

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012522\
 Data File : VX026569.D
 Acq On : 25 Jan 2022 15:13
 Operator : JC/MD
 Sample : N1252-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 26 06:13:11 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)

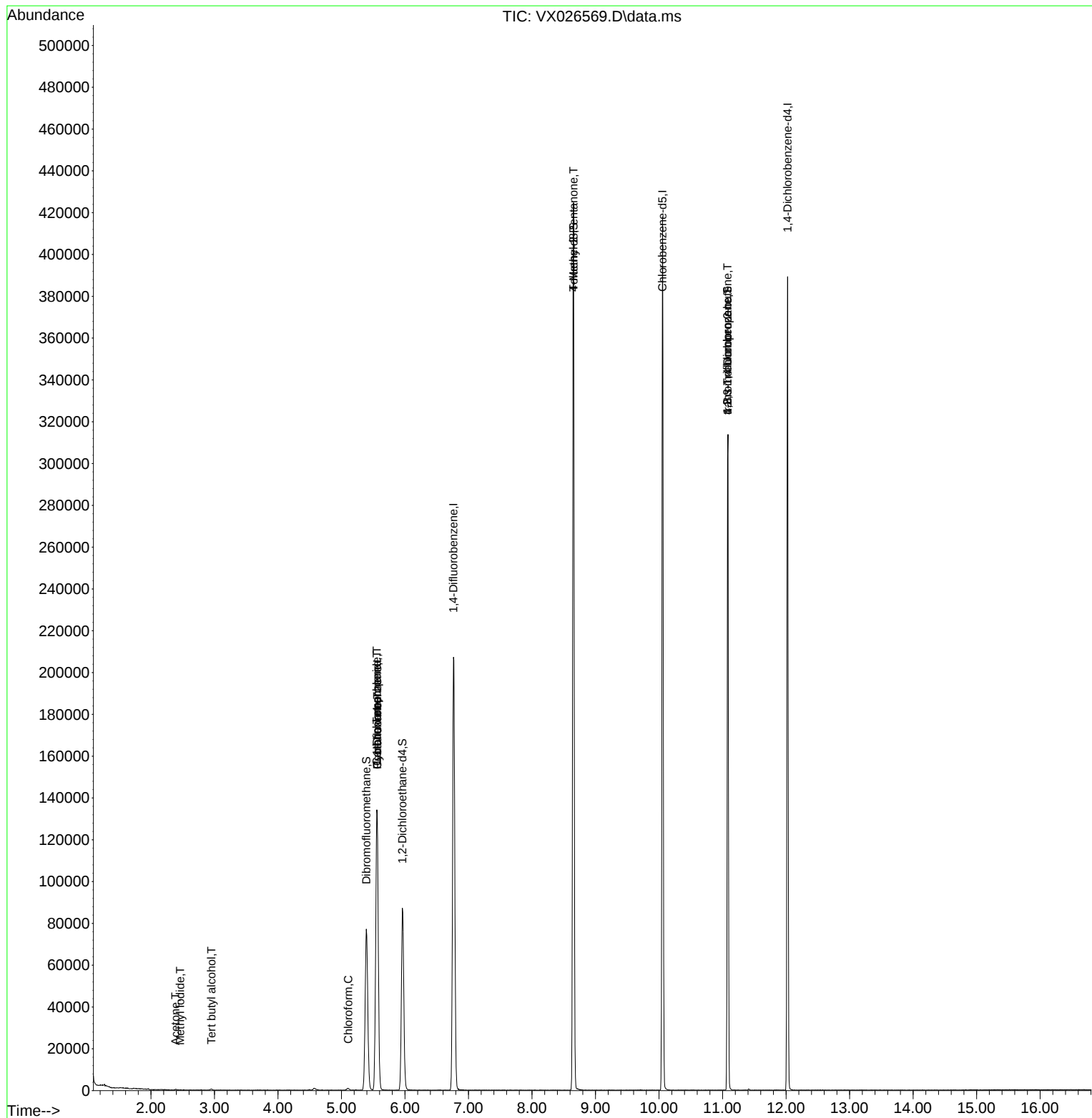
Internal Standards						
1) Pentafluorobenzene	5.562	168	123454	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	212455	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	186751	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77375	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84096	48.764	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.520%
35) Dibromofluoromethane	5.391	113	66994	48.831	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.660%
50) Toluene-d8	8.653	98	248660	50.295	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.600%
62) 4-Bromofluorobenzene	11.079	95	87456	49.796	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.600%
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.459	142	96	4.505	ug/l #	37
11) Tert butyl alcohol	2.953	59	300	1.250	ug/l #	75
16) Acetone	2.386	43	499	0.567	ug/l #	79
30) Chloroform	5.105	83	1221	0.452	ug/l #	77
31) Cyclohexane	5.562	56	2542	0.999	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10082	4.655	ug/l #	50
38) Carbon Tetrachloride	5.556	117	13142	5.899	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	1080	0.514	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	43773	25.694	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	43773	77.962	ug/l #	3

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

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MSVOA_X
ClientSampleId :

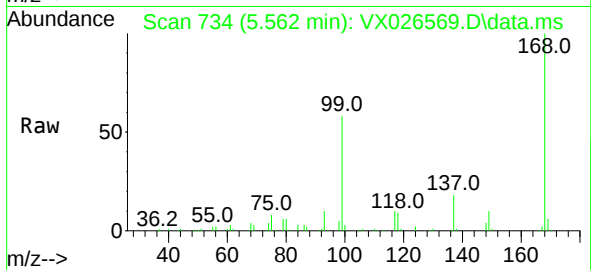
Quant Time: Jan 26 06:13:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 2022
Response via : Initial Calibration



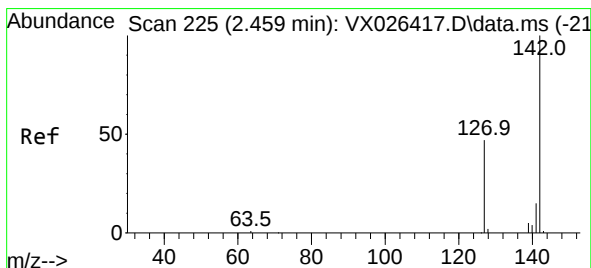
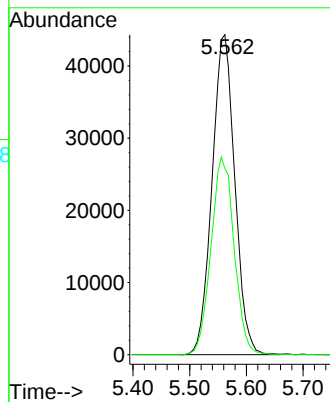
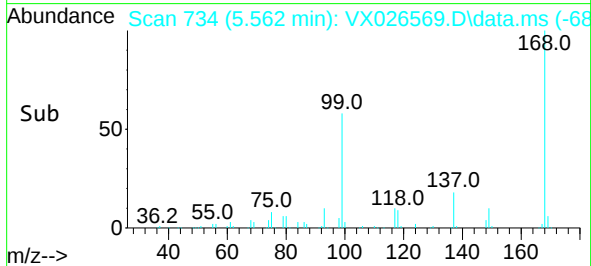


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026569.D
Acq: 25 Jan 2022 15:13

Instrument :
MSVOA_X
ClientSampleId :

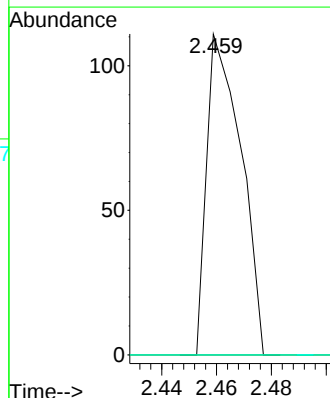
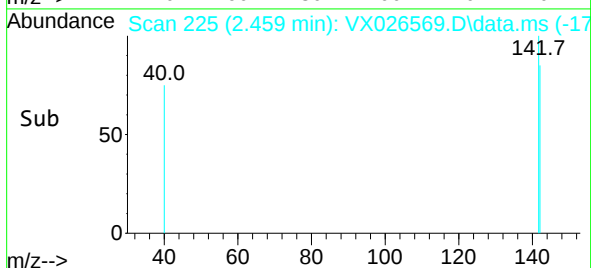
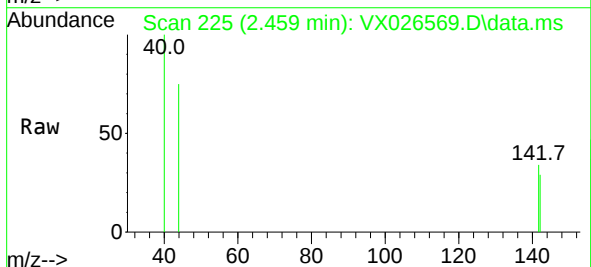


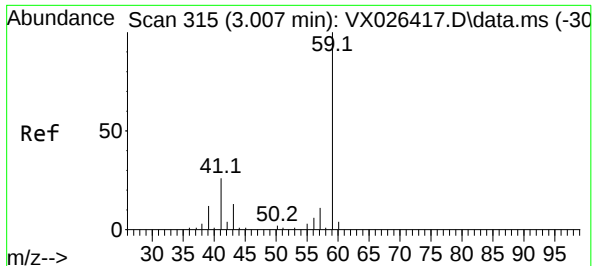
Tgt Ion:168 Resp: 123454
Ion Ratio Lower Upper
168 100
99 58.2 50.3 75.5



#10
Methyl Iodide
Concen: 4.505 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX026569.D
Acq: 25 Jan 2022 15:13

Tgt Ion:142 Resp: 96
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: 1.250 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.054 min

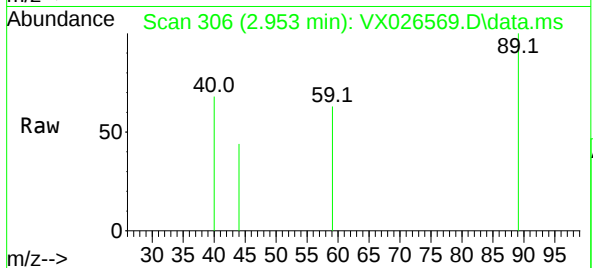
Lab File: VX026569.D

Acq: 25 Jan 2022 15:13

Instrument :

MSVOA_X

ClientSampleId :

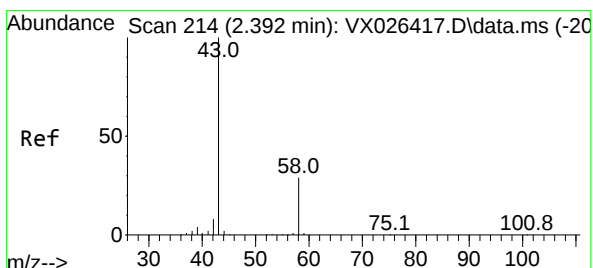
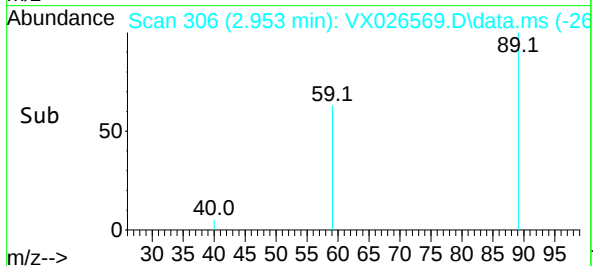
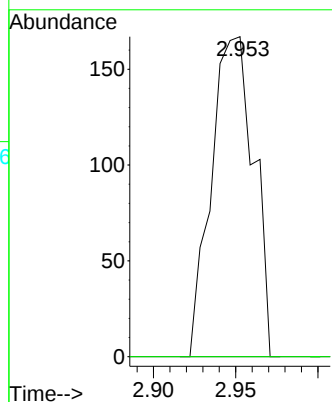


Tgt Ion: 59 Resp: 300

Ion Ratio Lower Upper

59 100

57 0.0 7.2 10.8#



#16

Acetone

Concen: 0.567 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX026569.D

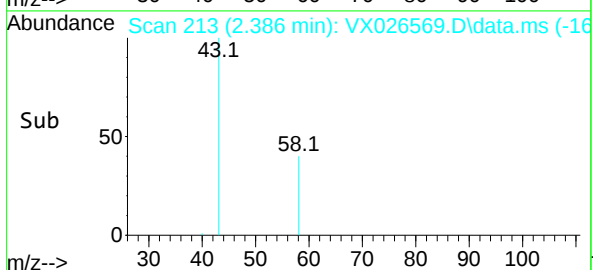
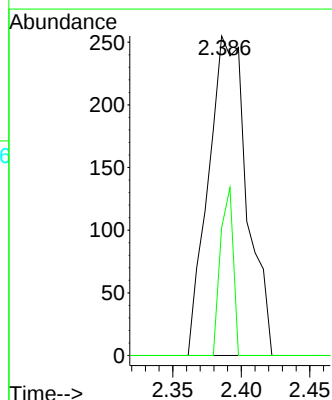
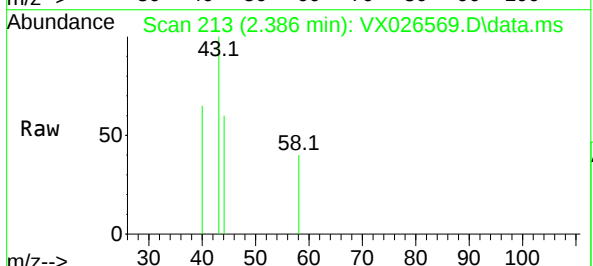
Acq: 25 Jan 2022 15:13

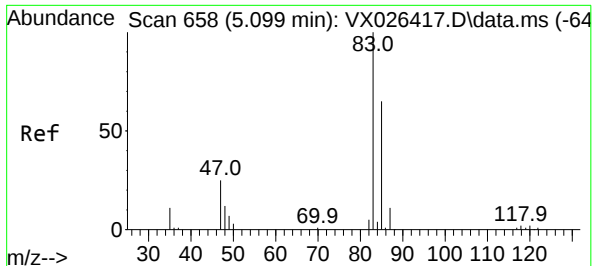
Tgt Ion: 43 Resp: 499

Ion Ratio Lower Upper

43 100

58 40.0 23.0 34.6#





#30

Chloroform

Concen: 0.452 ug/l

RT: 5.105 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX026569.D

Acq: 25 Jan 2022 15:13

Instrument :

MSVOA_X

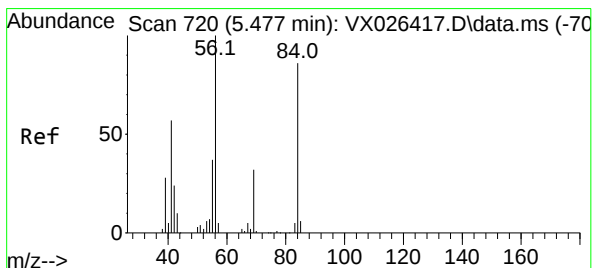
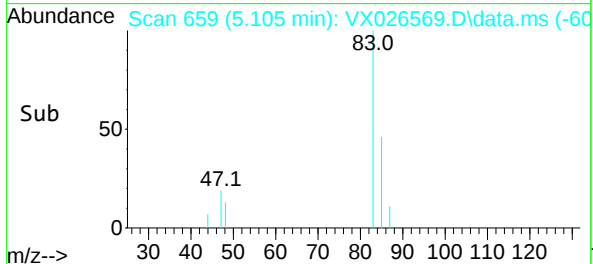
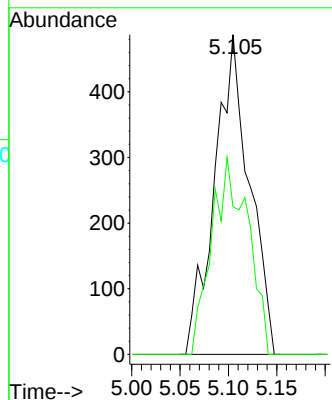
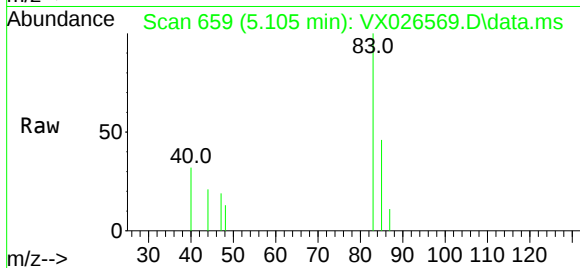
ClientSampleId :

Tgt Ion: 83 Resp: 1221

Ion Ratio Lower Upper

83 100

85 46.2 51.6 77.4#



#31

Cyclohexane

Concen: 0.999 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.085 min

Lab File: VX026569.D

Acq: 25 Jan 2022 15:13

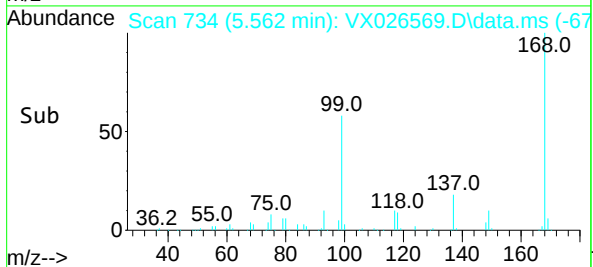
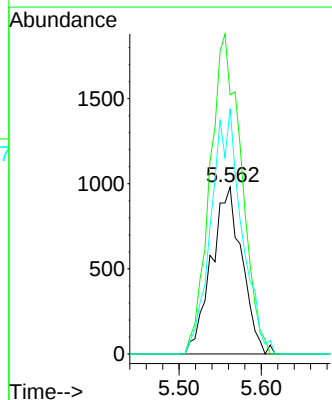
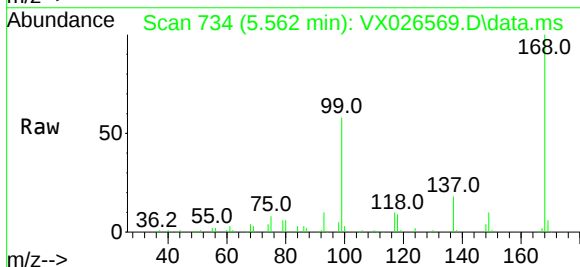
Tgt Ion: 56 Resp: 2542

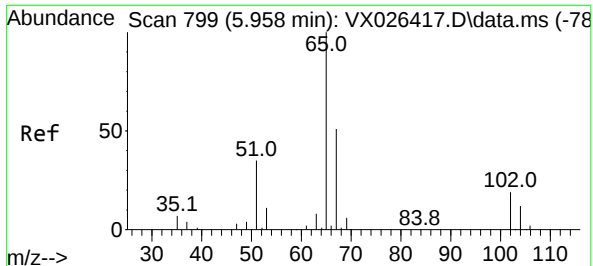
Ion Ratio Lower Upper

56 100

69 155.1 25.8 38.6#

84 147.0 68.9 103.3#

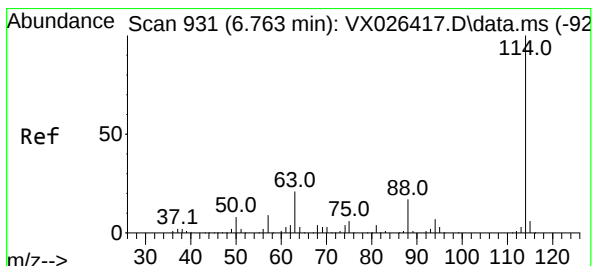
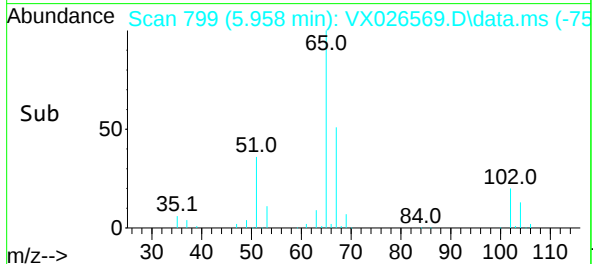
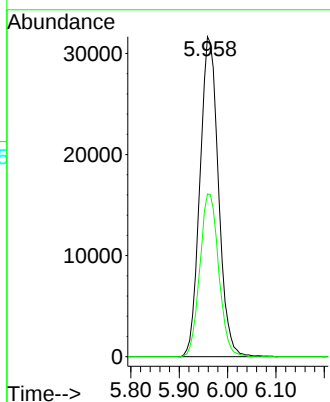
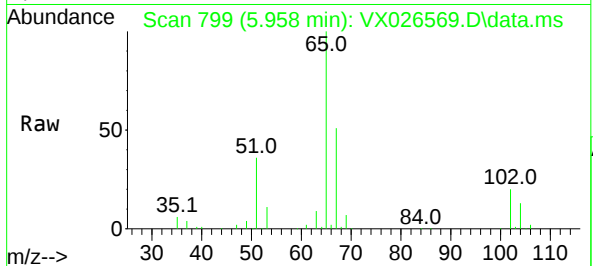




#33
 1,2-Dichloroethane-d4
 Concen: 48.764 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX026569.D
 Acq: 25 Jan 2022 15:13

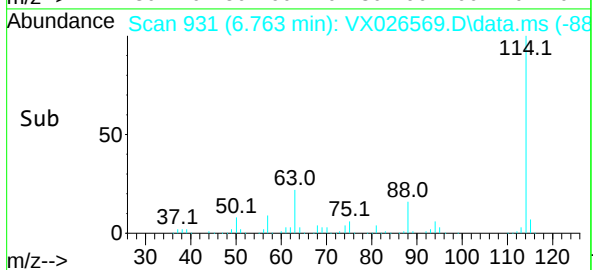
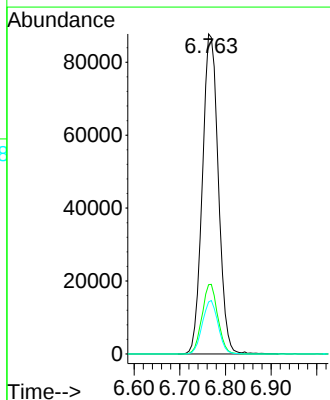
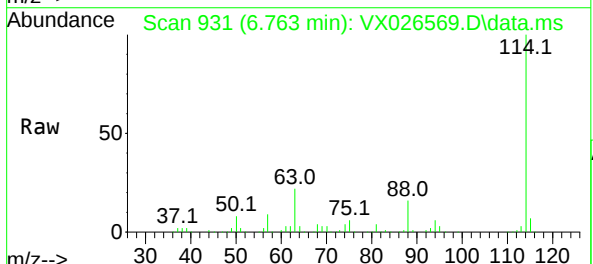
Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 65 Resp: 84096
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX026569.D
 Acq: 25 Jan 2022 15:13

Tgt Ion: 114 Resp: 212455
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 42.8
 88 16.3 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.831 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

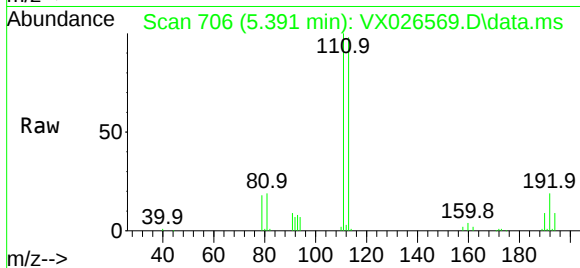
Lab File: VX026569.D

Acq: 25 Jan 2022 15:13

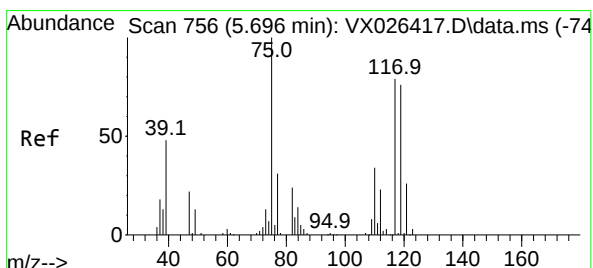
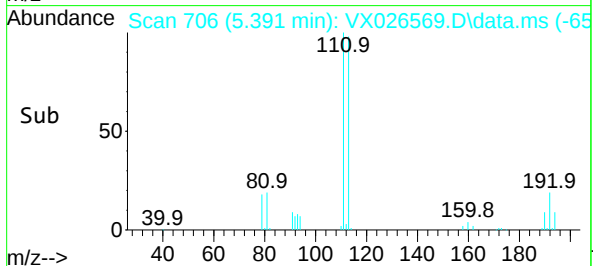
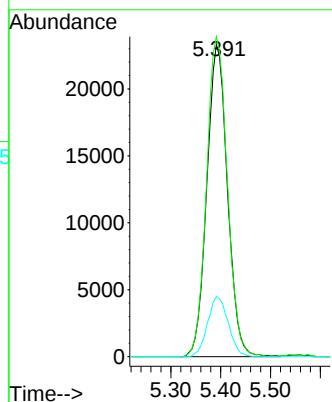
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	113	Resp:	66994
Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.2	121.8
192	19.3	15.0	22.4



#36

1,1-Dichloropropene

Concen: 4.655 ug/l

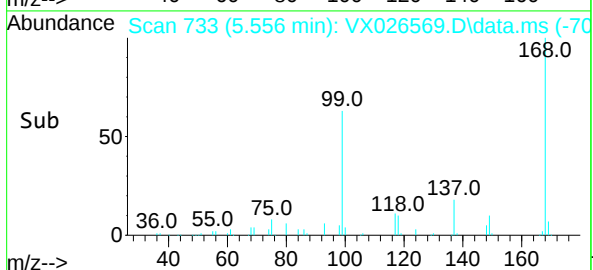
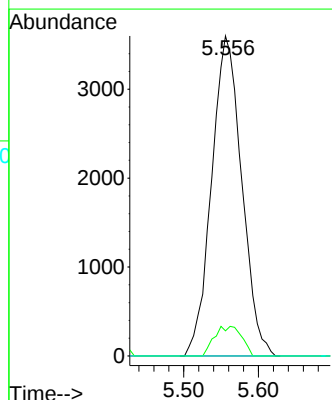
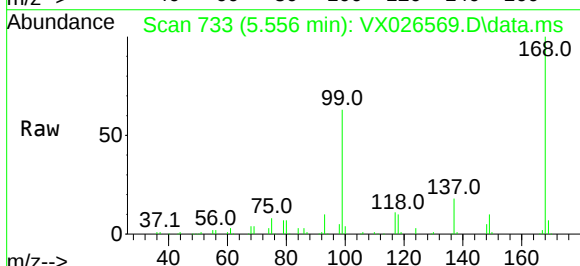
RT: 5.556 min Scan# 733

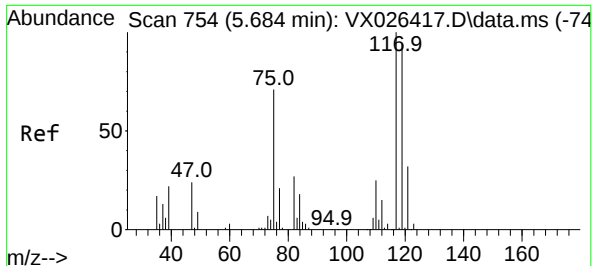
Delta R.T. -0.140 min

Lab File: VX026569.D

Acq: 25 Jan 2022 15:13

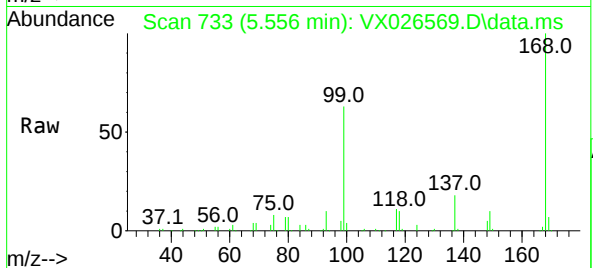
Tgt Ion:	75	Resp:	10082
Ion	Ratio	Lower	Upper
75	100		
110	8.4	17.2	51.6#
77	0.0	24.6	36.8#



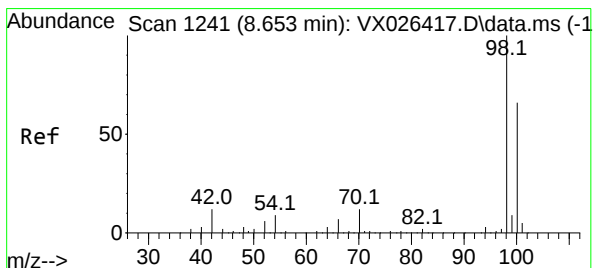
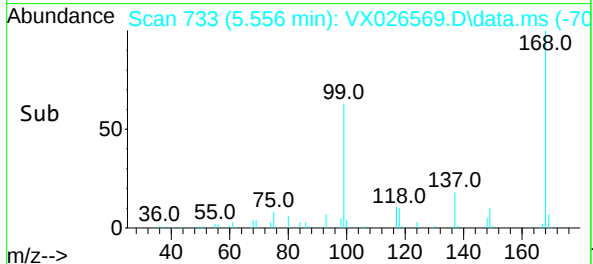
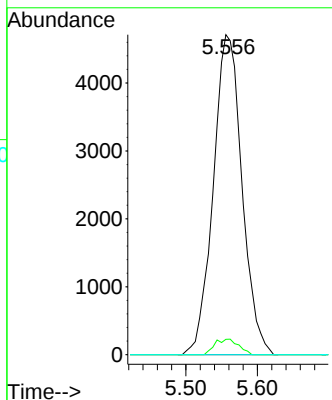


#38
Carbon Tetrachloride
Concen: 5.899 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX026569.D
Acq: 25 Jan 2022 15:13

Instrument :
MSVOA_X
ClientSampleId :

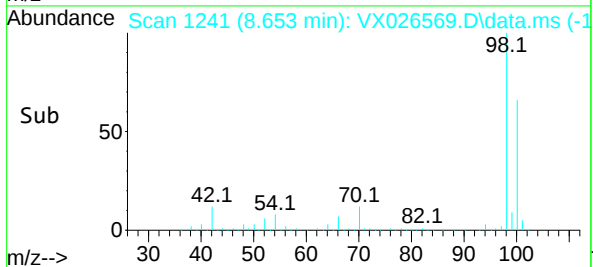
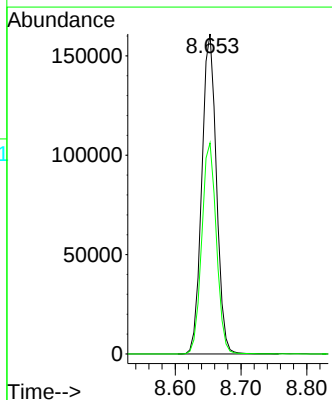
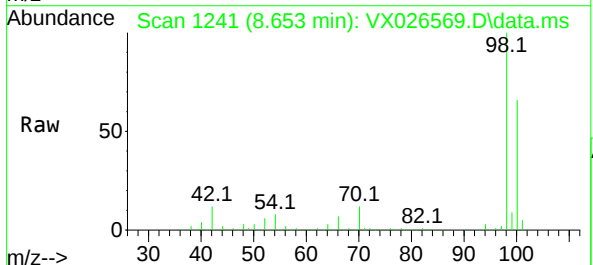


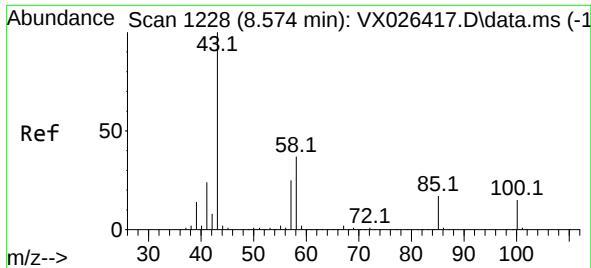
Tgt Ion:117 Resp: 13142
Ion Ratio Lower Upper
117 100
119 4.8 74.7 112.1#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 50.295 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026569.D
Acq: 25 Jan 2022 15:13

Tgt Ion: 98 Resp: 248660
Ion Ratio Lower Upper
98 100
100 66.1 53.2 79.8

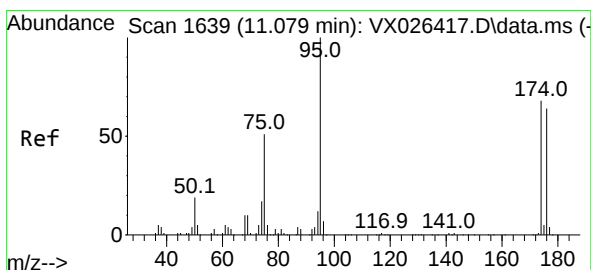
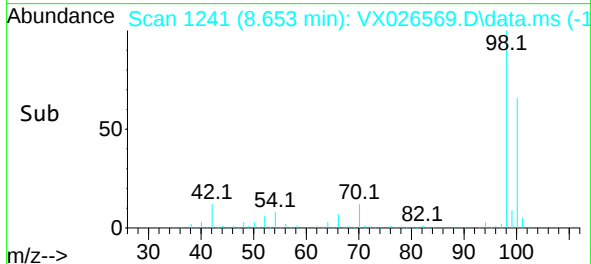
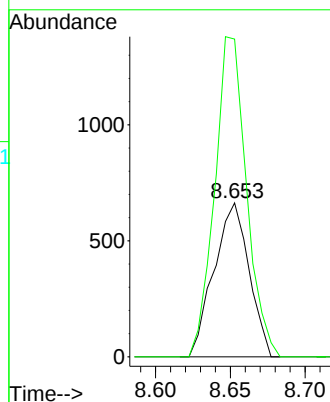
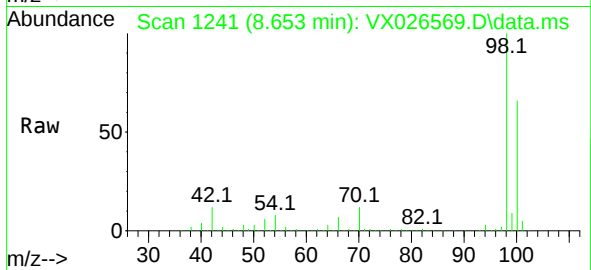




#51
4-Methyl-2-Pentanone
Concen: 0.514 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX026569.D
Acq: 25 Jan 2022 15:13

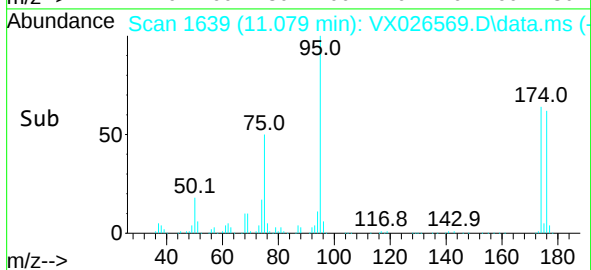
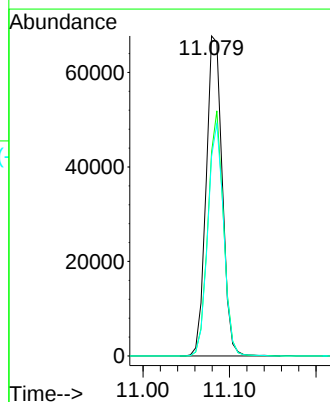
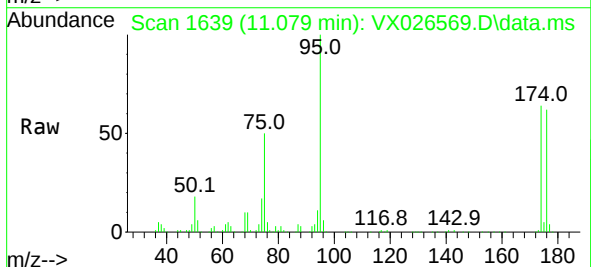
Instrument :
MSVOA_X
ClientSampleId :

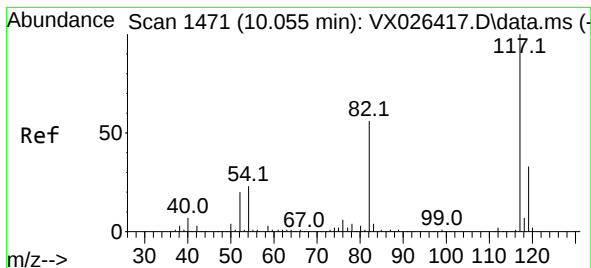
Tgt Ion: 43 Resp: 1080
Ion Ratio Lower Upper
43 100
58 189.1 30.5 45.7#



#62
4-Bromofluorobenzene
Concen: 49.796 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026569.D
Acq: 25 Jan 2022 15:13

Tgt Ion: 95 Resp: 87456
Ion Ratio Lower Upper
95 100
174 73.1 0.0 148.6
176 71.1 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: VX026569.D

Acq: 25 Jan 2022 15:13

Instrument :

MSVOA_X

ClientSampleId :

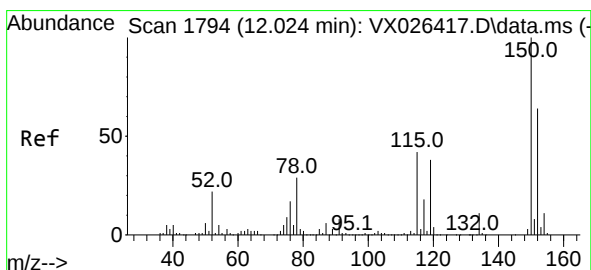
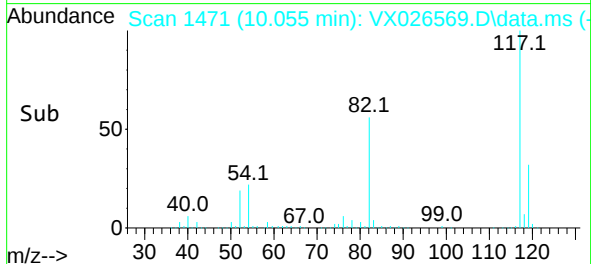
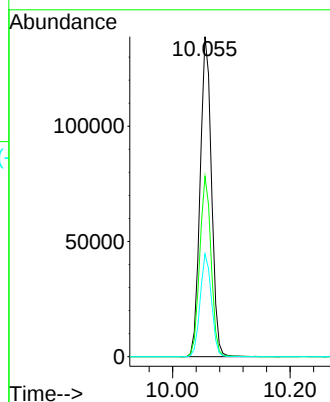
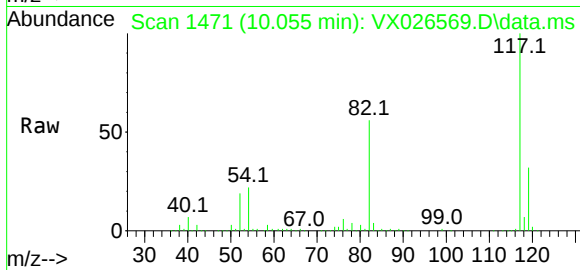
Tgt Ion:117 Resp: 186751

Ion Ratio Lower Upper

117 100

82 56.4 45.2 67.8

119 32.1 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: VX026569.D

Acq: 25 Jan 2022 15:13

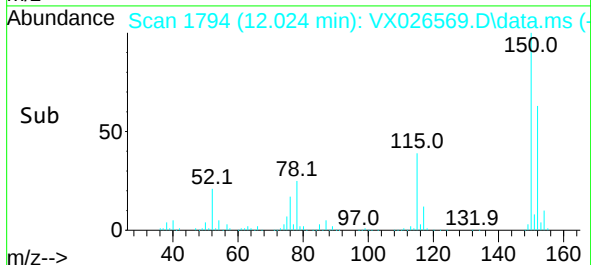
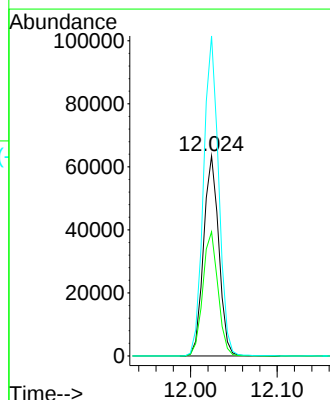
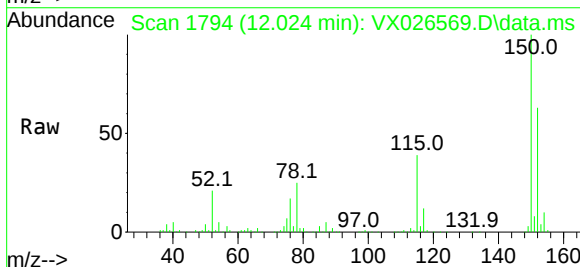
Tgt Ion:152 Resp: 77375

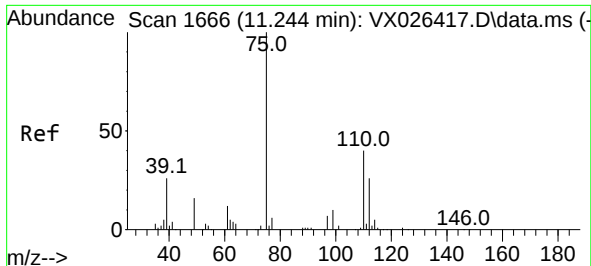
Ion Ratio Lower Upper

152 100

115 61.8 44.2 132.6

150 159.2 0.0 348.2

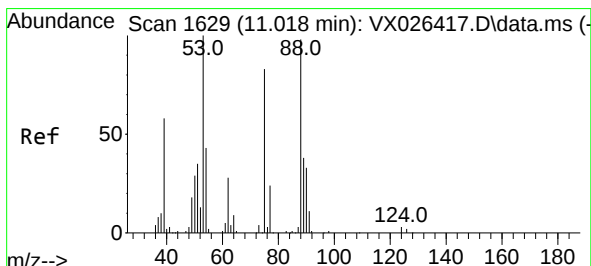
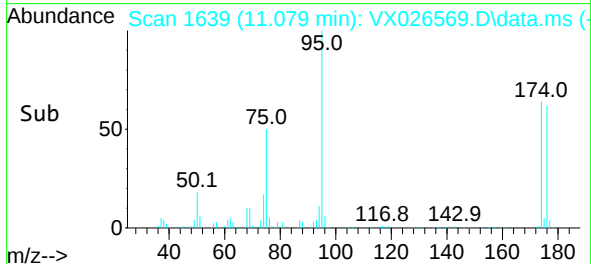
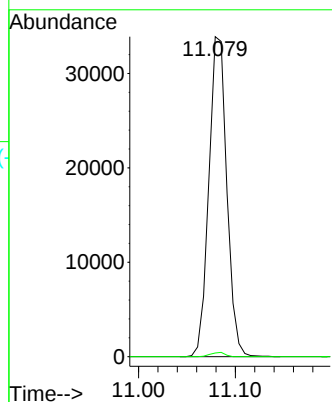
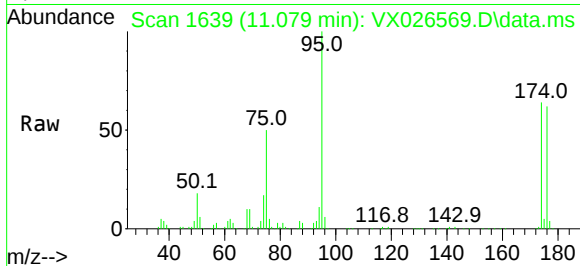




#76
1,2,3-Trichloropropane
Concen: 25.694 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026569.D
Acq: 25 Jan 2022 15:13

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 43773
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.962 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026569.D
Acq: 25 Jan 2022 15:13

Tgt Ion: 75 Resp: 43773
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

