

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120420\
 Data File : VX019740.D
 Acq On : 05 Dec 2020 00:20
 Operator : JC/MD
 Sample : L4953-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ID039-39-5093-120320

Quant Time: Dec 05 03:56:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	330378	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	539448	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	478583	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	195751	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.02	65	204555	47.11	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.22%		
35) Dibromofluoromethane	5.46	113	165485	47.47	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.94%		
50) Toluene-d8	8.70	98	642001	48.23	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.46%		
62) 4-Bromofluorobenzene	11.12	95	219230	43.27	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	86.54%		

Target Compounds

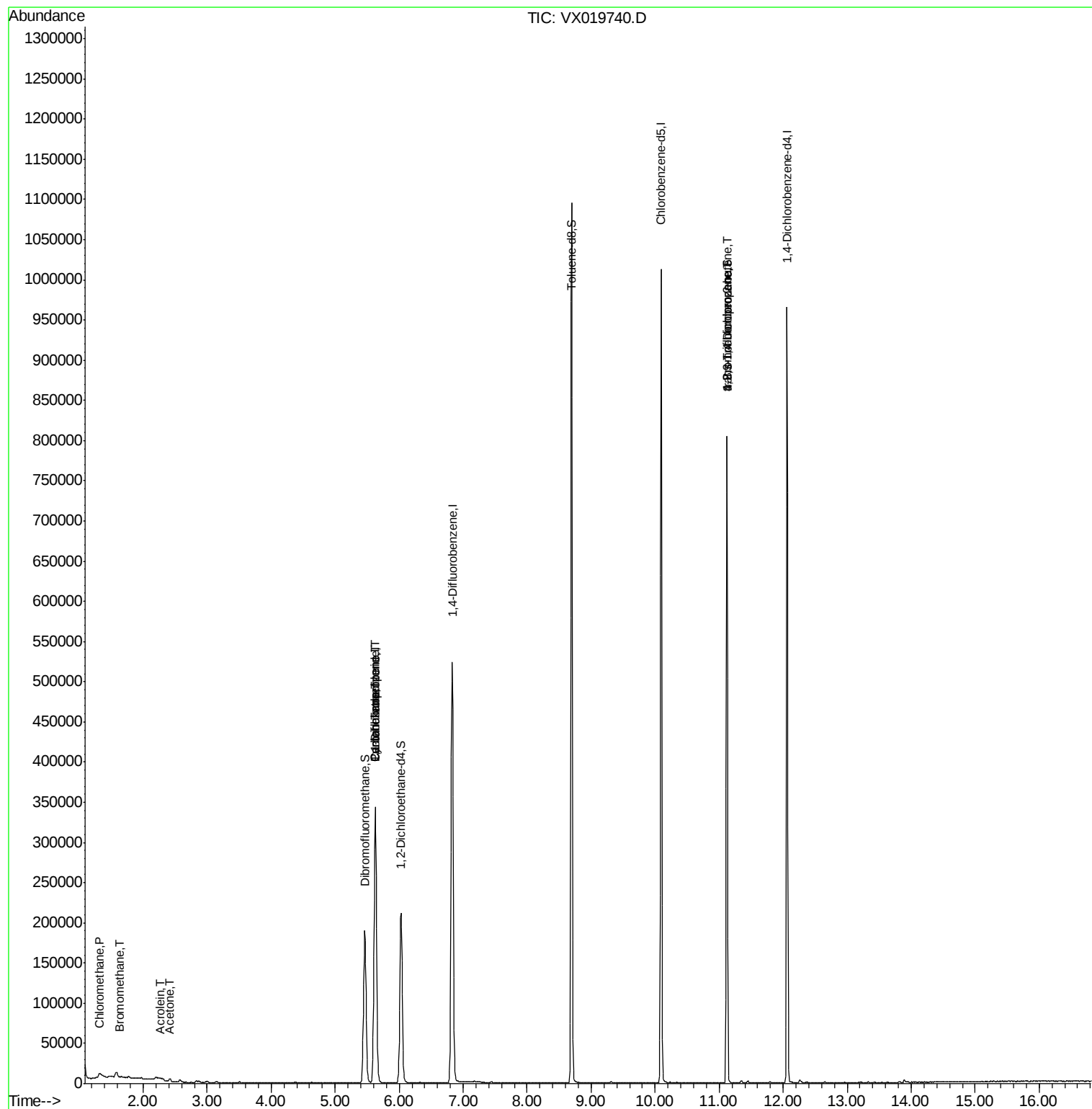
					Qvalue	
3) Chloromethane	1.31	50	753	0.212	ug/l	95
5) Bromomethane	1.63	94	822	0.660	ug/l #	78
11) Tert butyl alcohol	2.99	59	1047	Below Cal	#	73
13) Acrolein	2.27	56	256	0.534	ug/l #	29
16) Acetone	2.42	43	4021	2.464	ug/l	99
20) Methylene Chloride	2.83	84	621	Below Cal		90
31) Cyclohexane	5.63	56	6437	1.192	ug/l #	1
36) 1,1-Dichloropropene	5.62	75	24529	5.032	ug/l #	49
38) Carbon Tetrachloride	5.63	117	32433	6.794	ug/l #	15
76) 1,2,3-Trichloropropane	11.12	75	105877	24.116	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.12	75	105877	69.714	ug/l #	12

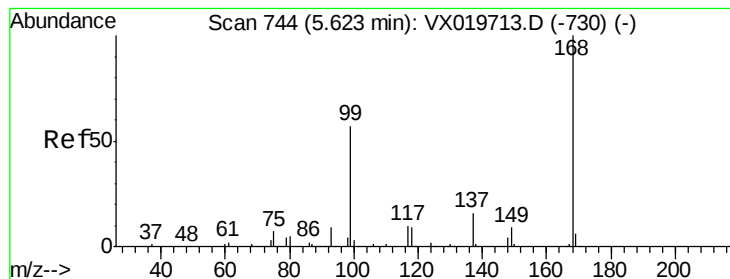
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120420\
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ID039-39-5093-120320

Quant Time: Dec 05 03:56:11 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.01 min

Lab File: VX019740.D

Acq: 05 Dec 2020 00:20

Instrument :

MSVOA_X

ClientSampleId :

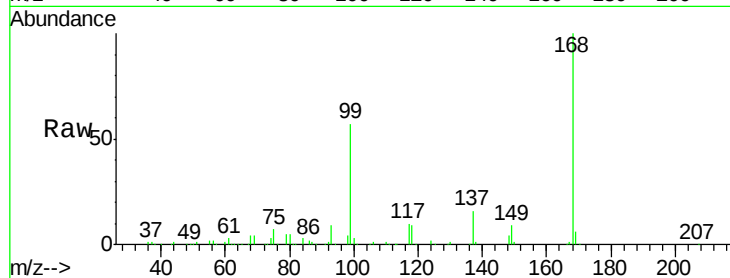
ID039-39-5093-120320

Tot Ion:168 Resp: 330378

Ion Ratio Lower Upper

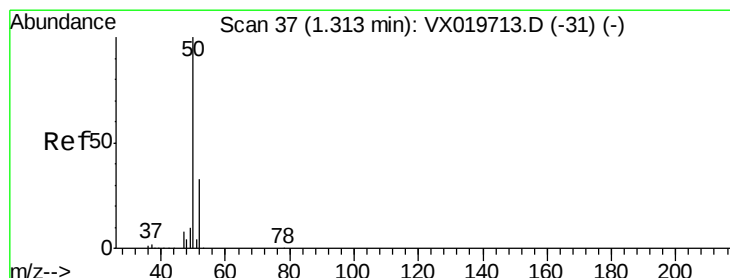
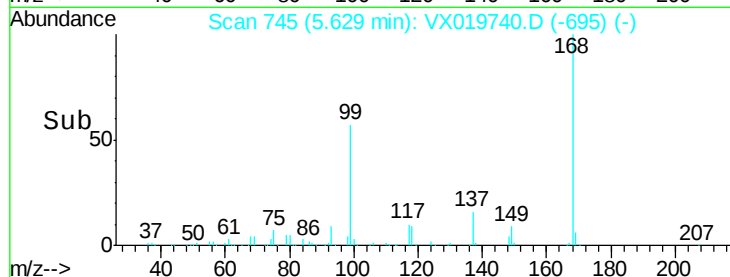
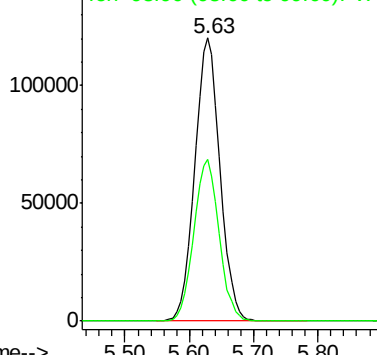
168 100

99 57.2 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.212 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019740.D

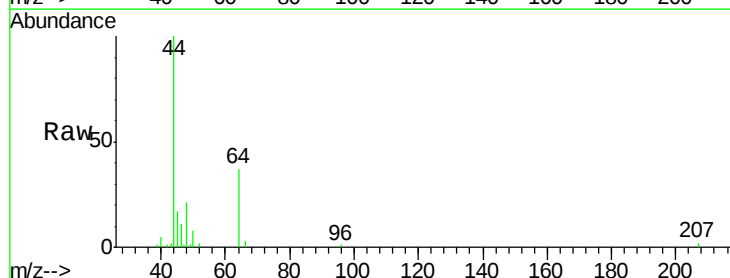
Acq: 05 Dec 2020 00:20

Tgt Ion: 50 Resp: 753

Ion Ratio Lower Upper

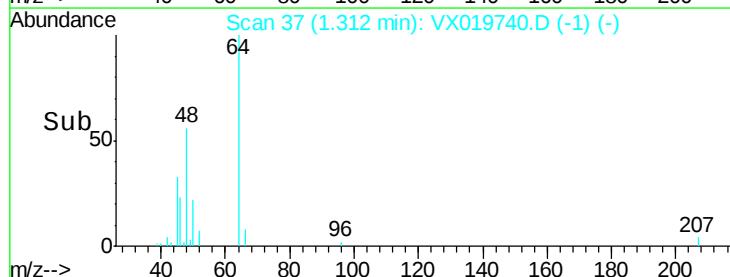
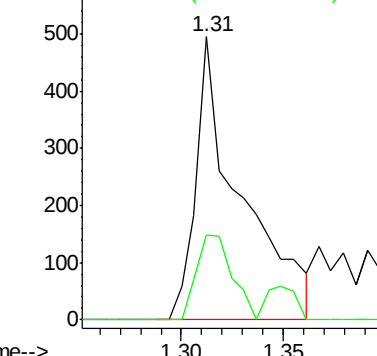
50 100

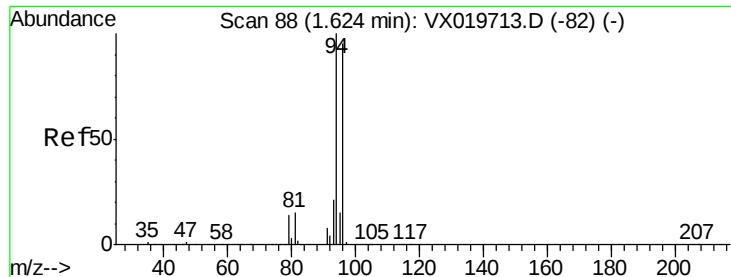
52 29.9 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 0.660 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX019740.D

Acq: 05 Dec 2020 00:20

Instrument :

MSVOA_X

ClientSampleId :

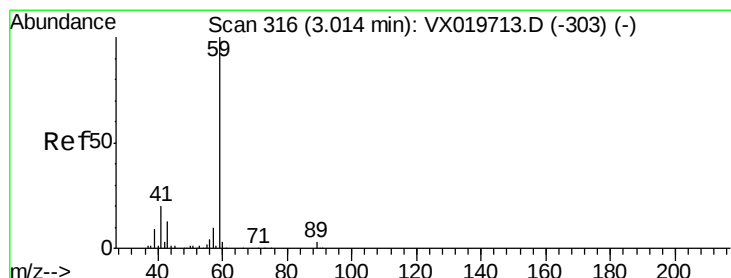
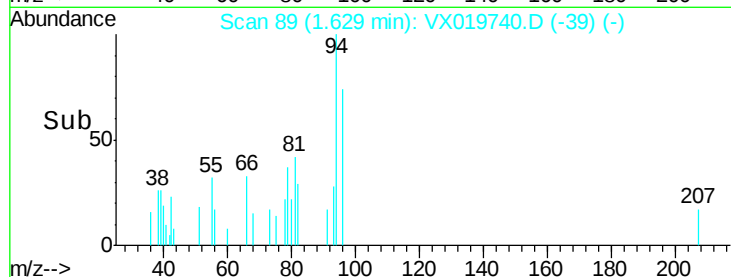
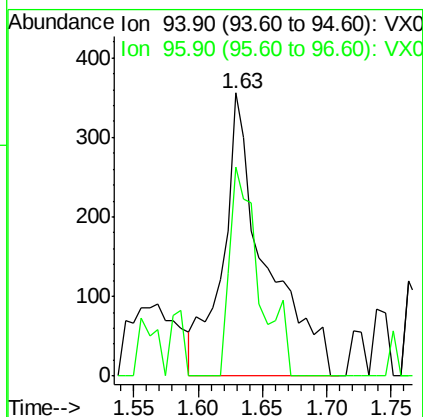
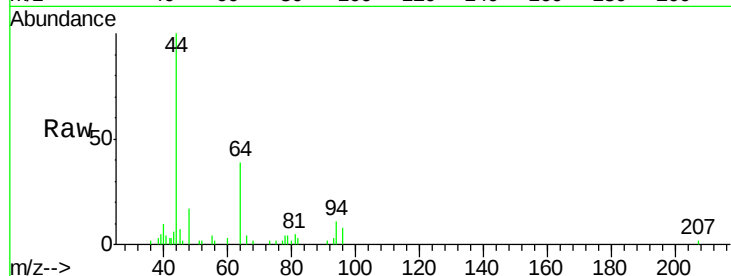
ID039-39-5093-120320

Tot Ion: 94 Resp: 822

Ion Ratio Lower Upper

94 100

96 73.9 76.4 114.6#



#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.99 min Scan# 312

Delta R.T. -0.02 min

Lab File: VX019740.D

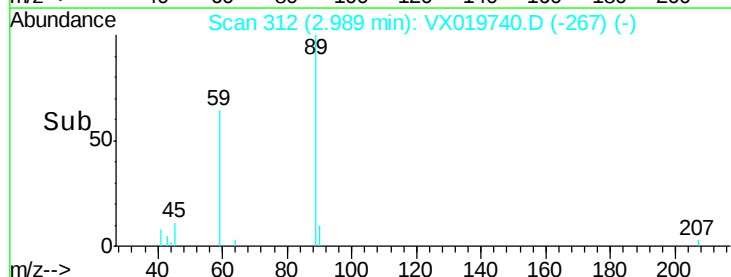
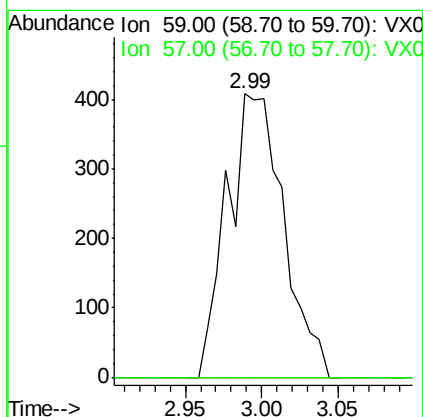
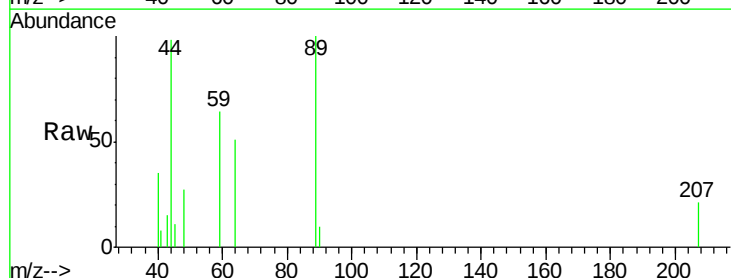
Acq: 05 Dec 2020 00:20

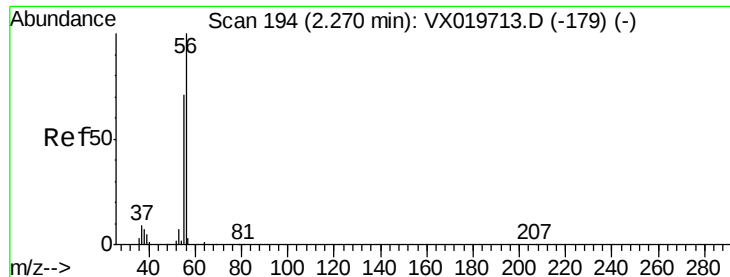
Tgt Ion: 59 Resp: 1047

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#





#13

Acrolein

Concen: 0.534 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX019740.D

Acq: 05 Dec 2020 00:20

Instrument :

MSVOA_X

ClientSampleId :

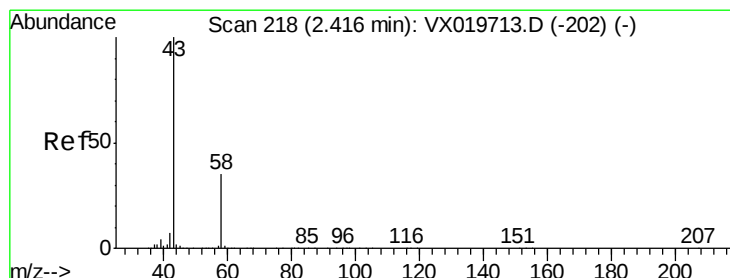
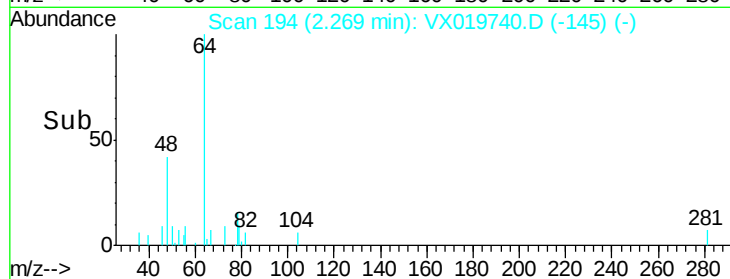
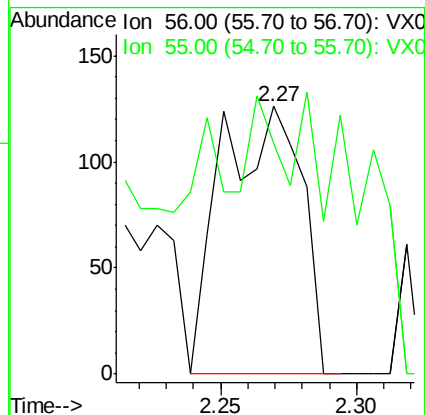
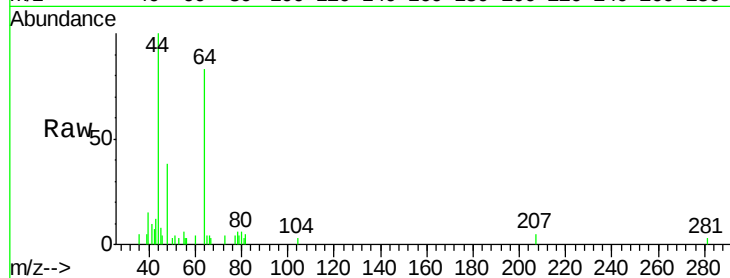
ID039-39-5093-120320

Tot Ion: 56 Resp: 256

Ion Ratio Lower Upper

56 100

55 12.1 56.4 84.6#



#16

Acetone

Concen: 2.464 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX019740.D

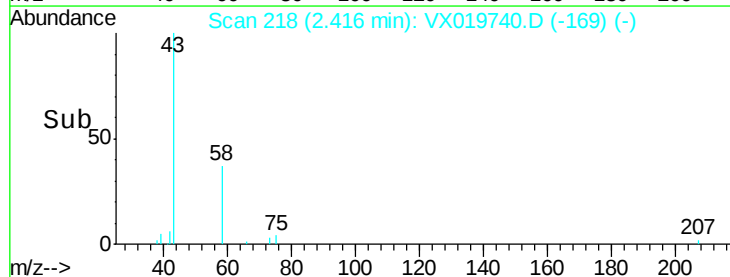
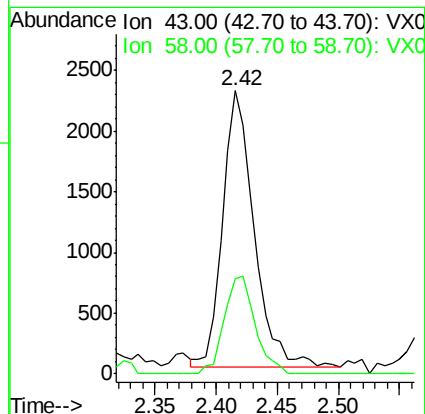
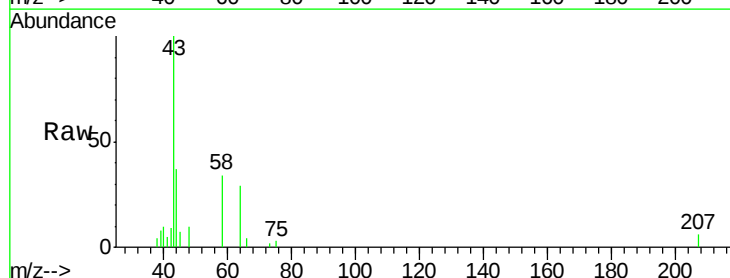
Acq: 05 Dec 2020 00:20

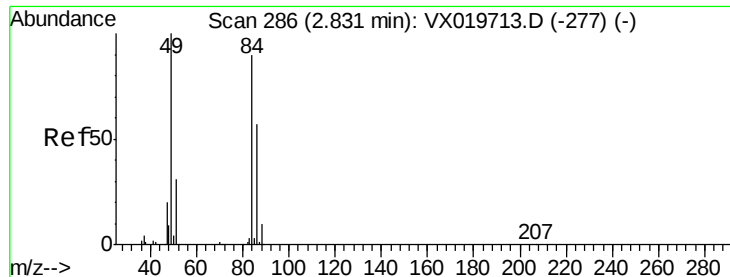
Tgt Ion: 43 Resp: 4021

Ion Ratio Lower Upper

43 100

58 34.4 27.8 41.8





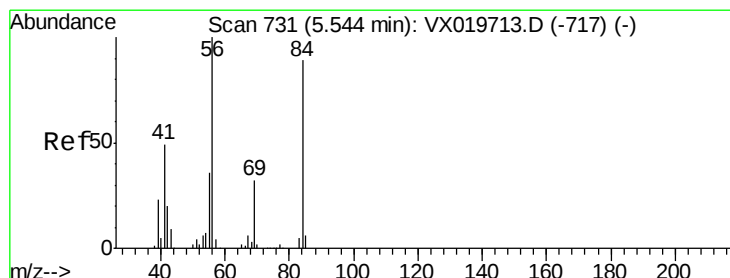
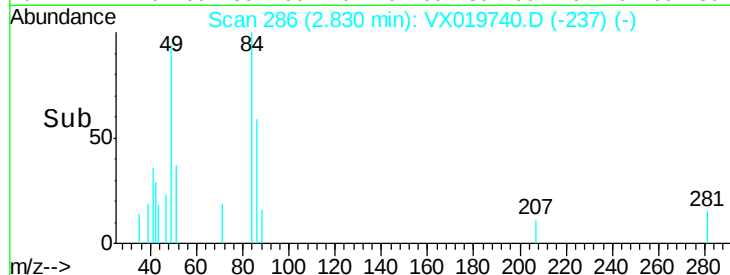
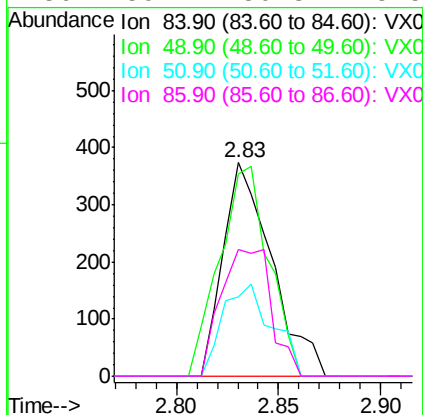
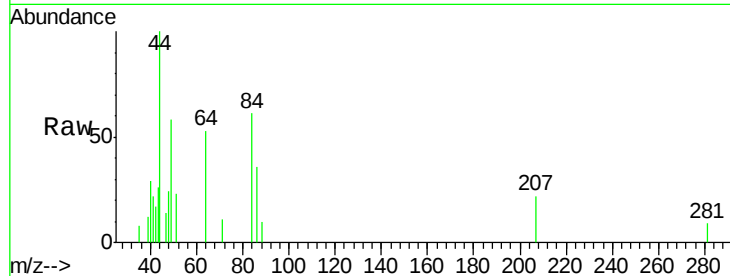
#20

Methvlene Chloride
 Concen: Below Cal
 RT: 2.83 min Scan# 286
 Delta R.T. 0.00 min
 Lab File: VX019740.D
 Acq: 05 Dec 2020 00:20

Instrument :
 MSVOA_X
 ClientSampleId :
 ID039-39-5093-120320

Tot Ion: 84 Resp: 621

Ion	Ratio	Lower	Upper
84	100		
49	94.4	88.6	132.8
51	36.9	27.0	40.6
86	59.4	50.3	75.5

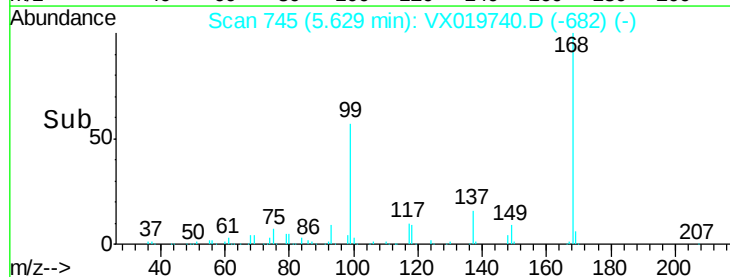
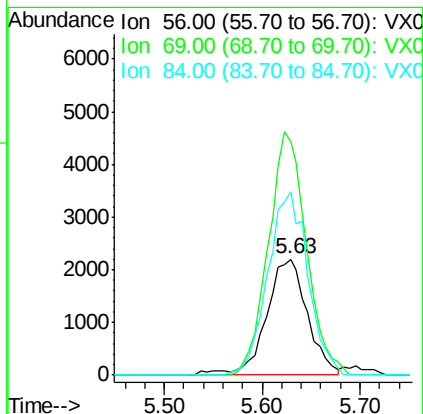
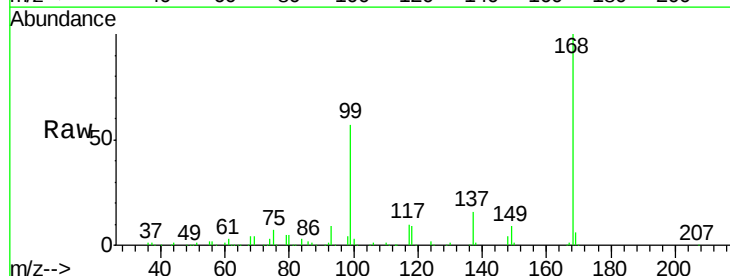


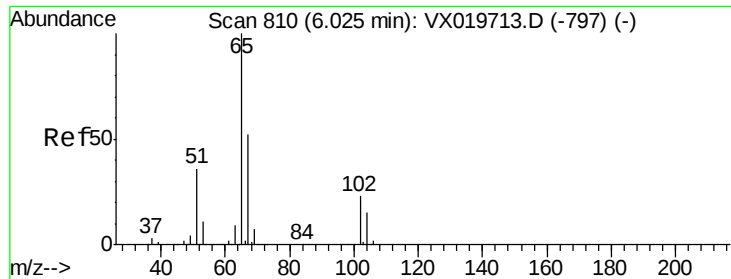
#31

Cyclohexane
 Concen: 1.192 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. 0.08 min
 Lab File: VX019740.D
 Acq: 05 Dec 2020 00:20

Tgt Ion: 56 Resp: 6437

Ion	Ratio	Lower	Upper
56	100		
69	201.5	25.3	37.9#
84	159.0	71.4	107.0#

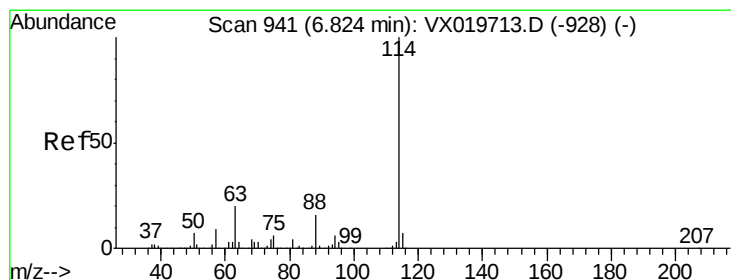
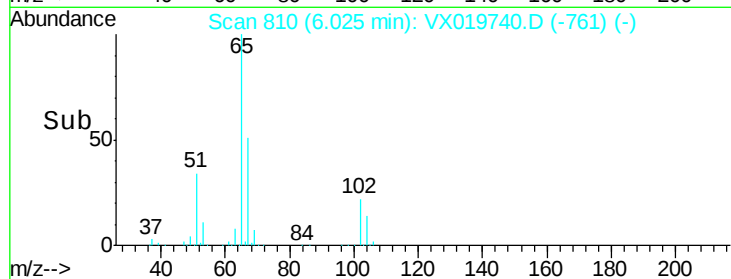
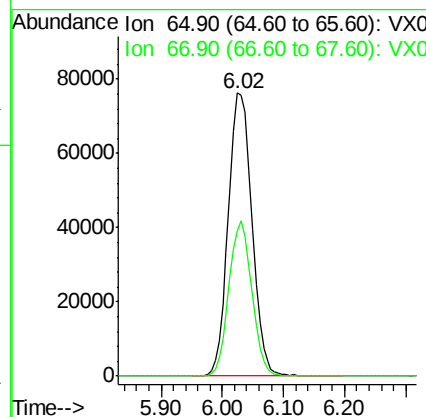
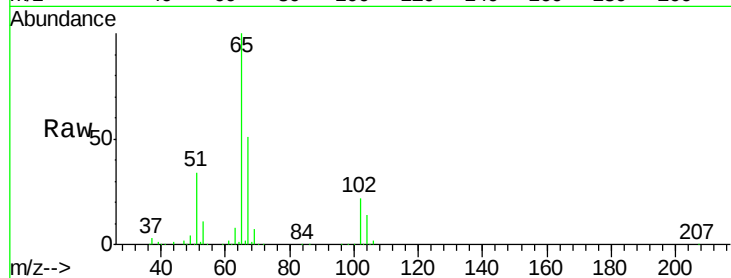




#33
 1,2-Dichloroethane-d4
 Concen: 47.109 ug/l
 RT: 6.02 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: VX019740.D
 Acq: 05 Dec 2020 00:20

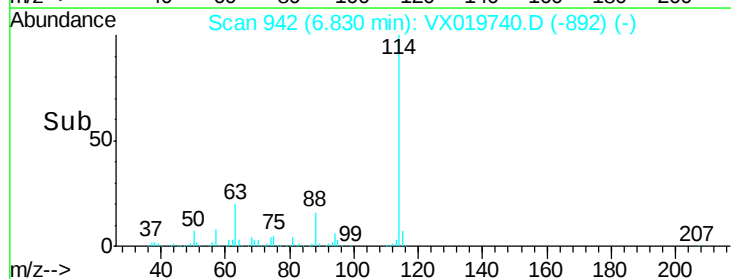
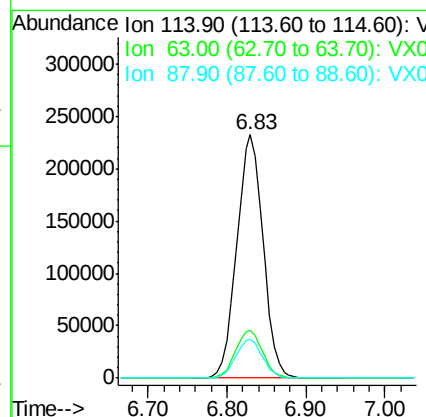
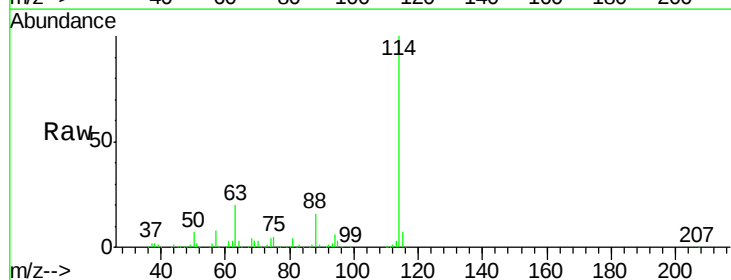
Instrument :
 MSVOA_X
 ClientSampleId :
 ID039-39-5093-120320

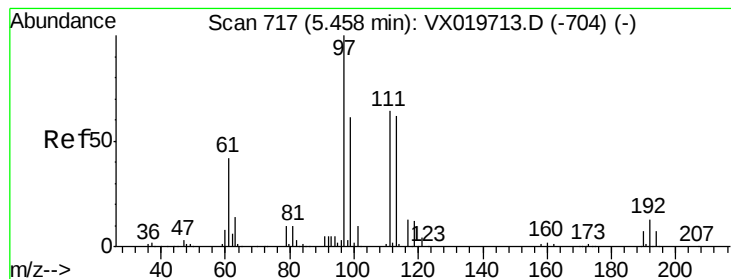
Tot Ion: 65 Resp: 204555
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: VX019740.D
 Acq: 05 Dec 2020 00:20

Tgt Ion: 114 Resp: 539448
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.8
 88 16.0 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.466 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019740.D

Acq: 05 Dec 2020 00:20

Instrument :

MSVOA_X

ClientSampleId :

ID039-39-5093-120320

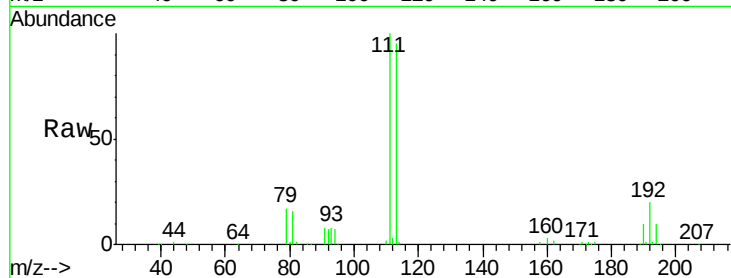
Tot Ion:113 Resp: 165485

Ion Ratio Lower Upper

113 100

111 101.6 81.9 122.9

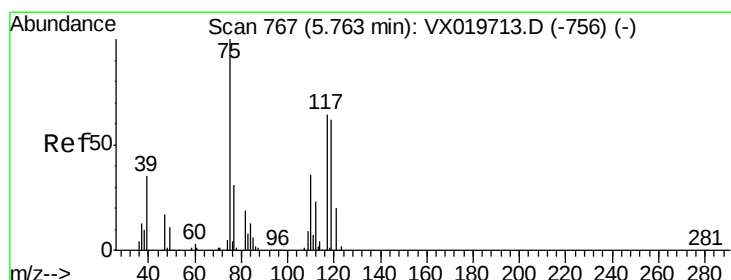
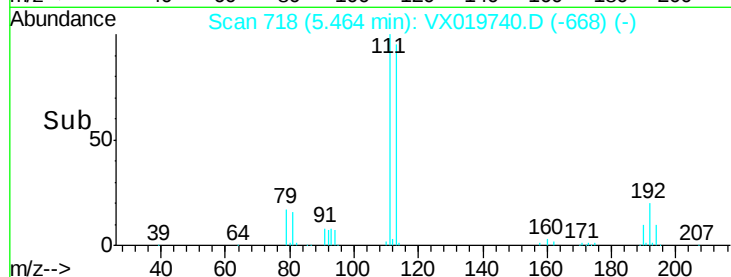
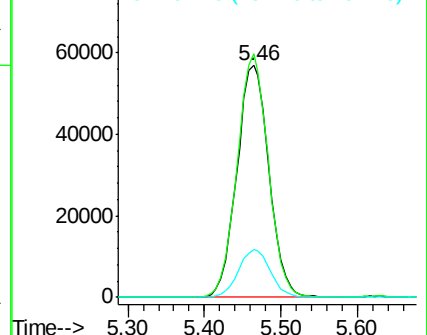
192 20.4 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.032 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.14 min

Lab File: VX019740.D

Acq: 05 Dec 2020 00:20

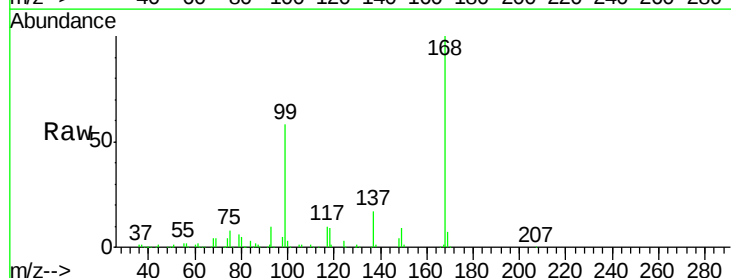
Tgt Ion: 75 Resp: 24529

Ion Ratio Lower Upper

75 100

110 8.9 18.1 54.4#

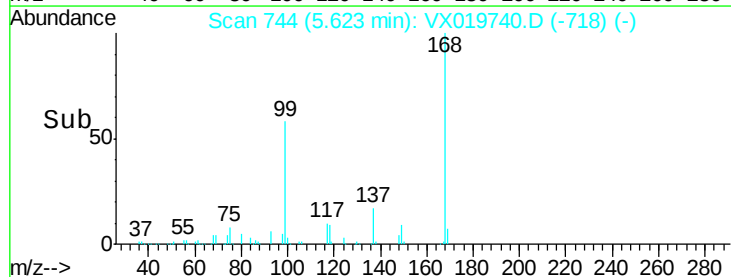
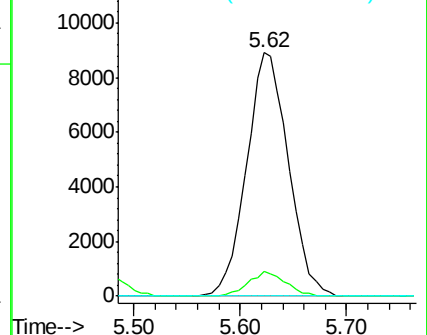
77 0.0 25.3 37.9#

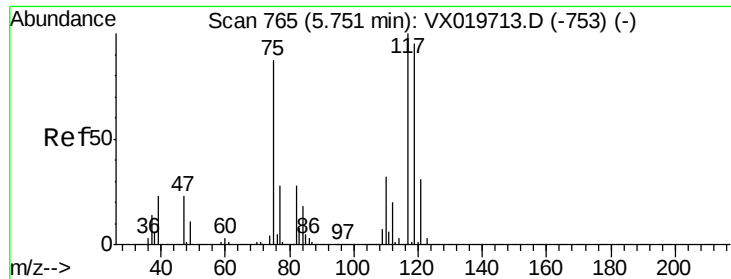


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

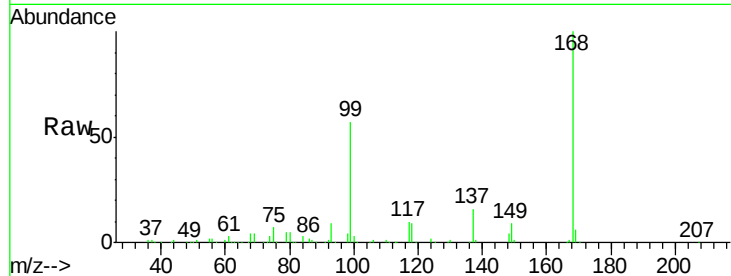




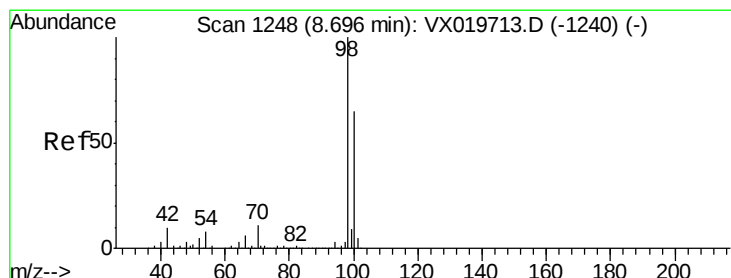
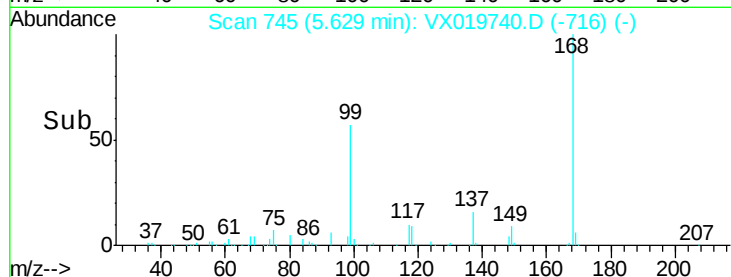
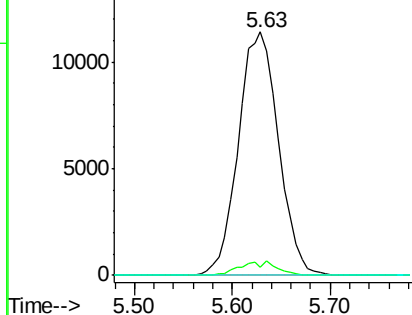
#38
Carbon Tetrachloride
Concen: 6.794 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.12 min
Lab File: VX019740.D
Acq: 05 Dec 2020 00:20

Instrument :
MSVOA_X
ClientSampleId :
ID039-39-5093-120320

Tot Ion:117 Resp: 32433
Ion Ratio Lower Upper
117 100
119 3.6 76.2 114.2#
121 0.0 24.8 37.2#

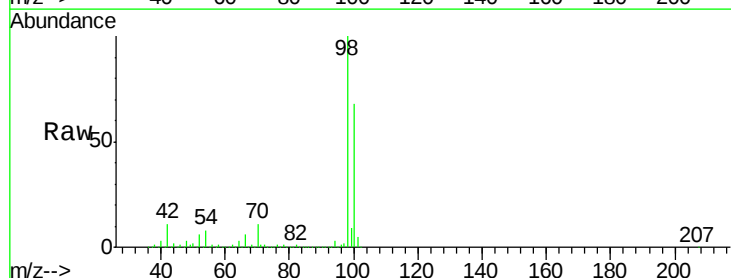


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

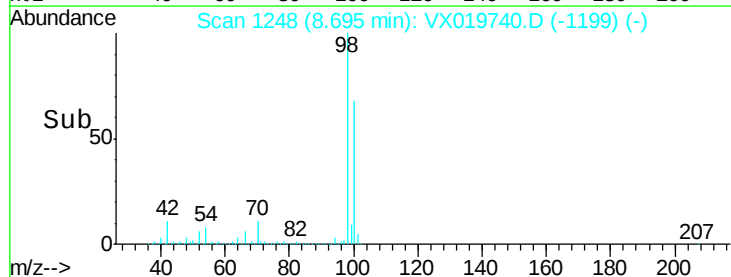
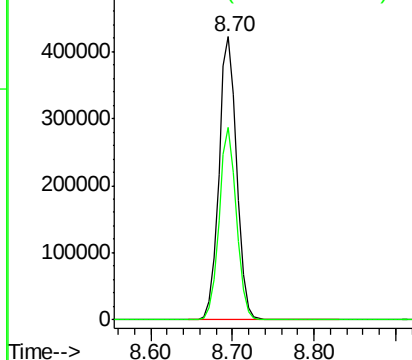


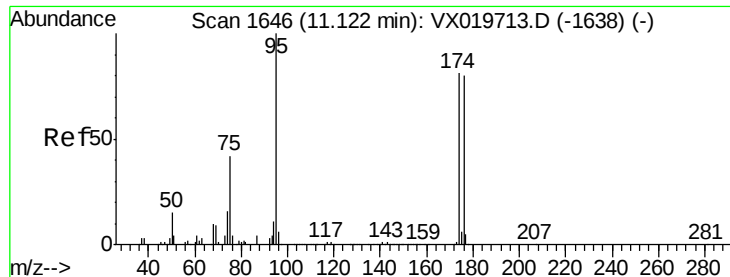
#50
Toluene-d8
Concen: 48.234 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019740.D
Acq: 05 Dec 2020 00:20

Tgt Ion: 98 Resp: 642001
Ion Ratio Lower Upper
98 100
100 66.2 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

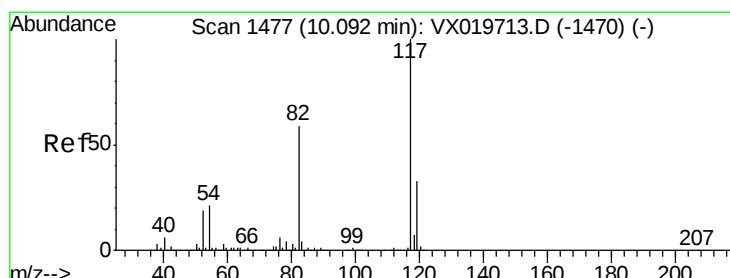
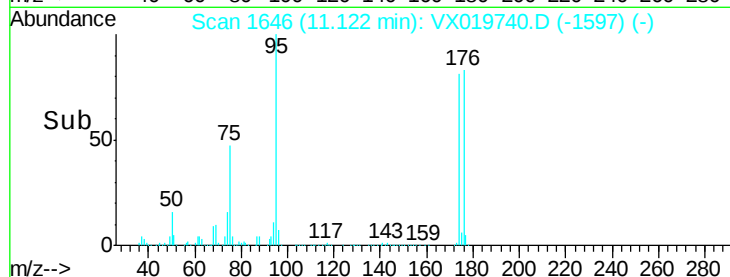
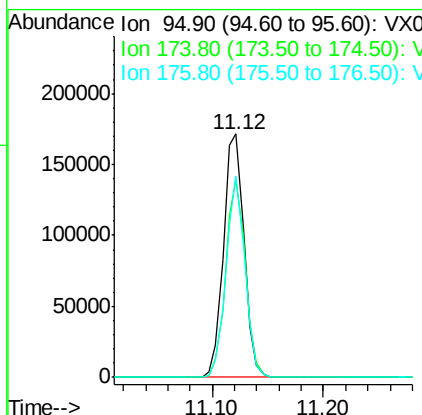
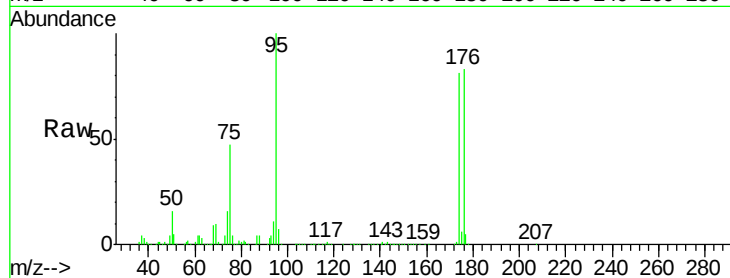




#62
4-Bromofluorobenzene
Concen: 43.275 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019740.D
Acq: 05 Dec 2020 00:20

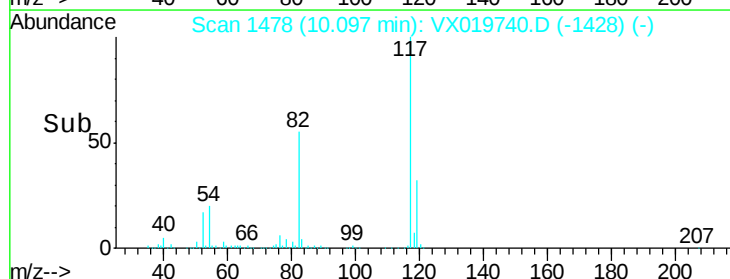
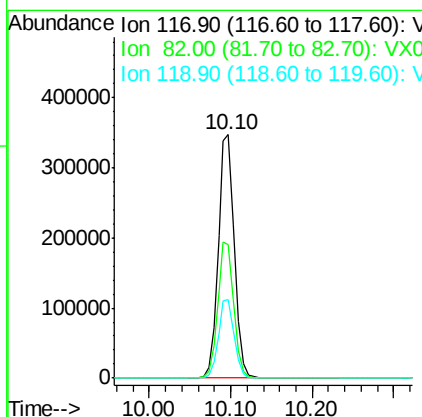
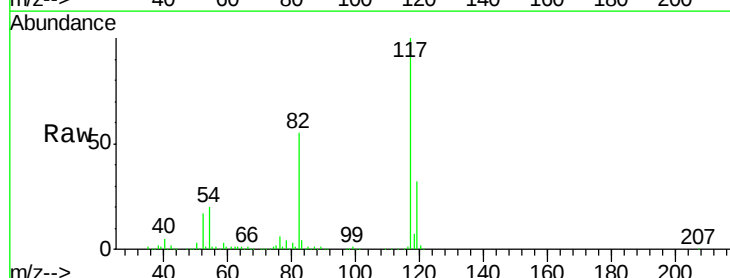
Instrument :
MSVOA_X
ClientSampleId :
ID039-39-5093-120320

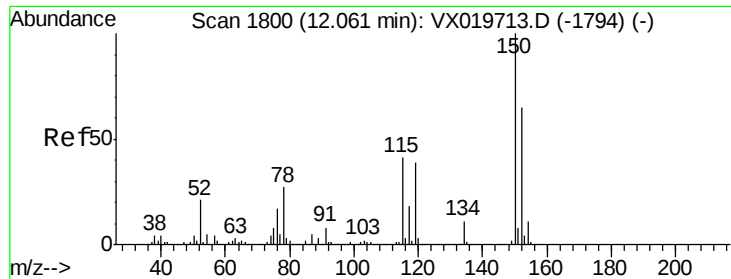
Tot Ion	95	Resp	219230
Ion Ratio	Lower	Upper	
95	100		
174	78.2	0.0	154.6
176	75.9	0.0	155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX019740.D
Acq: 05 Dec 2020 00:20

Tgt Ion	117	Resp	478583
Ion Ratio	Lower	Upper	
117	100		
82	54.6	47.4	71.2
119	32.5	26.6	39.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019740.D

Acq: 05 Dec 2020 00:20

Instrument :

MSVOA_X

ClientSampleId :

ID039-39-5093-120320

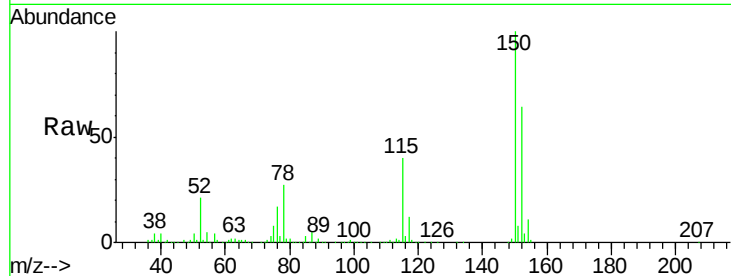
Tot Ion:152 Resp: 195751

Ion Ratio Lower Upper

152 100

115 60.5 41.1 123.3

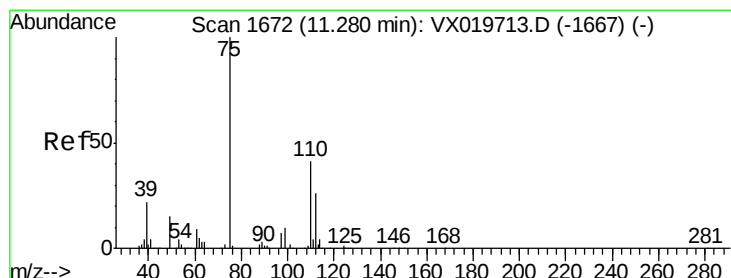
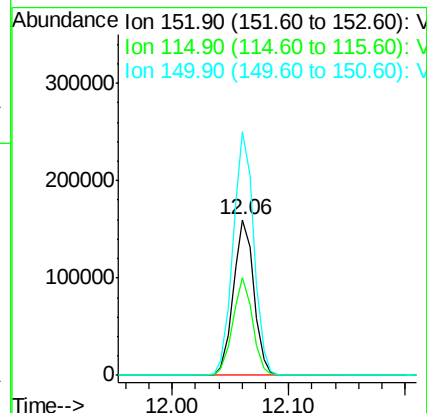
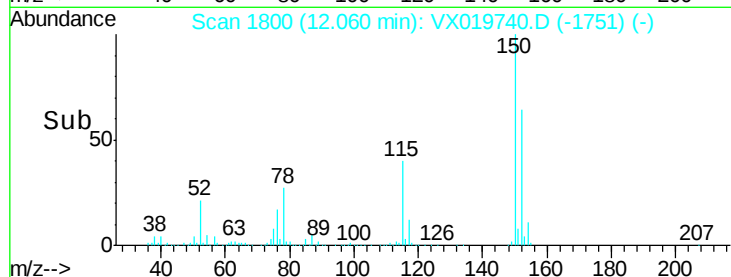
150 157.7 0.0 349.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 24.116 ug/l

RT: 11.12 min Scan# 1645

Delta R.T. -0.17 min

Lab File: VX019740.D

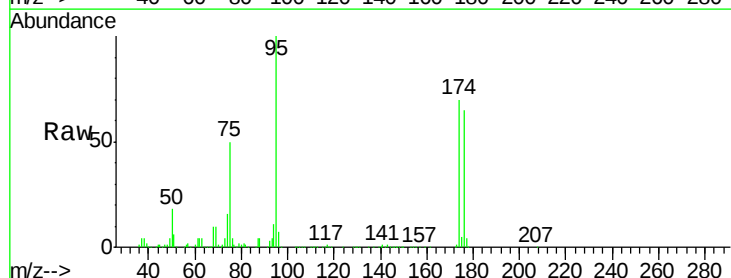
Acq: 05 Dec 2020 00:20

Tgt Ion: 75 Resp: 105877

Ion Ratio Lower Upper

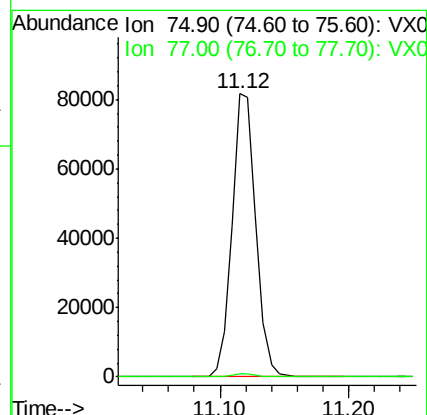
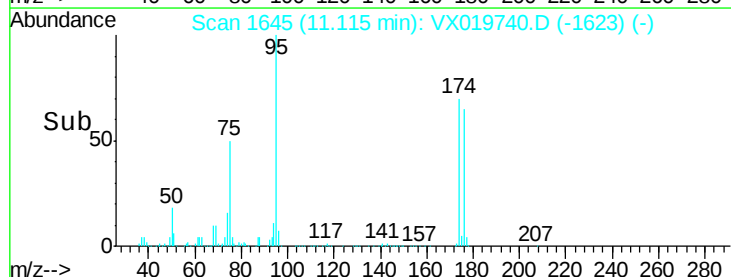
75 100

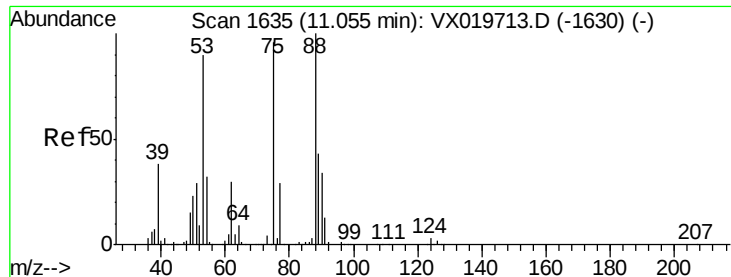
77 1.1 19.1 57.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 69.714 ug/l

RT: 11.12 min Scan# 1645

Delta R.T. 0.06 min

Lab File: VX019740.D

Acq: 05 Dec 2020 00:20

Instrument :

MSVOA_X

ClientSampleId :

ID039-39-5093-120320

Tot Ion: 75 Resp: 105877

Ion Ratio Lower Upper

75 100

53 0.0 74.5 111.7#

89 0.0 37.9 56.9#

