

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032222\
 Data File : VX027609.D
 Acq On : 22 Mar 2022 11:47
 Operator : JC/MD
 Sample : VX0322WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0322WBL01

Quant Time: Mar 23 01:45:11 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	366673	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	578178	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	544935	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	246400	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	194840	43.134	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	86.260%
35) Dibromofluoromethane	5.391	113	191843	51.572	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.140%
50) Toluene-d8	8.653	98	697758	49.569	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.140%
62) 4-Bromofluorobenzene	11.079	95	244858	47.326	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.660%

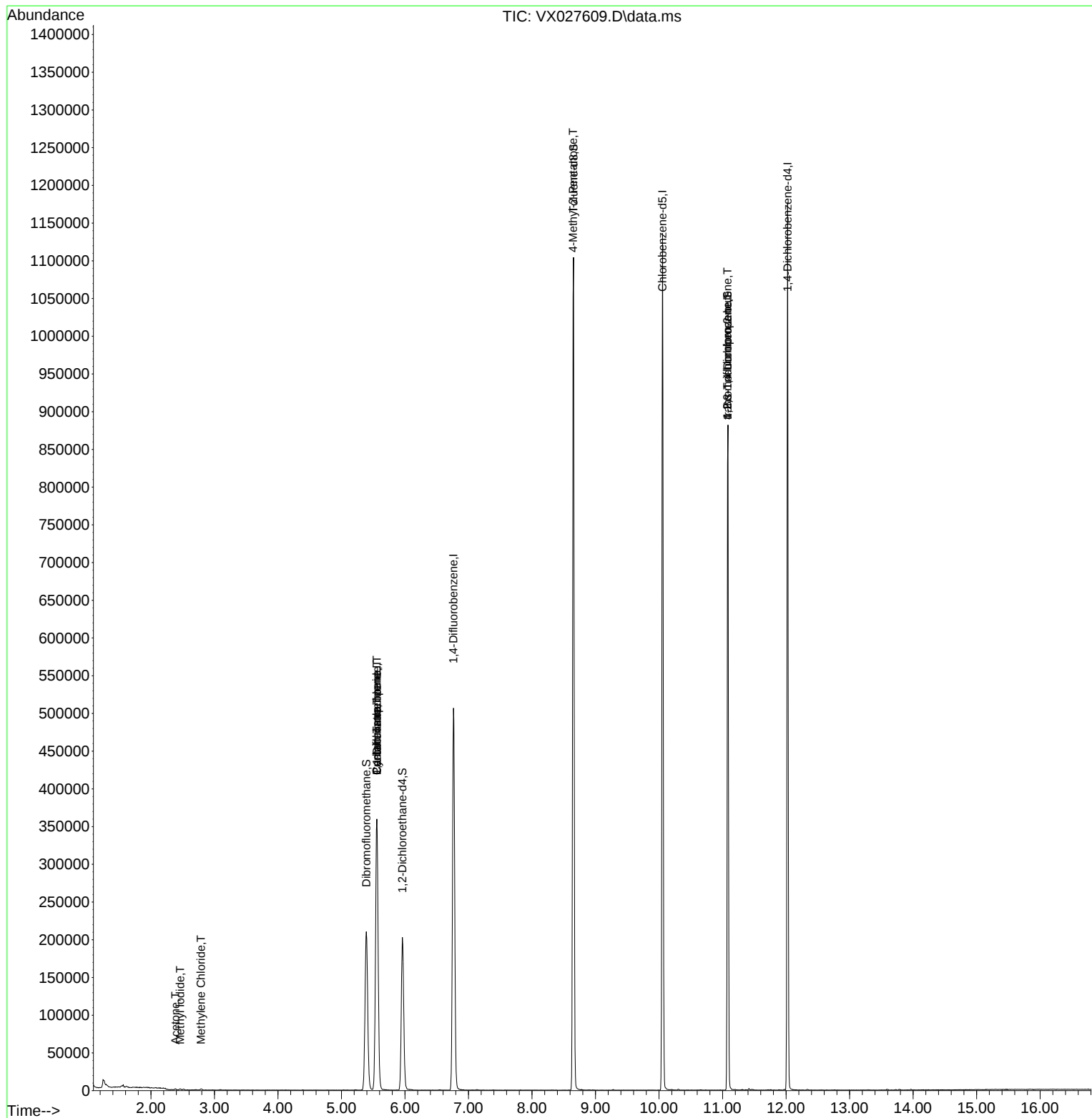
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.611	94	1096	Below Cal		83
10) Methyl Iodide	2.459	142	1690	0.360	ug/l #	91
16) Acetone	2.385	43	1190	0.646	ug/l	95
20) Methylene Chloride	2.788	84	834	0.211	ug/l #	77
31) Cyclohexane	5.556	56	5807	1.035	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	23142	4.552	ug/l #	50
38) Carbon Tetrachloride	5.556	117	35558	6.114	ug/l #	16
51) 4-Methyl-2-Pentanone	8.646	43	2205	0.424	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	113535	22.029	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	113535	66.903	ug/l #	15

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

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Quant Time: Mar 23 01:45:11 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

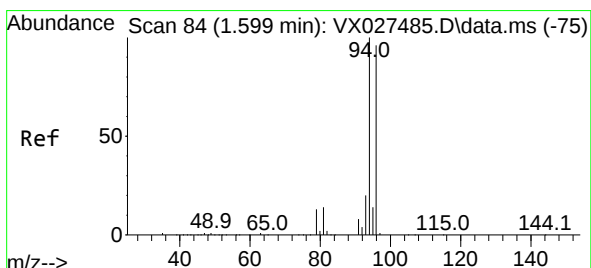
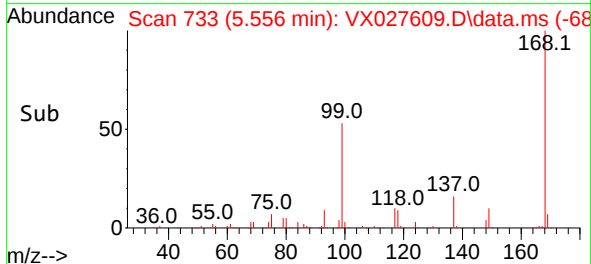
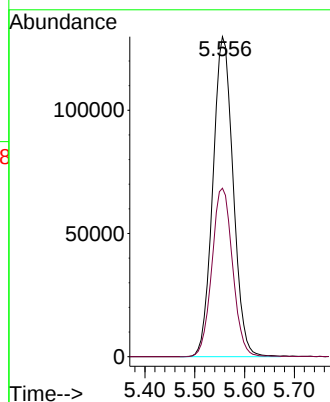
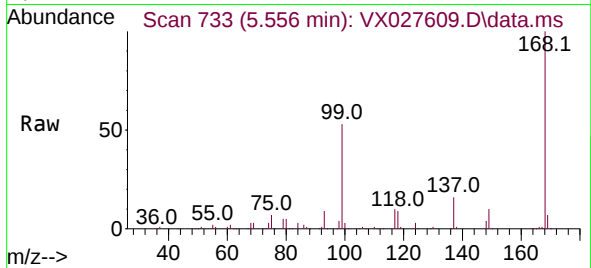




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027609.D
Acq: 22 Mar 2022 11:47

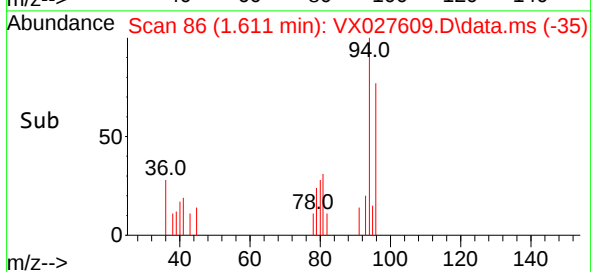
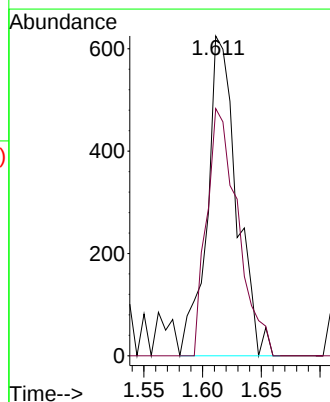
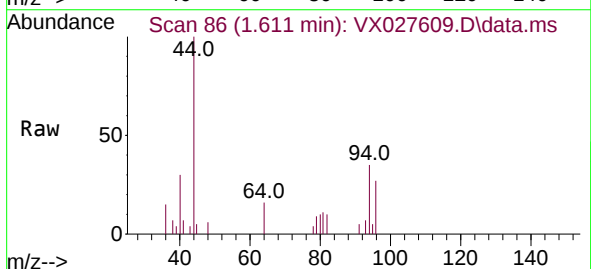
Instrument :
MSVOA_X
ClientSampleId :
VX0322WBL01

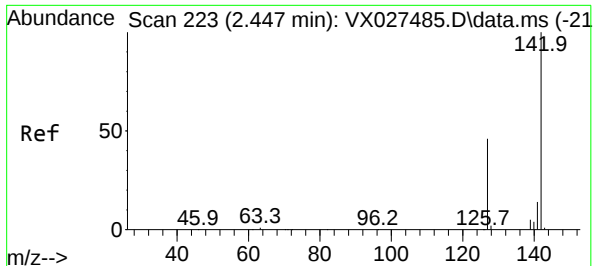
Tgt Ion:168 Resp: 366673
Ion Ratio Lower Upper
168 100
99 52.6 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX027609.D
Acq: 22 Mar 2022 11:47

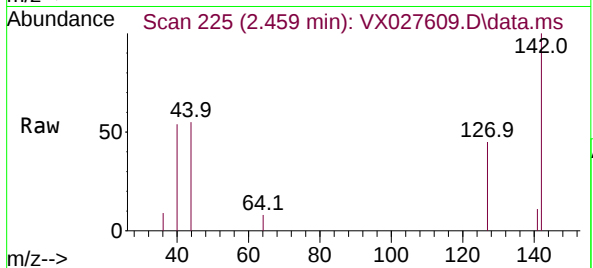
Tgt Ion: 94 Resp: 1096
Ion Ratio Lower Upper
94 100
96 77.3 75.3 112.9



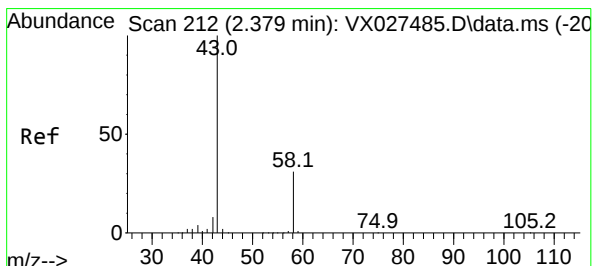
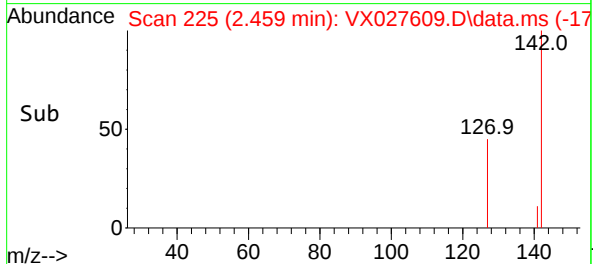
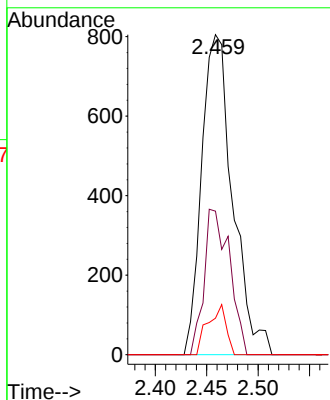


#10
Methyl Iodide
Concen: 0.360 ug/l
RT: 2.459 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX027609.D
Acq: 22 Mar 2022 11:47

Instrument :
MSVOA_X
ClientSampleId :
VX0322WBL01

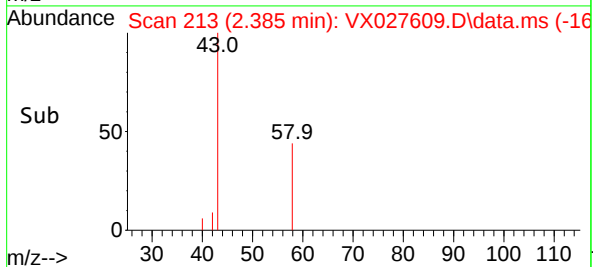
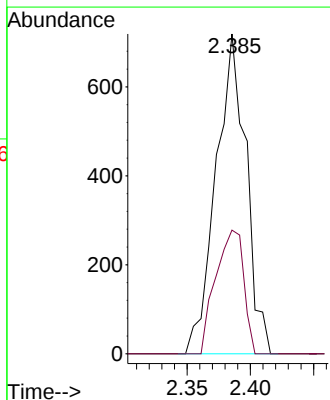
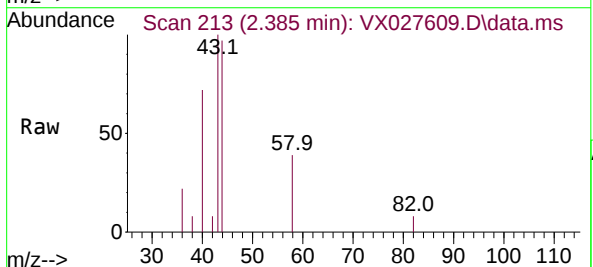


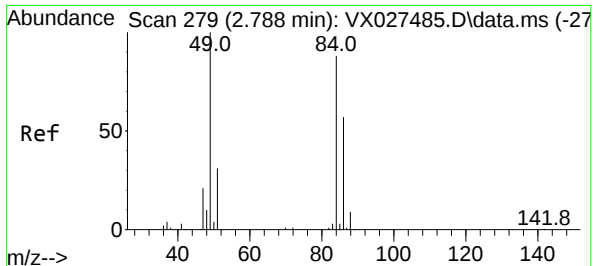
Tgt Ion:142 Resp: 1690
Ion Ratio Lower Upper
142 100
127 37.2 33.9 50.9
141 9.2 11.4 17.2#



#16
Acetone
Concen: 0.646 ug/l
RT: 2.385 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX027609.D
Acq: 22 Mar 2022 11:47

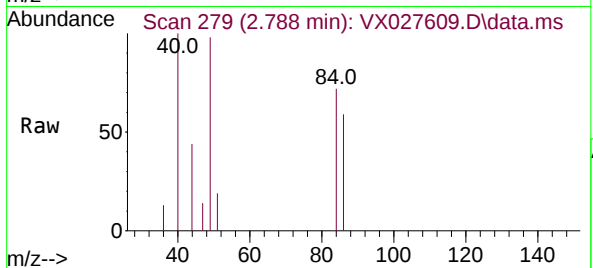
Tgt Ion: 43 Resp: 1190
Ion Ratio Lower Upper
43 100
58 38.7 28.8 43.2



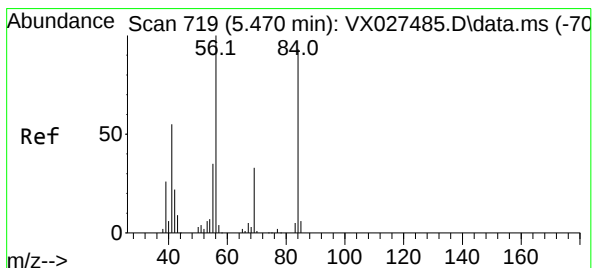
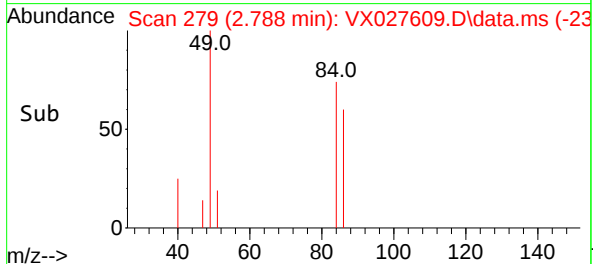
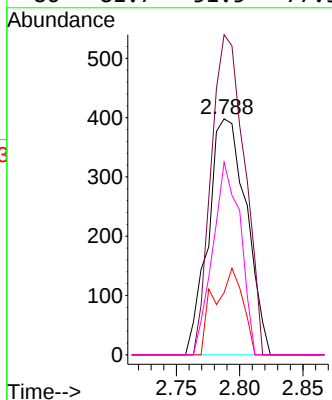


#20
Methylene Chloride
Concen: 0.211 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX027609.D
Acq: 22 Mar 2022 11:47

Instrument :
MSVOA_X
ClientSampleId :
VX0322WBL01

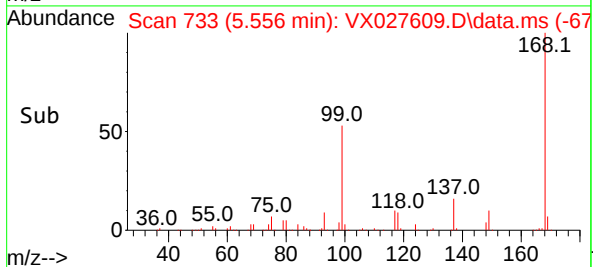
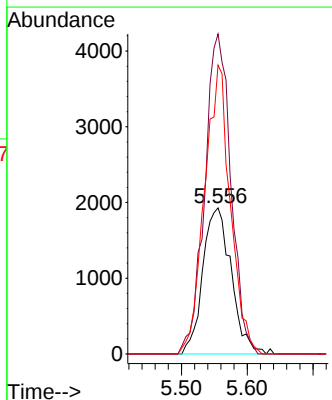
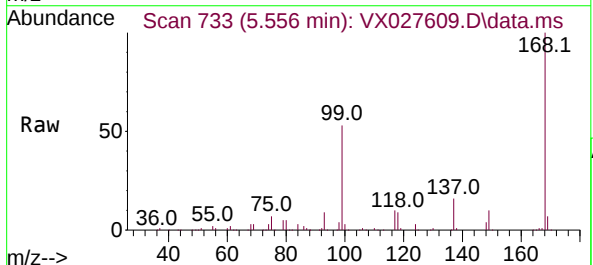


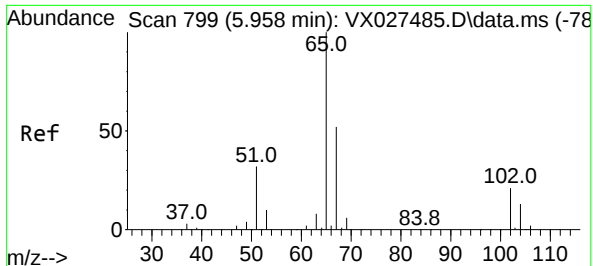
Tgt Ion:	84	Resp:	834
Ion	Ratio	Lower	Upper
84	100		
49	135.7	85.5	128.3#
51	26.4	26.6	39.8#
86	81.7	51.5	77.3#



#31
Cyclohexane
Concen: 1.035 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX027609.D
Acq: 22 Mar 2022 11:47

Tgt Ion:	56	Resp:	5807
Ion	Ratio	Lower	Upper
56	100		
69	219.1	26.7	40.1#
84	197.8	77.2	115.8#





#33

1,2-Dichloroethane-d4

Concen: 43.134 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX027609.D

Acq: 22 Mar 2022 11:47

Instrument :

MSVOA_X

ClientSampleId :

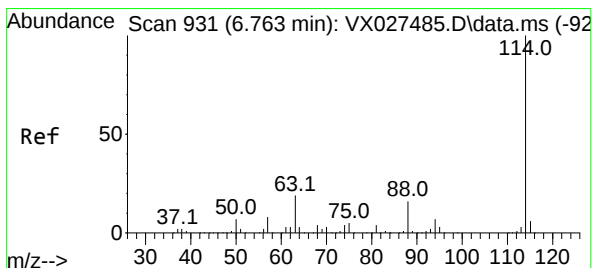
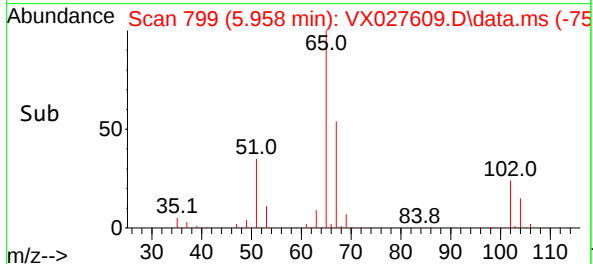
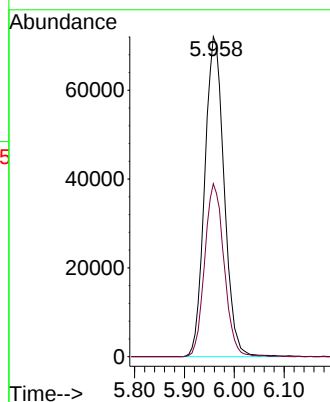
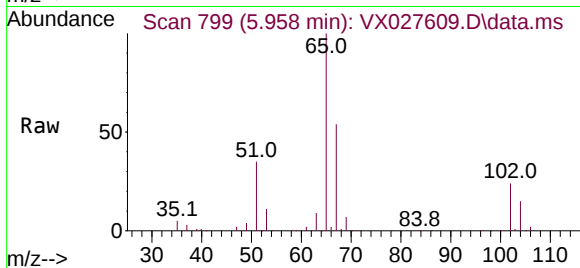
VX0322WBL01

Tgt Ion: 65 Resp: 194840

Ion Ratio Lower Upper

65 100

67 53.9 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX027609.D

Acq: 22 Mar 2022 11:47

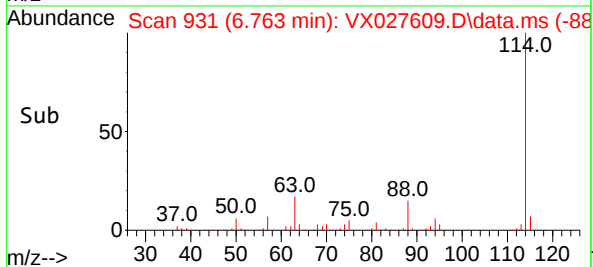
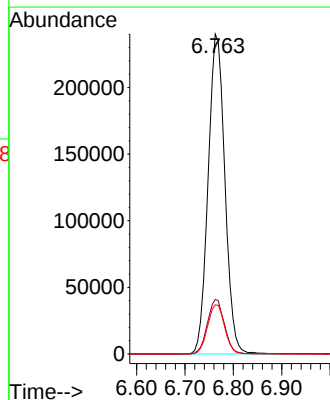
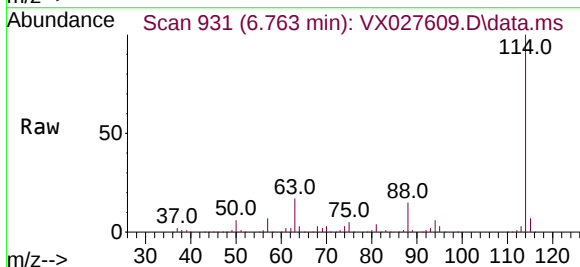
Tgt Ion: 114 Resp: 578178

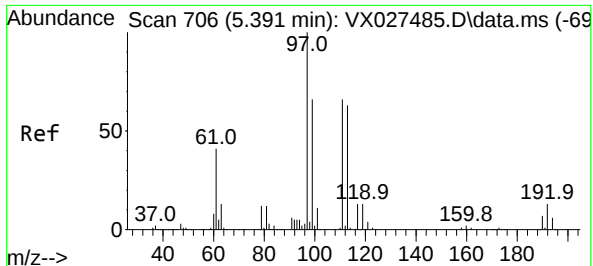
Ion Ratio Lower Upper

114 100

63 17.1 0.0 36.8

88 15.4 0.0 32.4





#35

Dibromofluoromethane

Concen: 51.572 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX027609.D

Acq: 22 Mar 2022 11:47

Instrument :

MSVOA_X

ClientSampleId :

VX0322WBL01

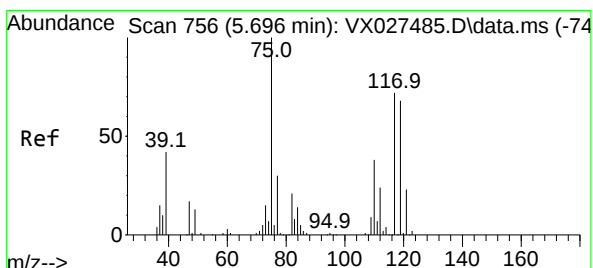
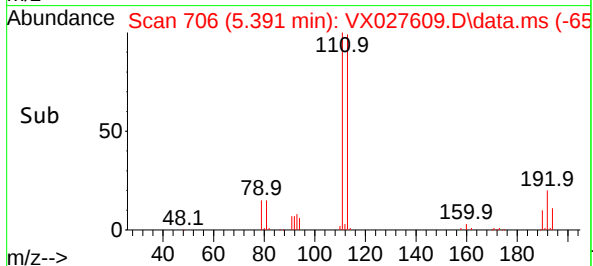
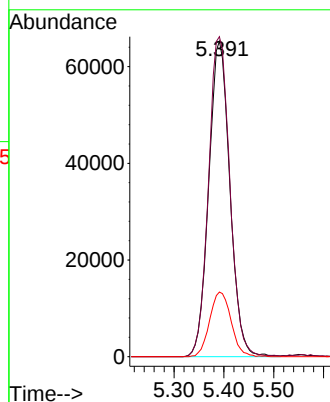
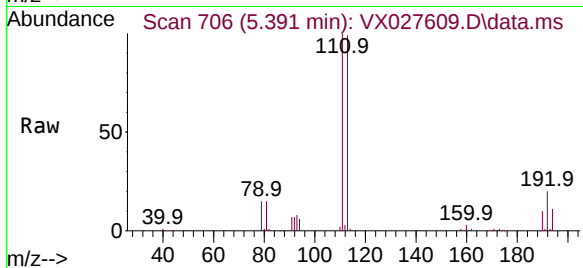
Tgt Ion:113 Resp: 191843

Ion Ratio Lower Upper

113 100

111 102.8 82.8 124.2

192 20.8 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.552 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX027609.D

Acq: 22 Mar 2022 11:47

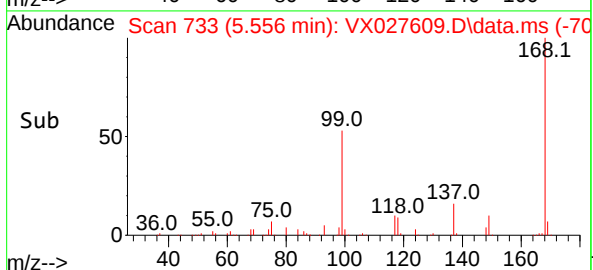
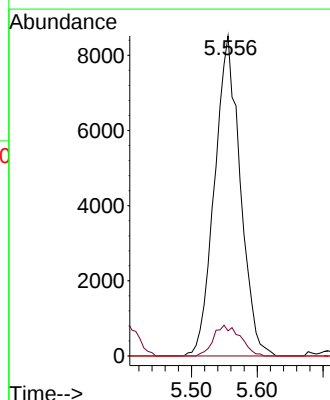
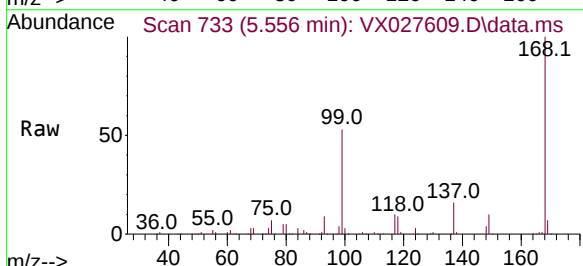
Tgt Ion: 75 Resp: 23142

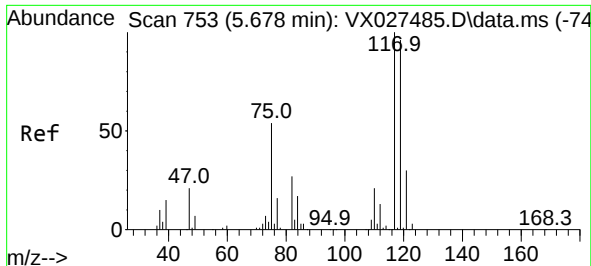
Ion Ratio Lower Upper

75 100

110 10.0 18.3 54.8#

77 0.0 24.8 37.2#

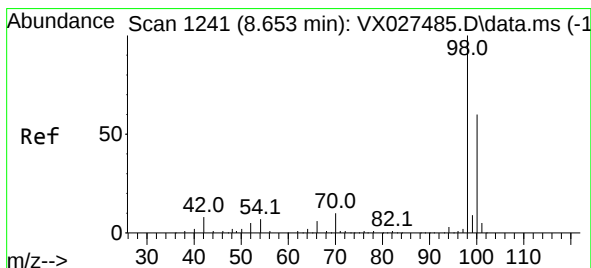
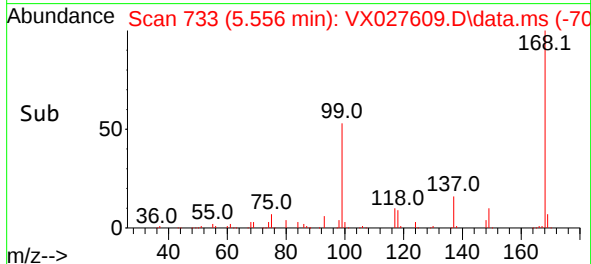
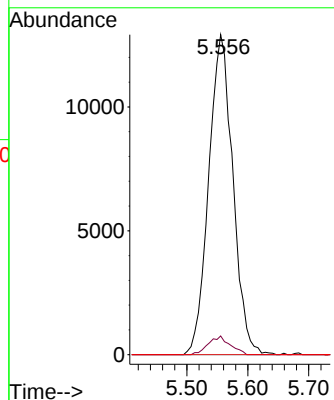
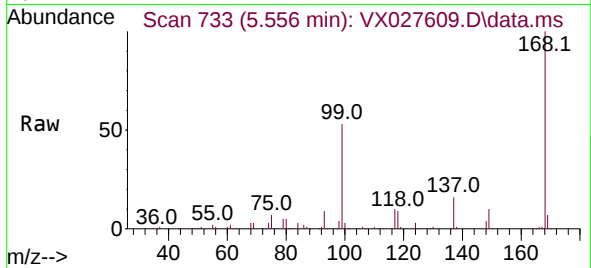




#38
Carbon Tetrachloride
Concen: 6.114 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX027609.D
Acq: 22 Mar 2022 11:47

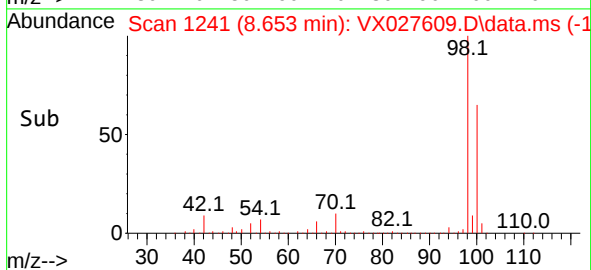
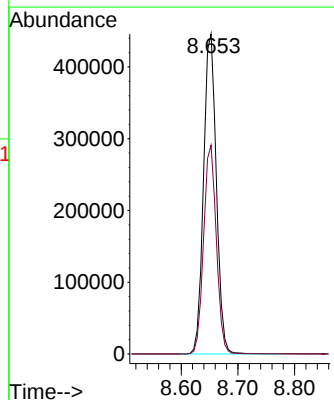
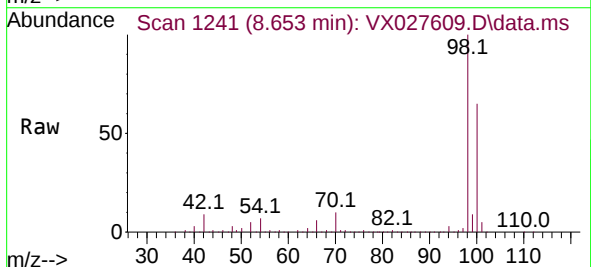
Instrument :
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VX0322WBL01

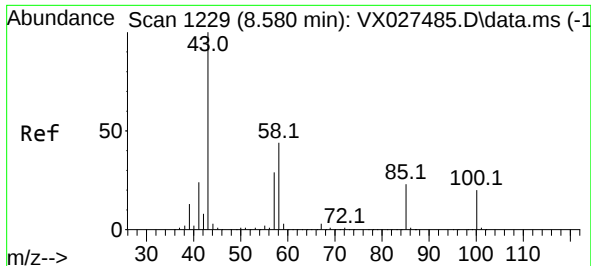
Tgt Ion:117 Resp: 35558
Ion Ratio Lower Upper
117 100
119 5.9 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.569 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027609.D
Acq: 22 Mar 2022 11:47

Tgt Ion: 98 Resp: 697758
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8

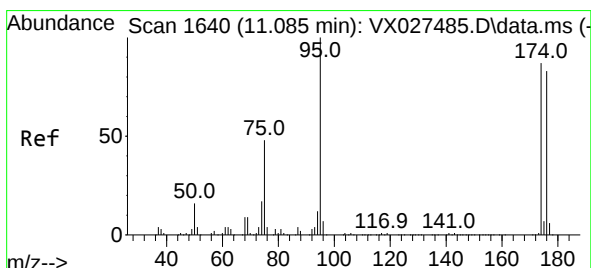
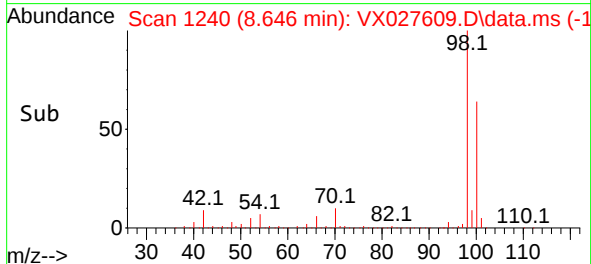
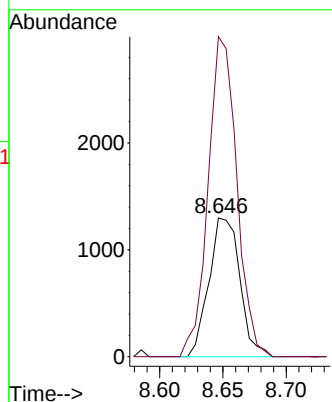
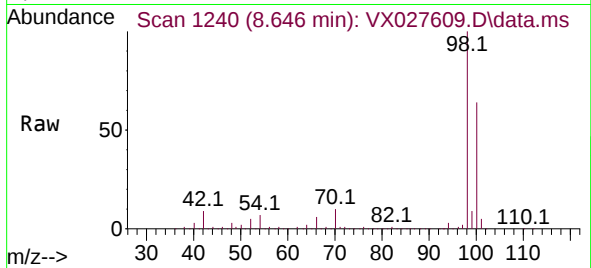




#51
4-Methyl-2-Pentanone
Concen: 0.424 ug/l
RT: 8.646 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX027609.D
Acq: 22 Mar 2022 11:47

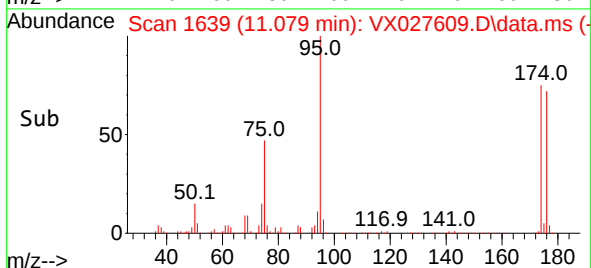
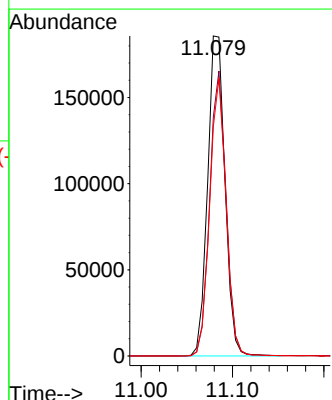
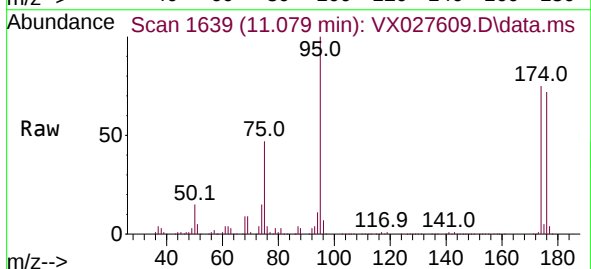
Instrument :
MSVOA_X
ClientSampleId :
VX0322WBL01

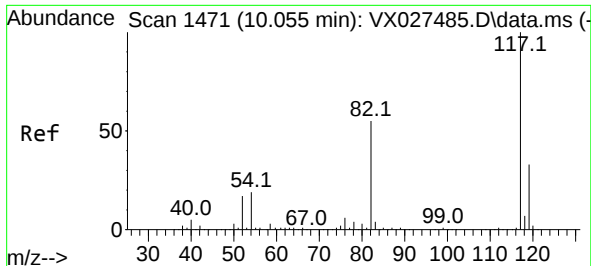
Tgt Ion: 43 Resp: 2205
Ion Ratio Lower Upper
43 100
58 214.4 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 47.326 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027609.D
Acq: 22 Mar 2022 11:47

Tgt Ion: 95 Resp: 244858
Ion Ratio Lower Upper
95 100
174 84.3 0.0 163.0
176 81.8 0.0 155.0

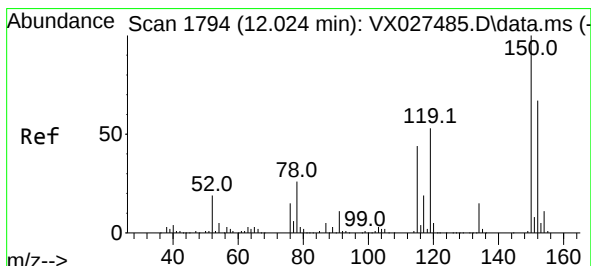
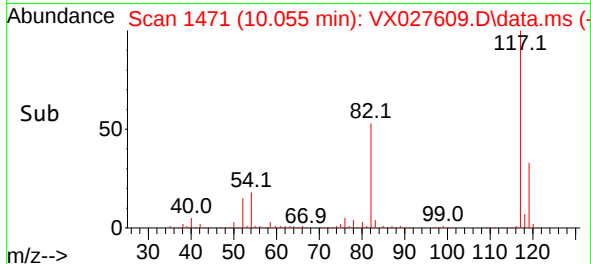
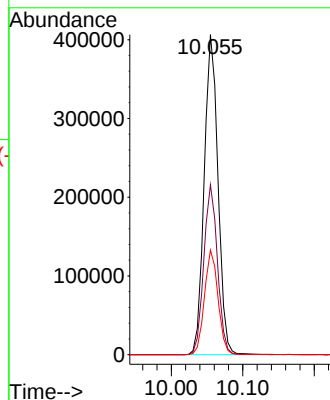
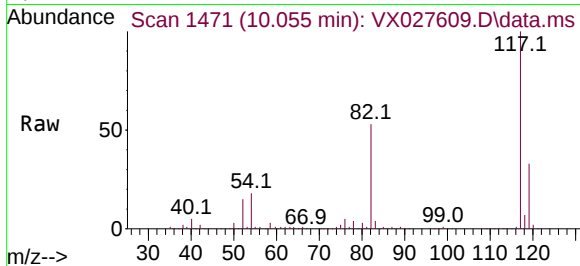




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027609.D
Acq: 22 Mar 2022 11:47

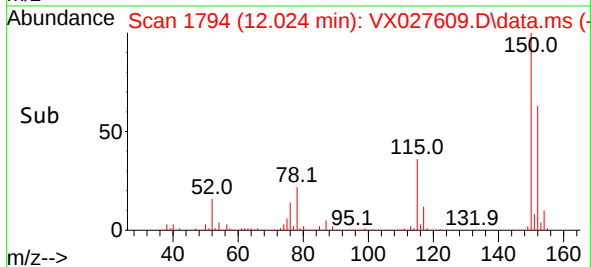
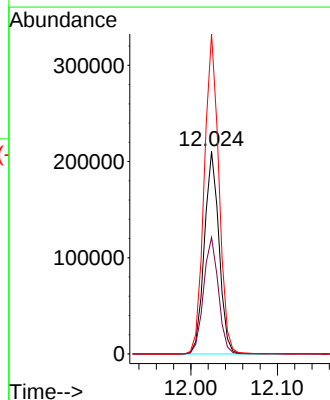
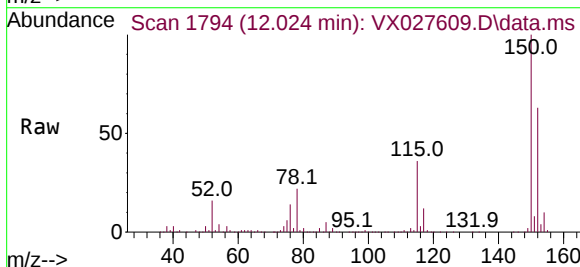
Instrument :
MSVOA_X
ClientSampleId :
VX0322WBL01

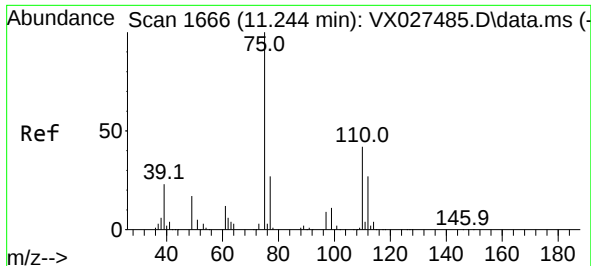
Tgt Ion:117 Resp: 544935
Ion Ratio Lower Upper
117 100
82 53.1 41.8 62.8
119 32.7 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX027609.D
Acq: 22 Mar 2022 11:47

Tgt Ion:152 Resp: 246400
Ion Ratio Lower Upper
152 100
115 58.5 37.5 112.7
150 158.2 0.0 338.2

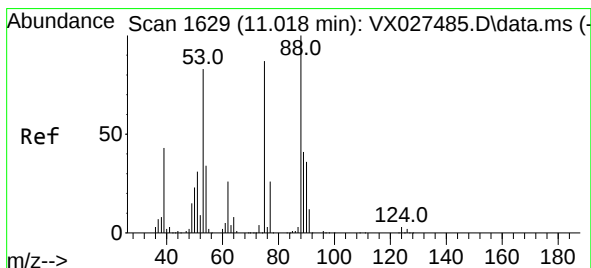
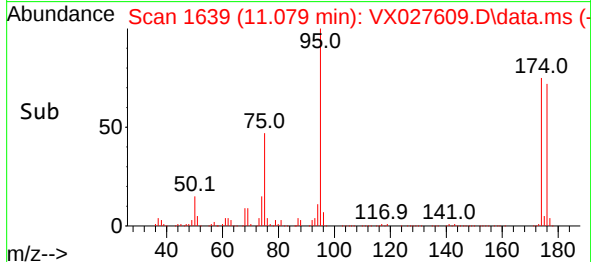
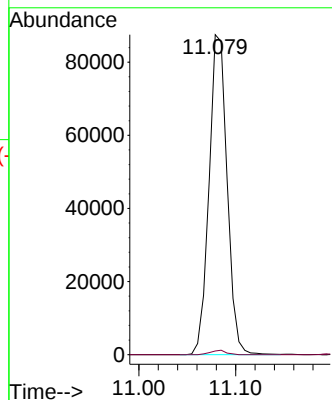
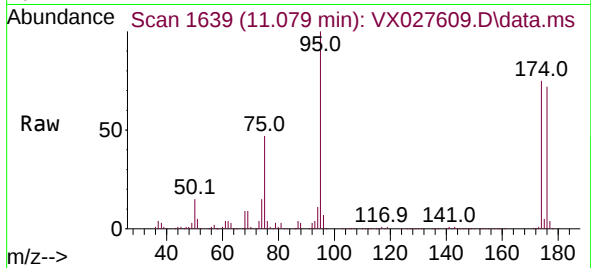




#76
1,2,3-Trichloropropane
Concen: 22.029 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027609.D
Acq: 22 Mar 2022 11:47

Instrument :
MSVOA_X
ClientSampleId :
VX0322WBL01

Tgt Ion: 75 Resp: 113535
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.903 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027609.D
Acq: 22 Mar 2022 11:47

Tgt Ion: 75 Resp: 113535
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

