

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032322\
 Data File : VX027664.D
 Acq On : 23 Mar 2022 13:53
 Operator : JC/MD
 Sample : N2028-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 24 04:35:27 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)

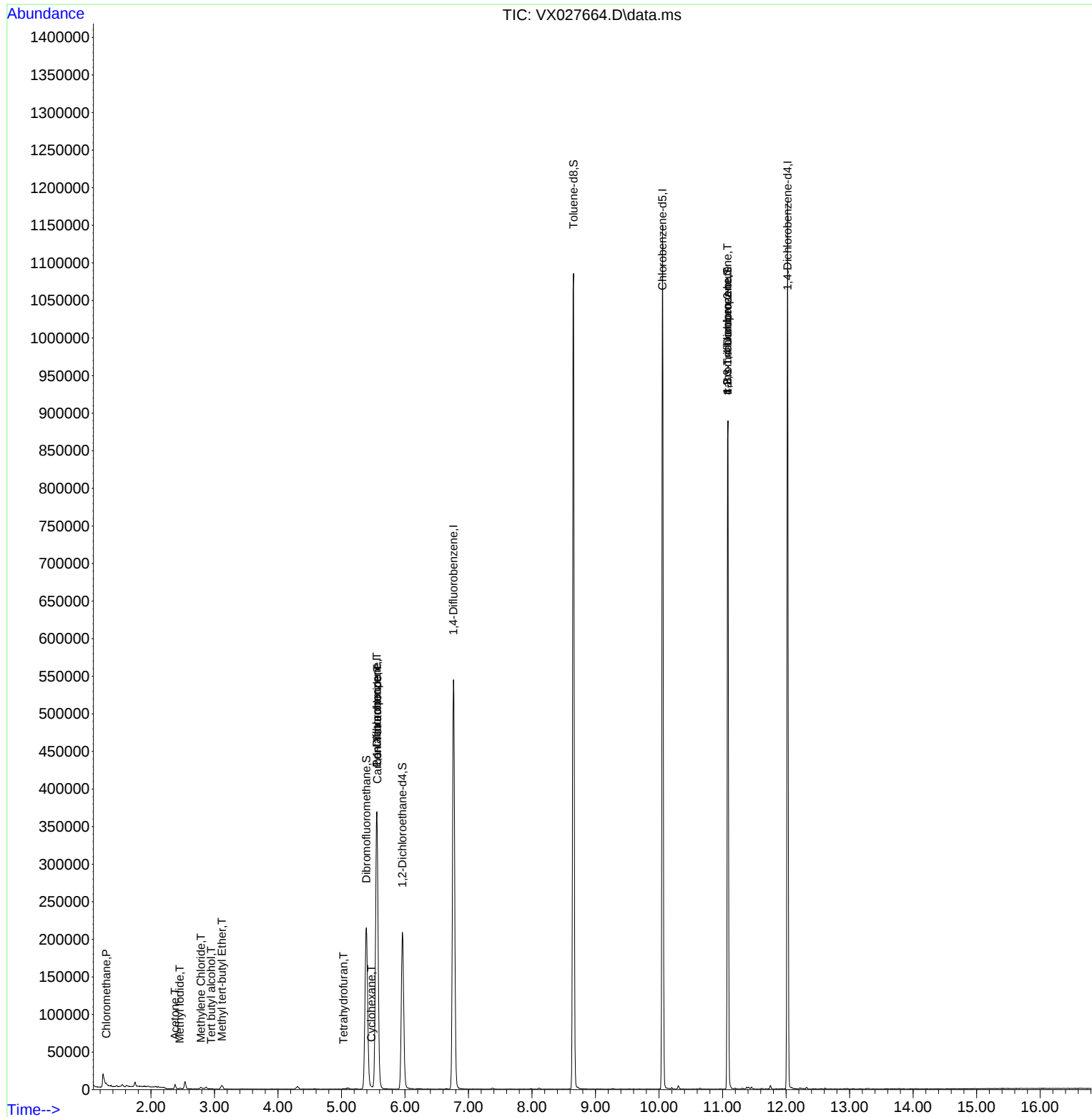
Internal Standards						
1) Pentafluorobenzene	5.556	168	381412	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	608505	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	538578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	244739	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	203299	43.268	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	86.540%
35) Dibromofluoromethane	5.391	113	196021	50.069	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.140%
50) Toluene-d8	8.653	98	687798	46.426	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	92.860%
62) 4-Bromofluorobenzene	11.079	95	249627	45.843	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.680%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	779	0.240	ug/l	91
5) Bromomethane	1.618	94	802	Below Cal		99
10) Methyl Iodide	2.453	142	1514	0.310	ug/l #	90
11) Tert butyl alcohol	2.947	59	468	0.523	ug/l #	72
16) Acetone	2.380	43	5507	2.875	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	5038	0.422	ug/l	98
20) Methylene Chloride	2.788	84	917	0.223	ug/l	88
29) Tetrahydrofuran	5.032	42	663	0.359	ug/l #	47
31) Cyclohexane	5.471	56	1842	0.316	ug/l #	73
36) 1,1-Dichloropropene	5.556	75	24870	4.649	ug/l #	50
38) Carbon Tetrachloride	5.562	117	36174	5.910	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	119288	23.302	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	119288	70.770	ug/l #	15

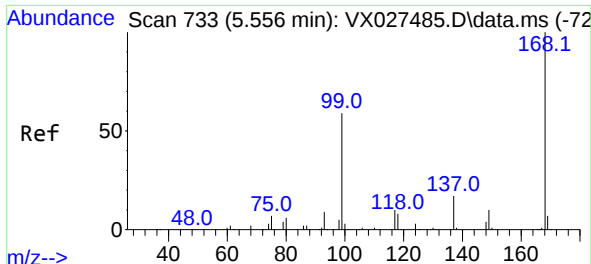
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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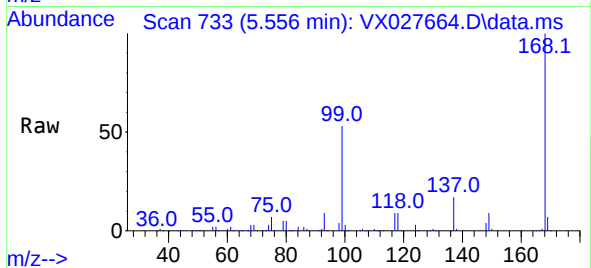
Quant Time: Mar 24 04:35:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 17 15:02:59 2022
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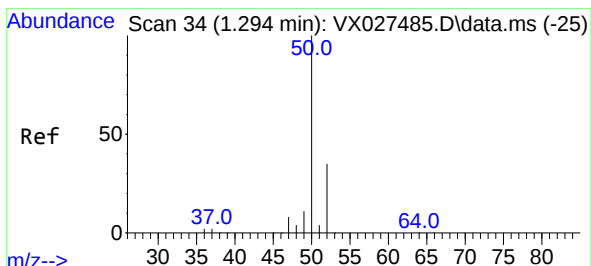
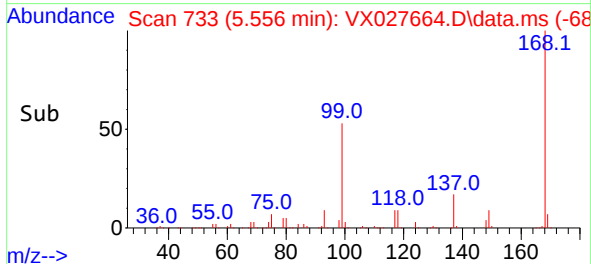
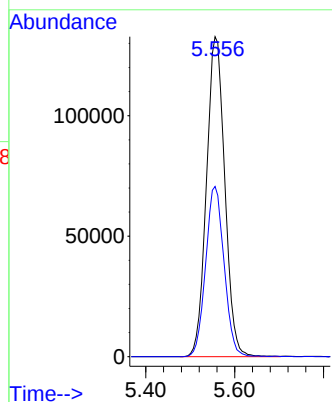


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027664.D
Acq: 23 Mar 2022 13:53

Instrument :
MSVOA_X
ClientSampleId :

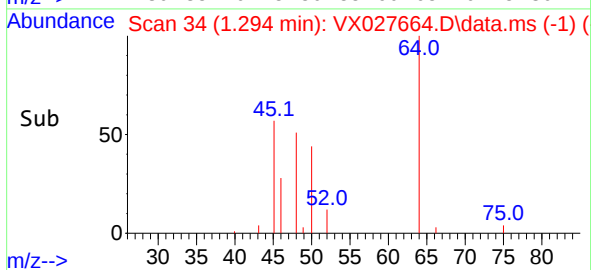
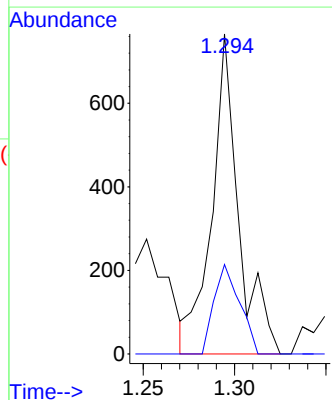
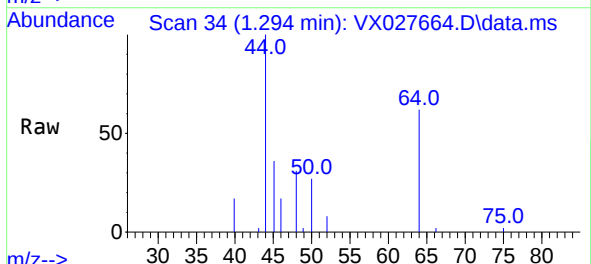


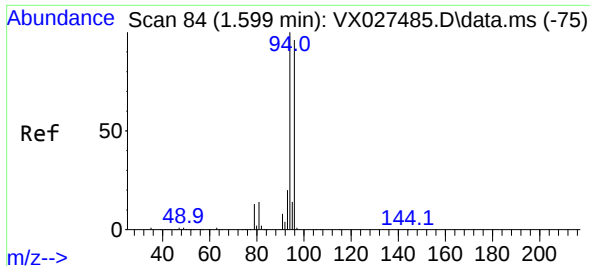
Tgt Ion:168 Resp: 381412
Ion Ratio Lower Upper
168 100
99 53.2 41.7 62.5



#3
Chloromethane
Concen: 0.240 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX027664.D
Acq: 23 Mar 2022 13:53

Tgt Ion: 50 Resp: 779
Ion Ratio Lower Upper
50 100
52 27.9 26.4 39.6

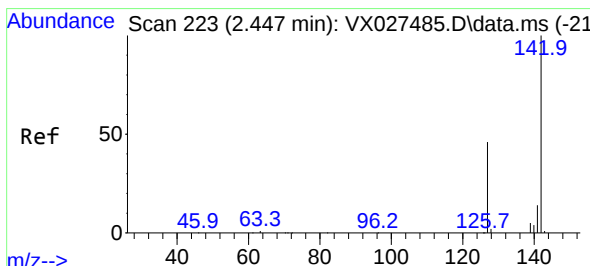
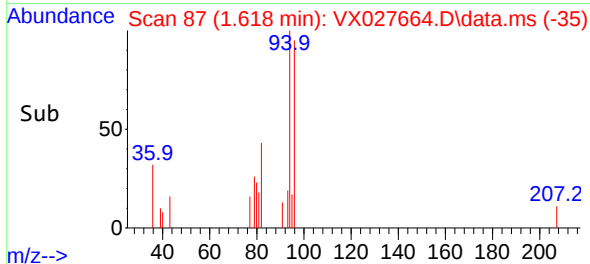
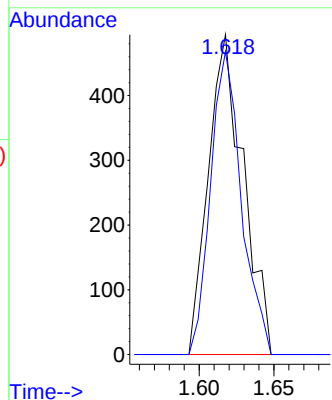
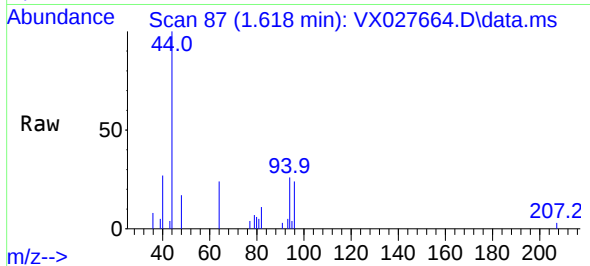




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX027664.D
Acq: 23 Mar 2022 13:53

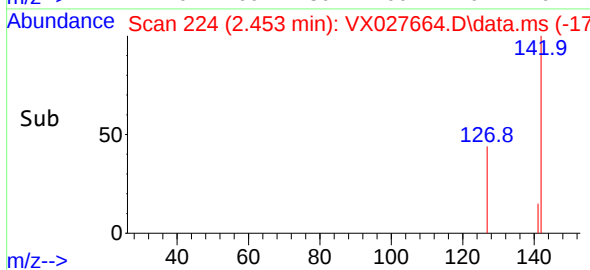
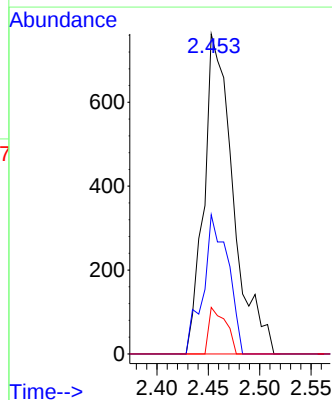
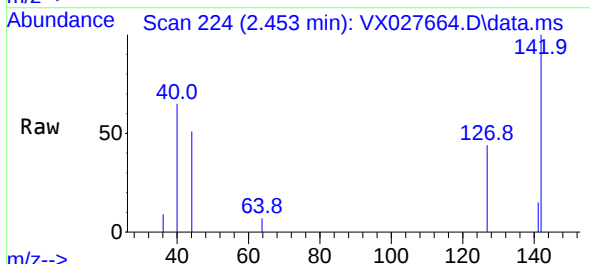
Instrument :
MSVOA_X
ClientSampleId :

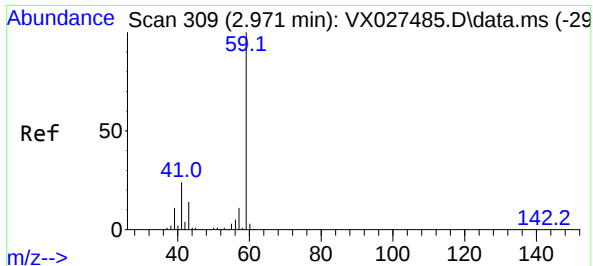
Tgt Ion: 94 Resp: 802
Ion Ratio Lower Upper
94 100
96 94.7 75.3 112.9



#10
Methyl Iodide
Concen: 0.310 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.006 min
Lab File: VX027664.D
Acq: 23 Mar 2022 13:53

Tgt Ion: 142 Resp: 1514
Ion Ratio Lower Upper
142 100
127 36.8 33.9 50.9
141 8.4 11.4 17.2#

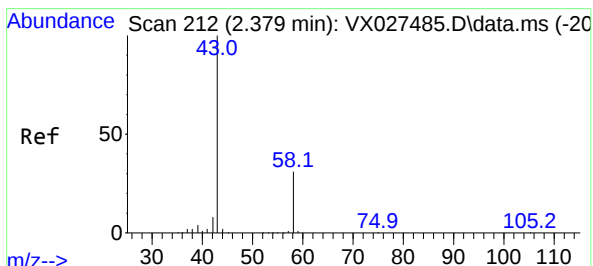
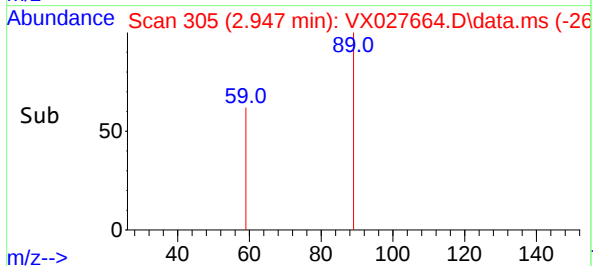
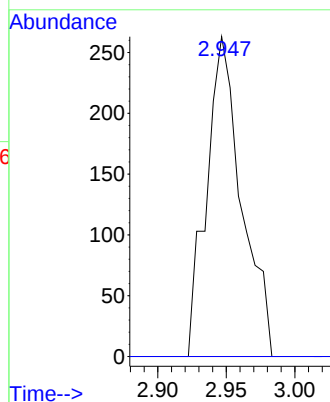
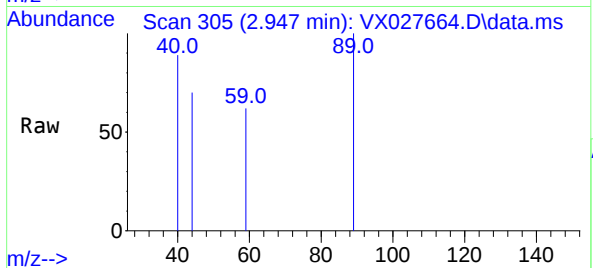




#11
Tert butyl alcohol
Concen: 0.523 ug/l
RT: 2.947 min Scan# 309
Delta R.T. -0.024 min
Lab File: VX027664.D
Acq: 23 Mar 2022 13:53

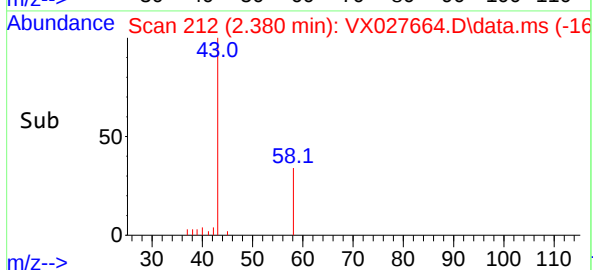
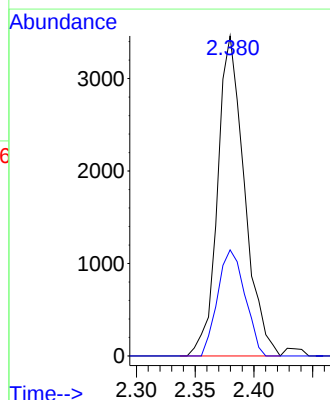
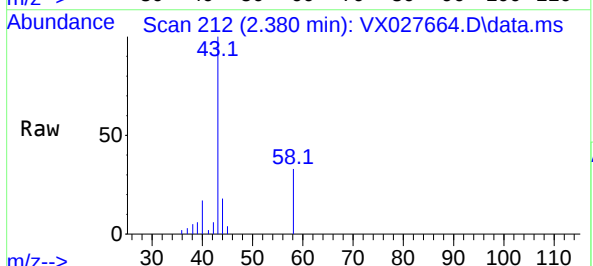
Instrument :
MSVOA_X
ClientSampleId :

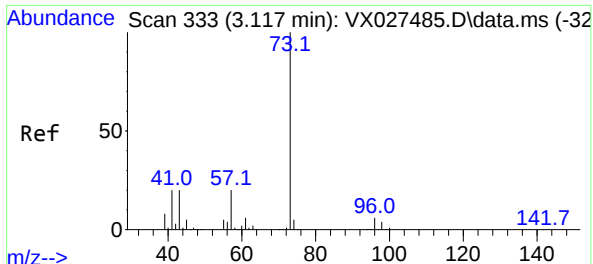
Tgt Ion: 59 Resp: 468
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 2.875 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX027664.D
Acq: 23 Mar 2022 13:53

Tgt Ion: 43 Resp: 5507
Ion Ratio Lower Upper
43 100
58 33.1 28.8 43.2





#19

Methyl tert-butyl Ether

Concen: 0.422 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX027664.D

Acq: 23 Mar 2022 13:53

Instrument :

MSVOA_X

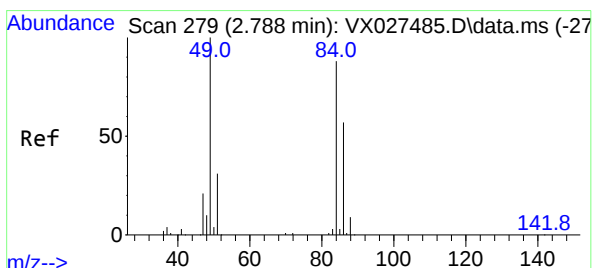
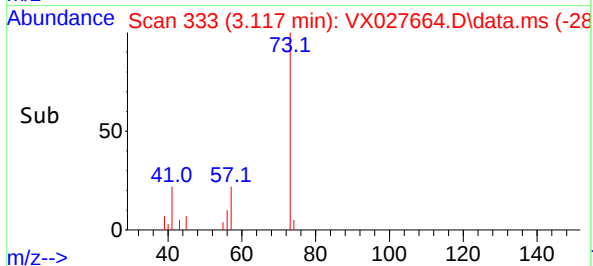
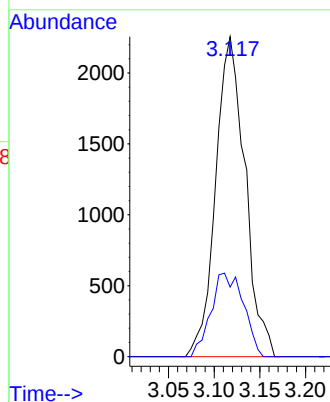
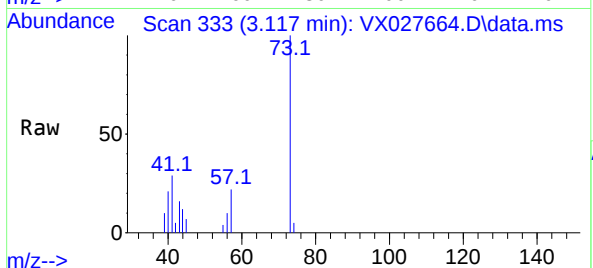
ClientSampleId :

Tgt Ion: 73 Resp: 5038

Ion Ratio Lower Upper

73 100

57 21.8 16.8 25.2



#20

Methylene Chloride

Concen: 0.223 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX027664.D

Acq: 23 Mar 2022 13:53

Tgt Ion: 84 Resp: 917

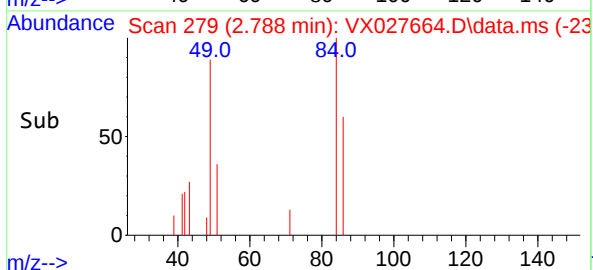
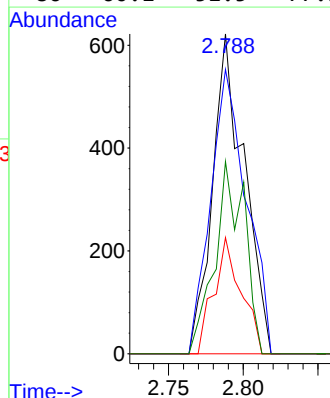
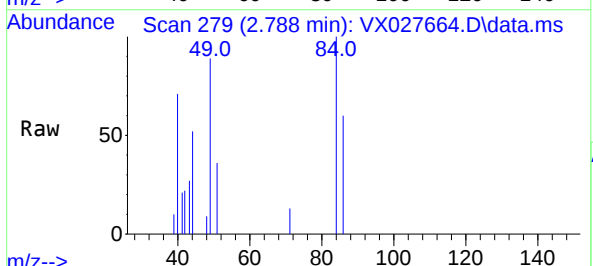
Ion Ratio Lower Upper

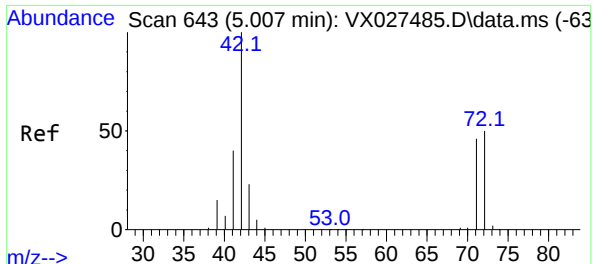
84 100

49 88.9 85.5 128.3

51 36.3 26.6 39.8

86 60.1 51.5 77.3





#29

Tetrahydrofuran

Concen: 0.359 ug/l

RT: 5.032 min Scan# 643

Delta R.T. 0.025 min

Lab File: VX027664.D

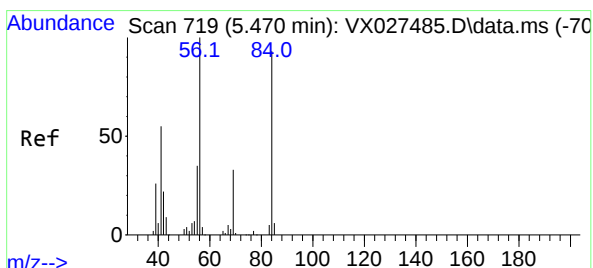
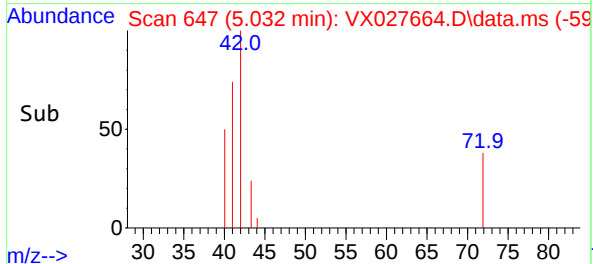
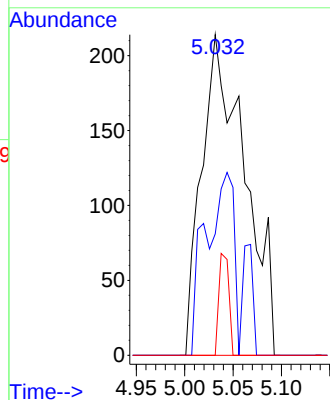
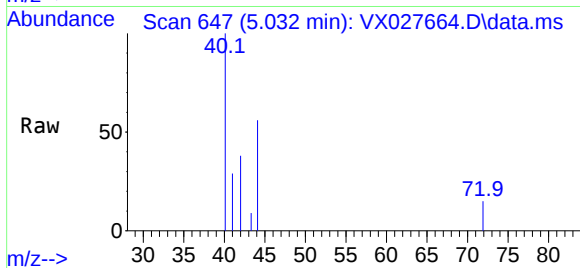
Acq: 23 Mar 2022 13:53

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	42	Resp:	663
Ion	Ratio	Lower	Upper
42	100		
72	23.5	44.1	66.1#
71	7.2	40.5	60.7#



#31

Cyclohexane

Concen: 0.316 ug/l

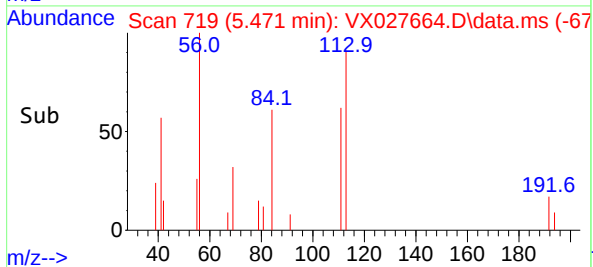
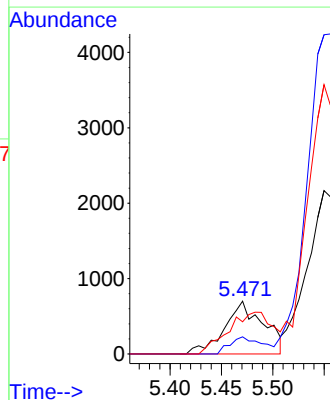
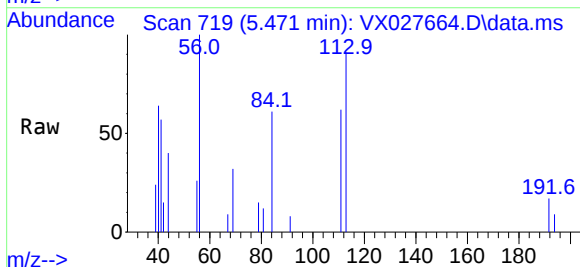
RT: 5.471 min Scan# 719

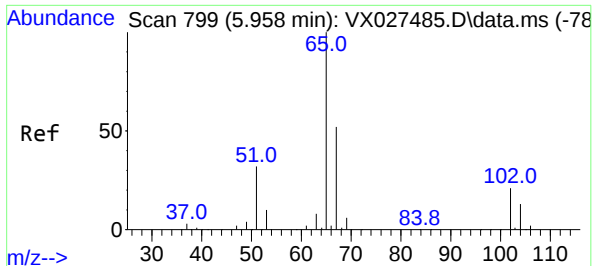
Delta R.T. 0.000 min

Lab File: VX027664.D

Acq: 23 Mar 2022 13:53

Tgt Ion:	56	Resp:	1842
Ion	Ratio	Lower	Upper
56	100		
69	32.4	26.7	40.1
84	60.9	77.2	115.8#

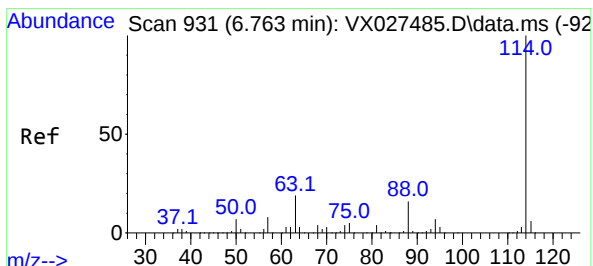
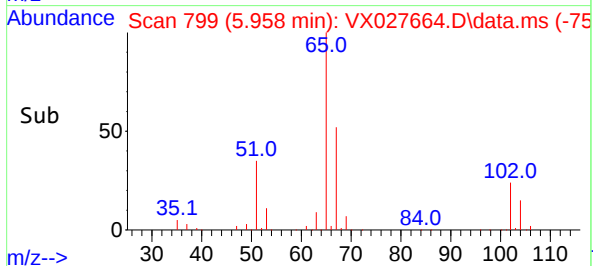
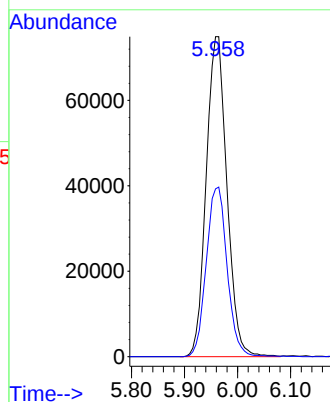
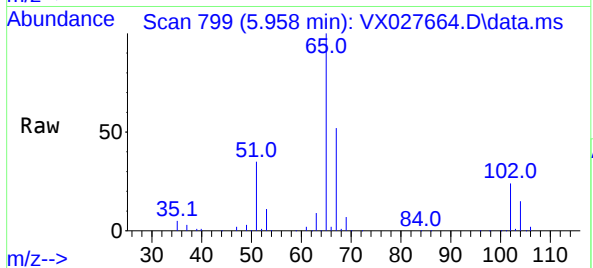




#33
 1,2-Dichloroethane-d4
 Concen: 43.268 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX027664.D
 Acq: 23 Mar 2022 13:53

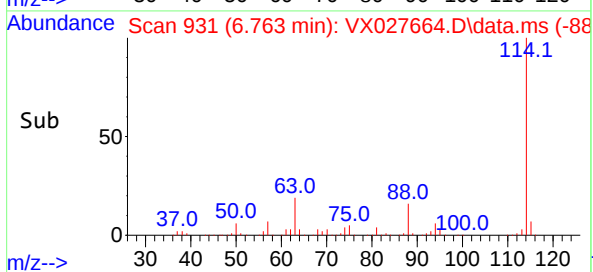
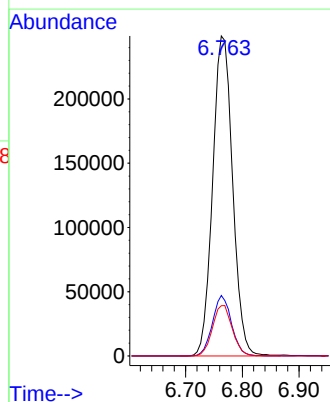
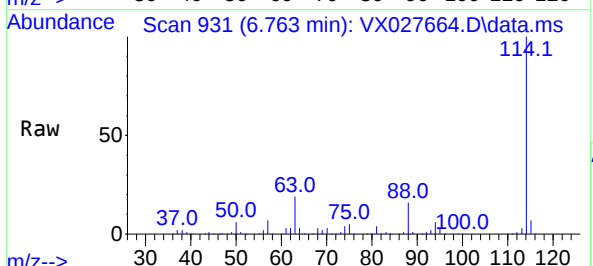
Instrument :
 MSVOA_X
 ClientSampleId :

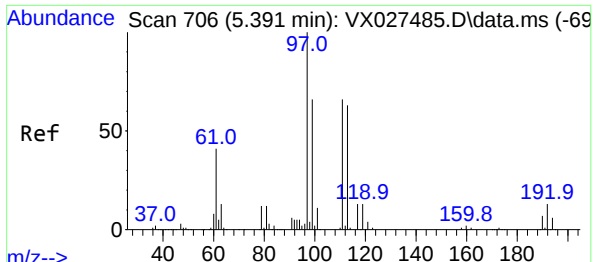
Tgt Ion: 65 Resp: 203299
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX027664.D
 Acq: 23 Mar 2022 13:53

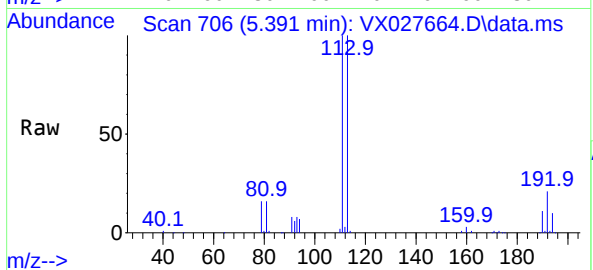
Tgt Ion: 114 Resp: 608505
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 36.8
 88 15.7 0.0 32.4



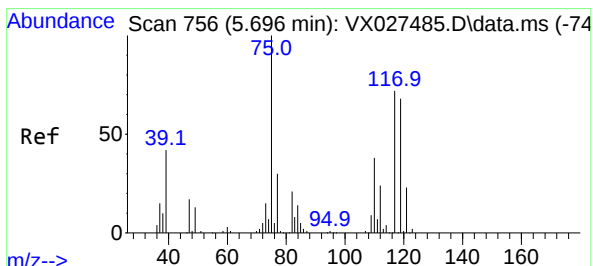
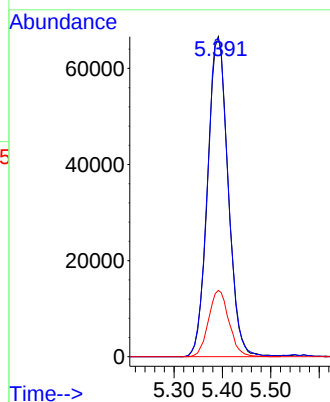
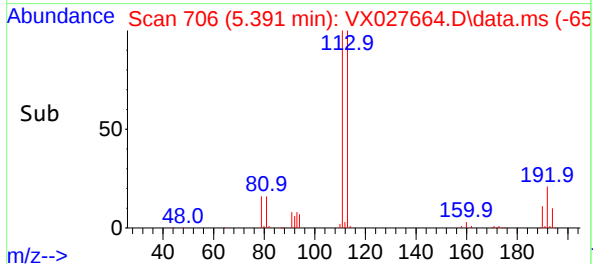


#35
Dibromofluoromethane
Concen: 50.069 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027664.D
Acq: 23 Mar 2022 13:53

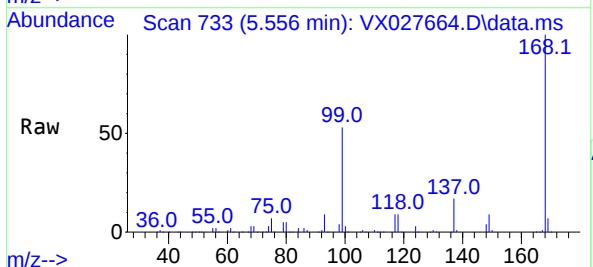
Instrument :
MSVOA_X
ClientSampleId :



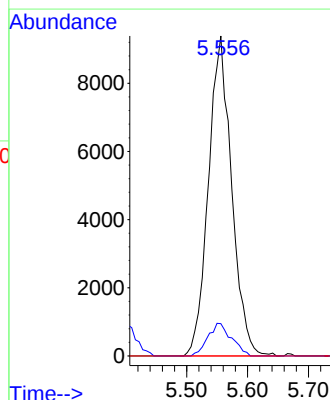
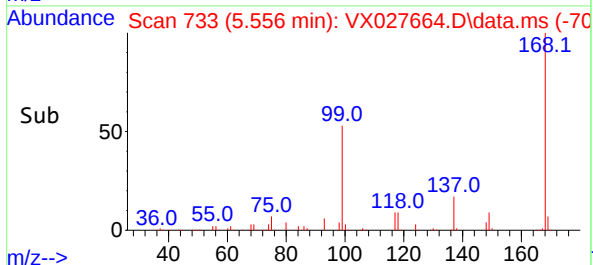
Tgt Ion:113 Resp: 196021
Ion Ratio Lower Upper
113 100
111 100.8 82.8 124.2
192 20.6 16.9 25.3

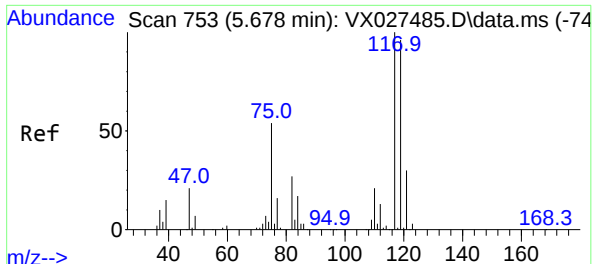


#36
1,1-Dichloropropene
Concen: 4.649 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX027664.D
Acq: 23 Mar 2022 13:53



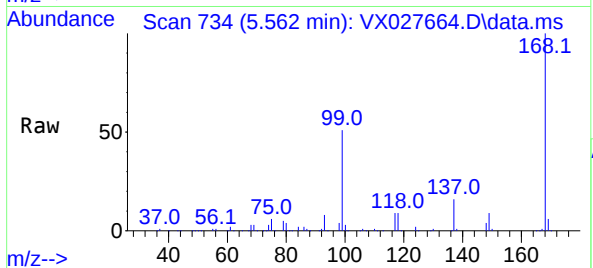
Tgt Ion: 75 Resp: 24870
Ion Ratio Lower Upper
75 100
110 10.3 18.3 54.8#
77 0.0 24.8 37.2#



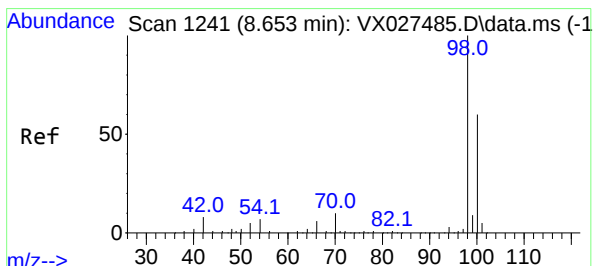
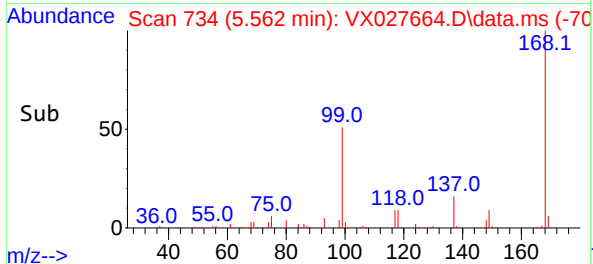
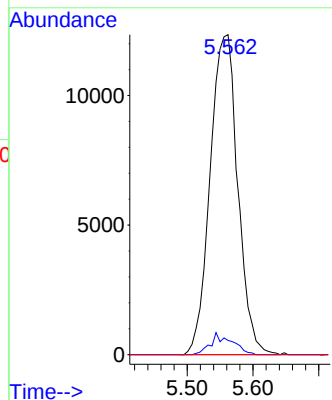


#38
Carbon Tetrachloride
Concen: 5.910 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX027664.D
Acq: 23 Mar 2022 13:53

Instrument :
MSVOA_X
ClientSampleId :

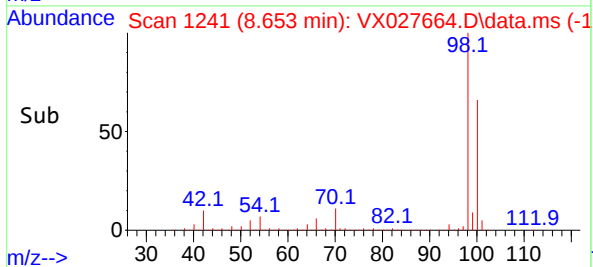
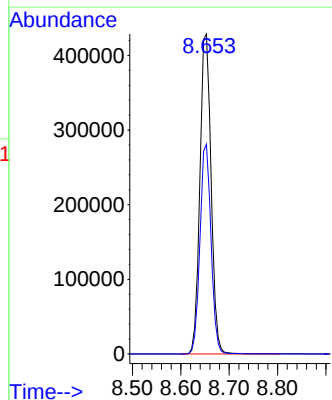
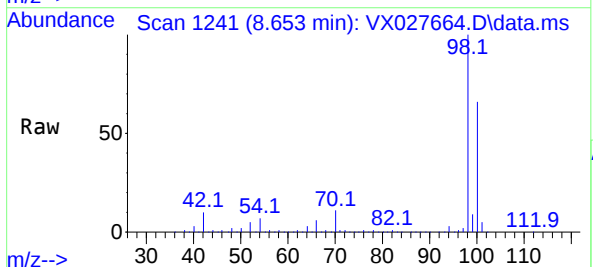


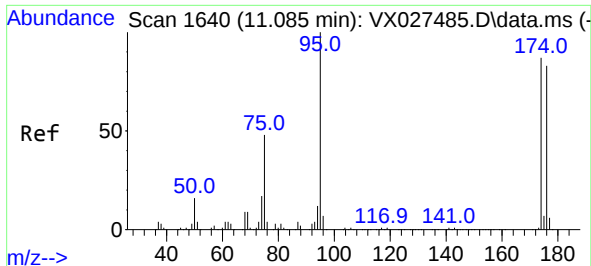
Tgt Ion:117 Resp: 36174
Ion Ratio Lower Upper
117 100
119 4.5 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 46.426 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027664.D
Acq: 23 Mar 2022 13:53

Tgt Ion: 98 Resp: 687798
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8





#62

4-Bromofluorobenzene

Concen: 45.843 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX027664.D

Acq: 23 Mar 2022 13:53

Instrument :

MSVOA_X

ClientSampleId :

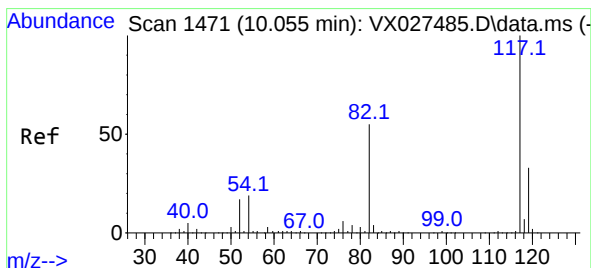
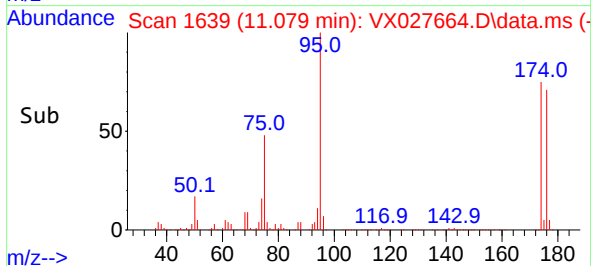
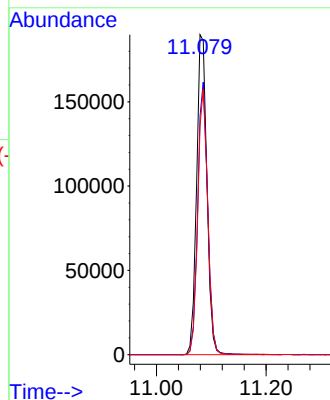
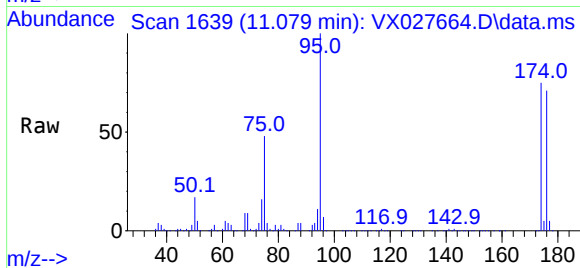
Tgt Ion: 95 Resp: 249627

Ion Ratio Lower Upper

95 100

174 82.5 0.0 163.0

176 80.1 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: VX027664.D

Acq: 23 Mar 2022 13:53

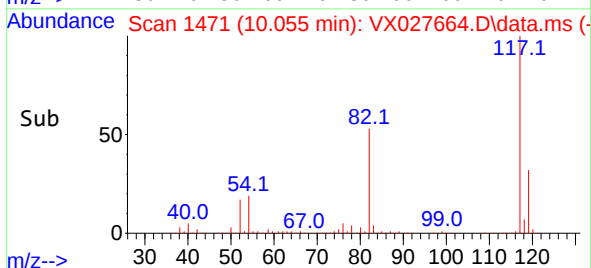
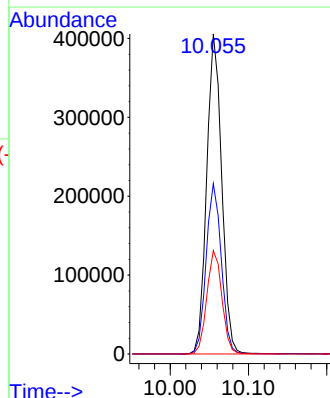
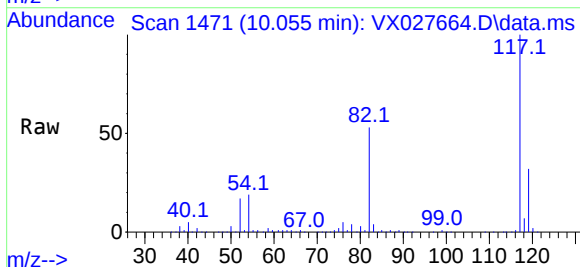
Tgt Ion: 117 Resp: 538578

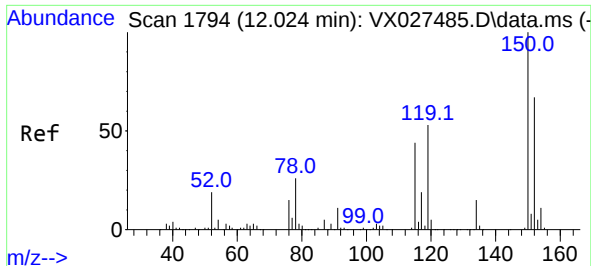
Ion Ratio Lower Upper

117 100

82 53.2 41.8 62.8

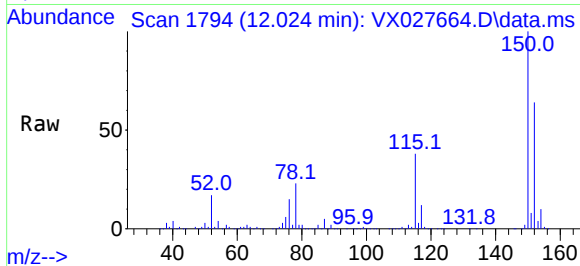
119 32.3 24.8 37.2



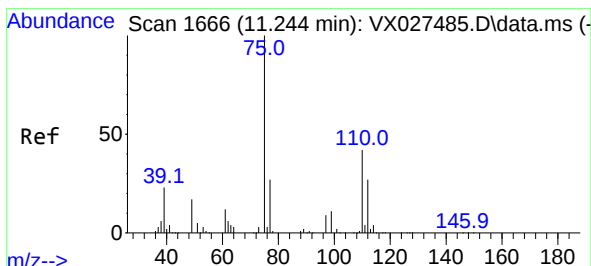
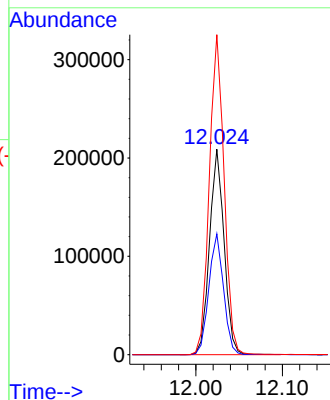
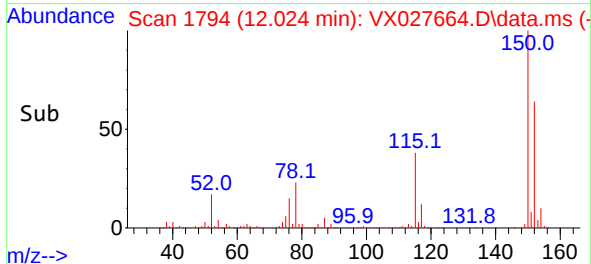


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027664.D
Acq: 23 Mar 2022 13:53

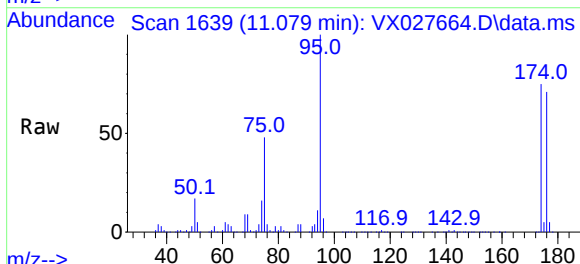
Instrument :
MSVOA_X
ClientSampleId :



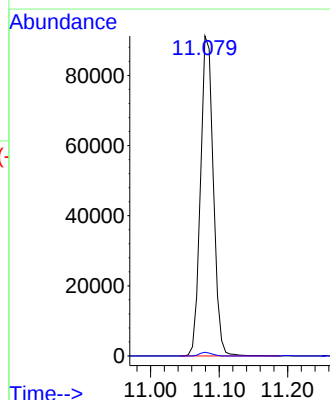
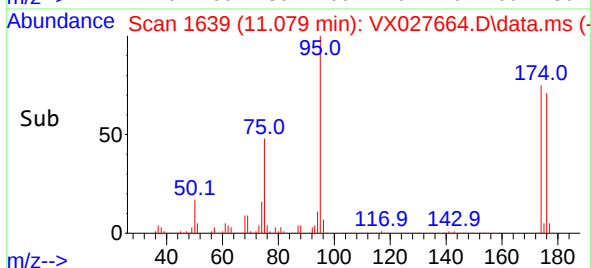
Tgt Ion:152 Resp: 244739
Ion Ratio Lower Upper
152 100
115 59.3 37.5 112.7
150 157.9 0.0 338.2

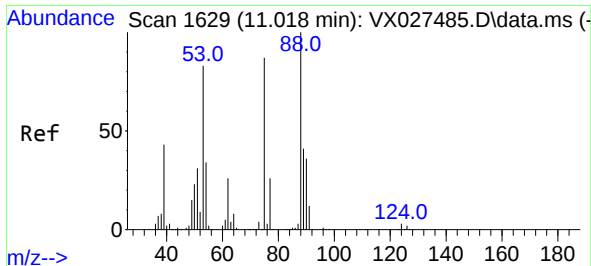


#76
1,2,3-Trichloropropane
Concen: 23.302 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX027664.D
Acq: 23 Mar 2022 13:53



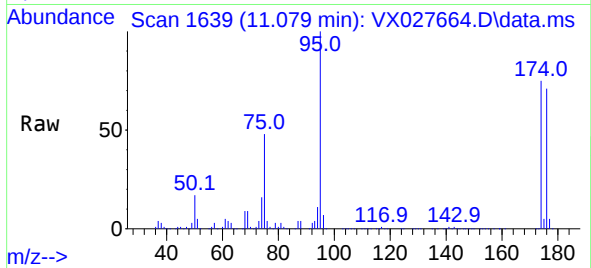
Tgt Ion: 75 Resp: 119288
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.770 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX027664.D
 Acq: 23 Mar 2022 13:53

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 119288
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

