

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031323\
 Data File : VX034427.D
 Acq On : 13 Mar 2023 13:03
 Operator : JC/MD
 Sample : 01879-10 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP03-20230308

Quant Time: Mar 14 02:23:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

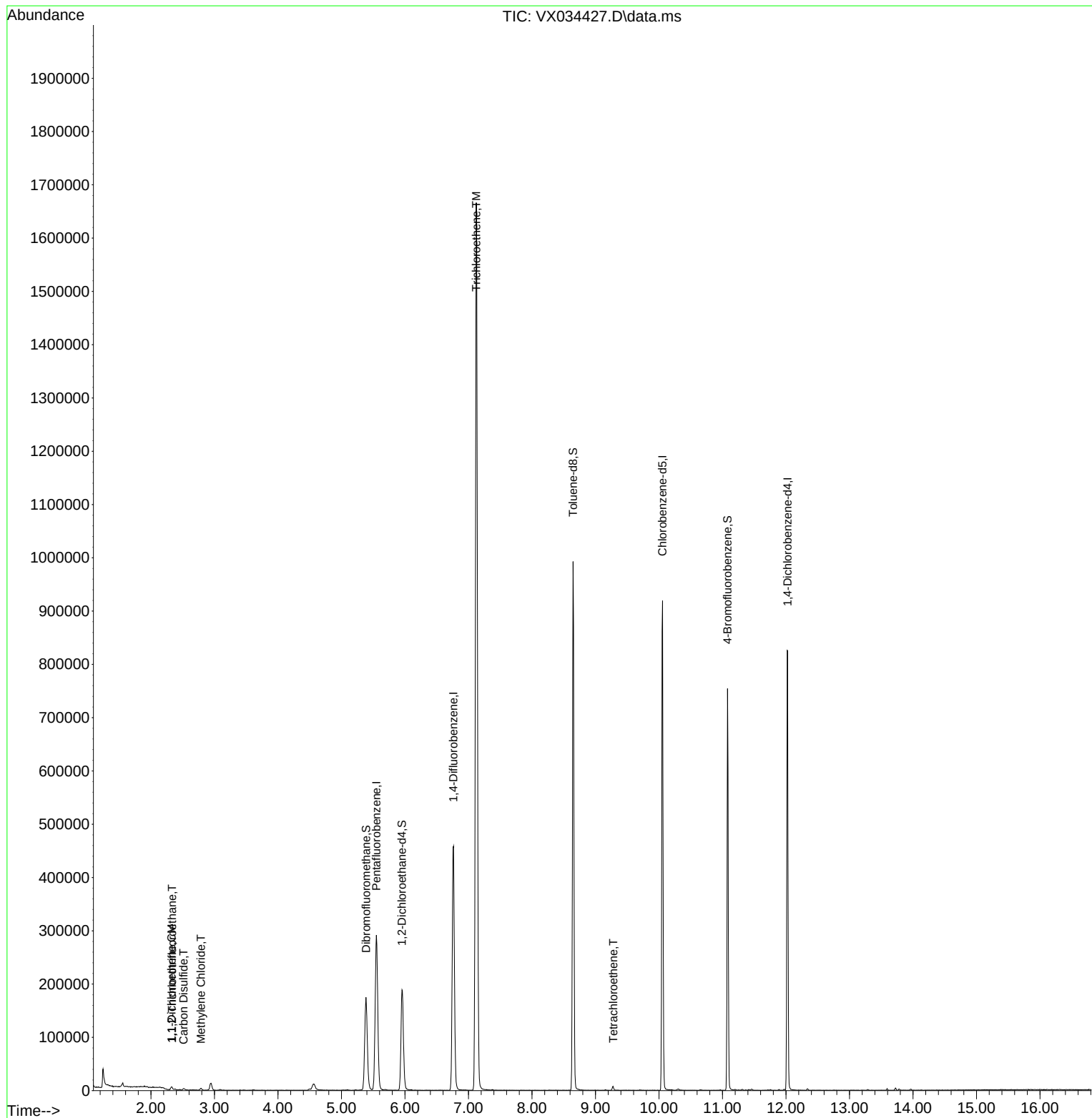
Internal Standards						
1) Pentafluorobenzene	5.550	168	278139	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	470150	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	408479	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	171811	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	181057	44.746	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	89.500%	
35) Dibromofluoromethane	5.385	113	150019	48.328	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	96.660%	
50) Toluene-d8	8.647	98	567528	48.975	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	97.960%	
62) 4-Bromofluorobenzene	11.079	95	189801	40.550	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	81.100%#	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	1237	0.400	ug/l	93
12) 1,1-Dichloroethene	2.325	96	1276	0.419	ug/l	89
17) Carbon Disulfide	2.514	76	2670	0.312	ug/l	99
20) Methylene Chloride	2.788	84	1405	0.380	ug/l #	86
44) Trichloroethene	7.123	130	636859	175.737	ug/l	99
64) Tetrachloroethene	9.281	164	807	0.294	ug/l #	77

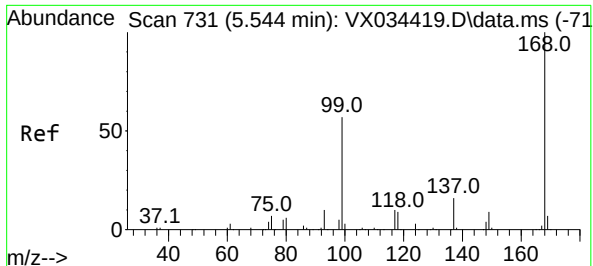
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration

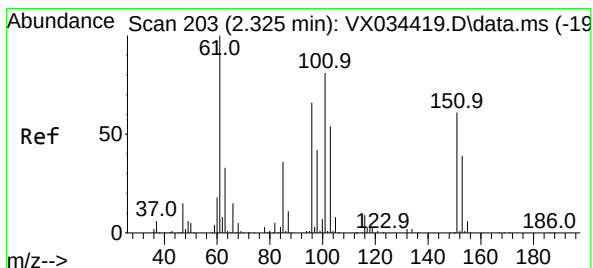
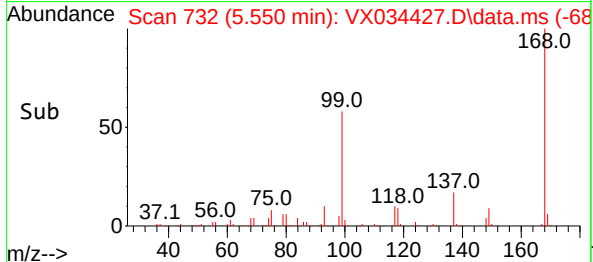
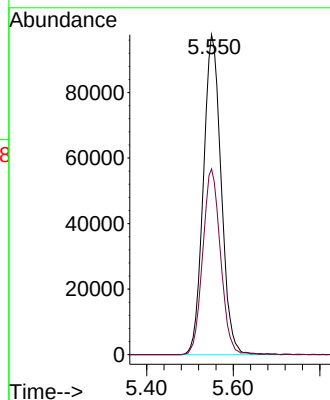
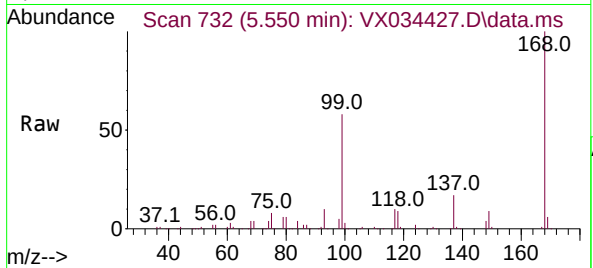




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034427.D
Acq: 13 Mar 2023 13:03

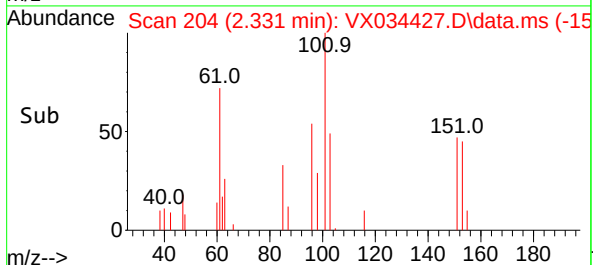
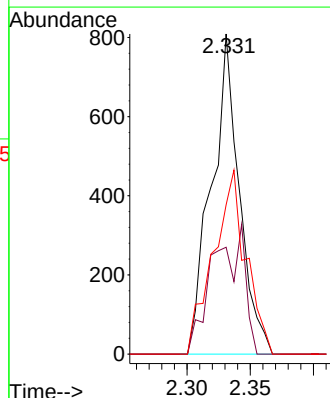
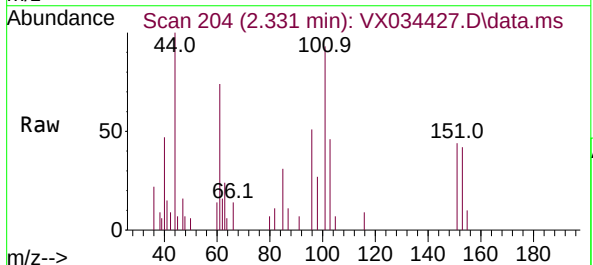
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20230308

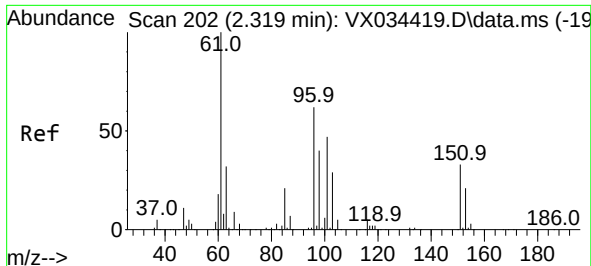
Tgt Ion:168 Resp: 278139
Ion Ratio Lower Upper
168 100
99 58.1 45.7 68.5



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.400 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX034427.D
Acq: 13 Mar 2023 13:03

Tgt Ion:101 Resp: 1237
Ion Ratio Lower Upper
101 100
85 45.9 35.4 53.2
151 67.3 60.2 90.4





#12

1,1-Dichloroethene

Concen: 0.419 ug/l

RT: 2.325 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX034427.D

Acq: 13 Mar 2023 13:03

Instrument :

MSVOA_X

ClientSampleId :

DUP03-20230308

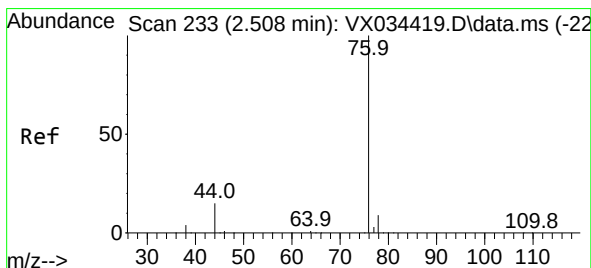
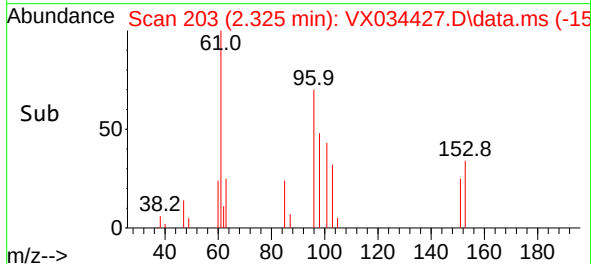
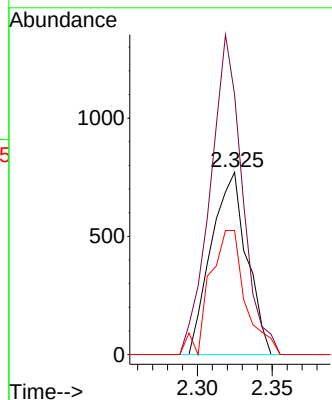
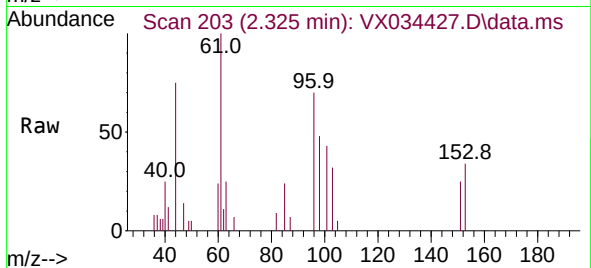
Tgt Ion: 96 Resp: 1276

Ion Ratio Lower Upper

96 100

61 142.5 128.8 193.2

98 68.1 51.4 77.0



#17

Carbon Disulfide

Concen: 0.312 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.006 min

Lab File: VX034427.D

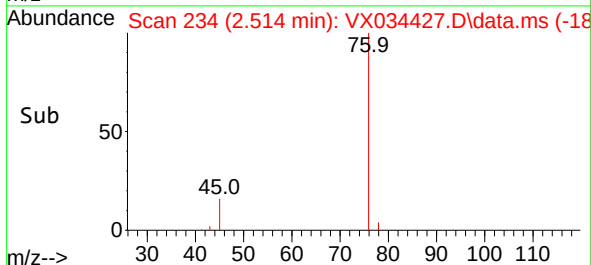
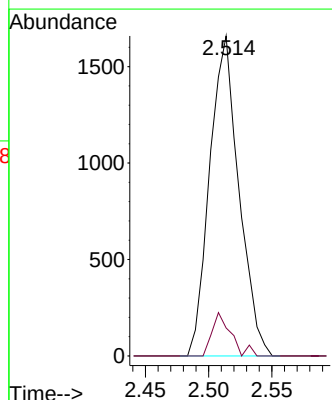
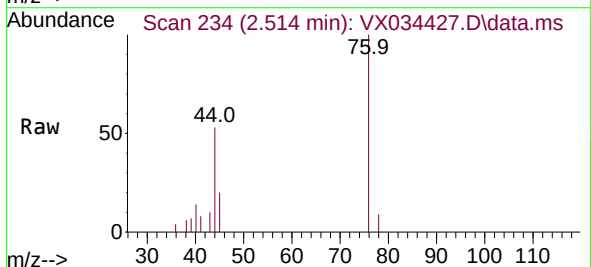
Acq: 13 Mar 2023 13:03

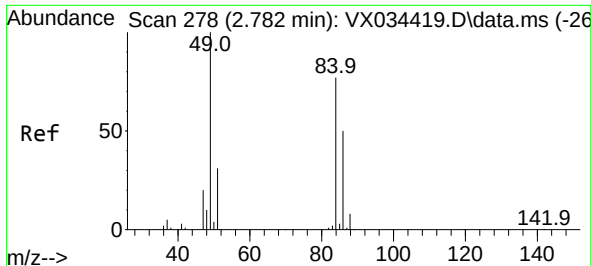
Tgt Ion: 76 Resp: 2670

Ion Ratio Lower Upper

76 100

78 8.7 7.2 10.8

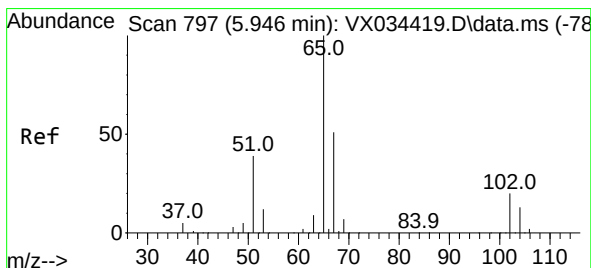
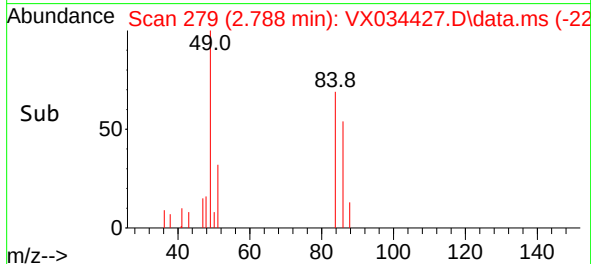
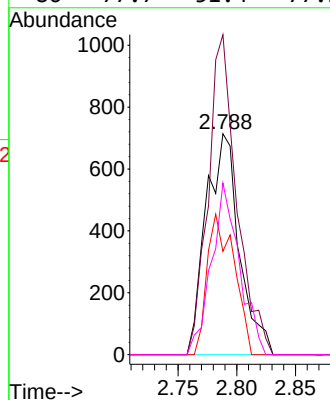
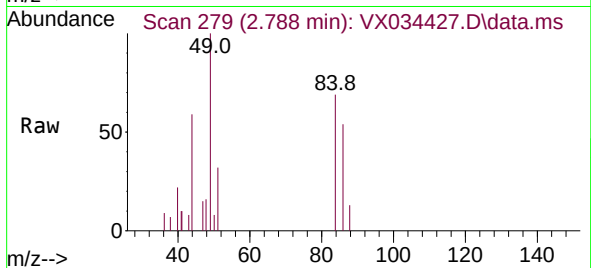




#20
Methylene Chloride
Concen: 0.380 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034427.D
Acq: 13 Mar 2023 13:03

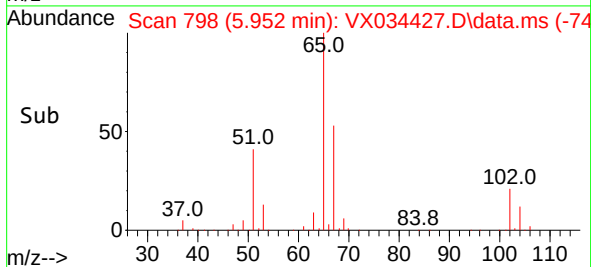
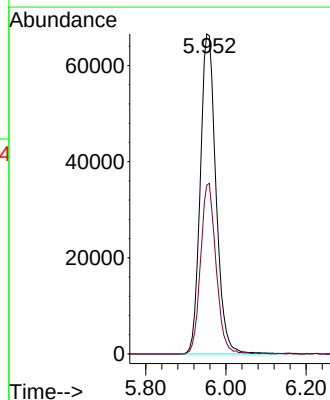
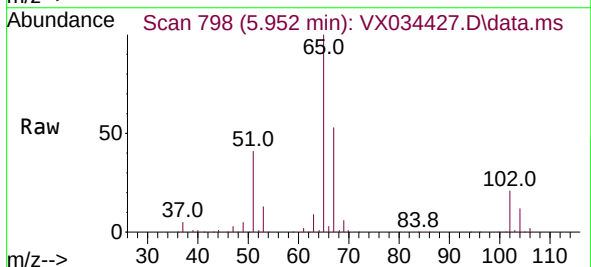
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20230308

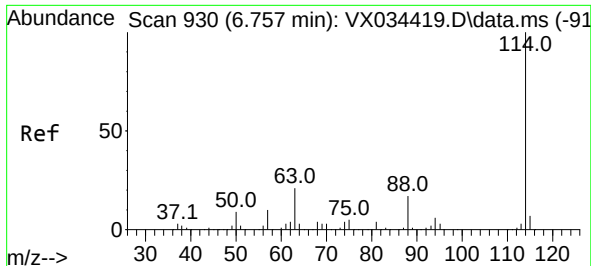
Tgt Ion:	84	Resp:	1405
Ion	Ratio	Lower	Upper
84	100		
49	144.8	103.8	155.8
51	46.8	31.8	47.8
86	77.7	51.4	77.2



#33
1,2-Dichloroethane-d4
Concen: 44.746 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034427.D
Acq: 13 Mar 2023 13:03

Tgt Ion:	65	Resp:	181057
Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX034427.D

Acq: 13 Mar 2023 13:03

Instrument :

MSVOA_X

ClientSampleId :

DUP03-20230308

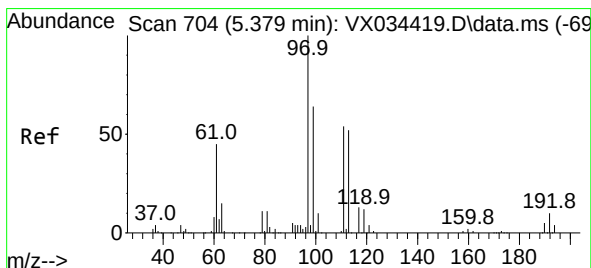
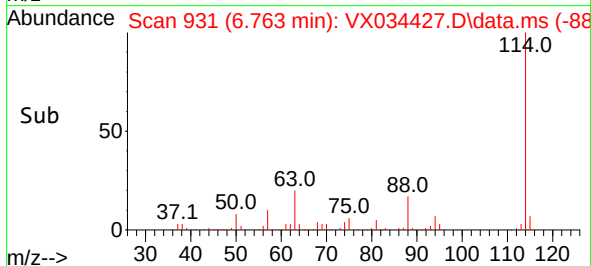
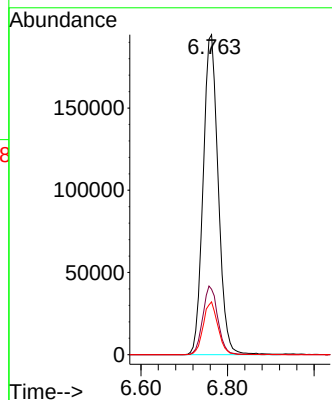
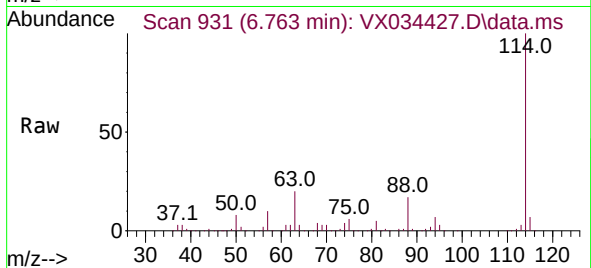
Tgt Ion:114 Resp: 470150

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.2

88 16.5 0.0 33.2



#35

Dibromofluoromethane

Concen: 48.328 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX034427.D

Acq: 13 Mar 2023 13:03

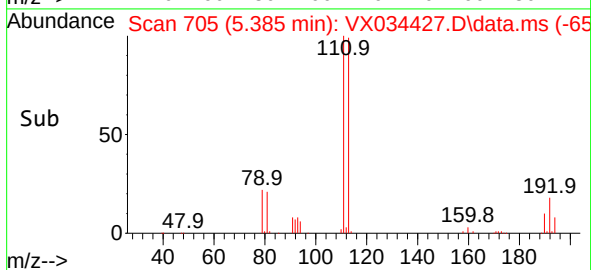
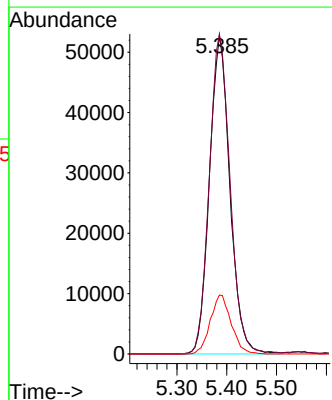
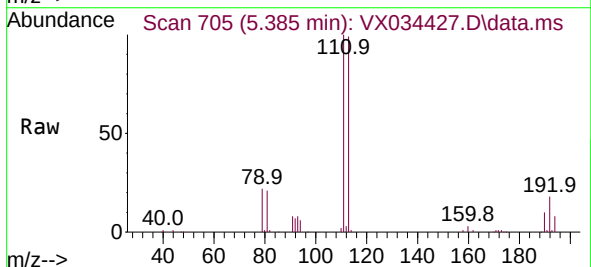
Tgt Ion:113 Resp: 150019

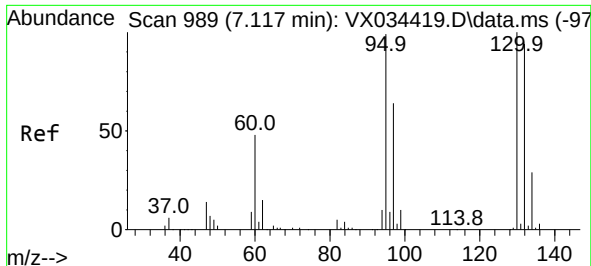
Ion Ratio Lower Upper

113 100

111 102.0 83.7 125.5

192 18.9 15.4 23.2

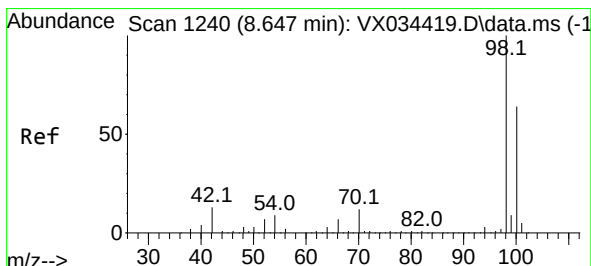
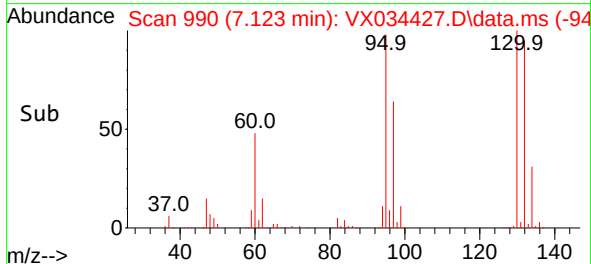
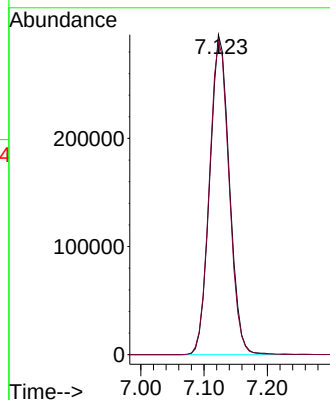
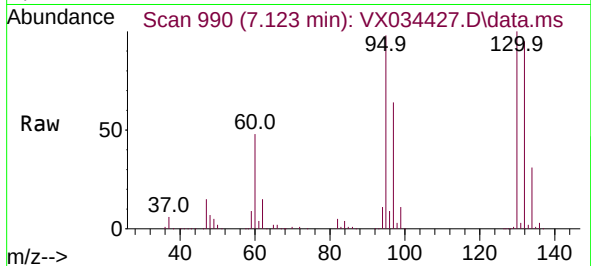




#44
Trichloroethene
Concen: 175.737 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX034427.D
Acq: 13 Mar 2023 13:03

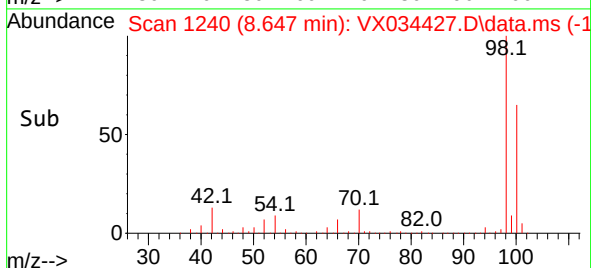
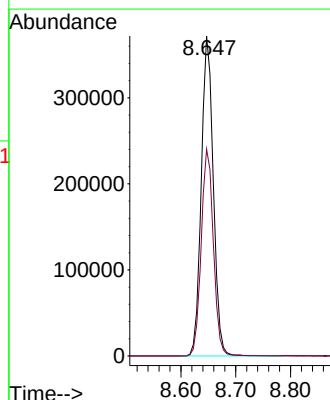
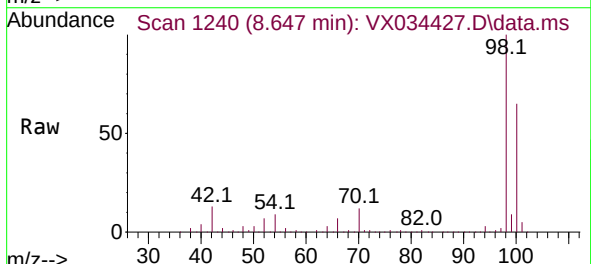
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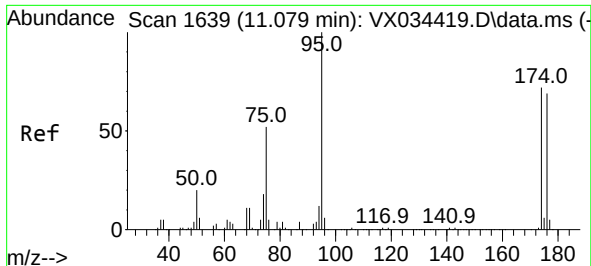
Tgt Ion:130 Resp: 636859
Ion Ratio Lower Upper
130 100
95 98.0 0.0 198.4



#50
Toluene-d8
Concen: 48.975 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034427.D
Acq: 13 Mar 2023 13:03

Tgt Ion: 98 Resp: 567528
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7

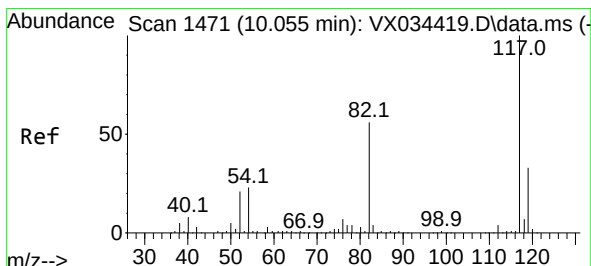
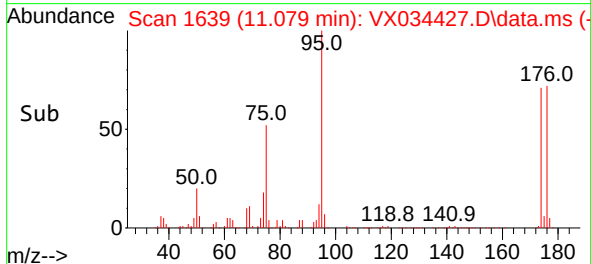
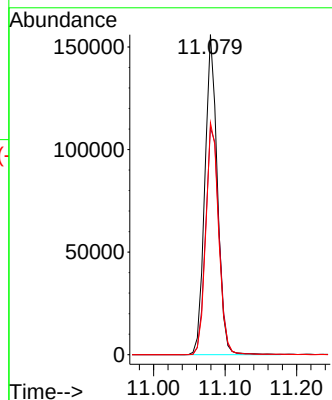
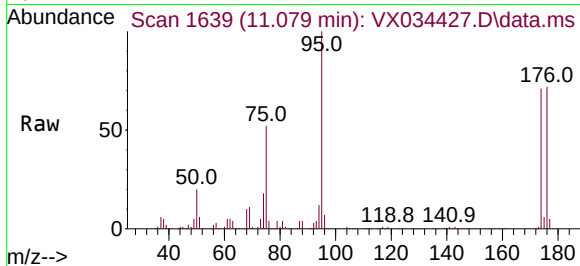




#62
4-Bromofluorobenzene
Concen: 40.550 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034427.D
Acq: 13 Mar 2023 13:03

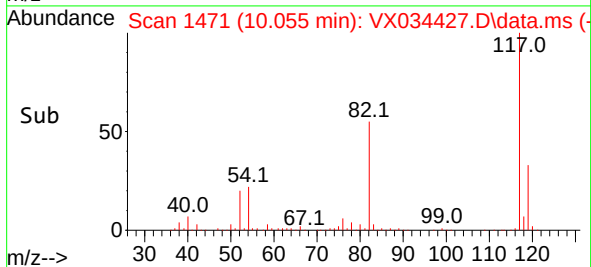
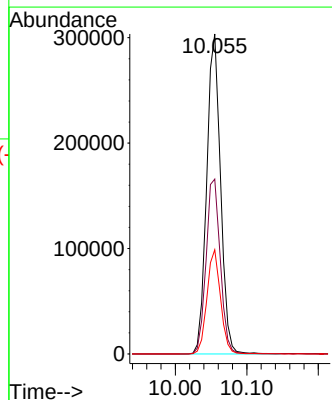
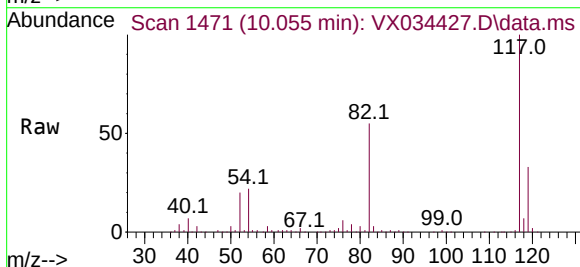
Instrument :
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ClientSampleId :
DUP03-20230308

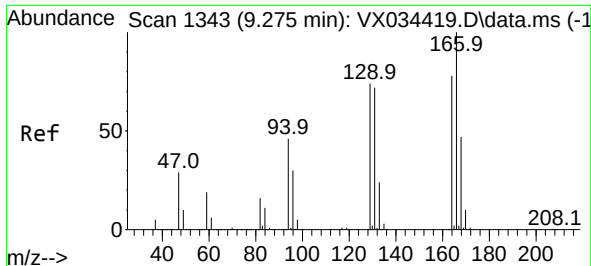
Tgt Ion: 95 Resp: 189801
Ion Ratio Lower Upper
95 100
174 76.5 0.0 147.4
176 74.8 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034427.D
Acq: 13 Mar 2023 13:03

Tgt Ion: 117 Resp: 408479
Ion Ratio Lower Upper
117 100
82 54.7 45.0 67.4
119 32.6 26.0 39.0

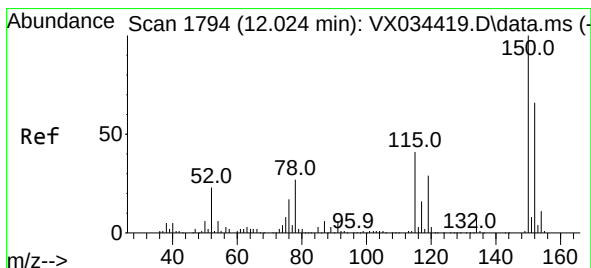
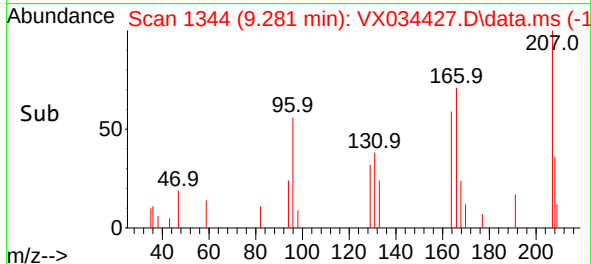
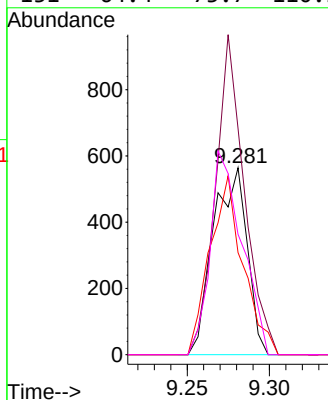
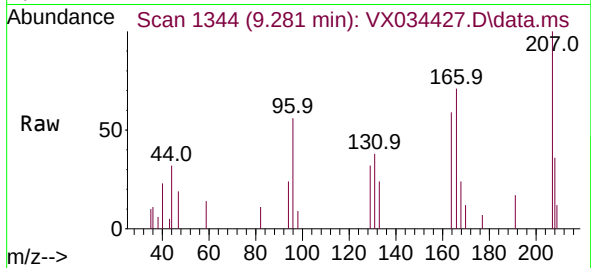




#64
Tetrachloroethene
Concen: 0.294 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX034427.D
Acq: 13 Mar 2023 13:03

Instrument :
MSVOA_X
ClientSampleId :
DUP03-20230308

Tgt Ion:164 Resp: 807
Ion Ratio Lower Upper
164 100
166 121.1 102.7 154.1
129 54.6 75.6 113.4#
131 64.4 73.7 110.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034427.D
Acq: 13 Mar 2023 13:03

Tgt Ion:152 Resp: 171811
Ion Ratio Lower Upper
152 100
115 59.1 45.0 135.0
150 156.7 0.0 352.4

