

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070224\
 Data File : VX042135.D
 Acq On : 02 Jul 2024 13:24
 Operator : JC/MD
 Sample : P3143-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-189-GW-678-680

Quant Time: Jul 03 03:32:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

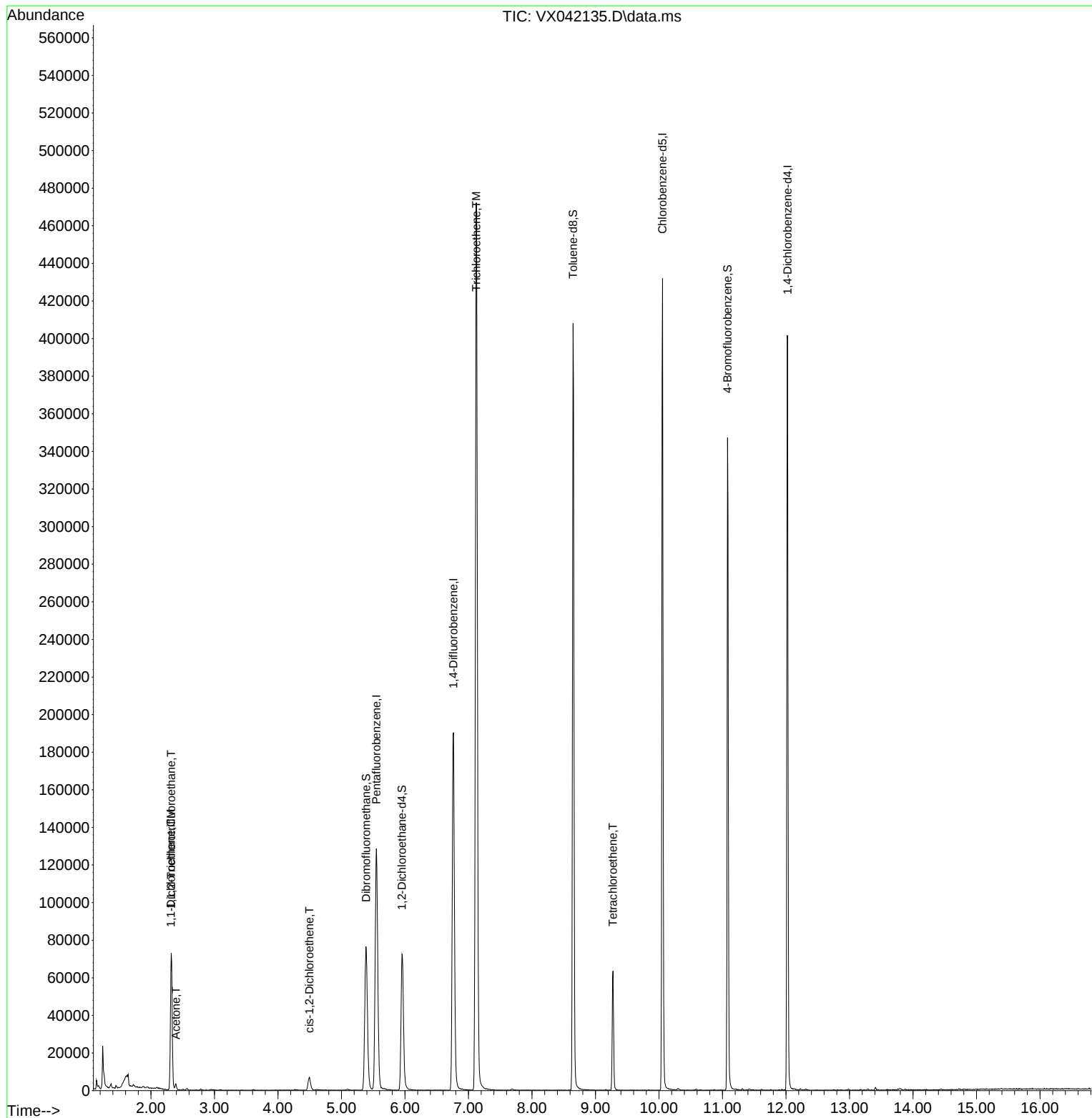
Internal Standards						
1) Pentafluorobenzene	5.550	168	143083	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	216969	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	214546	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101066	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	70714	42.859	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.720%
35) Dibromofluoromethane	5.385	113	68734	44.647	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.300%
50) Toluene-d8	8.647	98	252517	46.690	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.380%
62) 4-Bromofluorobenzene	11.079	95	93176	46.736	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.480%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.319	101	28810	23.287	ug/l	86
12) 1,1-Dichloroethene	2.313	96	950	0.770	ug/l	# 75
16) Acetone	2.392	43	2744	3.788	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	5106	3.255	ug/l	76
44) Trichloroethene	7.123	130	208431	141.029	ug/l	84
64) Tetrachloroethene	9.275	164	14213	9.099	ug/l	89

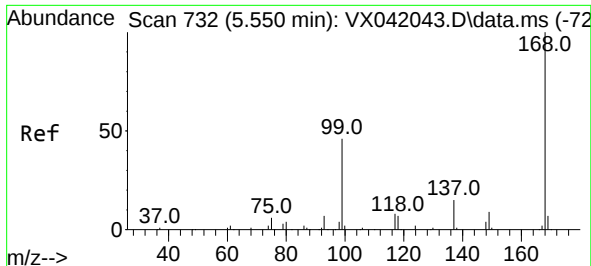
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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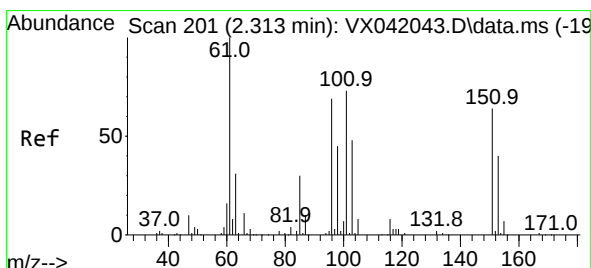
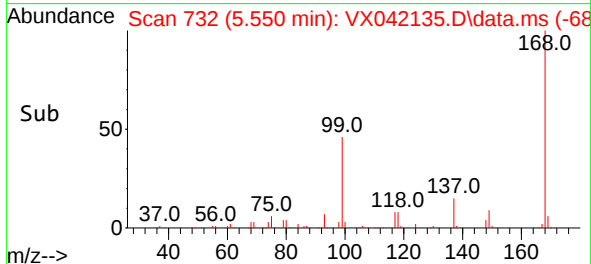
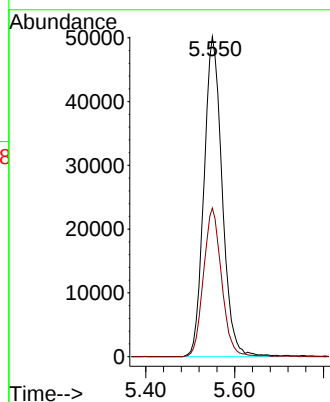
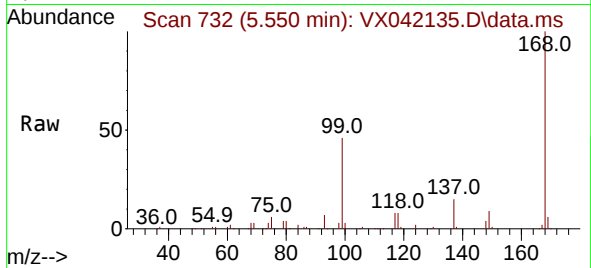




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042135.D
Acq: 02 Jul 2024 13:24

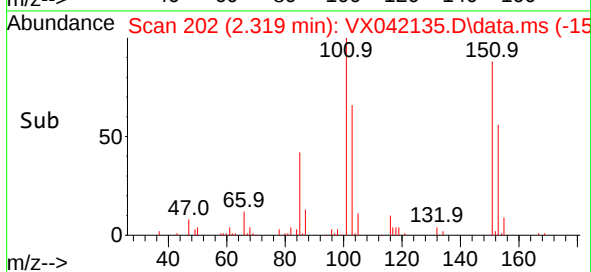
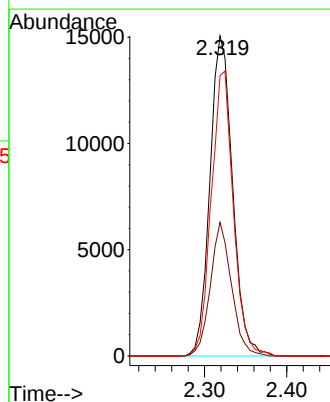
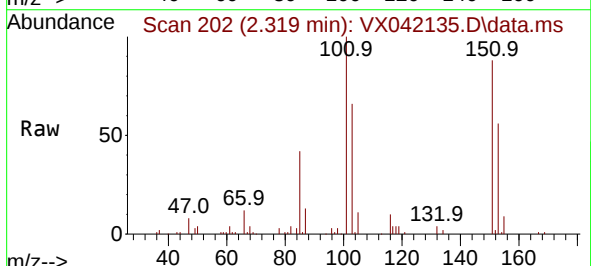
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-GW-678-680

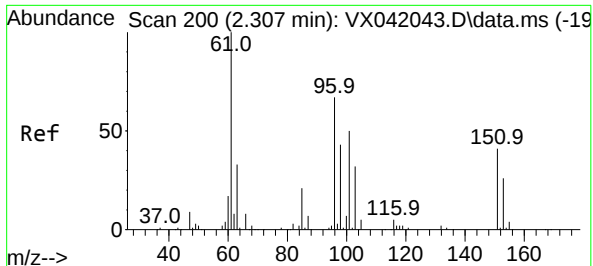
Tgt Ion:168 Resp: 143083
Ion Ratio Lower Upper
168 100
99 46.4 56.6 85.0#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.287 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX042135.D
Acq: 02 Jul 2024 13:24

Tgt Ion:101 Resp: 28810
Ion Ratio Lower Upper
101 100
85 39.0 37.0 55.6
151 86.9 58.6 87.8





#12

1,1-Dichloroethene

Concen: 0.770 ug/l

RT: 2.313 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX042135.D

Acq: 02 Jul 2024 13:24

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-189-GW-678-680

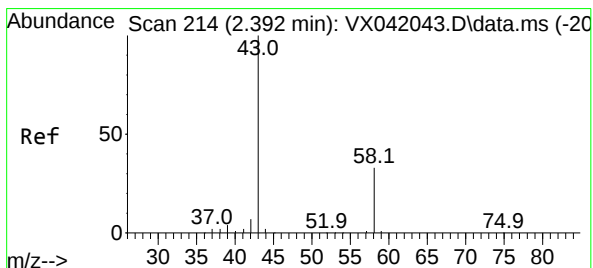
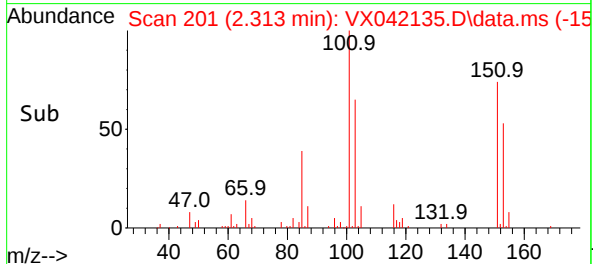
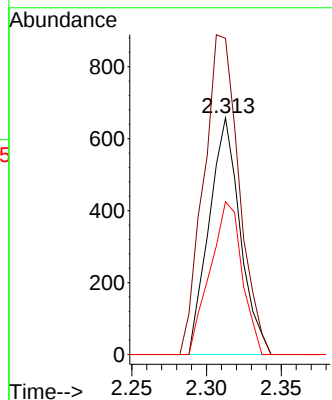
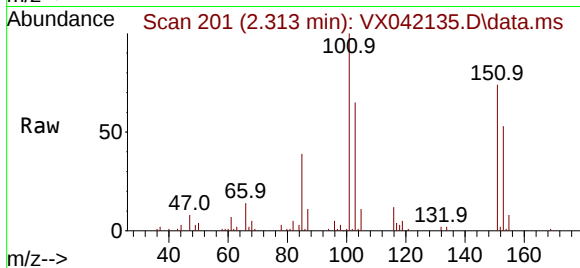
Tgt Ion: 96 Resp: 950

Ion Ratio Lower Upper

96 100

61 133.6 144.6 216.8#

98 64.6 50.4 75.6



#16

Acetone

Concen: 3.788 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX042135.D

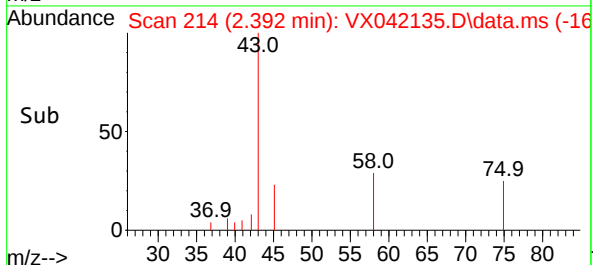
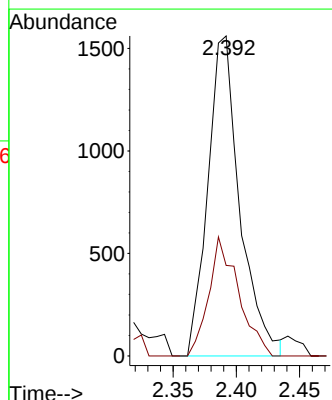
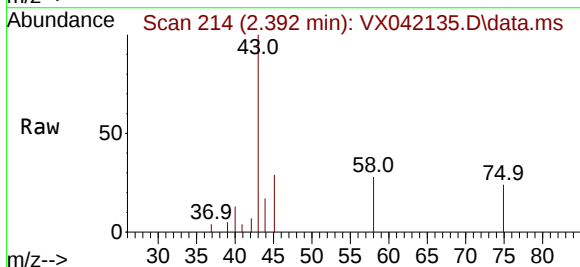
Acq: 02 Jul 2024 13:24

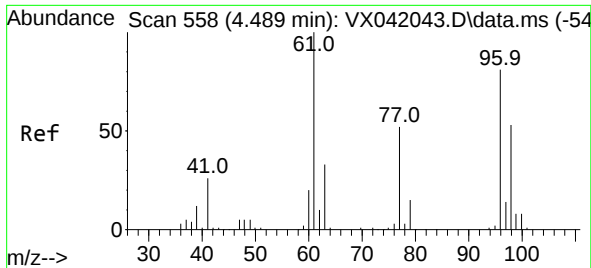
Tgt Ion: 43 Resp: 2744

Ion Ratio Lower Upper

43 100

58 28.3 21.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 3.255 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX042135.D

Acq: 02 Jul 2024 13:24

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-189-GW-678-680

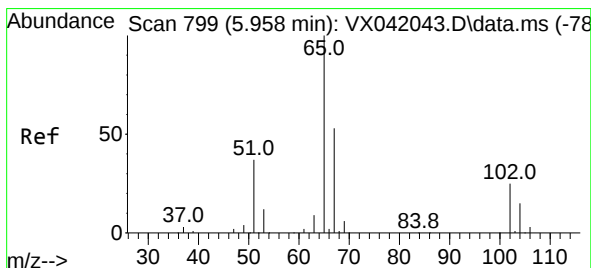
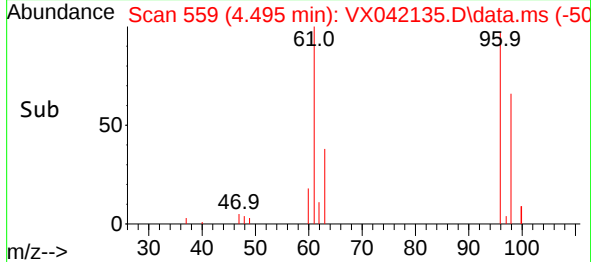
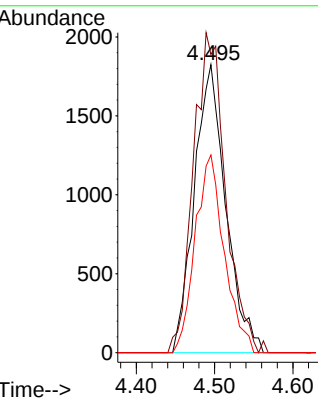
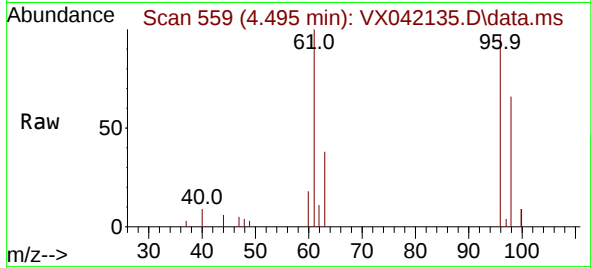
Tgt Ion: 96 Resp: 5106

Ion Ratio Lower Upper

96 100

61 113.1 0.0 312.2

98 63.1 0.0 129.0



#33

1,2-Dichloroethane-d4

Concen: 42.859 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX042135.D

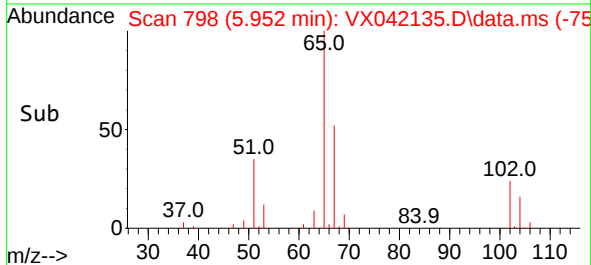
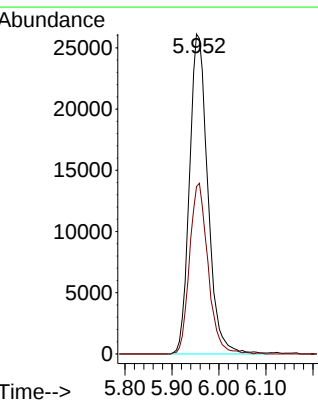
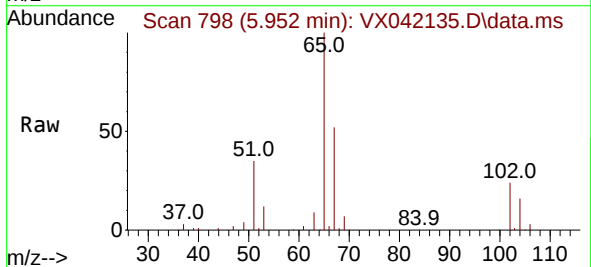
Acq: 02 Jul 2024 13:24

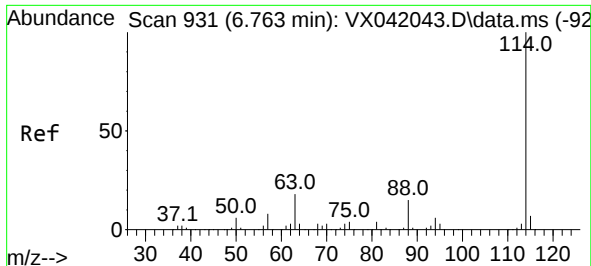
Tgt Ion: 65 Resp: 70714

Ion Ratio Lower Upper

65 100

67 53.7 0.0 100.2

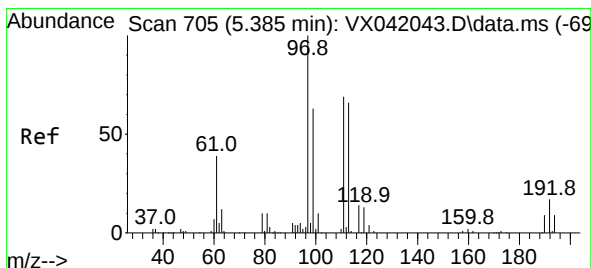
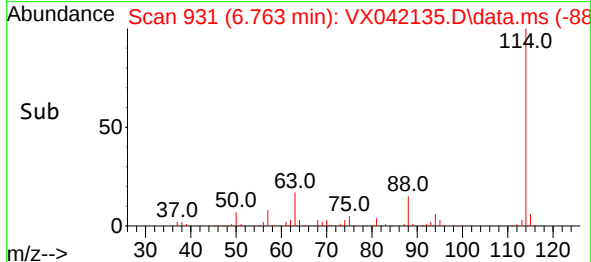
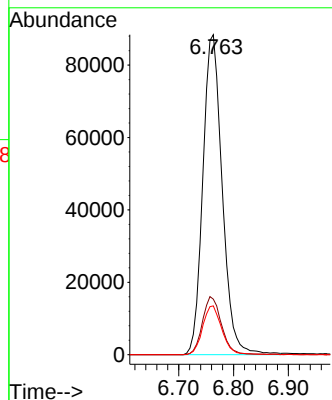
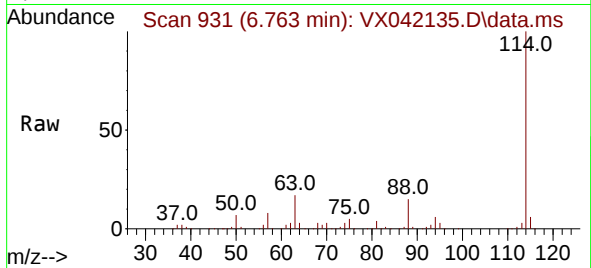




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX042135.D
Acq: 02 Jul 2024 13:24

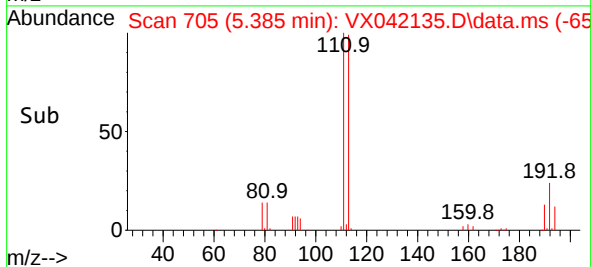
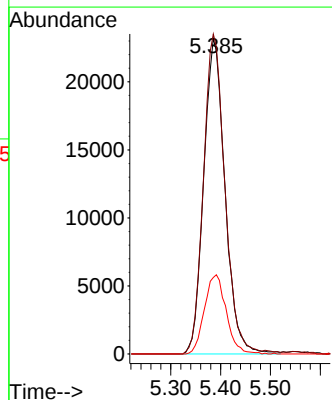
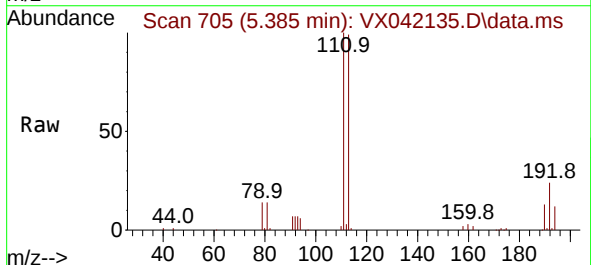
Instrument :
MSVOA_X
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BP-VPB-189-GW-678-680

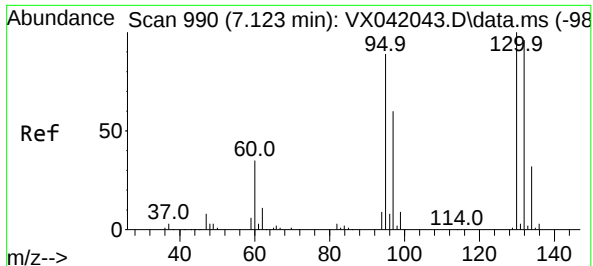
Tgt Ion:114 Resp: 216969
Ion Ratio Lower Upper
114 100
63 17.4 0.0 45.0
88 15.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.647 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042135.D
Acq: 02 Jul 2024 13:24

Tgt Ion:113 Resp: 68734
Ion Ratio Lower Upper
113 100
111 101.7 82.9 124.3
192 25.7 13.3 19.9#

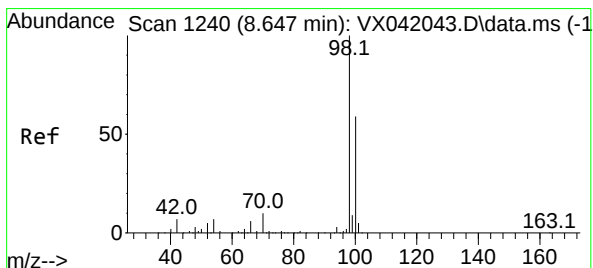
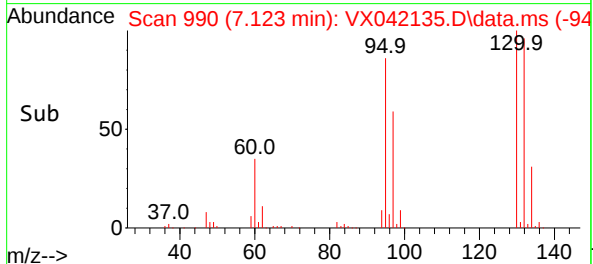
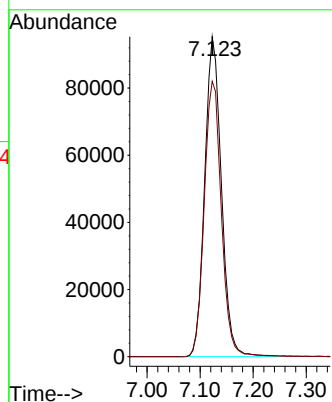
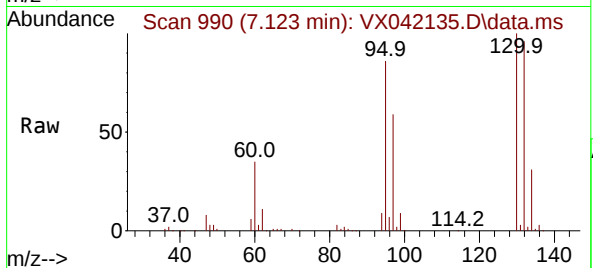




#44
Trichloroethene
Concen: 141.029 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX042135.D
Acq: 02 Jul 2024 13:24

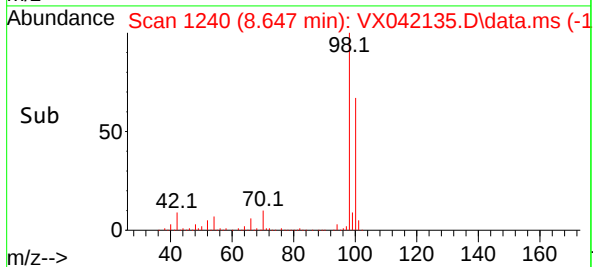
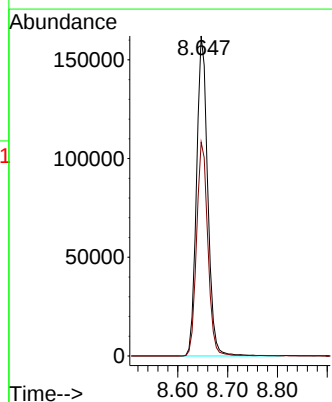
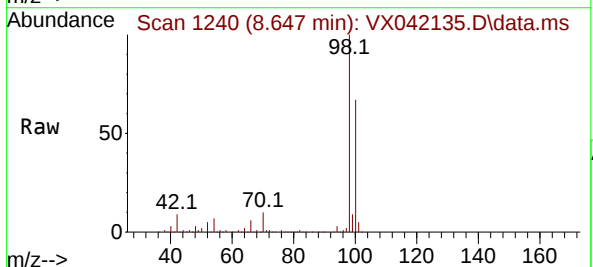
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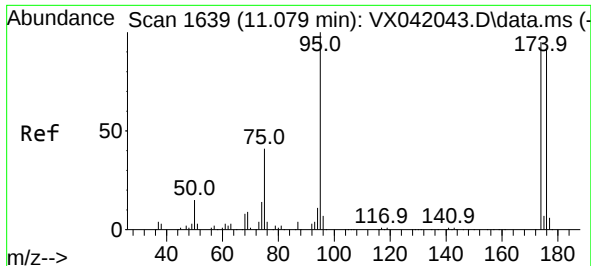
Tgt Ion:130 Resp: 208431
Ion Ratio Lower Upper
130 100
95 86.1 0.0 204.4



#50
Toluene-d8
Concen: 46.690 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042135.D
Acq: 02 Jul 2024 13:24

Tgt Ion: 98 Resp: 252517
Ion Ratio Lower Upper
98 100
100 67.1 53.1 79.7

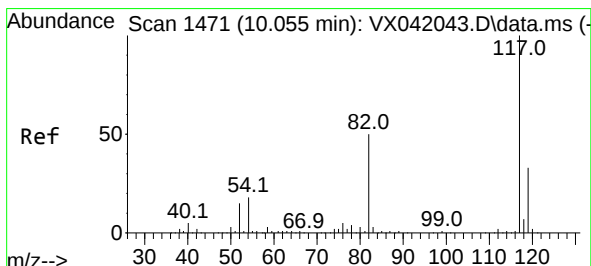
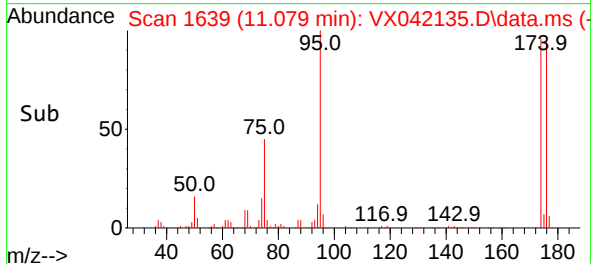
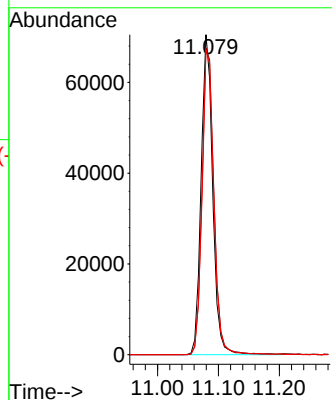
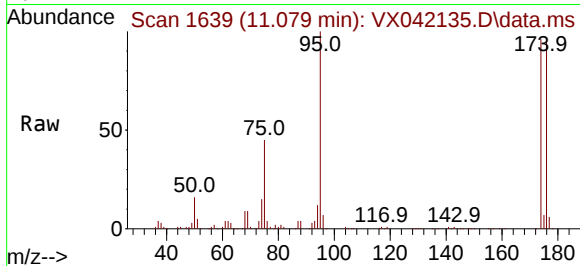




#62
4-Bromofluorobenzene
Concen: 46.736 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042135.D
Acq: 02 Jul 2024 13:24

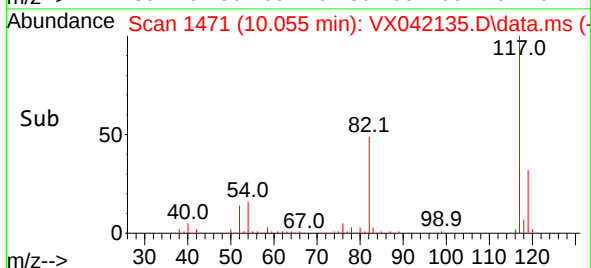
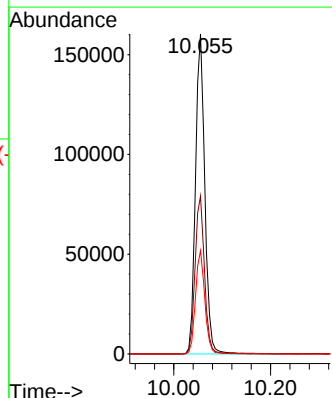
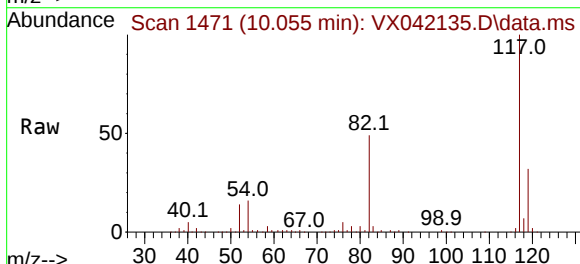
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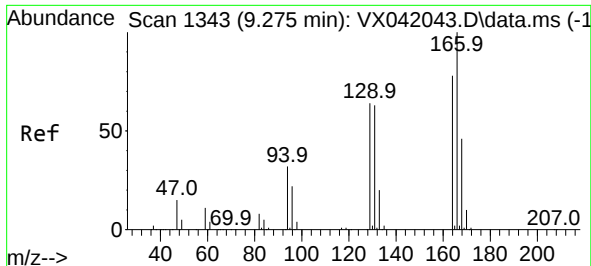
Tgt Ion: 95 Resp: 93176
Ion Ratio Lower Upper
95 100
174 98.6 0.0 135.6
176 96.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042135.D
Acq: 02 Jul 2024 13:24

Tgt Ion: 117 Resp: 214546
Ion Ratio Lower Upper
117 100
82 49.3 46.2 69.4
119 32.3 25.5 38.3



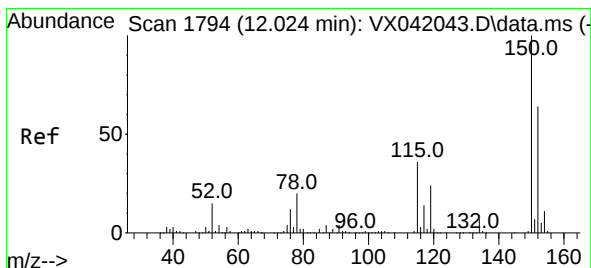
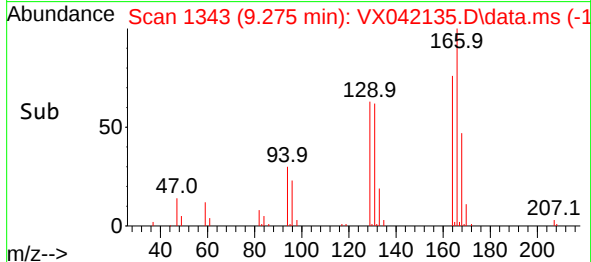
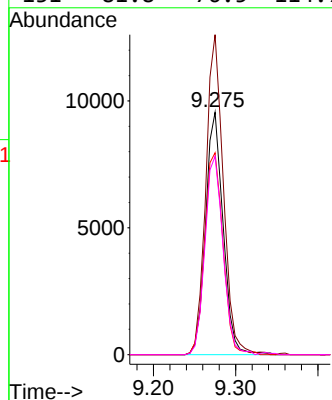
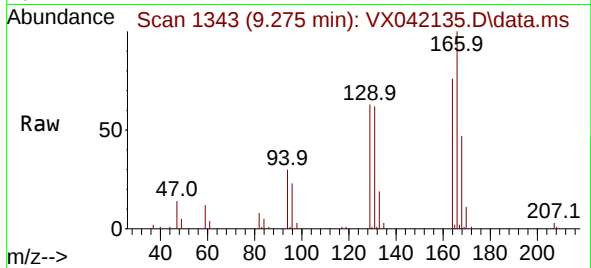


#64
Tetrachloroethene
Concen: 9.099 ug/l
RT: 9.275 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX042135.D
Acq: 02 Jul 2024 13:24

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-GW-678-680

Tgt Ion:164 Resp: 14213

Ion	Ratio	Lower	Upper
164	100		
166	132.0	102.7	154.1
129	83.3	80.4	120.6
131	81.8	76.5	114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX042135.D
Acq: 02 Jul 2024 13:24

Tgt Ion:152 Resp: 101066

Ion	Ratio	Lower	Upper
152	100		
115	53.0	43.3	129.9
150	156.9	0.0	345.0

