

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103124\
 Data File : VX043642.D
 Acq On : 31 Oct 2024 11:37
 Operator : JC/MD
 Sample : VIBKJ
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 01 00:50:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 28 13:41:34 2024
 Response via : Initial Calibration

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

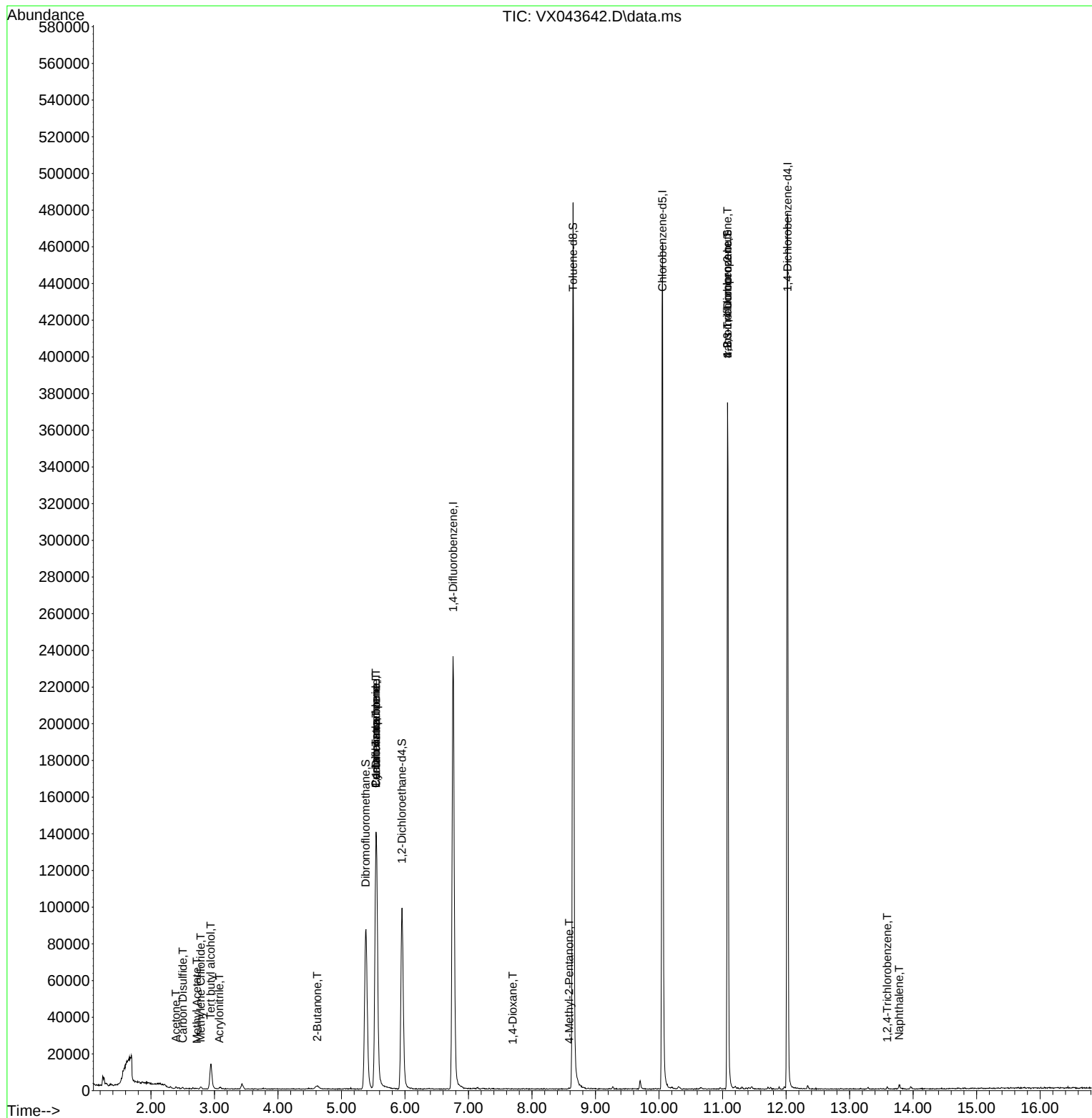
Internal Standards						
1) Pentafluorobenzene	5.543	168	143345	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	264743	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	232904	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108803	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	93492	40.904	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	81.800%		
35) Dibromofluoromethane	5.379	113	79550	44.312	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.620%		
50) Toluene-d8	8.646	98	306348	49.297	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.600%		
62) 4-Bromofluorobenzene	11.079	95	108980	47.326	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	94.660%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.940	59	8278	19.404	ug/l #	100
15) Acrylonitrile	3.074	53	421	0.437	ug/l #	43
16) Acetone	2.391	43	841	0.927	ug/l #	79
17) Carbon Disulfide	2.501	76	969	0.302	ug/l	99
18) Methyl Acetate	2.721	43	616	0.232	ug/l #	51
20) Methylene Chloride	2.782	84	589	0.301	ug/l #	66
25) 2-Butanone	4.617	43	307	0.232	ug/l #	49
31) Cyclohexane	5.543	56	2989	1.239	ug/l #	1
36) 1,1-Dichloropropene	5.543	75	10632	4.995	ug/l #	49
38) Carbon Tetrachloride	5.543	117	14435	6.137	ug/l #	16
49) 1,4-Dioxane	7.695	88	38	0.913	ug/l #	25
51) 4-Methyl-2-Pentanone	8.585	43	572	0.220	ug/l #	58
76) 1,2,3-Trichloropropane	11.079	75	52528	22.580	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	52528	62.117	ug/l #	7
93) 1,2,4-Trichlorobenzene	13.591	180	464	0.210	ug/l	93
95) Naphthalene	13.780	128	2299	0.271	ug/l #	89

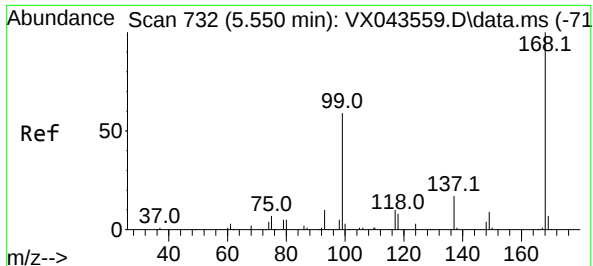
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 01 00:50:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 28 13:41:34 2024
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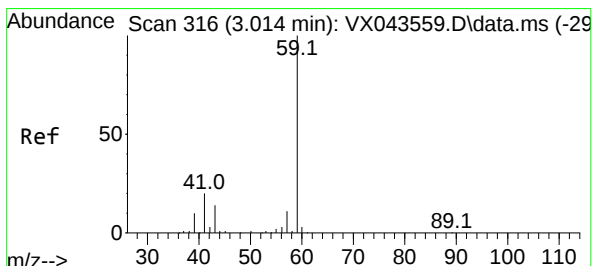
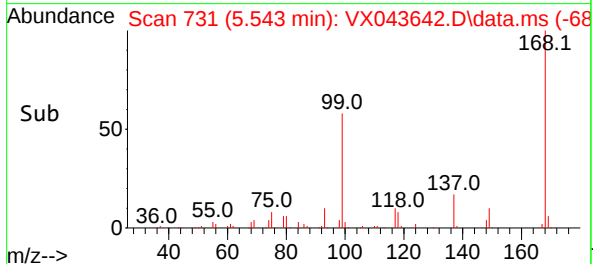
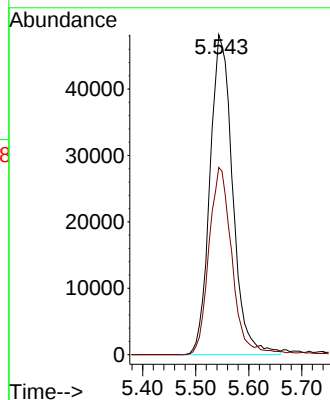
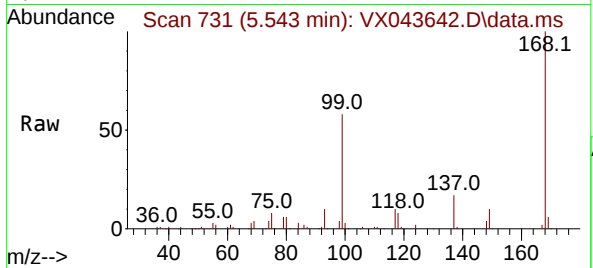




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX043642.D
Acq: 31 Oct 2024 11:37

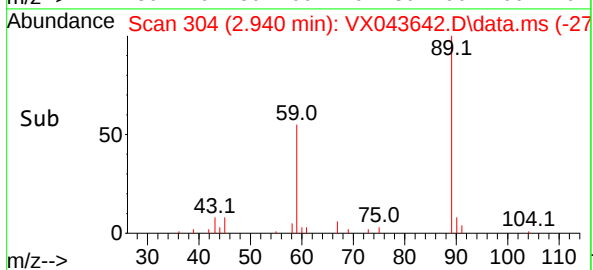
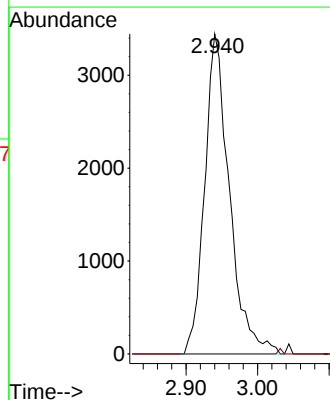
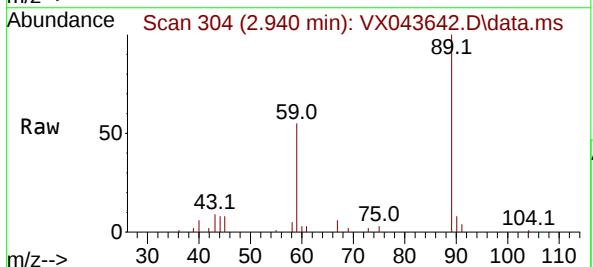
Instrument :
MSVOA_X
ClientSampleId :

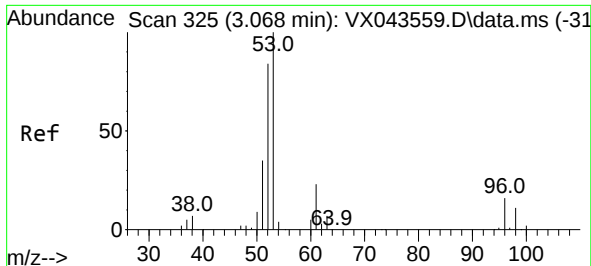
Tgt Ion:168 Resp: 143345
Ion Ratio Lower Upper
168 100
99 58.5 52.6 78.8



#11
Tert butyl alcohol
Concen: 19.404 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.110 min
Lab File: VX043642.D
Acq: 31 Oct 2024 11:37

Tgt Ion: 59 Resp: 8278
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0





#15

Acrylonitrile

Concen: 0.437 ug/l

RT: 3.074 min Scan# 31

Delta R.T. -0.000 min MSVOA_X

Lab File: VX043642.D

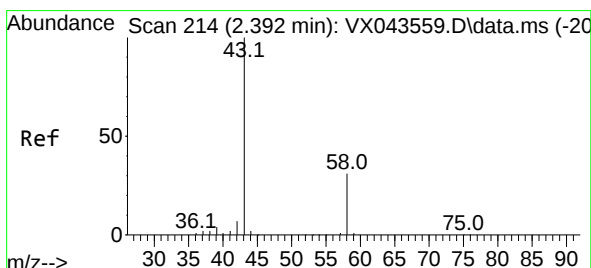
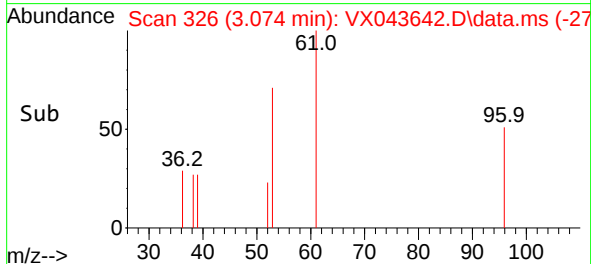
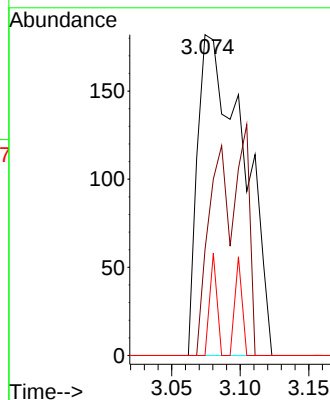
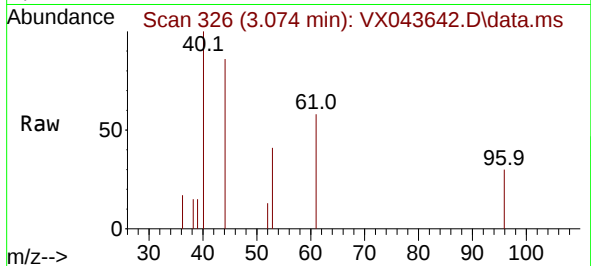
Acq: 31 Oct 2024 11:37

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 53	Resp:	421
Ion Ratio	Lower	Upper
53	100	
52	29.7	65.8 98.6#
51	5.0	28.5 42.7#



#16

Acetone

Concen: 0.927 ug/l

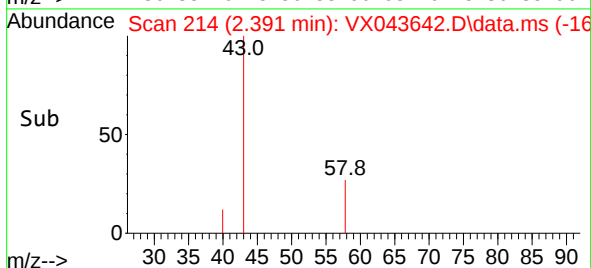
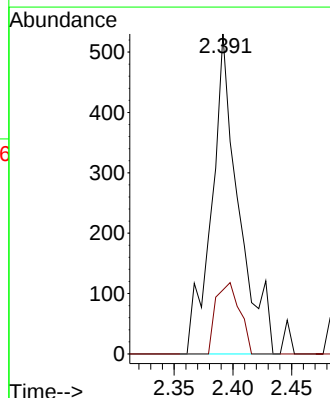
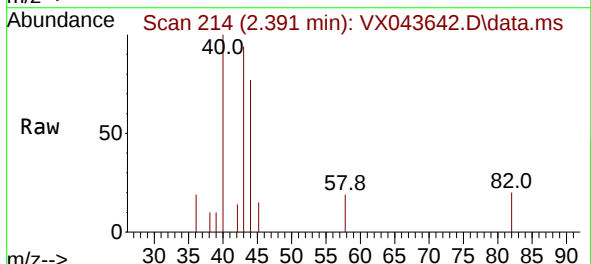
RT: 2.391 min Scan# 214

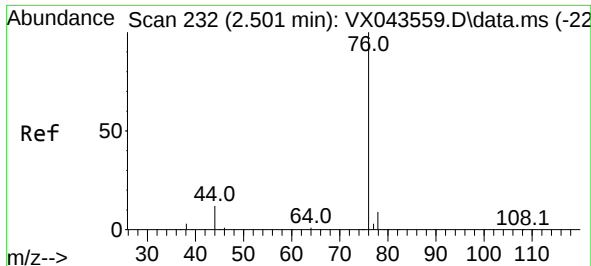
Delta R.T. -0.006 min

Lab File: VX043642.D

Acq: 31 Oct 2024 11:37

Tgt Ion: 43	Resp:	841
Ion Ratio	Lower	Upper
43	100	
58	20.0	25.1 37.7#

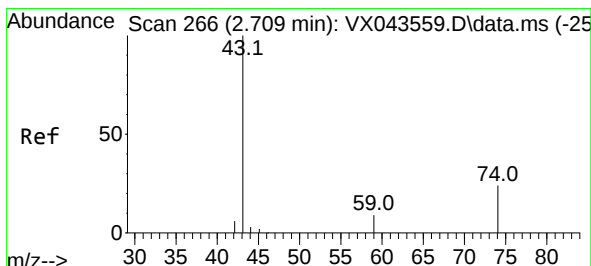
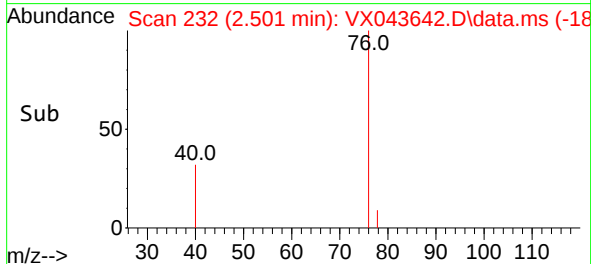
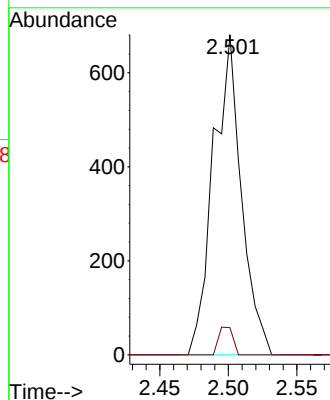
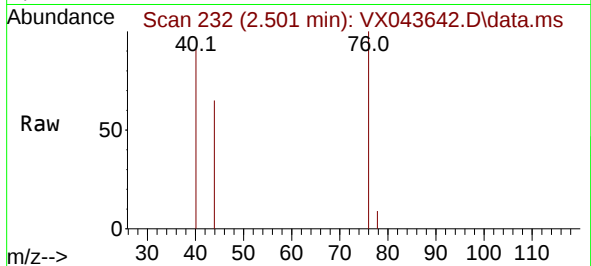




#17
Carbon Disulfide
Concen: 0.302 ug/l
RT: 2.501 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX043642.D
Acq: 31 Oct 2024 11:37

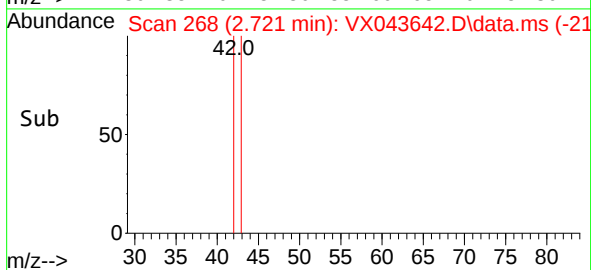
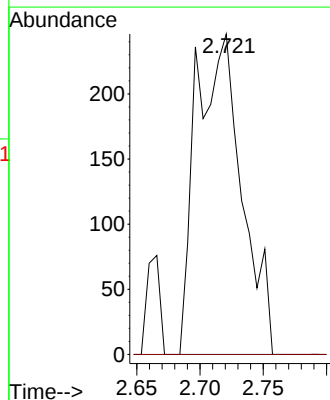
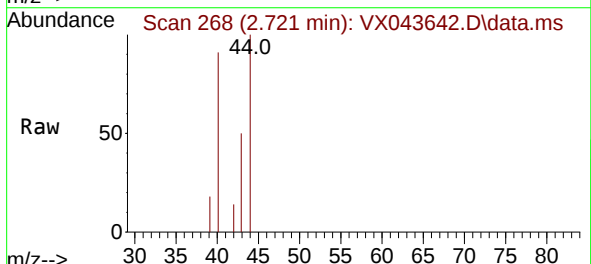
Instrument :
MSVOA_X
ClientSampleId :

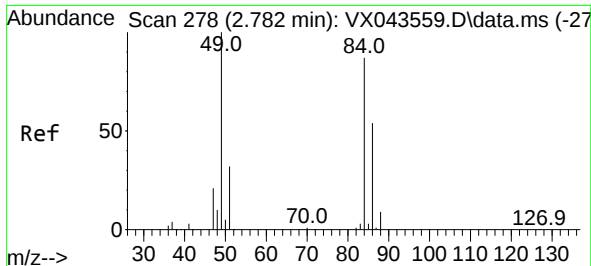
Tgt Ion: 76 Resp: 969
Ion Ratio Lower Upper
76 100
78 8.5 7.1 10.7



#18
Methyl Acetate
Concen: 0.232 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.012 min
Lab File: VX043642.D
Acq: 31 Oct 2024 11:37

Tgt Ion: 43 Resp: 616
Ion Ratio Lower Upper
43 100
74 0.0 19.1 28.7#

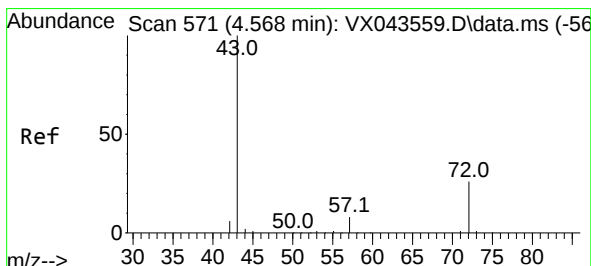
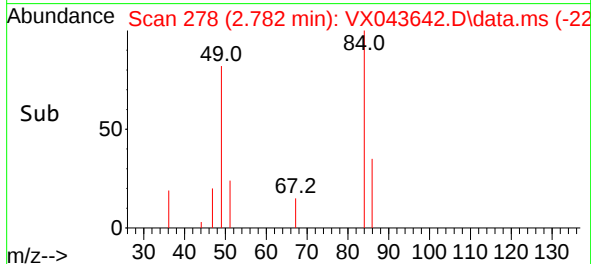
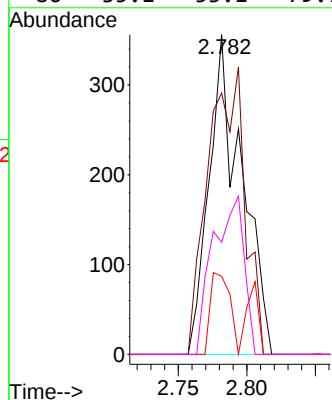
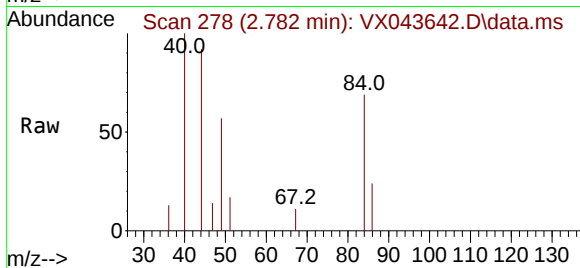




#20
Methylene Chloride
Concen: 0.301 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX043642.D
Acq: 31 Oct 2024 11:37

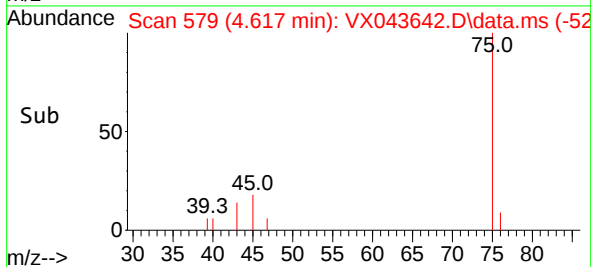
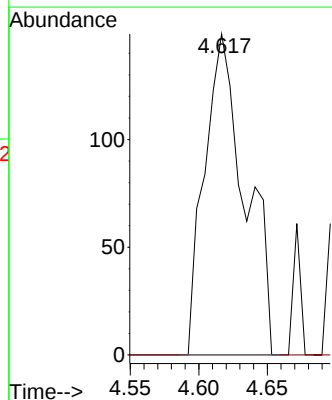
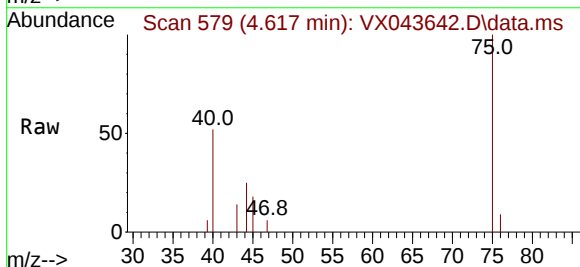
Instrument :
MSVOA_X
ClientSampleId :

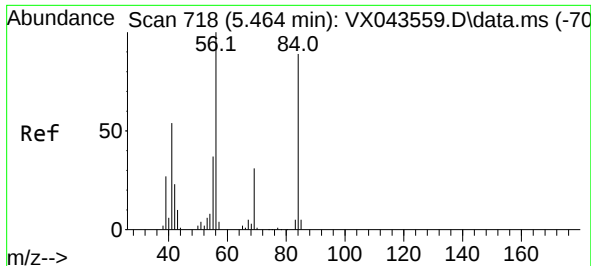
Tgt Ion:	84	Resp:	589
Ion	Ratio	Lower	Upper
84	100		
49	81.7	97.0	145.6#
51	24.4	29.8	44.8#
86	35.1	53.1	79.7#



#25
2-Butanone
Concen: 0.232 ug/l
RT: 4.617 min Scan# 579
Delta R.T. 0.049 min
Lab File: VX043642.D
Acq: 31 Oct 2024 11:37

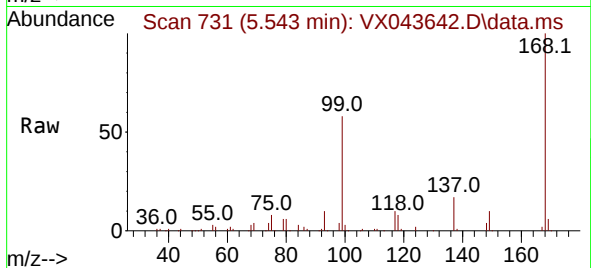
Tgt Ion:	43	Resp:	307
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.1	31.7#



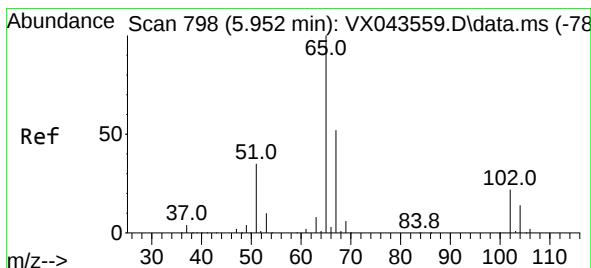
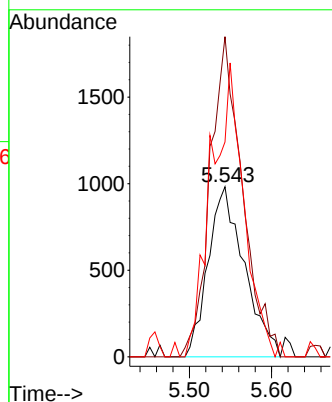
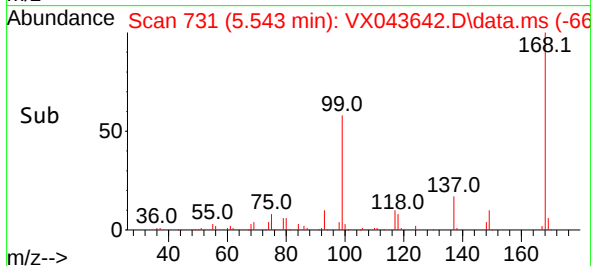


#31
Cyclohexane
Concen: 1.239 ug/l
RT: 5.543 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX043642.D
Acq: 31 Oct 2024 11:37

Instrument :
MSVOA_X
ClientSampleId :

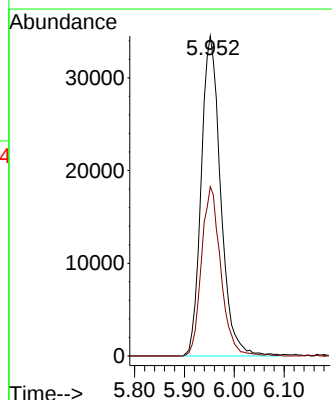
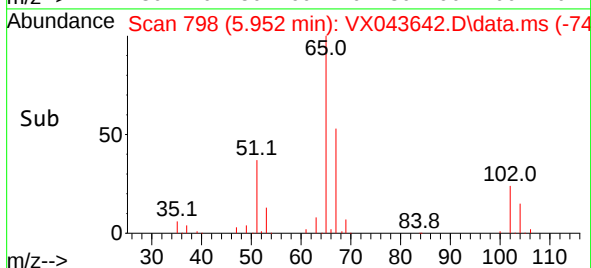
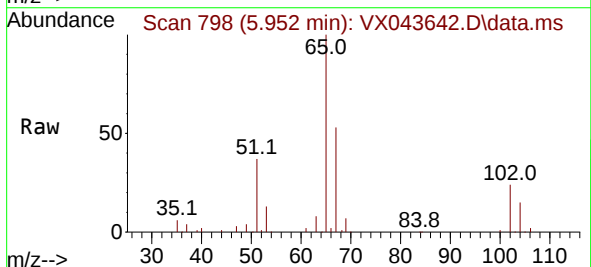


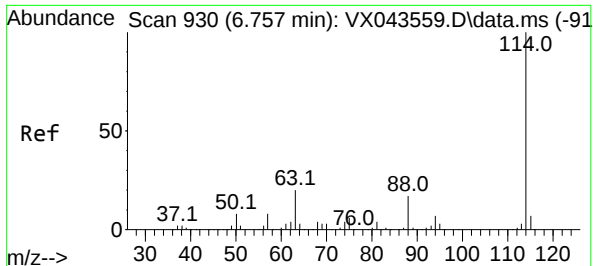
Tgt Ion: 56 Resp: 2989
Ion Ratio Lower Upper
56 100
69 188.3 24.9 37.3#
84 126.4 73.3 109.9#



#33
1,2-Dichloroethane-d4
Concen: 40.904 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX043642.D
Acq: 31 Oct 2024 11:37

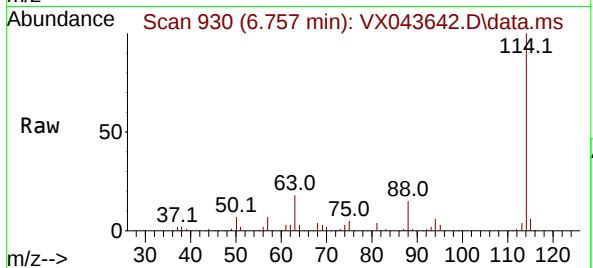
Tgt Ion: 65 Resp: 93492
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.4



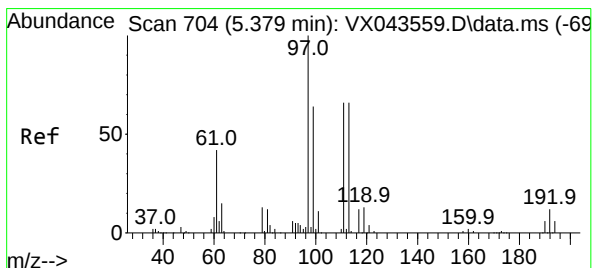
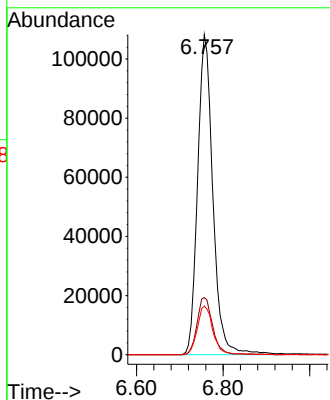
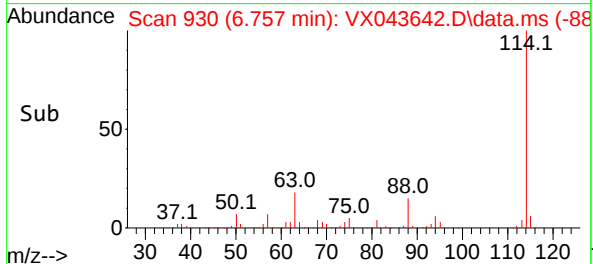


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX043642.D
Acq: 31 Oct 2024 11:37

Instrument :
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ClientSampleId :

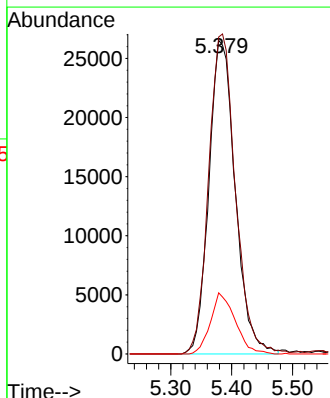
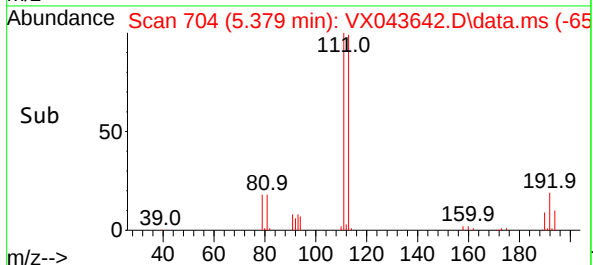
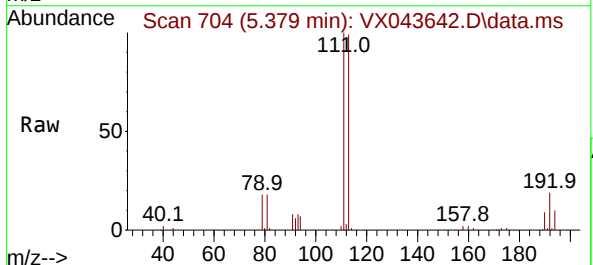


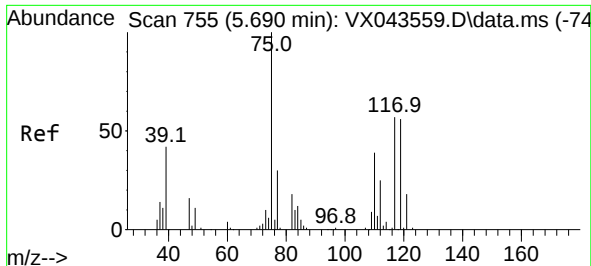
Tgt Ion:114 Resp: 264743
Ion Ratio Lower Upper
114 100
63 17.8 0.0 41.2
88 15.1 0.0 34.0



#35
Dibromofluoromethane
Concen: 44.312 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX043642.D
Acq: 31 Oct 2024 11:37

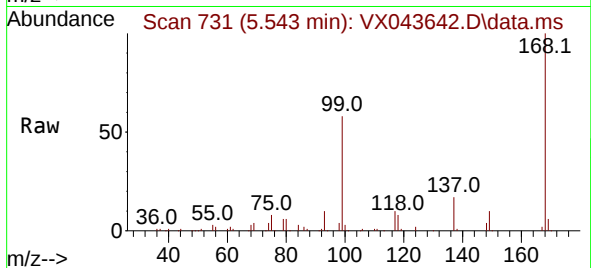
Tgt Ion:113 Resp: 79550
Ion Ratio Lower Upper
113 100
111 103.8 81.4 122.0
192 18.3 14.1 21.1



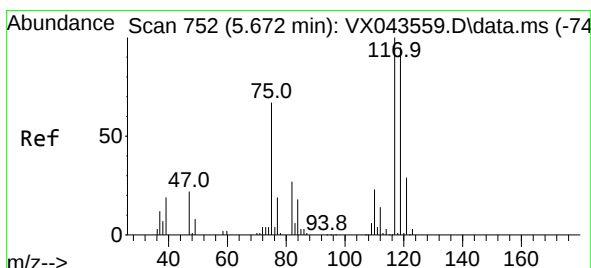
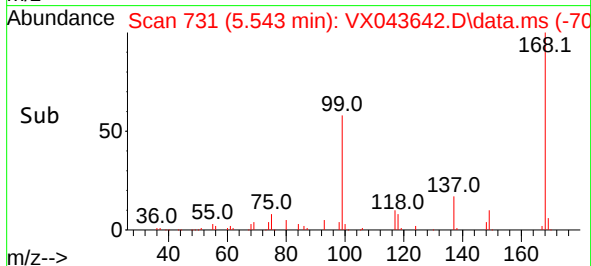
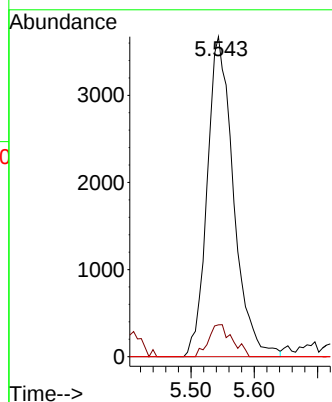


#36
1,1-Dichloropropene
Concen: 4.995 ug/l
RT: 5.543 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX043642.D
Acq: 31 Oct 2024 11:37

Instrument :
MSVOA_X
ClientSampleId :

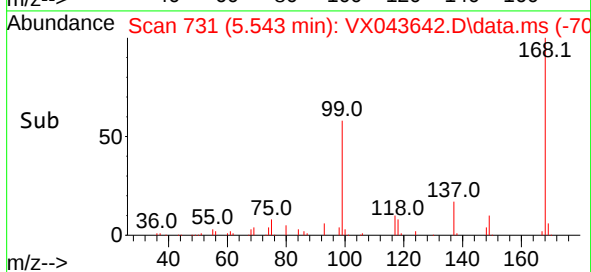
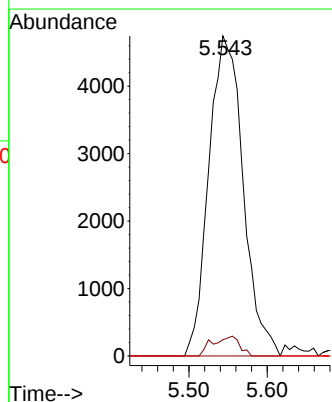
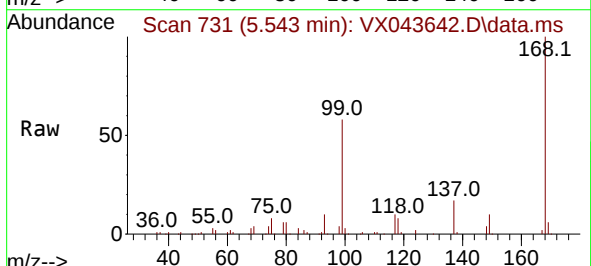


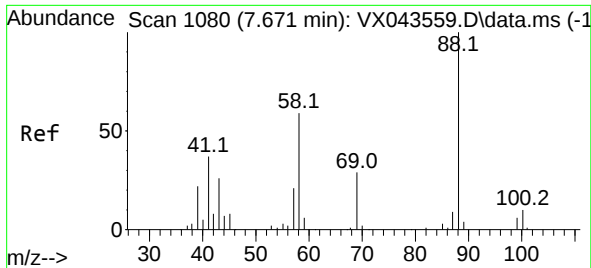
Tgt Ion: 75 Resp: 10632
Ion Ratio Lower Upper
75 100
110 9.0 17.9 53.7#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.137 ug/l
RT: 5.543 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX043642.D
Acq: 31 Oct 2024 11:37

Tgt Ion: 117 Resp: 14435
Ion Ratio Lower Upper
117 100
119 5.1 77.0 115.6#
121 0.0 24.7 37.1#

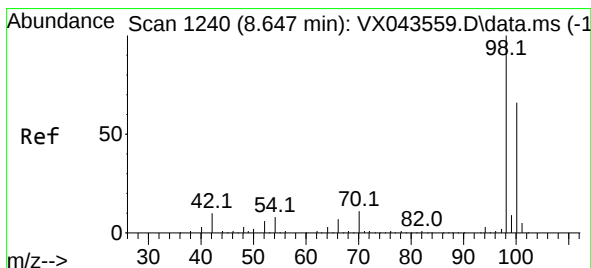
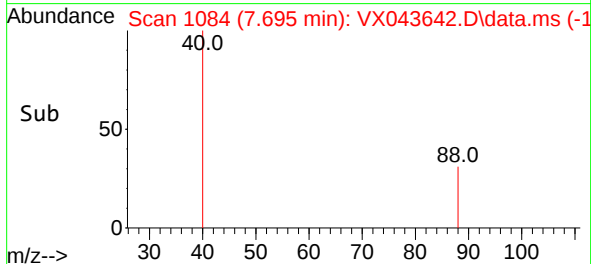
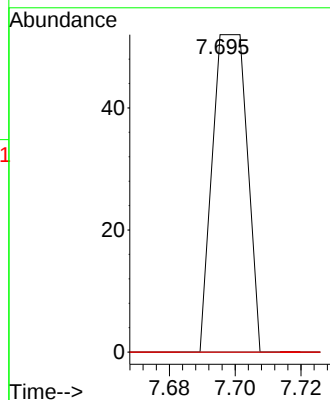
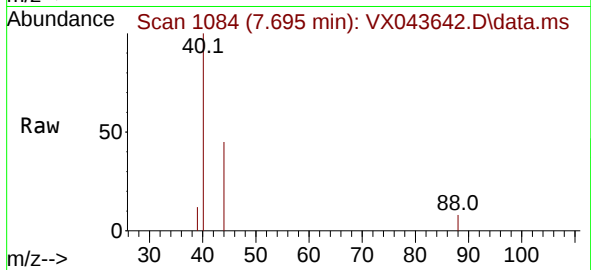




#49
1,4-Dioxane
Concen: 0.913 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. 0.024 min
Lab File: VX043642.D
Acq: 31 Oct 2024 11:37

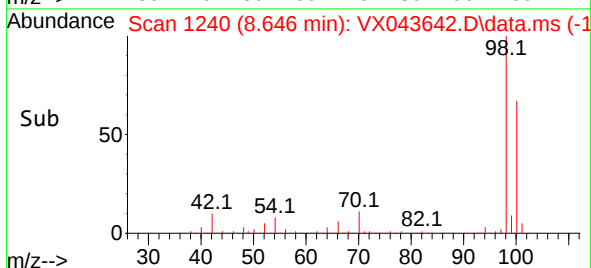
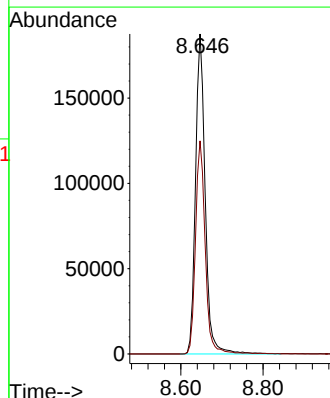
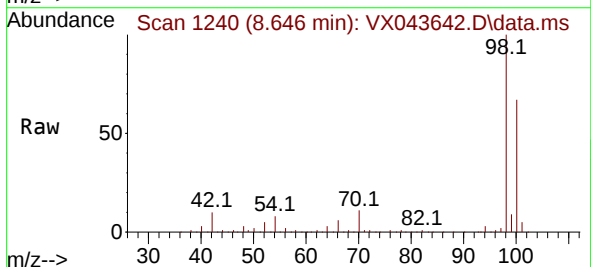
Instrument :
MSVOA_X
ClientSampleId :

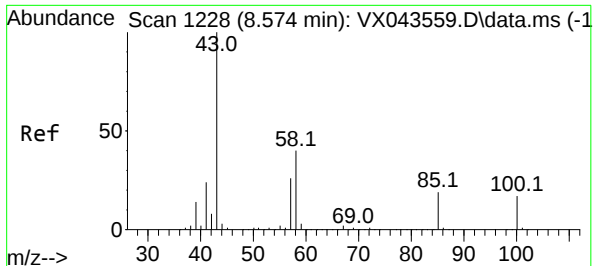
Tgt Ion: 88 Resp: 38
Ion Ratio Lower Upper
88 100
43 0.0 25.3 37.9#
58 0.0 53.9 80.9#



#50
Toluene-d8
Concen: 49.297 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043642.D
Acq: 31 Oct 2024 11:37

Tgt Ion: 98 Resp: 306348
Ion Ratio Lower Upper
98 100
100 67.1 53.4 80.2

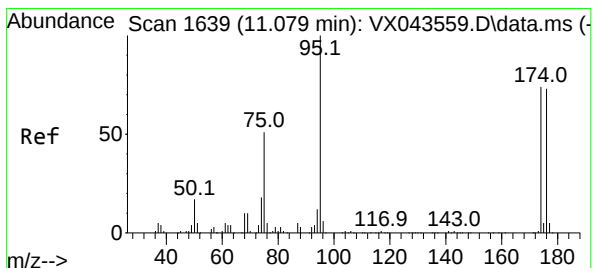
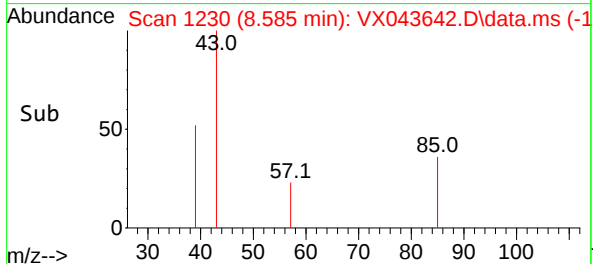
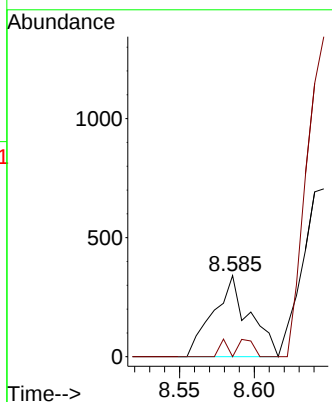
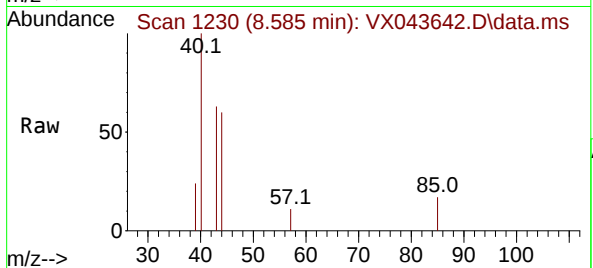




#51
4-Methyl-2-Pentanone
Concen: 0.220 ug/l
RT: 8.585 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX043642.D
Acq: 31 Oct 2024 11:37

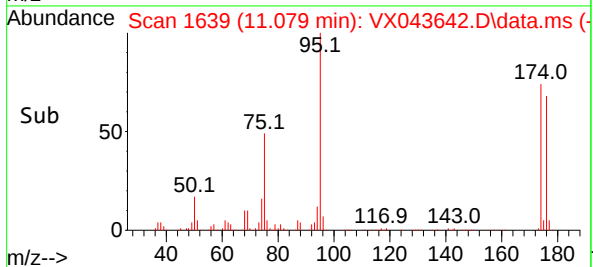
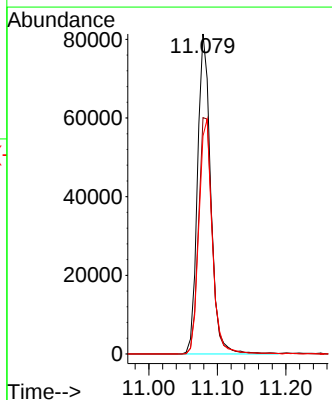
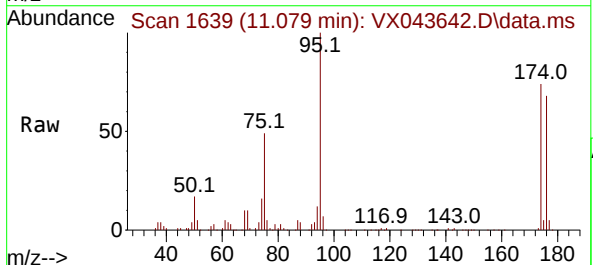
Instrument :
MSVOA_X
ClientSampleId :

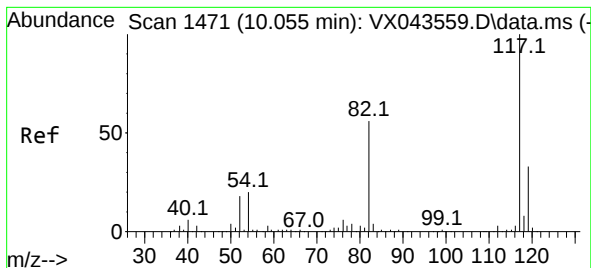
Tgt Ion: 43 Resp: 572
Ion Ratio Lower Upper
43 100
58 13.6 31.7 47.5#



#62
4-Bromofluorobenzene
Concen: 47.326 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043642.D
Acq: 31 Oct 2024 11:37

Tgt Ion: 95 Resp: 108980
Ion Ratio Lower Upper
95 100
174 77.1 0.0 146.6
176 74.2 0.0 139.6

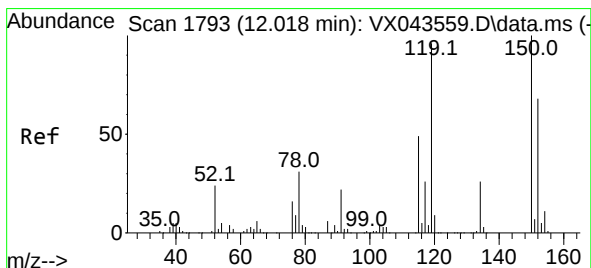
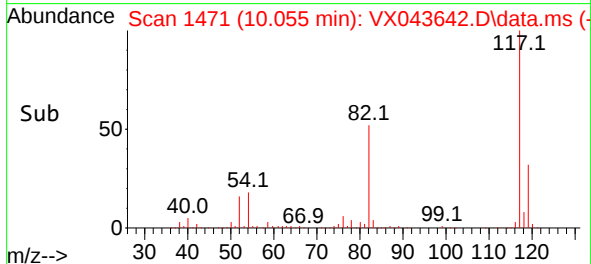
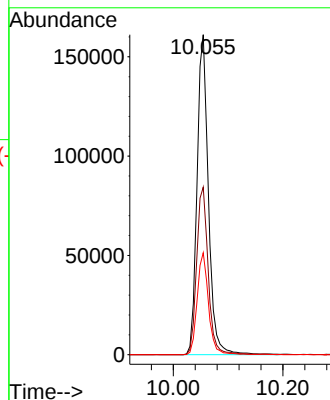
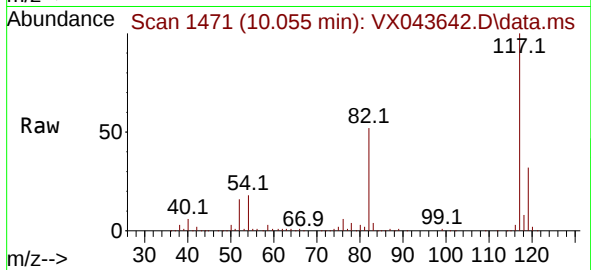




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043642.D
Acq: 31 Oct 2024 11:37

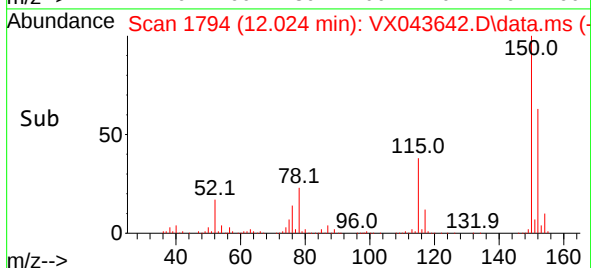
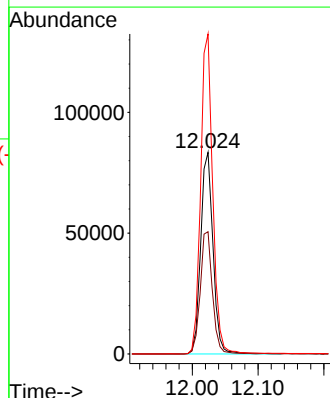
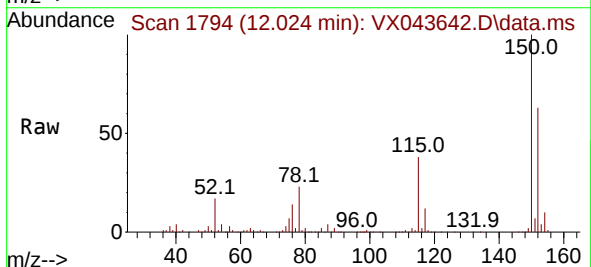
Instrument :
MSVOA_X
ClientSampleId :

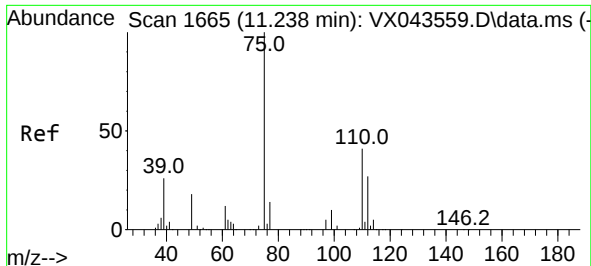
Tgt Ion:117 Resp: 232904
Ion Ratio Lower Upper
117 100
82 52.4 42.1 63.1
119 31.9 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX043642.D
Acq: 31 Oct 2024 11:37

Tgt Ion:152 Resp: 108803
Ion Ratio Lower Upper
152 100
115 60.0 42.9 128.7
150 155.2 0.0 343.6

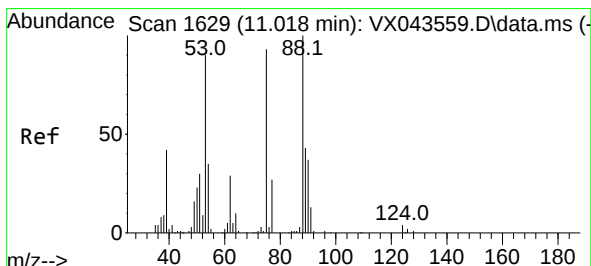
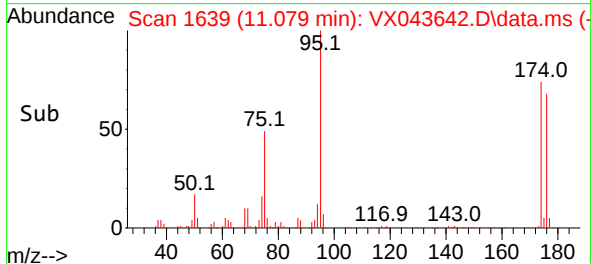
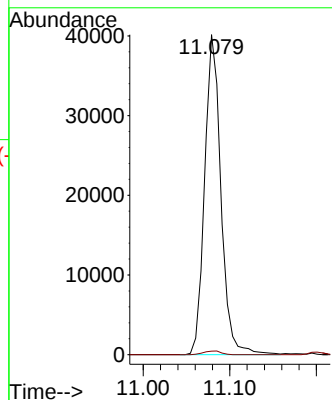
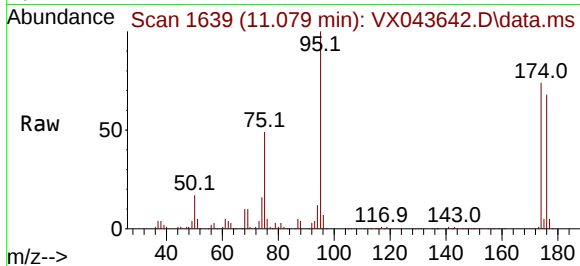




#76
1,2,3-Trichloropropane
Concen: 22.580 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX043642.D
Acq: 31 Oct 2024 11:37

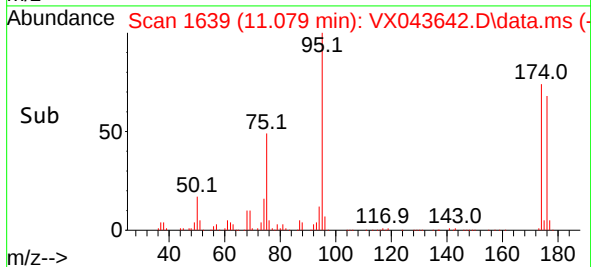
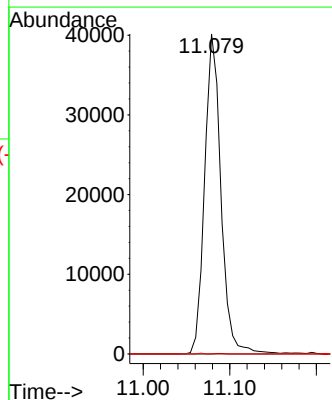
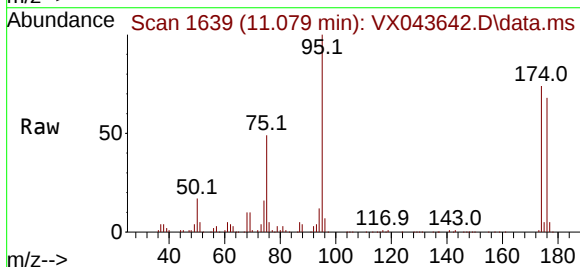
Instrument :
MSVOA_X
ClientSampleId :

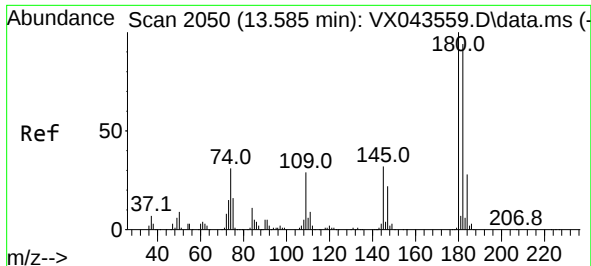
Tgt Ion: 75 Resp: 52528
Ion Ratio Lower Upper
75 100
77 1.2 22.4 67.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.117 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043642.D
Acq: 31 Oct 2024 11:37

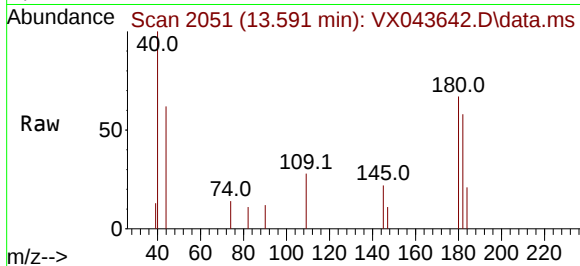
Tgt Ion: 75 Resp: 52528
Ion Ratio Lower Upper
75 100
53 0.1 84.6 126.8#
89 0.0 38.6 58.0#



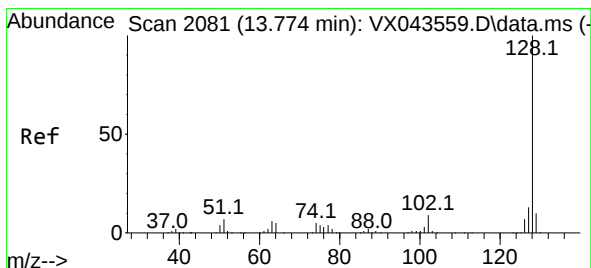
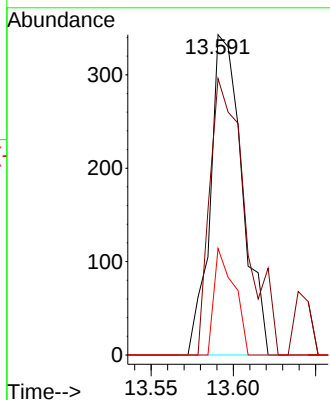
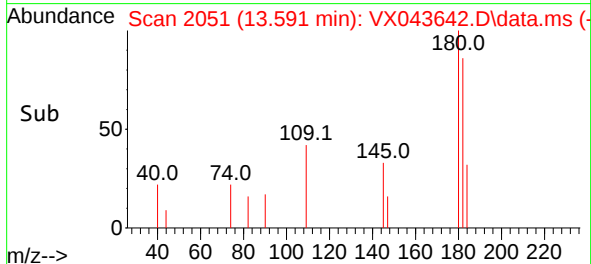


#93
1,2,4-Trichlorobenzene
Concen: 0.210 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX043642.D
Acq: 31 Oct 2024 11:37

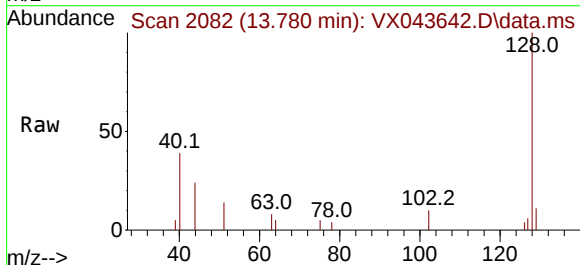
Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:180 Resp: 464
Ion Ratio Lower Upper
180 100
182 96.1 46.8 140.4
145 20.9 16.1 48.3



#95
Naphthalene
Concen: 0.271 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX043642.D
Acq: 31 Oct 2024 11:37



Tgt Ion:128 Resp: 2299
Ion Ratio Lower Upper
128 100
127 4.4 10.2 15.4#
129 10.9 8.7 13.1

