

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020722\
 Data File : VX026783.D
 Acq On : 07 Feb 2022 14:43
 Operator : JC/MD
 Sample : N1359-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB020122

Quant Time: Feb 07 23:29:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	130509	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	216636	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	196004	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82731	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82907	45.476	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.960%
35) Dibromofluoromethane	5.391	113	67144	47.995	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.000%
50) Toluene-d8	8.653	98	252848	50.155	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.320%
62) 4-Bromofluorobenzene	11.079	95	91632	51.167	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.340%

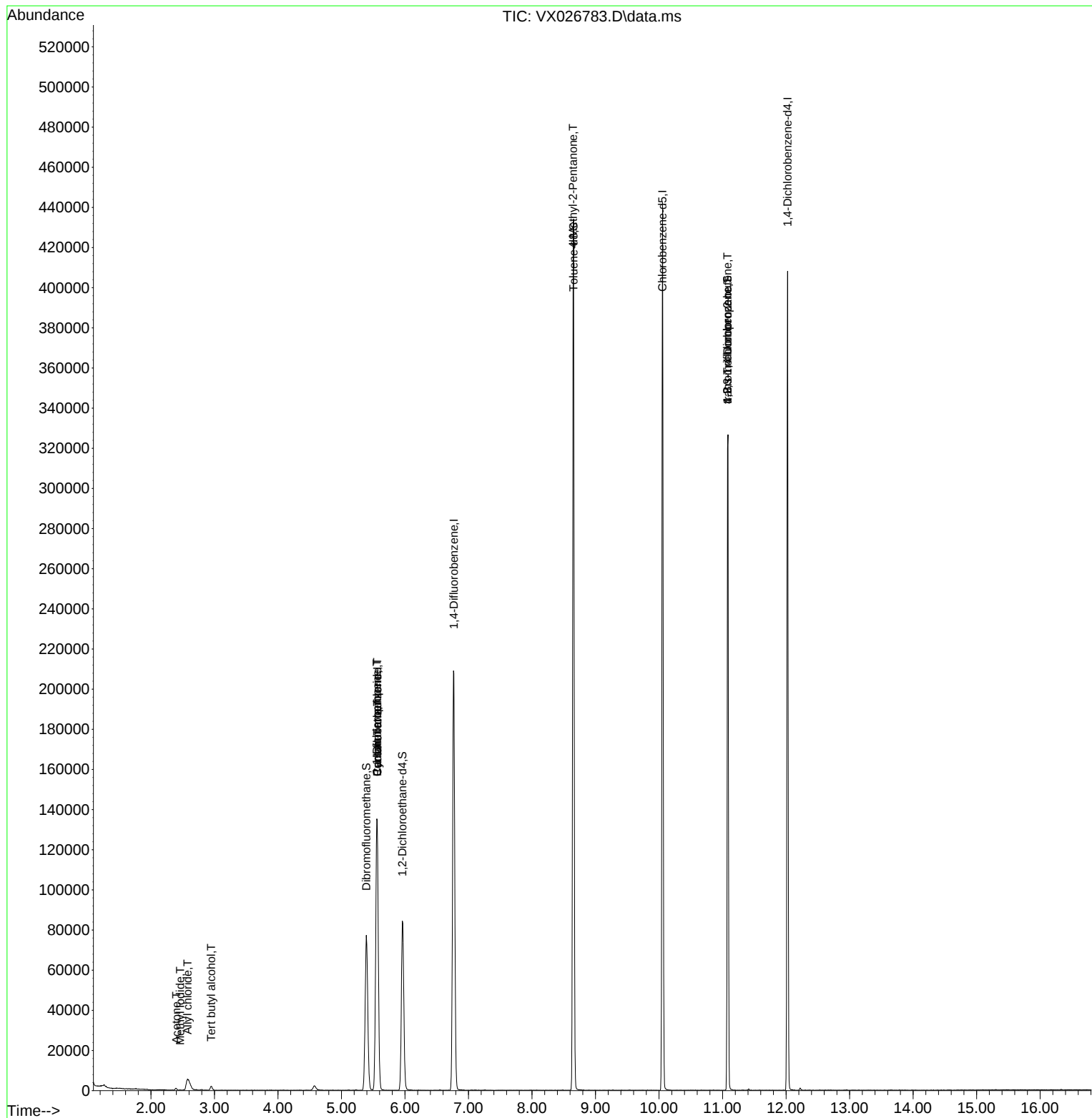
Target Compounds					Qvalue	
10) Methyl Iodide	2.459	142	124	4.519	ug/l #	37
11) Tert butyl alcohol	2.947	59	1239	4.885	ug/l #	75
14) Allyl chloride	2.575	41	987	0.394	ug/l #	61
16) Acetone	2.398	43	1248	1.342	ug/l	98
31) Cyclohexane	5.562	56	2559	0.952	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9668	4.378	ug/l #	50
38) Carbon Tetrachloride	5.562	117	13544	5.962	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1048	0.490	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	45006	24.707	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	45006	75.159	ug/l #	3

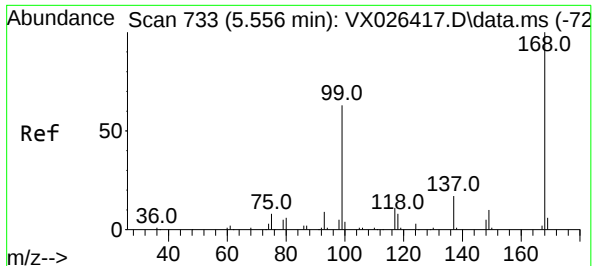
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020722\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
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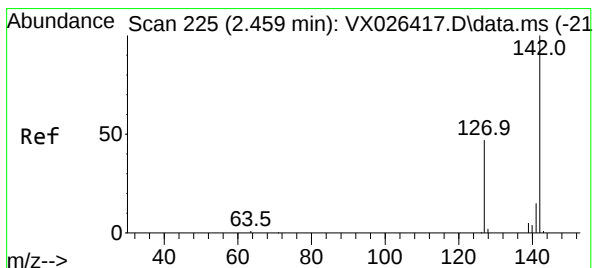
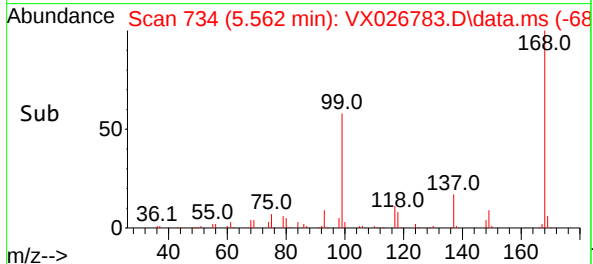
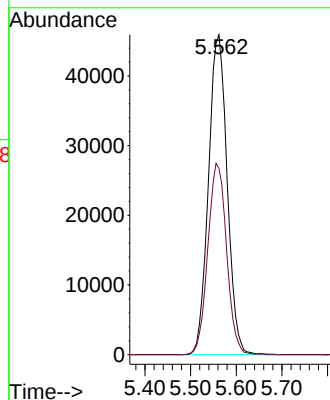
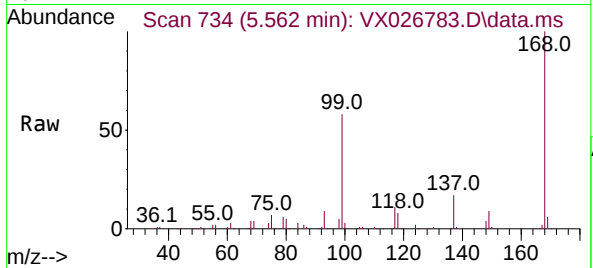




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026783.D
Acq: 07 Feb 2022 14:43

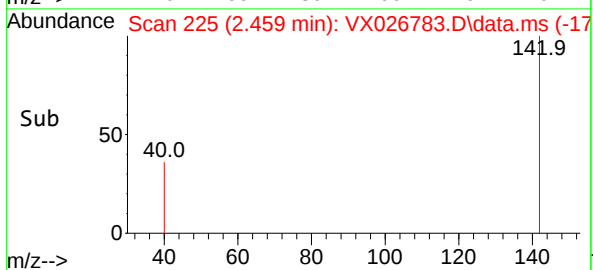
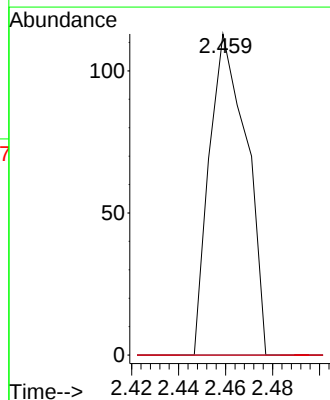
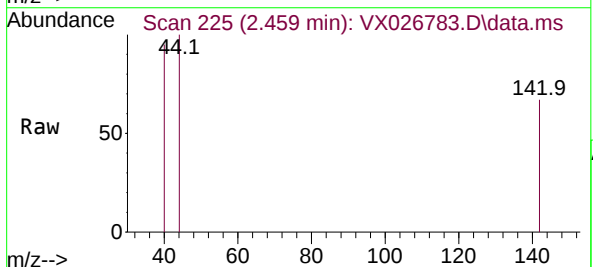
Instrument :
MSVOA_X
ClientSampleId :
FB020122

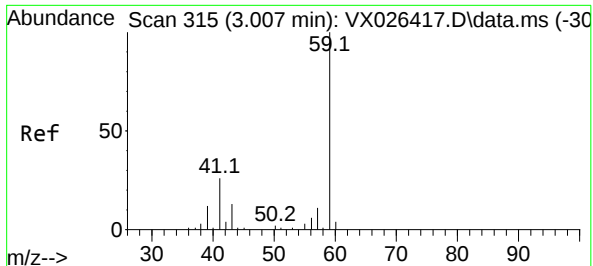
Tgt Ion:168 Resp: 130509
Ion Ratio Lower Upper
168 100
99 58.2 50.3 75.5



#10
Methyl Iodide
Concen: 4.519 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX026783.D
Acq: 07 Feb 2022 14:43

Tgt Ion:142 Resp: 124
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#





#11

Tert butyl alcohol

Concen: 4.885 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.060 min

Lab File: VX026783.D

Acq: 07 Feb 2022 14:43

Instrument :

MSVOA_X

ClientSampleId :

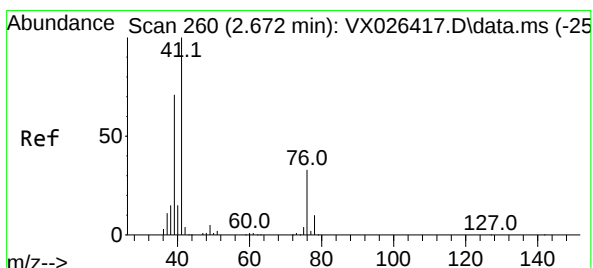
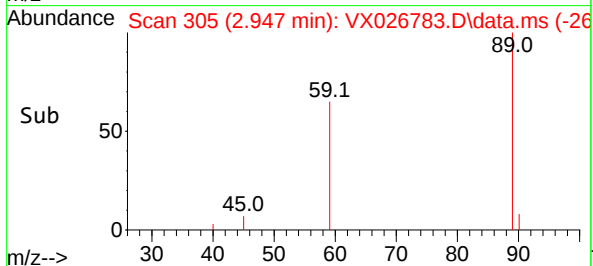
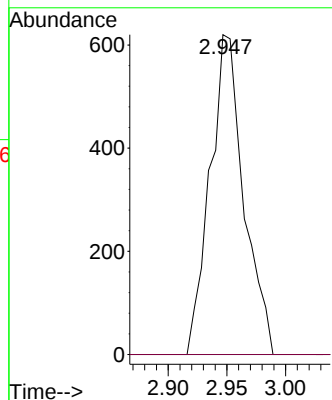
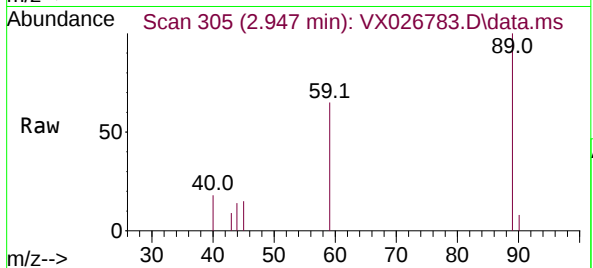
FB020122

Tgt Ion: 59 Resp: 1239

Ion Ratio Lower Upper

59 100

57 0.0 7.2 10.8#



#14

Allyl chloride

Concen: 0.394 ug/l

RT: 2.575 min Scan# 244

Delta R.T. -0.098 min

Lab File: VX026783.D

Acq: 07 Feb 2022 14:43

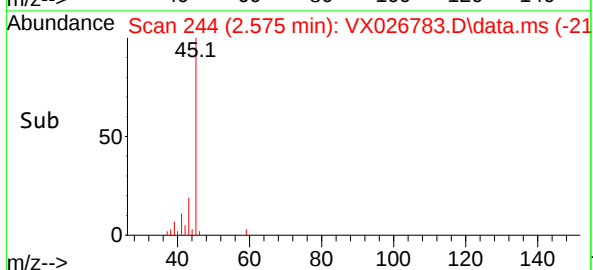
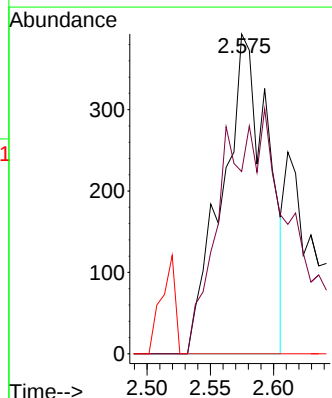
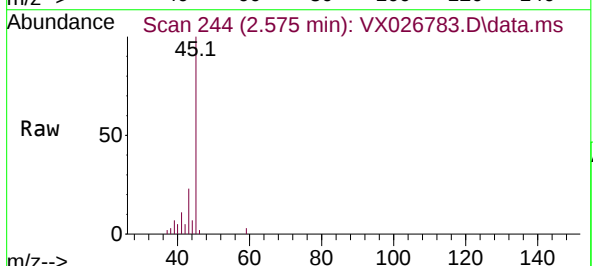
Tgt Ion: 41 Resp: 987

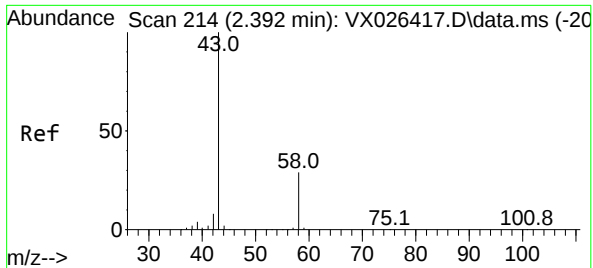
Ion Ratio Lower Upper

41 100

39 43.0 54.2 81.4#

76 0.0 25.2 37.8#

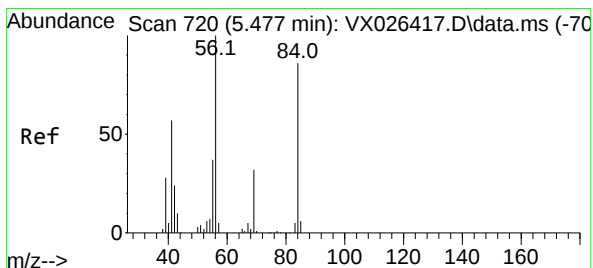
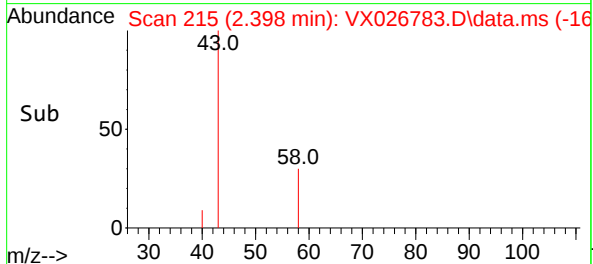
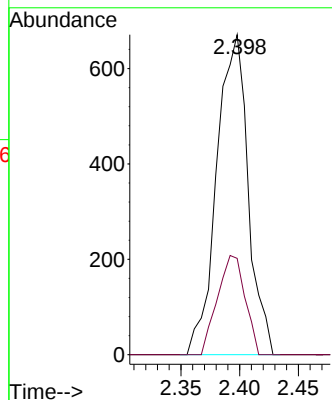
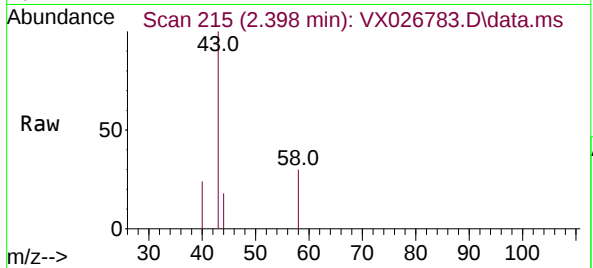




#16
Acetone
Concen: 1.342 ug/l
RT: 2.398 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX026783.D
Acq: 07 Feb 2022 14:43

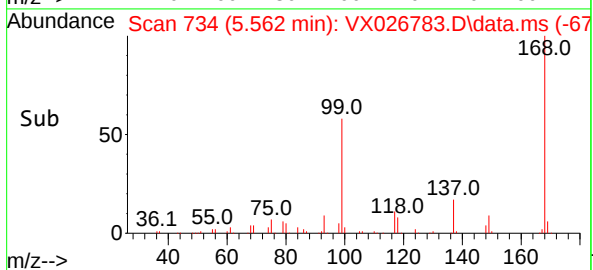
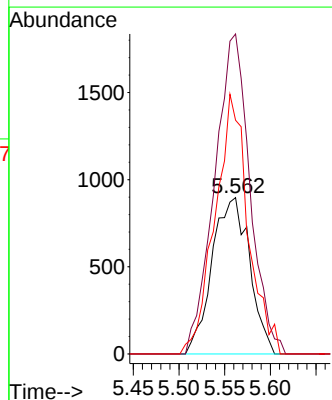
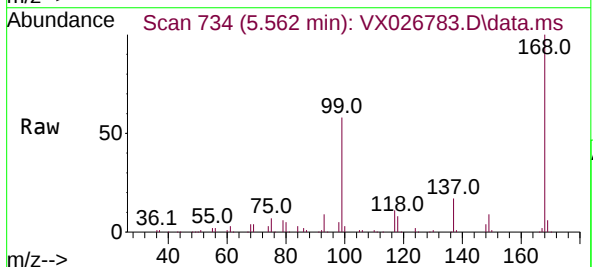
Instrument :
MSVOA_X
ClientSampleId :
FB020122

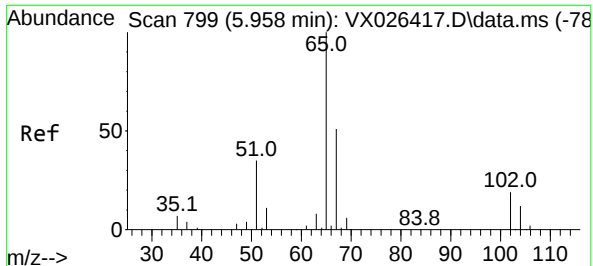
Tgt Ion: 43 Resp: 1248
Ion Ratio Lower Upper
43 100
58 30.1 23.0 34.6



#31
Cyclohexane
Concen: 0.952 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX026783.D
Acq: 07 Feb 2022 14:43

Tgt Ion: 56 Resp: 2559
Ion Ratio Lower Upper
56 100
69 204.7 25.8 38.6#
84 149.5 68.9 103.3#

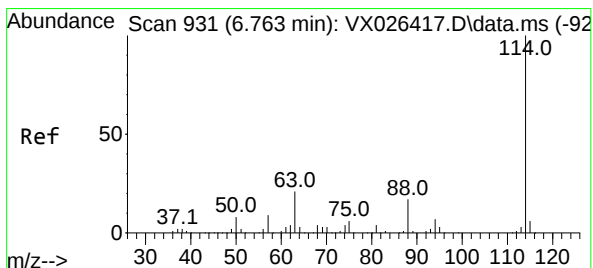
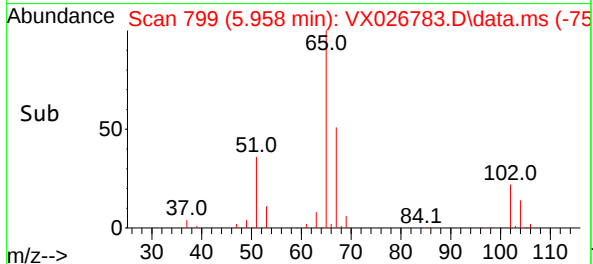
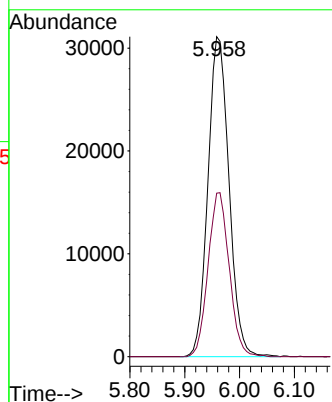
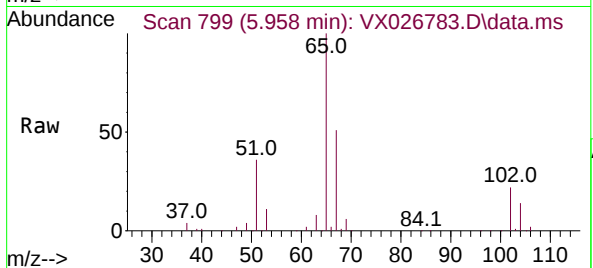




#33
 1,2-Dichloroethane-d4
 Concen: 45.476 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX026783.D
 Acq: 07 Feb 2022 14:43

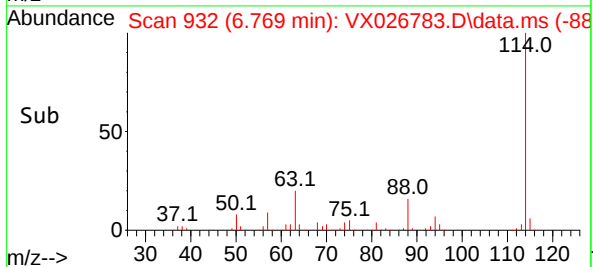
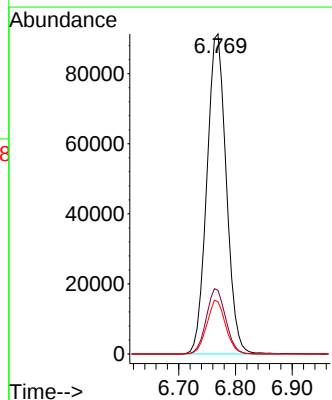
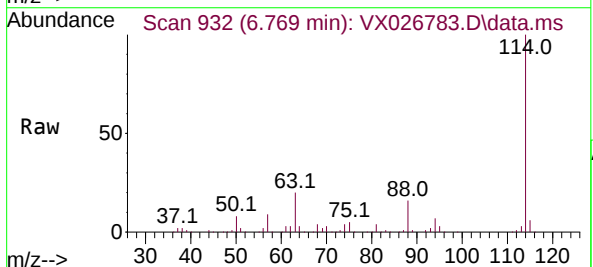
Instrument :
 MSVOA_X
 ClientSampleId :
 FB020122

Tgt Ion: 65 Resp: 82907
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.006 min
 Lab File: VX026783.D
 Acq: 07 Feb 2022 14:43

Tgt Ion: 114 Resp: 216636
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 42.8
 88 16.3 0.0 33.0





#35

Dibromofluoromethane

Concen: 47.995 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX026783.D

Acq: 07 Feb 2022 14:43

Instrument :

MSVOA_X

ClientSampleId :

FB020122

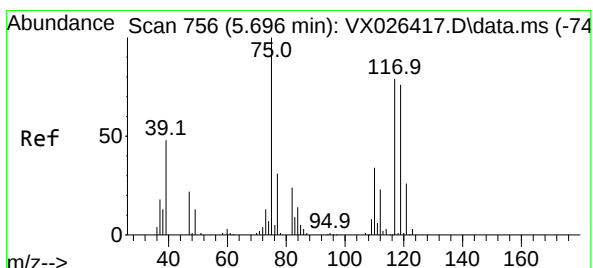
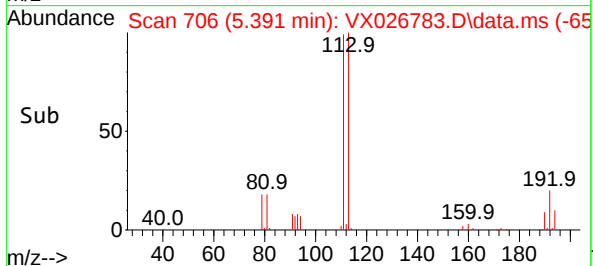
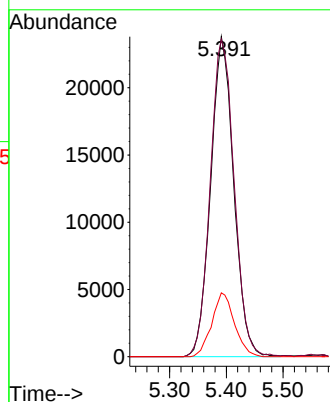
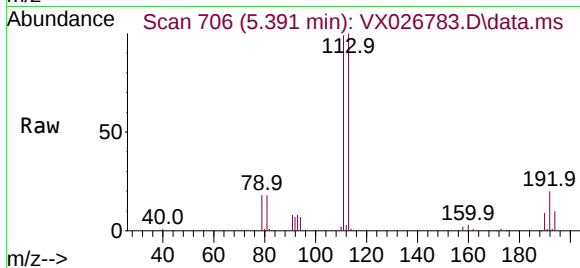
Tgt Ion:113 Resp: 67144

Ion Ratio Lower Upper

113 100

111 102.9 81.2 121.8

192 19.6 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.378 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX026783.D

Acq: 07 Feb 2022 14:43

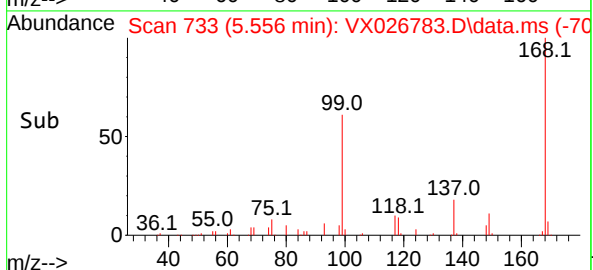
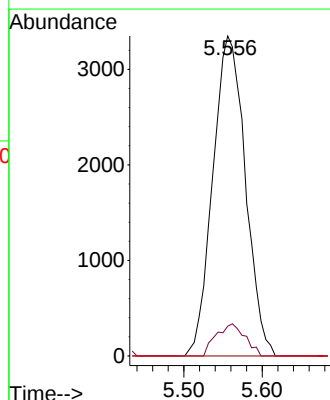
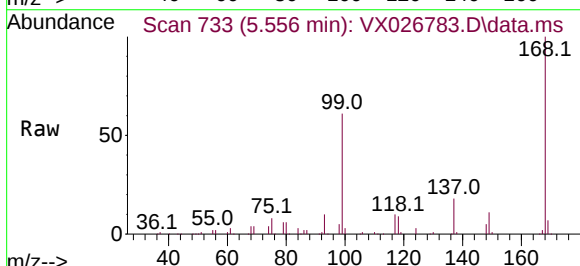
Tgt Ion: 75 Resp: 9668

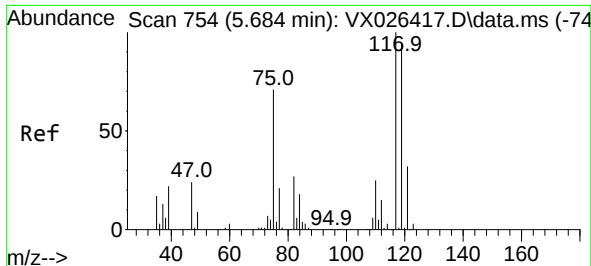
Ion Ratio Lower Upper

75 100

110 8.9 17.2 51.6#

77 0.0 24.6 36.8#

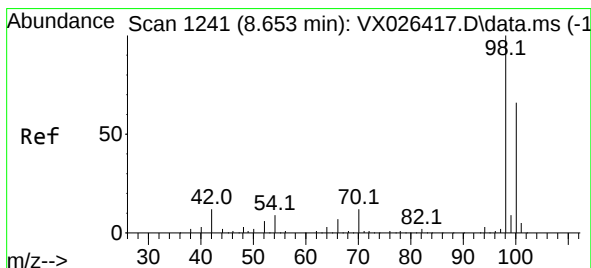
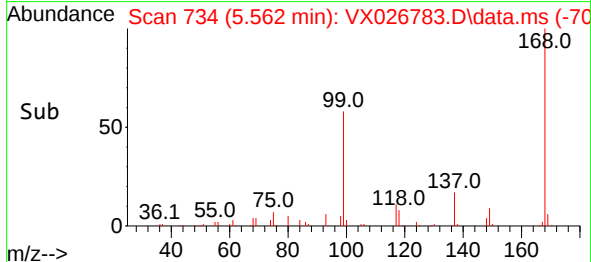
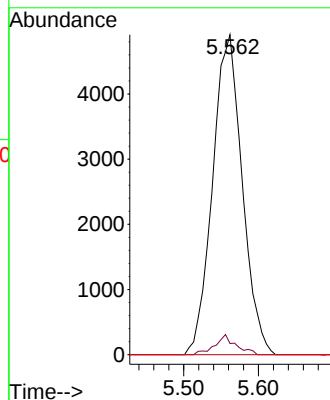
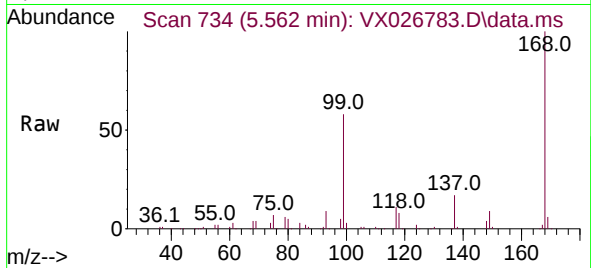




#38
Carbon Tetrachloride
Concen: 5.962 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX026783.D
Acq: 07 Feb 2022 14:43

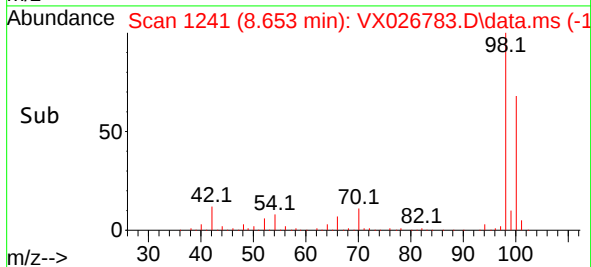
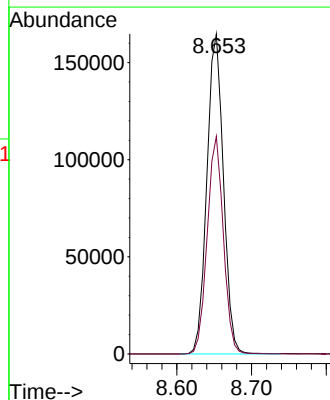
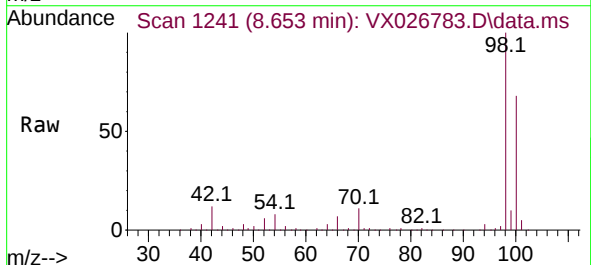
Instrument :
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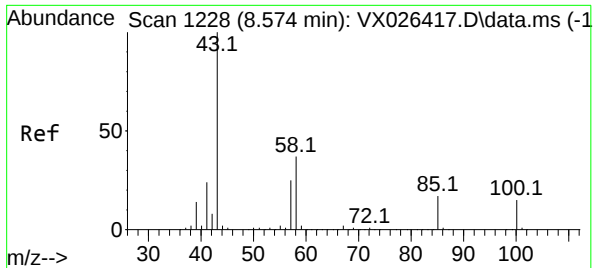
Tgt Ion:117 Resp: 13544
Ion Ratio Lower Upper
117 100
119 3.5 74.7 112.1#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 50.155 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026783.D
Acq: 07 Feb 2022 14:43

Tgt Ion: 98 Resp: 252848
Ion Ratio Lower Upper
98 100
100 66.5 53.2 79.8





#51

4-Methyl-2-Pentanone

Concen: 0.490 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX026783.D

Acq: 07 Feb 2022 14:43

Instrument :

MSVOA_X

ClientSampleId :

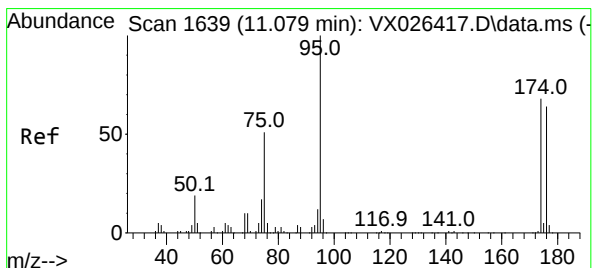
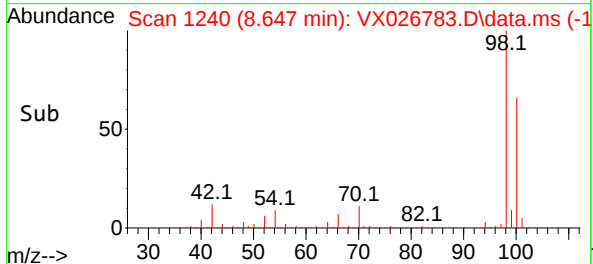
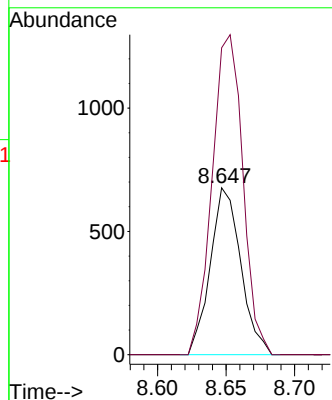
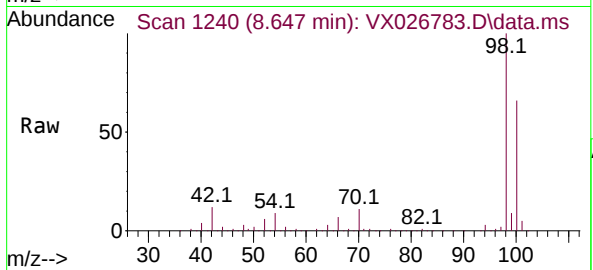
FB020122

Tgt Ion: 43 Resp: 1048

Ion Ratio Lower Upper

43 100

58 193.3 30.5 45.7#



#62

4-Bromofluorobenzene

Concen: 51.167 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX026783.D

Acq: 07 Feb 2022 14:43

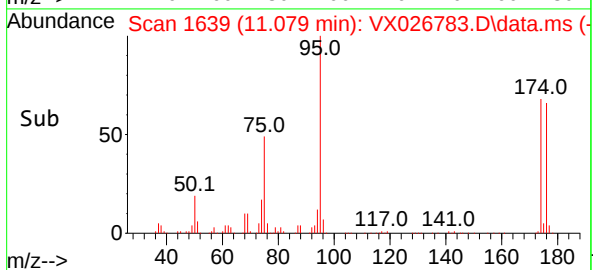
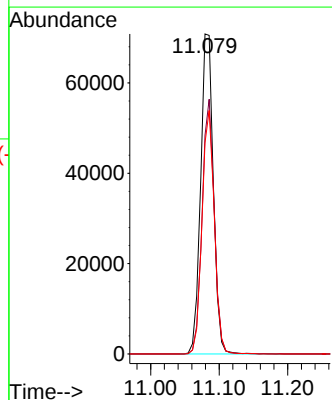
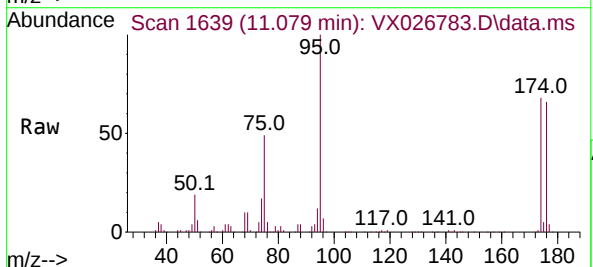
Tgt Ion: 95 Resp: 91632

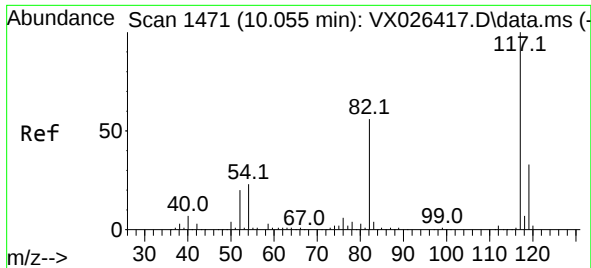
Ion Ratio Lower Upper

95 100

174 76.1 0.0 148.6

176 73.6 0.0 141.4

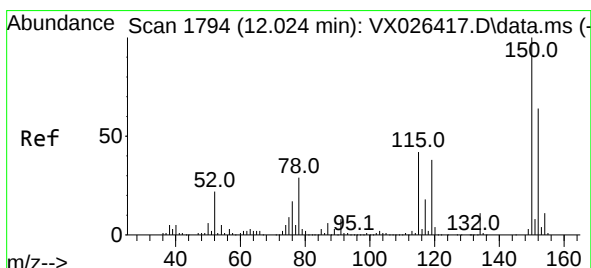
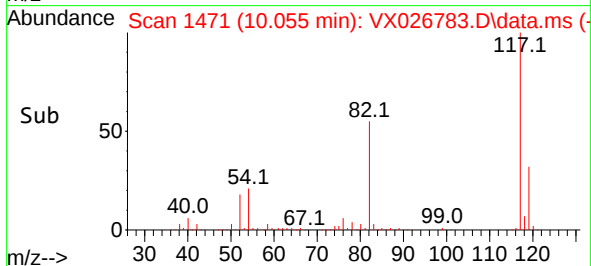
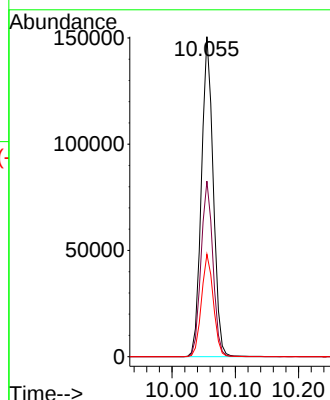
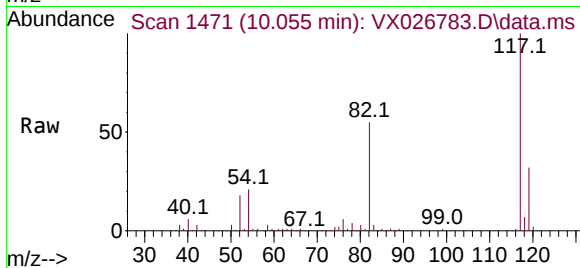




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026783.D
Acq: 07 Feb 2022 14:43

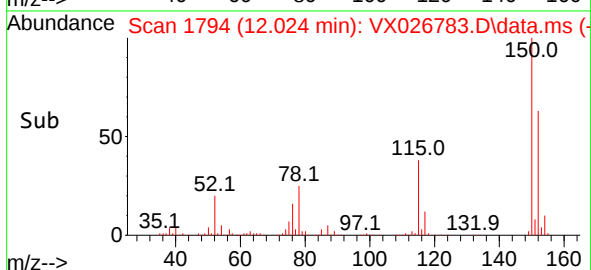
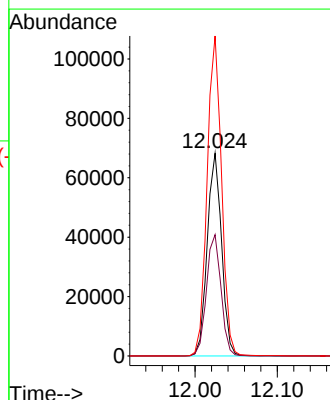
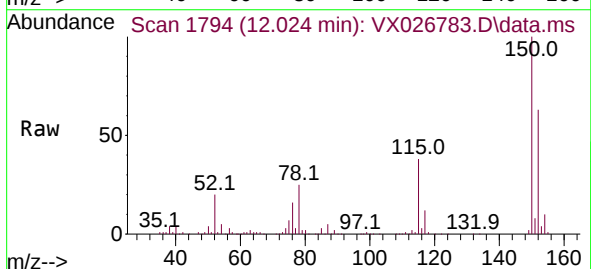
Instrument :
MSVOA_X
ClientSampleId :
FB020122

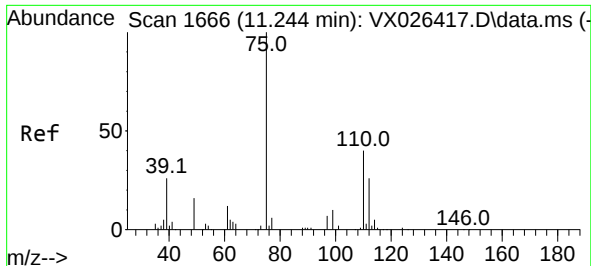
Tgt Ion:117 Resp: 196004
Ion Ratio Lower Upper
117 100
82 54.8 45.2 67.8
119 32.0 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026783.D
Acq: 07 Feb 2022 14:43

Tgt Ion:152 Resp: 82731
Ion Ratio Lower Upper
152 100
115 60.6 44.2 132.6
150 158.8 0.0 348.2

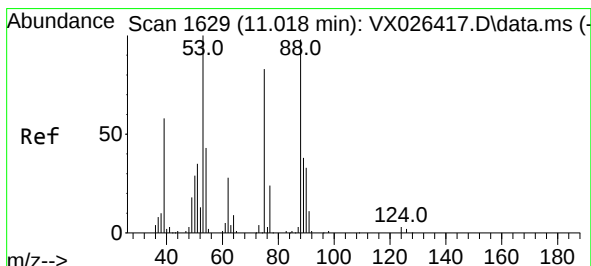
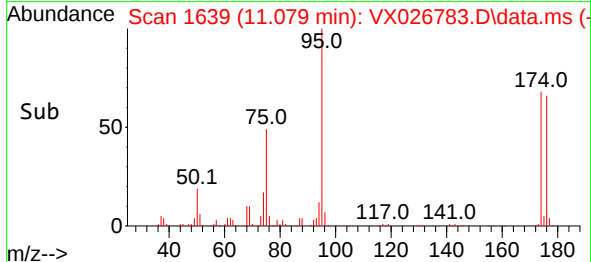
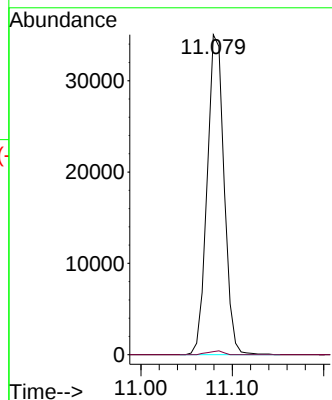
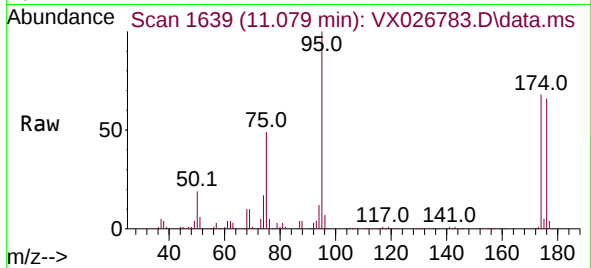




#76
1,2,3-Trichloropropane
Concen: 24.707 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026783.D
Acq: 07 Feb 2022 14:43

Instrument :
MSVOA_X
ClientSampleId :
FB020122

Tgt Ion: 75 Resp: 45006
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.159 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026783.D
Acq: 07 Feb 2022 14:43

Tgt Ion: 75 Resp: 45006
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

