

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080124\
 Data File : VX042802.D
 Acq On : 01 Aug 2024 18:06
 Operator : JC/MD
 Sample : P3396-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 P001-CF03-01

Quant Time: Aug 02 03:15:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 01 16:40:12 2024
 Response via : Initial Calibration

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

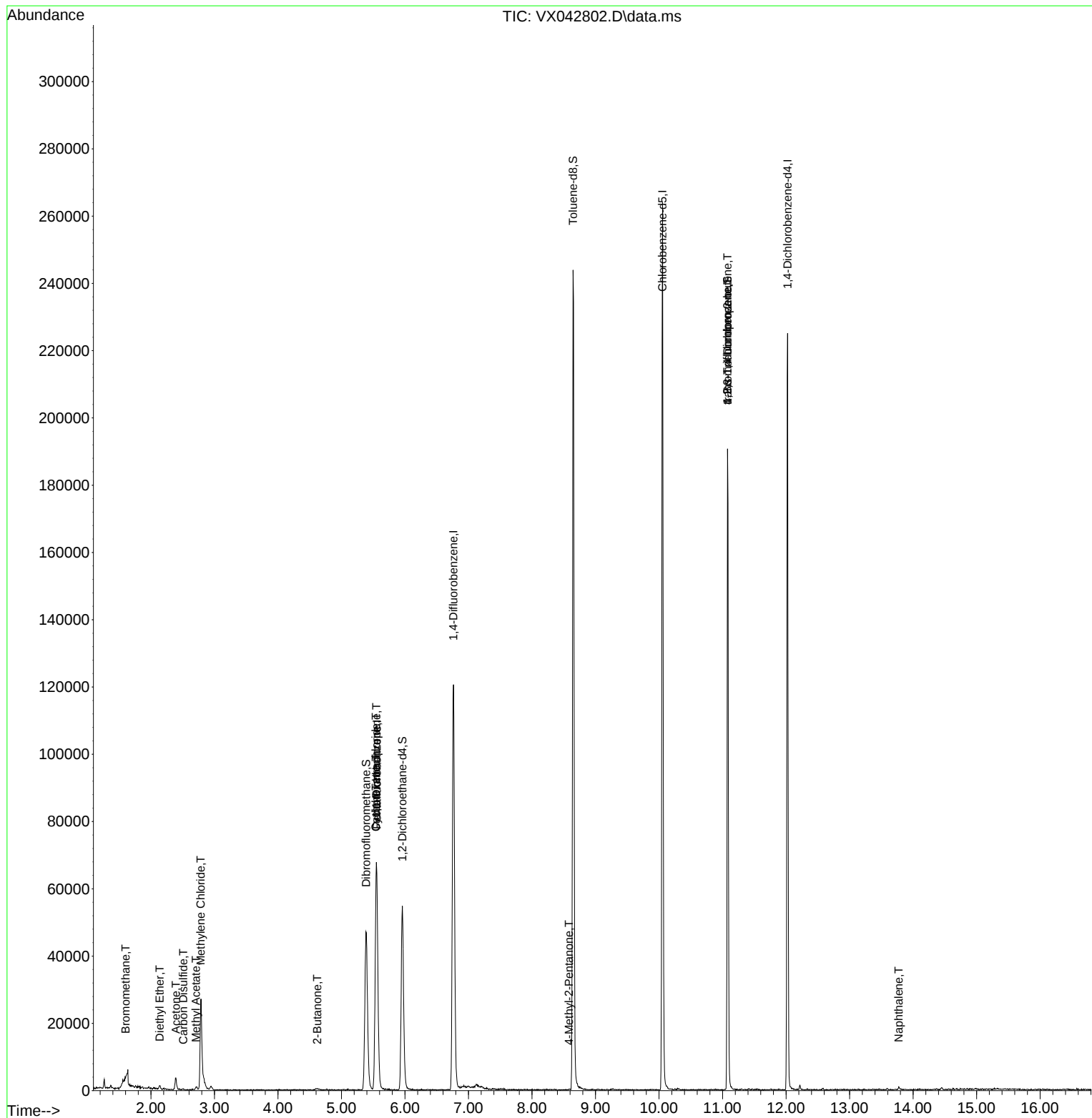
Internal Standards						
1) Pentafluorobenzene	5.556	168	59285	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	121945	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	116110	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	41741	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	54129	56.830	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 113.660%		
35) Dibromofluoromethane	5.385	113	42204	50.099	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.200%		
50) Toluene-d8	8.647	98	150204	49.123	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 98.240%		
62) 4-Bromofluorobenzene	11.079	95	53517	47.893	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 95.780%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	133	Below Cal	#	43
5) Bromomethane	1.599	94	115	0.454	ug/l #	3
8) Diethyl Ether	2.136	74	314	0.835	ug/l	85
11) Tert butyl alcohol	2.946	59	880	Below Cal	#	78
16) Acetone	2.392	43	4139	11.967	ug/l	98
17) Carbon Disulfide	2.507	76	344	0.211	ug/l #	76
18) Methyl Acetate	2.709	43	1580	1.820	ug/l #	86
20) Methylene Chloride	2.782	84	14903	18.218	ug/l #	90
25) 2-Butanone	4.617	43	627	1.234	ug/l #	51
31) Cyclohexane	5.543	56	1360	1.296	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	5580	5.108	ug/l #	53
38) Carbon Tetrachloride	5.543	117	6914	5.492	ug/l #	17
51) 4-Methyl-2-Pentanone	8.580	43	233	0.202	ug/l #	37
76) 1,2,3-Trichloropropane	11.079	75	28479	29.859	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	28479	88.375	ug/l #	5
95) Naphthalene	13.774	128	849	0.266	ug/l #	85

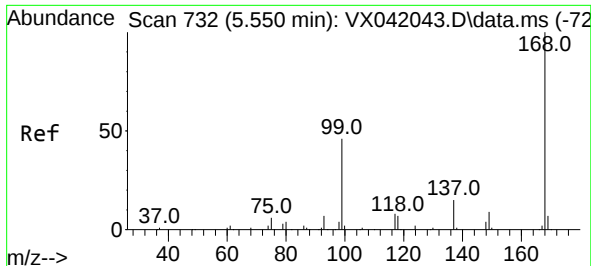
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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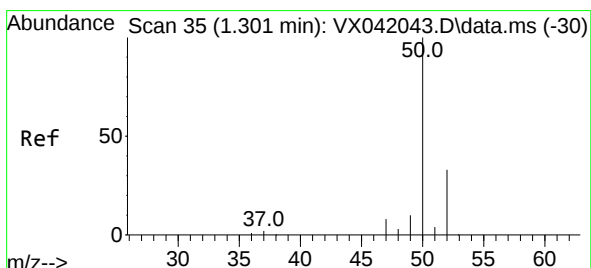
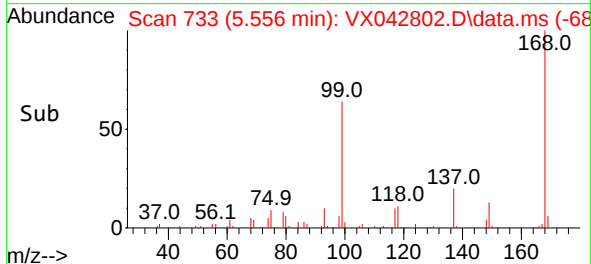
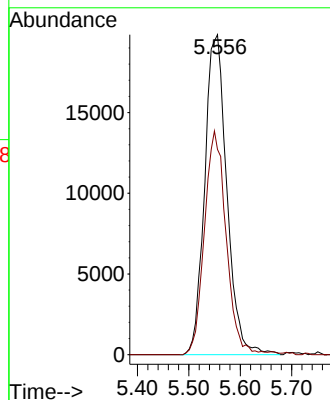
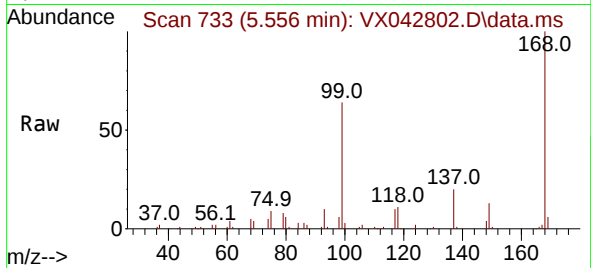




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX042802.D
Acq: 01 Aug 2024 18:06

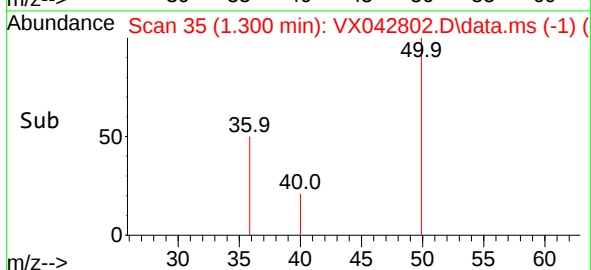
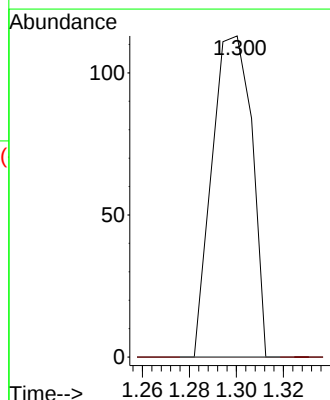
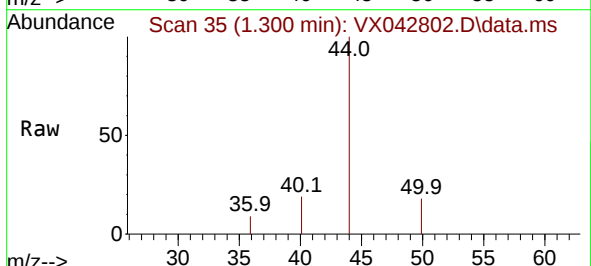
Instrument :
MSVOA_X
ClientSampleId :
P001-CF03-01

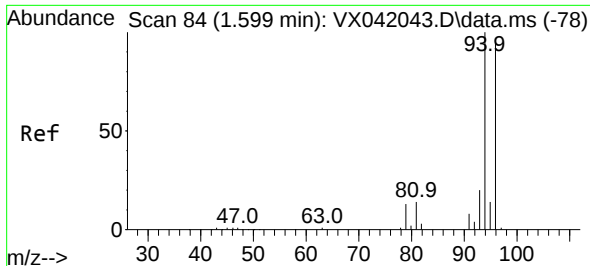
Tgt Ion:168 Resp: 59285
Ion Ratio Lower Upper
168 100
99 64.1 56.6 85.0



#3
Chloromethane
Concen: Below Cal
RT: 1.300 min Scan# 35
Delta R.T. -0.007 min
Lab File: VX042802.D
Acq: 01 Aug 2024 18:06

Tgt Ion: 50 Resp: 133
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

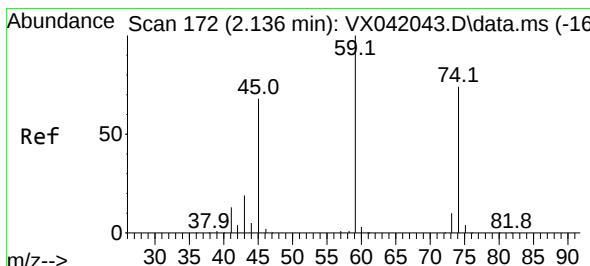
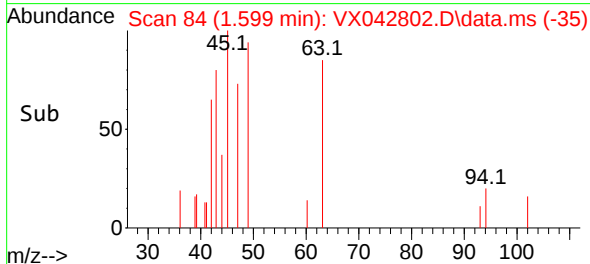
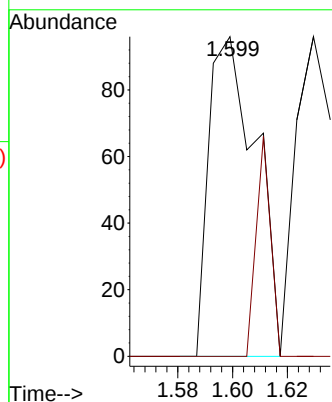
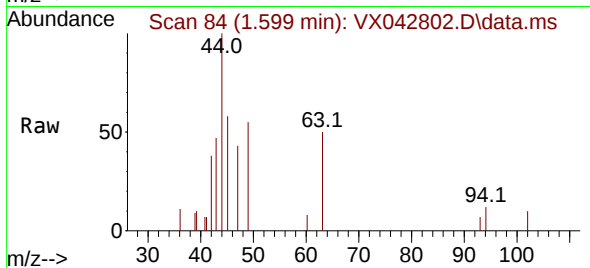




#5
Bromomethane
Concen: 0.454 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX042802.D
Acq: 01 Aug 2024 18:06

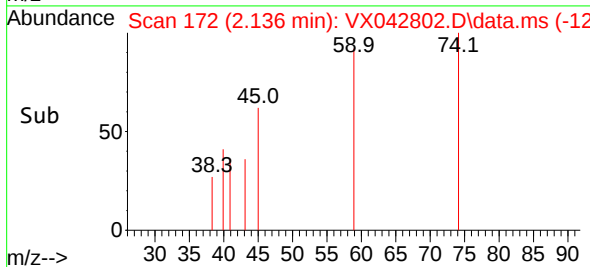
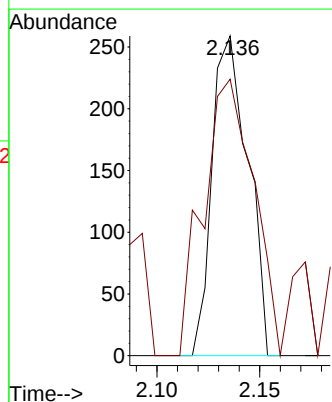
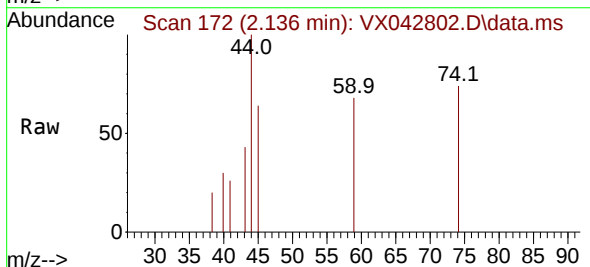
Instrument :
MSVOA_X
ClientSampleId :
P001-CF03-01

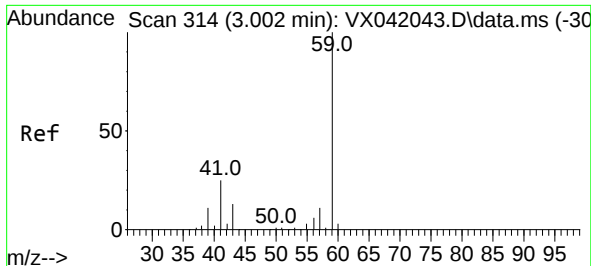
Tgt Ion: 94 Resp: 115
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



#8
Diethyl Ether
Concen: 0.835 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX042802.D
Acq: 01 Aug 2024 18:06

Tgt Ion: 74 Resp: 314
Ion Ratio Lower Upper
74 100
45 122.0 53.3 159.8

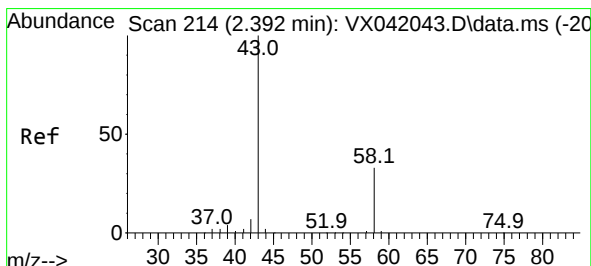
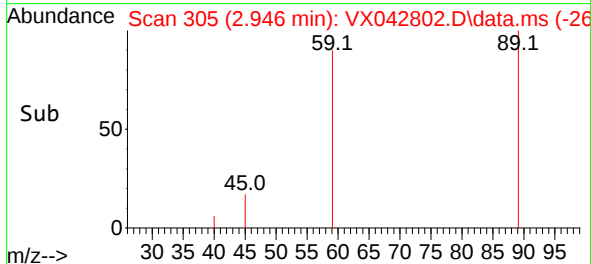
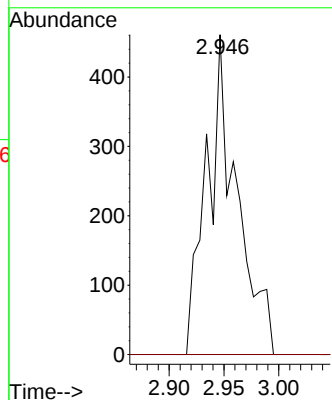
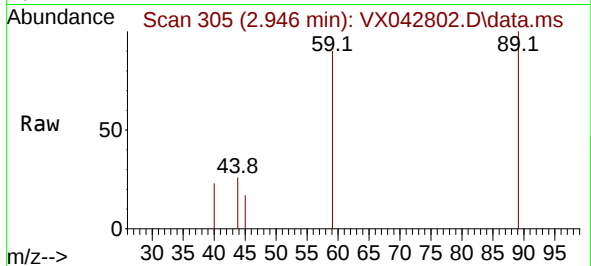




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.946 min Scan# 305
Delta R.T. -0.061 min
Lab File: VX042802.D
Acq: 01 Aug 2024 18:06

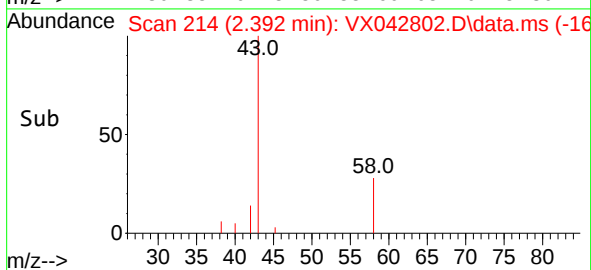
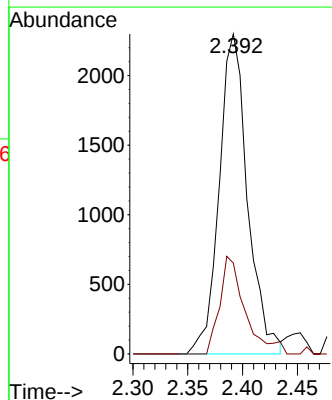
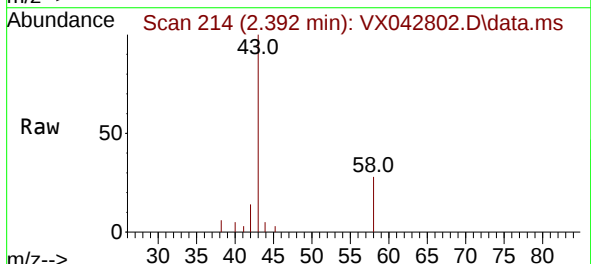
Instrument :
MSVOA_X
ClientSampleId :
P001-CF03-01

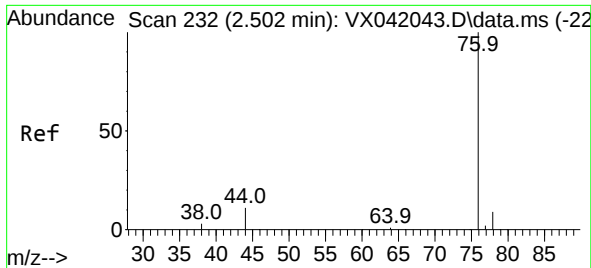
Tgt Ion: 59 Resp: 880
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#16
Acetone
Concen: 11.967 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX042802.D
Acq: 01 Aug 2024 18:06

Tgt Ion: 43 Resp: 4139
Ion Ratio Lower Upper
43 100
58 28.4 21.9 32.9





#17

Carbon Disulfide

Concen: 0.211 ug/l

RT: 2.507 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX042802.D

Acq: 01 Aug 2024 18:06

Instrument :

MSVOA_X

ClientSampleId :

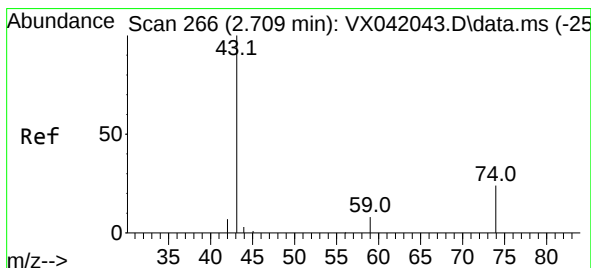
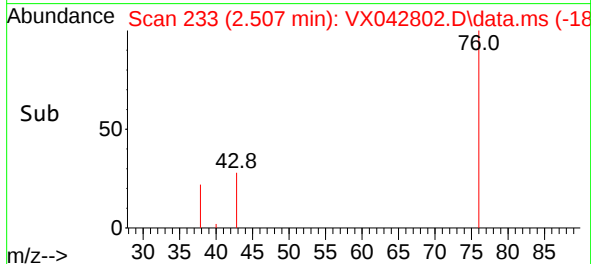
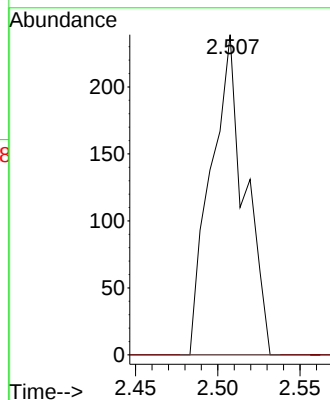
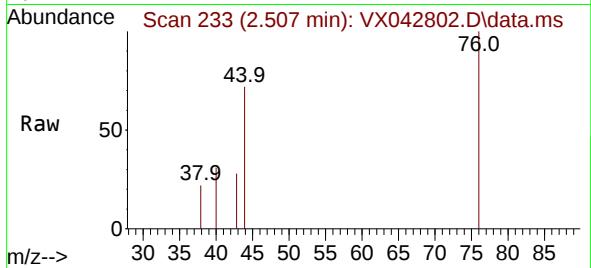
P001-CF03-01

Tgt Ion: 76 Resp: 344

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#18

Methyl Acetate

Concen: 1.820 ug/l

RT: 2.709 min Scan# 266

Delta R.T. -0.000 min

Lab File: VX042802.D

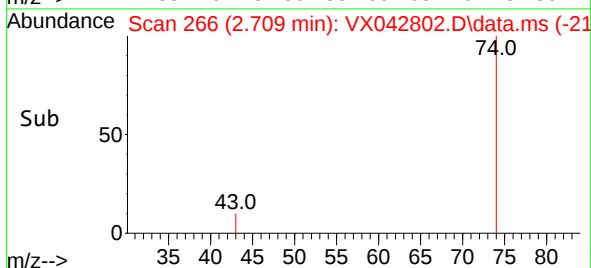
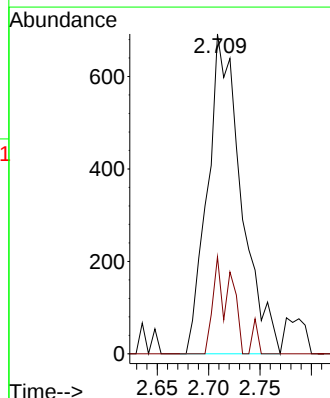
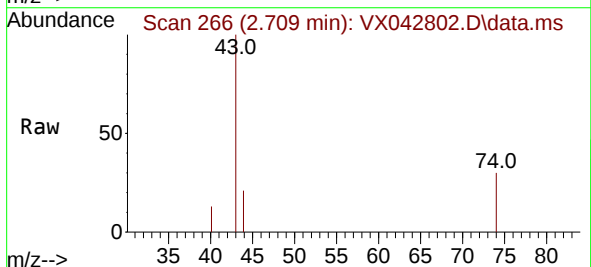
Acq: 01 Aug 2024 18:06

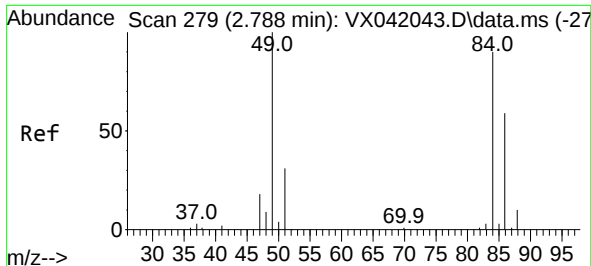
Tgt Ion: 43 Resp: 1580

Ion Ratio Lower Upper

43 100

74 15.6 17.8 26.8#

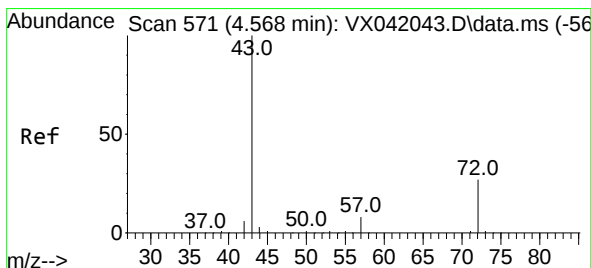
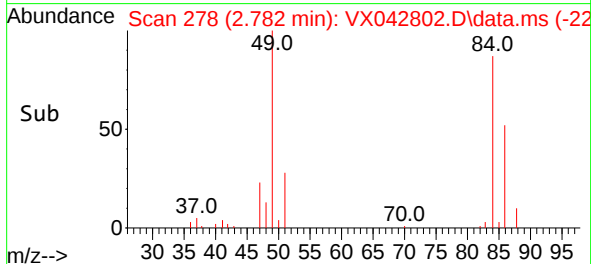
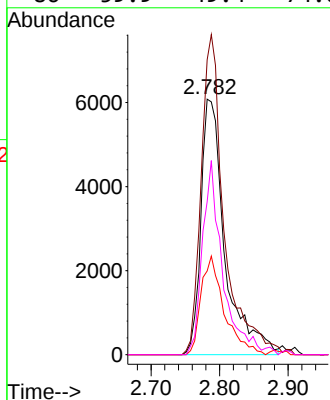
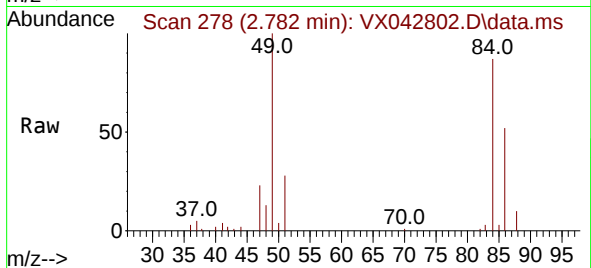




#20
Methylene Chloride
Concen: 18.218 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX042802.D
Acq: 01 Aug 2024 18:06

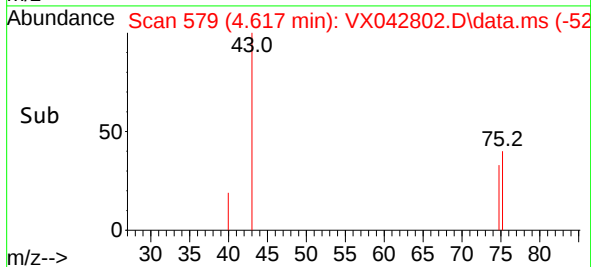
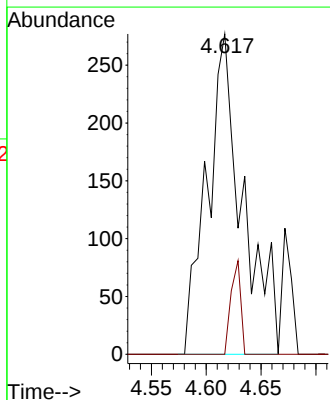
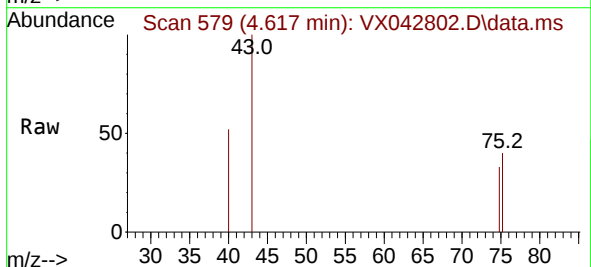
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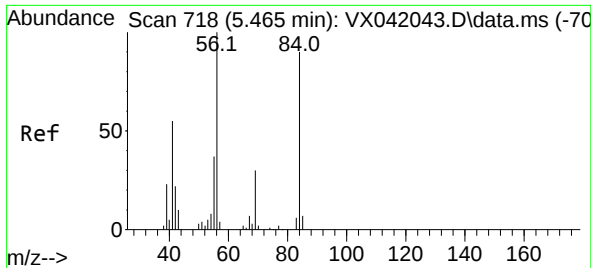
Tgt Ion:	84	Resp:	14903
Ion	Ratio	Lower	Upper
84	100		
49	115.4	103.6	155.4
51	32.7	33.8	50.6#
86	59.9	49.4	74.0



#25
2-Butanone
Concen: 1.234 ug/l
RT: 4.617 min Scan# 579
Delta R.T. 0.043 min
Lab File: VX042802.D
Acq: 01 Aug 2024 18:06

Tgt Ion:	43	Resp:	627
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.4	29.2#

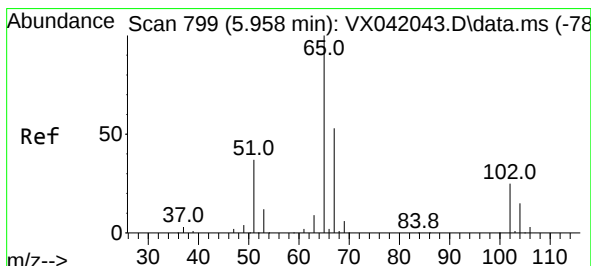
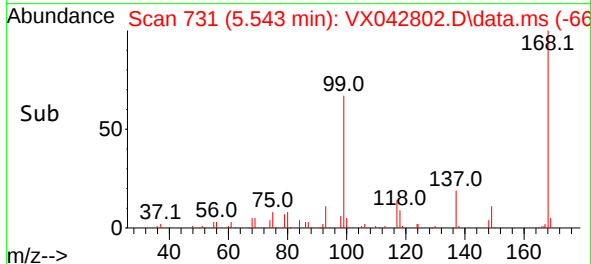
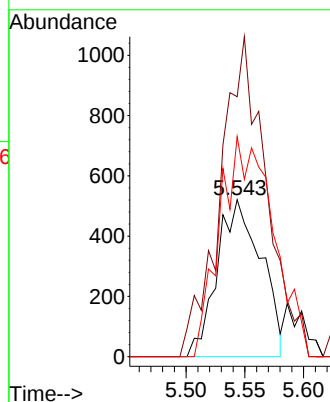
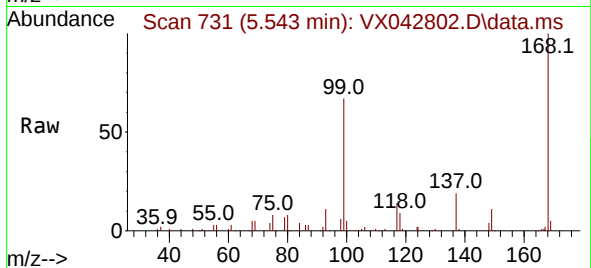




#31
Cyclohexane
Concen: 1.296 ug/l
RT: 5.543 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX042802.D
Acq: 01 Aug 2024 18:06

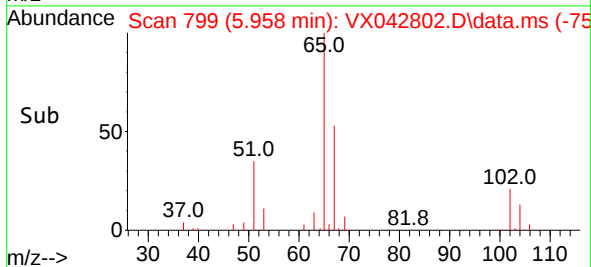
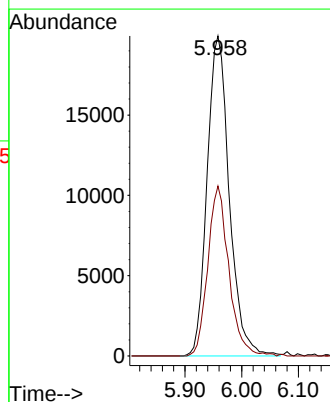
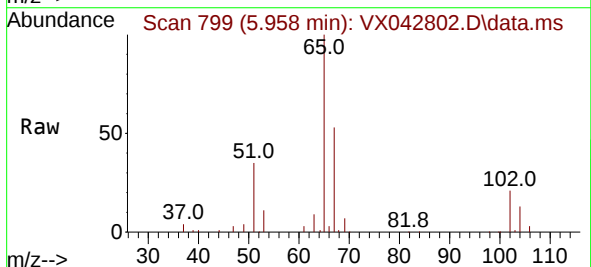
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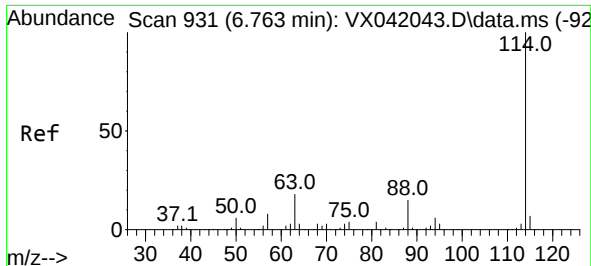
Tgt Ion: 56 Resp: 1360
Ion Ratio Lower Upper
56 100
69 165.6 23.4 35.2#
84 140.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 56.830 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX042802.D
Acq: 01 Aug 2024 18:06

Tgt Ion: 65 Resp: 54129
Ion Ratio Lower Upper
65 100
67 50.4 0.0 100.2

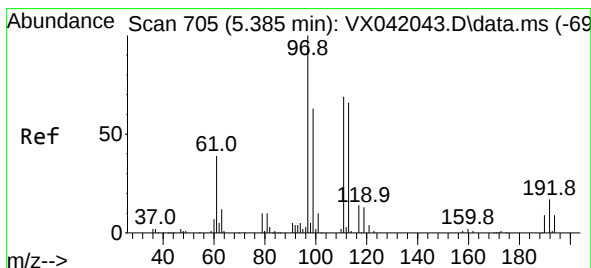
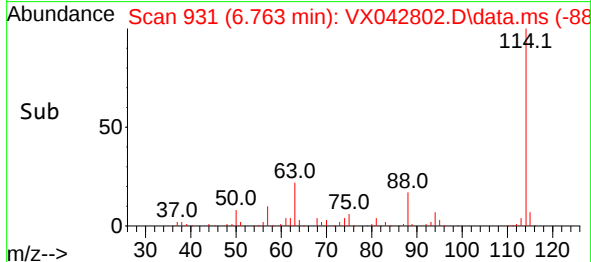
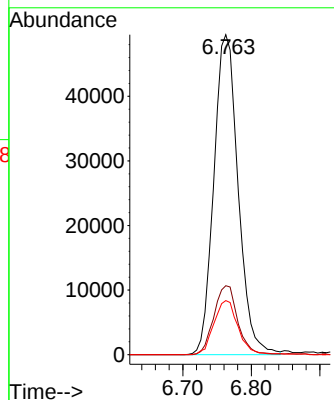
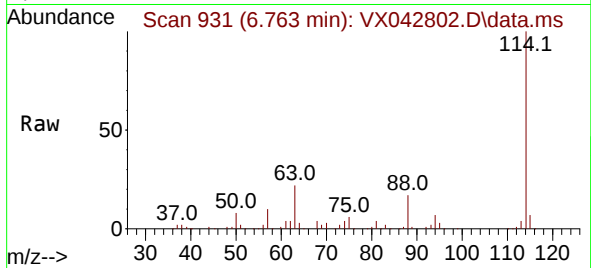




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX042802.D
Acq: 01 Aug 2024 18:06

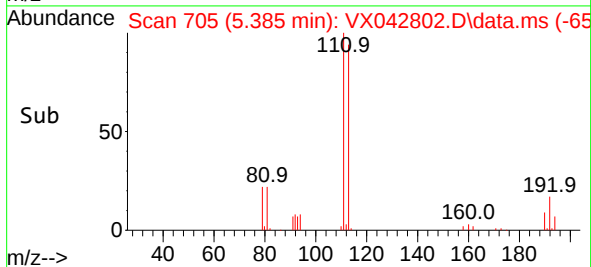
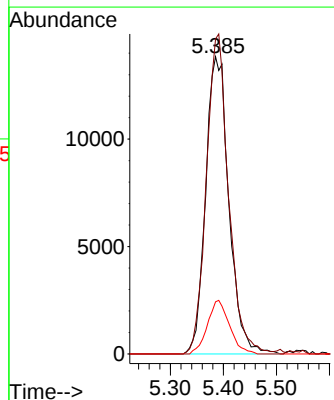
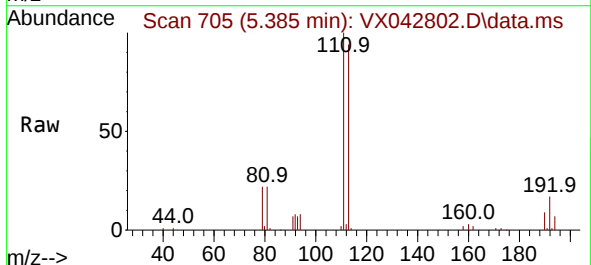
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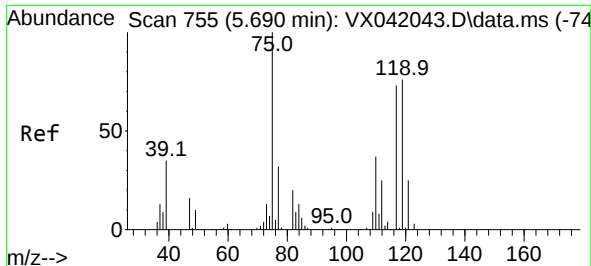
Tgt Ion:114 Resp: 121945
Ion Ratio Lower Upper
114 100
63 21.5 0.0 45.0
88 16.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 50.099 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042802.D
Acq: 01 Aug 2024 18:06

Tgt Ion:113 Resp: 42204
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 17.1 13.3 19.9





#36

1,1-Dichloropropene

Concen: 5.108 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX042802.D

Acq: 01 Aug 2024 18:06

Instrument :

MSVOA_X

ClientSampleId :

P001-CF03-01

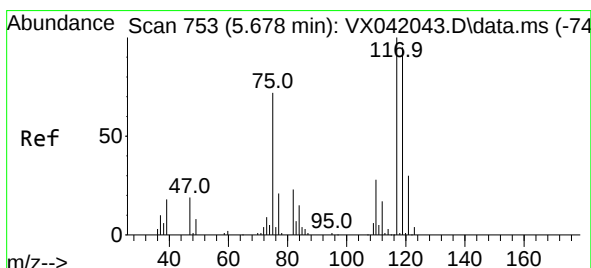
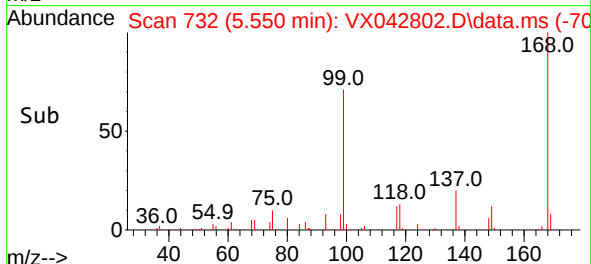
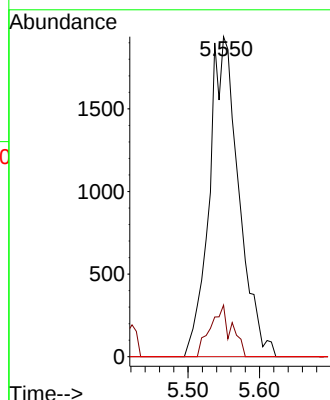
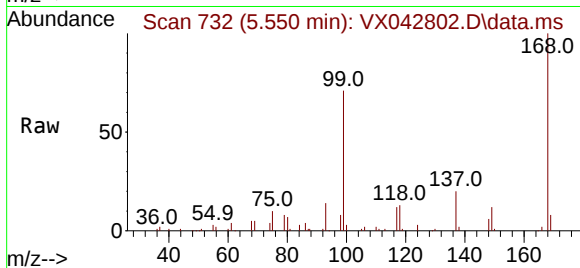
Tgt Ion: 75 Resp: 5580

Ion Ratio Lower Upper

75 100

110 11.5 17.0 50.9#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.492 ug/l

RT: 5.543 min Scan# 731

Delta R.T. -0.135 min

Lab File: VX042802.D

Acq: 01 Aug 2024 18:06

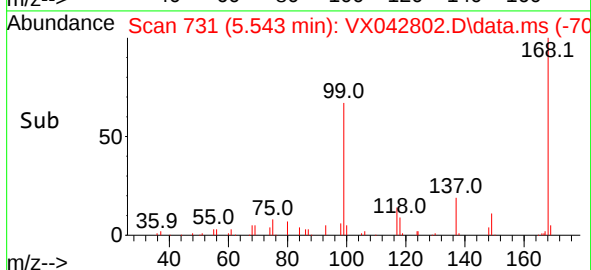
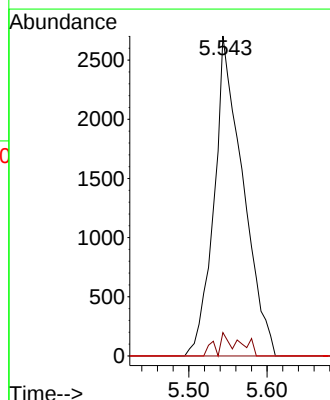
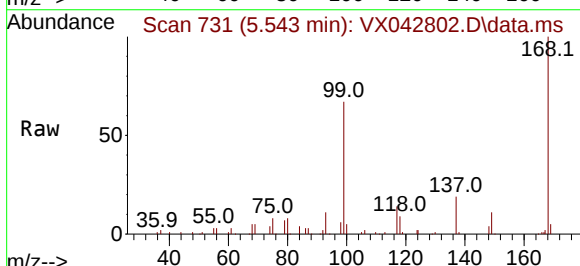
Tgt Ion: 117 Resp: 6914

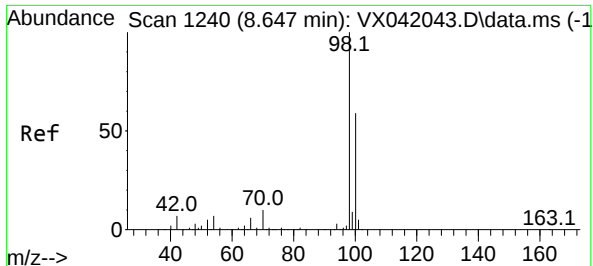
Ion Ratio Lower Upper

117 100

119 7.3 78.2 117.2#

121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 49.123 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX042802.D

Acq: 01 Aug 2024 18:06

Instrument :

MSVOA_X

ClientSampleId :

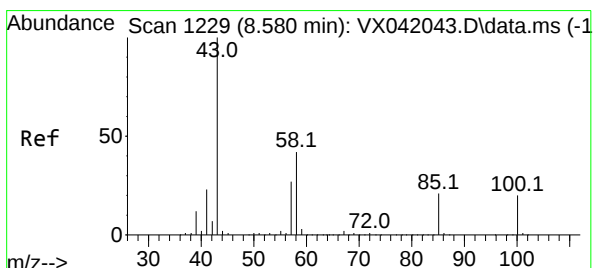
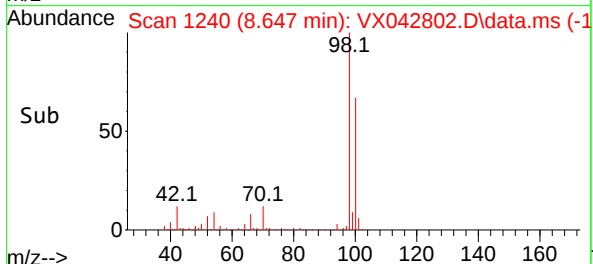
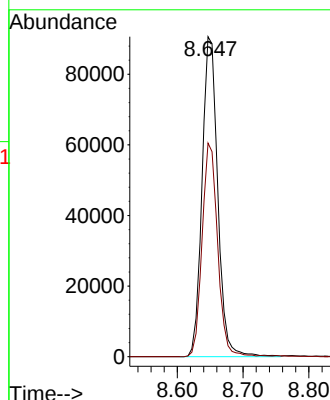
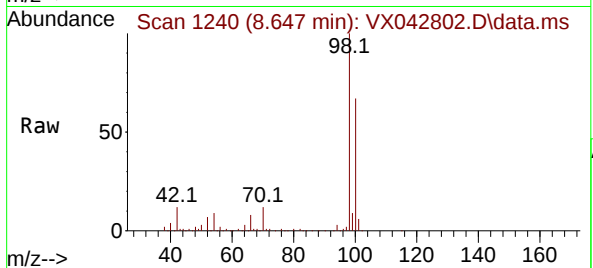
P001-CF03-01

Tgt Ion: 98 Resp: 150204

Ion Ratio Lower Upper

98 100

100 66.2 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.202 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VX042802.D

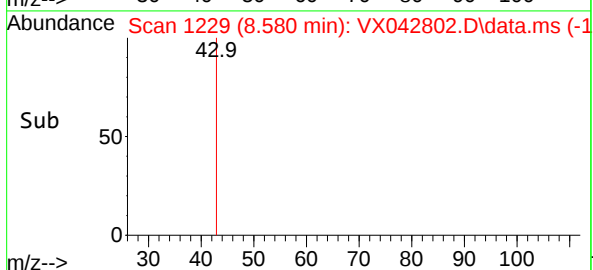
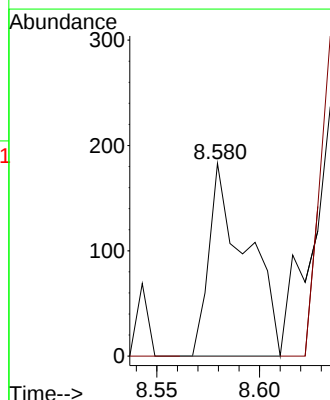
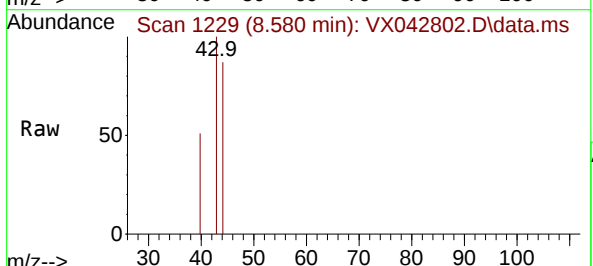
Acq: 01 Aug 2024 18:06

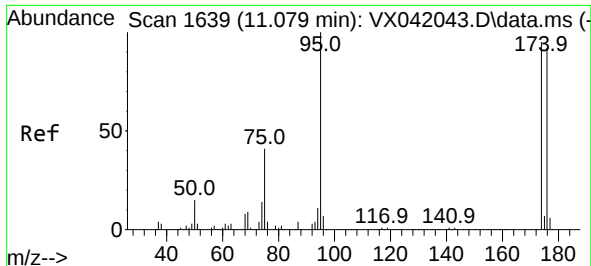
Tgt Ion: 43 Resp: 233

Ion Ratio Lower Upper

43 100

58 0.0 30.4 45.6#

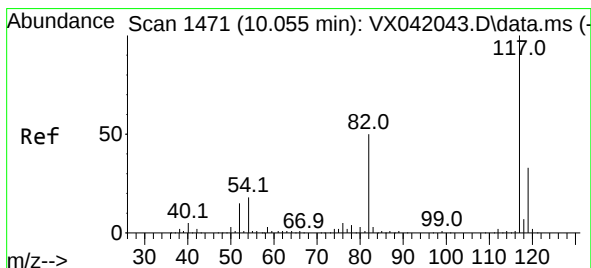
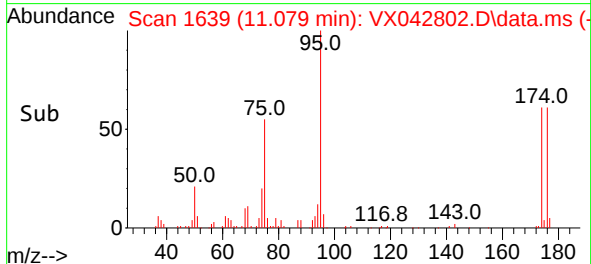
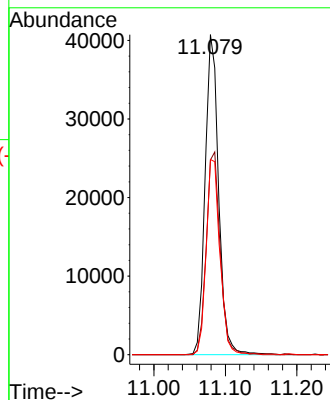
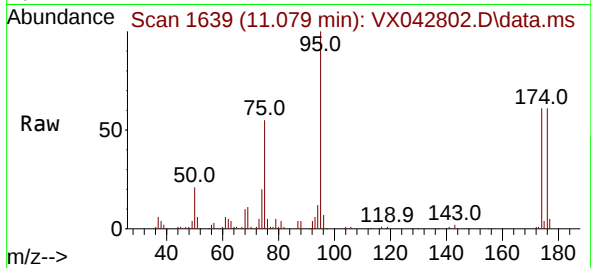




#62
4-Bromofluorobenzene
Concen: 47.893 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042802.D
Acq: 01 Aug 2024 18:06

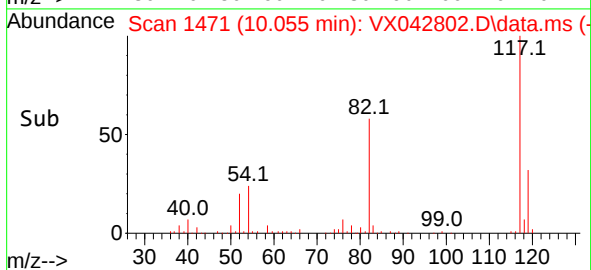
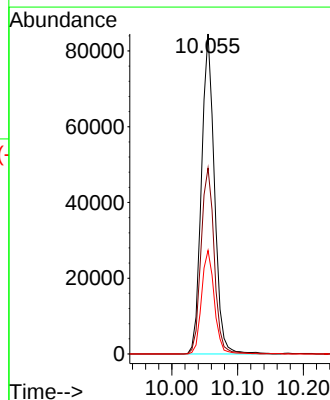
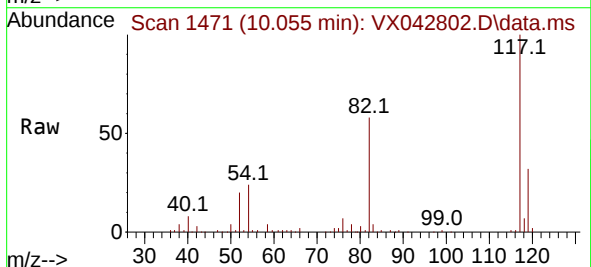
Instrument :
MSVOA_X
ClientSampleId :
P001-CF03-01

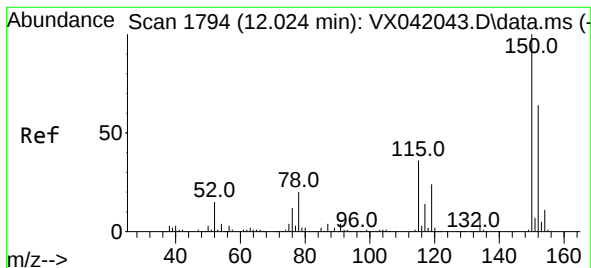
Tgt Ion: 95 Resp: 53517
Ion Ratio Lower Upper
95 100
174 65.4 0.0 135.6
176 62.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042802.D
Acq: 01 Aug 2024 18:06

Tgt Ion: 117 Resp: 116110
Ion Ratio Lower Upper
117 100
82 58.1 46.2 69.4
119 32.4 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX042802.D

Acq: 01 Aug 2024 18:06

Instrument :

MSVOA_X

ClientSampleId :

P001-CF03-01

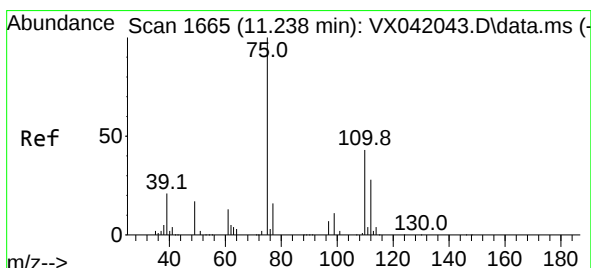
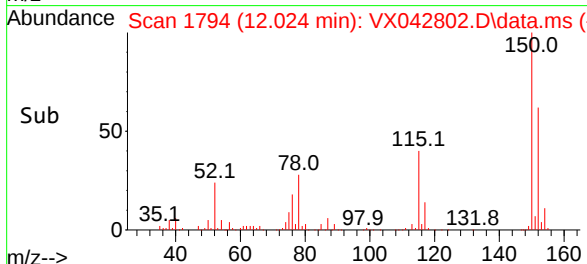
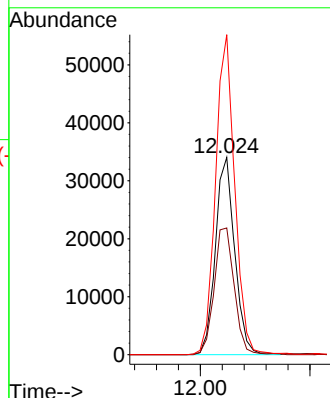
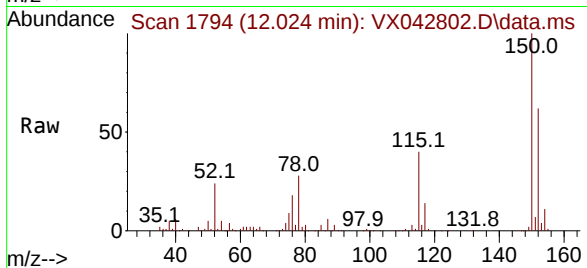
Tgt Ion:152 Resp: 41741

Ion Ratio Lower Upper

152 100

115 66.8 43.3 129.9

150 160.9 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 29.859 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX042802.D

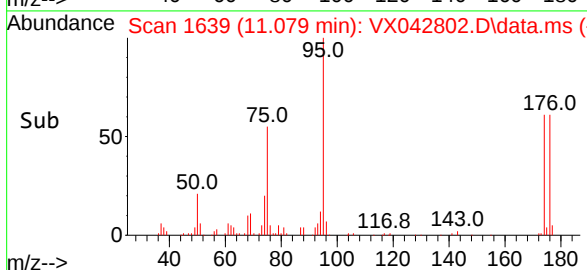
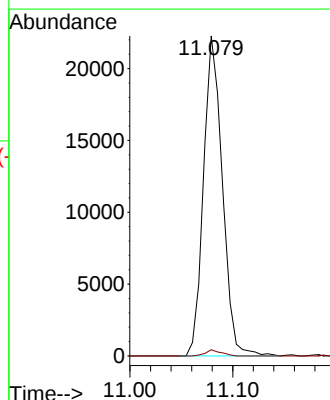
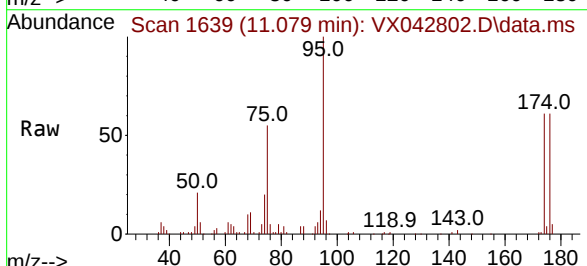
Acq: 01 Aug 2024 18:06

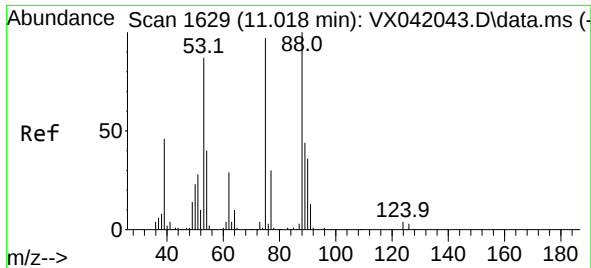
Tgt Ion: 75 Resp: 28479

Ion Ratio Lower Upper

75 100

77 1.6 19.1 57.5#

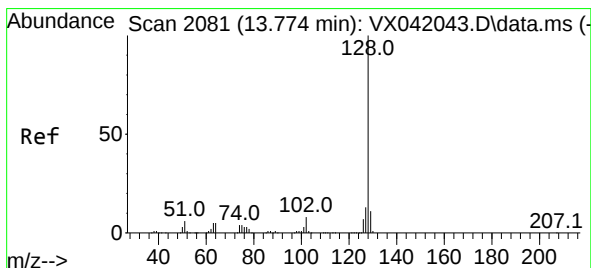
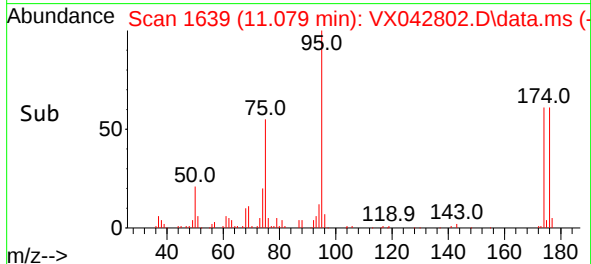
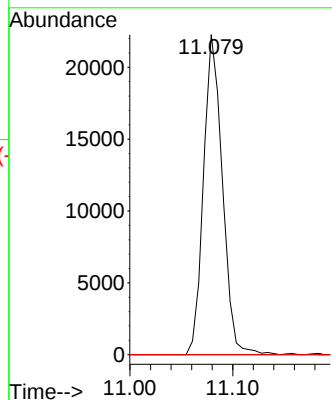
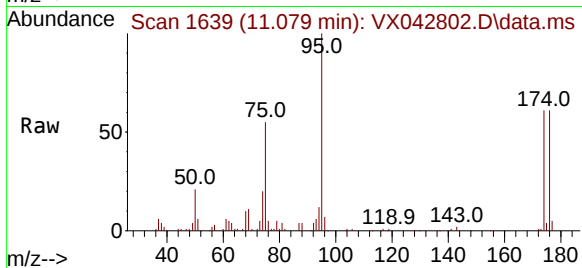




#81
trans-1,4-Dichloro-2-butene
Concen: 88.375 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX042802.D
Acq: 01 Aug 2024 18:06

Instrument :
MSVOA_X
ClientSampleId :
P001-CF03-01

Tgt Ion: 75 Resp: 28479
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 0.266 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX042802.D
Acq: 01 Aug 2024 18:06

Tgt Ion: 128 Resp: 849
Ion Ratio Lower Upper
128 100
127 9.3 10.3 15.5#
129 2.4 8.8 13.2#

