

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100324\
 Data File : VX043253.D
 Acq On : 03 Oct 2024 11:44
 Operator : JC/MD
 Sample : P4231-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 04 01:29:18 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)

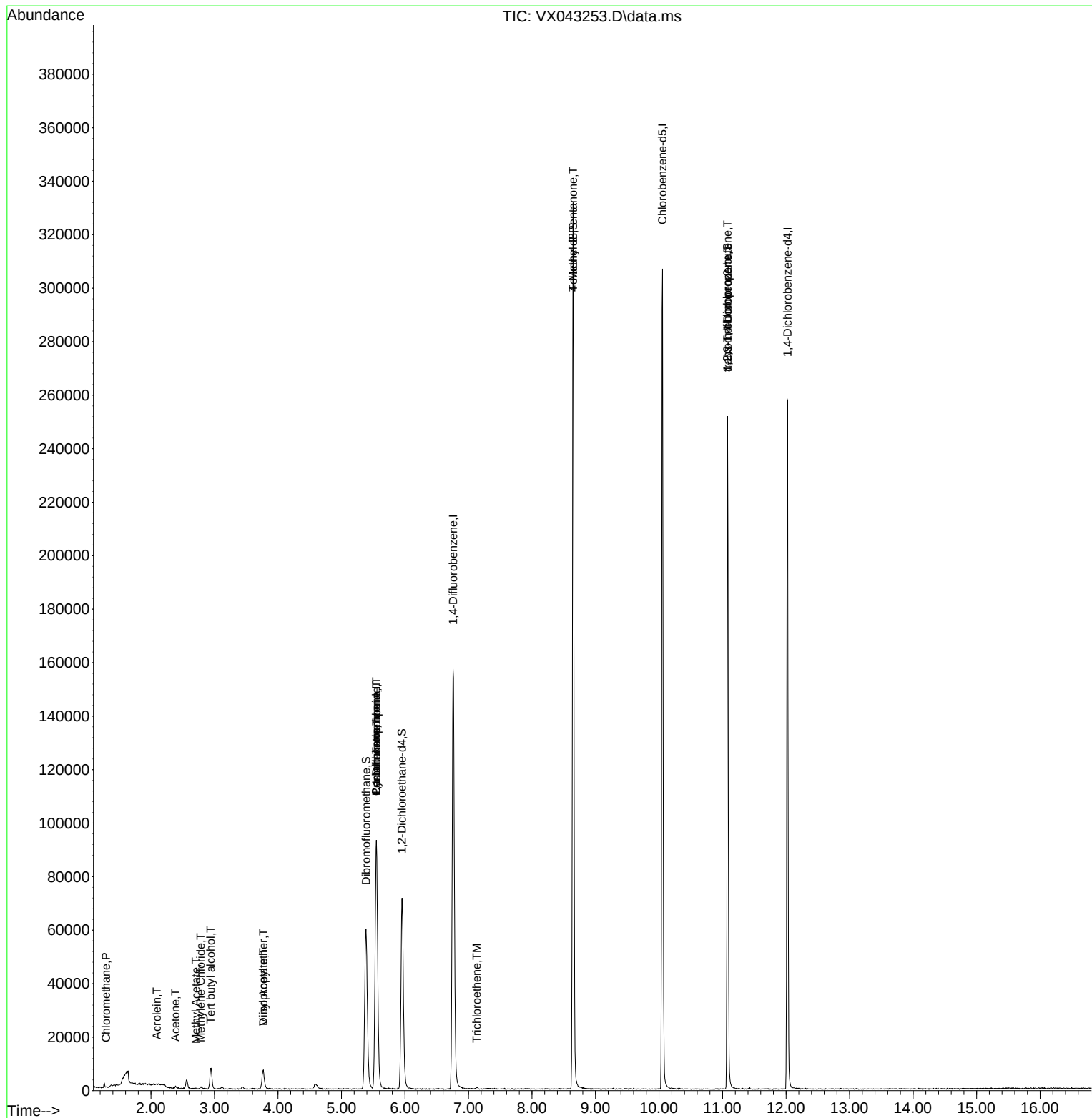
Internal Standards						
1) Pentafluorobenzene	5.550	168	84431	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	161707	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	138637	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54476	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	71211	51.644	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.280%	
35) Dibromofluoromethane	5.385	113	53045	47.566	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.140%	
50) Toluene-d8	8.647	98	193378	50.037	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.080%	
62) 4-Bromofluorobenzene	11.079	95	65267	46.486	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 92.980%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	226	0.223	ug/l #	42
11) Tert butyl alcohol	2.940	59	4651	17.725	ug/l #	71
13) Acrolein	2.093	56	68	0.274	ug/l #	66
16) Acetone	2.386	43	831	1.443	ug/l	90
18) Methyl Acetate	2.709	43	294	0.204	ug/l #	65
20) Methylene Chloride	2.782	84	343	0.323	ug/l	86
22) Diisopropyl ether	3.770	45	7484	2.414	ug/l #	71
23) Vinyl Acetate	3.770	43	4232	7.562	ug/l #	71
31) Cyclohexane	5.550	56	2139	1.438	ug/l #	38
36) 1,1-Dichloropropene	5.550	75	7252	5.147	ug/l #	46
38) Carbon Tetrachloride	5.550	117	9203	5.518	ug/l #	16
44) Trichloroethene	7.129	130	262	0.231	ug/l	90
51) 4-Methyl-2-Pentanone	8.647	43	998	0.588	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	36413	30.135	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	36413	78.099	ug/l #	8

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

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QLast Update : Wed Oct 02 16:50:57 2024
Response via : Initial Calibration

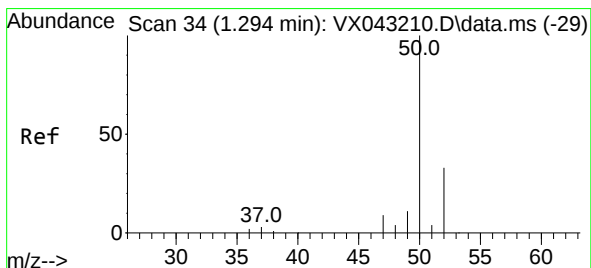
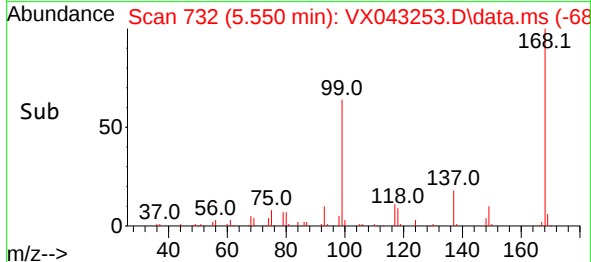
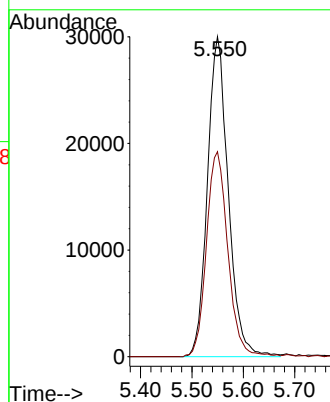
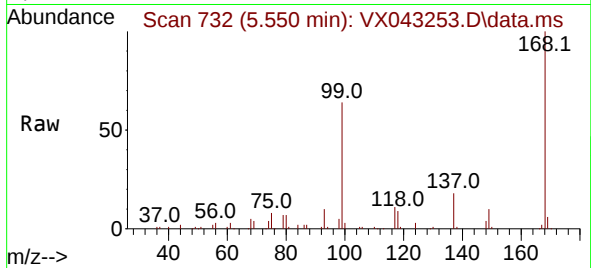




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043253.D
Acq: 03 Oct 2024 11:44

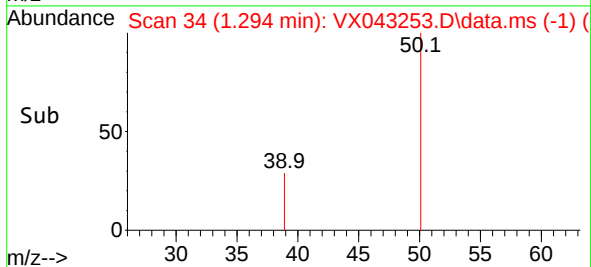
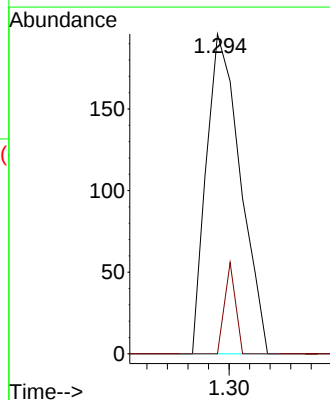
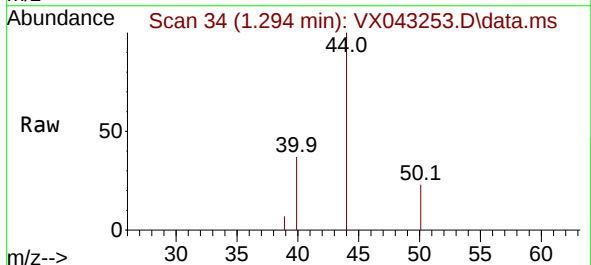
Instrument :
MSVOA_X
ClientSampleId :

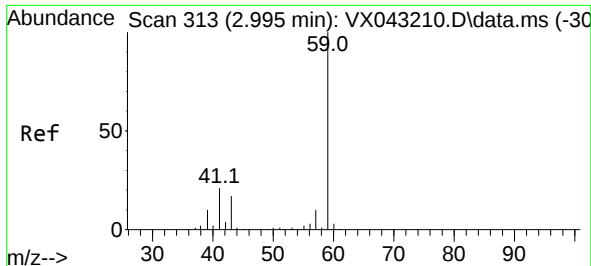
Tgt Ion:168 Resp: 84431
Ion Ratio Lower Upper
168 100
99 64.0 49.7 74.5



#3
Chloromethane
Concen: 0.223 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX043253.D
Acq: 03 Oct 2024 11:44

Tgt Ion: 50 Resp: 226
Ion Ratio Lower Upper
50 100
52 0.0 26.1 39.1#

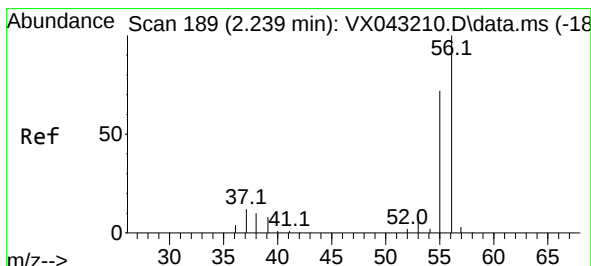
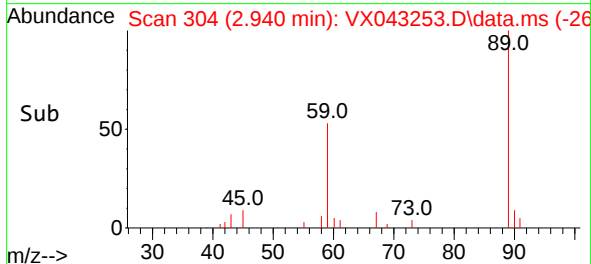
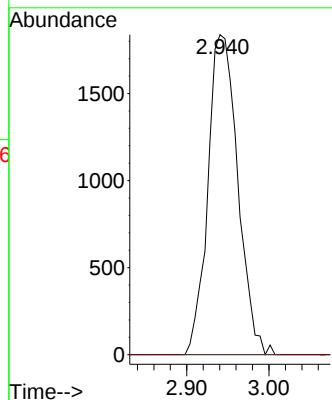
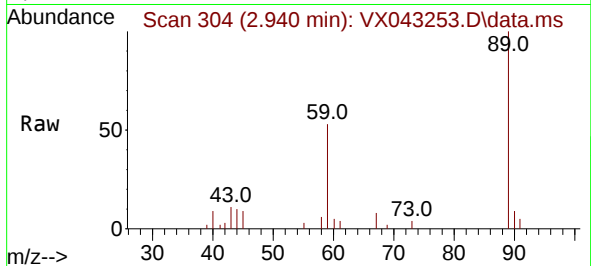




#11
Tert butyl alcohol
Concen: 17.725 ug/l
RT: 2.940 min Scan# 30
Delta R.T. -0.055 min
Lab File: VX043253.D
Acq: 03 Oct 2024 11:44

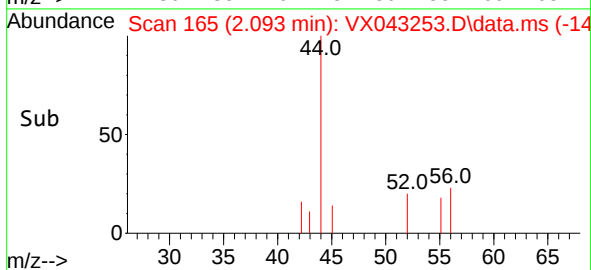
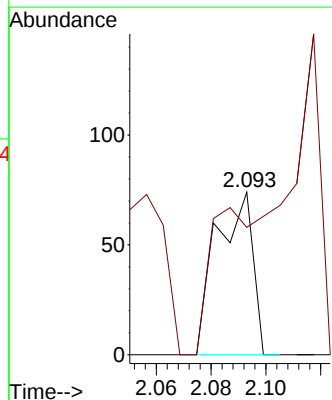
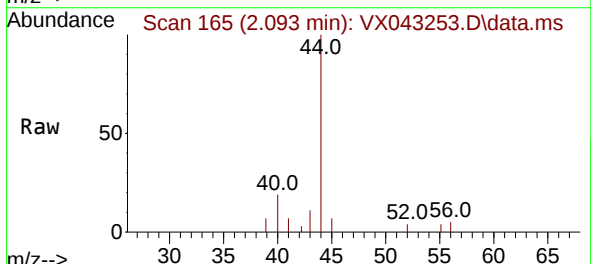
Instrument :
MSVOA_X
ClientSampleId :

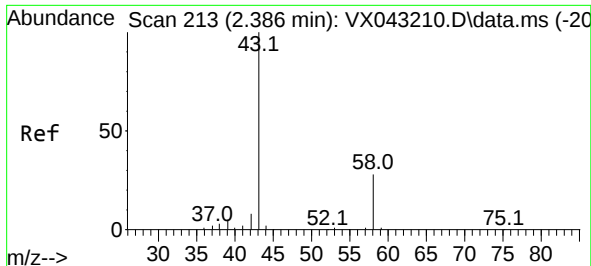
Tgt Ion: 59 Resp: 4651
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#



#13
Acrolein
Concen: 0.274 ug/l
RT: 2.093 min Scan# 165
Delta R.T. -0.146 min
Lab File: VX043253.D
Acq: 03 Oct 2024 11:44

Tgt Ion: 56 Resp: 68
Ion Ratio Lower Upper
56 100
55 100.0 57.4 86.0#

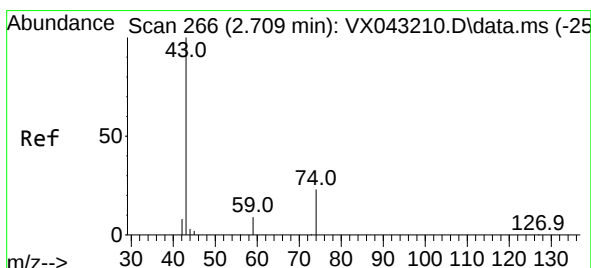
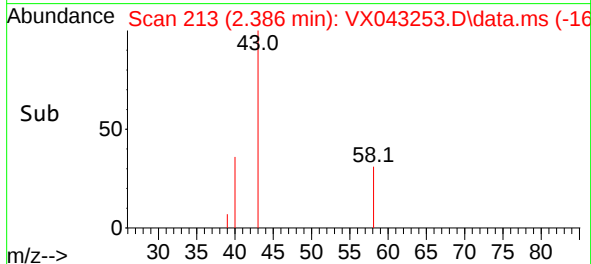
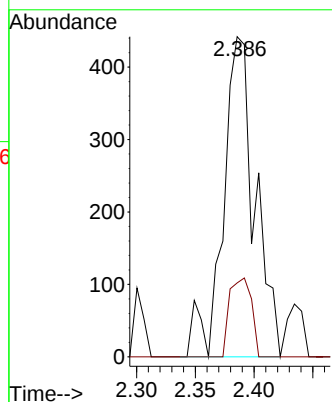
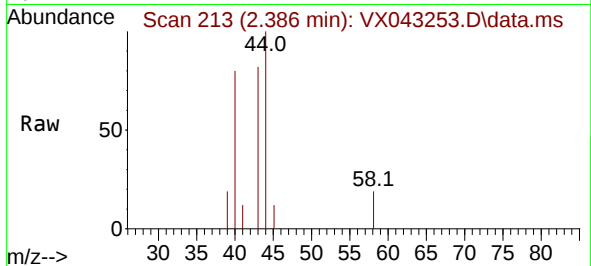




#16
Acetone
Concen: 1.443 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX043253.D
Acq: 03 Oct 2024 11:44

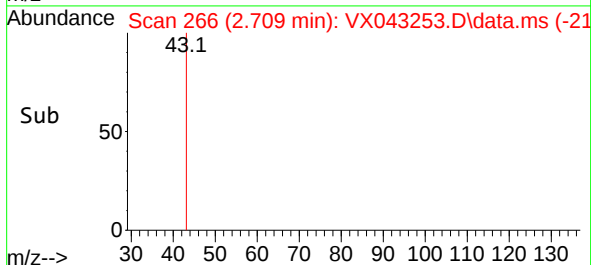
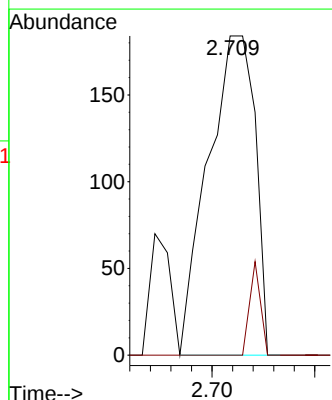
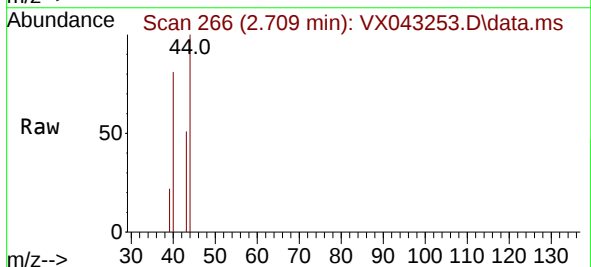
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 831
Ion Ratio Lower Upper
43 100
58 23.1 22.6 33.8



#18
Methyl Acetate
Concen: 0.204 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX043253.D
Acq: 03 Oct 2024 11:44

Tgt Ion: 43 Resp: 294
Ion Ratio Lower Upper
43 100
74 6.8 19.1 28.7#





#20

Methylene Chloride

Concen: 0.323 ug/l

RT: 2.782 min Scan# 21

Delta R.T. -0.006 min

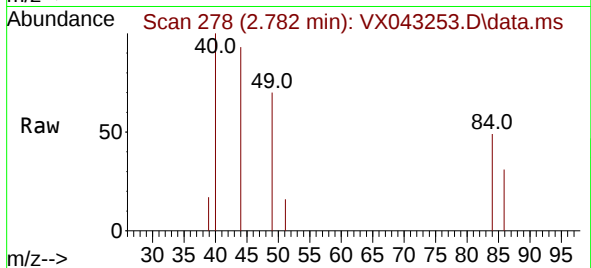
Lab File: VX043253.D

Acq: 03 Oct 2024 11:44

Instrument :

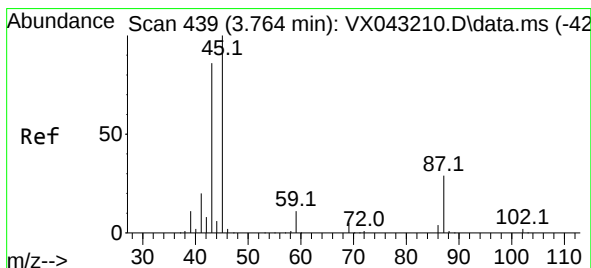
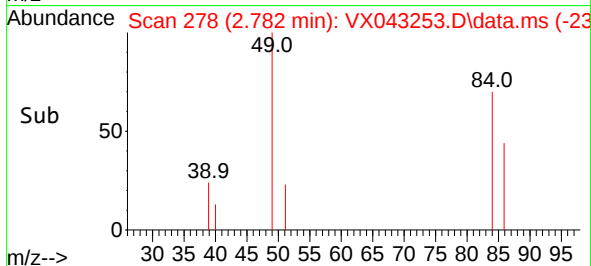
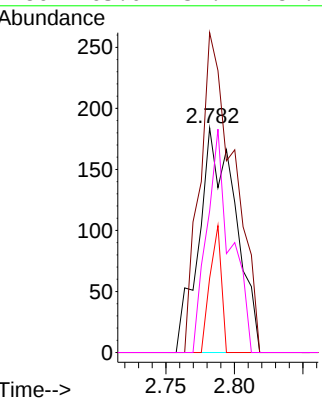
MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 343

Ion	Ratio	Lower	Upper
84	100		
49	142.4	96.7	145.1
51	33.2	30.4	45.6
86	63.0	54.7	82.1



#22

Diisopropyl ether

Concen: 2.414 ug/l

RT: 3.770 min Scan# 440

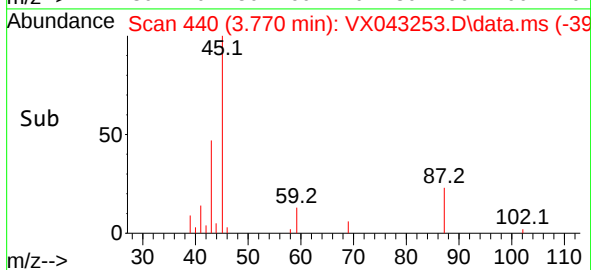
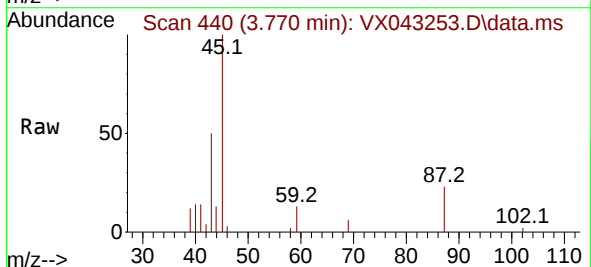
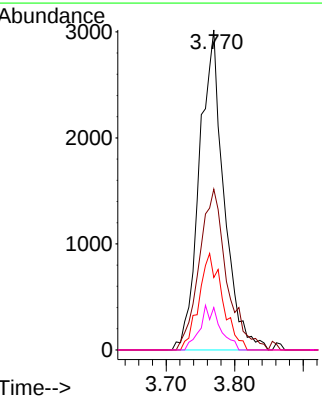
Delta R.T. 0.006 min

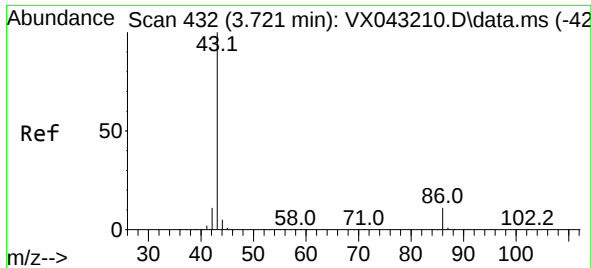
Lab File: VX043253.D

Acq: 03 Oct 2024 11:44

Tgt Ion: 45 Resp: 7484

Ion	Ratio	Lower	Upper
45	100		
43	50.3	68.5	102.7#
87	22.6	23.0	34.4#
59	13.2	8.8	13.2#

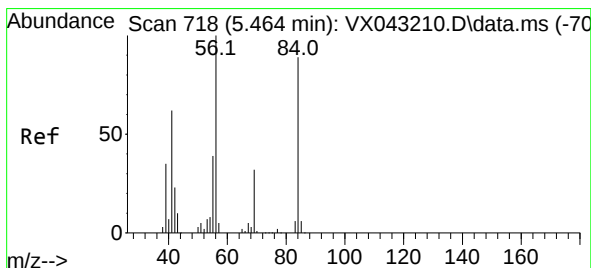
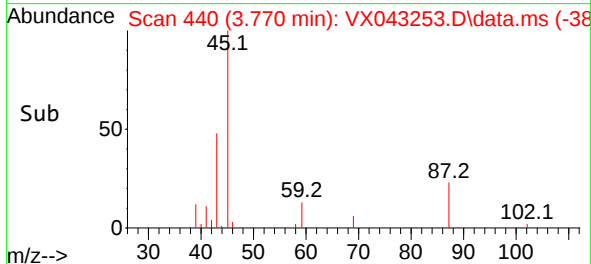
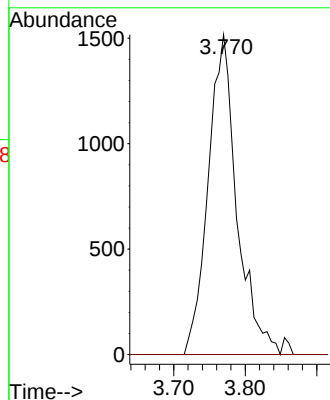
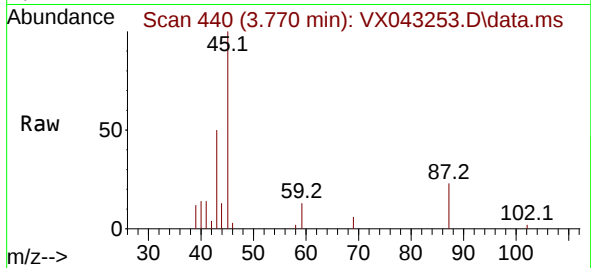




#23
 Vinyl Acetate
 Concen: 7.562 ug/l
 RT: 3.770 min Scan# 44
 Delta R.T. 0.049 min
 Lab File: VX043253.D
 Acq: 03 Oct 2024 11:44

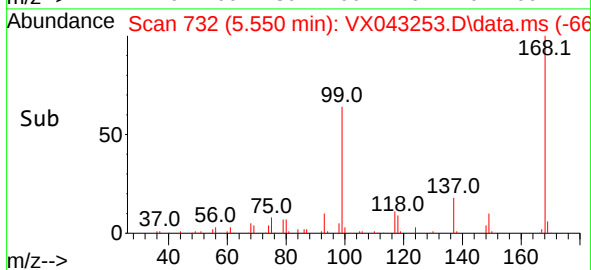
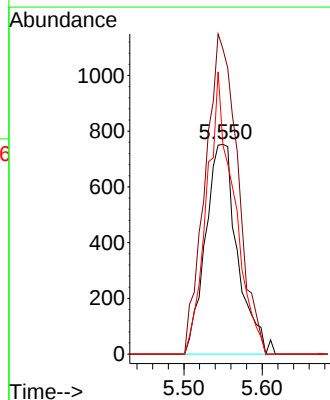
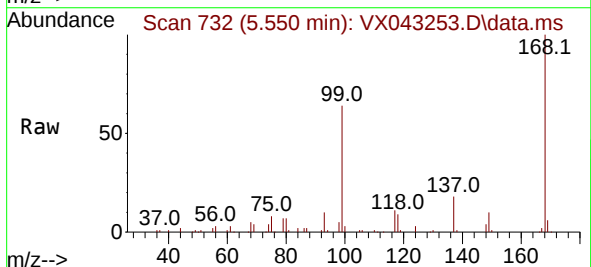
Instrument :
 MSVOA_X
 ClientSampleId :

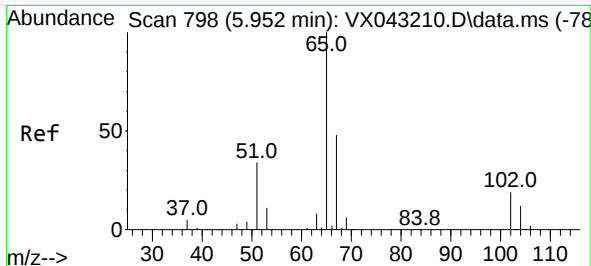
Tgt Ion: 43 Resp: 4232
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.8 13.2#



#31
 Cyclohexane
 Concen: 1.438 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. 0.085 min
 Lab File: VX043253.D
 Acq: 03 Oct 2024 11:44

Tgt Ion: 56 Resp: 2139
 Ion Ratio Lower Upper
 56 100
 69 145.4 25.8 38.6#
 84 99.6 71.1 106.7

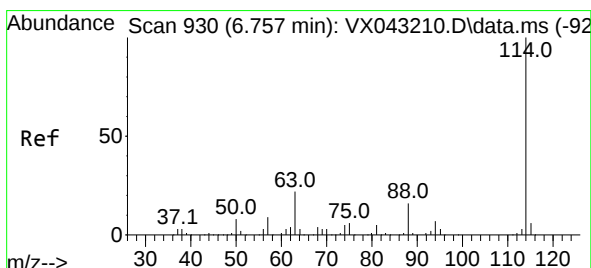
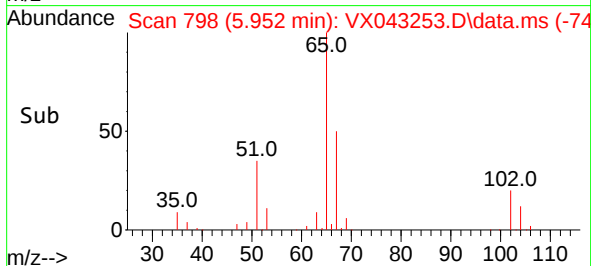
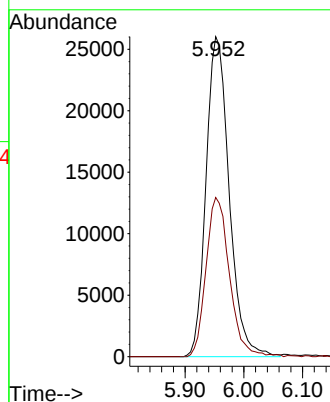
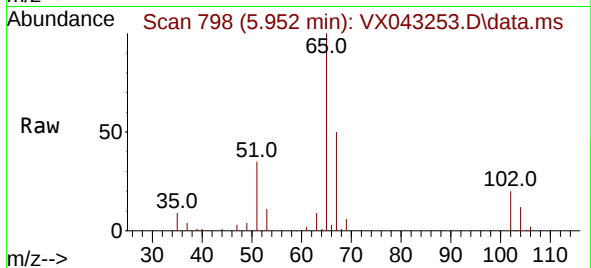




#33
 1,2-Dichloroethane-d4
 Concen: 51.644 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX043253.D
 Acq: 03 Oct 2024 11:44

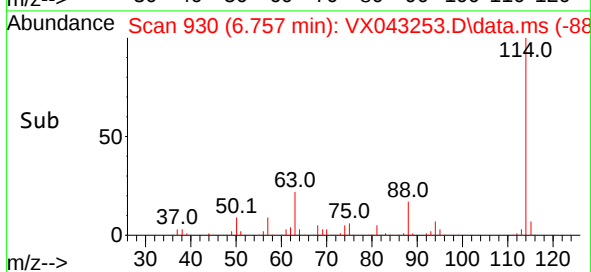
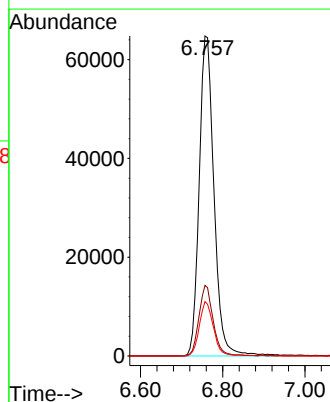
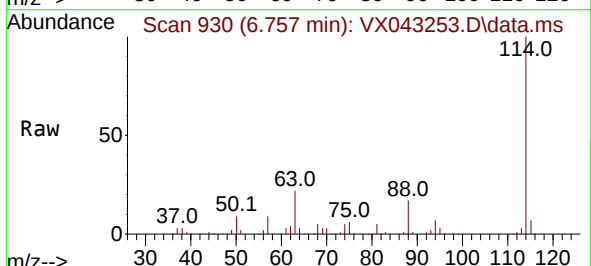
Instrument :
 MSVOA_X
 ClientSampleId :

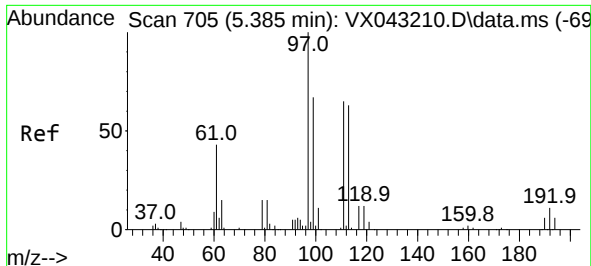
Tgt Ion: 65 Resp: 71211
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX043253.D
 Acq: 03 Oct 2024 11:44

Tgt Ion: 114 Resp: 161707
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 43.0
 88 17.0 0.0 33.0





#35

Dibromofluoromethane

Concen: 47.566 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

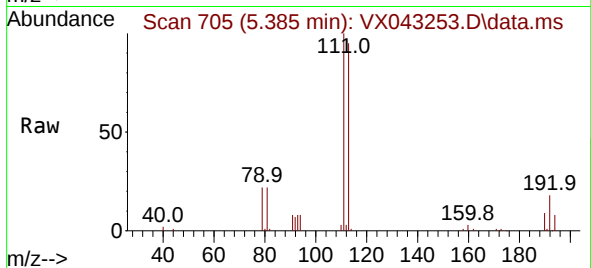
Lab File: VX043253.D

Acq: 03 Oct 2024 11:44

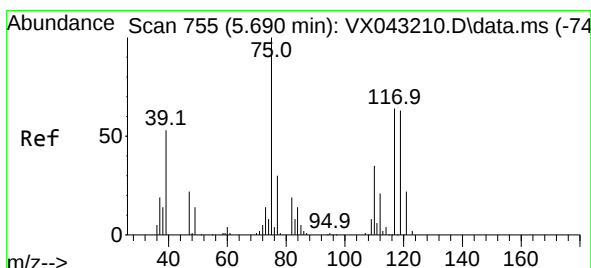
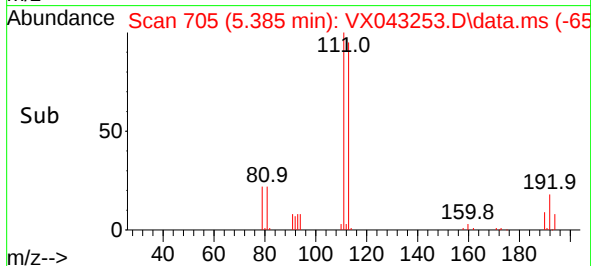
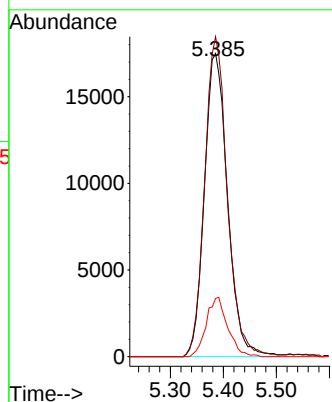
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	113	Resp:	53045
Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.4	125.0
192	18.1	14.1	21.1



#36

1,1-Dichloropropene

Concen: 5.147 ug/l

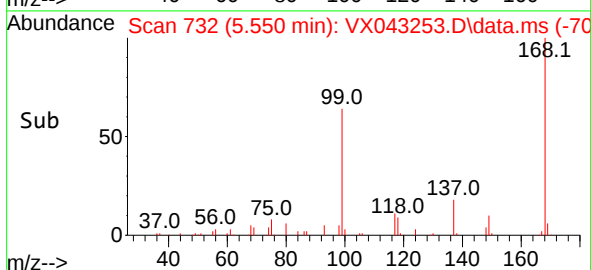
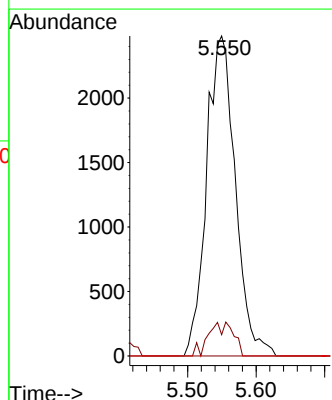
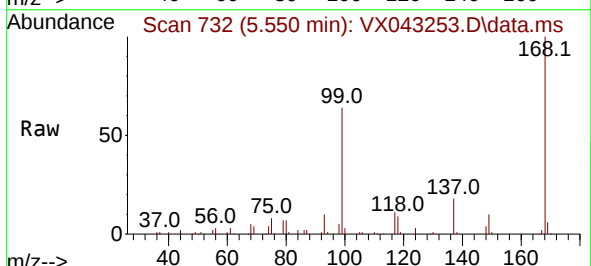
RT: 5.550 min Scan# 732

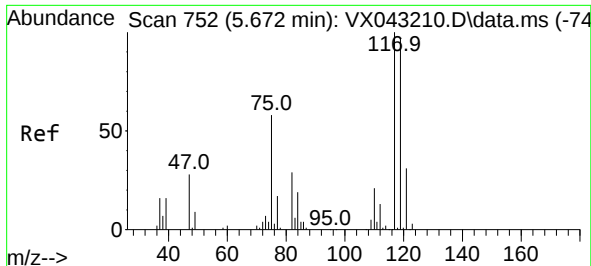
Delta R.T. -0.140 min

Lab File: VX043253.D

Acq: 03 Oct 2024 11:44

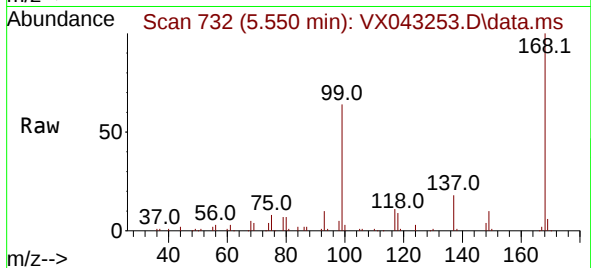
Tgt Ion:	75	Resp:	7252
Ion	Ratio	Lower	Upper
75	100		
110	5.3	17.8	53.3#
77	0.0	24.9	37.3#



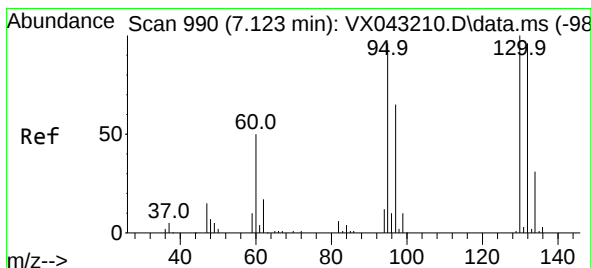
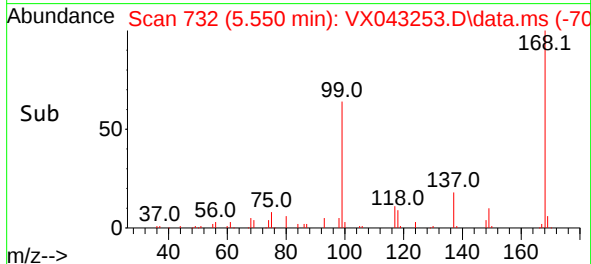
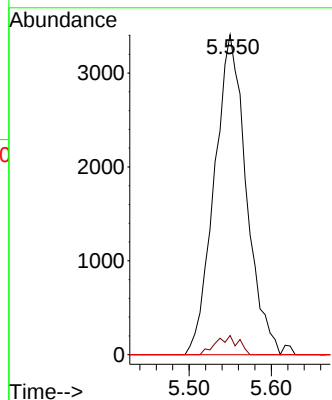


#38
Carbon Tetrachloride
Concen: 5.518 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX043253.D
Acq: 03 Oct 2024 11:44

Instrument :
MSVOA_X
ClientSampleId :

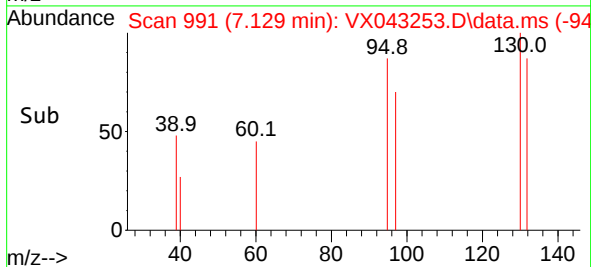
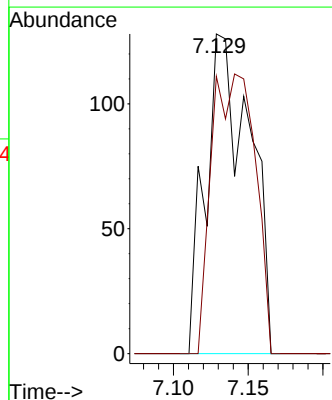
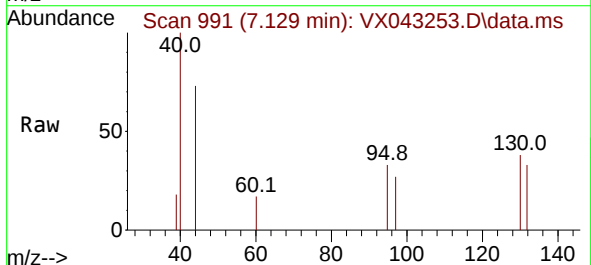


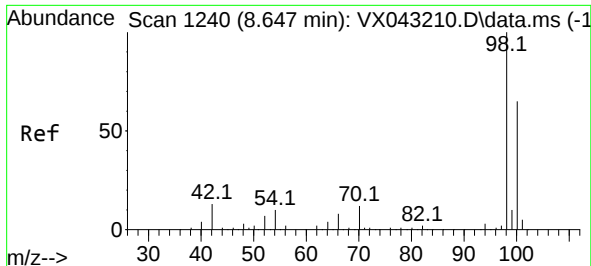
Tgt Ion:117 Resp: 9203
Ion Ratio Lower Upper
117 100
119 6.0 77.7 116.5#
121 0.0 24.3 36.5#



#44
Trichloroethene
Concen: 0.231 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX043253.D
Acq: 03 Oct 2024 11:44

Tgt Ion:130 Resp: 262
Ion Ratio Lower Upper
130 100
95 86.7 0.0 192.2

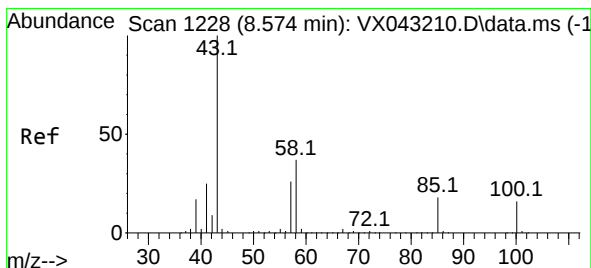
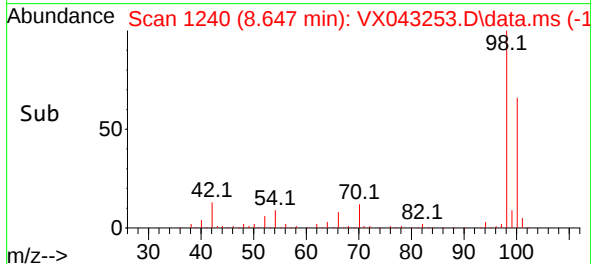
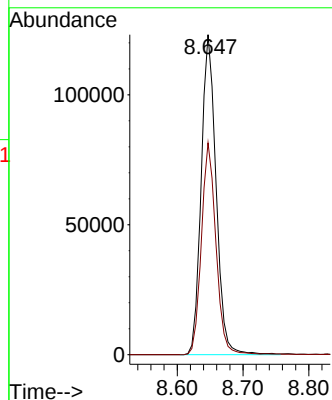
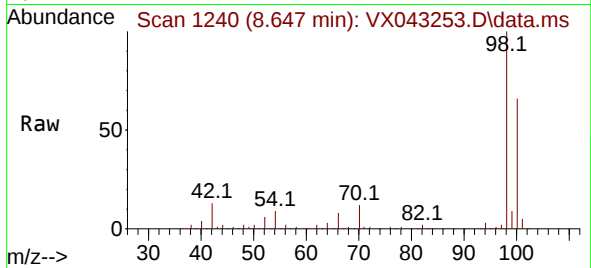




#50
Toluene-d8
Concen: 50.037 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043253.D
Acq: 03 Oct 2024 11:44

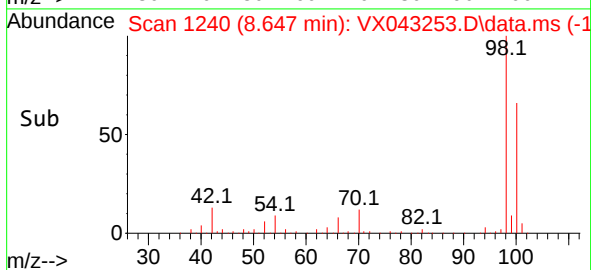
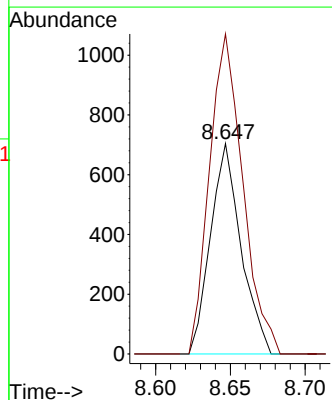
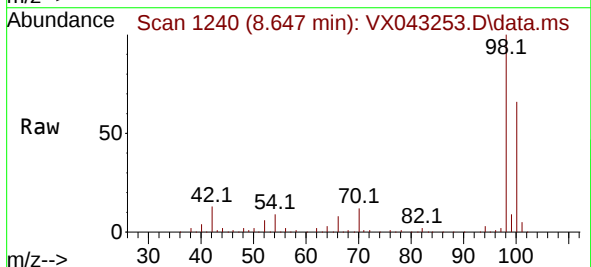
Instrument :
MSVOA_X
ClientSampleId :

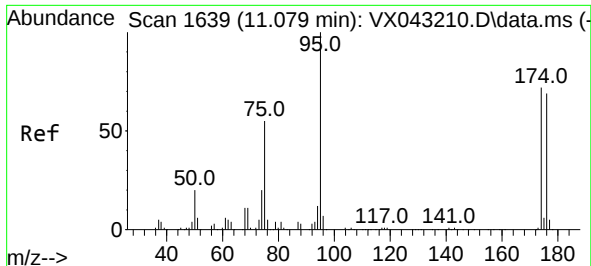
Tgt Ion: 98 Resp: 193378
Ion Ratio Lower Upper
98 100
100 65.1 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 0.588 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX043253.D
Acq: 03 Oct 2024 11:44

Tgt Ion: 43 Resp: 998
Ion Ratio Lower Upper
43 100
58 166.3 30.0 45.0#

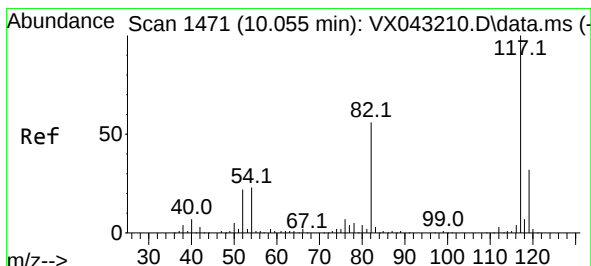
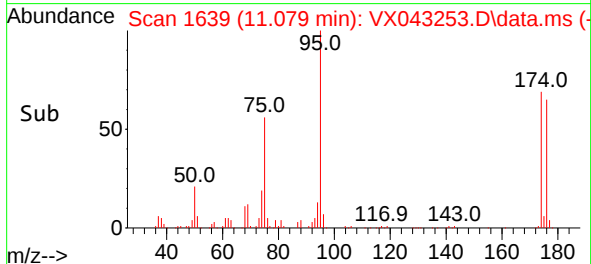
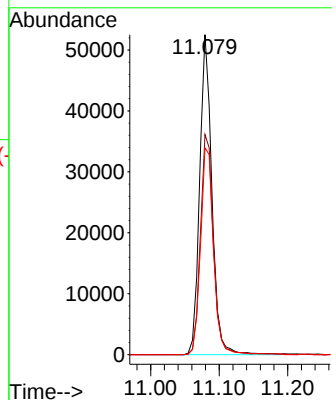
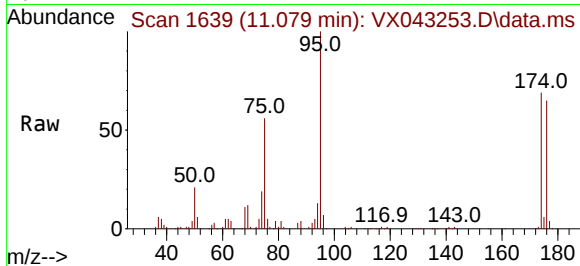




#62
4-Bromofluorobenzene
Concen: 46.486 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043253.D
Acq: 03 Oct 2024 11:44

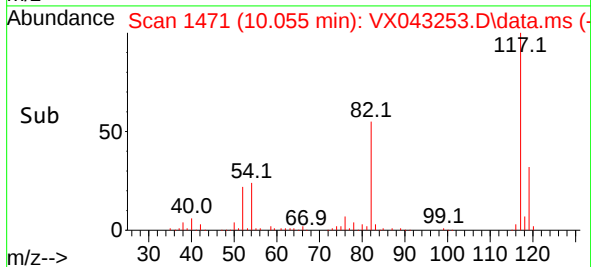
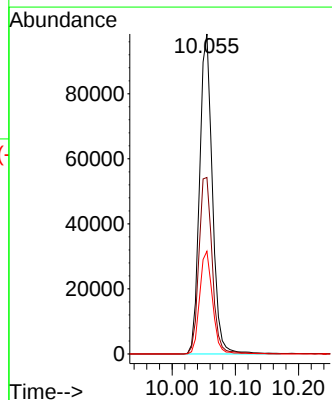
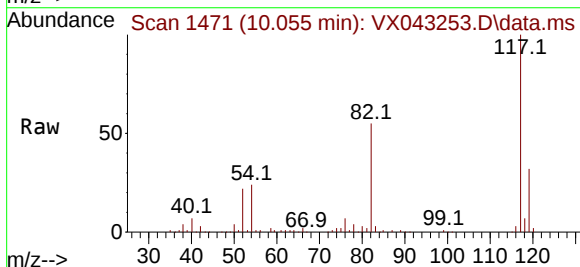
Instrument :
MSVOA_X
ClientSampleId :

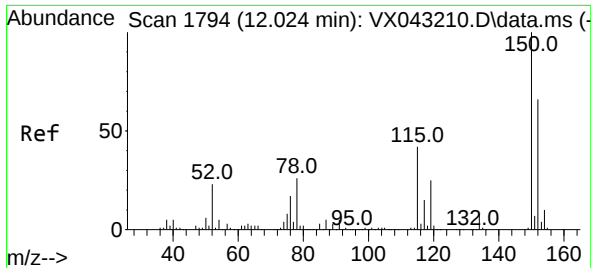
Tgt Ion: 95 Resp: 65267
Ion Ratio Lower Upper
95 100
174 73.0 0.0 145.0
176 68.9 0.0 143.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043253.D
Acq: 03 Oct 2024 11:44

Tgt Ion: 117 Resp: 138637
Ion Ratio Lower Upper
117 100
82 55.2 45.0 67.6
119 32.1 25.3 37.9

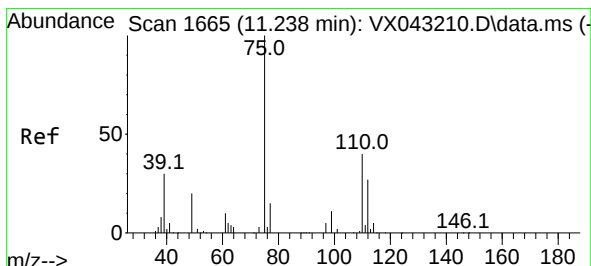
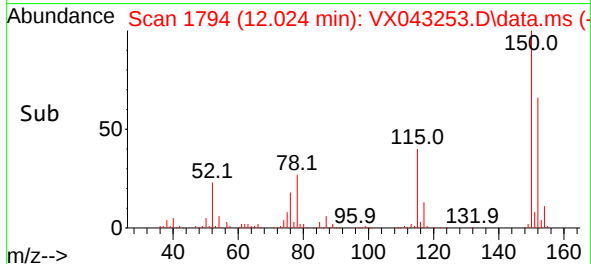
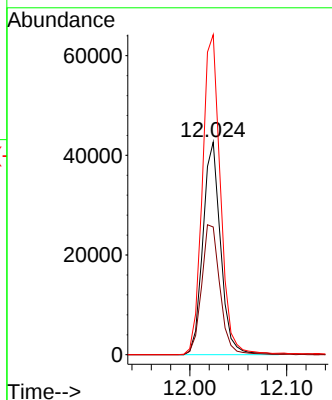
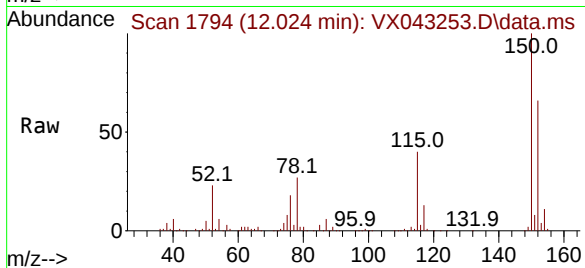




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX043253.D
 Acq: 03 Oct 2024 11:44

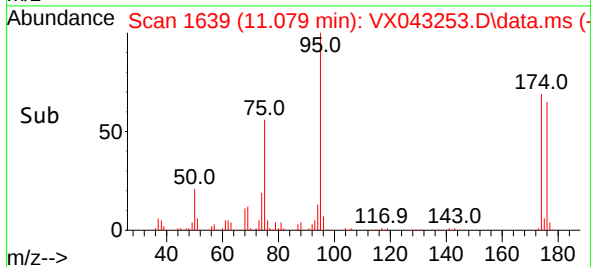
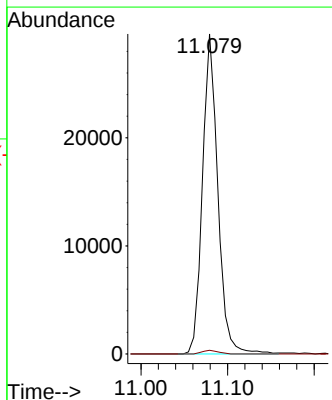
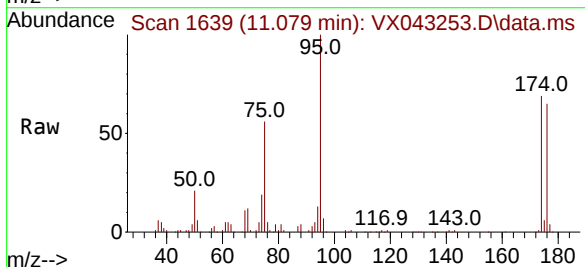
Instrument :
 MSVOA_X
 ClientSampleId :

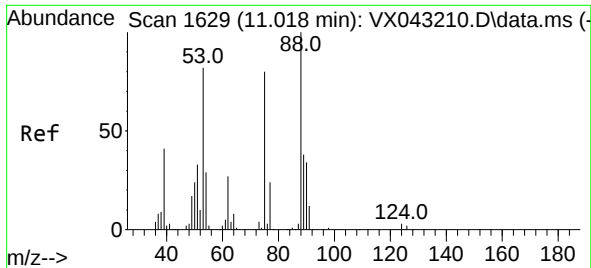
Tgt Ion:152 Resp: 54476
 Ion Ratio Lower Upper
 152 100
 115 63.5 44.1 132.3
 150 154.4 0.0 347.4



#76
 1,2,3-Trichloropropane
 Concen: 30.135 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX043253.D
 Acq: 03 Oct 2024 11:44

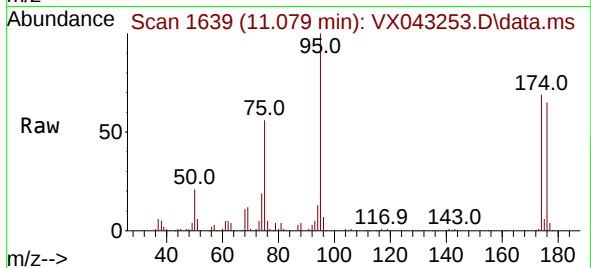
Tgt Ion: 75 Resp: 36413
 Ion Ratio Lower Upper
 75 100
 77 1.2 22.0 66.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 78.099 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX043253.D
Acq: 03 Oct 2024 11:44

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 36413
Ion Ratio Lower Upper
75 100
53 0.0 83.9 125.9#
89 0.0 38.6 58.0#

