

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121420\
 Data File : VX019981.D
 Acq On : 14 Dec 2020 13:09
 Operator : JC/MD
 Sample : L5059-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CALTANK2-20201209

Quant Time: Dec 15 00:22:21 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	306499	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	499151	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	459111	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	189115	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	193103	47.94	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.88%		
35) Dibromofluoromethane	5.46	113	156096	48.39	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.78%		
50) Toluene-d8	8.70	98	608772	49.43	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.86%		
62) 4-Bromofluorobenzene	11.12	95	209757	44.75	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	89.50%		

Target Compounds

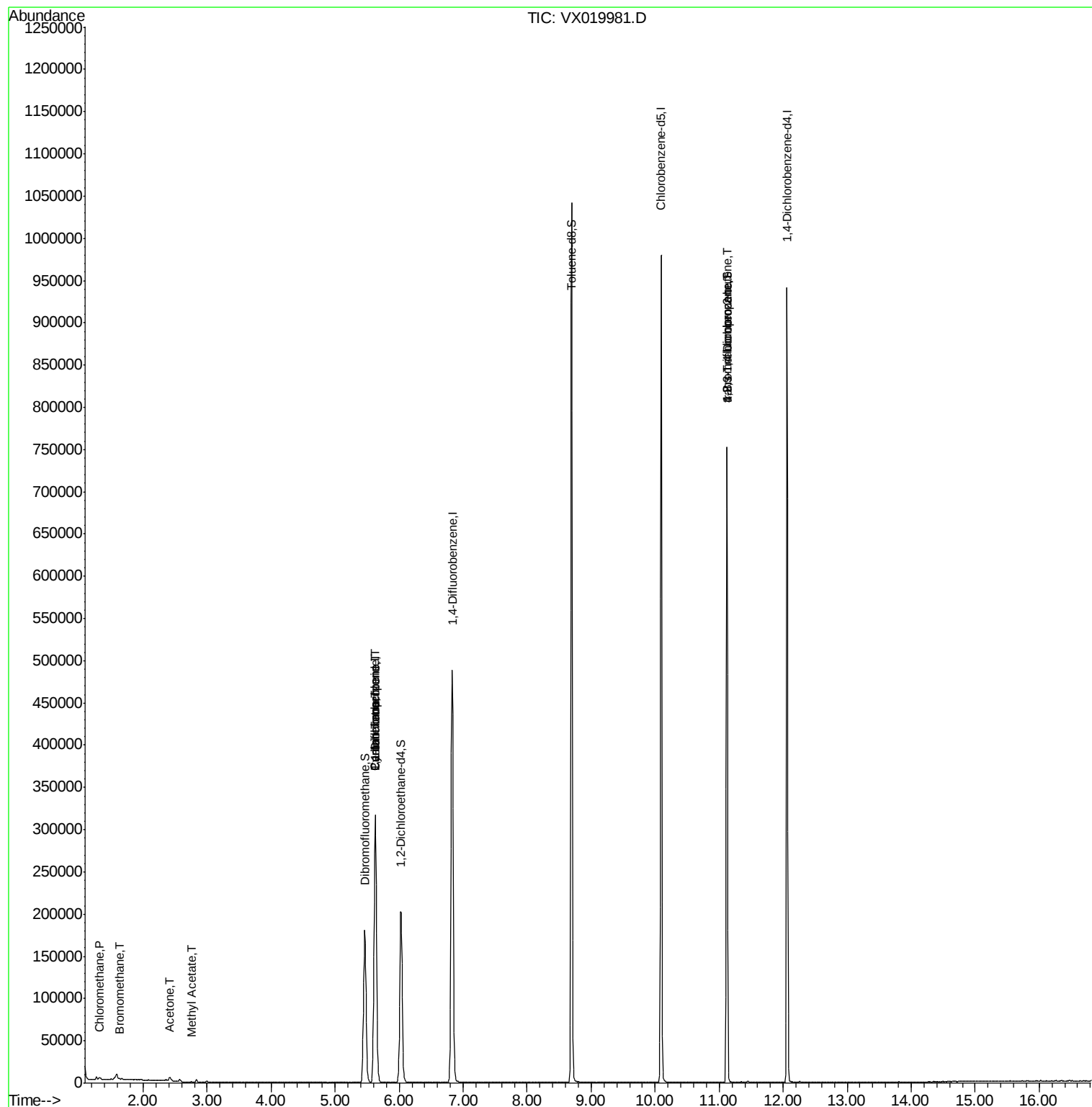
					Qvalue	
3) Chloromethane	1.31	50	856	0.259 ug/l	#	79
5) Bromomethane	1.64	94	459	0.397 ug/l		100
11) Tert butyl alcohol	3.00	59	568	Below Cal	#	73
16) Acetone	2.42	43	3775	2.493 ug/l		99
18) Methyl Acetate	2.75	43	894	0.241 ug/l	#	71
20) Methylene Chloride	2.83	84	1312	Below Cal	#	87
31) Cyclohexane	5.63	56	5860	1.169 ug/l	#	1
36) 1,1-Dichloropropene	5.62	75	23335	5.173 ug/l	#	48
38) Carbon Tetrachloride	5.63	117	29763	6.738 ug/l	#	17
76) 1,2,3-Trichloropropane	11.12	75	100370	23.664 ug/l	#	39
81) trans-1,4-Dichloro-2-buten	11.12	75	100370	68.407 ug/l	#	12

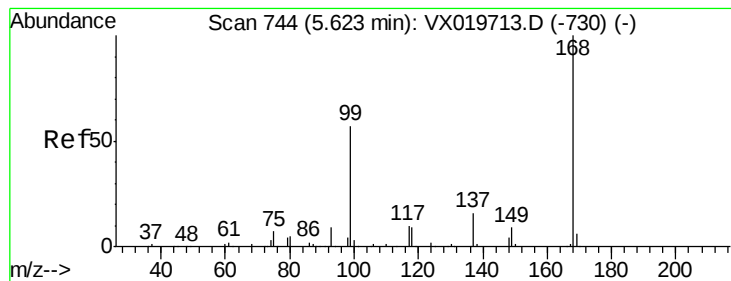
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX121420\
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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: VX019981.D

Acq: 14 Dec 2020 13:09

Instrument :

MSVOA_X

ClientSampleId :

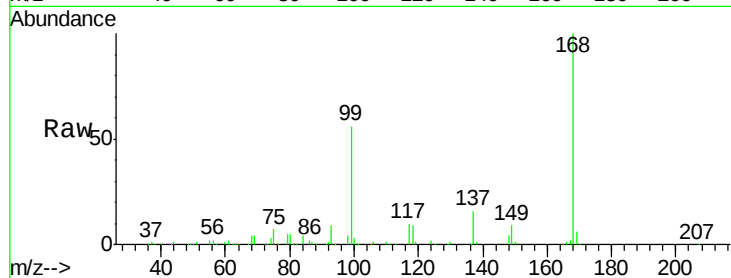
CALTANK2-20201209

Tgt Ion: 168 Resp: 306499

Ion Ratio Lower Upper

168 100

99 56.0 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

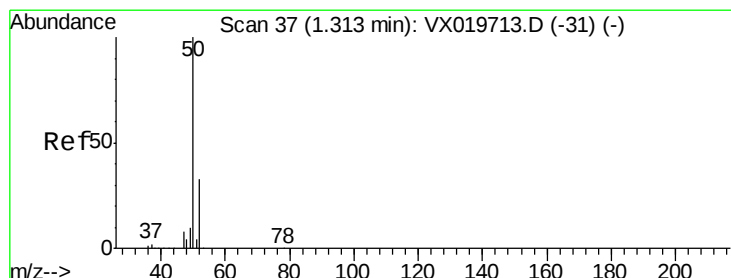
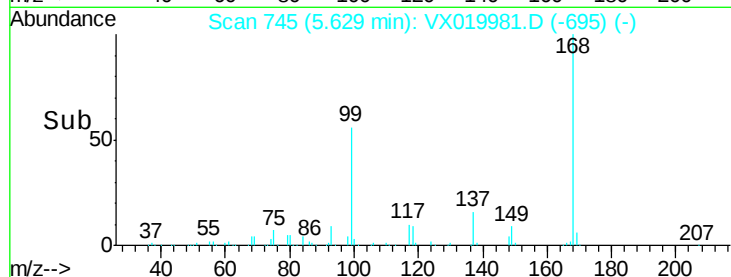
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.259 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019981.D

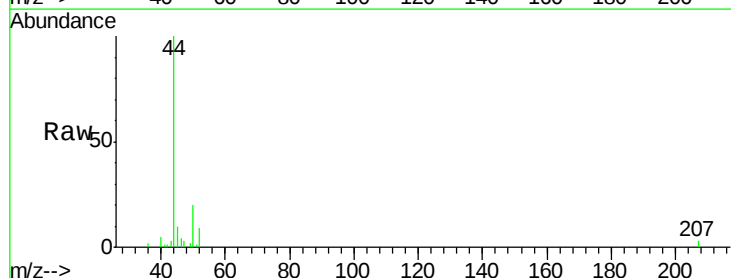
Acq: 14 Dec 2020 13:09

Tgt Ion: 50 Resp: 856

Ion Ratio Lower Upper

50 100

52 44.6 26.4 39.6#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

1000

800

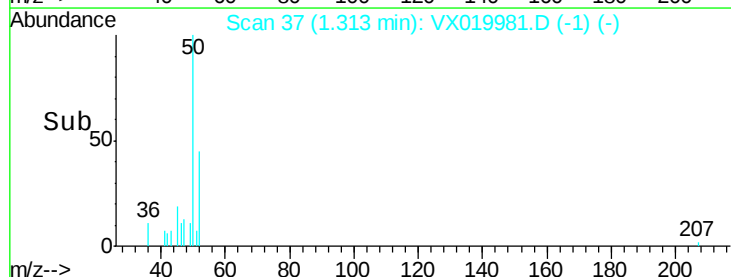
600

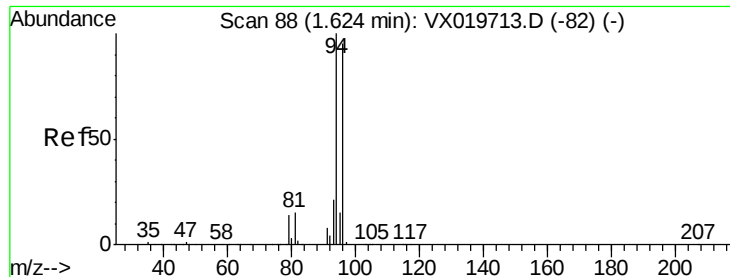
400

200

0

Time-->





#5

Bromomethane

Concen: 0.397 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX019981.D

Acq: 14 Dec 2020 13:09

Instrument :

MSVOA_X

ClientSampleId :

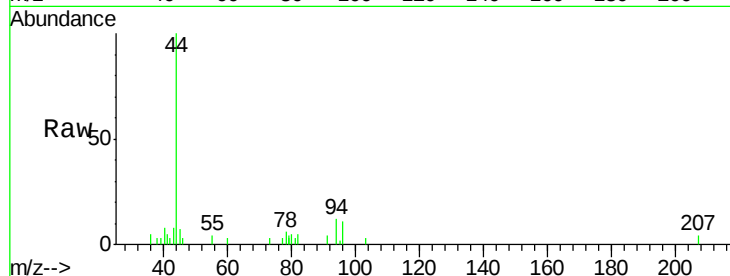
CALTANK2-20201209

Tgt Ion: 94 Resp: 459

Ion Ratio Lower Upper

94 100

96 95.7 76.4 114.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

250

200

150

100

50

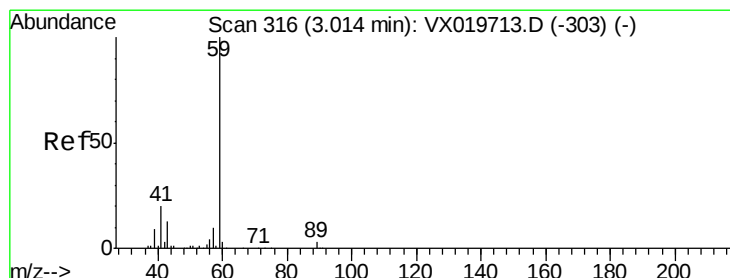
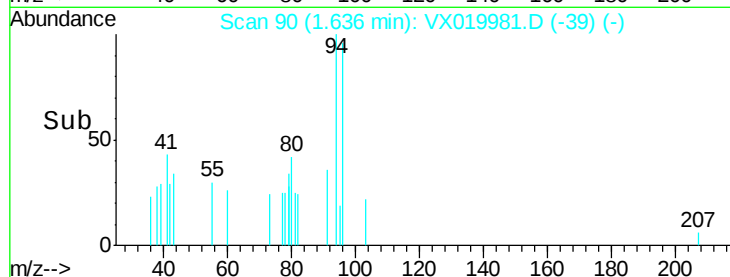
0

1.60

1.65

1.70

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 3.00 min Scan# 313

Delta R.T. -0.02 min

Lab File: VX019981.D

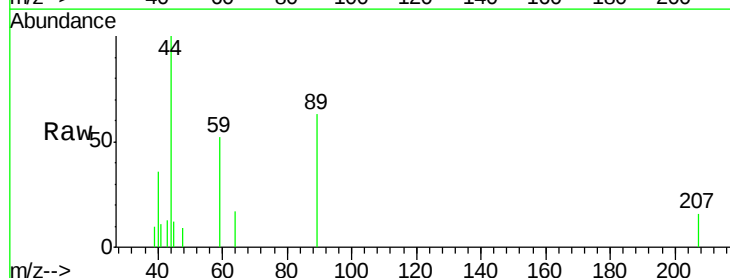
Acq: 14 Dec 2020 13:09

Tgt Ion: 59 Resp: 568

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.00

300

200

100

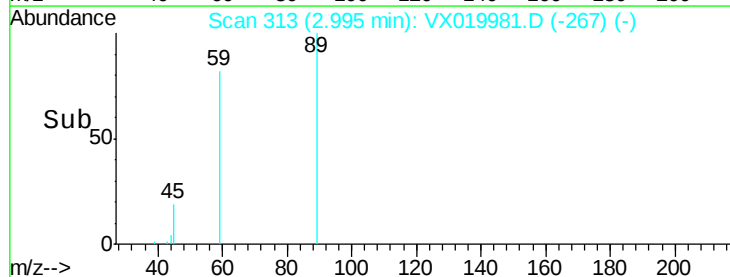
0

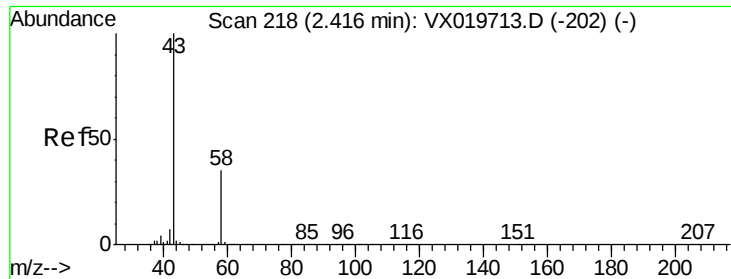
2.95

3.00

3.05

Time-->





#16

Acetone

Concen: 2.493 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX019981.D

Acq: 14 Dec 2020 13:09

Instrument :

MSVOA_X

ClientSampleId :

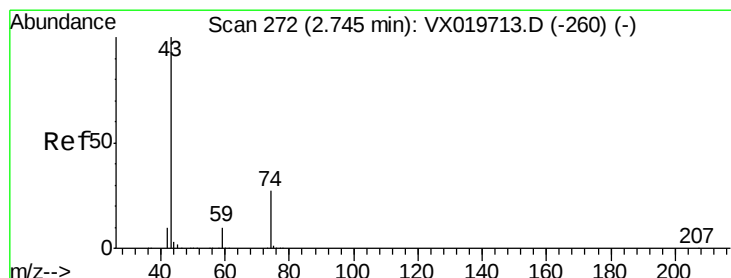
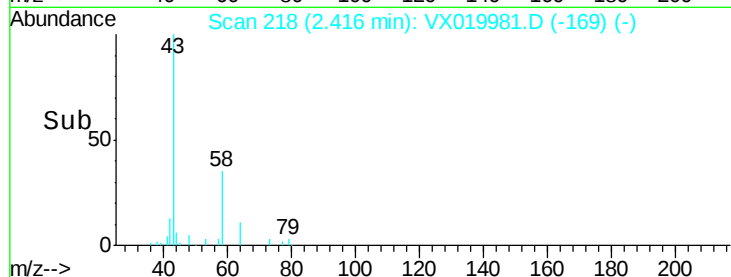
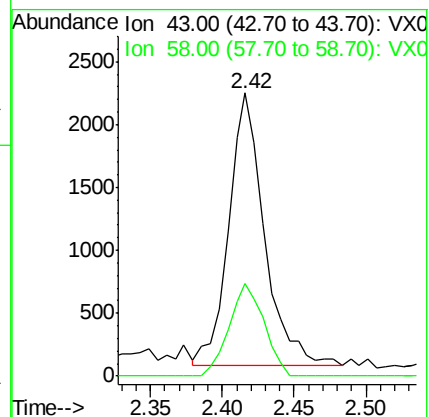
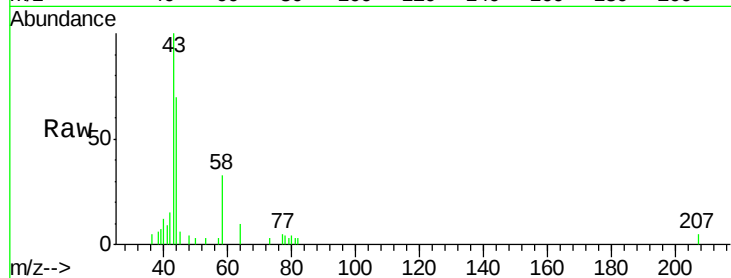
CALTANK2-20201209

Tgt Ion: 43 Resp: 3775

Ion Ratio Lower Upper

43 100

58 34.0 27.8 41.8



#18

Methyl Acetate

Concen: 0.241 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.01 min

Lab File: VX019981.D

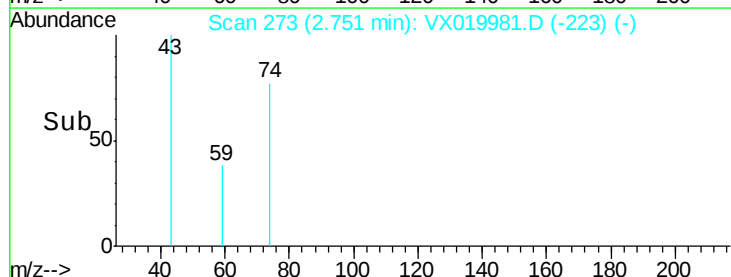
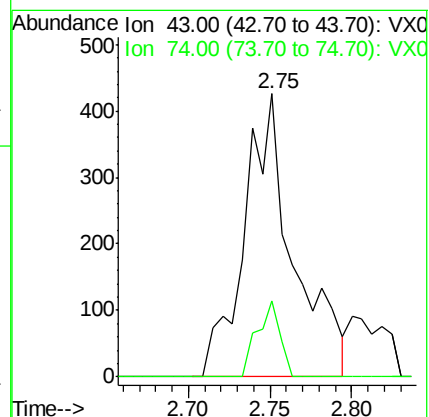
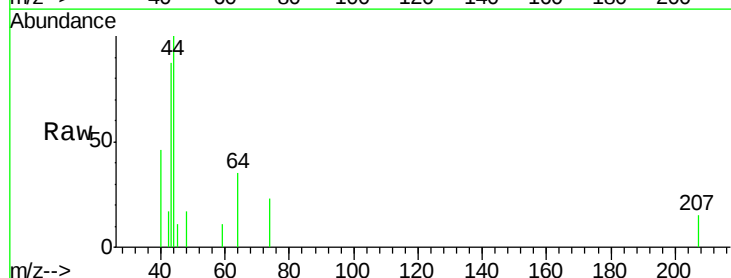
Acq: 14 Dec 2020 13:09

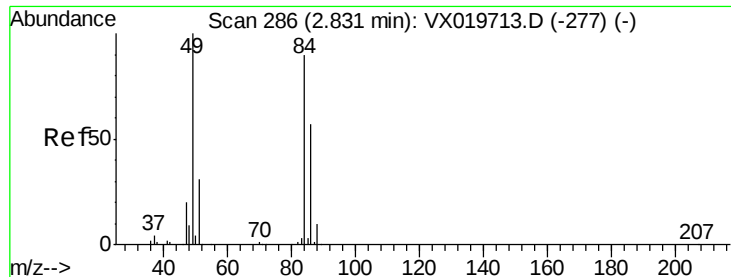
Tgt Ion: 43 Resp: 894

Ion Ratio Lower Upper

43 100

74 12.4 21.9 32.9#

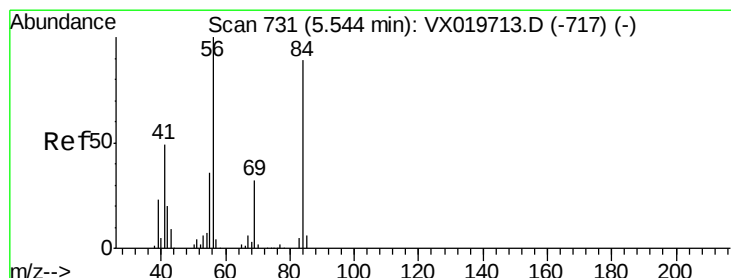
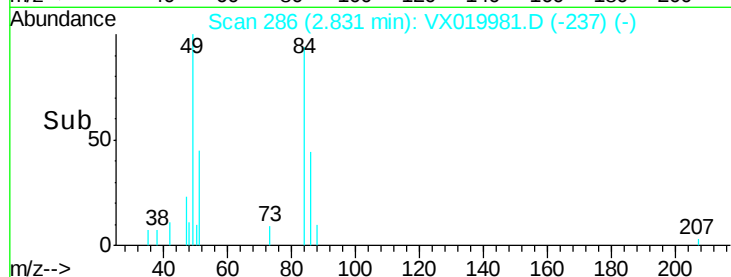
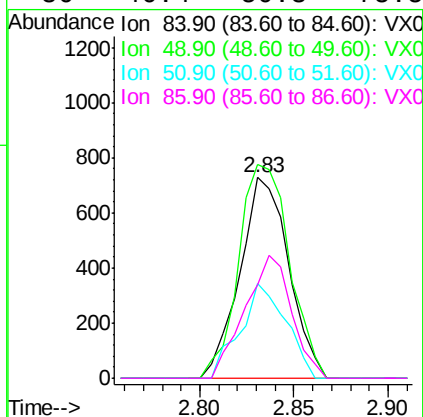
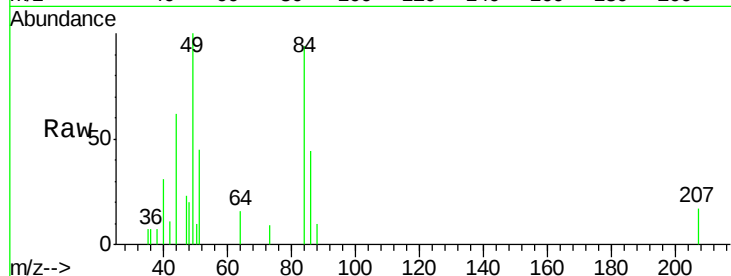




#20
Methylene Chloride
Concen: Below Cal
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019981.D
Acq: 14 Dec 2020 13:09

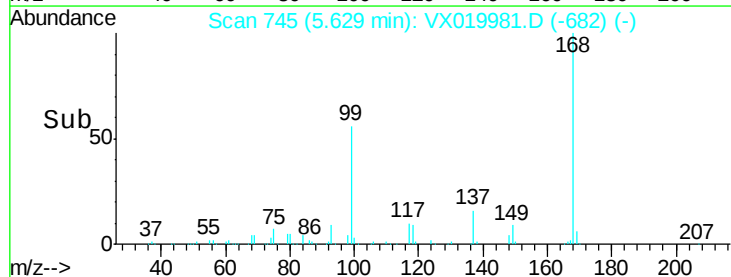
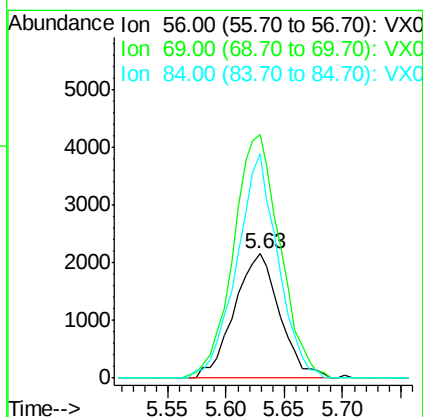
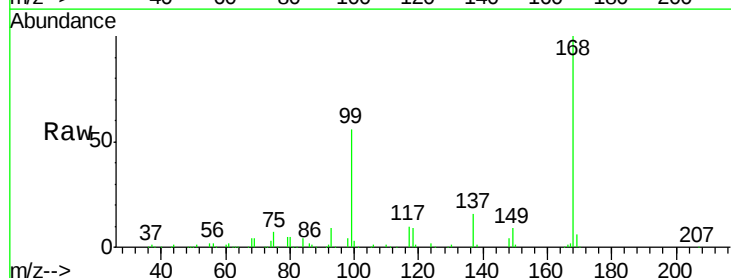
Instrument :
MSVOA_X
ClientSampleId :
CALTANK2-20201209

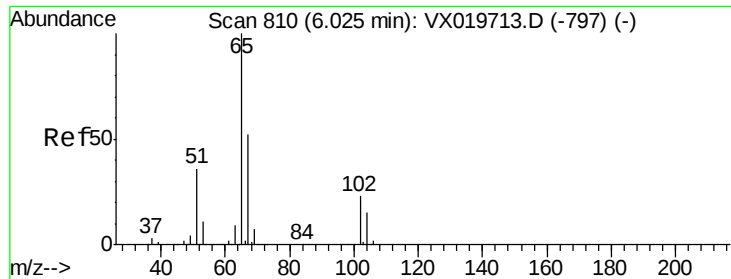
Tgt Ion:	84	Resp:	1312
Ion	Ratio	Lower	Upper
84	100		
49	106.3	88.6	132.8
51	47.5	27.0	40.6#
86	46.4	50.3	75.5#



#31
Cyclohexane
Concen: 1.169 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.09 min
Lab File: VX019981.D
Acq: 14 Dec 2020 13:09

Tgt Ion:	56	Resp:	5860
Ion	Ratio	Lower	Upper
56	100		
69	195.6	25.3	37.9#
84	180.8	71.4	107.0#

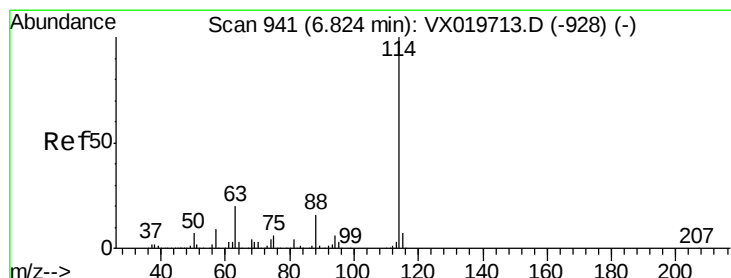
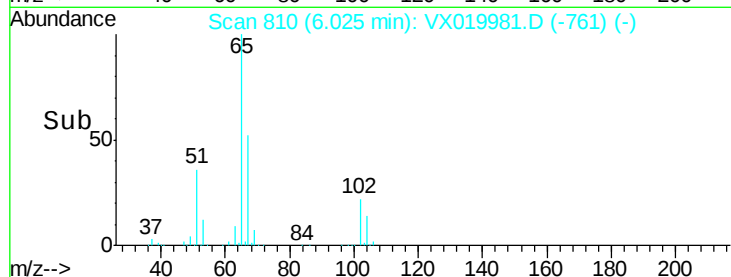
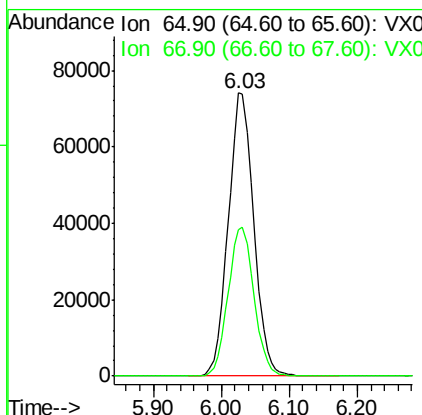
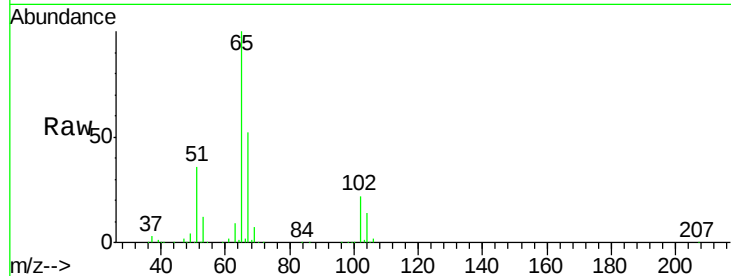




#33
 1,2-Dichloroethane-d4
 Concen: 47.937 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: VX019981.D
 Acq: 14 Dec 2020 13:09

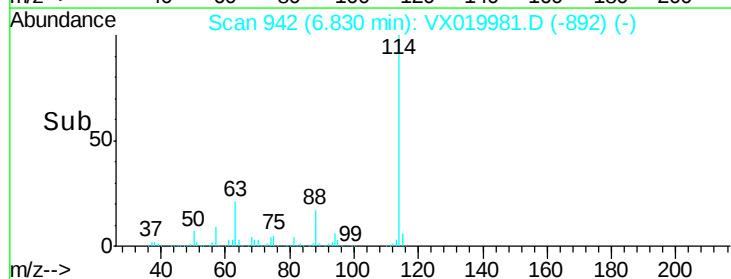
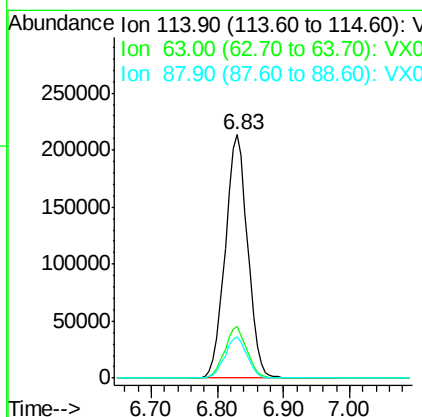
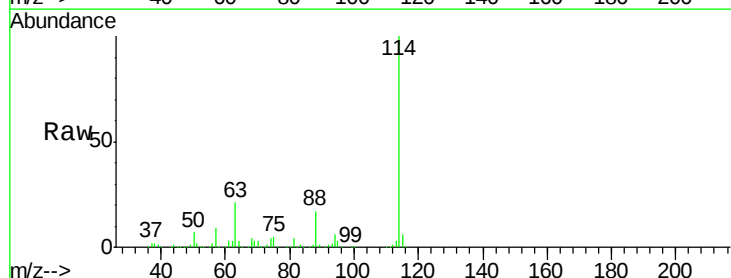
Instrument :
 MSVOA_X
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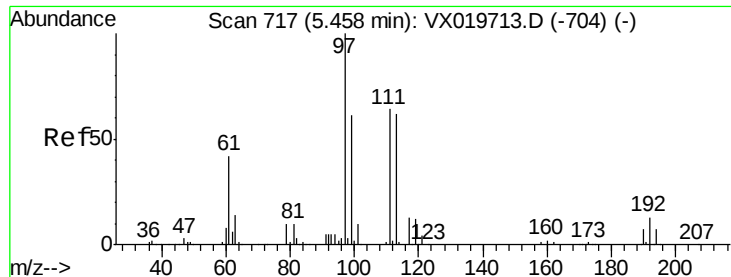
Tgt Ion: 65 Resp: 193103
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: VX019981.D
 Acq: 14 Dec 2020 13:09

Tgt Ion: 114 Resp: 499151
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 40.8
 88 16.9 0.0 32.8

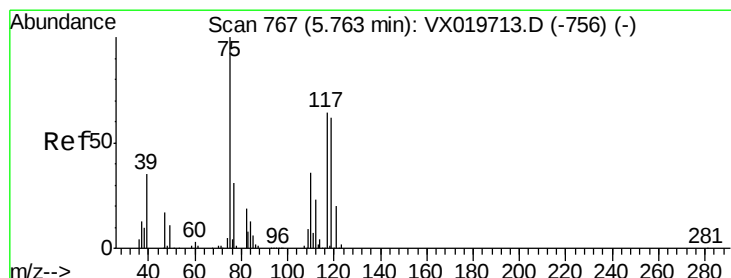
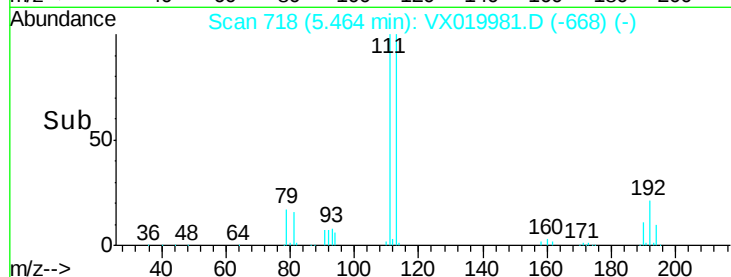
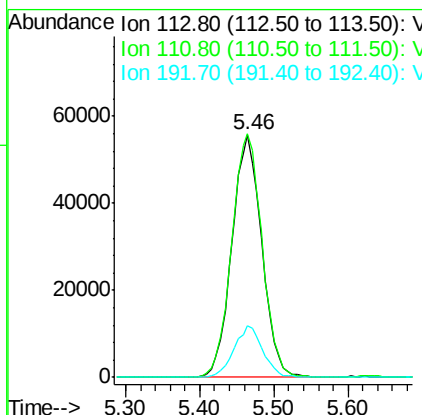
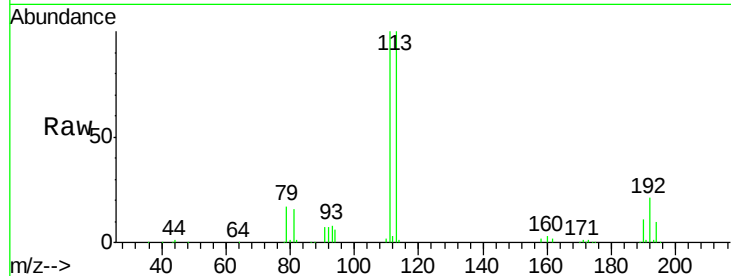




#35
 Dibromofluoromethane
 Concen: 48.388 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.01 min
 Lab File: VX019981.D
 Acq: 14 Dec 2020 13:09

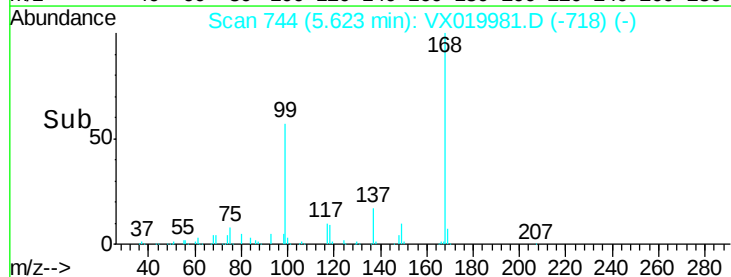
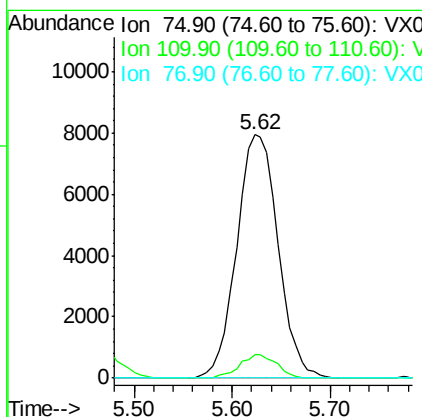
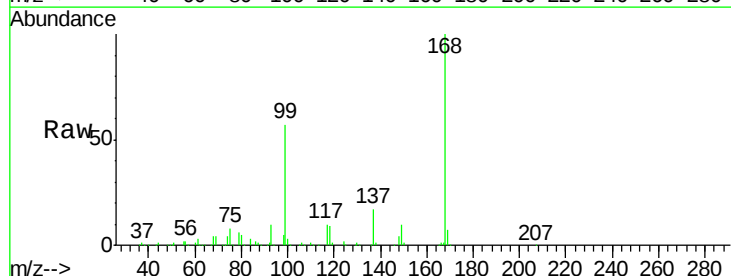
Instrument :
 MSVOA_X
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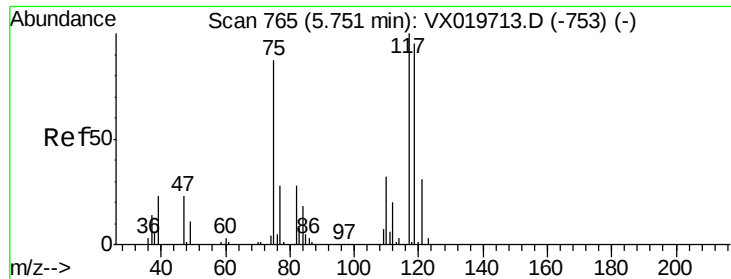
Tgt Ion:113 Resp: 156096
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.9 122.9
 192 20.5 16.7 25.1



#36
 1,1-Dichloropropene
 Concen: 5.173 ug/l
 RT: 5.62 min Scan# 744
 Delta R.T. -0.14 min
 Lab File: VX019981.D
 Acq: 14 Dec 2020 13:09

Tgt Ion: 75 Resp: 23335
 Ion Ratio Lower Upper
 75 100
 110 8.7 18.1 54.4#
 77 0.0 25.3 37.9#

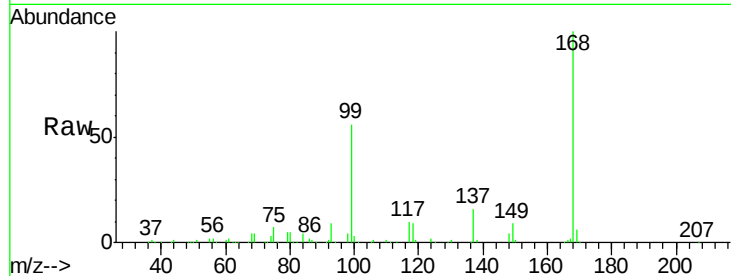




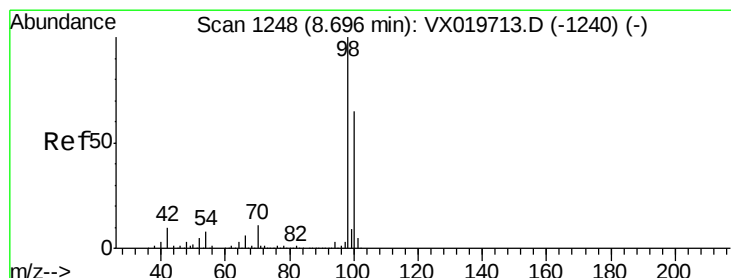
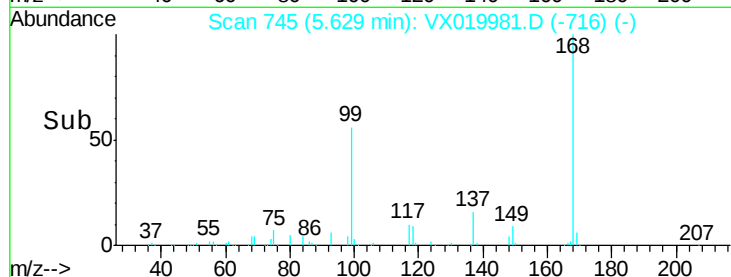
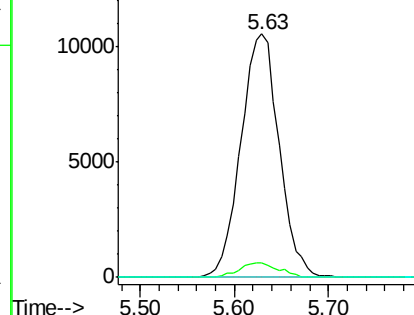
#38
Carbon Tetrachloride
Concen: 6.738 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.12 min
Lab File: VX019981.D
Acq: 14 Dec 2020 13:09

Instrument :
MSVOA_X
ClientSampleId :
CALTANK2-20201209

Tgt Ion: 117 Resp: 29763
Ion Ratio Lower Upper
117 100
119 6.1 76.2 114.2#
121 0.0 24.8 37.2#

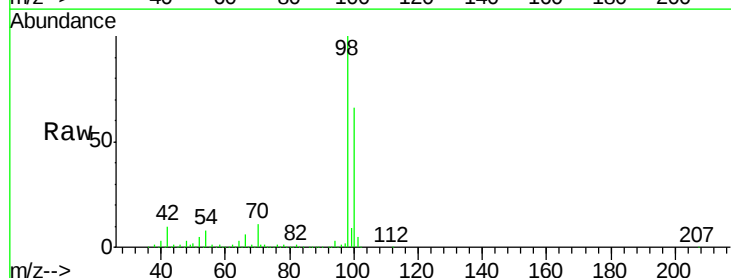


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

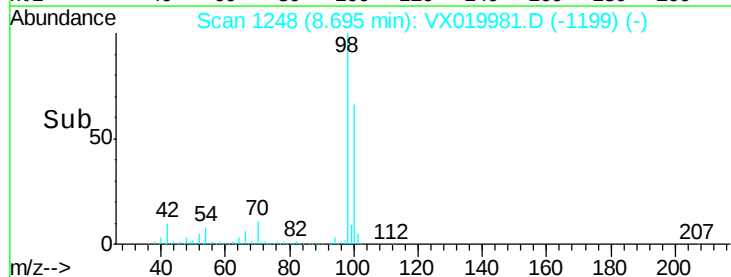
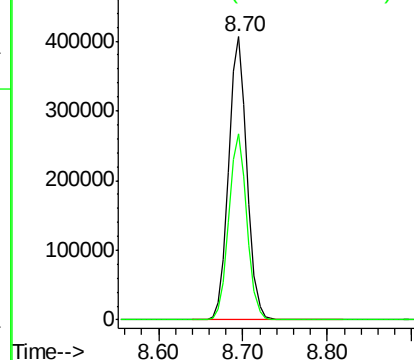


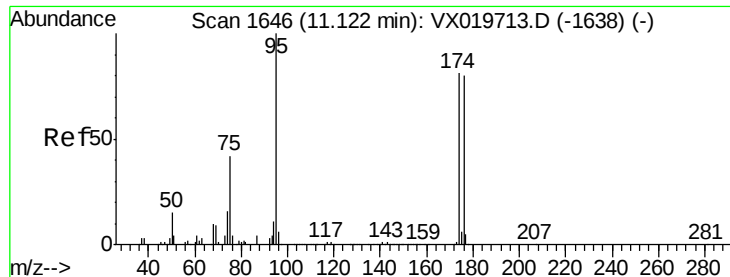
#50
Toluene-d8
Concen: 49.430 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019981.D
Acq: 14 Dec 2020 13:09

Tgt Ion: 98 Resp: 608772
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9



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

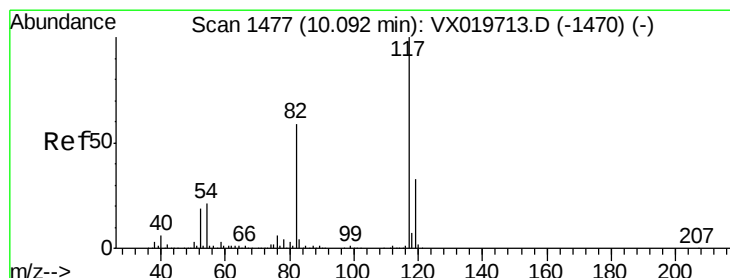
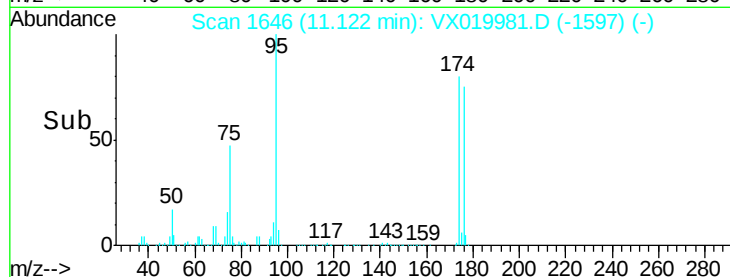
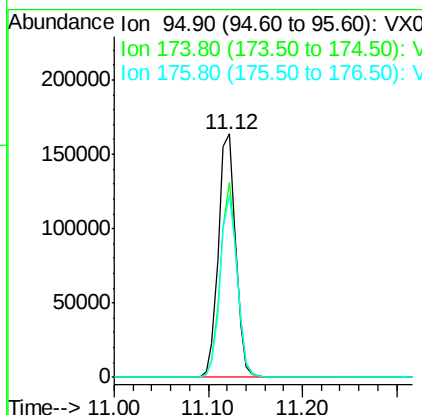
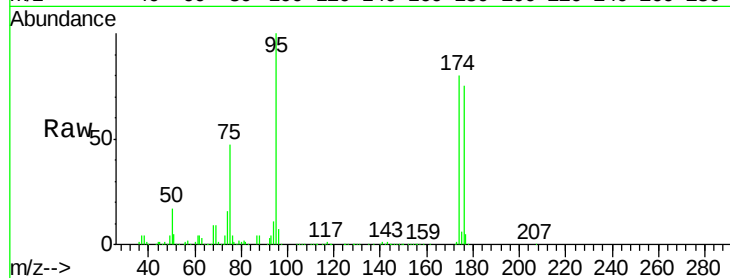




#62
4-Bromofluorobenzene
Concen: 44.748 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019981.D
Acq: 14 Dec 2020 13:09

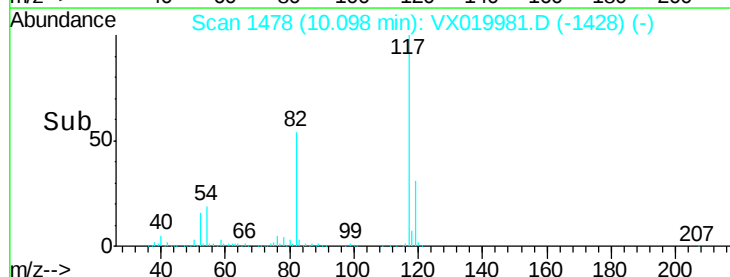
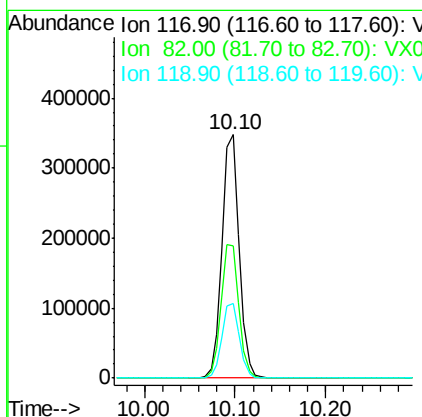
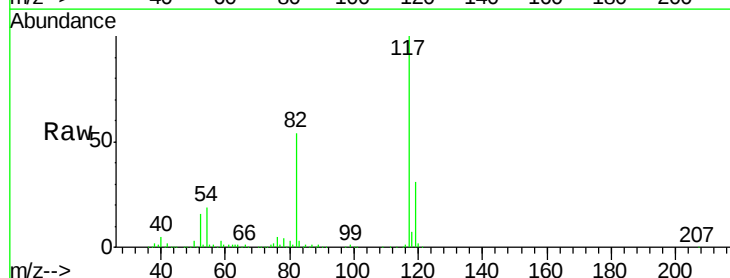
Instrument :
MSVOA_X
ClientSampleId :
CALTANK2-20201209

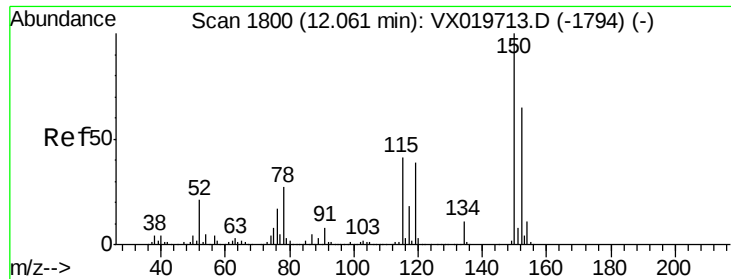
Tgt Ion: 95 Resp: 209757
Ion Ratio Lower Upper
95 100
174 76.7 0.0 154.6
176 73.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX019981.D
Acq: 14 Dec 2020 13:09

Tgt Ion: 117 Resp: 459111
Ion Ratio Lower Upper
117 100
82 54.1 47.4 71.2
119 30.8 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: VX019981.D

Acq: 14 Dec 2020 13:09

Instrument :

MSVOA_X

ClientSampleId :

CALTANK2-20201209

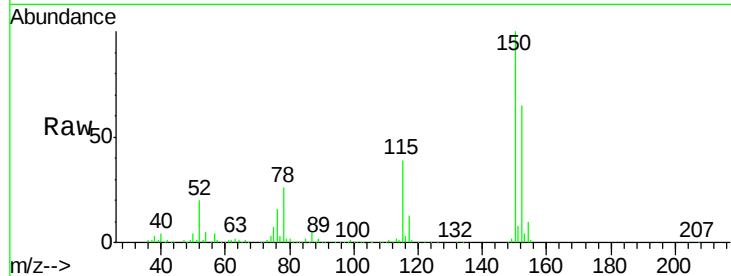
Tgt Ion:152 Resp: 189115

Ion Ratio Lower Upper

152 100

115 61.1 41.1 123.3

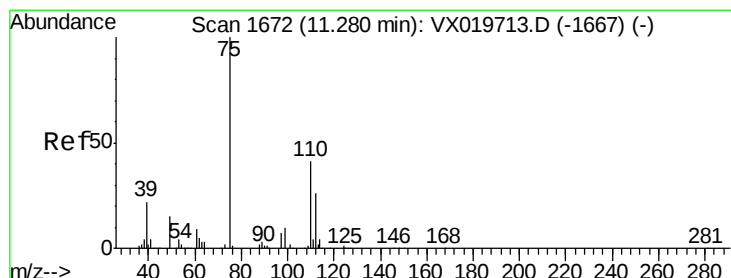
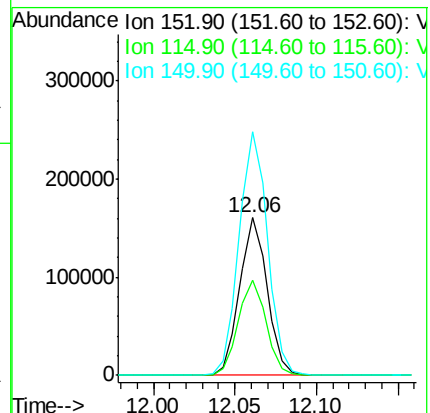
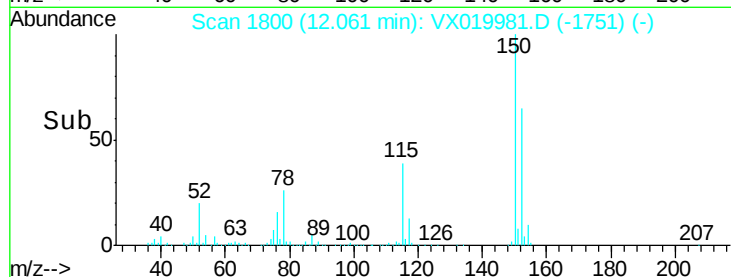
150 159.9 0.0 349.0



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: 23.664 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX019981.D

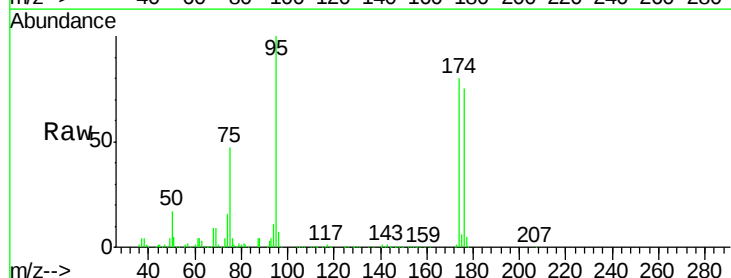
Acq: 14 Dec 2020 13:09

Tgt Ion: 75 Resp: 100370

Ion Ratio Lower Upper

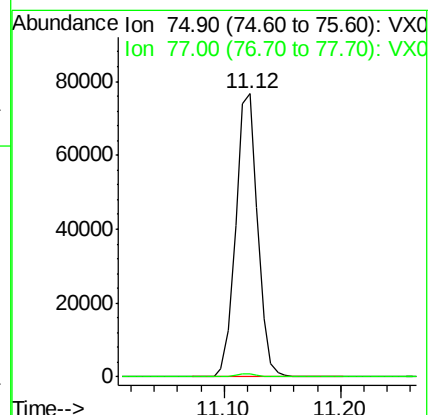
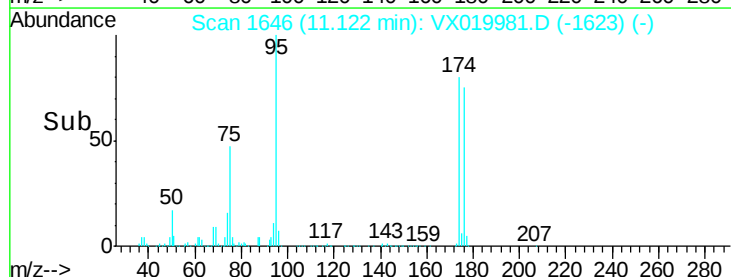
75 100

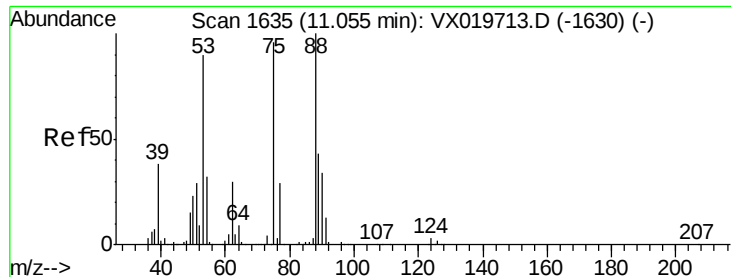
77 1.2 19.1 57.5#



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: 68.407 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.07 min

Lab File: VX019981.D

Acq: 14 Dec 2020 13:09

Instrument :

MSVOA_X

ClientSampleId :

CALTANK2-20201209

Tgt Ion: 75 Resp: 100370

Ion Ratio Lower Upper

75 100

53 0.0 74.5 111.7#

89 0.0 37.9 56.9#

