

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081424\
 Data File : VX043041.D
 Acq On : 14 Aug 2024 19:03
 Operator : JC/MD
 Sample : P3542-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 15 04:35:26 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)

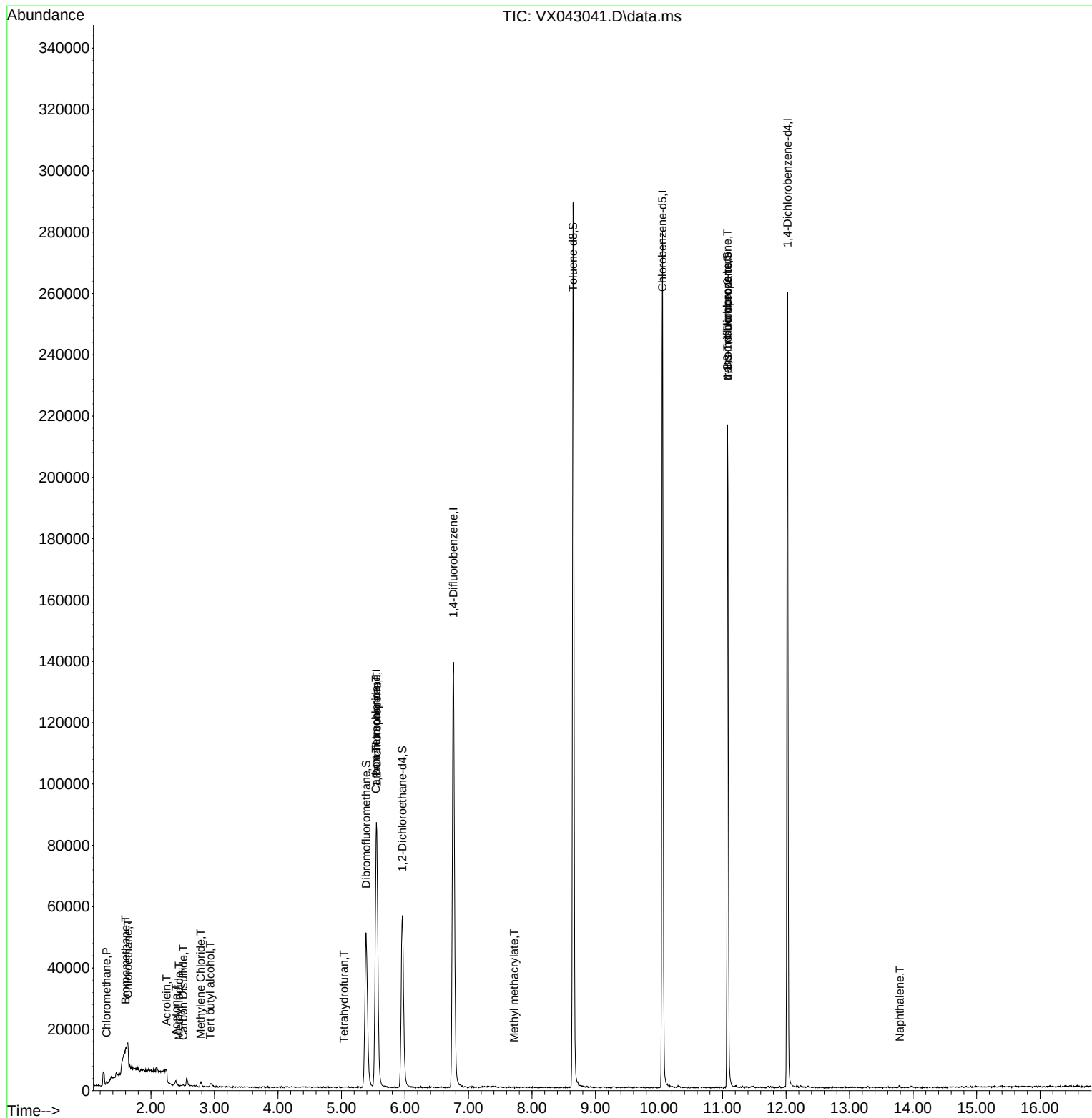
Internal Standards						
1) Pentafluorobenzene	5.550	168	85913	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	148781	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	128713	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57008	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	51289	45.433	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.860%		
35) Dibromofluoromethane	5.385	113	44502	48.350	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.700%		
50) Toluene-d8	8.647	98	177380	49.924	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.840%		
62) 4-Bromofluorobenzene	11.079	95	59632	46.287	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	92.580%		
Target Compounds						Qvalue
3) Chloromethane	1.300	50	697	0.542	ug/l	94
5) Bromomethane	1.599	94	258	0.659	ug/l	89
6) Chloroethane	1.636	64	144	0.354	ug/l #	43
10) Methyl Iodide	2.441	142	19	0.468	ug/l #	34
11) Tert butyl alcohol	2.934	59	617	2.118	ug/l #	89
13) Acrolein	2.245	56	293	0.995	ug/l #	15
16) Acetone	2.392	43	1613	2.881	ug/l	99
17) Carbon Disulfide	2.508	76	680	0.229	ug/l #	83
20) Methylene Chloride	2.782	84	863	0.667	ug/l #	77
29) Tetrahydrofuran	5.038	42	186	0.273	ug/l #	34
36) 1,1-Dichloropropene	5.556	75	6653	5.203	ug/l #	46
38) Carbon Tetrachloride	5.544	117	8284	6.407	ug/l #	15
48) Methyl methacrylate	7.720	41	93	0.474	ug/l #	46
76) 1,2,3-Trichloropropane	11.079	75	29468	22.554	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	29468	49.196	ug/l #	5
95) Naphthalene	13.792	128	858	0.204	ug/l #	80

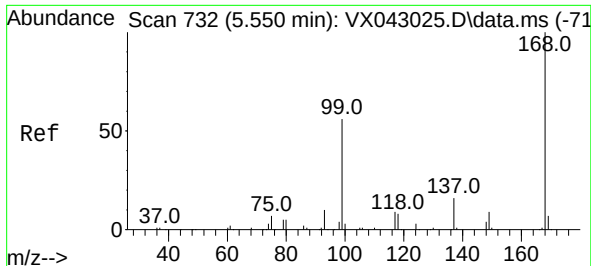
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081424\
Data File : VX043041.D
Acq On : 14 Aug 2024 19:03
Operator : JC/MD
Sample : P3542-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

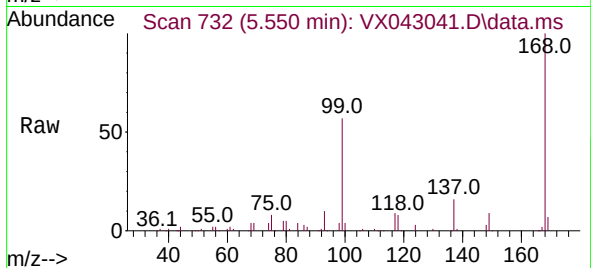
Quant Time: Aug 15 04:35:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081424W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 15 04:22:11 2024
Response via : Initial Calibration



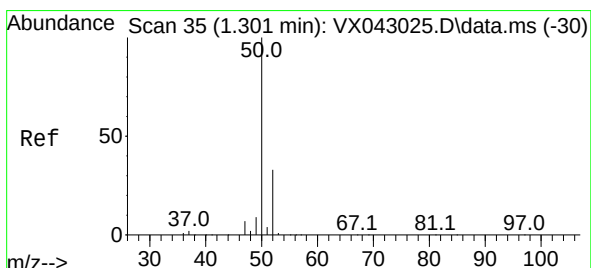
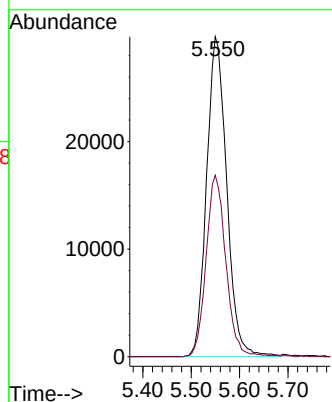
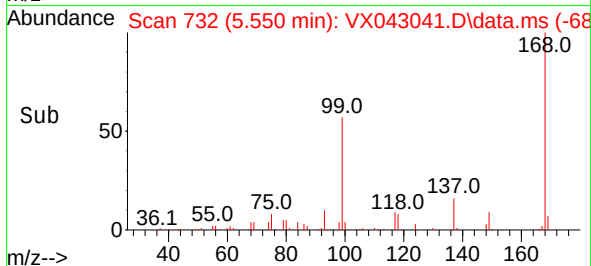


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043041.D
Acq: 14 Aug 2024 19:03

Instrument :
MSVOA_X
ClientSampleId :

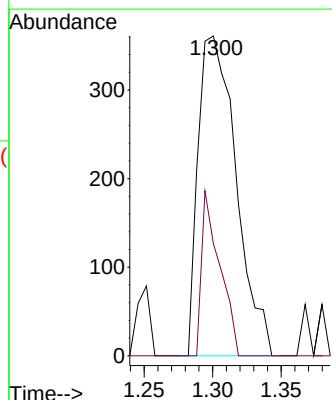
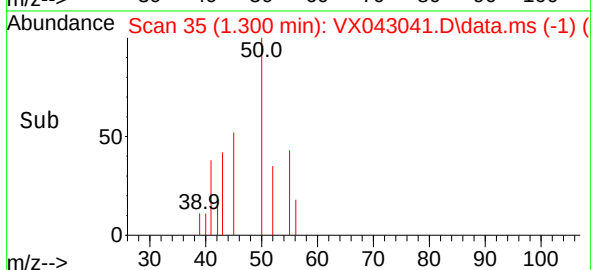
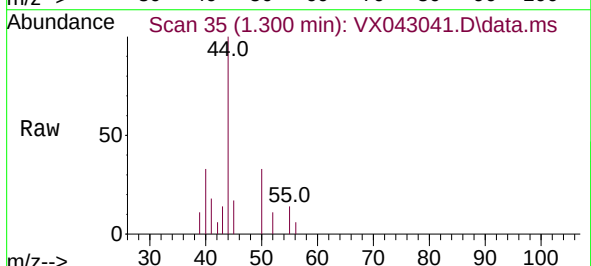


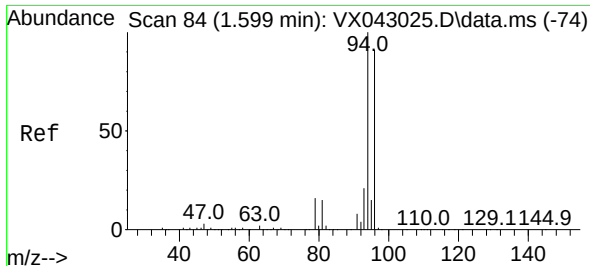
Tgt Ion:168 Resp: 85913
Ion Ratio Lower Upper
168 100
99 56.7 56.6 85.0



#3
Chloromethane
Concen: 0.542 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX043041.D
Acq: 14 Aug 2024 19:03

Tgt Ion: 50 Resp: 697
Ion Ratio Lower Upper
50 100
52 35.2 25.5 38.3

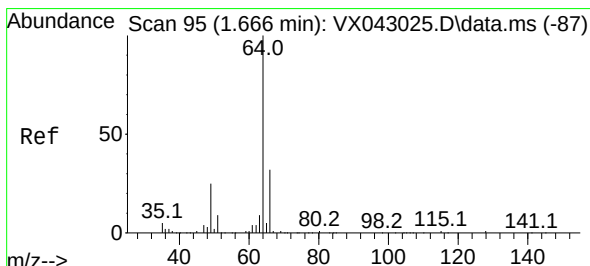
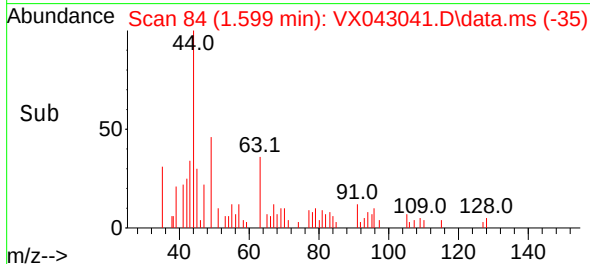
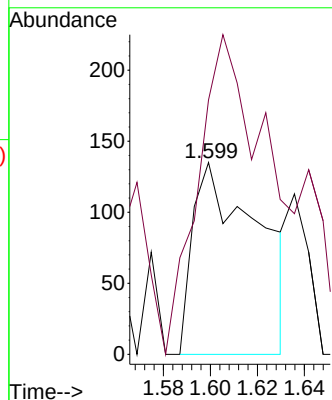
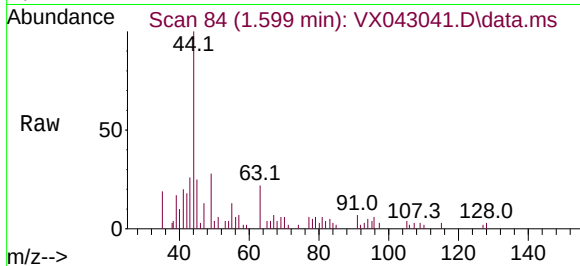




#5
 Bromomethane
 Concen: 0.659 ug/l
 RT: 1.599 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VX043041.D
 Acq: 14 Aug 2024 19:03

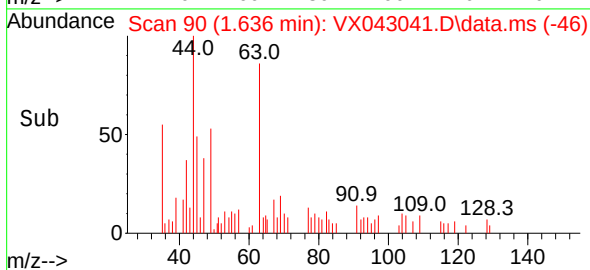
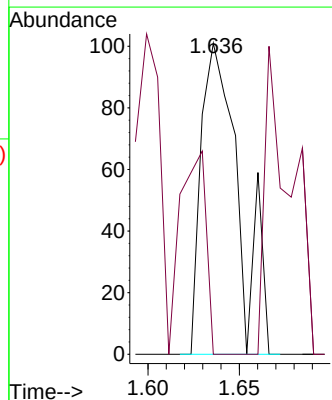
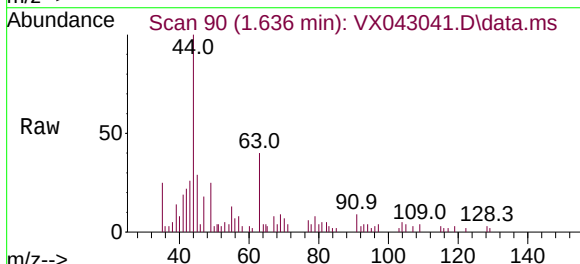
Instrument :
 MSVOA_X
 ClientSampleId :

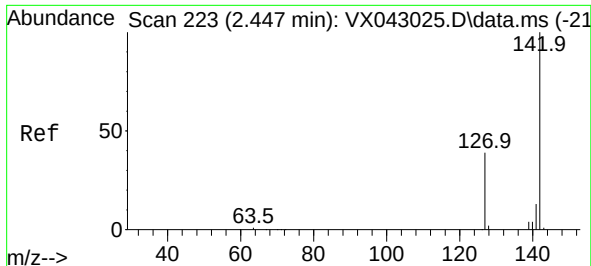
Tgt Ion: 94 Resp: 258
 Ion Ratio Lower Upper
 94 100
 96 82.2 74.6 111.8



#6
 Chloroethane
 Concen: 0.354 ug/l
 RT: 1.636 min Scan# 90
 Delta R.T. -0.031 min
 Lab File: VX043041.D
 Acq: 14 Aug 2024 19:03

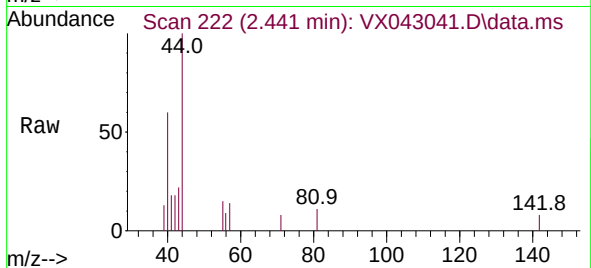
Tgt Ion: 64 Resp: 144
 Ion Ratio Lower Upper
 64 100
 66 0.0 25.1 37.7#



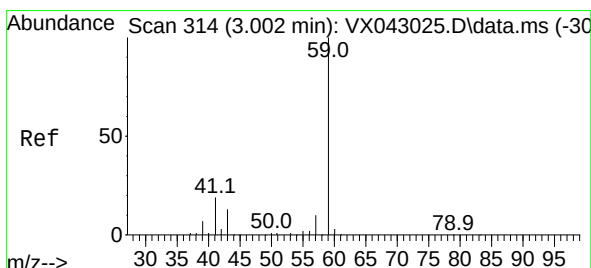
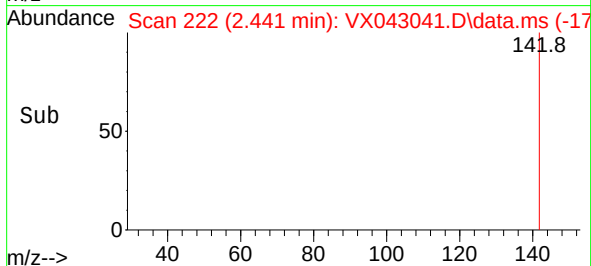
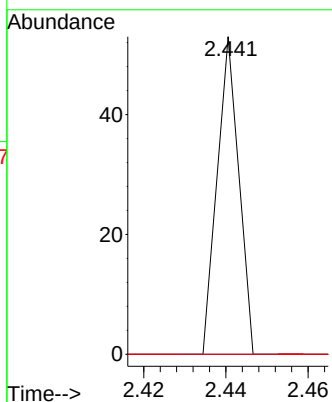


#10
Methyl Iodide
Concen: 0.468 ug/l
RT: 2.441 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX043041.D
Acq: 14 Aug 2024 19:03

Instrument :
MSVOA_X
ClientSampleId :

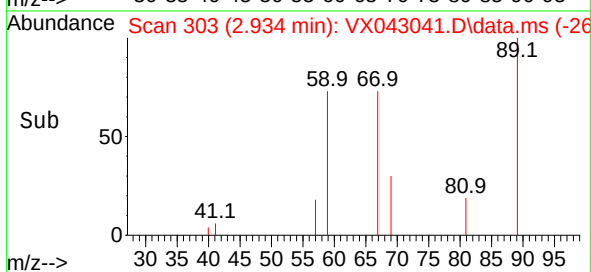
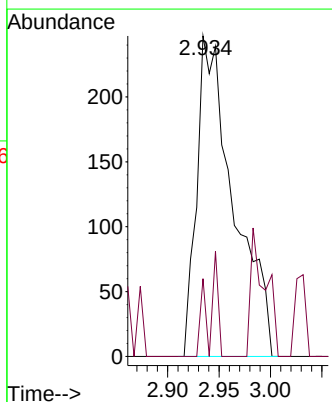
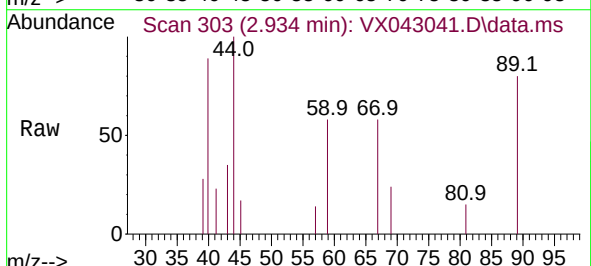


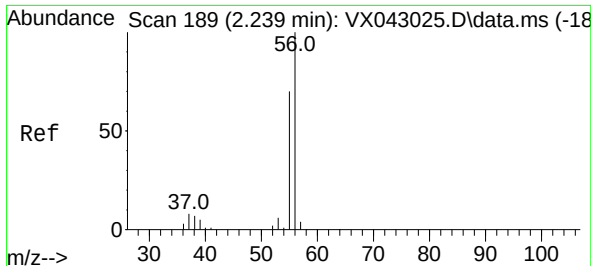
Tgt Ion:142 Resp: 19
Ion Ratio Lower Upper
142 100
127 0.0 41.6 62.4#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 2.118 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.067 min
Lab File: VX043041.D
Acq: 14 Aug 2024 19:03

Tgt Ion: 59 Resp: 617
Ion Ratio Lower Upper
59 100
57 3.6 6.0 9.0#





#13

Acrolein

Concen: 0.995 ug/l

RT: 2.245 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX043041.D

Acq: 14 Aug 2024 19:03

Instrument :

MSVOA_X

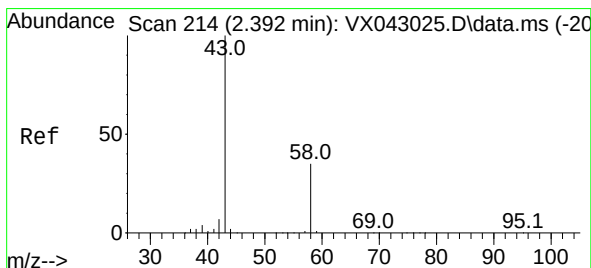
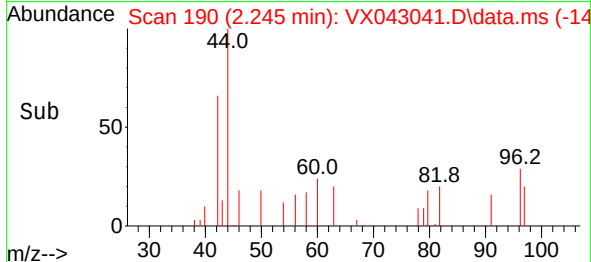
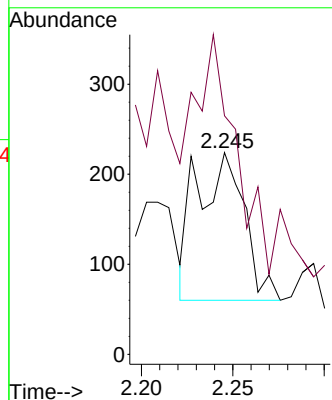
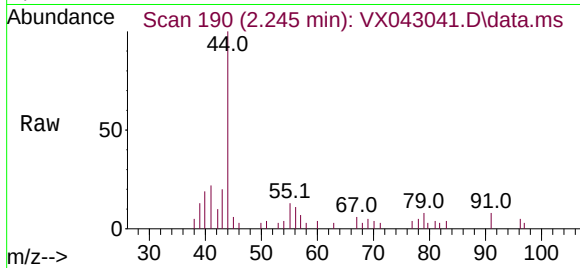
ClientSampleId :

Tgt Ion: 56 Resp: 293

Ion Ratio Lower Upper

56 100

55 141.6 57.1 85.7#



#16

Acetone

Concen: 2.881 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX043041.D

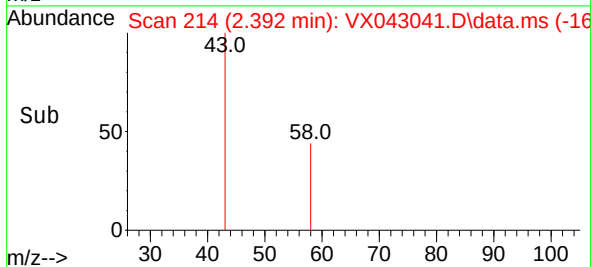
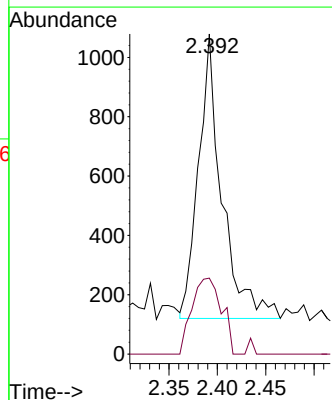
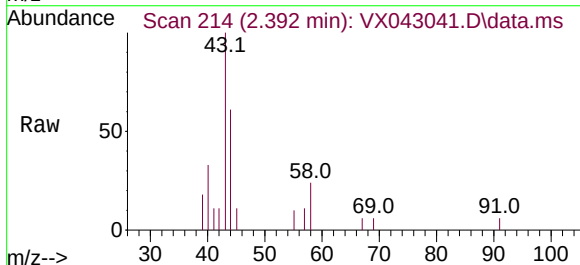
Acq: 14 Aug 2024 19:03

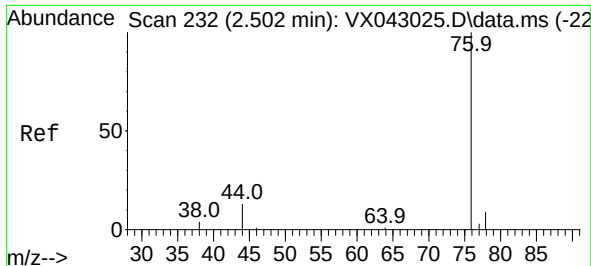
Tgt Ion: 43 Resp: 1613

Ion Ratio Lower Upper

43 100

58 26.7 21.9 32.9





#17

Carbon Disulfide

Concen: 0.229 ug/l

RT: 2.508 min Scan# 24

Delta R.T. 0.006 min

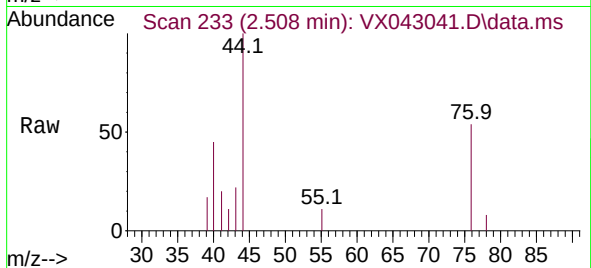
Lab File: VX043041.D

Acq: 14 Aug 2024 19:03

Instrument :

MSVOA_X

ClientSampleId :

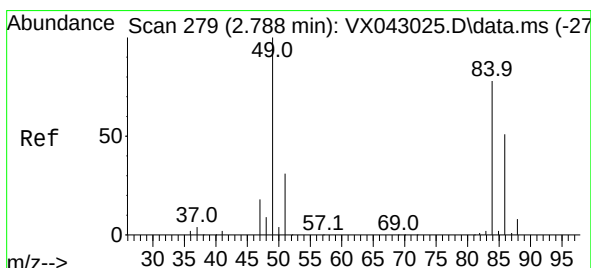
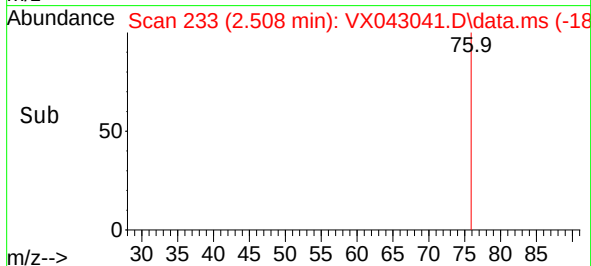
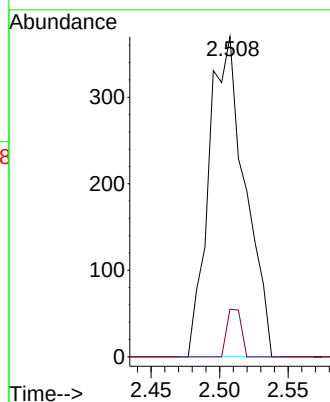


Tgt Ion: 76 Resp: 680

Ion Ratio Lower Upper

76 100

78 14.9 7.0 10.6#



#20

Methylene Chloride

Concen: 0.667 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX043041.D

Acq: 14 Aug 2024 19:03

Tgt Ion: 84 Resp: 863

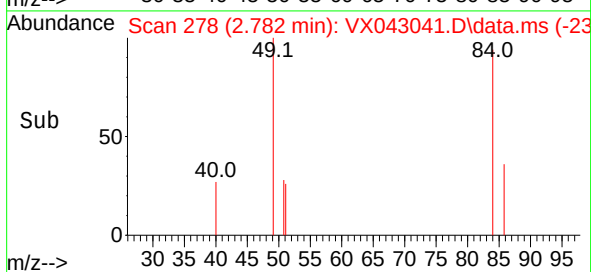
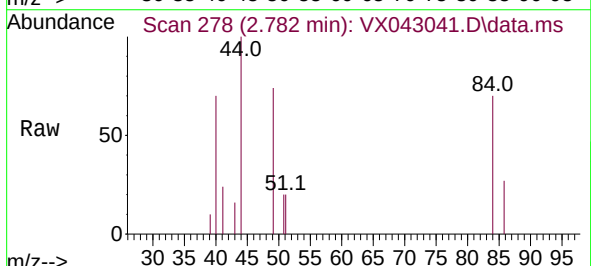
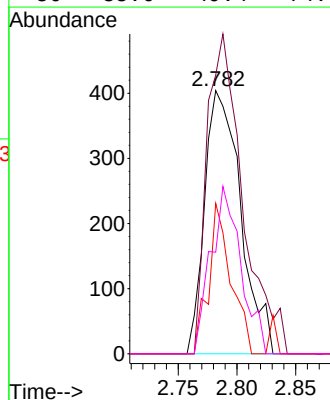
Ion Ratio Lower Upper

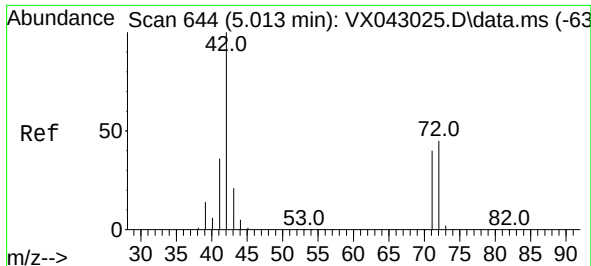
84 100

49 105.9 103.6 155.4

51 57.2 33.8 50.6#

86 38.6 49.4 74.0#





#29

Tetrahydrofuran

Concen: 0.273 ug/l

RT: 5.038 min Scan# 644

Delta R.T. 0.024 min

Lab File: VX043041.D

Acq: 14 Aug 2024 19:03

Instrument :

MSVOA_X

ClientSampleId :

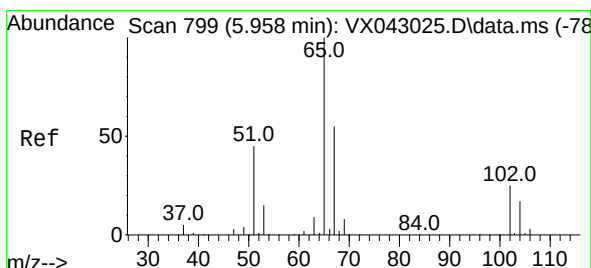
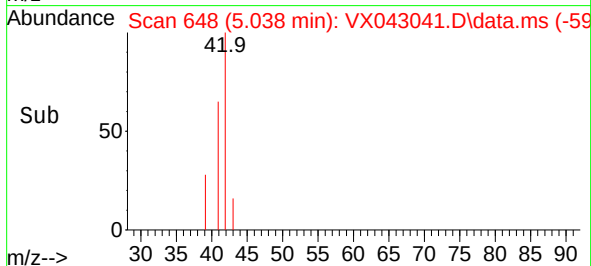
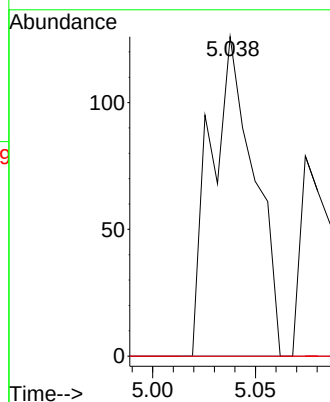
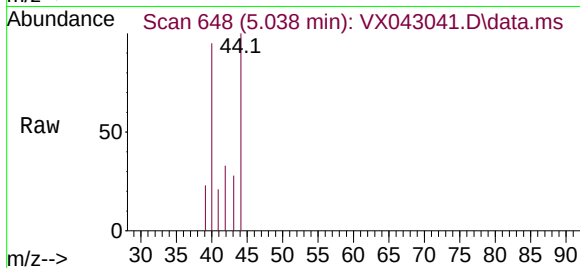
Tgt Ion: 42 Resp: 186

Ion Ratio Lower Upper

42 100

72 0.0 34.2 51.4#

71 0.0 32.2 48.2#



#33

1,2-Dichloroethane-d4

Concen: 45.433 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX043041.D

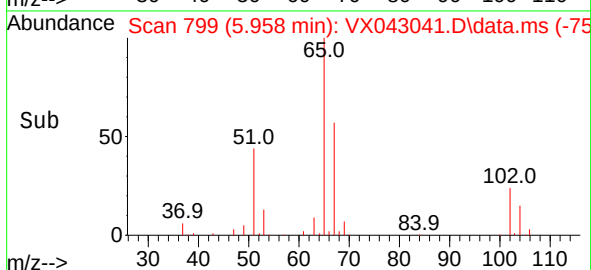
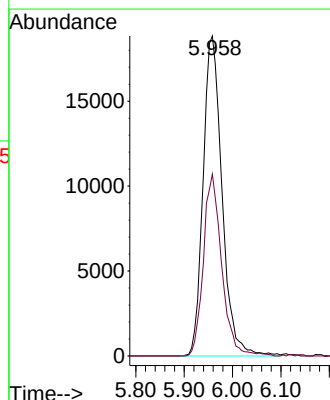
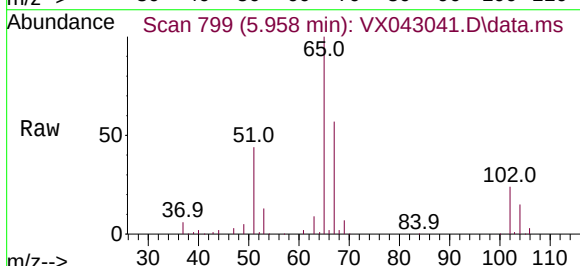
Acq: 14 Aug 2024 19:03

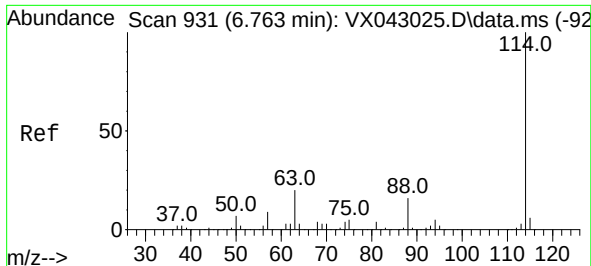
Tgt Ion: 65 Resp: 51289

Ion Ratio Lower Upper

65 100

67 54.8 0.0 100.2

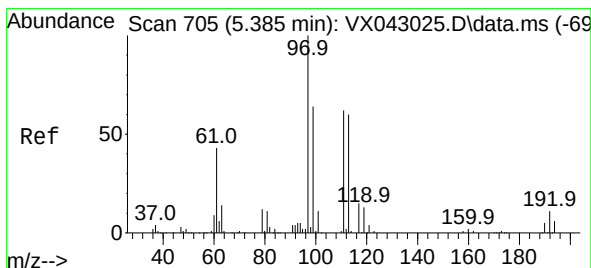
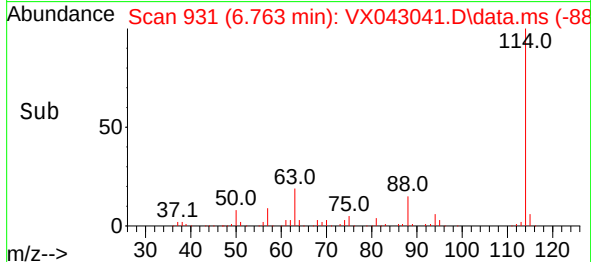
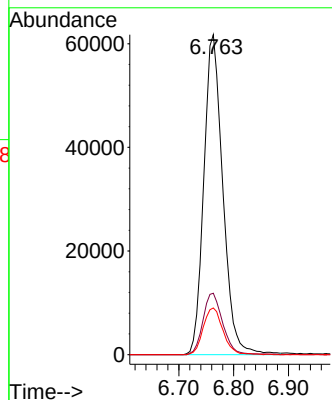
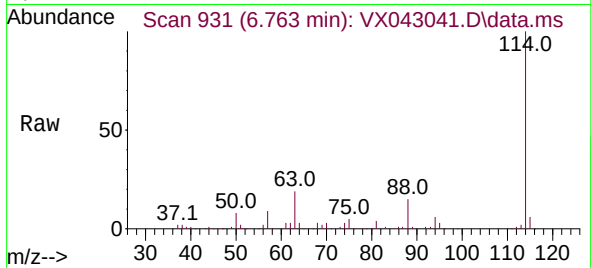




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX043041.D
Acq: 14 Aug 2024 19:03

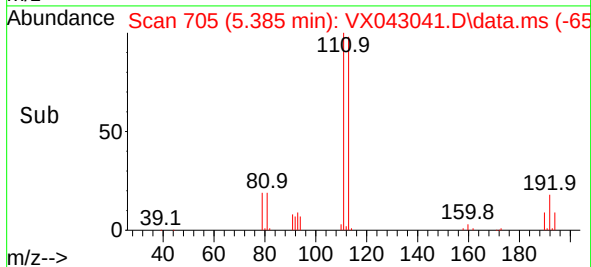
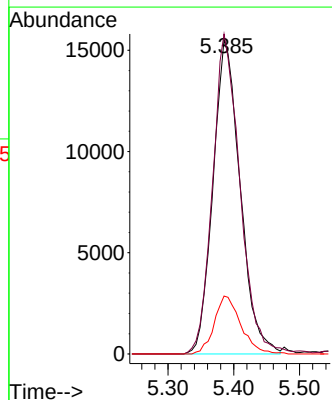
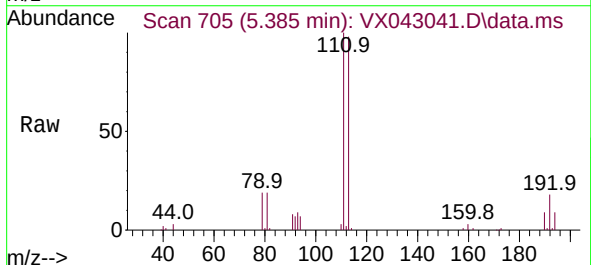
Instrument :
MSVOA_X
ClientSampleId :

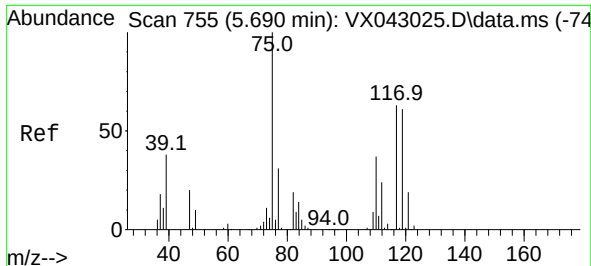
Tgt Ion:114 Resp: 148781
Ion Ratio Lower Upper
114 100
63 19.2 0.0 45.0
88 14.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.350 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX043041.D
Acq: 14 Aug 2024 19:03

Tgt Ion:113 Resp: 44502
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 18.1 13.3 19.9





#36

1,1-Dichloropropene

Concen: 5.203 ug/l

RT: 5.556 min Scan# 74

Delta R.T. -0.134 min

Lab File: VX043041.D

Acq: 14 Aug 2024 19:03

Instrument :

MSVOA_X

ClientSampleId :

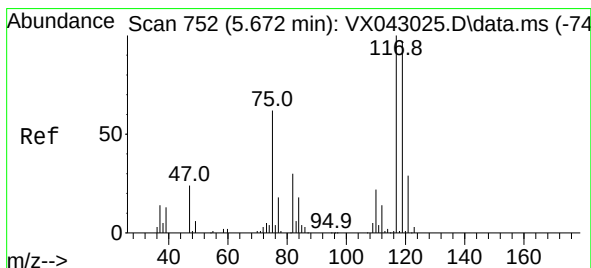
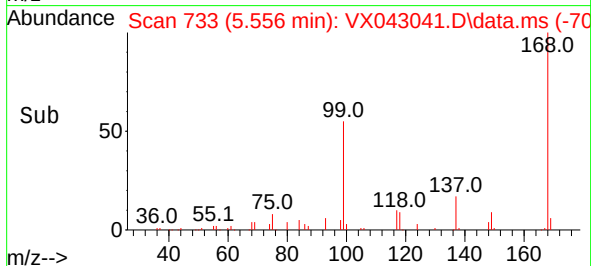
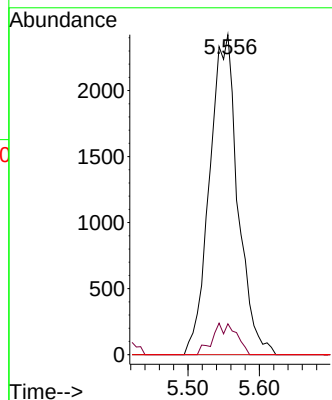
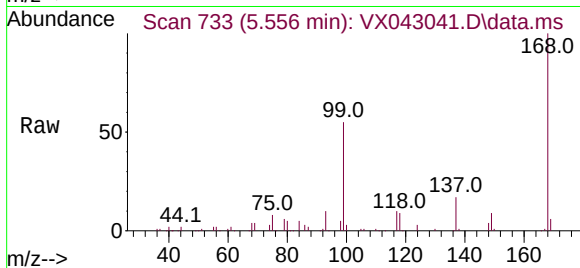
Tgt Ion: 75 Resp: 6653

Ion Ratio Lower Upper

75 100

110 4.2 17.0 50.9#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.407 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.128 min

Lab File: VX043041.D

Acq: 14 Aug 2024 19:03

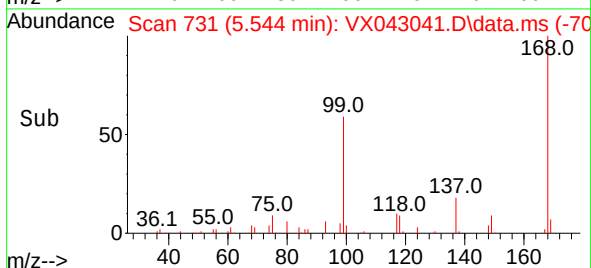
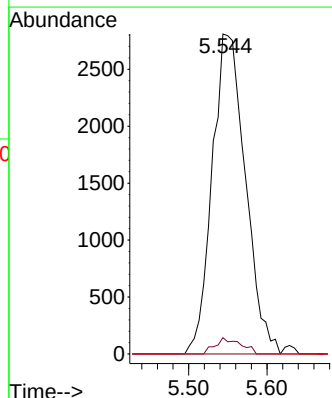
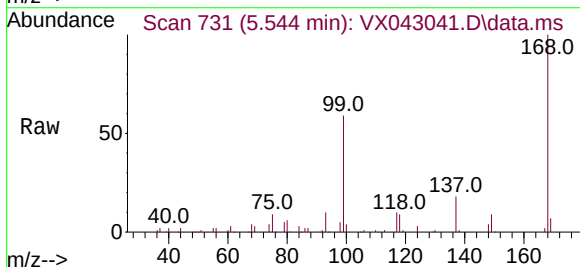
Tgt Ion: 117 Resp: 8284

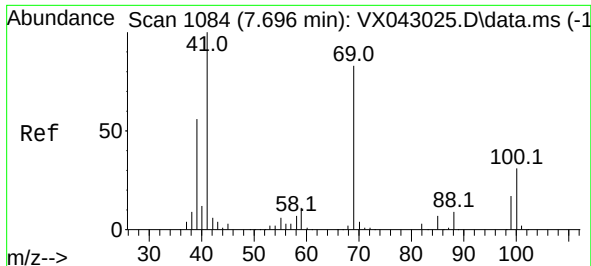
Ion Ratio Lower Upper

117 100

119 5.1 78.2 117.2#

121 0.0 24.4 36.6#





#48

Methyl methacrylate

Concen: 0.474 ug/l

RT: 7.720 min Scan# 1

Delta R.T. 0.024 min

Lab File: VX043041.D

Acq: 14 Aug 2024 19:03

Instrument :

MSVOA_X

ClientSampleId :

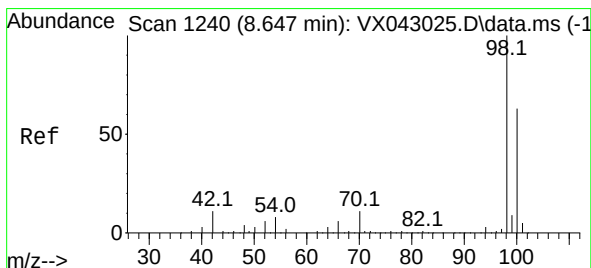
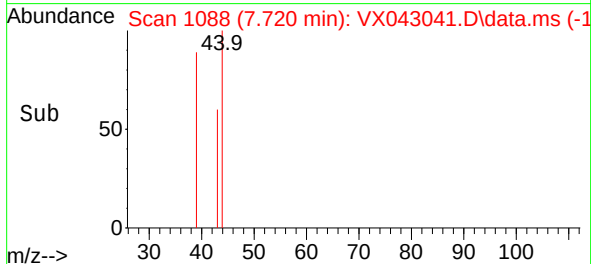
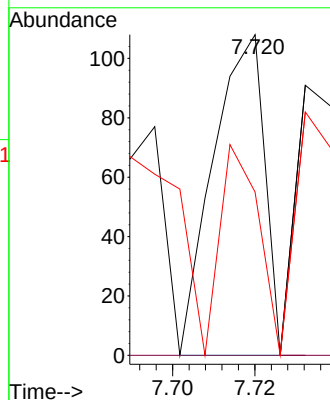
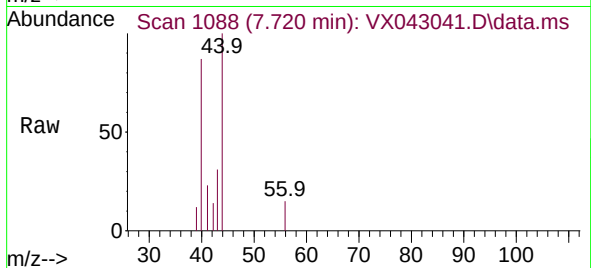
Tgt Ion: 41 Resp: 93

Ion Ratio Lower Upper

41 100

69 0.0 59.2 88.8#

39 49.5 47.7 71.5



#50

Toluene-d8

Concen: 49.924 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX043041.D

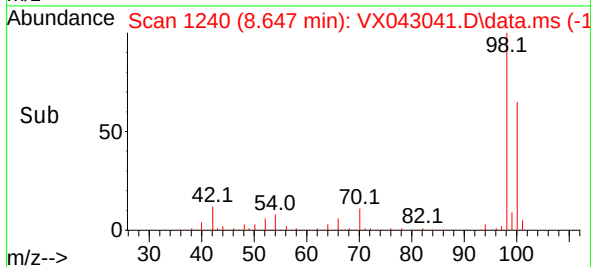
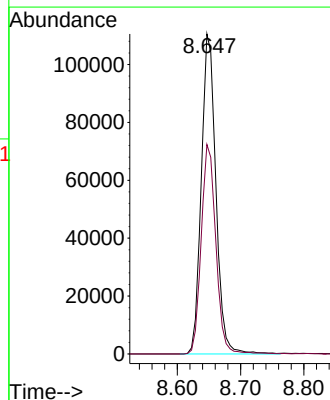
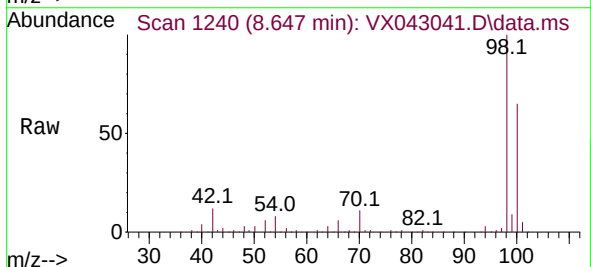
Acq: 14 Aug 2024 19:03

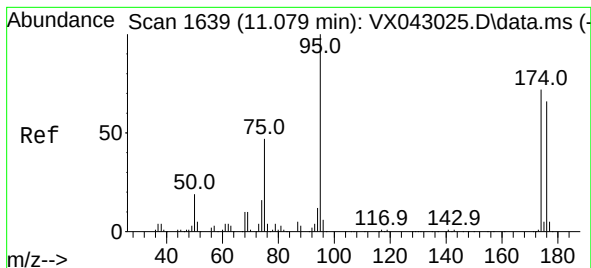
Tgt Ion: 98 Resp: 177380

Ion Ratio Lower Upper

98 100

100 65.8 53.1 79.7

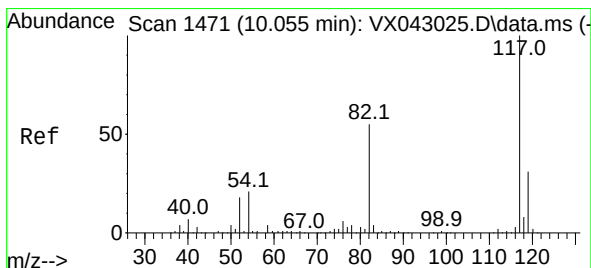
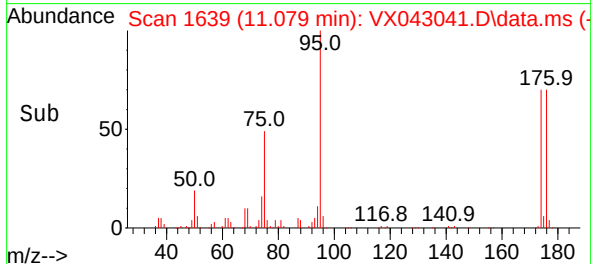
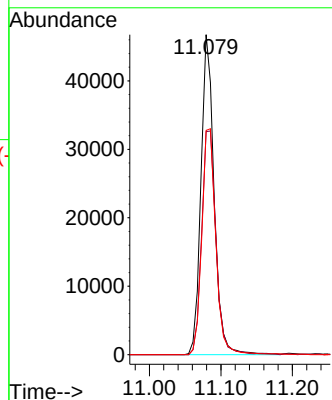
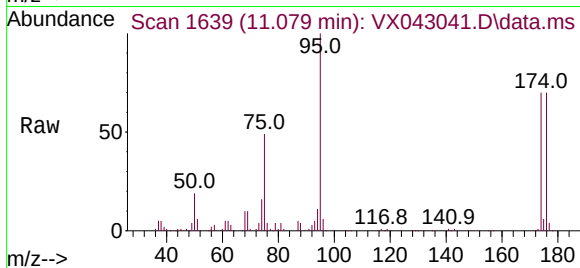




#62
4-Bromofluorobenzene
Concen: 46.287 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043041.D
Acq: 14 Aug 2024 19:03

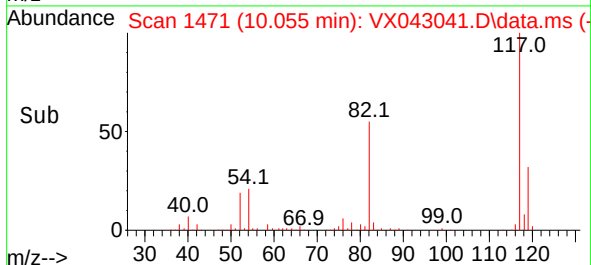
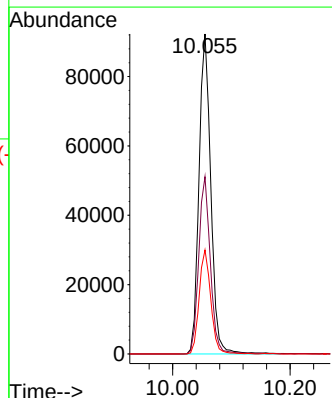
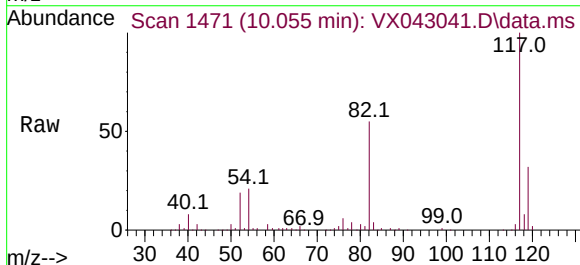
Instrument :
MSVOA_X
ClientSampleId :

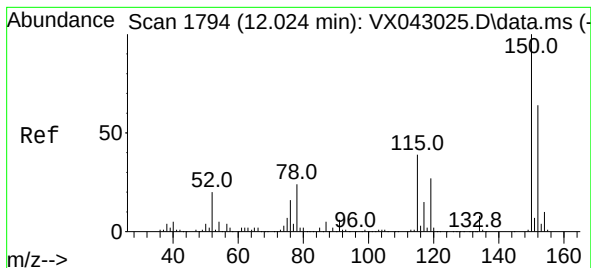
Tgt Ion: 95 Resp: 59632
Ion Ratio Lower Upper
95 100
174 76.1 0.0 135.6
176 75.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043041.D
Acq: 14 Aug 2024 19:03

Tgt Ion: 117 Resp: 128713
Ion Ratio Lower Upper
117 100
82 55.4 46.2 69.4
119 32.5 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043041.D

Acq: 14 Aug 2024 19:03

Instrument :

MSVOA_X

ClientSampleId :

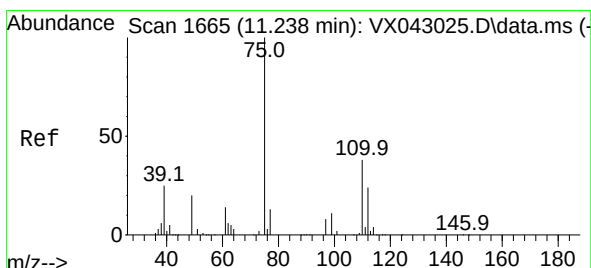
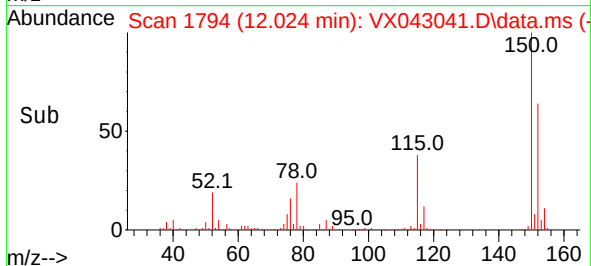
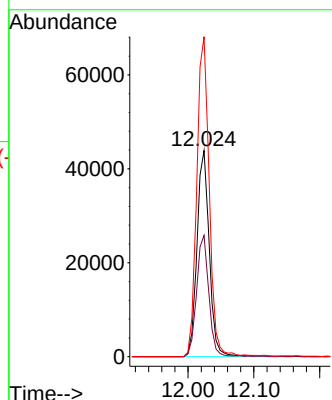
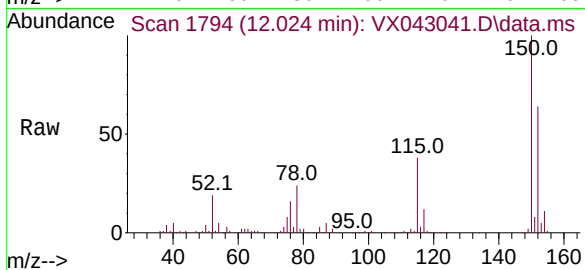
Tgt Ion:152 Resp: 57008

Ion Ratio Lower Upper

152 100

115 58.5 43.3 129.9

150 157.5 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.554 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX043041.D

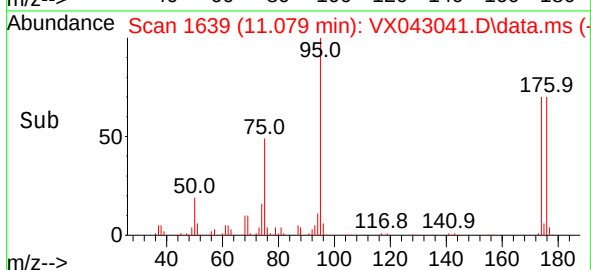
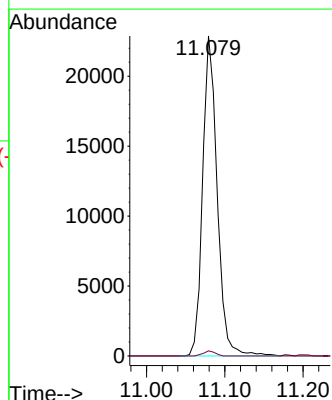
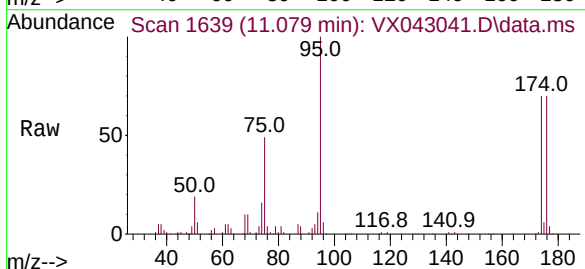
Acq: 14 Aug 2024 19:03

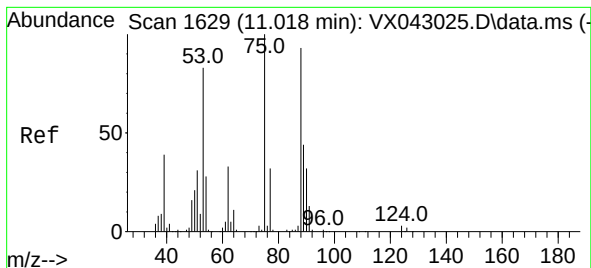
Tgt Ion: 75 Resp: 29468

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#

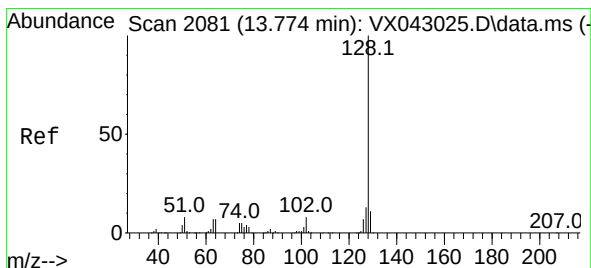
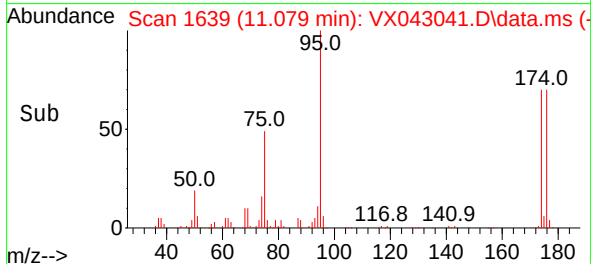
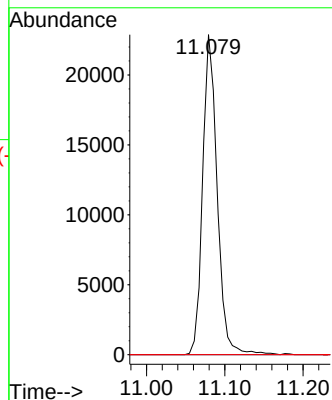
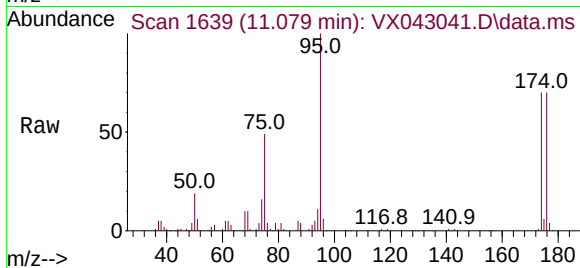




#81
trans-1,4-Dichloro-2-butene
Concen: 49.196 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX043041.D
Acq: 14 Aug 2024 19:03

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 29468
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 0.204 ug/l
RT: 13.792 min Scan# 2084
Delta R.T. 0.018 min
Lab File: VX043041.D
Acq: 14 Aug 2024 19:03

Tgt Ion:128 Resp: 858
Ion Ratio Lower Upper
128 100
127 2.2 10.3 15.5#
129 6.5 8.8 13.2#

