

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090922\
 Data File : VX031267.D
 Acq On : 09 Sep 2022 19:16
 Operator : JC/MD
 Sample : N4360-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB02-20220823RE

Quant Time: Sep 12 01:00:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 23:22:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	45263	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	76629	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	69700	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	29246	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	72081	67.263	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	134.520%#
35) Dibromofluoromethane	5.391	113	43753	52.396	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.800%
50) Toluene-d8	8.653	98	139415	45.952	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.900%
62) 4-Bromofluorobenzene	11.079	95	55058	49.520	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.040%

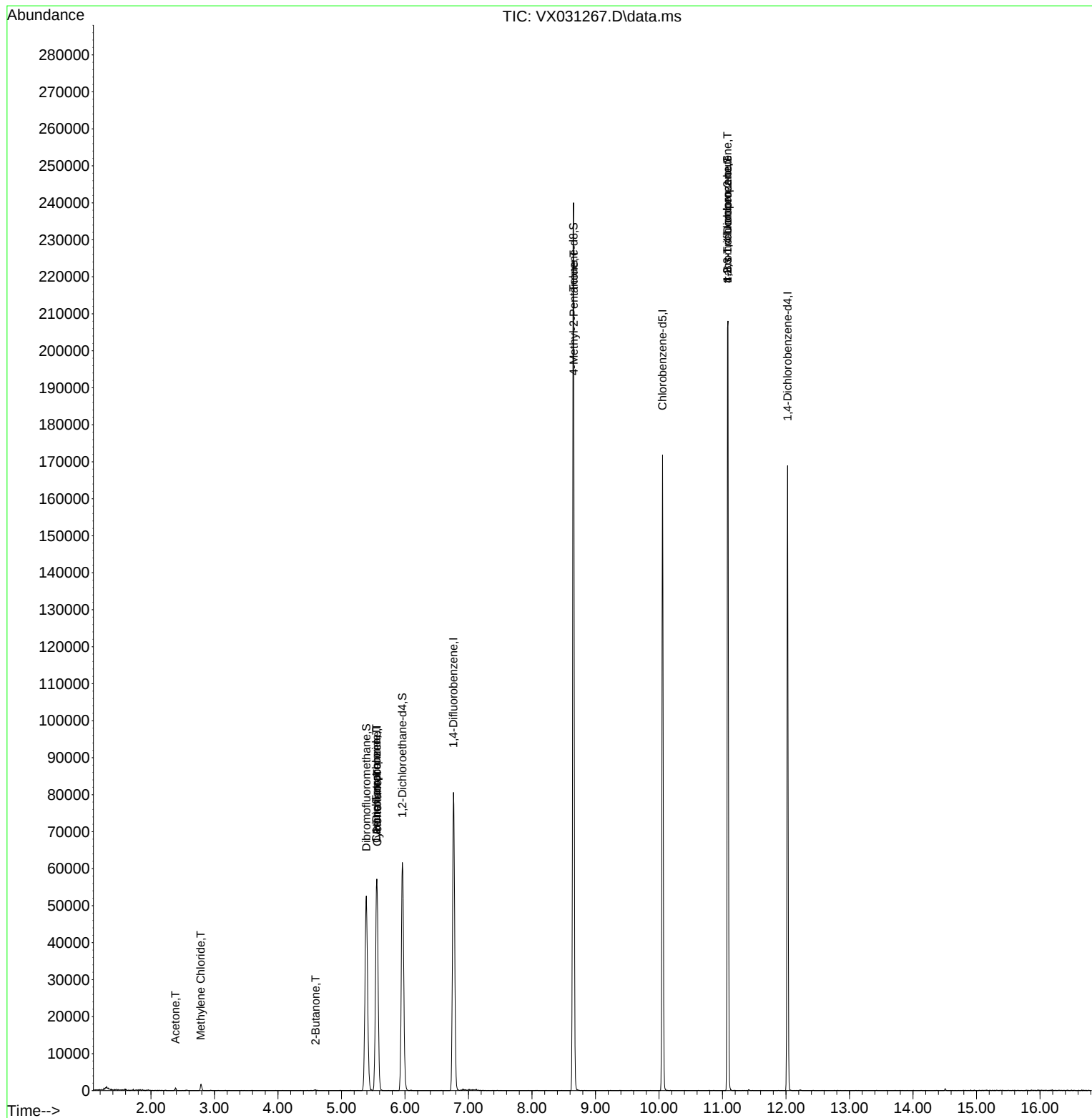
Target Compounds					Qvalue
11) Tert butyl alcohol	2.947	59	45	Below Cal	# 74
16) Acetone	2.386	43	854	2.302	ug/l # 59
20) Methylene Chloride	2.782	84	812	0.931	ug/l # 80
25) 2-Butanone	4.593	43	420	0.764	ug/l # 48
31) Cyclohexane	5.562	56	1293	1.080	ug/l # 30
36) 1,1-Dichloropropene	5.550	75	4643	3.713	ug/l # 49
38) Carbon Tetrachloride	5.550	117	5828	4.429	ug/l # 17
51) 4-Methyl-2-Pentanone	8.659	43	621	0.580	ug/l # 1
76) 1,2,3-Trichloropropane	11.079	75	35063	43.929	ug/l # 36
81) trans-1,4-Dichloro-2-b...	11.079	75	35063	141.667	ug/l # 12

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

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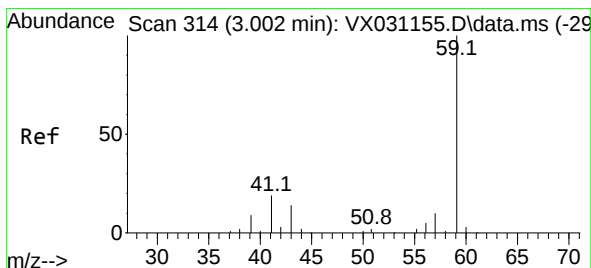
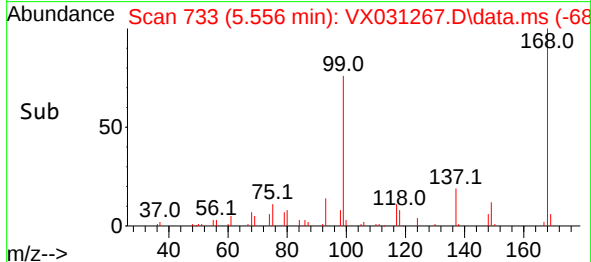
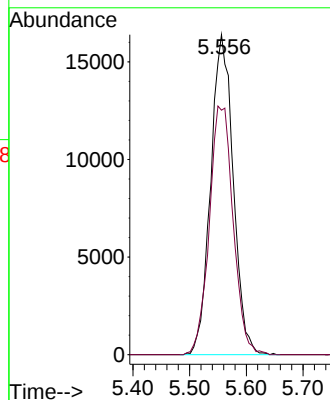
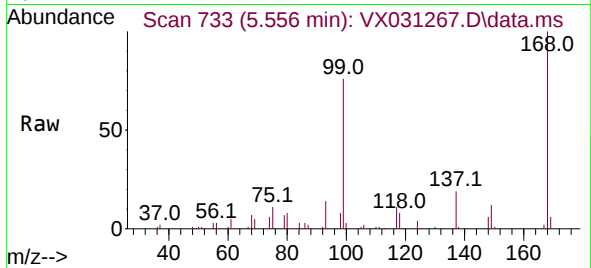




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031267.D
Acq: 09 Sep 2022 19:16

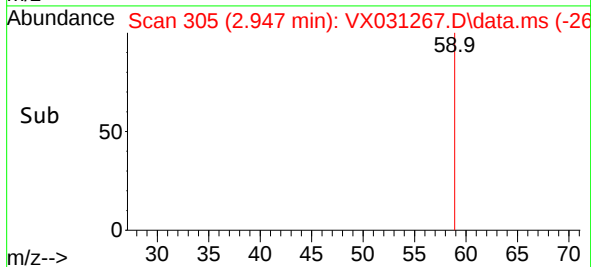
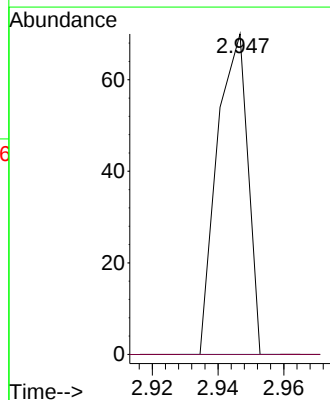
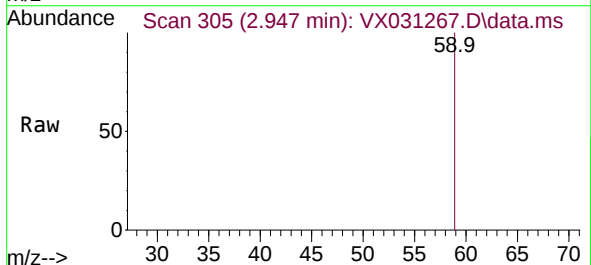
Instrument :
MSVOA_X
ClientSampleId :
EB02-20220823RE

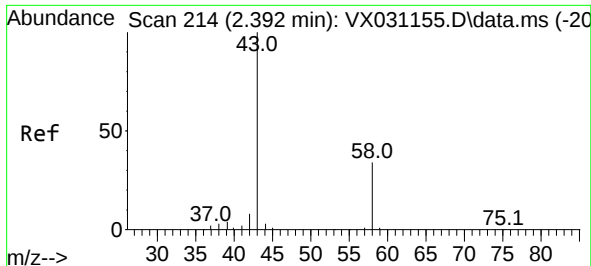
Tgt Ion:168 Resp: 45263
Ion Ratio Lower Upper
168 100
99 76.4 44.0 66.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.055 min
Lab File: VX031267.D
Acq: 09 Sep 2022 19:16

Tgt Ion: 59 Resp: 45
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

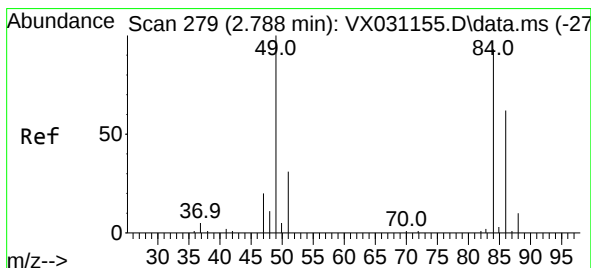
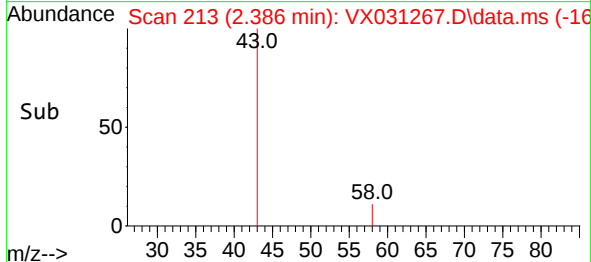
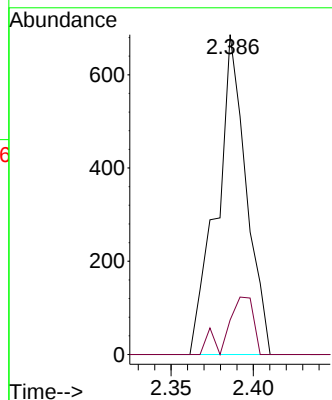
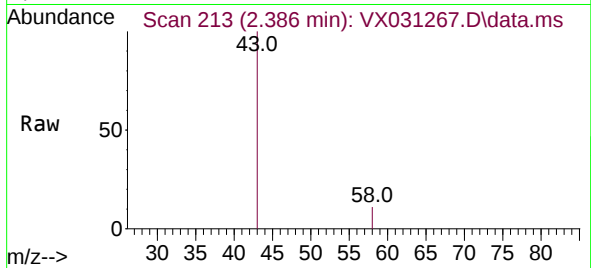




#16
Acetone
Concen: 2.302 ug/l
RT: 2.386 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX031267.D
Acq: 09 Sep 2022 19:16

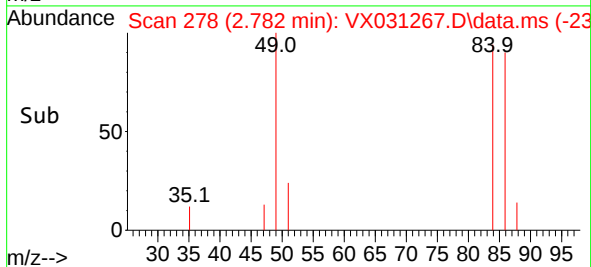
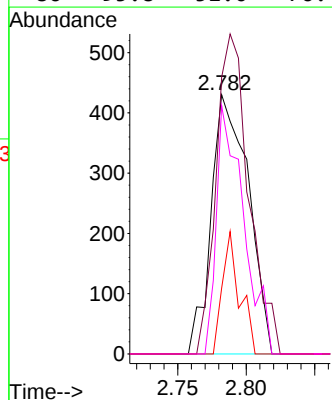
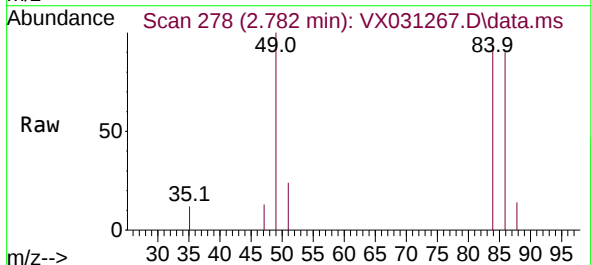
Instrument :
MSVOA_X
ClientSampleId :
EB02-20220823RE

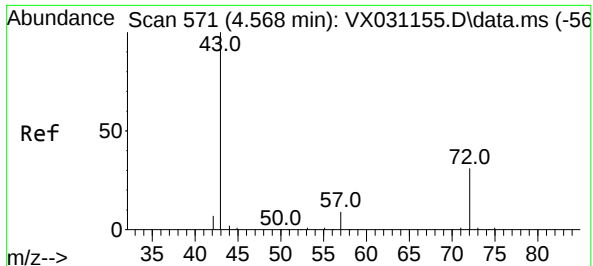
Tgt Ion: 43 Resp: 854
Ion Ratio Lower Upper
43 100
58 10.8 27.7 41.5#



#20
Methylene Chloride
Concen: 0.931 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX031267.D
Acq: 09 Sep 2022 19:16

Tgt Ion: 84 Resp: 812
Ion Ratio Lower Upper
84 100
49 106.7 93.8 140.6
51 25.3 29.4 44.0#
86 95.8 51.0 76.4#





#25

2-Butanone

Concen: 0.764 ug/l

RT: 4.593 min Scan# 51

Delta R.T. 0.024 min

Lab File: VX031267.D

Acq: 09 Sep 2022 19:16

Instrument :

MSVOA_X

ClientSampleId :

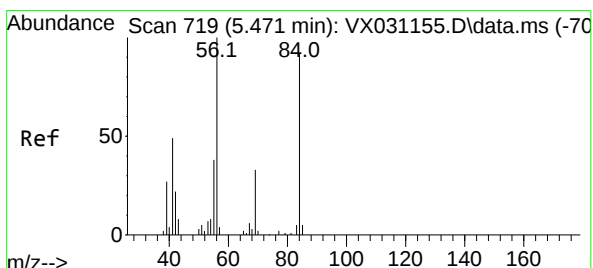
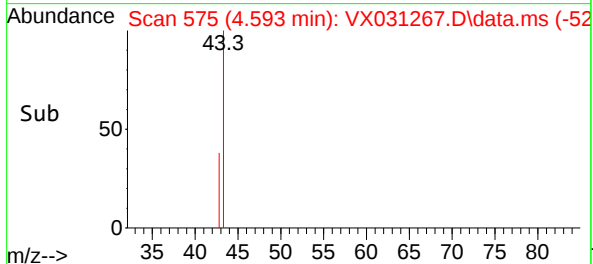
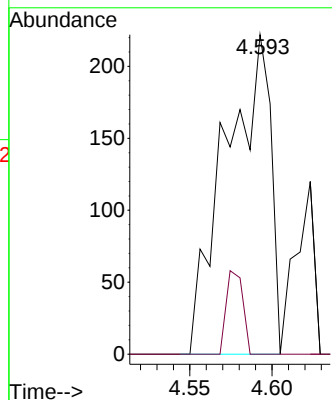
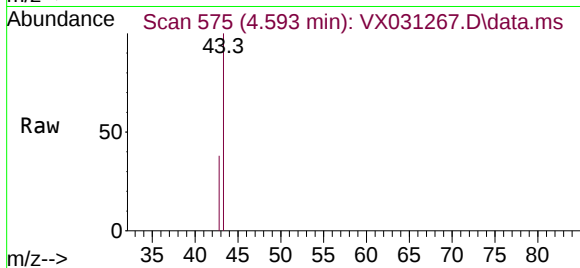
EB02-20220823RE

Tgt Ion: 43 Resp: 420

Ion Ratio Lower Upper

43 100

72 0.0 21.7 32.5#



#31

Cyclohexane

Concen: 1.080 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.091 min

Lab File: VX031267.D

Acq: 09 Sep 2022 19:16

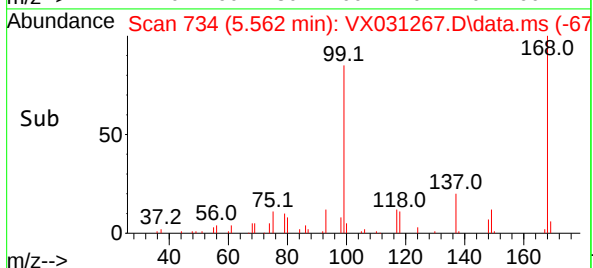
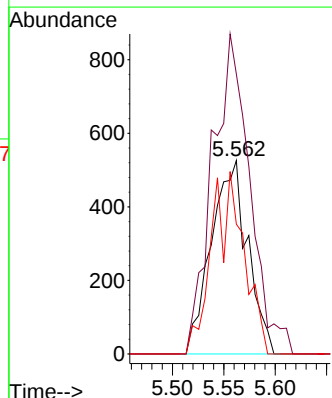
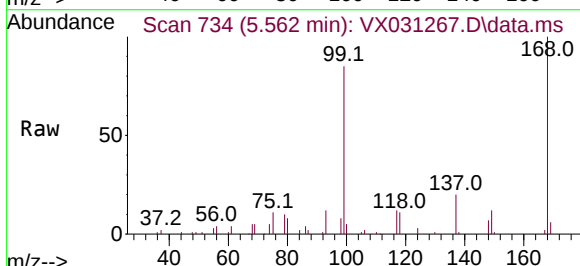
Tgt Ion: 56 Resp: 1293

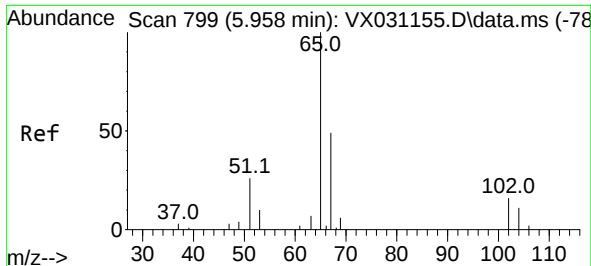
Ion Ratio Lower Upper

56 100

69 144.7 25.4 38.0#

84 67.1 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 67.263 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031267.D

Acq: 09 Sep 2022 19:16

Instrument :

MSVOA_X

ClientSampleId :

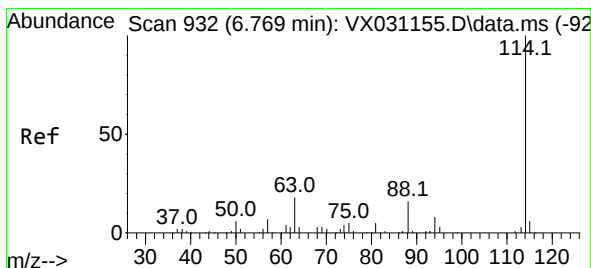
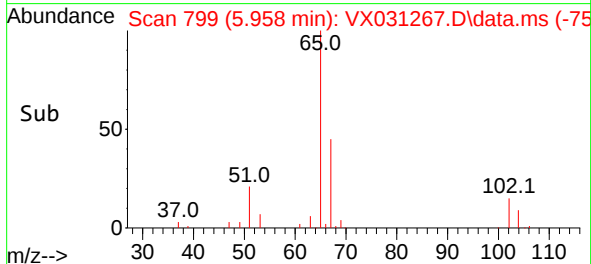
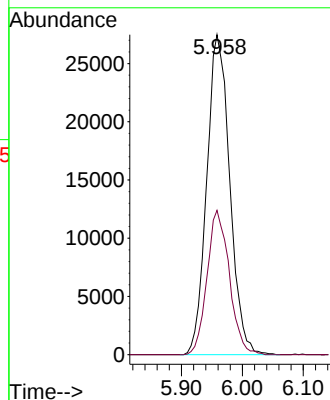
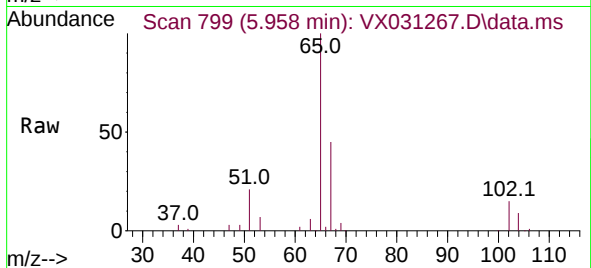
EB02-20220823RE

Tgt Ion: 65 Resp: 72081

Ion Ratio Lower Upper

65 100

67 43.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX031267.D

Acq: 09 Sep 2022 19:16

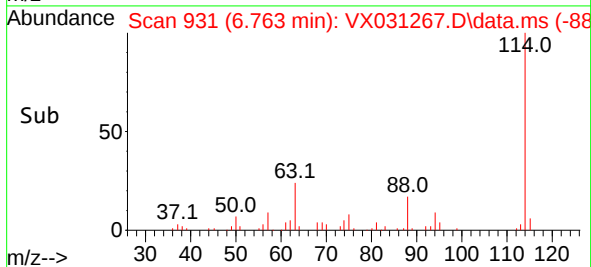
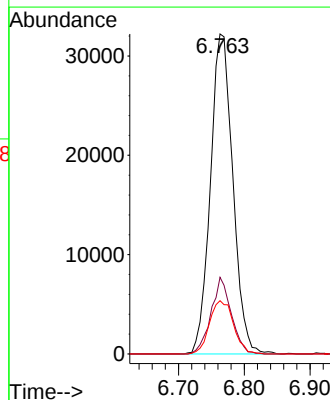
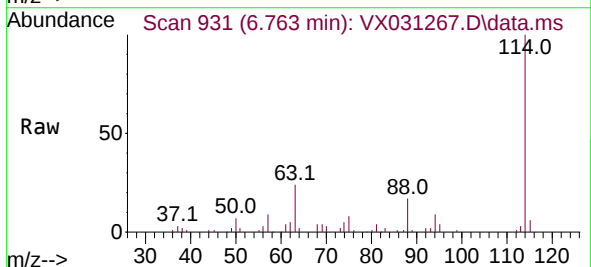
Tgt Ion: 114 Resp: 76629

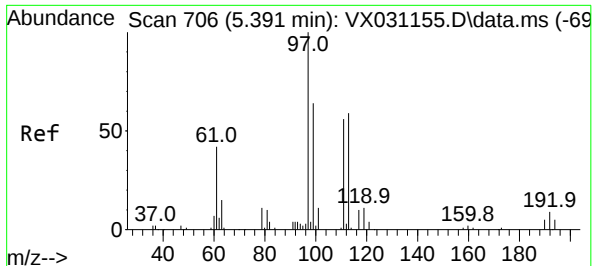
Ion Ratio Lower Upper

114 100

63 24.0 0.0 38.4

88 16.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 52.396 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX031267.D

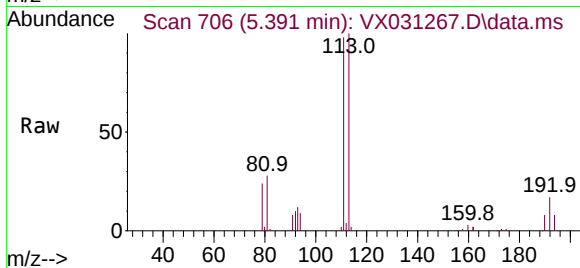
Acq: 09 Sep 2022 19:16

Instrument :

MSVOA_X

ClientSampleId :

EB02-20220823RE



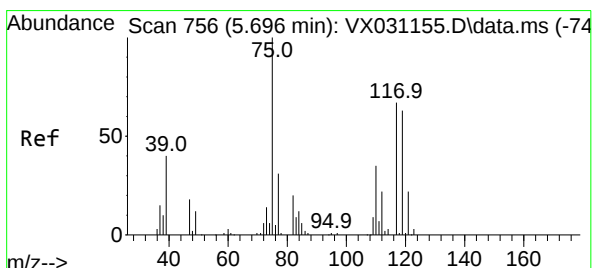
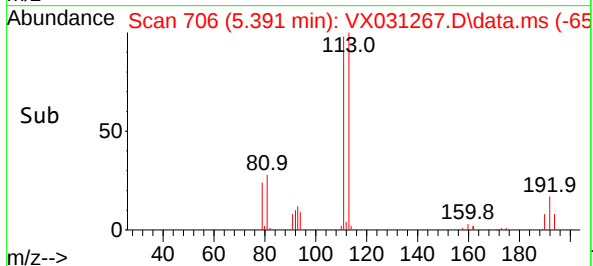
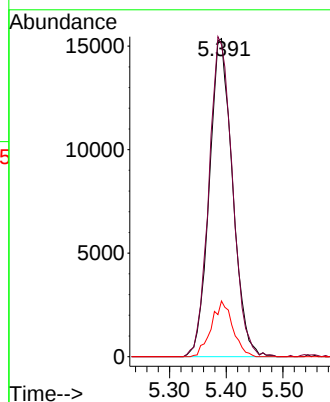
Tgt Ion:113 Resp: 43753

Ion Ratio Lower Upper

113 100

111 101.9 83.2 124.8

192 16.2 14.8 22.2



#36

1,1-Dichloropropene

Concen: 3.713 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX031267.D

Acq: 09 Sep 2022 19:16

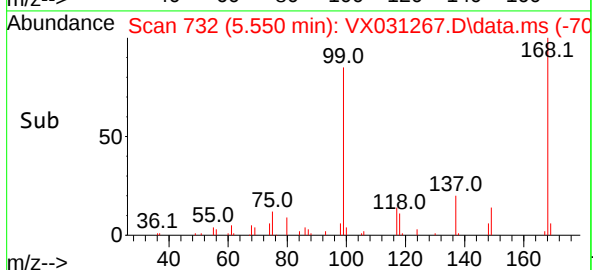
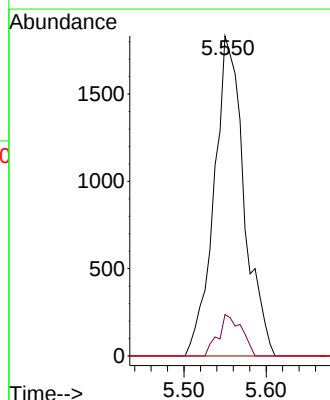
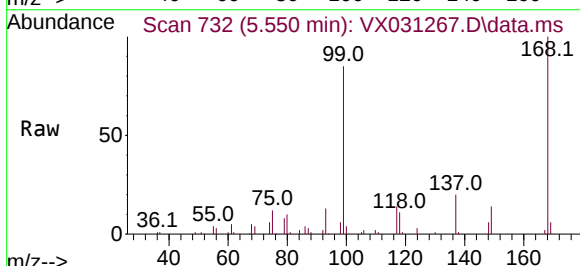
Tgt Ion: 75 Resp: 4643

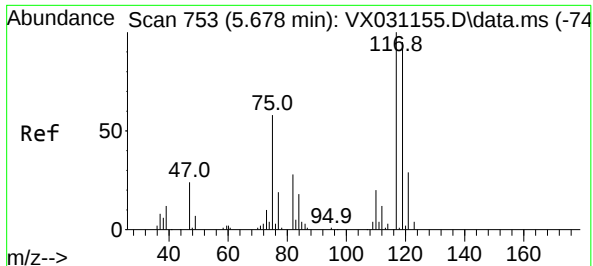
Ion Ratio Lower Upper

75 100

110 10.0 19.3 57.9#

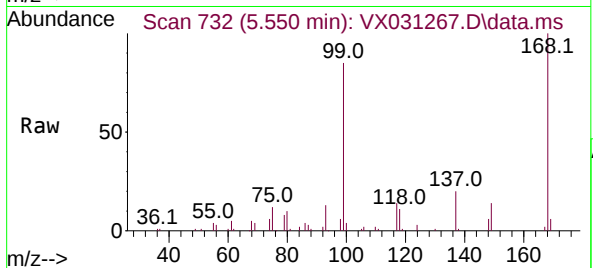
77 0.0 24.4 36.6#



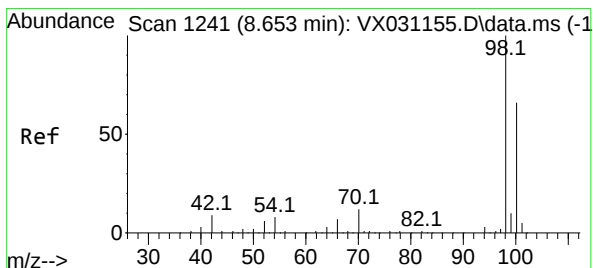
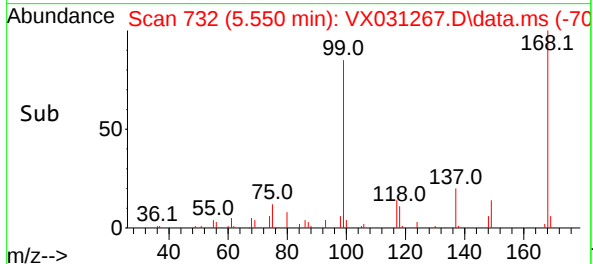
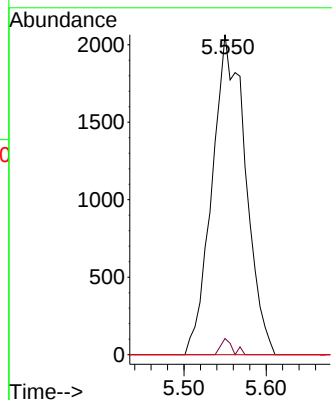


#38
Carbon Tetrachloride
Concen: 4.429 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX031267.D
Acq: 09 Sep 2022 19:16

Instrument :
MSVOA_X
ClientSampleId :
EB02-20220823RE

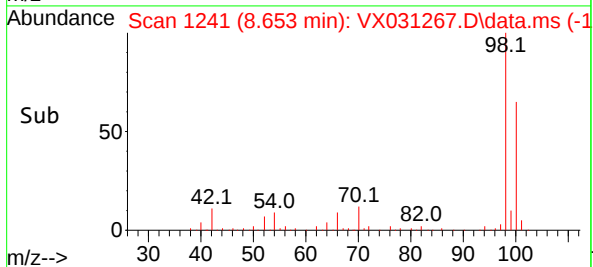
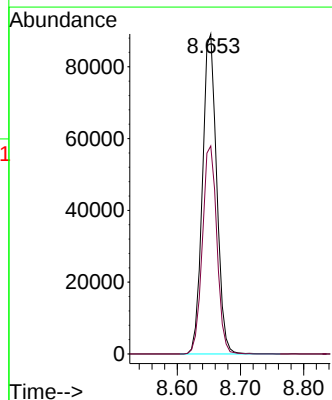
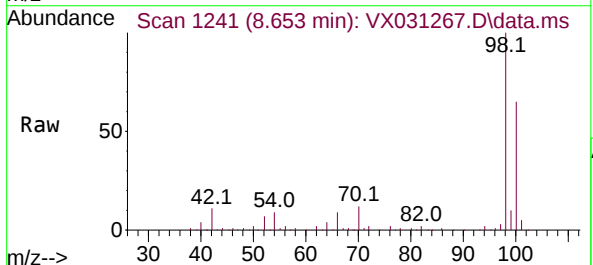


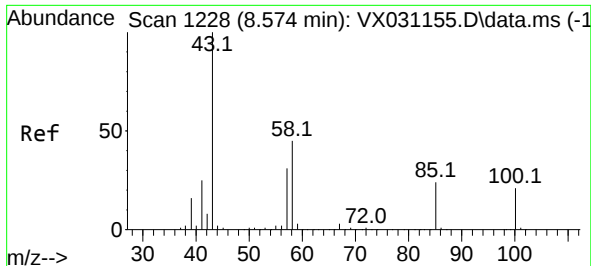
Tgt Ion:117 Resp: 5828
Ion Ratio Lower Upper
117 100
119 5.0 74.1 111.1#
121 0.0 25.8 38.8#



#50
Toluene-d8
Concen: 45.952 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX031267.D
Acq: 09 Sep 2022 19:16

Tgt Ion: 98 Resp: 139415
Ion Ratio Lower Upper
98 100
100 66.1 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 0.580 ug/l

RT: 8.659 min Scan# 11

Delta R.T. 0.085 min

Lab File: VX031267.D

Acq: 09 Sep 2022 19:16

Instrument :

MSVOA_X

ClientSampleId :

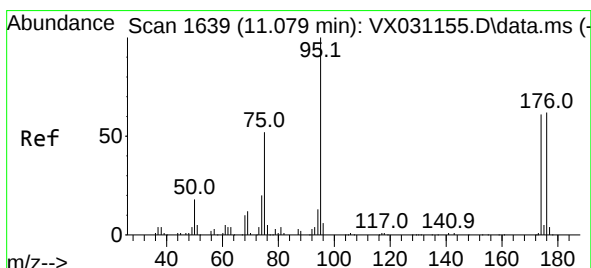
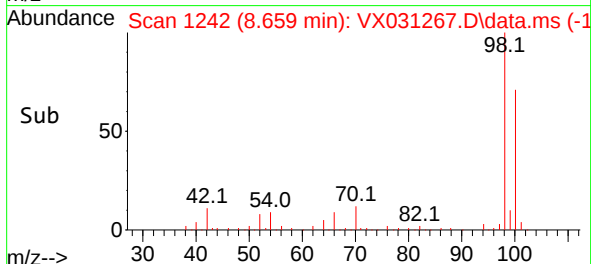
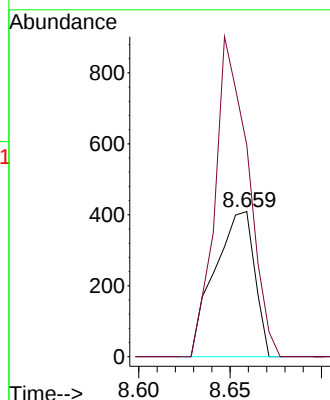
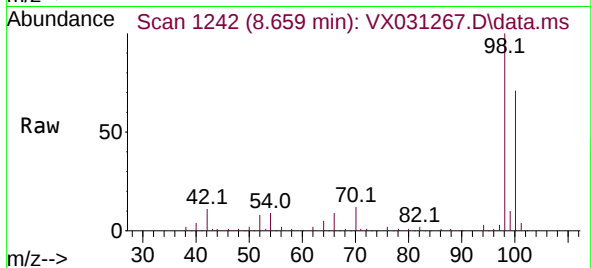
EB02-20220823RE

Tgt Ion: 43 Resp: 621

Ion Ratio Lower Upper

43 100

58 183.1 31.4 47.2#



#62

4-Bromofluorobenzene

Concen: 49.520 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031267.D

Acq: 09 Sep 2022 19:16

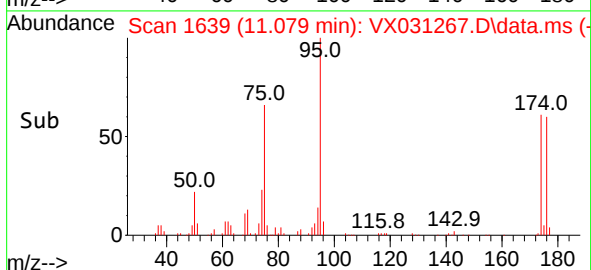
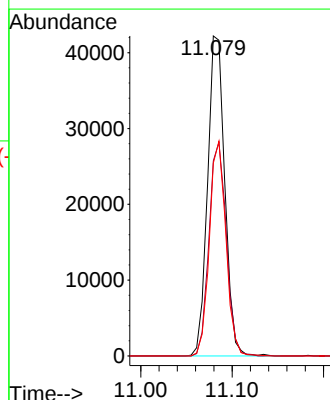
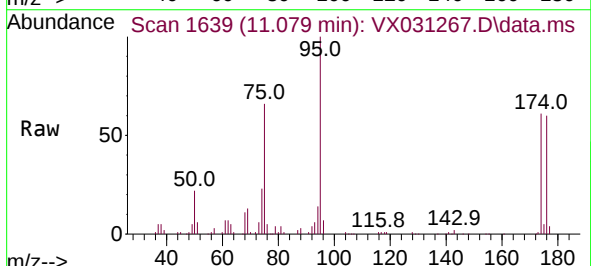
Tgt Ion: 95 Resp: 55058

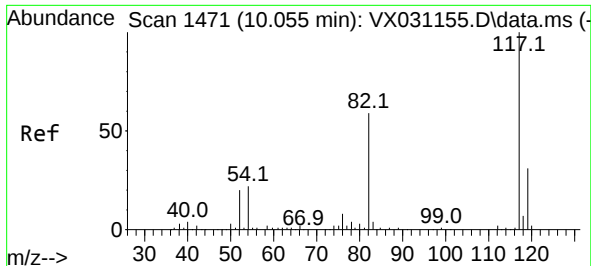
Ion Ratio Lower Upper

95 100

174 67.2 0.0 149.0

176 64.3 0.0 146.0

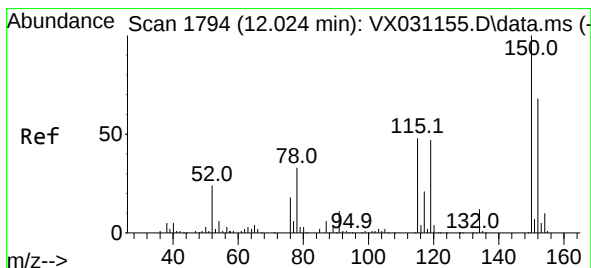
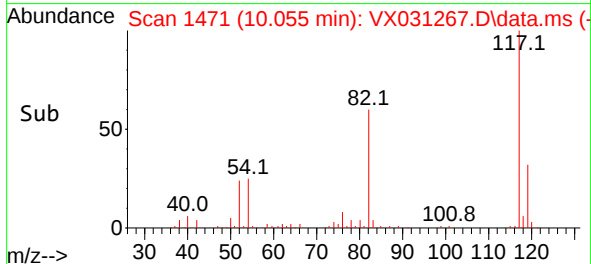
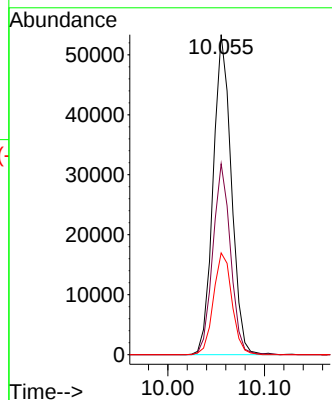
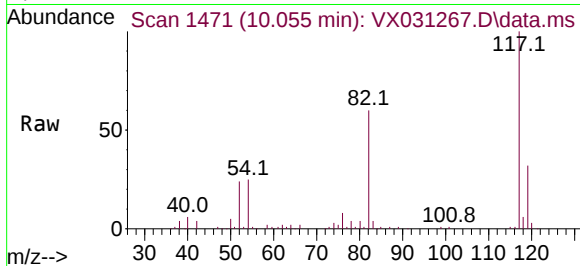




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031267.D
Acq: 09 Sep 2022 19:16

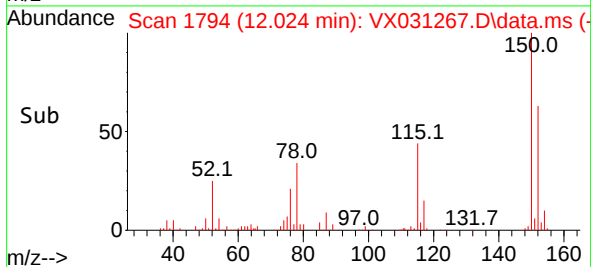
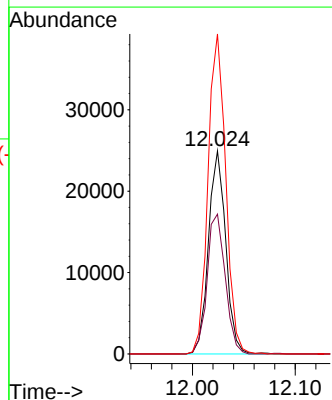
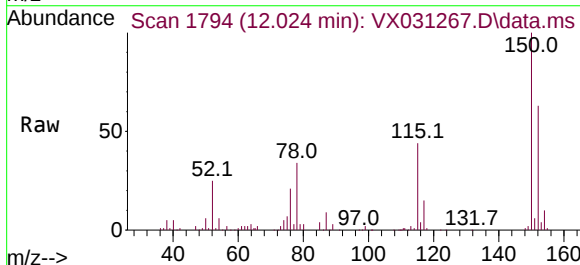
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MSVOA_X
ClientSampleId :
EB02-20220823RE

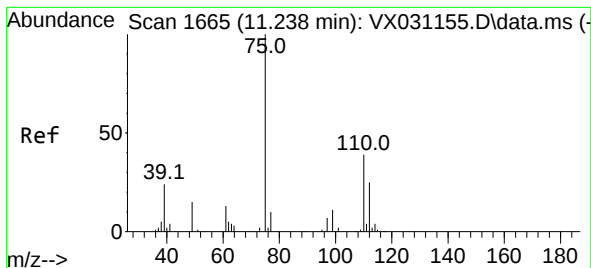
Tgt Ion:117 Resp: 69700
Ion Ratio Lower Upper
117 100
82 59.7 42.7 64.1
119 31.8 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031267.D
Acq: 09 Sep 2022 19:16

Tgt Ion:152 Resp: 29246
Ion Ratio Lower Upper
152 100
115 72.2 40.5 121.5
150 161.2 0.0 347.0





#76

1,2,3-Trichloropropane

Concen: 43.929 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX031267.D

Acq: 09 Sep 2022 19:16

Instrument :

MSVOA_X

ClientSampleId :

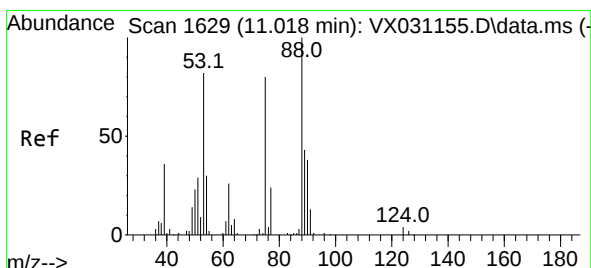
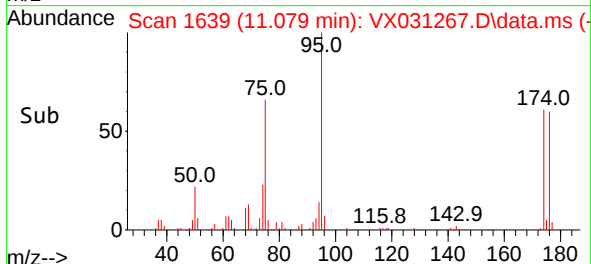
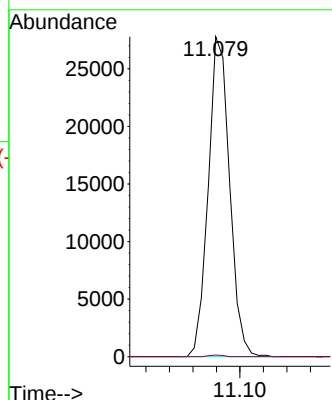
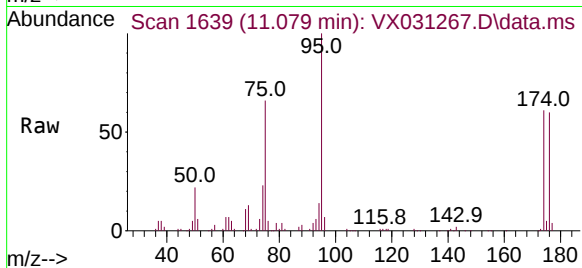
EB02-20220823RE

Tgt Ion: 75 Resp: 35063

Ion Ratio Lower Upper

75 100

77 0.3 19.8 59.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 141.667 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX031267.D

Acq: 09 Sep 2022 19:16

Tgt Ion: 75 Resp: 35063

Ion Ratio Lower Upper

75 100

53 0.0 74.2 111.4#

89 0.0 34.8 52.2#

