

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
 Data File : VX044488.D
 Acq On : 23 Dec 2024 18:17
 Operator : JC/MD
 Sample : P5317-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-05-20241217

Quant Time: Dec 23 22:14:56 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)

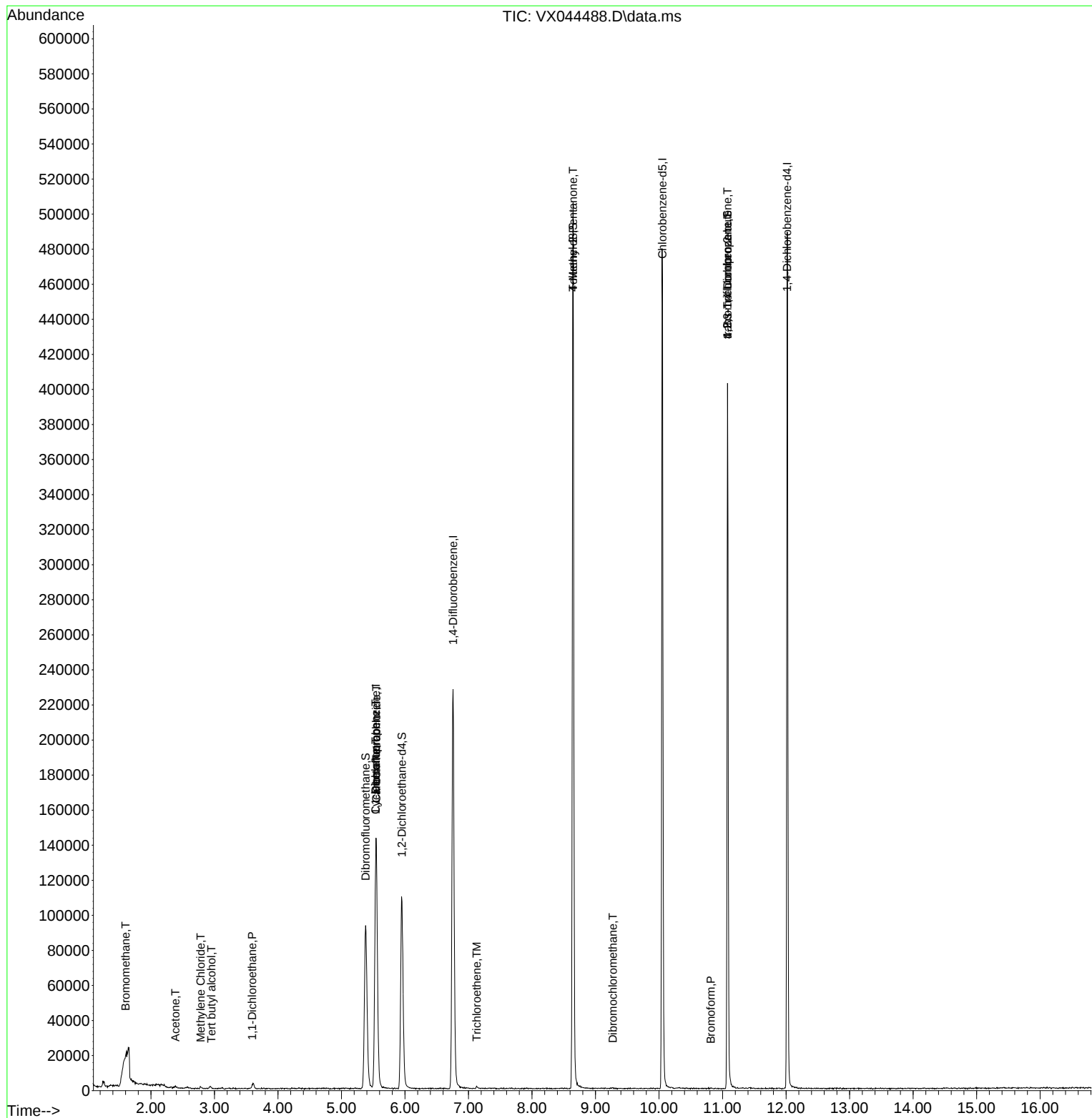
Internal Standards						
1) Pentafluorobenzene	5.544	168	132450	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	232737	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	211937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	95898	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	104226	44.881	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	89.760%	
35) Dibromofluoromethane	5.379	113	79952	49.601	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	99.200%	
50) Toluene-d8	8.647	98	302195	55.570	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	111.140%	
62) 4-Bromofluorobenzene	11.079	95	100909	53.104	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	106.200%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	496	0.343	ug/l #	80
11) Tert butyl alcohol	2.953	59	338	1.033	ug/l #	71
16) Acetone	2.386	43	836	0.883	ug/l #	27
20) Methylene Chloride	2.782	84	438	0.246	ug/l #	52
24) 1,1-Dichloroethane	3.593	63	3842	1.238	ug/l	94
31) Cyclohexane	5.537	56	3391	1.353	ug/l #	38
36) 1,1-Dichloropropene	5.537	75	10605	5.090	ug/l #	51
38) Carbon Tetrachloride	5.550	117	13831	6.166	ug/l #	16
44) Trichloroethene	7.129	130	510	0.323	ug/l	97
51) 4-Methyl-2-Pentanone	8.647	43	1655	0.639	ug/l #	1
60) Dibromochloromethane	9.275	129	47	1.260	ug/l #	11
71) Bromoform	10.817	173	61	1.295	ug/l #	29
76) 1,2,3-Trichloropropane	11.079	75	52859	24.687	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	52859	68.426	ug/l #	4

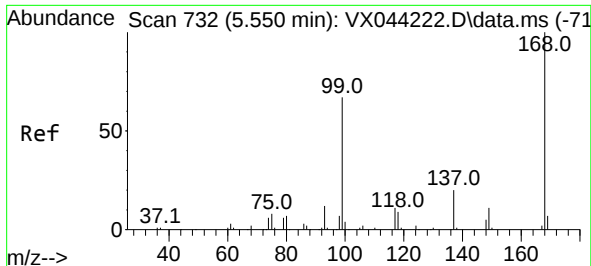
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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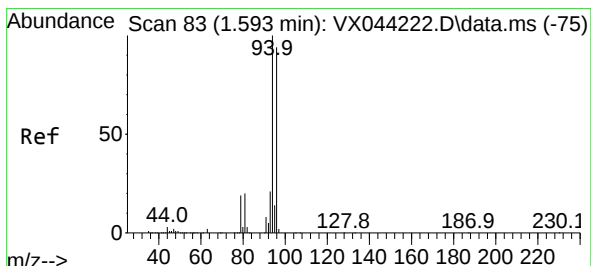
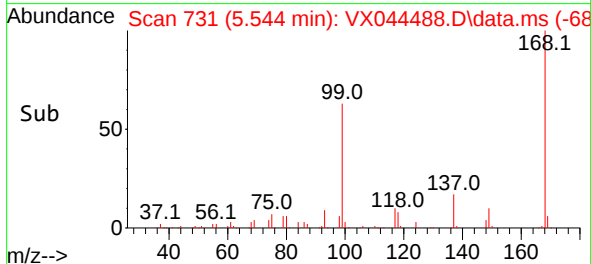
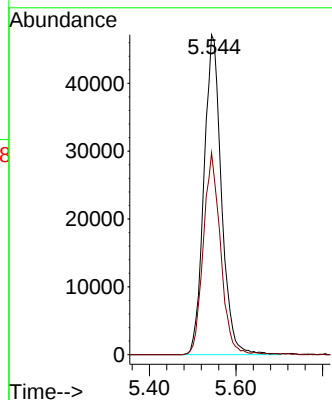
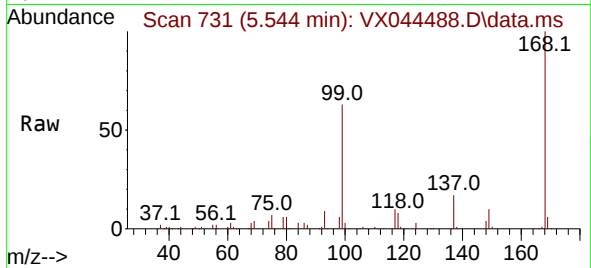




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX044488.D
Acq: 23 Dec 2024 18:17

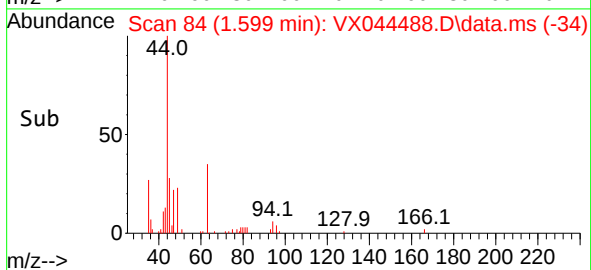
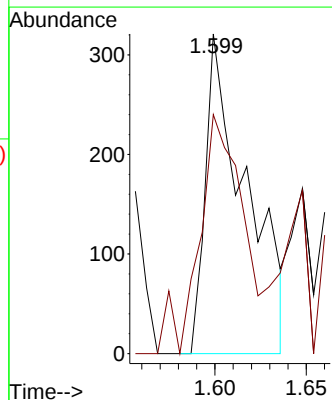
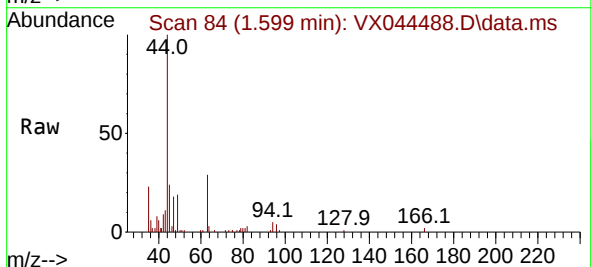
Instrument :
MSVOA_X
ClientSampleId :
DUP-05-20241217

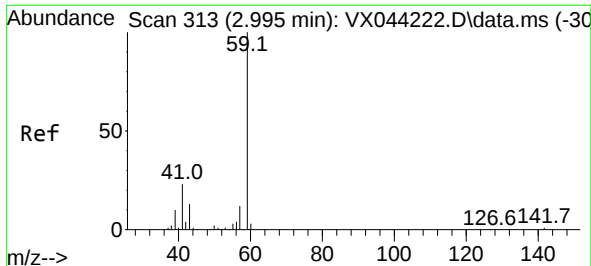
Tgt Ion:168 Resp: 132450
Ion Ratio Lower Upper
168 100
99 63.1 53.4 80.0



#5
Bromomethane
Concen: 0.343 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX044488.D
Acq: 23 Dec 2024 18:17

Tgt Ion: 94 Resp: 496
Ion Ratio Lower Upper
94 100
96 74.8 74.9 112.3#

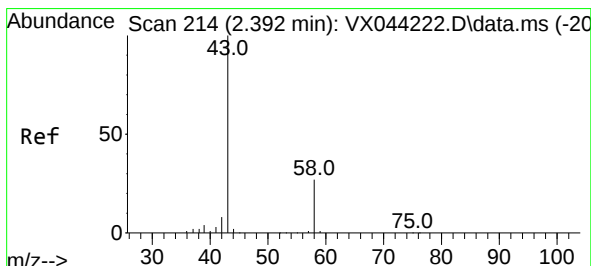
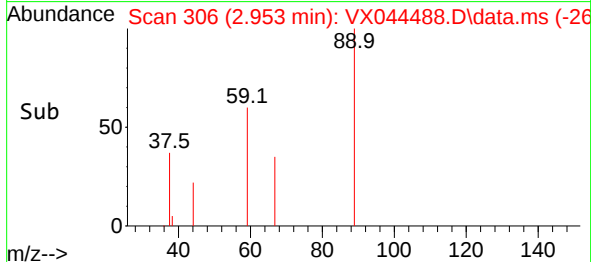
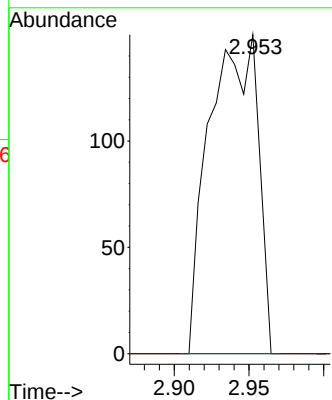
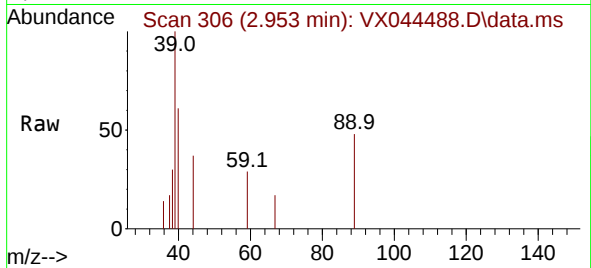




#11
Tert butyl alcohol
Concen: 1.033 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.043 min
Lab File: VX044488.D
Acq: 23 Dec 2024 18:17

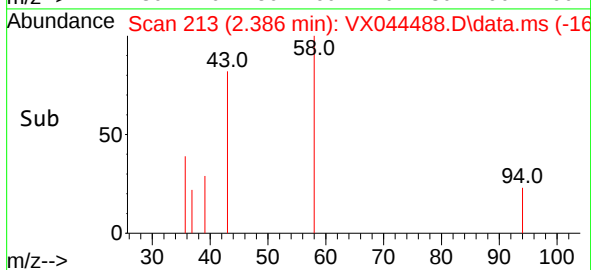
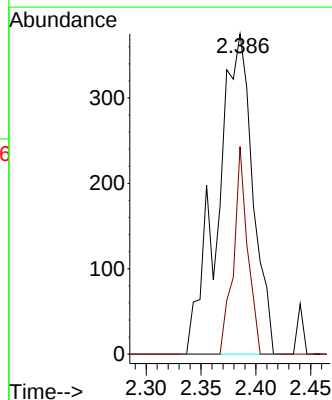
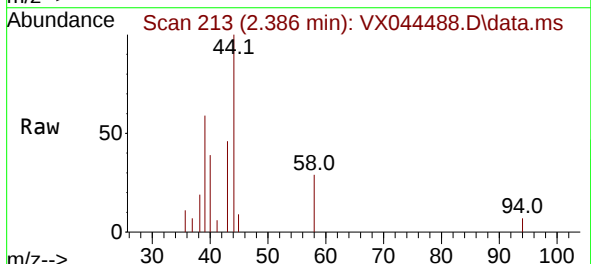
Instrument :
MSVOA_X
ClientSampleId :
DUP-05-20241217

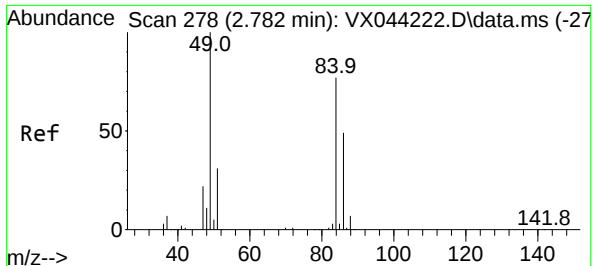
Tgt Ion: 59 Resp: 338
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#



#16
Acetone
Concen: 0.883 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX044488.D
Acq: 23 Dec 2024 18:17

Tgt Ion: 43 Resp: 836
Ion Ratio Lower Upper
43 100
58 64.8 21.6 32.4#

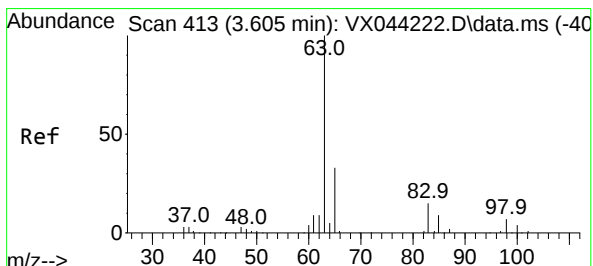
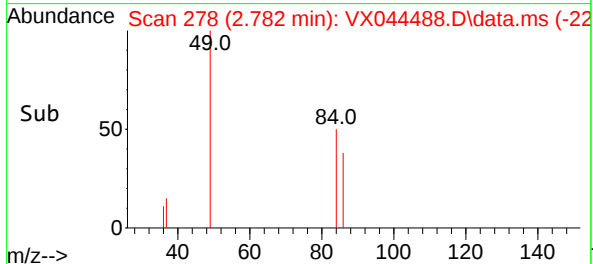
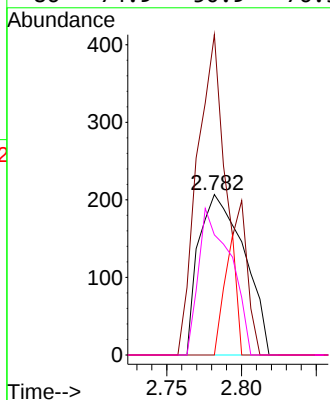
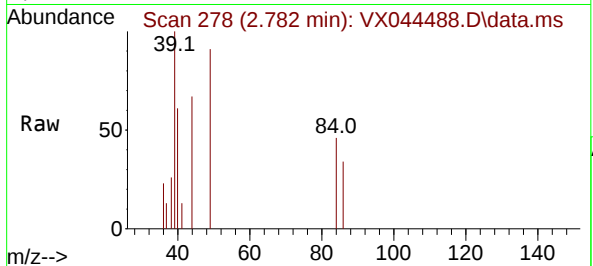




#20
Methylene Chloride
Concen: 0.246 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX044488.D
Acq: 23 Dec 2024 18:17

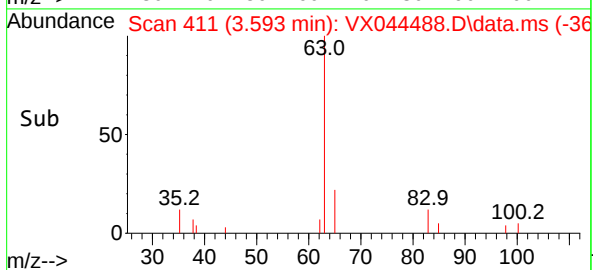
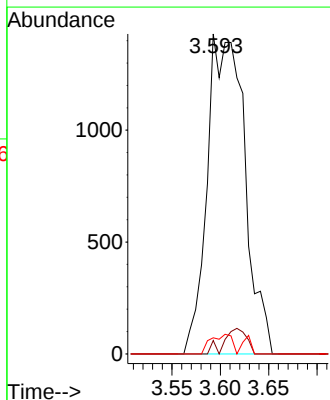
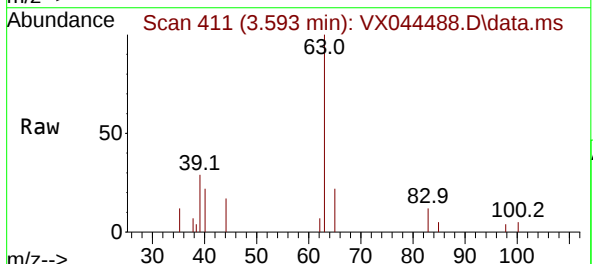
Instrument :
MSVOA_X
ClientSampleId :
DUP-05-20241217

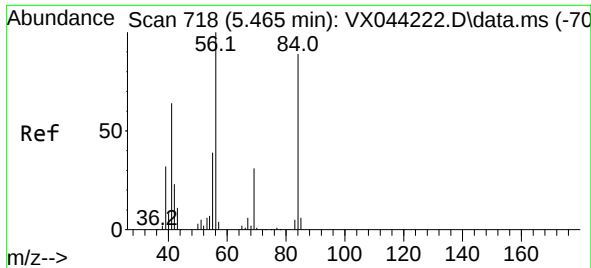
Tgt Ion:	84	Resp:	438
Ion	Ratio	Lower	Upper
84	100		
49	199.5	104.2	156.4#
51	0.0	32.2	48.4#
86	74.9	50.9	76.3



#24
1,1-Dichloroethane
Concen: 1.238 ug/l
RT: 3.593 min Scan# 411
Delta R.T. -0.012 min
Lab File: VX044488.D
Acq: 23 Dec 2024 18:17

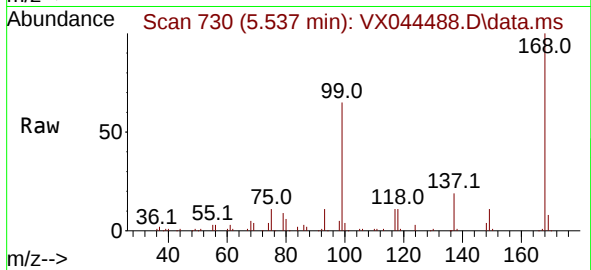
Tgt Ion:	63	Resp:	3842
Ion	Ratio	Lower	Upper
63	100		
98	4.2	3.6	10.8
100	5.0	2.1	6.3



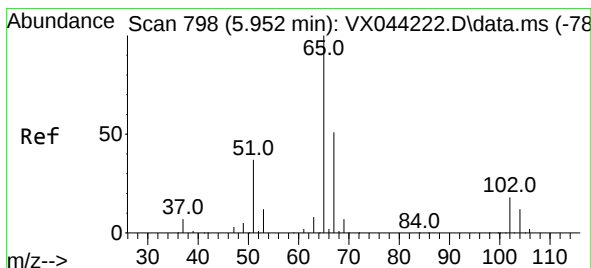
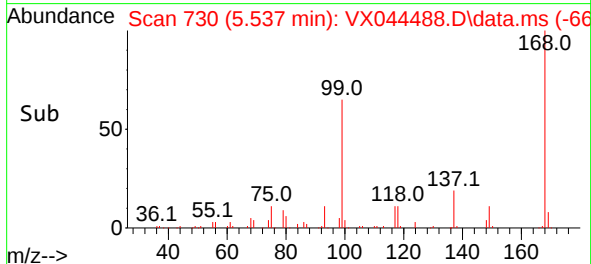
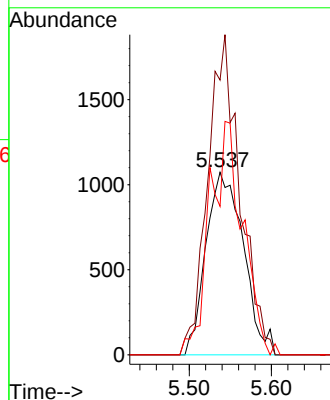


#31
Cyclohexane
Concen: 1.353 ug/l
RT: 5.537 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX044488.D
Acq: 23 Dec 2024 18:17

Instrument :
MSVOA_X
ClientSampleId :
DUP-05-20241217

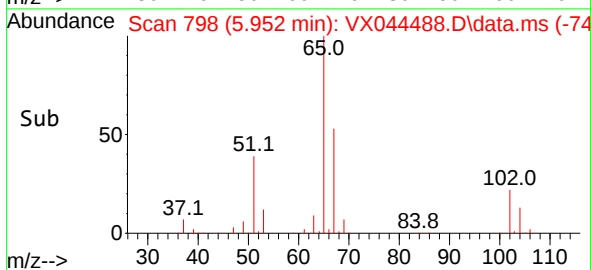
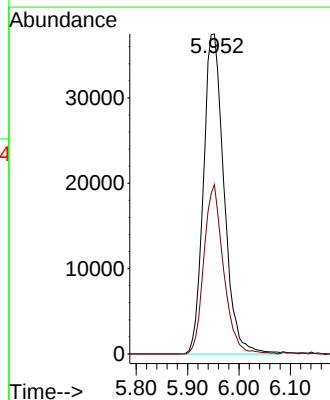
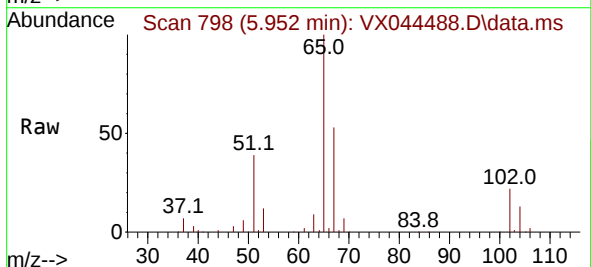


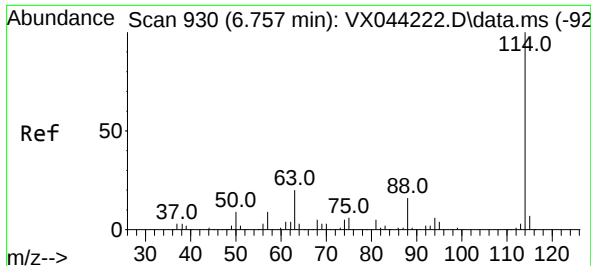
Tgt Ion: 56 Resp: 3391
Ion Ratio Lower Upper
56 100
69 150.5 24.7 37.1#
84 81.4 71.0 106.6



#33
1,2-Dichloroethane-d4
Concen: 44.881 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044488.D
Acq: 23 Dec 2024 18:17

Tgt Ion: 65 Resp: 104226
Ion Ratio Lower Upper
65 100
67 50.6 0.0 101.6

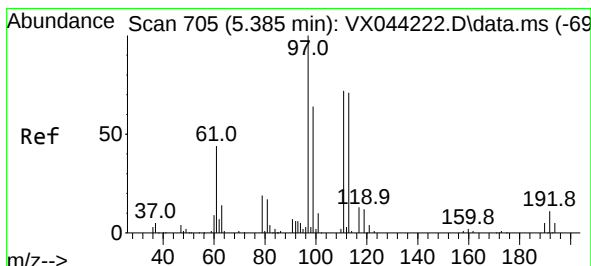
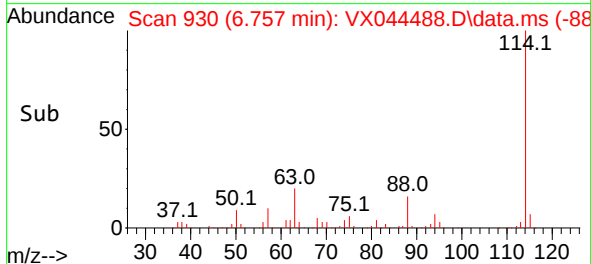
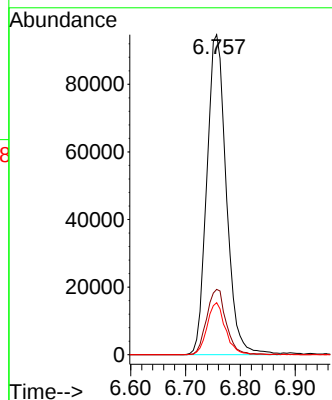
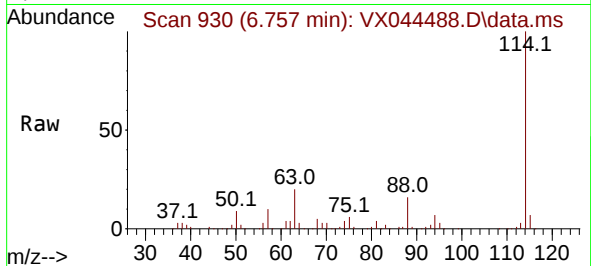




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044488.D
Acq: 23 Dec 2024 18:17

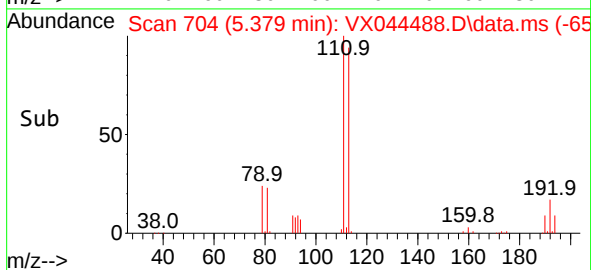
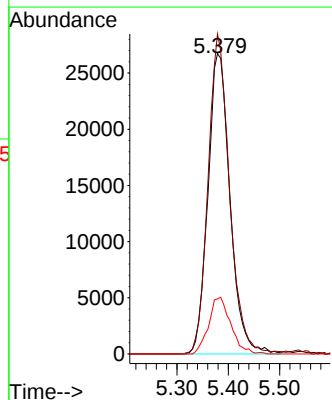
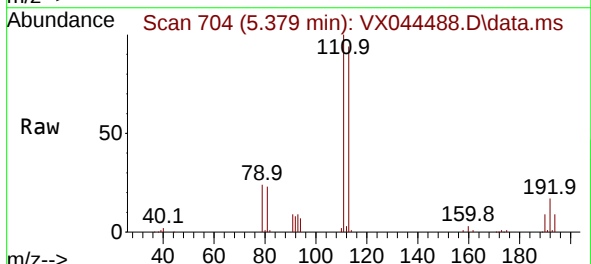
Instrument :
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ClientSampleId :
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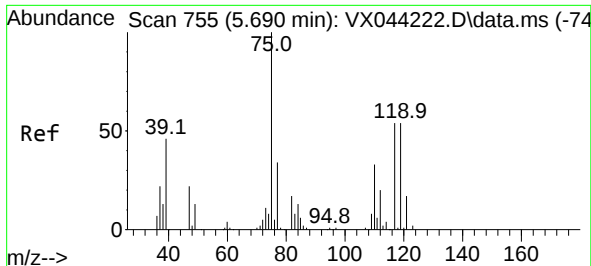
Tgt Ion:114 Resp: 232737
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.6
88 16.3 0.0 31.8



#35
Dibromofluoromethane
Concen: 49.601 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX044488.D
Acq: 23 Dec 2024 18:17

Tgt Ion:113 Resp: 79952
Ion Ratio Lower Upper
113 100
111 103.0 80.4 120.6
192 18.9 13.3 19.9





#36

1,1-Dichloropropene

Concen: 5.090 ug/l

RT: 5.537 min Scan# 71

Delta R.T. -0.153 min

Lab File: VX044488.D

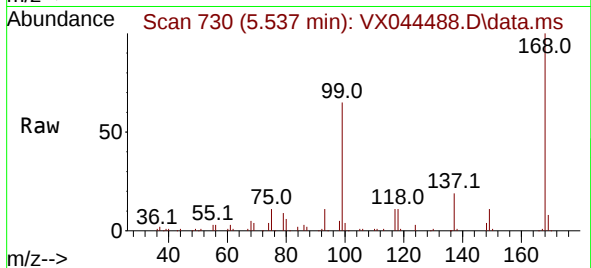
Acq: 23 Dec 2024 18:17

Instrument :

MSVOA_X

ClientSampleId :

DUP-05-20241217



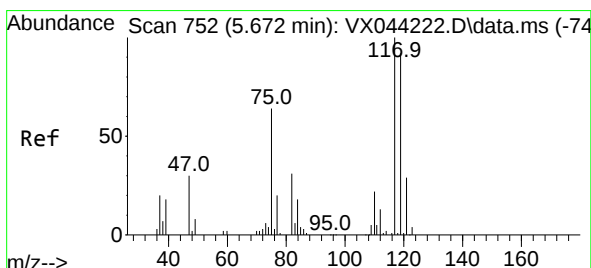
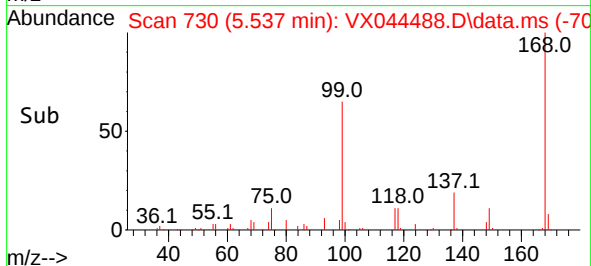
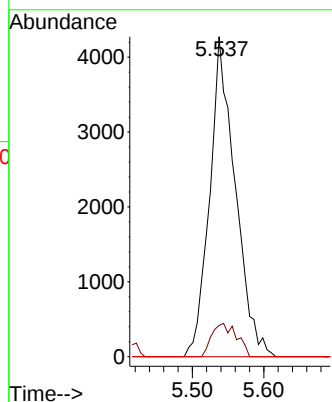
Tgt Ion: 75 Resp: 10605

Ion Ratio Lower Upper

75 100

110 10.2 17.3 51.7#

77 0.0 25.4 38.0#



#38

Carbon Tetrachloride

Concen: 6.166 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.122 min

Lab File: VX044488.D

Acq: 23 Dec 2024 18:17

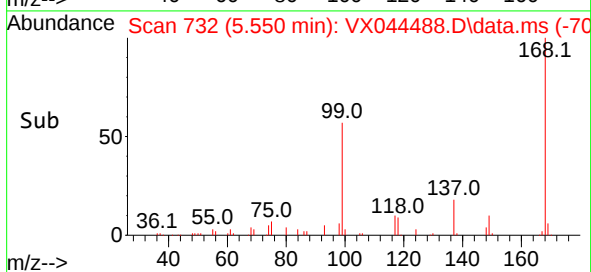
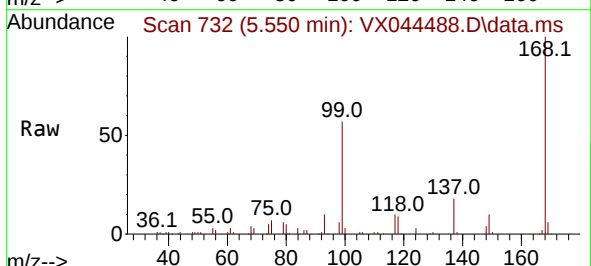
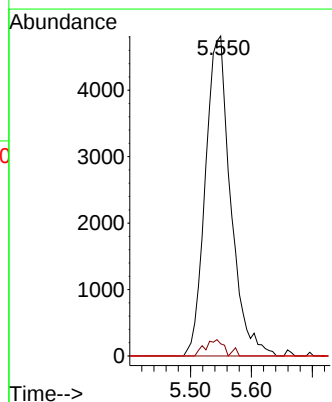
Tgt Ion: 117 Resp: 13831

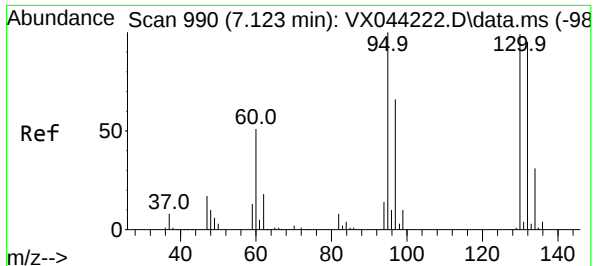
Ion Ratio Lower Upper

117 100

119 3.8 74.2 111.4#

121 0.0 23.0 34.6#

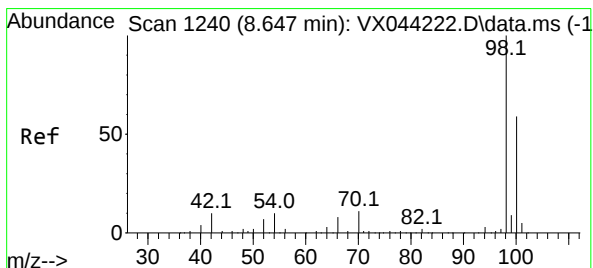
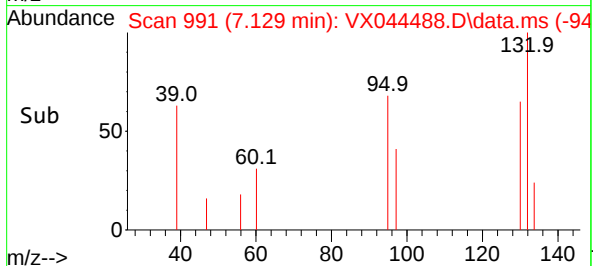
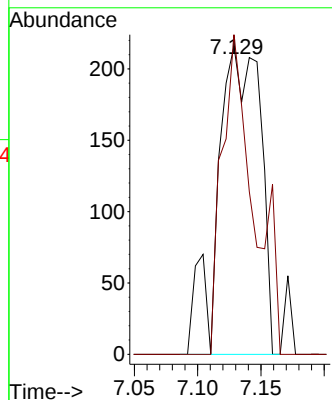
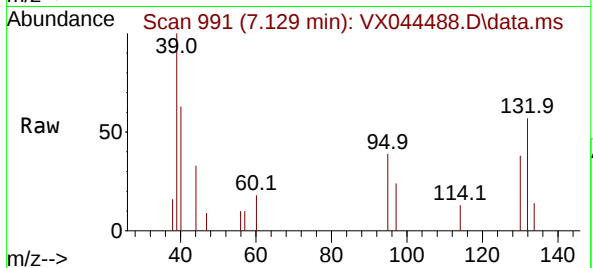




#44
Trichloroethene
Concen: 0.323 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX044488.D
Acq: 23 Dec 2024 18:17

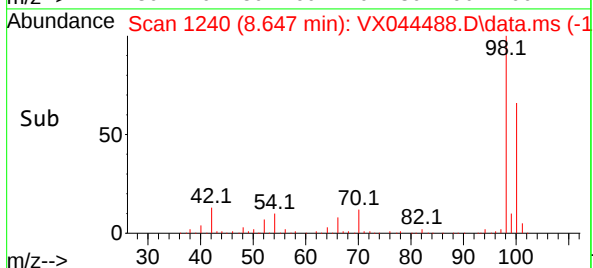
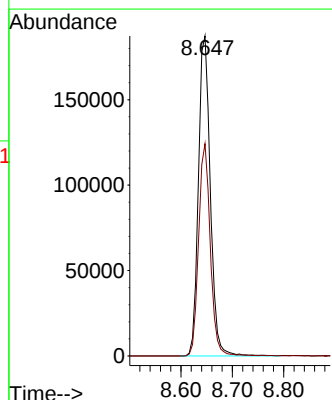
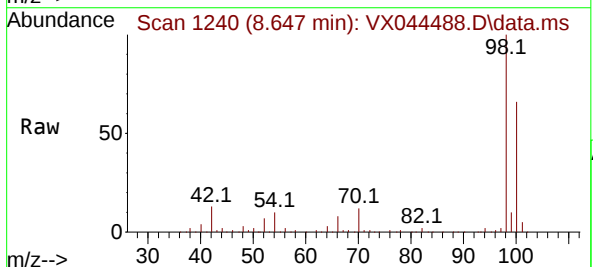
Instrument :
MSVOA_X
ClientSampleId :
DUP-05-20241217

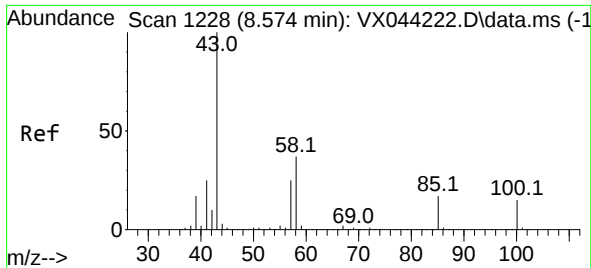
Tgt Ion:130 Resp: 510
Ion Ratio Lower Upper
130 100
95 103.7 0.0 201.4



#50
Toluene-d8
Concen: 55.570 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044488.D
Acq: 23 Dec 2024 18:17

Tgt Ion: 98 Resp: 302195
Ion Ratio Lower Upper
98 100
100 65.0 51.5 77.3

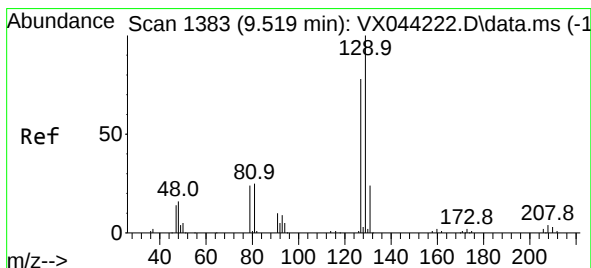
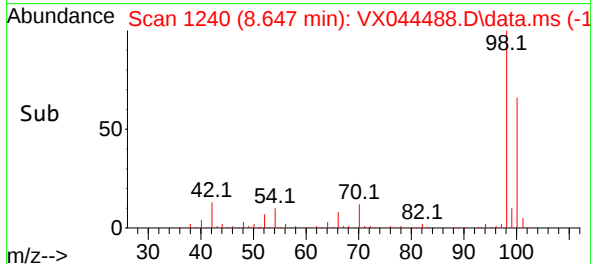
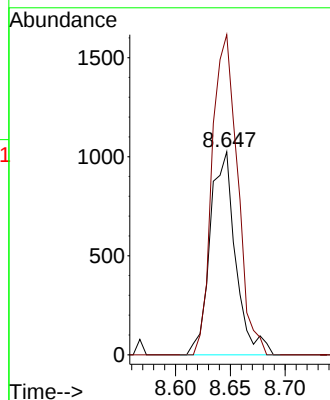
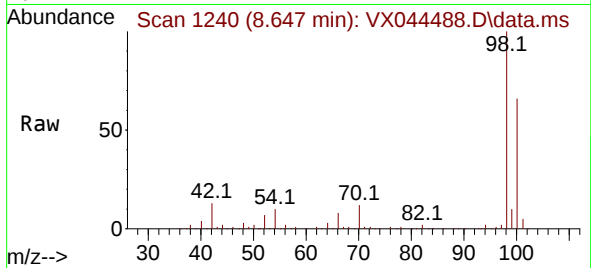




#51
4-Methyl-2-Pentanone
Concen: 0.639 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX044488.D
Acq: 23 Dec 2024 18:17

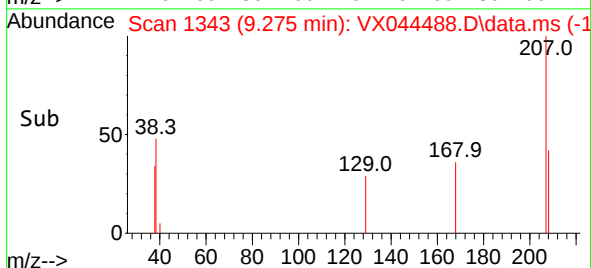
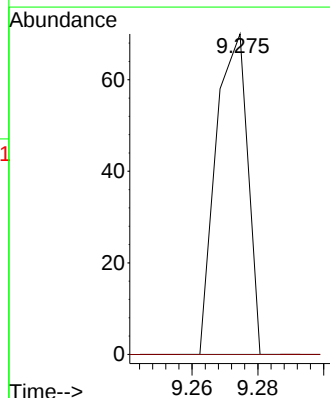
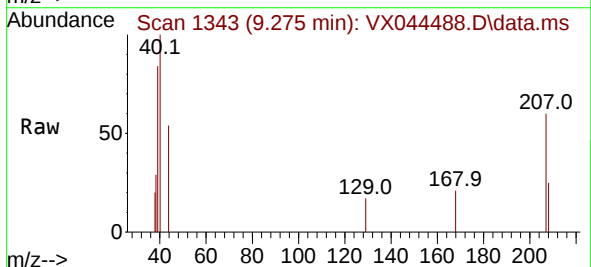
Instrument :
MSVOA_X
ClientSampleId :
DUP-05-20241217

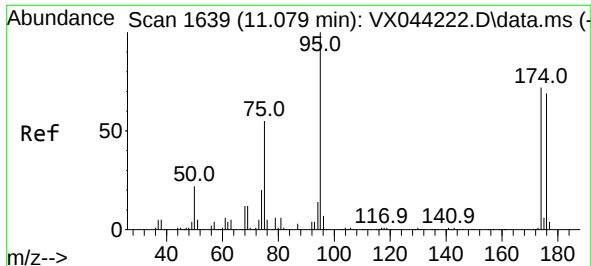
Tgt Ion: 43 Resp: 1655
Ion Ratio Lower Upper
43 100
58 157.4 29.4 44.0#



#60
Dibromochloromethane
Concen: 1.260 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX044488.D
Acq: 23 Dec 2024 18:17

Tgt Ion: 129 Resp: 47
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#

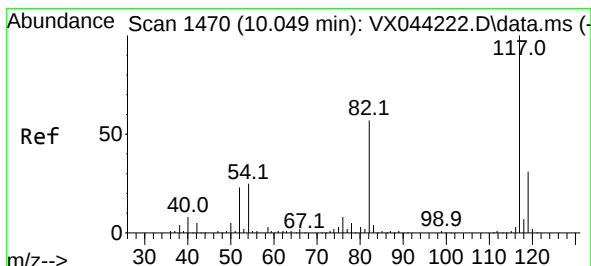
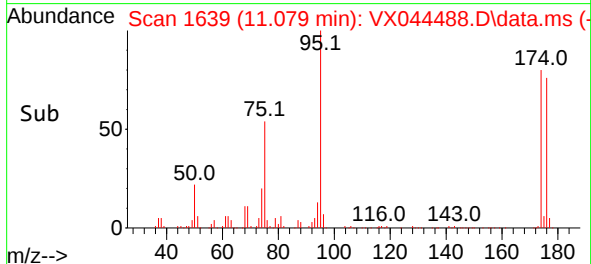
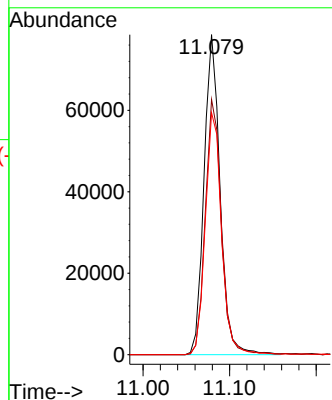
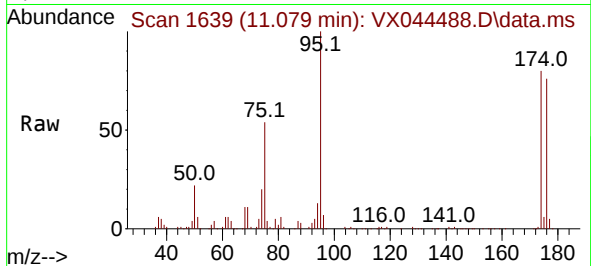




#62
4-Bromofluorobenzene
Concen: 53.104 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044488.D
Acq: 23 Dec 2024 18:17

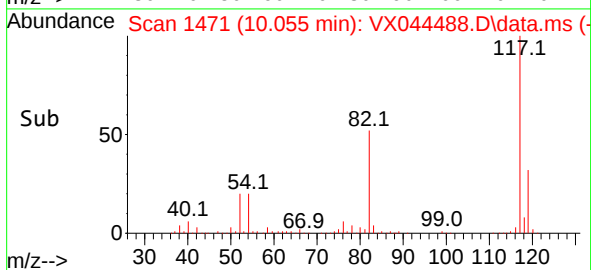
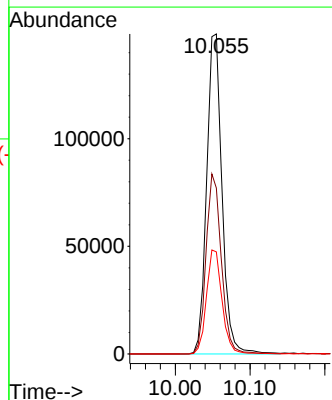
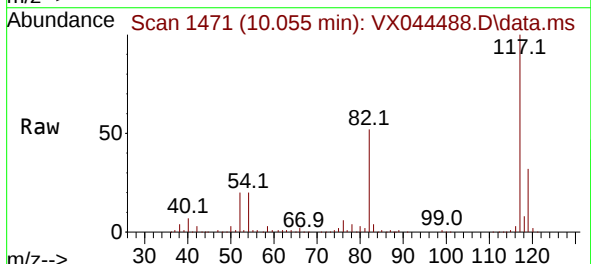
Instrument :
MSVOA_X
ClientSampleId :
DUP-05-20241217

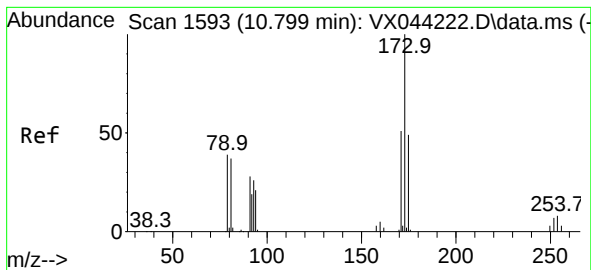
Tgt Ion: 95 Resp: 100909
Ion Ratio Lower Upper
95 100
174 80.7 0.0 145.8
176 77.5 0.0 137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044488.D
Acq: 23 Dec 2024 18:17

Tgt Ion: 117 Resp: 211937
Ion Ratio Lower Upper
117 100
82 51.9 45.8 68.8
119 31.9 25.0 37.4





#71

Bromoform

Concen: 1.295 ug/l

RT: 10.817 min Scan# 1

Delta R.T. 0.018 min

Lab File: VX044488.D

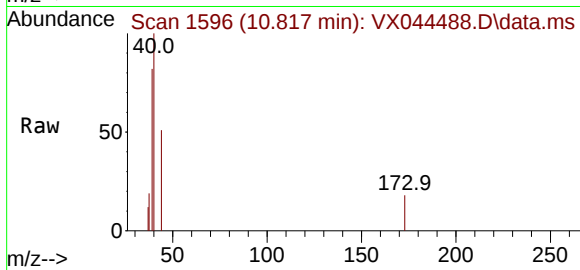
Acq: 23 Dec 2024 18:17

Instrument :

MSVOA_X

ClientSampleId :

DUP-05-20241217



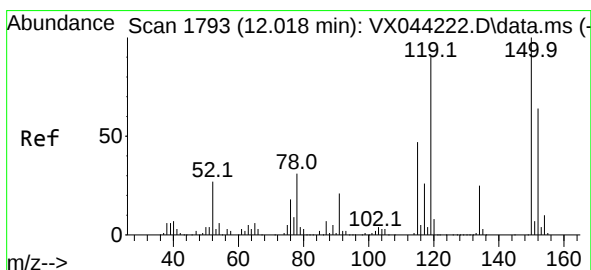
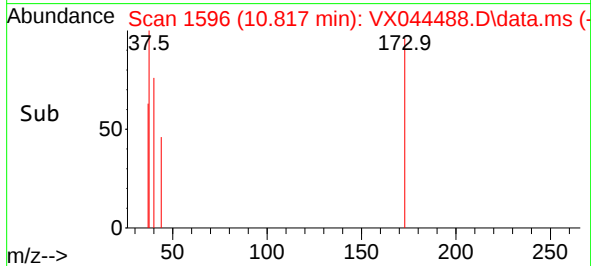
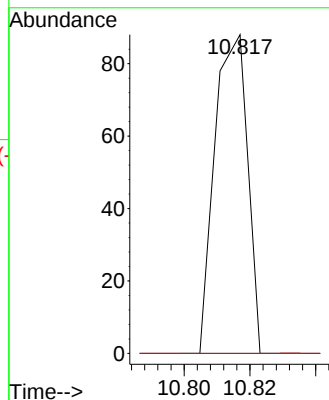
Tgt Ion:173 Resp: 61

Ion Ratio Lower Upper

173 100

175 0.0 23.8 71.4#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX044488.D

Acq: 23 Dec 2024 18:17

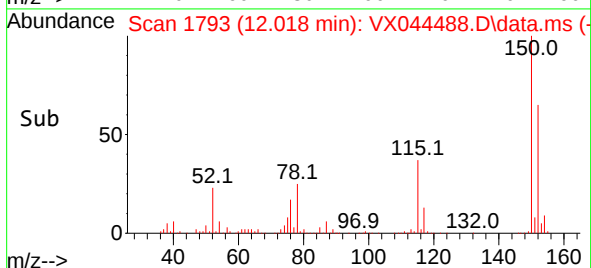
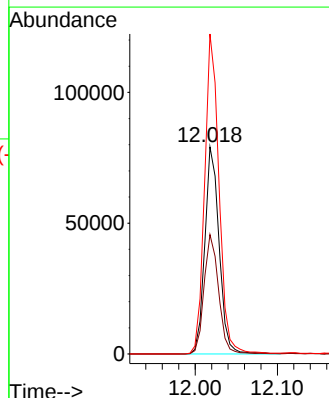
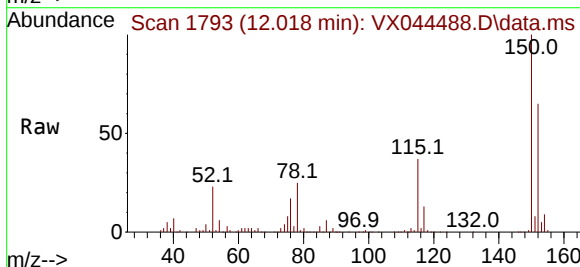
Tgt Ion:152 Resp: 95898

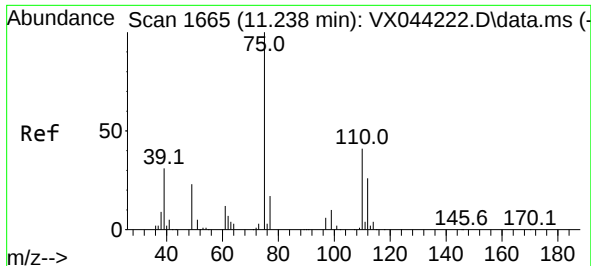
Ion Ratio Lower Upper

152 100

115 58.7 44.5 133.3

150 155.3 0.0 353.8

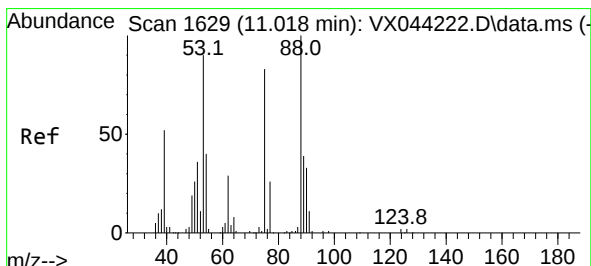
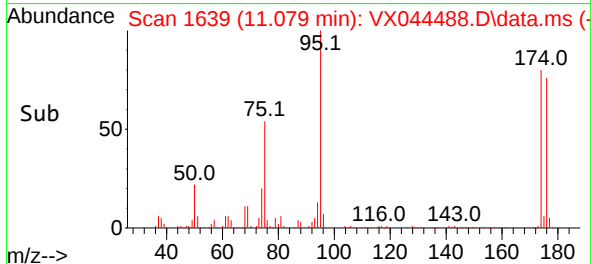
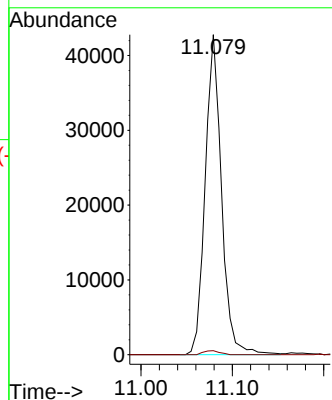
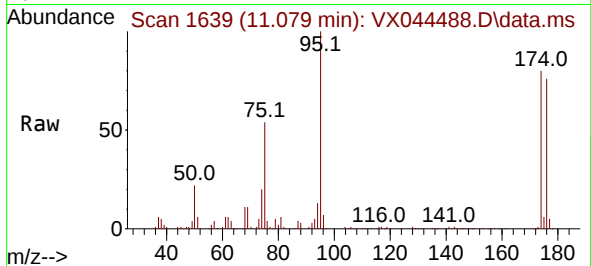




#76
1,2,3-Trichloropropane
Concen: 24.687 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044488.D
Acq: 23 Dec 2024 18:17

Instrument :
MSVOA_X
ClientSampleId :
DUP-05-20241217

Tgt Ion: 75 Resp: 52859
Ion Ratio Lower Upper
75 100
77 1.2 20.9 62.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.426 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044488.D
Acq: 23 Dec 2024 18:17

Tgt Ion: 75 Resp: 52859
Ion Ratio Lower Upper
75 100
53 0.0 93.6 140.4#
89 0.0 37.3 55.9#

