

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121624\
 Data File : VX044317.D
 Acq On : 16 Dec 2024 12:38
 Operator : JC/MD
 Sample : P5288-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Storage-Blank-SAMPLE-MANAGEMENT

Quant Time: Dec 17 00:48:20 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)

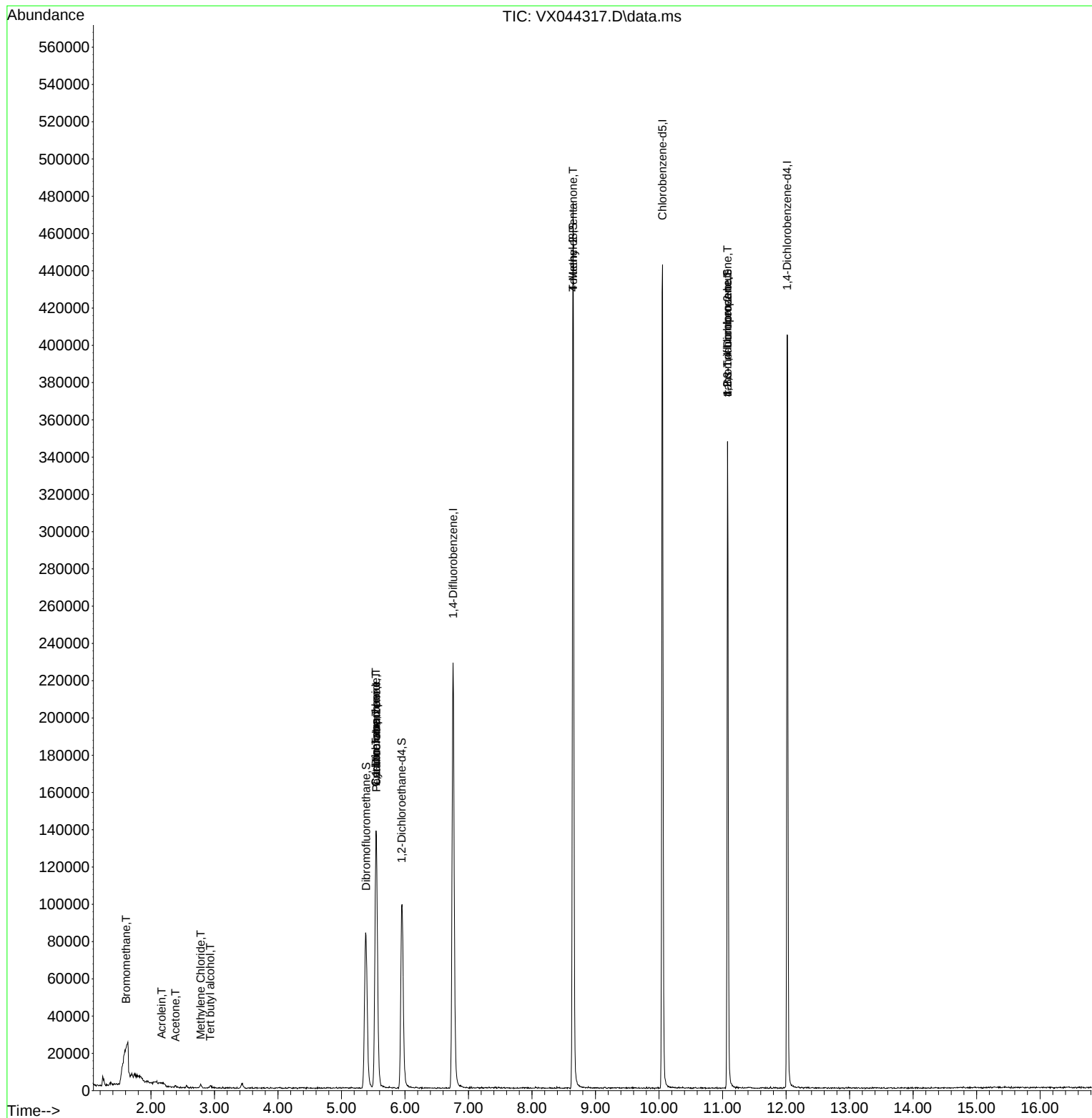
Internal Standards						
1) Pentafluorobenzene	5.550	168	123978	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	225986	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	196610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	79808	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	98854	45.476	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.960%
35) Dibromofluoromethane	5.385	113	73000	46.641	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.280%
50) Toluene-d8	8.647	98	272121	51.534	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.060%
62) 4-Bromofluorobenzene	11.079	95	89144	48.314	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.620%
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	411	0.303	ug/l #	8
11) Tert butyl alcohol	2.934	59	537	1.753	ug/l #	71
13) Acrolein	2.166	56	110	0.248	ug/l #	74
16) Acetone	2.386	43	934	1.054	ug/l	94
20) Methylene Chloride	2.782	84	728	0.437	ug/l #	76
31) Cyclohexane	5.544	56	3444	1.468	ug/l #	50
36) 1,1-Dichloropropene	5.544	75	11008	5.441	ug/l #	48
38) Carbon Tetrachloride	5.544	117	14413	6.617	ug/l #	18
51) 4-Methyl-2-Pentanone	8.647	43	1495	0.595	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	48757	27.362	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	48757	75.237	ug/l #	4

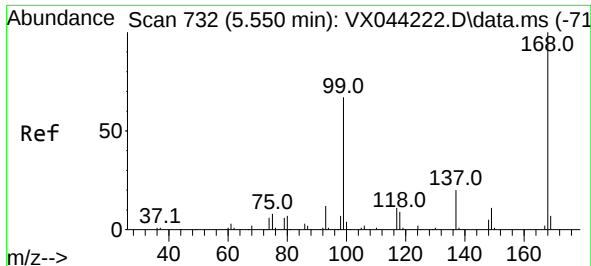
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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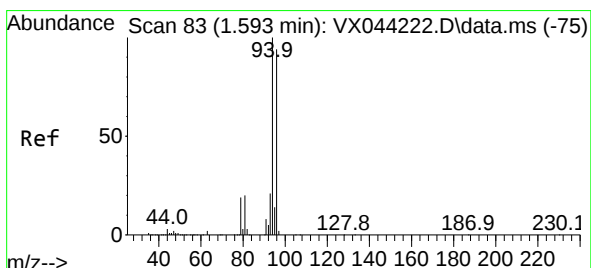
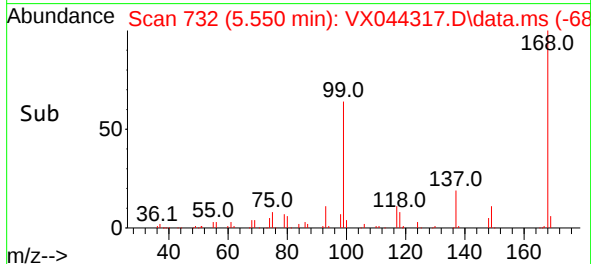
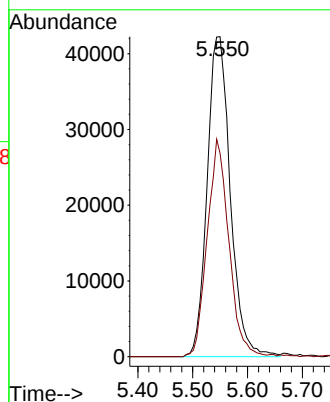
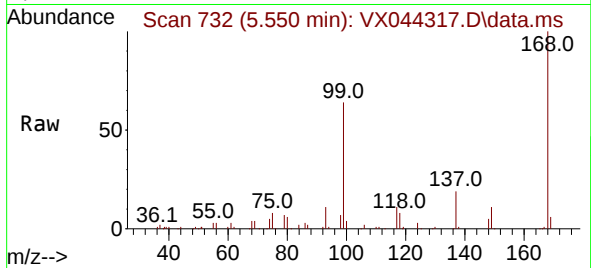




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044317.D
Acq: 16 Dec 2024 12:38

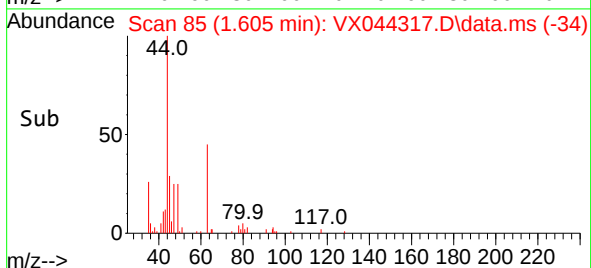
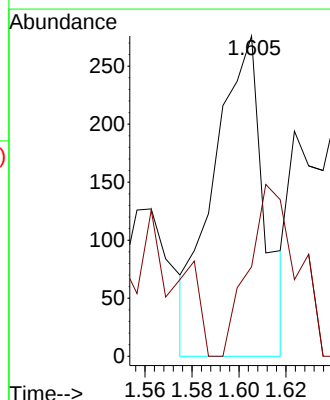
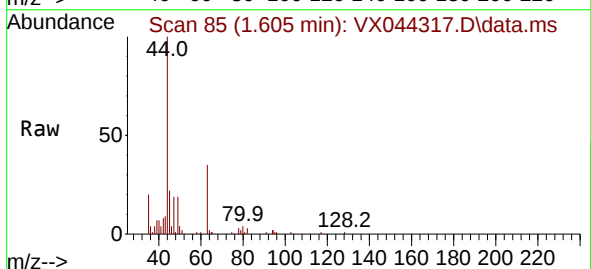
Instrument : MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

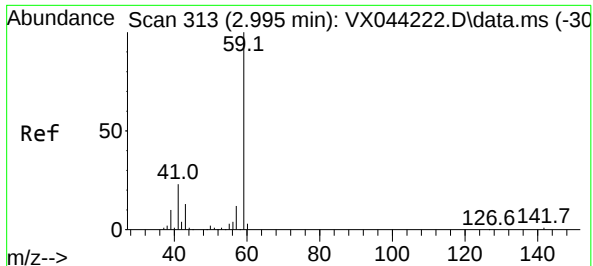
Tgt Ion:168 Resp: 123978
Ion Ratio Lower Upper
168 100
99 63.6 53.4 80.0



#5
Bromomethane
Concen: 0.303 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.012 min
Lab File: VX044317.D
Acq: 16 Dec 2024 12:38

Tgt Ion: 94 Resp: 411
Ion Ratio Lower Upper
94 100
96 5.3 74.9 112.3#





#11

Tert butyl alcohol

Concen: 1.753 ug/l

RT: 2.934 min Scan# 30

Delta R.T. -0.061 min

Lab File: VX044317.D

Acq: 16 Dec 2024 12:38

Instrument :

MSVOA_X

ClientSampleId :

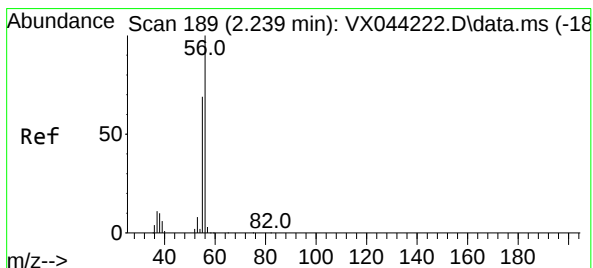
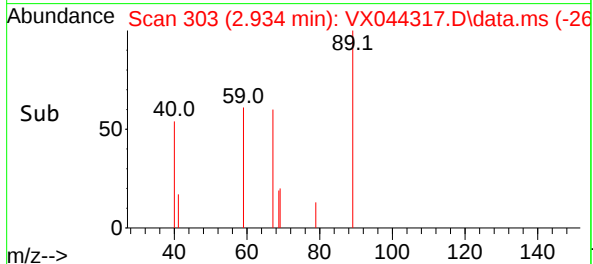
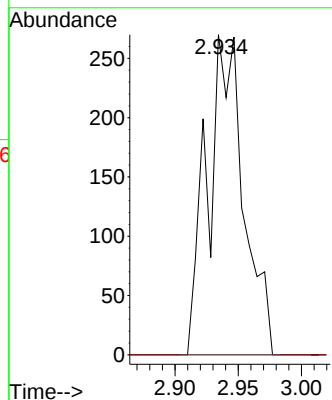
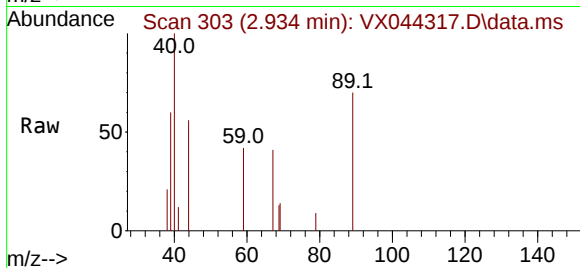
Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion: 59 Resp: 537

Ion Ratio Lower Upper

59 100

57 0.0 8.8 13.2#



#13

Acrolein

Concen: 0.248 ug/l

RT: 2.166 min Scan# 177

Delta R.T. -0.073 min

Lab File: VX044317.D

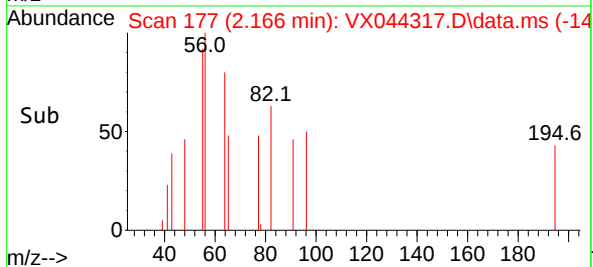
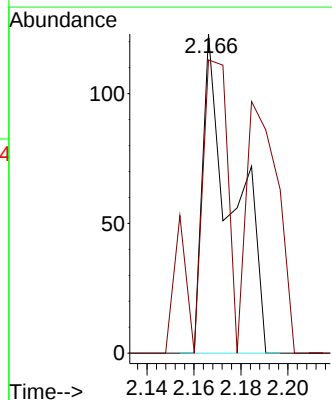
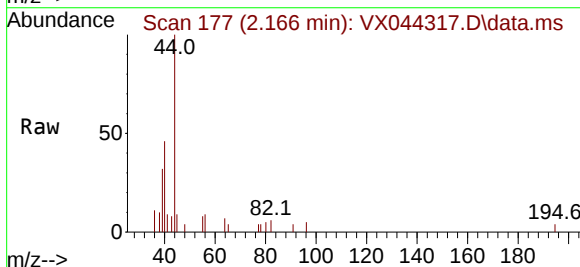
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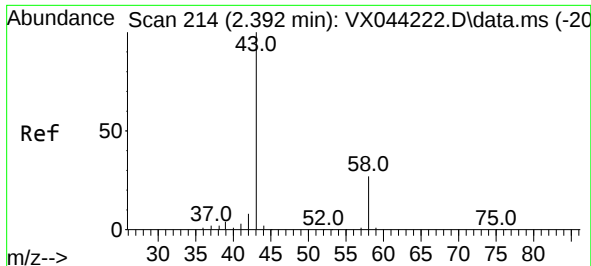
Tgt Ion: 56 Resp: 110

Ion Ratio Lower Upper

56 100

55 91.8 56.6 84.8#





#16

Acetone

Concen: 1.054 ug/l

RT: 2.386 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX044317.D

Acq: 16 Dec 2024 12:38

Instrument :

MSVOA_X

ClientSampleId :

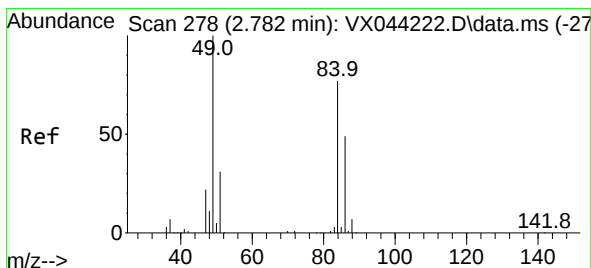
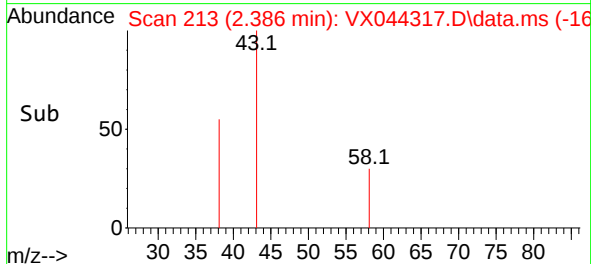
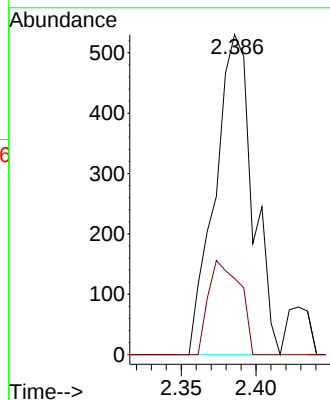
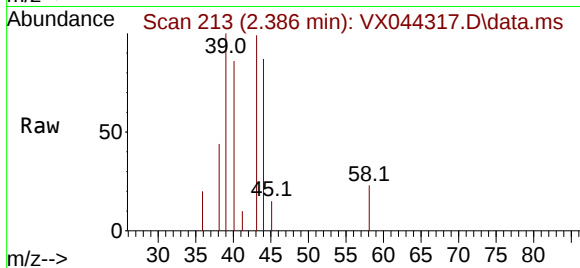
Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion: 43 Resp: 934

Ion Ratio Lower Upper

43 100

58 23.8 21.6 32.4



#20

Methylene Chloride

Concen: 0.437 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.000 min

Lab File: VX044317.D

Acq: 16 Dec 2024 12:38

Tgt Ion: 84 Resp: 728

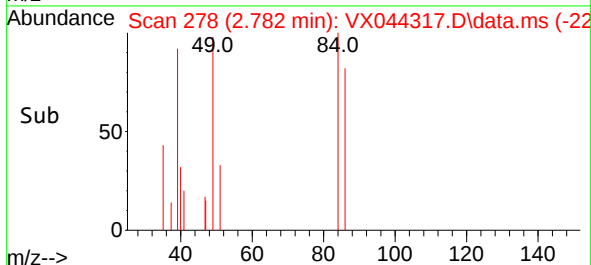
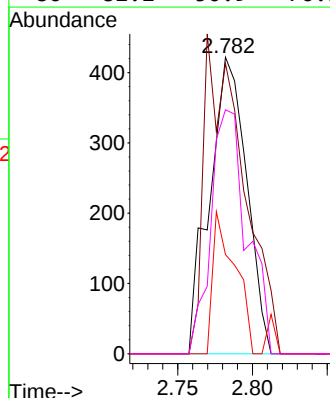
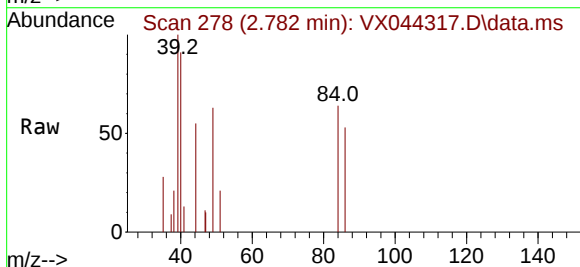
Ion Ratio Lower Upper

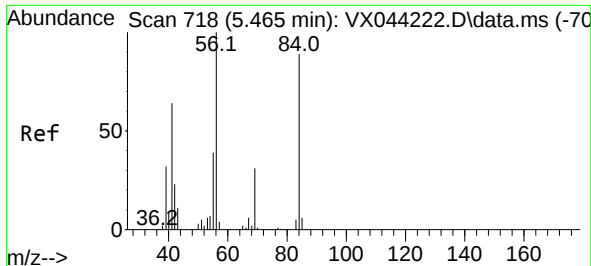
84 100

49 97.9 104.2 156.4#

51 33.4 32.2 48.4

86 82.2 50.9 76.3#

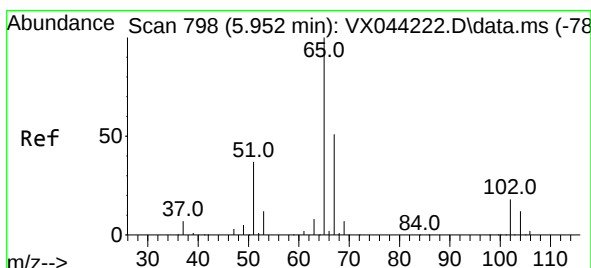
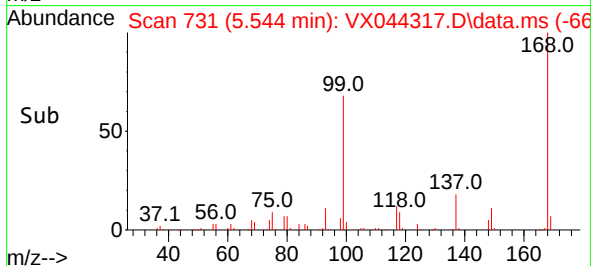
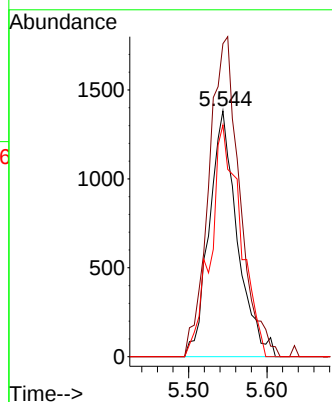
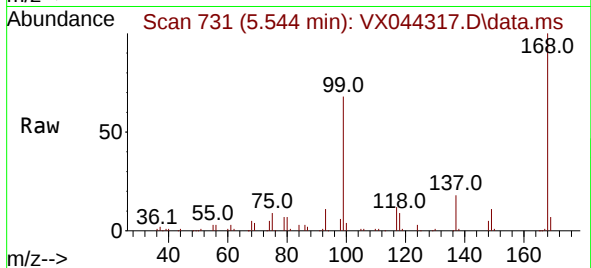




#31
Cyclohexane
Concen: 1.468 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX044317.D
Acq: 16 Dec 2024 12:38

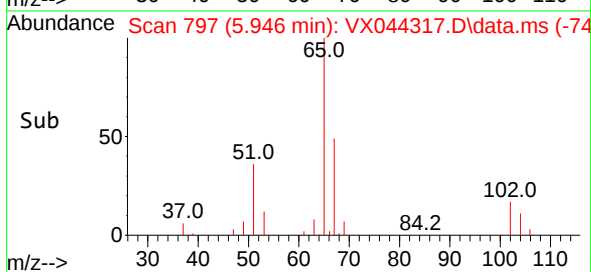
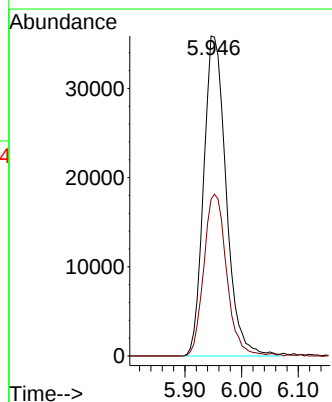
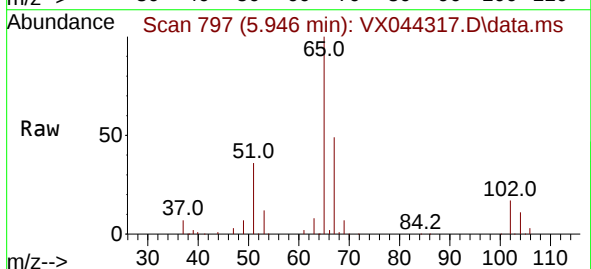
Instrument : MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

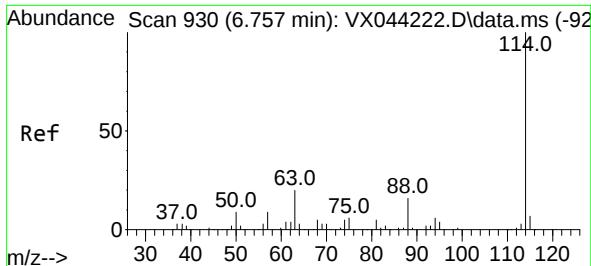
Tgt Ion: 56 Resp: 3444
Ion Ratio Lower Upper
56 100
69 127.4 24.7 37.1#
84 94.3 71.0 106.6



#33
1,2-Dichloroethane-d4
Concen: 45.476 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX044317.D
Acq: 16 Dec 2024 12:38

Tgt Ion: 65 Resp: 98854
Ion Ratio Lower Upper
65 100
67 51.1 0.0 101.6

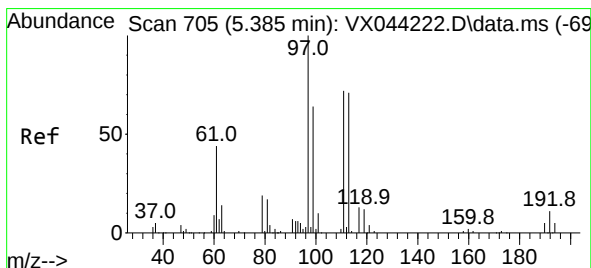
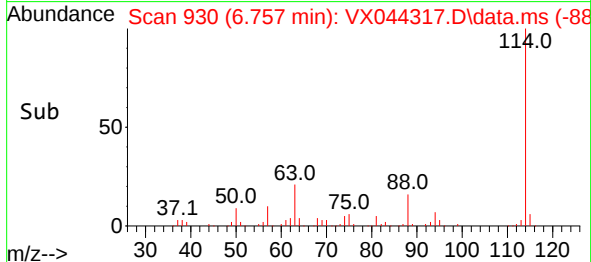
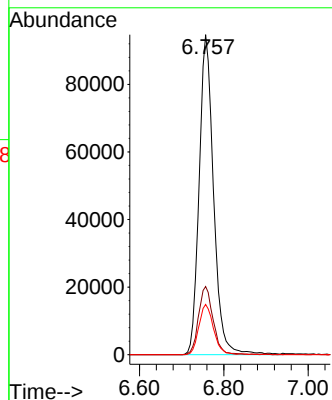
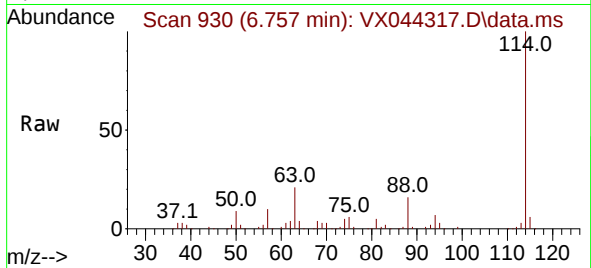




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044317.D
Acq: 16 Dec 2024 12:38

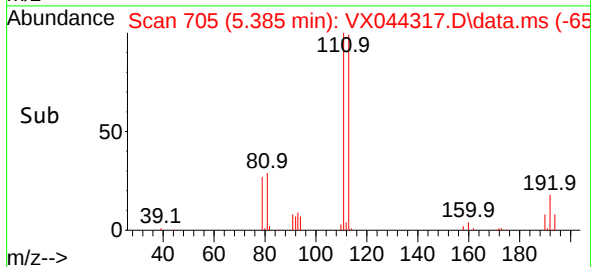
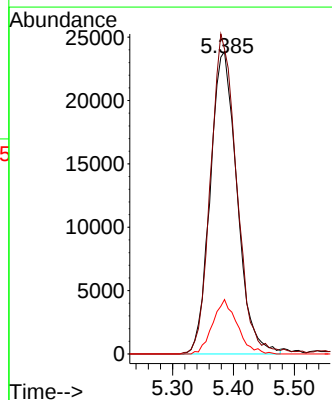
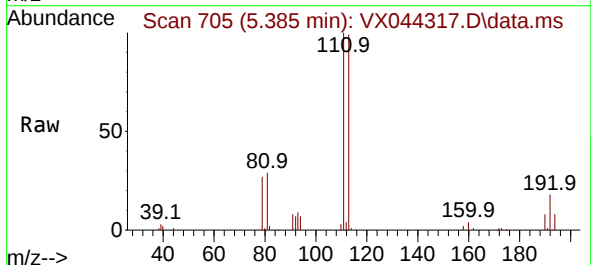
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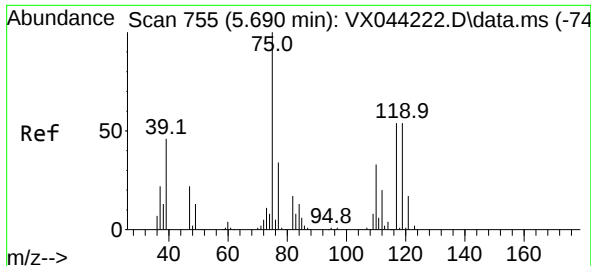
Tgt Ion:114 Resp: 225986
Ion Ratio Lower Upper
114 100
63 21.3 0.0 40.6
88 15.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 46.641 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX044317.D
Acq: 16 Dec 2024 12:38

Tgt Ion:113 Resp: 73000
Ion Ratio Lower Upper
113 100
111 103.5 80.4 120.6
192 16.5 13.3 19.9

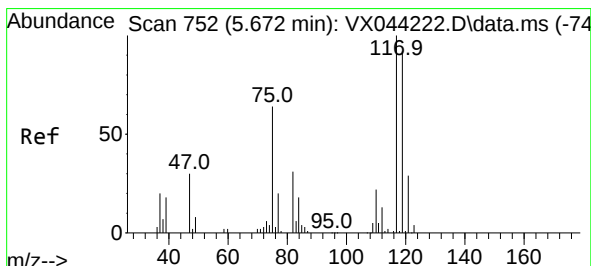
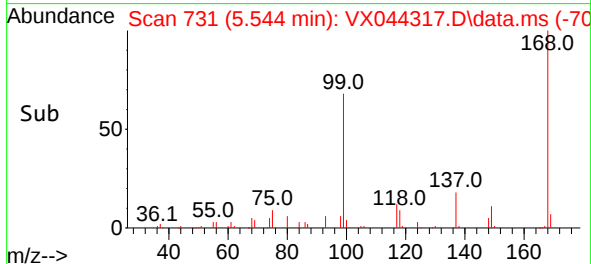
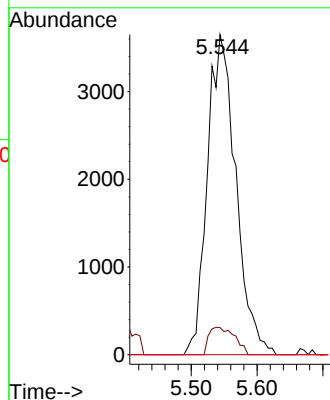
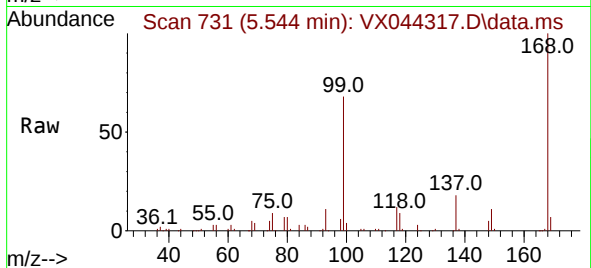




#36
1,1-Dichloropropene
Concen: 5.441 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX044317.D
Acq: 16 Dec 2024 12:38

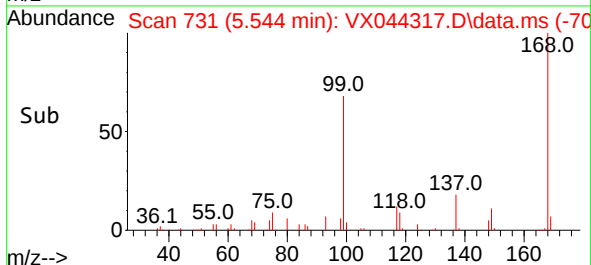
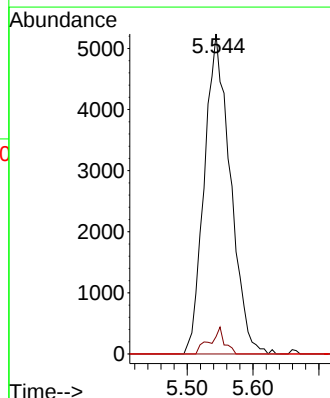
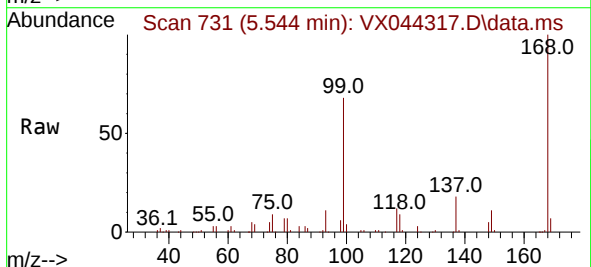
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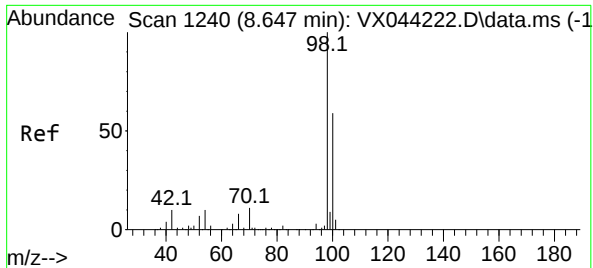
Tgt Ion: 75 Resp: 11008
Ion Ratio Lower Upper
75 100
110 7.7 17.3 51.7#
77 0.0 25.4 38.0#



#38
Carbon Tetrachloride
Concen: 6.617 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX044317.D
Acq: 16 Dec 2024 12:38

Tgt Ion: 117 Resp: 14413
Ion Ratio Lower Upper
117 100
119 5.4 74.2 111.4#
121 0.0 23.0 34.6#

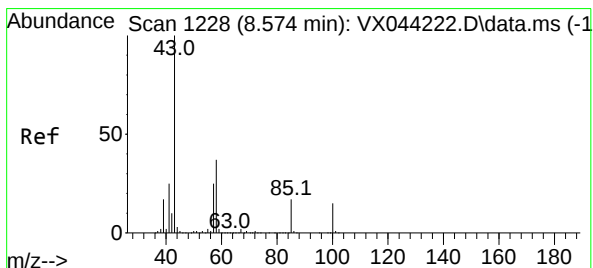
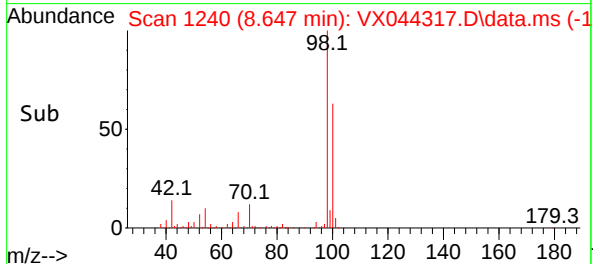
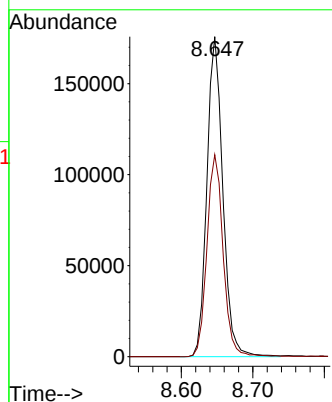
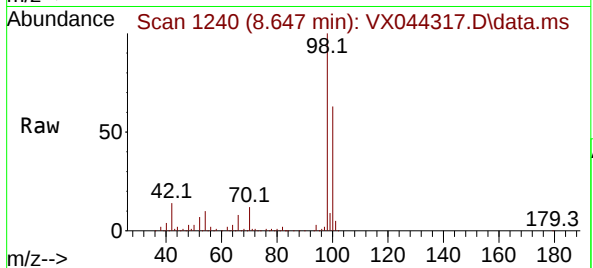




#50
Toluene-d8
Concen: 51.534 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044317.D
Acq: 16 Dec 2024 12:38

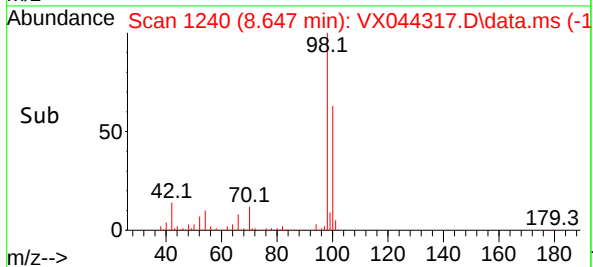
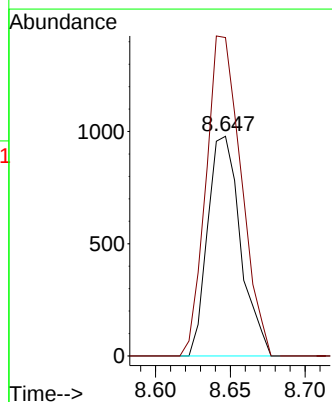
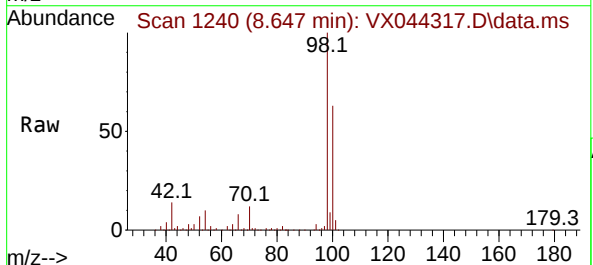
Instrument : MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

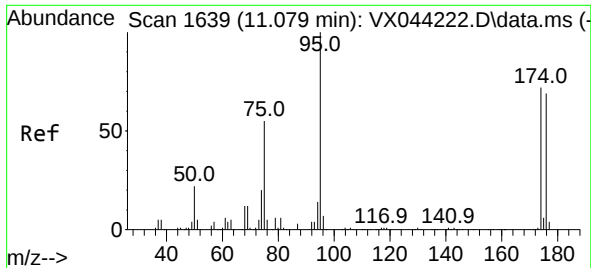
Tgt Ion: 98 Resp: 272121
Ion Ratio Lower Upper
98 100
100 64.4 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.595 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX044317.D
Acq: 16 Dec 2024 12:38

Tgt Ion: 43 Resp: 1495
Ion Ratio Lower Upper
43 100
58 156.3 29.4 44.0#

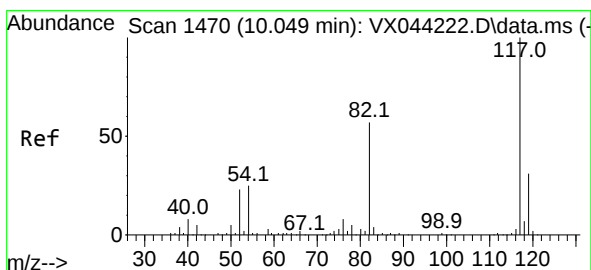
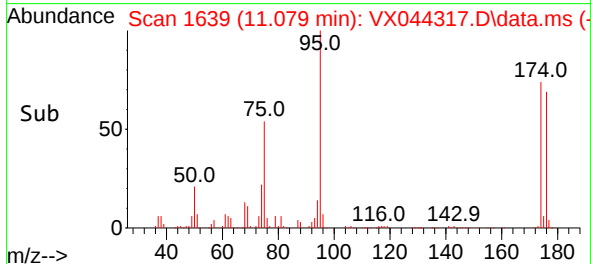
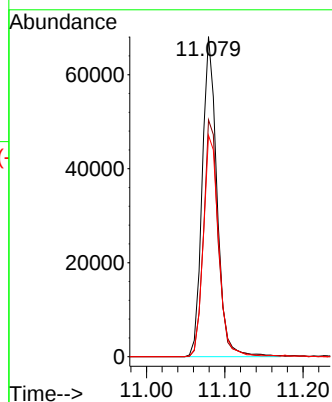
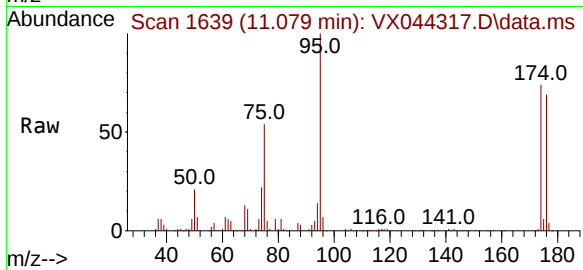




#62
4-Bromofluorobenzene
Concen: 48.314 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044317.D
Acq: 16 Dec 2024 12:38

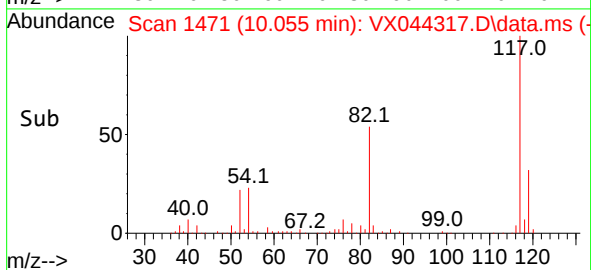
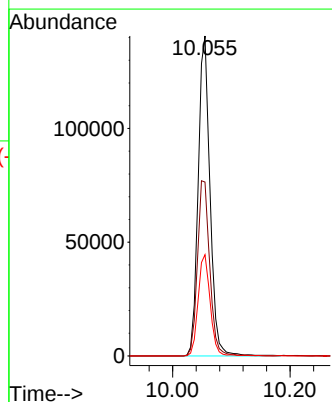
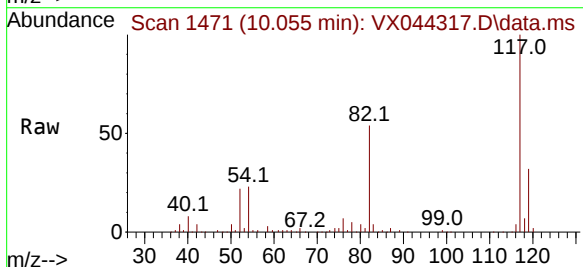
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

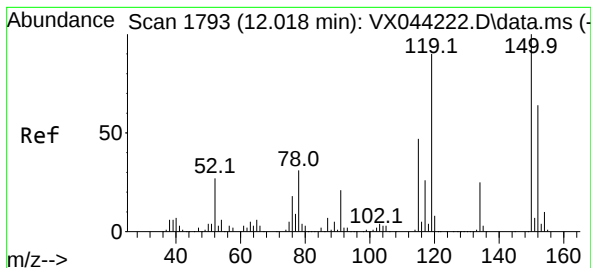
Tgt Ion: 95 Resp: 89144
Ion Ratio Lower Upper
95 100
174 74.0 0.0 145.8
176 71.5 0.0 137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044317.D
Acq: 16 Dec 2024 12:38

Tgt Ion: 117 Resp: 196610
Ion Ratio Lower Upper
117 100
82 54.3 45.8 68.8
119 31.7 25.0 37.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044317.D

Acq: 16 Dec 2024 12:38

Instrument :

MSVOA_X

ClientSampleId :

Storage-Blank-SAMPLE-MANAGEMENT

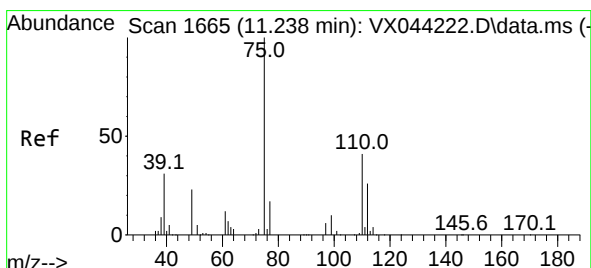
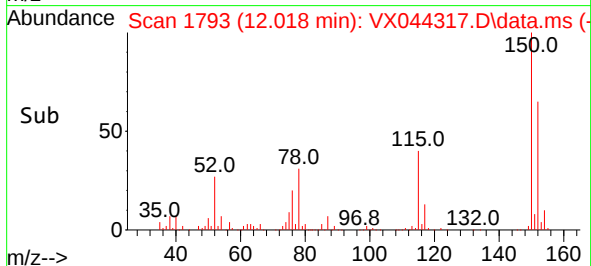
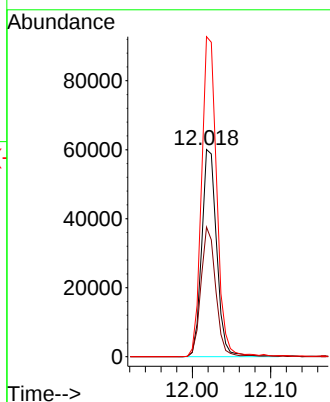
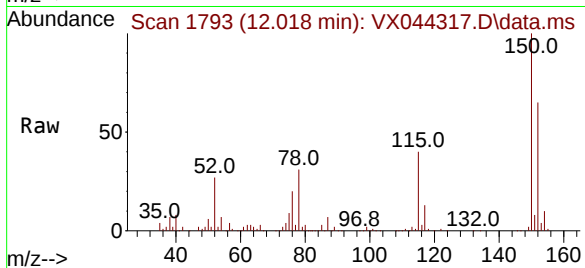
Tgt Ion:152 Resp: 79808

Ion Ratio Lower Upper

152 100

115 61.2 44.5 133.3

150 156.2 0.0 353.8



#76

1,2,3-Trichloropropane

Concen: 27.362 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX044317.D

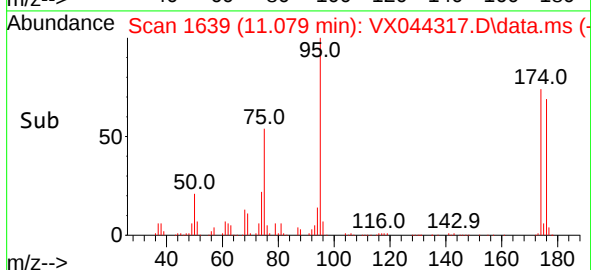
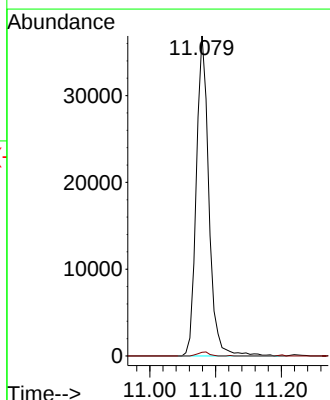
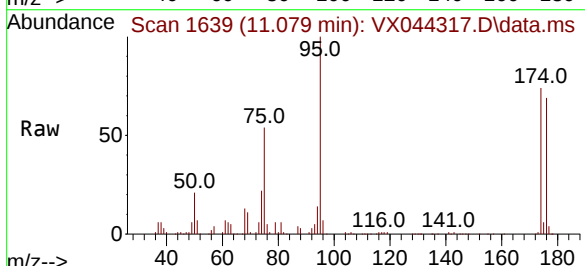
Acq: 16 Dec 2024 12:38

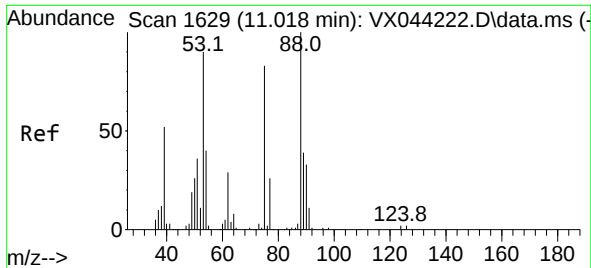
Tgt Ion: 75 Resp: 48757

Ion Ratio Lower Upper

75 100

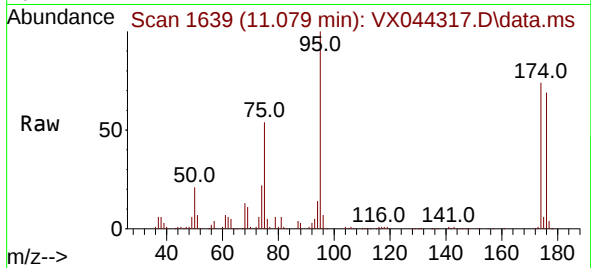
77 1.1 20.9 62.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 75.237 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX044317.D
Acq: 16 Dec 2024 12:38

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT



Tgt Ion: 75 Resp: 48757
Ion Ratio Lower Upper
75 100
53 0.0 93.6 140.4#
89 0.0 37.3 55.9#

