

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032222\
 Data File : VX027619.D
 Acq On : 22 Mar 2022 17:04
 Operator : JC/MD
 Sample : N1998-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB031522

Quant Time: Mar 23 01:48:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

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

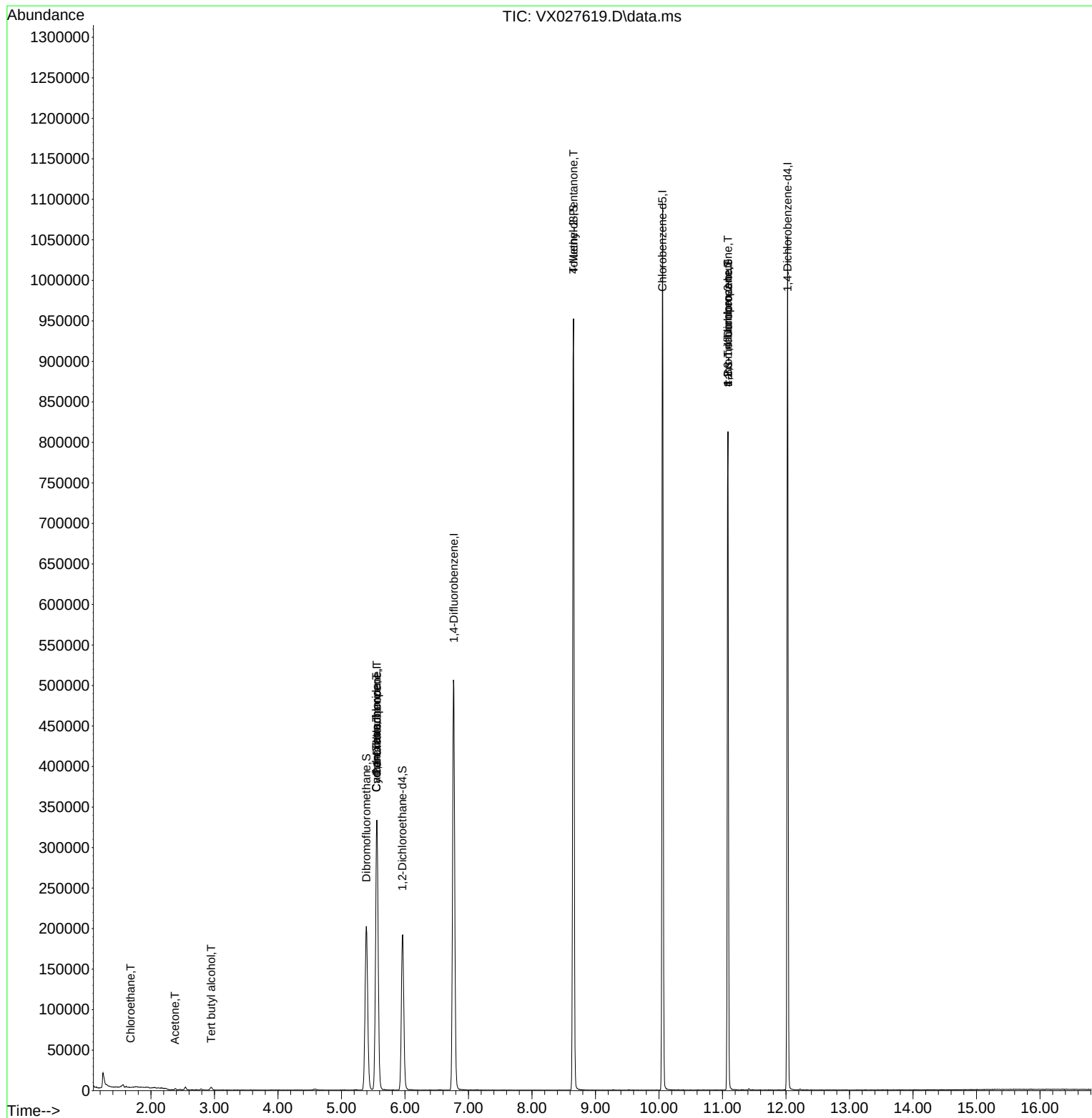
Internal Standards						
1) Pentafluorobenzene	5.556	168	340800	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	555041	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	506480	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	222025	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	187826	44.738	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	89.480%
35) Dibromofluoromethane	5.391	113	181798	50.909	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.820%
50) Toluene-d8	8.653	98	613113	45.371	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	90.740%
62) 4-Bromofluorobenzene	11.085	95	224263	45.152	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.300%
Target Compounds						
					Qvalue	
5) Bromomethane	1.612	94	681	Below Cal		97
6) Chloroethane	1.679	64	650	0.316	ug/l #	43
11) Tert butyl alcohol	2.947	59	2178	2.722	ug/l #	72
16) Acetone	2.380	43	1574	0.920	ug/l	93
31) Cyclohexane	5.550	56	5228	1.003	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	22451	4.601	ug/l #	50
38) Carbon Tetrachloride	5.550	117	33170	5.941	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	1939	0.388	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	104382	22.477	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	104382	68.262	ug/l #	15

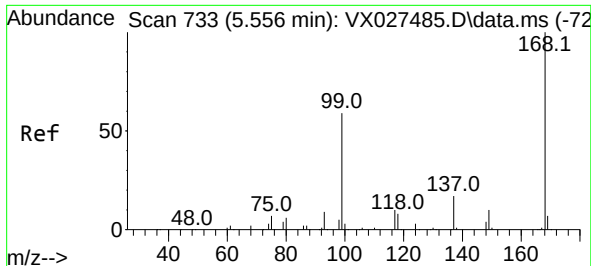
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 23 01:48:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 17 15:02:59 2022
Response via : Initial Calibration

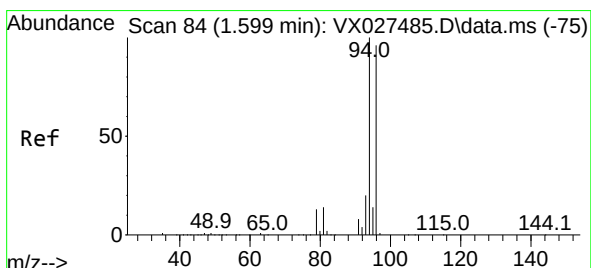
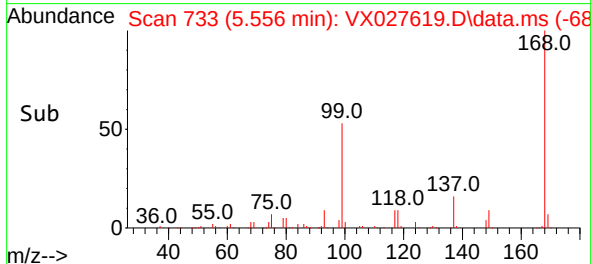
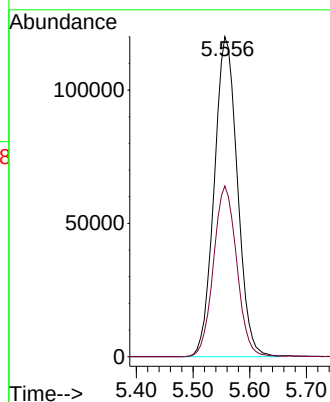
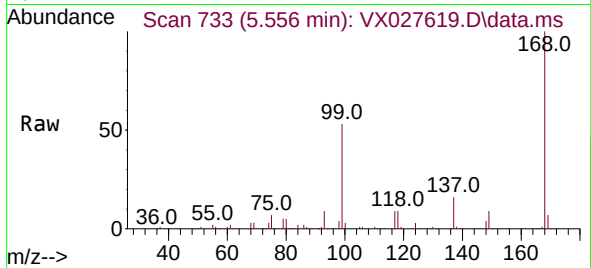




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027619.D
Acq: 22 Mar 2022 17:04

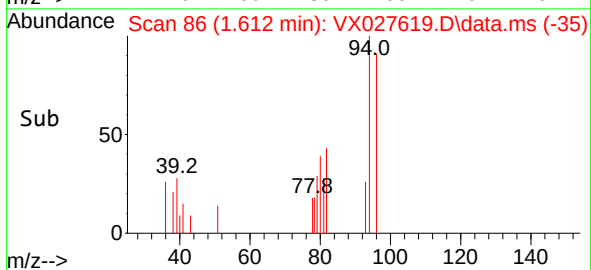
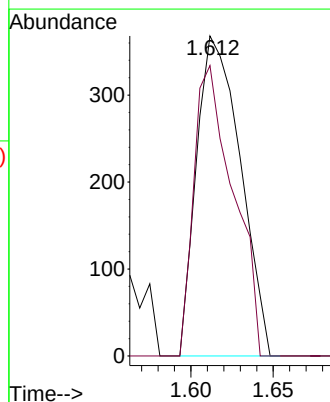
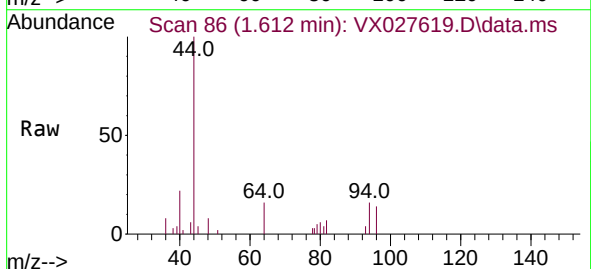
Instrument :
MSVOA_X
ClientSampleId :
FB031522

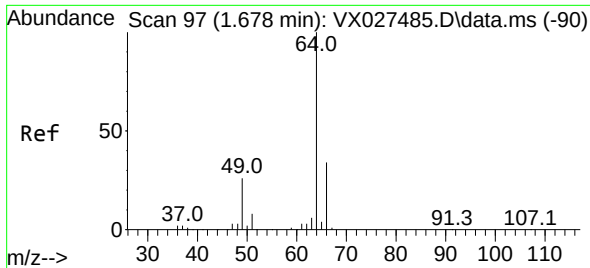
Tgt Ion:168 Resp: 340800
Ion Ratio Lower Upper
168 100
99 53.4 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX027619.D
Acq: 22 Mar 2022 17:04

Tgt Ion: 94 Resp: 681
Ion Ratio Lower Upper
94 100
96 90.8 75.3 112.9

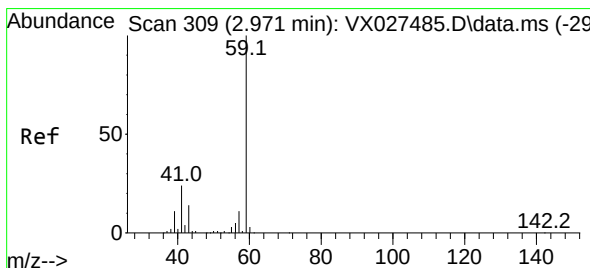
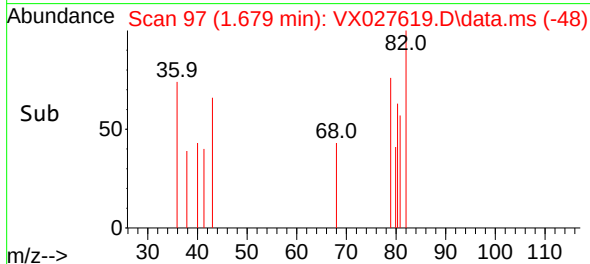
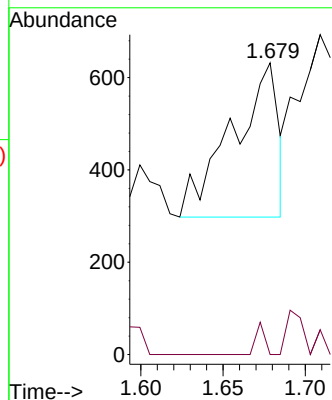
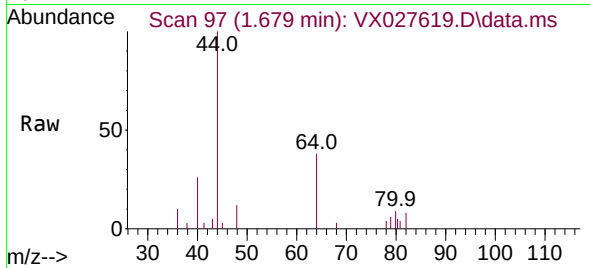




#6
Chloroethane
Concen: 0.316 ug/l
RT: 1.679 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX027619.D
Acq: 22 Mar 2022 17:04

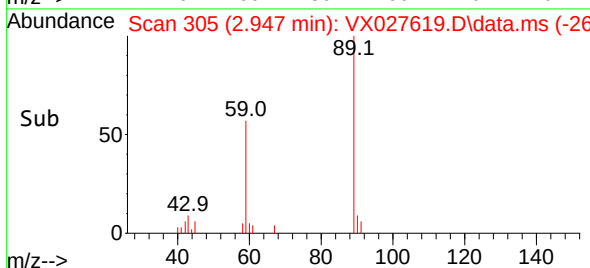
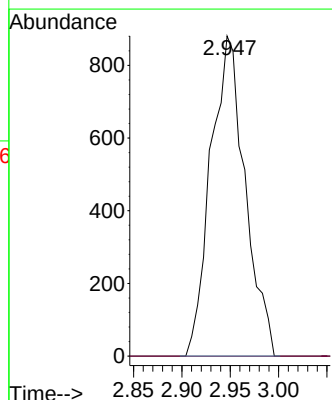
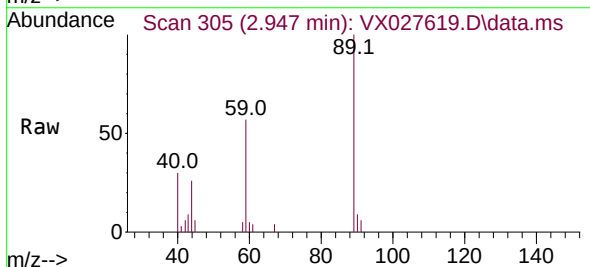
Instrument :
MSVOA_X
ClientSampleId :
FB031522

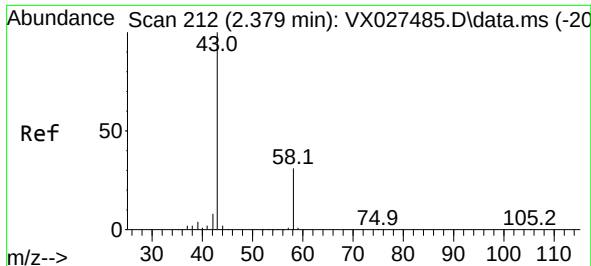
Tgt Ion: 64 Resp: 650
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#11
Tert butyl alcohol
Concen: 2.722 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.024 min
Lab File: VX027619.D
Acq: 22 Mar 2022 17:04

Tgt Ion: 59 Resp: 2178
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

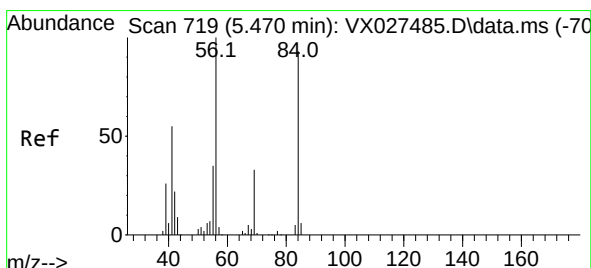
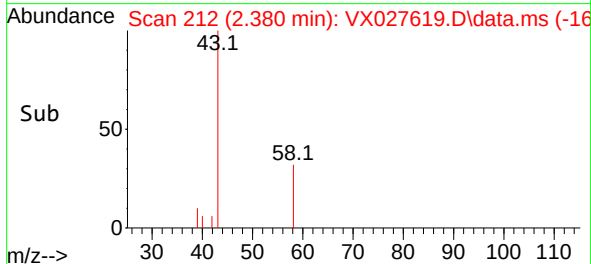
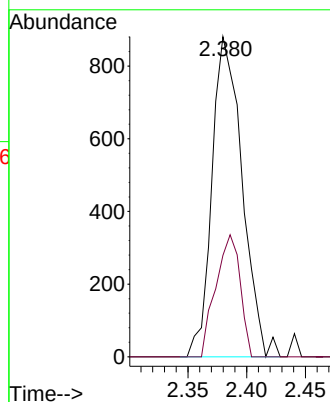
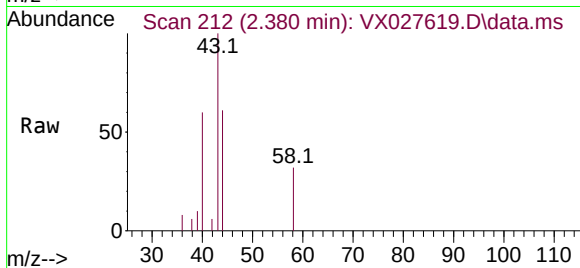




#16
Acetone
Concen: 0.920 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX027619.D
Acq: 22 Mar 2022 17:04

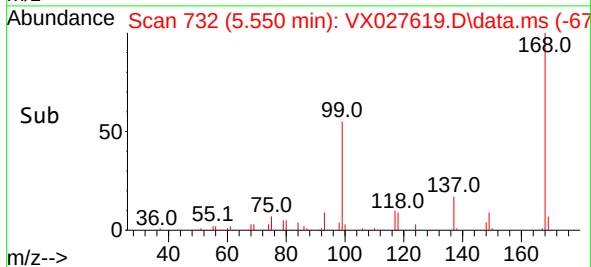
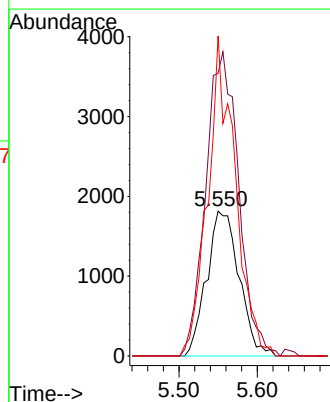
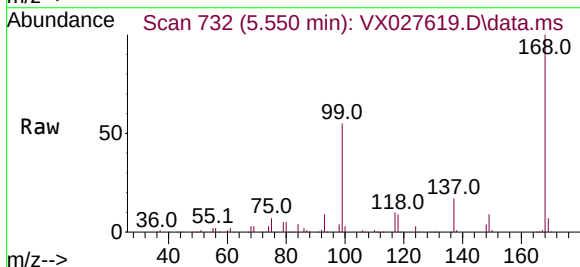
Instrument :
MSVOA_X
ClientSampleId :
FB031522

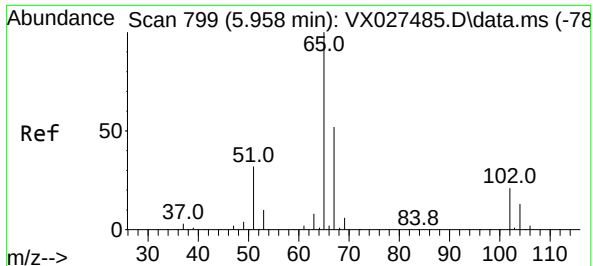
Tgt Ion: 43 Resp: 1574
Ion Ratio Lower Upper
43 100
58 31.7 28.8 43.2



#31
Cyclohexane
Concen: 1.003 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX027619.D
Acq: 22 Mar 2022 17:04

Tgt Ion: 56 Resp: 5228
Ion Ratio Lower Upper
56 100
69 195.3 26.7 40.1#
84 221.1 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 44.738 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027619.D

Acq: 22 Mar 2022 17:04

Instrument :

MSVOA_X

ClientSampleId :

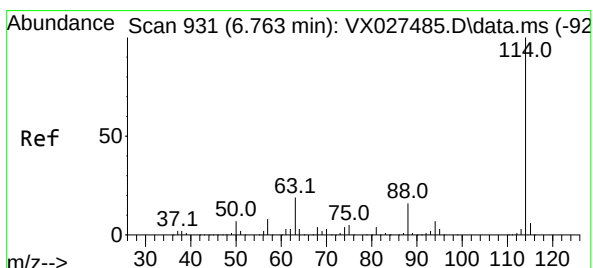
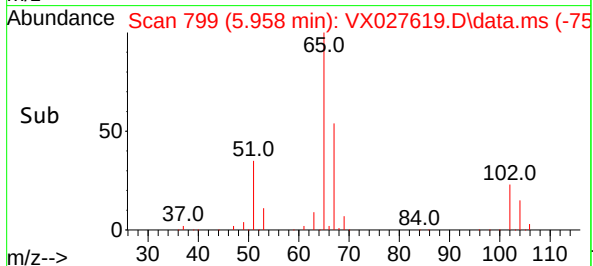
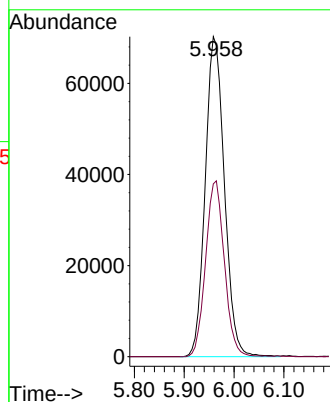
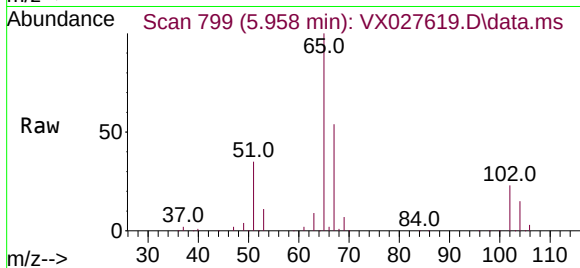
FB031522

Tgt Ion: 65 Resp: 187826

Ion Ratio Lower Upper

65 100

67 53.8 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX027619.D

Acq: 22 Mar 2022 17:04

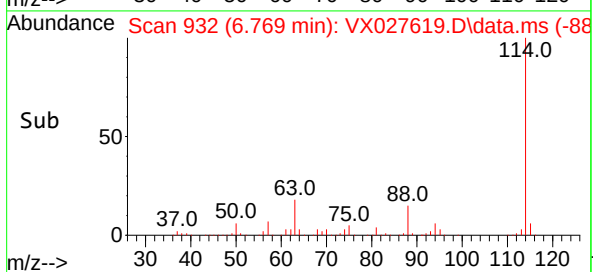
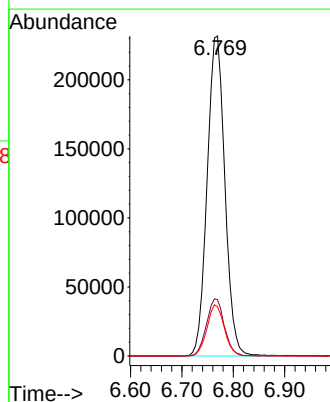
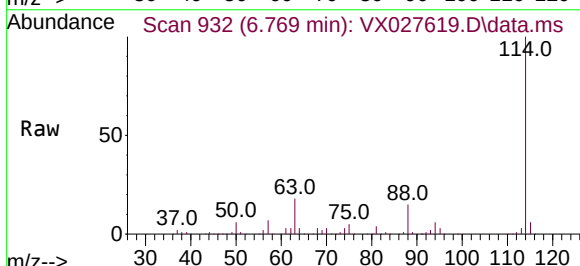
Tgt Ion: 114 Resp: 555041

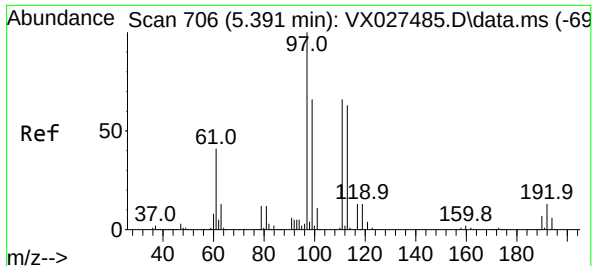
Ion Ratio Lower Upper

114 100

63 17.6 0.0 36.8

88 15.4 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.909 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX027619.D

Acq: 22 Mar 2022 17:04

Instrument :

MSVOA_X

ClientSampleId :

FB031522

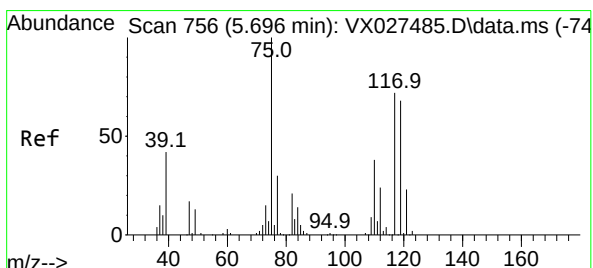
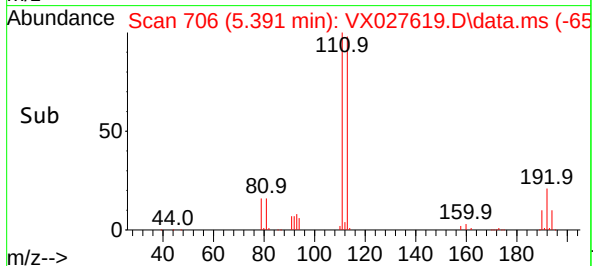
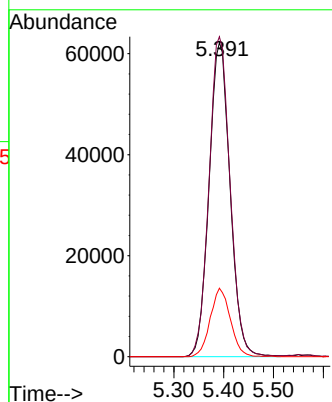
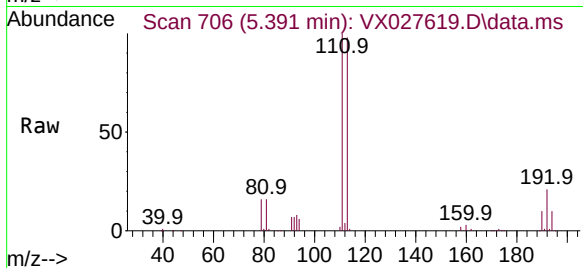
Tgt Ion:113 Resp: 181798

Ion Ratio Lower Upper

113 100

111 102.3 82.8 124.2

192 20.9 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.601 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX027619.D

Acq: 22 Mar 2022 17:04

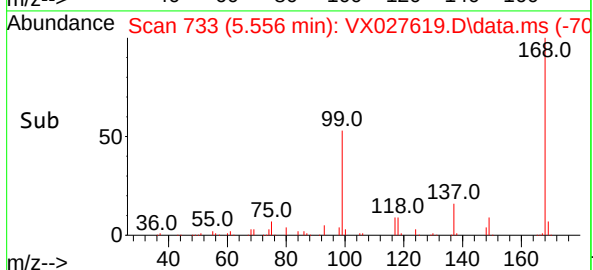
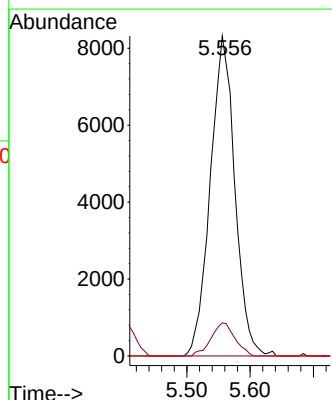
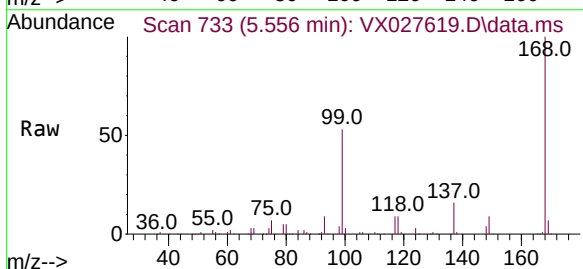
Tgt Ion: 75 Resp: 22451

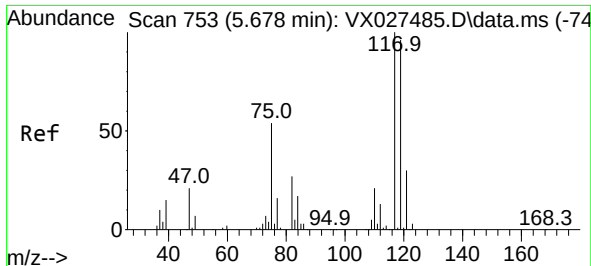
Ion Ratio Lower Upper

75 100

110 10.0 18.3 54.8#

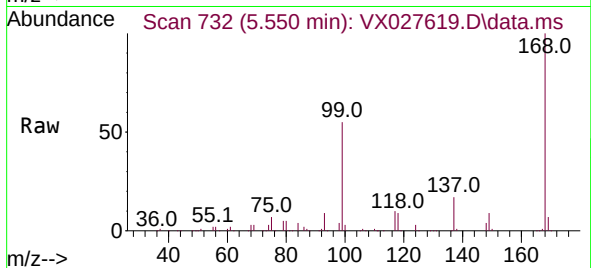
77 0.0 24.8 37.2#



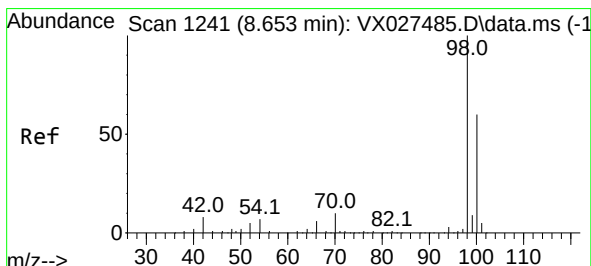
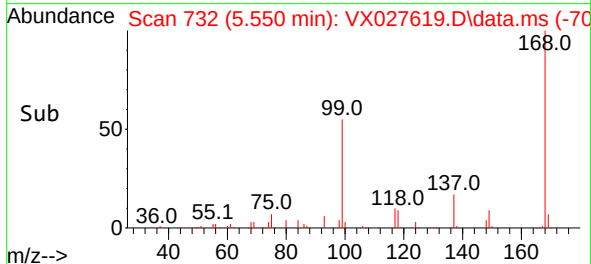
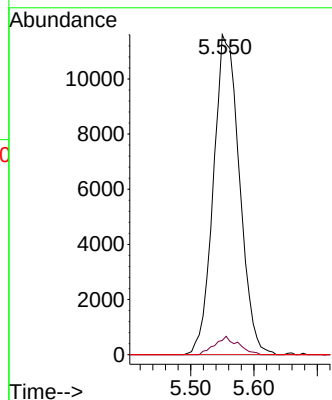


#38
Carbon Tetrachloride
Concen: 5.941 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX027619.D
Acq: 22 Mar 2022 17:04

Instrument :
MSVOA_X
ClientSampleId :
FB031522

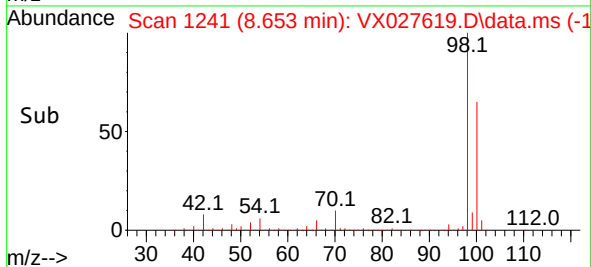
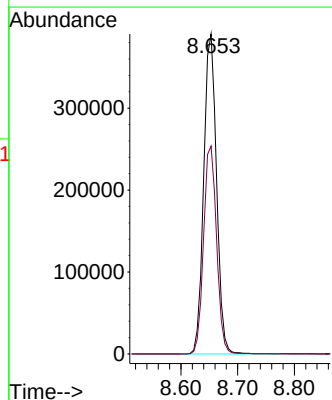
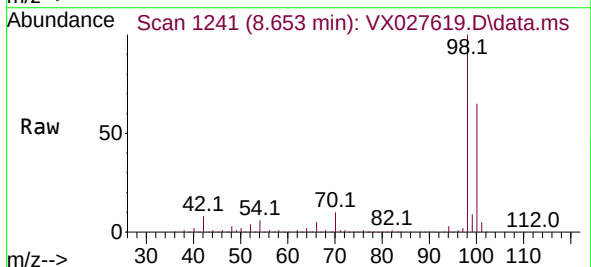


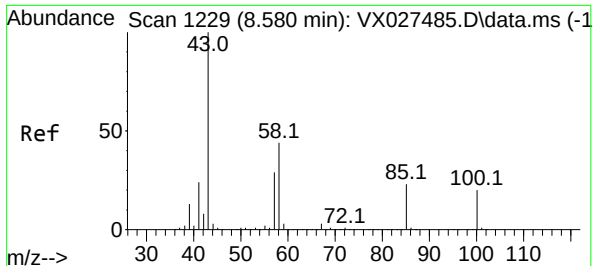
Tgt Ion:117 Resp: 33170
Ion Ratio Lower Upper
117 100
119 4.5 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 45.371 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027619.D
Acq: 22 Mar 2022 17:04

Tgt Ion: 98 Resp: 613113
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8

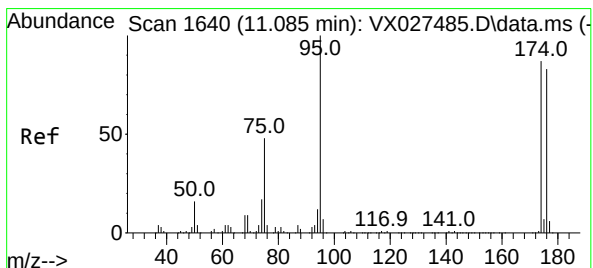
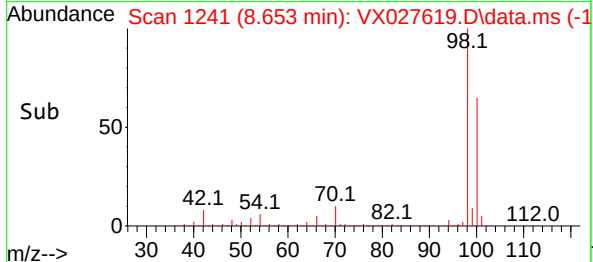
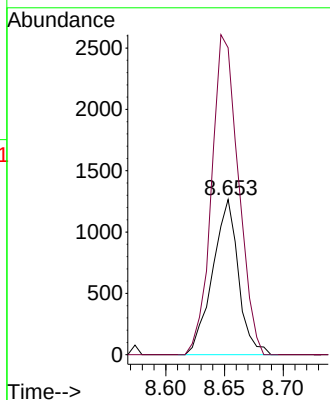
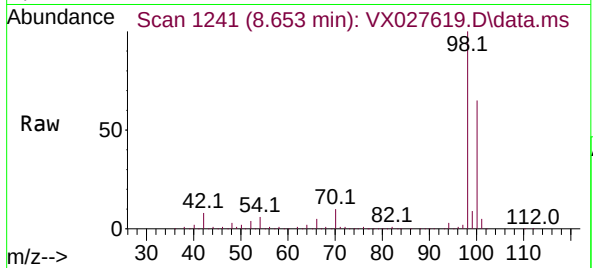




#51
 4-Methyl-2-Pentanone
 Concen: 0.388 ug/l
 RT: 8.653 min Scan# 11
 Delta R.T. 0.073 min
 Lab File: VX027619.D
 Acq: 22 Mar 2022 17:04

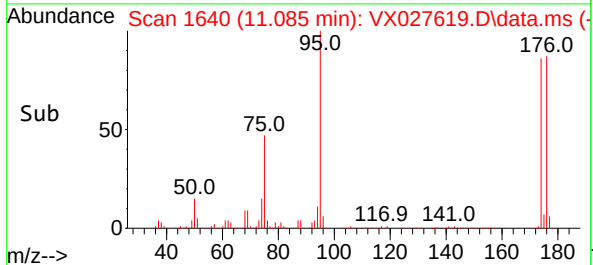
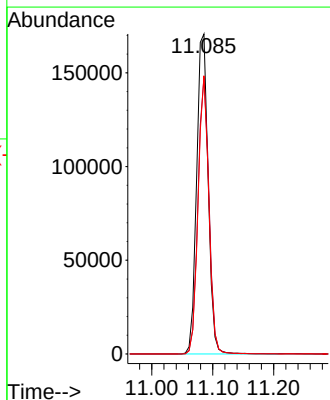
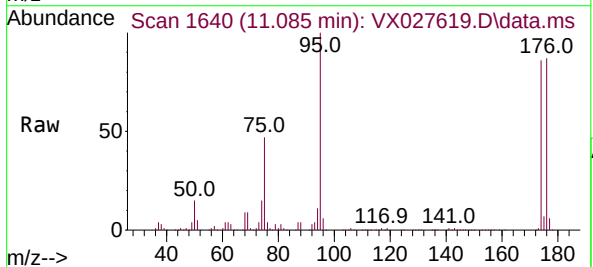
Instrument :
 MSVOA_X
 ClientSampleId :
 FB031522

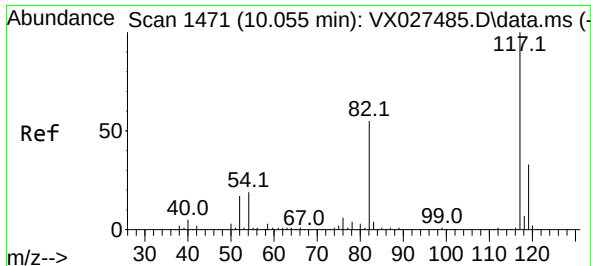
Tgt Ion: 43 Resp: 1939
 Ion Ratio Lower Upper
 43 100
 58 213.9 36.1 54.1#



#62
 4-Bromofluorobenzene
 Concen: 45.152 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.000 min
 Lab File: VX027619.D
 Acq: 22 Mar 2022 17:04

Tgt Ion: 95 Resp: 224263
 Ion Ratio Lower Upper
 95 100
 174 83.0 0.0 163.0
 176 81.0 0.0 155.0

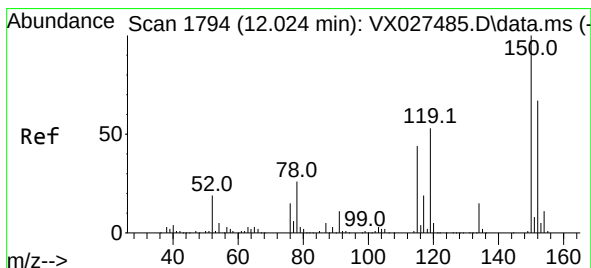
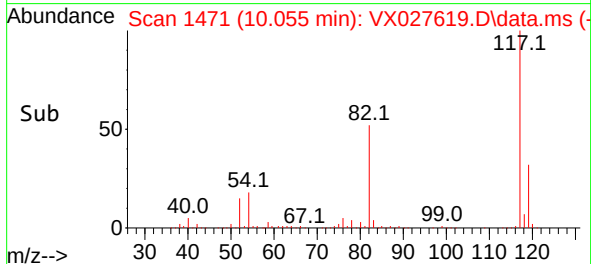
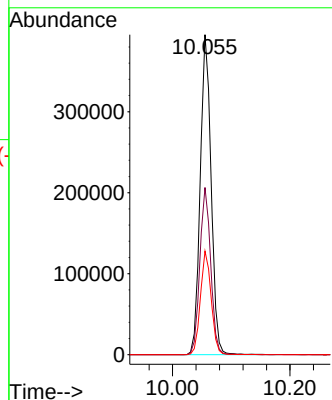
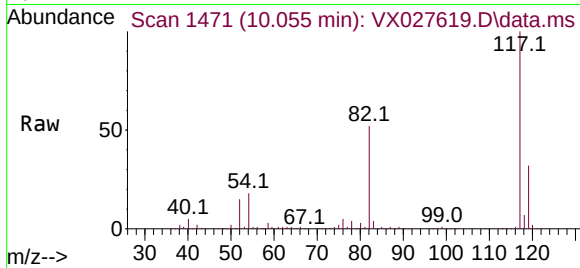




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027619.D
Acq: 22 Mar 2022 17:04

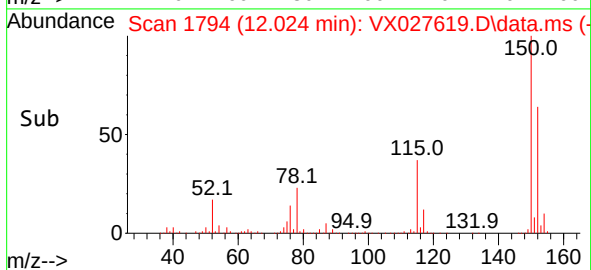
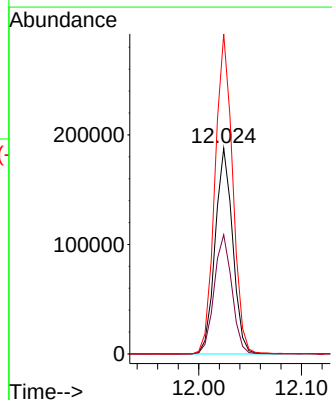
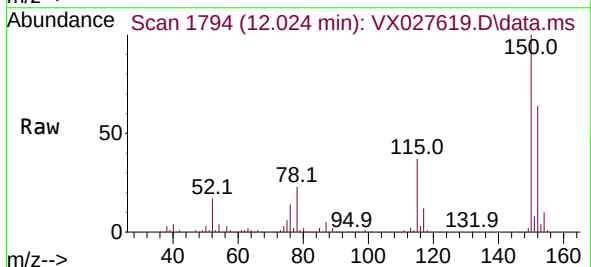
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MSVOA_X
ClientSampleId :
FB031522

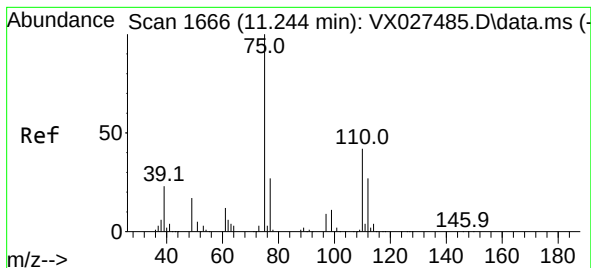
Tgt Ion:117 Resp: 506480
Ion Ratio Lower Upper
117 100
82 52.2 41.8 62.8
119 32.4 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027619.D
Acq: 22 Mar 2022 17:04

Tgt Ion:152 Resp: 222025
Ion Ratio Lower Upper
152 100
115 58.9 37.5 112.7
150 157.0 0.0 338.2





#76

1,2,3-Trichloropropane

Concen: 22.477 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.158 min

Lab File: VX027619.D

Acq: 22 Mar 2022 17:04

Instrument :

MSVOA_X

ClientSampleId :

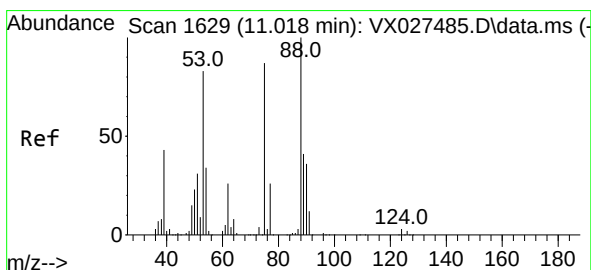
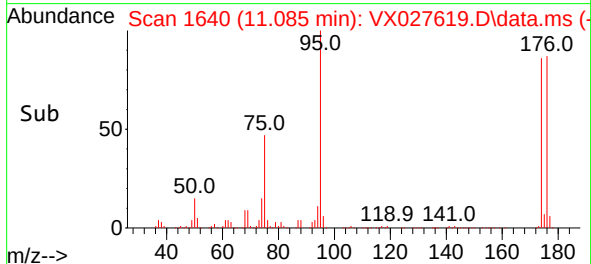
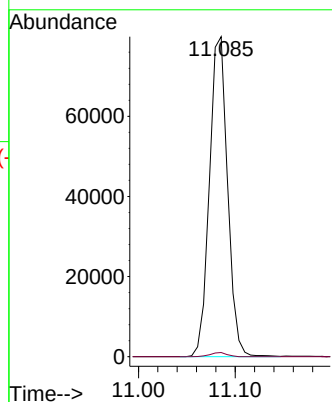
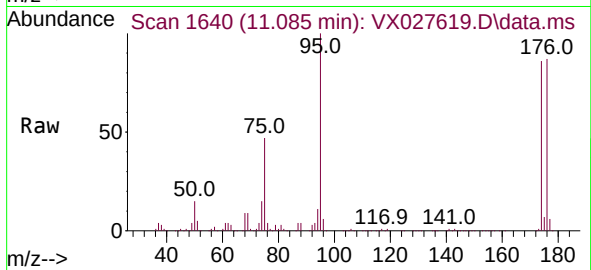
FB031522

Tgt Ion: 75 Resp: 104382

Ion Ratio Lower Upper

75 100

77 1.2 19.4 58.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 68.262 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.067 min

Lab File: VX027619.D

Acq: 22 Mar 2022 17:04

Tgt Ion: 75 Resp: 104382

Ion Ratio Lower Upper

75 100

53 0.0 69.0 103.4#

89 0.0 37.0 55.6#

