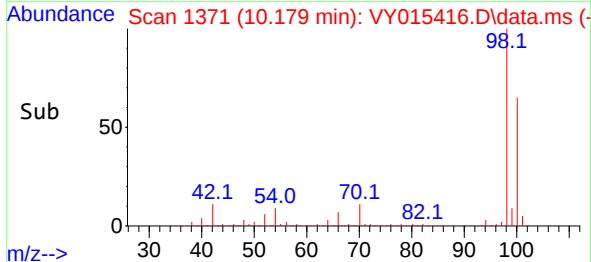
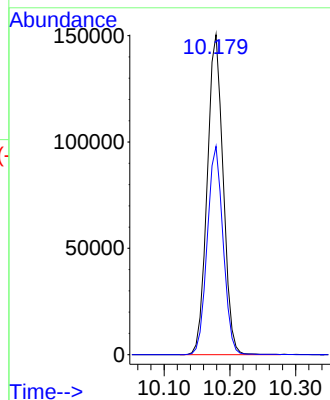
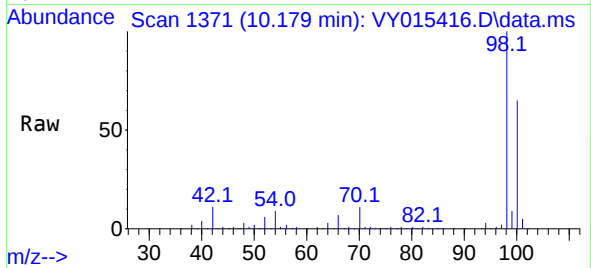




#50
Toluene-d8
Concen: 56.200 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015416.D
Acq: 01 Sep 2023 15:31

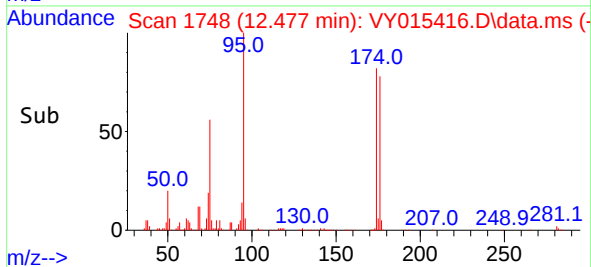
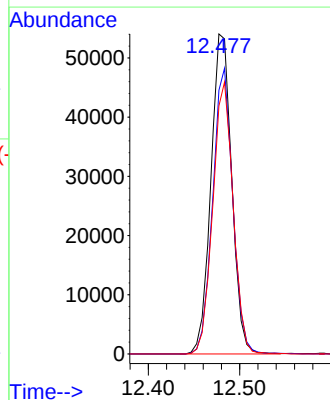
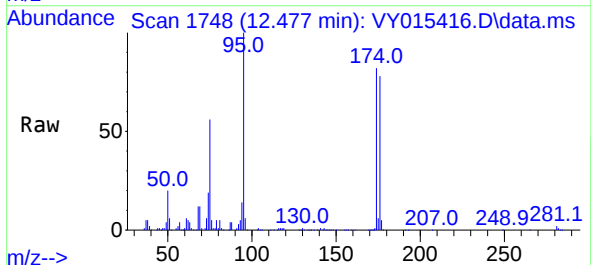
Instrument :
MSVOA_Y
ClientSampleId :
SB-01(48-50)

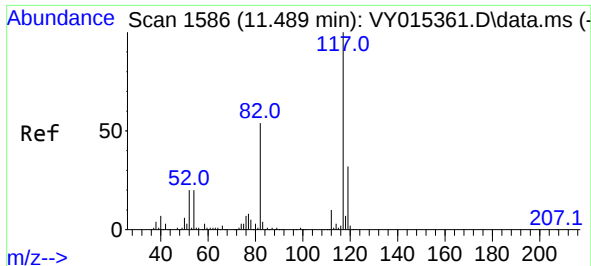
Tgt Ion: 98 Resp: 253728
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 50.871 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015416.D
Acq: 01 Sep 2023 15:31

Tgt Ion: 95 Resp: 85262
Ion Ratio Lower Upper
95 100
174 86.4 0.0 178.2
176 83.3 0.0 173.8

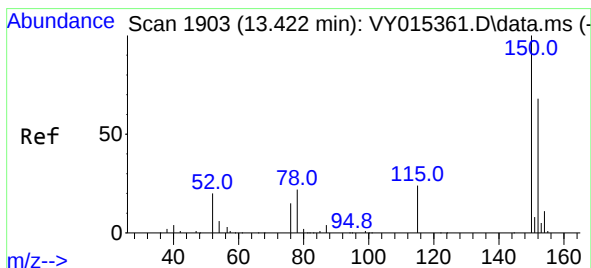
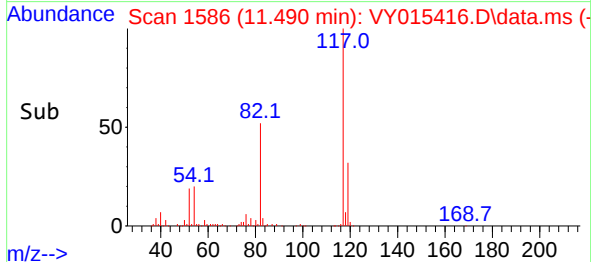
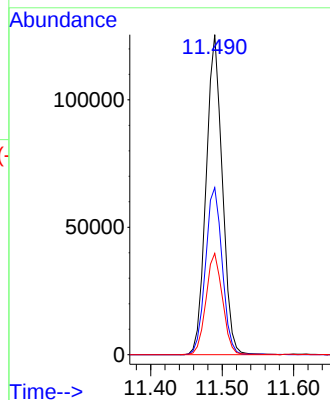
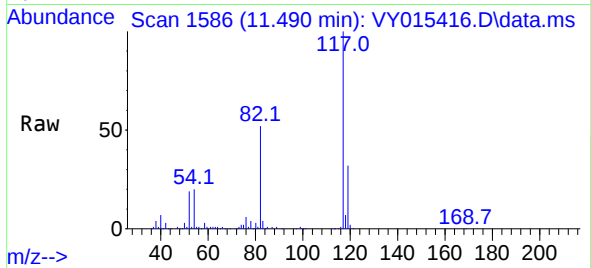




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY015416.D
Acq: 01 Sep 2023 15:31

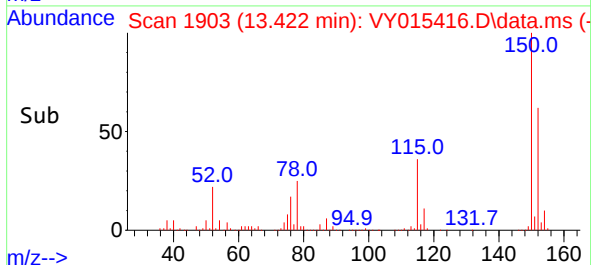
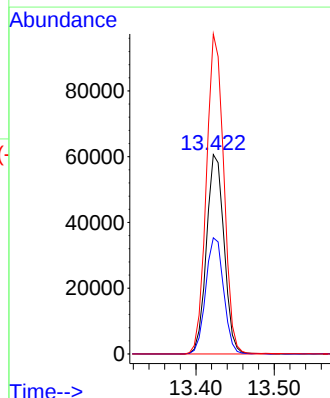
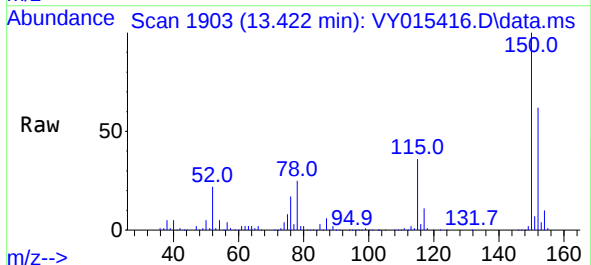
Instrument :
MSVOA_Y
ClientSampleId :
SB-01(48-50)

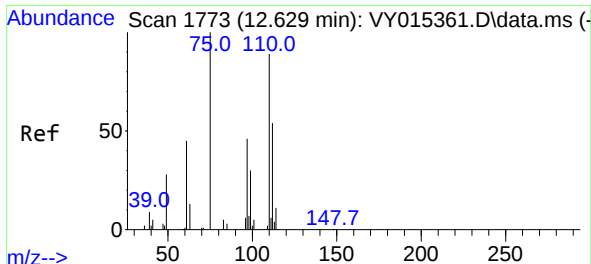
Tgt Ion:	117	Resp:	197490
Ion	Ratio	Lower	Upper
117	100		
82	52.2	43.4	65.0
119	31.7	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015416.D
Acq: 01 Sep 2023 15:31

Tgt Ion:	152	Resp:	94490
Ion	Ratio	Lower	Upper
152	100		
115	59.3	28.8	86.5
150	158.2	0.0	348.8

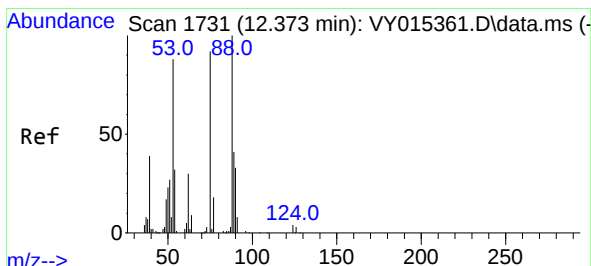
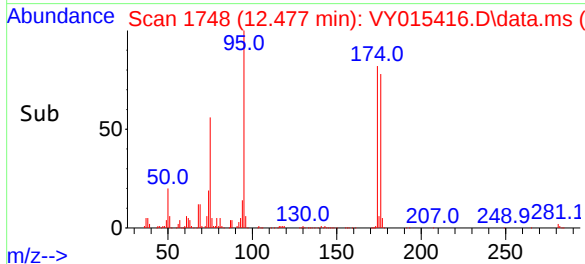
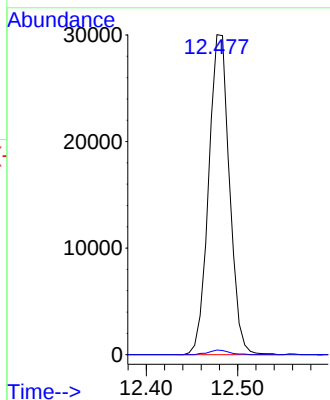
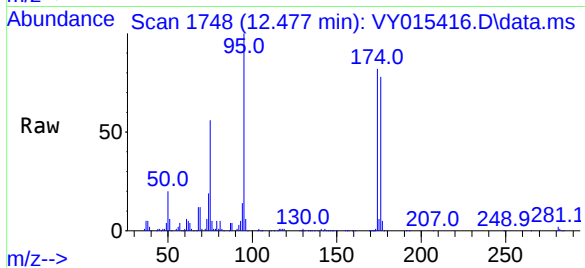




#76
1,2,3-Trichloropropane
Concen: 37.885 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY015416.D
Acq: 01 Sep 2023 15:31

Instrument :
MSVOA_Y
ClientSampleId :
SB-01(48-50)

Tgt Ion: 75 Resp: 47471
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.570 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY015416.D
Acq: 01 Sep 2023 15:31

Tgt Ion: 75 Resp: 47471
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#

