

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100324\
 Data File : VX043265.D
 Acq On : 03 Oct 2024 16:21
 Operator : JC/MD
 Sample : P4263-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: Oct 04 01:34:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

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

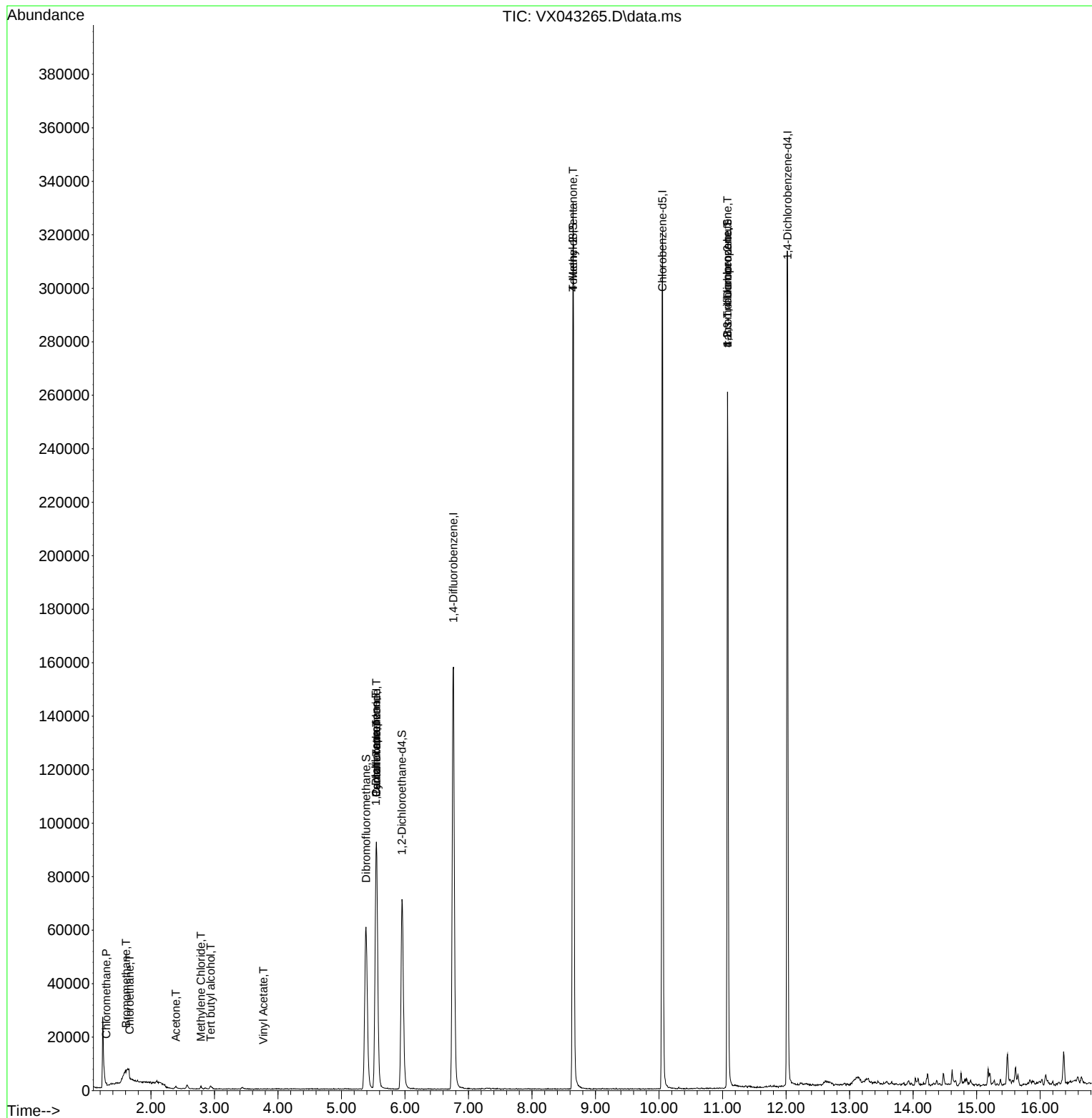
Internal Standards						
1) Pentafluorobenzene	5.550	168	85569	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	160528	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	141983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63595	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	72074	51.575	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.140%	
35) Dibromofluoromethane	5.385	113	53853	48.645	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.280%	
50) Toluene-d8	8.647	98	195065	50.845	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.680%	
62) 4-Bromofluorobenzene	11.079	95	70199	50.366	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 100.740%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	371	0.362	ug/l	93
5) Bromomethane	1.605	94	106	0.253	ug/l #	2
6) Chloroethane	1.666	64	422	1.104	ug/l #	42
11) Tert butyl alcohol	2.940	59	523	1.967	ug/l #	71
16) Acetone	2.392	43	973	1.667	ug/l	94
20) Methylene Chloride	2.788	84	431	0.401	ug/l #	90
23) Vinyl Acetate	3.770	43	20	6.345	ug/l #	71
31) Cyclohexane	5.550	56	2061	1.367	ug/l #	24
36) 1,1-Dichloropropene	5.544	75	7245	5.180	ug/l #	51
38) Carbon Tetrachloride	5.550	117	9654	5.831	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	967	0.574	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	38600	27.364	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	38600	70.918	ug/l #	8

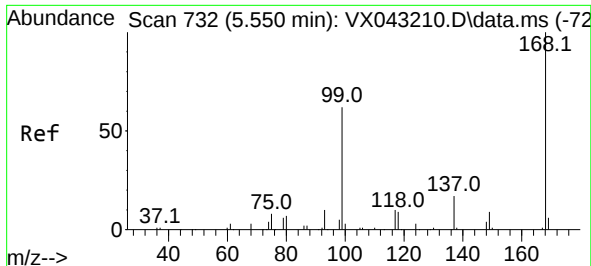
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 04 01:34:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 02 16:50:57 2024
Response via : Initial Calibration

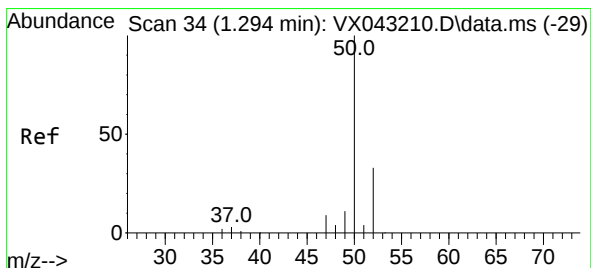
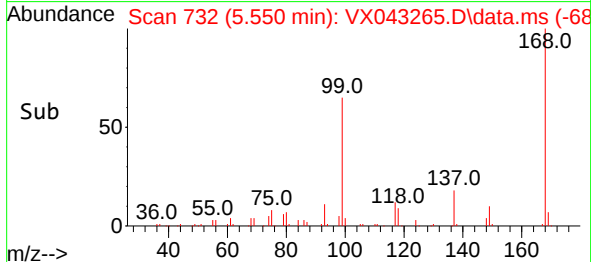
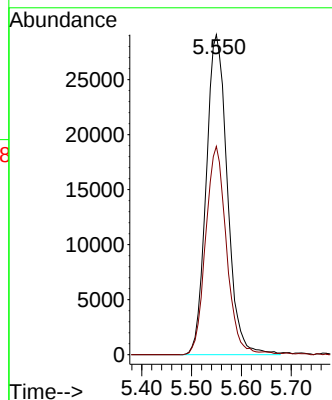
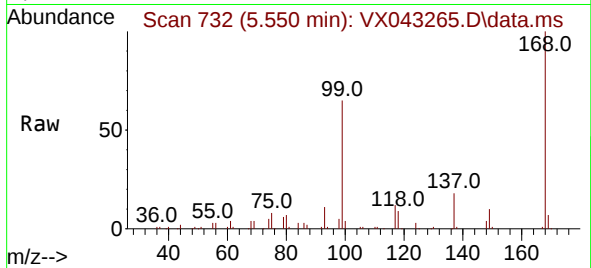




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043265.D
Acq: 03 Oct 2024 16:21

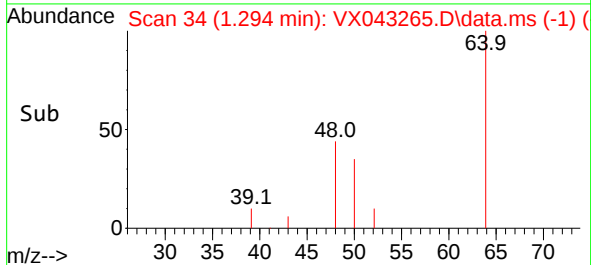
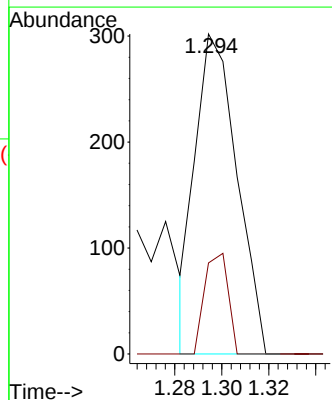
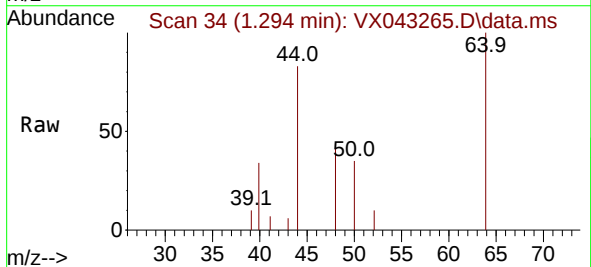
Instrument :
MSVOA_X
ClientSampleId :
TB

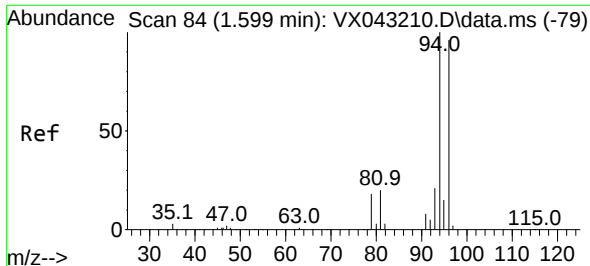
Tgt Ion:168 Resp: 85569
Ion Ratio Lower Upper
168 100
99 65.1 49.7 74.5



#3
Chloromethane
Concen: 0.362 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX043265.D
Acq: 03 Oct 2024 16:21

Tgt Ion: 50 Resp: 371
Ion Ratio Lower Upper
50 100
52 28.5 26.1 39.1

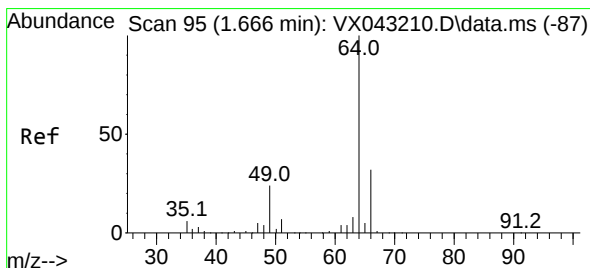
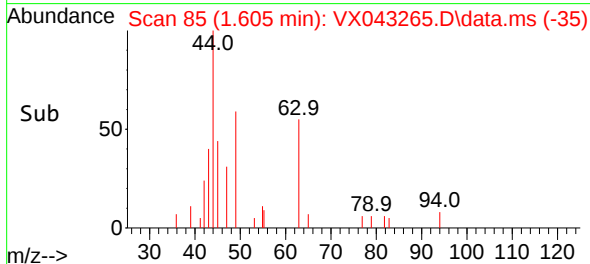
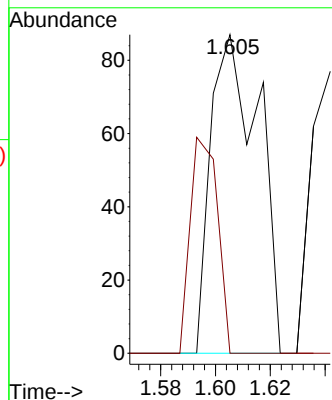
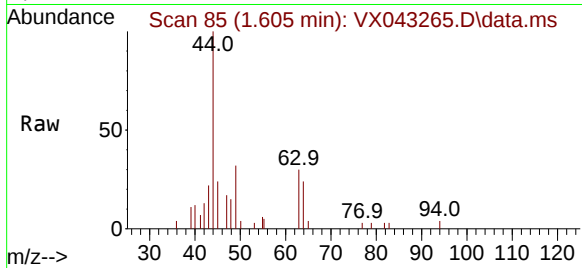




#5
Bromomethane
Concen: 0.253 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX043265.D
Acq: 03 Oct 2024 16:21

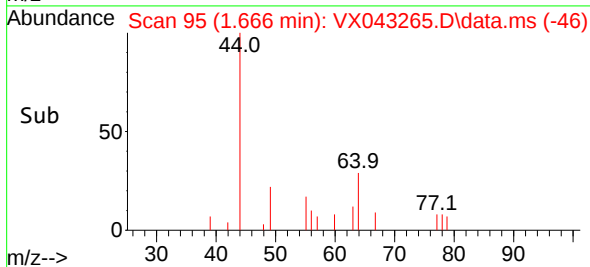
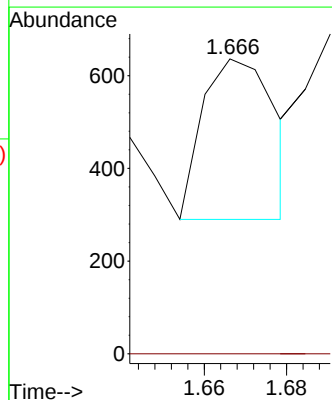
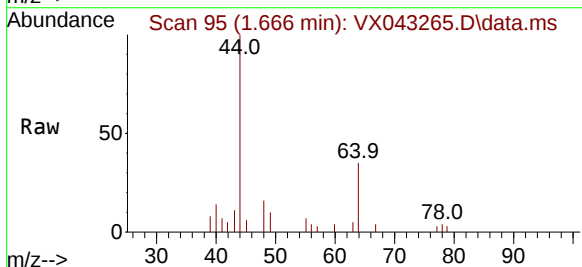
Instrument :
MSVOA_X
ClientSampleId :
TB

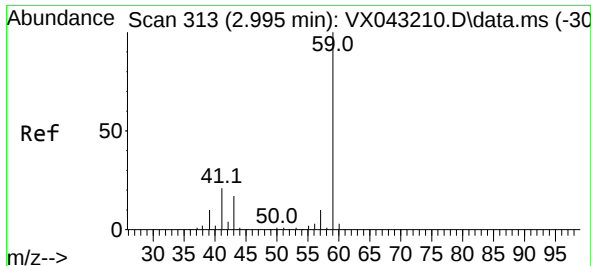
Tgt Ion: 94 Resp: 106
Ion Ratio Lower Upper
94 100
96 0.0 76.6 115.0#



#6
Chloroethane
Concen: 1.104 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX043265.D
Acq: 03 Oct 2024 16:21

Tgt Ion: 64 Resp: 422
Ion Ratio Lower Upper
64 100
66 0.0 25.8 38.8#





#11

Tert butyl alcohol

Concen: 1.967 ug/l

RT: 2.940 min Scan# 30

Delta R.T. -0.055 min

Lab File: VX043265.D

Acq: 03 Oct 2024 16:21

Instrument :

MSVOA_X

ClientSampleId :

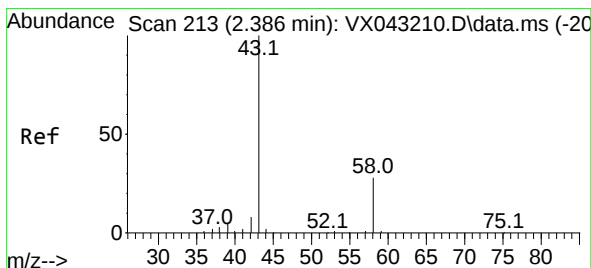
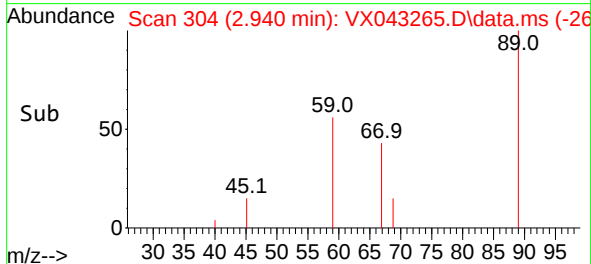
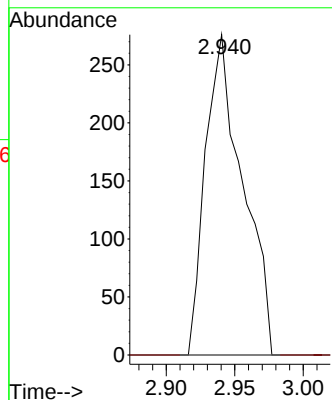
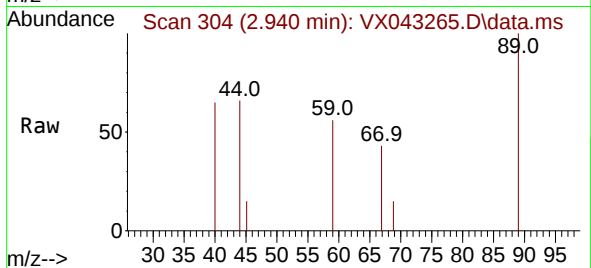
TB

Tgt Ion: 59 Resp: 523

Ion Ratio Lower Upper

59 100

57 0.0 8.6 13.0#



#16

Acetone

Concen: 1.667 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX043265.D

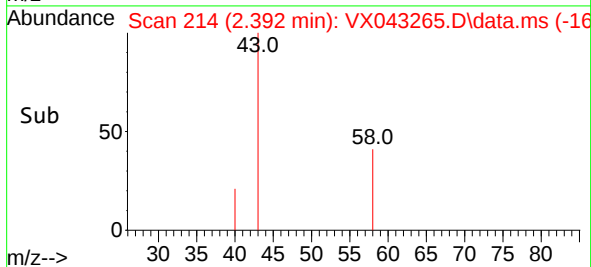
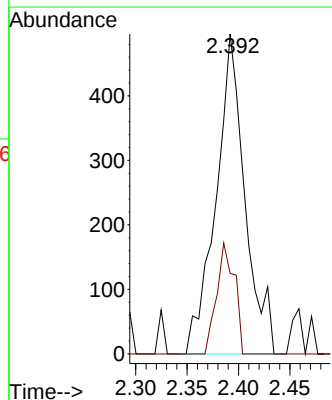
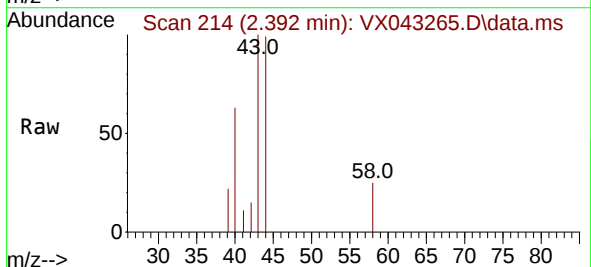
Acq: 03 Oct 2024 16:21

Tgt Ion: 43 Resp: 973

Ion Ratio Lower Upper

43 100

58 25.2 22.6 33.8

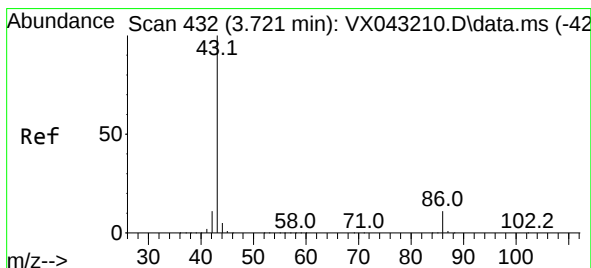
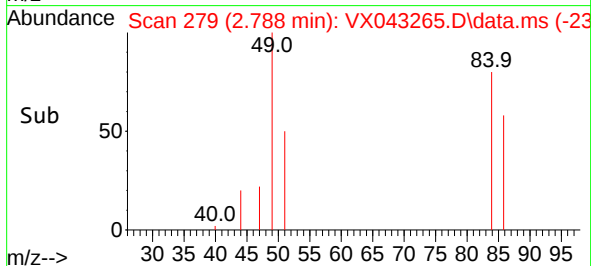
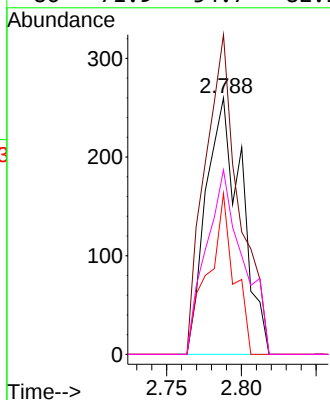
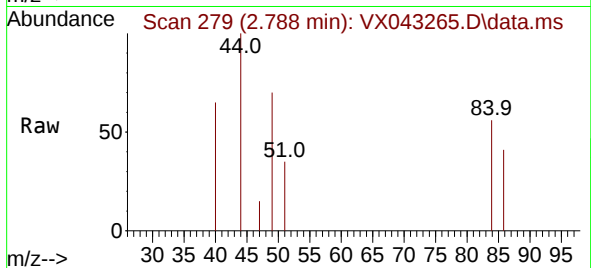




#20
Methylene Chloride
Concen: 0.401 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX043265.D
Acq: 03 Oct 2024 16:21

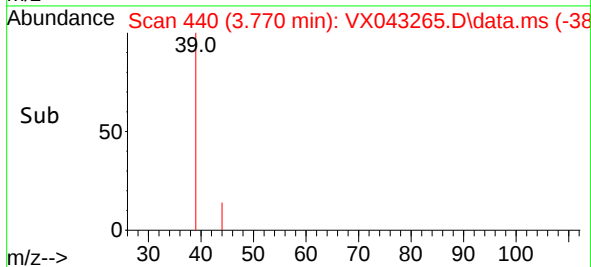
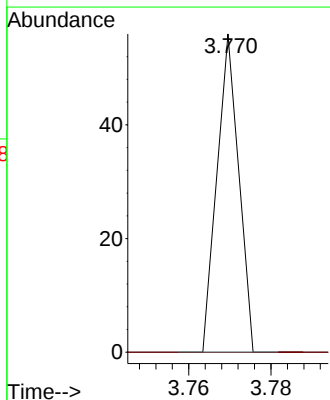
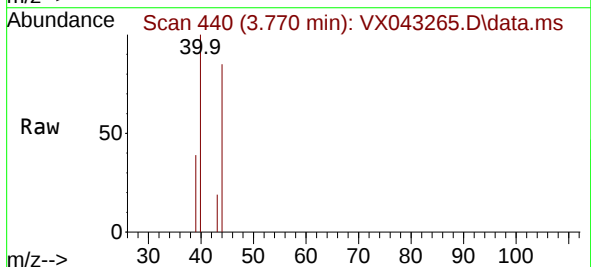
Instrument :
MSVOA_X
ClientSampleId :
TB

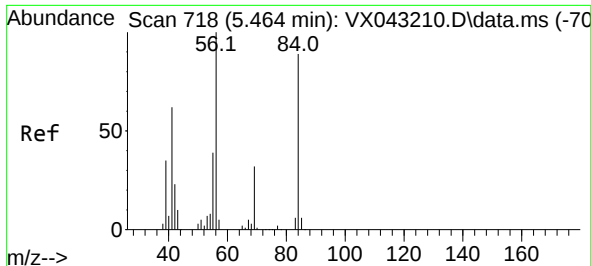
Tgt Ion: 84	Resp: 431
Ion Ratio	Lower Upper
84 100	
49 124.6	96.7 145.1
51 62.7	30.4 45.6#
86 71.9	54.7 82.1



#23
Vinyl Acetate
Concen: 6.345 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.049 min
Lab File: VX043265.D
Acq: 03 Oct 2024 16:21

Tgt Ion: 43	Resp: 20
Ion Ratio	Lower Upper
43 100	
86 0.0	8.8 13.2#

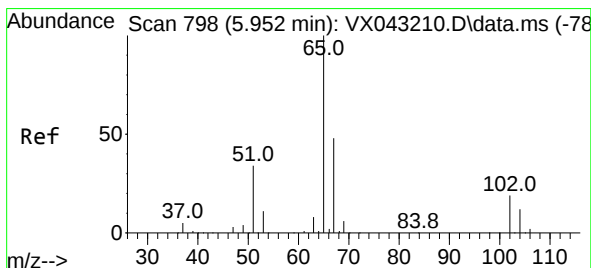
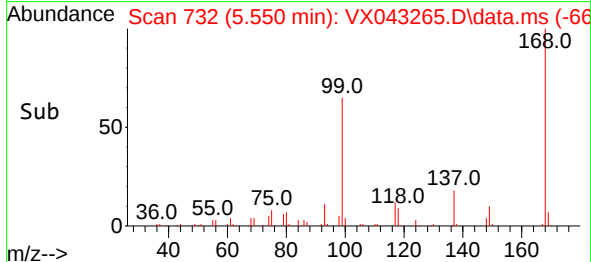
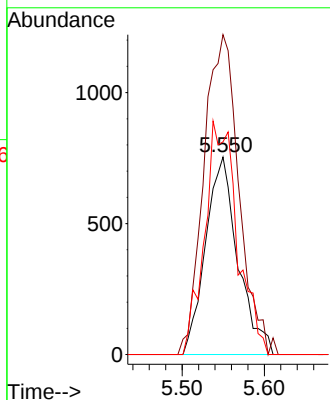
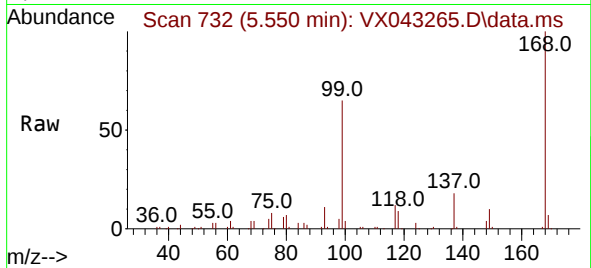




#31
Cyclohexane
Concen: 1.367 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX043265.D
Acq: 03 Oct 2024 16:21

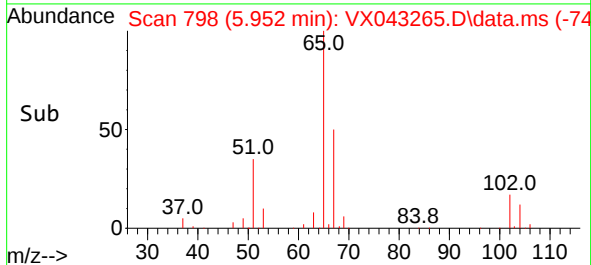
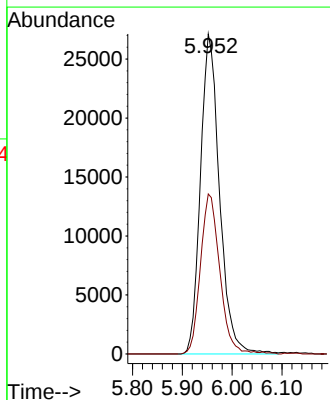
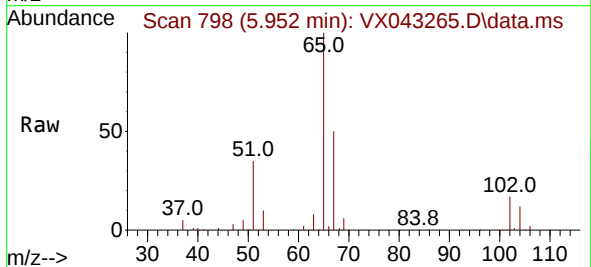
Instrument :
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ClientSampleId :
TB

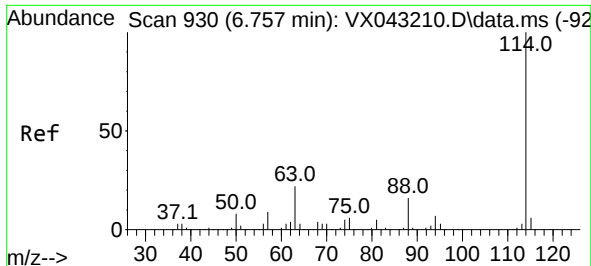
Tgt Ion: 56 Resp: 2061
Ion Ratio Lower Upper
56 100
69 161.9 25.8 38.6#
84 107.7 71.1 106.7#



#33
1,2-Dichloroethane-d4
Concen: 51.575 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX043265.D
Acq: 03 Oct 2024 16:21

Tgt Ion: 65 Resp: 72074
Ion Ratio Lower Upper
65 100
67 50.8 0.0 99.0

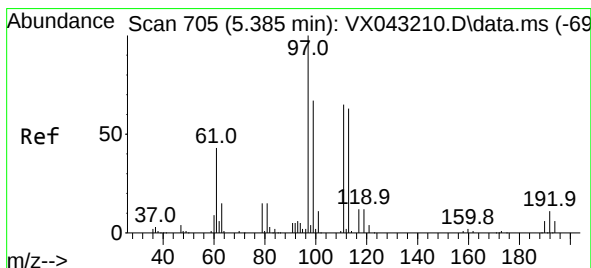
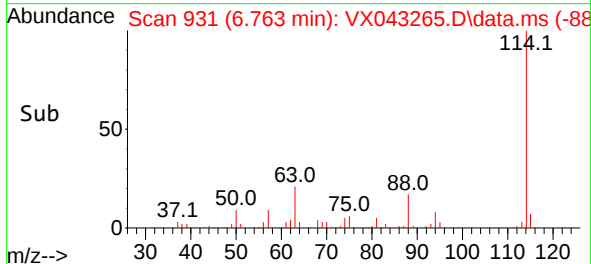
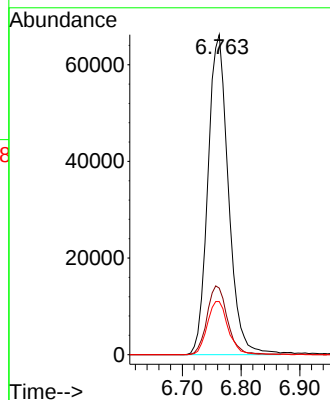
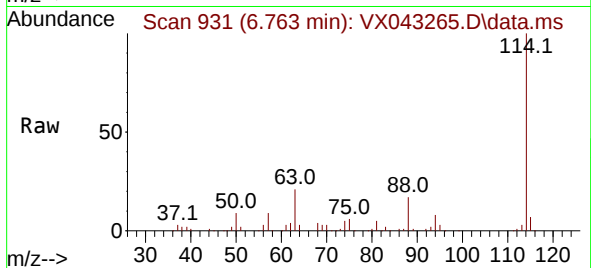




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX043265.D
Acq: 03 Oct 2024 16:21

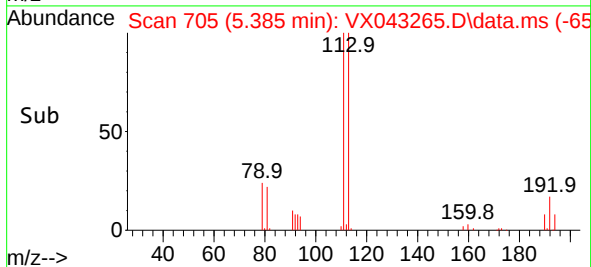
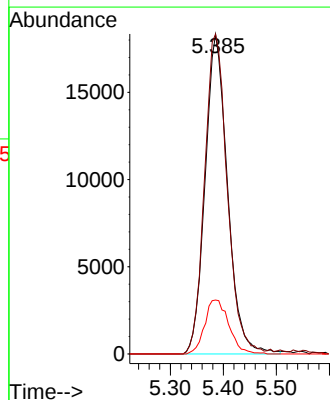
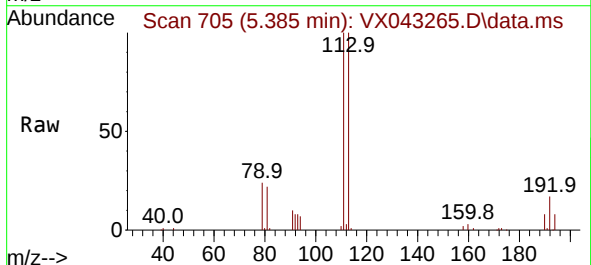
Instrument :
MSVOA_X
ClientSampleId :
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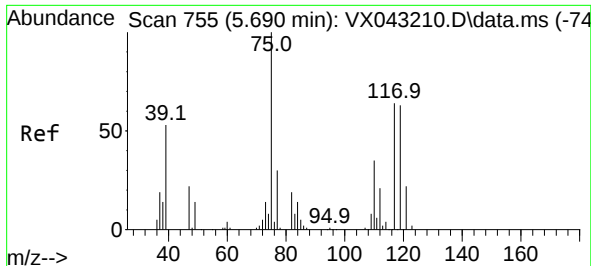
Tgt Ion:114 Resp: 160528
Ion Ratio Lower Upper
114 100
63 20.8 0.0 43.0
88 16.6 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.645 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX043265.D
Acq: 03 Oct 2024 16:21

Tgt Ion:113 Resp: 53853
Ion Ratio Lower Upper
113 100
111 101.2 83.4 125.0
192 18.2 14.1 21.1

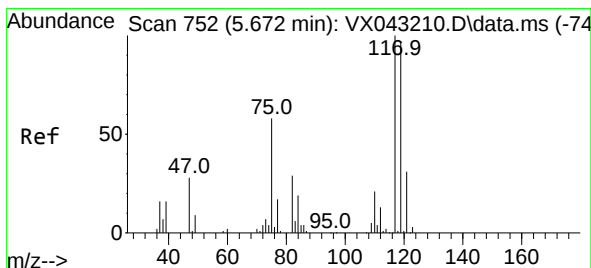
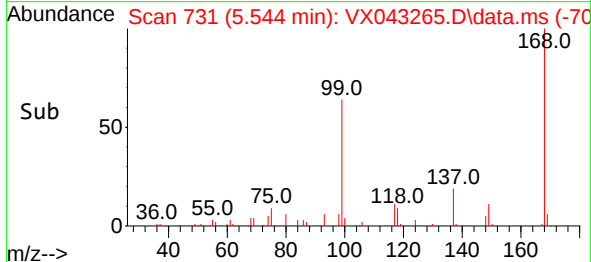
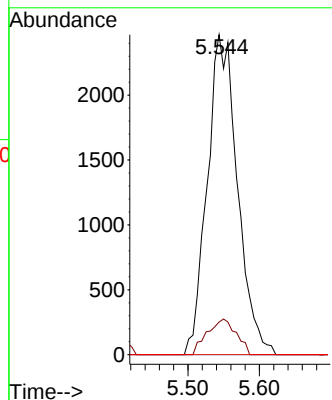
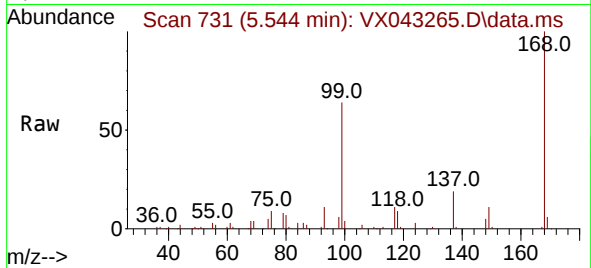




#36
1,1-Dichloropropene
Concen: 5.180 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX043265.D
Acq: 03 Oct 2024 16:21

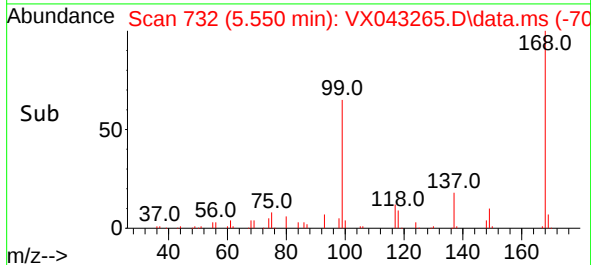
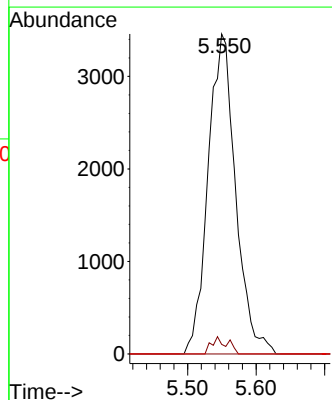
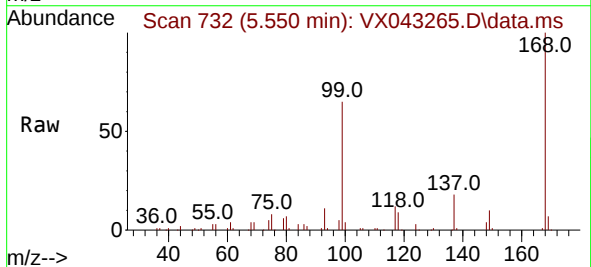
Instrument :
MSVOA_X
ClientSampleId :
TB

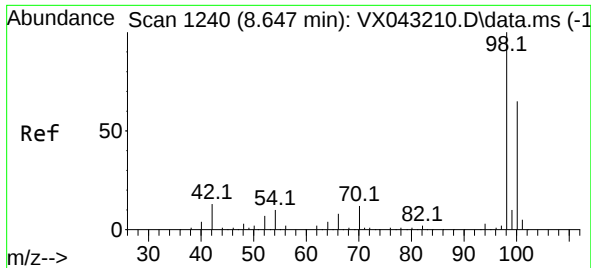
Tgt Ion: 75 Resp: 7245
Ion Ratio Lower Upper
75 100
110 10.6 17.8 53.3#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 5.831 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX043265.D
Acq: 03 Oct 2024 16:21

Tgt Ion: 117 Resp: 9654
Ion Ratio Lower Upper
117 100
119 3.0 77.7 116.5#
121 0.0 24.3 36.5#

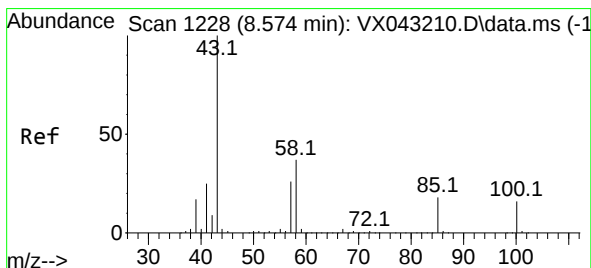
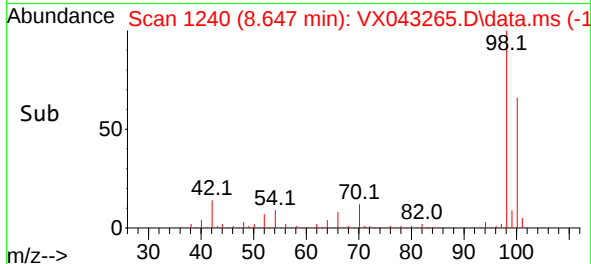
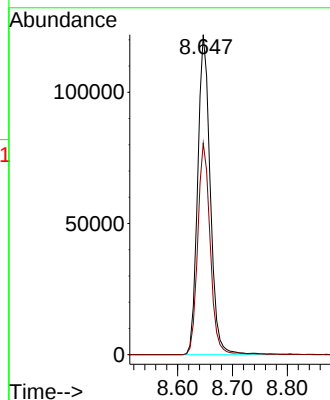
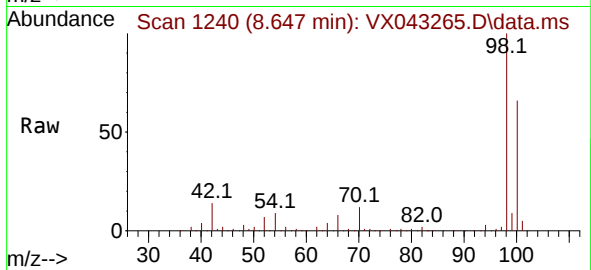




#50
Toluene-d8
Concen: 50.845 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043265.D
Acq: 03 Oct 2024 16:21

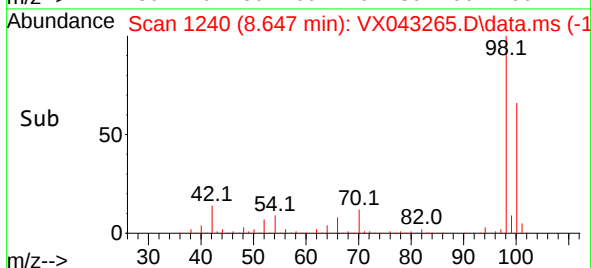
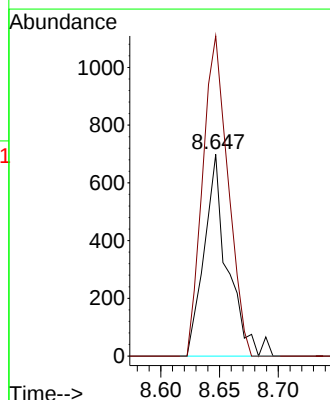
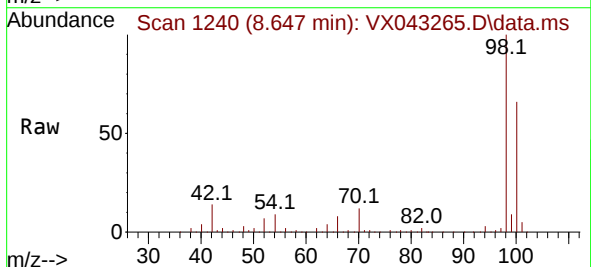
Instrument :
MSVOA_X
ClientSampleId :
TB

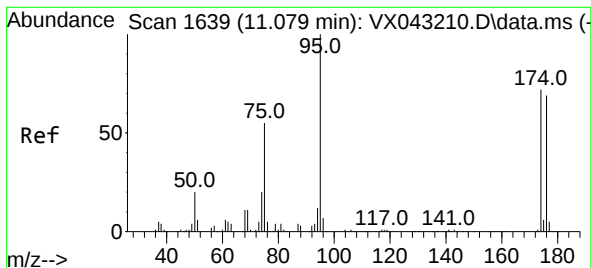
Tgt Ion: 98 Resp: 195065
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 0.574 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX043265.D
Acq: 03 Oct 2024 16:21

Tgt Ion: 43 Resp: 967
Ion Ratio Lower Upper
43 100
58 172.4 30.0 45.0#

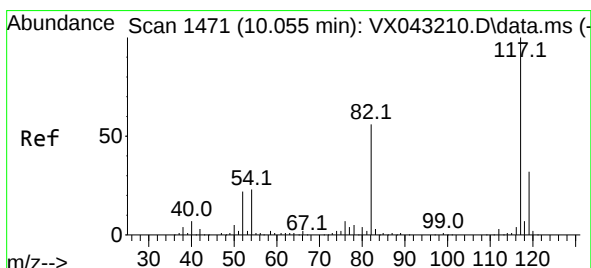
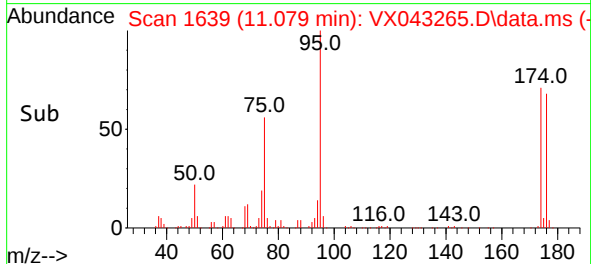
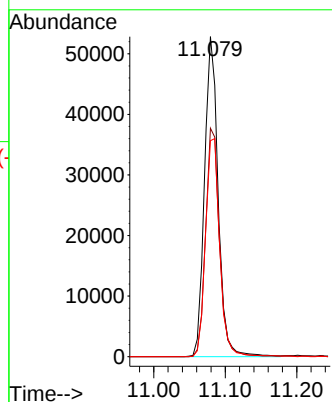
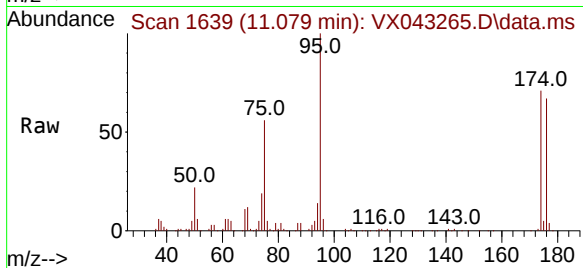




#62
4-Bromofluorobenzene
Concen: 50.366 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043265.D
Acq: 03 Oct 2024 16:21

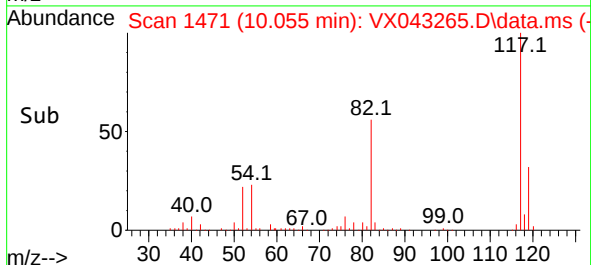
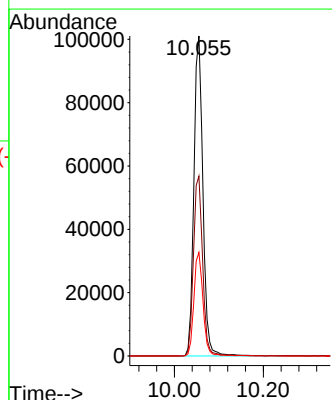
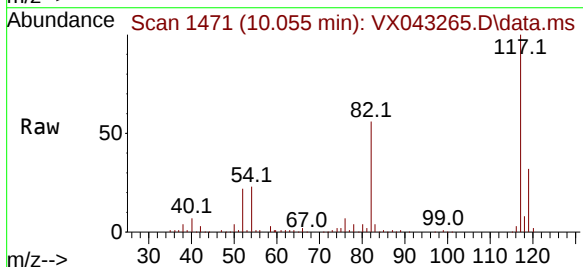
Instrument :
MSVOA_X
ClientSampleId :
TB

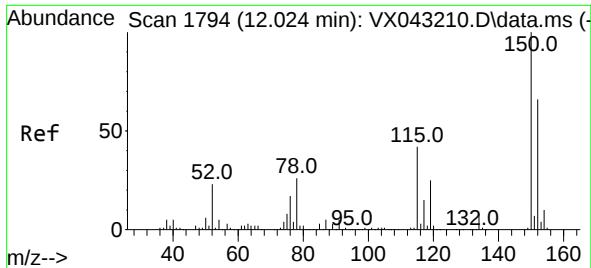
Tgt Ion: 95 Resp: 70199
Ion Ratio Lower Upper
95 100
174 72.5 0.0 145.0
176 71.0 0.0 143.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043265.D
Acq: 03 Oct 2024 16:21

Tgt Ion: 117 Resp: 141983
Ion Ratio Lower Upper
117 100
82 56.2 45.0 67.6
119 32.4 25.3 37.9

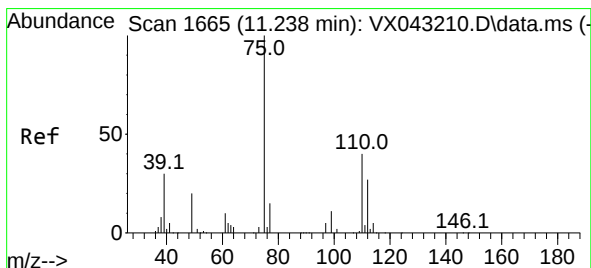
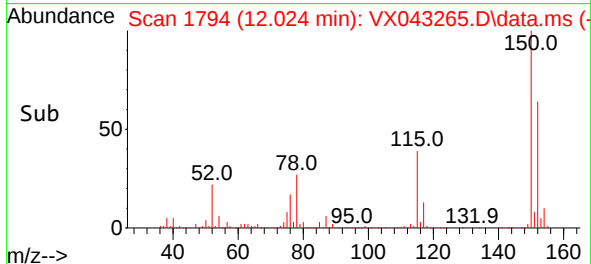
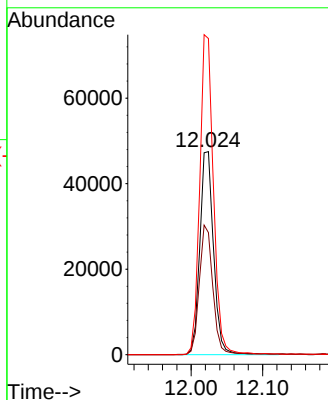
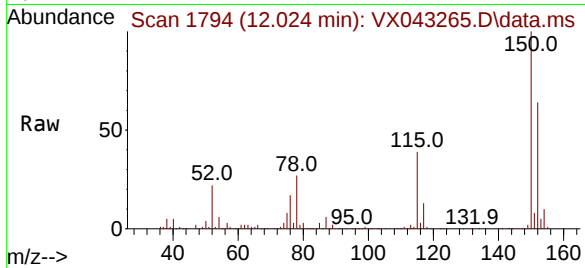




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX043265.D
 Acq: 03 Oct 2024 16:21

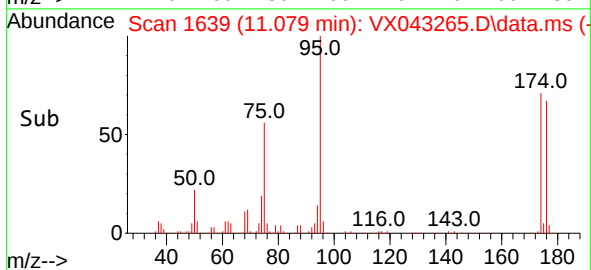
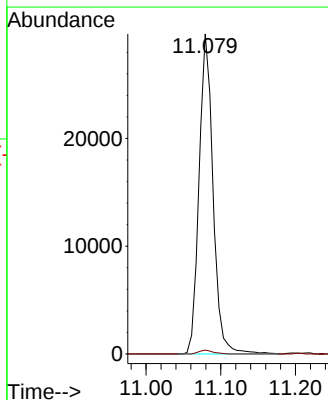
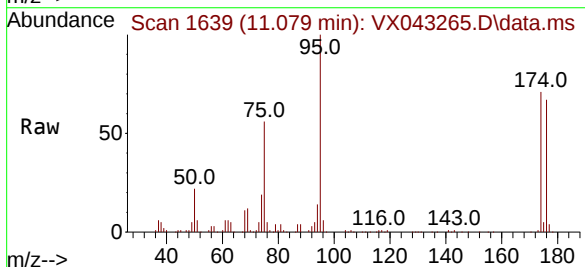
Instrument :
 MSVOA_X
 ClientSampleId :
 TB

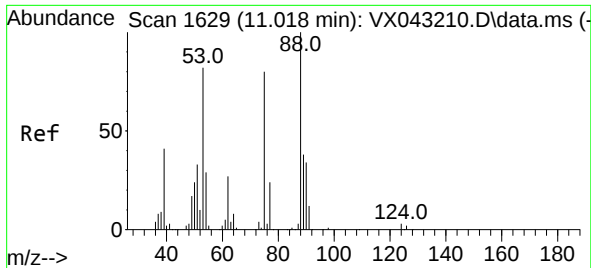
Tgt Ion:152 Resp: 63595
 Ion Ratio Lower Upper
 152 100
 115 62.6 44.1 132.3
 150 156.4 0.0 347.4



#76
 1,2,3-Trichloropropane
 Concen: 27.364 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX043265.D
 Acq: 03 Oct 2024 16:21

Tgt Ion: 75 Resp: 38600
 Ion Ratio Lower Upper
 75 100
 77 1.2 22.0 66.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 70.918 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX043265.D
Acq: 03 Oct 2024 16:21

Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion: 75 Resp: 38600
Ion Ratio Lower Upper
75 100
53 0.0 83.9 125.9#
89 0.0 38.6 58.0#

