

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080124\
 Data File : VX042801.D
 Acq On : 01 Aug 2024 17:43
 Operator : JC/MD
 Sample : P3396-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 P001-CF02-01

Quant Time: Aug 02 03:15:27 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)

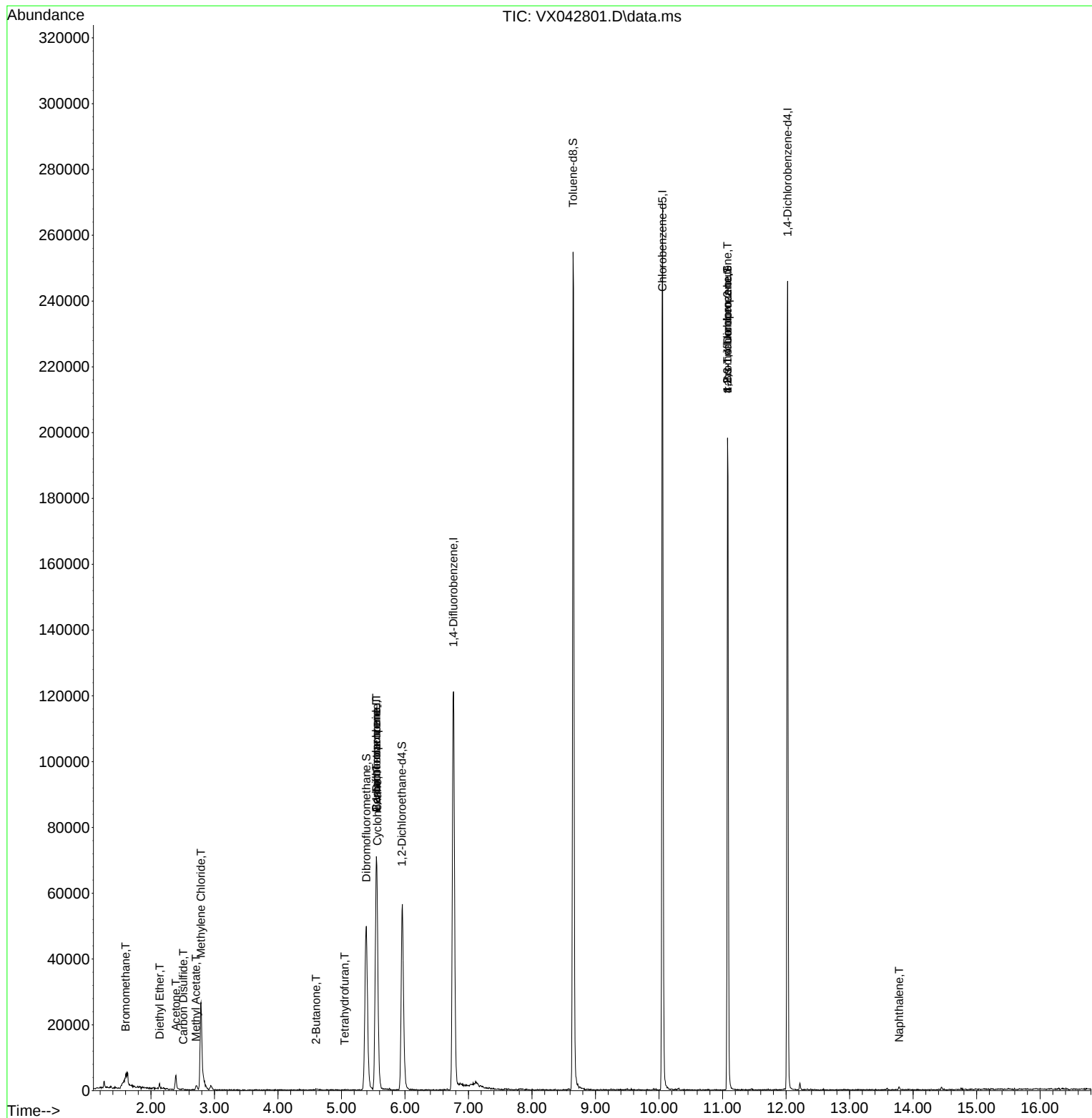
Internal Standards						
1) Pentafluorobenzene	5.550	168	61581	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	126042	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121041	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	47896	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	55631	56.230	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 112.460%		
35) Dibromofluoromethane	5.391	113	44183	50.744	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.480%		
50) Toluene-d8	8.647	98	154509	48.888	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 97.780%		
62) 4-Bromofluorobenzene	11.079	95	55636	48.171	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 96.340%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	221	Below Cal	#	43
5) Bromomethane	1.599	94	169	0.642	ug/l #	27
8) Diethyl Ether	2.136	74	343	0.878	ug/l	63
11) Tert butyl alcohol	3.008	59	62	Below Cal	#	78
16) Acetone	2.392	43	4700	13.083	ug/l	94
17) Carbon Disulfide	2.508	76	456	0.270	ug/l #	76
18) Methyl Acetate	2.709	43	1858	2.061	ug/l #	87
20) Methylene Chloride	2.788	84	15154	17.817	ug/l	90
25) 2-Butanone	4.599	43	429	0.813	ug/l #	51
29) Tetrahydrofuran	5.050	42	74	0.225	ug/l #	34
31) Cyclohexane	5.562	56	1700	1.559	ug/l #	49
36) 1,1-Dichloropropene	5.550	75	5948	5.268	ug/l #	51
38) Carbon Tetrachloride	5.550	117	6925	5.322	ug/l #	19
76) 1,2,3-Trichloropropane	11.079	75	29452	26.911	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	29452	79.650	ug/l #	5
95) Naphthalene	13.780	128	895	0.244	ug/l #	88

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

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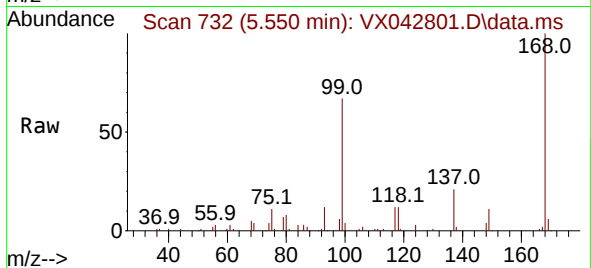
Quant Time: Aug 02 03:15:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080124W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 01 16:40:12 2024
Response via : Initial Calibration



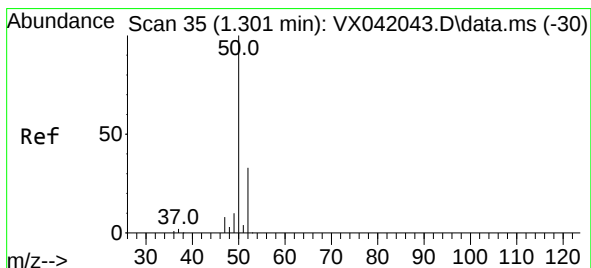
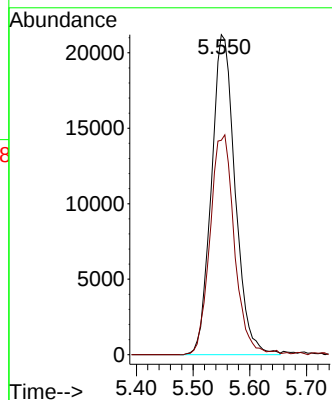
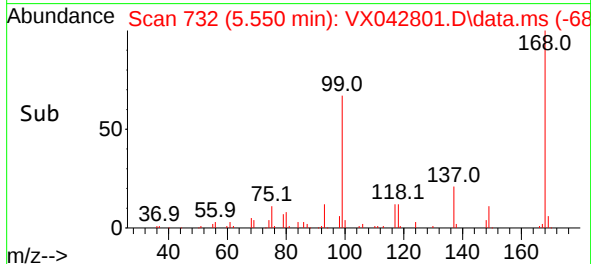


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042801.D
Acq: 01 Aug 2024 17:43

Instrument :
MSVOA_X
ClientSampleId :
P001-CF02-01

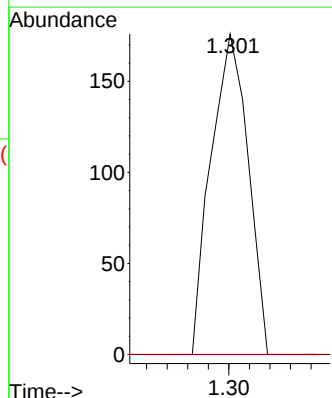
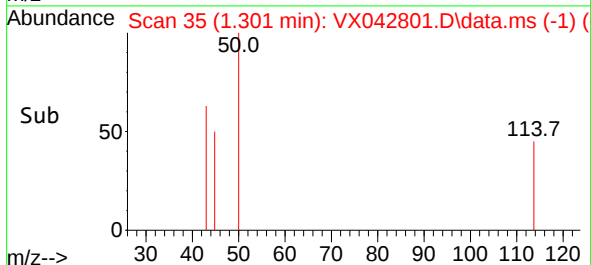
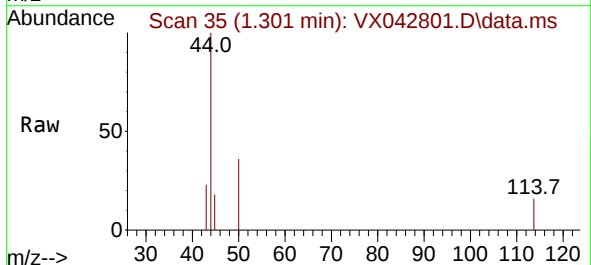


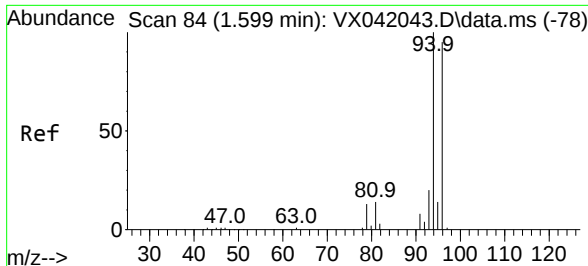
Tgt Ion:168 Resp: 61581
Ion Ratio Lower Upper
168 100
99 67.0 56.6 85.0



#3
Chloromethane
Concen: Below Cal
RT: 1.301 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX042801.D
Acq: 01 Aug 2024 17:43

Tgt Ion: 50 Resp: 221
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

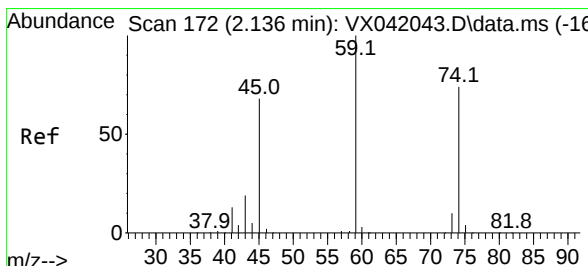
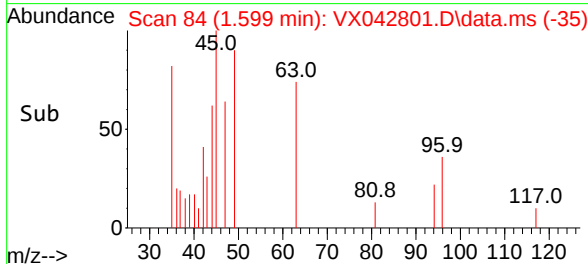
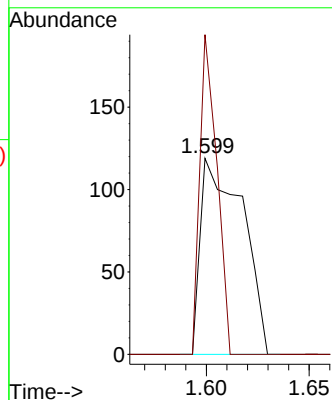
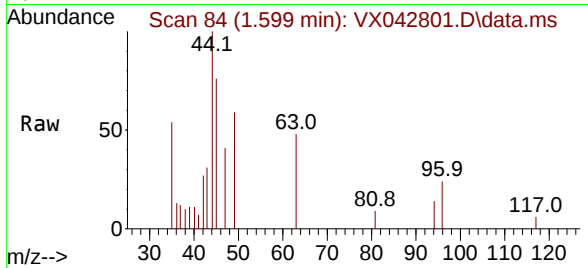




#5
Bromomethane
Concen: 0.642 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX042801.D
Acq: 01 Aug 2024 17:43

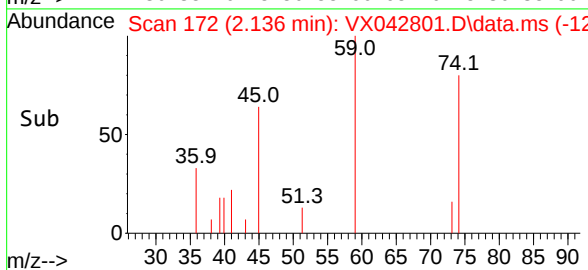
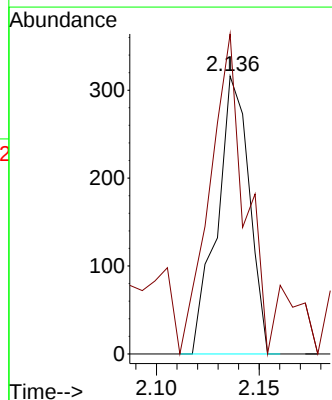
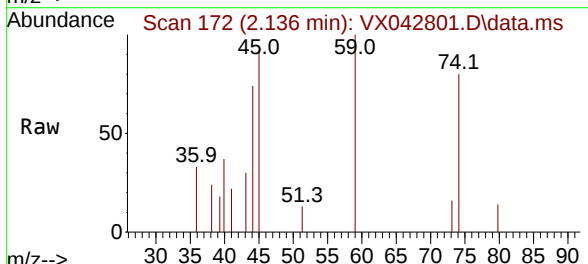
Instrument :
MSVOA_X
ClientSampleId :
P001-CF02-01

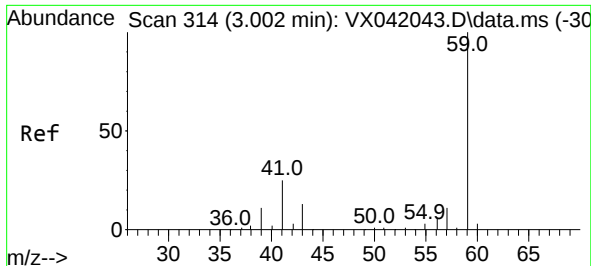
Tgt Ion: 94 Resp: 169
Ion Ratio Lower Upper
94 100
96 163.0 74.6 111.8#



#8
Diethyl Ether
Concen: 0.878 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX042801.D
Acq: 01 Aug 2024 17:43

Tgt Ion: 74 Resp: 343
Ion Ratio Lower Upper
74 100
45 144.9 53.3 159.8





#11

Tert butyl alcohol

Concen: Below Cal

RT: 3.008 min Scan# 31

Delta R.T. 0.001 min

Lab File: VX042801.D

Acq: 01 Aug 2024 17:43

Instrument :

MSVOA_X

ClientSampleId :

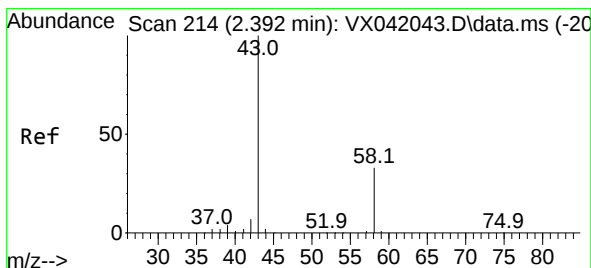
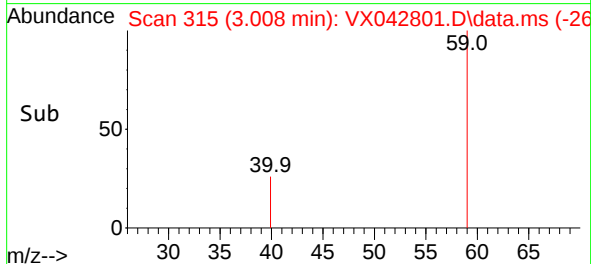
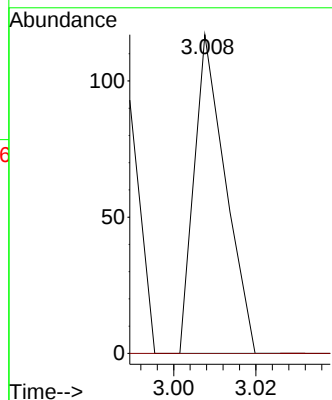
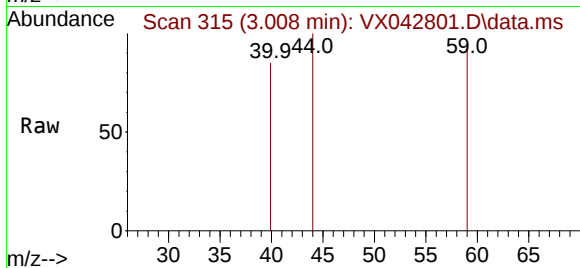
P001-CF02-01

Tgt Ion: 59 Resp: 62

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 13.083 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX042801.D

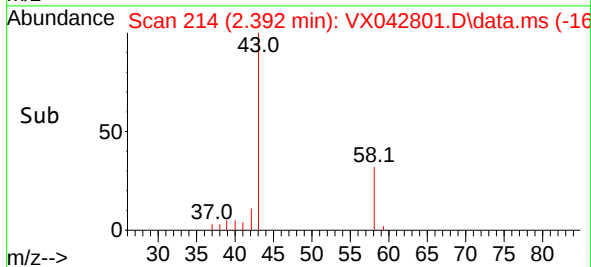
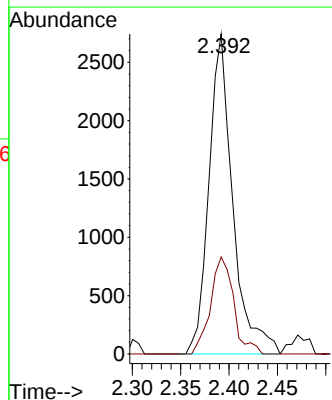
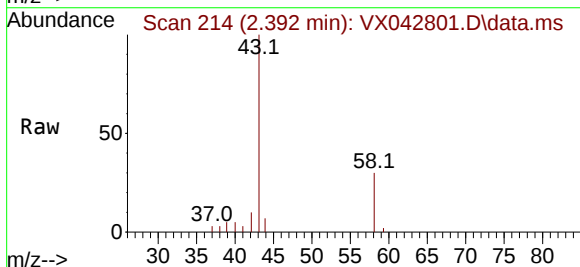
Acq: 01 Aug 2024 17:43

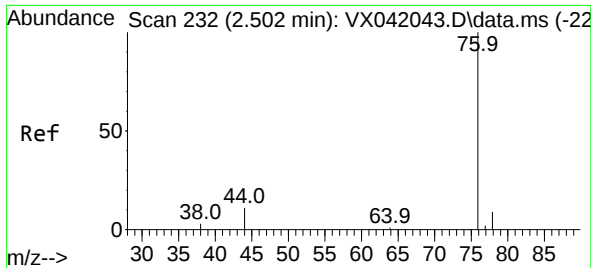
Tgt Ion: 43 Resp: 4700

Ion Ratio Lower Upper

43 100

58 30.3 21.9 32.9





#17

Carbon Disulfide

Concen: 0.270 ug/l

RT: 2.508 min Scan# 21

Delta R.T. 0.007 min

Lab File: VX042801.D

Acq: 01 Aug 2024 17:43

Instrument :

MSVOA_X

ClientSampleId :

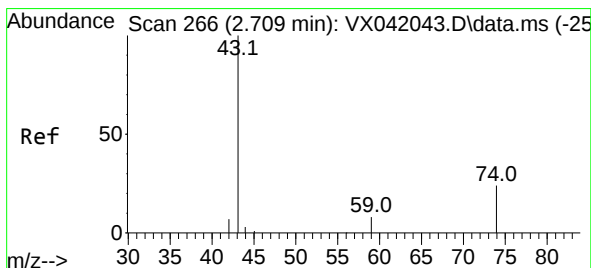
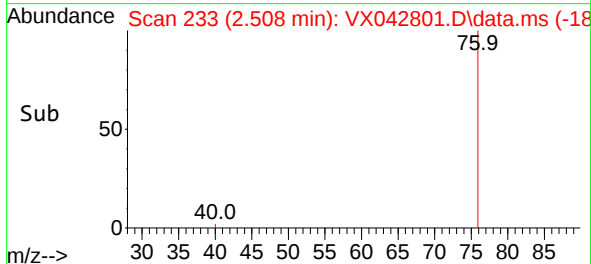
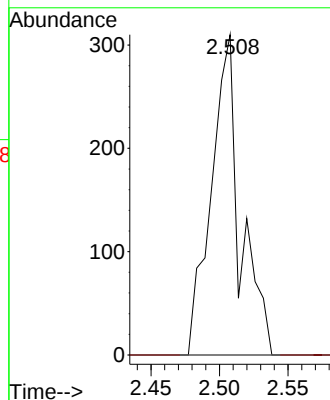
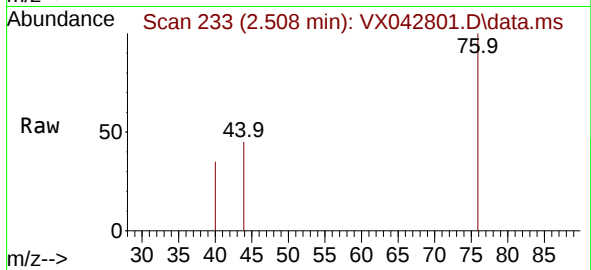
P001-CF02-01

Tgt Ion: 76 Resp: 456

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#18

Methyl Acetate

Concen: 2.061 ug/l

RT: 2.709 min Scan# 266

Delta R.T. -0.000 min

Lab File: VX042801.D

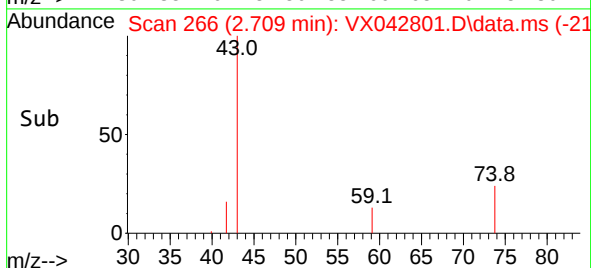
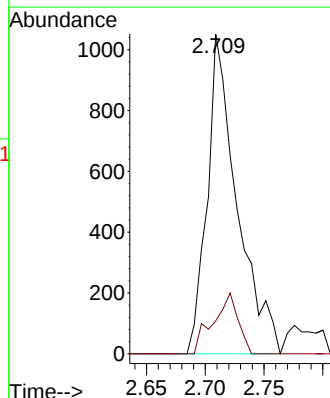
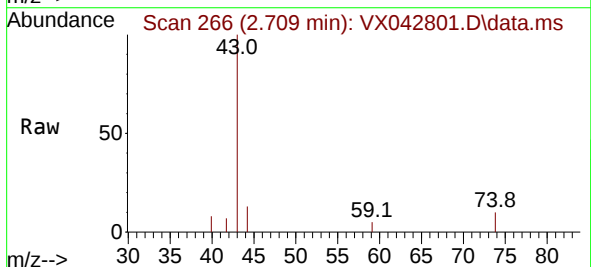
Acq: 01 Aug 2024 17:43

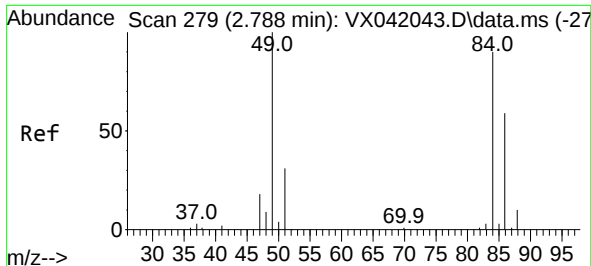
Tgt Ion: 43 Resp: 1858

Ion Ratio Lower Upper

43 100

74 16.0 17.8 26.8#

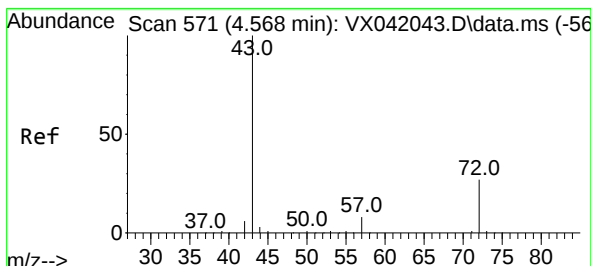
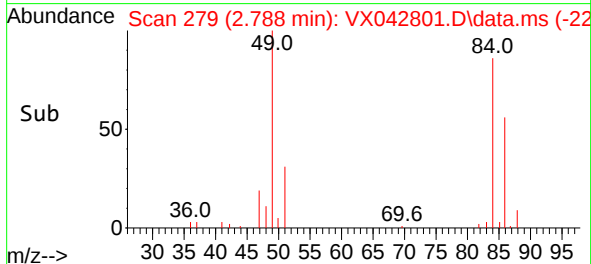
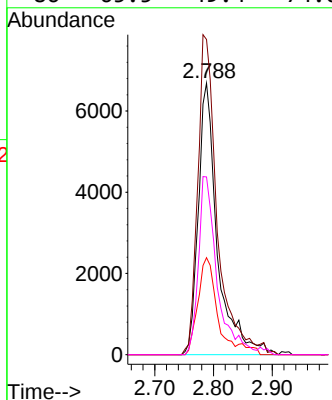
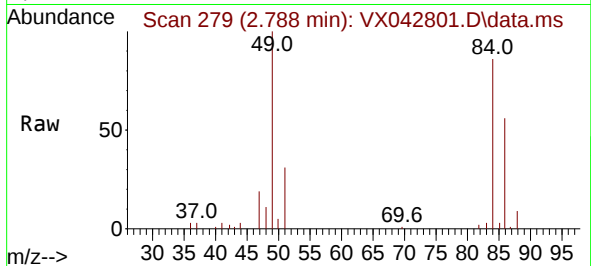




#20
Methylene Chloride
Concen: 17.817 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX042801.D
Acq: 01 Aug 2024 17:43

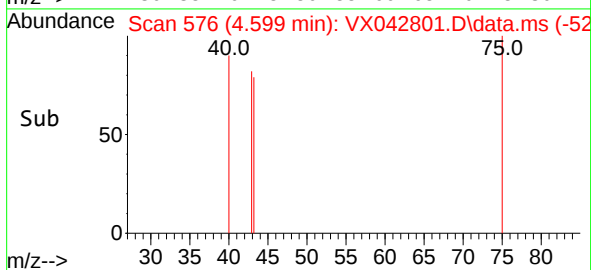
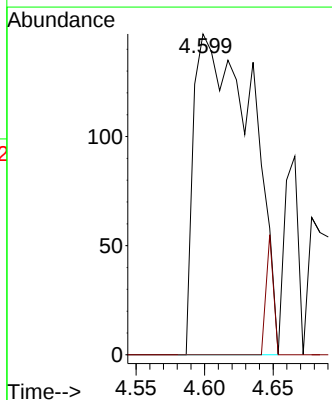
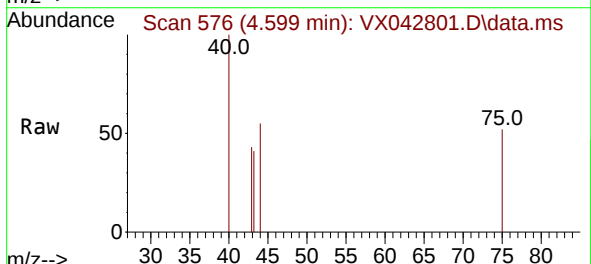
Instrument :
MSVOA_X
ClientSampleId :
P001-CF02-01

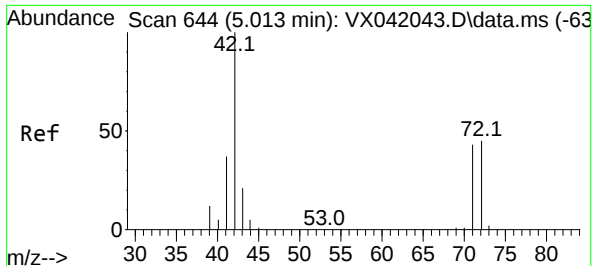
Tgt Ion:	84	Resp:	15154
Ion	Ratio	Lower	Upper
84	100		
49	116.1	103.6	155.4
51	35.7	33.8	50.6
86	65.5	49.4	74.0



#25
2-Butanone
Concen: 0.813 ug/l
RT: 4.599 min Scan# 576
Delta R.T. 0.025 min
Lab File: VX042801.D
Acq: 01 Aug 2024 17:43

Tgt Ion:	43	Resp:	429
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.4	29.2#





#29

Tetrahydrofuran

Concen: 0.225 ug/l

RT: 5.050 min Scan# 61

Delta R.T. 0.031 min

Lab File: VX042801.D

Acq: 01 Aug 2024 17:43

Instrument :

MSVOA_X

ClientSampleId :

P001-CF02-01

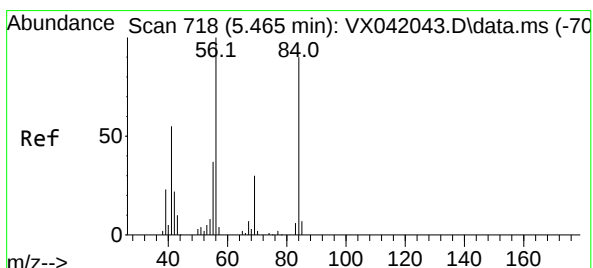
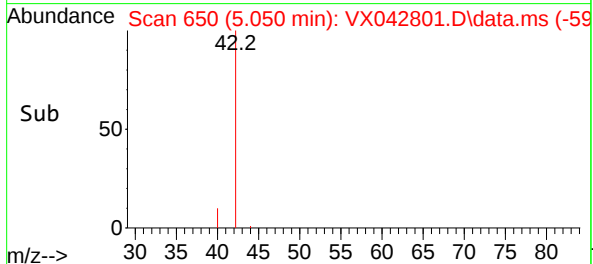
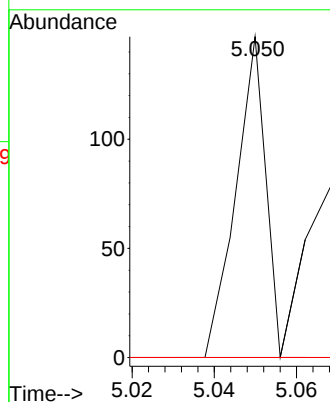
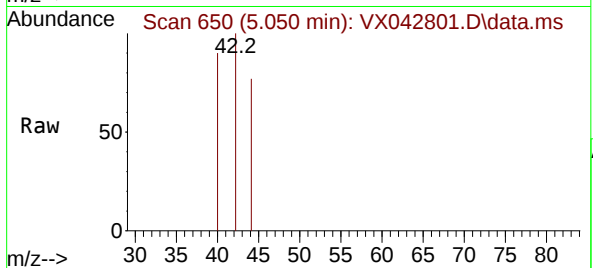
Tgt Ion: 42 Resp: 74

Ion Ratio Lower Upper

42 100

72 0.0 34.2 51.4#

71 0.0 32.2 48.2#



#31

Cyclohexane

Concen: 1.559 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.098 min

Lab File: VX042801.D

Acq: 01 Aug 2024 17:43

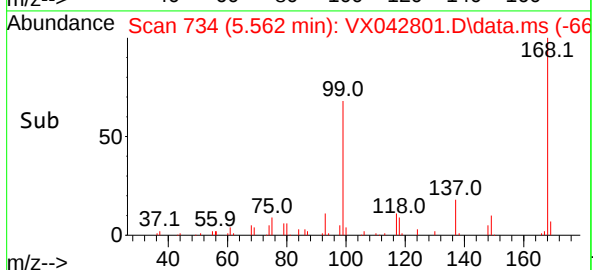
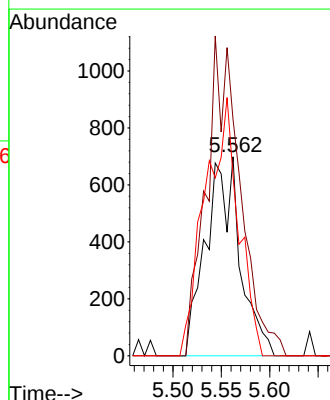
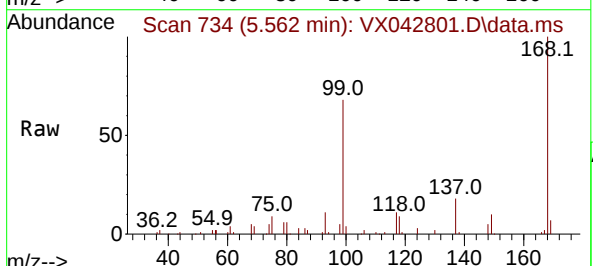
Tgt Ion: 56 Resp: 1700

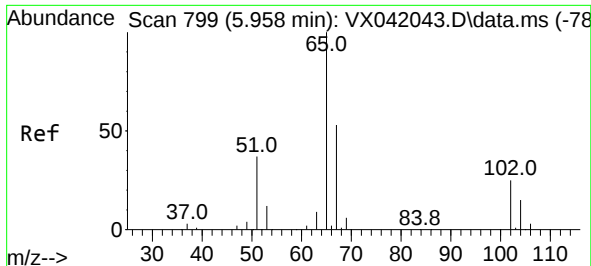
Ion Ratio Lower Upper

56 100

69 118.9 23.4 35.2#

84 90.7 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 56.230 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX042801.D

Acq: 01 Aug 2024 17:43

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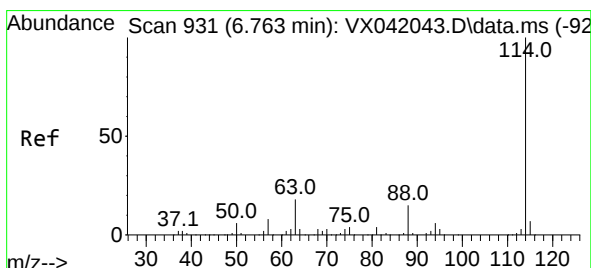
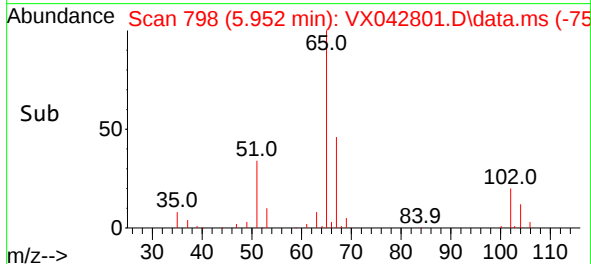
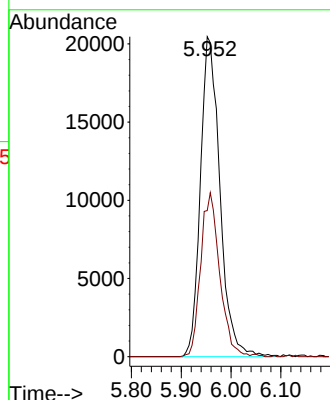
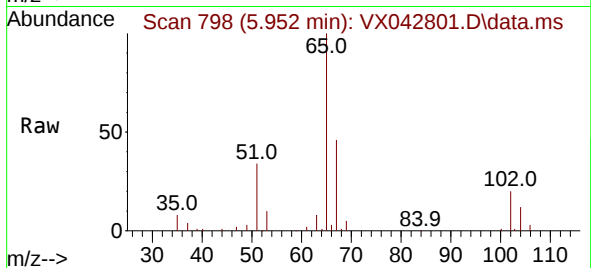
P001-CF02-01

Tgt Ion: 65 Resp: 55631

Ion Ratio Lower Upper

65 100

67 49.8 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX042801.D

Acq: 01 Aug 2024 17:43

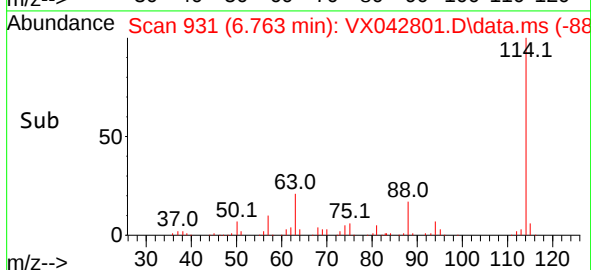
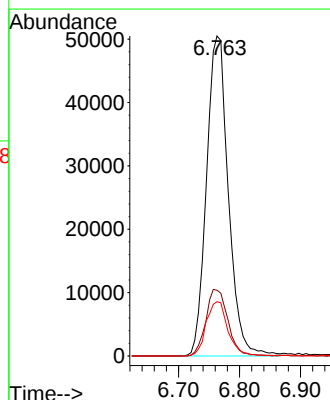
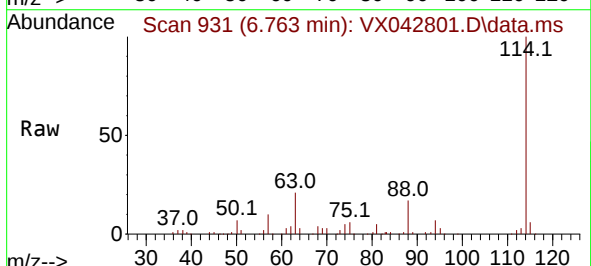
Tgt Ion: 114 Resp: 126042

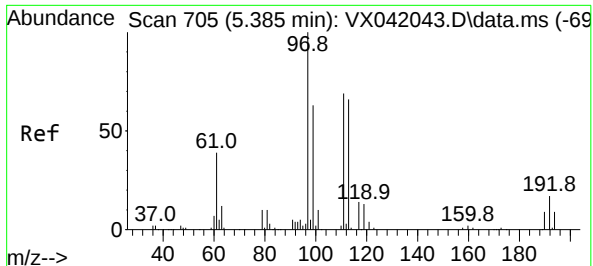
Ion Ratio Lower Upper

114 100

63 20.5 0.0 45.0

88 17.0 0.0 36.6

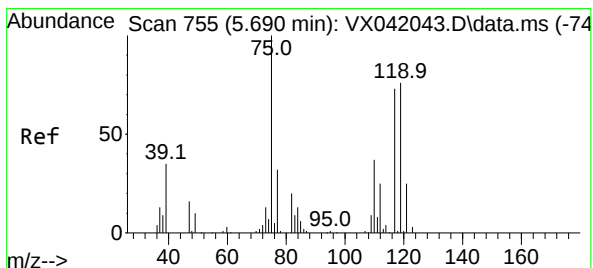
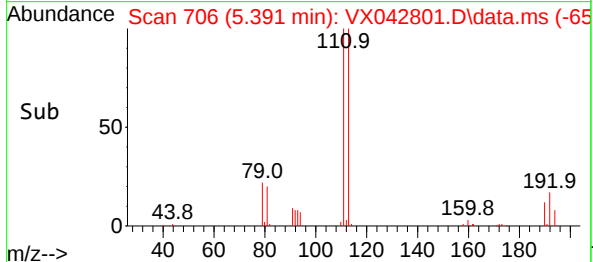
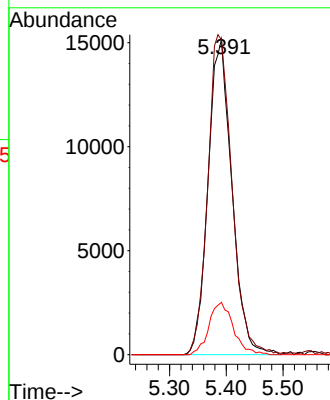
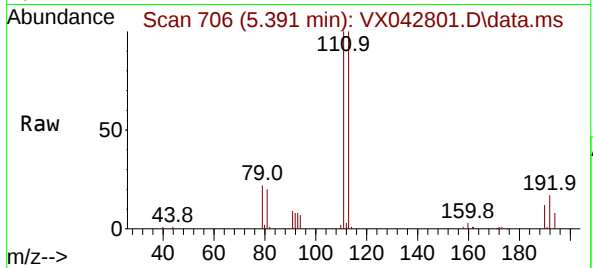




#35
Dibromofluoromethane
Concen: 50.744 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX042801.D
Acq: 01 Aug 2024 17:43

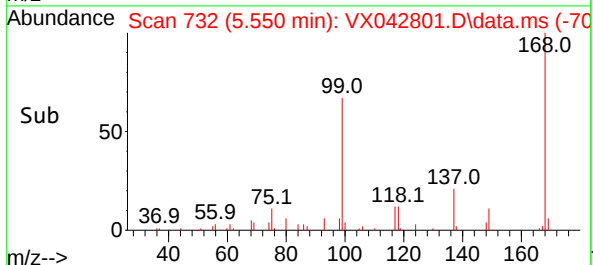
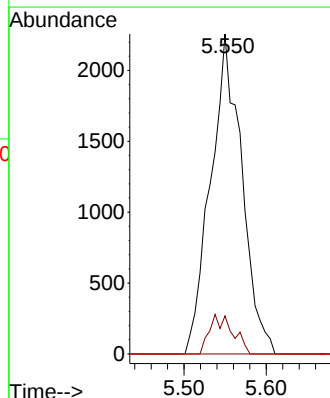
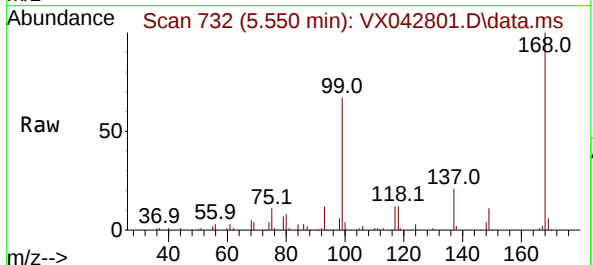
Instrument :
MSVOA_X
ClientSampleId :
P001-CF02-01

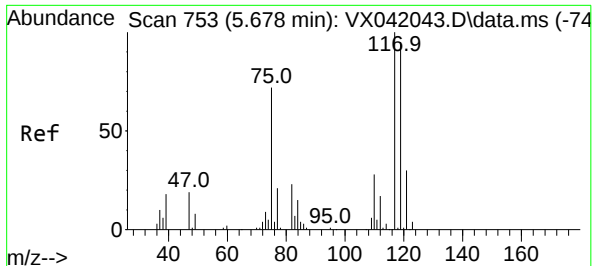
Tgt Ion:113 Resp: 44183
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 17.1 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.268 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX042801.D
Acq: 01 Aug 2024 17:43

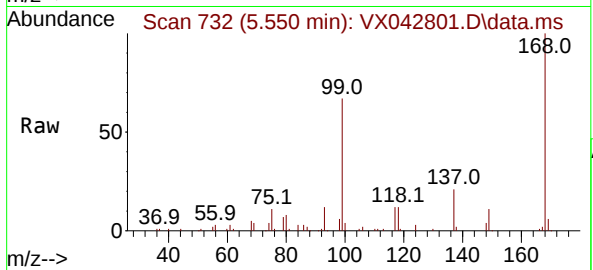
Tgt Ion: 75 Resp: 5948
Ion Ratio Lower Upper
75 100
110 9.2 17.0 50.9#
77 0.0 24.7 37.1#



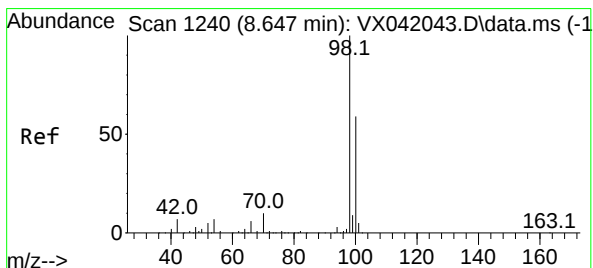
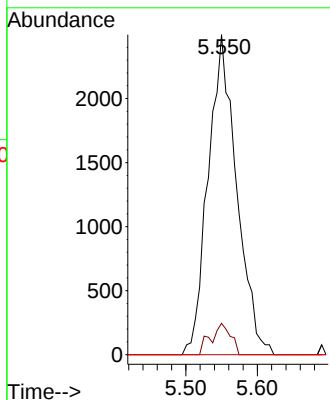
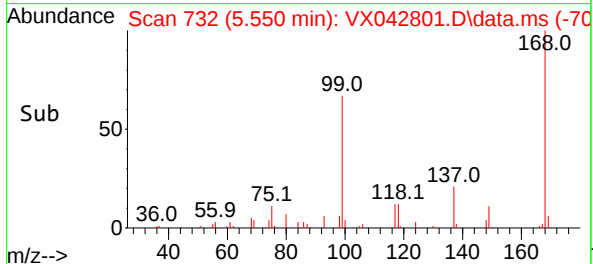


#38
Carbon Tetrachloride
Concen: 5.322 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX042801.D
Acq: 01 Aug 2024 17:43

Instrument :
MSVOA_X
ClientSampleId :
P001-CF02-01

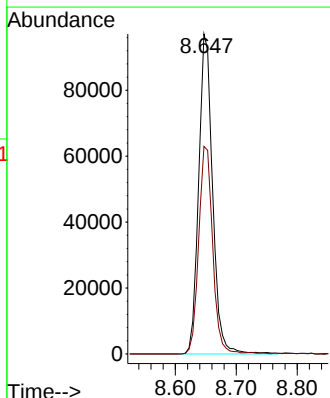
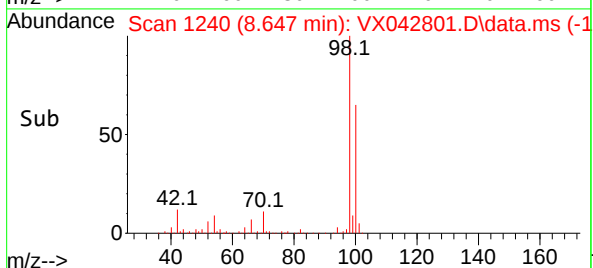
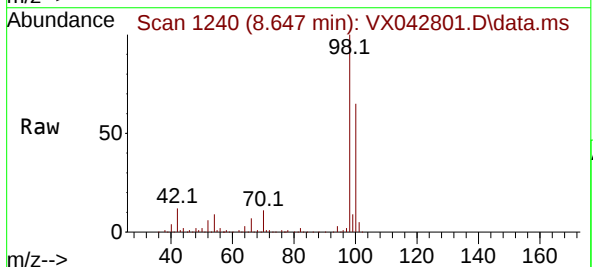


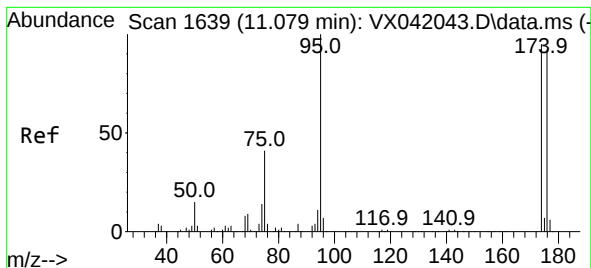
Tgt Ion:117 Resp: 6925
Ion Ratio Lower Upper
117 100
119 9.8 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.888 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX042801.D
Acq: 01 Aug 2024 17:43

Tgt Ion: 98 Resp: 154509
Ion Ratio Lower Upper
98 100
100 65.0 53.1 79.7

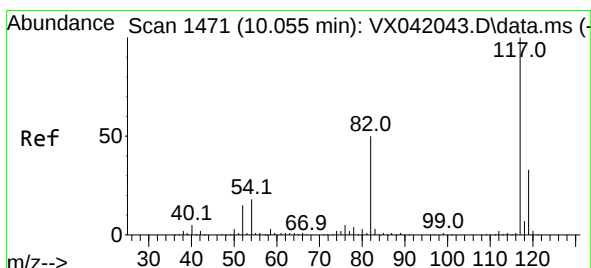
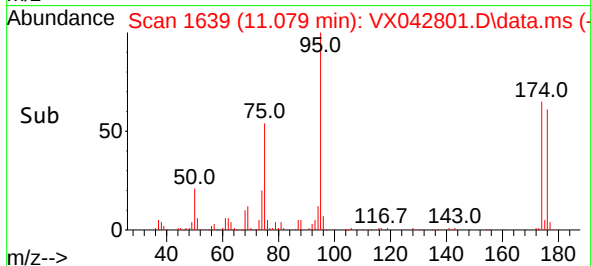
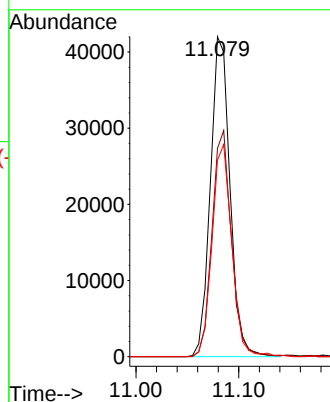
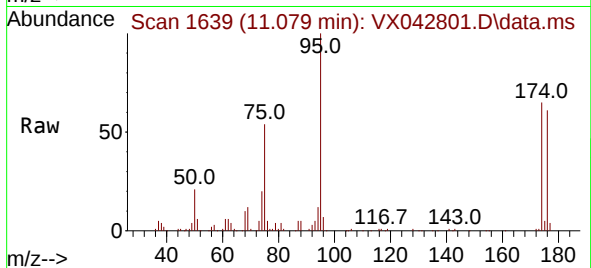




#62
4-Bromofluorobenzene
Concen: 48.171 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042801.D
Acq: 01 Aug 2024 17:43

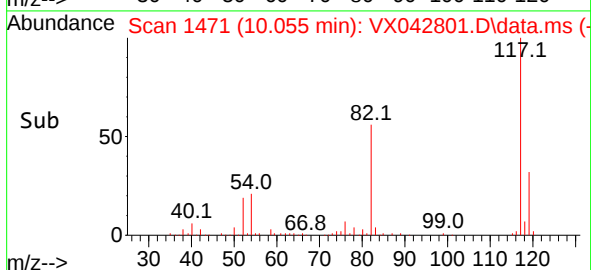
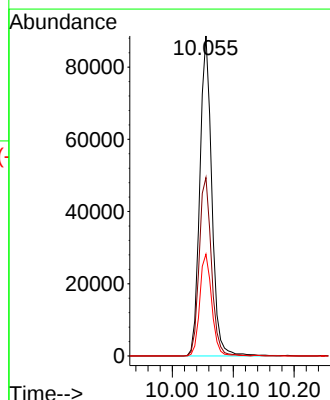
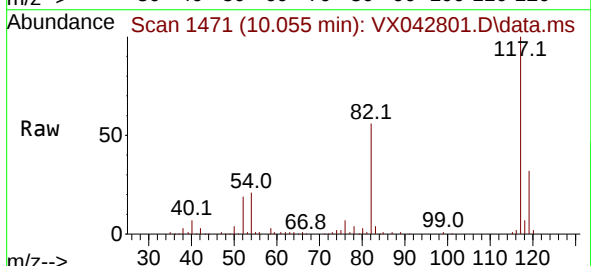
Instrument :
MSVOA_X
ClientSampleId :
P001-CF02-01

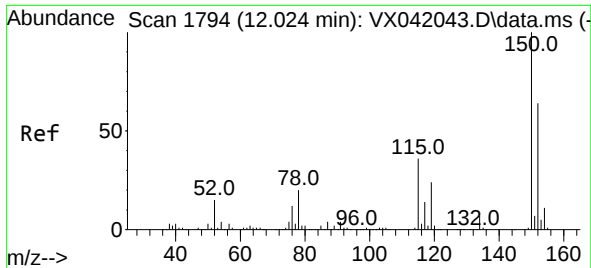
Tgt Ion: 95 Resp: 55636
Ion Ratio Lower Upper
95 100
174 70.4 0.0 135.6
176 66.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042801.D
Acq: 01 Aug 2024 17:43

Tgt Ion: 117 Resp: 121041
Ion Ratio Lower Upper
117 100
82 55.8 46.2 69.4
119 31.8 25.5 38.3

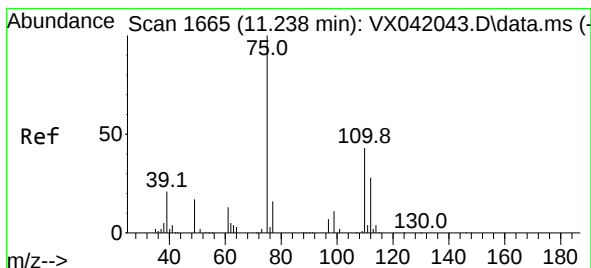
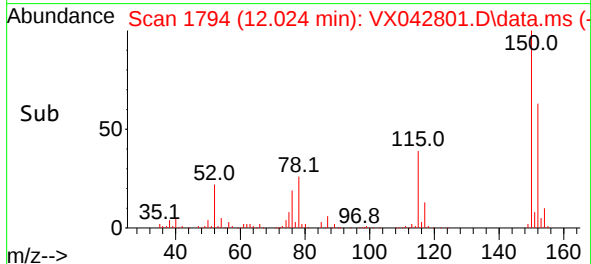
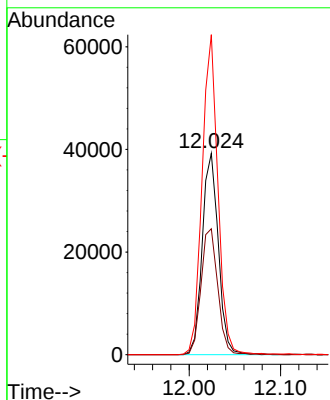
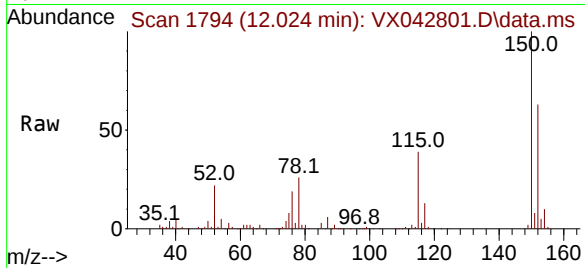




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042801.D
Acq: 01 Aug 2024 17:43

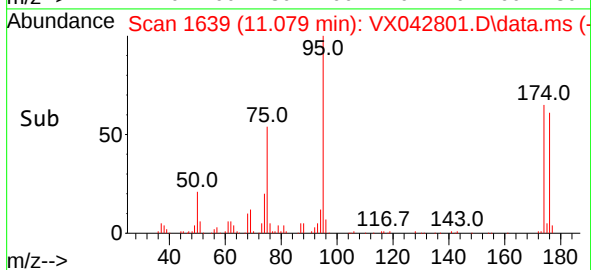
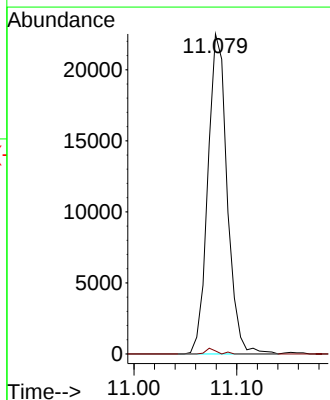
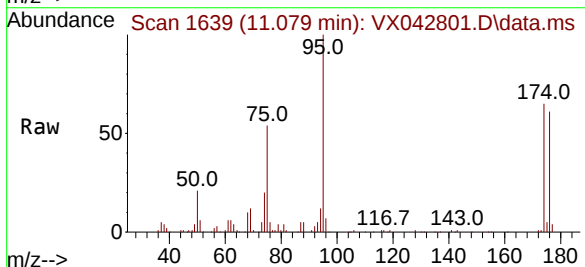
Instrument :
MSVOA_X
ClientSampleId :
P001-CF02-01

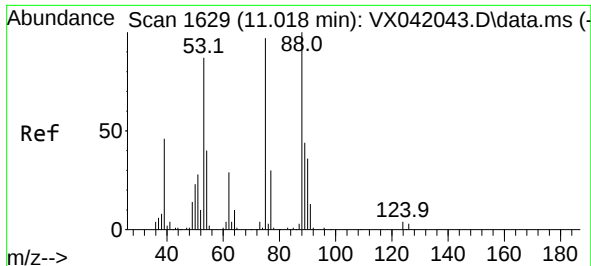
Tgt Ion:152 Resp: 47896
Ion Ratio Lower Upper
152 100
115 65.1 43.3 129.9
150 156.0 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 26.911 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX042801.D
Acq: 01 Aug 2024 17:43

Tgt Ion: 75 Resp: 29452
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#

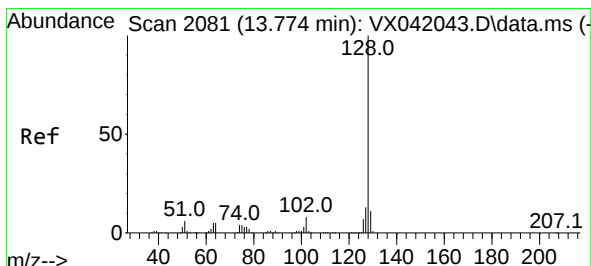
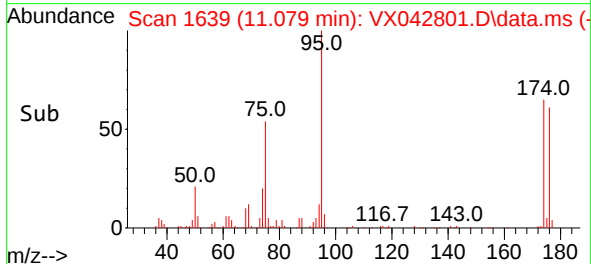
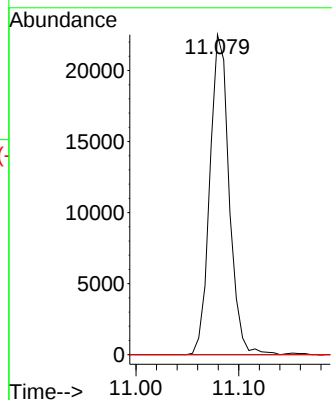
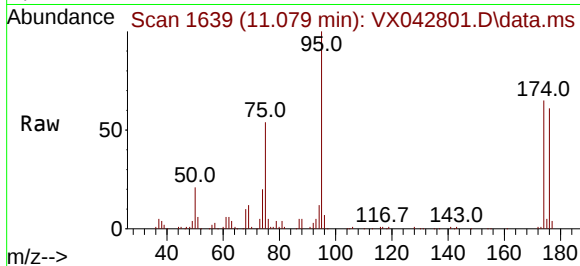




#81
trans-1,4-Dichloro-2-butene
Concen: 79.650 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX042801.D
Acq: 01 Aug 2024 17:43

Instrument :
MSVOA_X
ClientSampleId :
P001-CF02-01

Tgt Ion: 75 Resp: 29452
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 0.244 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX042801.D
Acq: 01 Aug 2024 17:43

Tgt Ion: 128 Resp: 895
Ion Ratio Lower Upper
128 100
127 9.4 10.3 15.5#
129 5.1 8.8 13.2#

