

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121624\
 Data File : VX044320.D
 Acq On : 16 Dec 2024 13:48
 Operator : JC/MD
 Sample : P5261-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-01-20241209

Quant Time: Dec 17 00:49:37 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)

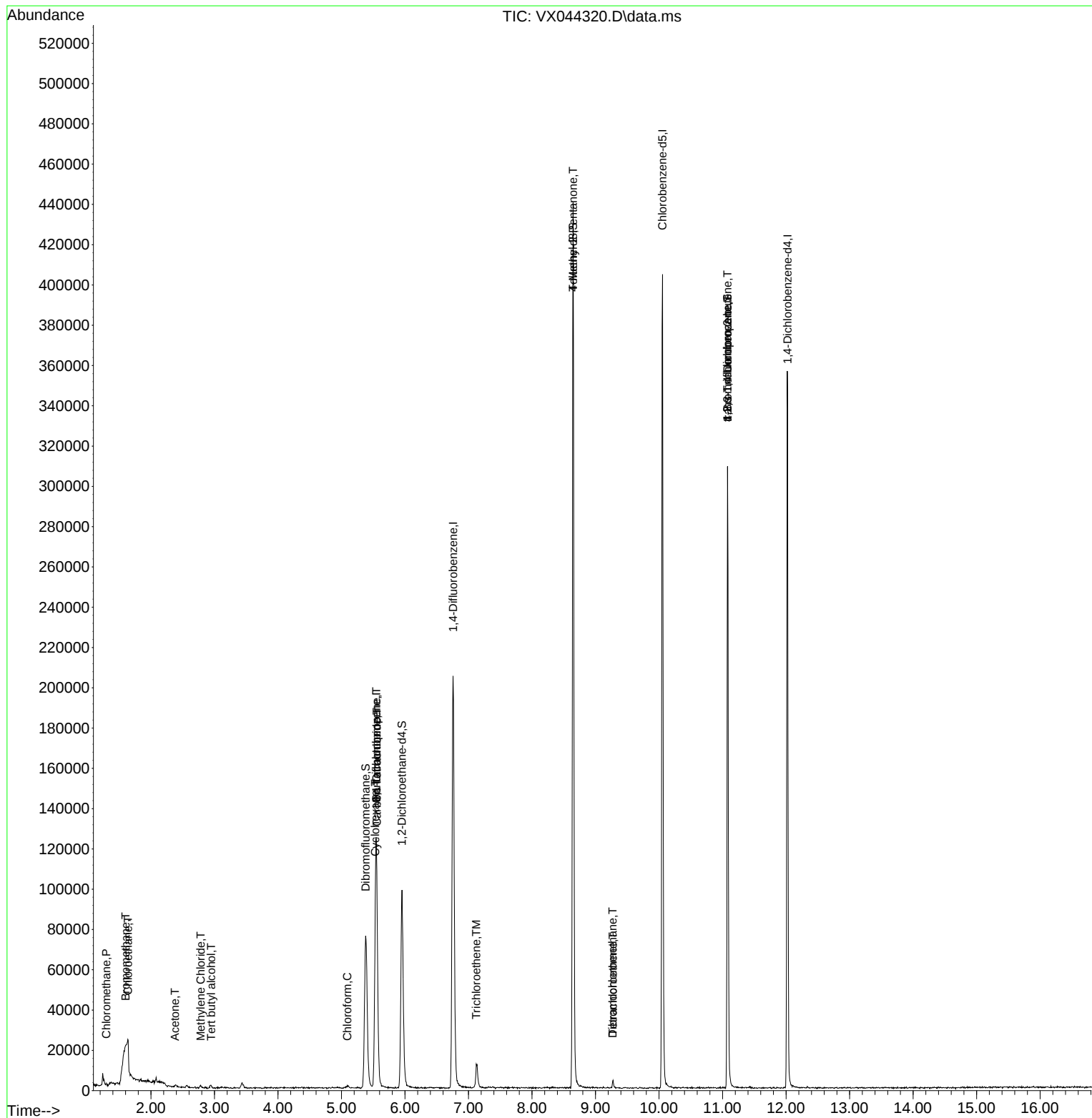
Internal Standards						
1) Pentafluorobenzene	5.550	168	107315	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	202180	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	178520	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69896	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91899	48.841	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.680%		
35) Dibromofluoromethane	5.379	113	66439	47.447	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.900%		
50) Toluene-d8	8.647	98	251140	53.161	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	106.320%		
62) 4-Bromofluorobenzene	11.079	95	80203	48.586	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.180%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	380	0.239	ug/l	96
5) Bromomethane	1.599	94	251	0.214	ug/l #	44
6) Chloroethane	1.636	64	240	0.233	ug/l	99
11) Tert butyl alcohol	2.947	59	250	0.943	ug/l #	71
16) Acetone	2.380	43	740	0.965	ug/l	94
20) Methylene Chloride	2.782	84	465	0.323	ug/l #	77
30) Chloroform	5.093	83	1248	0.442	ug/l	95
31) Cyclohexane	5.532	56	3053	1.503	ug/l #	55
36) 1,1-Dichloropropene	5.550	75	10501	5.801	ug/l #	46
38) Carbon Tetrachloride	5.556	117	12903	6.621	ug/l #	17
44) Trichloroethene	7.123	130	4408	3.216	ug/l	99
51) 4-Methyl-2-Pentanone	8.647	43	1404	0.624	ug/l #	1
60) Dibromochloromethane	9.269	129	485	1.572	ug/l #	11
64) Tetrachloroethene	9.275	164	564	0.476	ug/l #	73
76) 1,2,3-Trichloropropane	11.079	75	44685	28.633	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	44685	78.472	ug/l #	4

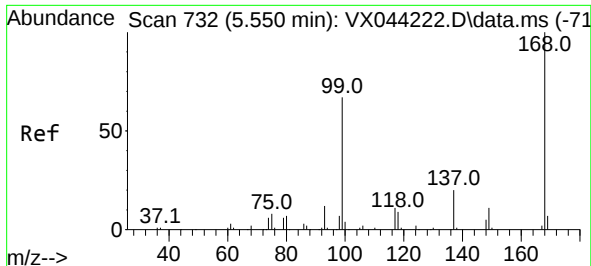
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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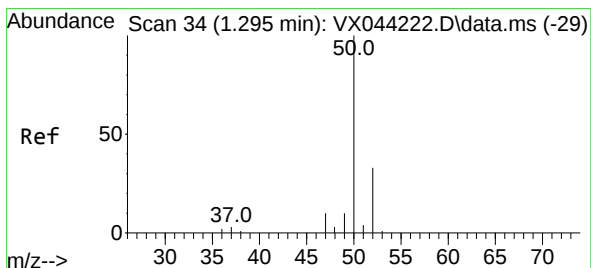
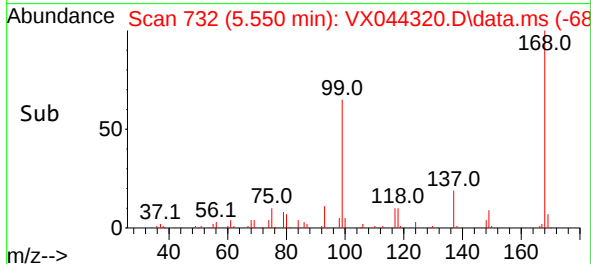
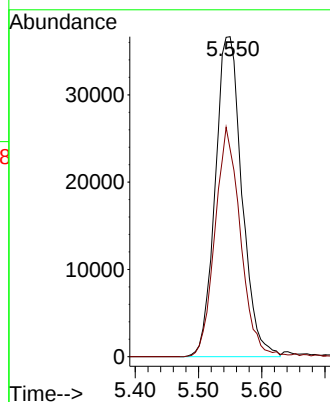
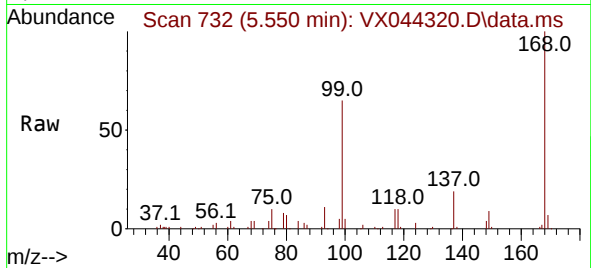




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044320.D
Acq: 16 Dec 2024 13:48

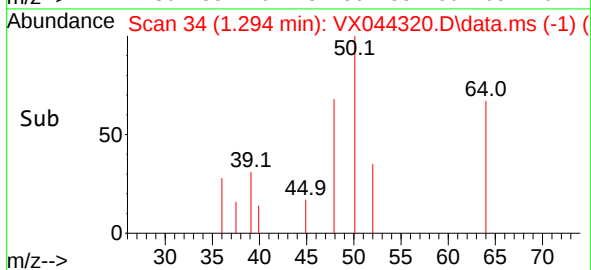
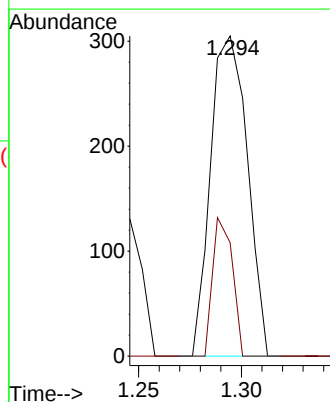
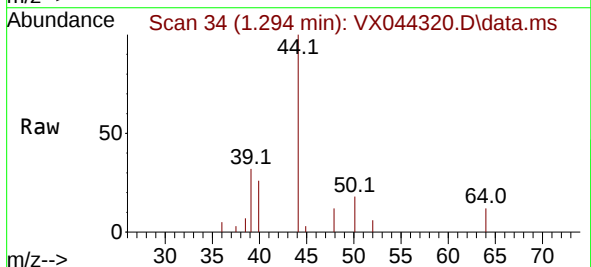
Instrument :
MSVOA_X
ClientSampleId :
DUP-01-20241209

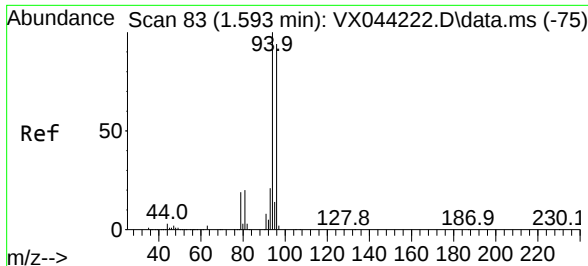
Tgt Ion:168 Resp: 107315
Ion Ratio Lower Upper
168 100
99 64.8 53.4 80.0



#3
Chloromethane
Concen: 0.239 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044320.D
Acq: 16 Dec 2024 13:48

Tgt Ion: 50 Resp: 380
Ion Ratio Lower Upper
50 100
52 35.4 26.5 39.7

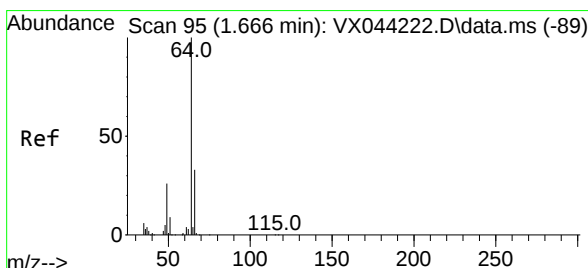
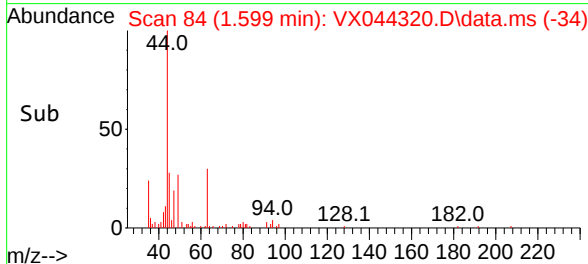
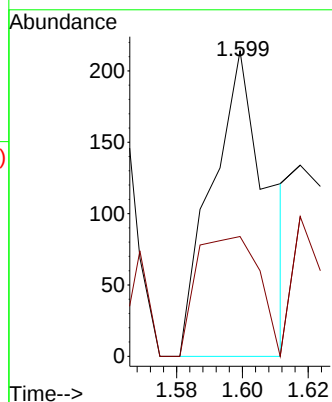
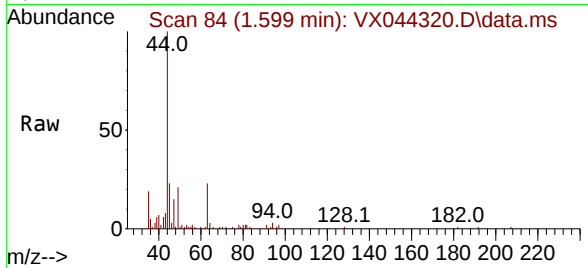




#5
Bromomethane
Concen: 0.214 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX044320.D
Acq: 16 Dec 2024 13:48

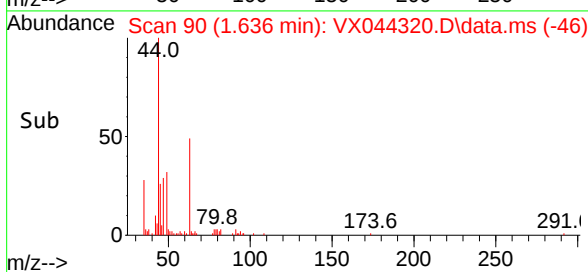
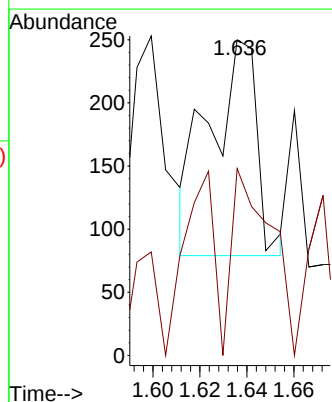
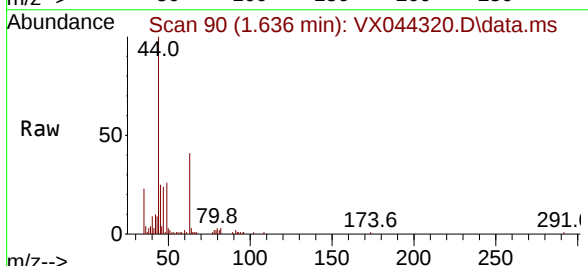
Instrument :
MSVOA_X
ClientSampleId :
DUP-01-20241209

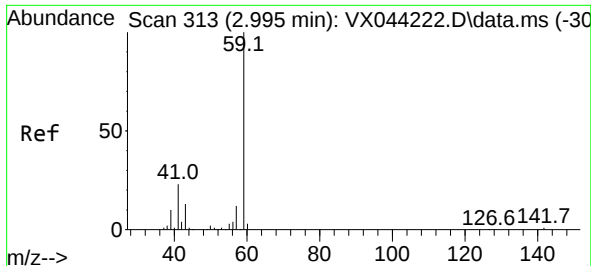
Tgt Ion: 94 Resp: 251
Ion Ratio Lower Upper
94 100
96 39.3 74.9 112.3#



#6
Chloroethane
Concen: 0.233 ug/l
RT: 1.636 min Scan# 90
Delta R.T. -0.031 min
Lab File: VX044320.D
Acq: 16 Dec 2024 13:48

Tgt Ion: 64 Resp: 240
Ion Ratio Lower Upper
64 100
66 32.4 26.6 39.8





#11

Tert butyl alcohol

Concen: 0.943 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.049 min

Lab File: VX044320.D

Acq: 16 Dec 2024 13:48

Instrument :

MSVOA_X

ClientSampleId :

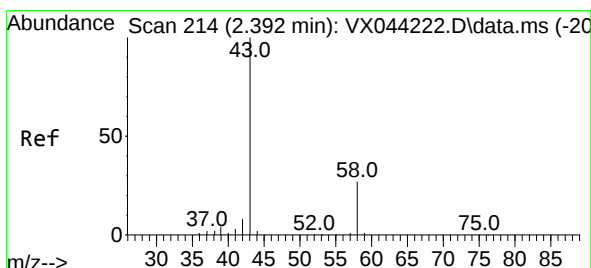
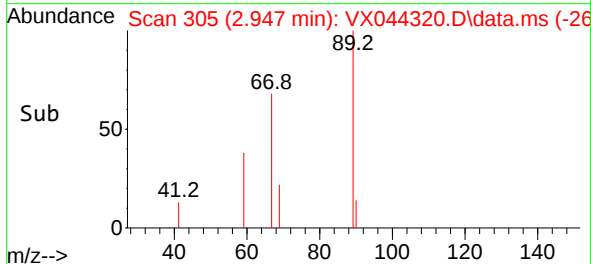
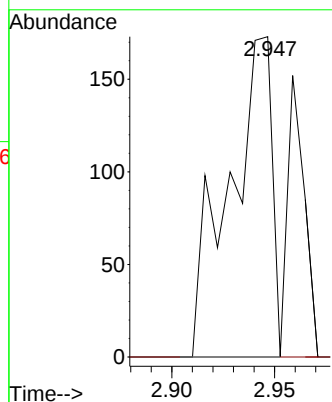
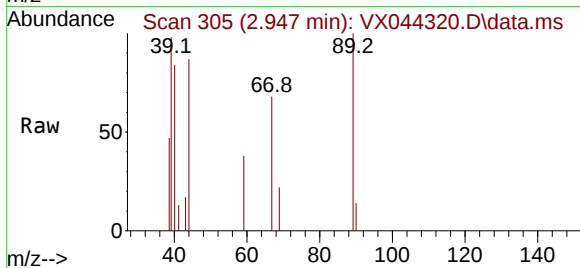
DUP-01-20241209

Tgt Ion: 59 Resp: 250

Ion Ratio Lower Upper

59 100

57 0.0 8.8 13.2#



#16

Acetone

Concen: 0.965 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.012 min

Lab File: VX044320.D

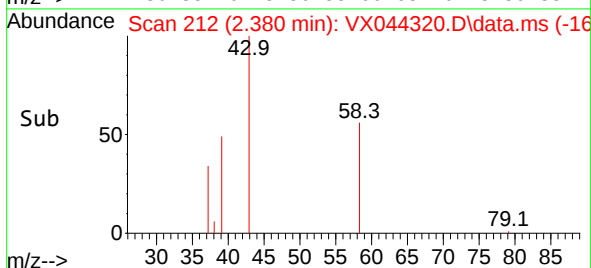
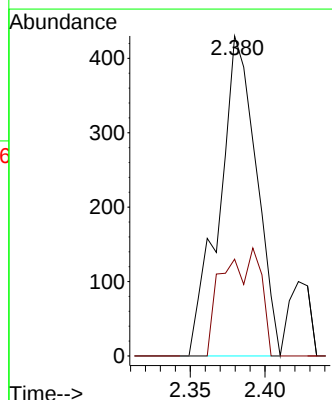
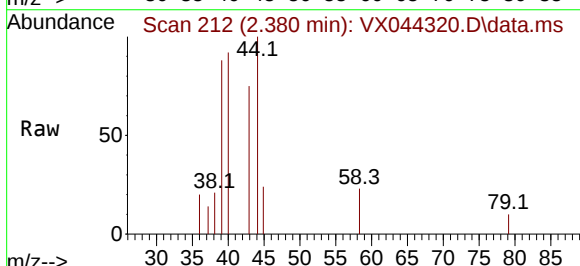
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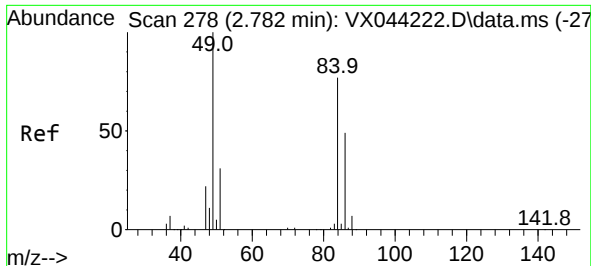
Tgt Ion: 43 Resp: 740

Ion Ratio Lower Upper

43 100

58 30.2 21.6 32.4

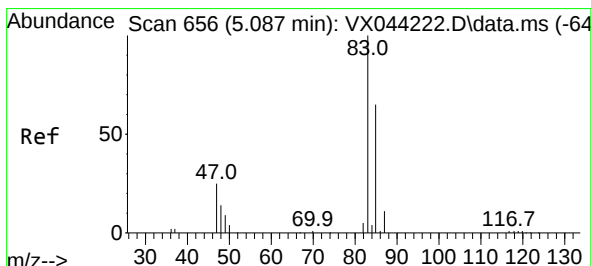
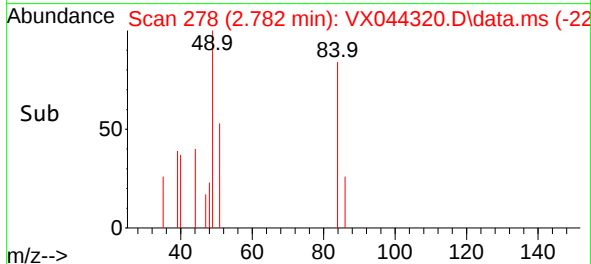
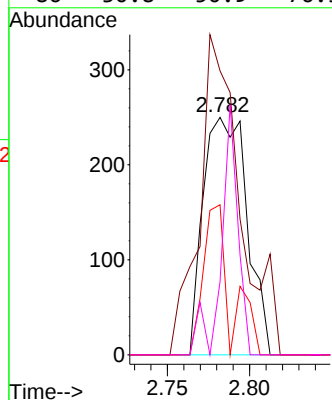
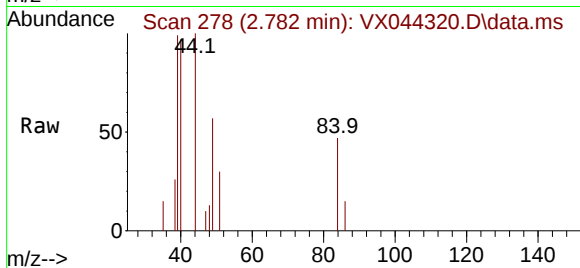




#20
Methylene Chloride
Concen: 0.323 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX044320.D
Acq: 16 Dec 2024 13:48

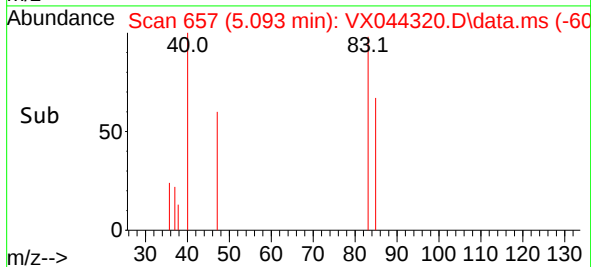
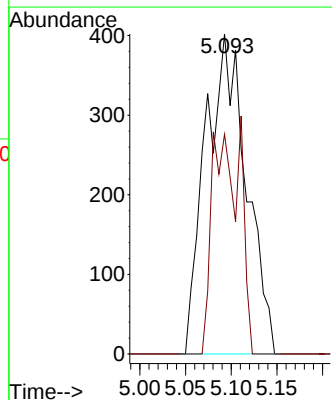
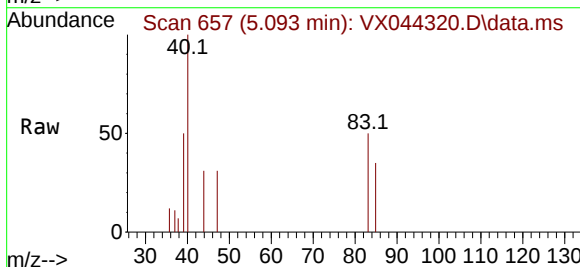
Instrument :
MSVOA_X
ClientSampleId :
DUP-01-20241209

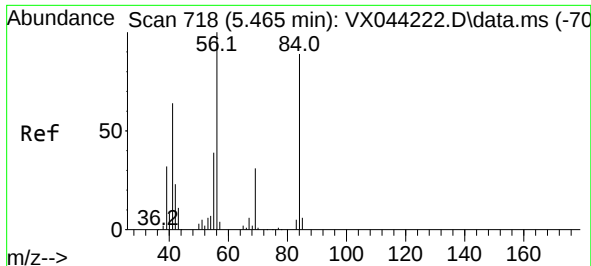
Tgt Ion:	84	Resp:	465
Ion	Ratio	Lower	Upper
84	100		
49	119.6	104.2	156.4
51	63.2	32.2	48.4#
86	30.8	50.9	76.3#



#30
Chloroform
Concen: 0.442 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX044320.D
Acq: 16 Dec 2024 13:48

Tgt Ion:	83	Resp:	1248
Ion	Ratio	Lower	Upper
83	100		
85	68.7	51.6	77.4

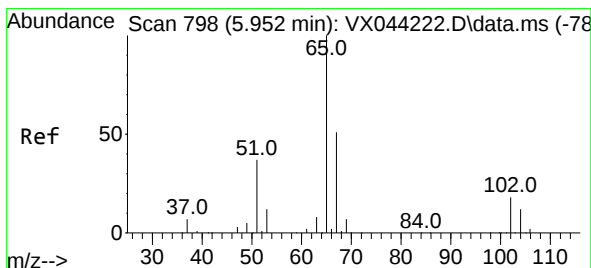
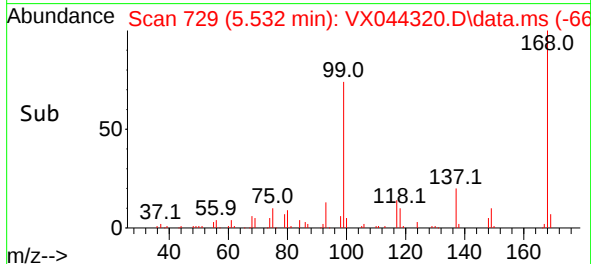
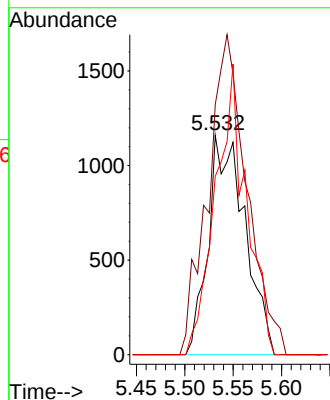
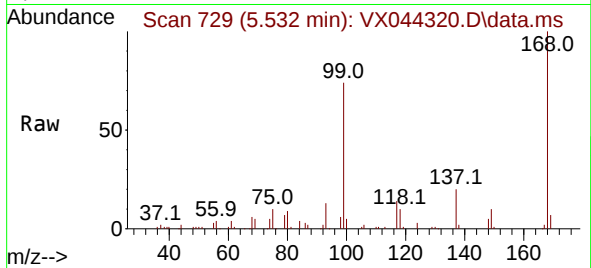




#31
Cyclohexane
Concen: 1.503 ug/l
RT: 5.532 min Scan# 718
Delta R.T. 0.067 min
Lab File: VX044320.D
Acq: 16 Dec 2024 13:48

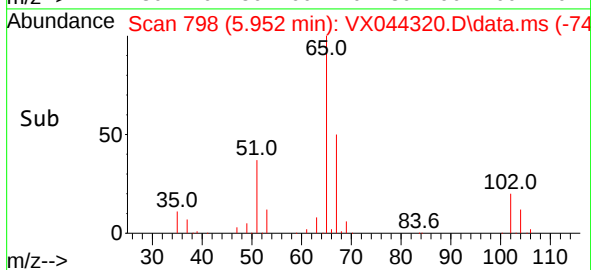
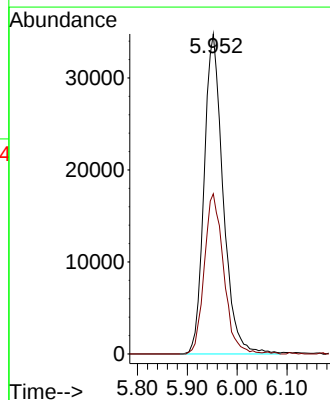
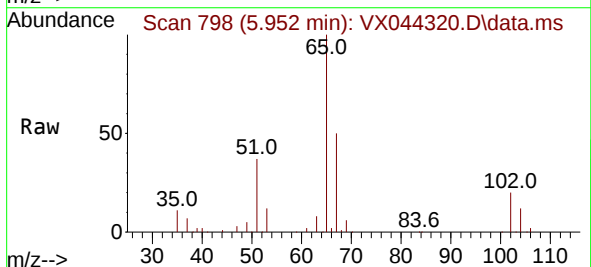
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ClientSampleId :
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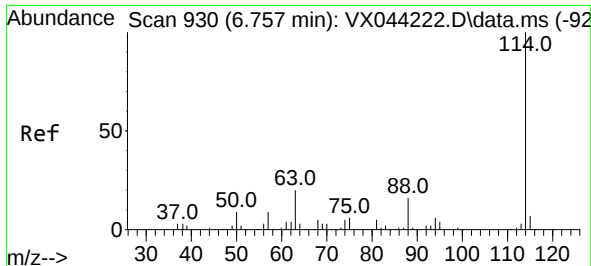
Tgt Ion: 56 Resp: 3053
Ion Ratio Lower Upper
56 100
69 114.0 24.7 37.1#
84 81.3 71.0 106.6



#33
1,2-Dichloroethane-d4
Concen: 48.841 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044320.D
Acq: 16 Dec 2024 13:48

Tgt Ion: 65 Resp: 91899
Ion Ratio Lower Upper
65 100
67 50.9 0.0 101.6

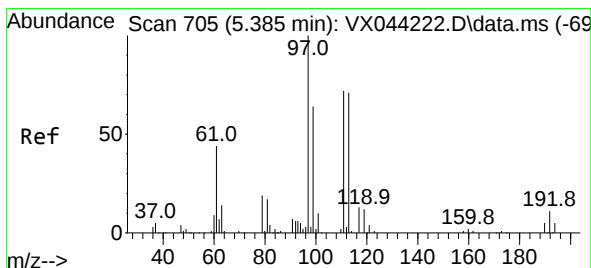
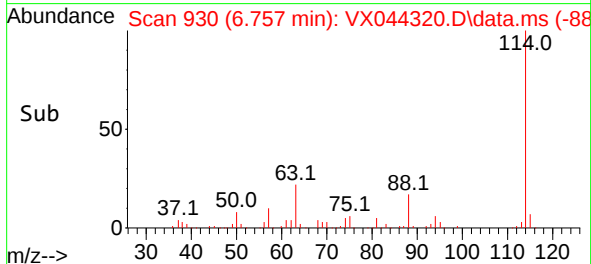
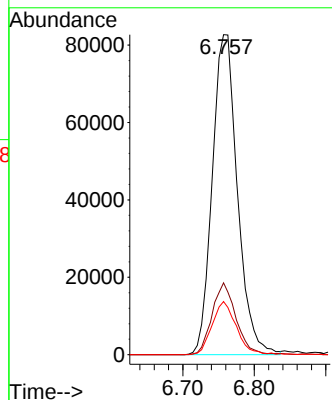
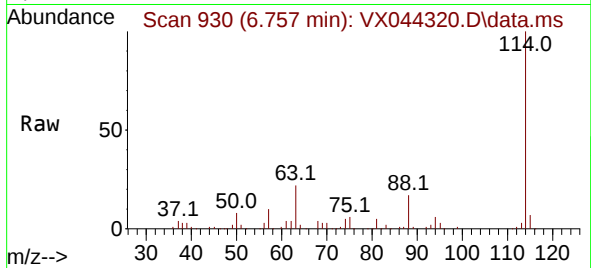




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044320.D
Acq: 16 Dec 2024 13:48

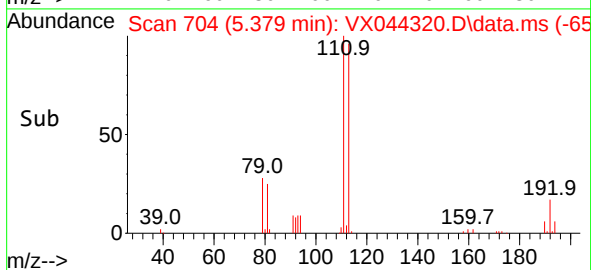
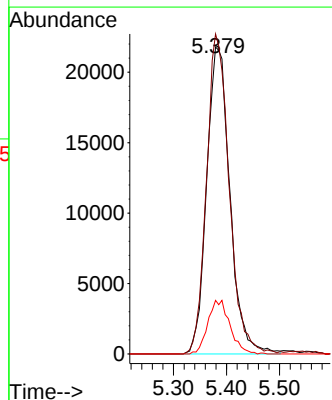
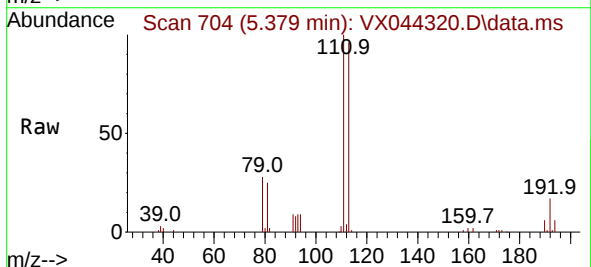
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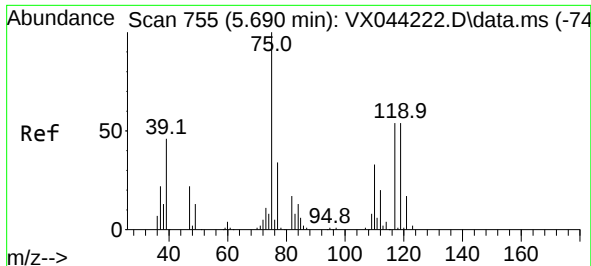
Tgt Ion:114 Resp: 202180
Ion Ratio Lower Upper
114 100
63 22.4 0.0 40.6
88 16.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.447 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX044320.D
Acq: 16 Dec 2024 13:48

Tgt Ion:113 Resp: 66439
Ion Ratio Lower Upper
113 100
111 101.7 80.4 120.6
192 16.7 13.3 19.9

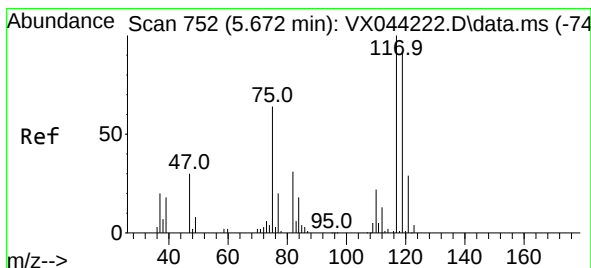
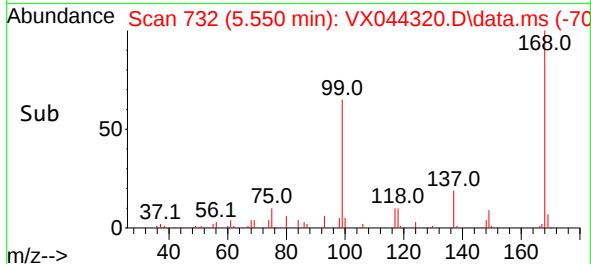
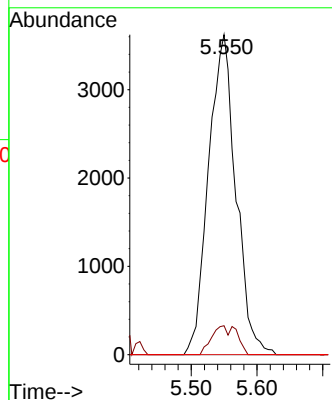
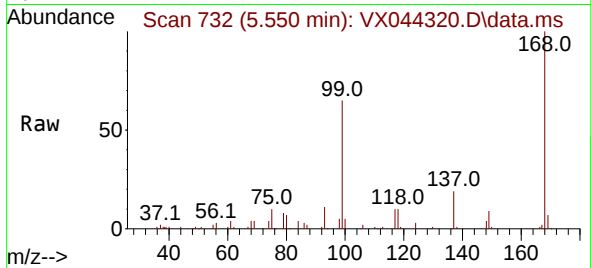




#36
1,1-Dichloropropene
Concen: 5.801 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX044320.D
Acq: 16 Dec 2024 13:48

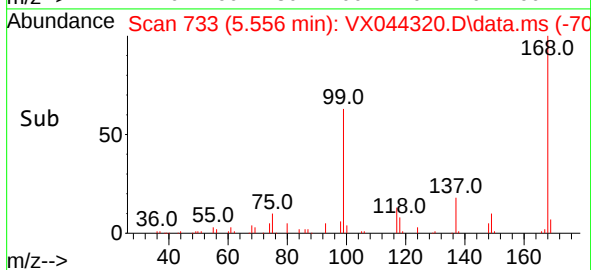
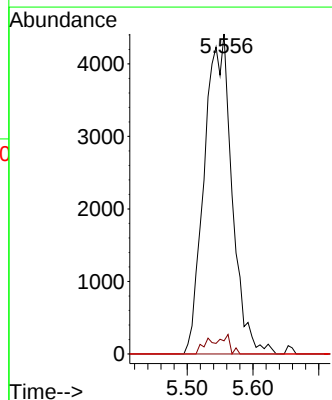
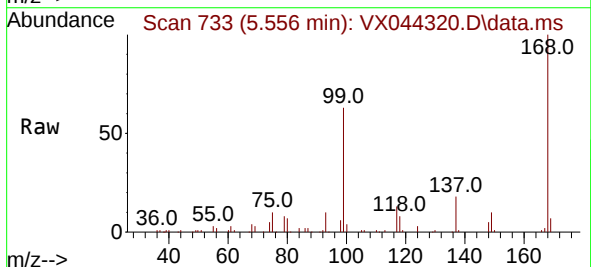
Instrument :
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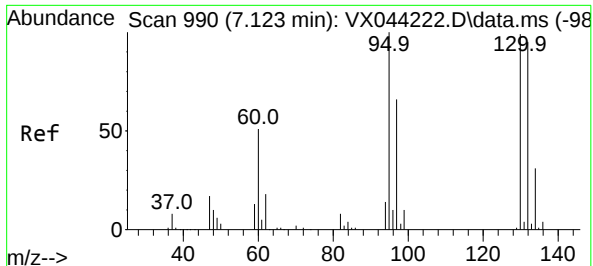
Tgt Ion: 75 Resp: 10501
Ion Ratio Lower Upper
75 100
110 5.4 17.3 51.7#
77 0.0 25.4 38.0#



#38
Carbon Tetrachloride
Concen: 6.621 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.116 min
Lab File: VX044320.D
Acq: 16 Dec 2024 13:48

Tgt Ion: 117 Resp: 12903
Ion Ratio Lower Upper
117 100
119 4.1 74.2 111.4#
121 0.0 23.0 34.6#

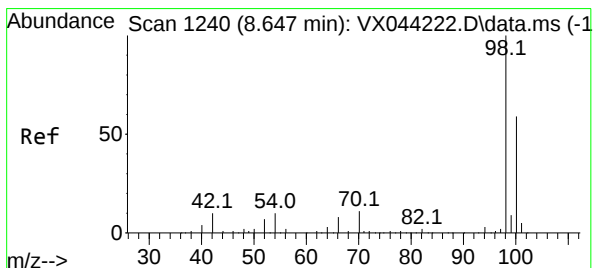
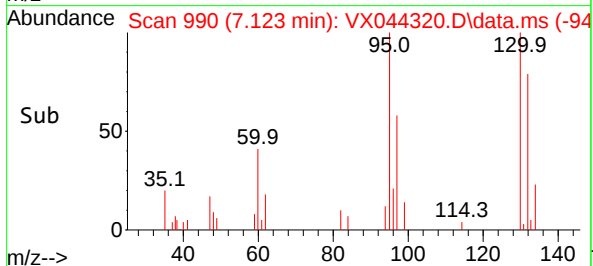
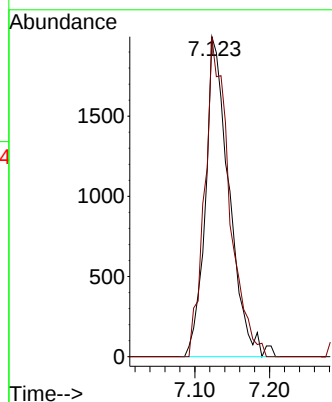
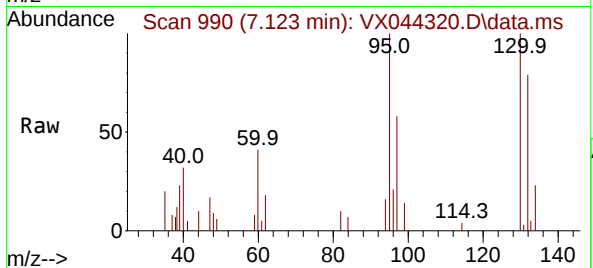




#44
Trichloroethene
Concen: 3.216 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX044320.D
Acq: 16 Dec 2024 13:48

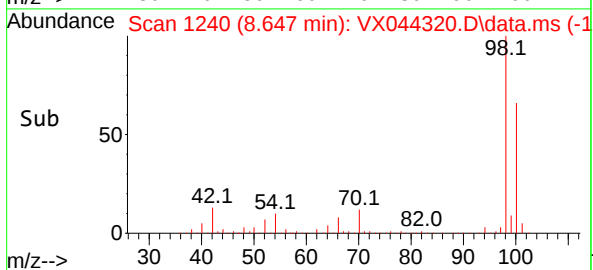
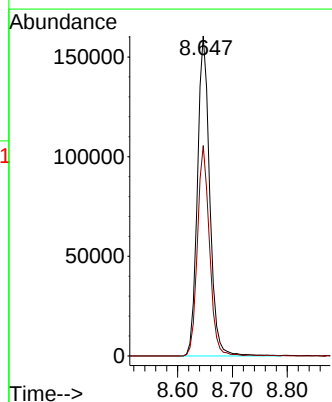
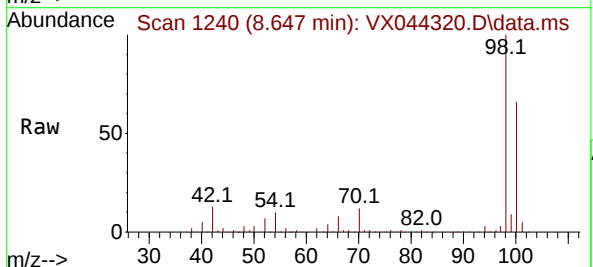
Instrument :
MSVOA_X
ClientSampleId :
DUP-01-20241209

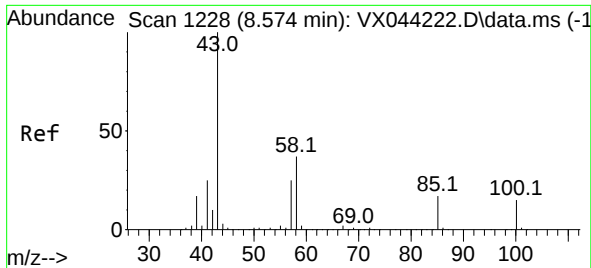
Tgt Ion:130 Resp: 4408
Ion Ratio Lower Upper
130 100
95 99.8 0.0 201.4



#50
Toluene-d8
Concen: 53.161 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044320.D
Acq: 16 Dec 2024 13:48

Tgt Ion: 98 Resp: 251140
Ion Ratio Lower Upper
98 100
100 64.2 51.5 77.3

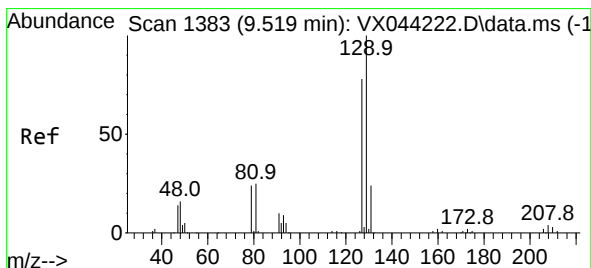
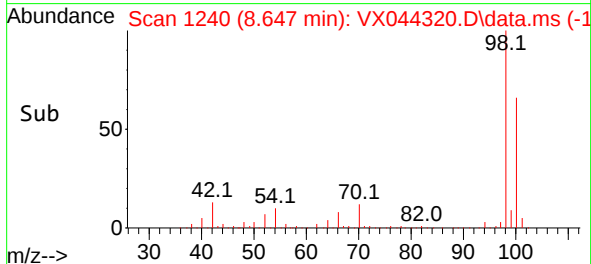
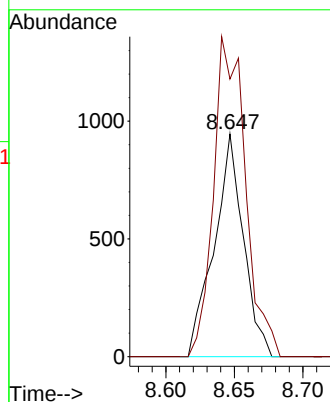
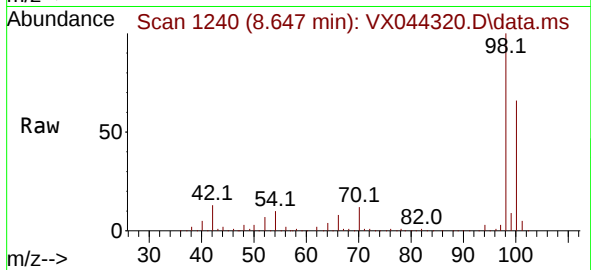




#51
4-Methyl-2-Pentanone
Concen: 0.624 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX044320.D
Acq: 16 Dec 2024 13:48

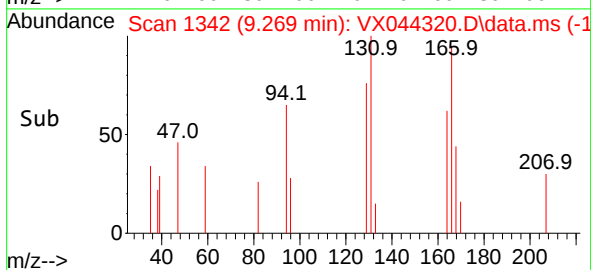
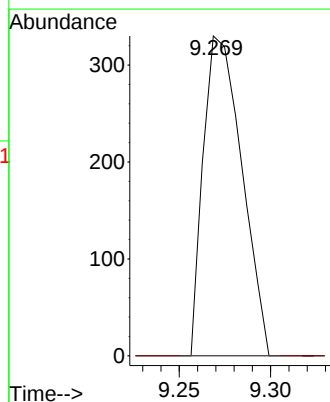
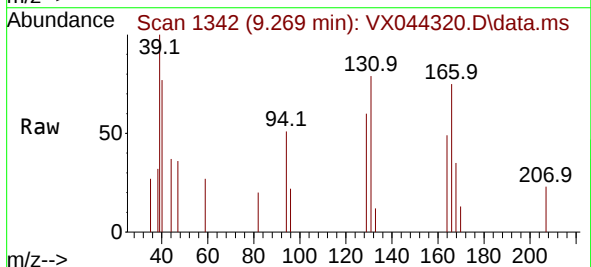
Instrument :
MSVOA_X
ClientSampleId :
DUP-01-20241209

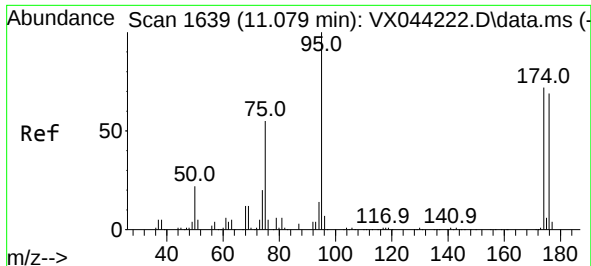
Tgt Ion: 43 Resp: 1404
Ion Ratio Lower Upper
43 100
58 156.6 29.4 44.0#



#60
Dibromochloromethane
Concen: 1.572 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.250 min
Lab File: VX044320.D
Acq: 16 Dec 2024 13:48

Tgt Ion: 129 Resp: 485
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#

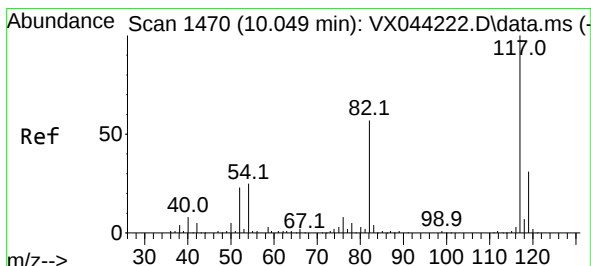
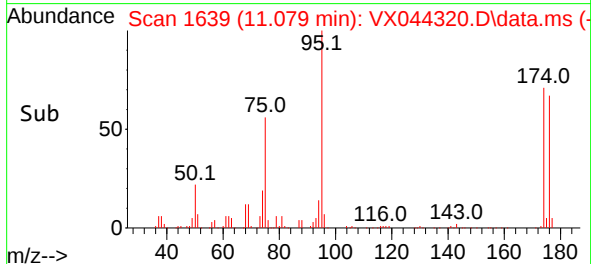
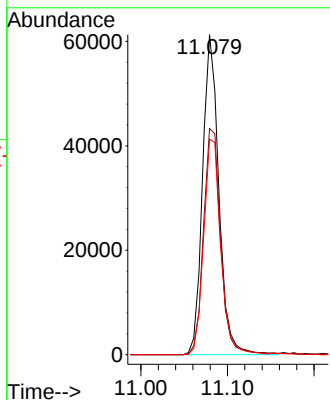
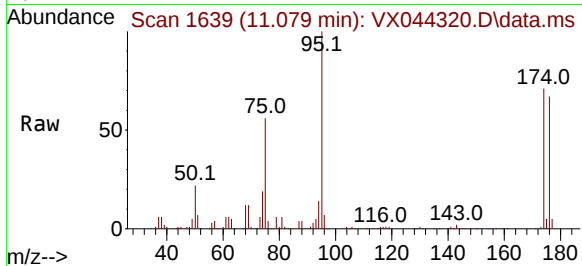




#62
4-Bromofluorobenzene
Concen: 48.586 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044320.D
Acq: 16 Dec 2024 13:48

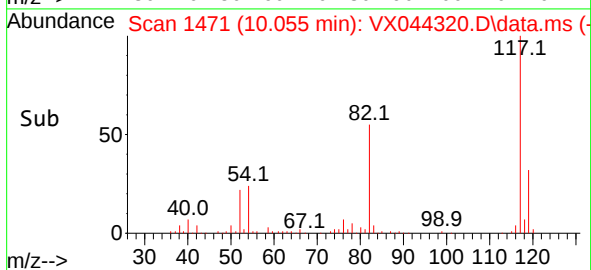
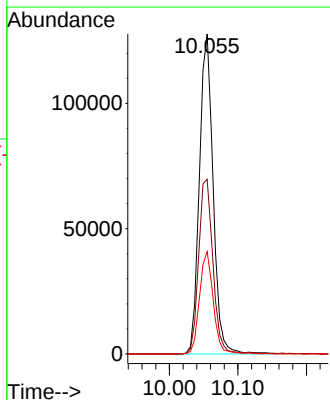
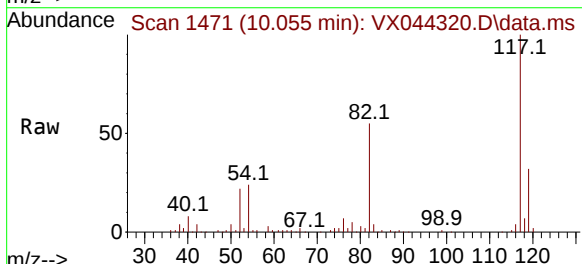
Instrument :
MSVOA_X
ClientSampleId :
DUP-01-20241209

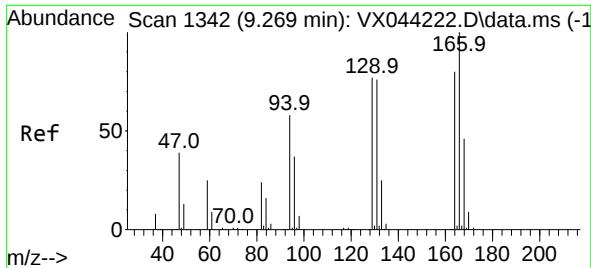
Tgt Ion: 95 Resp: 80203
Ion Ratio Lower Upper
95 100
174 74.7 0.0 145.8
176 70.4 0.0 137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044320.D
Acq: 16 Dec 2024 13:48

Tgt Ion: 117 Resp: 178520
Ion Ratio Lower Upper
117 100
82 54.5 45.8 68.8
119 32.0 25.0 37.4

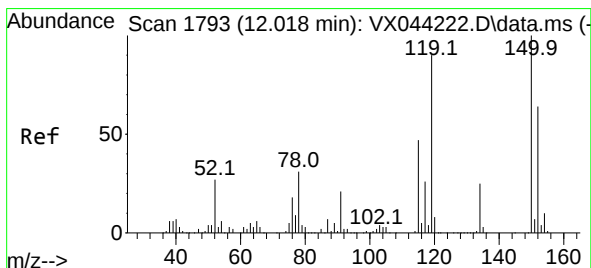
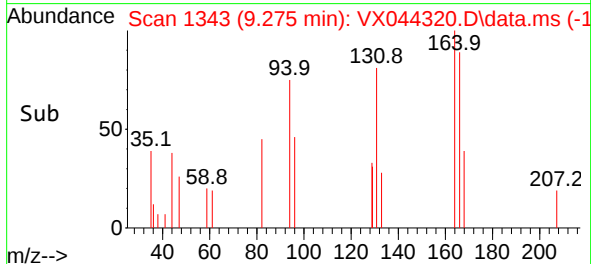
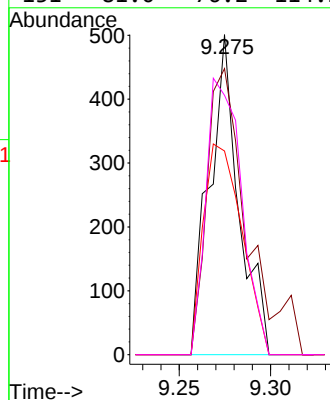
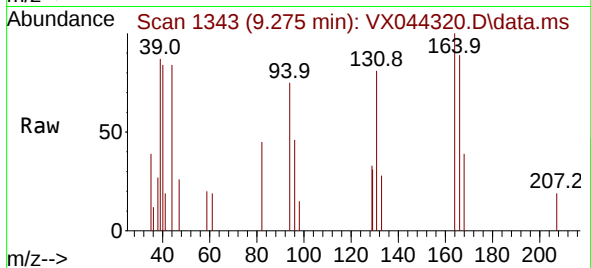




#64
Tetrachloroethene
Concen: 0.476 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044320.D
Acq: 16 Dec 2024 13:48

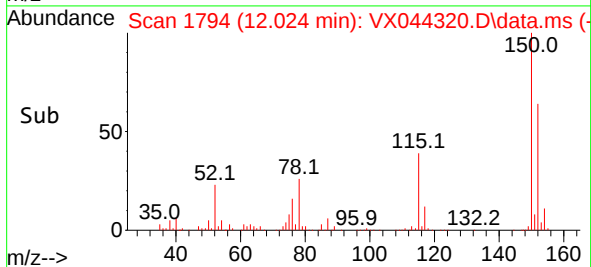
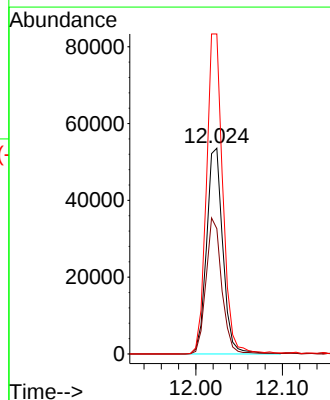
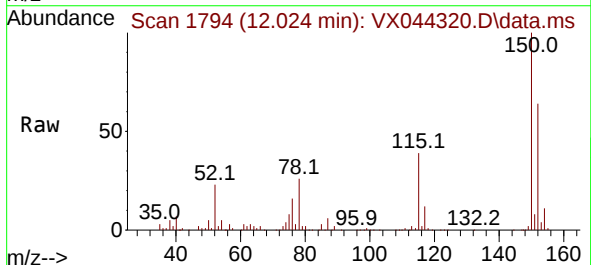
Instrument :
MSVOA_X
ClientSampleId :
DUP-01-20241209

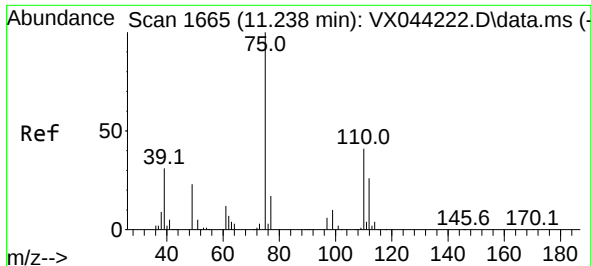
Tgt Ion:164	Resp:	564
Ion	Ratio	Lower Upper
164	100	
166	89.4	100.4 150.6#
129	63.7	77.2 115.8#
131	81.0	76.2 114.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX044320.D
Acq: 16 Dec 2024 13:48

Tgt Ion:152	Resp:	69896
Ion	Ratio	Lower Upper
152	100	
115	64.1	44.5 133.3
150	156.6	0.0 353.8

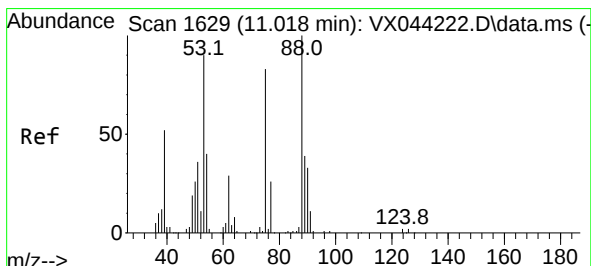
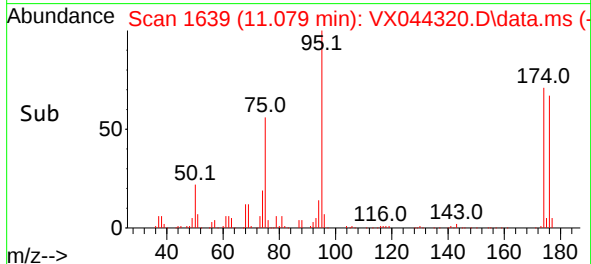
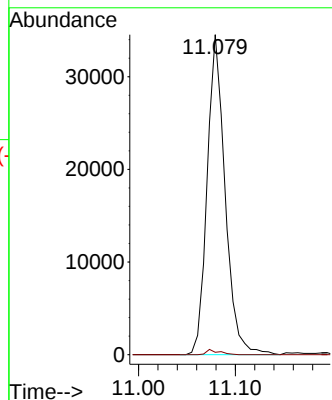
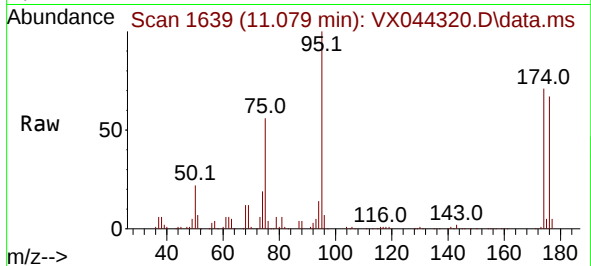




#76
1,2,3-Trichloropropane
Concen: 28.633 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044320.D
Acq: 16 Dec 2024 13:48

Instrument :
MSVOA_X
ClientSampleId :
DUP-01-20241209

Tgt Ion: 75 Resp: 44685
Ion Ratio Lower Upper
75 100
77 1.1 20.9 62.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.472 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044320.D
Acq: 16 Dec 2024 13:48

Tgt Ion: 75 Resp: 44685
Ion Ratio Lower Upper
75 100
53 0.0 93.6 140.4#
89 0.0 37.3 55.9#

