

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040622\
 Data File : VX027995.D
 Acq On : 06 Apr 2022 14:04
 Operator : JC/MD
 Sample : N2253-03 20X
 Misc : 1.21g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31396DL

Quant Time: Apr 07 08:05:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 05 15:58:31 2022
 Response via : Initial Calibration

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

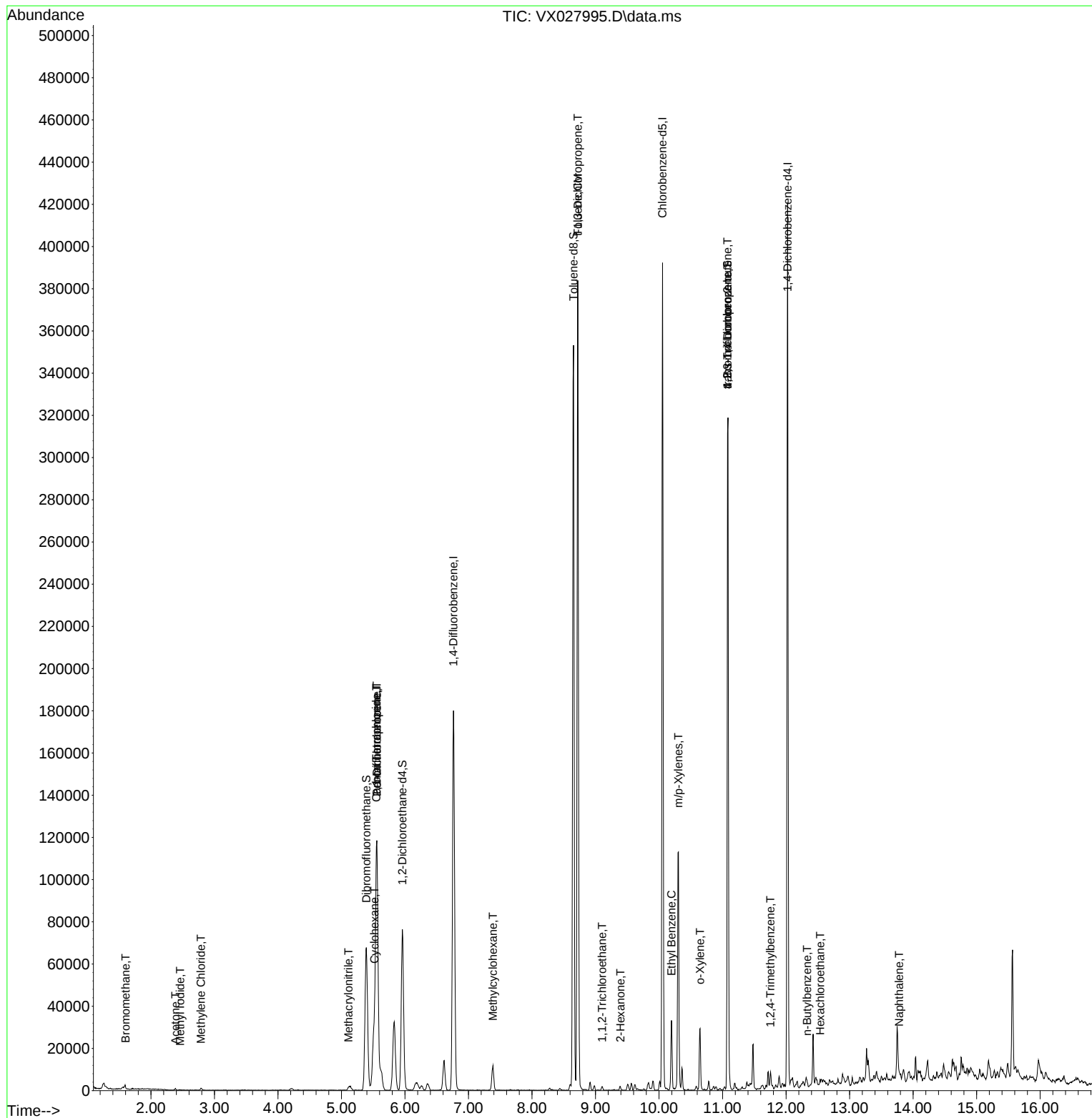
Internal Standards						
1) Pentafluorobenzene	5.556	168	106881	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	178938	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	166944	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80207	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75023	56.260	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 112.520%			
35) Dibromofluoromethane	5.391	113	58563	48.362	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.720%			
50) Toluene-d8	8.653	98	211452	47.794	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 95.580%			
62) 4-Bromofluorobenzene	11.079	95	88053	50.610	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.220%			
Target Compounds						Qvalue
5) Bromomethane	1.599	94	186	0.428	ug/l	98
6) Chloroethane	1.678	64	71	Below Cal	#	43
10) Methyl Iodide	2.459	142	185	3.639	ug/l	# 41
16) Acetone	2.386	43	762	1.527	ug/l	# 73
20) Methylene Chloride	2.788	84	516	0.461	ug/l	# 80
31) Cyclohexane	5.519	56	8463	4.901	ug/l	# 50
36) 1,1-Dichloropropene	5.556	75	8838	5.551	ug/l	# 46
38) Carbon Tetrachloride	5.550	117	11317	6.396	ug/l	# 16
39) Methylcyclohexane	7.385	83	5124	2.572	ug/l	# 81
41) Methacrylonitrile	5.111	41	213	0.248	ug/l	# 40
52) Toluene	8.720	92	139717	45.876	ug/l	99
53) t-1,3-Dichloropropene	8.720	75	1868	1.115	ug/l	# 1
55) 1,1,2-Trichloroethane	9.104	97	612	0.490	ug/l	# 16
59) 2-Hexanone	9.390	43	612	0.479	ug/l	# 18
67) Ethyl Benzene	10.195	91	18030	2.988	ug/l	99
68) m/p-Xylenes	10.305	106	25298	10.666	ug/l	90
69) o-Xylene	10.646	106	6290	2.740	ug/l	85
76) 1,2,3-Trichloropropane	11.079	75	47452	28.815	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	47452	90.842	ug/l	# 15
84) 1,2,4-Trimethylbenzene	11.756	105	3107	0.638	ug/l	90
89) n-Butylbenzene	12.329	91	1020	0.239	ug/l	82
90) Hexachloroethane	12.536	117	219	0.273	ug/l	# 10
95) Naphthalene	13.780	128	1142	0.203	ug/l	# 54

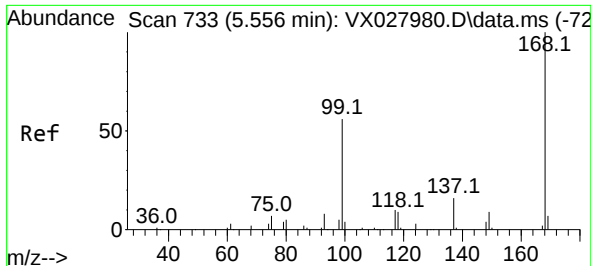
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

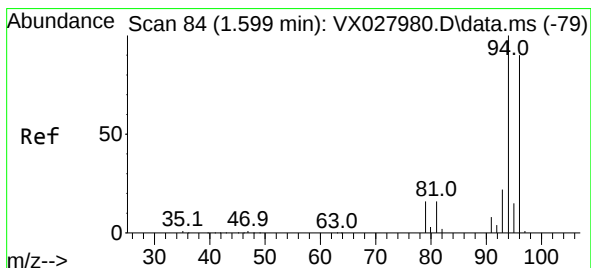
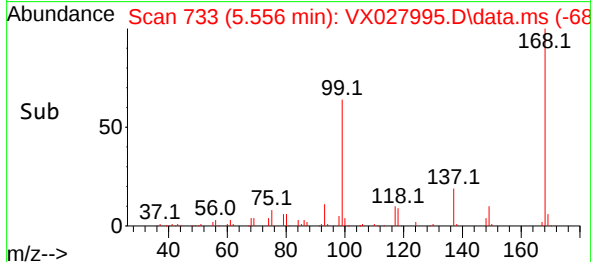
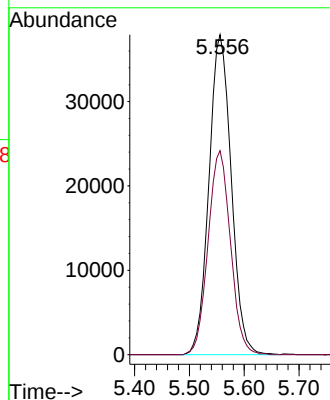
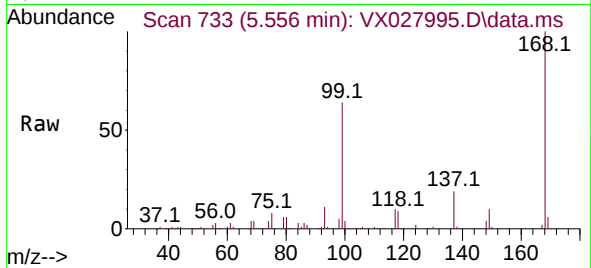




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027995.D
Acq: 06 Apr 2022 14:04

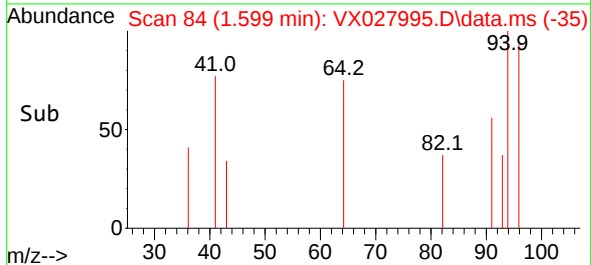
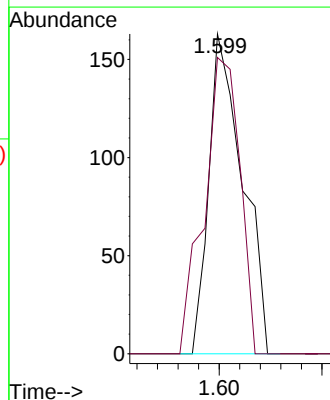
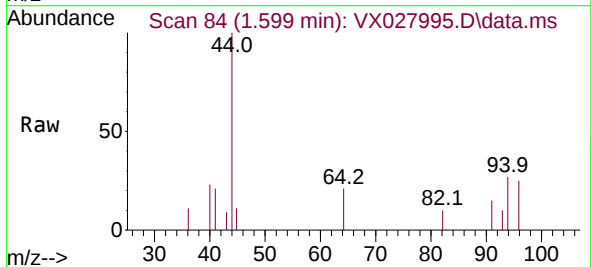
Instrument :
MSVOA_X
ClientSampleId :
31396DL

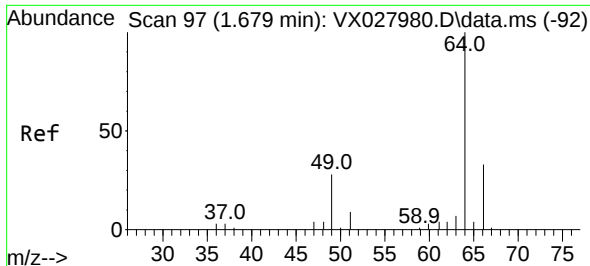
Tgt Ion:168 Resp: 106881
Ion Ratio Lower Upper
168 100
99 63.8 41.7 62.5#



#5
Bromomethane
Concen: 0.428 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX027995.D
Acq: 06 Apr 2022 14:04

Tgt Ion: 94 Resp: 186
Ion Ratio Lower Upper
94 100
96 92.6 75.3 112.9

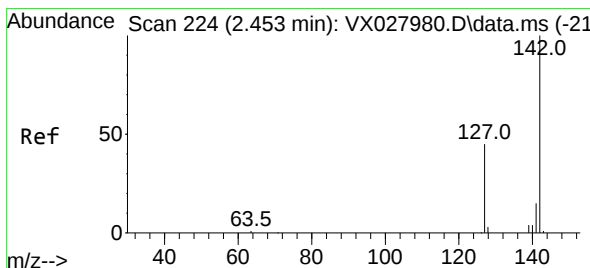
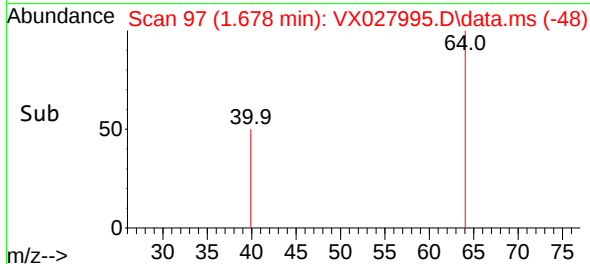
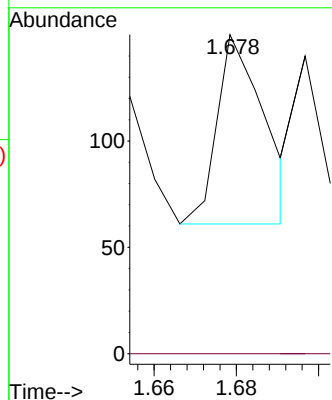
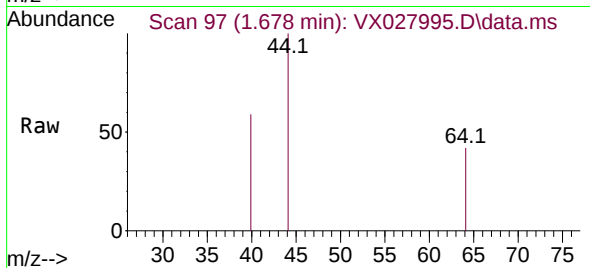




#6
Chloroethane
Concen: Below Cal
RT: 1.678 min Scan# 91
Delta R.T. -0.001 min
Lab File: VX027995.D
Acq: 06 Apr 2022 14:04

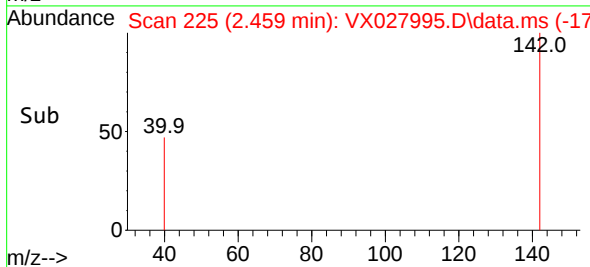
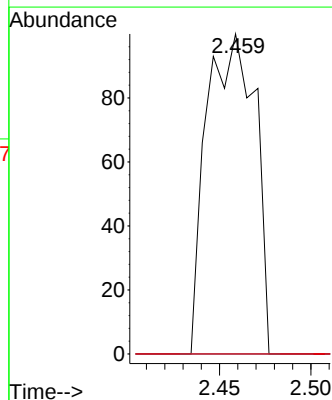
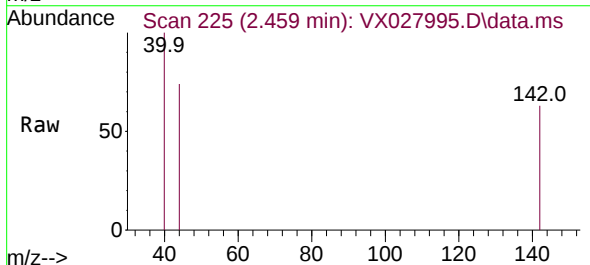
Instrument :
MSVOA_X
ClientSampleId :
31396DL

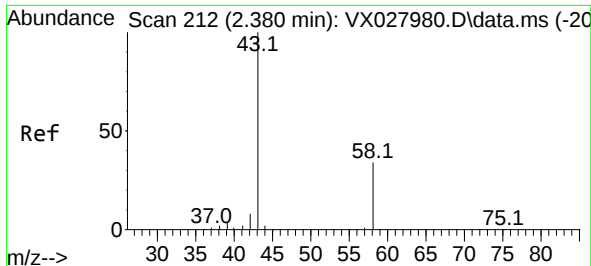
Tgt Ion: 64 Resp: 71
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 3.639 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX027995.D
Acq: 06 Apr 2022 14:04

Tgt Ion: 142 Resp: 185
Ion Ratio Lower Upper
142 100
127 0.0 33.9 50.9#
141 0.0 11.4 17.2#

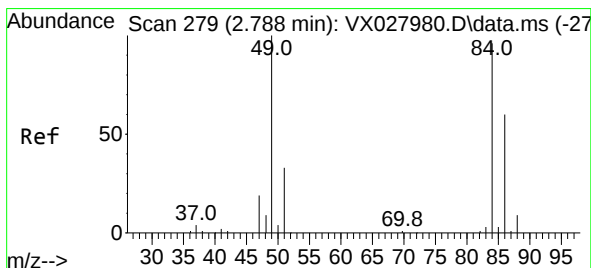
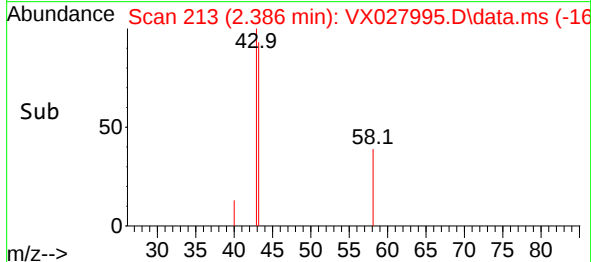
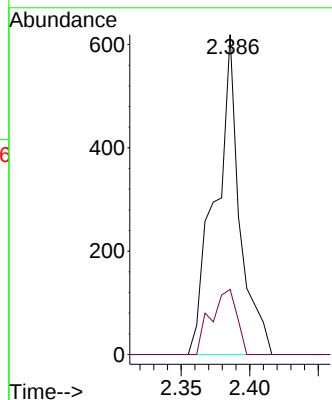
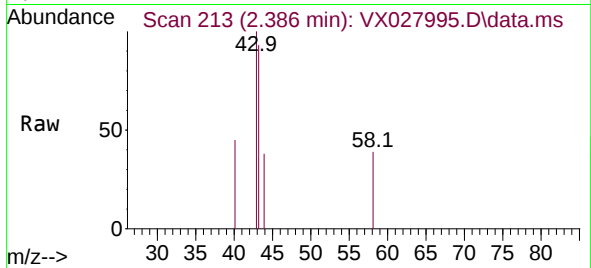




#16
Acetone
Concen: 1.527 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX027995.D
Acq: 06 Apr 2022 14:04

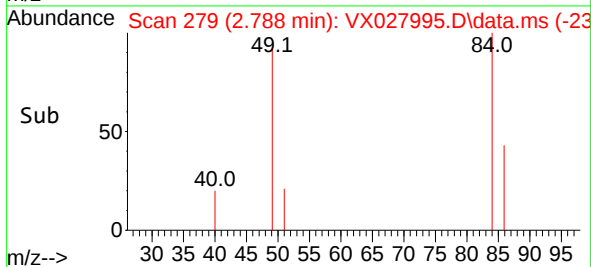
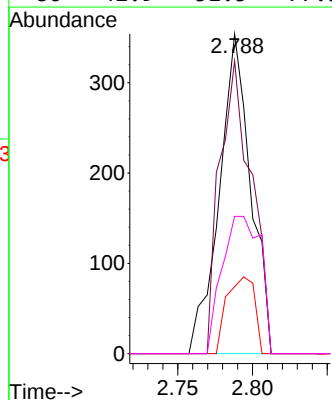
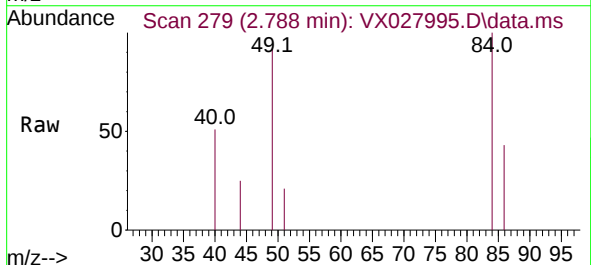
Instrument :
MSVOA_X
ClientSampleId :
31396DL

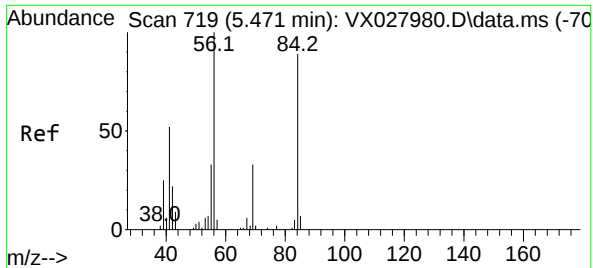
Tgt Ion: 43 Resp: 762
Ion Ratio Lower Upper
43 100
58 20.4 28.8 43.2#



#20
Methylene Chloride
Concen: 0.461 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX027995.D
Acq: 06 Apr 2022 14:04

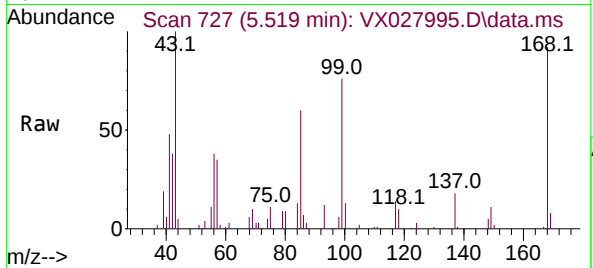
Tgt Ion: 84 Resp: 516
Ion Ratio Lower Upper
84 100
49 91.5 85.5 128.3
51 20.9 26.6 39.8#
86 42.9 51.5 77.3#



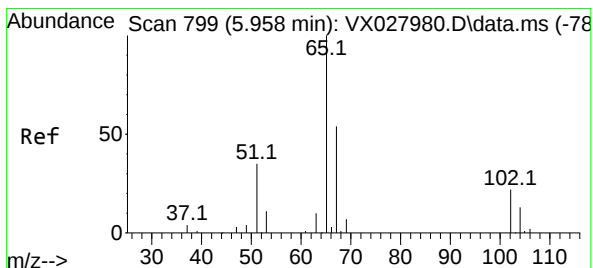
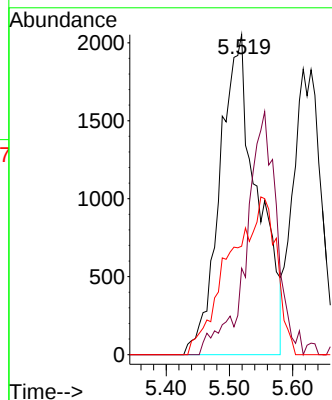
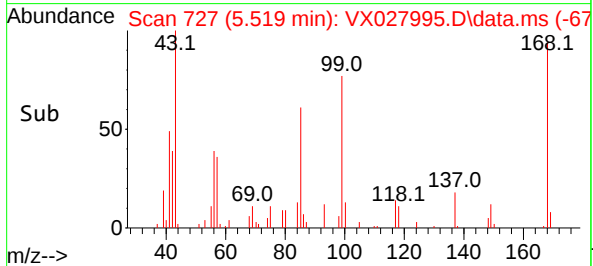


#31
Cyclohexane
Concen: 4.901 ug/l
RT: 5.519 min Scan# 719
Delta R.T. 0.048 min
Lab File: VX027995.D
Acq: 06 Apr 2022 14:04

Instrument :
MSVOA_X
ClientSampleId :
31396DL

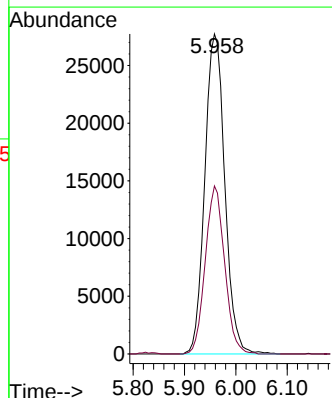
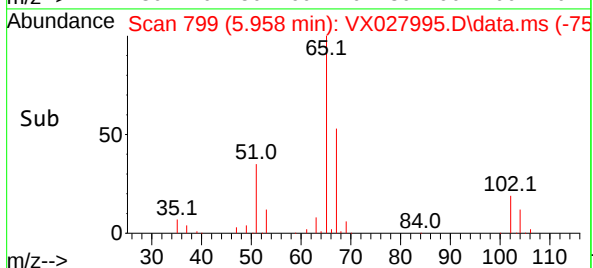
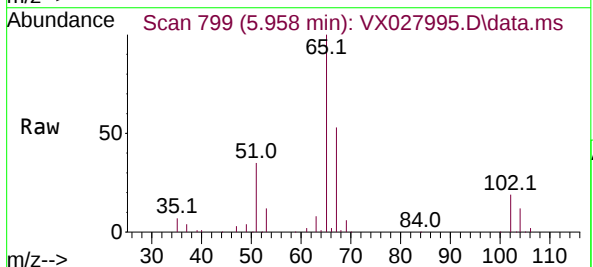


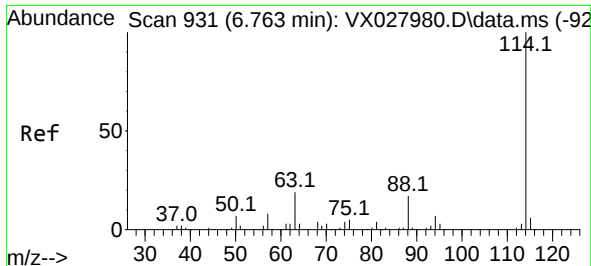
Tgt Ion: 56 Resp: 8463
Ion Ratio Lower Upper
56 100
69 27.0 26.7 40.1
84 33.9 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 56.260 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027995.D
Acq: 06 Apr 2022 14:04

Tgt Ion: 65 Resp: 75023
Ion Ratio Lower Upper
65 100
67 50.8 0.0 107.4

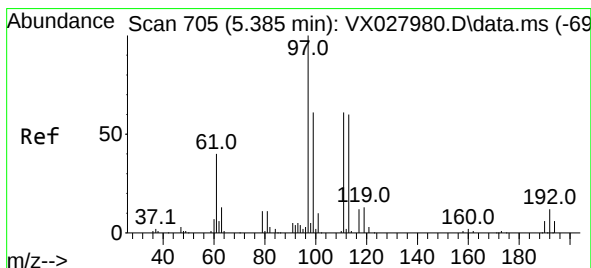
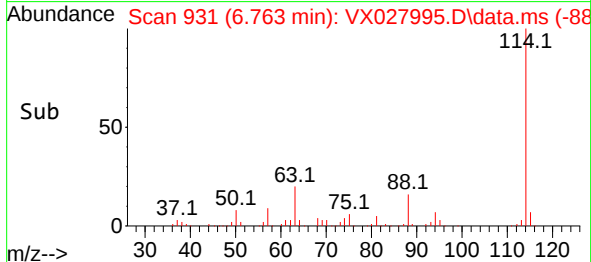
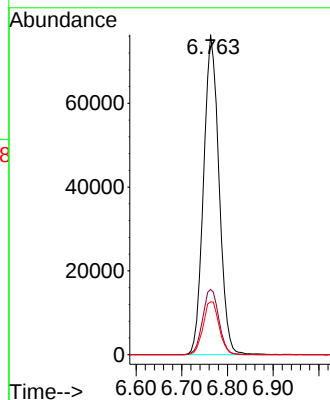
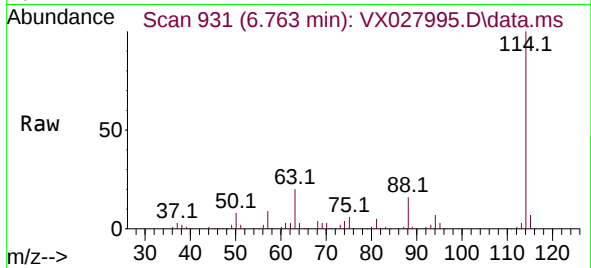




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 913
Delta R.T. -0.000 min
Lab File: VX027995.D
Acq: 06 Apr 2022 14:04

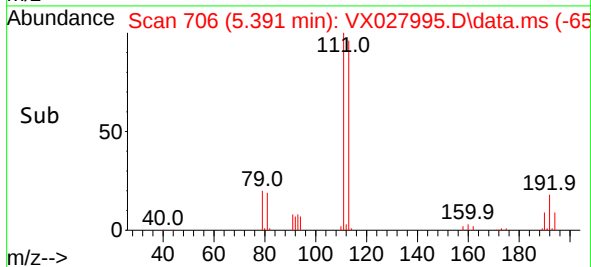
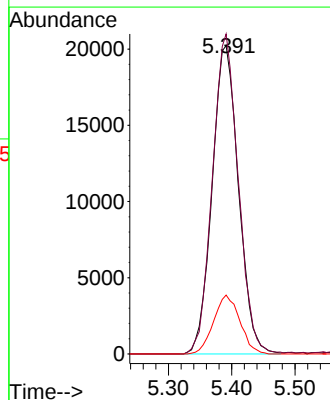
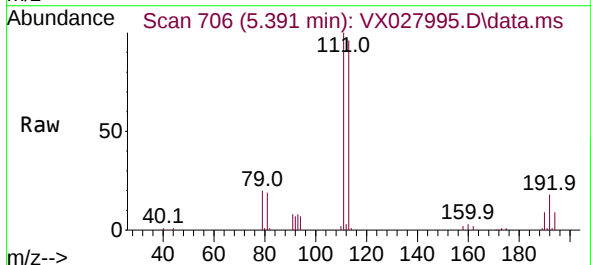
Instrument :
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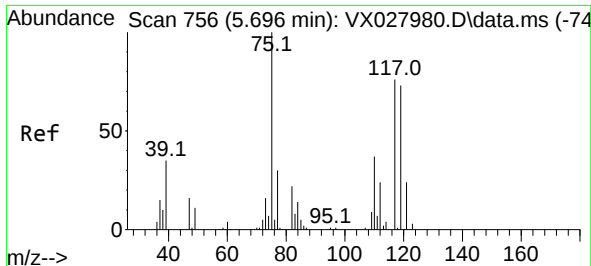
Tgt Ion:114 Resp: 178938
Ion Ratio Lower Upper
114 100
63 20.4 0.0 36.8
88 16.5 0.0 32.4



#35
Dibromofluoromethane
Concen: 48.362 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX027995.D
Acq: 06 Apr 2022 14:04

Tgt Ion:113 Resp: 58563
Ion Ratio Lower Upper
113 100
111 101.8 82.8 124.2
192 19.0 16.9 25.3





#36

1,1-Dichloropropene

Concen: 5.551 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX027995.D

Acq: 06 Apr 2022 14:04

Instrument :

MSVOA_X

ClientSampleId :

31396DL

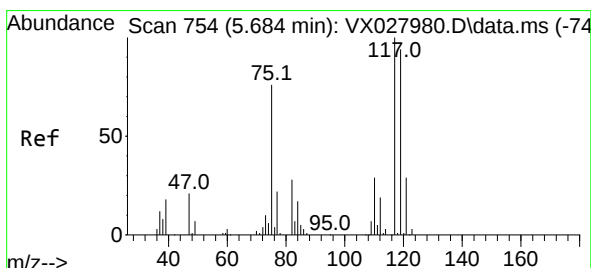
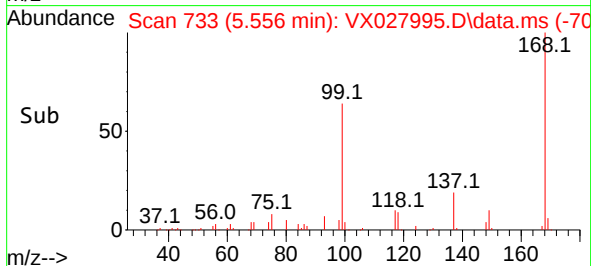
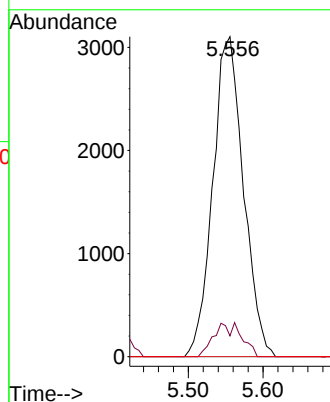
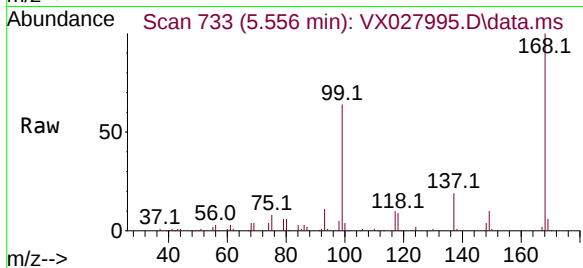
Tgt Ion: 75 Resp: 8838

Ion Ratio Lower Upper

75 100

110 5.7 18.3 54.8#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.396 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.134 min

Lab File: VX027995.D

Acq: 06 Apr 2022 14:04

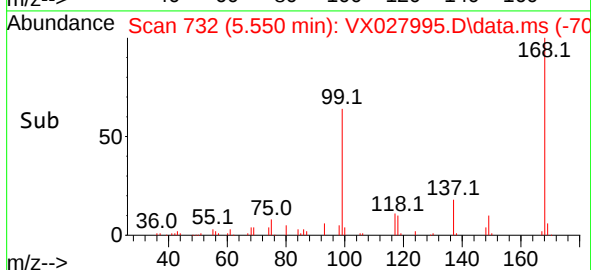
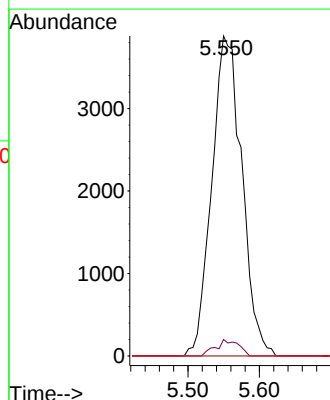
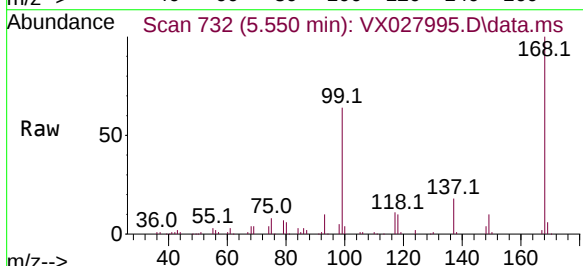
Tgt Ion:117 Resp: 11317

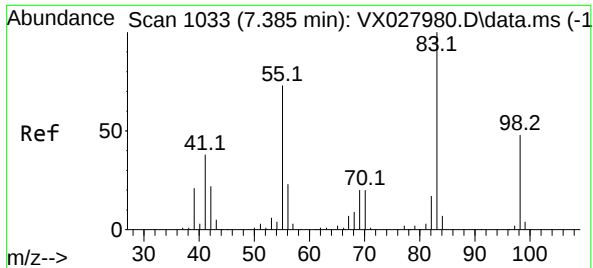
Ion Ratio Lower Upper

117 100

119 5.2 77.3 115.9#

121 0.0 24.2 36.2#

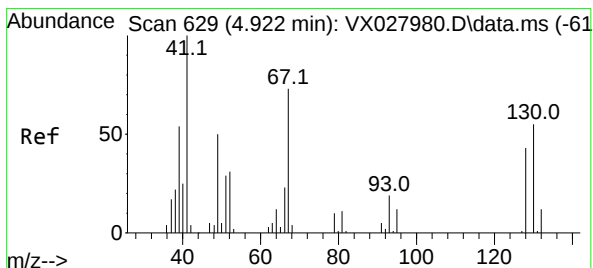
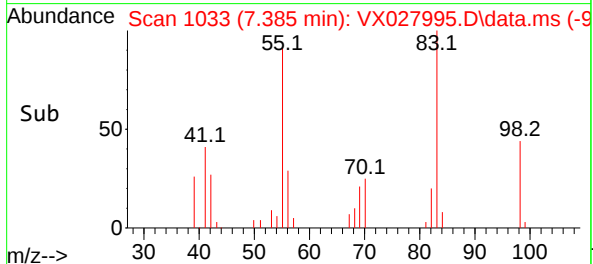
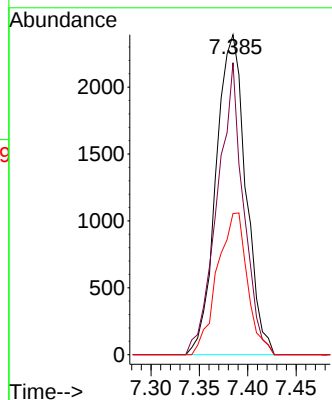
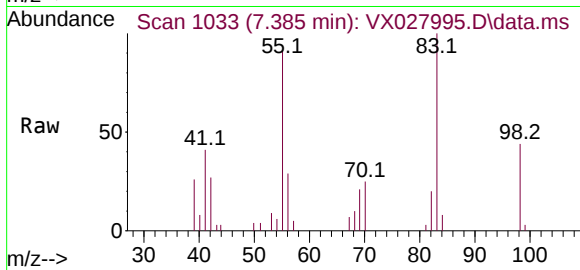




#39
Methylcyclohexane
Concen: 2.572 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX027995.D
Acq: 06 Apr 2022 14:04

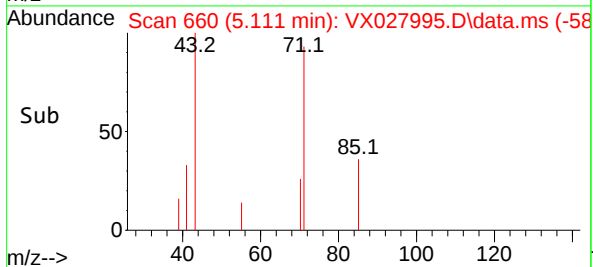
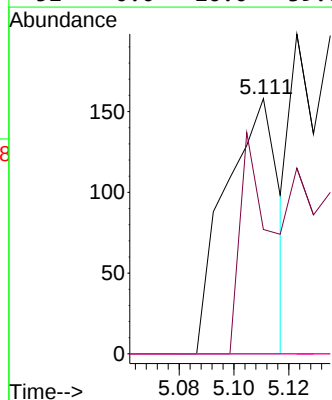
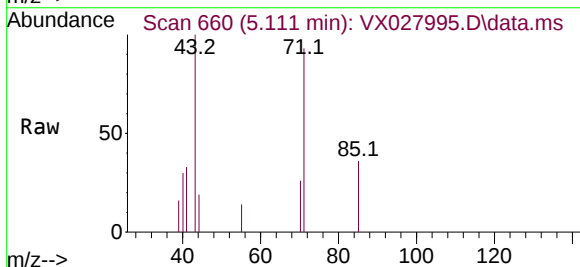
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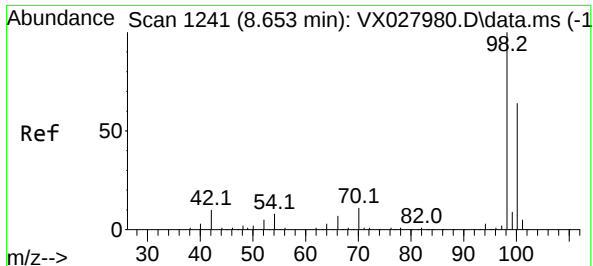
Tgt Ion: 83 Resp: 5124
Ion Ratio Lower Upper
83 100
55 91.3 54.6 81.8#
98 44.1 37.4 56.2



#41
Methacrylonitrile
Concen: 0.248 ug/l
RT: 5.111 min Scan# 660
Delta R.T. 0.189 min
Lab File: VX027995.D
Acq: 06 Apr 2022 14:04

Tgt Ion: 41 Resp: 213
Ion Ratio Lower Upper
41 100
39 49.3 43.0 64.4
67 0.0 70.2 105.4#
52 0.0 26.0 39.0#





#50

Toluene-d8

Concen: 47.794 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX027995.D

Acq: 06 Apr 2022 14:04

Instrument :

MSVOA_X

ClientSampleId :

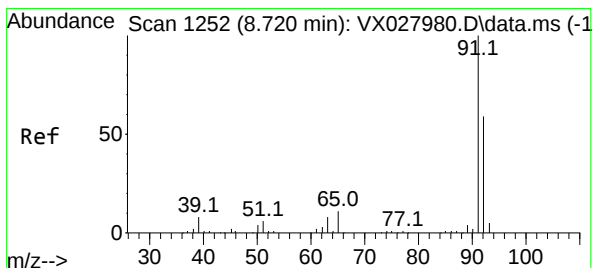
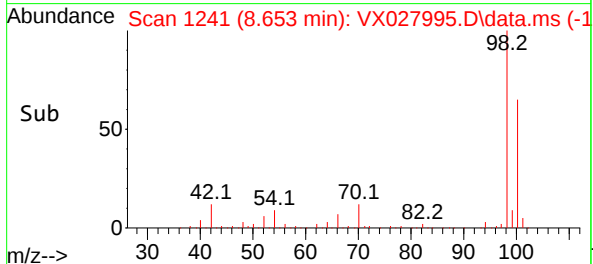
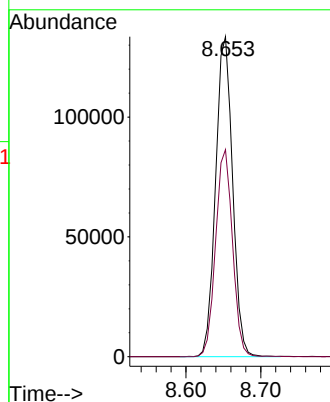
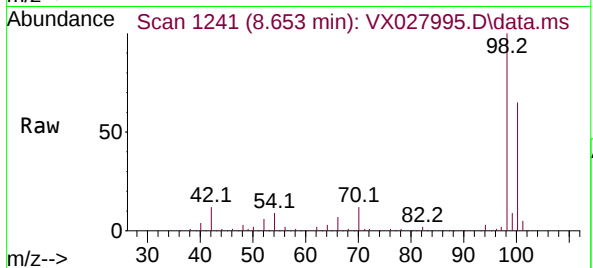
31396DL

Tgt Ion: 98 Resp: 211452

Ion Ratio Lower Upper

98 100

100 64.4 52.6 78.8



#52

Toluene

Concen: 45.876 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX027995.D

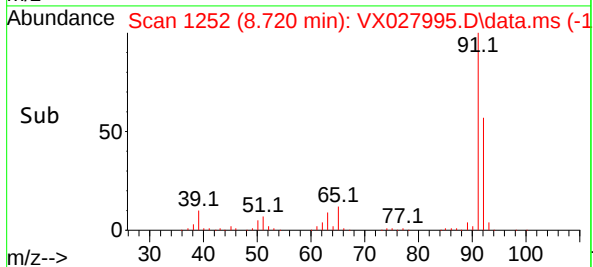
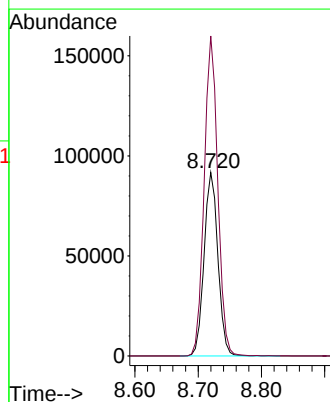
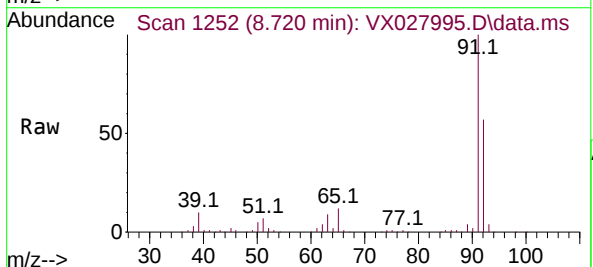
Acq: 06 Apr 2022 14:04

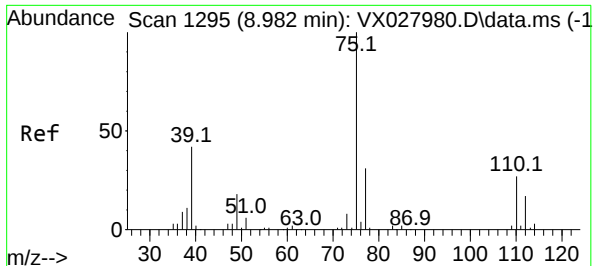
Tgt Ion: 92 Resp: 139717

Ion Ratio Lower Upper

92 100

91 171.0 137.5 206.3

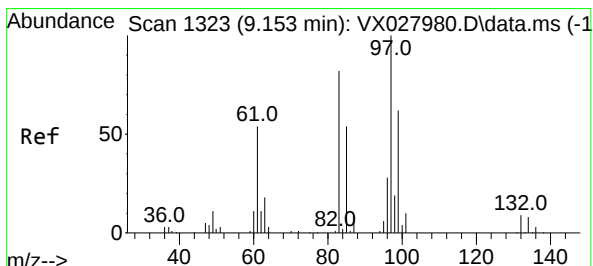
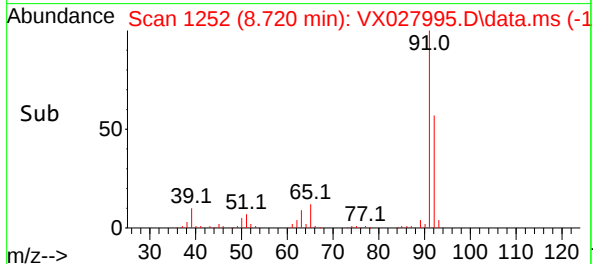
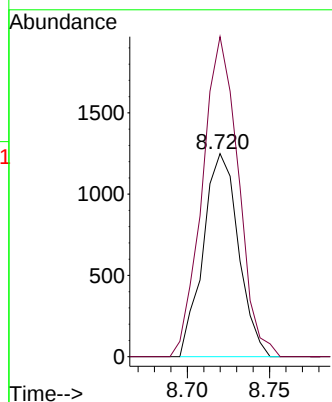
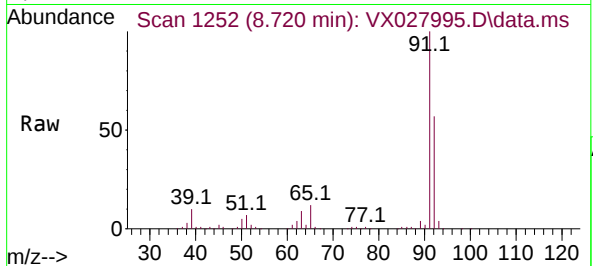




#53
t-1,3-Dichloropropene
Concen: 1.115 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.262 min
Lab File: VX027995.D
Acq: 06 Apr 2022 14:04

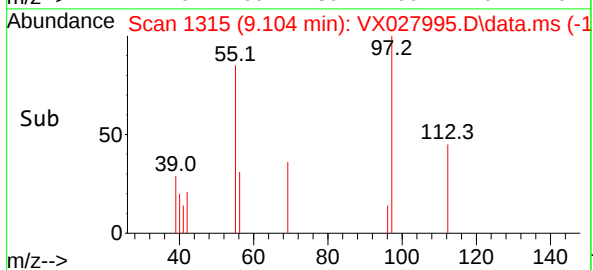
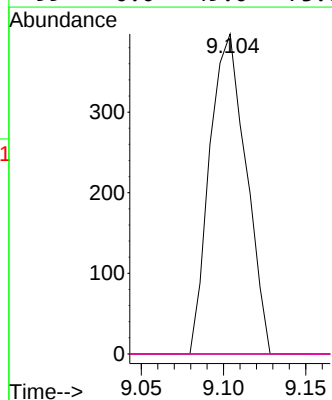
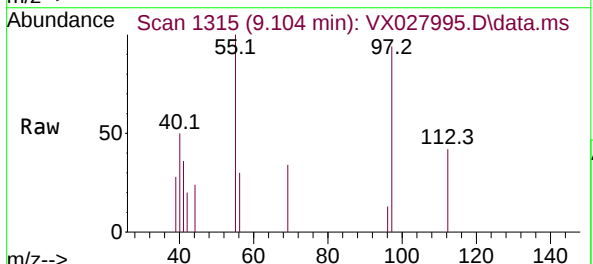
Instrument :
MSVOA_X
ClientSampleId :
31396DL

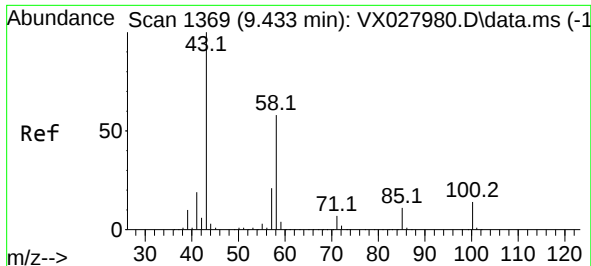
Tgt Ion: 75 Resp: 1868
Ion Ratio Lower Upper
75 100
77 157.6 25.4 38.0#



#55
1,1,2-Trichloroethane
Concen: 0.490 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.049 min
Lab File: VX027995.D
Acq: 06 Apr 2022 14:04

Tgt Ion: 97 Resp: 612
Ion Ratio Lower Upper
97 100
83 0.0 66.2 99.4#
85 0.0 42.9 64.3#
99 0.0 49.0 73.6#





#59

2-Hexanone

Concen: 0.479 ug/l

RT: 9.390 min Scan# 11

Delta R.T. -0.043 min

Lab File: VX027995.D

Acq: 06 Apr 2022 14:04

Instrument :

MSVOA_X

ClientSampleId :

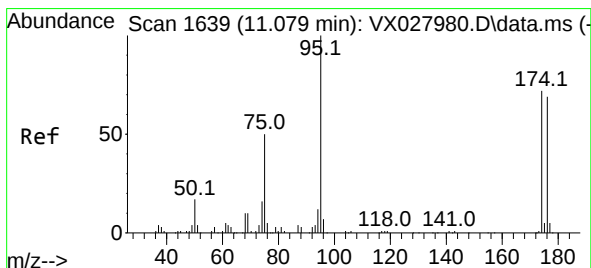
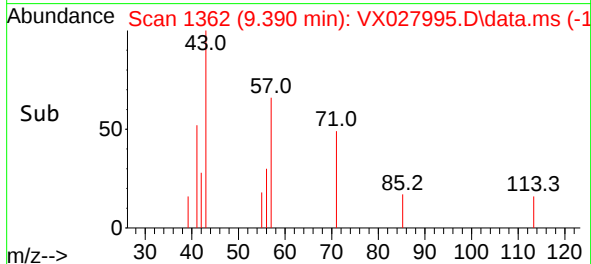
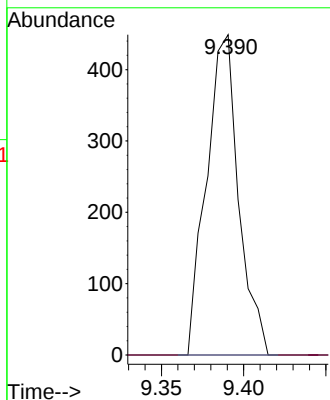
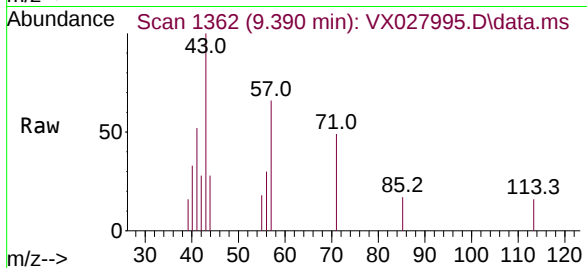
31396DL

Tgt Ion: 43 Resp: 612

Ion Ratio Lower Upper

43 100

58 0.0 31.9 95.7#



#62

4-Bromofluorobenzene

Concen: 50.610 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX027995.D

Acq: 06 Apr 2022 14:04

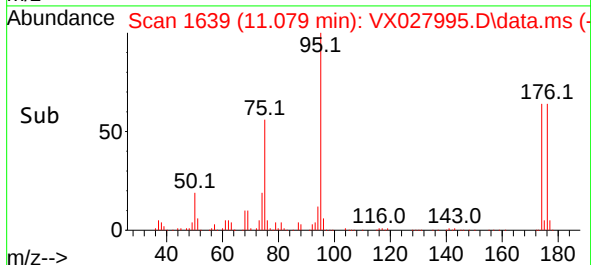
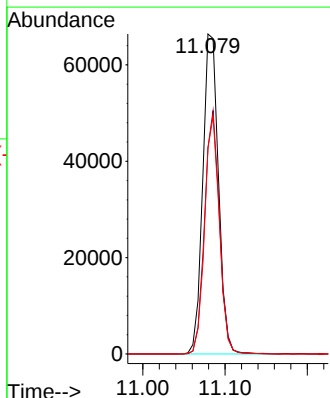
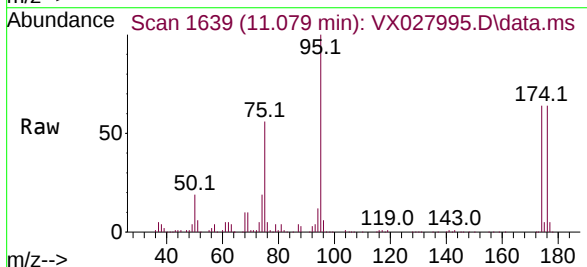
Tgt Ion: 95 Resp: 88053

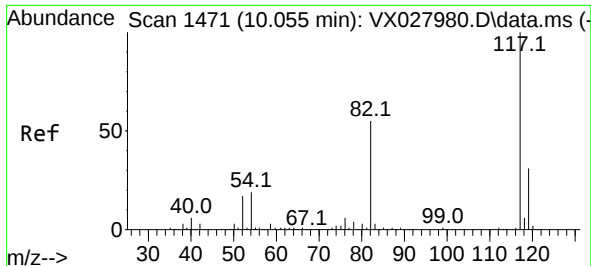
Ion Ratio Lower Upper

95 100

174 72.1 0.0 163.0

176 69.6 0.0 155.0

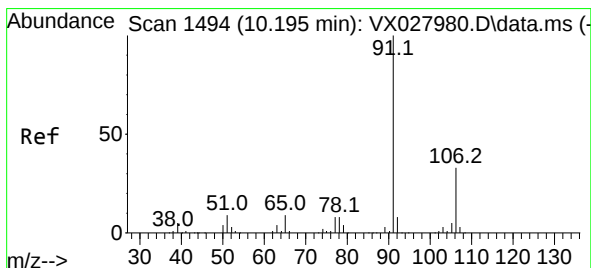
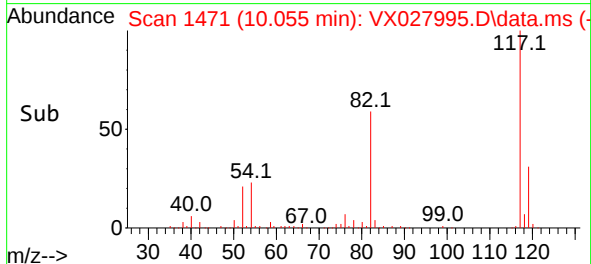
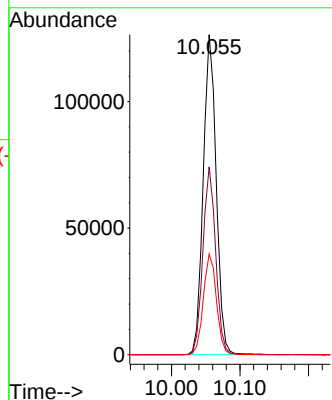
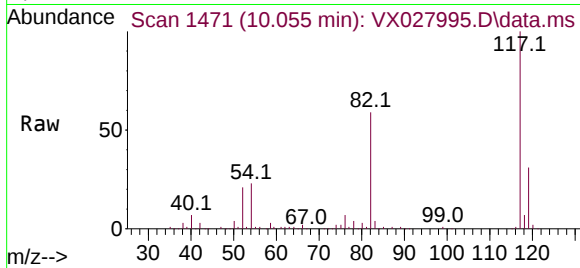




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027995.D
Acq: 06 Apr 2022 14:04

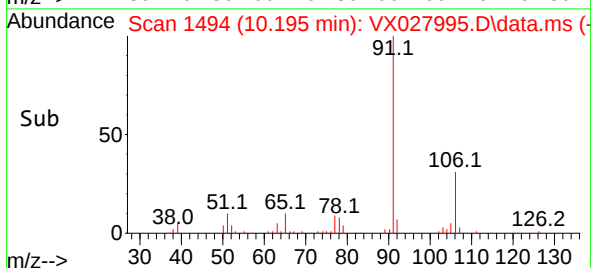
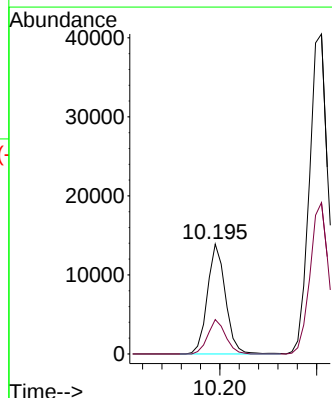
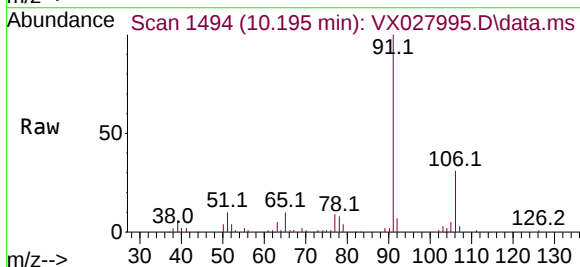
Instrument :
MSVOA_X
ClientSampleId :
31396DL

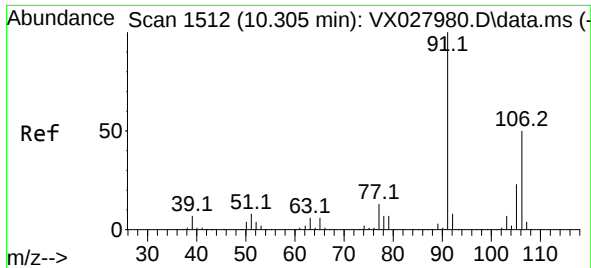
Tgt Ion:117 Resp: 166944
Ion Ratio Lower Upper
117 100
82 58.7 41.8 62.8
119 31.4 24.8 37.2



#67
Ethyl Benzene
Concen: 2.988 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX027995.D
Acq: 06 Apr 2022 14:04

Tgt Ion: 91 Resp: 18030
Ion Ratio Lower Upper
91 100
106 31.2 24.6 36.8

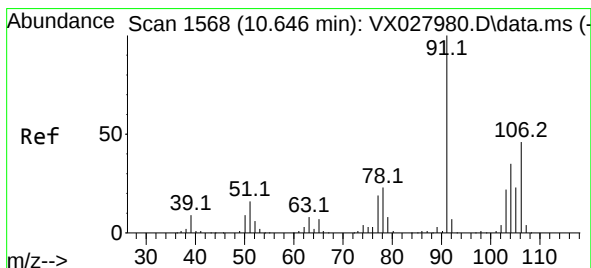
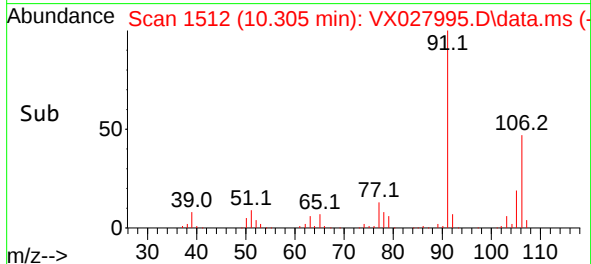
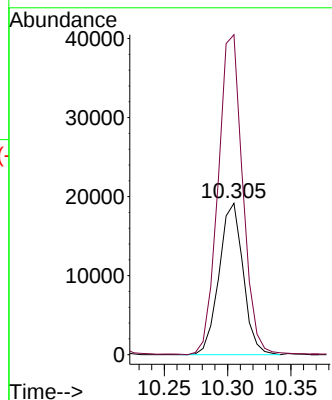
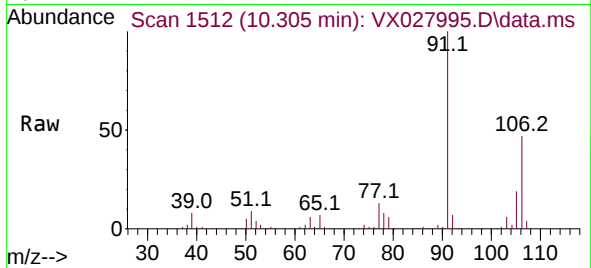




#68
m/p-Xylenes
Concen: 10.666 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX027995.D
Acq: 06 Apr 2022 14:04

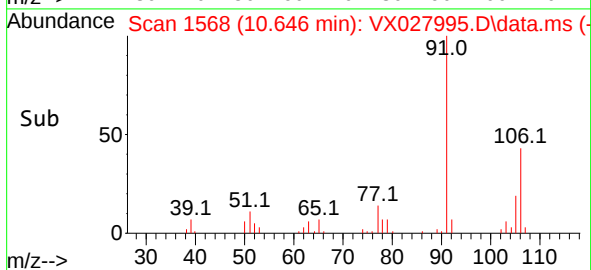
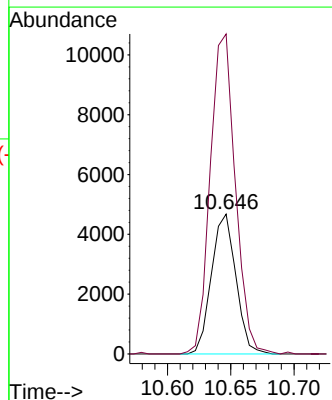
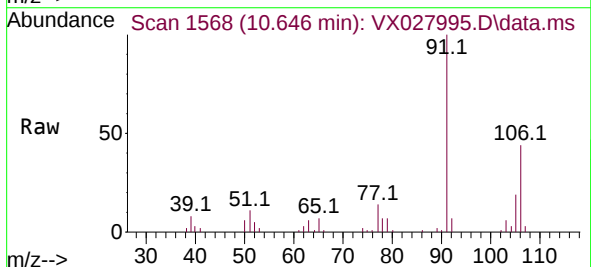
Instrument :
MSVOA_X
ClientSampleId :
31396DL

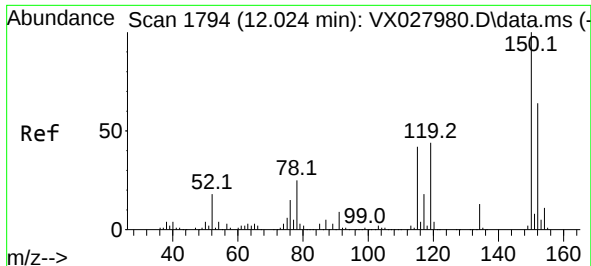
Tgt Ion:106 Resp: 25298
Ion Ratio Lower Upper
106 100
91 215.8 160.4 240.6



#69
o-Xylene
Concen: 2.740 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX027995.D
Acq: 06 Apr 2022 14:04

Tgt Ion:106 Resp: 6290
Ion Ratio Lower Upper
106 100
91 235.1 106.1 318.1

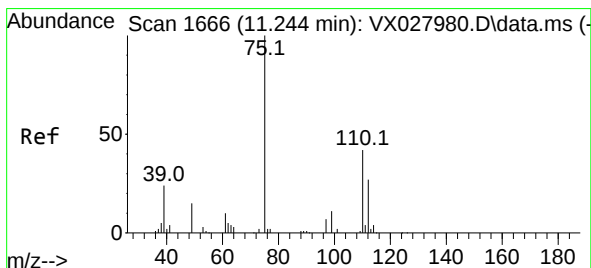
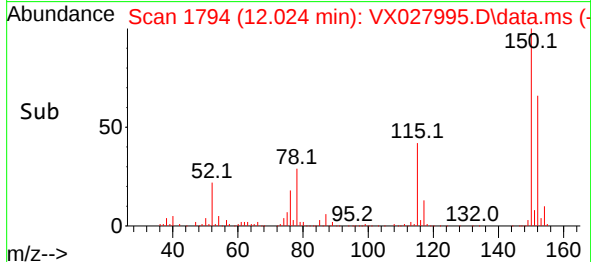
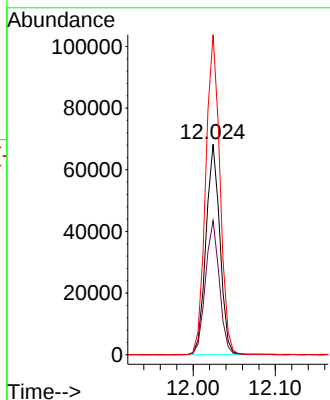
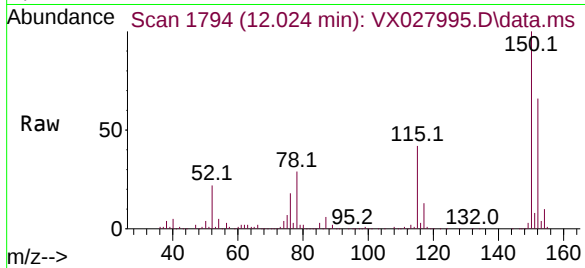




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX027995.D
 Acq: 06 Apr 2022 14:04

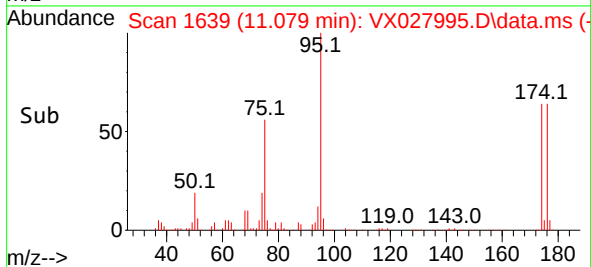
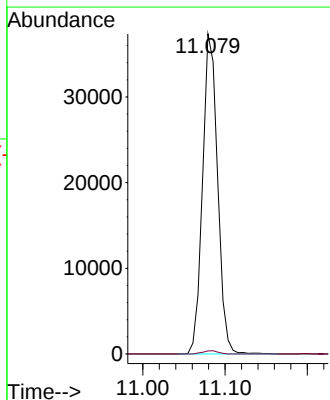
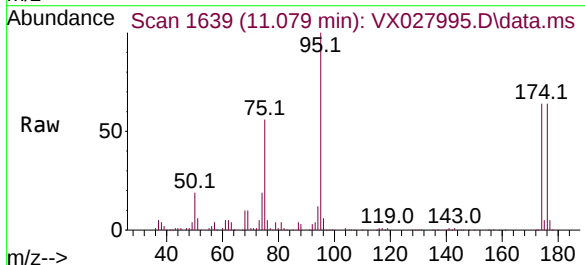
Instrument :
 MSVOA_X
 ClientSampleId :
 31396DL

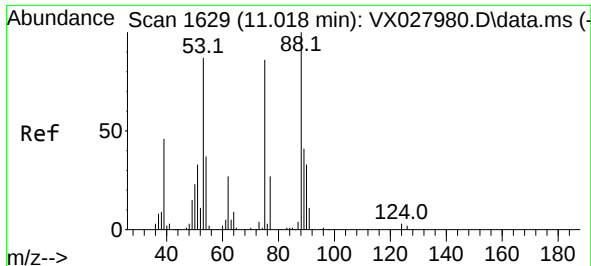
Tgt Ion:152 Resp: 80207
 Ion Ratio Lower Upper
 152 100
 115 63.8 37.5 112.7
 150 155.7 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 28.815 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX027995.D
 Acq: 06 Apr 2022 14:04

Tgt Ion: 75 Resp: 47452
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.4 58.2#

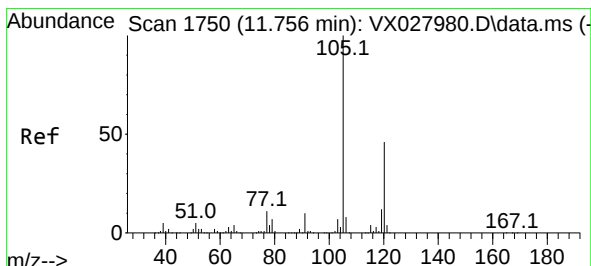
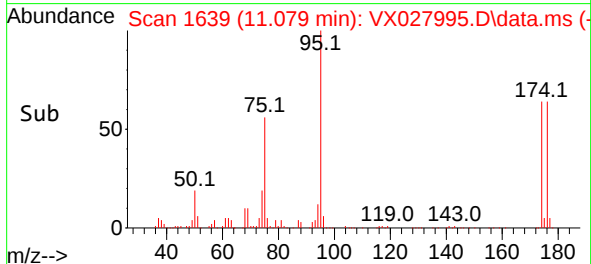
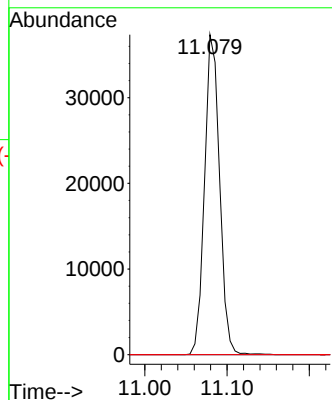
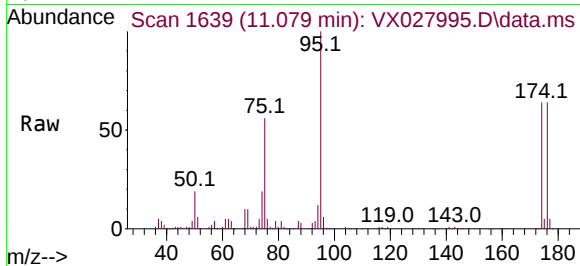




#81
trans-1,4-Dichloro-2-butene
Concen: 90.842 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027995.D
Acq: 06 Apr 2022 14:04

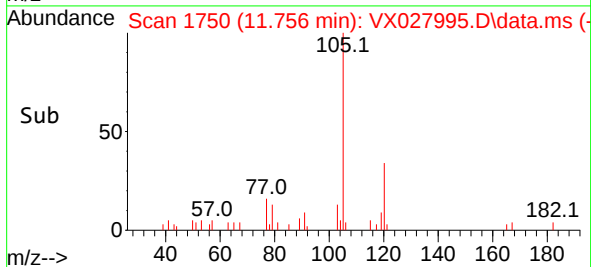
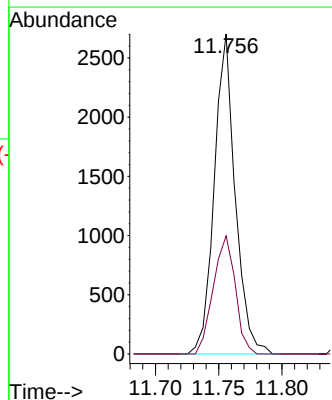
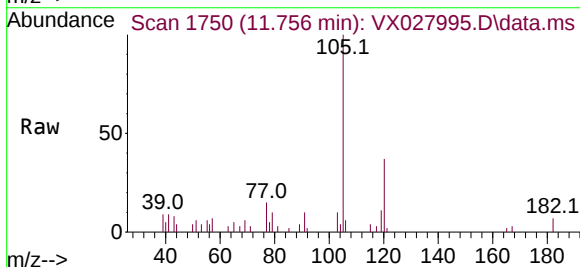
Instrument :
MSVOA_X
ClientSampleId :
31396DL

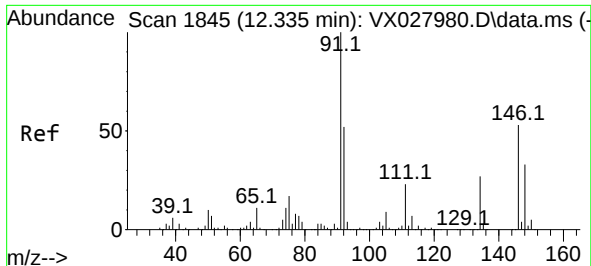
Tgt Ion: 75 Resp: 47452
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#84
1,2,4-Trimethylbenzene
Concen: 0.638 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX027995.D
Acq: 06 Apr 2022 14:04

Tgt Ion:105 Resp: 3107
Ion Ratio Lower Upper
105 100
120 38.7 22.6 67.8





#89

n-Butylbenzene

Concen: 0.239 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX027995.D

Acq: 06 Apr 2022 14:04

Instrument :

MSVOA_X

ClientSampleId :

31396DL

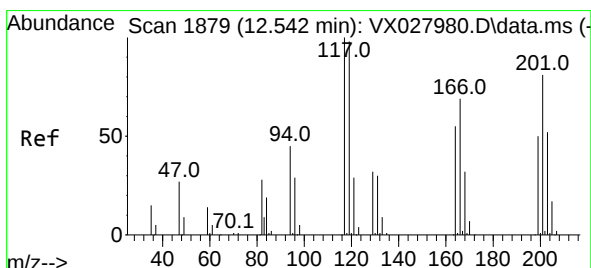
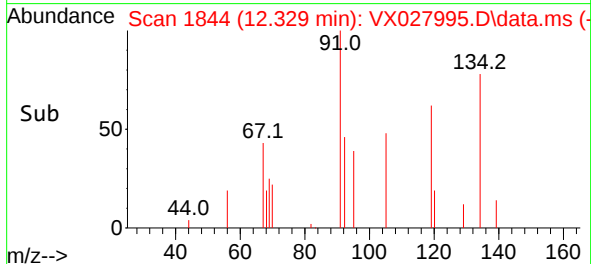
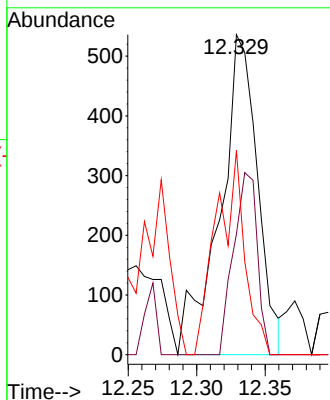
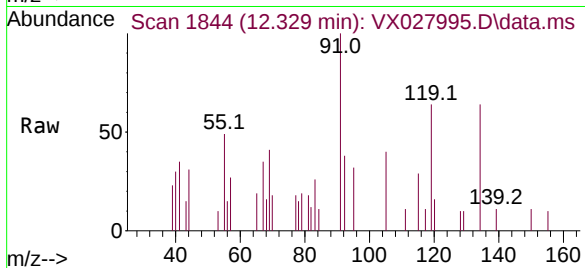
Tgt Ion: 91 Resp: 1020

Ion Ratio Lower Upper

91 100

92 36.0 27.8 83.3

134 26.2 13.3 39.8



#90

Hexachloroethane

Concen: 0.273 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.006 min

Lab File: VX027995.D

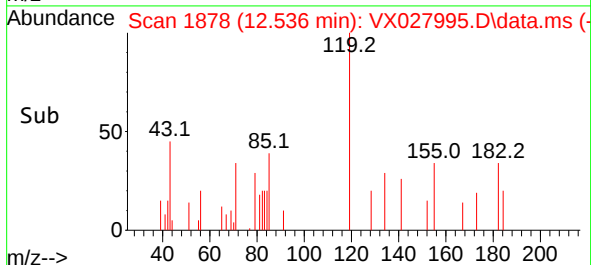
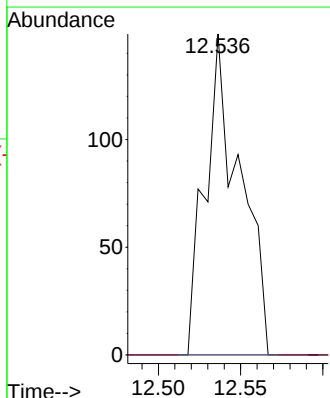
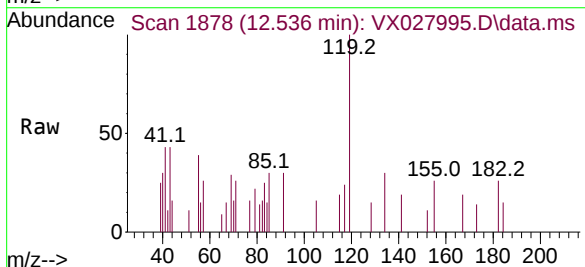
Acq: 06 Apr 2022 14:04

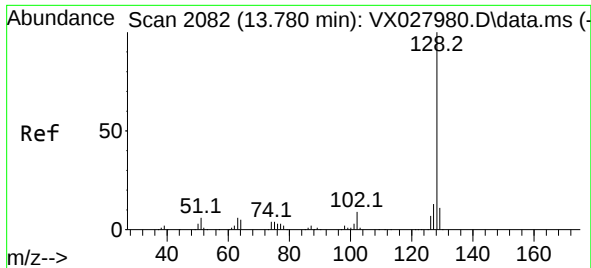
Tgt Ion: 117 Resp: 219

Ion Ratio Lower Upper

117 100

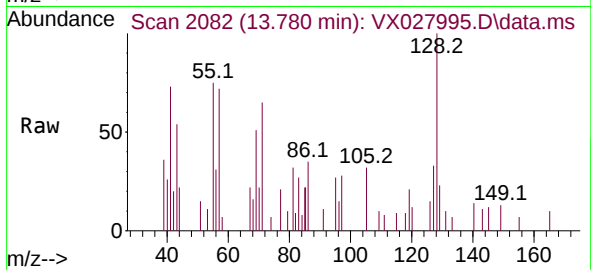
201 0.0 39.5 118.5#





#95
Naphthalene
Concen: 0.203 ug/l
RT: 13.780 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX027995.D
Acq: 06 Apr 2022 14:04

Instrument :
MSVOA_X
ClientSampleId :
31396DL



Tgt Ion:	128	Resp:	1142
Ion	Ratio	Lower	Upper
128	100		
127	26.6	10.2	15.4#
129	33.3	8.7	13.1#

