

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080124\
 Data File : VX042803.D
 Acq On : 01 Aug 2024 18:30
 Operator : JC/MD
 Sample : P3396-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 P001-CF04-01

Quant Time: Aug 02 03:16:20 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)

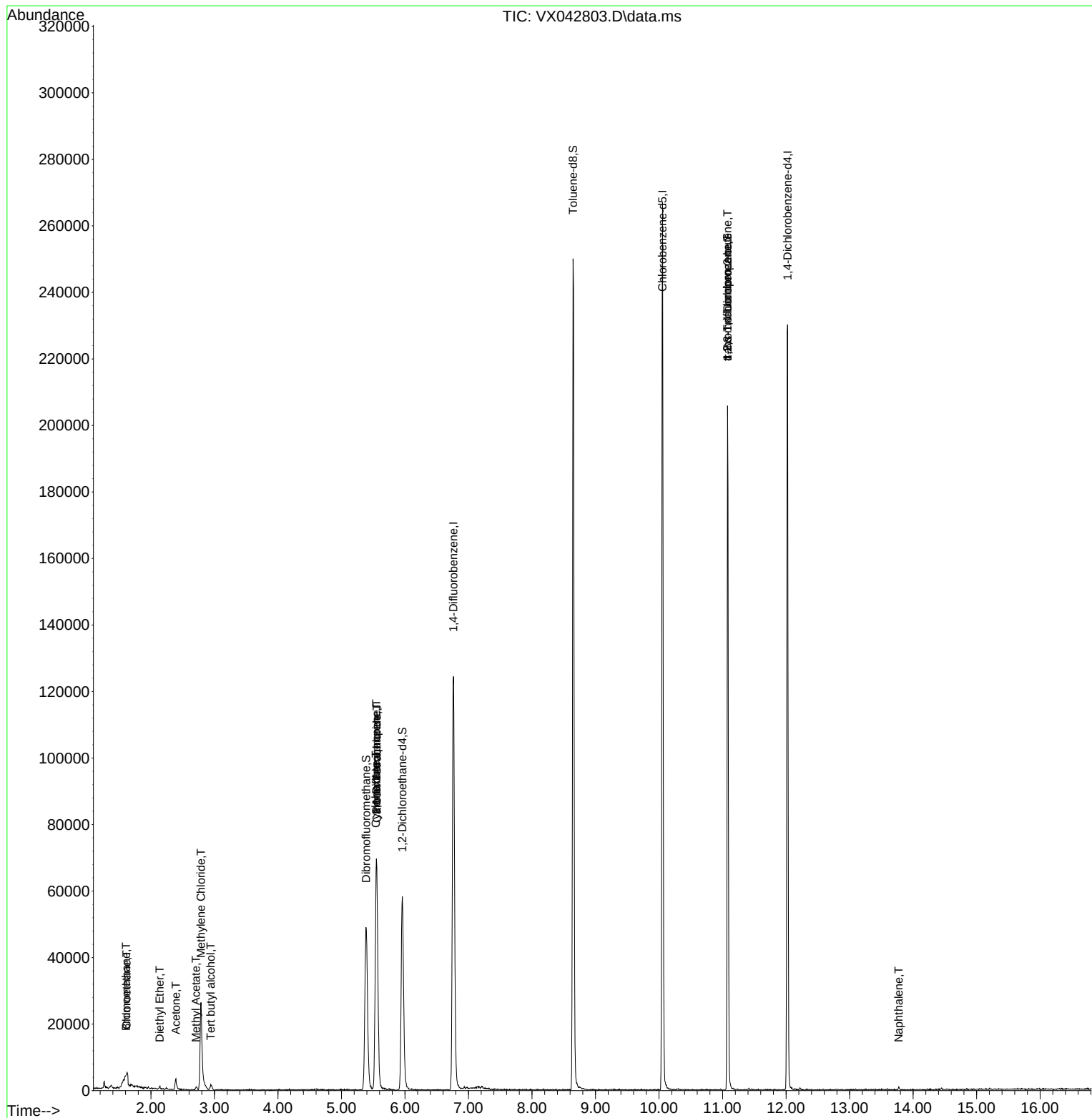
Internal Standards						
1) Pentafluorobenzene	5.550	168	59963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	125816	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	120278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	47387	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	57249	59.426	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	118.860%#
35) Dibromofluoromethane	5.385	113	43861	50.464	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.920%
50) Toluene-d8	8.647	98	148554	47.088	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.180%
62) 4-Bromofluorobenzene	11.079	95	55234	47.909	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.820%
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	180	Below Cal	#	43
5) Bromomethane	1.605	94	136	0.531	ug/l #	48
6) Chloroethane	1.618	64	66	0.246	ug/l #	43
8) Diethyl Ether	2.136	74	124	0.326	ug/l	56
11) Tert butyl alcohol	2.940	59	1048	0.548	ug/l #	78
16) Acetone	2.392	43	3953	11.300	ug/l	91
18) Methyl Acetate	2.709	43	966	1.100	ug/l #	83
20) Methylene Chloride	2.788	84	14993	18.117	ug/l	89
31) Cyclohexane	5.544	56	1669	1.572	ug/l #	42
36) 1,1-Dichloropropene	5.550	75	5568	4.940	ug/l #	48
38) Carbon Tetrachloride	5.556	117	7153	5.507	ug/l #	19
76) 1,2,3-Trichloropropane	11.079	75	30107	27.805	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	30107	82.296	ug/l #	5
95) Naphthalene	13.774	128	840	0.231	ug/l #	79

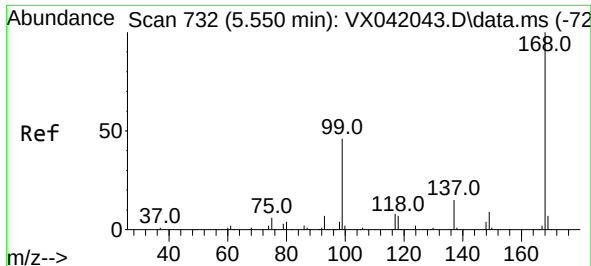
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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P001-CF04-01

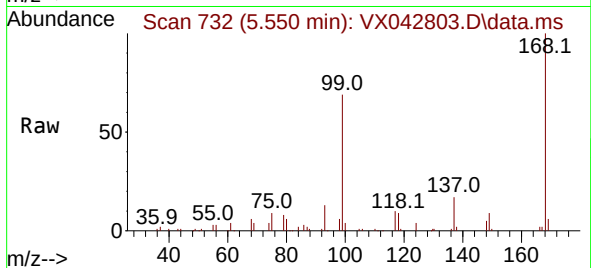
Quant Time: Aug 02 03:16:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080124W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 01 16:40:12 2024
Response via : Initial Calibration



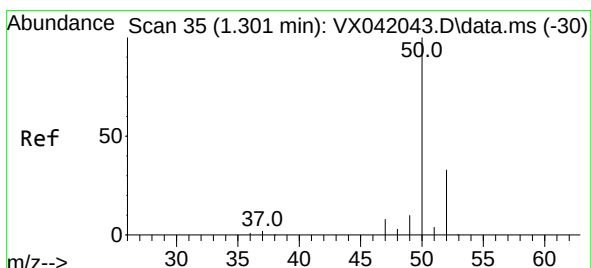
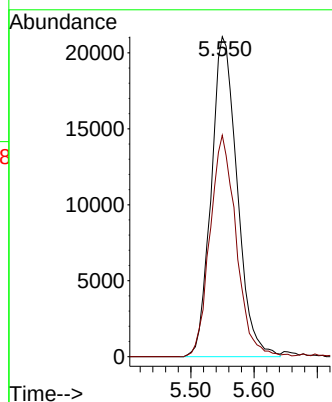
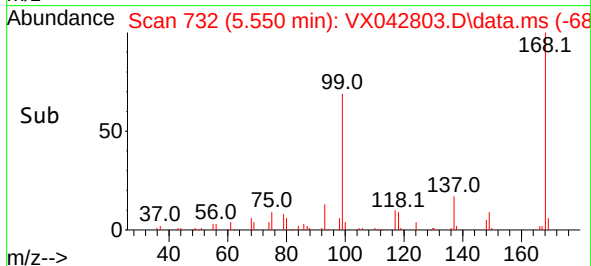


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042803.D
Acq: 01 Aug 2024 18:30

Instrument :
MSVOA_X
ClientSampleId :
P001-CF04-01

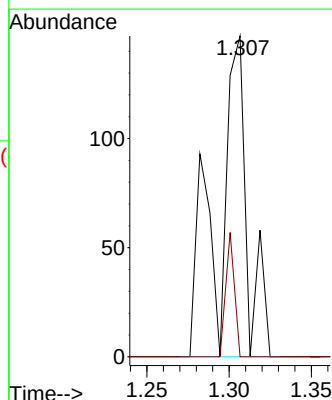
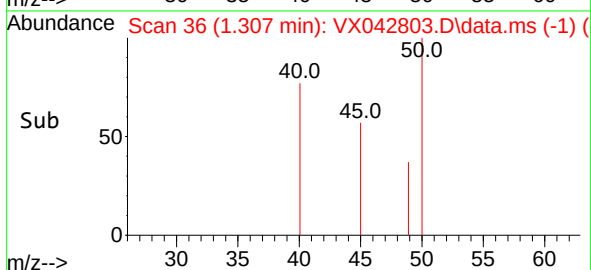
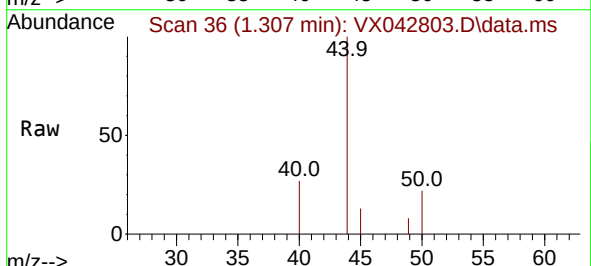


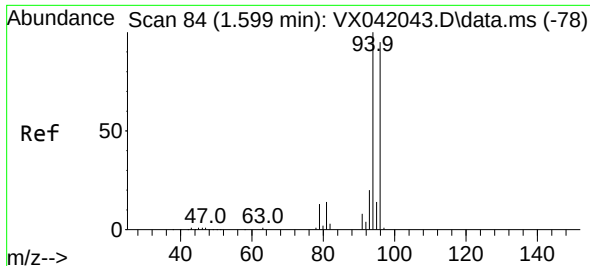
Tgt Ion:168 Resp: 59963
Ion Ratio Lower Upper
168 100
99 69.2 56.6 85.0



#3
Chloromethane
Concen: Below Cal
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX042803.D
Acq: 01 Aug 2024 18:30

Tgt Ion: 50 Resp: 180
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

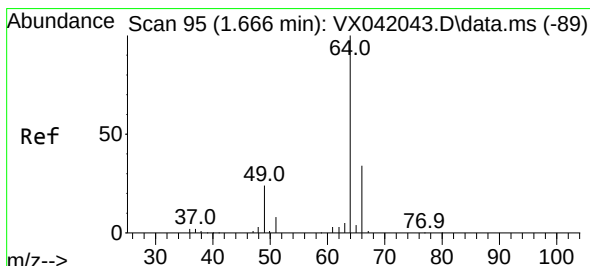
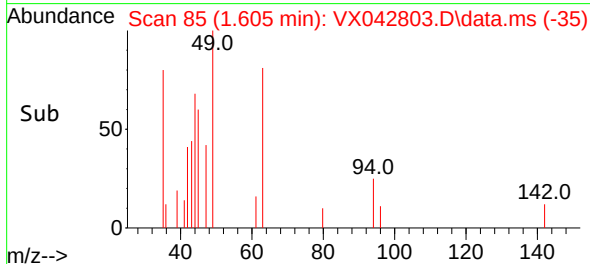
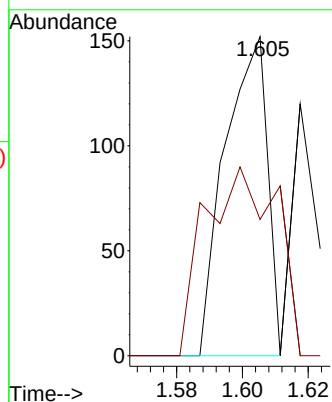
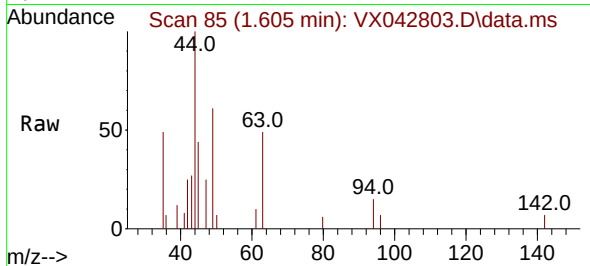




#5
Bromomethane
Concen: 0.531 ug/l
RT: 1.605 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX042803.D
Acq: 01 Aug 2024 18:30

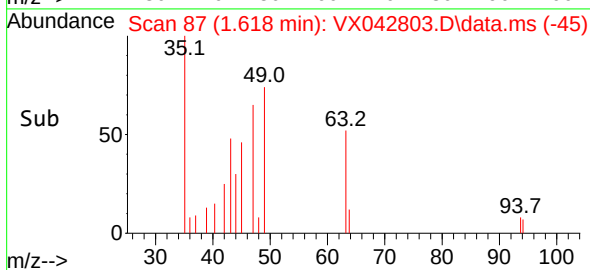
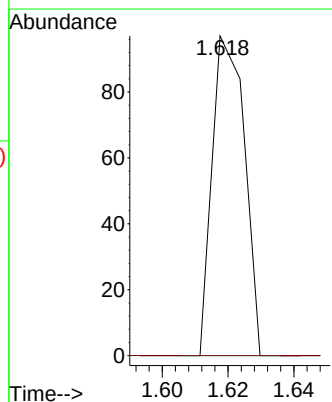
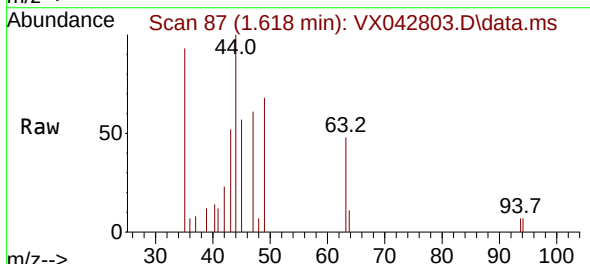
Instrument :
MSVOA_X
ClientSampleId :
P001-CF04-01

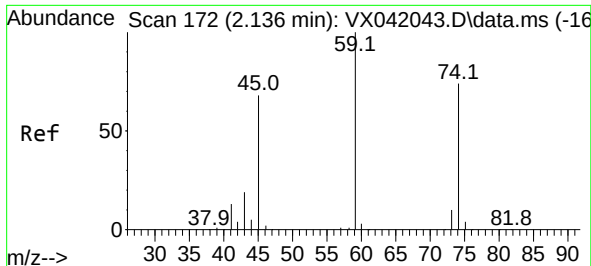
Tgt Ion: 94 Resp: 136
Ion Ratio Lower Upper
94 100
96 42.8 74.6 111.8#



#6
Chloroethane
Concen: 0.246 ug/l
RT: 1.618 min Scan# 87
Delta R.T. -0.042 min
Lab File: VX042803.D
Acq: 01 Aug 2024 18:30

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

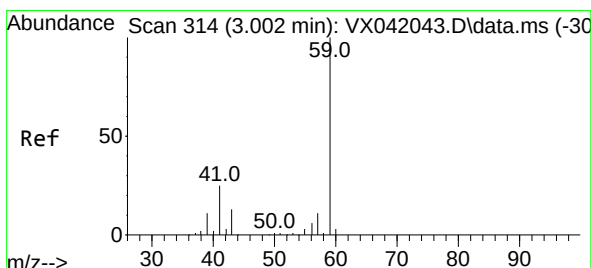
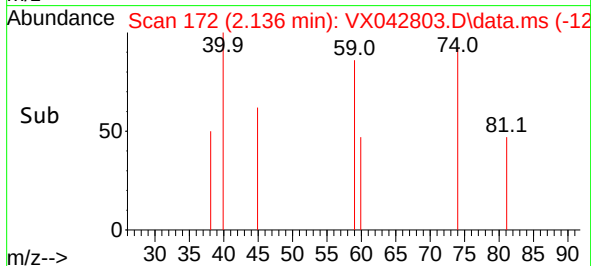
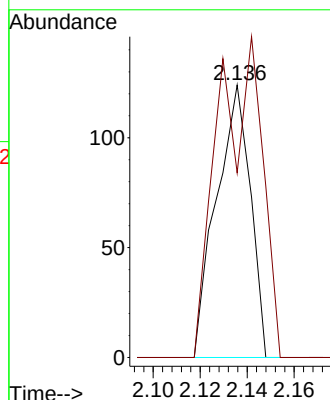
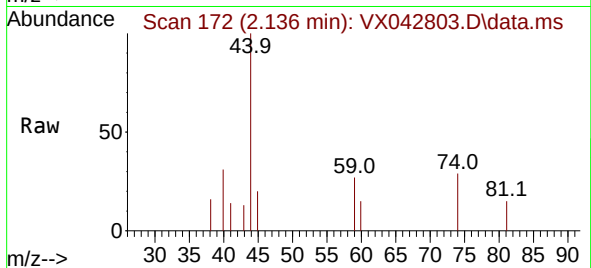




#8
Diethyl Ether
Concen: 0.326 ug/l
RT: 2.136 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042803.D
Acq: 01 Aug 2024 18:30

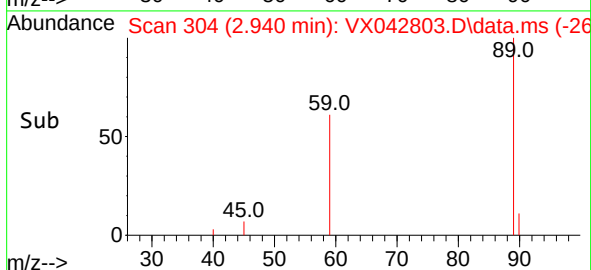
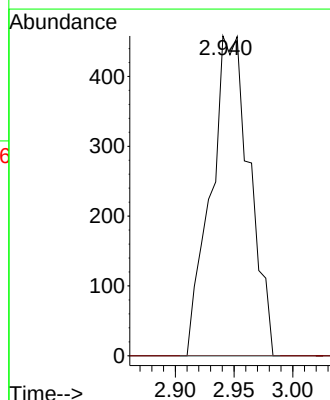
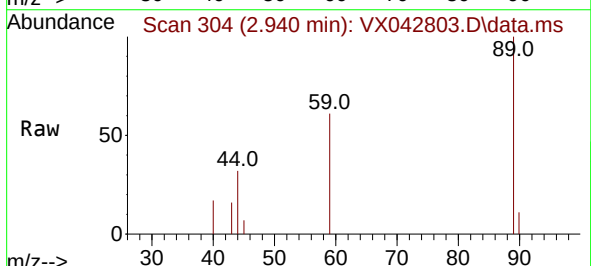
Instrument :
MSVOA_X
ClientSampleId :
P001-CF04-01

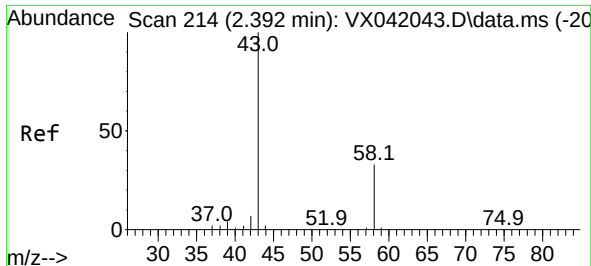
Tgt Ion: 74 Resp: 124
Ion Ratio Lower Upper
74 100
45 151.6 53.3 159.8



#11
Tert butyl alcohol
Concen: 0.548 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.067 min
Lab File: VX042803.D
Acq: 01 Aug 2024 18:30

Tgt Ion: 59 Resp: 1048
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

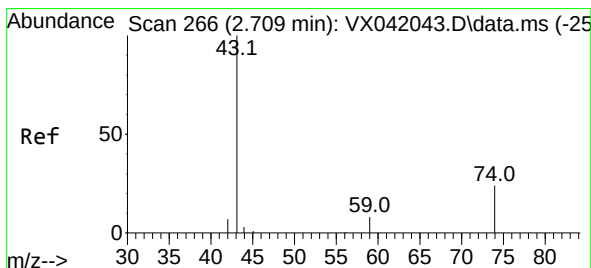
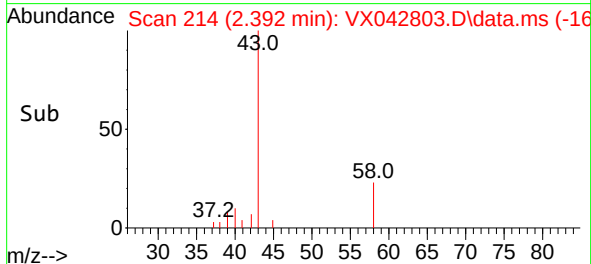
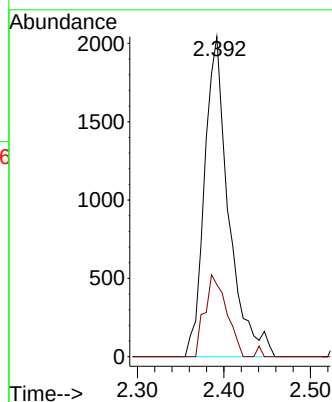
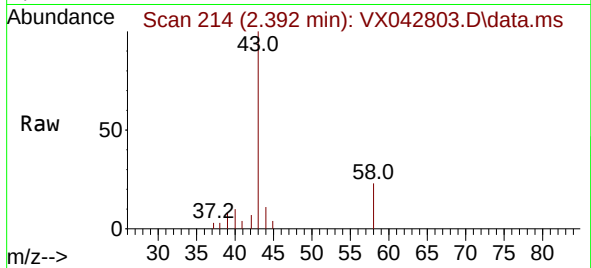




#16
Acetone
Concen: 11.300 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX042803.D
Acq: 01 Aug 2024 18:30

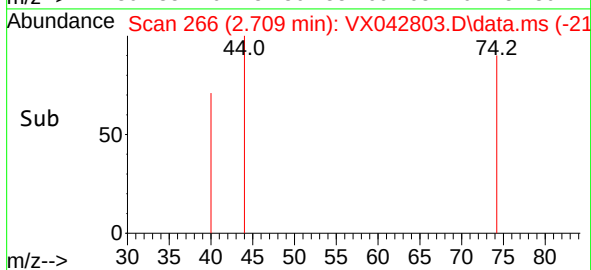
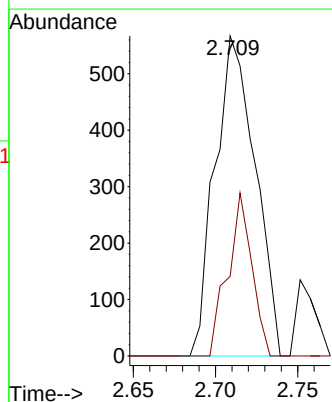
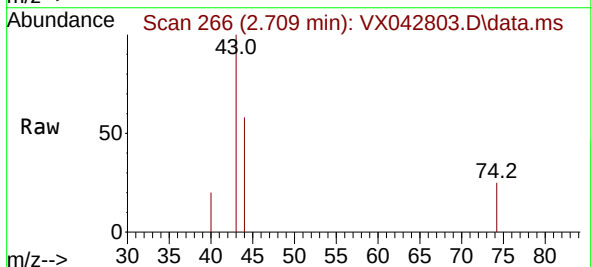
Instrument :
MSVOA_X
ClientSampleId :
P001-CF04-01

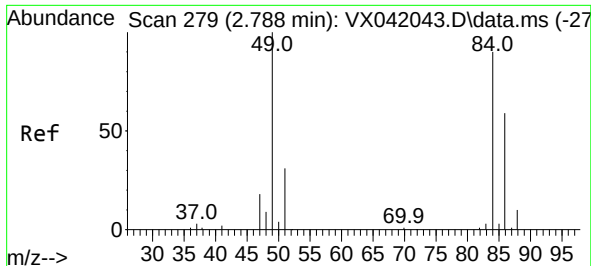
Tgt Ion: 43 Resp: 3953
Ion Ratio Lower Upper
43 100
58 22.5 21.9 32.9



#18
Methyl Acetate
Concen: 1.100 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX042803.D
Acq: 01 Aug 2024 18:30

Tgt Ion: 43 Resp: 966
Ion Ratio Lower Upper
43 100
74 30.5 17.8 26.8#

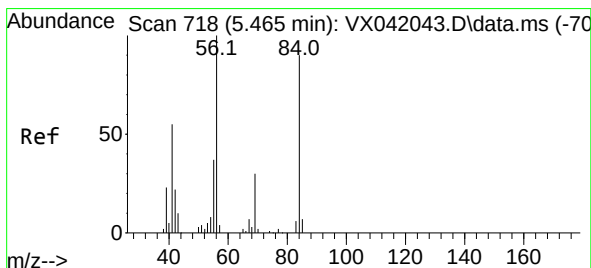
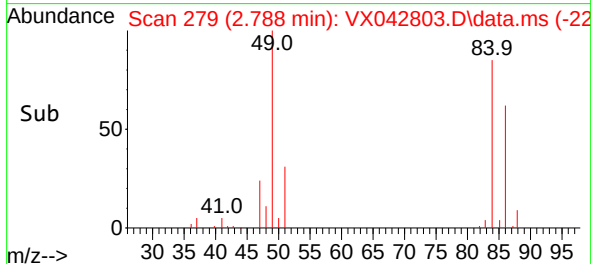
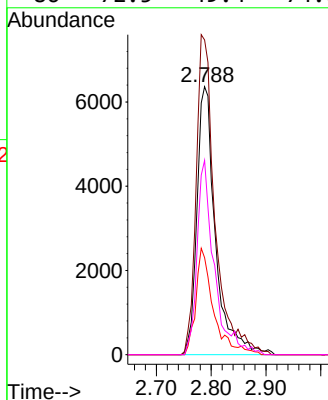
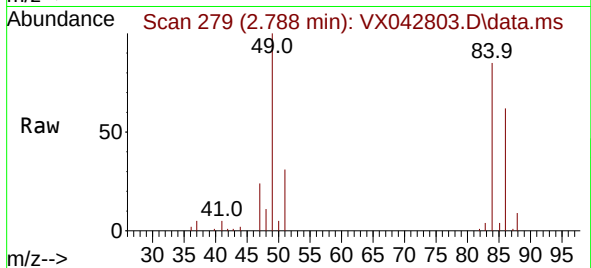




#20
Methylene Chloride
Concen: 18.117 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX042803.D
Acq: 01 Aug 2024 18:30

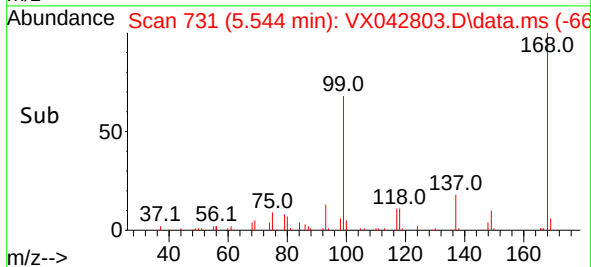
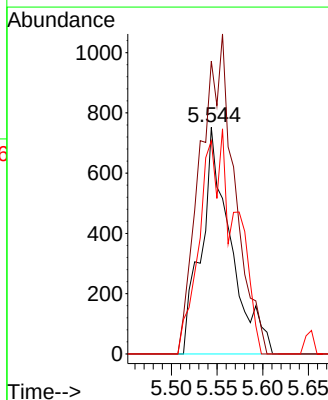
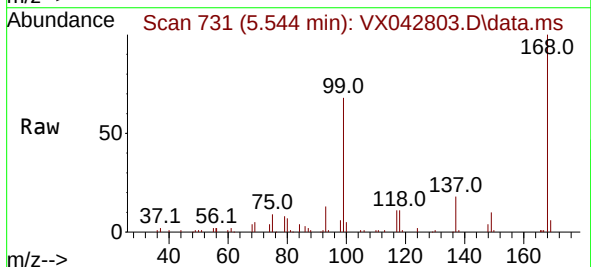
Instrument :
MSVOA_X
ClientSampleId :
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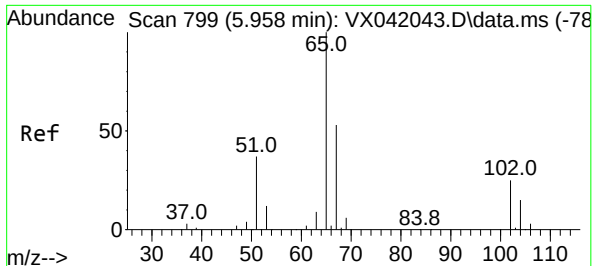
Tgt Ion:	84	Resp:	14993
Ion	Ratio	Lower	Upper
84	100		
49	117.4	103.6	155.4
51	36.2	33.8	50.6
86	72.5	49.4	74.0



#31
Cyclohexane
Concen: 1.572 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.080 min
Lab File: VX042803.D
Acq: 01 Aug 2024 18:30

Tgt Ion:	56	Resp:	1669
Ion	Ratio	Lower	Upper
56	100		
69	129.3	23.4	35.2#
84	94.0	65.9	98.9

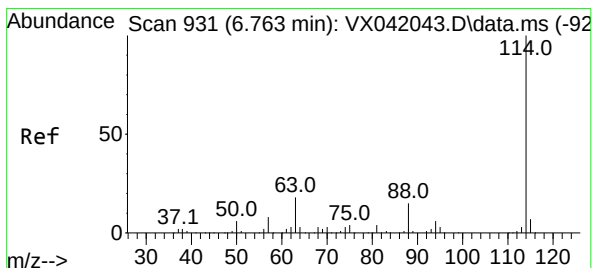
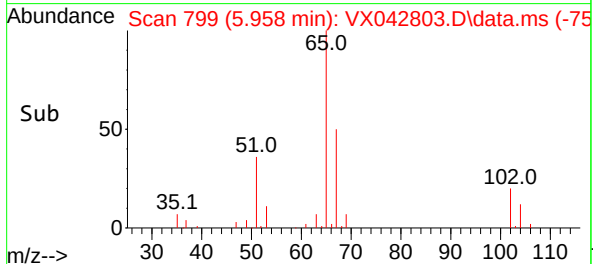
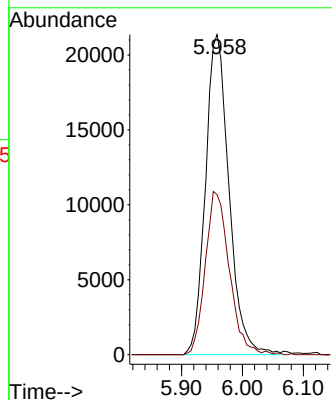
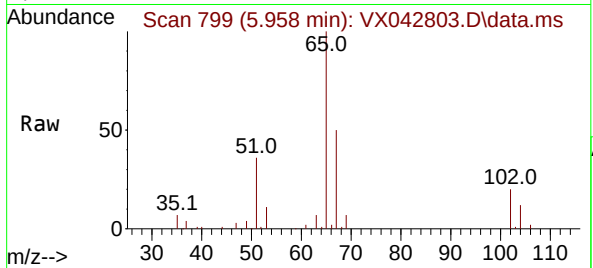




#33
 1,2-Dichloroethane-d4
 Concen: 59.426 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX042803.D
 Acq: 01 Aug 2024 18:30

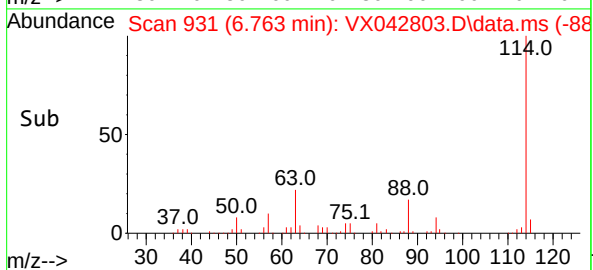
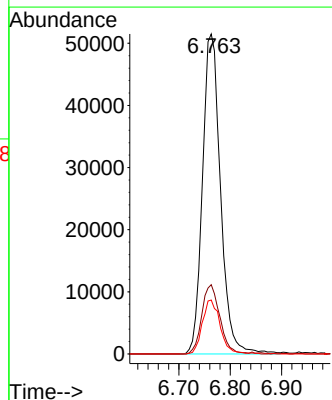
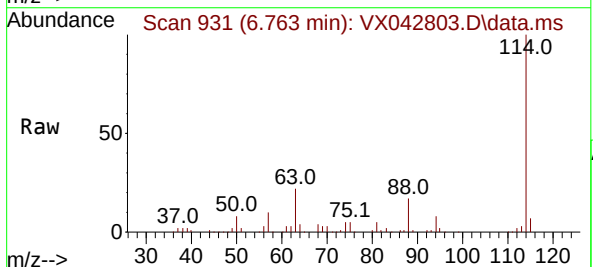
Instrument :
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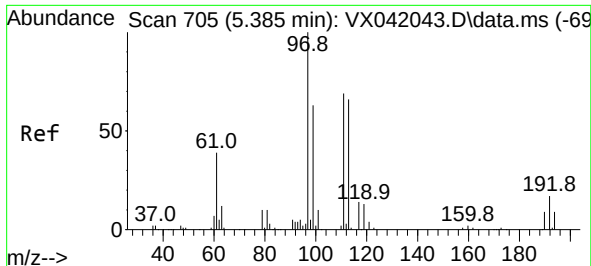
Tgt Ion: 65 Resp: 57249
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX042803.D
 Acq: 01 Aug 2024 18:30

Tgt Ion: 114 Resp: 125816
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 45.0
 88 16.9 0.0 36.6

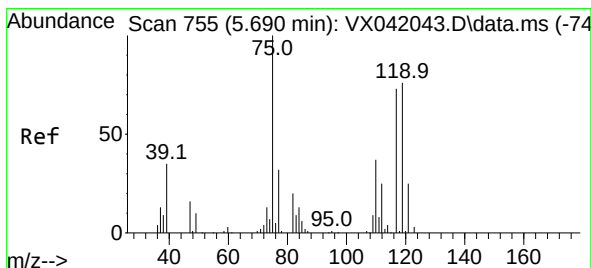
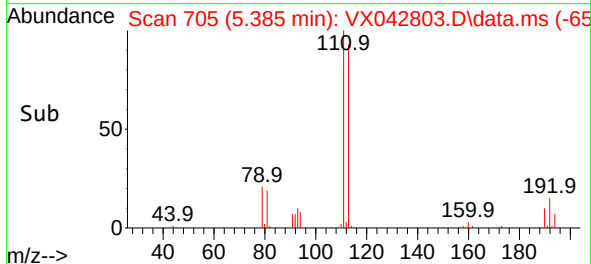
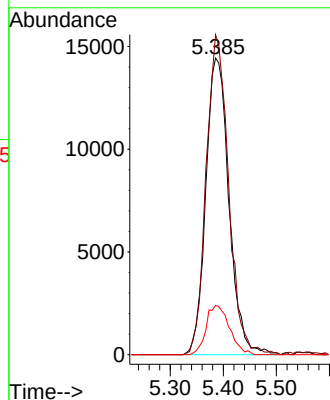
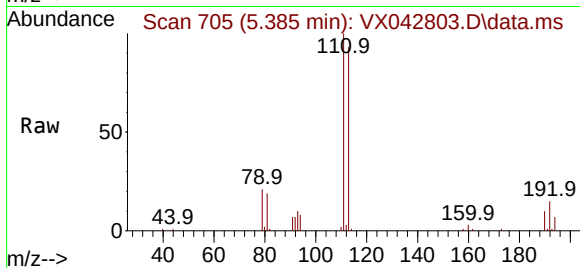




#35
Dibromofluoromethane
Concen: 50.464 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042803.D
Acq: 01 Aug 2024 18:30

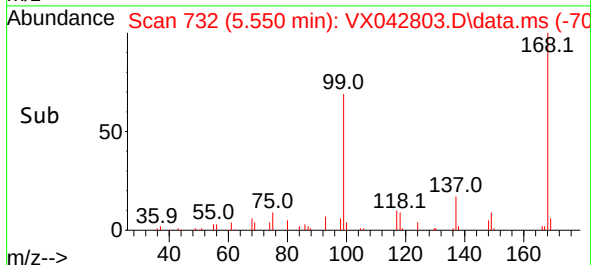
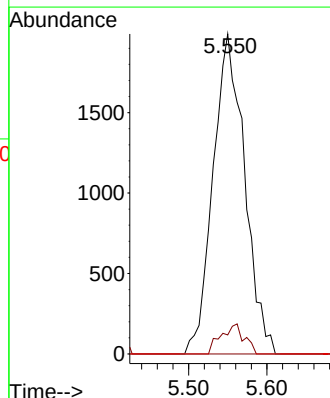
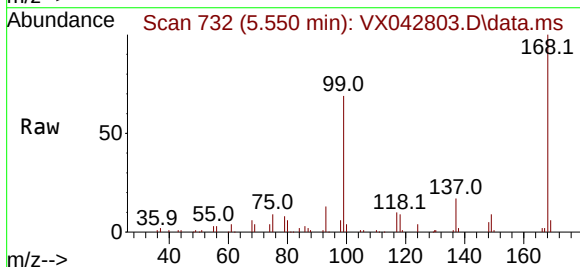
Instrument :
MSVOA_X
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P001-CF04-01

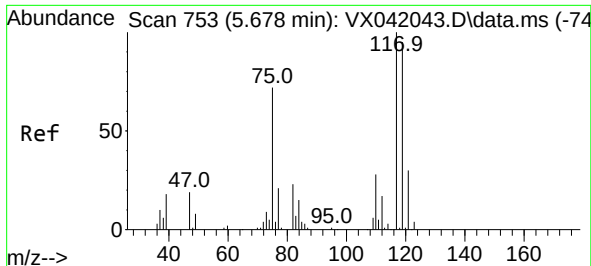
Tgt Ion:113 Resp: 43861
Ion Ratio Lower Upper
113 100
111 104.5 82.9 124.3
192 16.7 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.940 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX042803.D
Acq: 01 Aug 2024 18:30

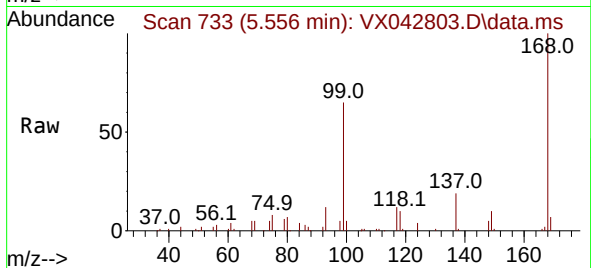
Tgt Ion: 75 Resp: 5568
Ion Ratio Lower Upper
75 100
110 6.8 17.0 50.9#
77 0.0 24.7 37.1#



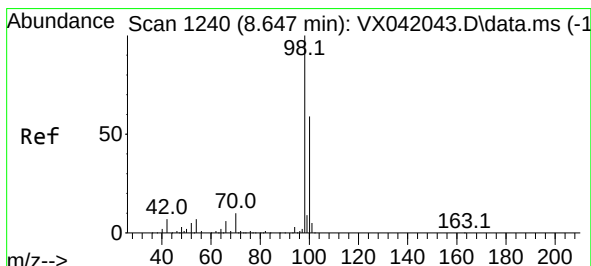
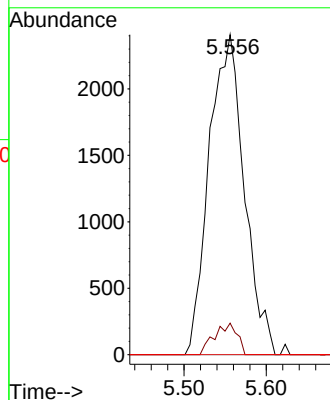
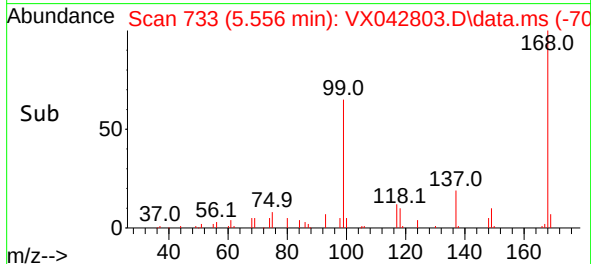


#38
Carbon Tetrachloride
Concen: 5.507 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.122 min
Lab File: VX042803.D
Acq: 01 Aug 2024 18:30

Instrument :
MSVOA_X
ClientSampleId :
P001-CF04-01

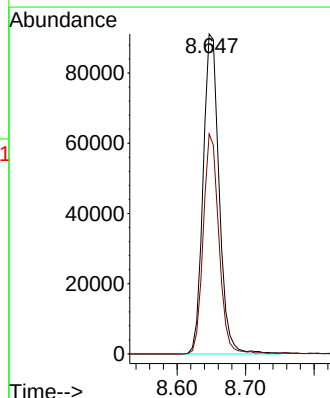
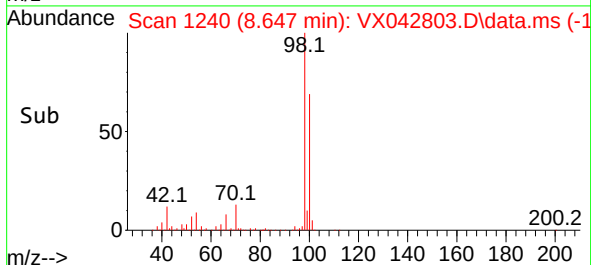
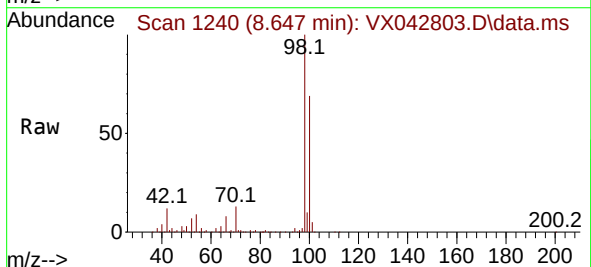


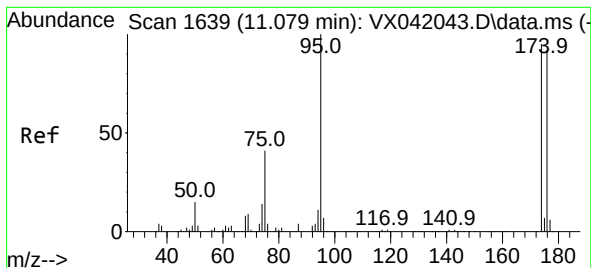
Tgt Ion:117 Resp: 7153
Ion Ratio Lower Upper
117 100
119 9.8 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 47.088 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX042803.D
Acq: 01 Aug 2024 18:30

Tgt Ion: 98 Resp: 148554
Ion Ratio Lower Upper
98 100
100 67.1 53.1 79.7

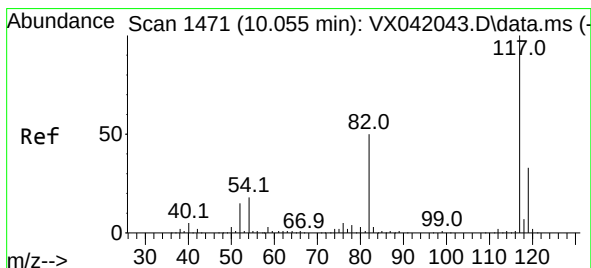
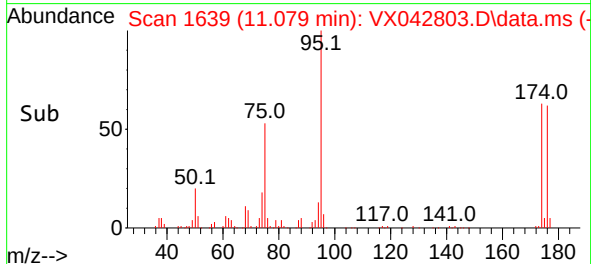
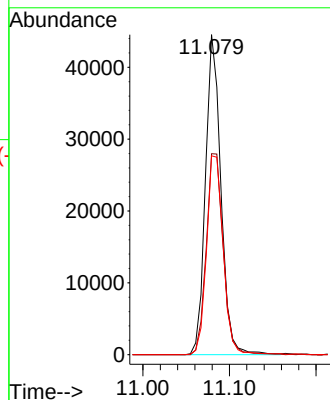
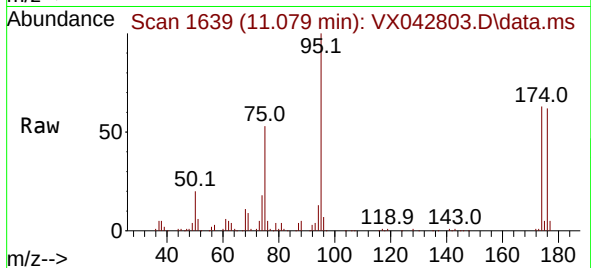




#62
4-Bromofluorobenzene
Concen: 47.909 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042803.D
Acq: 01 Aug 2024 18:30

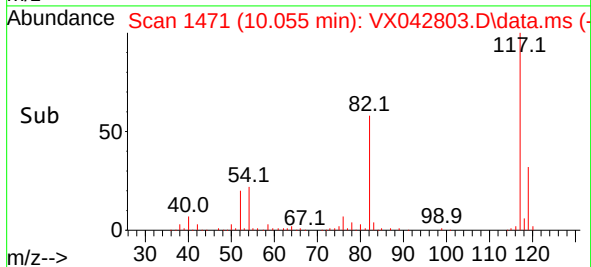
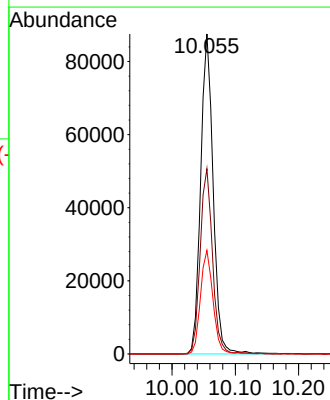
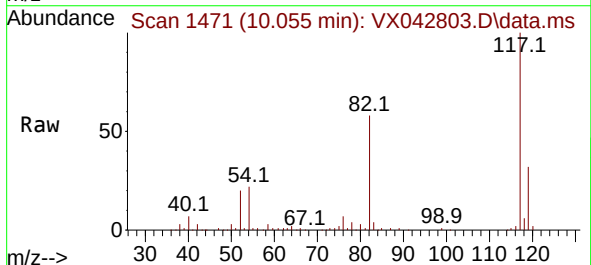
Instrument :
MSVOA_X
ClientSampleId :
P001-CF04-01

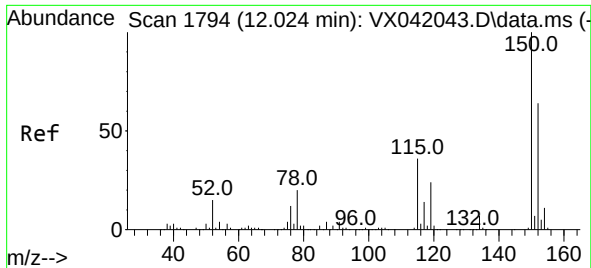
Tgt Ion: 95 Resp: 55234
Ion Ratio Lower Upper
95 100
174 69.1 0.0 135.6
176 67.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042803.D
Acq: 01 Aug 2024 18:30

Tgt Ion: 117 Resp: 120278
Ion Ratio Lower Upper
117 100
82 57.9 46.2 69.4
119 32.4 25.5 38.3

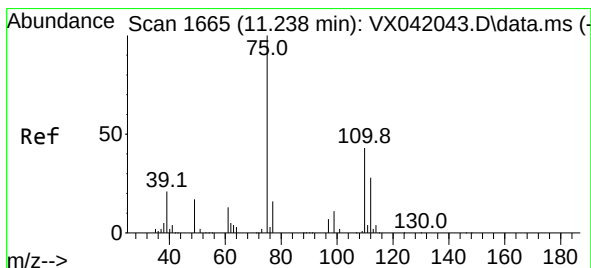
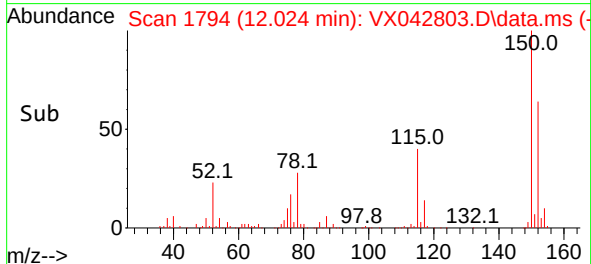
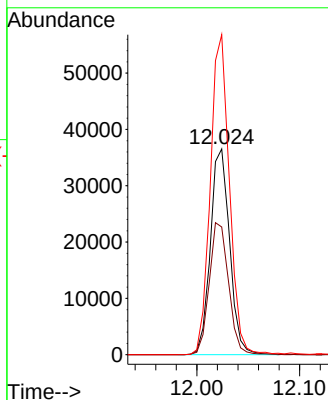
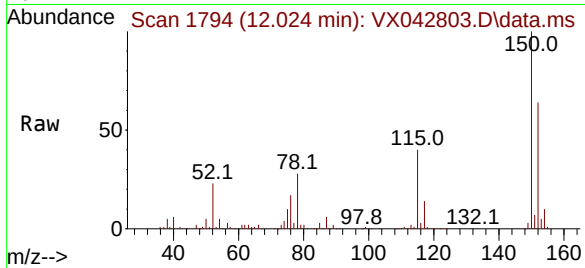




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX042803.D
 Acq: 01 Aug 2024 18:30

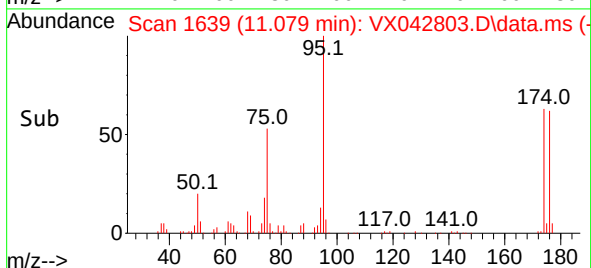
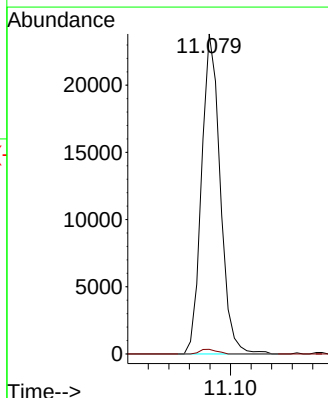
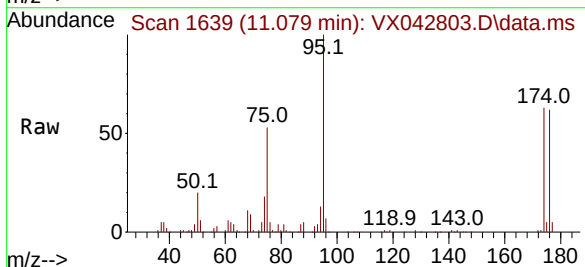
Instrument :
 MSVOA_X
 ClientSampleId :
 P001-CF04-01

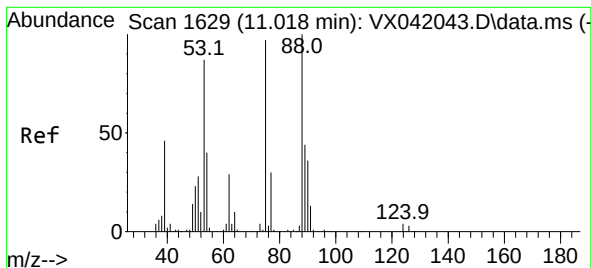
Tgt Ion:152 Resp: 47387
 Ion Ratio Lower Upper
 152 100
 115 64.6 43.3 129.9
 150 154.2 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 27.805 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX042803.D
 Acq: 01 Aug 2024 18:30

Tgt Ion: 75 Resp: 30107
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#

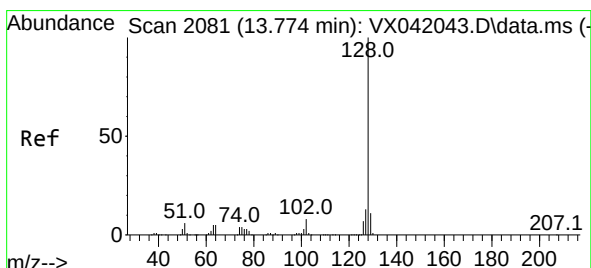
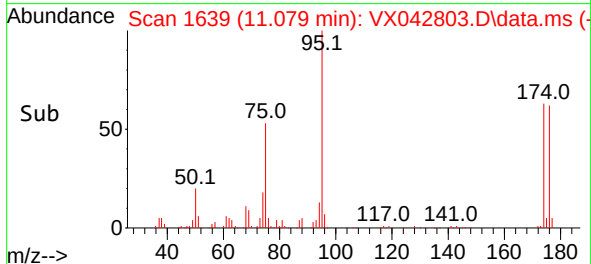
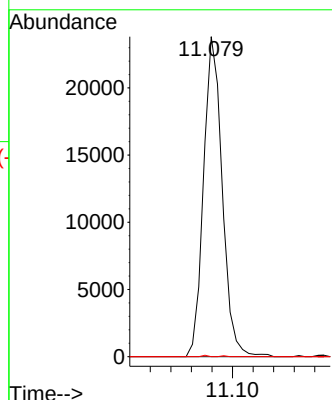
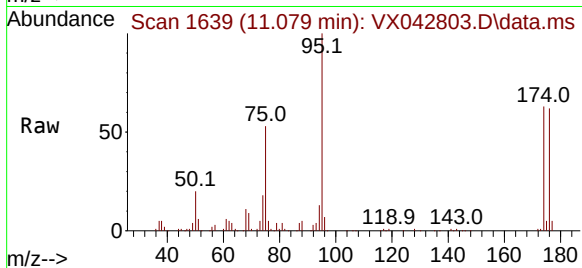




#81
trans-1,4-Dichloro-2-butene
Concen: 82.296 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX042803.D
Acq: 01 Aug 2024 18:30

Instrument :
MSVOA_X
ClientSampleId :
P001-CF04-01

Tgt Ion: 75 Resp: 30107
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#



#95
Naphthalene
Concen: 0.231 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX042803.D
Acq: 01 Aug 2024 18:30

Tgt Ion: 128 Resp: 840
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 8.0 8.8 13.2#

