

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080124\
 Data File : VX042804.D
 Acq On : 01 Aug 2024 18:53
 Operator : JC/MD
 Sample : P3396-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 P001-CF05-02

Quant Time: Aug 02 03:16:52 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)

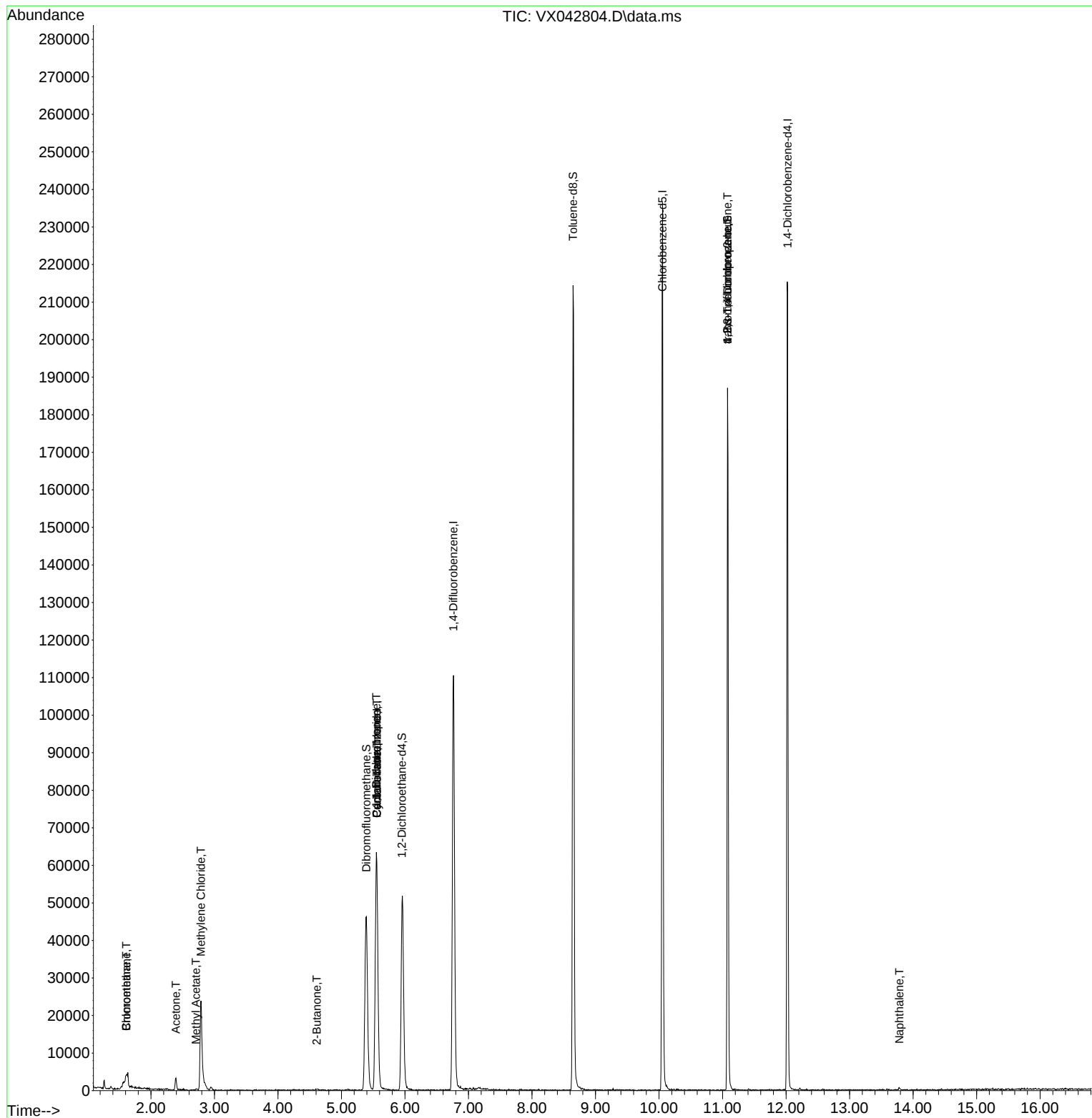
Internal Standards						
1) Pentafluorobenzene	5.556	168	57433	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	115207	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	108729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	43903	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	52865	57.293	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	114.580%
35) Dibromofluoromethane	5.391	113	41993	52.764	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.520%
50) Toluene-d8	8.647	98	131796	45.624	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.240%#
62) 4-Bromofluorobenzene	11.079	95	52626	49.850	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.700%
Target Compounds						
					Qvalue	
3) Chloromethane	1.313	50	108	Below Cal	#	43
5) Bromomethane	1.611	94	142	0.579	ug/l #	3
6) Chloroethane	1.611	64	71	0.276	ug/l #	43
11) Tert butyl alcohol	2.934	59	504	Below Cal	#	78
16) Acetone	2.392	43	3546	10.583	ug/l #	89
18) Methyl Acetate	2.709	43	537	0.639	ug/l #	61
20) Methylene Chloride	2.788	84	14844	18.755	ug/l #	80
25) 2-Butanone	4.611	43	157	0.319	ug/l #	51
31) Cyclohexane	5.556	56	1331	1.309	ug/l #	50
36) 1,1-Dichloropropene	5.550	75	4907	4.754	ug/l #	46
38) Carbon Tetrachloride	5.556	117	6446	5.419	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	27089	27.003	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	27089	79.922	ug/l #	5
95) Naphthalene	13.786	128	860	0.256	ug/l #	82

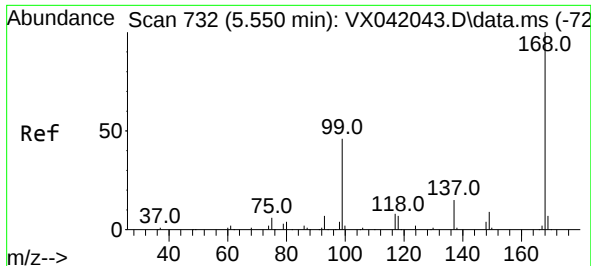
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 02 03:16:52 2024
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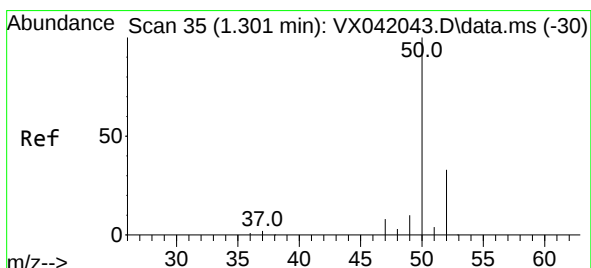
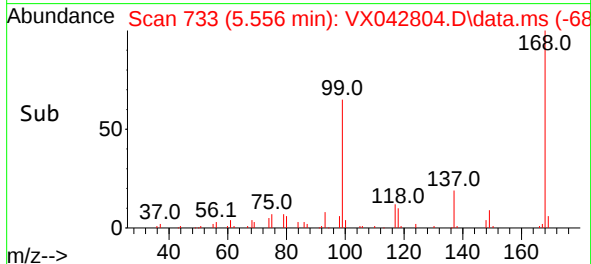
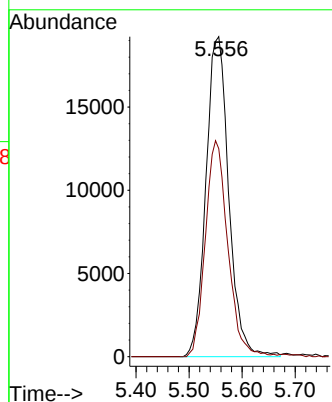
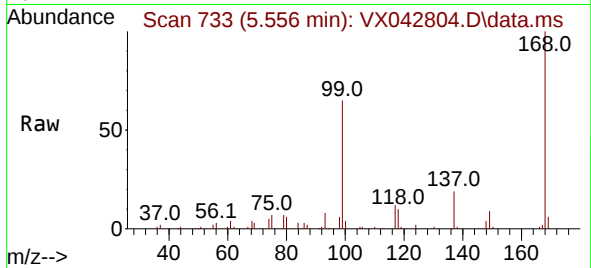




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX042804.D
Acq: 01 Aug 2024 18:53

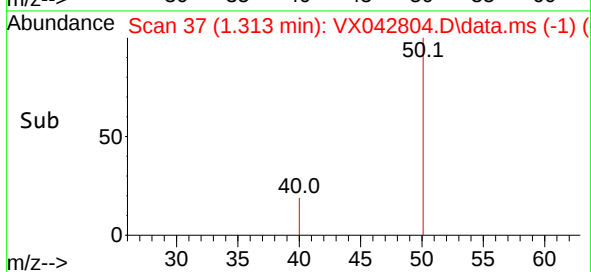
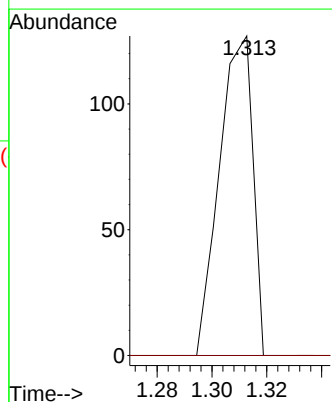
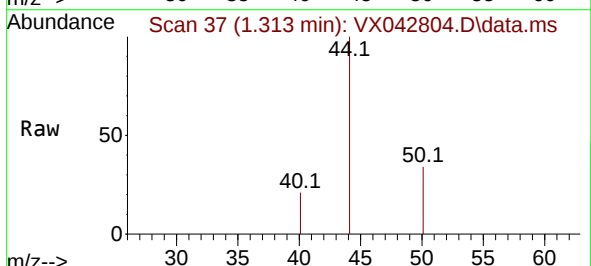
Instrument :
MSVOA_X
ClientSampleId :
P001-CF05-02

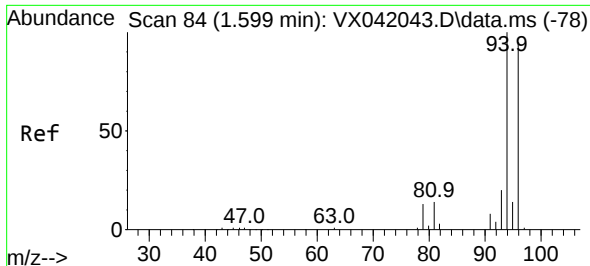
Tgt Ion:168 Resp: 57433
Ion Ratio Lower Upper
168 100
99 65.0 56.6 85.0



#3
Chloromethane
Concen: Below Cal
RT: 1.313 min Scan# 37
Delta R.T. 0.006 min
Lab File: VX042804.D
Acq: 01 Aug 2024 18:53

Tgt Ion: 50 Resp: 108
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

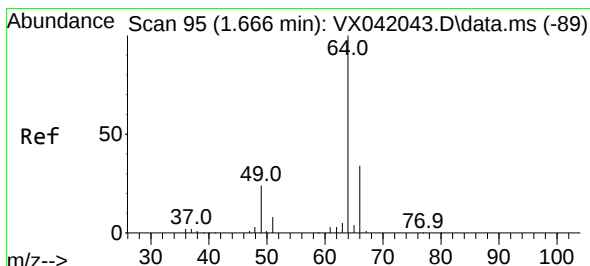
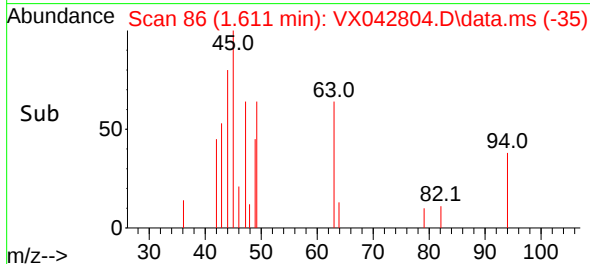
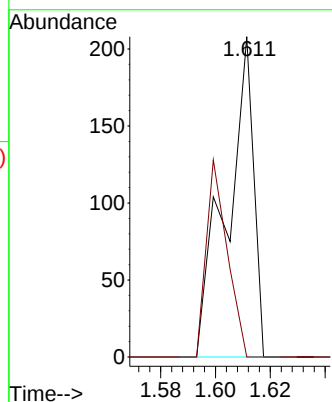
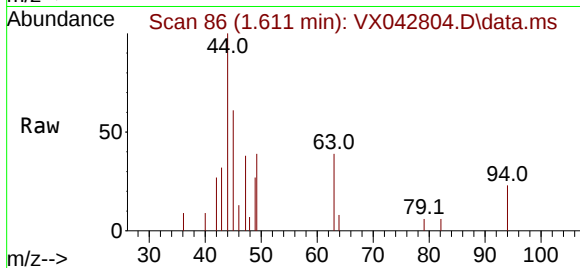




#5
Bromomethane
Concen: 0.579 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX042804.D
Acq: 01 Aug 2024 18:53

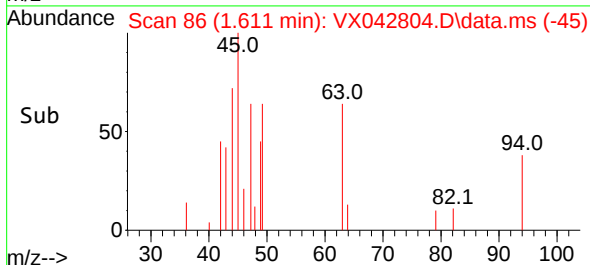
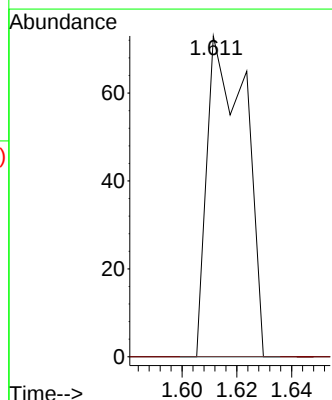
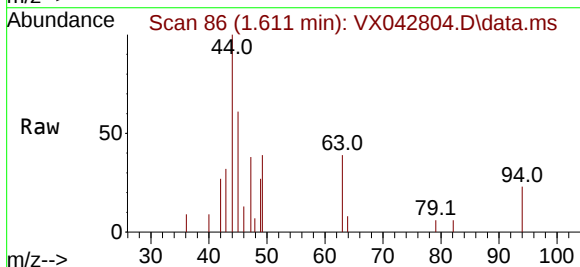
Instrument :
MSVOA_X
ClientSampleId :
P001-CF05-02

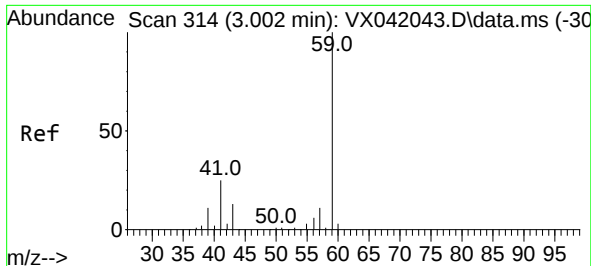
Tgt Ion: 94 Resp: 142
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



#6
Chloroethane
Concen: 0.276 ug/l
RT: 1.611 min Scan# 86
Delta R.T. -0.049 min
Lab File: VX042804.D
Acq: 01 Aug 2024 18:53

Tgt Ion: 64 Resp: 71
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

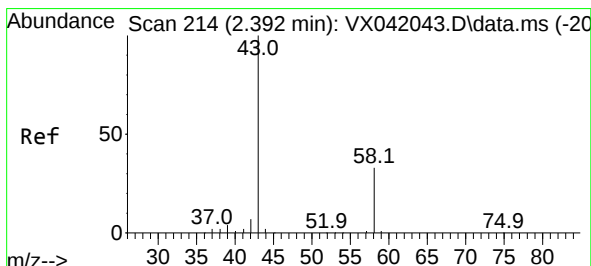
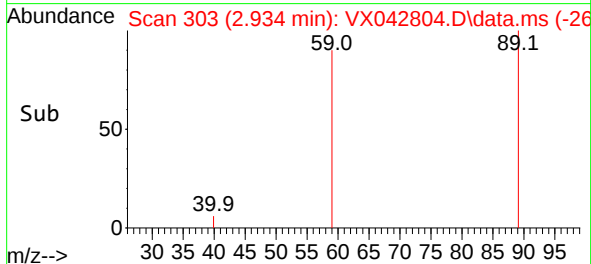
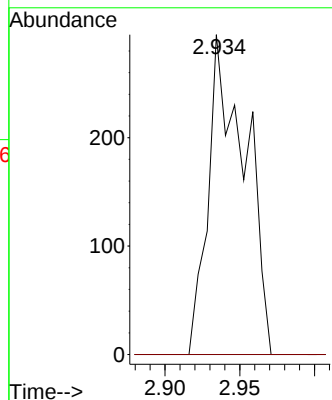
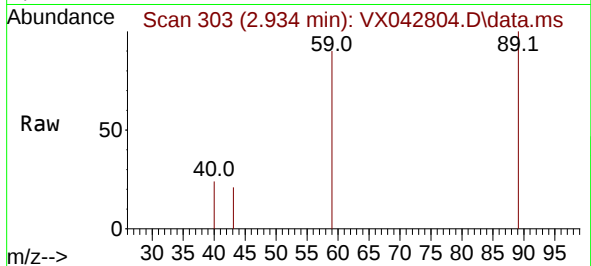




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.934 min Scan# 30
Delta R.T. -0.073 min
Lab File: VX042804.D
Acq: 01 Aug 2024 18:53

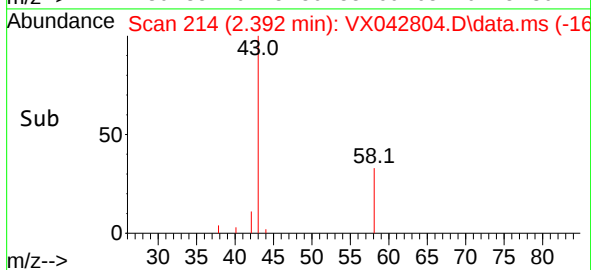
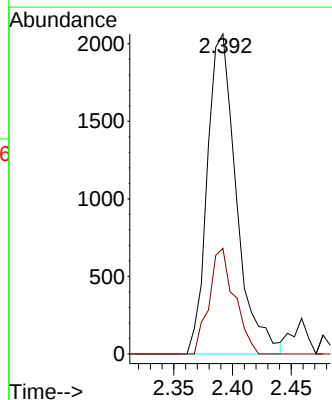
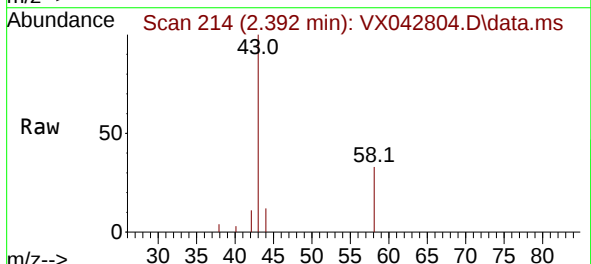
Instrument :
MSVOA_X
ClientSampleId :
P001-CF05-02

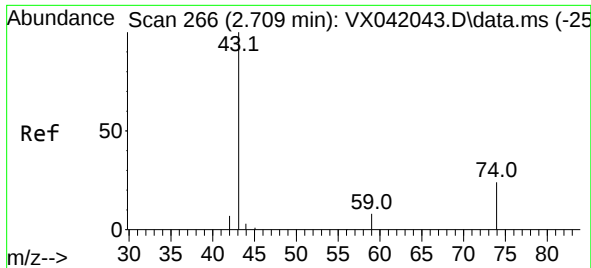
Tgt Ion: 59 Resp: 504
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#16
Acetone
Concen: 10.583 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX042804.D
Acq: 01 Aug 2024 18:53

Tgt Ion: 43 Resp: 3546
Ion Ratio Lower Upper
43 100
58 33.0 21.9 32.9#

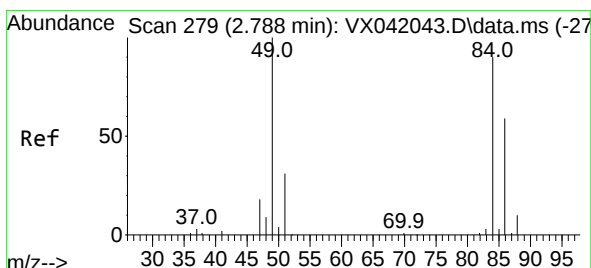
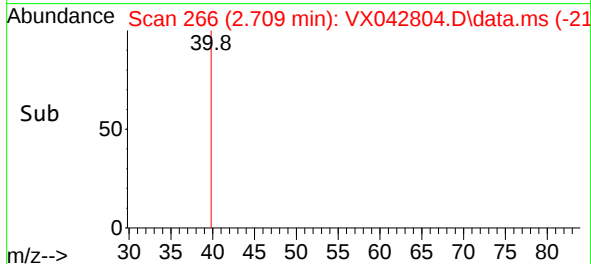
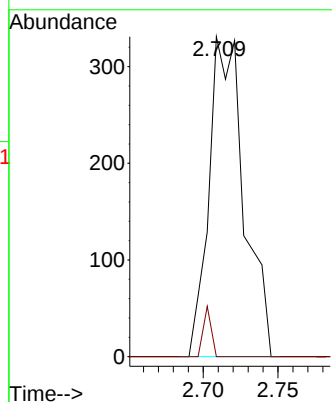
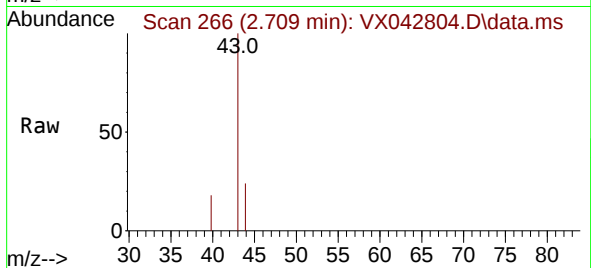




#18
Methyl Acetate
Concen: 0.639 ug/l
RT: 2.709 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX042804.D
Acq: 01 Aug 2024 18:53

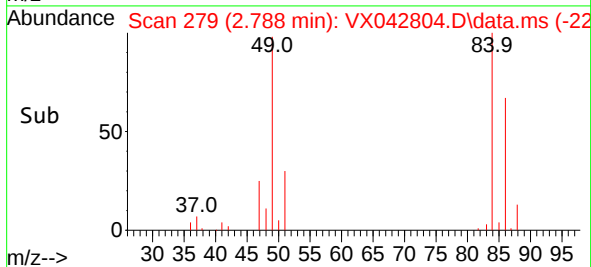
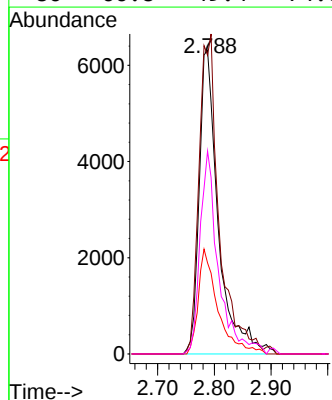
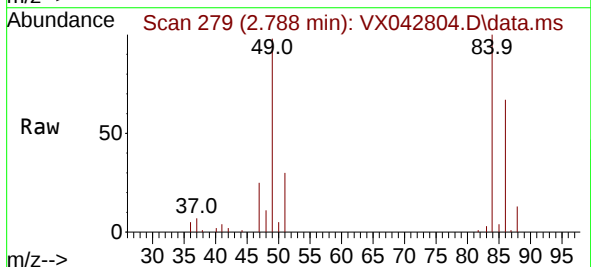
Instrument :
MSVOA_X
ClientSampleId :
P001-CF05-02

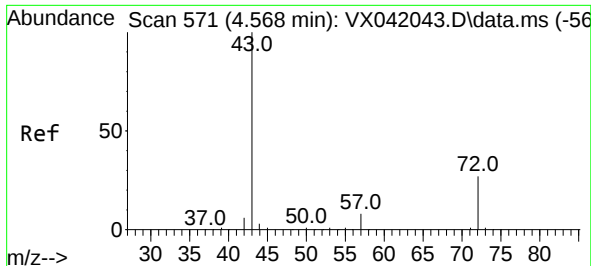
Tgt Ion: 43 Resp: 537
Ion Ratio Lower Upper
43 100
74 3.5 17.8 26.8#



#20
Methylene Chloride
Concen: 18.755 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX042804.D
Acq: 01 Aug 2024 18:53

Tgt Ion: 84 Resp: 14844
Ion Ratio Lower Upper
84 100
49 98.4 103.6 155.4#
51 30.0 33.8 50.6#
86 66.8 49.4 74.0

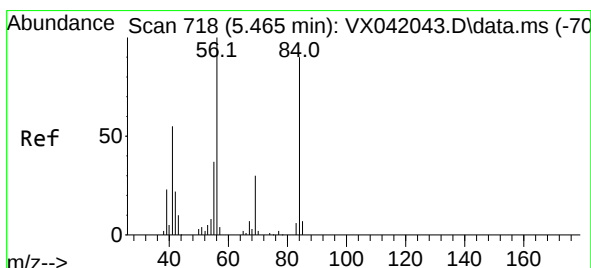
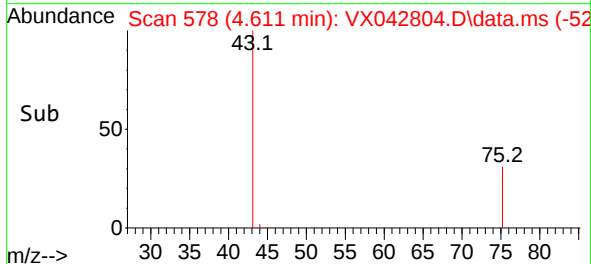
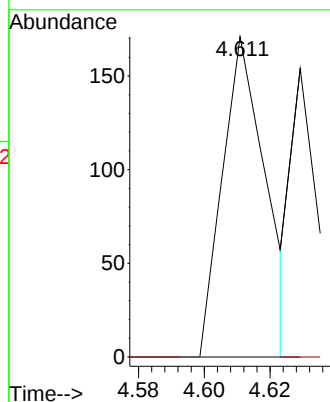
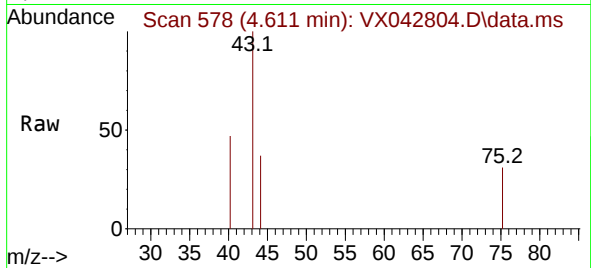




#25
2-Butanone
Concen: 0.319 ug/l
RT: 4.611 min Scan# 51
Delta R.T. 0.037 min
Lab File: VX042804.D
Acq: 01 Aug 2024 18:53

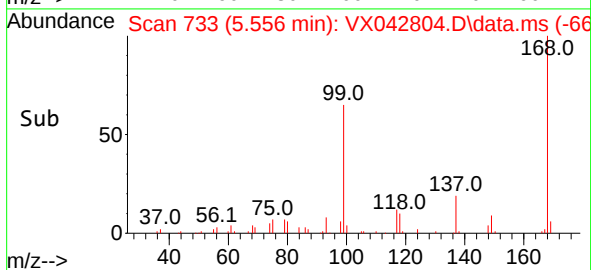
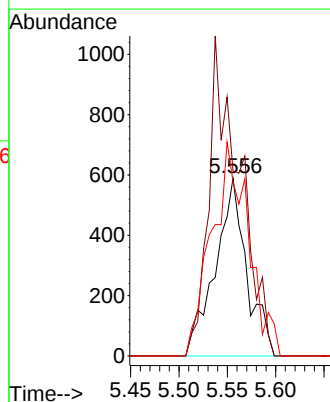
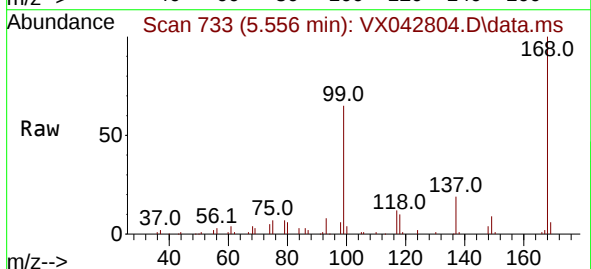
Instrument :
MSVOA_X
ClientSampleId :
P001-CF05-02

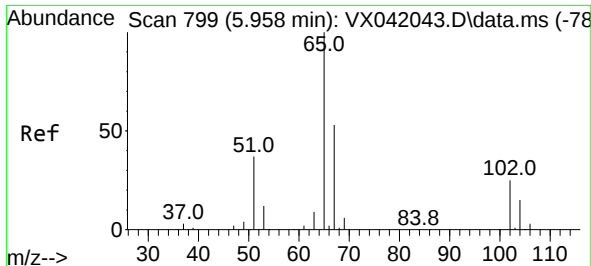
Tgt Ion: 43 Resp: 157
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#31
Cyclohexane
Concen: 1.309 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.092 min
Lab File: VX042804.D
Acq: 01 Aug 2024 18:53

Tgt Ion: 56 Resp: 1331
Ion Ratio Lower Upper
56 100
69 104.2 23.4 35.2#
84 98.1 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 57.293 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX042804.D

Acq: 01 Aug 2024 18:53

Instrument :

MSVOA_X

ClientSampleId :

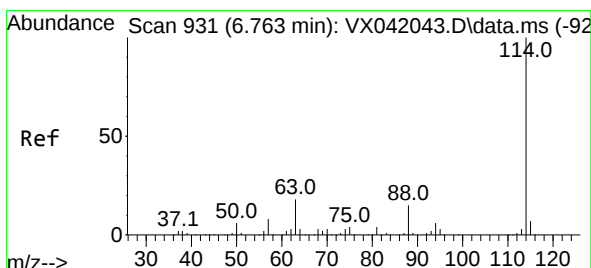
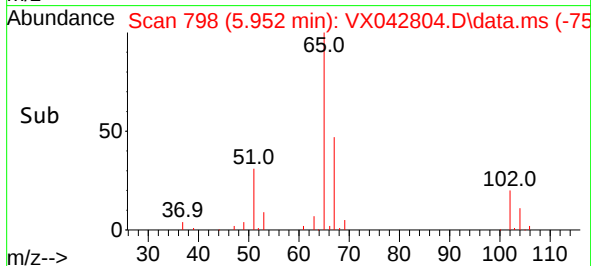
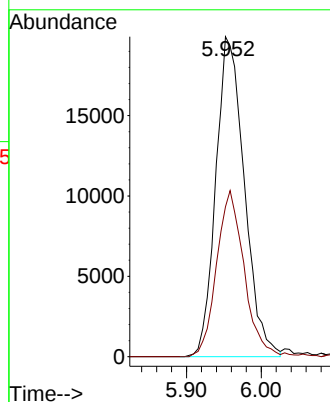
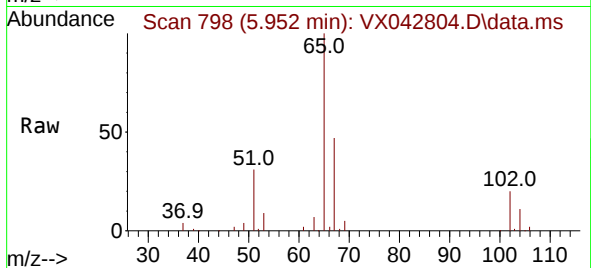
P001-CF05-02

Tgt Ion: 65 Resp: 52865

Ion Ratio Lower Upper

65 100

67 50.2 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: VX042804.D

Acq: 01 Aug 2024 18:53

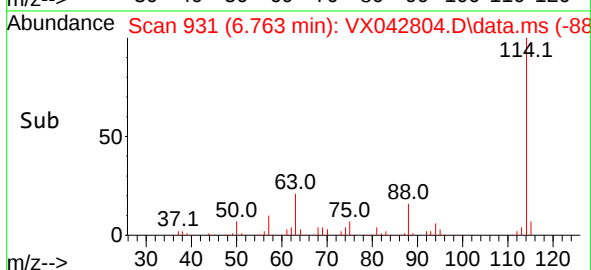
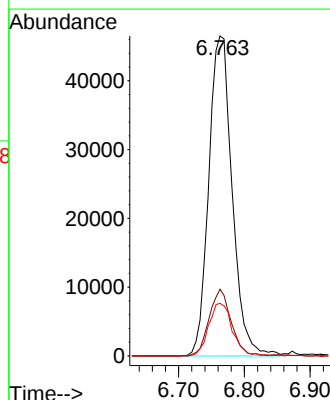
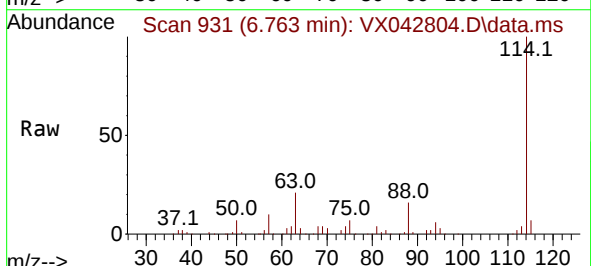
Tgt Ion: 114 Resp: 115207

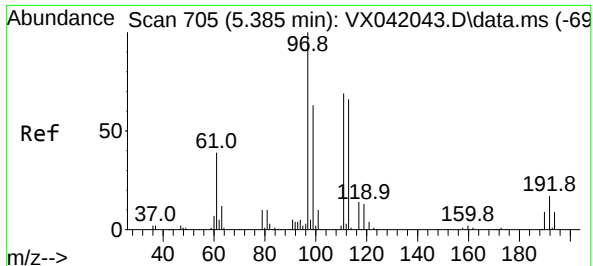
Ion Ratio Lower Upper

114 100

63 20.8 0.0 45.0

88 16.5 0.0 36.6

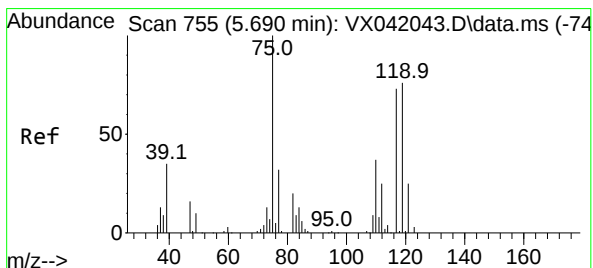
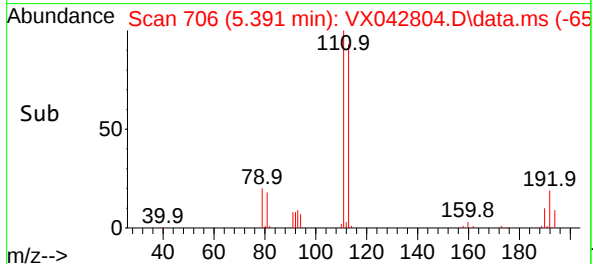
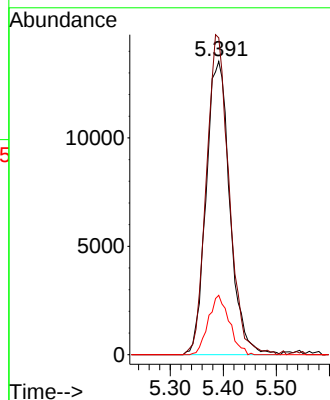
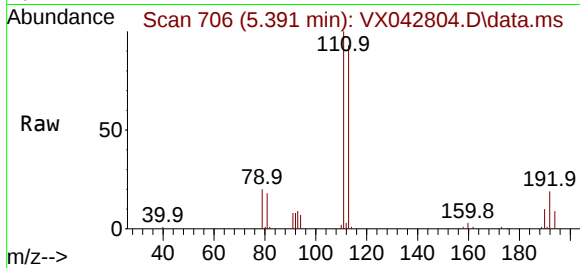




#35
Dibromofluoromethane
Concen: 52.764 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX042804.D
Acq: 01 Aug 2024 18:53

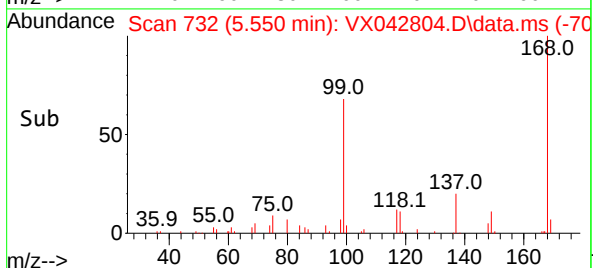
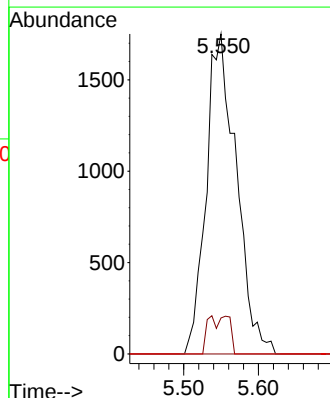
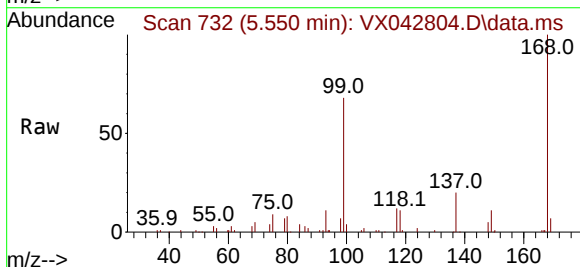
Instrument :
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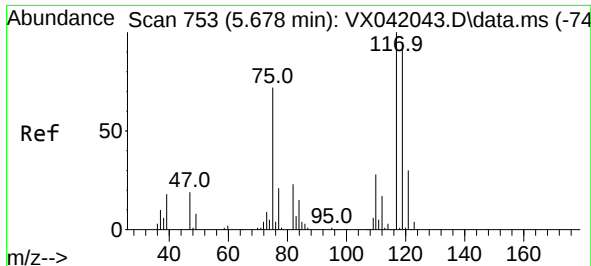
Tgt Ion:113 Resp: 41993
Ion Ratio Lower Upper
113 100
111 104.1 82.9 124.3
192 17.9 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.754 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX042804.D
Acq: 01 Aug 2024 18:53

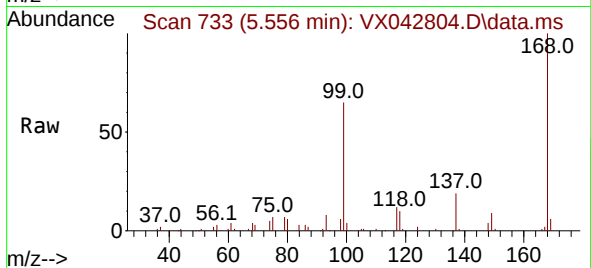
Tgt Ion: 75 Resp: 4907
Ion Ratio Lower Upper
75 100
110 4.0 17.0 50.9#
77 0.0 24.7 37.1#



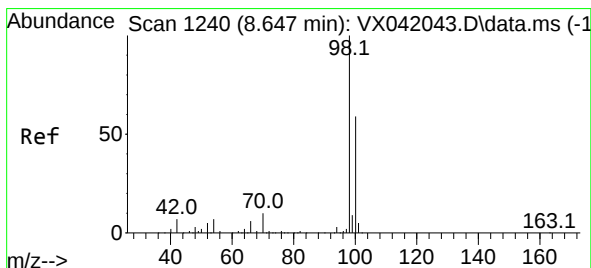
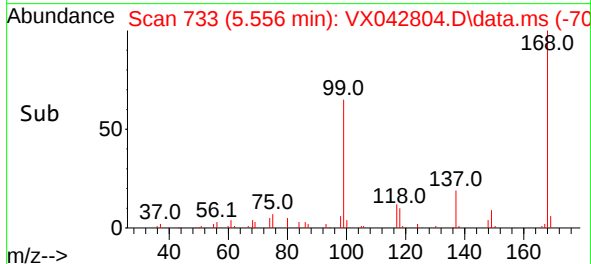
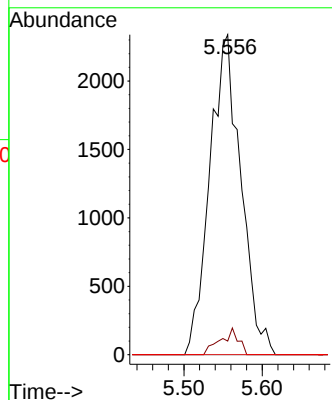


#38
Carbon Tetrachloride
Concen: 5.419 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX042804.D
Acq: 01 Aug 2024 18:53

Instrument :
MSVOA_X
ClientSampleId :
P001-CF05-02

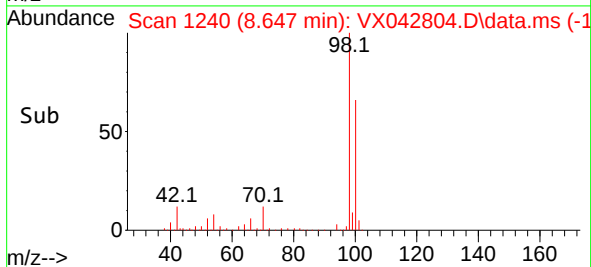
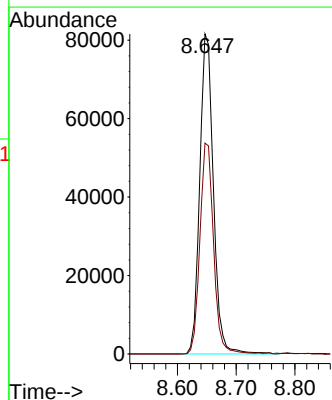
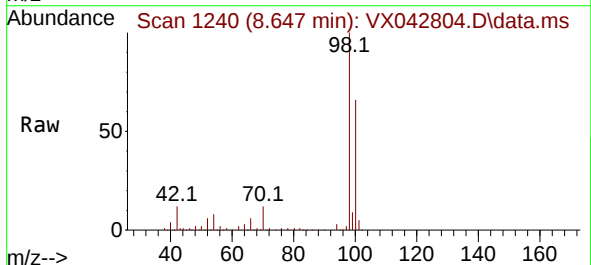


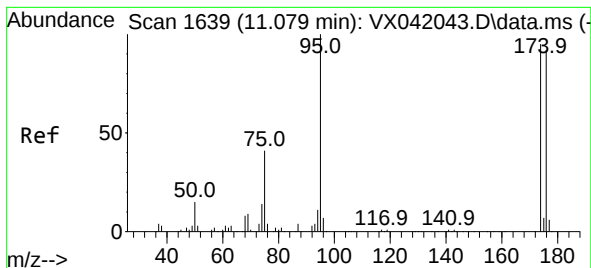
Tgt Ion:117 Resp: 6446
Ion Ratio Lower Upper
117 100
119 4.3 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 45.624 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX042804.D
Acq: 01 Aug 2024 18:53

Tgt Ion: 98 Resp: 131796
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7

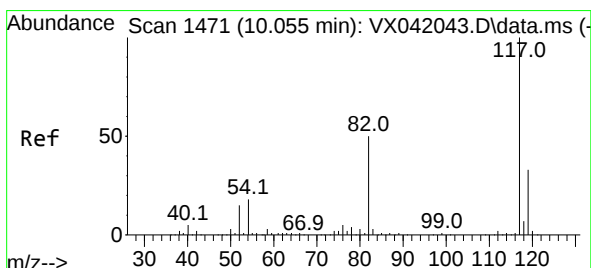
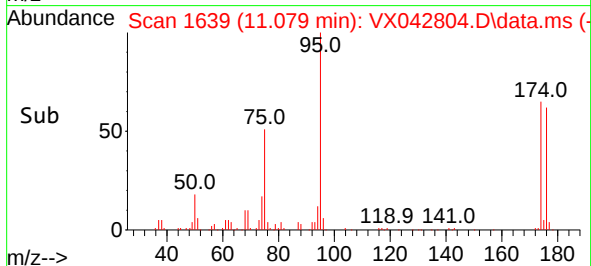
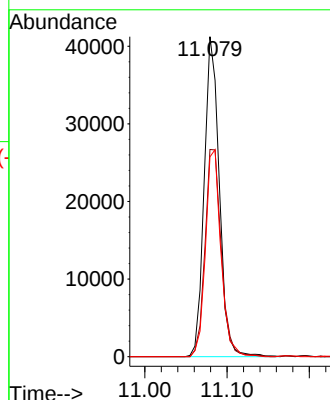
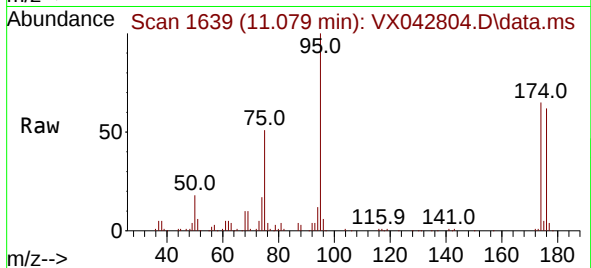




#62
4-Bromofluorobenzene
Concen: 49.850 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042804.D
Acq: 01 Aug 2024 18:53

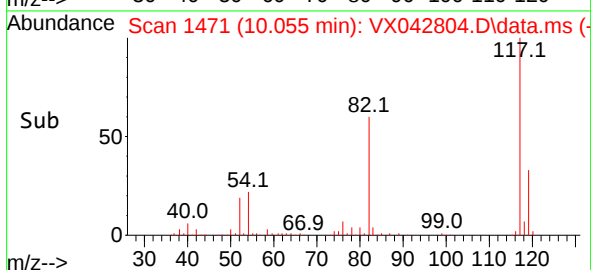
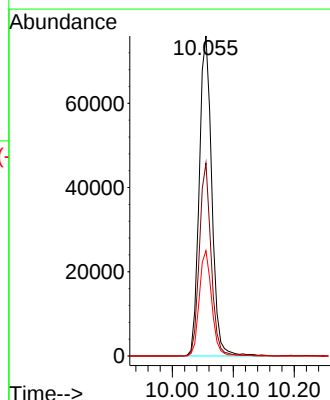
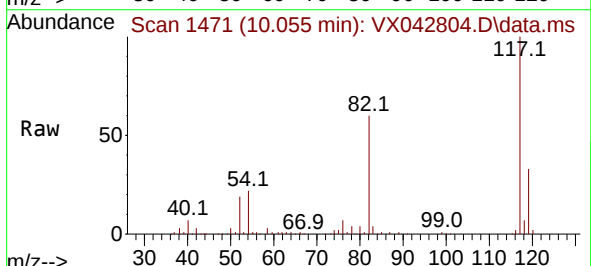
Instrument :
MSVOA_X
ClientSampleId :
P001-CF05-02

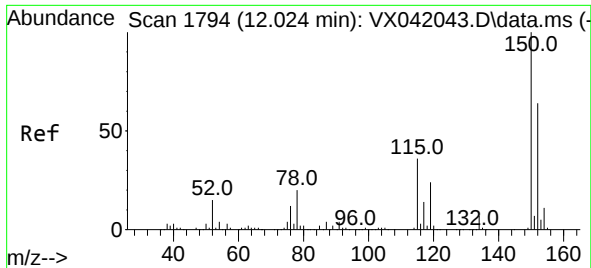
Tgt Ion: 95 Resp: 52626
Ion Ratio Lower Upper
95 100
174 69.7 0.0 135.6
176 66.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042804.D
Acq: 01 Aug 2024 18:53

Tgt Ion: 117 Resp: 108729
Ion Ratio Lower Upper
117 100
82 60.3 46.2 69.4
119 32.9 25.5 38.3

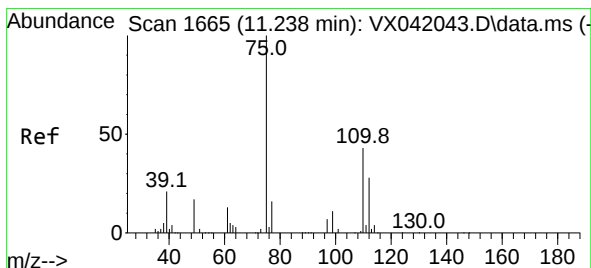
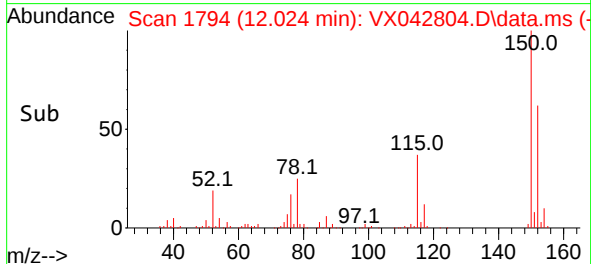
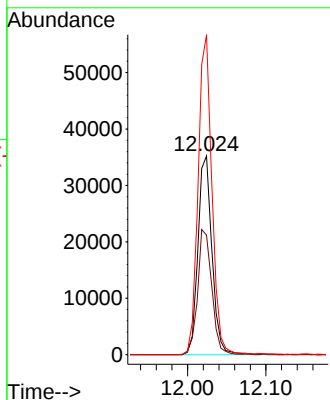
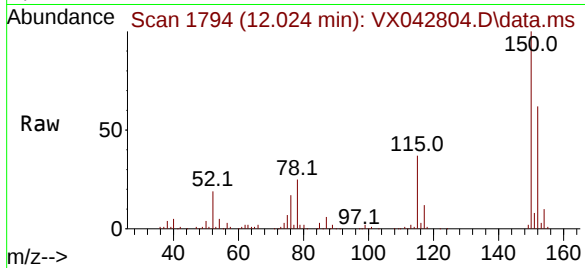




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042804.D
Acq: 01 Aug 2024 18:53

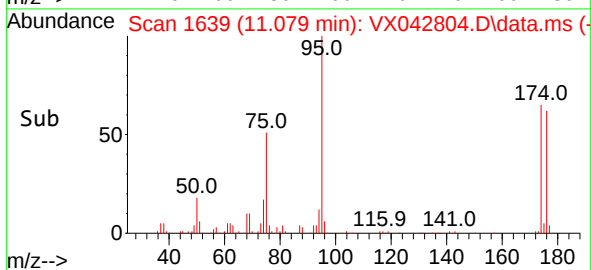
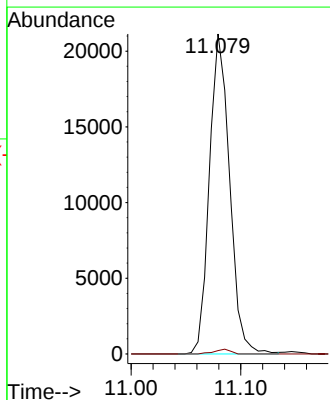
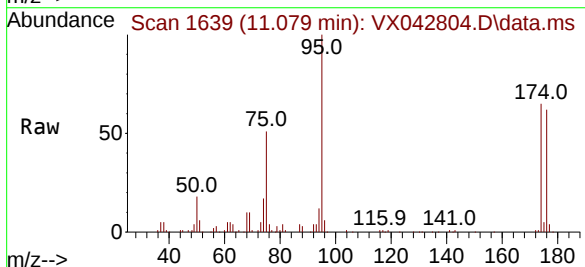
Instrument :
MSVOA_X
ClientSampleId :
P001-CF05-02

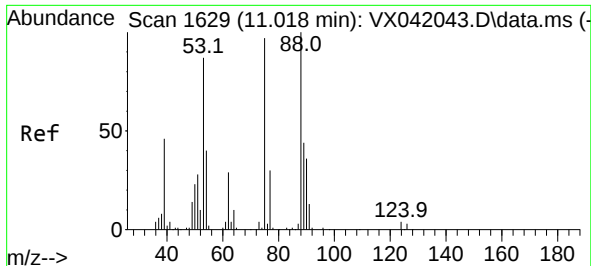
Tgt Ion:	152	Resp:	43903
Ion	Ratio	Lower	Upper
152	100		
115	63.5	43.3	129.9
150	157.9	0.0	345.0



#76
1,2,3-Trichloropropane
Concen: 27.003 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX042804.D
Acq: 01 Aug 2024 18:53

Tgt Ion:	75	Resp:	27089
Ion	Ratio	Lower	Upper
75	100		
77	1.2	19.1	57.5#

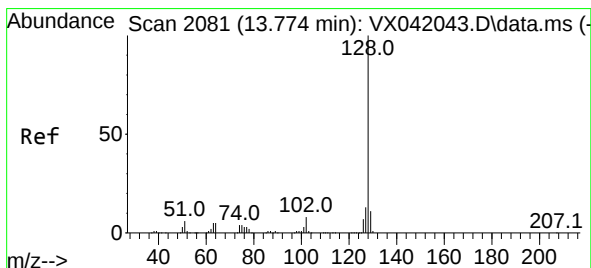
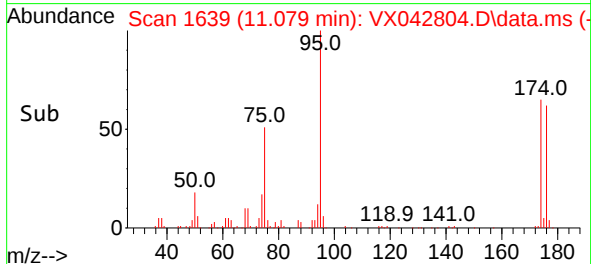
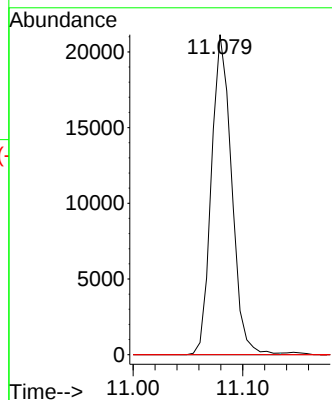
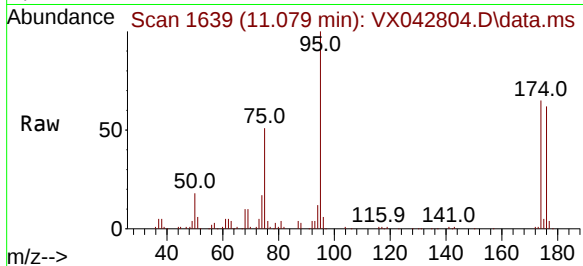




#81
trans-1,4-Dichloro-2-butene
Concen: 79.922 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX042804.D
Acq: 01 Aug 2024 18:53

Instrument :
MSVOA_X
ClientSampleId :
P001-CF05-02

Tgt Ion: 75 Resp: 27089
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 0.256 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX042804.D
Acq: 01 Aug 2024 18:53

Tgt Ion: 128 Resp: 860
Ion Ratio Lower Upper
128 100
127 4.0 10.3 15.5#
129 5.8 8.8 13.2#

