

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100224\
 Data File : VX043231.D
 Acq On : 02 Oct 2024 15:08
 Operator : JC/MD
 Sample : P4221-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 02 23:04:07 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)

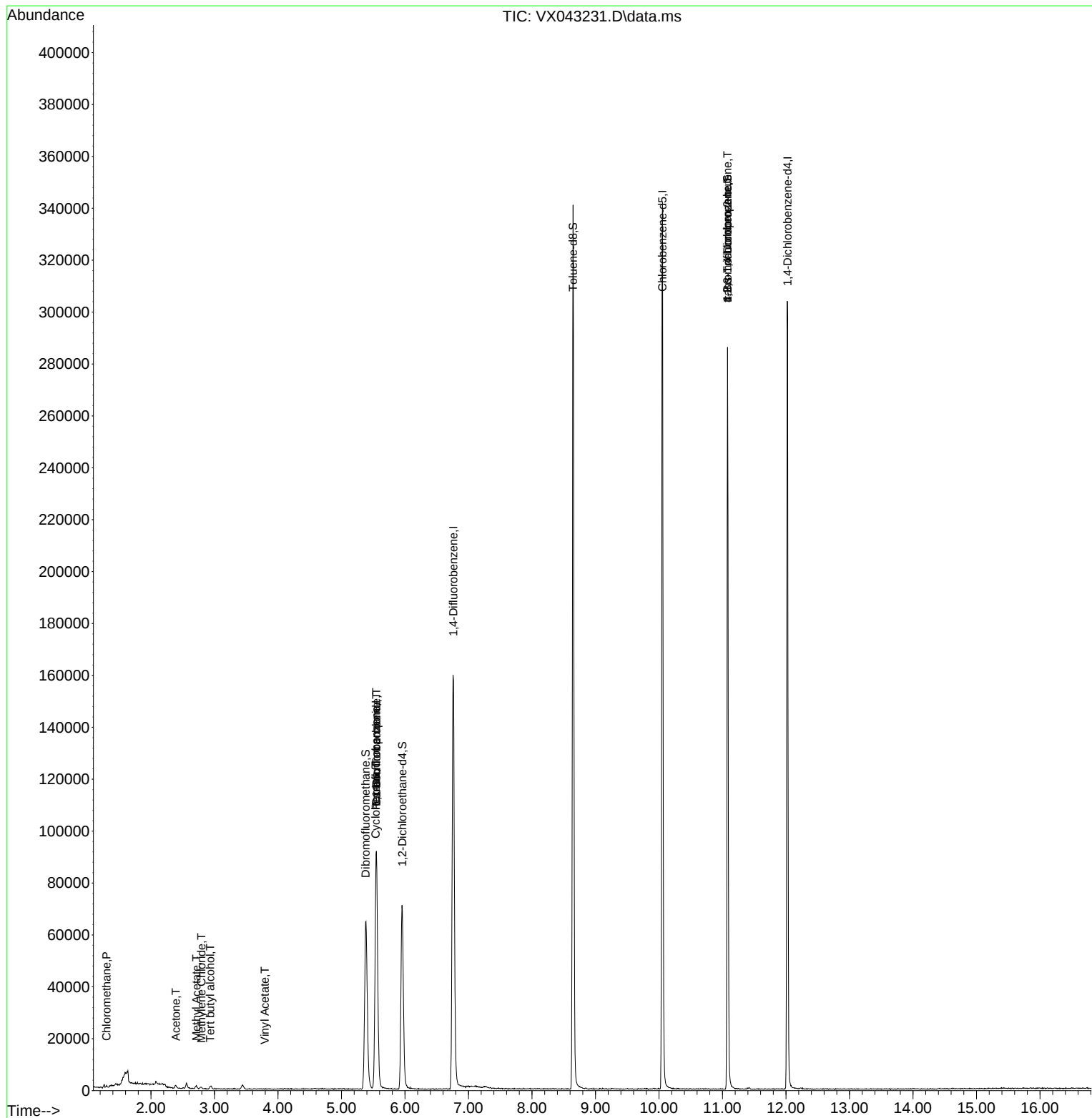
Internal Standards						
1) Pentafluorobenzene	5.544	168	83138	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	167613	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	154866	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62244	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	73276	53.968	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.940%	
35) Dibromofluoromethane	5.379	113	56963	49.279	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.560%	
50) Toluene-d8	8.647	98	199953	49.916	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.840%	
62) 4-Bromofluorobenzene	11.079	95	75059	51.577	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 103.160%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	353	0.354	ug/l #	72
11) Tert butyl alcohol	2.934	59	538	2.082	ug/l #	71
16) Acetone	2.392	43	1104	1.947	ug/l #	87
18) Methyl Acetate	2.715	43	1801	1.266	ug/l #	87
20) Methylene Chloride	2.794	84	312	0.298	ug/l #	71
23) Vinyl Acetate	3.794	43	45	6.352	ug/l #	71
31) Cyclohexane	5.538	56	2029	1.385	ug/l #	33
36) 1,1-Dichloropropene	5.550	75	7204	4.933	ug/l #	50
38) Carbon Tetrachloride	5.550	117	9203	5.324	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	40823	29.568	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	40823	76.630	ug/l #	8

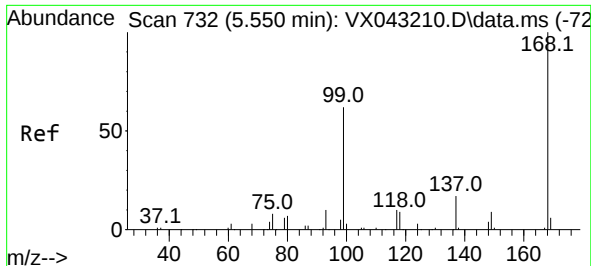
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100224\
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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

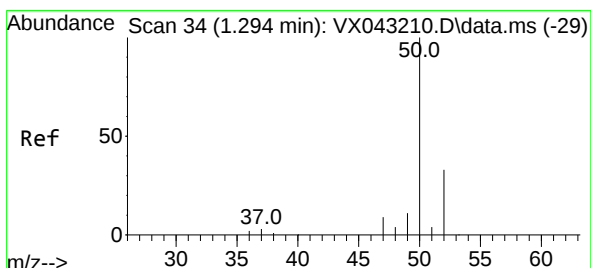
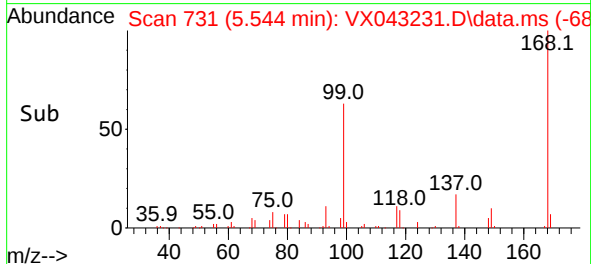
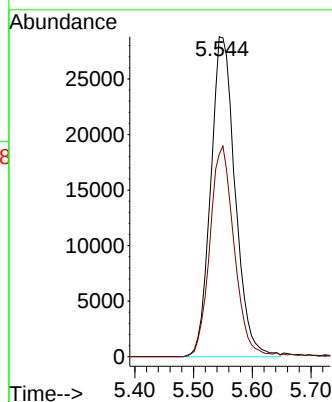
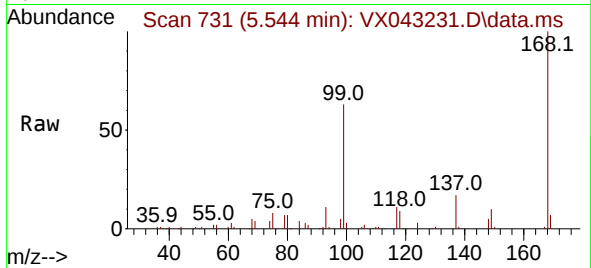




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX043231.D
Acq: 02 Oct 2024 15:08

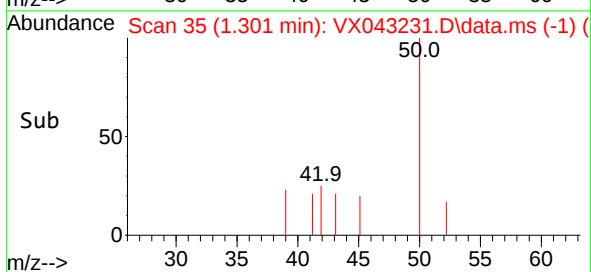
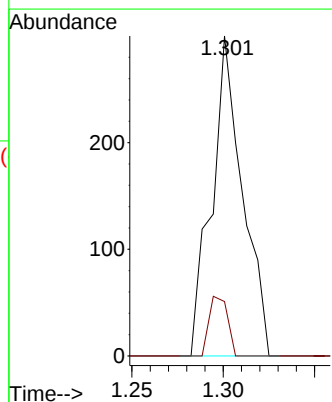
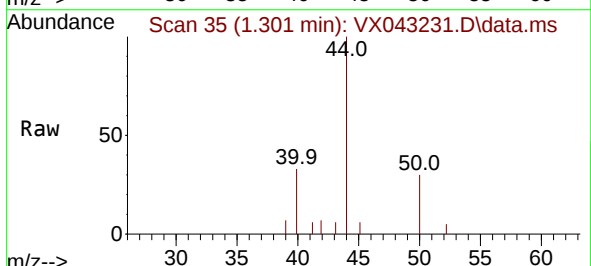
Instrument :
MSVOA_X
ClientSampleId :

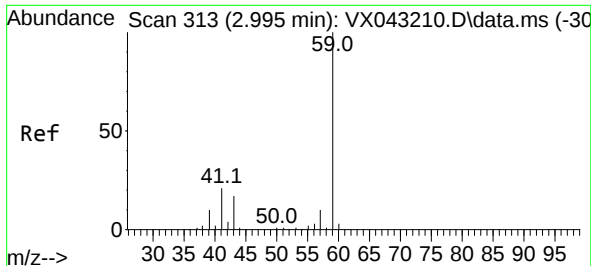
Tgt Ion:168 Resp: 83138
Ion Ratio Lower Upper
168 100
99 63.3 49.7 74.5



#3
Chloromethane
Concen: 0.354 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX043231.D
Acq: 02 Oct 2024 15:08

Tgt Ion: 50 Resp: 353
Ion Ratio Lower Upper
50 100
52 17.0 26.1 39.1#





#11

Tert butyl alcohol

Concen: 2.082 ug/l

RT: 2.934 min Scan# 30

Delta R.T. -0.061 min

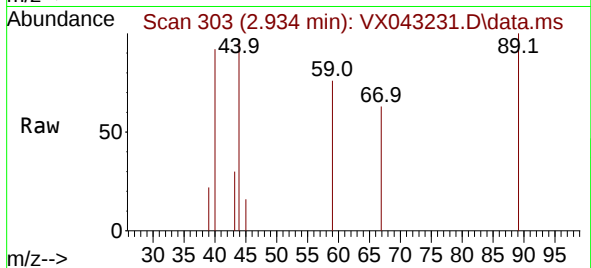
Lab File: VX043231.D

Acq: 02 Oct 2024 15:08

Instrument :

MSVOA_X

ClientSampleId :

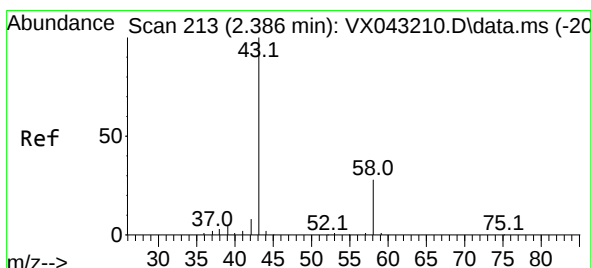
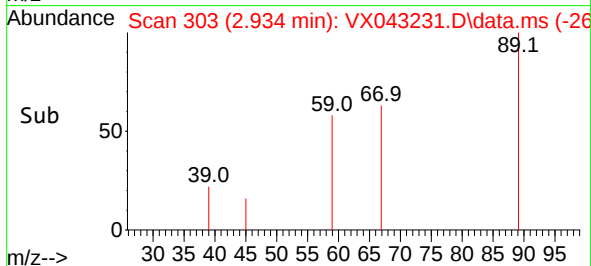
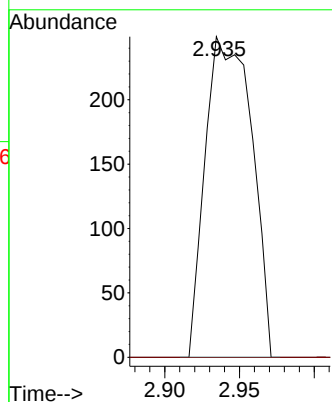


Tgt Ion: 59 Resp: 538

Ion Ratio Lower Upper

59 100

57 0.0 8.6 13.0#



#16

Acetone

Concen: 1.947 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX043231.D

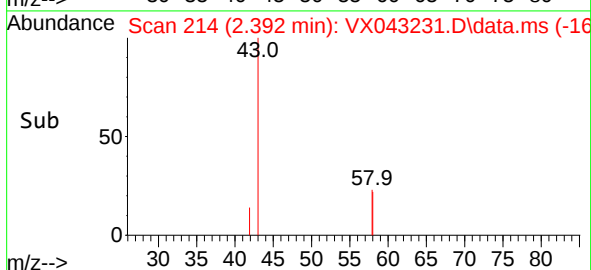
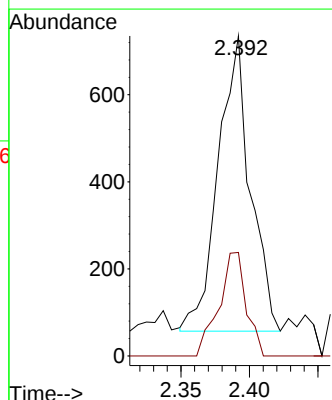
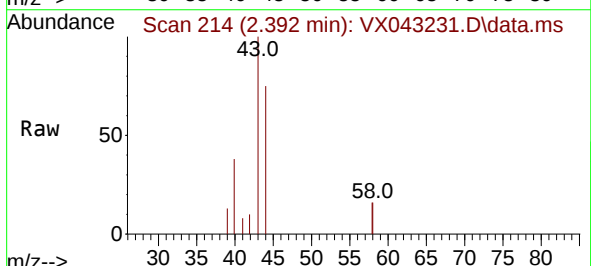
Acq: 02 Oct 2024 15:08

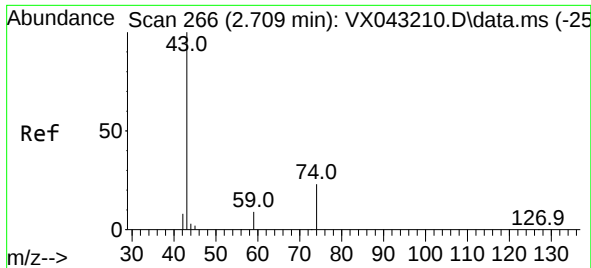
Tgt Ion: 43 Resp: 1104

Ion Ratio Lower Upper

43 100

58 35.1 22.6 33.8#





#18

Methyl Acetate

Concen: 1.266 ug/l

RT: 2.715 min Scan# 2

Delta R.T. 0.006 min

Lab File: VX043231.D

Acq: 02 Oct 2024 15:08

Instrument :

MSVOA_X

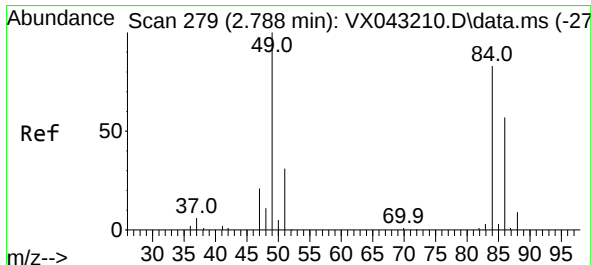
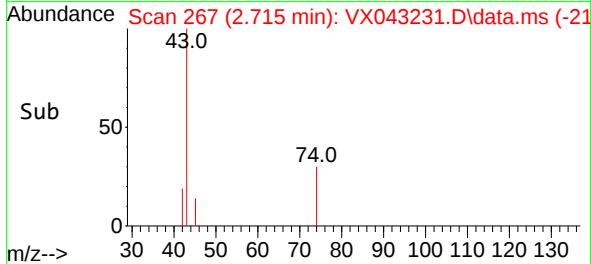
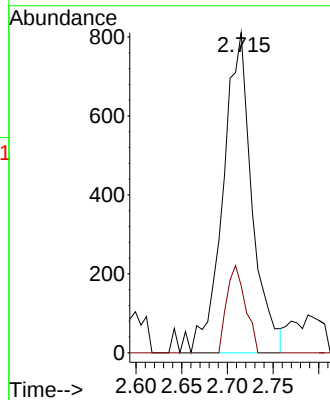
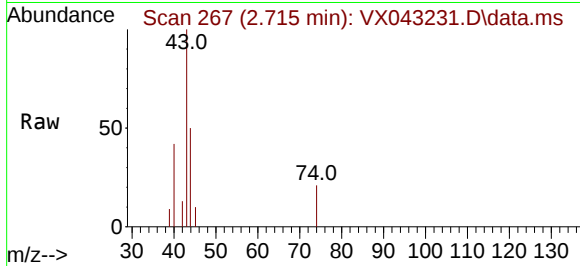
ClientSampleId :

Tgt Ion: 43 Resp: 1801

Ion Ratio Lower Upper

43 100

74 17.4 19.1 28.7#



#20

Methylene Chloride

Concen: 0.298 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX043231.D

Acq: 02 Oct 2024 15:08

Tgt Ion: 84 Resp: 312

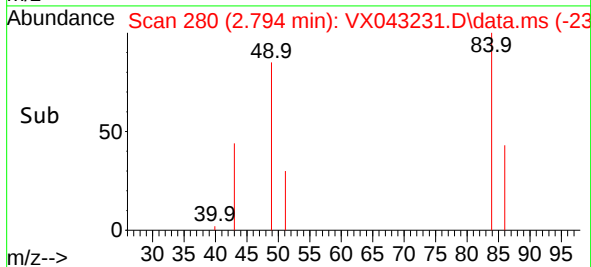
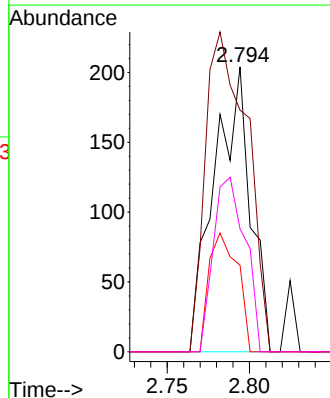
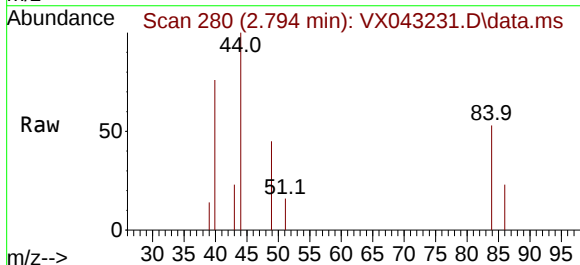
Ion Ratio Lower Upper

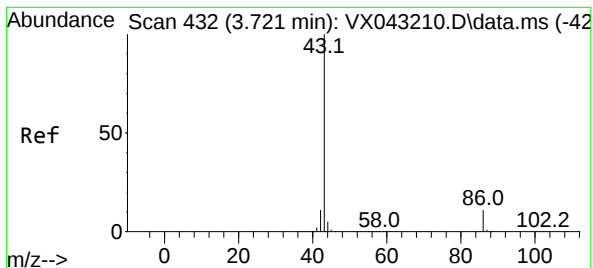
84 100

49 84.8 96.7 145.1#

51 30.4 30.4 45.6#

86 43.1 54.7 82.1#





#23

Vinyl Acetate

Concen: 6.352 ug/l

RT: 3.794 min Scan# 44

Delta R.T. 0.073 min

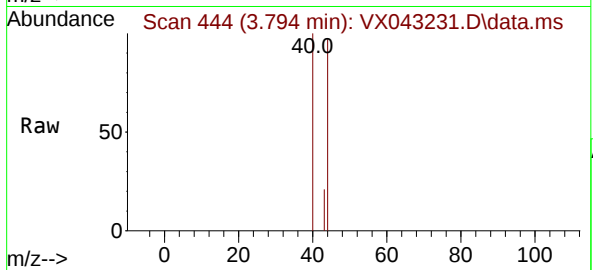
Lab File: VX043231.D

Acq: 02 Oct 2024 15:08

Instrument :

MSVOA_X

ClientSampleId :

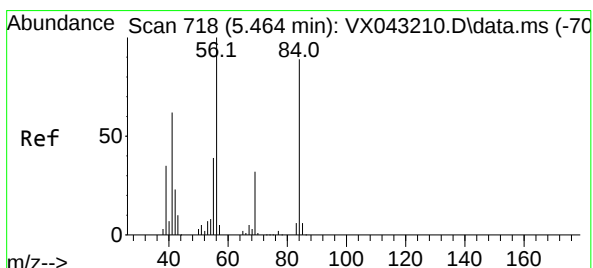
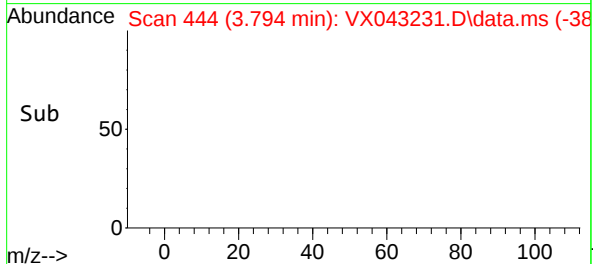
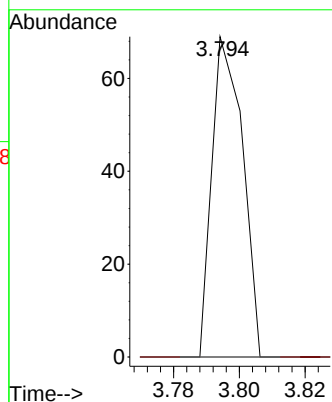


Tgt Ion: 43 Resp: 45

Ion Ratio Lower Upper

43 100

86 0.0 8.8 13.2#



#31

Cyclohexane

Concen: 1.385 ug/l

RT: 5.538 min Scan# 730

Delta R.T. 0.073 min

Lab File: VX043231.D

Acq: 02 Oct 2024 15:08

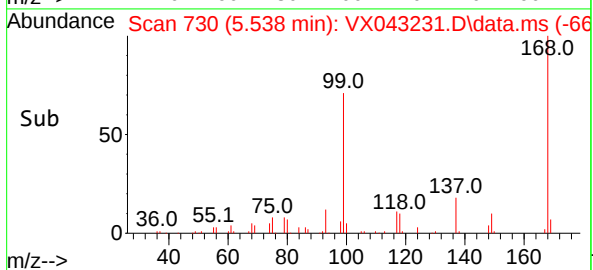
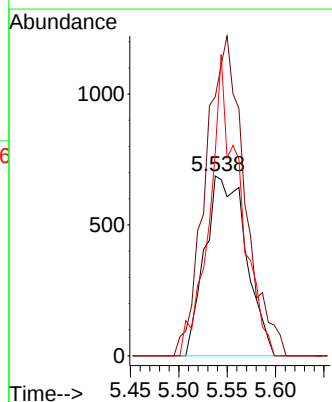
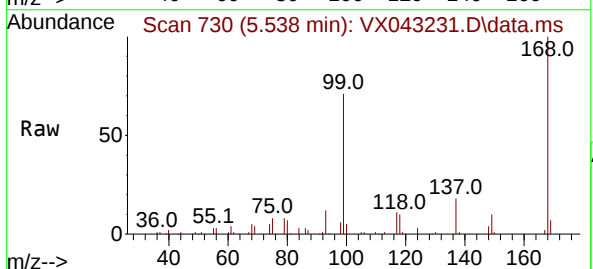
Tgt Ion: 56 Resp: 2029

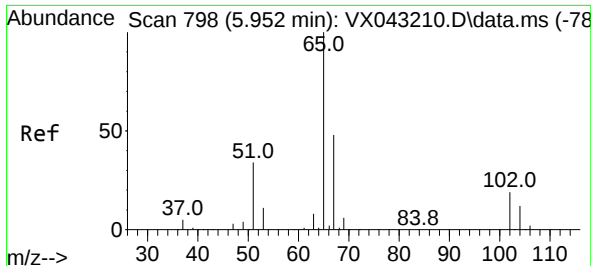
Ion Ratio Lower Upper

56 100

69 133.5 25.8 38.6#

84 112.8 71.1 106.7#





#33

1,2-Dichloroethane-d4

Concen: 53.968 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX043231.D

Acq: 02 Oct 2024 15:08

Instrument :

MSVOA_X

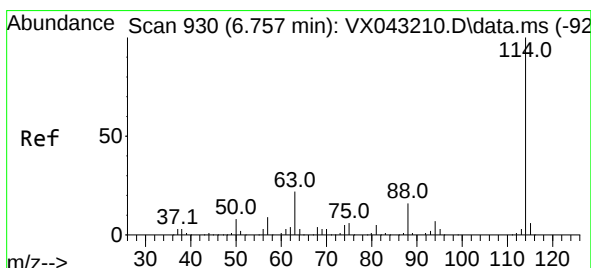
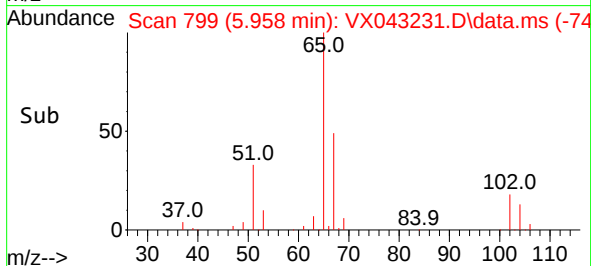
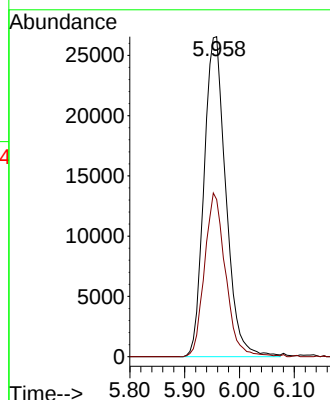
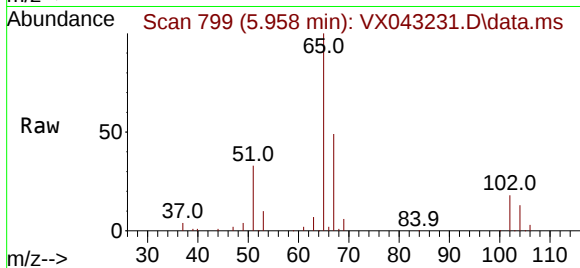
ClientSampleId :

Tgt Ion: 65 Resp: 73276

Ion Ratio Lower Upper

65 100

67 49.1 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX043231.D

Acq: 02 Oct 2024 15:08

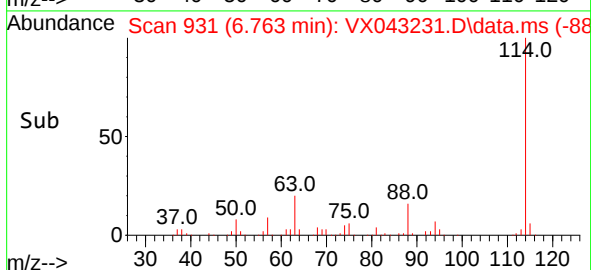
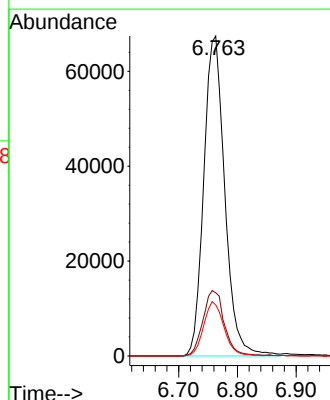
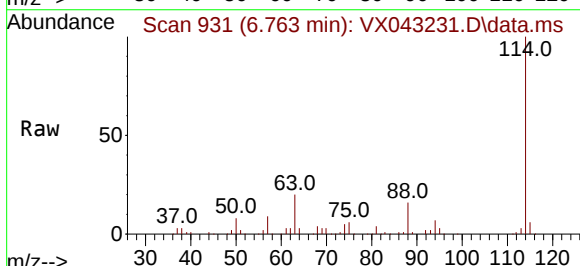
Tgt Ion: 114 Resp: 167613

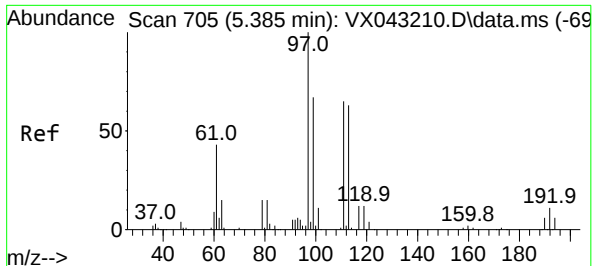
Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.0

88 15.9 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.279 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

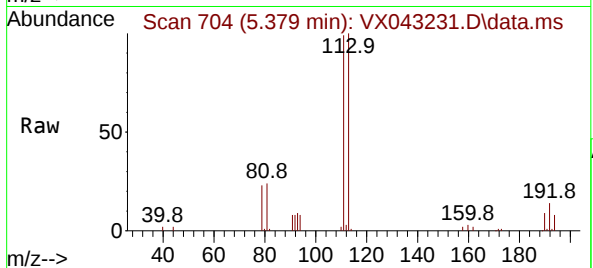
Lab File: VX043231.D

Acq: 02 Oct 2024 15:08

Instrument :

MSVOA_X

ClientSampleId :



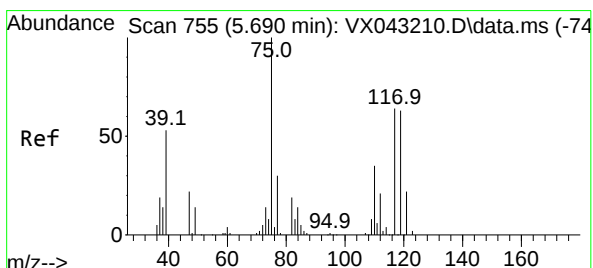
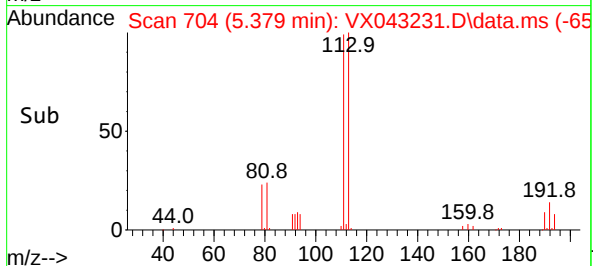
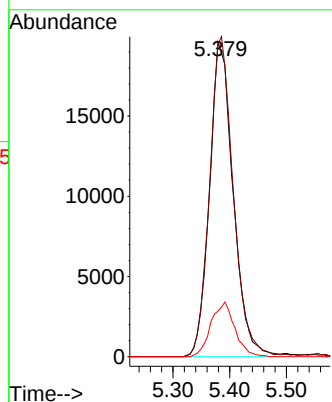
Tgt Ion:113 Resp: 56963

Ion Ratio Lower Upper

113 100

111 101.5 83.4 125.0

192 17.4 14.1 21.1



#36

1,1-Dichloropropene

Concen: 4.933 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX043231.D

Acq: 02 Oct 2024 15:08

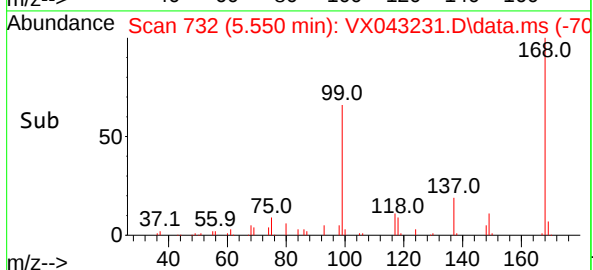
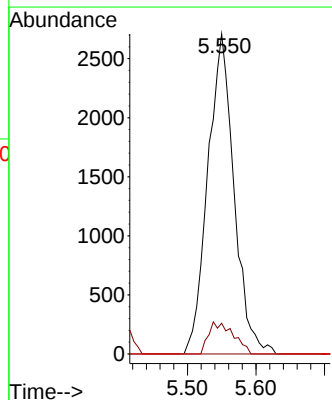
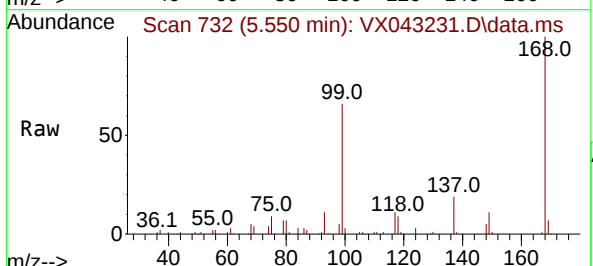
Tgt Ion: 75 Resp: 7204

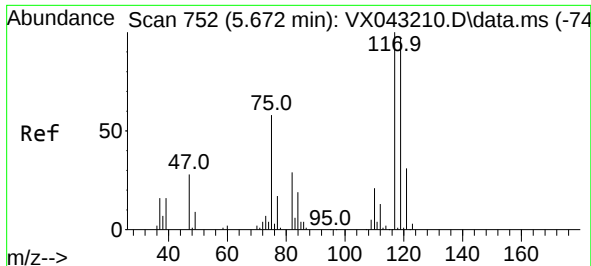
Ion Ratio Lower Upper

75 100

110 9.4 17.8 53.3#

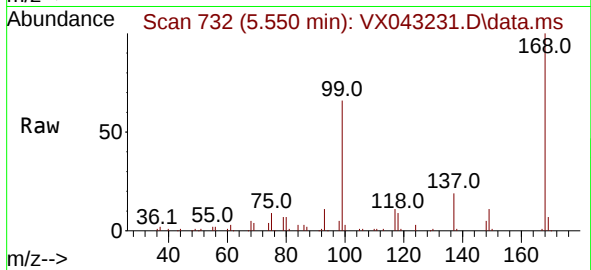
77 0.0 24.9 37.3#



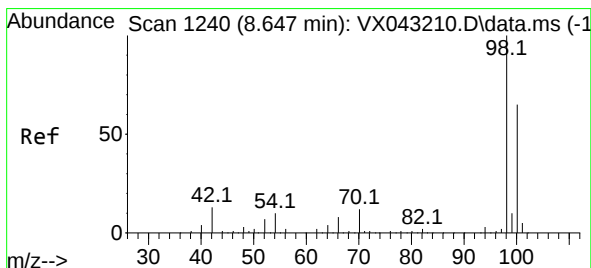
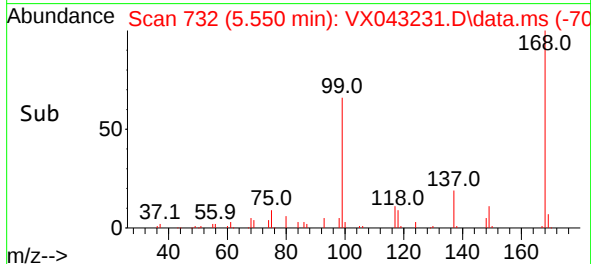
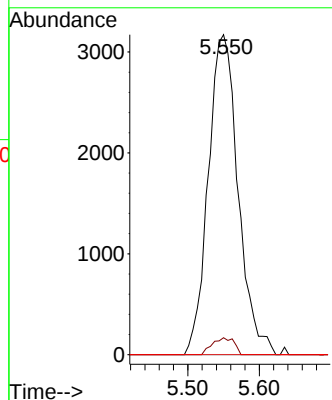


#38
Carbon Tetrachloride
Concen: 5.324 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX043231.D
Acq: 02 Oct 2024 15:08

Instrument :
MSVOA_X
ClientSampleId :

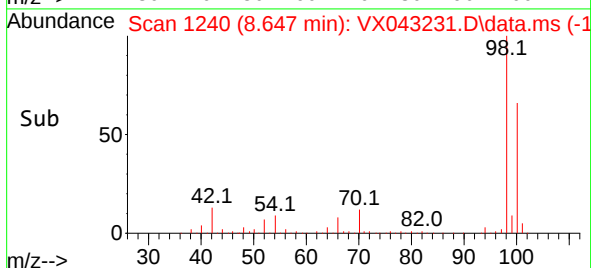
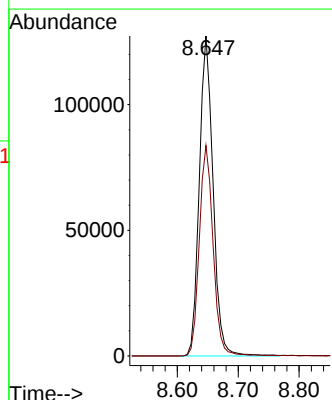
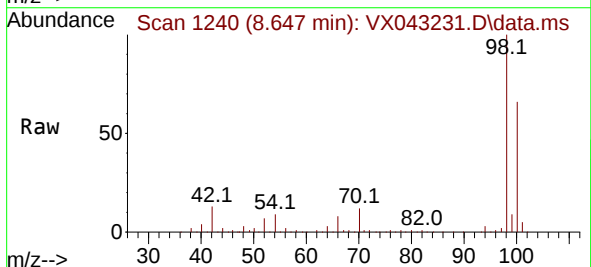


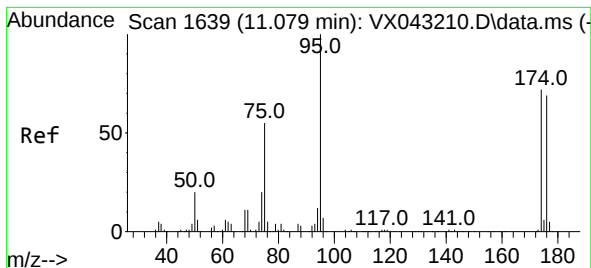
Tgt Ion:117 Resp: 9203
Ion Ratio Lower Upper
117 100
119 5.3 77.7 116.5#
121 0.0 24.3 36.5#



#50
Toluene-d8
Concen: 49.916 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX043231.D
Acq: 02 Oct 2024 15:08

Tgt Ion: 98 Resp: 199953
Ion Ratio Lower Upper
98 100
100 66.0 52.4 78.6

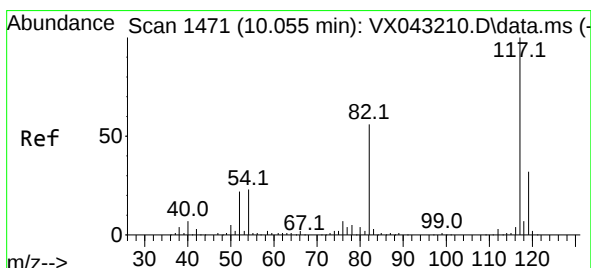
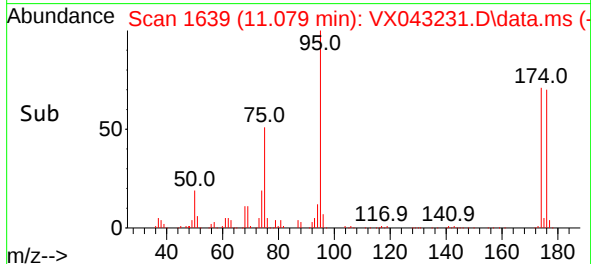
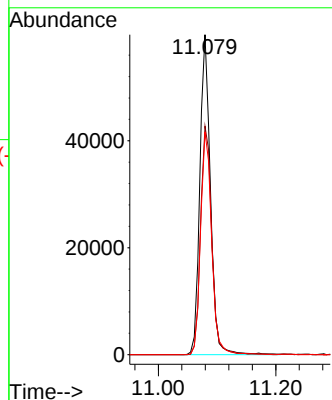
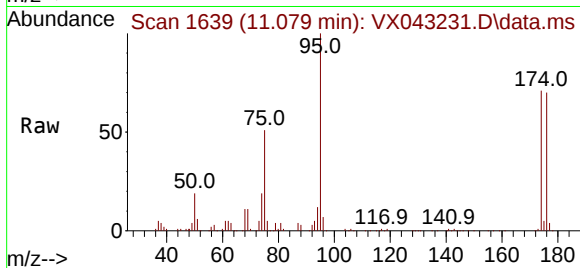




#62
4-Bromofluorobenzene
Concen: 51.577 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043231.D
Acq: 02 Oct 2024 15:08

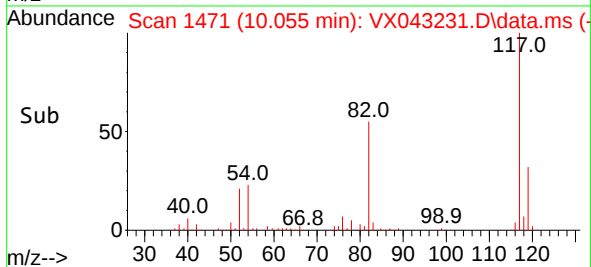
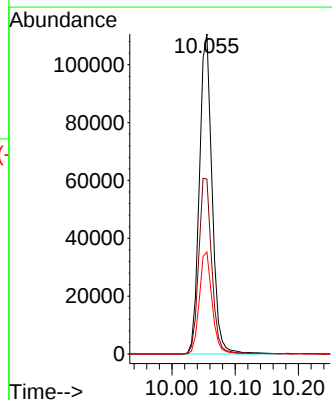
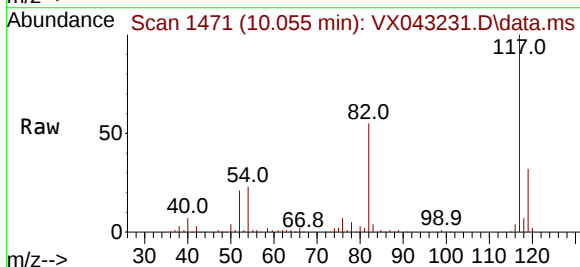
Instrument :
MSVOA_X
ClientSampleId :

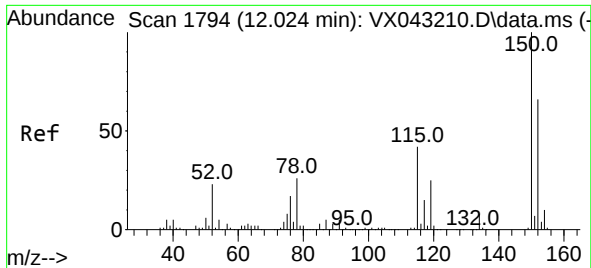
Tgt Ion: 95 Resp: 75059
Ion Ratio Lower Upper
95 100
174 75.6 0.0 145.0
176 72.9 0.0 143.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043231.D
Acq: 02 Oct 2024 15:08

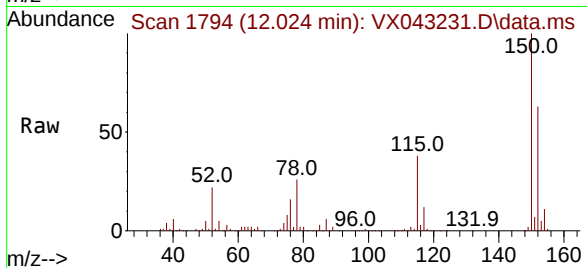
Tgt Ion: 117 Resp: 154866
Ion Ratio Lower Upper
117 100
82 54.7 45.0 67.6
119 31.9 25.3 37.9



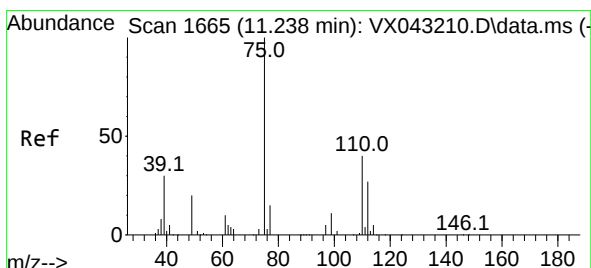
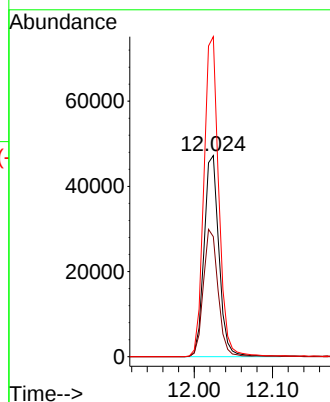
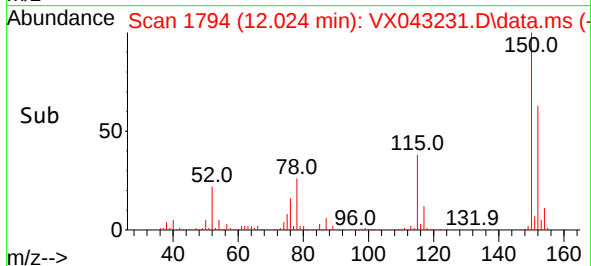


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX043231.D
 Acq: 02 Oct 2024 15:08

Instrument :
 MSVOA_X
 ClientSampleId :

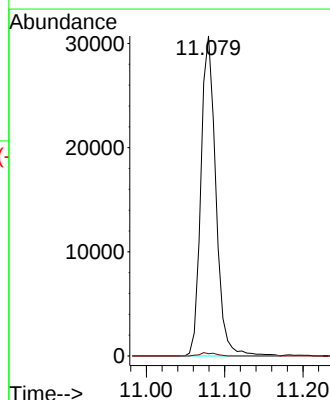
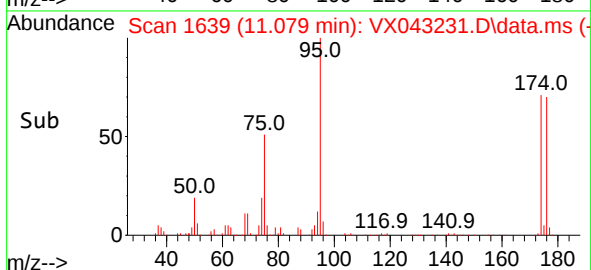
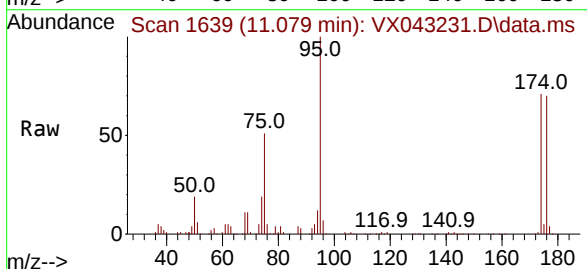


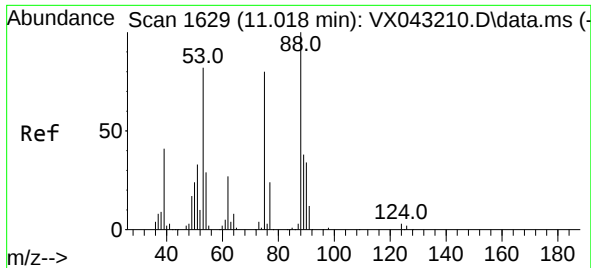
Tgt Ion:152 Resp: 62244
 Ion Ratio Lower Upper
 152 100
 115 63.2 44.1 132.3
 150 159.1 0.0 347.4



#76
 1,2,3-Trichloropropane
 Concen: 29.568 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX043231.D
 Acq: 02 Oct 2024 15:08

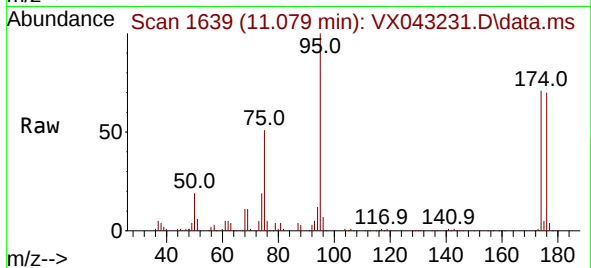
Tgt Ion: 75 Resp: 40823
 Ion Ratio Lower Upper
 75 100
 77 1.1 22.0 66.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 76.630 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX043231.D
Acq: 02 Oct 2024 15:08

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 40823
Ion Ratio Lower Upper
75 100
53 0.0 83.9 125.9#
89 0.0 38.6 58.0#

