

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
 Data File : VX044471.D
 Acq On : 23 Dec 2024 11:50
 Operator : JC/MD
 Sample : P5317-11 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-05-20241217

Quant Time: Dec 23 21:53:53 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

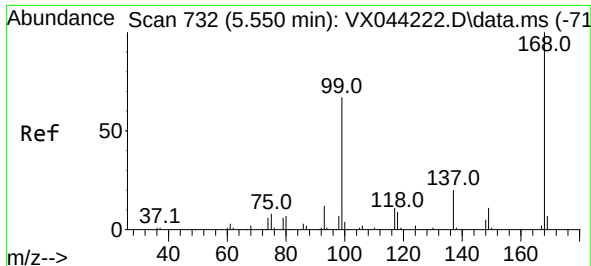
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	165083	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	285250	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	241914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	104920	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	115024	39.740	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	79.480%
35) Dibromofluoromethane	5.385	113	91681	46.406	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.820%
50) Toluene-d8	8.641	98	339844	50.988	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.980%
62) 4-Bromofluorobenzene	11.079	95	108365	46.529	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	93.060%
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	508	0.282	ug/l #	64
6) Chloroethane	1.648	64	337	0.213	ug/l #	85
11) Tert butyl alcohol	2.941	59	679	1.664	ug/l #	71
16) Acetone	2.380	43	383	0.325	ug/l #	48
31) Cyclohexane	5.544	56	3894	1.246	ug/l #	34
36) 1,1-Dichloropropene	5.550	75	14055	5.504	ug/l #	50
38) Carbon Tetrachloride	5.538	117	17331	6.304	ug/l #	19
51) 4-Methyl-2-Pentanone	8.641	43	1591	0.502	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	57648	24.608	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	57648	68.227	ug/l #	4

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

Quant Time: Dec 23 21:53:53 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

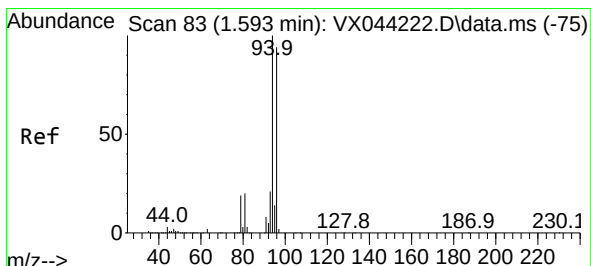
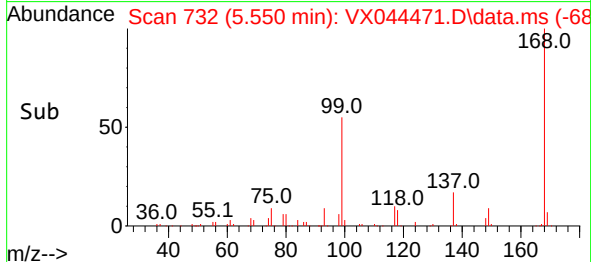
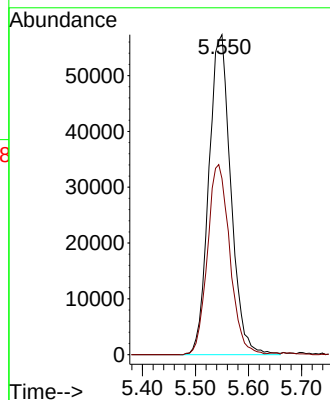
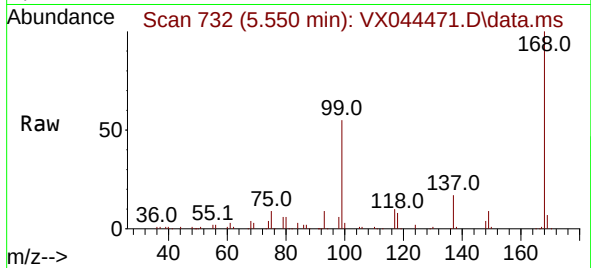




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044471.D
Acq: 23 Dec 2024 11:50

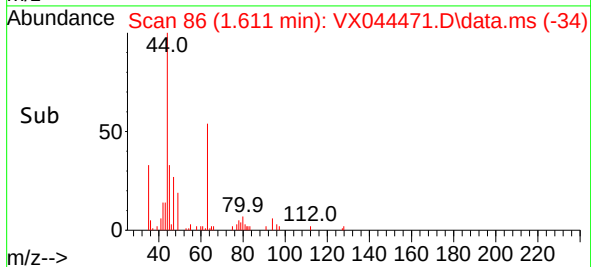
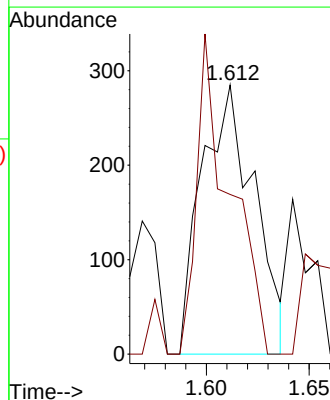
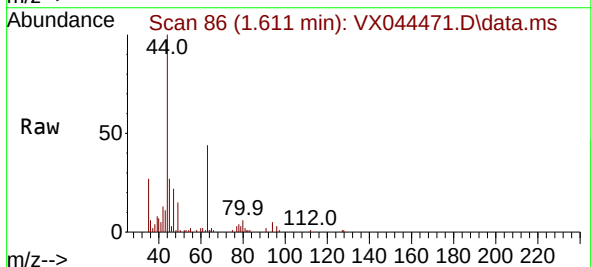
Instrument :
MSVOA_X
ClientSampleId :
DUP-05-20241217

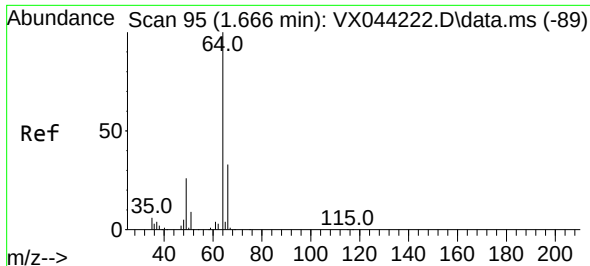
Tgt Ion:168 Resp: 165083
Ion Ratio Lower Upper
168 100
99 55.1 53.4 80.0



#5
Bromomethane
Concen: 0.282 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.018 min
Lab File: VX044471.D
Acq: 23 Dec 2024 11:50

Tgt Ion: 94 Resp: 508
Ion Ratio Lower Upper
94 100
96 59.3 74.9 112.3#

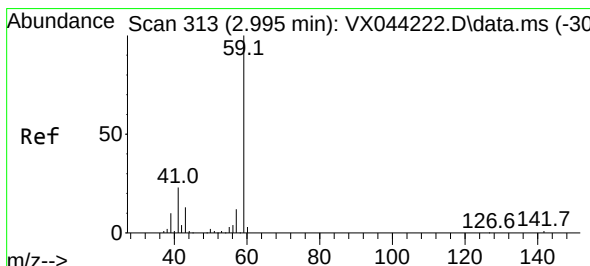
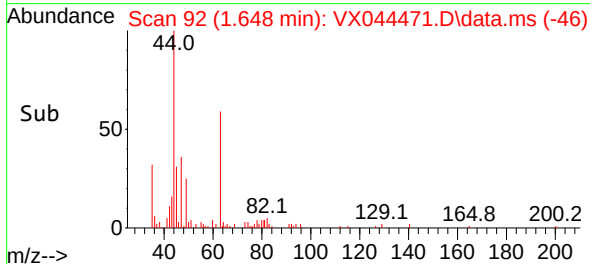
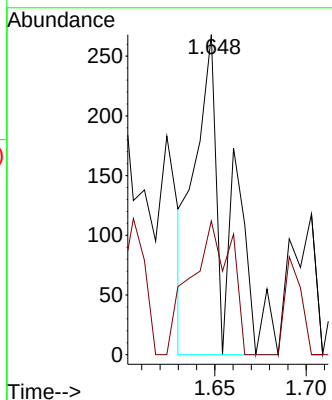
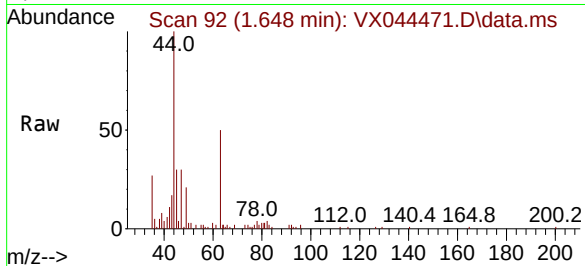




#6
Chloroethane
Concen: 0.213 ug/l
RT: 1.648 min Scan# 91
Delta R.T. -0.018 min
Lab File: VX044471.D
Acq: 23 Dec 2024 11:50

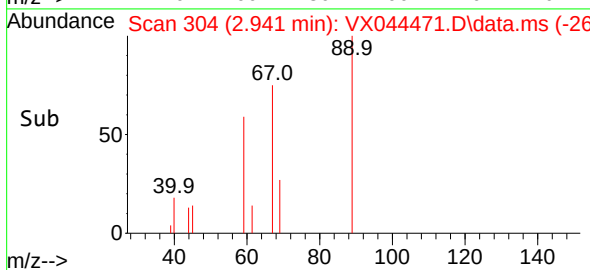
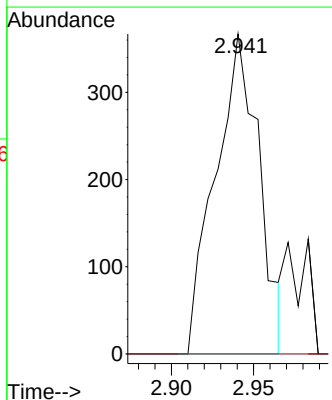
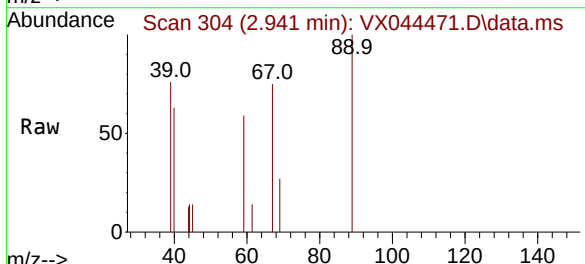
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ClientSampleId :
DUP-05-20241217

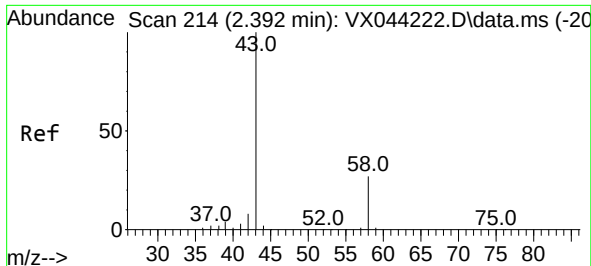
Tgt Ion: 64 Resp: 337
Ion Ratio Lower Upper
64 100
66 41.8 26.6 39.8#



#11
Tert butyl alcohol
Concen: 1.664 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX044471.D
Acq: 23 Dec 2024 11:50

Tgt Ion: 59 Resp: 679
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

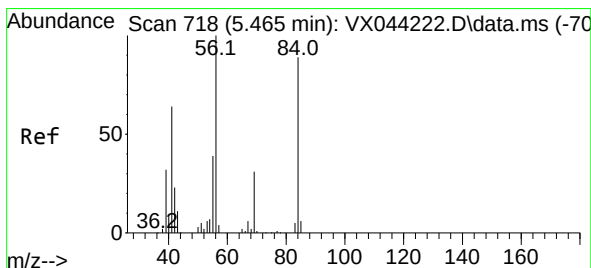
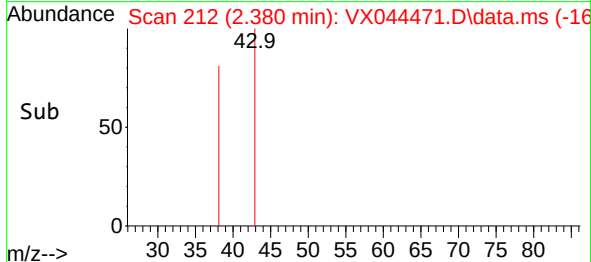
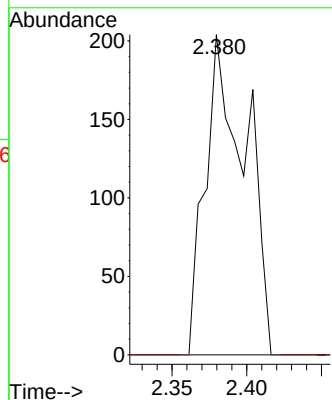
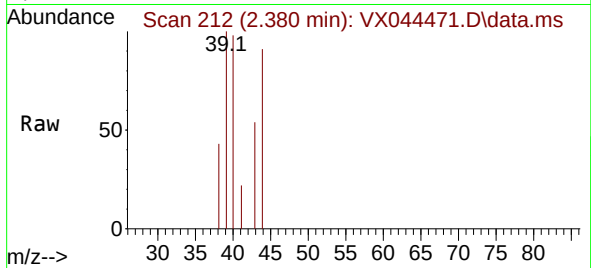




#16
Acetone
Concen: 0.325 ug/l
RT: 2.380 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX044471.D
Acq: 23 Dec 2024 11:50

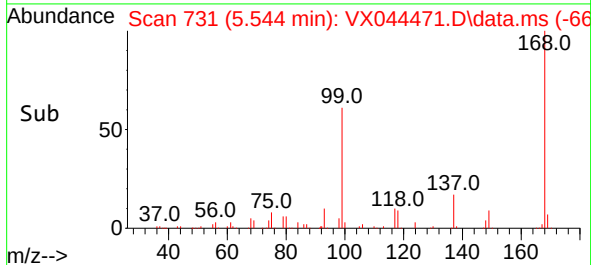
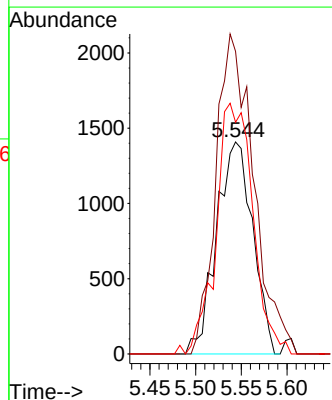
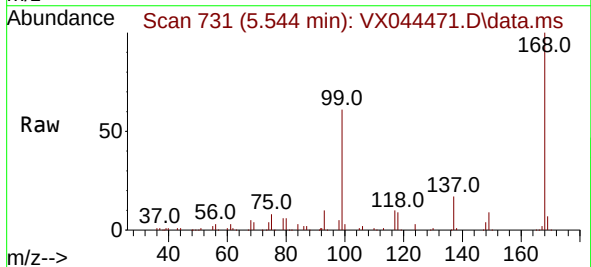
Instrument :
MSVOA_X
ClientSampleId :
DUP-05-20241217

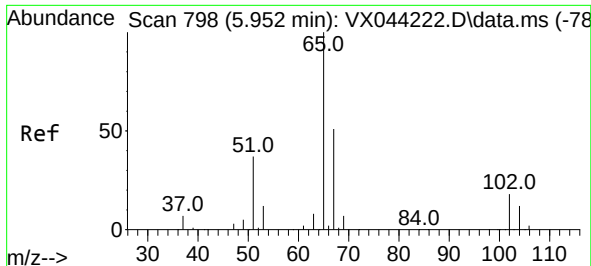
Tgt Ion: 43 Resp: 383
Ion Ratio Lower Upper
43 100
58 0.0 21.6 32.4#



#31
Cyclohexane
Concen: 1.246 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX044471.D
Acq: 23 Dec 2024 11:50

Tgt Ion: 56 Resp: 3894
Ion Ratio Lower Upper
56 100
69 142.8 24.7 37.1#
84 105.3 71.0 106.6





#33

1,2-Dichloroethane-d4

Concen: 39.740 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX044471.D

Acq: 23 Dec 2024 11:50

Instrument :

MSVOA_X

ClientSampleId :

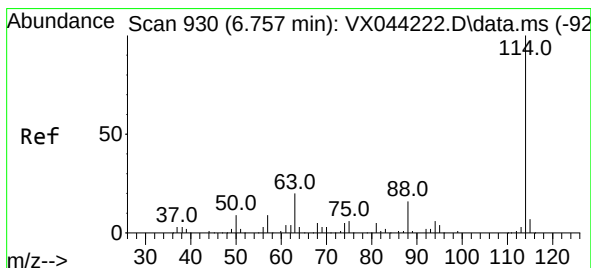
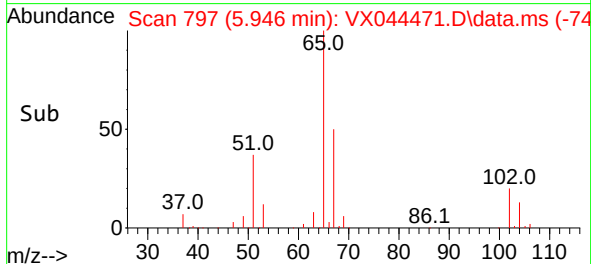
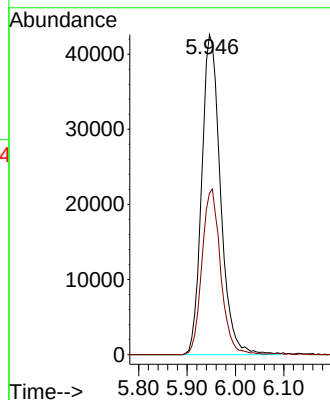
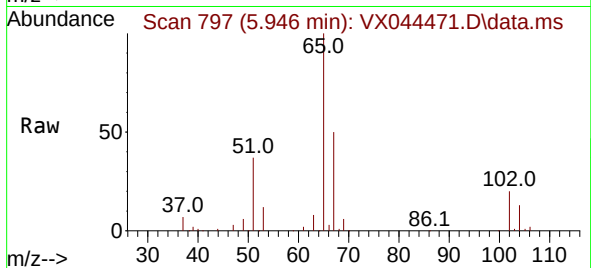
DUP-05-20241217

Tgt Ion: 65 Resp: 115024

Ion Ratio Lower Upper

65 100

67 51.5 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX044471.D

Acq: 23 Dec 2024 11:50

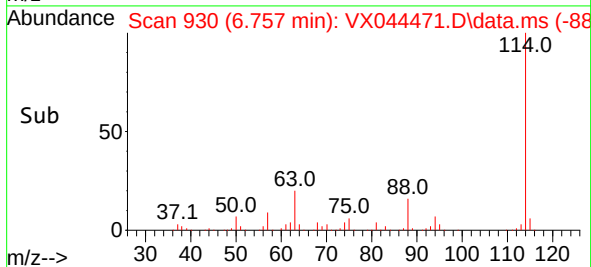
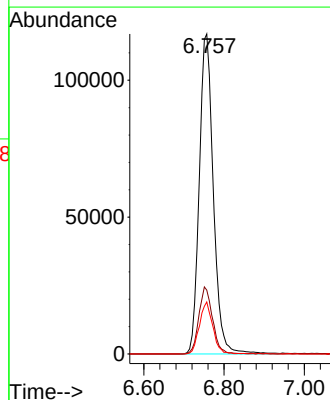
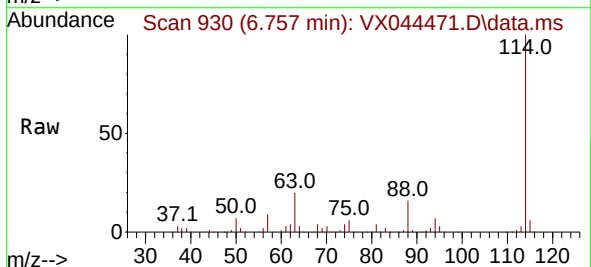
Tgt Ion: 114 Resp: 285250

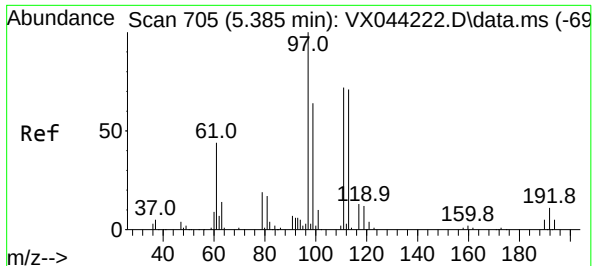
Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.6

88 16.2 0.0 31.8

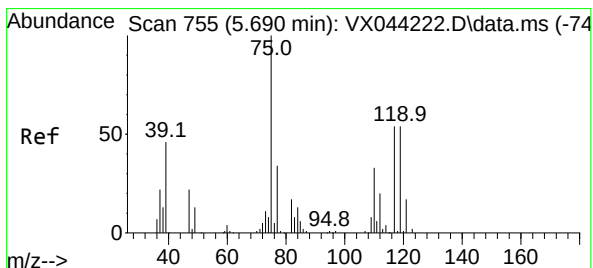
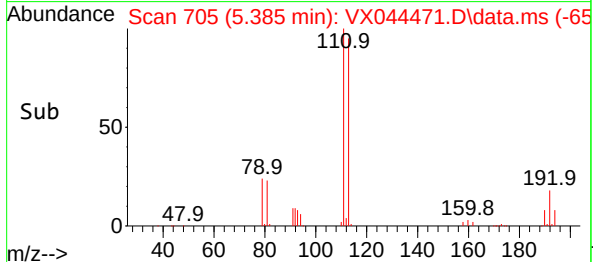
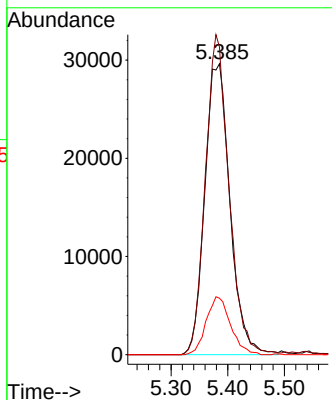
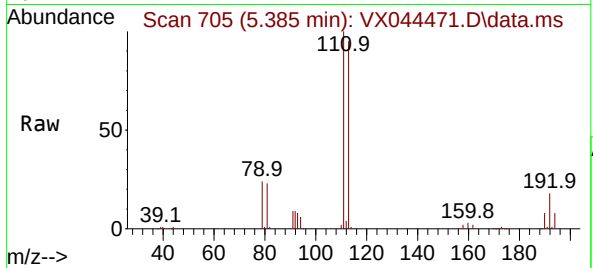




#35
Dibromofluoromethane
Concen: 46.406 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX044471.D
Acq: 23 Dec 2024 11:50

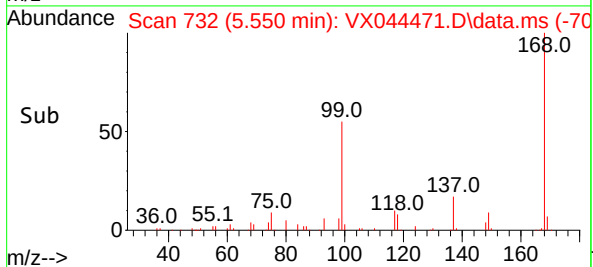
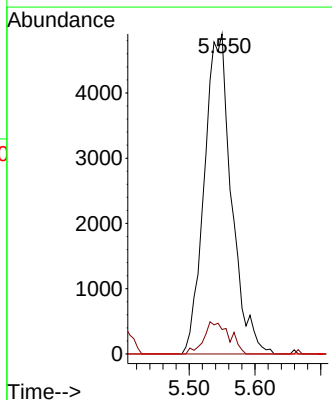
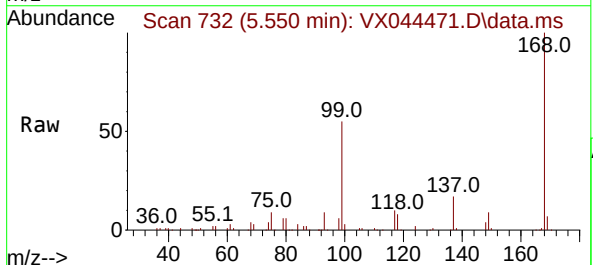
Instrument :
MSVOA_X
ClientSampleId :
DUP-05-20241217

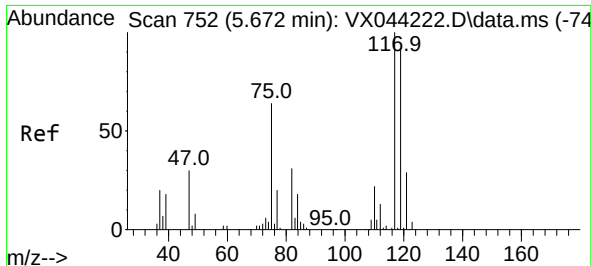
Tgt Ion:113 Resp: 91681
Ion Ratio Lower Upper
113 100
111 102.7 80.4 120.6
192 19.1 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.504 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX044471.D
Acq: 23 Dec 2024 11:50

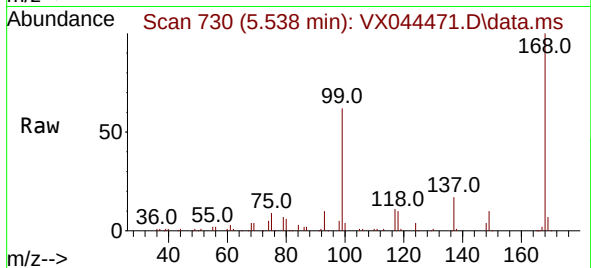
Tgt Ion: 75 Resp: 14055
Ion Ratio Lower Upper
75 100
110 9.4 17.3 51.7#
77 0.0 25.4 38.0#



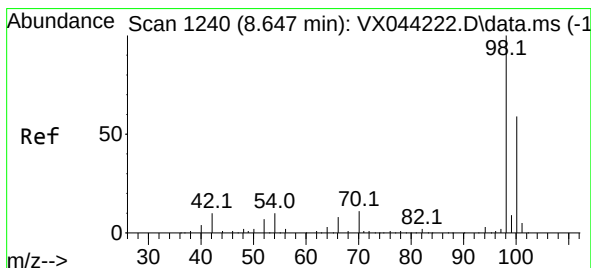
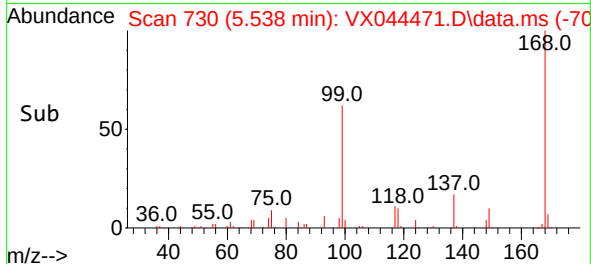
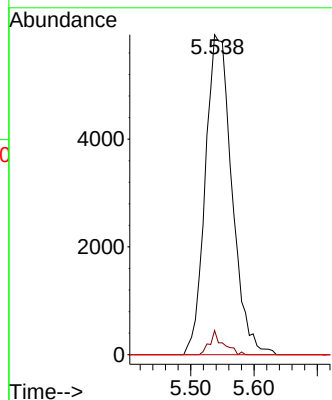


#38
Carbon Tetrachloride
Concen: 6.304 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX044471.D
Acq: 23 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
DUP-05-20241217

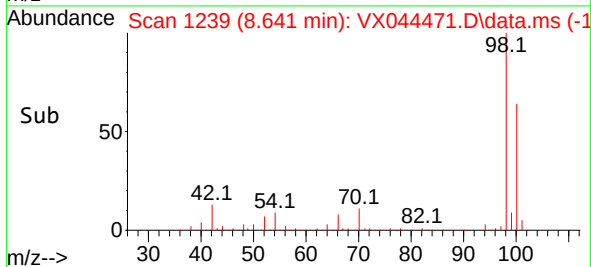
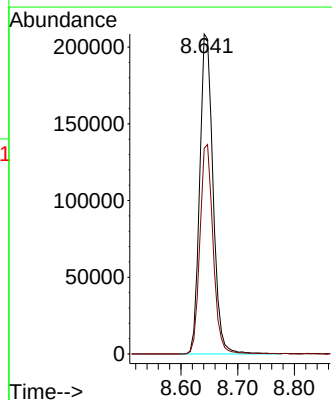
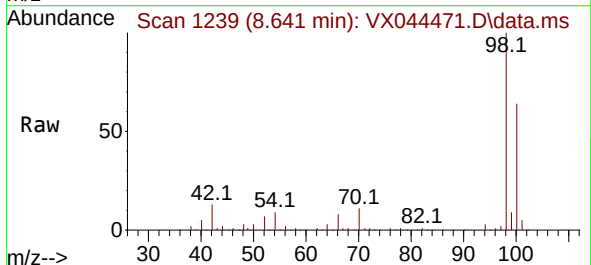


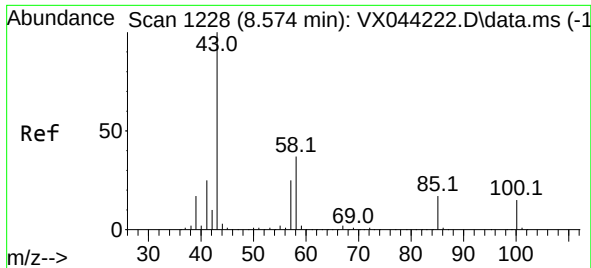
Tgt Ion:117 Resp: 17331
Ion Ratio Lower Upper
117 100
119 7.6 74.2 111.4#
121 0.0 23.0 34.6#



#50
Toluene-d8
Concen: 50.988 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VX044471.D
Acq: 23 Dec 2024 11:50

Tgt Ion: 98 Resp: 339844
Ion Ratio Lower Upper
98 100
100 64.9 51.5 77.3

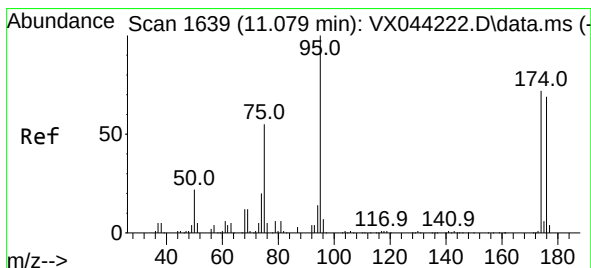
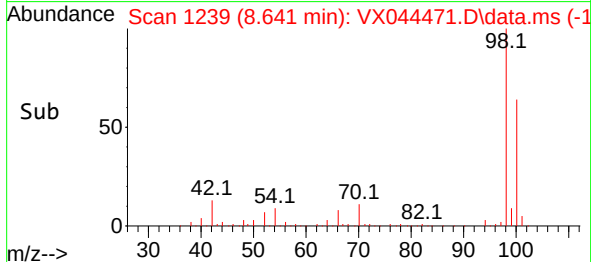
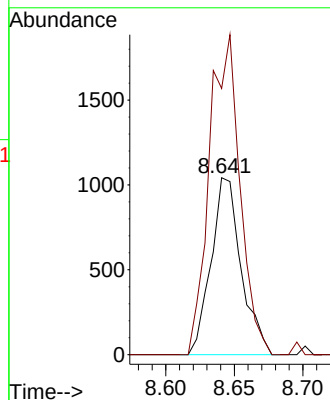
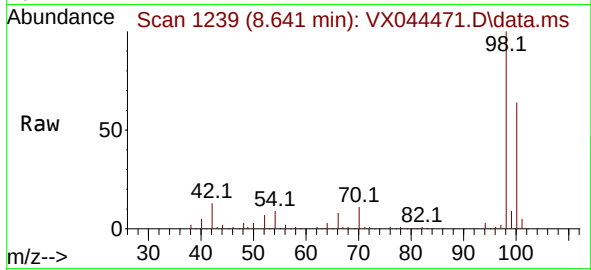




#51
4-Methyl-2-Pentanone
Concen: 0.502 ug/l
RT: 8.641 min Scan# 1228
Delta R.T. 0.067 min
Lab File: VX044471.D
Acq: 23 Dec 2024 11:50

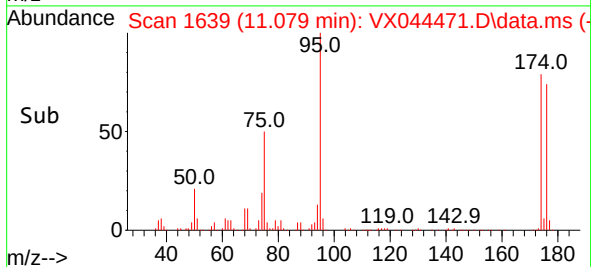
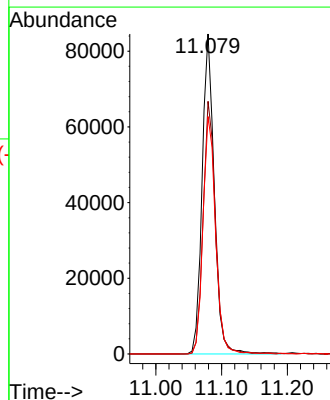
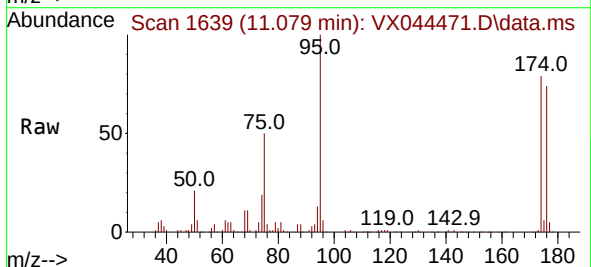
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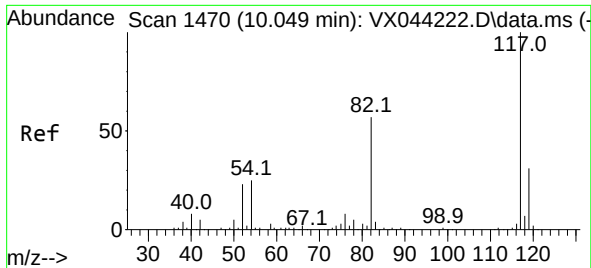
Tgt Ion: 43 Resp: 1591
Ion Ratio Lower Upper
43 100
58 184.4 29.4 44.0#



#62
4-Bromofluorobenzene
Concen: 46.529 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044471.D
Acq: 23 Dec 2024 11:50

Tgt Ion: 95 Resp: 108365
Ion Ratio Lower Upper
95 100
174 80.6 0.0 145.8
176 77.1 0.0 137.8

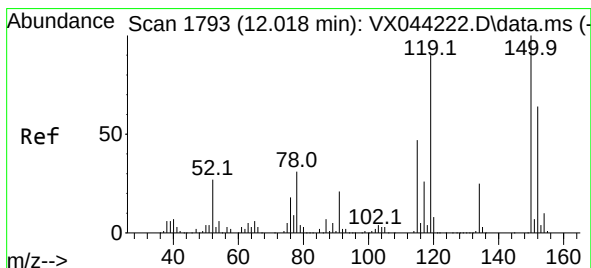
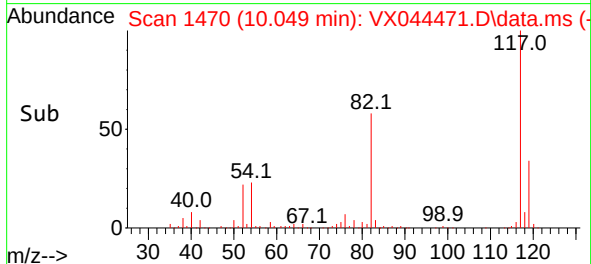
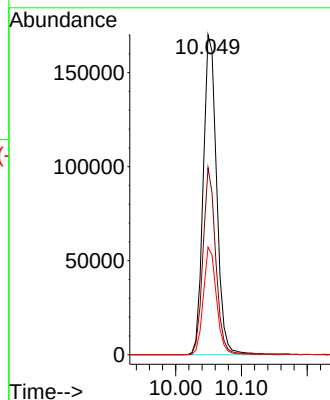
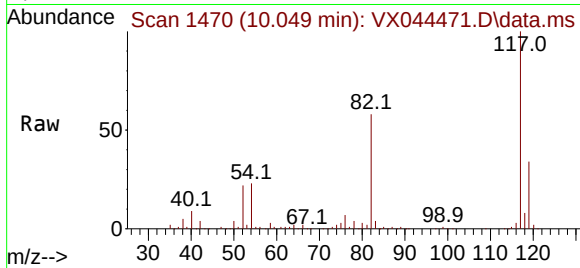




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX044471.D
Acq: 23 Dec 2024 11:50

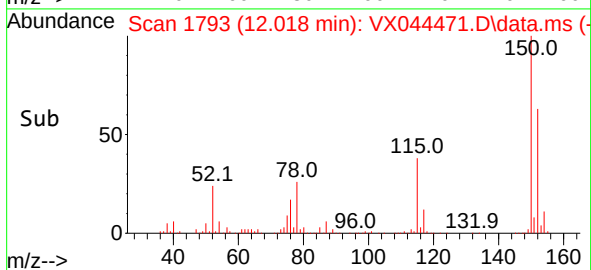
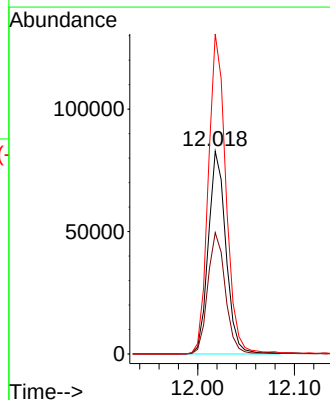
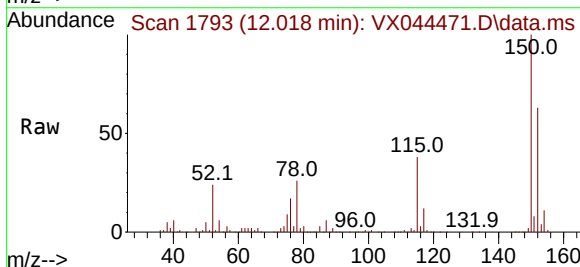
Instrument :
MSVOA_X
ClientSampleId :
DUP-05-20241217

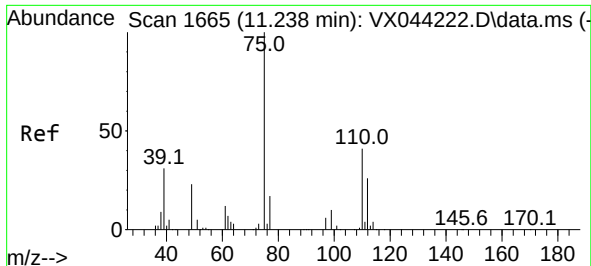
Tgt Ion:117 Resp: 241914
Ion Ratio Lower Upper
117 100
82 58.4 45.8 68.8
119 33.6 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX044471.D
Acq: 23 Dec 2024 11:50

Tgt Ion:152 Resp: 104920
Ion Ratio Lower Upper
152 100
115 59.9 44.5 133.3
150 158.4 0.0 353.8

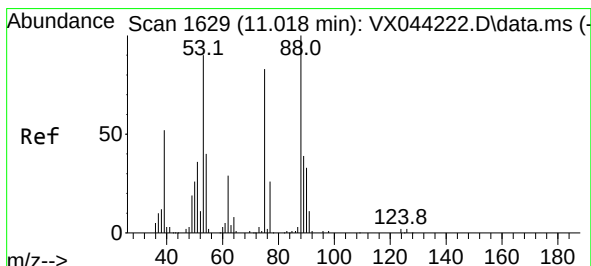
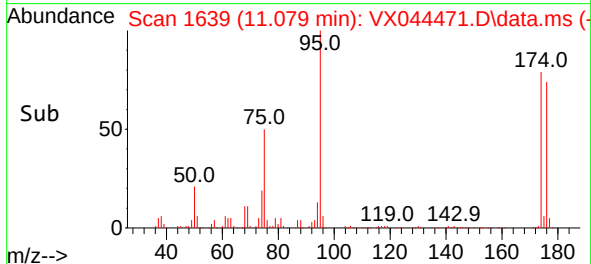
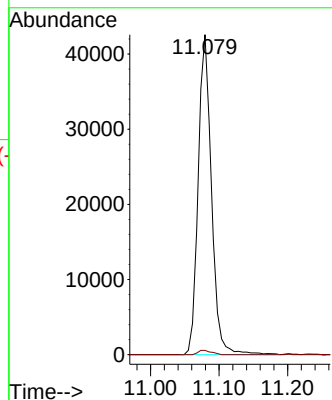
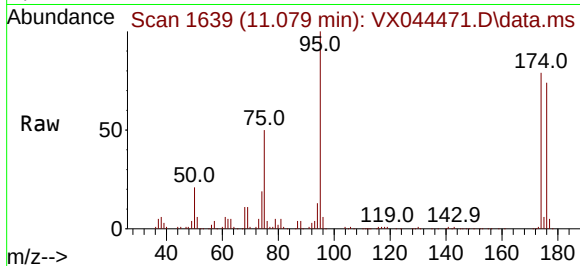




#76
1,2,3-Trichloropropane
Concen: 24.608 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044471.D
Acq: 23 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
DUP-05-20241217

Tgt Ion: 75 Resp: 57648
Ion Ratio Lower Upper
75 100
77 1.4 20.9 62.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.227 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044471.D
Acq: 23 Dec 2024 11:50

Tgt Ion: 75 Resp: 57648
Ion Ratio Lower Upper
75 100
53 0.1 93.6 140.4#
89 0.1 37.3 55.9#

