

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031225\
 Data File : VX045243.D
 Acq On : 12 Mar 2025 13:01
 Operator : JC/MD
 Sample : Q1531-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20250306

Quant Time: Mar 13 01:40:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

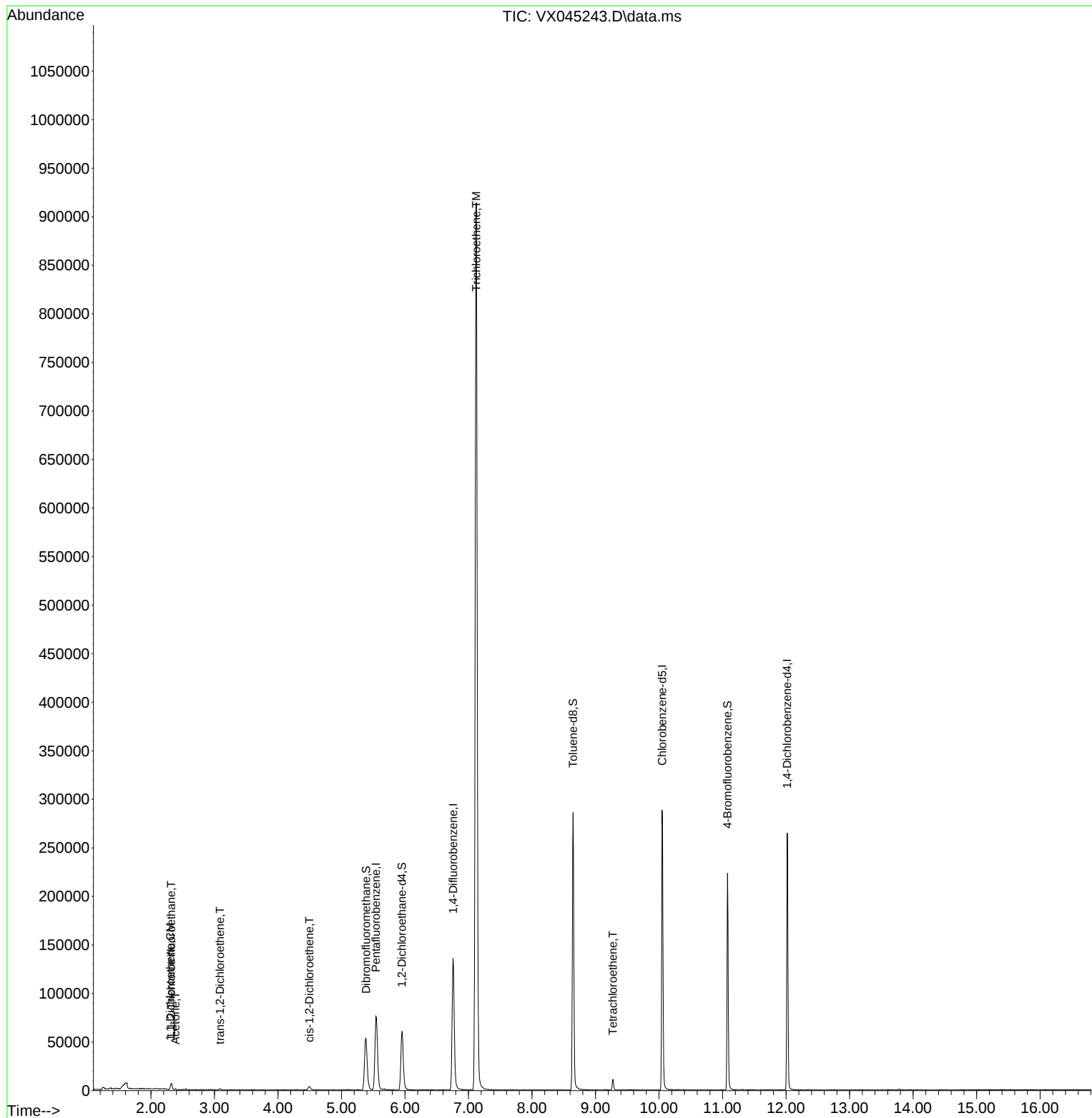
Internal Standards						
1) Pentafluorobenzene	5.543	168	68183	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	135625	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	124508	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51386	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	58347	53.798	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 107.600%		
35) Dibromofluoromethane	5.385	113	47002	51.828	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.660%		
50) Toluene-d8	8.647	98	167501	50.946	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 101.900%		
62) 4-Bromofluorobenzene	11.079	95	57978	53.216	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 106.440%		
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.318	101	2280	2.877	ug/l	98
12) 1,1-Dichloroethene	2.306	96	589	0.703	ug/l #	66
16) Acetone	2.386	43	878	1.745	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	544	0.657	ug/l #	66
27) cis-1,2-Dichloroethene	4.495	96	2228	2.181	ug/l	96
44) Trichloroethene	7.122	130	340297	369.016	ug/l	100
64) Tetrachloroethene	9.275	164	1934	2.425	ug/l	92

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

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Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
MSVOA_X
ClientSampleId :
DUP01-20250306

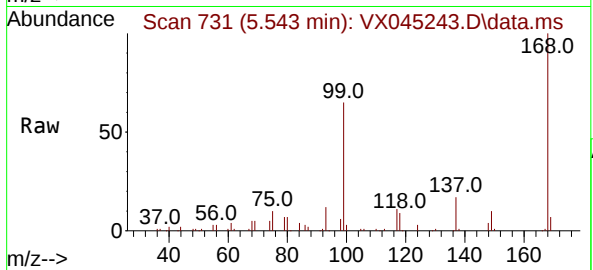
Quant Time: Mar 13 01:40:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration



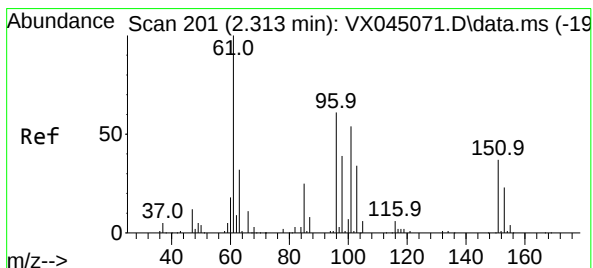
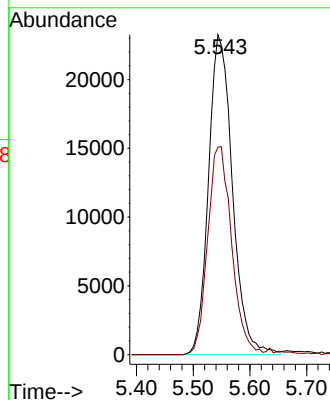
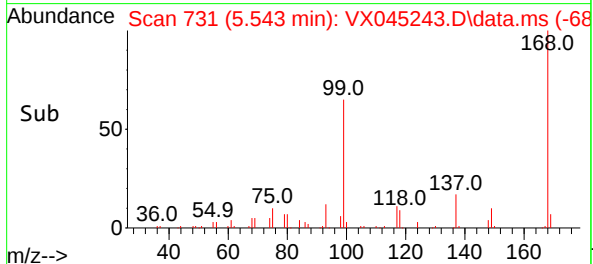


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX045243.D
Acq: 12 Mar 2025 13:01

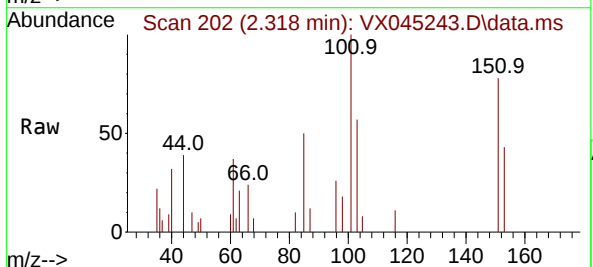
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20250306



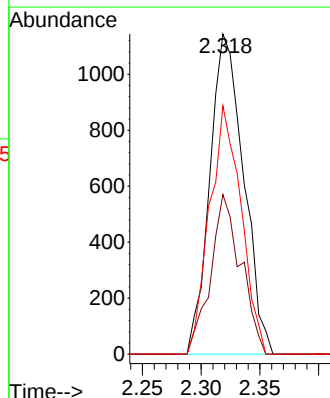
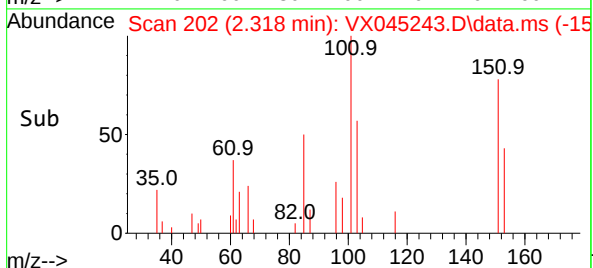
Tgt Ion:168 Resp: 68183
Ion Ratio Lower Upper
168 100
99 64.9 48.2 72.4

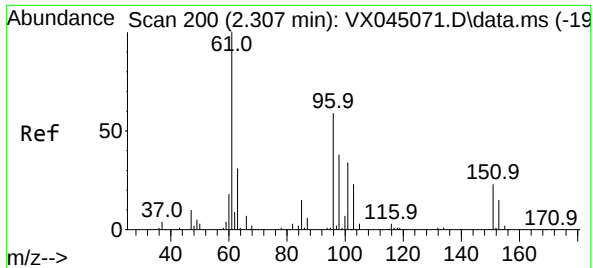


#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.877 ug/l
RT: 2.318 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX045243.D
Acq: 12 Mar 2025 13:01



Tgt Ion:101 Resp: 2280
Ion Ratio Lower Upper
101 100
85 44.7 36.2 54.4
151 72.4 56.4 84.6

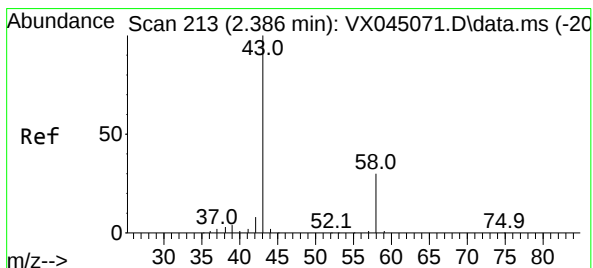
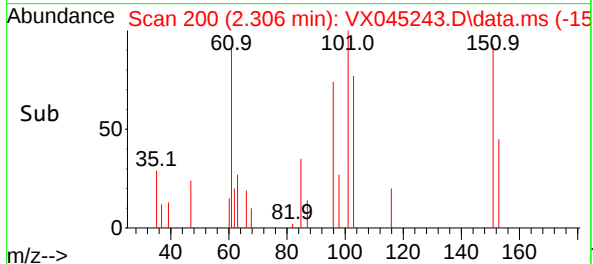
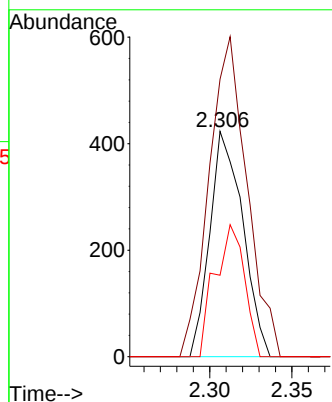
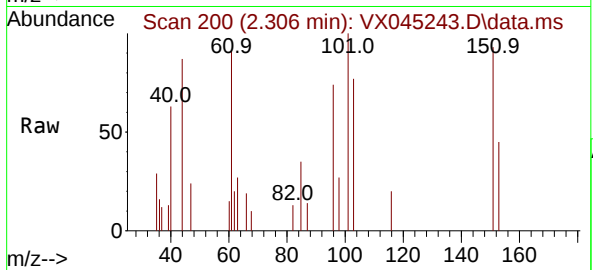




#12
 1,1-Dichloroethene
 Concen: 0.703 ug/l
 RT: 2.306 min Scan# 200
 Delta R.T. -0.000 min
 Lab File: VX045243.D
 Acq: 12 Mar 2025 13:01

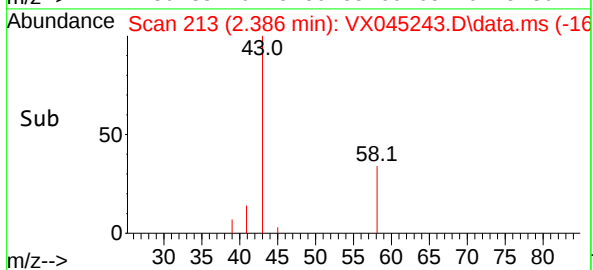
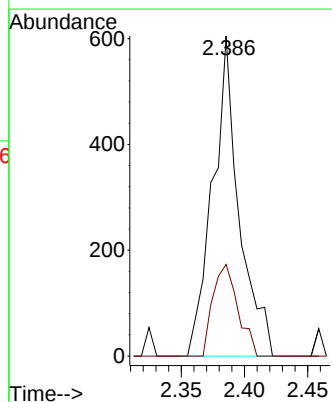
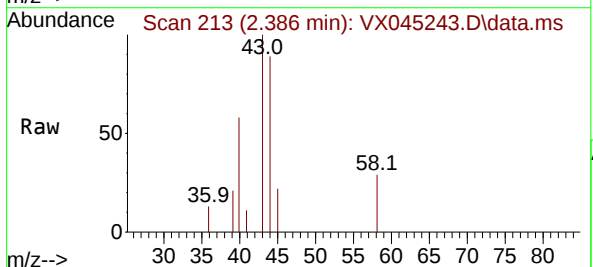
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20250306

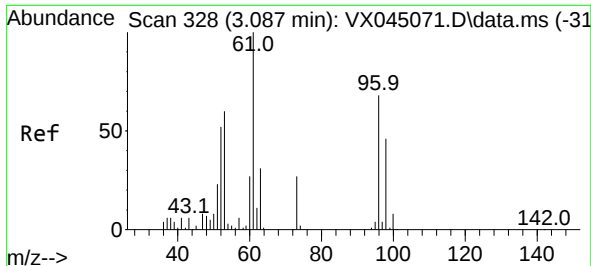
Tgt Ion: 96 Resp: 589
 Ion Ratio Lower Upper
 96 100
 61 123.2 134.6 202.0#
 98 36.2 51.0 76.6#



#16
 Acetone
 Concen: 1.745 ug/l
 RT: 2.386 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VX045243.D
 Acq: 12 Mar 2025 13:01

Tgt Ion: 43 Resp: 878
 Ion Ratio Lower Upper
 43 100
 58 28.6 24.2 36.4

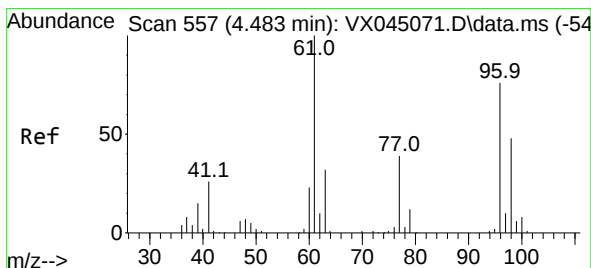
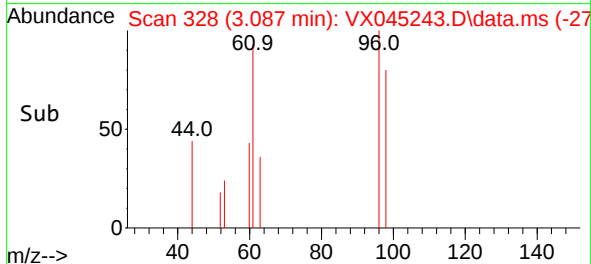
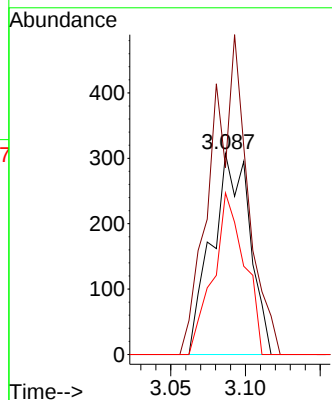
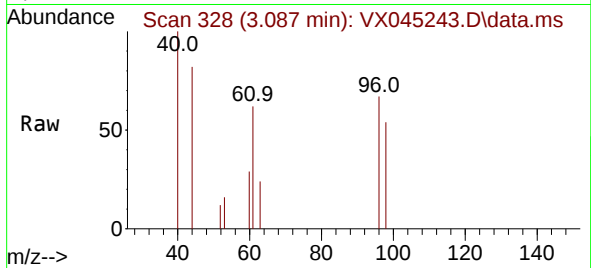




#21
trans-1,2-Dichloroethene
Concen: 0.657 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045243.D
Acq: 12 Mar 2025 13:01

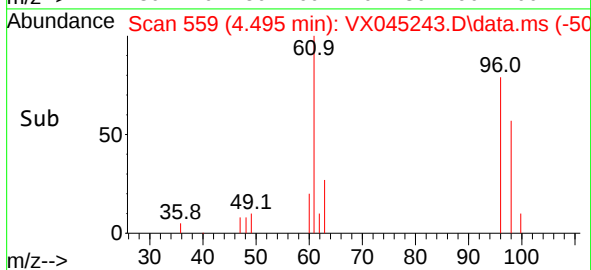
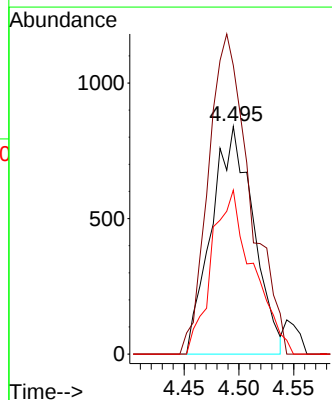
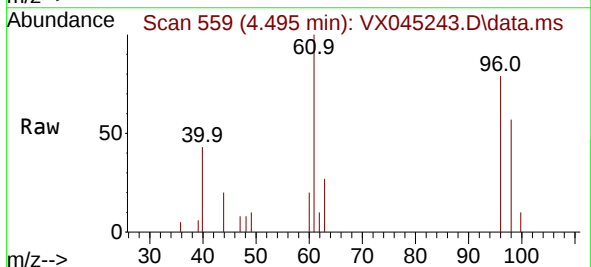
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20250306

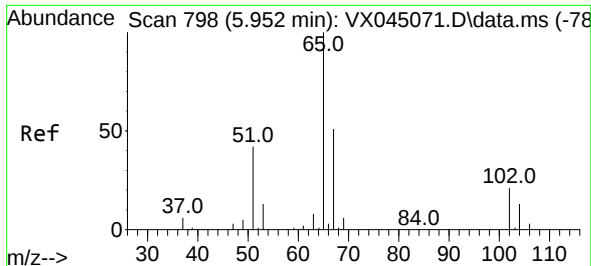
Tgt Ion: 96 Resp: 544
Ion Ratio Lower Upper
96 100
61 93.2 117.0 175.4#
98 80.5 53.4 80.2#



#27
cis-1,2-Dichloroethene
Concen: 2.181 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.012 min
Lab File: VX045243.D
Acq: 12 Mar 2025 13:01

Tgt Ion: 96 Resp: 2228
Ion Ratio Lower Upper
96 100
61 140.2 0.0 283.2
98 71.1 0.0 128.0

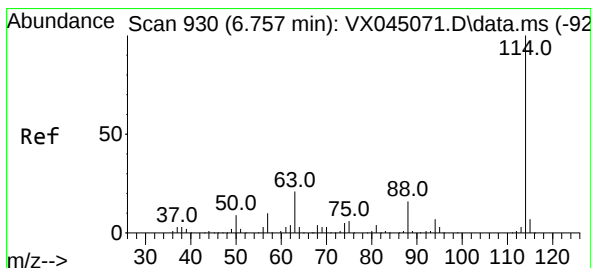
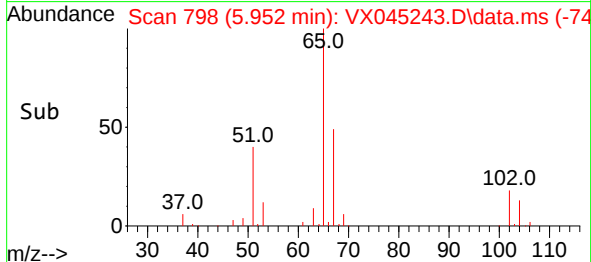
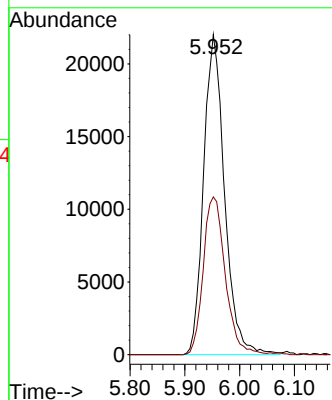
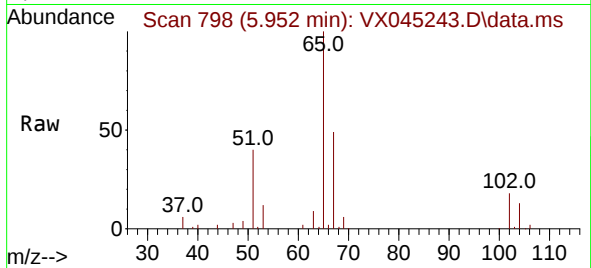




#33
 1,2-Dichloroethane-d4
 Concen: 53.798 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX045243.D
 Acq: 12 Mar 2025 13:01

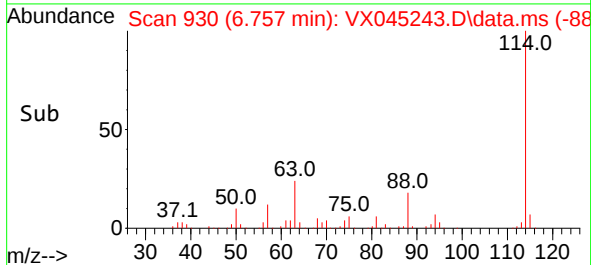
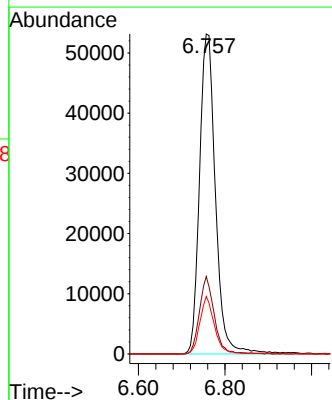
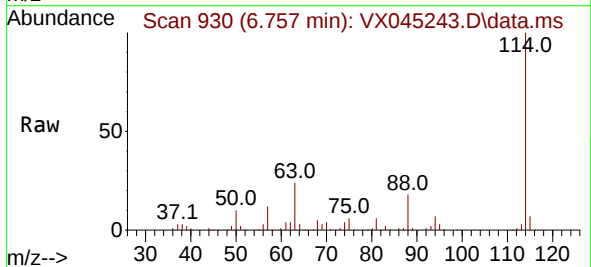
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20250306

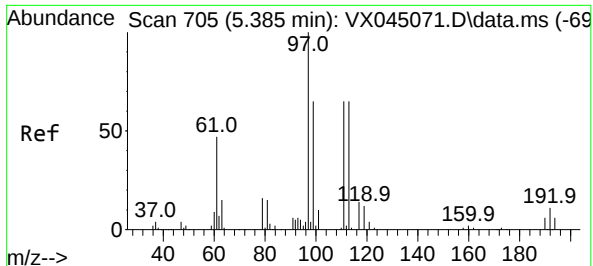
Tgt Ion: 65 Resp: 58347
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX045243.D
 Acq: 12 Mar 2025 13:01

Tgt Ion: 114 Resp: 135625
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 41.8
 88 17.9 0.0 32.8

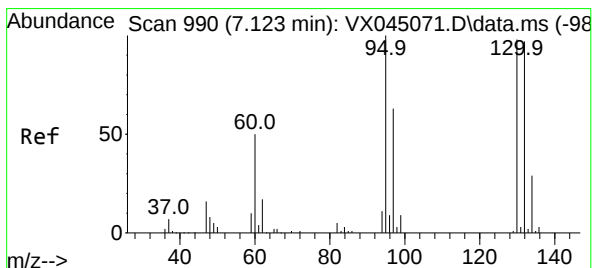
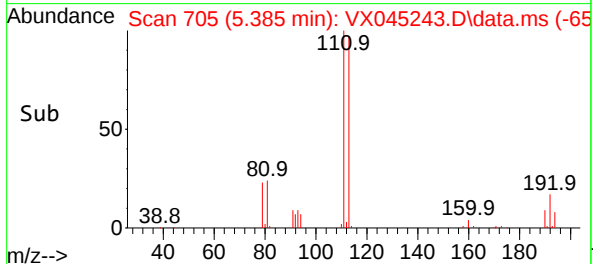
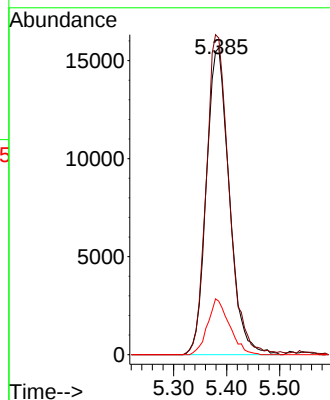
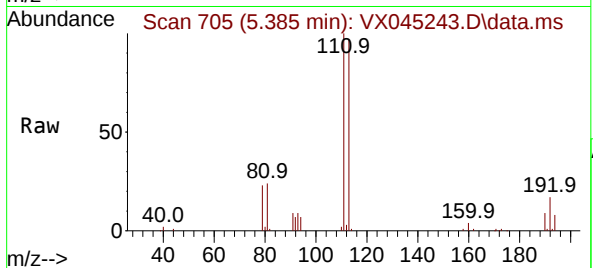




#35
Dibromofluoromethane
Concen: 51.828 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX045243.D
Acq: 12 Mar 2025 13:01

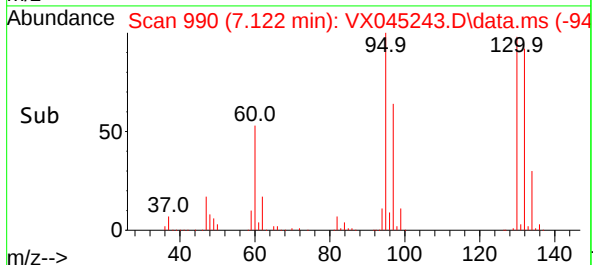
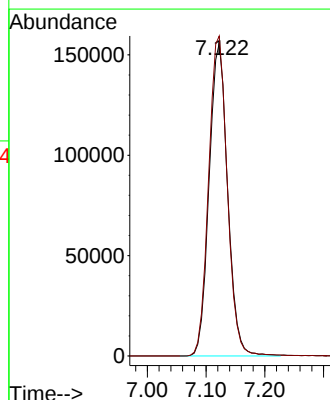
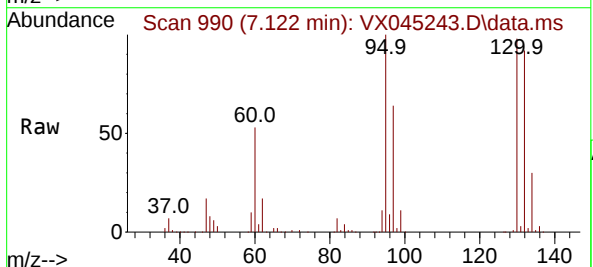
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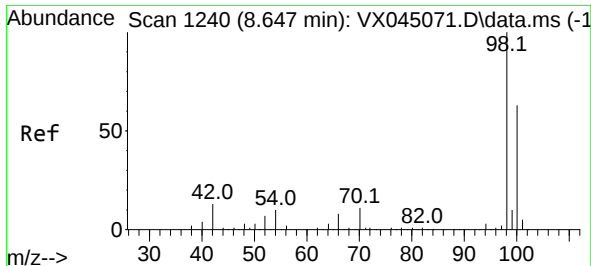
Tgt Ion:113 Resp: 47002
Ion Ratio Lower Upper
113 100
111 103.9 81.8 122.6
192 17.3 14.3 21.5



#44
Trichloroethene
Concen: 369.016 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045243.D
Acq: 12 Mar 2025 13:01

Tgt Ion:130 Resp: 340297
Ion Ratio Lower Upper
130 100
95 102.3 0.0 205.0

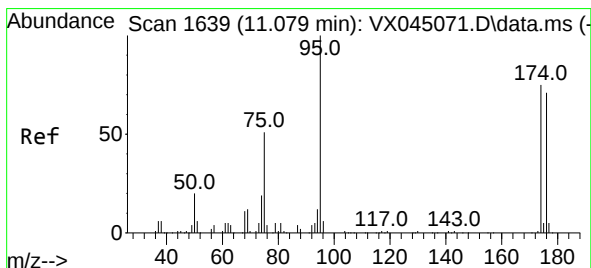
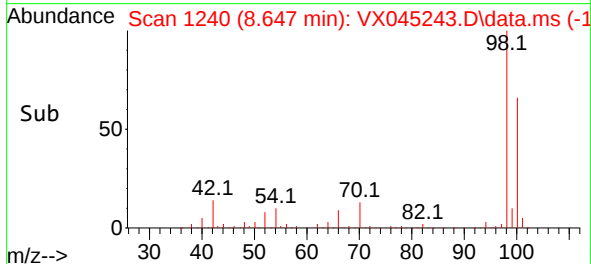
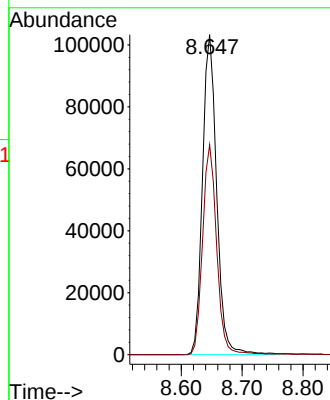
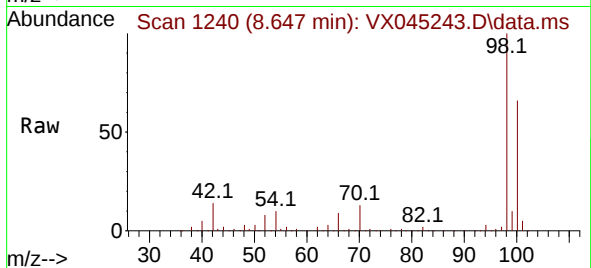




#50
Toluene-d8
Concen: 50.946 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045243.D
Acq: 12 Mar 2025 13:01

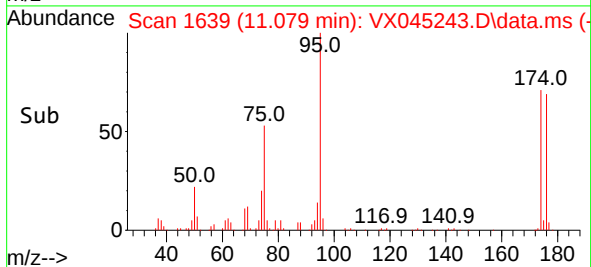
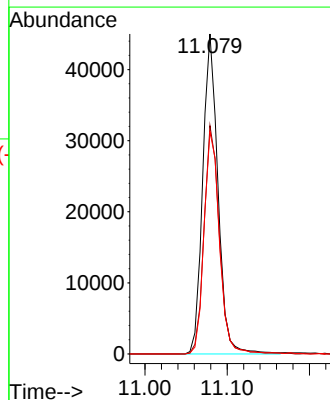
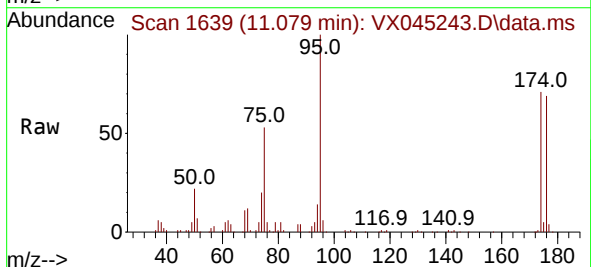
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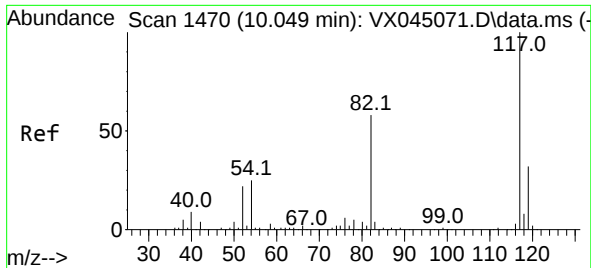
Tgt Ion: 98 Resp: 167501
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 53.216 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045243.D
Acq: 12 Mar 2025 13:01

Tgt Ion: 95 Resp: 57978
Ion Ratio Lower Upper
95 100
174 72.0 0.0 148.2
176 70.5 0.0 141.4



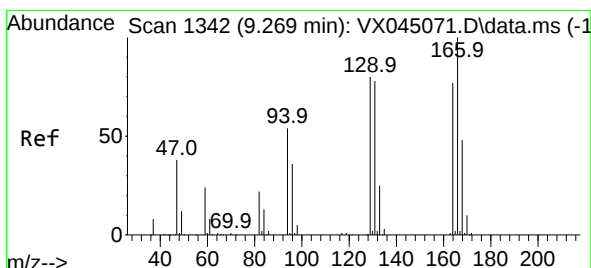
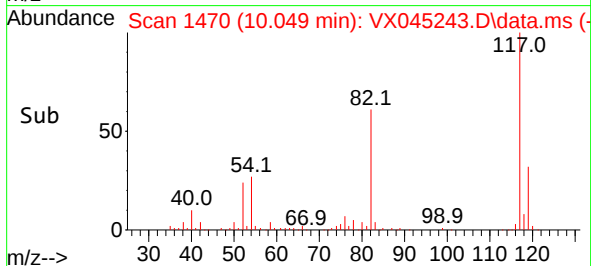
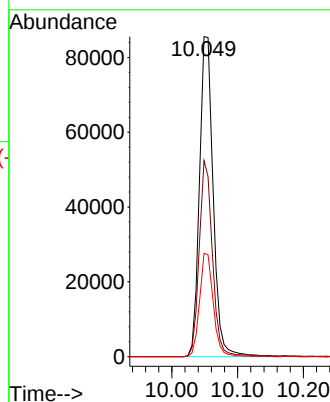
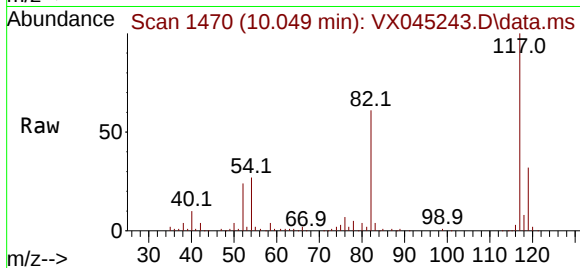


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045243.D
Acq: 12 Mar 2025 13:01

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20250306

Tgt Ion:117 Resp: 124508

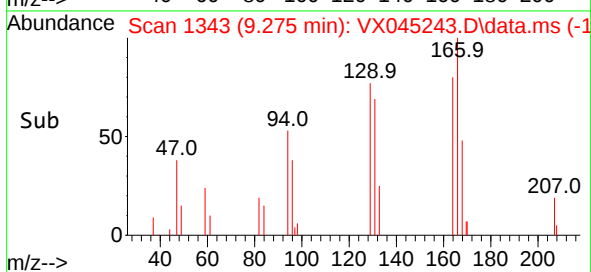
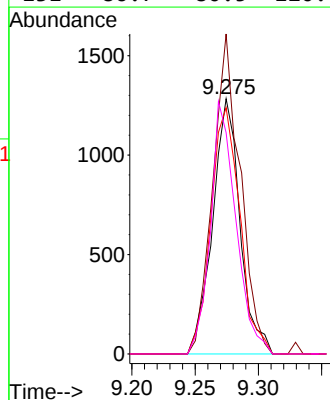
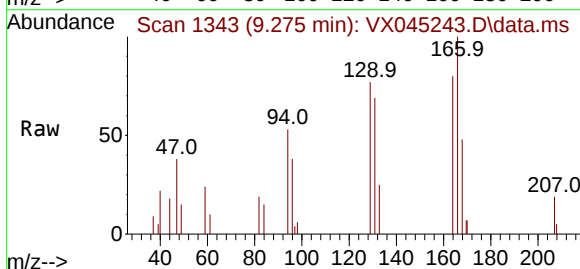
Ion	Ratio	Lower	Upper
117	100		
82	61.2	46.3	69.5
119	32.3	25.7	38.5

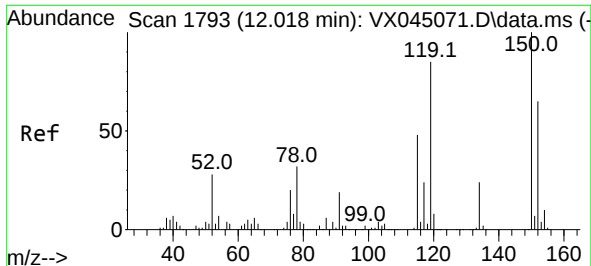


#64
Tetrachloroethene
Concen: 2.425 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX045243.D
Acq: 12 Mar 2025 13:01

Tgt Ion:164 Resp: 1934

Ion	Ratio	Lower	Upper
164	100		
166	125.4	103.6	155.4
129	96.5	82.7	124.1
131	86.7	80.5	120.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX045243.D

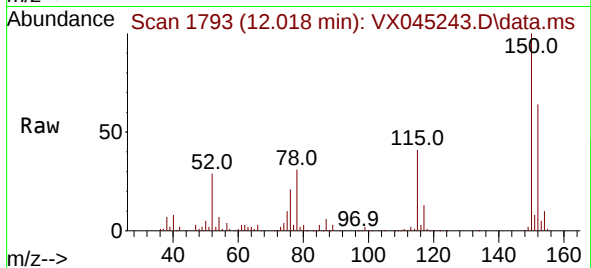
Acq: 12 Mar 2025 13:01

Instrument :

MSVOA_X

ClientSampleId :

DUP01-20250306



Tgt Ion:152 Resp: 51386

Ion Ratio Lower Upper

152 100

115 61.8 44.2 132.6

150 158.0 0.0 349.0

