

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010622\
 Data File : VX026386.D
 Acq On : 06 Jan 2022 20:08
 Operator : JC/MD
 Sample : N1020-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 07 04:19:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

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

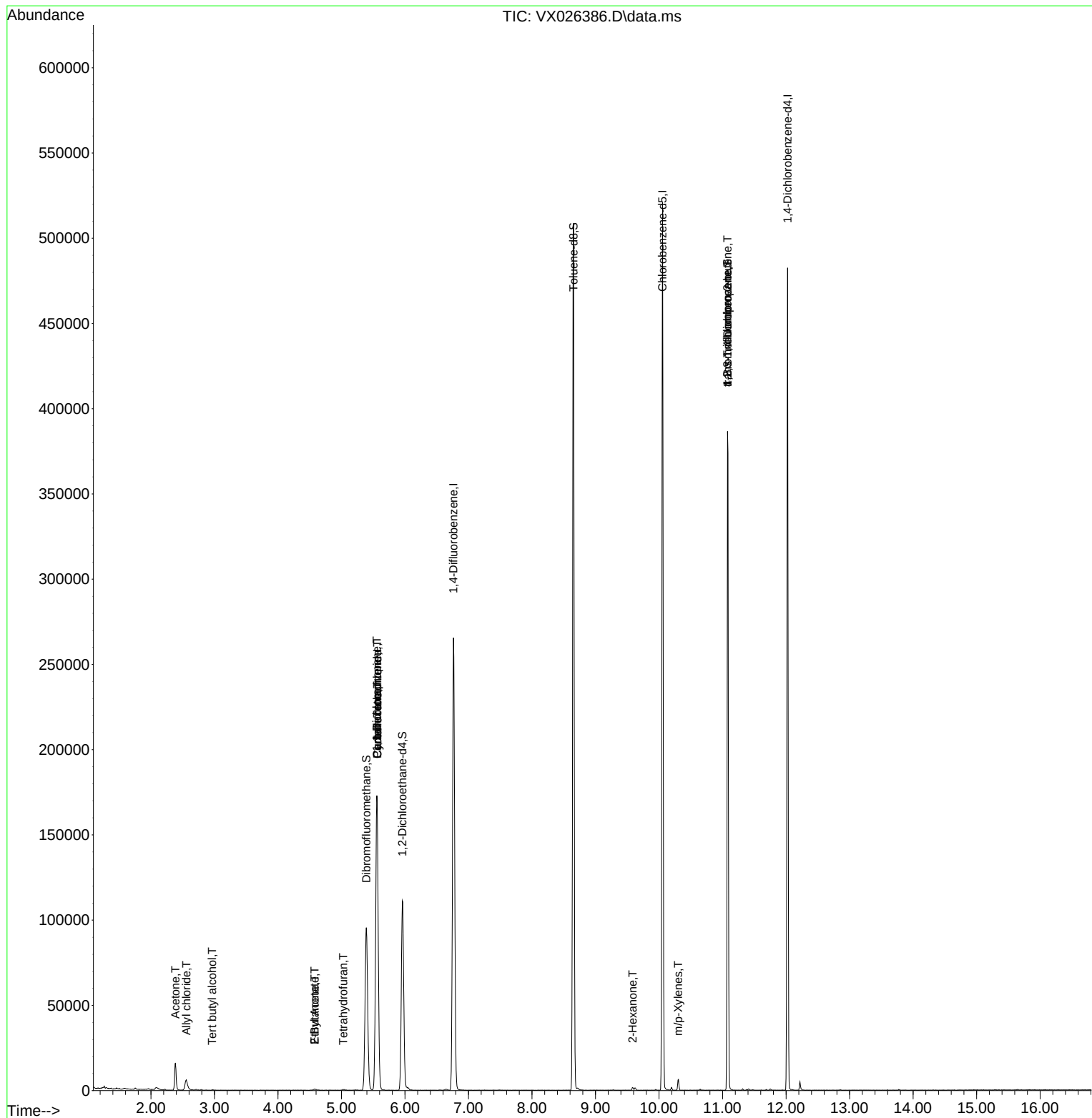
Internal Standards						
1) Pentafluorobenzene	5.562	168	156944	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	261640	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	219830	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92809	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	111451	49.086	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.180%
35) Dibromofluoromethane	5.391	113	83275	48.956	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.920%
50) Toluene-d8	8.653	98	299528	47.340	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.680%
62) 4-Bromofluorobenzene	11.079	95	108039	47.967	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.940%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	359	0.792	ug/l #	73
14) Allyl chloride	2.556	41	963	0.280	ug/l #	68
16) Acetone	2.386	43	18052	14.674	ug/l	93
20) Methylene Chloride	2.794	84	161	Below Cal	#	84
25) 2-Butanone	4.574	43	1509	0.881	ug/l	99
29) Tetrahydrofuran	5.025	42	233	0.216	ug/l #	32
31) Cyclohexane	5.562	56	3578	1.107	ug/l #	7
36) 1,1-Dichloropropene	5.556	75	13399	4.884	ug/l #	49
37) Ethyl Acetate	4.574	43	1509	0.474	ug/l #	69
38) Carbon Tetrachloride	5.562	117	16805	5.507	ug/l #	15
59) 2-Hexanone	9.586	43	1269	0.519	ug/l #	25
68) m/p-Xylenes	10.299	106	1649	0.511	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	56181	25.079	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	56181	72.553	ug/l #	10

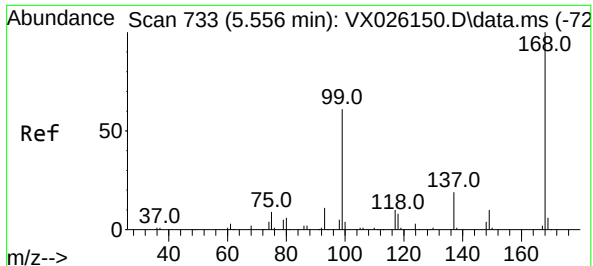
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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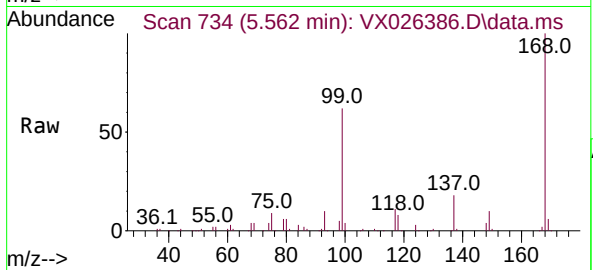
Quant Time: Jan 07 04:19:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
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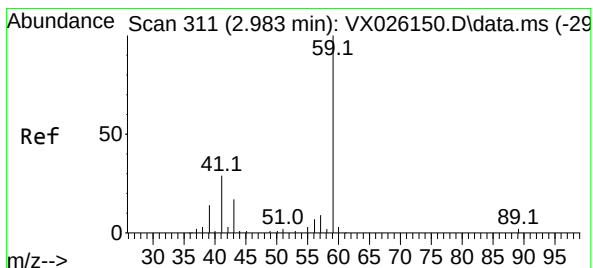
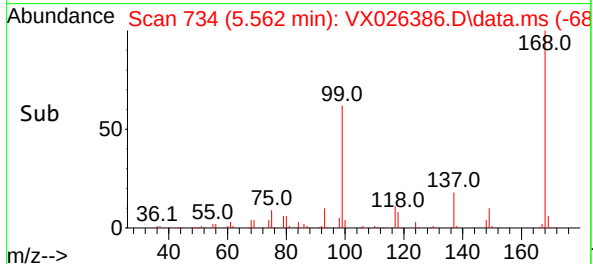
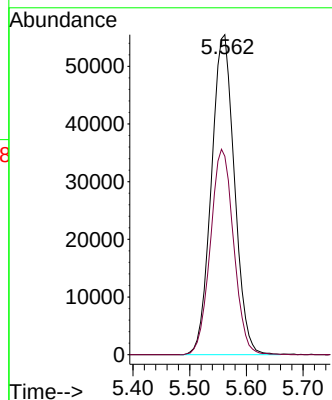


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026386.D
Acq: 06 Jan 2022 20:08

Instrument :
MSVOA_X
ClientSampleId :

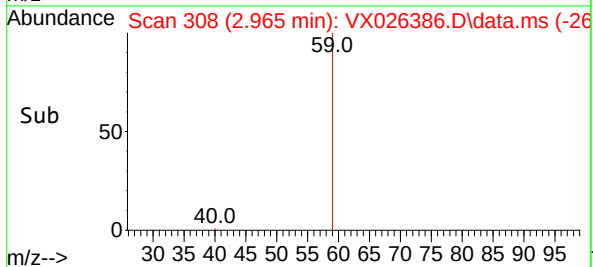
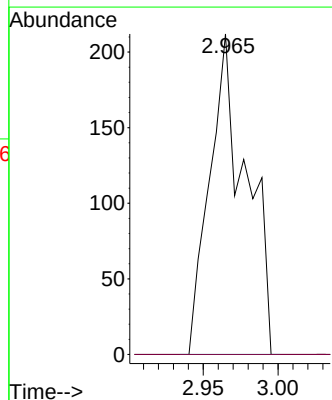
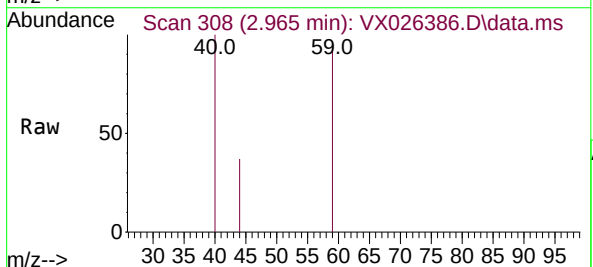


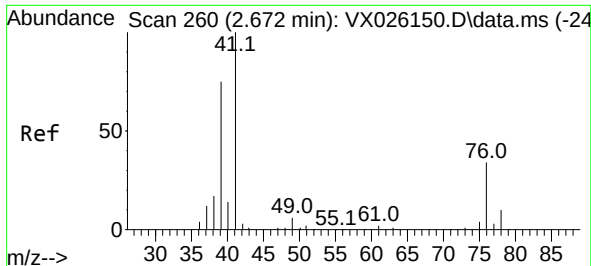
Tgt Ion:168 Resp: 156944
Ion Ratio Lower Upper
168 100
99 62.0 45.8 68.8



#11
Tert butyl alcohol
Concen: 0.792 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX026386.D
Acq: 06 Jan 2022 20:08

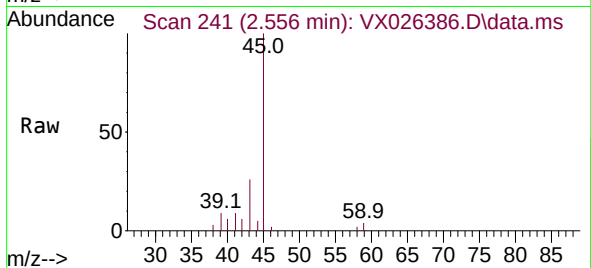
Tgt Ion: 59 Resp: 359
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



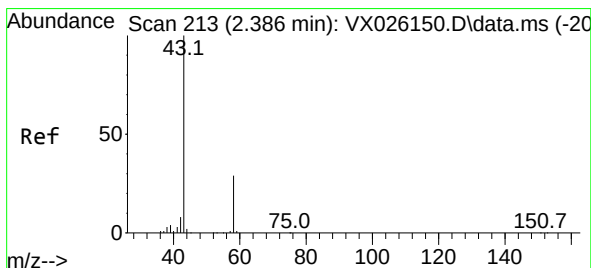
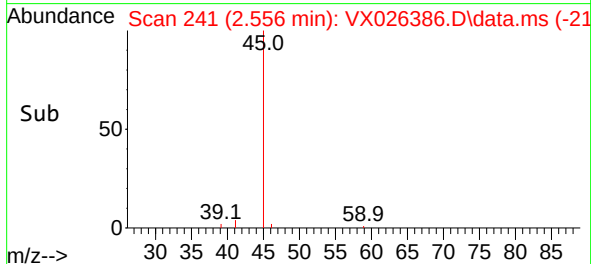
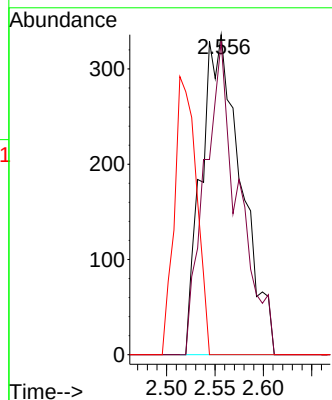


#14
 Allyl chloride
 Concen: 0.280 ug/l
 RT: 2.556 min Scan# 241
 Delta R.T. -0.116 min
 Lab File: VX026386.D
 Acq: 06 Jan 2022 20:08

Instrument :
 MSVOA_X
 ClientSampleId :

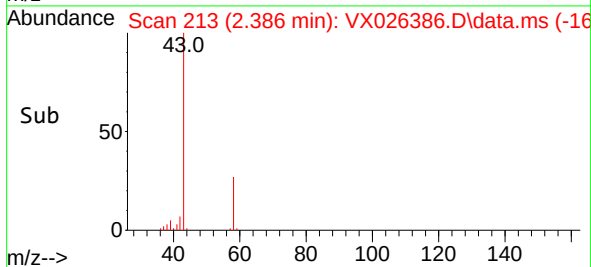
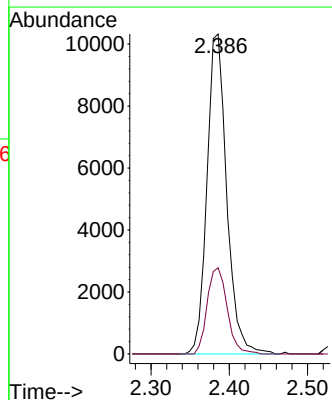
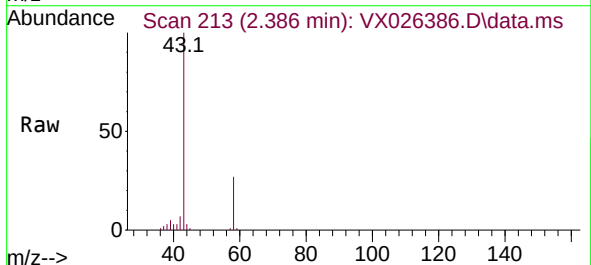


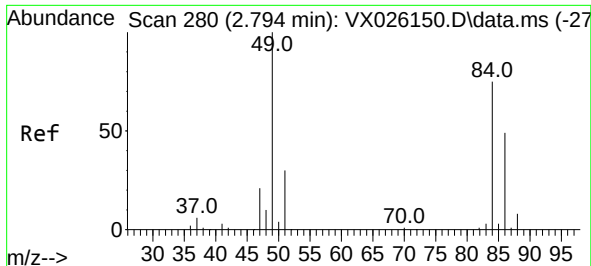
Tgt Ion: 41 Resp: 963
 Ion Ratio Lower Upper
 41 100
 39 83.4 55.4 83.0#
 76 0.0 27.6 41.4#



#16
 Acetone
 Concen: 14.674 ug/l
 RT: 2.386 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VX026386.D
 Acq: 06 Jan 2022 20:08

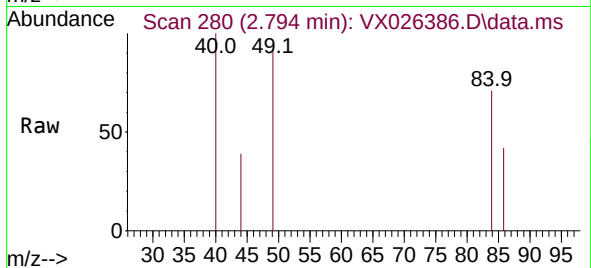
Tgt Ion: 43 Resp: 18052
 Ion Ratio Lower Upper
 43 100
 58 27.0 24.8 37.2



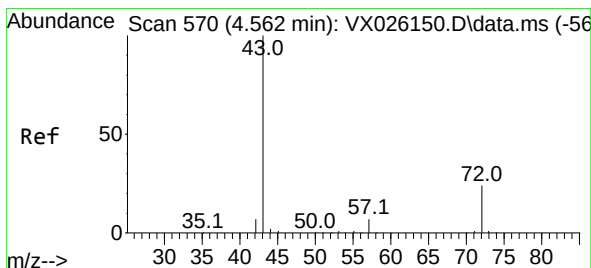
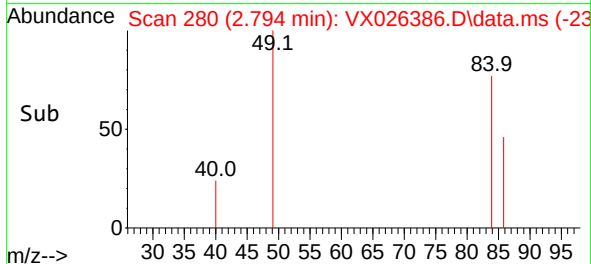
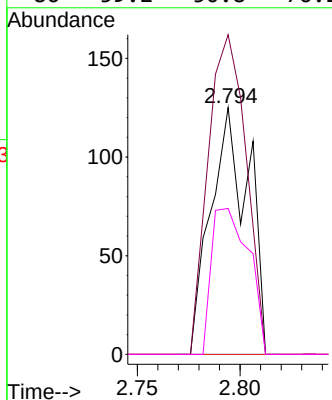


#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX026386.D
Acq: 06 Jan 2022 20:08

Instrument :
MSVOA_X
ClientSampleId :

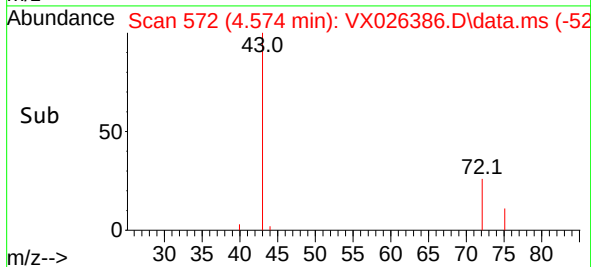
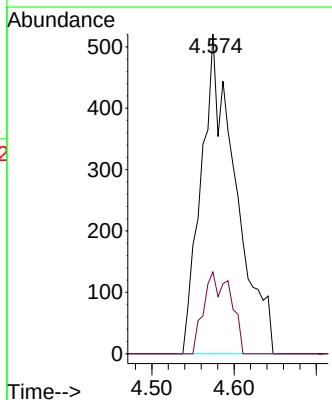
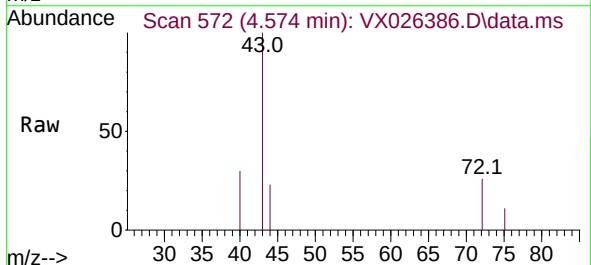


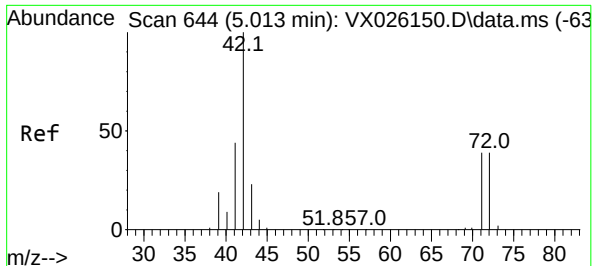
Tgt Ion:	84	Resp:	161
Ion	Ratio	Lower	Upper
84	100		
49	129.6	97.1	145.7
51	0.0	29.3	43.9#
86	59.2	50.8	76.2



#25
2-Butanone
Concen: 0.881 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX026386.D
Acq: 06 Jan 2022 20:08

Tgt Ion:	43	Resp:	1509
Ion	Ratio	Lower	Upper
43	100		
72	25.5	21.0	31.4





#29

Tetrahydrofuran

Concen: 0.216 ug/l

RT: 5.025 min Scan# 64

Delta R.T. 0.012 min

Lab File: VX026386.D

Acq: 06 Jan 2022 20:08

Instrument :

MSVOA_X

ClientSampleId :

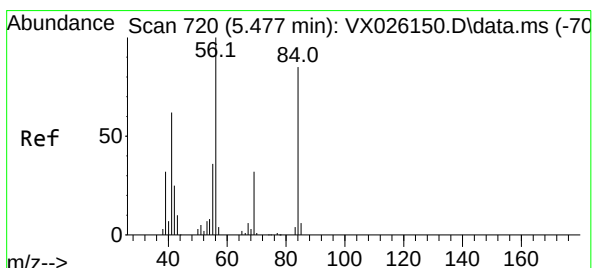
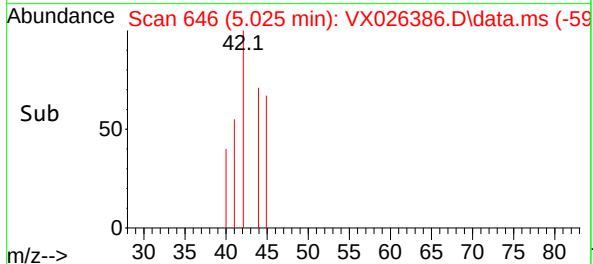
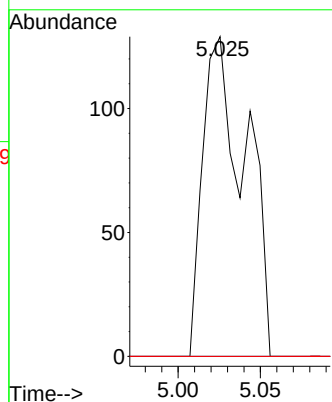
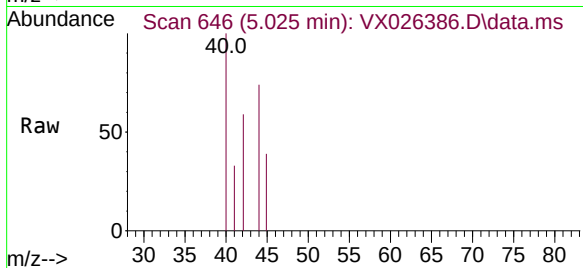
Tgt Ion: 42 Resp: 233

Ion Ratio Lower Upper

42 100

72 0.0 37.0 55.6#

71 0.0 34.1 51.1#



#31

Cyclohexane

Concen: 1.107 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.085 min

Lab File: VX026386.D

Acq: 06 Jan 2022 20:08

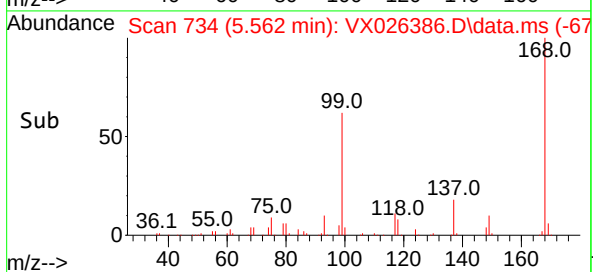
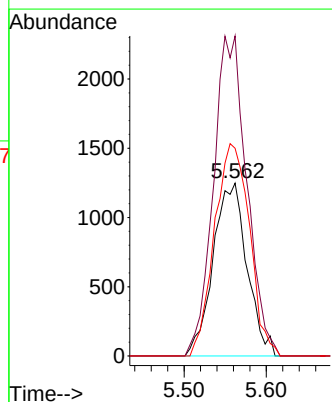
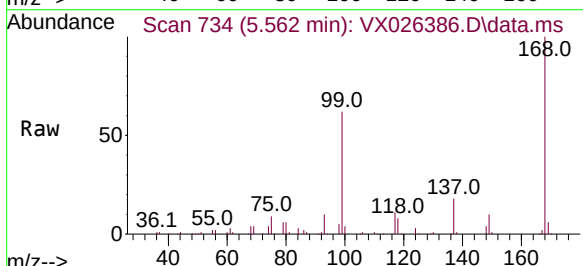
Tgt Ion: 56 Resp: 3578

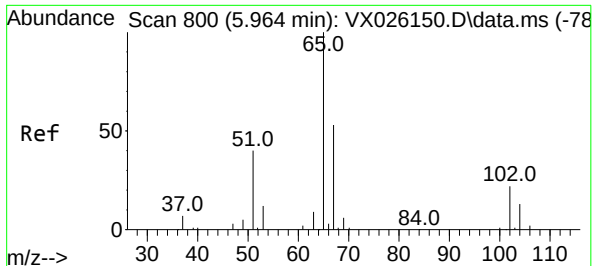
Ion Ratio Lower Upper

56 100

69 185.2 23.9 35.9#

84 120.2 73.2 109.8#





#33

1,2-Dichloroethane-d4

Concen: 49.086 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026386.D

Acq: 06 Jan 2022 20:08

Instrument :

MSVOA_X

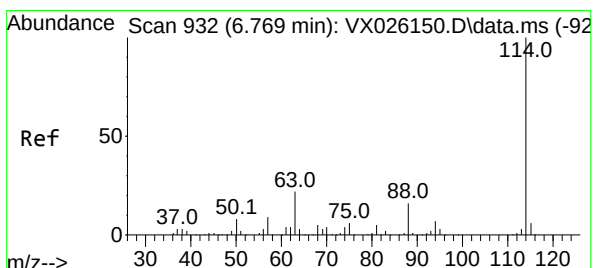
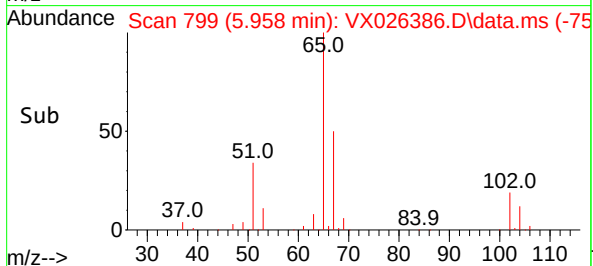
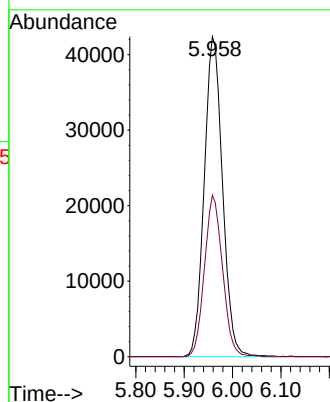
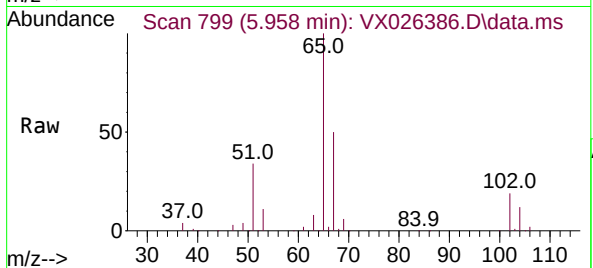
ClientSampleId :

Tgt Ion: 65 Resp: 111451

Ion Ratio Lower Upper

65 100

67 49.8 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX026386.D

Acq: 06 Jan 2022 20:08

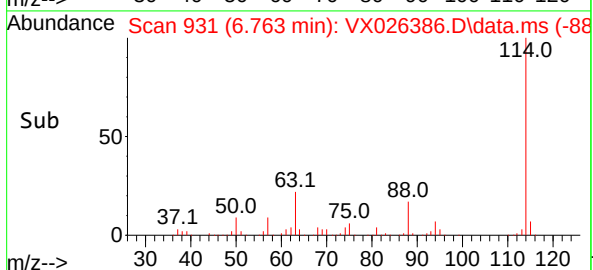
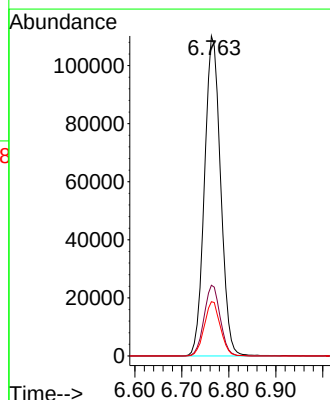
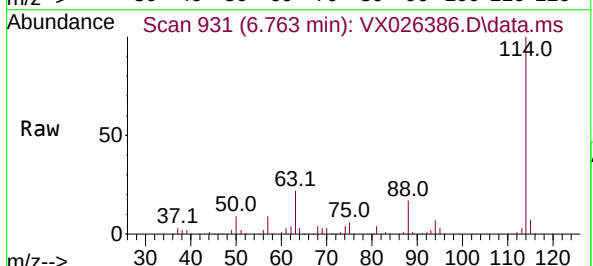
Tgt Ion: 114 Resp: 261640

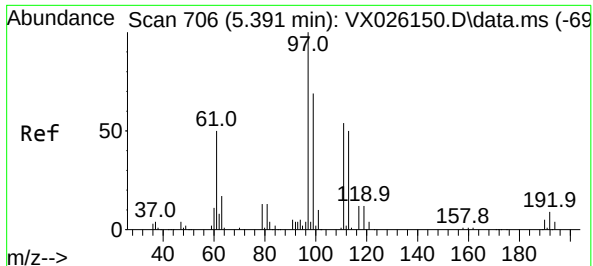
Ion Ratio Lower Upper

114 100

63 22.1 0.0 40.0

88 17.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.956 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

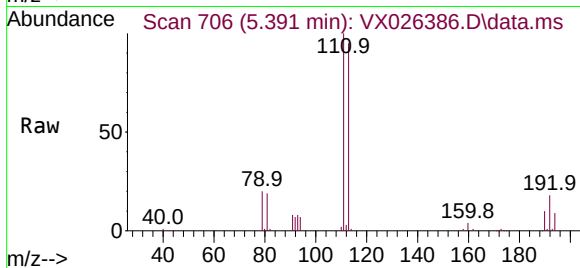
Lab File: VX026386.D

Acq: 06 Jan 2022 20:08

Instrument :

MSVOA_X

ClientSampleId :



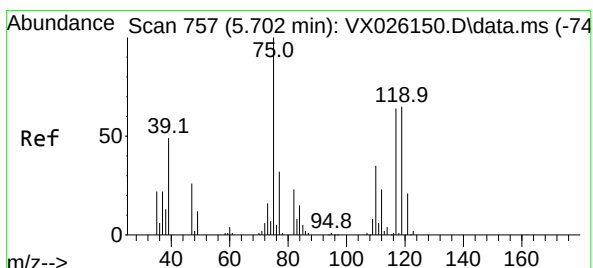
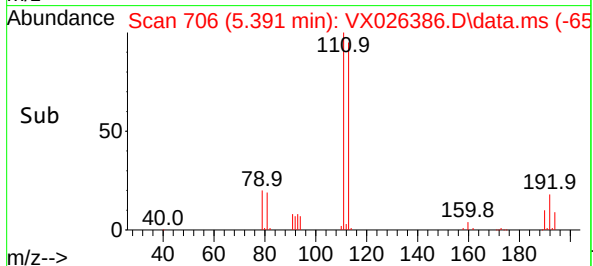
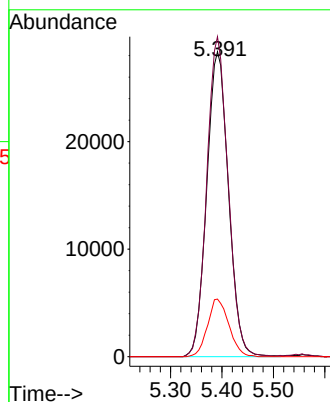
Tgt Ion:113 Resp: 83275

Ion Ratio Lower Upper

113 100

111 102.8 81.8 122.8

192 18.6 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.884 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX026386.D

Acq: 06 Jan 2022 20:08

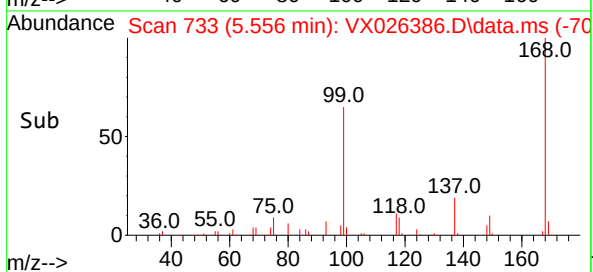
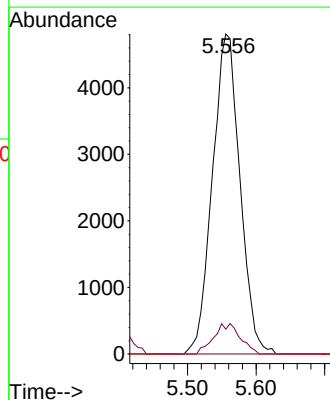
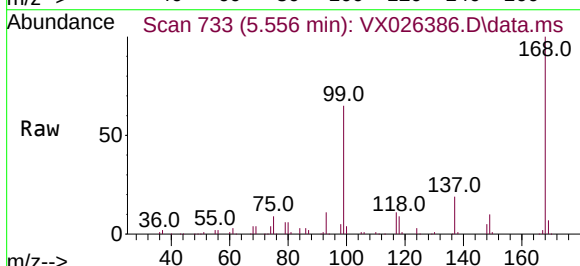
Tgt Ion: 75 Resp: 13399

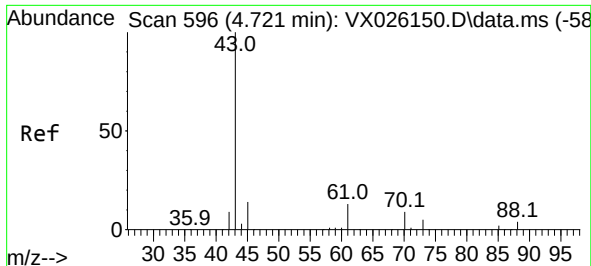
Ion Ratio Lower Upper

75 100

110 9.2 18.2 54.6#

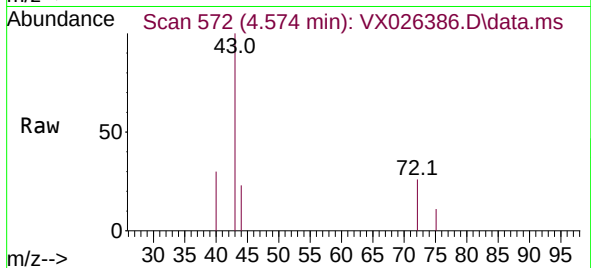
77 0.0 24.7 37.1#



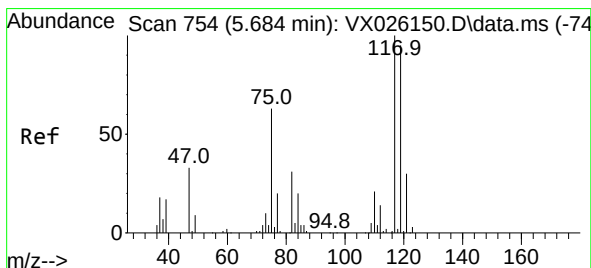
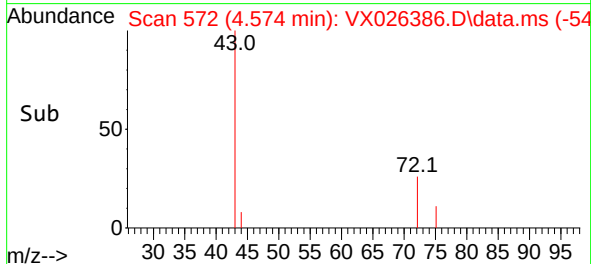
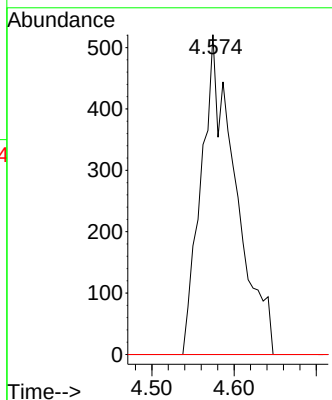


#37
Ethyl Acetate
Concen: 0.474 ug/l
RT: 4.574 min Scan# 51
Delta R.T. -0.147 min
Lab File: VX026386.D
Acq: 06 Jan 2022 20:08

Instrument :
MSVOA_X
ClientSampleId :

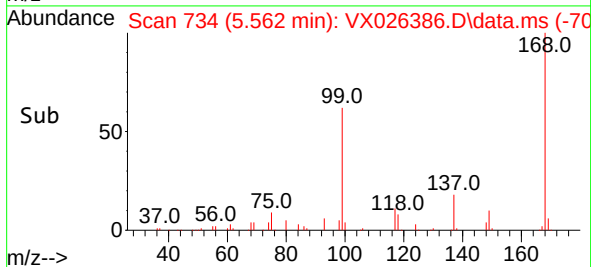
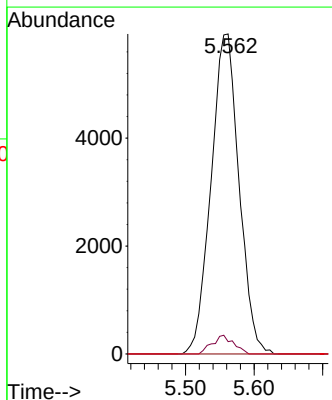
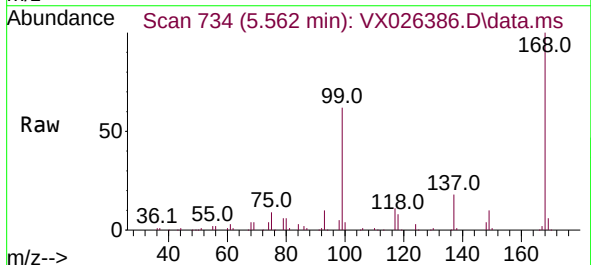


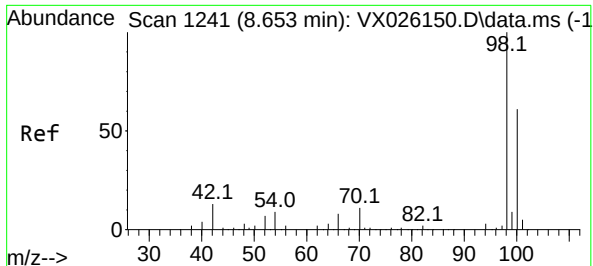
Tgt Ion: 43 Resp: 1509
Ion Ratio Lower Upper
43 100
61 0.0 10.7 16.1#
70 0.0 8.5 12.7#



#38
Carbon Tetrachloride
Concen: 5.507 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX026386.D
Acq: 06 Jan 2022 20:08

Tgt Ion: 117 Resp: 16805
Ion Ratio Lower Upper
117 100
119 3.8 77.2 115.8#
121 0.0 23.8 35.8#





#50

Toluene-d8

Concen: 47.340 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX026386.D

Acq: 06 Jan 2022 20:08

Instrument :

MSVOA_X

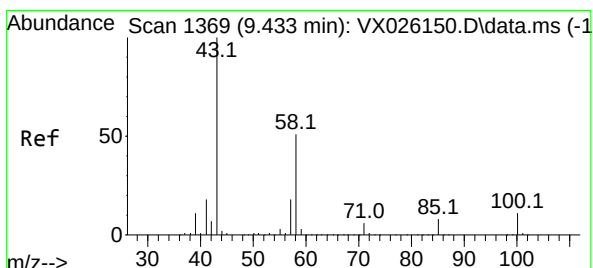
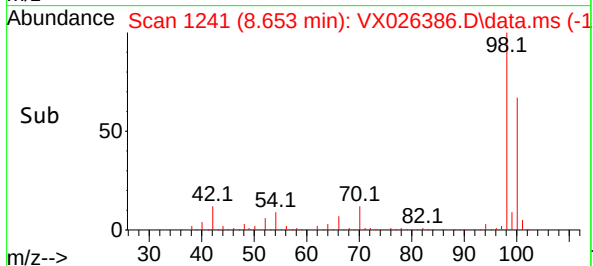
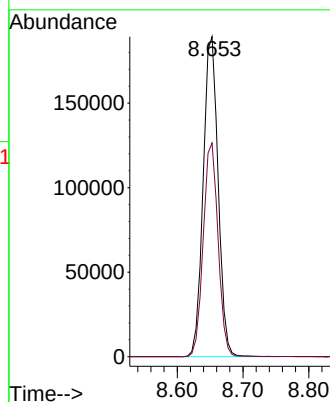
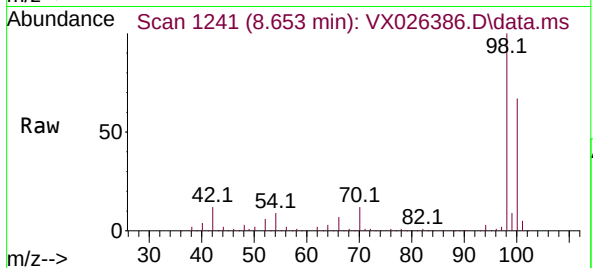
ClientSampleId :

Tgt Ion: 98 Resp: 299528

Ion Ratio Lower Upper

98 100

100 66.2 52.6 78.8



#59

2-Hexanone

Concen: 0.519 ug/l

RT: 9.586 min Scan# 1394

Delta R.T. 0.153 min

Lab File: VX026386.D

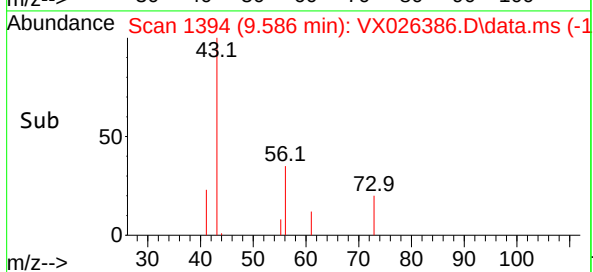
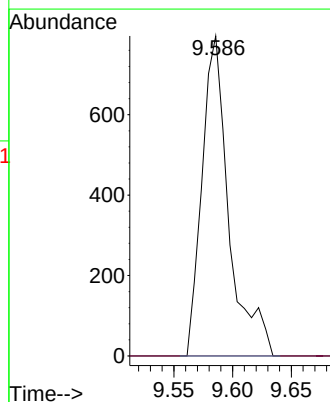
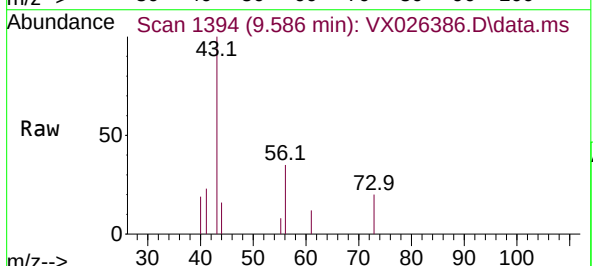
Acq: 06 Jan 2022 20:08

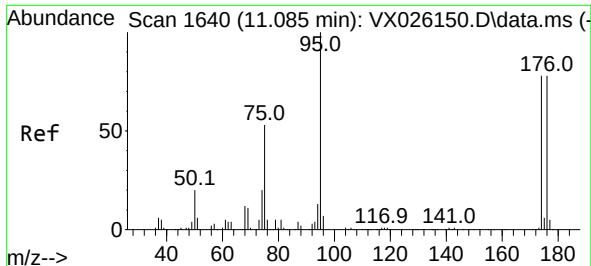
Tgt Ion: 43 Resp: 1269

Ion Ratio Lower Upper

43 100

58 0.0 26.9 80.6#

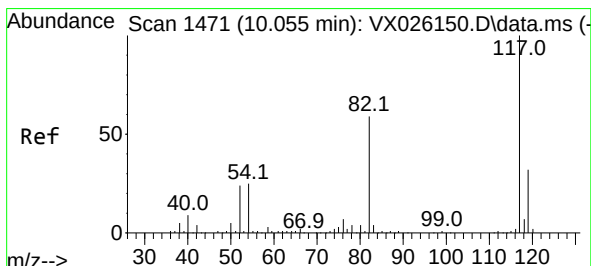
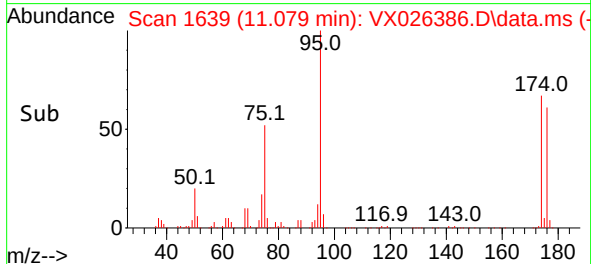
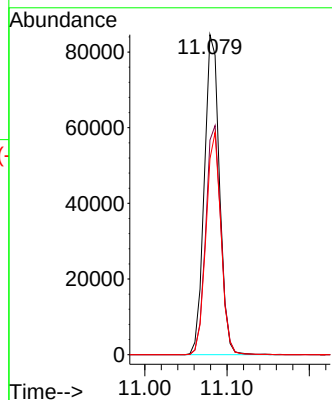
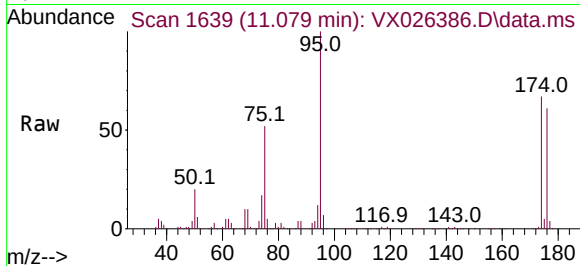




#62
4-Bromofluorobenzene
Concen: 47.967 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX026386.D
Acq: 06 Jan 2022 20:08

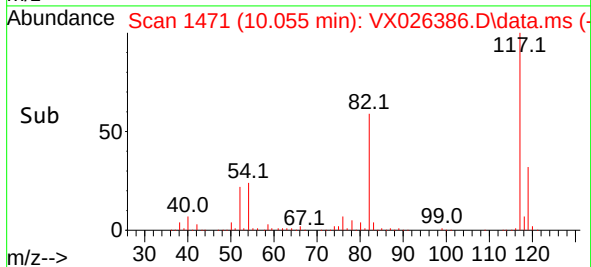
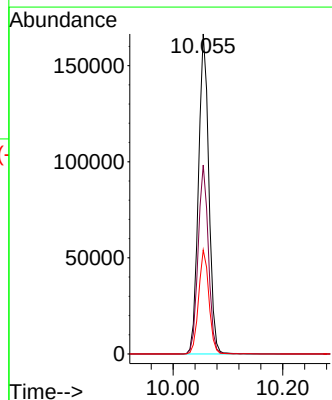
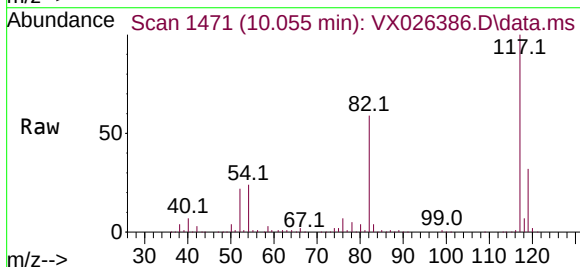
Instrument :
MSVOA_X
ClientSampleId :

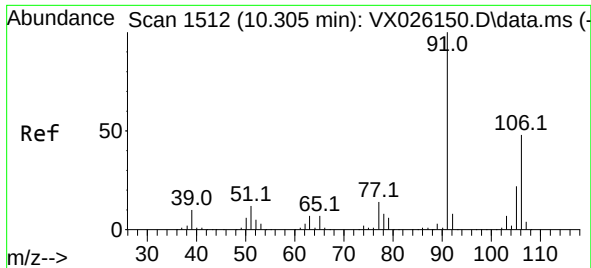
Tgt Ion: 95 Resp: 108039
Ion Ratio Lower Upper
95 100
174 72.1 0.0 157.4
176 68.8 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026386.D
Acq: 06 Jan 2022 20:08

Tgt Ion: 117 Resp: 219830
Ion Ratio Lower Upper
117 100
82 59.1 43.8 65.6
119 32.5 25.2 37.8

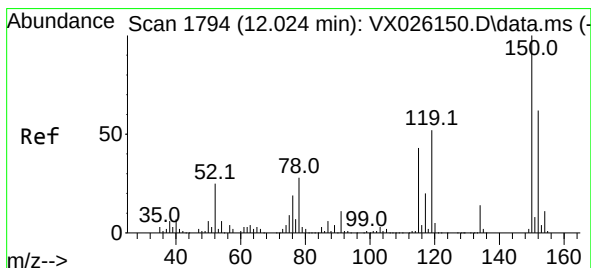
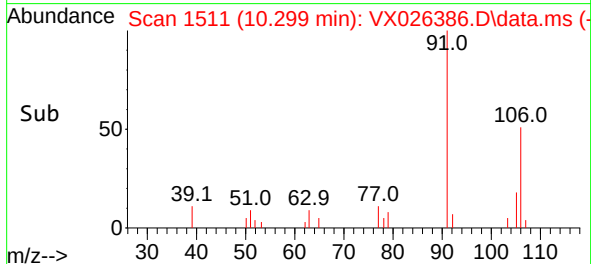
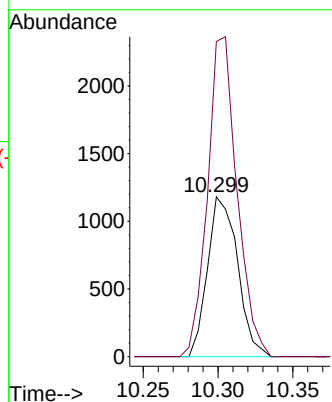
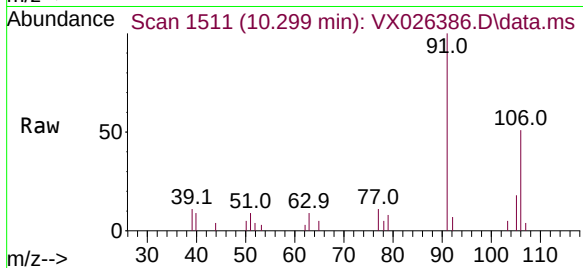




#68
m/p-Xylenes
Concen: 0.511 ug/l
RT: 10.299 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX026386.D
Acq: 06 Jan 2022 20:08

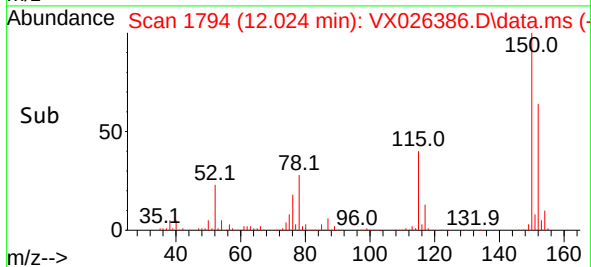
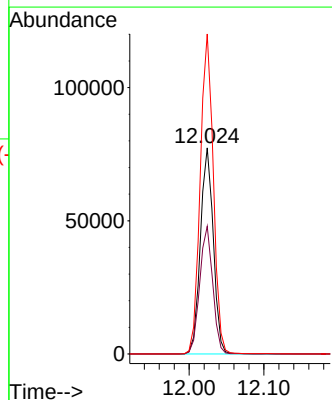
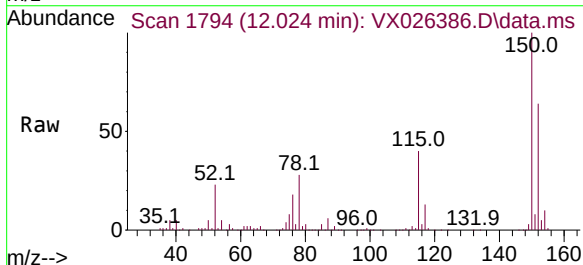
Instrument :
MSVOA_X
ClientSampleId :

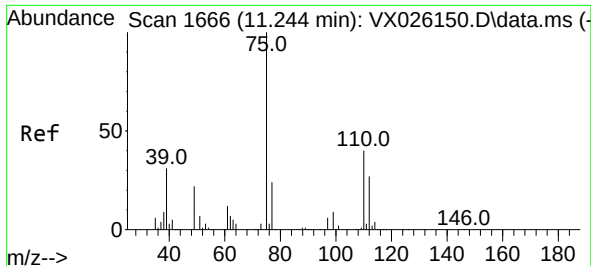
Tgt Ion:106 Resp: 1649
Ion Ratio Lower Upper
106 100
91 196.6 158.6 238.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026386.D
Acq: 06 Jan 2022 20:08

Tgt Ion:152 Resp: 92809
Ion Ratio Lower Upper
152 100
115 62.5 41.3 123.9
150 157.1 0.0 351.8

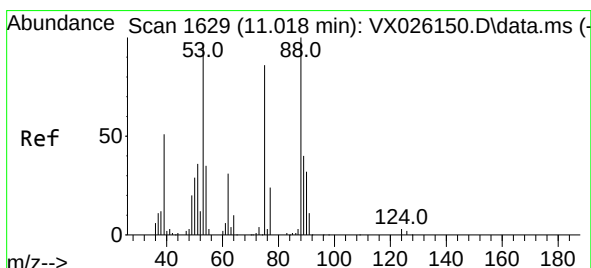
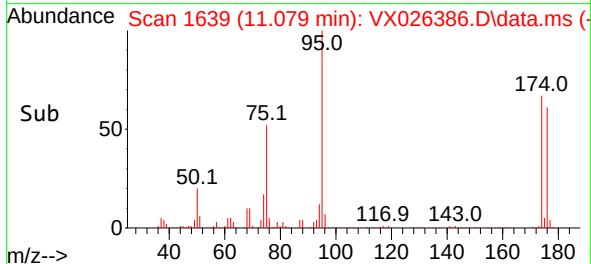
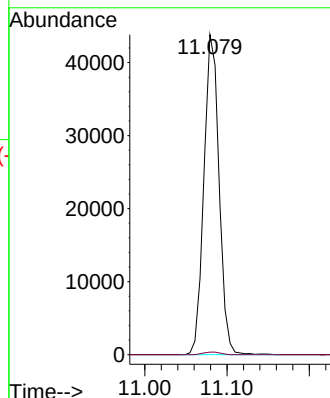
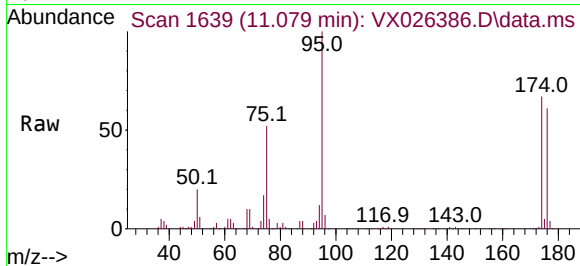




#76
1,2,3-Trichloropropane
Concen: 25.079 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026386.D
Acq: 06 Jan 2022 20:08

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 56181
Ion Ratio Lower Upper
75 100
77 0.9 19.0 57.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.553 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026386.D
Acq: 06 Jan 2022 20:08

Tgt Ion: 75 Resp: 56181
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 38.3 57.5#

