

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031022\
 Data File : VX027374.D
 Acq On : 10 Mar 2022 13:57
 Operator : JC/MD
 Sample : N1797-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 11 00:45:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 15:54:34 2022
 Response via : Initial Calibration

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

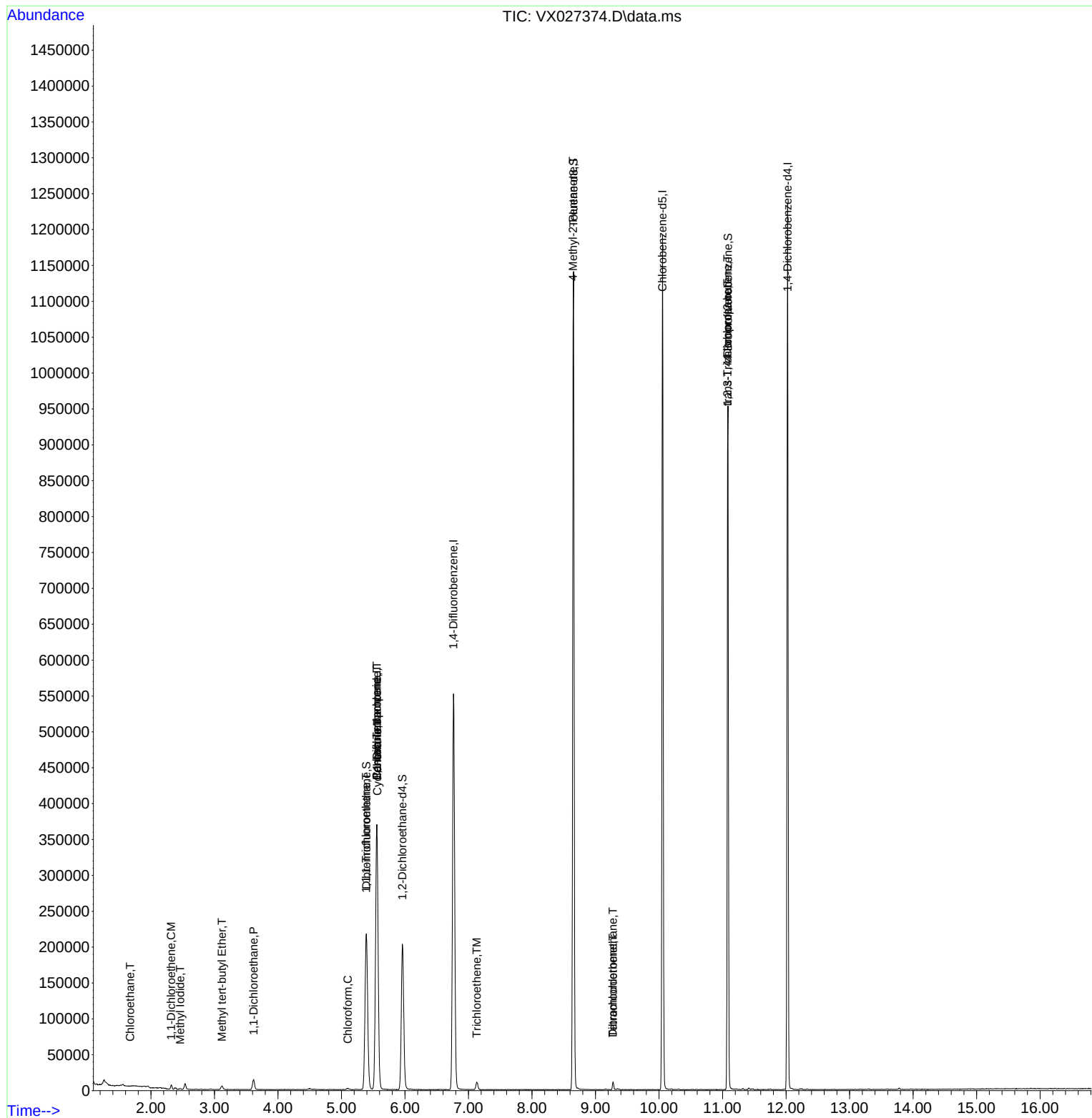
Internal Standards						
1) Pentafluorobenzene	5.556	168	379237	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	612701	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	578086	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	268330	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	195738	44.260	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	88.520%
35) Dibromofluoromethane	5.391	113	196740	49.763	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.520%
50) Toluene-d8	8.653	98	720576	48.278	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.560%
62) 4-Bromofluorobenzene	11.085	95	264702	46.532	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.060%
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	407	Below Cal		90
6) Chloroethane	1.672	64	156	0.514 ug/l	#	43
10) Methyl Iodide	2.459	142	1256	0.233 ug/l		93
12) 1,1-Dichloroethene	2.319	96	2351	0.639 ug/l		82
16) Acetone	2.380	43	2362	Below Cal	#	84
19) Methyl tert-butyl Ether	3.117	73	5267	0.432 ug/l		99
24) 1,1-Dichloroethane	3.617	63	15633	2.233 ug/l		97
30) Chloroform	5.099	83	2282	0.309 ug/l		95
31) Cyclohexane	5.562	56	5812	0.940 ug/l	#	1
32) 1,1,1-Trichloroethane	5.385	97	1772	0.281 ug/l	#	44
36) 1,1-Dichloropropene	5.556	75	24140	4.398 ug/l	#	49
38) Carbon Tetrachloride	5.556	117	35535	6.261 ug/l	#	16
44) Trichloroethene	7.129	130	4486	0.977 ug/l		97
51) 4-Methyl-2-Pentanone	8.647	43	2501	0.428 ug/l	#	1
60) Dibromochloromethane	9.275	129	1911	0.421 ug/l	#	9
64) Tetrachloroethene	9.275	164	1864	0.460 ug/l		95
76) 1,2,3-Trichloropropane	11.079	75	120422	20.455 ug/l	#	38
81) trans-1,4-Dichloro-2-b...	11.079	75	120422	66.153 ug/l	#	15

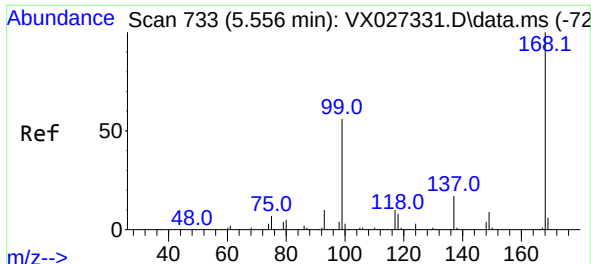
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

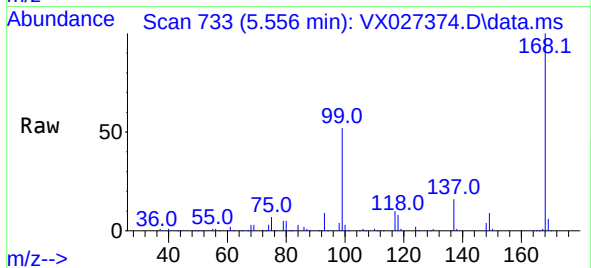
Quant Time: Mar 11 00:45:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 08 15:54:34 2022
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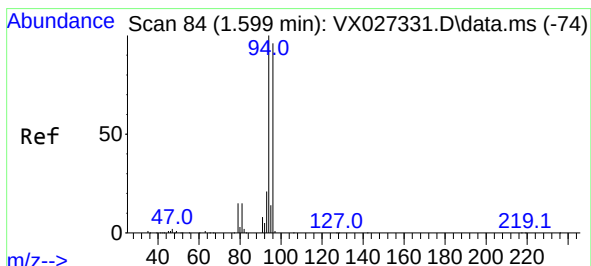
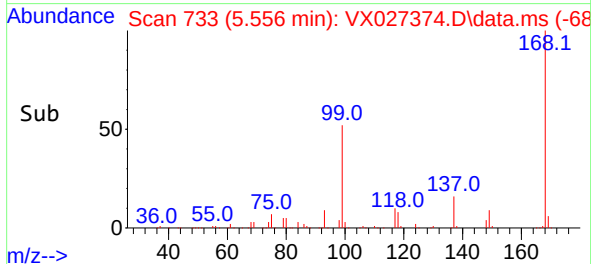
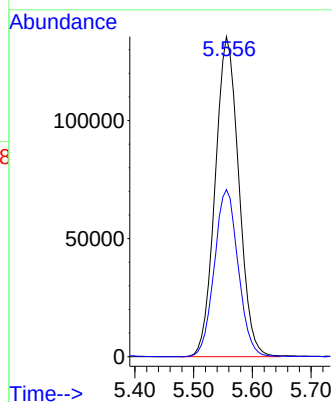


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027374.D
Acq: 10 Mar 2022 13:57

Instrument :
MSVOA_X
ClientSampleId :

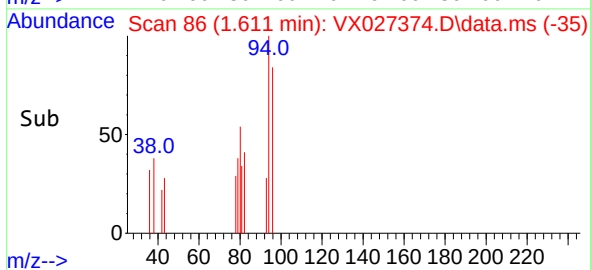
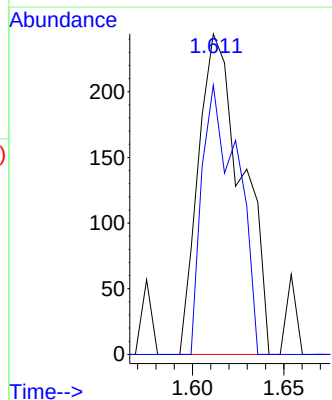
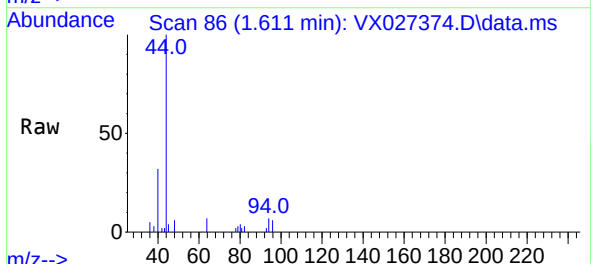


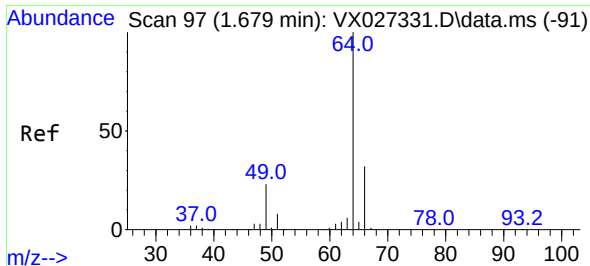
Tgt Ion:168 Resp: 379237
Ion Ratio Lower Upper
168 100
99 52.2 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX027374.D
Acq: 10 Mar 2022 13:57

Tgt Ion: 94 Resp: 407
Ion Ratio Lower Upper
94 100
96 84.0 75.3 112.9

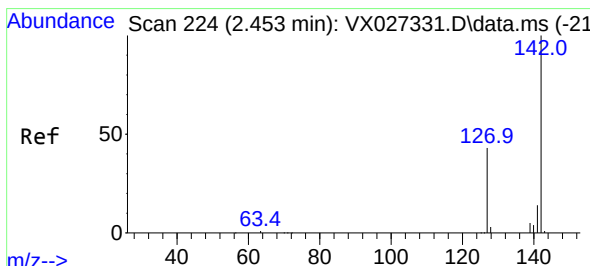
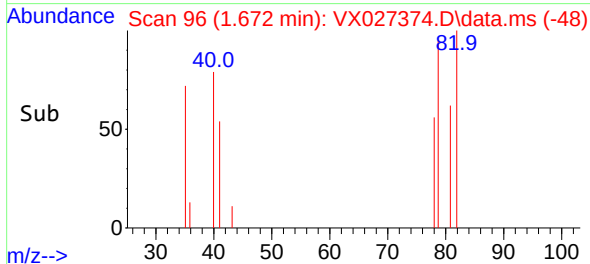
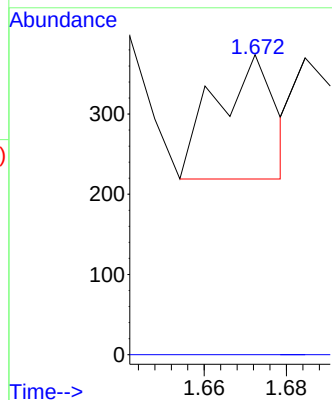
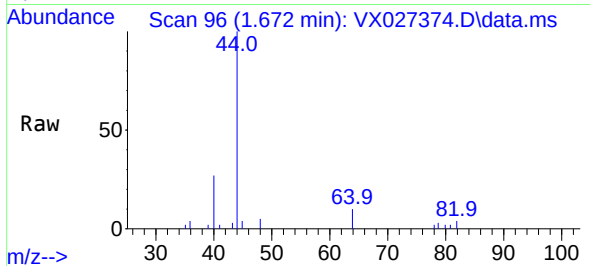




#6
Chloroethane
Concen: 0.514 ug/l
RT: 1.672 min Scan# 91
Delta R.T. -0.007 min
Lab File: VX027374.D
Acq: 10 Mar 2022 13:57

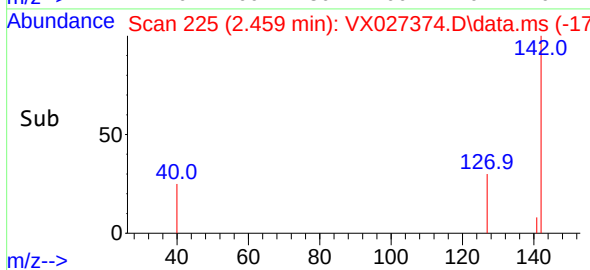
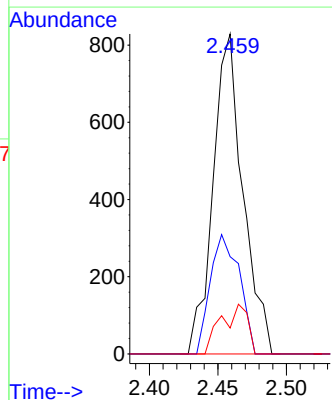
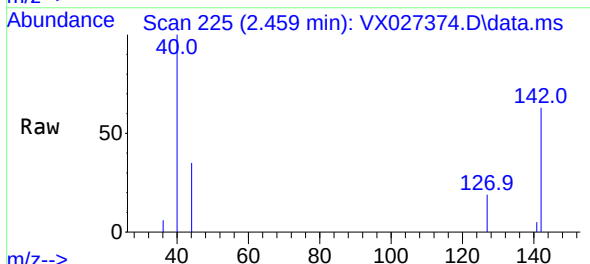
Instrument :
MSVOA_X
ClientSampleId :

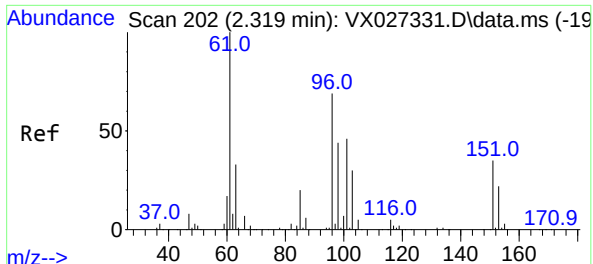
Tgt Ion: 64 Resp: 156
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 0.233 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX027374.D
Acq: 10 Mar 2022 13:57

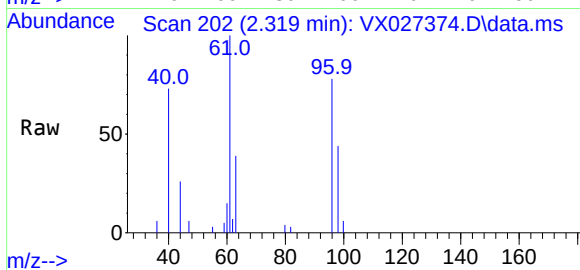
Tgt Ion:142 Resp: 1256
Ion Ratio Lower Upper
142 100
127 36.4 33.9 50.9
141 13.8 11.4 17.2



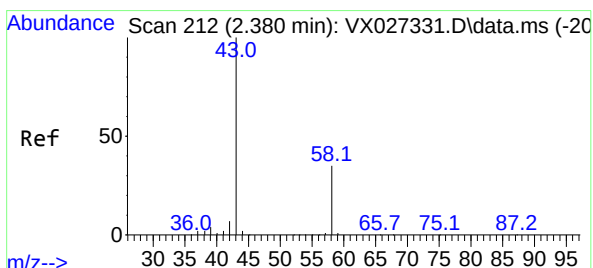
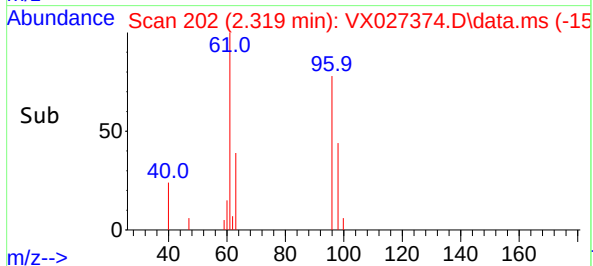
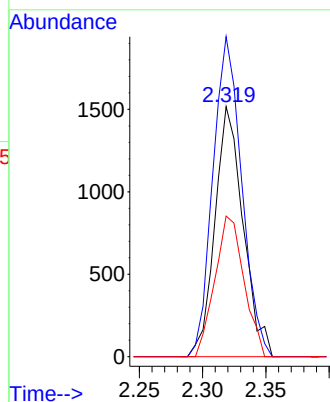


#12
1,1-Dichloroethene
Concen: 0.639 ug/l
RT: 2.319 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX027374.D
Acq: 10 Mar 2022 13:57

Instrument :
MSVOA_X
ClientSampleId :

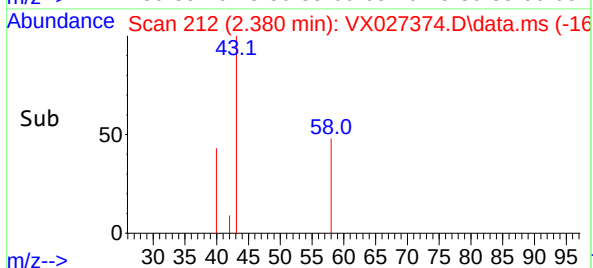
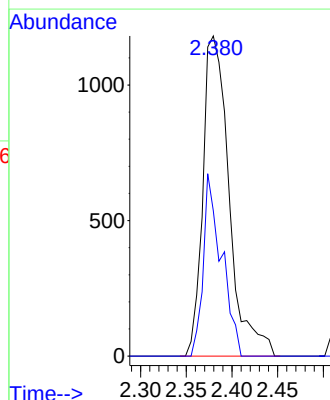
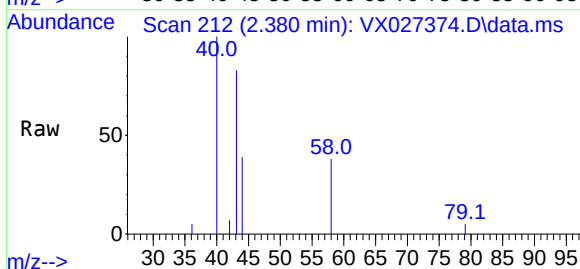


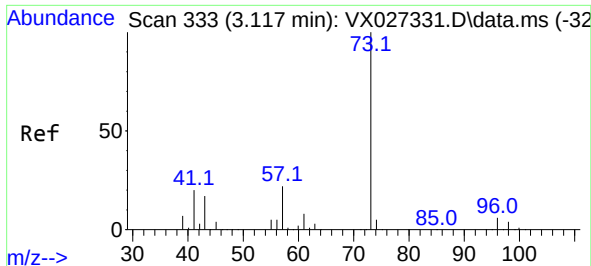
Tgt Ion: 96 Resp: 2351
Ion Ratio Lower Upper
96 100
61 127.9 124.6 187.0
98 56.2 51.0 76.4



#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX027374.D
Acq: 10 Mar 2022 13:57

Tgt Ion: 43 Resp: 2362
Ion Ratio Lower Upper
43 100
58 45.4 28.8 43.2#





#19

Methyl tert-butyl Ether

Concen: 0.432 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX027374.D

Acq: 10 Mar 2022 13:57

Instrument :

MSVOA_X

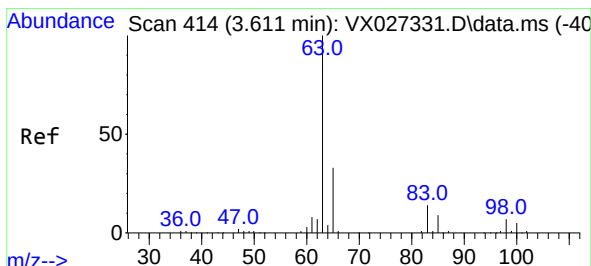
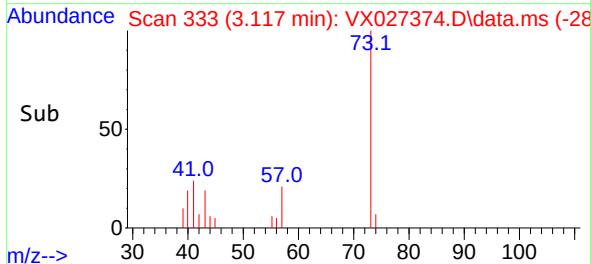
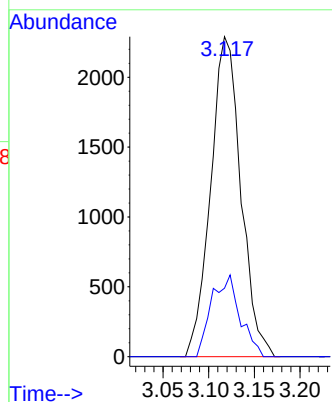
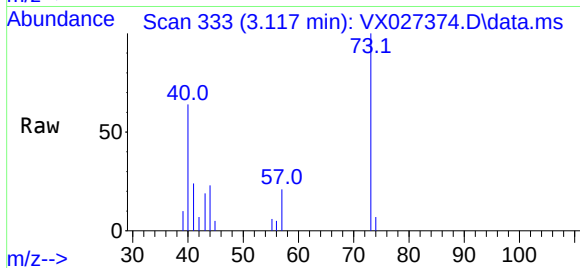
ClientSampleId :

Tgt Ion: 73 Resp: 5267

Ion Ratio Lower Upper

73 100

57 21.4 16.8 25.2



#24

1,1-Dichloroethane

Concen: 2.233 ug/l

RT: 3.617 min Scan# 415

Delta R.T. 0.006 min

Lab File: VX027374.D

Acq: 10 Mar 2022 13:57

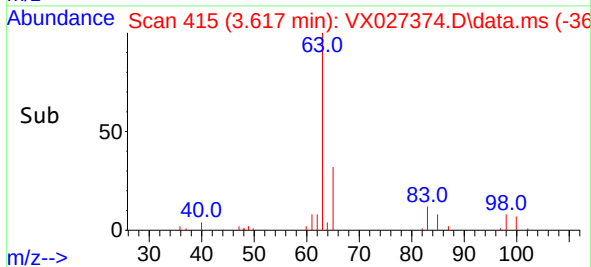
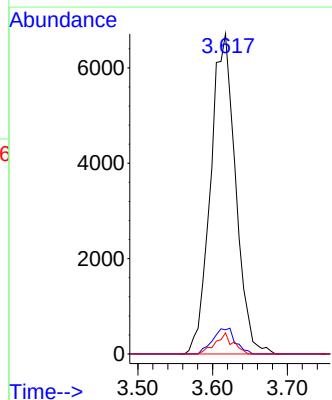
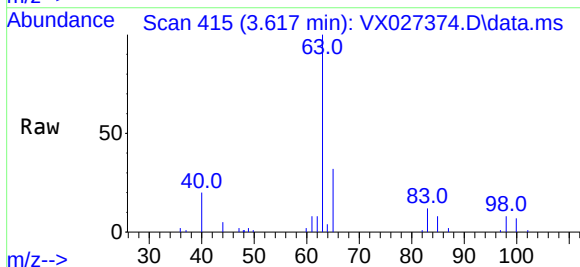
Tgt Ion: 63 Resp: 15633

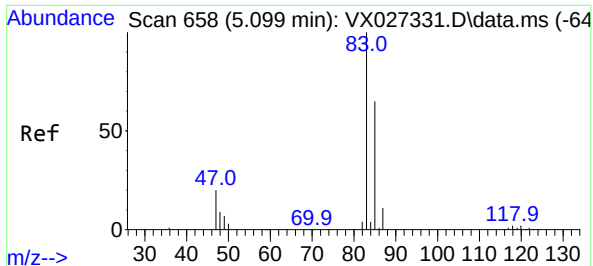
Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.7

100 6.6 2.4 7.2





#30

Chloroform

Concen: 0.309 ug/l

RT: 5.099 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX027374.D

Acq: 10 Mar 2022 13:57

Instrument :

MSVOA_X

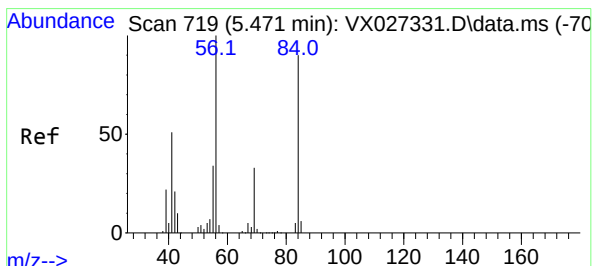
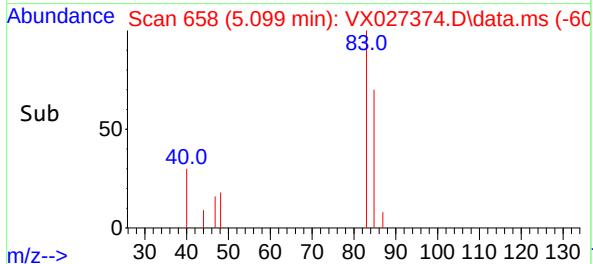
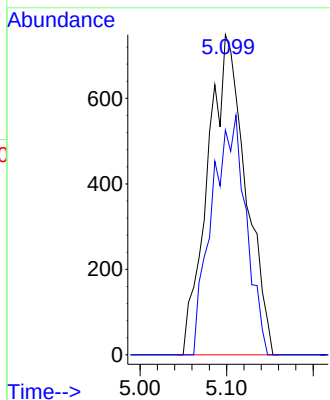
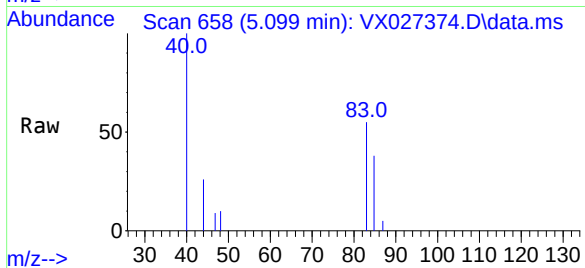
ClientSampleId :

Tgt Ion: 83 Resp: 2282

Ion Ratio Lower Upper

83 100

85 70.2 52.7 79.1



#31

Cyclohexane

Concen: 0.940 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.091 min

Lab File: VX027374.D

Acq: 10 Mar 2022 13:57

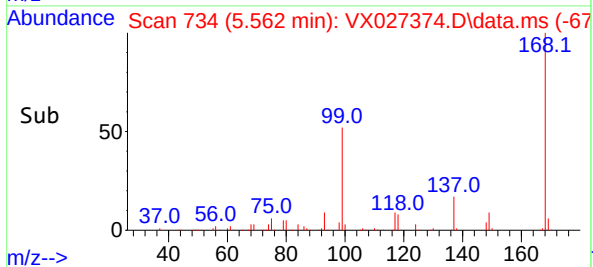
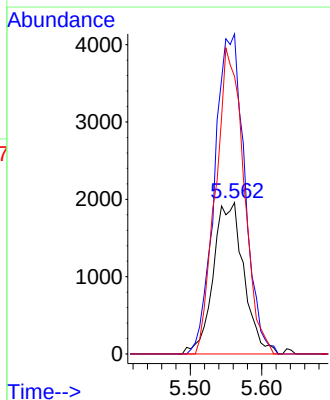
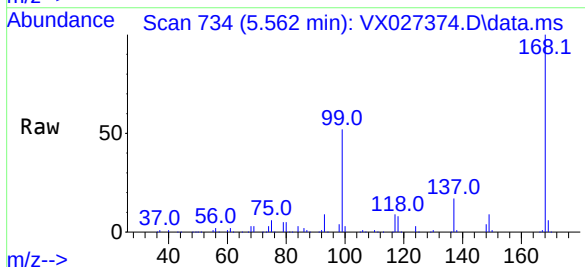
Tgt Ion: 56 Resp: 5812

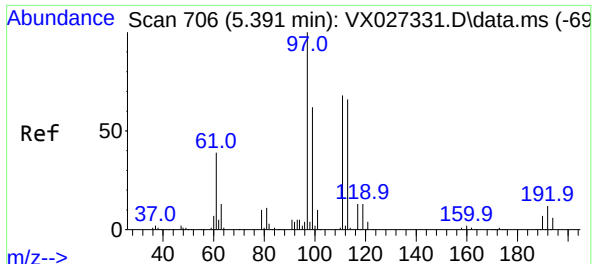
Ion Ratio Lower Upper

56 100

69 211.5 26.7 40.1#

84 183.4 77.2 115.8#





#32

1,1,1-Trichloroethane

Concen: 0.281 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX027374.D

Acq: 10 Mar 2022 13:57

Instrument :

MSVOA_X

ClientSampleId :

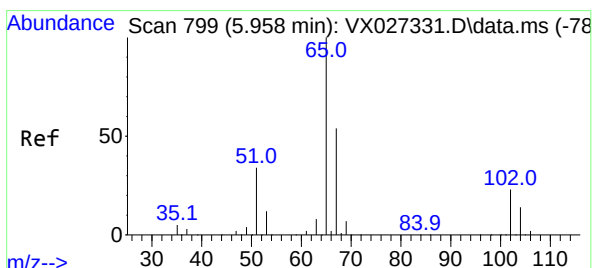
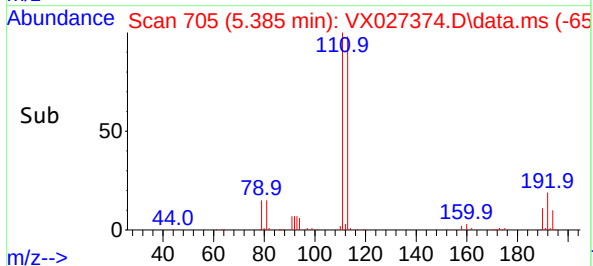
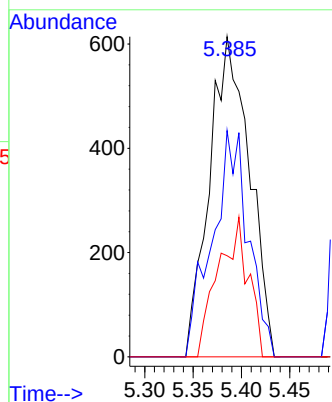
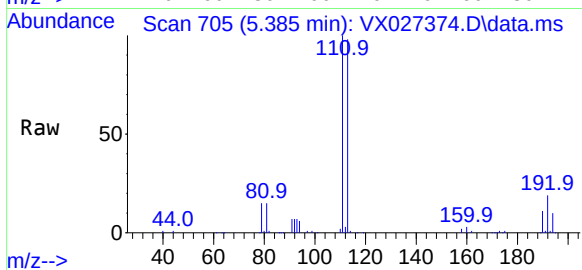
Tgt Ion: 97 Resp: 1772

Ion Ratio Lower Upper

97 100

99 0.0 51.8 77.6#

61 32.8 34.0 51.0#



#33

1,2-Dichloroethane-d4

Concen: 44.260 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027374.D

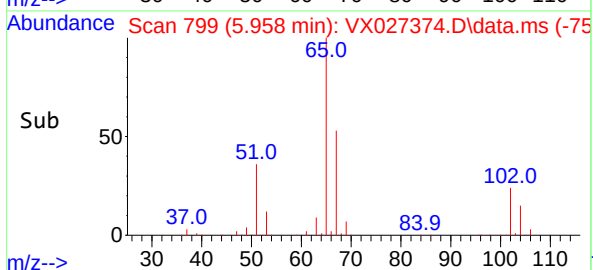
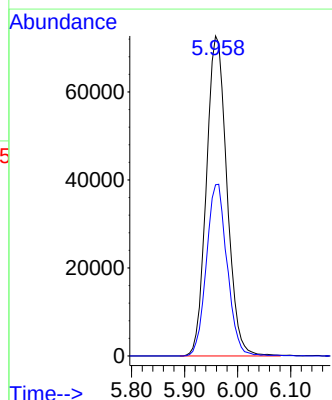
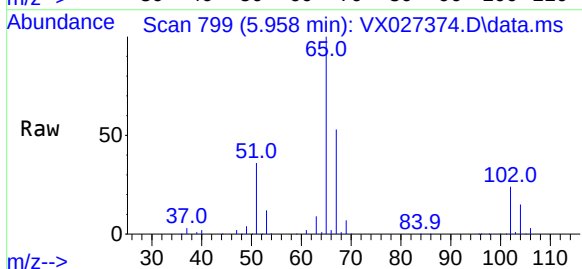
Acq: 10 Mar 2022 13:57

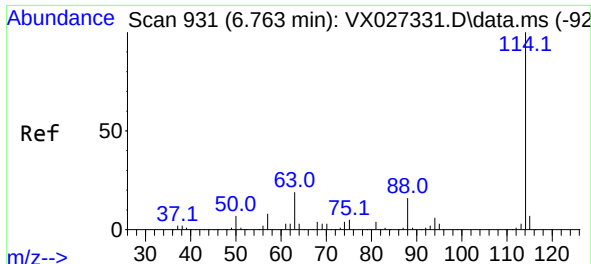
Tgt Ion: 65 Resp: 195738

Ion Ratio Lower Upper

65 100

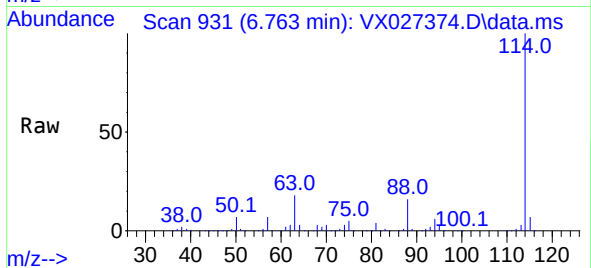
67 54.1 0.0 107.4



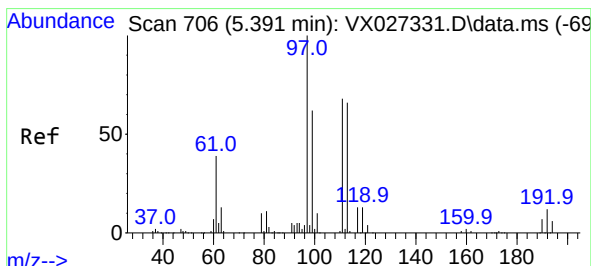
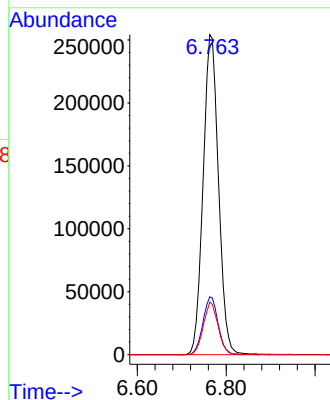
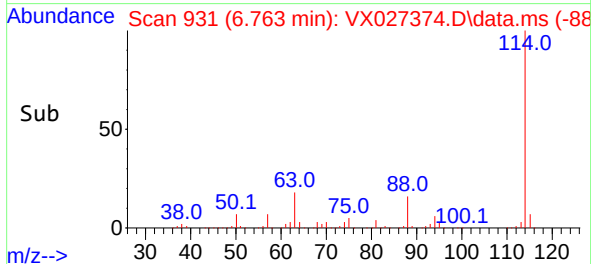


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX027374.D
Acq: 10 Mar 2022 13:57

Instrument :
MSVOA_X
ClientSampleId :

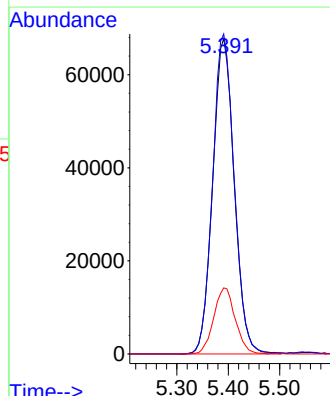
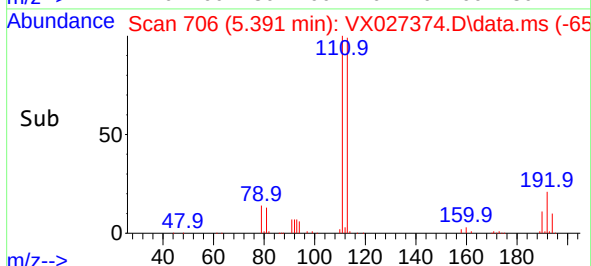
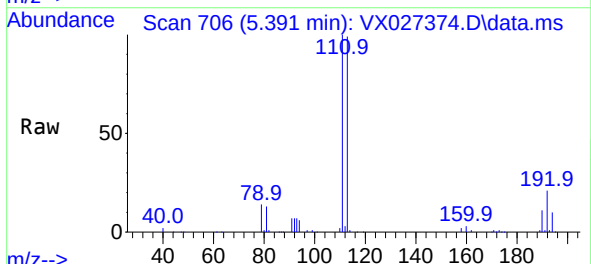


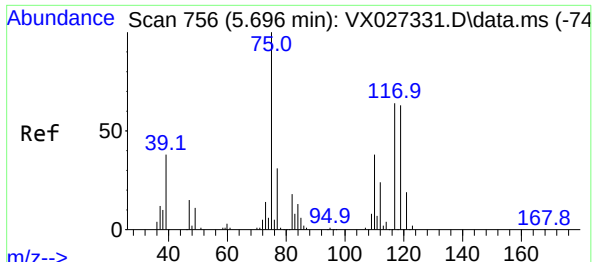
Tgt Ion:114 Resp: 612701
Ion Ratio Lower Upper
114 100
63 18.1 0.0 36.8
88 16.4 0.0 32.4



#35
Dibromofluoromethane
Concen: 49.763 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027374.D
Acq: 10 Mar 2022 13:57

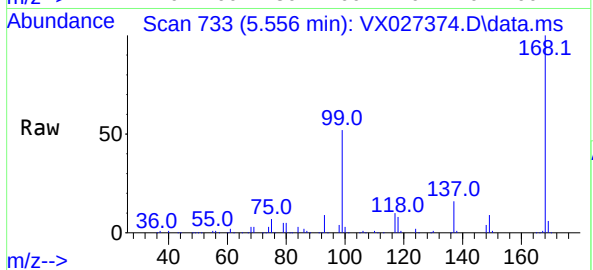
Tgt Ion:113 Resp: 196740
Ion Ratio Lower Upper
113 100
111 101.8 82.8 124.2
192 21.0 16.9 25.3



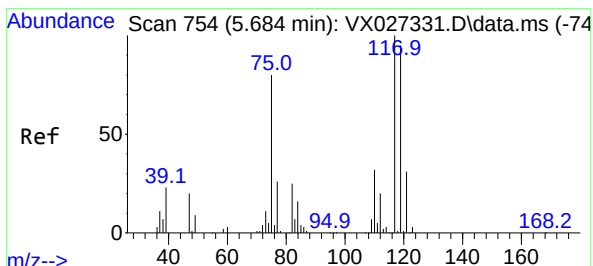
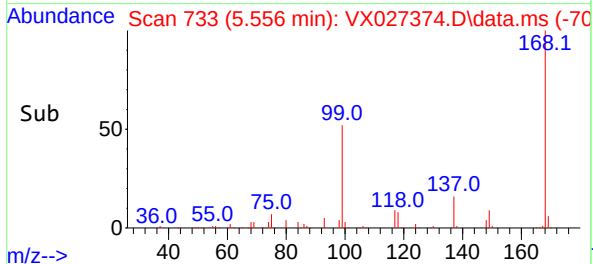
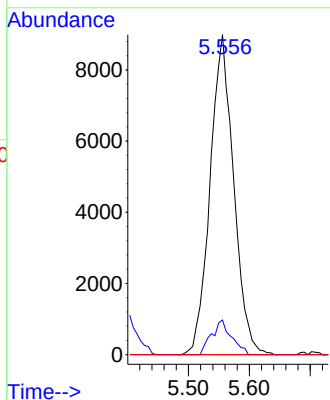


#36
1,1-Dichloropropene
Concen: 4.398 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX027374.D
Acq: 10 Mar 2022 13:57

Instrument :
MSVOA_X
ClientSampleId :

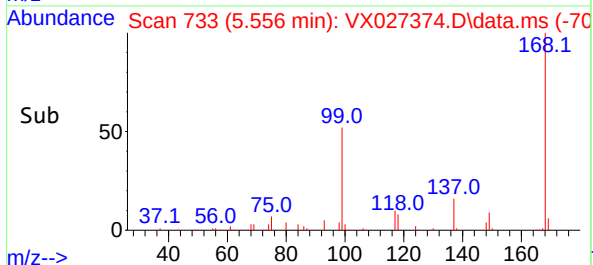
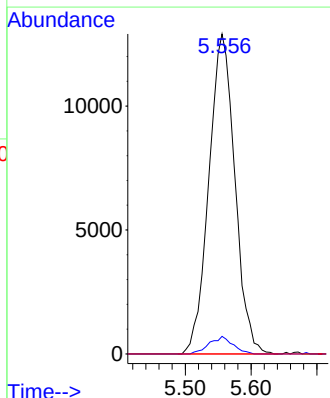
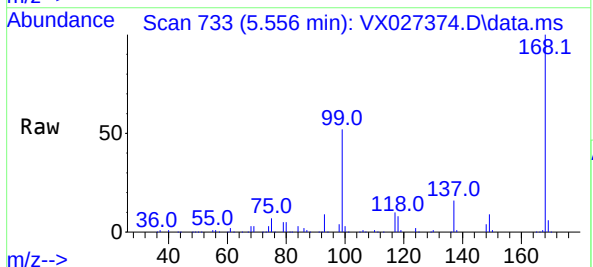


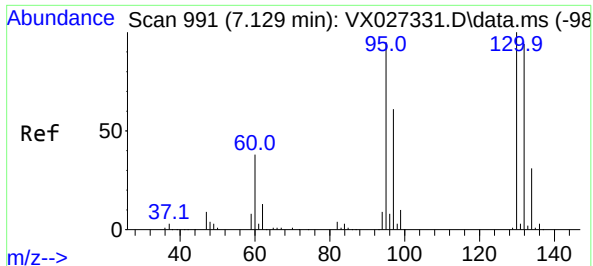
Tgt Ion: 75 Resp: 24140
Ion Ratio Lower Upper
75 100
110 9.1 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.261 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX027374.D
Acq: 10 Mar 2022 13:57

Tgt Ion: 117 Resp: 35535
Ion Ratio Lower Upper
117 100
119 5.5 77.3 115.9#
121 0.0 24.2 36.2#

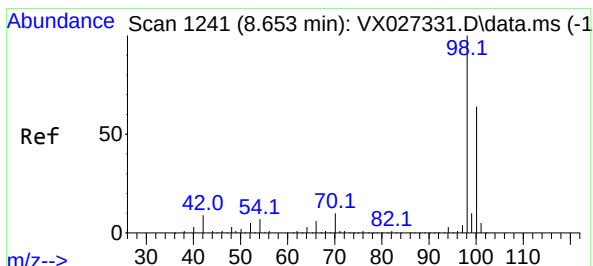
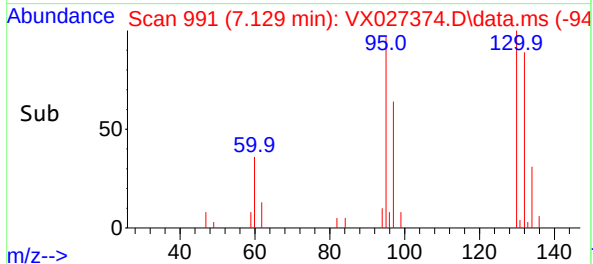
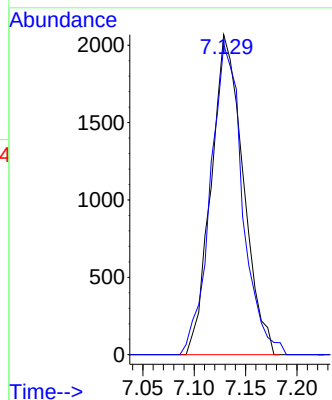
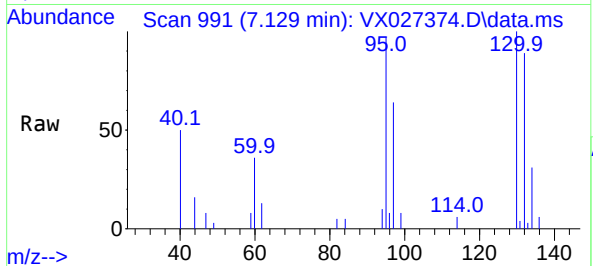




#44
Trichloroethene
Concen: 0.977 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX027374.D
Acq: 10 Mar 2022 13:57

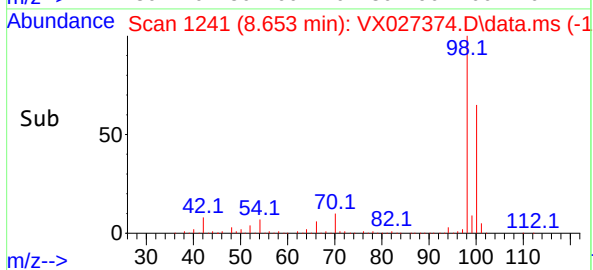
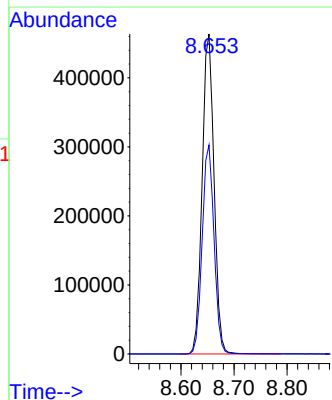
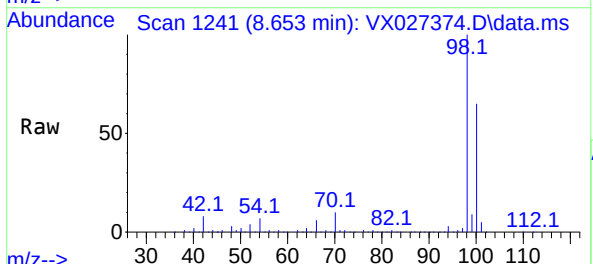
Instrument :
MSVOA_X
ClientSampleId :

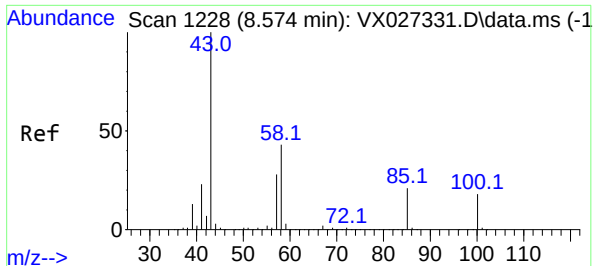
Tgt Ion:130 Resp: 4486
Ion Ratio Lower Upper
130 100
95 96.9 0.0 188.8



#50
Toluene-d8
Concen: 48.278 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027374.D
Acq: 10 Mar 2022 13:57

Tgt Ion: 98 Resp: 720576
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.428 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX027374.D

Acq: 10 Mar 2022 13:57

Instrument :

MSVOA_X

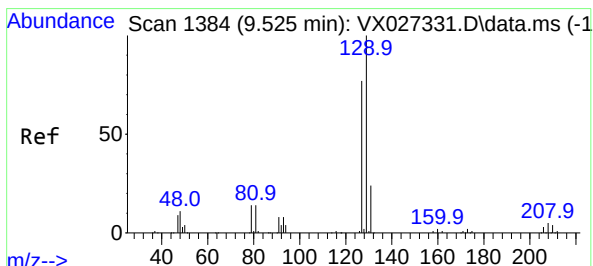
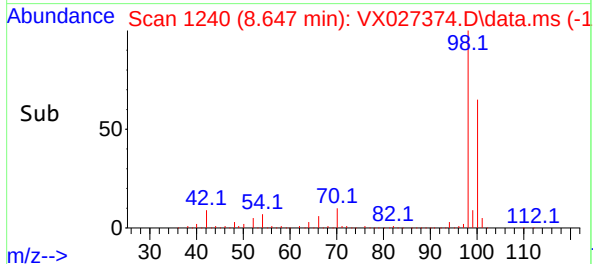
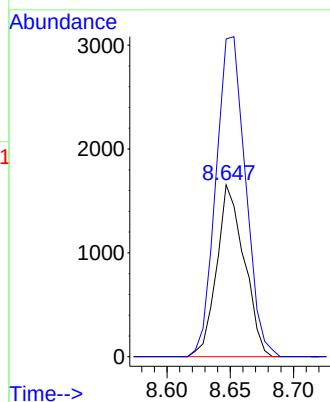
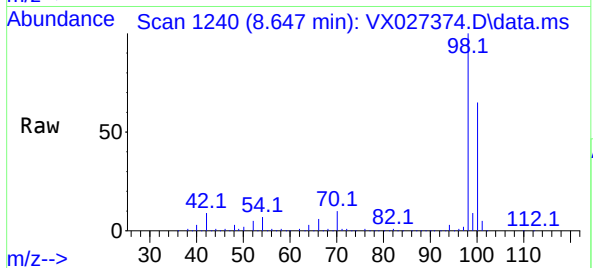
ClientSampleId :

Tgt Ion: 43 Resp: 2501

Ion Ratio Lower Upper

43 100

58 200.4 36.1 54.1#



#60

Dibromochloromethane

Concen: 0.421 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX027374.D

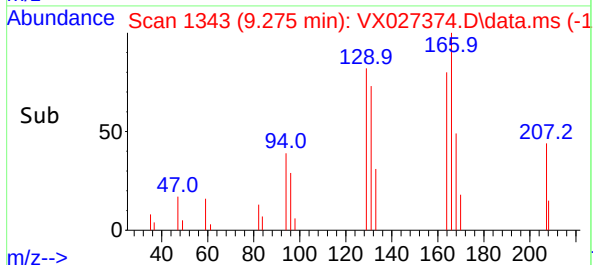
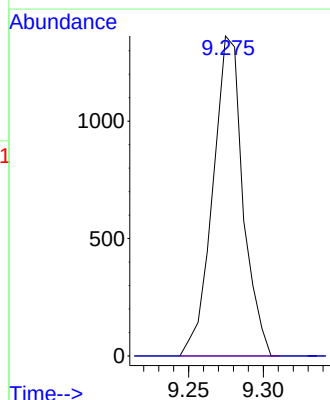
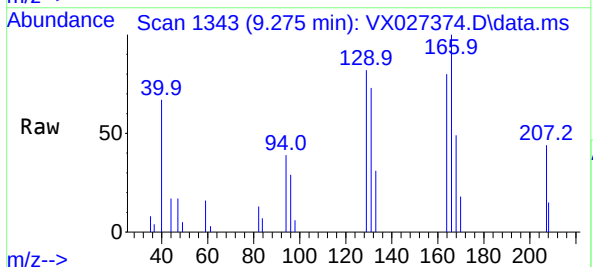
Acq: 10 Mar 2022 13:57

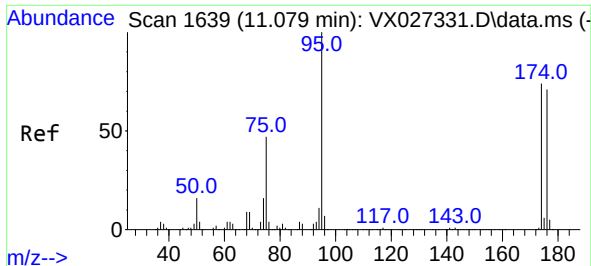
Tgt Ion: 129 Resp: 1911

Ion Ratio Lower Upper

129 100

127 0.0 40.3 120.8#

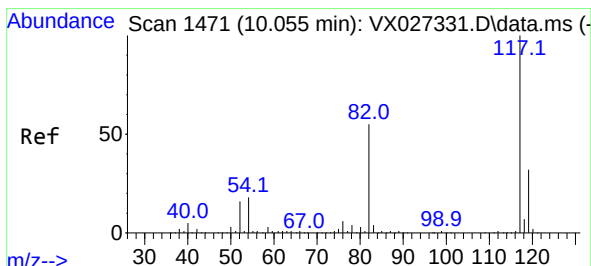
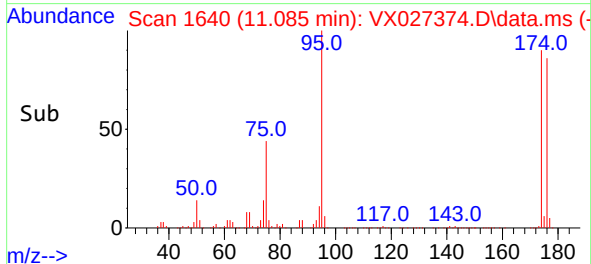
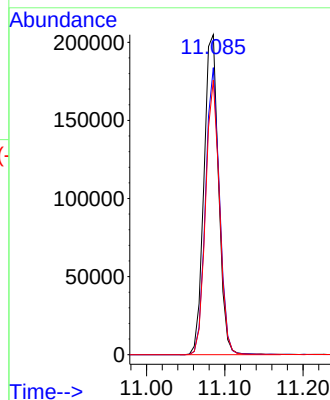
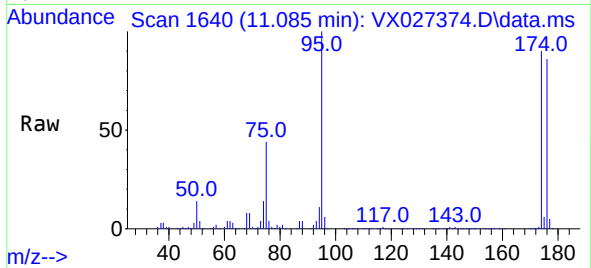




#62
4-Bromofluorobenzene
Concen: 46.532 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX027374.D
Acq: 10 Mar 2022 13:57

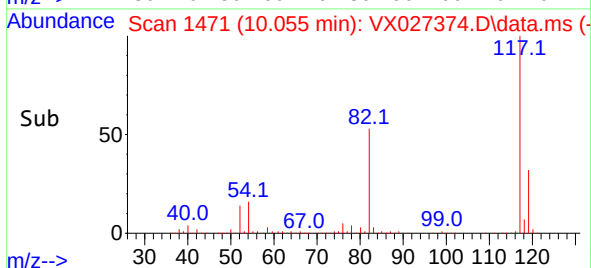
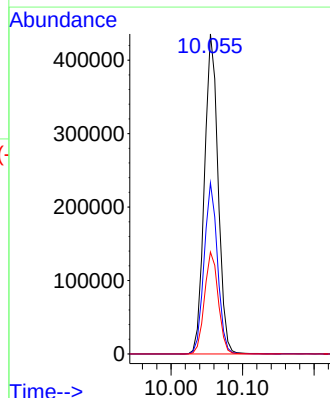
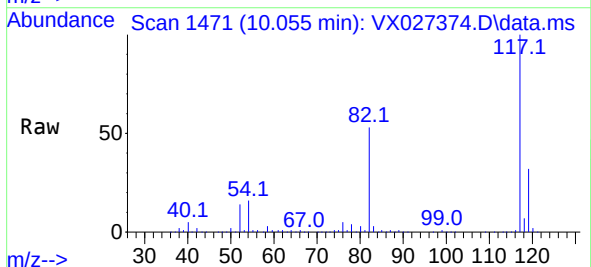
Instrument :
MSVOA_X
ClientSampleId :

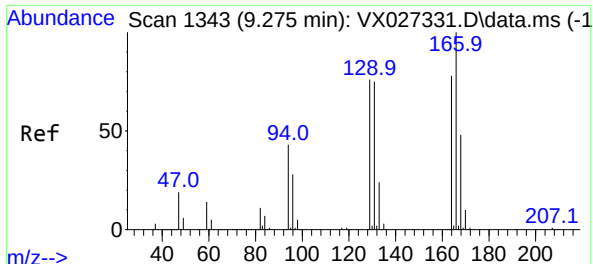
Tgt Ion: 95 Resp: 264702
Ion Ratio Lower Upper
95 100
174 85.5 0.0 163.0
176 81.9 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027374.D
Acq: 10 Mar 2022 13:57

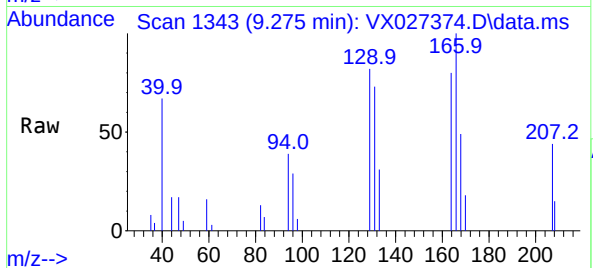
Tgt Ion: 117 Resp: 578086
Ion Ratio Lower Upper
117 100
82 53.5 41.8 62.8
119 31.9 24.8 37.2





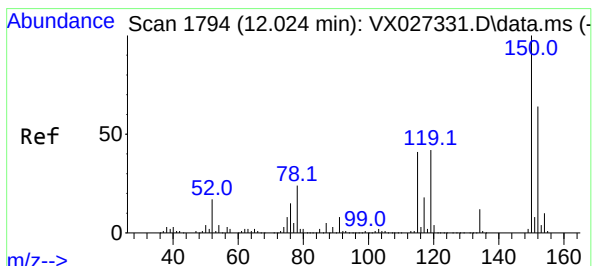
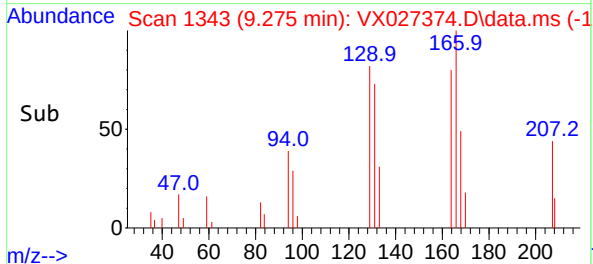
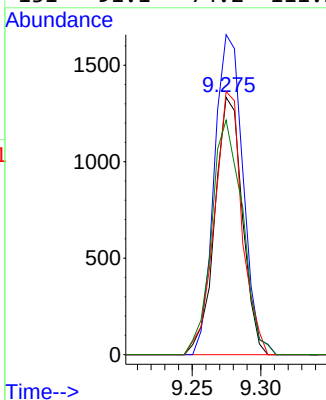
#64
Tetrachloroethene
Concen: 0.460 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027374.D
Acq: 10 Mar 2022 13:57

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:164 Resp: 1864

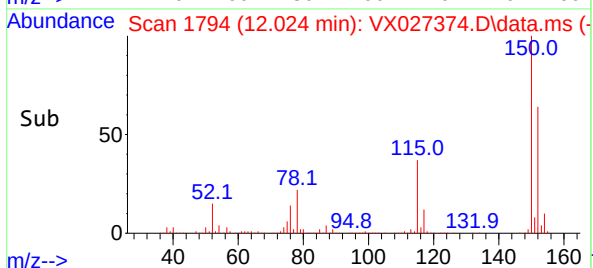
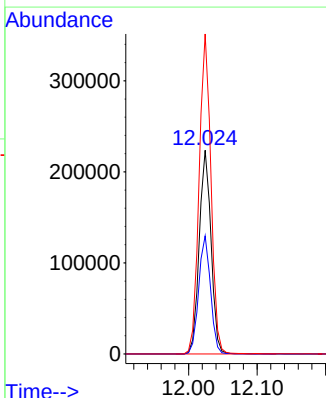
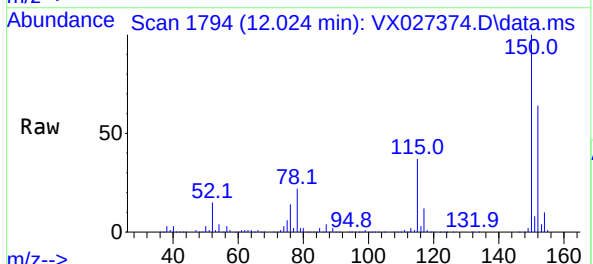
Ion	Ratio	Lower	Upper
164	100		
166	124.4	101.2	151.8
129	102.3	73.0	109.4
131	91.1	74.2	111.2

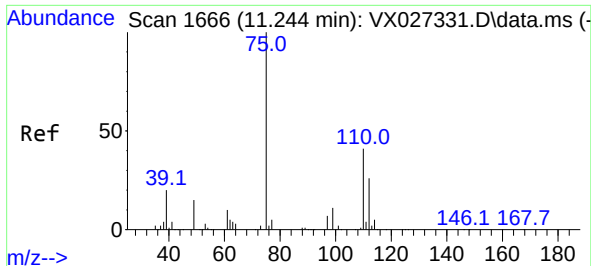


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027374.D
Acq: 10 Mar 2022 13:57

Tgt Ion:152 Resp: 268330

Ion	Ratio	Lower	Upper
152	100		
115	58.2	37.5	112.7
150	157.2	0.0	338.2

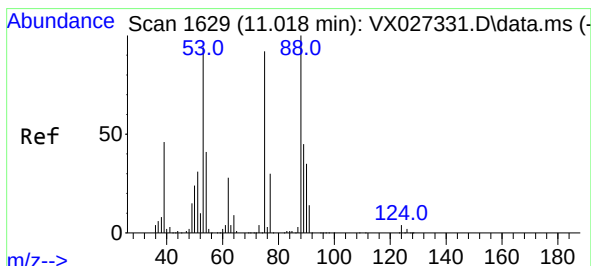
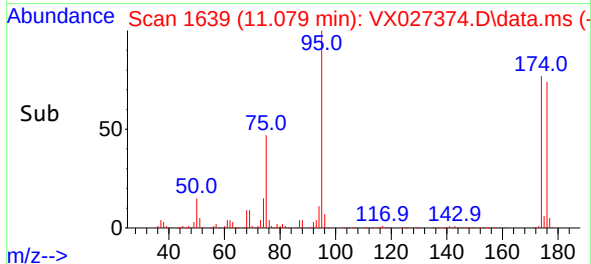
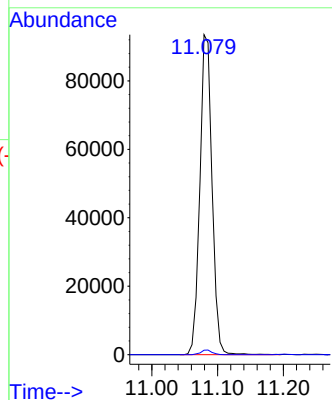
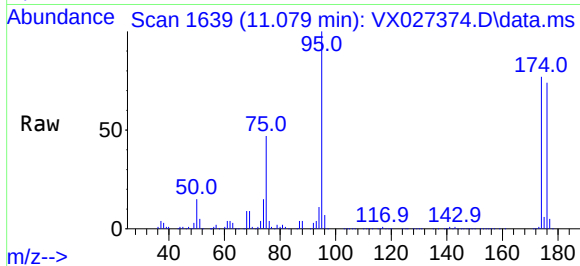




#76
1,2,3-Trichloropropane
Concen: 20.455 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027374.D
Acq: 10 Mar 2022 13:57

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 120422
Ion Ratio Lower Upper
75 100
77 1.3 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.153 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027374.D
Acq: 10 Mar 2022 13:57

Tgt Ion: 75 Resp: 120422
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

