

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121224\
 Data File : VX044257.D
 Acq On : 12 Dec 2024 17:05
 Operator : JC/MD
 Sample : P5261-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D1-20241209

Quant Time: Dec 13 01:46:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

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

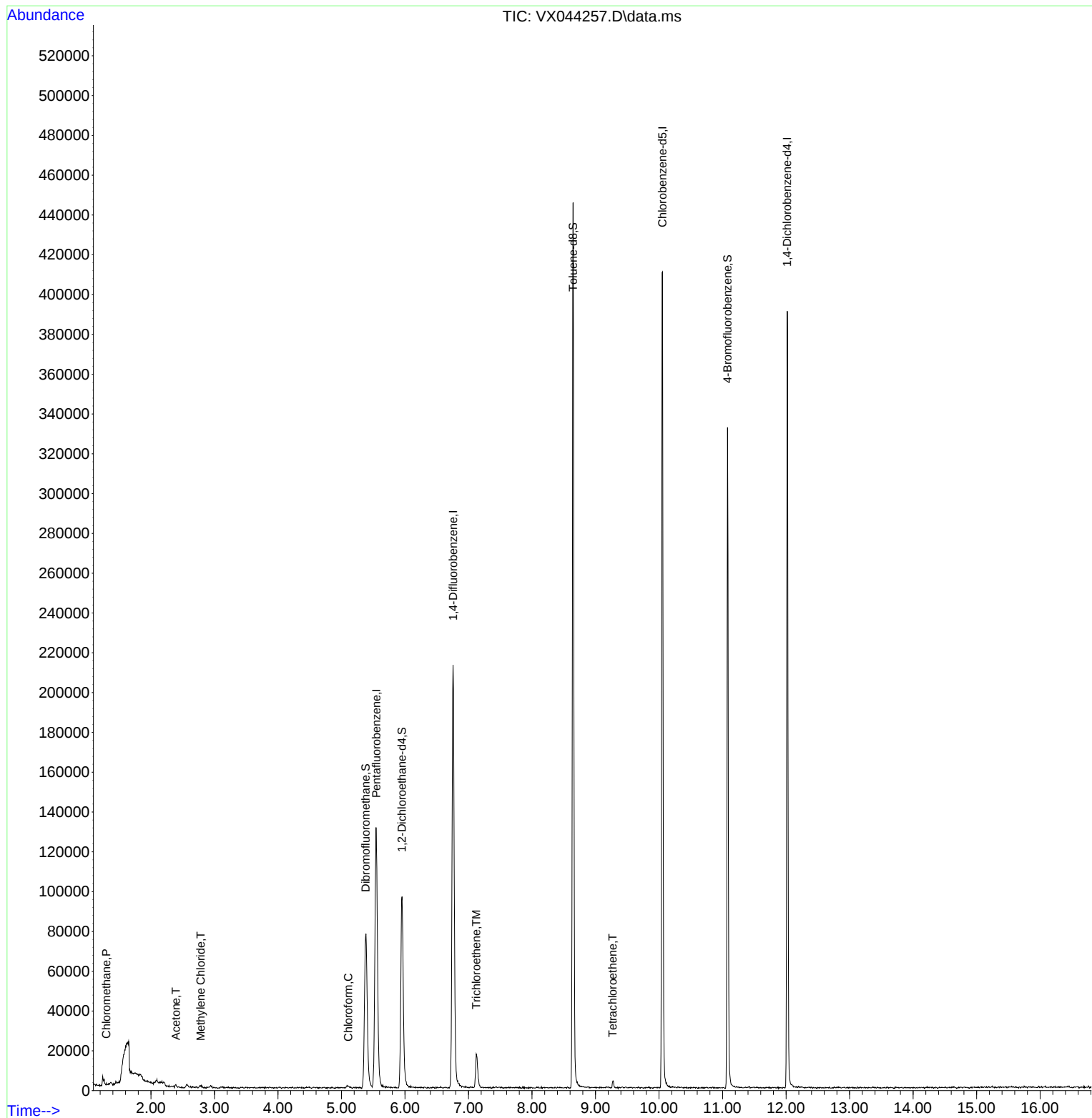
Internal Standards						
1) Pentafluorobenzene	5.550	168	111947	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	211608	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	76415	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	96245	49.035	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.060%
35) Dibromofluoromethane	5.379	113	68390	46.664	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.320%
50) Toluene-d8	8.647	98	256961	51.970	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.940%
62) 4-Bromofluorobenzene	11.079	95	85387	49.422	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.840%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	497	0.300	ug/l	98
16) Acetone	2.392	43	1201	1.501	ug/l #	85
20) Methylene Chloride	2.782	84	376	0.250	ug/l #	69
30) Chloroform	5.105	83	1270	0.431	ug/l #	63
44) Trichloroethene	7.123	130	6815	4.751	ug/l	89
64) Tetrachloroethene	9.269	164	579	0.479	ug/l #	61

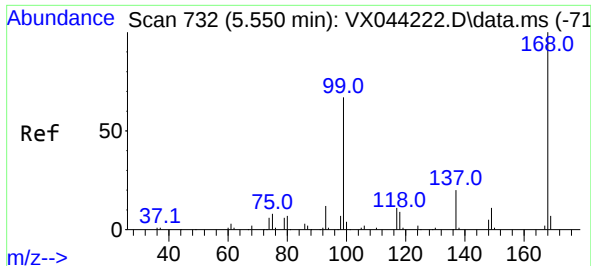
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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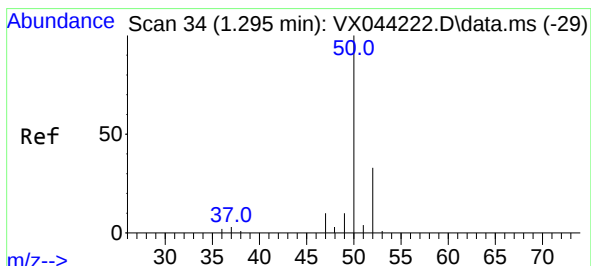
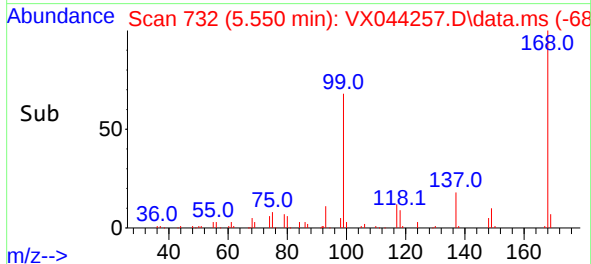
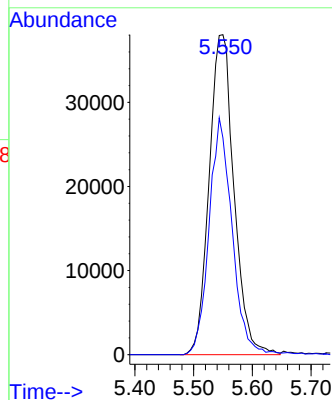
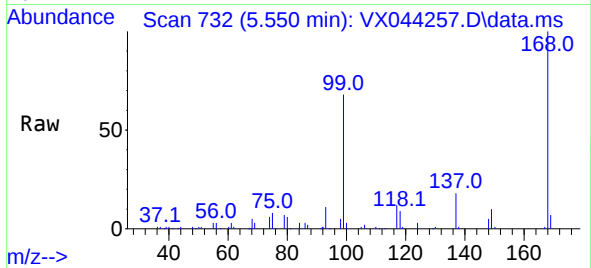




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044257.D
Acq: 12 Dec 2024 17:05

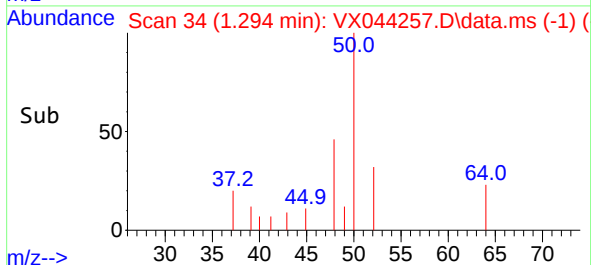
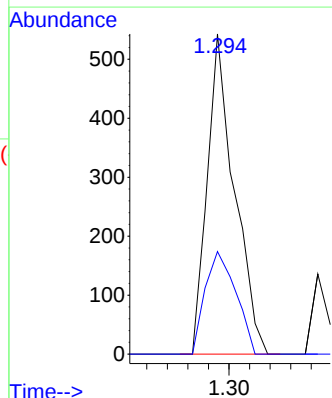
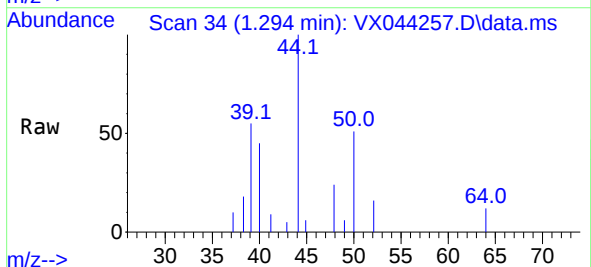
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20241209

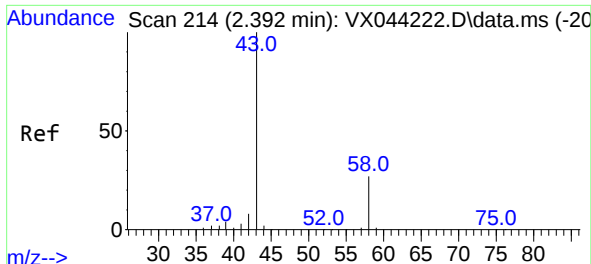
Tgt Ion:168 Resp: 111947
Ion Ratio Lower Upper
168 100
99 67.8 53.4 80.0



#3
Chloromethane
Concen: 0.300 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044257.D
Acq: 12 Dec 2024 17:05

Tgt Ion: 50 Resp: 497
Ion Ratio Lower Upper
50 100
52 32.0 26.5 39.7

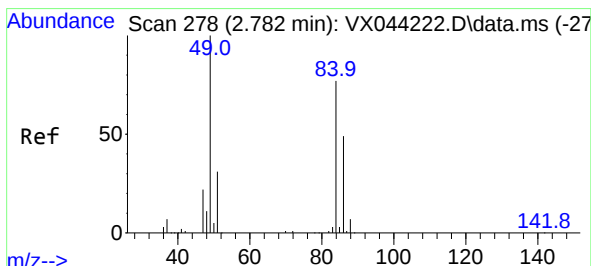
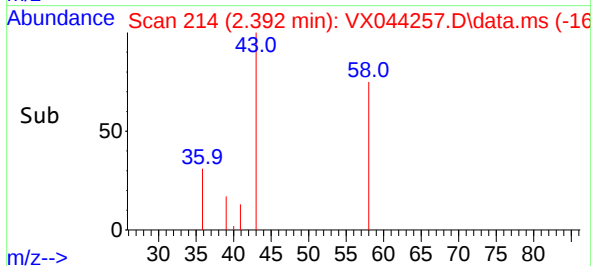
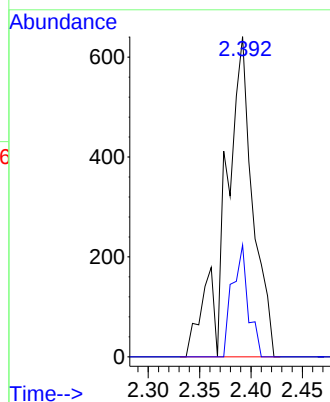
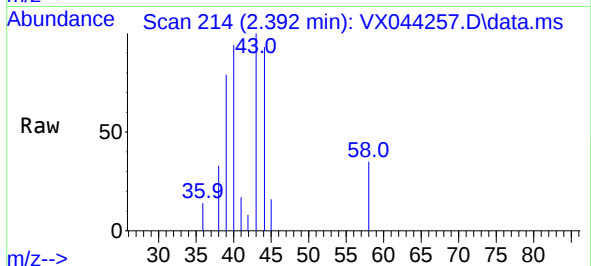




#16
Acetone
Concen: 1.501 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX044257.D
Acq: 12 Dec 2024 17:05

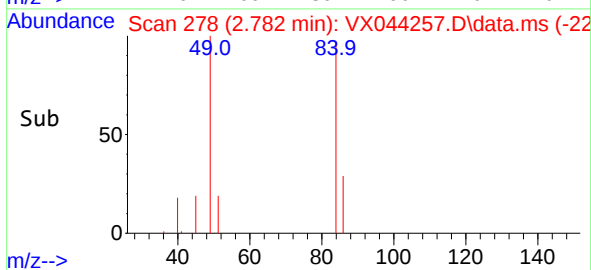
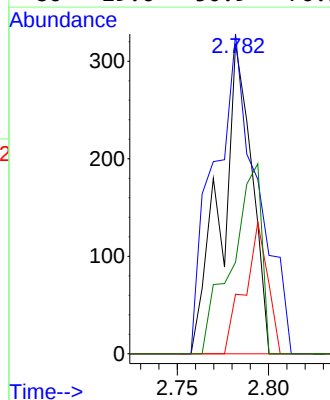
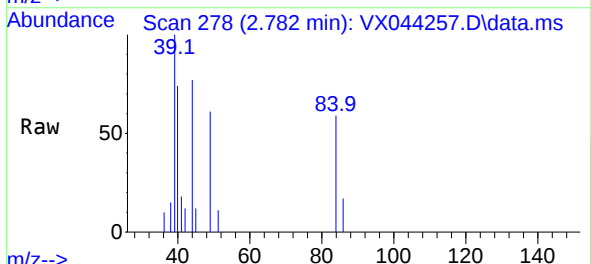
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20241209

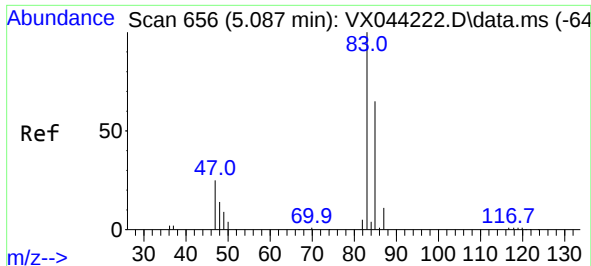
Tgt Ion: 43 Resp: 1201
Ion Ratio Lower Upper
43 100
58 34.9 21.6 32.4#



#20
Methylene Chloride
Concen: 0.250 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044257.D
Acq: 12 Dec 2024 17:05

Tgt Ion: 84 Resp: 376
Ion Ratio Lower Upper
84 100
49 103.1 104.2 156.4#
51 19.2 32.2 48.4#
86 29.6 50.9 76.3#





#30

Chloroform

Concen: 0.431 ug/l

RT: 5.105 min Scan# 61

Delta R.T. 0.018 min

Lab File: VX044257.D

Acq: 12 Dec 2024 17:05

Instrument :

MSVOA_X

ClientSampleId :

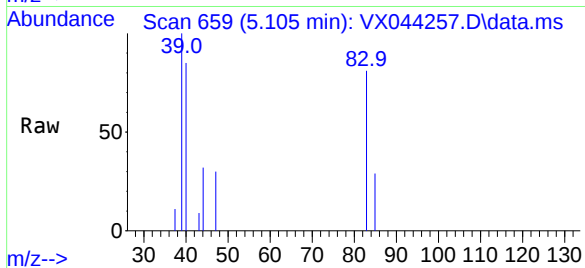
RE134D1-20241209

Tgt Ion: 83 Resp: 1270

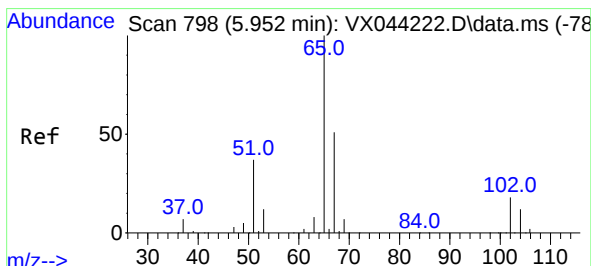
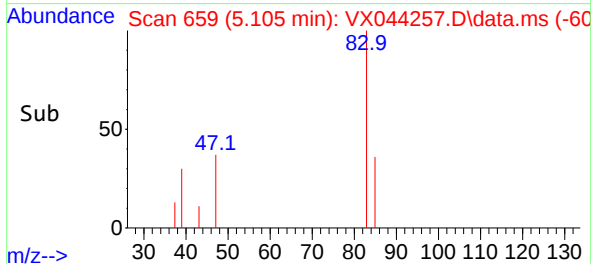
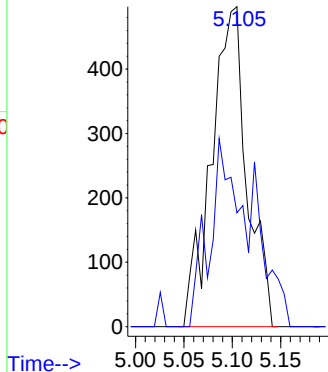
Ion Ratio Lower Upper

83 100

85 35.6 51.6 77.4#



Abundance



#33

1,2-Dichloroethane-d4

Concen: 49.035 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX044257.D

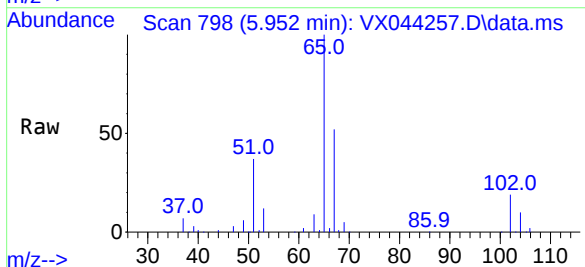
Acq: 12 Dec 2024 17:05

Tgt Ion: 65 Resp: 96245

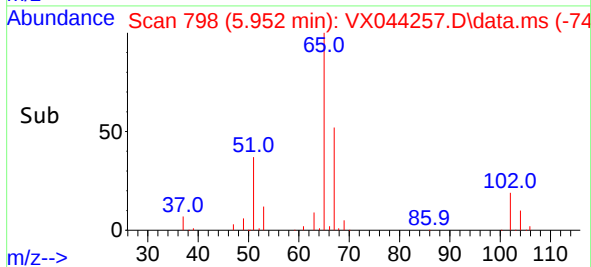
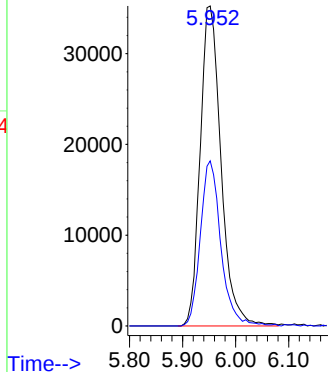
Ion Ratio Lower Upper

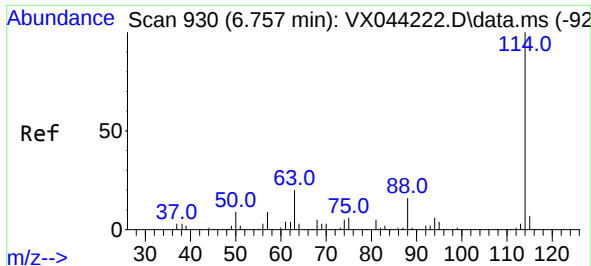
65 100

67 50.6 0.0 101.6



Abundance

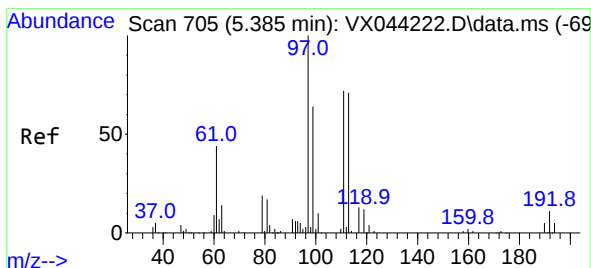
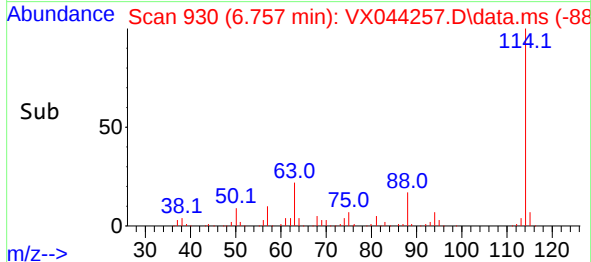
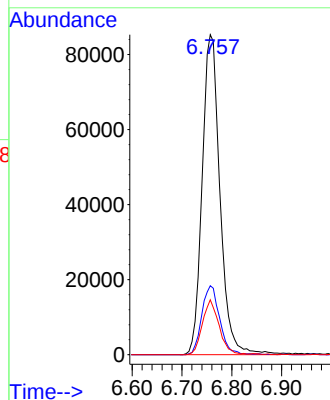
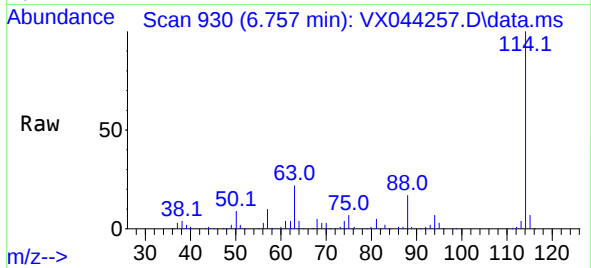




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044257.D
Acq: 12 Dec 2024 17:05

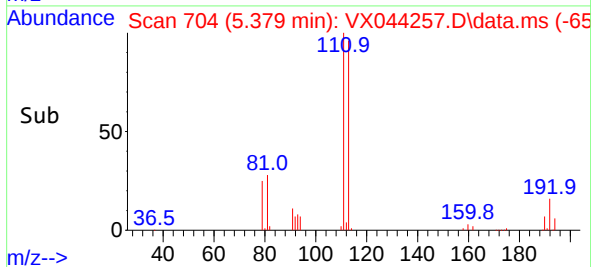
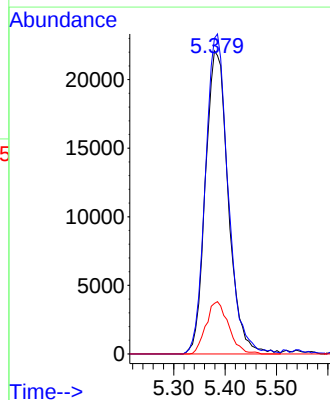
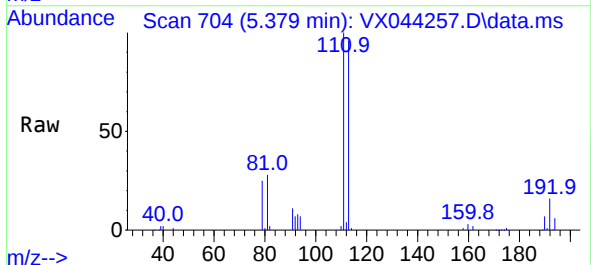
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ClientSampleId :
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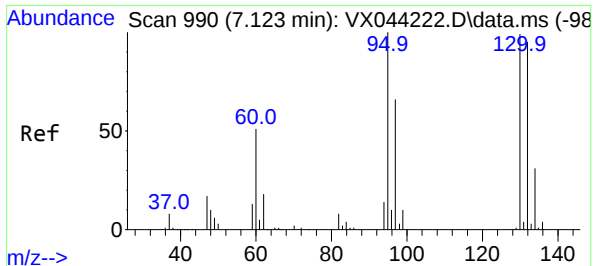
Tgt Ion:114 Resp: 211608
Ion Ratio Lower Upper
114 100
63 21.6 0.0 40.6
88 17.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 46.664 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX044257.D
Acq: 12 Dec 2024 17:05

Tgt Ion:113 Resp: 68390
Ion Ratio Lower Upper
113 100
111 104.6 80.4 120.6
192 17.0 13.3 19.9

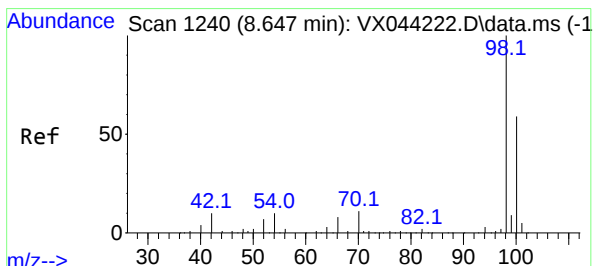
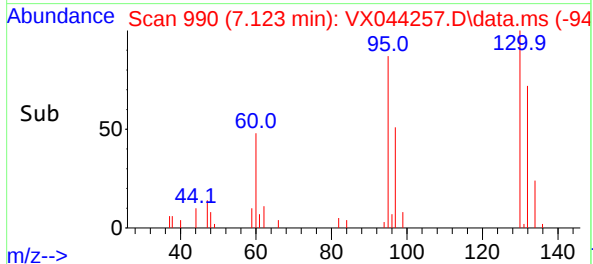
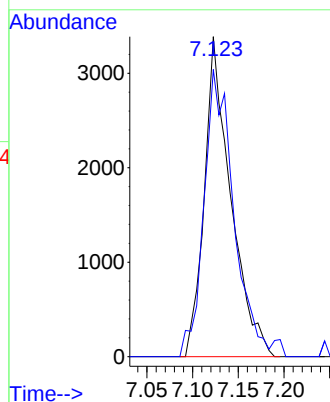
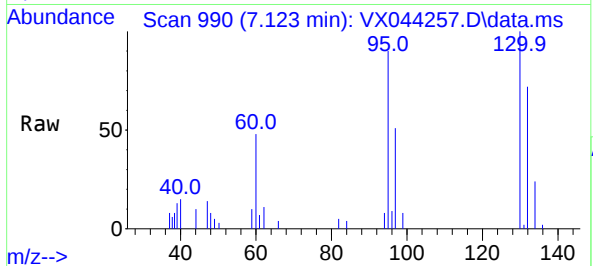




#44
Trichloroethene
Concen: 4.751 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX044257.D
Acq: 12 Dec 2024 17:05

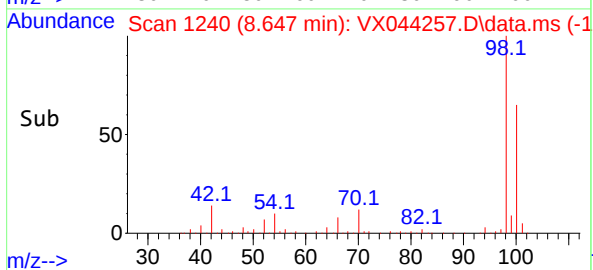
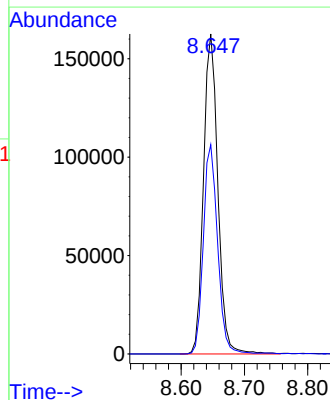
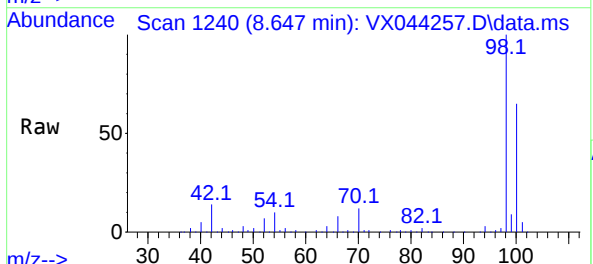
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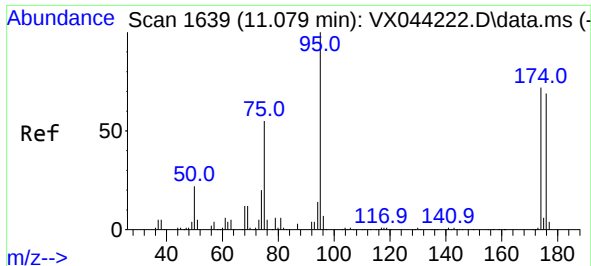
Tgt Ion:130 Resp: 6815
Ion Ratio Lower Upper
130 100
95 89.8 0.0 201.4



#50
Toluene-d8
Concen: 51.970 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044257.D
Acq: 12 Dec 2024 17:05

Tgt Ion: 98 Resp: 256961
Ion Ratio Lower Upper
98 100
100 64.9 51.5 77.3

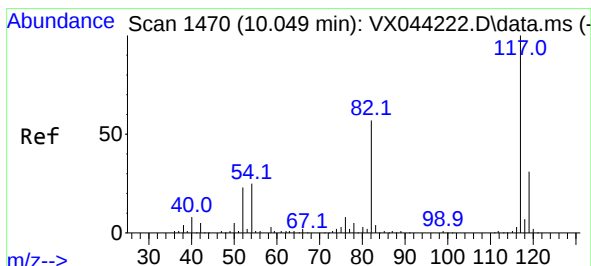
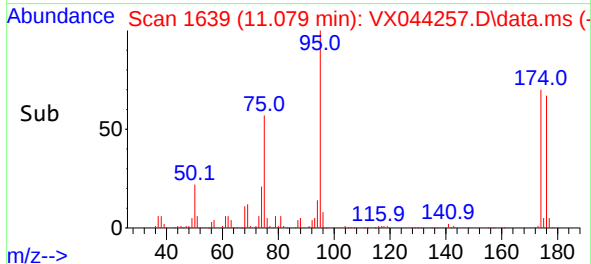
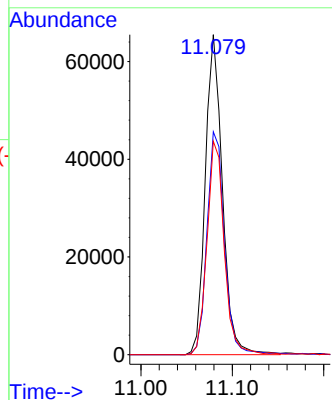
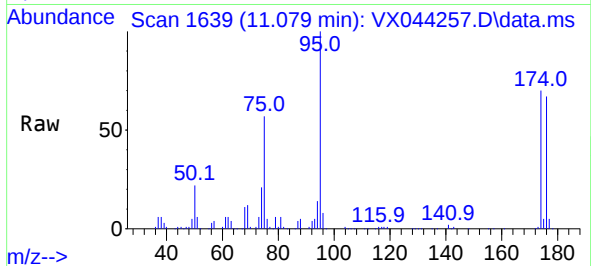




#62
4-Bromofluorobenzene
Concen: 49.422 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044257.D
Acq: 12 Dec 2024 17:05

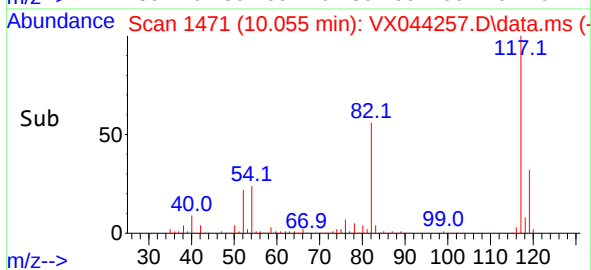
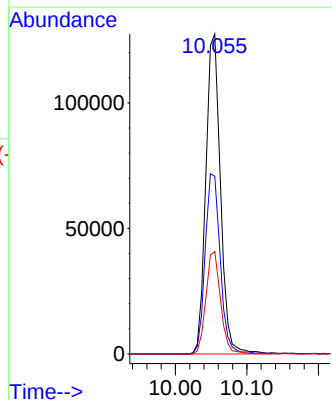
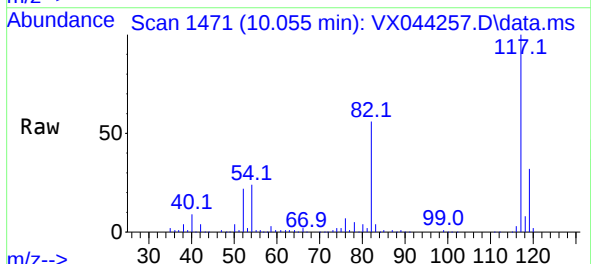
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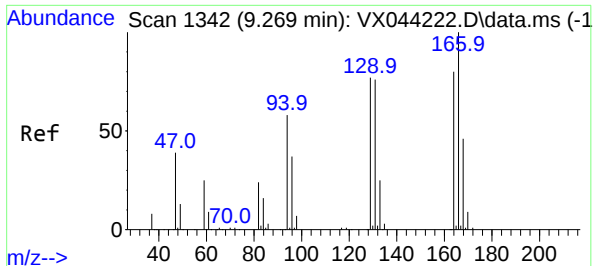
Tgt Ion: 95 Resp: 85387
Ion Ratio Lower Upper
95 100
174 71.2 0.0 145.8
176 67.3 0.0 137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044257.D
Acq: 12 Dec 2024 17:05

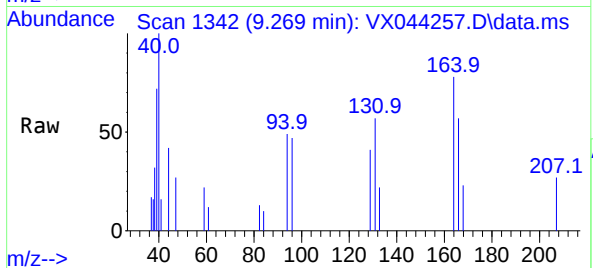
Tgt Ion: 117 Resp: 182008
Ion Ratio Lower Upper
117 100
82 55.5 45.8 68.8
119 32.0 25.0 37.4





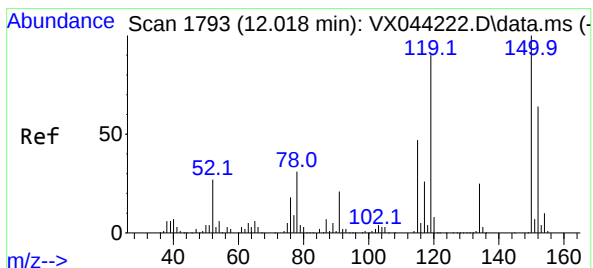
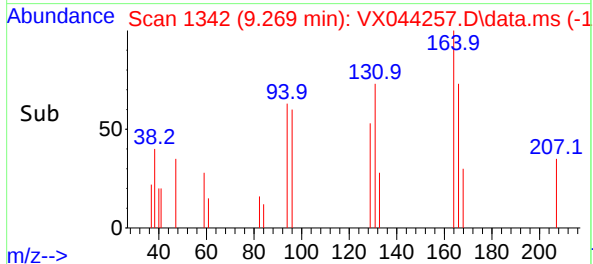
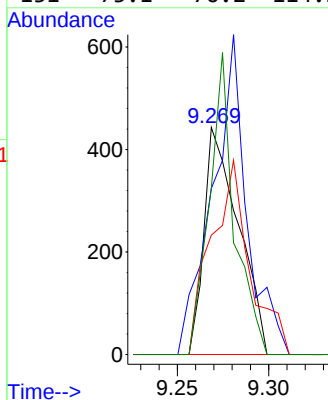
#64
Tetrachloroethene
Concen: 0.479 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044257.D
Acq: 12 Dec 2024 17:05

Instrument :
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Tgt Ion:164 Resp: 579

Ion	Ratio	Lower	Upper
164	100		
166	73.1	100.4	150.6#
129	52.6	77.2	115.8#
131	73.1	76.2	114.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX044257.D
Acq: 12 Dec 2024 17:05

Tgt Ion:152 Resp: 76415

Ion	Ratio	Lower	Upper
152	100		
115	62.4	44.5	133.3
150	156.2	0.0	353.8

