

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100319\
 Data File : VX012784.D
 Acq On : 03 Oct 2019 15:26
 Operator : JC/SP
 Sample : K5157-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0538

Quant Time: Oct 04 07:17:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	172575	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	298795	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	259649	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	101770	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	121657	48.41	ug/l	0.00
Spiked Amount			Recovery	=	96.82%	
35) Dibromofluoromethane	5.49	113	91434	51.38	ug/l	0.00
Spiked Amount			Recovery	=	102.76%	
50) Toluene-d8	8.71	98	354648	51.75	ug/l	0.00
Spiked Amount			Recovery	=	103.50%	
62) 4-Bromofluorobenzene	11.14	95	124647	46.26	ug/l	0.00
Spiked Amount			Recovery	=	92.52%	

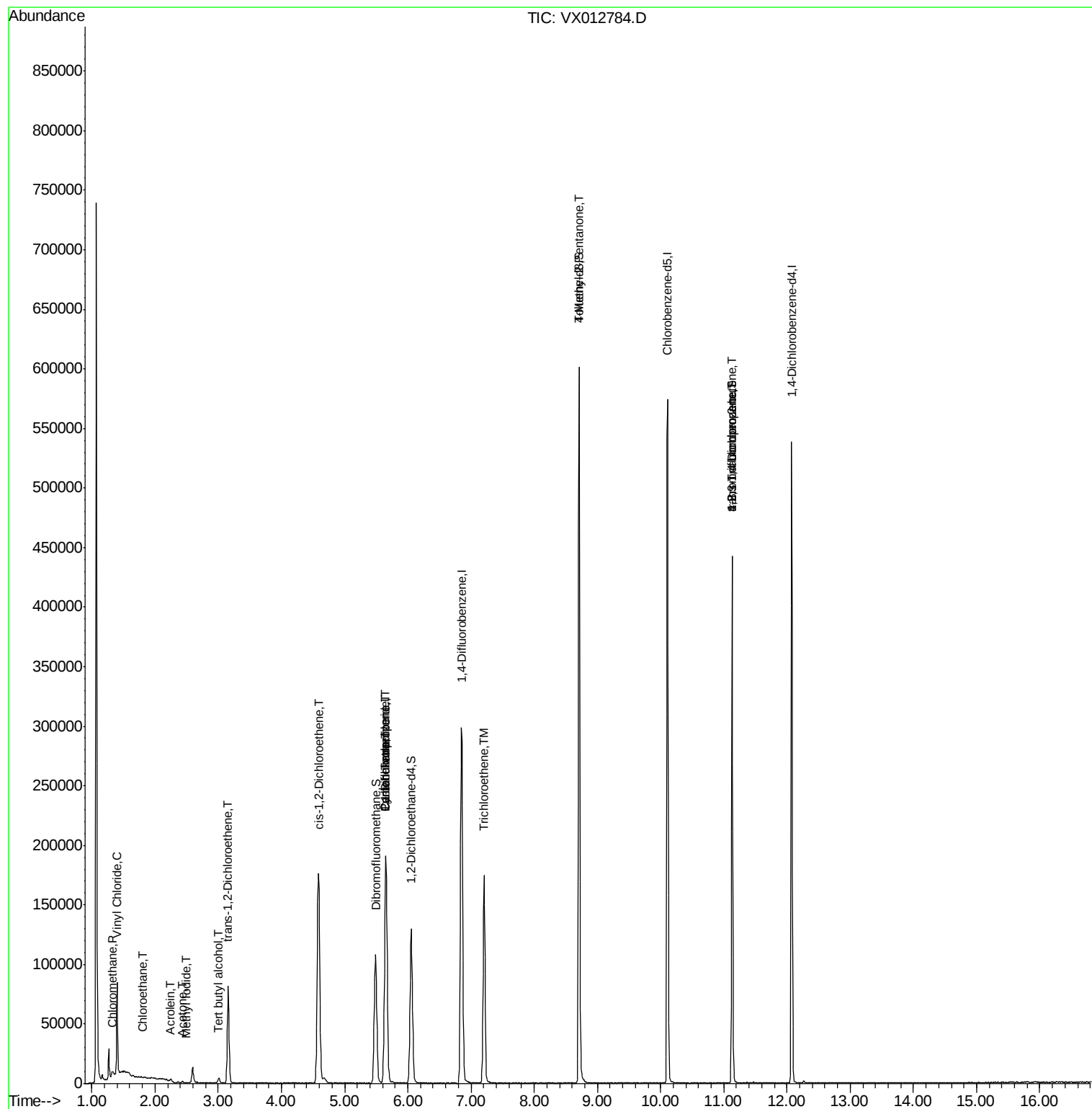
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	927	0.416	ug/l	97
4) Vinyl Chloride	1.40	62	46151	20.828	ug/l	94
6) Chloroethane	1.80	64	1435	0.961	ug/l #	73
10) Methyl Iodide	2.50	142	97	4.997	ug/l #	35
11) Tert butyl alcohol	3.00	59	2952	4.702	ug/l #	72
13) Acrolein	2.25	56	27	10.307	ug/l #	1
16) Acetone	2.44	43	1365	1.025	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	34366	16.718	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	114749	48.109	ug/l	82
31) Cyclohexane	5.65	56	3867	1.105	ug/l #	1
36) 1,1-Dichloropropene	5.65	75	14286	4.960	ug/l #	52
38) Carbon Tetrachloride	5.65	117	18500	6.323	ug/l #	16
44) Trichloroethene	7.21	130	67832	31.312	ug/l	91
51) 4-Methyl-2-Pentanone	8.71	43	1631	0.469	ug/l #	1
76) 1,2,3-Trichloropropane	11.14	75	62502	23.217	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	62502	66.535	ug/l #	8

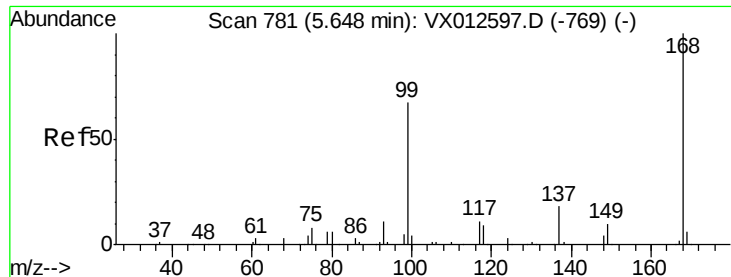
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX100319\
Data File : VX012784.D
Acq On : 03 Oct 2019 15:26
Operator : JC/SP
Sample : K5157-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S49-0538

Quant Time: Oct 04 07:17:32 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012784.D

Acq: 03 Oct 2019 15:26

Instrument :

MSVOA_X

ClientSampleId :

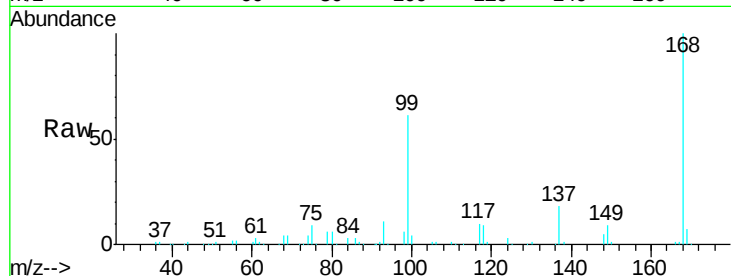
S49-0538

Tgt Ion:168 Resp: 172575

Ion Ratio Lower Upper

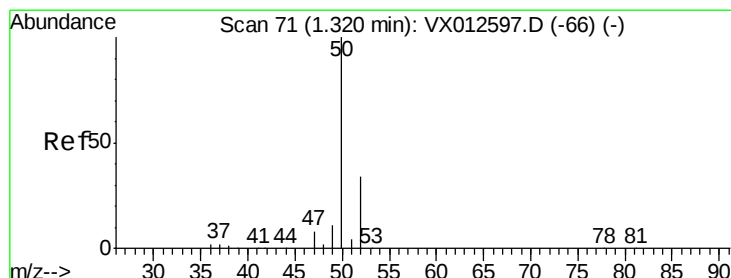
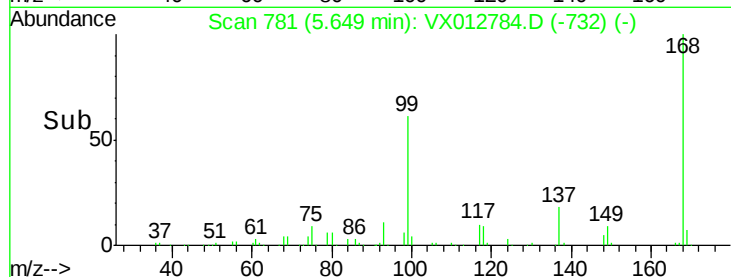
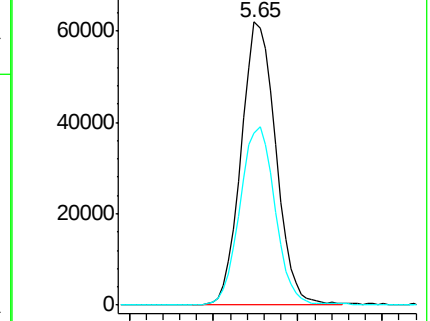
168 100

99 61.0 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.416 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012784.D

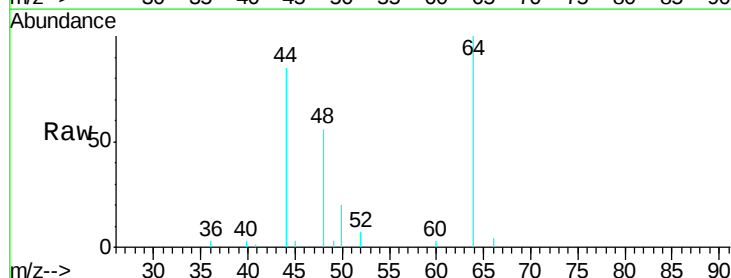
Acq: 03 Oct 2019 15:26

Tgt Ion: 50 Resp: 927

Ion Ratio Lower Upper

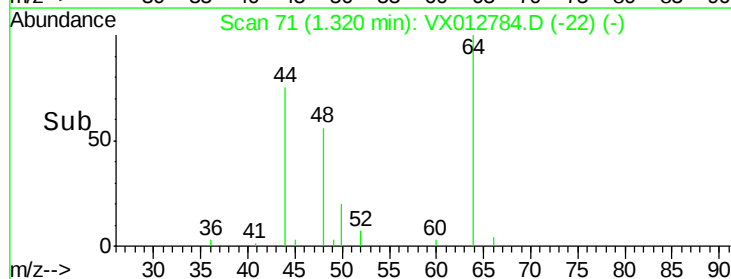
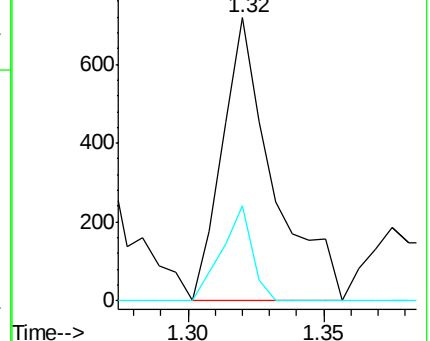
50 100

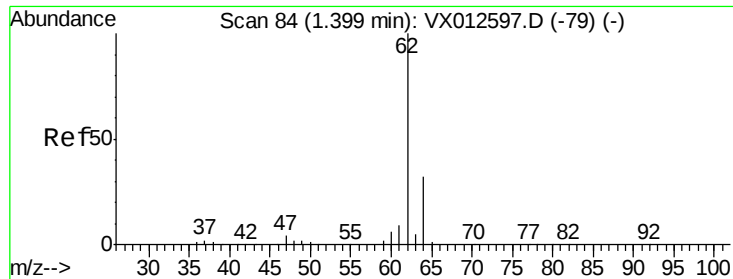
52 33.6 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#4

Vinyl Chloride

Concen: 20.828 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012784.D

Acq: 03 Oct 2019 15:26

Instrument :

MSVOA_X

ClientSampled :

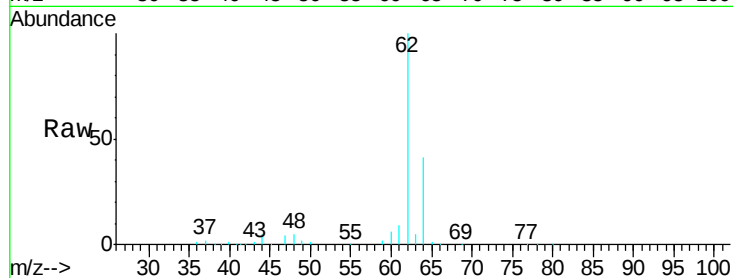
S49-0538

Tgt Ion: 62 Resp: 46151

Ion Ratio Lower Upper

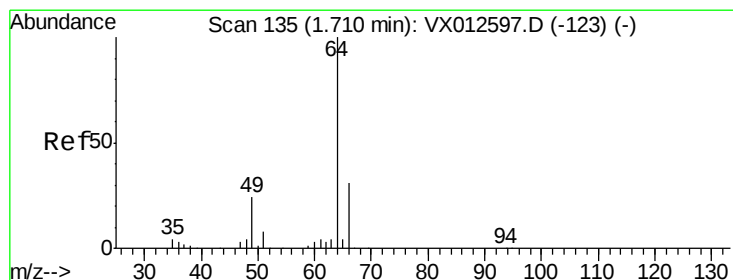
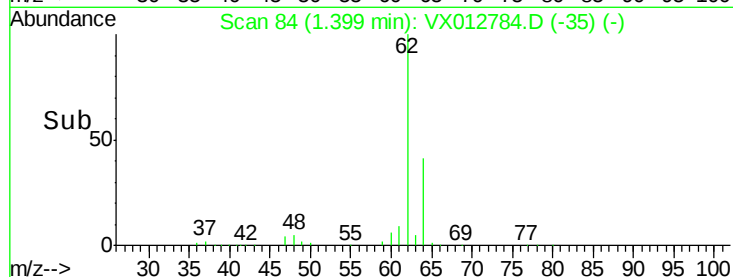
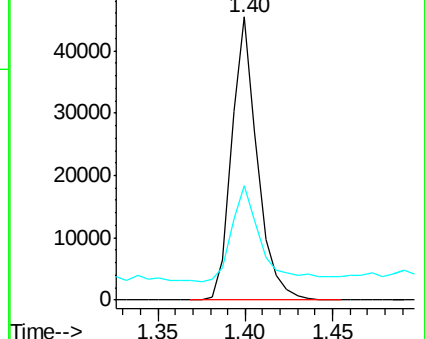
62 100

64 33.6 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#6

Chloroethane

Concen: 0.961 ug/l

RT: 1.80 min Scan# 150

Delta R.T. 0.09 min

Lab File: VX012784.D

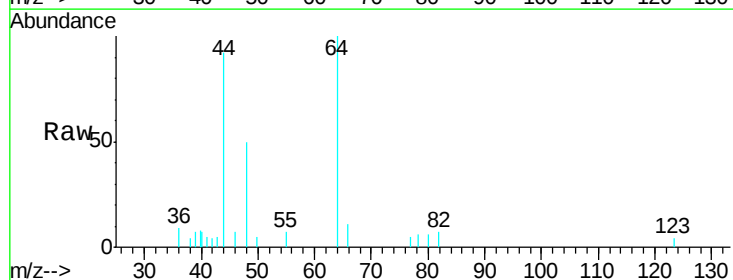
Acq: 03 Oct 2019 15:26

Tgt Ion: 64 Resp: 1435

Ion Ratio Lower Upper

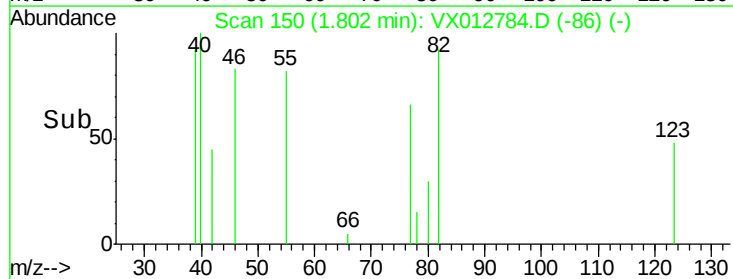
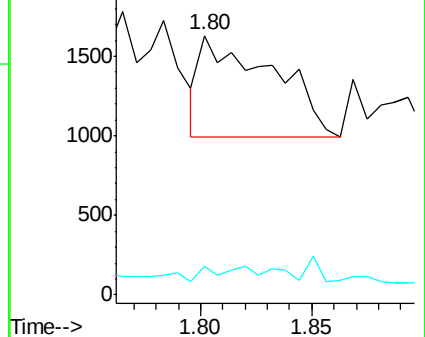
64 100

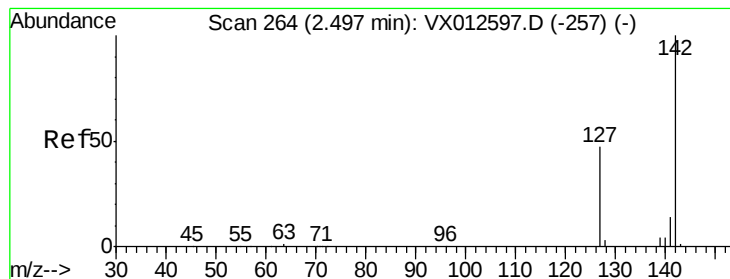
66 15.3 24.0 36.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

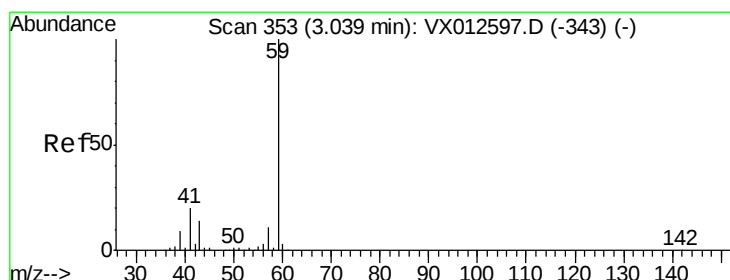
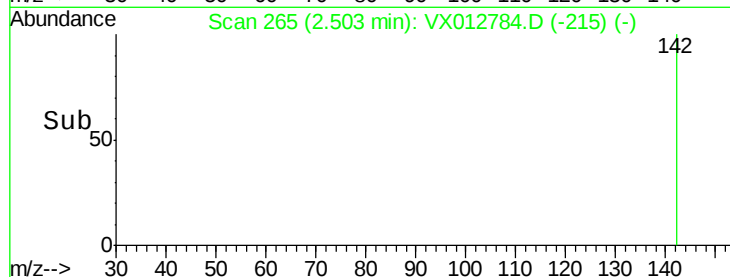
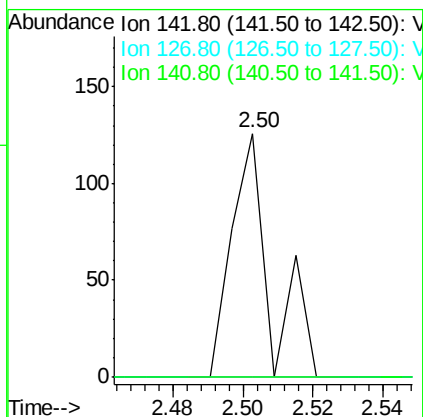
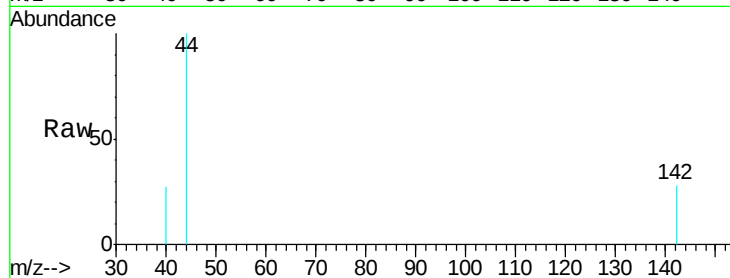




#10
Methyl Iodide
Concen: 4.997 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX012784.D
Acq: 03 Oct 2019 15:26

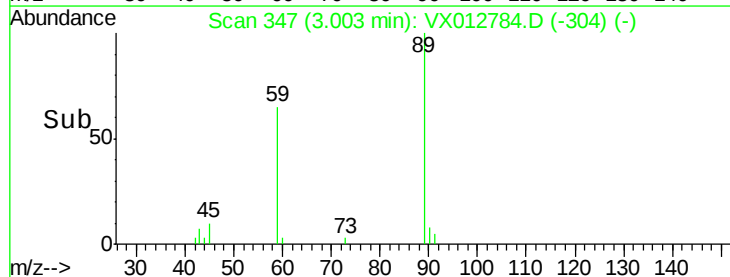
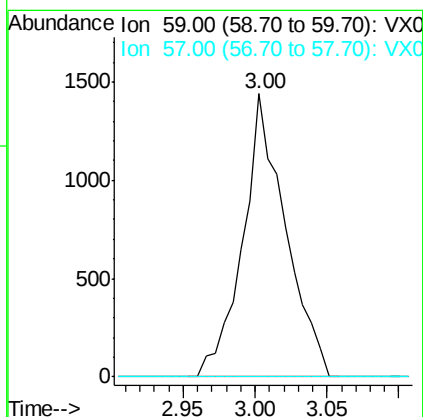
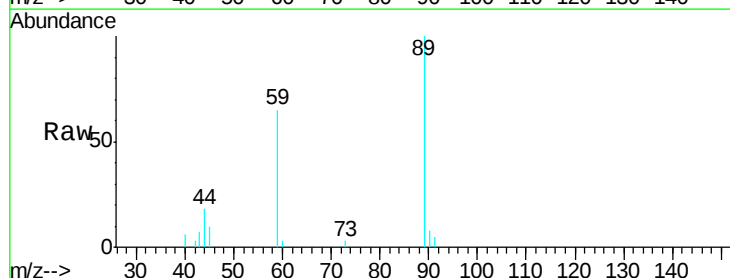
Instrument :
MSVOA_X
ClientSampleId :
S49-0538

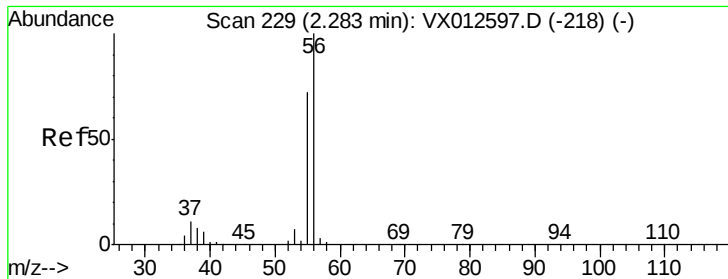
Tgt Ion: 142 Resp: 97
Ion Ratio Lower Upper
142 100
127 0.0 40.8 61.2#
141 0.0 12.1 18.1#



#11
Tert butyl alcohol
Concen: 4.702 ug/l
RT: 3.00 min Scan# 347
Delta R.T. -0.04 min
Lab File: VX012784.D
Acq: 03 Oct 2019 15:26

Tgt Ion: 59 Resp: 2952
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#13

Acrolein

Concen: 10.307 ug/l

RT: 2.25 min Scan# 224

Delta R.T. -0.03 min

Lab File: VX012784.D

Acq: 03 Oct 2019 15:26

Instrument :

MSVOA_X

ClientSampled :

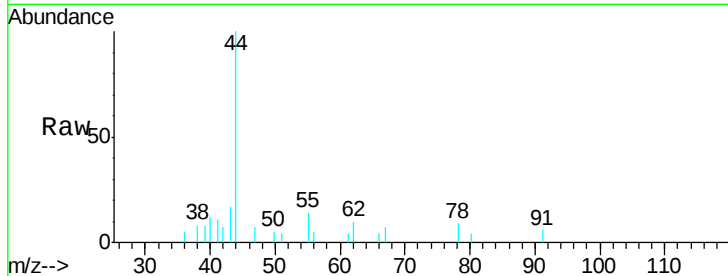
S49-0538

Tgt Ion: 56 Resp: 27

Ion Ratio Lower Upper

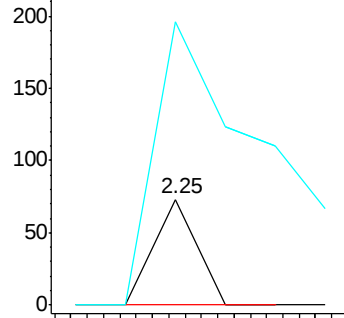
56 100

55 670.4 55.8 83.8#

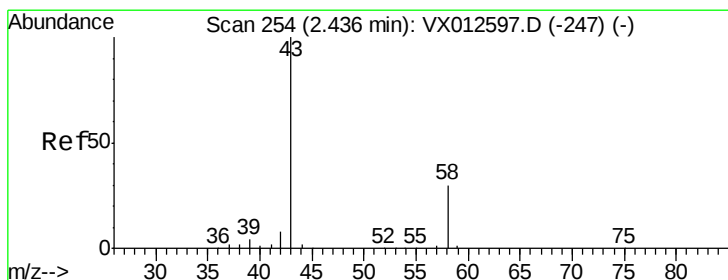
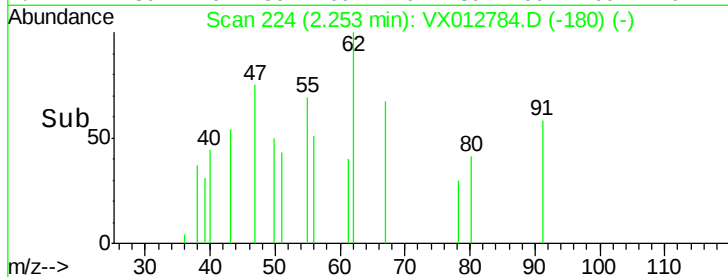


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



Time-->



#16

Acetone

Concen: 1.025 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012784.D

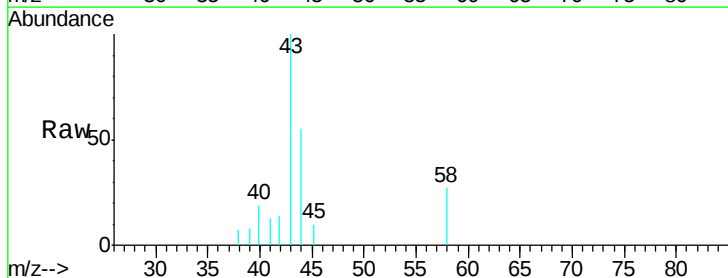
Acq: 03 Oct 2019 15:26

Tgt Ion: 43 Resp: 1365

Ion Ratio Lower Upper

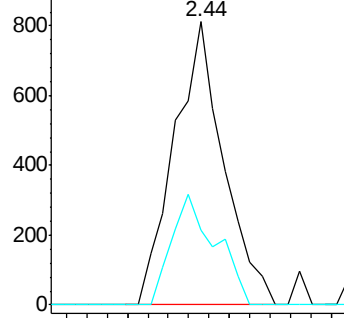
43 100

58 26.6 23.3 34.9

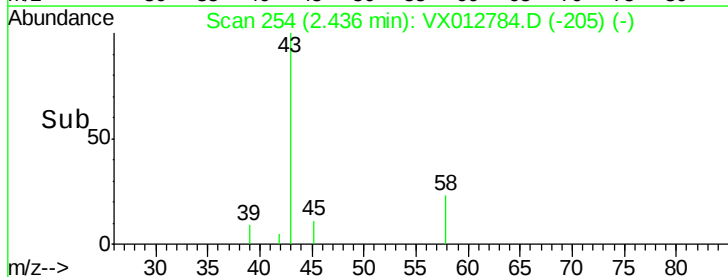


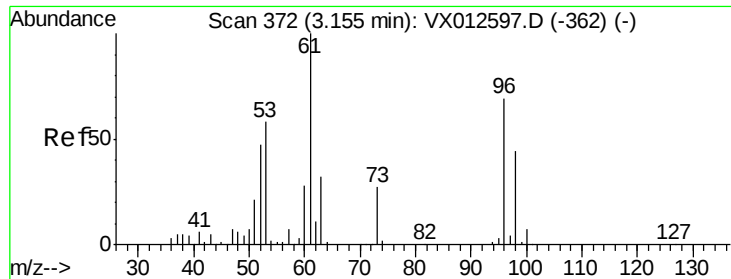
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->





#21

trans-1,2-Dichloroethene

Concen: 16.718 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012784.D

Acq: 03 Oct 2019 15:26

Instrument :

MSVOA_X

ClientSampleId :

S49-0538

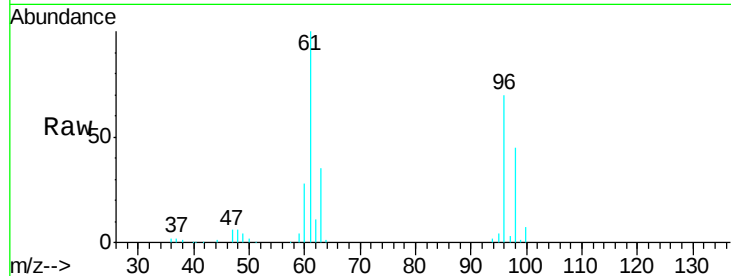
Tgt Ion: 96 Resp: 34366

Ion Ratio Lower Upper

96 100

61 142.9 112.0 168.0

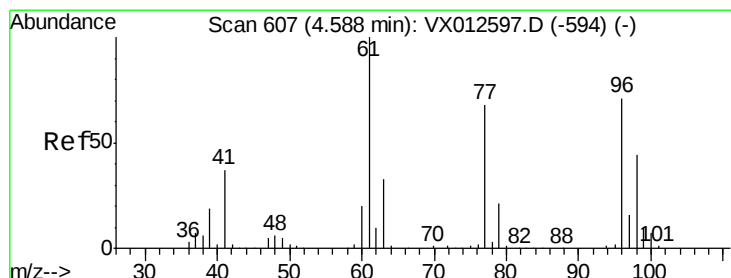
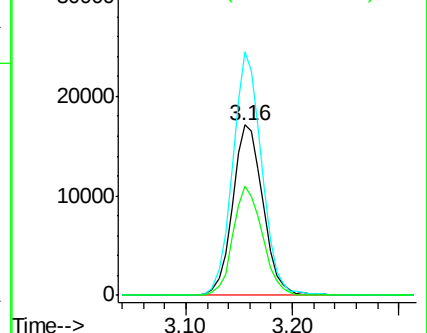
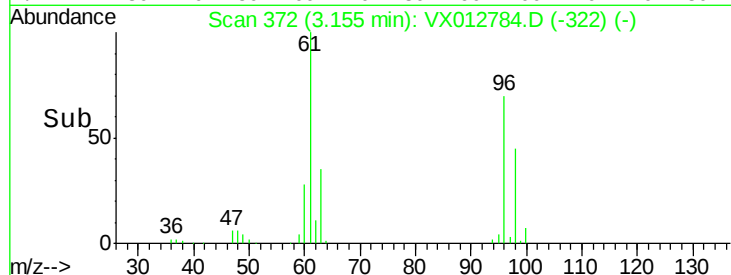
98 64.1 47.8 71.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 48.109 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.01 min

Lab File: VX012784.D

Acq: 03 Oct 2019 15:26

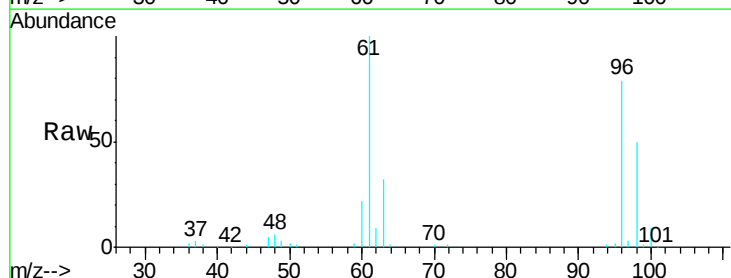
Tgt Ion: 96 Resp: 114749

Ion Ratio Lower Upper

96 100

61 127.7 0.0 319.4

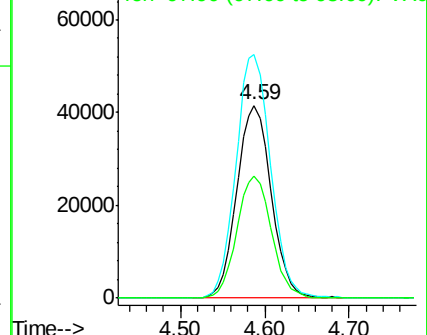
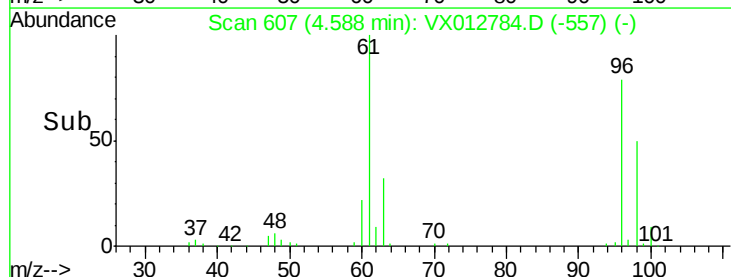
98 63.8 0.0 130.6

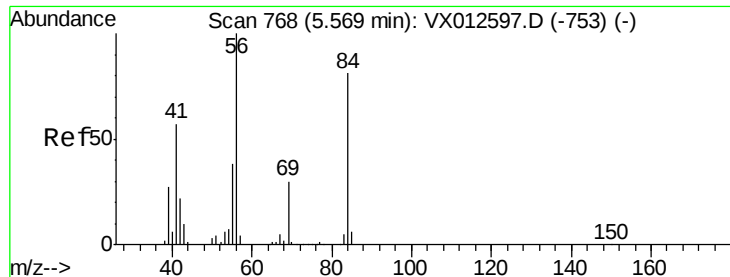


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

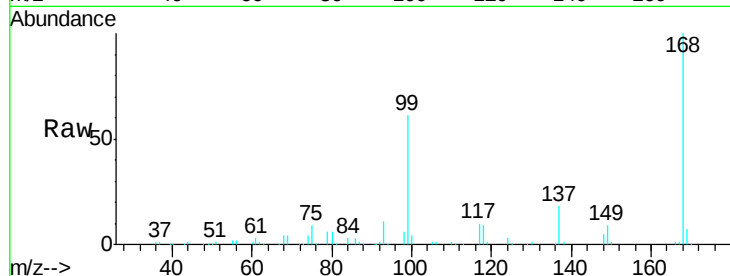




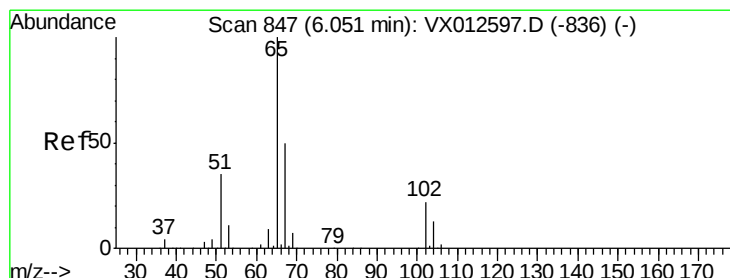
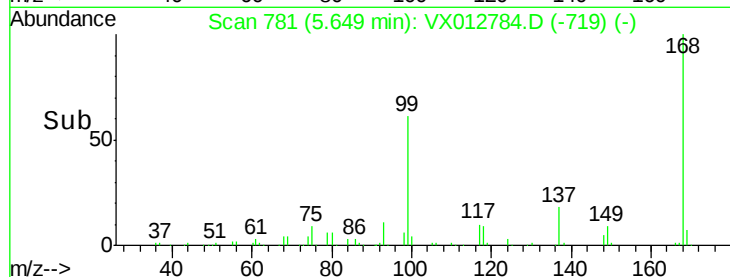
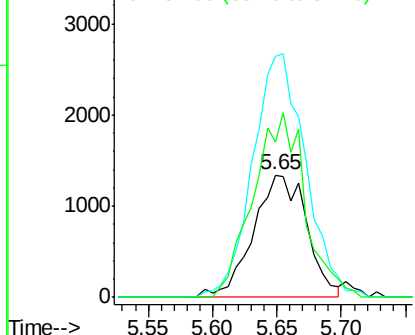
#31
Cyclohexane
Concen: 1.105 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.08 min
Lab File: VX012784.D
Acq: 03 Oct 2019 15:26

Instrument :
MSVOA_X
ClientSampled :
S49-0538

Tgt Ion: 56 Resp: 3867
Ion Ratio Lower Upper
56 100
69 197.0 25.0 37.6#
84 127.2 66.4 99.6#

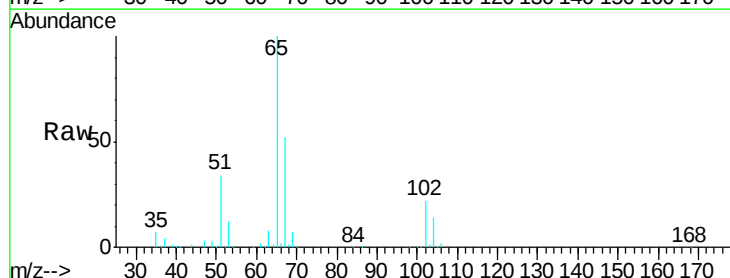


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

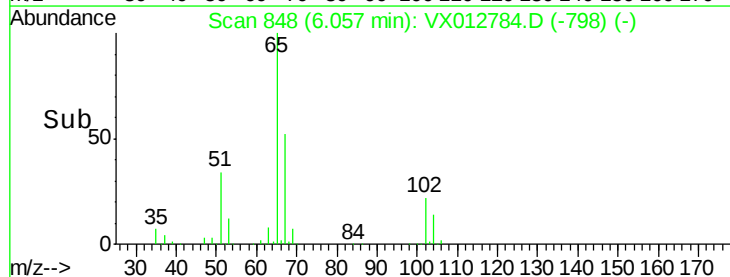
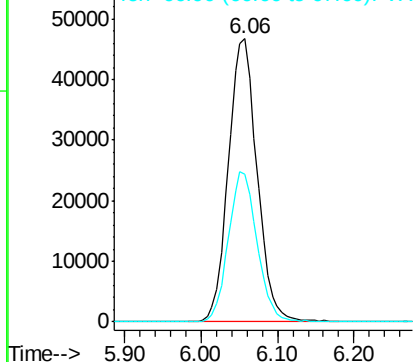


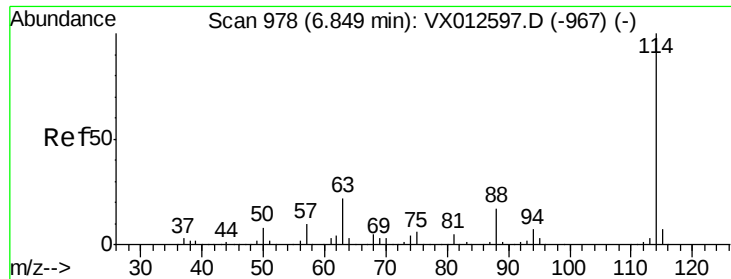
#33
1,2-Dichloroethane-d4
Concen: 48.411 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX012784.D
Acq: 03 Oct 2019 15:26

Tgt Ion: 65 Resp: 121657
Ion Ratio Lower Upper
65 100
67 52.9 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

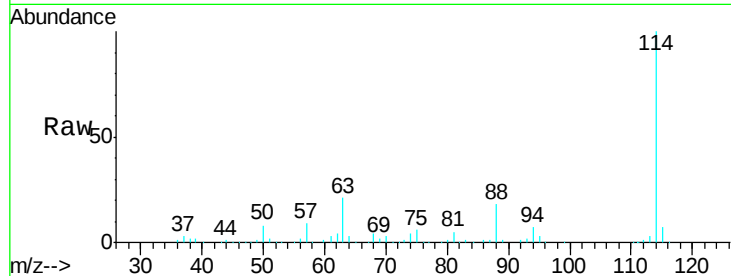




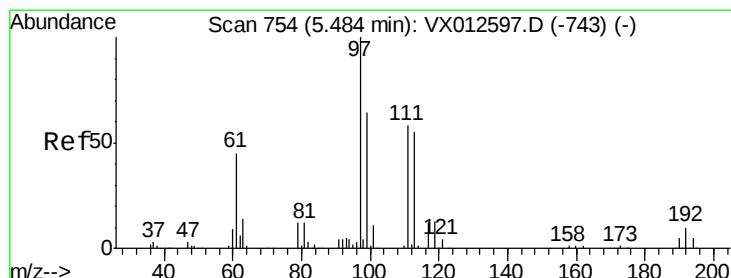
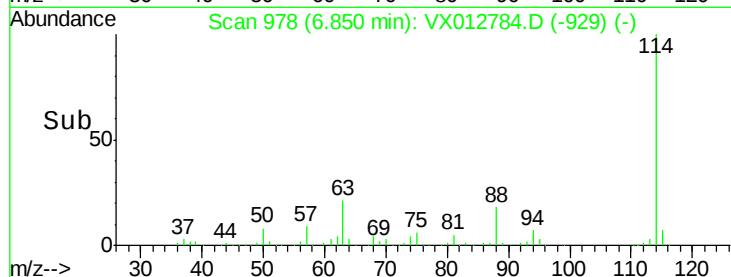
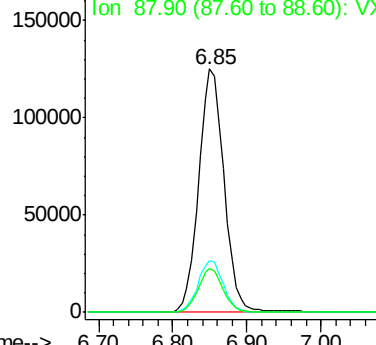
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX012784.D
Acq: 03 Oct 2019 15:26

Instrument :
MSVOA_X
ClientSampleId :
S49-0538

Tgt Ion:114 Resp: 298795
Ion Ratio Lower Upper
114 100
63 21.1 0.0 43.2
88 17.8 0.0 33.2

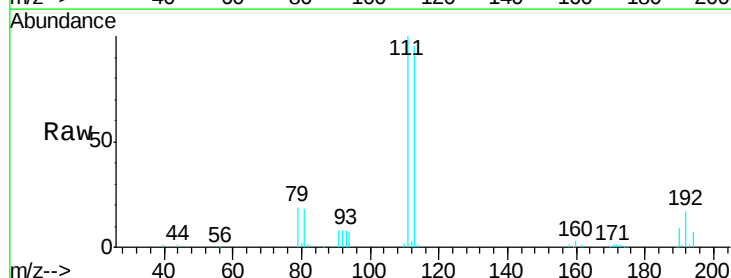


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

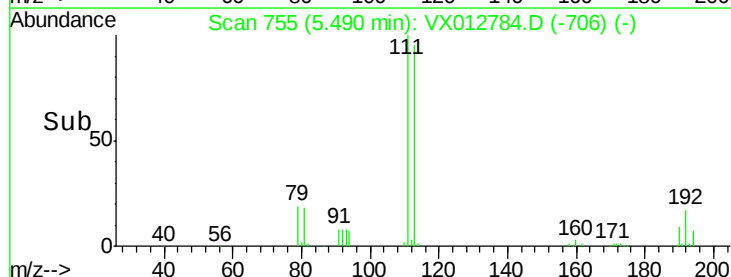
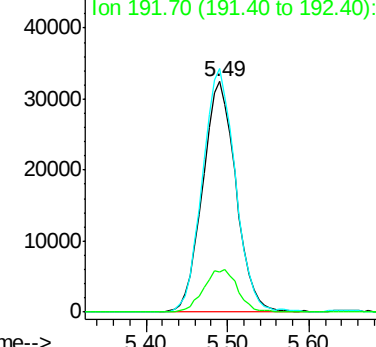


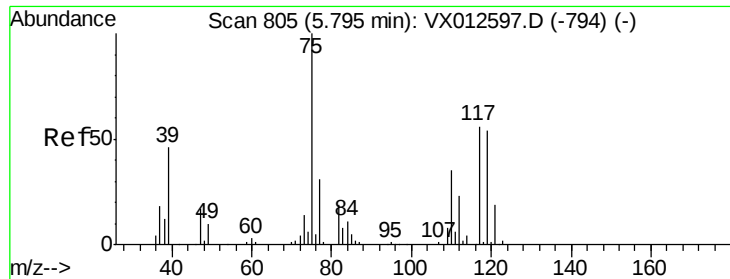
#35
Dibromofluoromethane
Concen: 51.383 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX012784.D
Acq: 03 Oct 2019 15:26

Tgt Ion:113 Resp: 91434
Ion Ratio Lower Upper
113 100
111 104.4 83.4 125.2
192 18.9 14.4 21.6



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

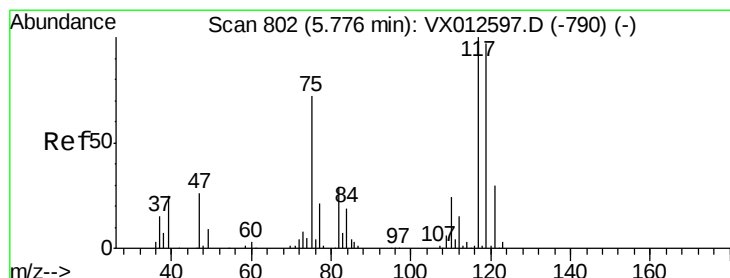
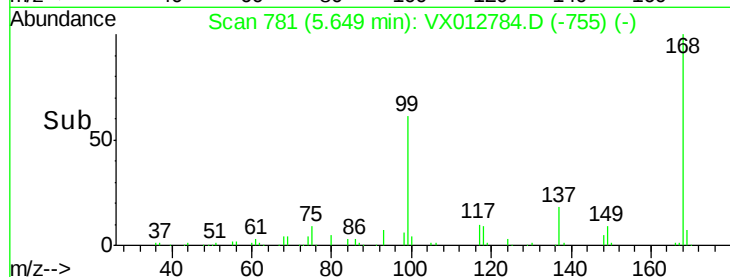
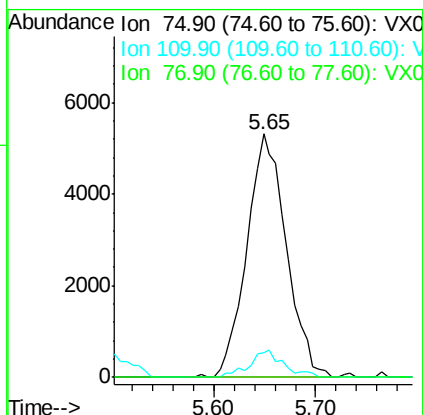
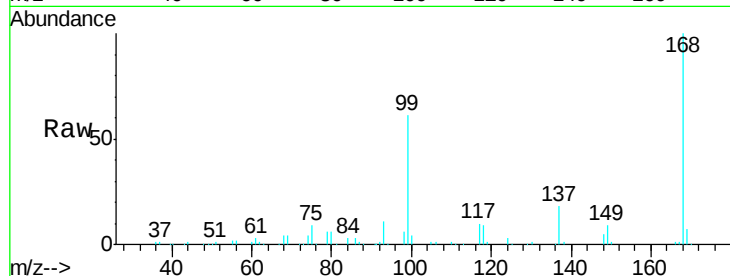




#36
 1,1-Dichloropropene
 Concen: 4.960 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX012784.D
 Acq: 03 Oct 2019 15:26

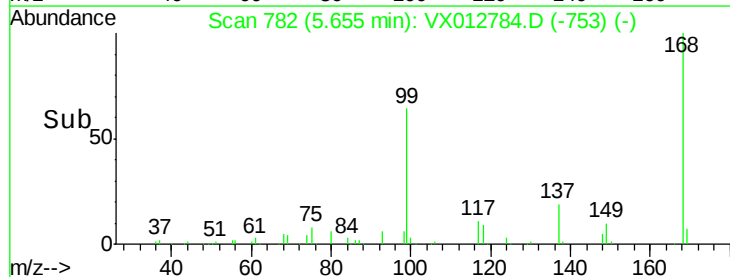
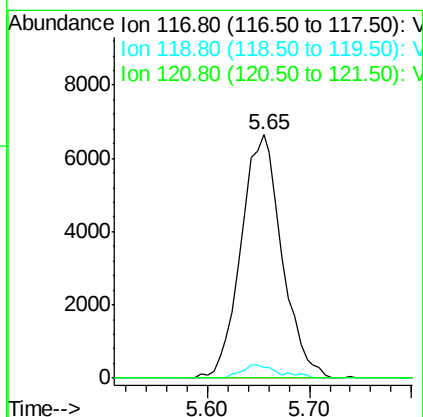
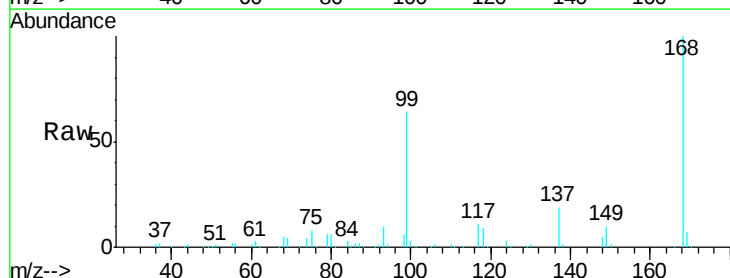
Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0538

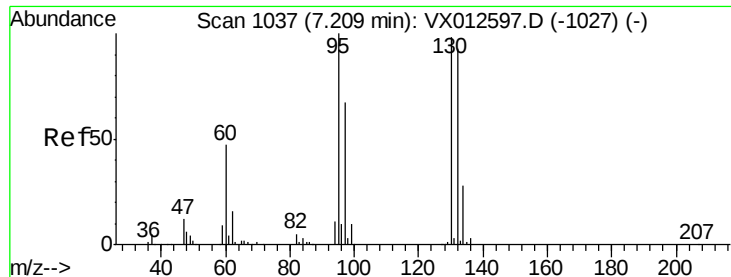
Tgt Ion: 75 Resp: 14286
 Ion Ratio Lower Upper
 75 100
 110 9.8 16.7 50.0#
 77 0.0 24.2 36.2#



#38
 Carbon Tetrachloride
 Concen: 6.323 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.12 min
 Lab File: VX012784.D
 Acq: 03 Oct 2019 15:26

Tgt Ion: 117 Resp: 18500
 Ion Ratio Lower Upper
 117 100
 119 4.4 75.7 113.5#
 121 0.0 24.2 36.4#





#44

Trichloroethene

Concen: 31.312 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012784.D

Acq: 03 Oct 2019 15:26

Instrument :

MSVOA_X

ClientSampleId :

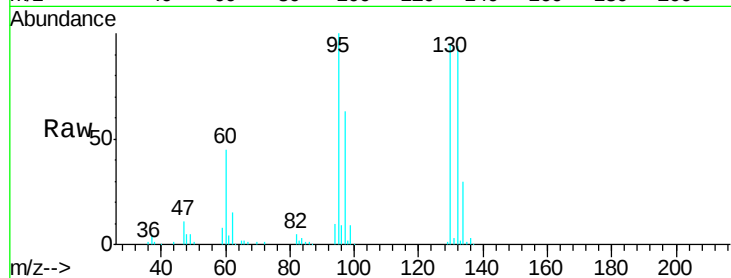
S49-0538

Tgt Ion:130 Resp: 67832

Ion Ratio Lower Upper

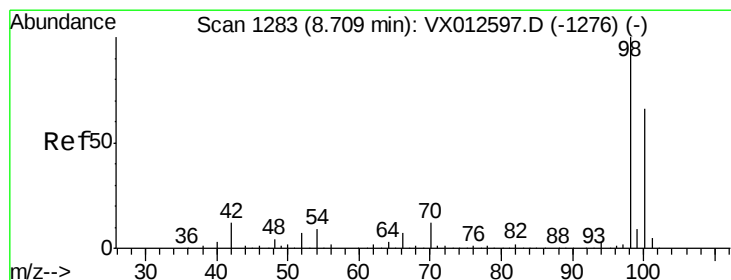
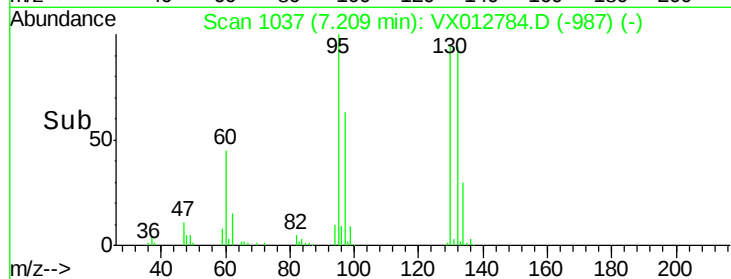
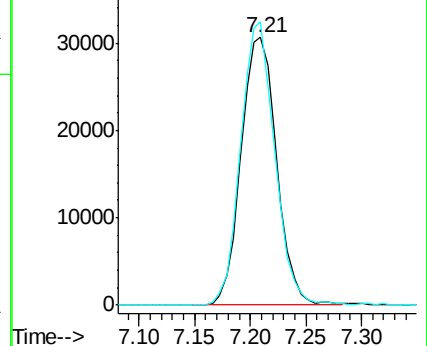
130 100

95 105.7 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 51.752 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012784.D

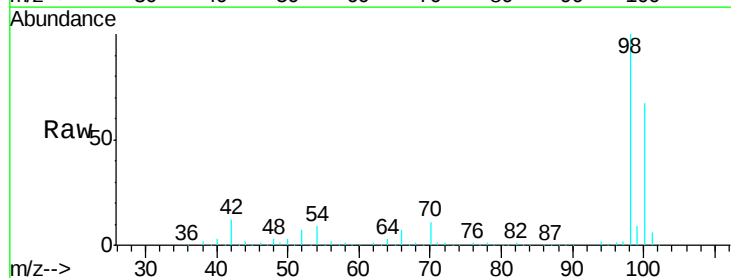
Acq: 03 Oct 2019 15:26

Tgt Ion: 98 Resp: 354648

Ion Ratio Lower Upper

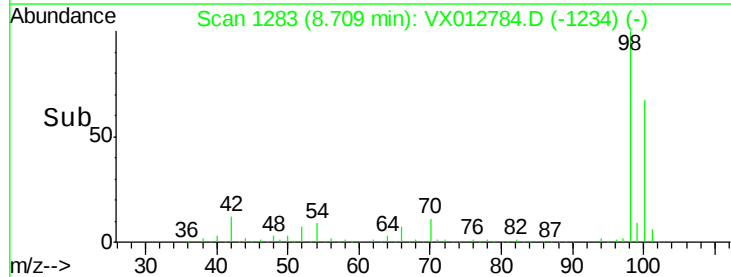
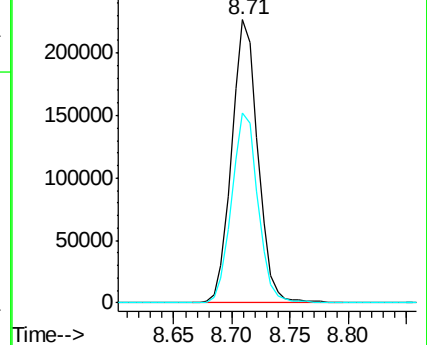
98 100

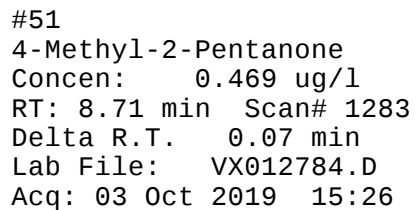
100 67.9 53.4 80.2



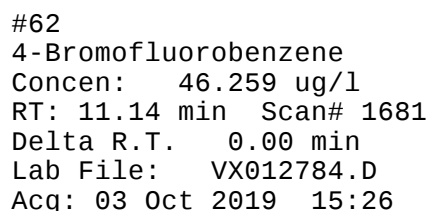
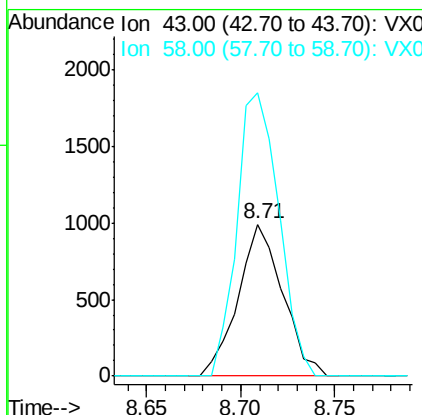
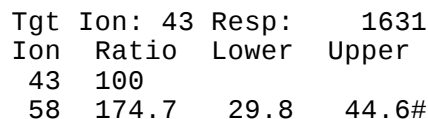
Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

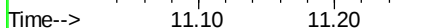
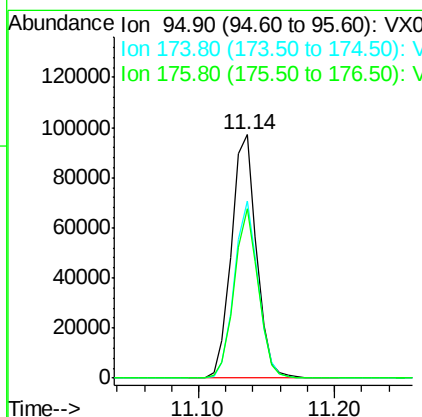


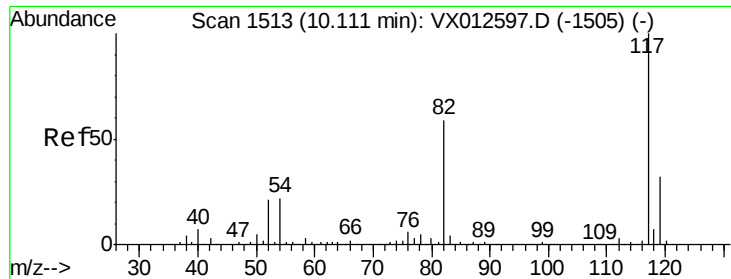


Instrument :
MSVOA_X
ClientSampleId :
S49-0538



Tgt	Ion: 95	Resp:	124647
Ion	Ratio	Lower	Upper
95	100		
174	69.8	0.0	140.0
176	66.9	0.0	135.4

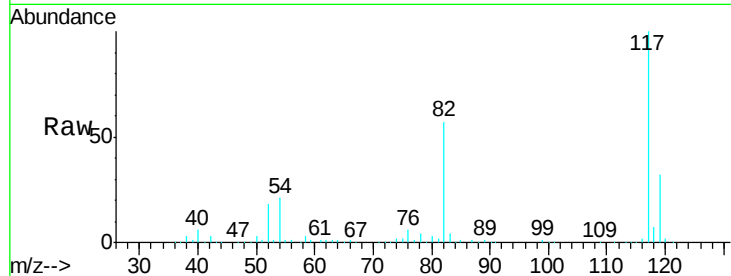




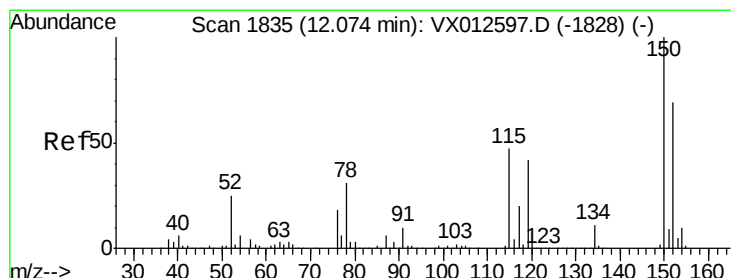
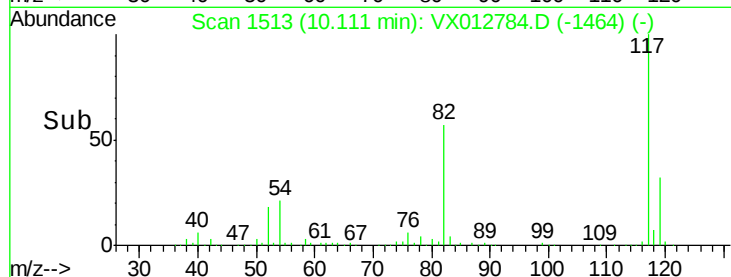
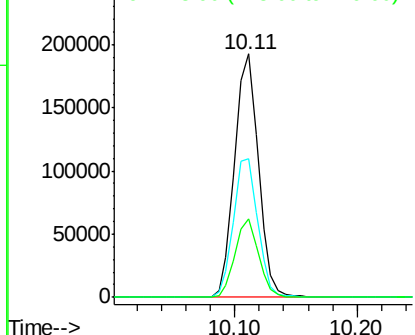
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012784.D
Acq: 03 Oct 2019 15:26

Instrument :
MSVOA_X
ClientSampled :
S49-0538

Tgt Ion:117 Resp: 259649
Ion Ratio Lower Upper
117 100
82 56.8 45.9 68.9
119 32.1 25.3 37.9

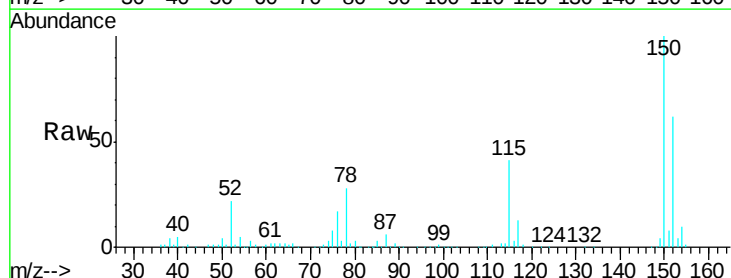


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

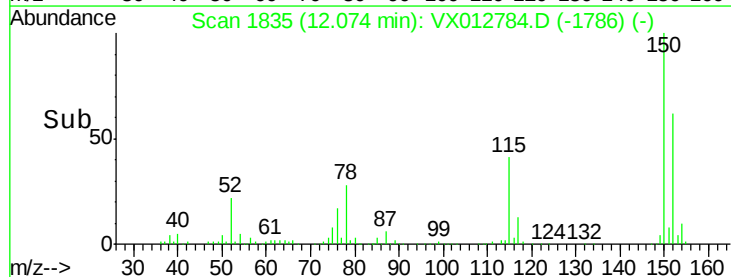
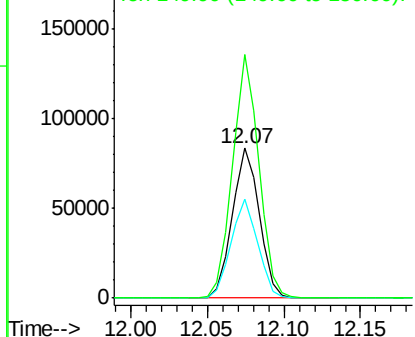


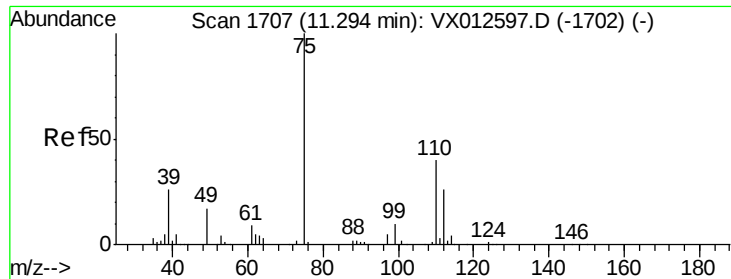
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012784.D
Acq: 03 Oct 2019 15:26

Tgt Ion:152 Resp: 101770
Ion Ratio Lower Upper
152 100
115 65.6 44.1 132.3
150 159.0 0.0 343.8



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: 23.217 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.16 min

Lab File: VX012784.D

Acq: 03 Oct 2019 15:26

Instrument :

MSVOA_X

ClientSampled :

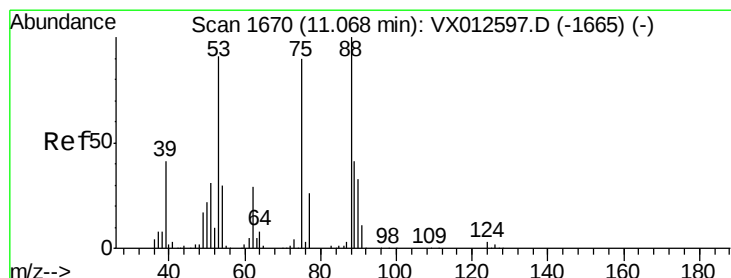
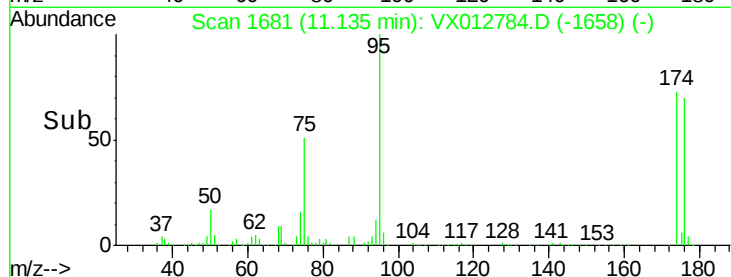
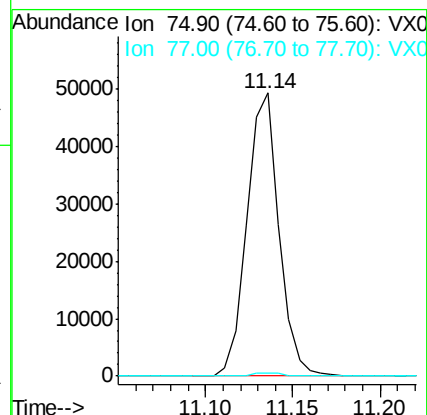
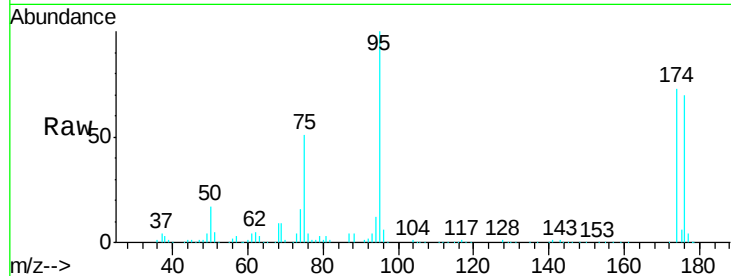
S49-0538

Tgt Ion: 75 Resp: 62502

Ion Ratio Lower Upper

75 100

77 1.1 19.7 59.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 66.535 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.07 min

Lab File: VX012784.D

Acq: 03 Oct 2019 15:26

Tgt Ion: 75 Resp: 62502

Ion Ratio Lower Upper

75 100

53 0.0 83.6 125.4#

89 0.0 36.3 54.5#

