

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081424\
 Data File : VX043042.D
 Acq On : 14 Aug 2024 19:27
 Operator : JC/MD
 Sample : P3542-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 15 04:35:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081424W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 04:22:11 2024
 Response via : Initial Calibration

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

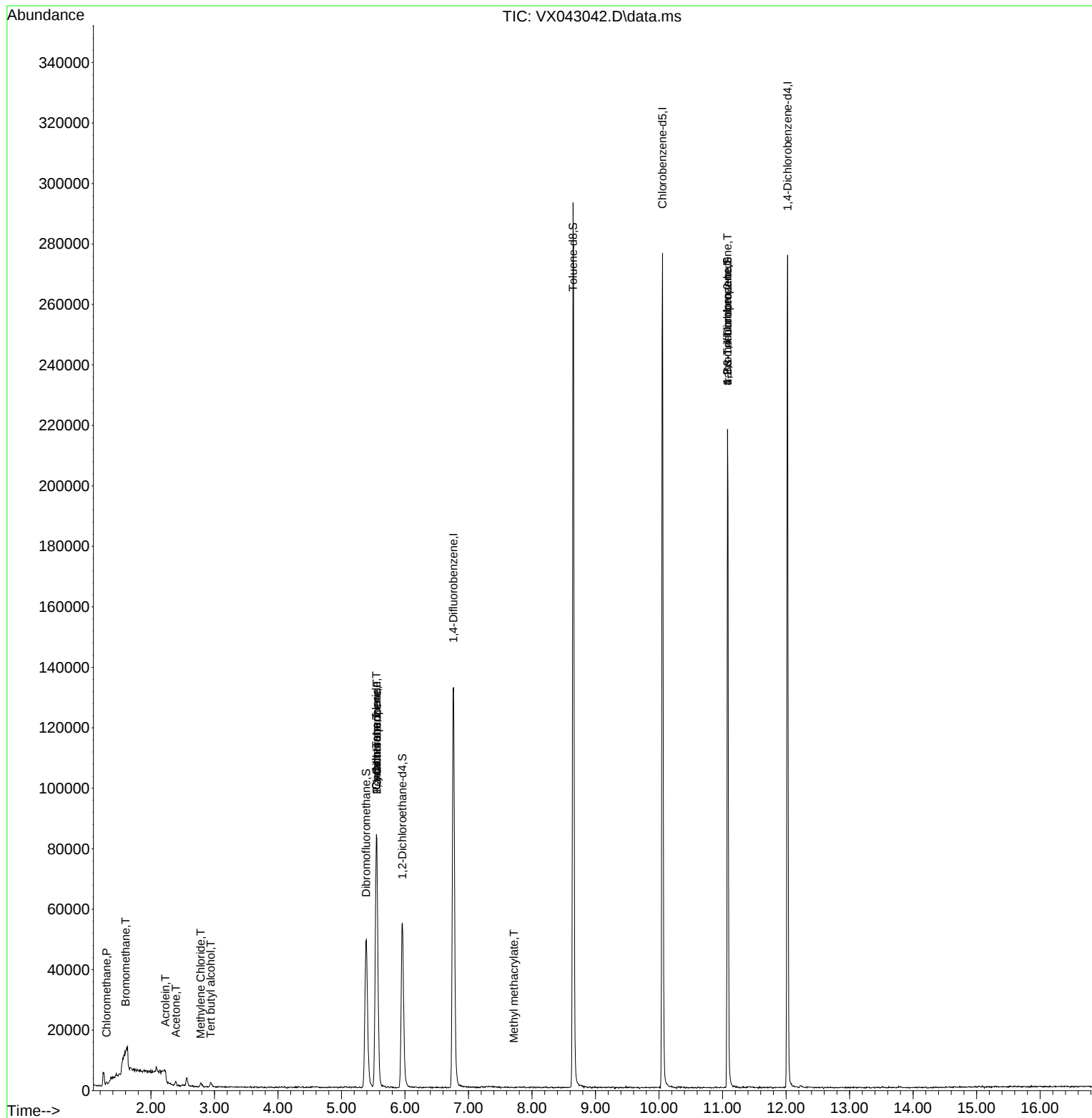
Internal Standards						
1) Pentafluorobenzene	5.556	168	82679	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	143419	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	129798	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58129	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	50135	46.147	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.300%
35) Dibromofluoromethane	5.385	113	44103	49.708	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.420%
50) Toluene-d8	8.647	98	174799	51.037	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.080%
62) 4-Bromofluorobenzene	11.079	95	61681	49.667	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.340%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	632	0.511	ug/l #	67
5) Bromomethane	1.599	94	450	1.195	ug/l #	59
11) Tert butyl alcohol	2.941	59	632	2.255	ug/l #	59
13) Acrolein	2.227	56	422	1.489	ug/l #	14
16) Acetone	2.392	43	1555	2.886	ug/l #	84
20) Methylene Chloride	2.782	84	676	0.543	ug/l #	86
31) Cyclohexane	5.550	56	1951	1.078	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	6713	5.446	ug/l #	50
38) Carbon Tetrachloride	5.550	117	7995	6.415	ug/l #	14
48) Methyl methacrylate	7.714	41	267	0.605	ug/l #	35
76) 1,2,3-Trichloropropane	11.079	75	29685	22.282	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	29685	48.603	ug/l #	5

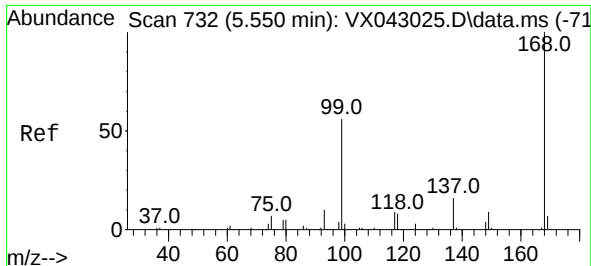
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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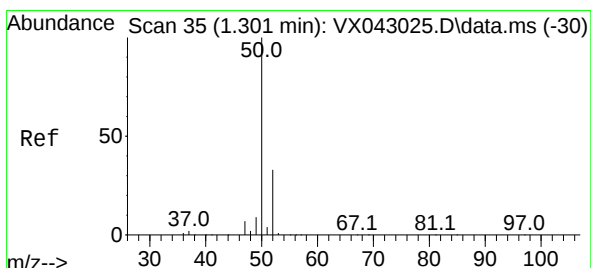
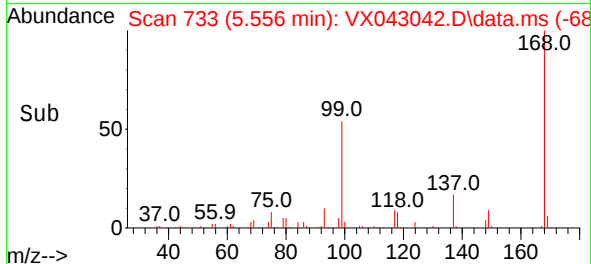
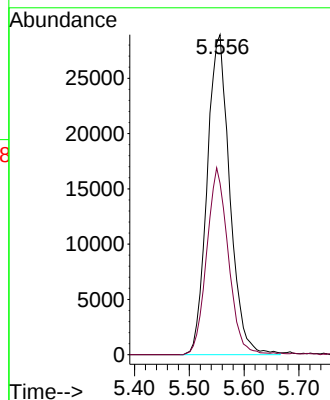
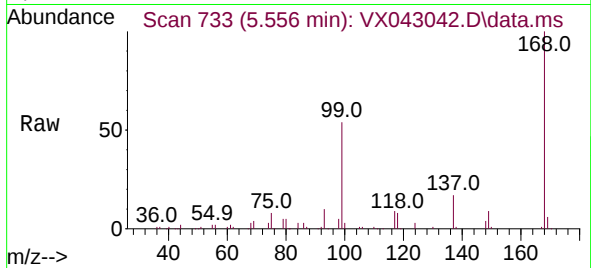




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX043042.D
Acq: 14 Aug 2024 19:27

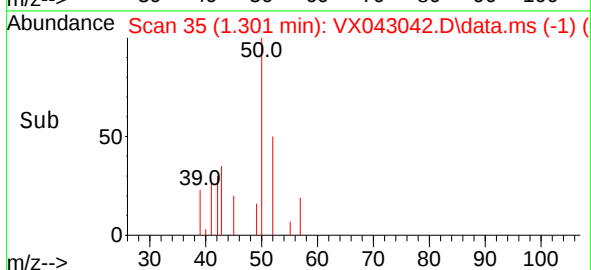
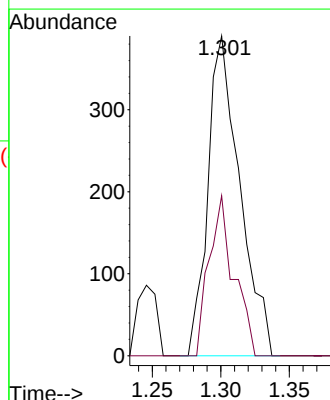
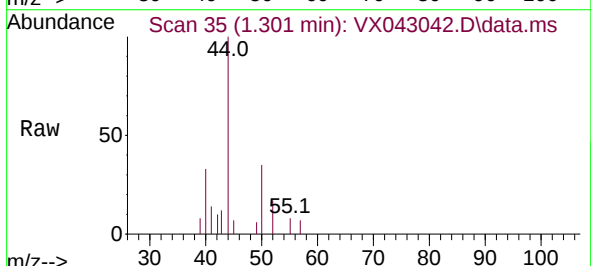
Instrument :
MSVOA_X
ClientSampleId :

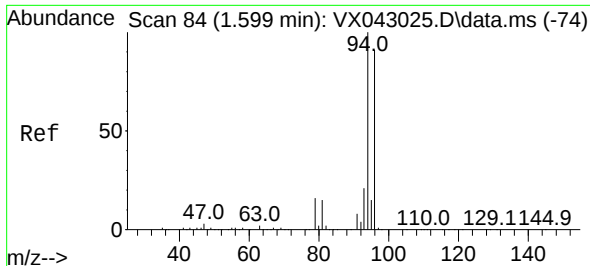
Tgt Ion:168 Resp: 82679
Ion Ratio Lower Upper
168 100
99 53.5 56.6 85.0#



#3
Chloromethane
Concen: 0.511 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX043042.D
Acq: 14 Aug 2024 19:27

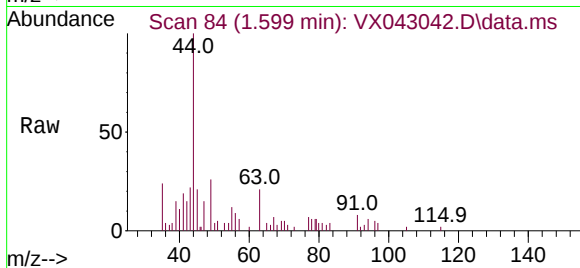
Tgt Ion: 50 Resp: 632
Ion Ratio Lower Upper
50 100
52 50.0 25.5 38.3#



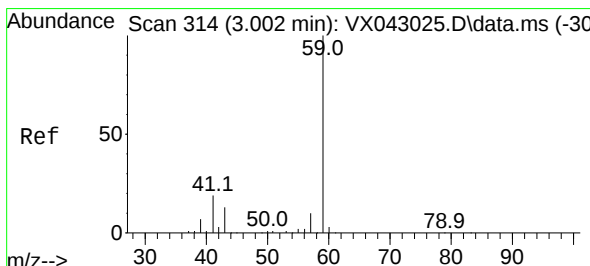
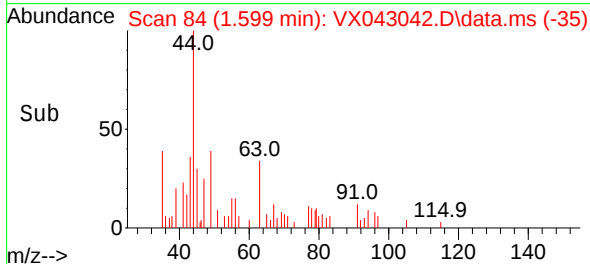
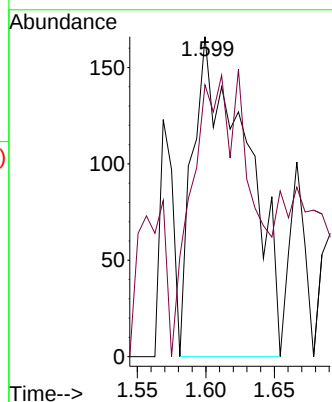


#5
Bromomethane
Concen: 1.195 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX043042.D
Acq: 14 Aug 2024 19:27

Instrument :
MSVOA_X
ClientSampleId :

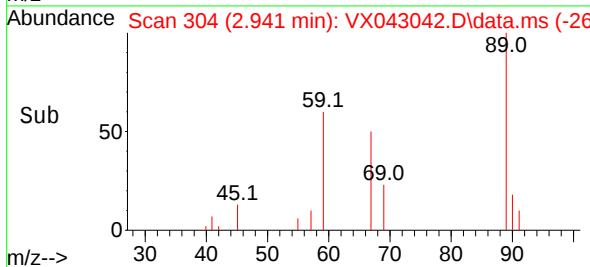
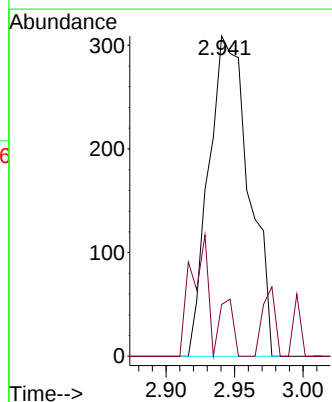
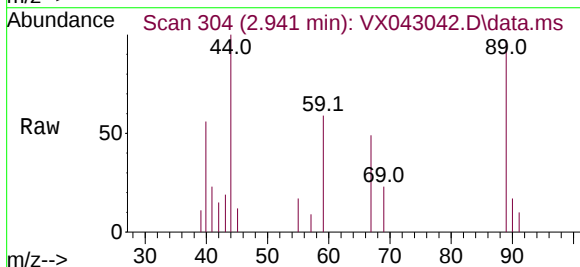


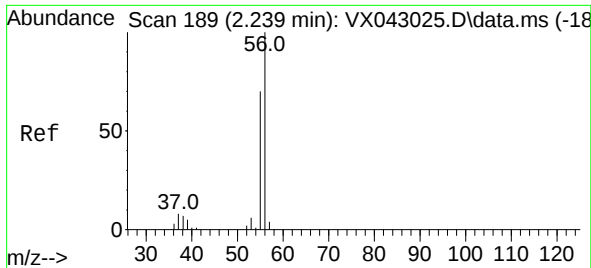
Tgt Ion: 94 Resp: 450
Ion Ratio Lower Upper
94 100
96 53.6 74.6 111.8#



#11
Tert butyl alcohol
Concen: 2.255 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.061 min
Lab File: VX043042.D
Acq: 14 Aug 2024 19:27

Tgt Ion: 59 Resp: 632
Ion Ratio Lower Upper
59 100
57 21.8 6.0 9.0#





#13

Acrolein

Concen: 1.489 ug/l

RT: 2.227 min Scan# 11

Delta R.T. -0.012 min

Lab File: VX043042.D

Acq: 14 Aug 2024 19:27

Instrument :

MSVOA_X

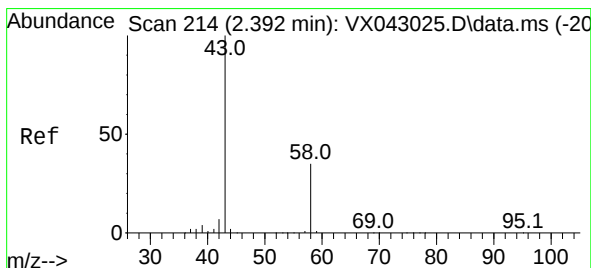
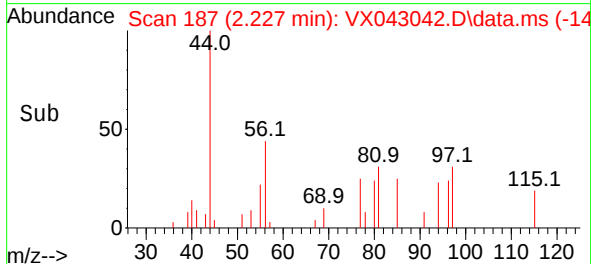
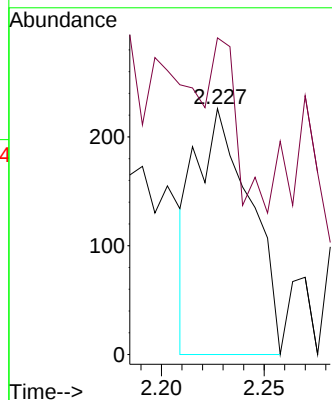
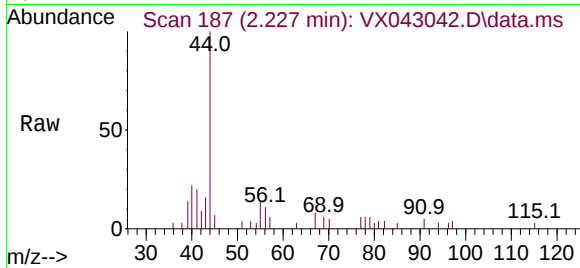
ClientSampleId :

Tgt Ion: 56 Resp: 422

Ion Ratio Lower Upper

56 100

55 0.0 57.1 85.7#



#16

Acetone

Concen: 2.886 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.000 min

Lab File: VX043042.D

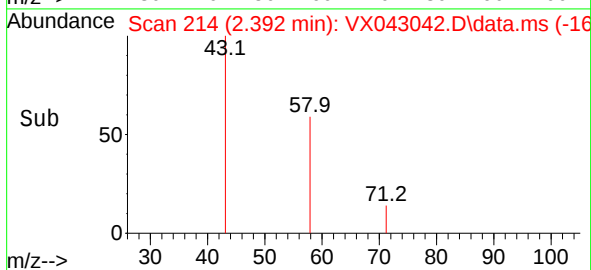
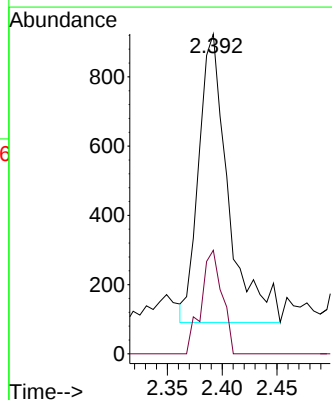
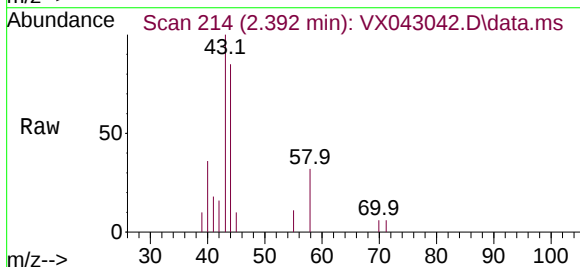
Acq: 14 Aug 2024 19:27

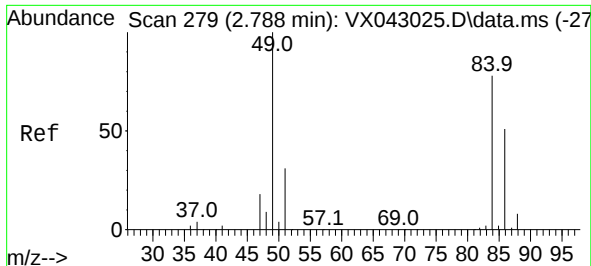
Tgt Ion: 43 Resp: 1555

Ion Ratio Lower Upper

43 100

58 35.9 21.9 32.9#





#20

Methylene Chloride

Concen: 0.543 ug/l

RT: 2.782 min Scan# 21

Delta R.T. -0.006 min

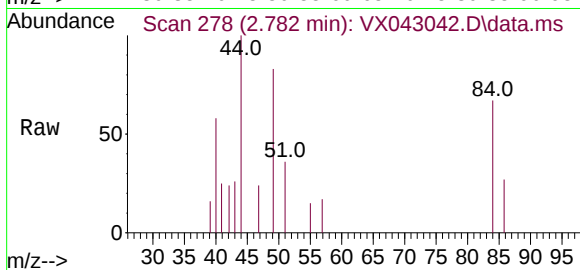
Lab File: VX043042.D

Acq: 14 Aug 2024 19:27

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 676

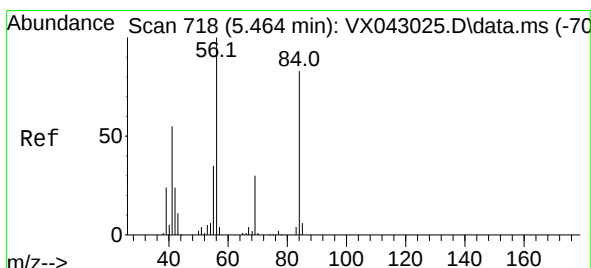
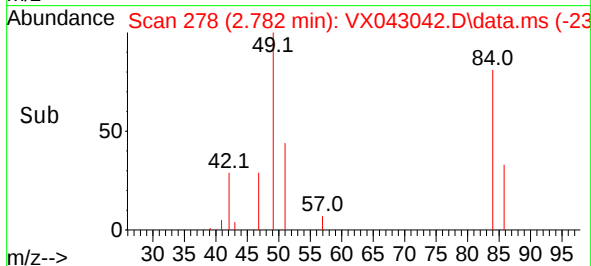
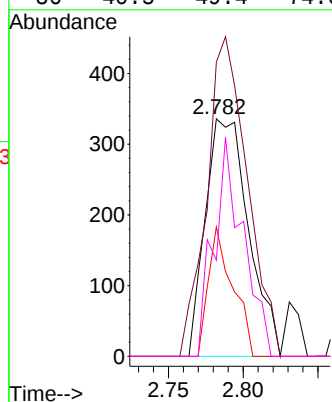
Ion Ratio Lower Upper

84 100

49 123.8 103.6 155.4

51 54.5 33.8 50.6#

86 40.5 49.4 74.0#



#31

Cyclohexane

Concen: 1.078 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.085 min

Lab File: VX043042.D

Acq: 14 Aug 2024 19:27

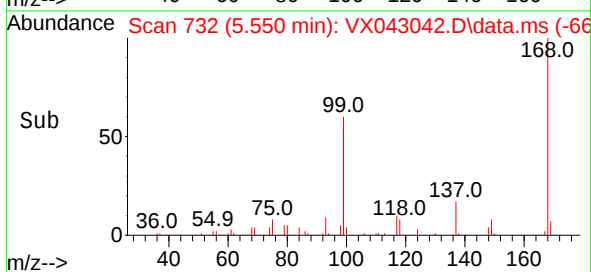
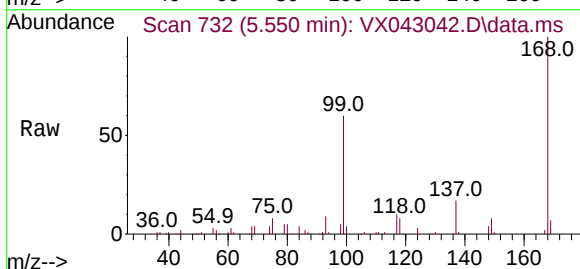
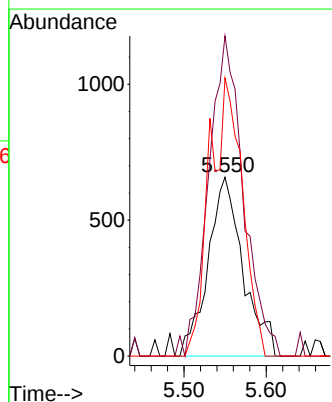
Tgt Ion: 56 Resp: 1951

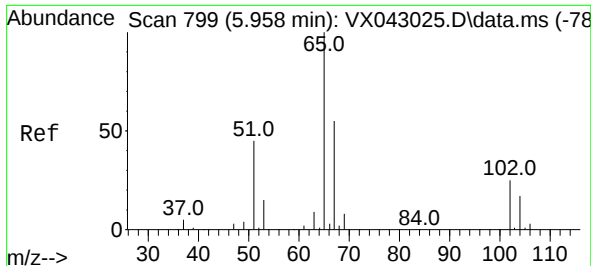
Ion Ratio Lower Upper

56 100

69 179.0 23.4 35.2#

84 155.5 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 46.147 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX043042.D

Acq: 14 Aug 2024 19:27

Instrument :

MSVOA_X

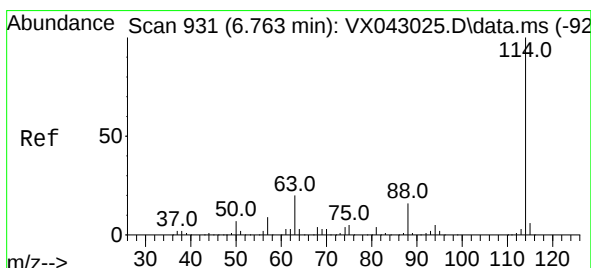
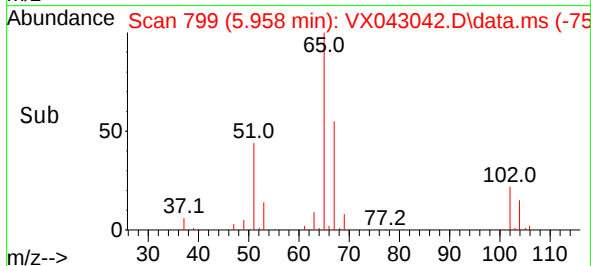
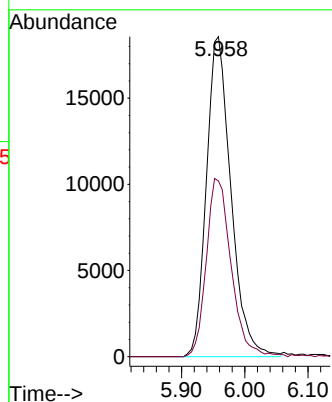
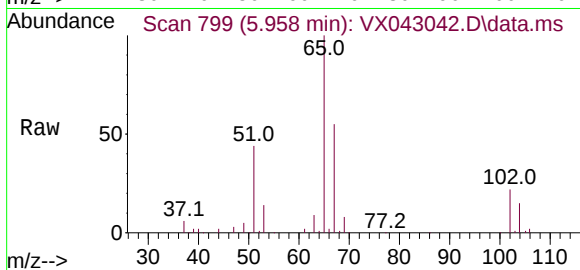
ClientSampleId :

Tgt Ion: 65 Resp: 50135

Ion Ratio Lower Upper

65 100

67 56.3 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: VX043042.D

Acq: 14 Aug 2024 19:27

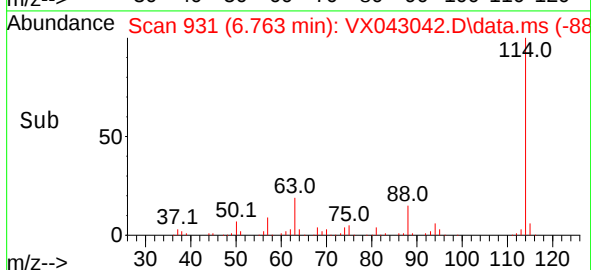
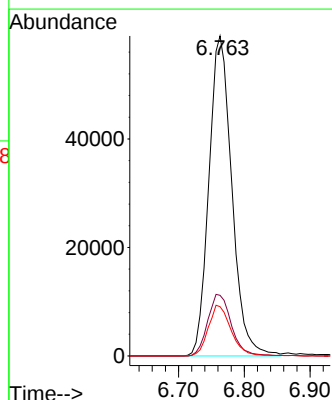
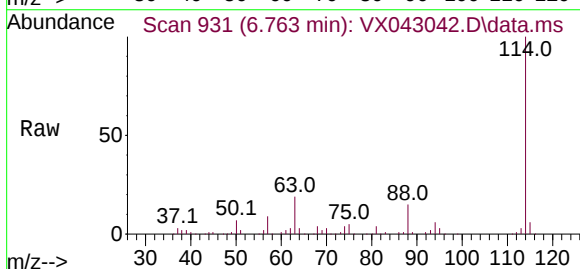
Tgt Ion: 114 Resp: 143419

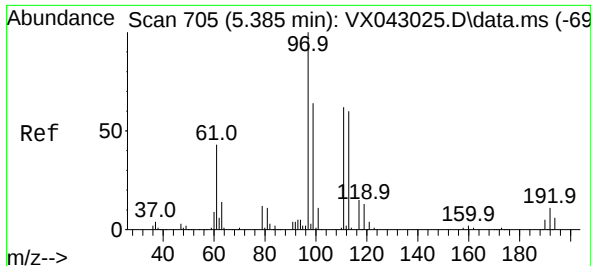
Ion Ratio Lower Upper

114 100

63 18.9 0.0 45.0

88 15.4 0.0 36.6





#35

Dibromofluoromethane

Concen: 49.708 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

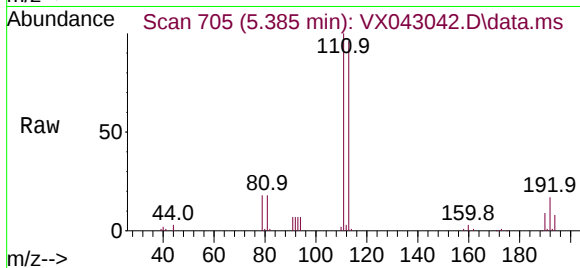
Lab File: VX043042.D

Acq: 14 Aug 2024 19:27

Instrument :

MSVOA_X

ClientSampleId :



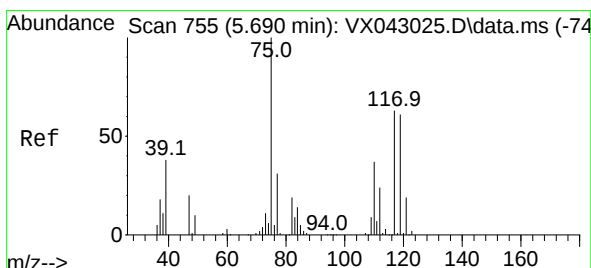
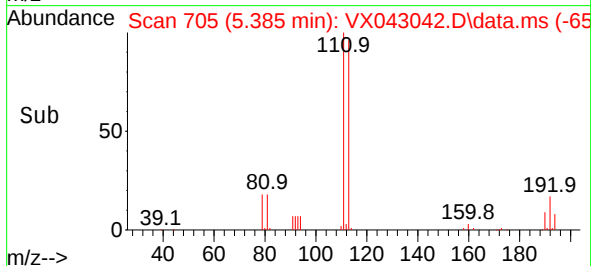
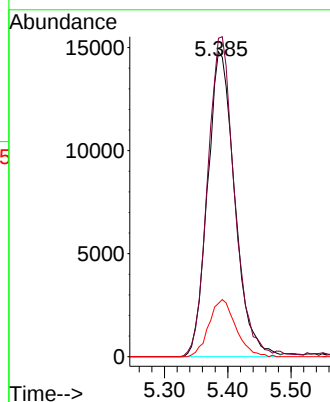
Tgt Ion:113 Resp: 44103

Ion Ratio Lower Upper

113 100

111 103.3 82.9 124.3

192 18.5 13.3 19.9



#36

1,1-Dichloropropene

Concen: 5.446 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX043042.D

Acq: 14 Aug 2024 19:27

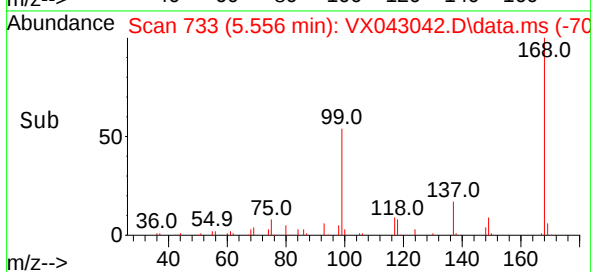
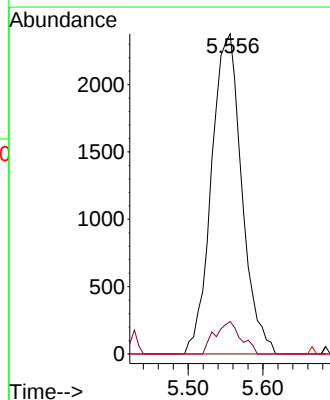
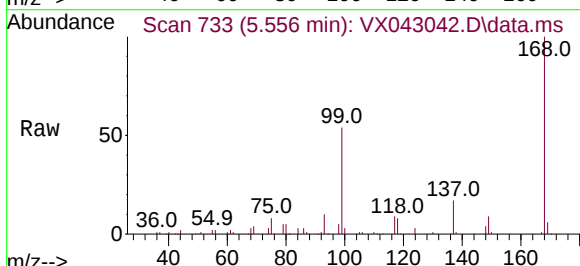
Tgt Ion: 75 Resp: 6713

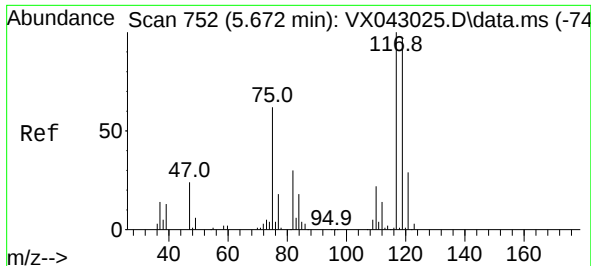
Ion Ratio Lower Upper

75 100

110 8.7 17.0 50.9#

77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.415 ug/l

RT: 5.550 min Scan# 74

Delta R.T. -0.122 min

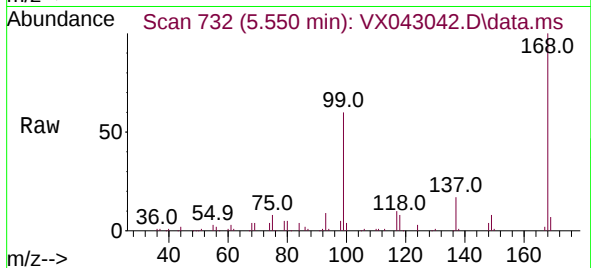
Lab File: VX043042.D

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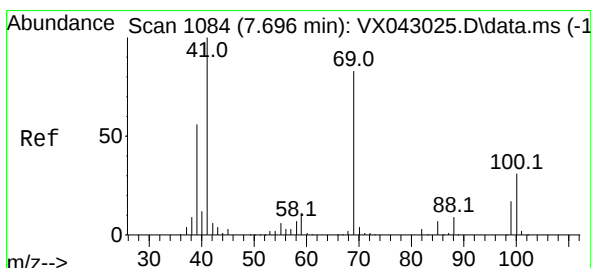
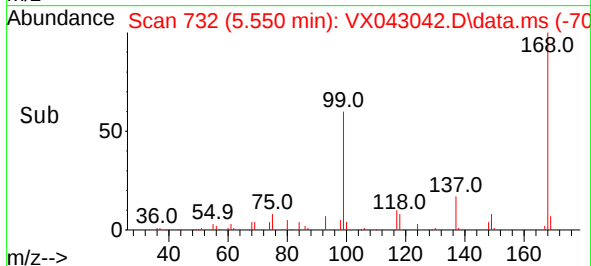
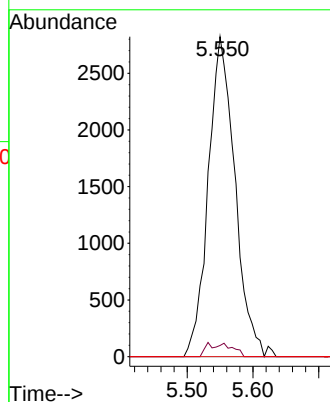
Tgt Ion:117 Resp: 7995

Ion Ratio Lower Upper

117 100

119 3.5 78.2 117.2#

121 0.0 24.4 36.6#



#48

Methyl methacrylate

Concen: 0.605 ug/l

RT: 7.714 min Scan# 1087

Delta R.T. 0.018 min

Lab File: VX043042.D

Acq: 14 Aug 2024 19:27

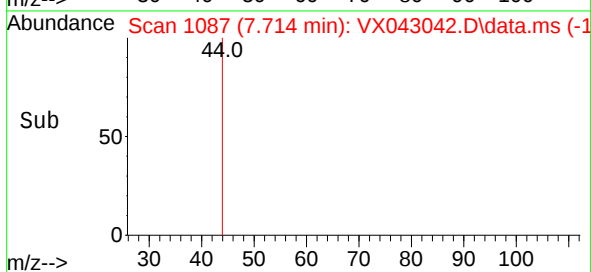
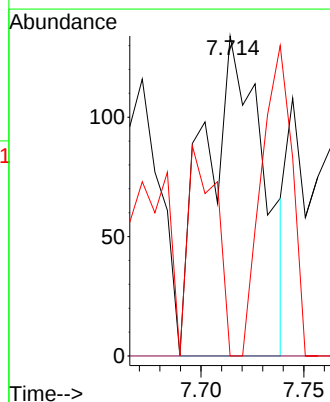
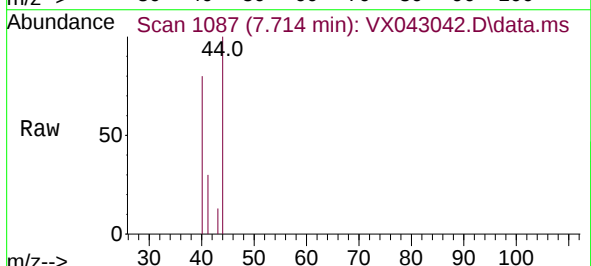
Tgt Ion: 41 Resp: 267

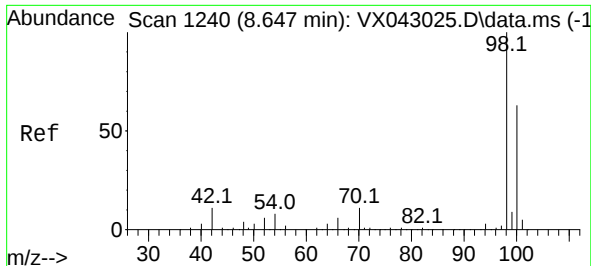
Ion Ratio Lower Upper

41 100

69 0.0 59.2 88.8#

39 31.5 47.7 71.5#

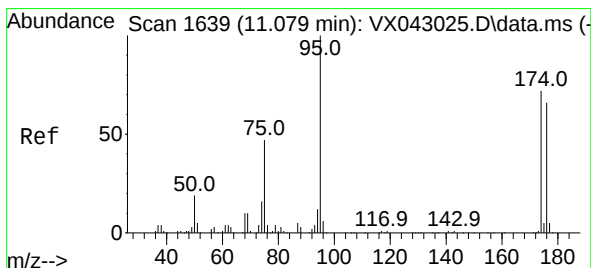
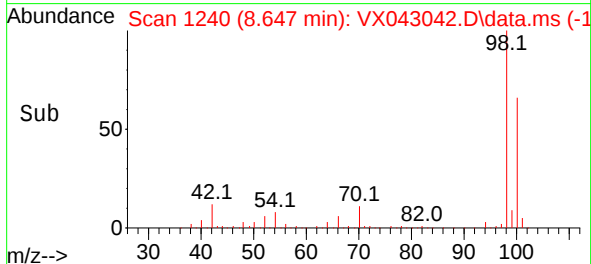
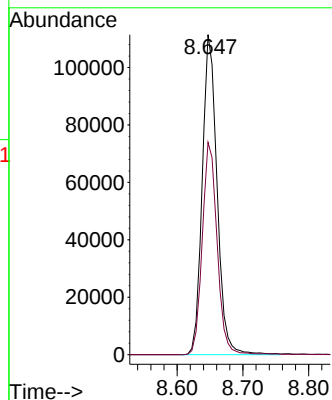
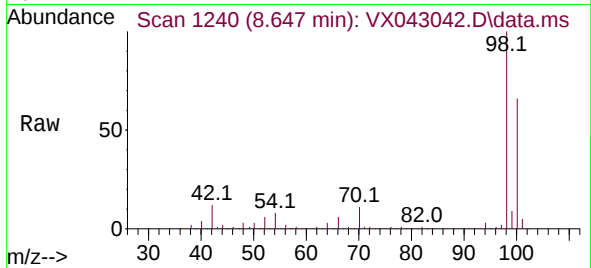




#50
Toluene-d8
Concen: 51.037 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043042.D
Acq: 14 Aug 2024 19:27

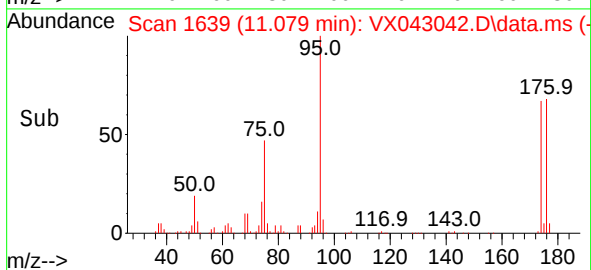
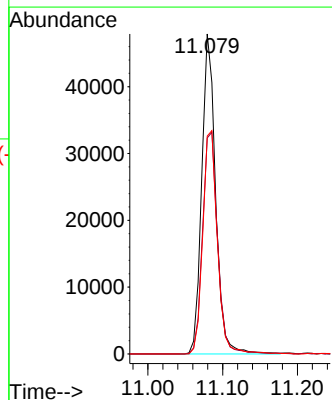
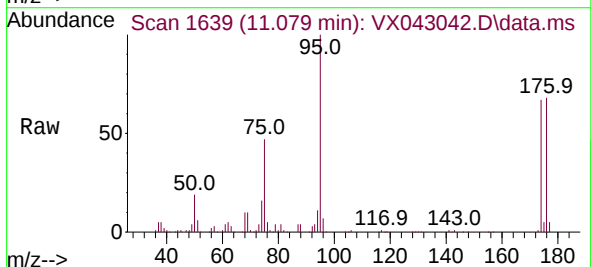
Instrument :
MSVOA_X
ClientSampleId :

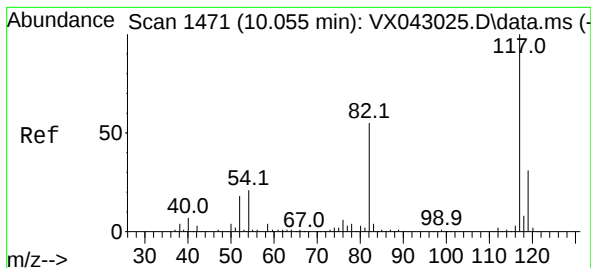
Tgt Ion: 98 Resp: 174799
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.667 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043042.D
Acq: 14 Aug 2024 19:27

Tgt Ion: 95 Resp: 61681
Ion Ratio Lower Upper
95 100
174 74.9 0.0 135.6
176 73.8 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: VX043042.D

Acq: 14 Aug 2024 19:27

Instrument :

MSVOA_X

ClientSampleId :

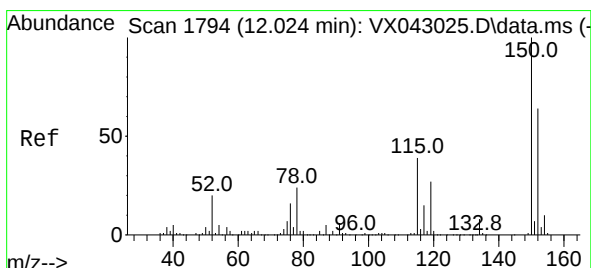
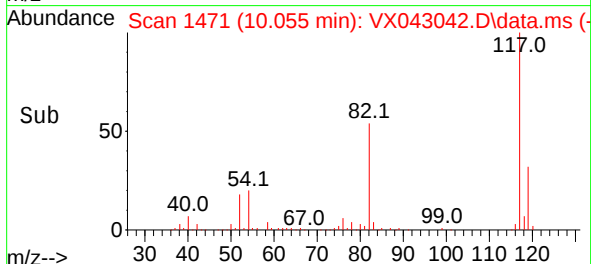
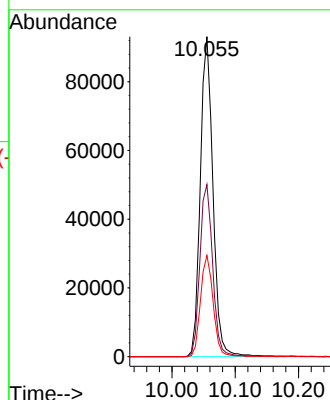
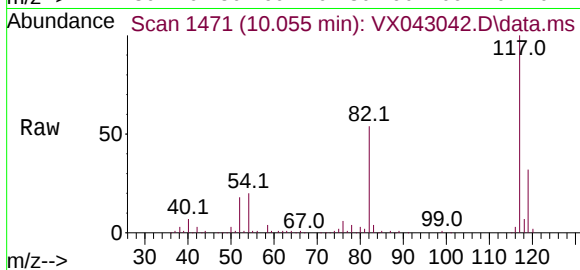
Tgt Ion:117 Resp: 129798

Ion Ratio Lower Upper

117 100

82 53.8 46.2 69.4

119 31.6 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX043042.D

Acq: 14 Aug 2024 19:27

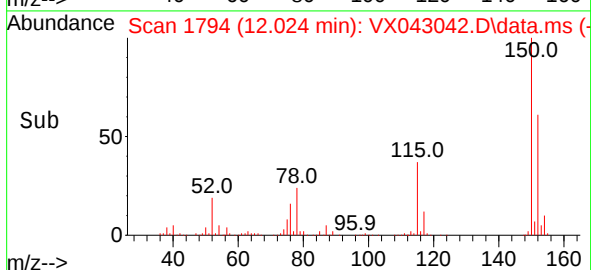
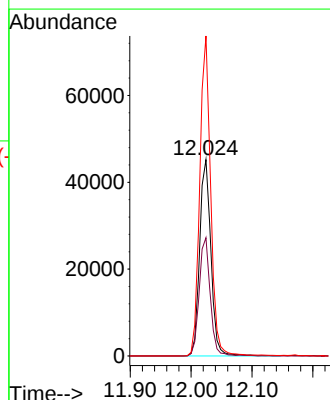
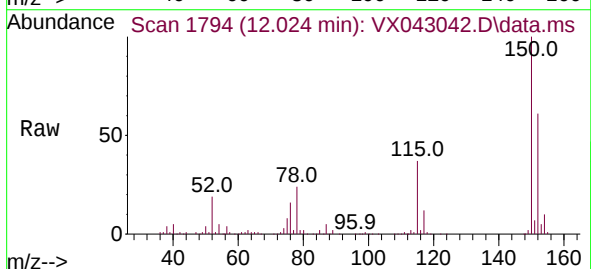
Tgt Ion:152 Resp: 58129

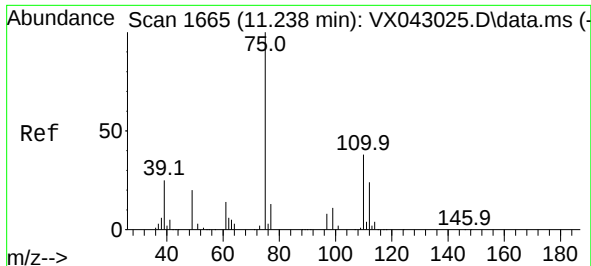
Ion Ratio Lower Upper

152 100

115 59.1 43.3 129.9

150 156.8 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 22.282 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX043042.D

Acq: 14 Aug 2024 19:27

Instrument :

MSVOA_X

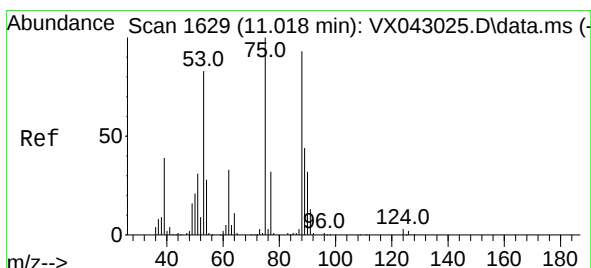
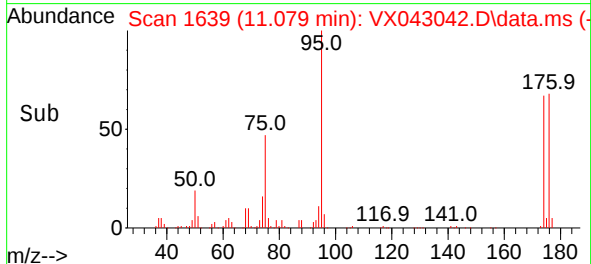
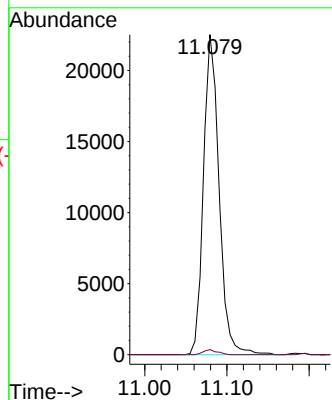
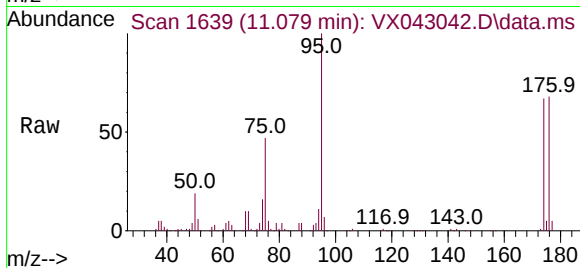
ClientSampleId :

Tgt Ion: 75 Resp: 29685

Ion Ratio Lower Upper

75 100

77 1.4 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 48.603 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX043042.D

Acq: 14 Aug 2024 19:27

Tgt Ion: 75 Resp: 29685

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

