

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021722\
 Data File : VX027080.D
 Acq On : 17 Feb 2022 16:09
 Operator : JC/MD
 Sample : N1593-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB021722

Quant Time: Feb 18 03:51:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	111668	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	186340	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	160235	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67194	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	69671	51.975	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.960%
35) Dibromofluoromethane	5.391	113	58050	52.289	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.580%
50) Toluene-d8	8.653	98	212555	52.159	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	104.320%
62) 4-Bromofluorobenzene	11.085	95	73545	51.261	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.520%

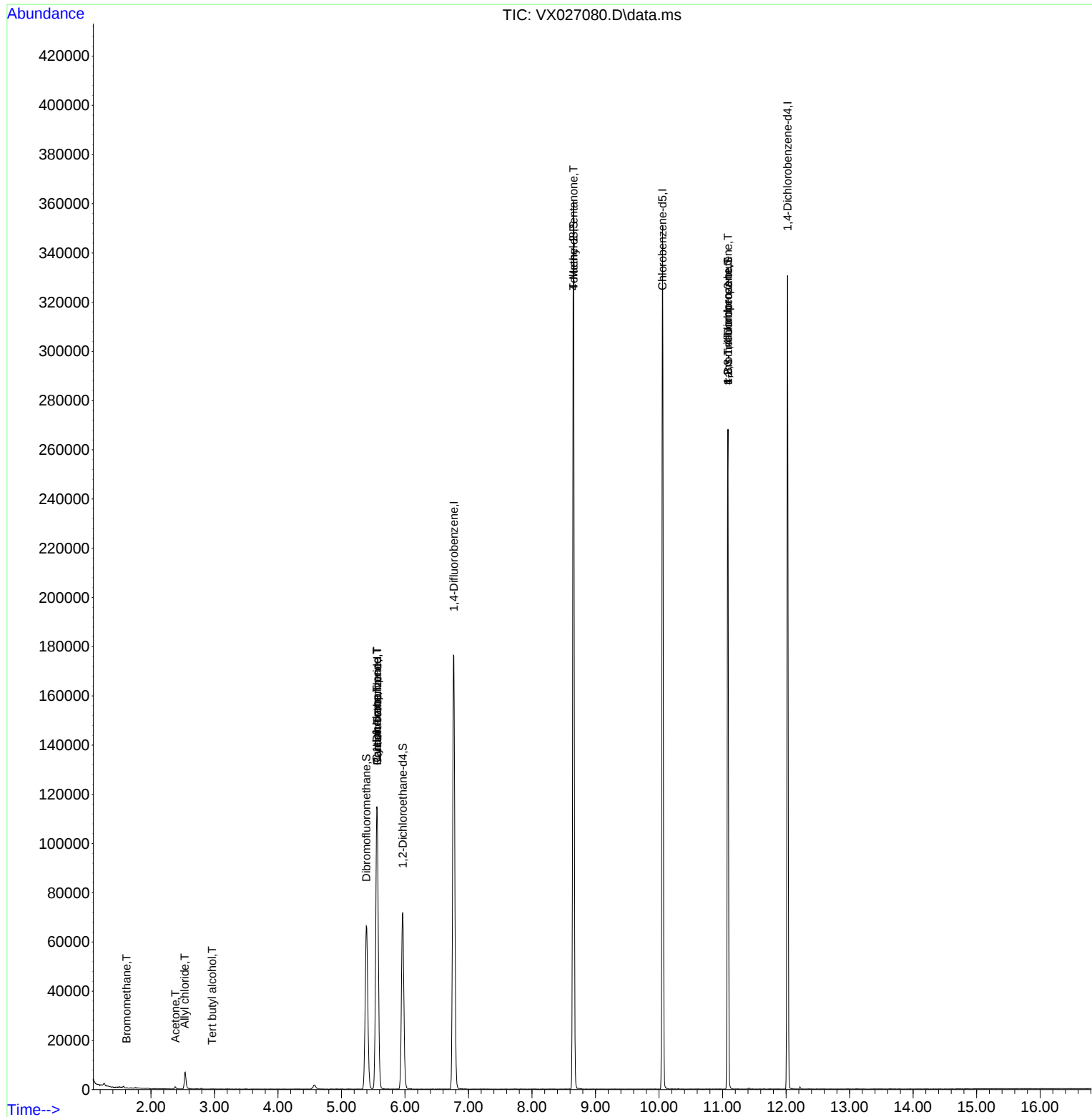
Target Compounds					Qvalue	
5) Bromomethane	1.618	94	101	0.201	ug/l	93
11) Tert butyl alcohol	2.965	59	82	0.339	ug/l #	75
14) Allyl chloride	2.532	41	723	0.357	ug/l #	80
16) Acetone	2.386	43	1055	1.792	ug/l	92
31) Cyclohexane	5.556	56	2072	0.973	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	8572	4.894	ug/l #	50
38) Carbon Tetrachloride	5.562	117	11502	6.263	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	796	0.429	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	36615	24.893	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.085	75	36615	75.943	ug/l #	3

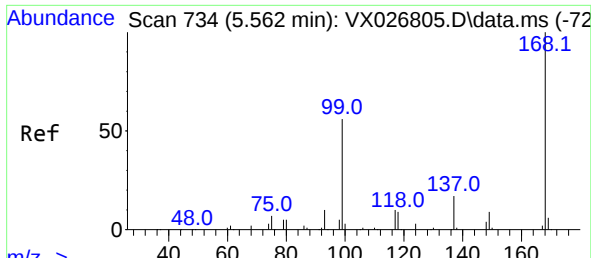
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021722\
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FB021722

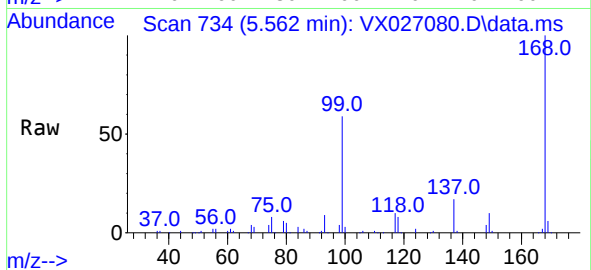
Quant Time: Feb 18 03:51:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 08 07:07:46 2022
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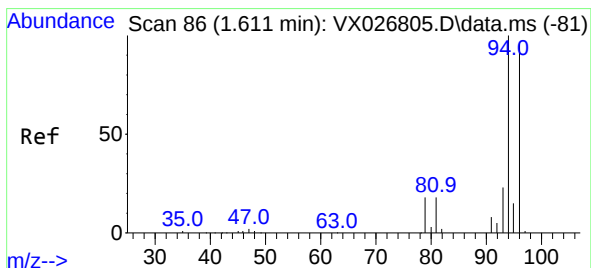
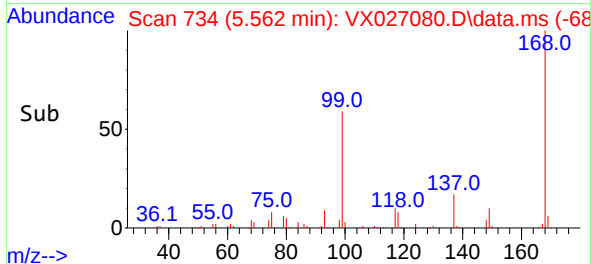
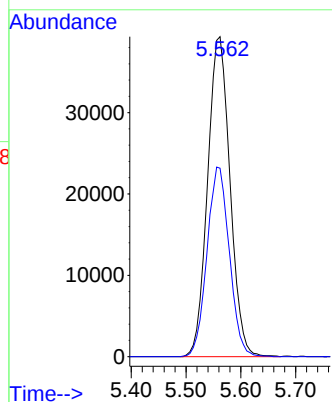


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027080.D
Acq: 17 Feb 2022 16:09

Instrument :
MSVOA_X
ClientSampleId :
FB021722

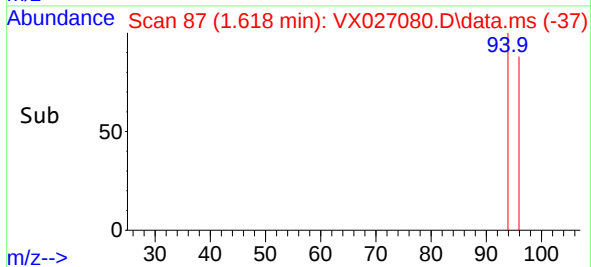
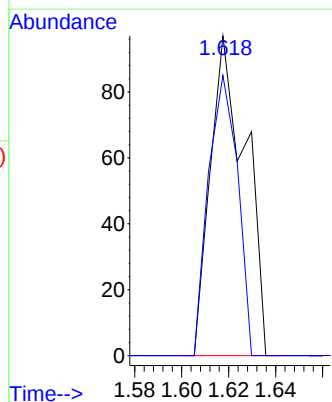
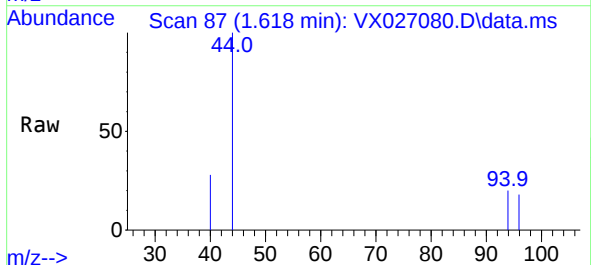


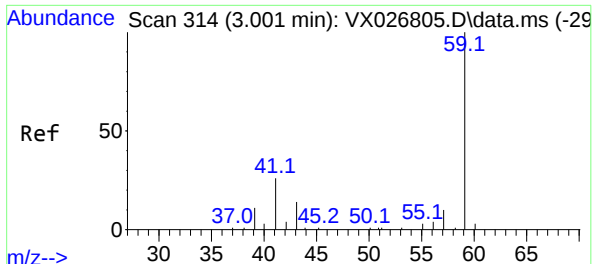
Tgt Ion:168 Resp: 111668
Ion Ratio Lower Upper
168 100
99 58.9 50.3 75.5



#5
Bromomethane
Concen: 0.201 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX027080.D
Acq: 17 Feb 2022 16:09

Tgt Ion: 94 Resp: 101
Ion Ratio Lower Upper
94 100
96 87.6 75.9 113.9





#11

Tert butyl alcohol

Concen: 0.339 ug/l

RT: 2.965 min Scan# 308

Delta R.T. -0.036 min

Lab File: VX027080.D

Acq: 17 Feb 2022 16:09

Instrument :

MSVOA_X

ClientSampleId :

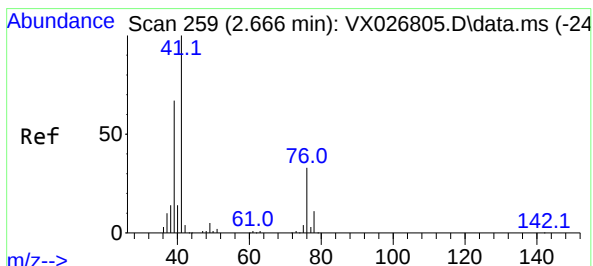
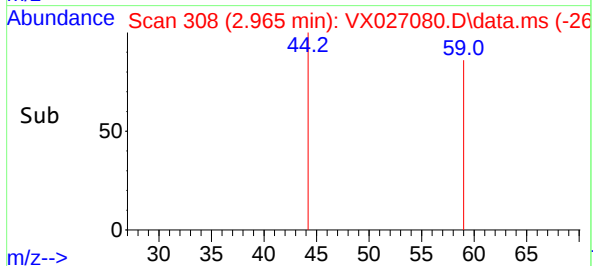
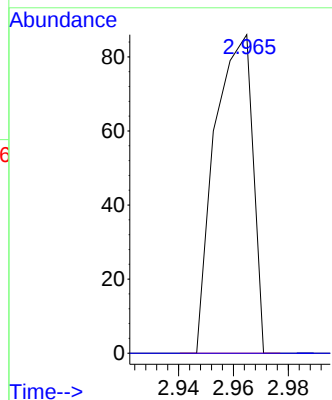
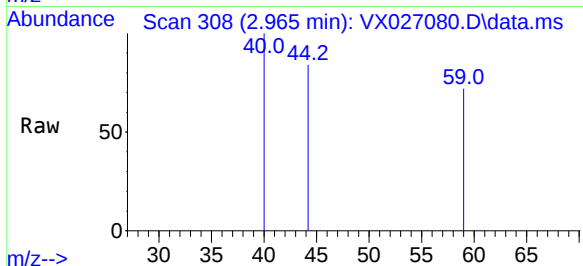
FB021722

Tgt Ion: 59 Resp: 82

Ion Ratio Lower Upper

59 100

57 0.0 7.2 10.8#



#14

Allyl chloride

Concen: 0.357 ug/l

RT: 2.532 min Scan# 237

Delta R.T. -0.134 min

Lab File: VX027080.D

Acq: 17 Feb 2022 16:09

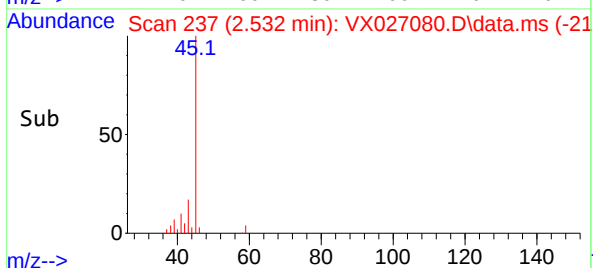
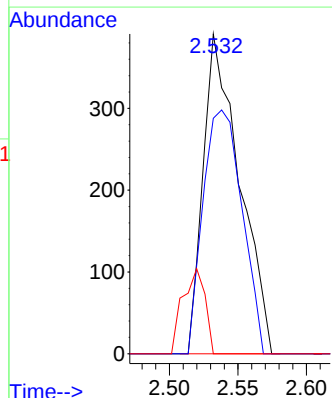
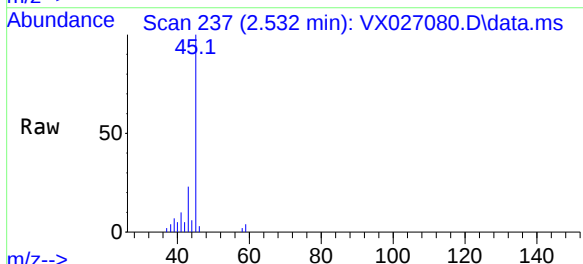
Tgt Ion: 41 Resp: 723

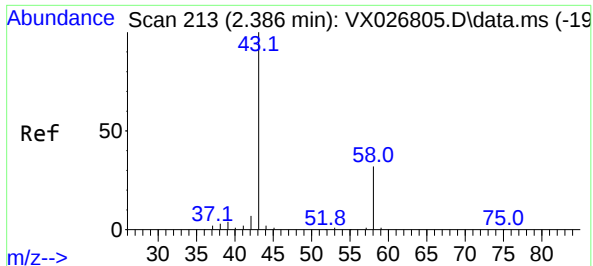
Ion Ratio Lower Upper

41 100

39 81.5 54.2 81.4#

76 16.2 25.2 37.8#

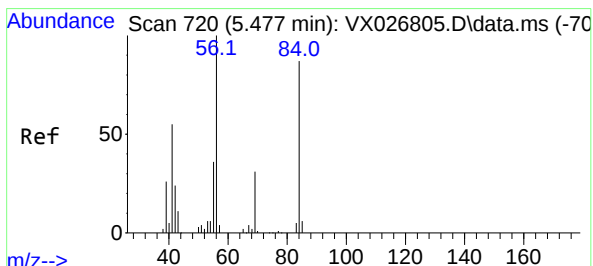
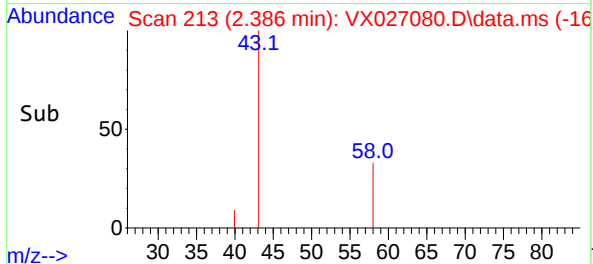
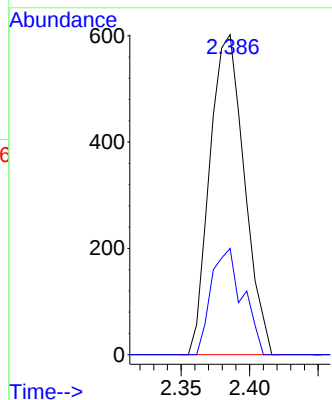
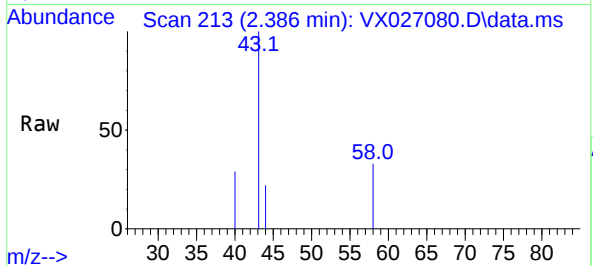




#16
Acetone
Concen: 1.792 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX027080.D
Acq: 17 Feb 2022 16:09

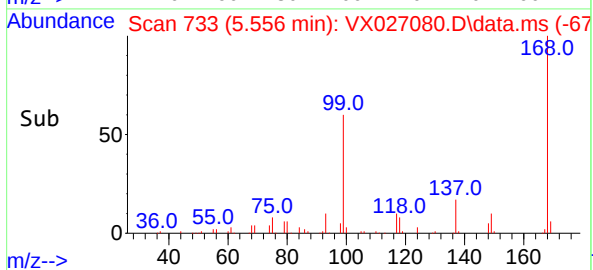
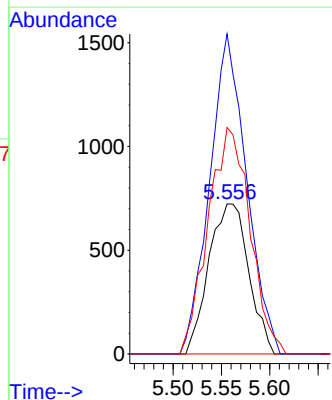
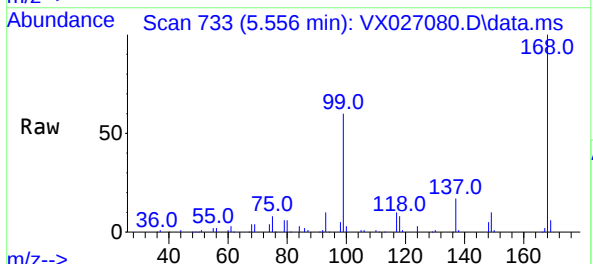
Instrument :
MSVOA_X
ClientSampleId :
FB021722

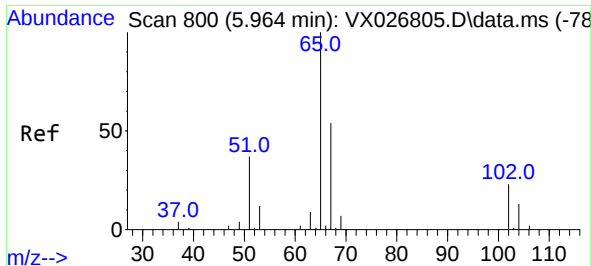
Tgt Ion: 43 Resp: 1055
Ion Ratio Lower Upper
43 100
58 33.2 23.0 34.6



#31
Cyclohexane
Concen: 0.973 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX027080.D
Acq: 17 Feb 2022 16:09

Tgt Ion: 56 Resp: 2072
Ion Ratio Lower Upper
56 100
69 213.3 25.8 38.6#
84 150.9 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 51.975 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX027080.D

Acq: 17 Feb 2022 16:09

Instrument :

MSVOA_X

ClientSampleId :

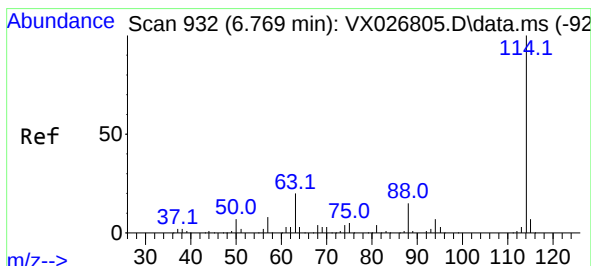
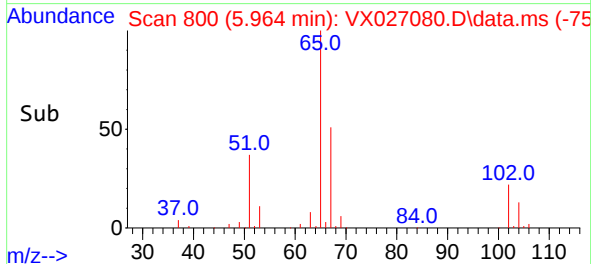
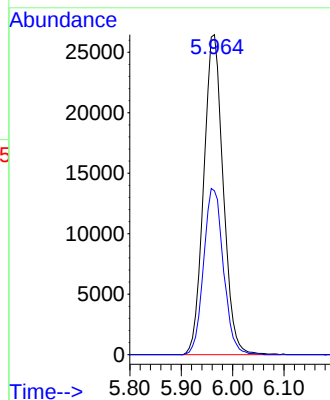
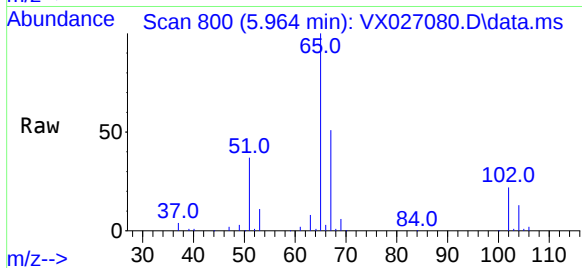
FB021722

Tgt Ion: 65 Resp: 69671

Ion Ratio Lower Upper

65 100

67 52.6 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX027080.D

Acq: 17 Feb 2022 16:09

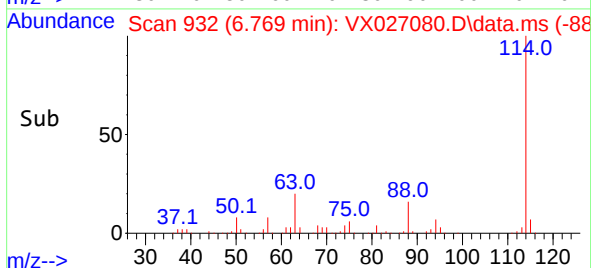
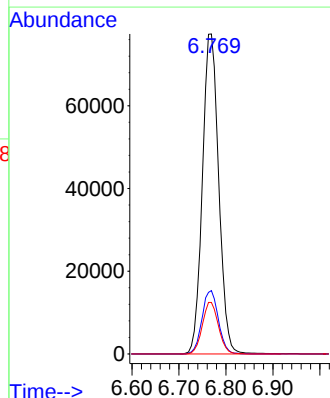
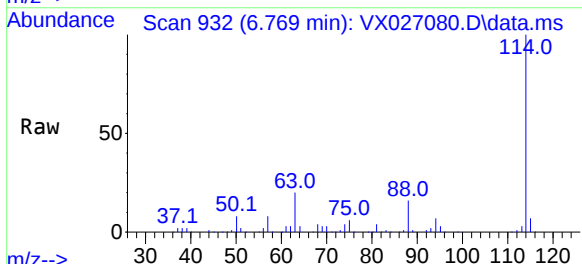
Tgt Ion: 114 Resp: 186340

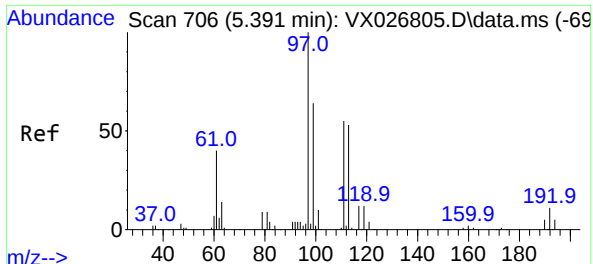
Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.8

88 16.1 0.0 33.0

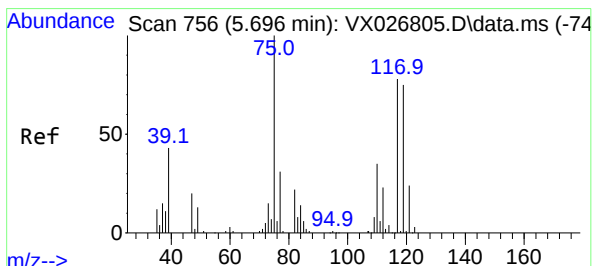
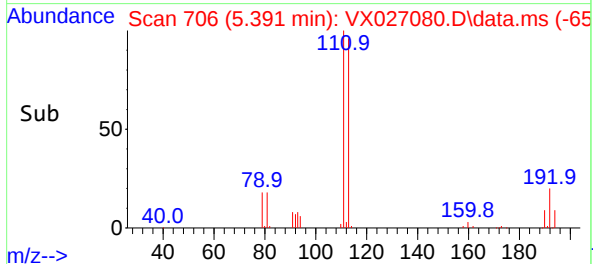
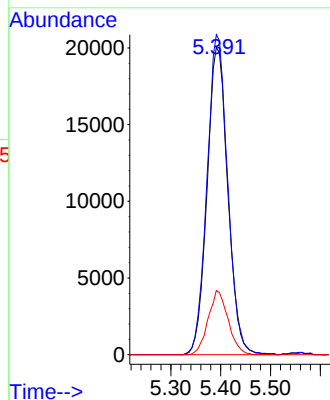
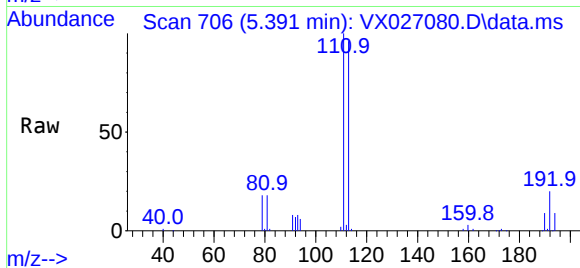




#35
Dibromofluoromethane
Concen: 52.289 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027080.D
Acq: 17 Feb 2022 16:09

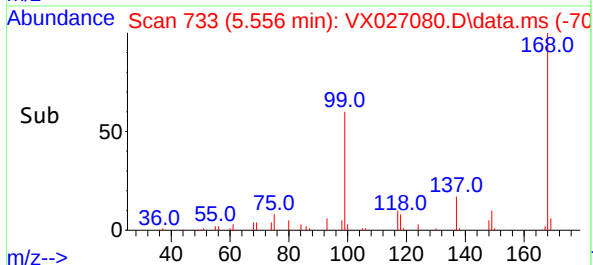
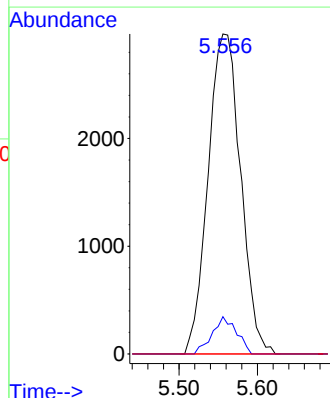
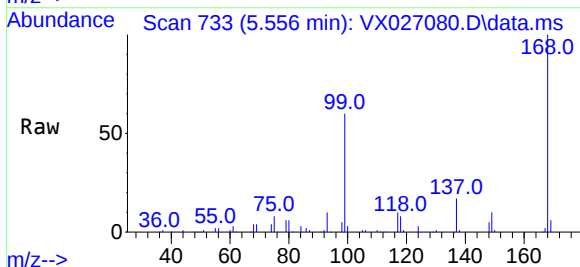
Instrument :
MSVOA_X
ClientSampleId :
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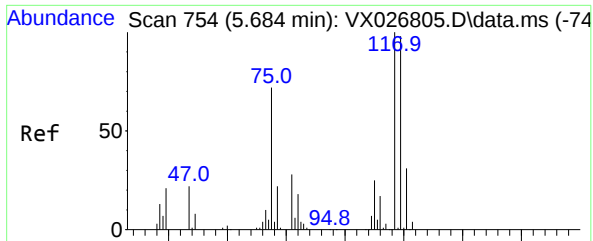
Tgt Ion:113 Resp: 58050
Ion Ratio Lower Upper
113 100
111 103.6 81.2 121.8
192 20.0 15.0 22.4



#36
1,1-Dichloropropene
Concen: 4.894 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX027080.D
Acq: 17 Feb 2022 16:09

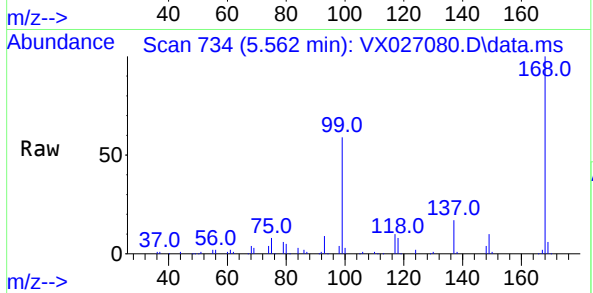
Tgt Ion: 75 Resp: 8572
Ion Ratio Lower Upper
75 100
110 8.7 17.2 51.6#
77 0.0 24.6 36.8#



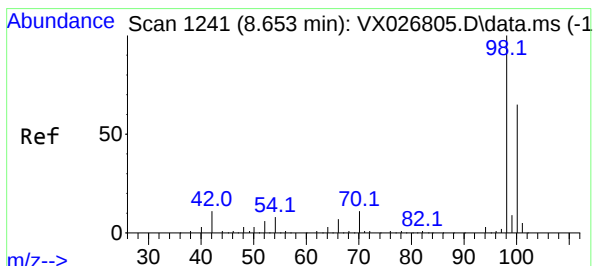
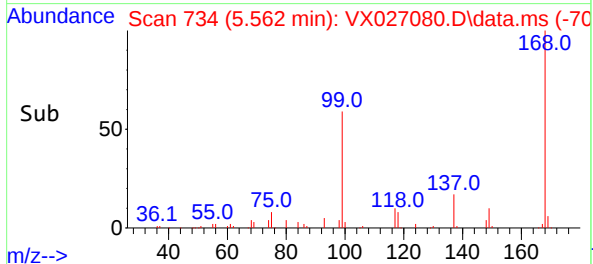
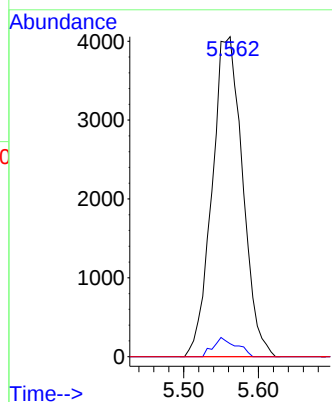


#38
Carbon Tetrachloride
Concen: 6.263 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX027080.D
Acq: 17 Feb 2022 16:09

Instrument :
MSVOA_X
ClientSampleId :
FB021722

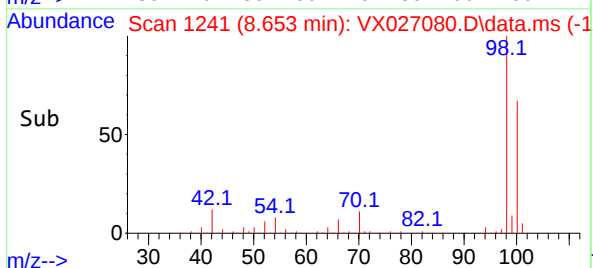
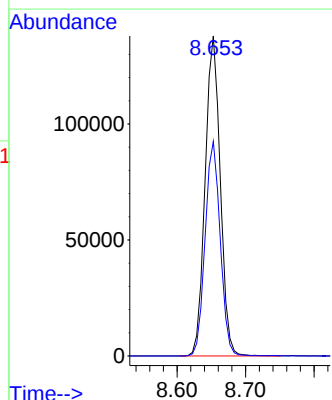
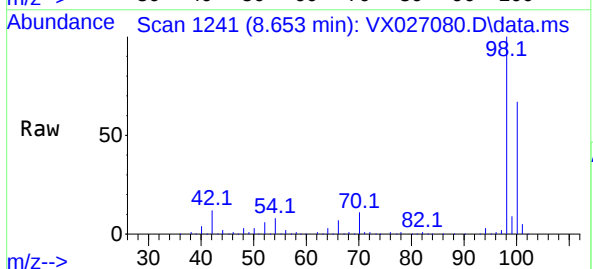


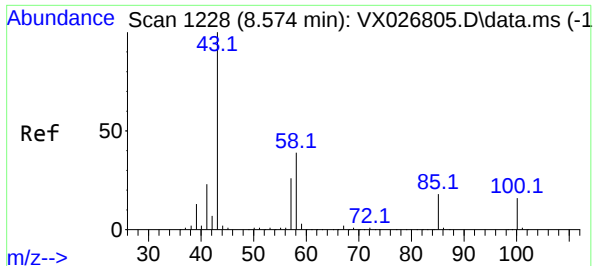
Tgt Ion:117 Resp: 11502
Ion Ratio Lower Upper
117 100
119 4.1 74.7 112.1#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 52.159 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027080.D
Acq: 17 Feb 2022 16:09

Tgt Ion: 98 Resp: 212555
Ion Ratio Lower Upper
98 100
100 66.7 53.2 79.8

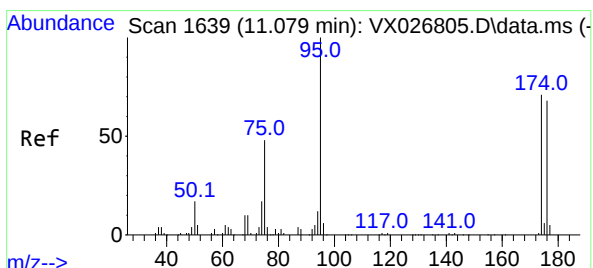
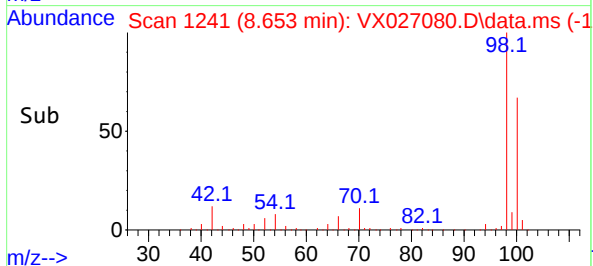
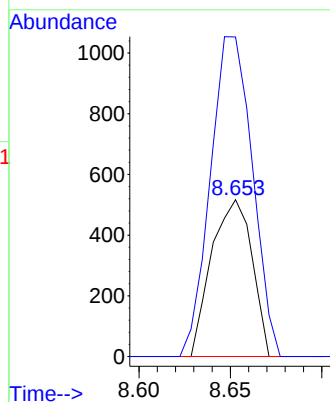
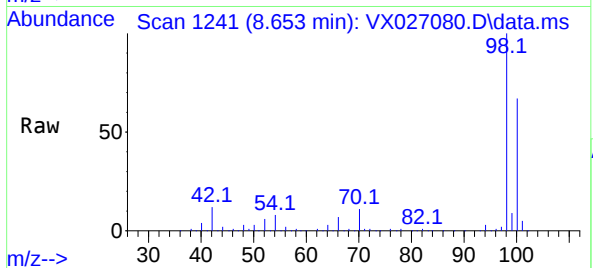




#51
4-Methyl-2-Pentanone
Concen: 0.429 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX027080.D
Acq: 17 Feb 2022 16:09

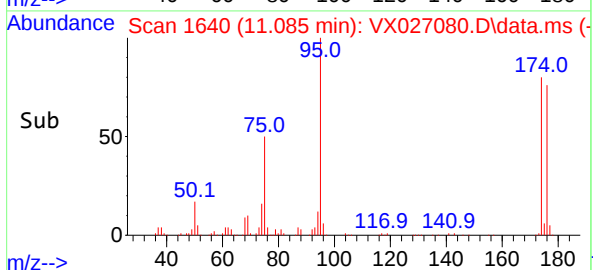
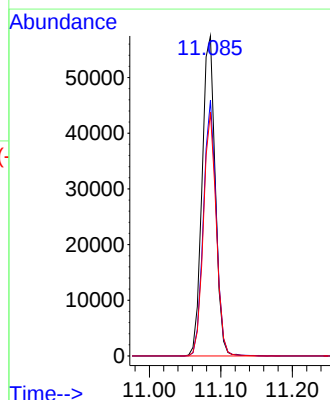
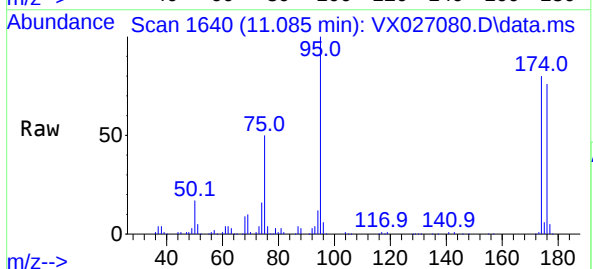
Instrument :
MSVOA_X
ClientSampleId :
FB021722

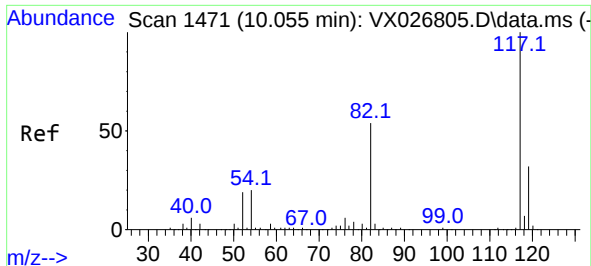
Tgt Ion: 43 Resp: 796
Ion Ratio Lower Upper
43 100
58 212.3 30.5 45.7#



#62
4-Bromofluorobenzene
Concen: 51.261 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX027080.D
Acq: 17 Feb 2022 16:09

Tgt Ion: 95 Resp: 73545
Ion Ratio Lower Upper
95 100
174 77.5 0.0 148.6
176 74.1 0.0 141.4

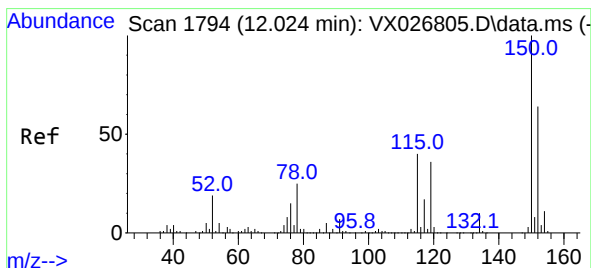
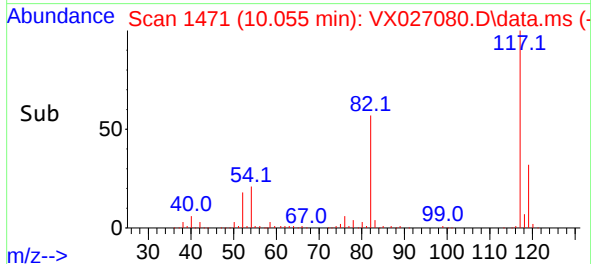
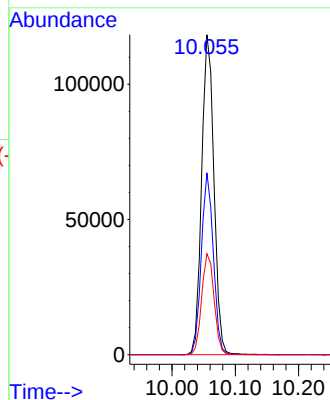
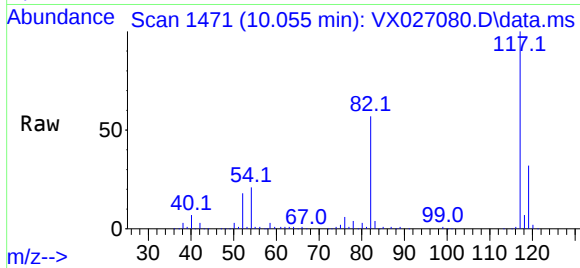




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027080.D
Acq: 17 Feb 2022 16:09

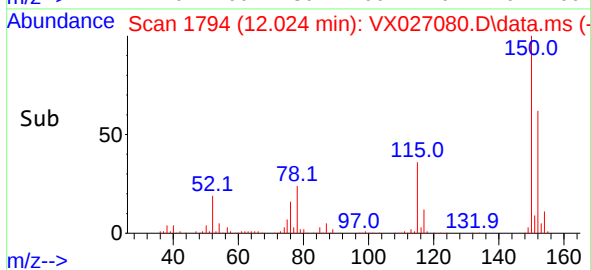
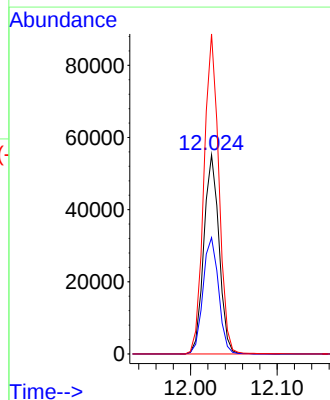
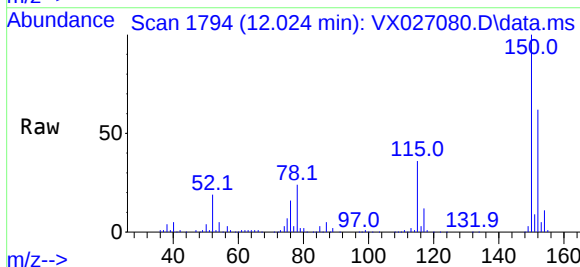
Instrument :
MSVOA_X
ClientSampleId :
FB021722

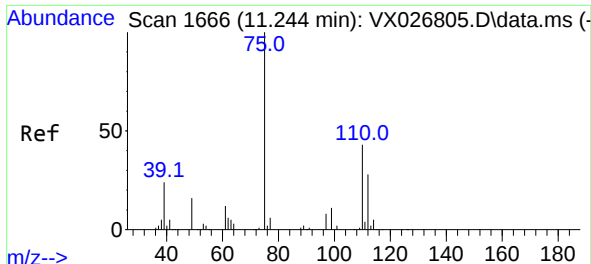
Tgt Ion:117 Resp: 160235
Ion Ratio Lower Upper
117 100
82 56.8 45.2 67.8
119 31.5 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027080.D
Acq: 17 Feb 2022 16:09

Tgt Ion:152 Resp: 67194
Ion Ratio Lower Upper
152 100
115 59.7 44.2 132.6
150 157.9 0.0 348.2

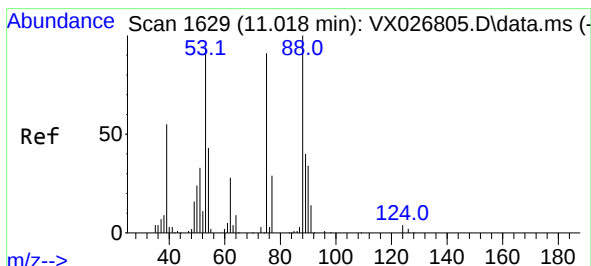
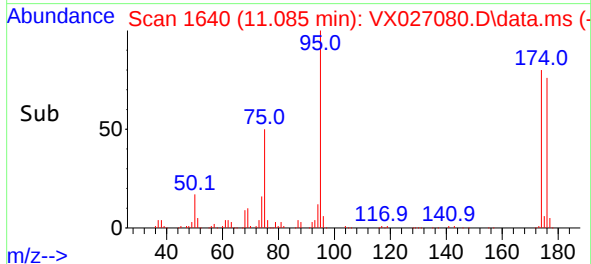
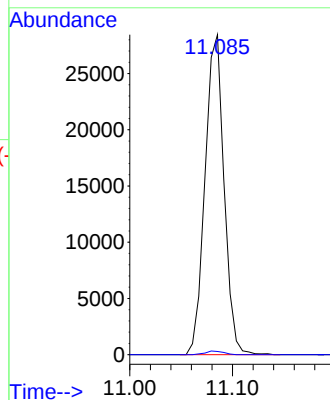
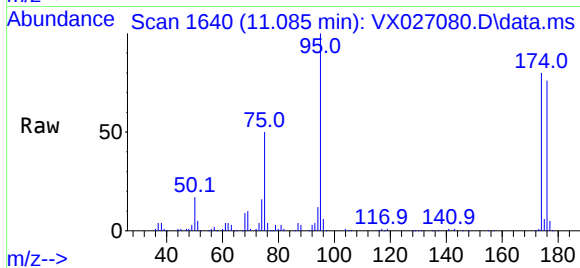




#76
1,2,3-Trichloropropane
Concen: 24.893 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX027080.D
Acq: 17 Feb 2022 16:09

Instrument :
MSVOA_X
ClientSampleId :
FB021722

Tgt Ion: 75 Resp: 36615
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.943 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX027080.D
Acq: 17 Feb 2022 16:09

Tgt Ion: 75 Resp: 36615
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

