

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010522\
 Data File : VX026358.D
 Acq On : 06 Jan 2022 05:53
 Operator : JC/MD
 Sample : N1020-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 06 12:23:08 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	5.556	168	158282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	264551	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	224904	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94990	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	114432	49.973	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.940%
35) Dibromofluoromethane	5.391	113	84288	49.007	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.020%
50) Toluene-d8	8.653	98	304385	47.579	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.160%
62) 4-Bromofluorobenzene	11.079	95	111544	48.978	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.960%

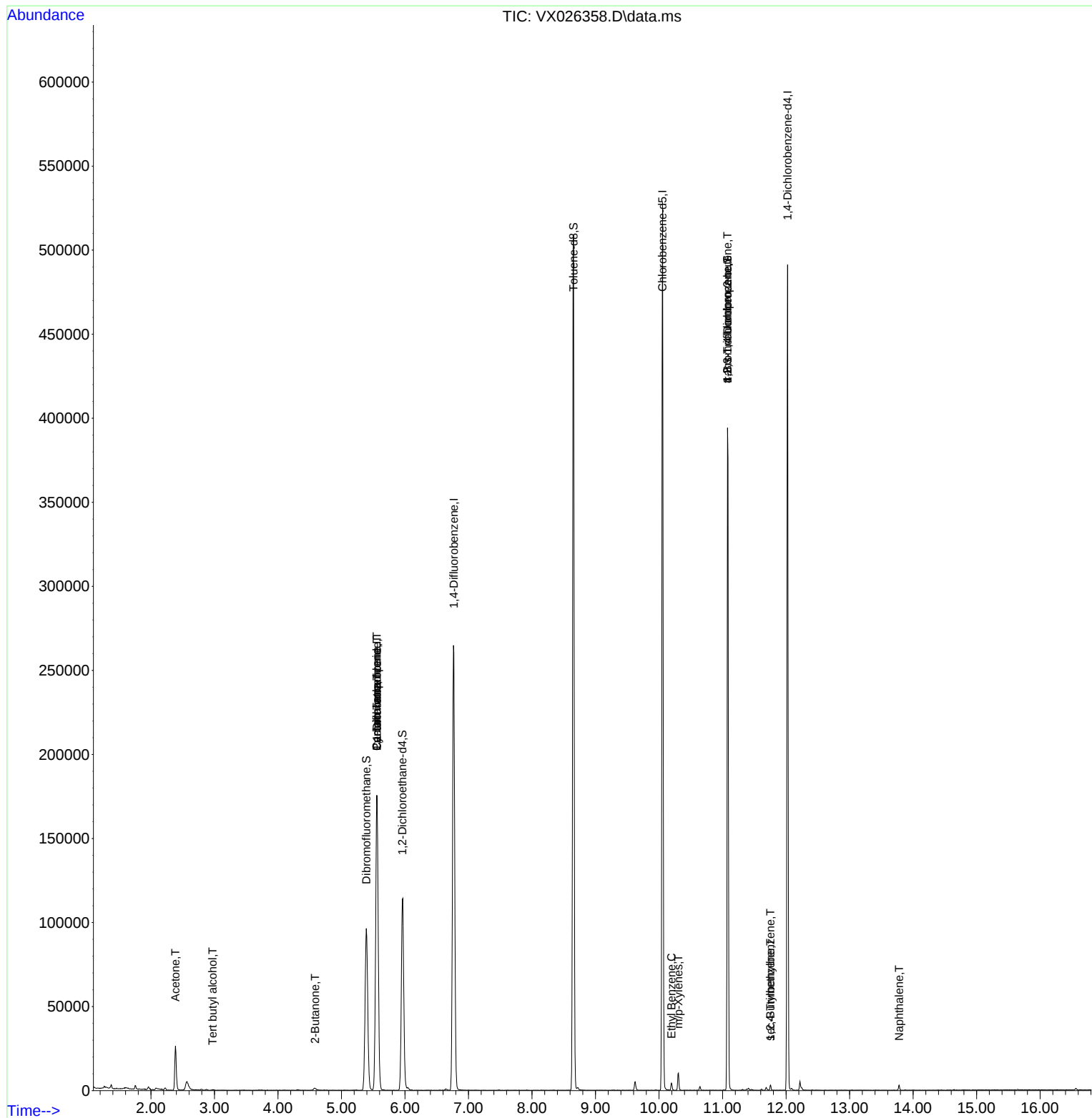
Target Compounds			Qvalue			
11) Tert butyl alcohol	2.971	59	576	1.259	ug/l #	73
16) Acetone	2.386	43	29295	23.612	ug/l	97
20) Methylene Chloride	2.794	84	259	Below Cal	#	80
25) 2-Butanone	4.587	43	2854	1.651	ug/l #	82
31) Cyclohexane	5.556	56	3584	1.099	ug/l #	12
36) 1,1-Dichloropropene	5.556	75	13213	4.763	ug/l #	49
38) Carbon Tetrachloride	5.556	117	17332	5.617	ug/l #	14
67) Ethyl Benzene	10.195	91	2745	0.311	ug/l	95
68) m/p-Xylenes	10.305	106	2345	0.711	ug/l	85
76) 1,2,3-Trichloropropane	11.079	75	58103	25.341	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	58103	73.312	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.756	105	1587	0.259	ug/l	98
85) sec-Butylbenzene	11.756	105	1587	0.214	ug/l #	56
95) Naphthalene	13.780	128	2276	0.310	ug/l	99

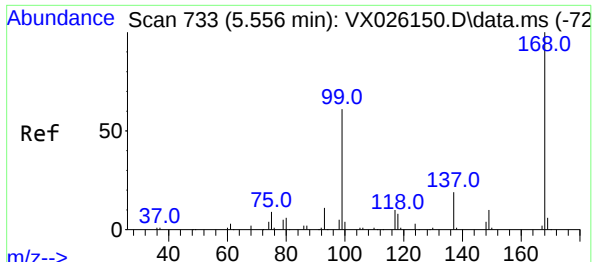
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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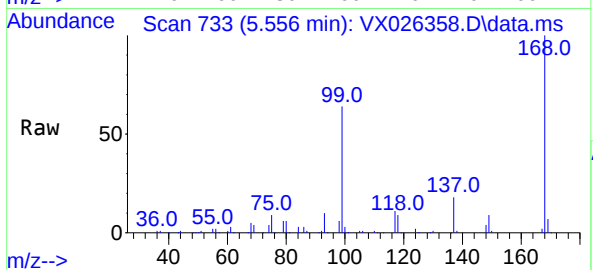
Quant Time: Jan 06 12:23:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
Response via : Initial Calibration



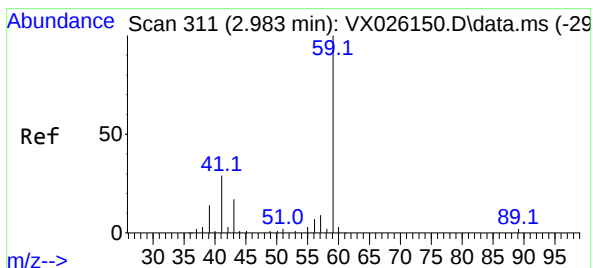
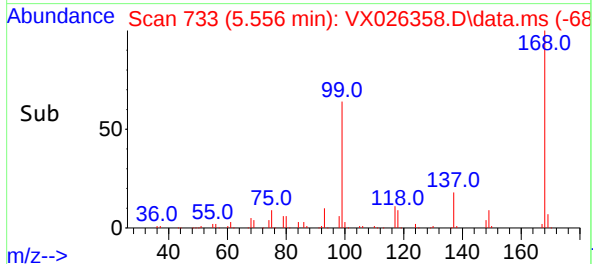
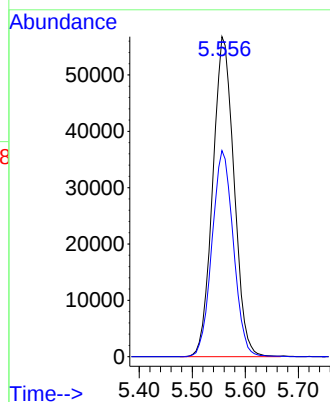


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026358.D
Acq: 06 Jan 2022 05:53

Instrument :
MSVOA_X
ClientSampleId :

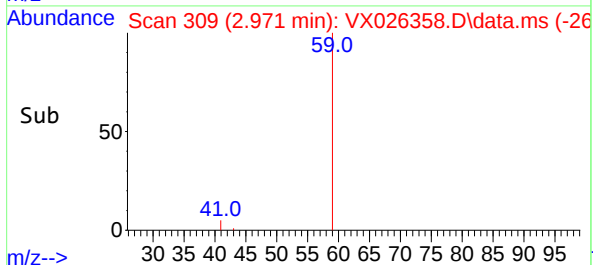
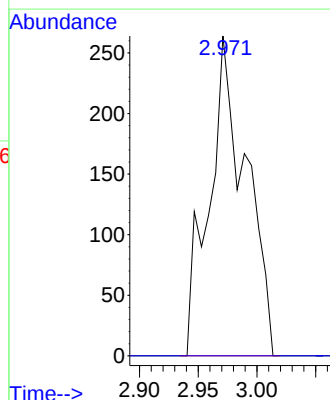
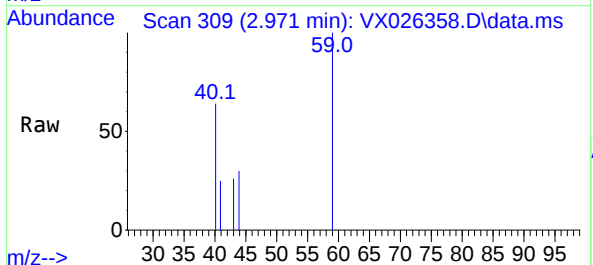


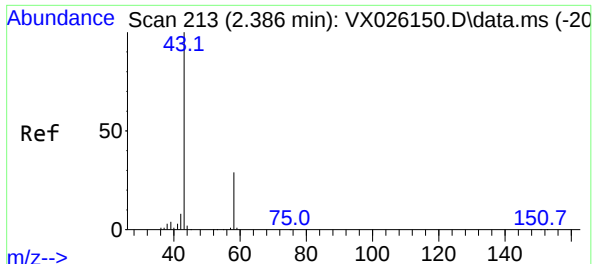
Tgt Ion:168 Resp: 158282
Ion Ratio Lower Upper
168 100
99 64.4 45.8 68.8



#11
Tert butyl alcohol
Concen: 1.259 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX026358.D
Acq: 06 Jan 2022 05:53

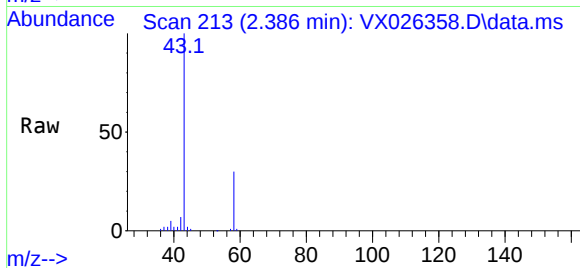
Tgt Ion: 59 Resp: 576
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



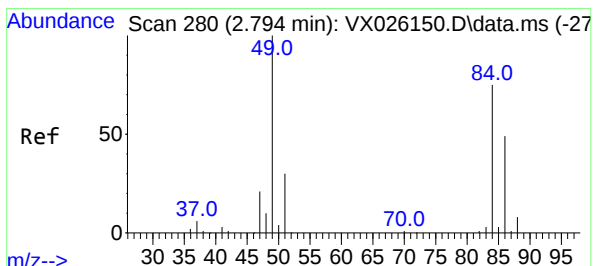
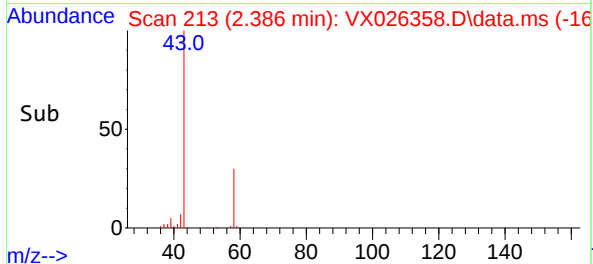
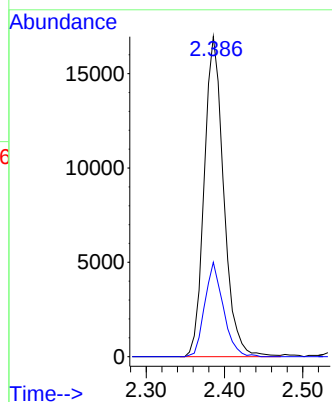


#16
Acetone
Concen: 23.612 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX026358.D
Acq: 06 Jan 2022 05:53

Instrument :
MSVOA_X
ClientSampleId :

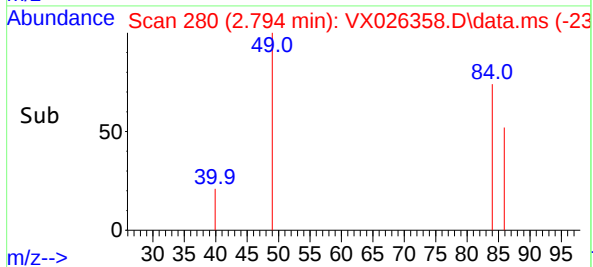
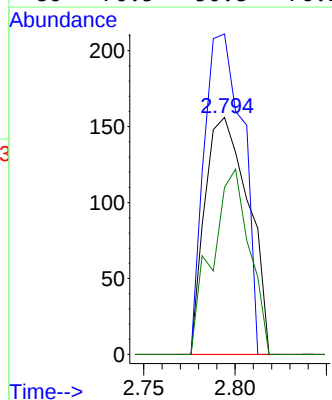
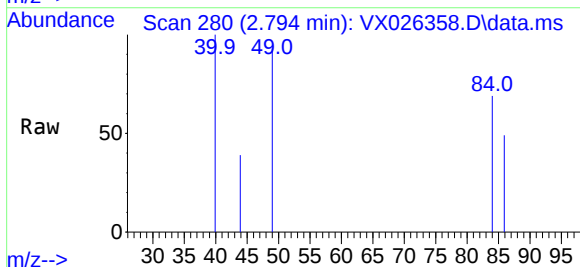


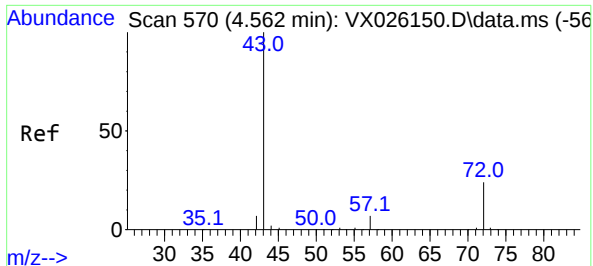
Tgt Ion: 43 Resp: 29295
Ion Ratio Lower Upper
43 100
58 29.5 24.8 37.2



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX026358.D
Acq: 06 Jan 2022 05:53

Tgt Ion: 84 Resp: 259
Ion Ratio Lower Upper
84 100
49 135.3 97.1 145.7
51 0.0 29.3 43.9#
86 70.5 50.8 76.2





#25

2-Butanone

Concen: 1.651 ug/l

RT: 4.587 min Scan# 51

Delta R.T. 0.025 min

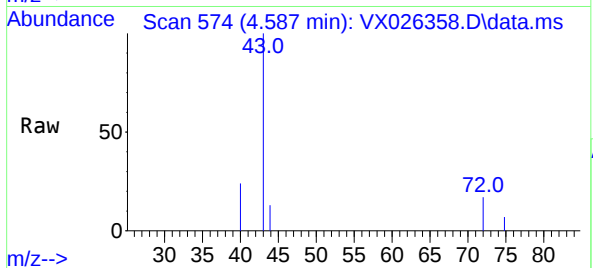
Lab File: VX026358.D

Acq: 06 Jan 2022 05:53

Instrument :

MSVOA_X

ClientSampleId :

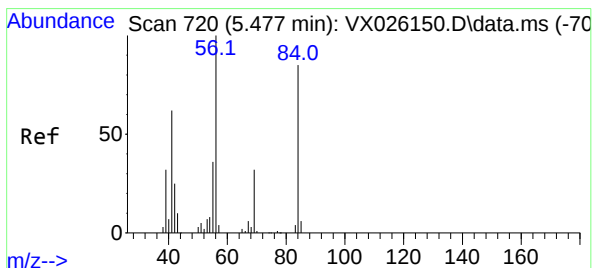
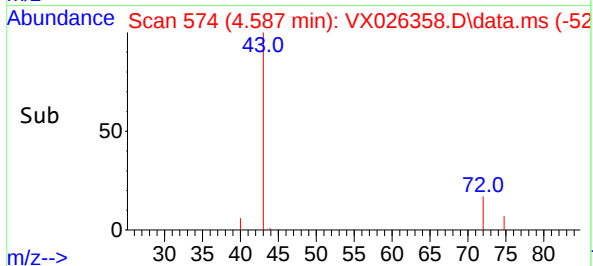
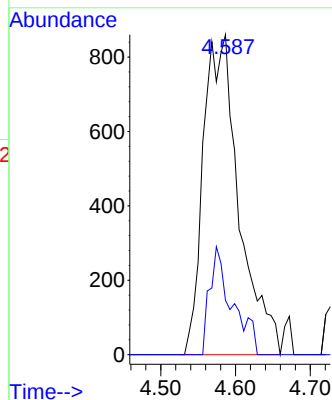


Tgt Ion: 43 Resp: 2854

Ion Ratio Lower Upper

43 100

72 17.0 21.0 31.4#



#31

Cyclohexane

Concen: 1.099 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX026358.D

Acq: 06 Jan 2022 05:53

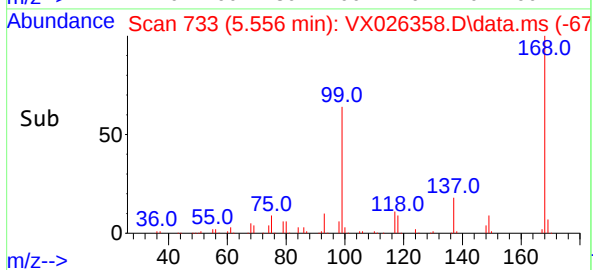
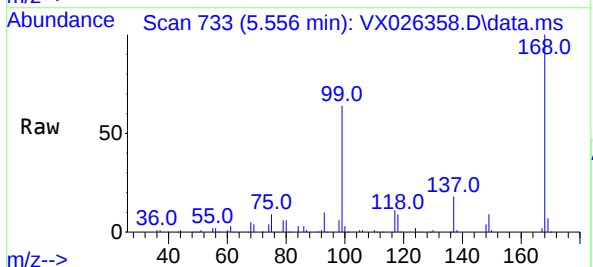
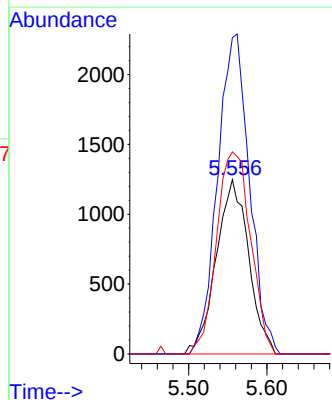
Tgt Ion: 56 Resp: 3584

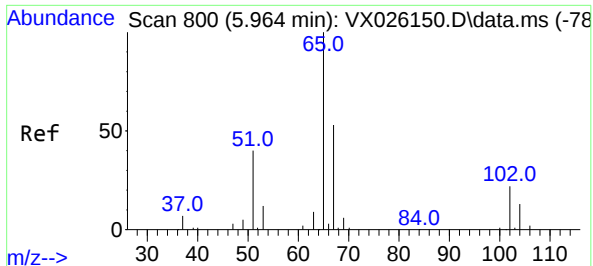
Ion Ratio Lower Upper

56 100

69 181.6 23.9 35.9#

84 116.0 73.2 109.8#





#33

1,2-Dichloroethane-d4

Concen: 49.973 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026358.D

Acq: 06 Jan 2022 05:53

Instrument :

MSVOA_X

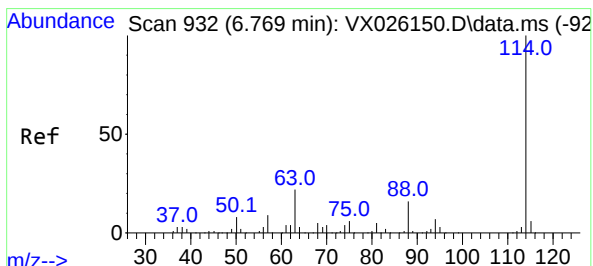
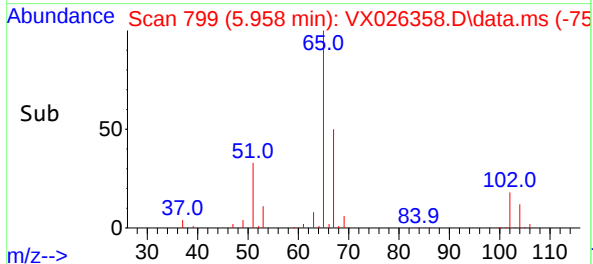
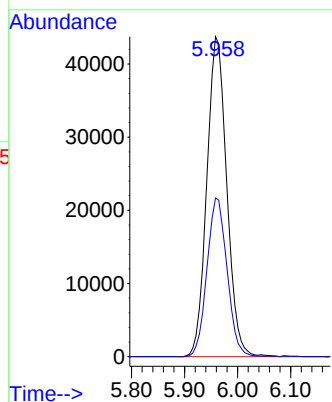
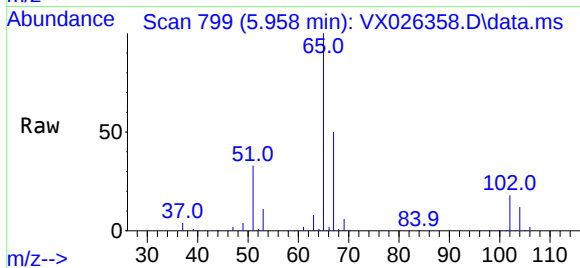
ClientSampleId :

Tgt Ion: 65 Resp: 114432

Ion Ratio Lower Upper

65 100

67 50.0 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX026358.D

Acq: 06 Jan 2022 05:53

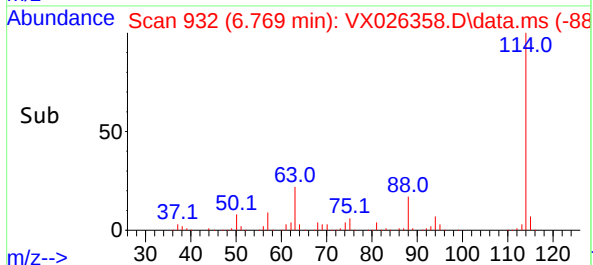
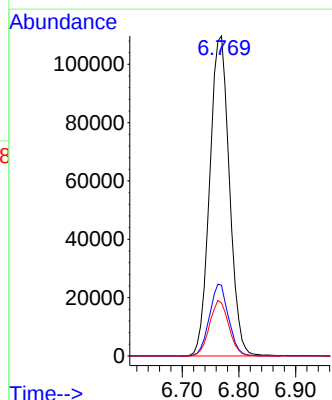
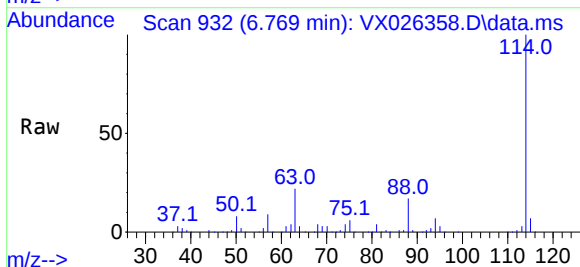
Tgt Ion: 114 Resp: 264551

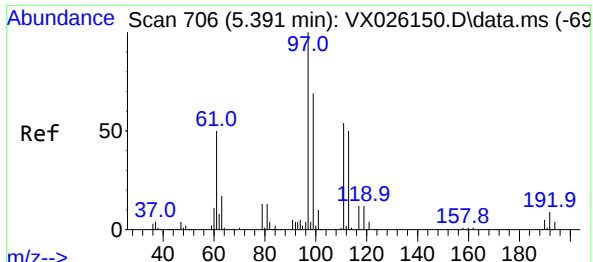
Ion Ratio Lower Upper

114 100

63 22.1 0.0 40.0

88 16.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.007 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

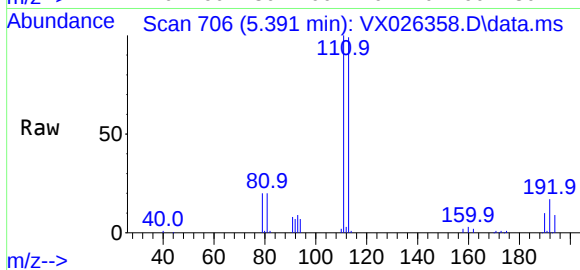
Lab File: VX026358.D

Acq: 06 Jan 2022 05:53

Instrument :

MSVOA_X

ClientSampleId :



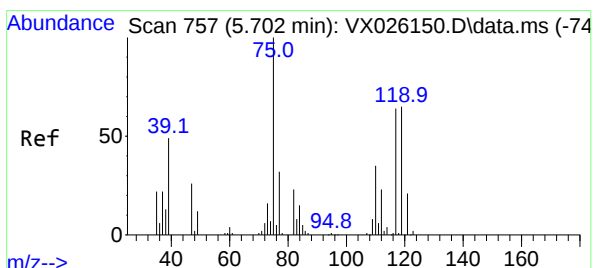
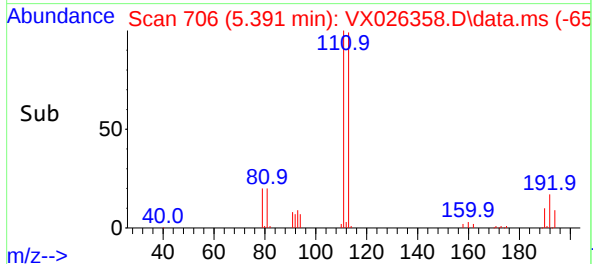
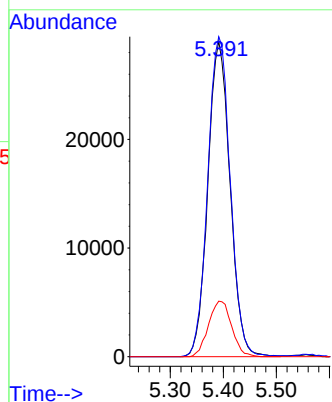
Tgt Ion:113 Resp: 84288

Ion Ratio Lower Upper

113 100

111 103.4 81.8 122.8

192 18.4 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.763 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX026358.D

Acq: 06 Jan 2022 05:53

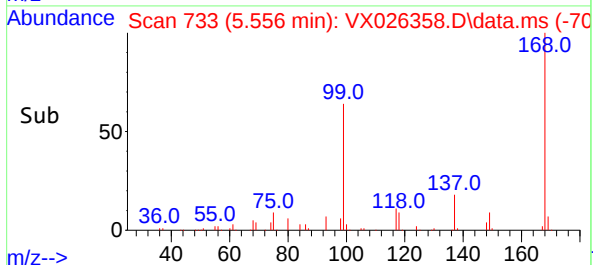
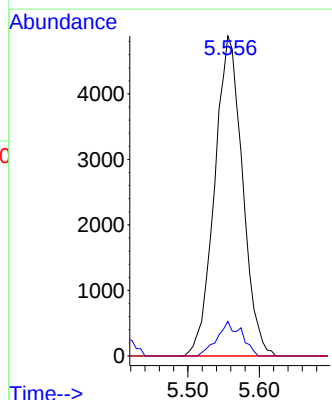
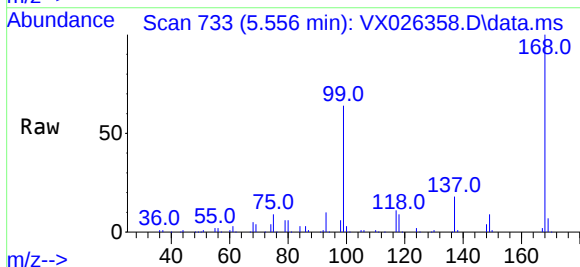
Tgt Ion: 75 Resp: 13213

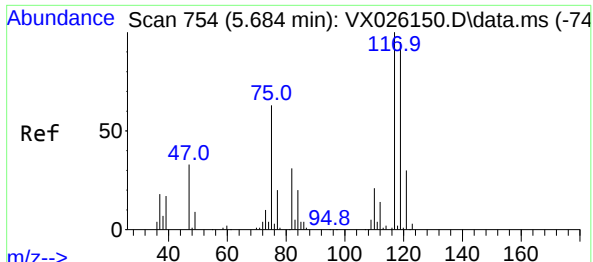
Ion Ratio Lower Upper

75 100

110 9.4 18.2 54.6#

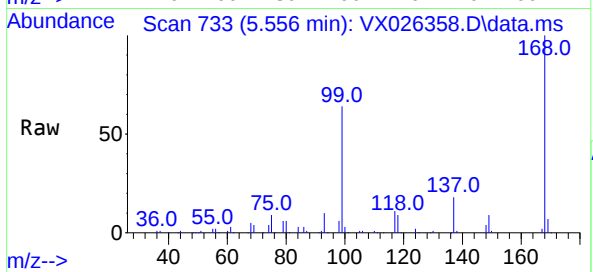
77 0.0 24.7 37.1#



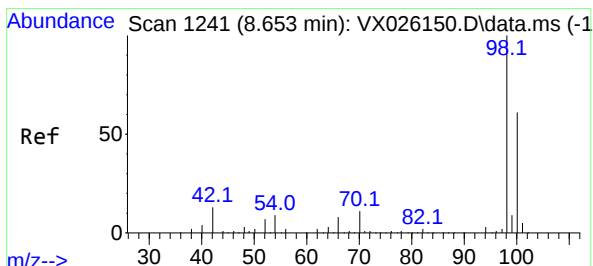
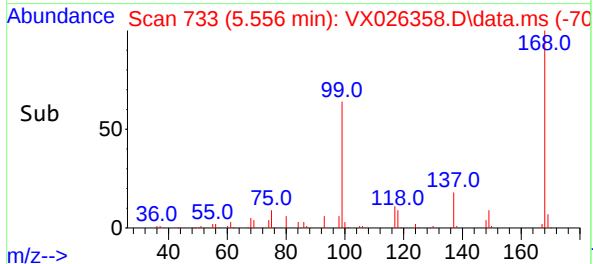
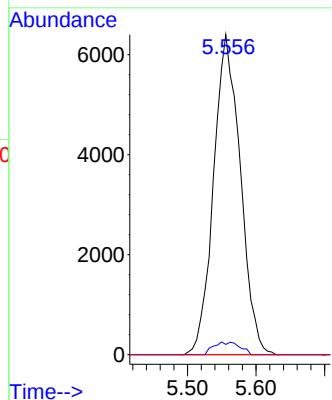


#38
Carbon Tetrachloride
Concen: 5.617 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX026358.D
Acq: 06 Jan 2022 05:53

Instrument :
MSVOA_X
ClientSampleId :

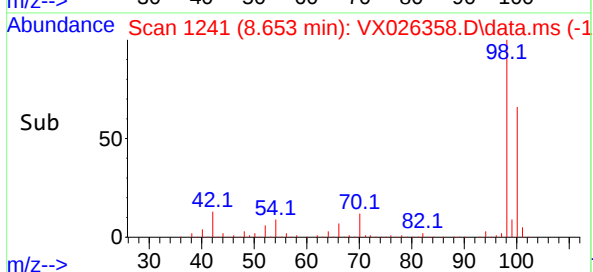
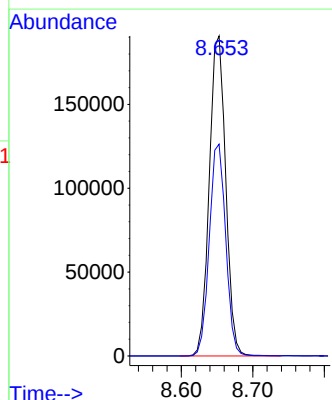
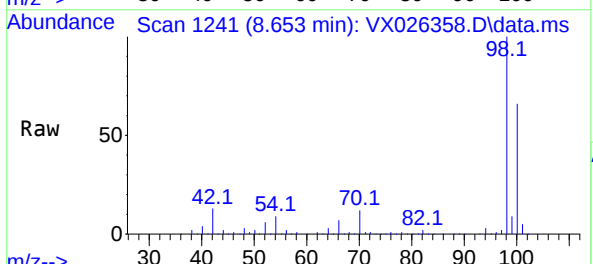


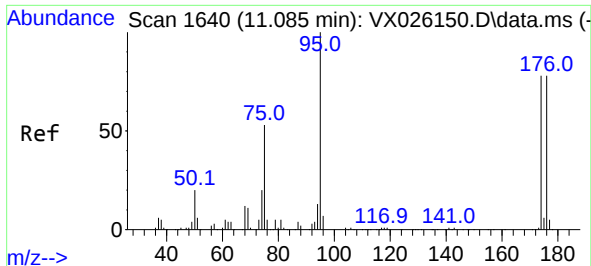
Tgt Ion:117 Resp: 17332
Ion Ratio Lower Upper
117 100
119 3.2 77.2 115.8#
121 0.0 23.8 35.8#



#50
Toluene-d8
Concen: 47.579 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026358.D
Acq: 06 Jan 2022 05:53

Tgt Ion: 98 Resp: 304385
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8

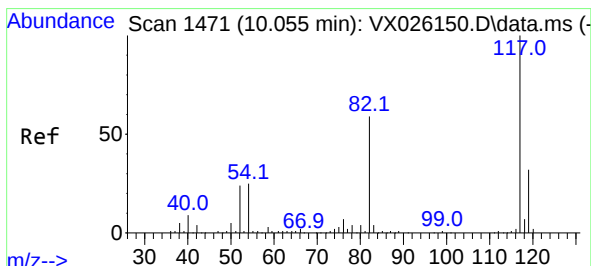
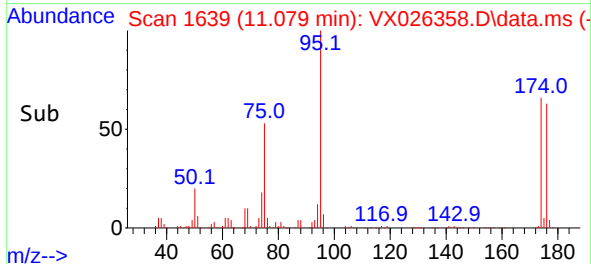
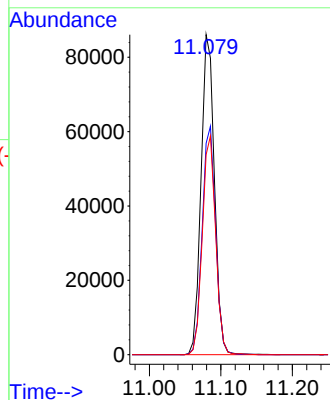
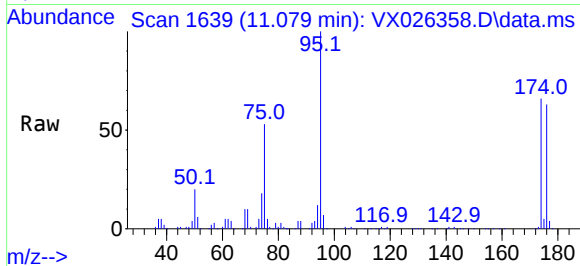




#62
4-Bromofluorobenzene
Concen: 48.978 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX026358.D
Acq: 06 Jan 2022 05:53

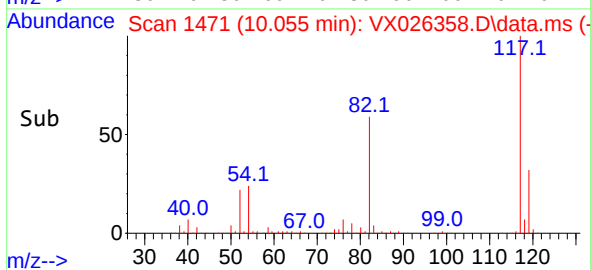
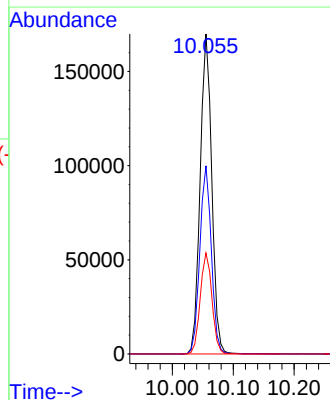
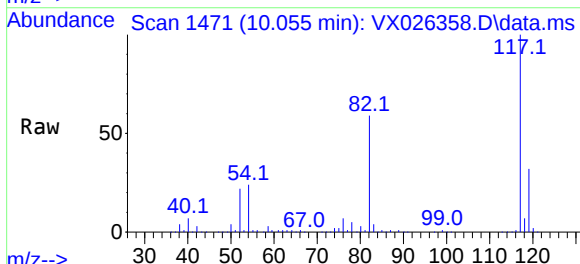
Instrument :
MSVOA_X
ClientSampleId :

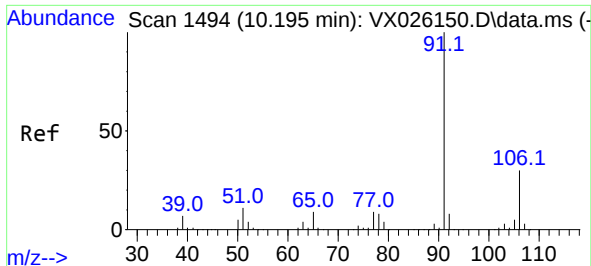
Tgt Ion: 95 Resp: 111544
Ion Ratio Lower Upper
95 100
174 71.6 0.0 157.4
176 68.2 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026358.D
Acq: 06 Jan 2022 05:53

Tgt Ion: 117 Resp: 224904
Ion Ratio Lower Upper
117 100
82 58.8 43.8 65.6
119 31.5 25.2 37.8





#67

Ethyl Benzene

Concen: 0.311 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX026358.D

Acq: 06 Jan 2022 05:53

Instrument :

MSVOA_X

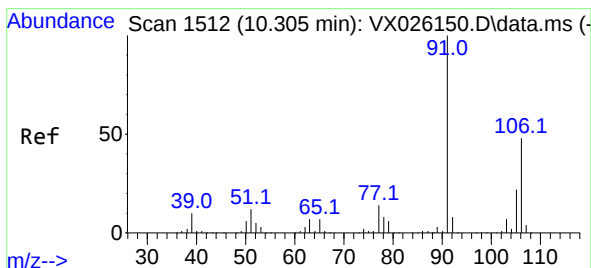
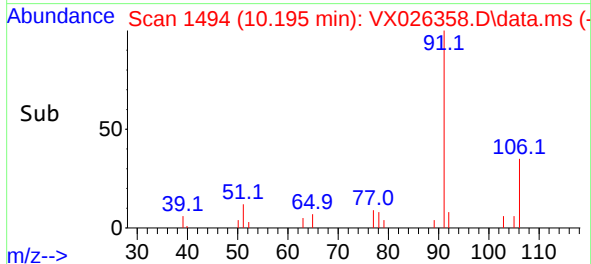
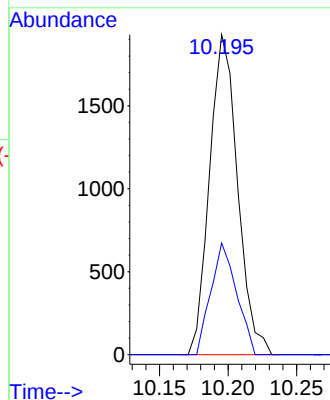
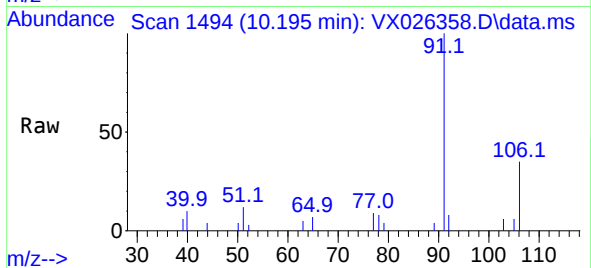
ClientSampleId :

Tgt Ion: 91 Resp: 2745

Ion Ratio Lower Upper

91 100

106 34.9 25.7 38.5



#68

m/p-Xylenes

Concen: 0.711 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX026358.D

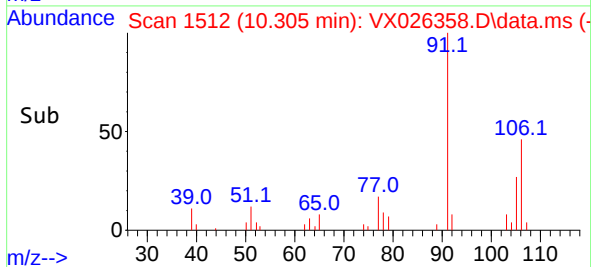
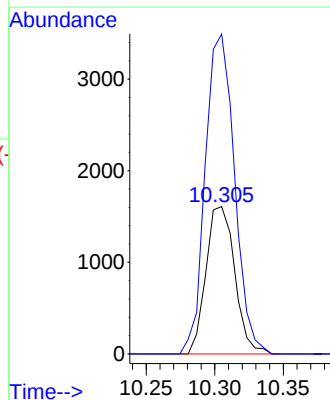
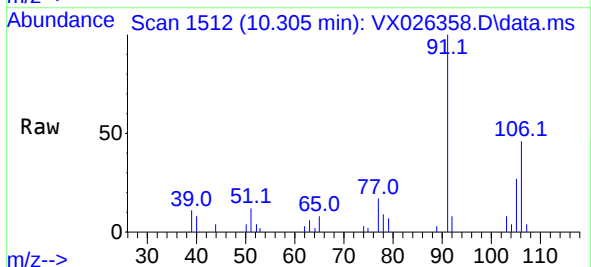
Acq: 06 Jan 2022 05:53

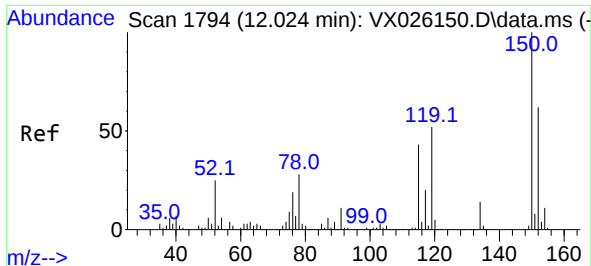
Tgt Ion: 106 Resp: 2345

Ion Ratio Lower Upper

106 100

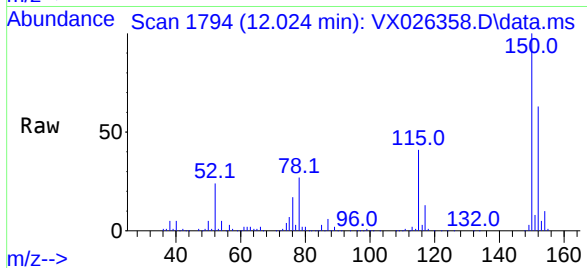
91 221.4 158.6 238.0



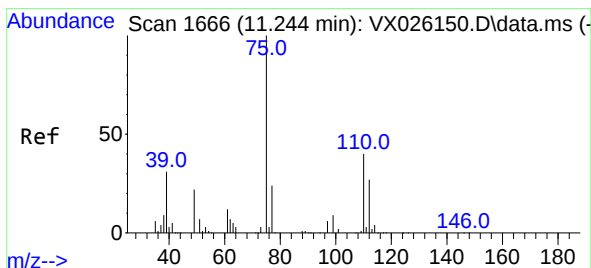
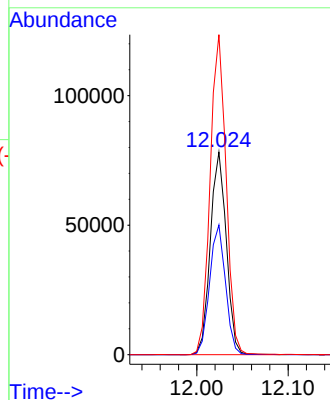
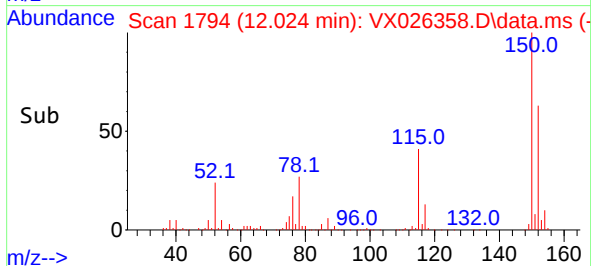


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026358.D
 Acq: 06 Jan 2022 05:53

Instrument :
 MSVOA_X
 ClientSampleId :

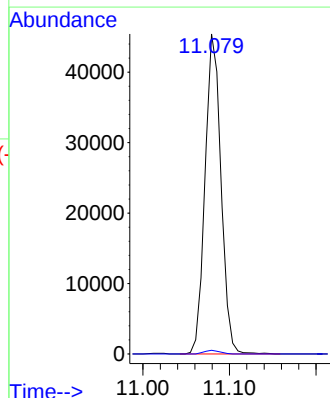
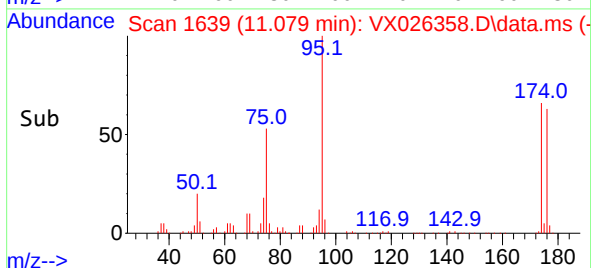
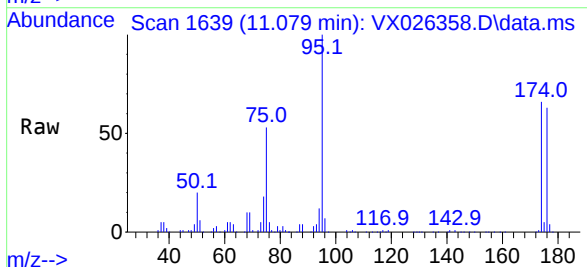


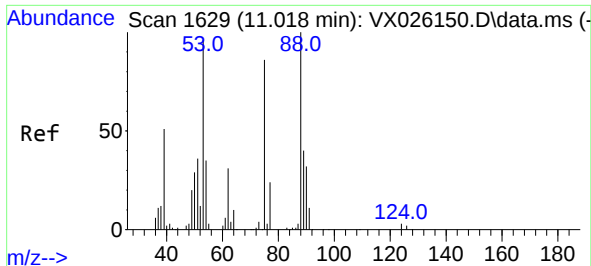
Tgt Ion:152 Resp: 94990
 Ion Ratio Lower Upper
 152 100
 115 63.8 41.3 123.9
 150 157.7 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 25.341 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX026358.D
 Acq: 06 Jan 2022 05:53

Tgt Ion: 75 Resp: 58103
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.0 57.0#

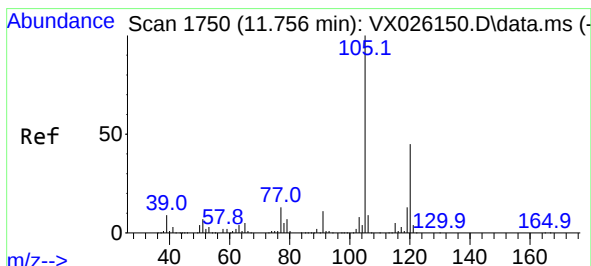
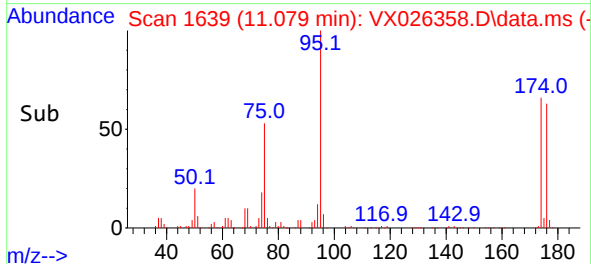
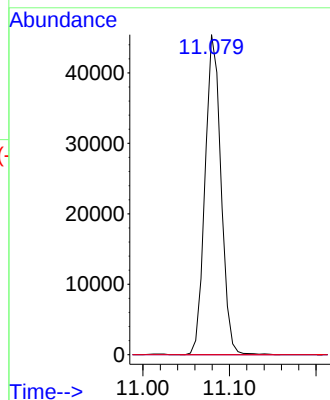
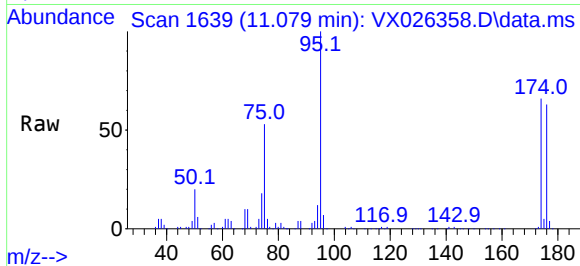




#81
trans-1,4-Dichloro-2-butene
Concen: 73.312 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026358.D
Acq: 06 Jan 2022 05:53

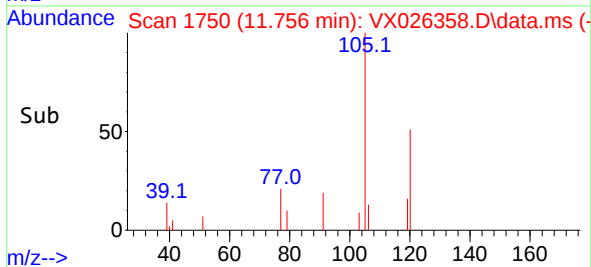
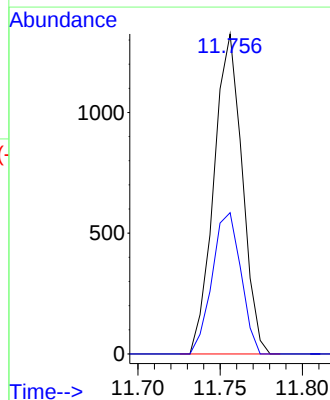
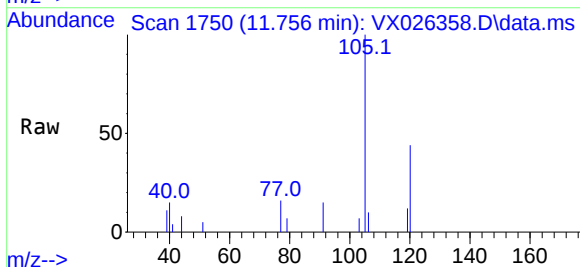
Instrument :
MSVOA_X
ClientSampleId :

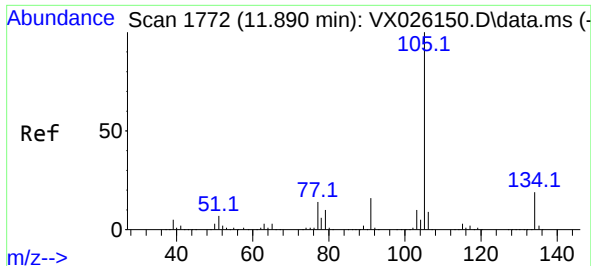
Tgt Ion: 75 Resp: 58103
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 38.3 57.5#



#84
1,2,4-Trimethylbenzene
Concen: 0.259 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX026358.D
Acq: 06 Jan 2022 05:53

Tgt Ion: 105 Resp: 1587
Ion Ratio Lower Upper
105 100
120 44.7 22.9 68.7

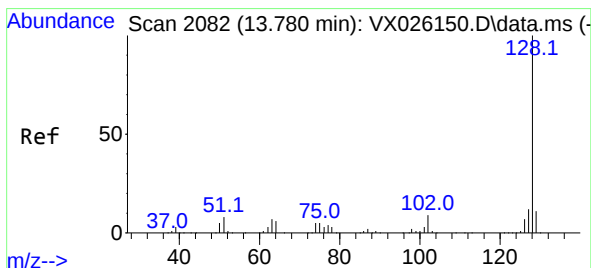
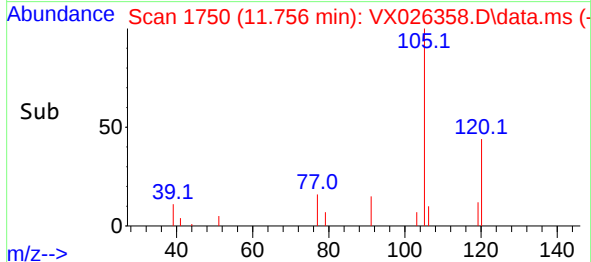
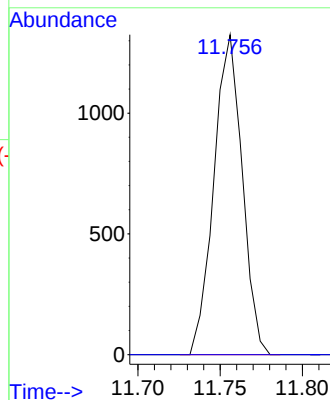
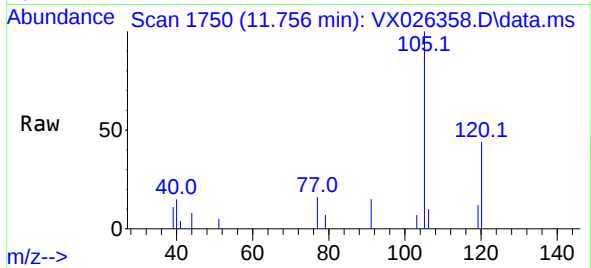




#85
 sec-Butylbenzene
 Concen: 0.214 ug/l
 RT: 11.756 min Scan# 11
 Delta R.T. -0.134 min
 Lab File: VX026358.D
 Acq: 06 Jan 2022 05:53

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion:105 Resp: 1587
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#



#95
 Naphthalene
 Concen: 0.310 ug/l
 RT: 13.780 min Scan# 2082
 Delta R.T. 0.000 min
 Lab File: VX026358.D
 Acq: 06 Jan 2022 05:53

Tgt Ion:128 Resp: 2276
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.3 15.5
 129 10.4 8.8 13.2

