

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082119\
 Data File : VX011744.D
 Acq On : 22 Aug 2019 01:05
 Operator : JC/SP
 Sample : K4095-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SU-03-081919

Quant Time: Aug 22 03:43:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	445761	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	647666	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	492282	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	170993	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	242564	58.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.36%	
35) Dibromofluoromethane	5.49	113	209636	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
50) Toluene-d8	8.71	98	682413	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	
62) 4-Bromofluorobenzene	11.13	95	201820	36.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.46%	

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	1382	0.304	ug/l #	57
5) Bromomethane	1.64	94	778	0.422	ug/l	85
10) Methyl Iodide	2.50	142	1715	0.306	ug/l #	76
11) Tert butyl alcohol	3.00	59	9121	8.994	ug/l #	75
13) Acrolein	2.23	56	402	13.409	ug/l #	15
15) Acrylonitrile	3.14	53	791	0.341	ug/l #	40
16) Acetone	2.43	43	79523	38.258	ug/l	94
17) Carbon Disulfide	2.56	76	2576	0.288	ug/l #	91
18) Methyl Acetate	2.76	43	5354	0.831	ug/l #	75
20) Methylene Chloride	2.84	84	24182	5.541	ug/l	95
25) 2-Butanone	4.68	43	2660	0.815	ug/l #	77
29) Tetrahydrofuran	5.13	42	1537	0.718	ug/l #	67
36) 1,1-Dichloropropene	5.65	75	27414	4.951	ug/l #	51
38) Carbon Tetrachloride	5.64	117	39845	6.531	ug/l #	16
42) 1,2-Dichloroethane	6.18	62	1521	0.255	ug/l	80
43) Isopropyl Acetate	6.43	43	74819	7.527	ug/l	98
48) Methyl methacrylate	7.66	41	5428	1.103	ug/l #	14
49) 1,4-Dioxane	7.74	88	65	0.496	ug/l #	25
51) 4-Methyl-2-Pentanone	8.60	43	70591	10.850	ug/l #	52
54) cis-1,3-Dichloropropene	8.60	75	33498	5.151	ug/l #	63
58) 2-Chloroethyl Vinyl ether	8.31	63	951	0.282	ug/l #	71
59) 2-Hexanone	9.43	43	66917	13.338	ug/l #	24
68) m/p-Xylenes	10.35	106	1519	0.226	ug/l #	70
71) Bromoform	10.85	173	287	3.362	ug/l #	28
74) N-amyl acetate	10.82	43	3236	0.686	ug/l #	62
76) 1,2,3-Trichloropropane	11.13	75	95502	29.454	ug/l #	37
80) 1,3,5-Trimethylbenzene	11.51	105	3688	0.396	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.13	75	95502	77.116	ug/l #	11
82) 4-Chlorotoluene	11.51	91	1754	0.206	ug/l	92
84) 1,2,4-Trimethylbenzene	11.80	105	2852	0.305	ug/l	90
92) 1,2-Dibromo-3-Chloropropan	12.87	75	244	0.279	ug/l	68
93) 1,2,4-Trichlorobenzene	13.65	180	1257	0.296	ug/l	95
95) Naphthalene	13.83	128	5029	0.419	ug/l #	82
96) 1,2,3-Trichlorobenzene	14.01	180	1063	0.248	ug/l	91

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QLast Update : Fri Aug 16 04:15:26 2019
Response via : Initial Calibration

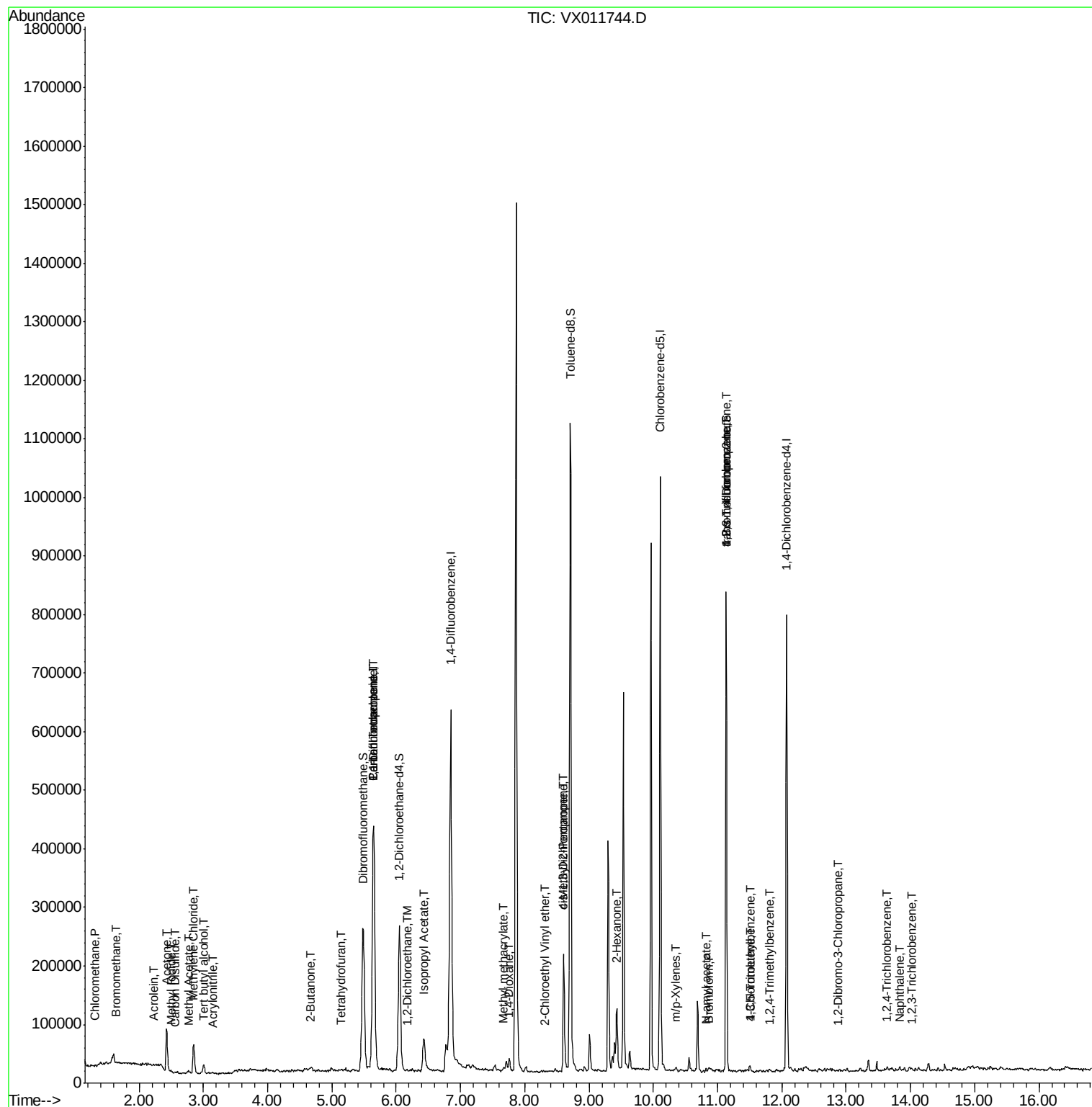
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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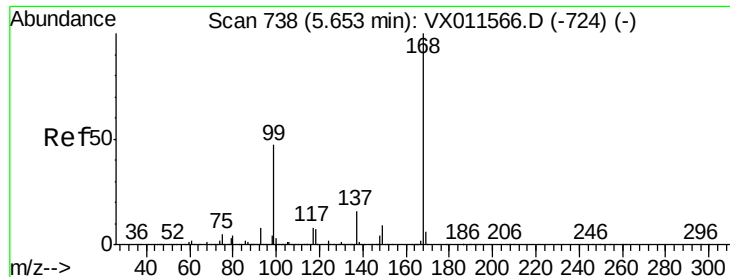
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011744.D

Acq: 22 Aug 2019 01:05

Instrument :

MSVOA_X

ClientSampleId :

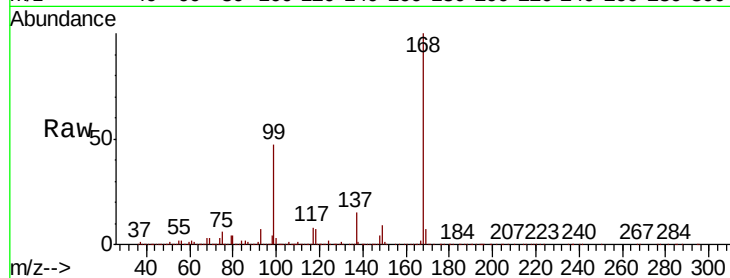
SU-03-081919

Tgt Ion:168 Resp: 445761

Ion Ratio Lower Upper

168 100

99 47.2 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

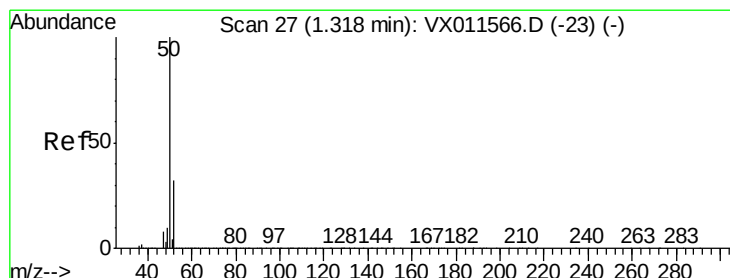
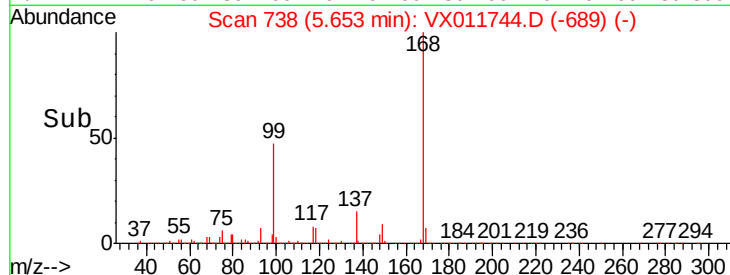
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.304 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011744.D

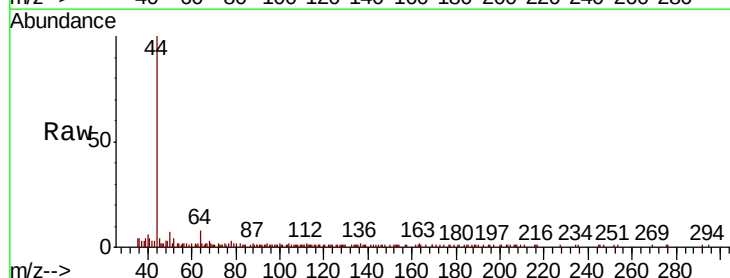
Acq: 22 Aug 2019 01:05

Tgt Ion: 50 Resp: 1382

Ion Ratio Lower Upper

50 100

52 8.5 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

600

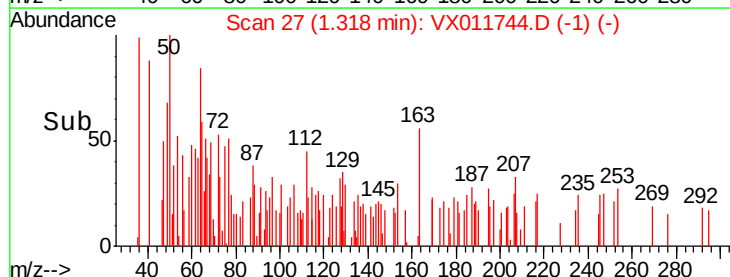
400

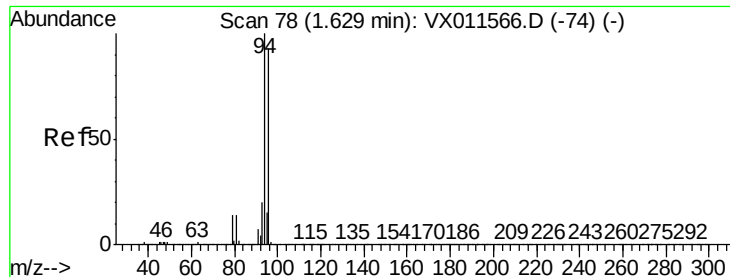
200

0

Time-->

1.30 1.35





#5

Bromomethane

Concen: 0.422 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.01 min

Lab File: VX011744.D

Acq: 22 Aug 2019 01:05

Instrument :

MSVOA_X

ClientSampled :

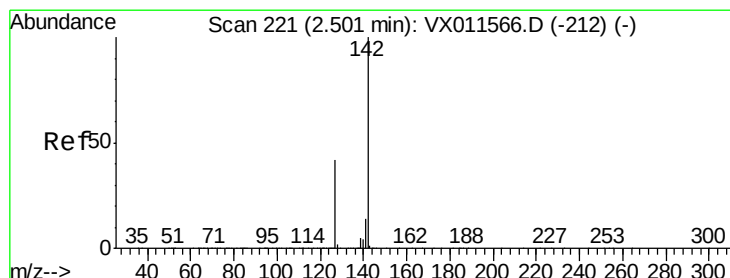
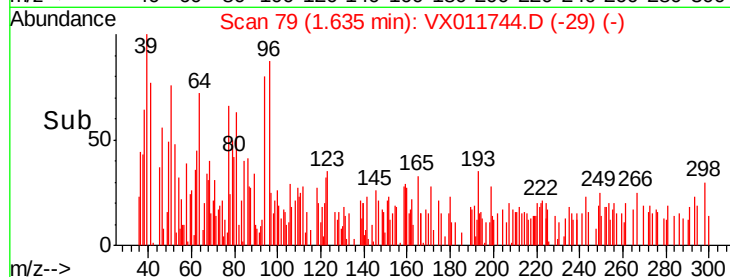
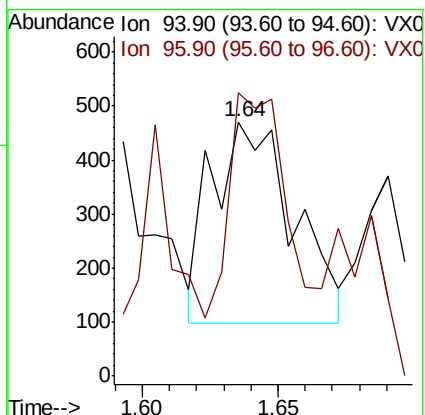
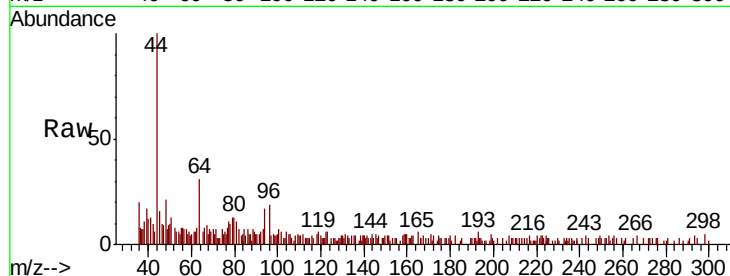
SU-03-081919

Tgt Ion: 94 Resp: 778

Ion Ratio Lower Upper

94 100

96 108.0 74.8 112.2



#10

Methyl Iodide

Concen: 0.306 ug/l

RT: 2.50 min Scan# 221

Delta R.T. 0.00 min

Lab File: VX011744.D

Acq: 22 Aug 2019 01:05

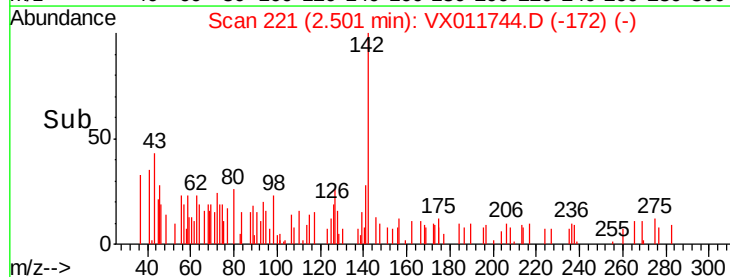
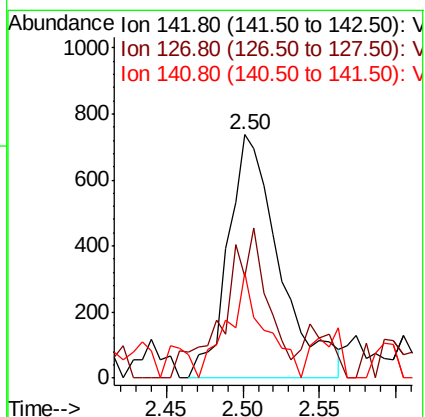
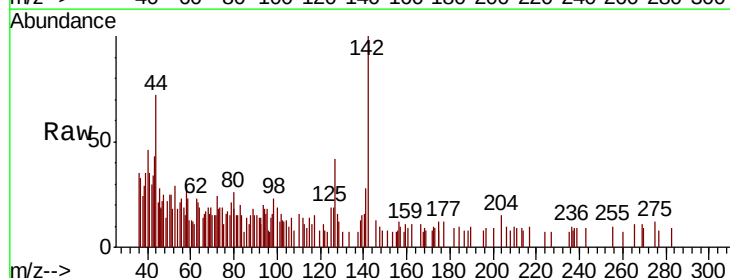
Tgt Ion: 142 Resp: 1715

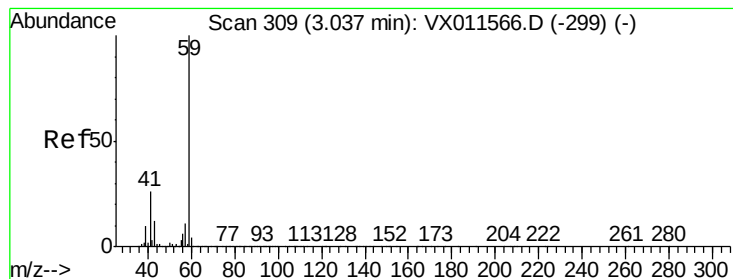
Ion Ratio Lower Upper

142 100

127 52.2 32.8 49.2#

141 31.5 11.4 17.2#



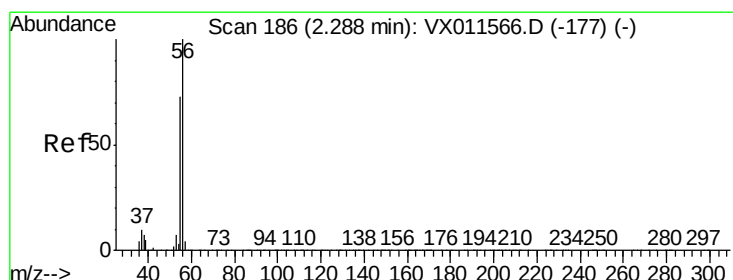
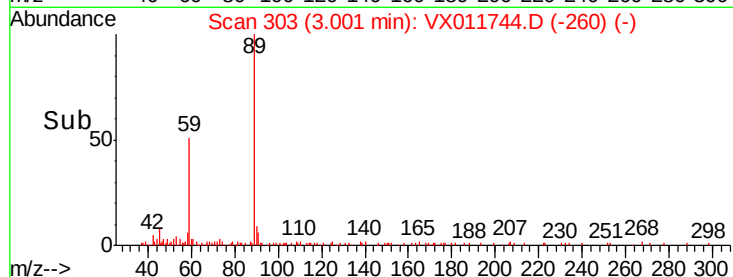
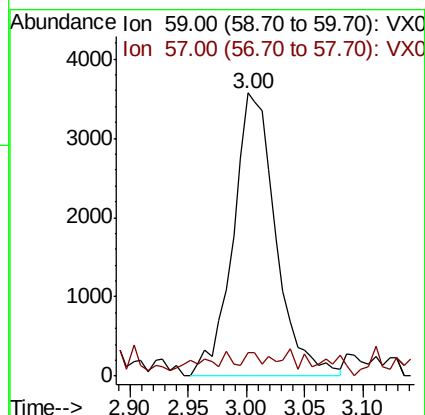
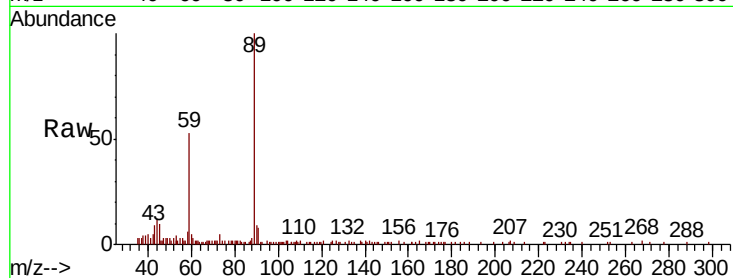


#11

Tert butyl alcohol
Concen: 8.994 ug/l
RT: 3.00 min Scan# 303
Delta R.T. -0.04 min
Lab File: VX011744.D
Acq: 22 Aug 2019 01:05

Instrument :
MSVOA_X
ClientSampleId :
SU-03-081919

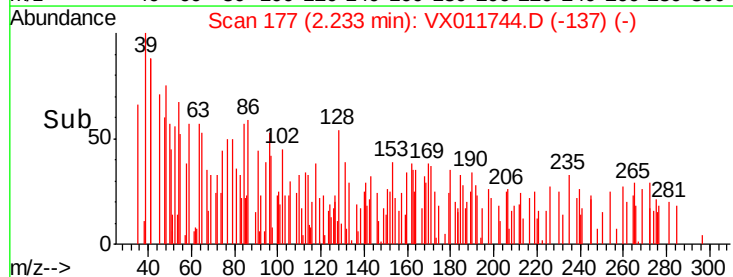
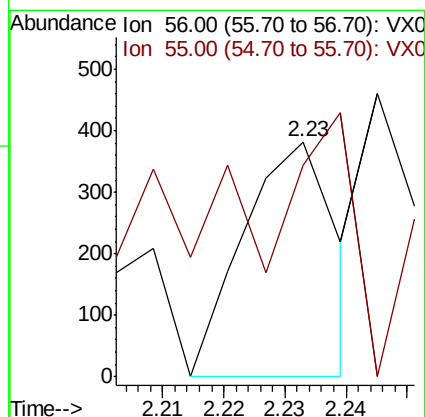
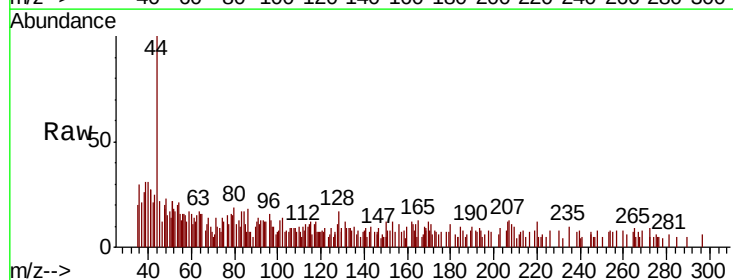
Tgt Ion: 59 Resp: 9121
Ion Ratio Lower Upper
59 100
57 1.3 8.7 13.1#

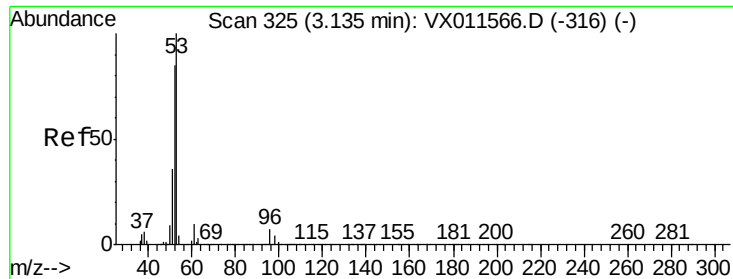


#13

Acrolein
Concen: 13.409 ug/l
RT: 2.23 min Scan# 177
Delta R.T. -0.05 min
Lab File: VX011744.D
Acq: 22 Aug 2019 01:05

Tgt Ion: 56 Resp: 402
Ion Ratio Lower Upper
56 100
55 0.0 55.5 83.3#





#15

Acrylonitrile

Concen: 0.341 ug/l

RT: 3.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX011744.D

Acq: 22 Aug 2019 01:05

Instrument :

MSVOA_X

ClientSampleId :

SU-03-081919

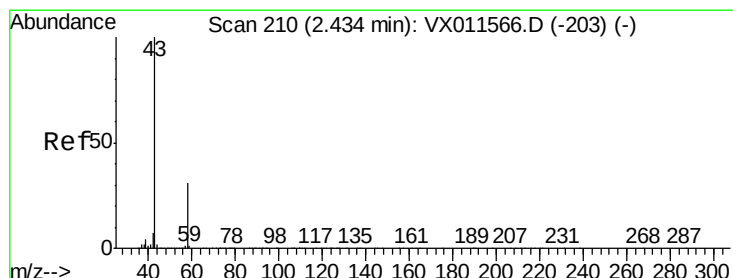
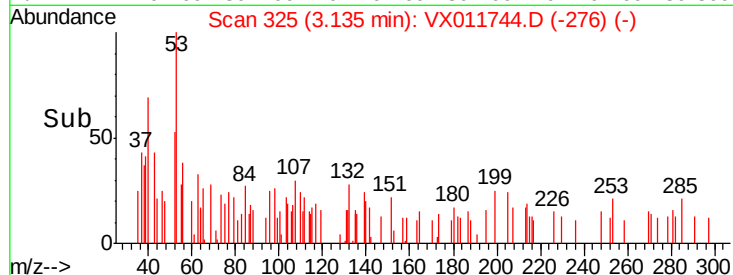
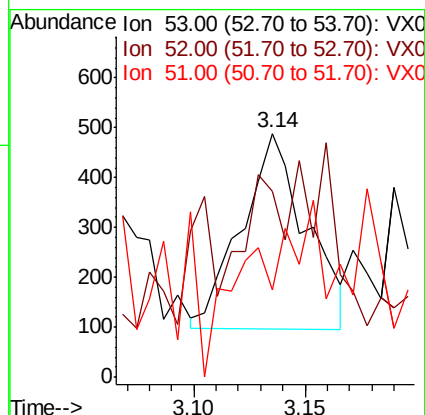
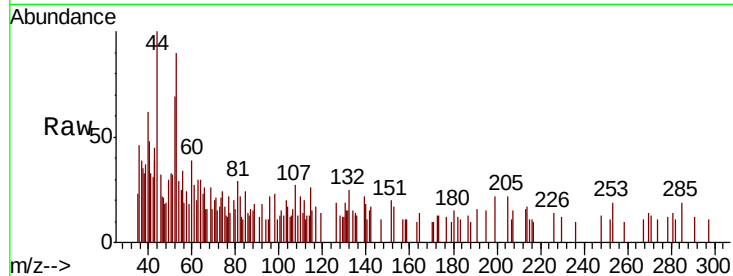
Tgt Ion: 53 Resp: 791

Ion Ratio Lower Upper

53 100

52 13.9 66.7 100.1#

51 47.2 28.7 43.1#



#16

Acetone

Concen: 38.258 ug/l

RT: 2.43 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX011744.D

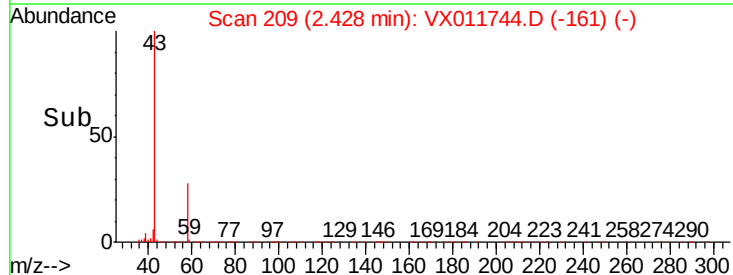
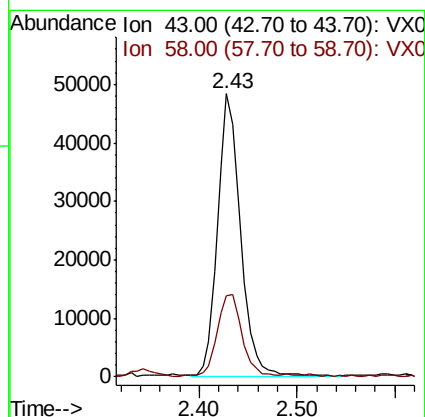
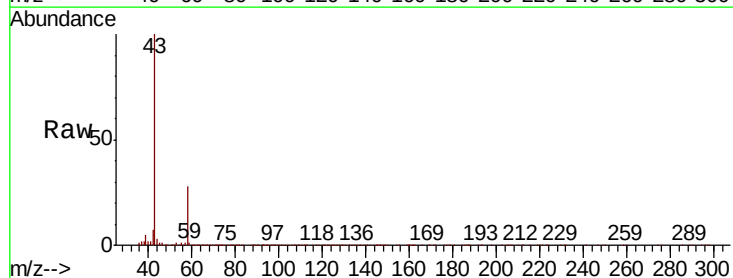
Acq: 22 Aug 2019 01:05

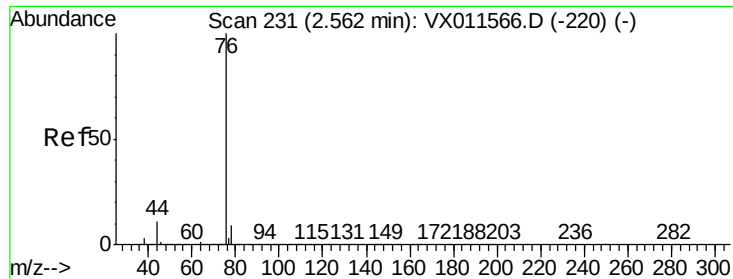
Tgt Ion: 43 Resp: 79523

Ion Ratio Lower Upper

43 100

58 27.9 25.2 37.8





#17

Carbon Disulfide

Concen: 0.288 ug/l

RT: 2.56 min Scan# 231

Delta R.T. 0.00 min

Lab File: VX011744.D

Acq: 22 Aug 2019 01:05

Instrument :

MSVOA_X

ClientSampleId :

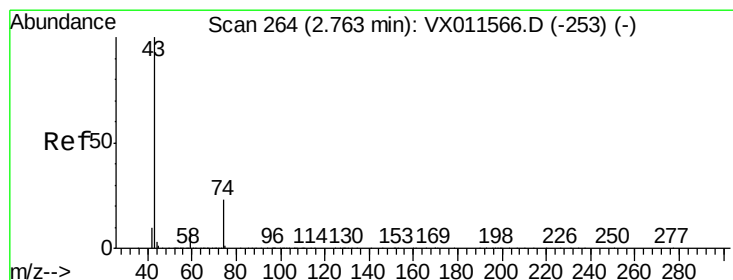
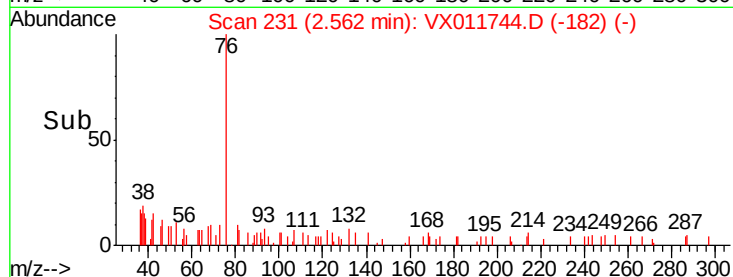
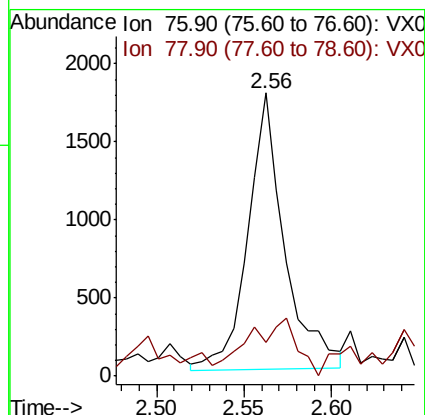
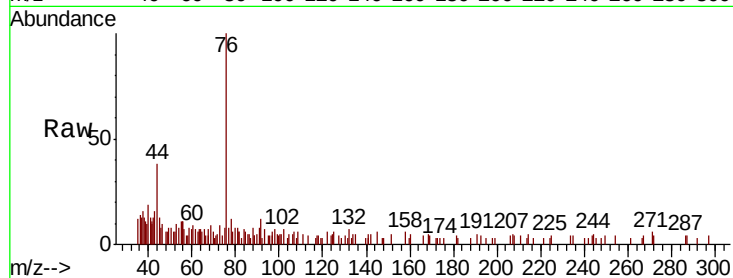
SU-03-081919

Tgt Ion: 76 Resp: 2576

Ion Ratio Lower Upper

76 100

78 5.8 7.2 10.8#



#18

Methyl Acetate

Concen: 0.831 ug/l

RT: 2.76 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX011744.D

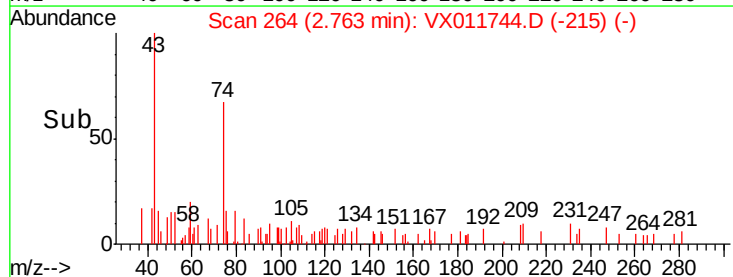
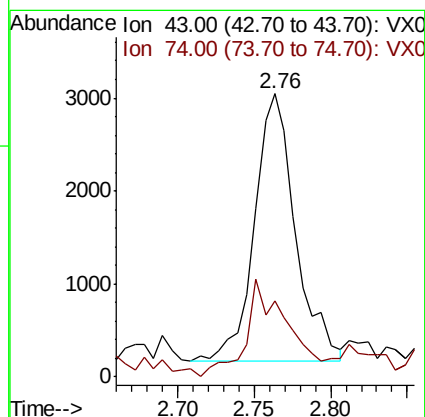
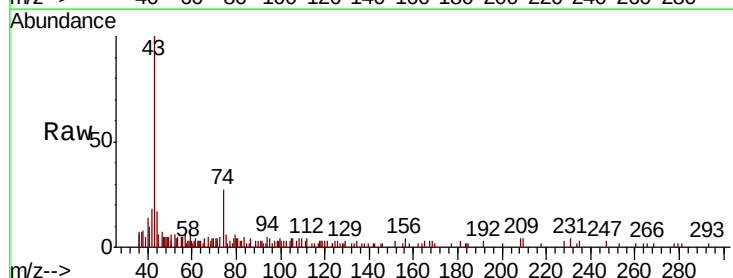
Acq: 22 Aug 2019 01:05

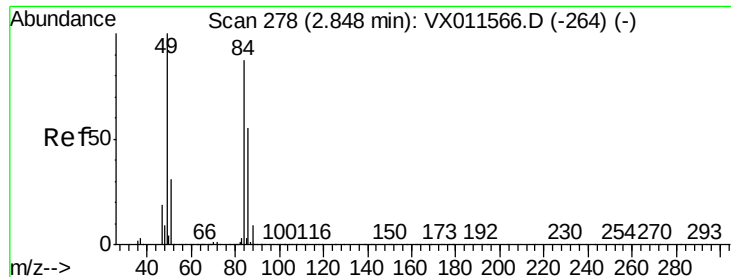
Tgt Ion: 43 Resp: 5354

Ion Ratio Lower Upper

43 100

74 36.8 19.7 29.5#

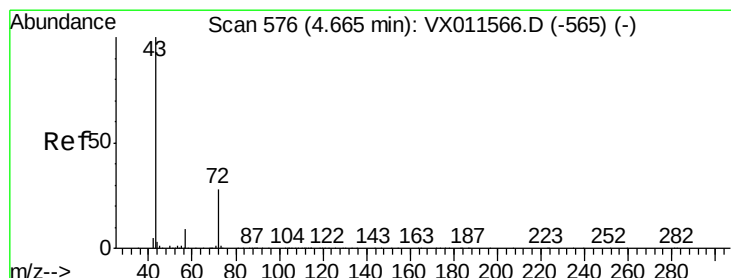
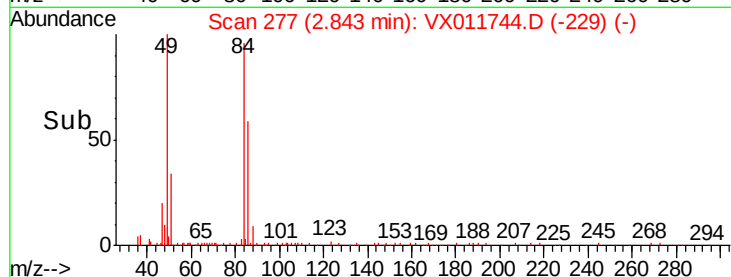
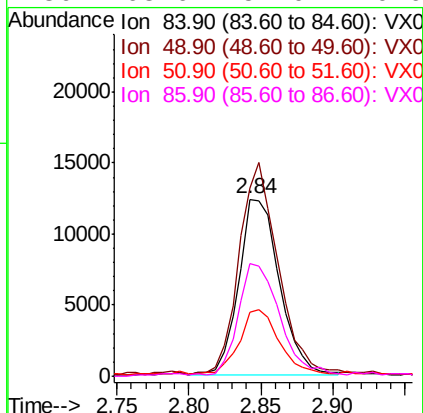
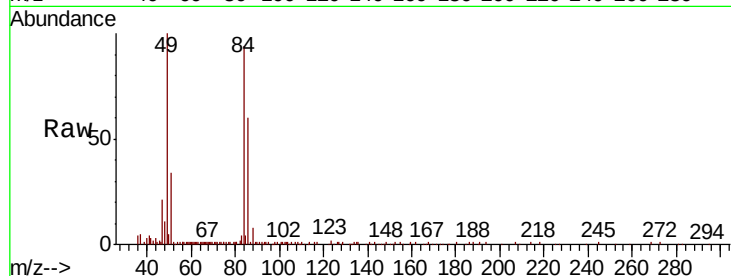




#20
Methylene Chloride
Concen: 5.541 ug/l
RT: 2.84 min Scan# 277
Delta R.T. -0.01 min
Lab File: VX011744.D
Acq: 22 Aug 2019 01:05

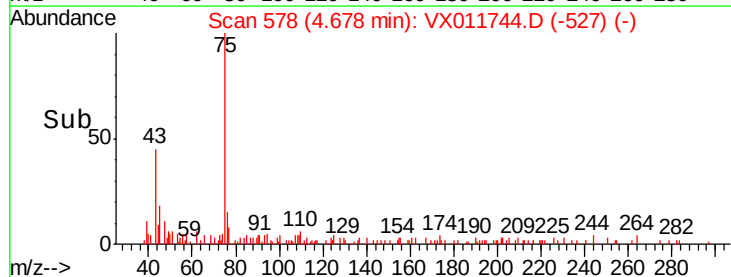
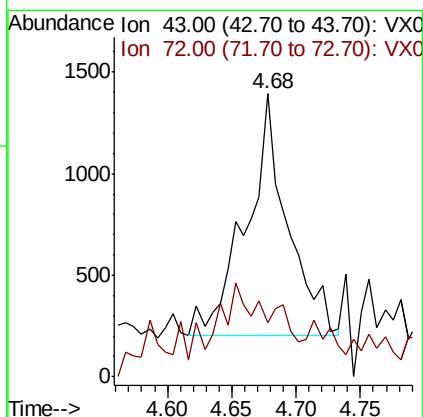
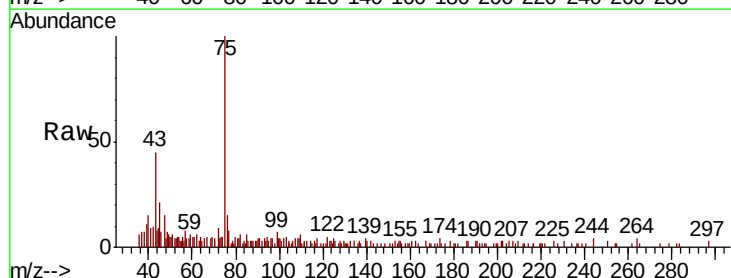
Instrument :
MSVOA_X
ClientSampleId :
SU-03-081919

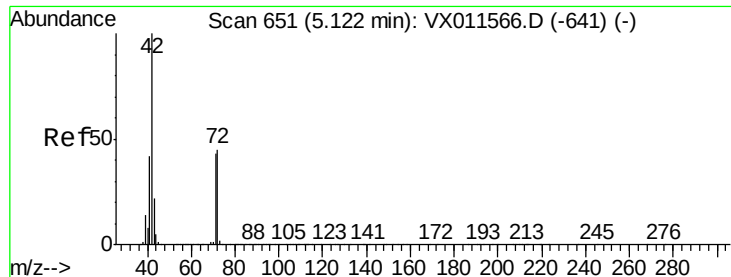
Tgt Ion:	84	Resp:	24182
Ion	Ratio	Lower	Upper
84	100		
49	105.4	92.4	138.6
51	35.0	28.5	42.7
86	63.6	51.0	76.6



#25
2-Butanone
Concen: 0.815 ug/l
RT: 4.68 min Scan# 578
Delta R.T. 0.01 min
Lab File: VX011744.D
Acq: 22 Aug 2019 01:05

Tgt Ion:	43	Resp:	2660
Ion	Ratio	Lower	Upper
43	100		
72	15.5	22.2	33.4#





#29

Tetrahydrofuran

Concen: 0.718 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.01 min

Lab File: VX011744.D

Acq: 22 Aug 2019 01:05

Instrument :

MSVOA_X

ClientSampled :

SU-03-081919

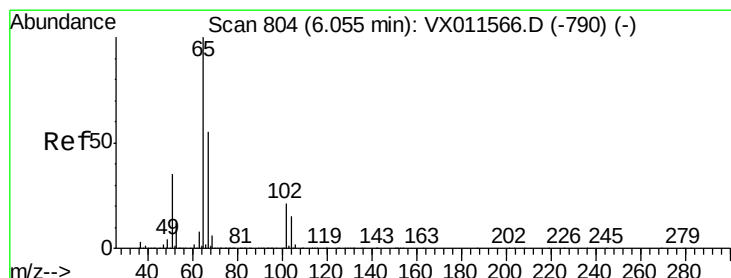
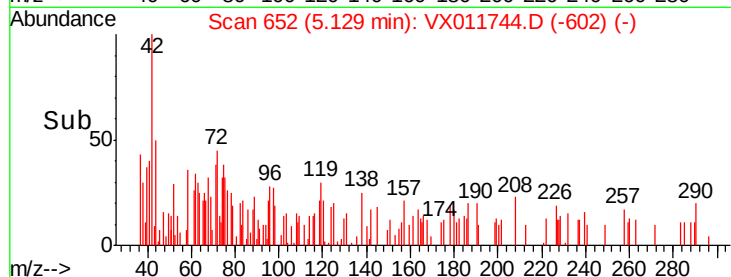
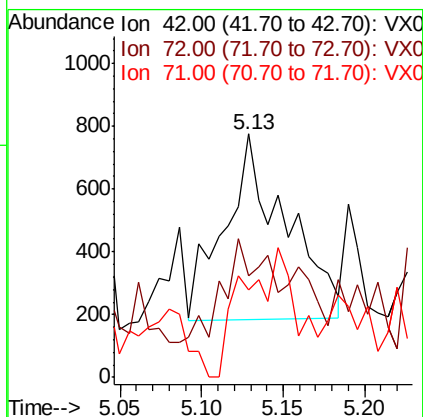
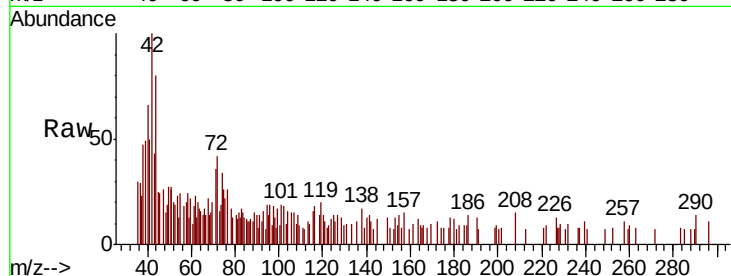
Tgt Ion: 42 Resp: 1537

Ion Ratio Lower Upper

42 100

72 43.9 36.1 54.1

71 0.0 33.8 50.8#



#33

1,2-Dichloroethane-d4

Concen: 58.678 ug/l

RT: 6.05 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX011744.D

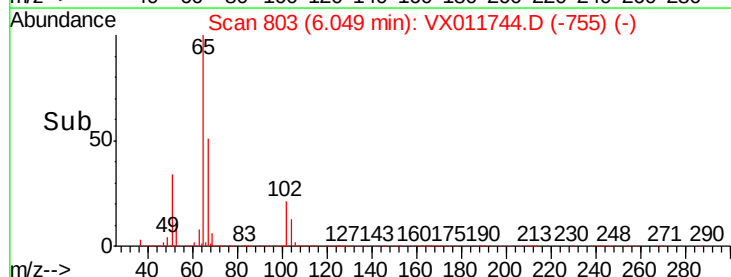
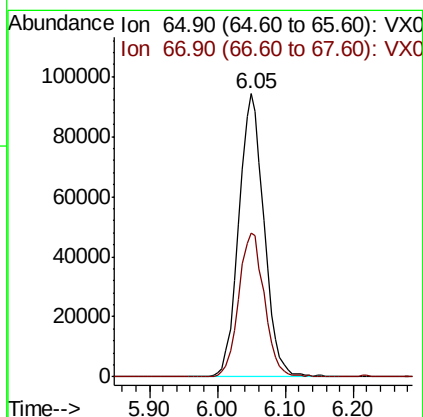
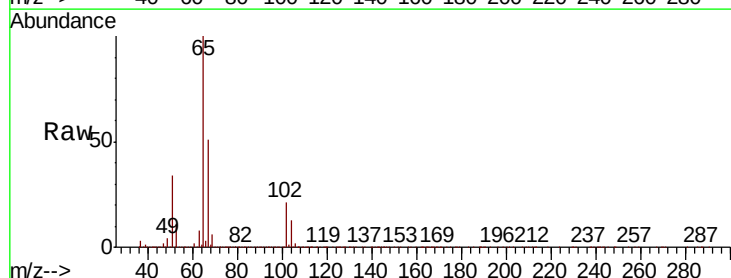
Acq: 22 Aug 2019 01:05

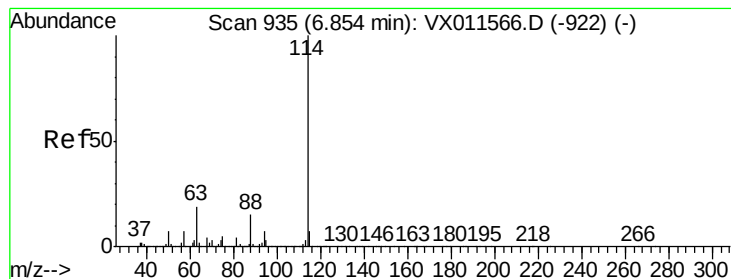
Tgt Ion: 65 Resp: 242564

Ion Ratio Lower Upper

65 100

67 51.1 0.0 107.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 934

Delta R.T. -0.01 min

Lab File: VX011744.D

Acq: 22 Aug 2019 01:05

Instrument :

MSVOA_X

ClientSampleId :

SU-03-081919

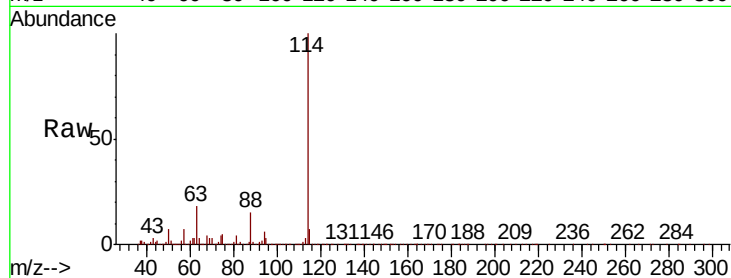
Tgt Ion:114 Resp: 647666

Ion Ratio Lower Upper

114 100

63 17.9 0.0 37.8

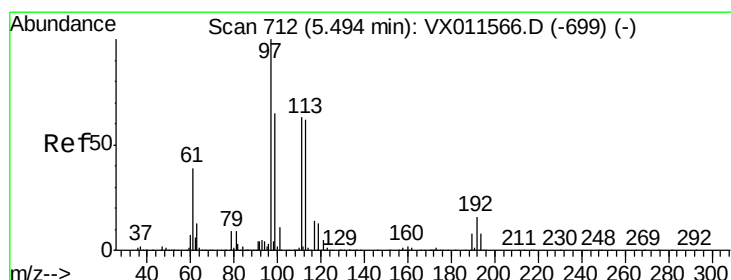
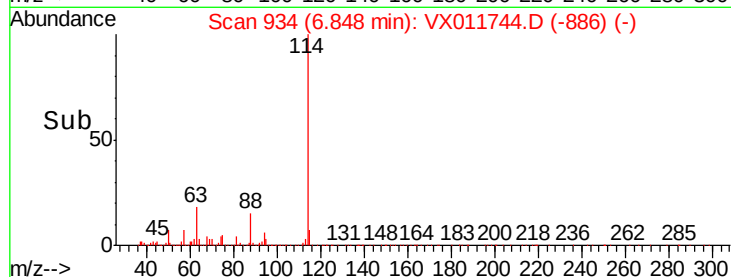
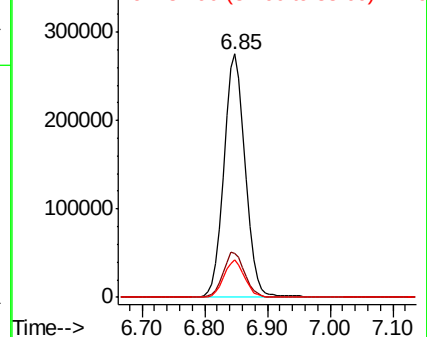
88 15.3 0.0 30.2



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: 49.487 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011744.D

Acq: 22 Aug 2019 01:05

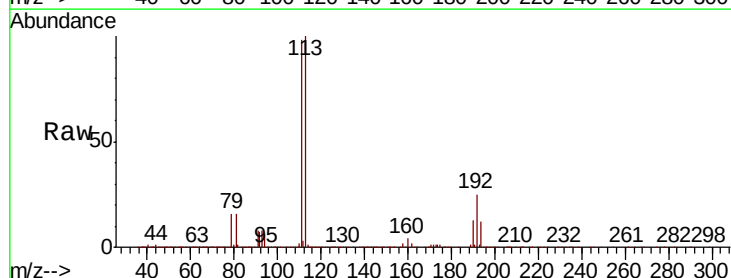
Tgt Ion:113 Resp: 209636

Ion Ratio Lower Upper

113 100

111 100.6 81.1 121.7

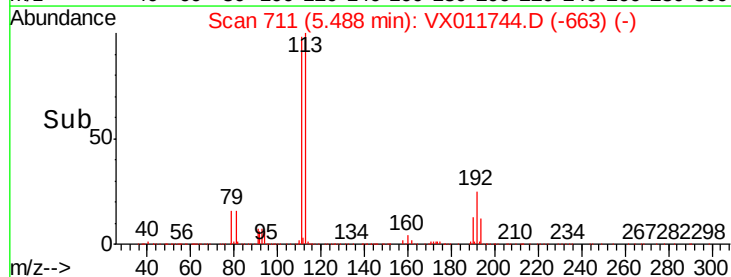
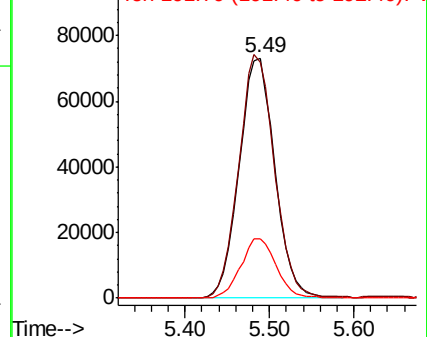
192 24.6 20.8 31.2

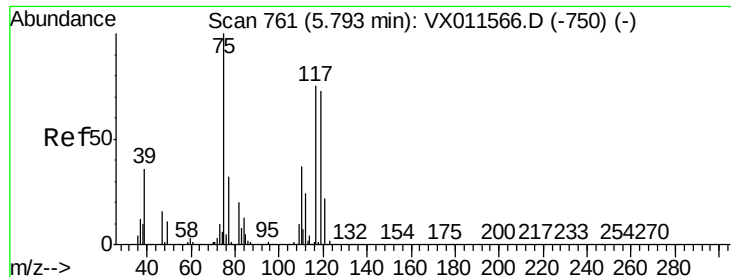


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

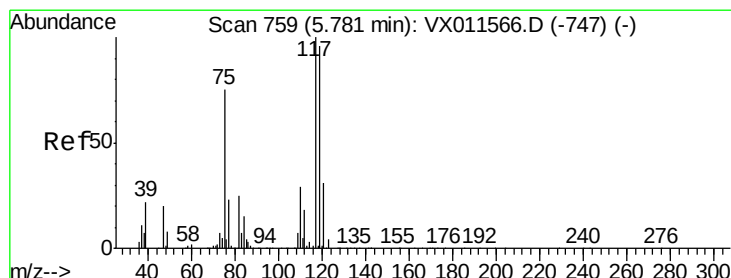
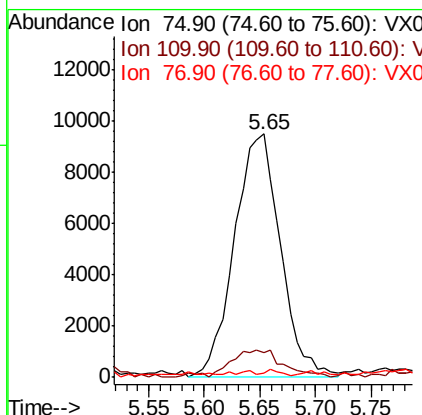
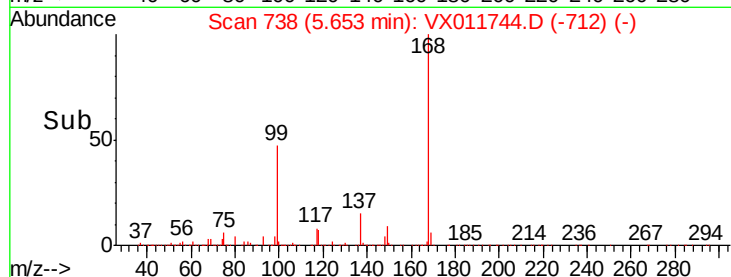
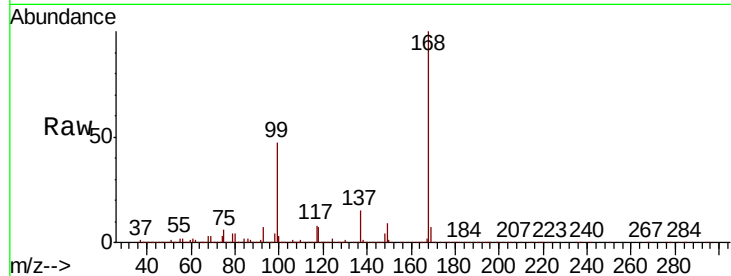




#36
 1,1-Dichloropropene
 Concen: 4.951 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.14 min
 Lab File: VX011744.D
 Acq: 22 Aug 2019 01:05

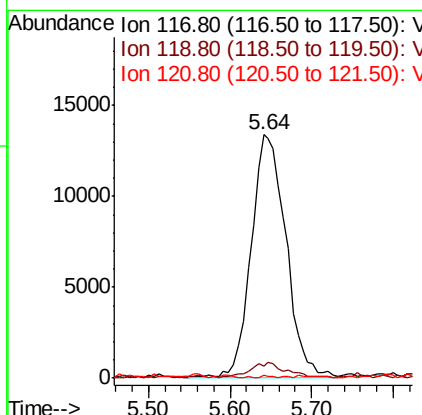
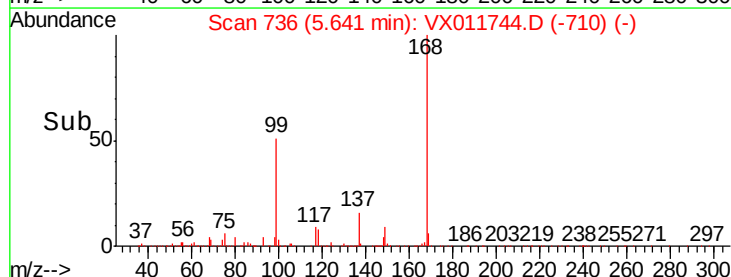
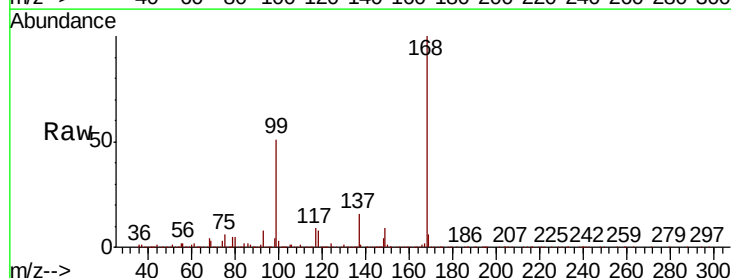
Instrument :
 MSVOA_X
 ClientSampleId :
 SU-03-081919

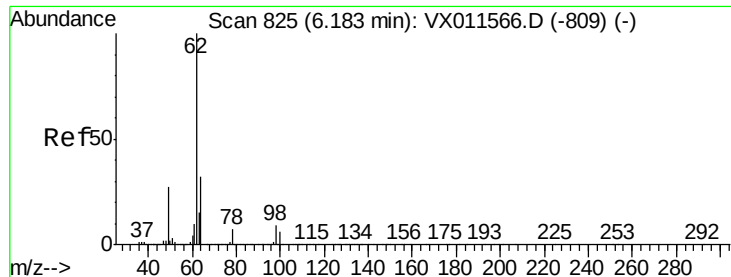
Tgt Ion: 75 Resp: 27414
 Ion Ratio Lower Upper
 75 100
 110 12.4 19.4 58.1#
 77 0.8 25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 6.531 ug/l
 RT: 5.64 min Scan# 736
 Delta R.T. -0.14 min
 Lab File: VX011744.D
 Acq: 22 Aug 2019 01:05

Tgt Ion: 117 Resp: 39845
 Ion Ratio Lower Upper
 117 100
 119 4.6 76.9 115.3#
 121 1.2 24.8 37.2#





#42

1,2-Dichloroethane

Concen: 0.255 ug/l

RT: 6.18 min Scan# 825

Delta R.T. 0.00 min

Lab File: VX011744.D

Acq: 22 Aug 2019 01:05

Instrument :

MSVOA_X

ClientSampled :

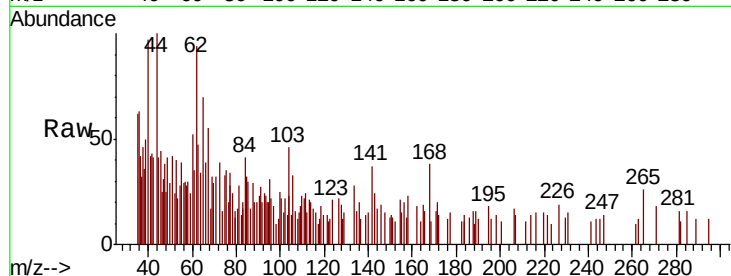
SU-03-081919

Tgt Ion: 62 Resp: 1521

Ion Ratio Lower Upper

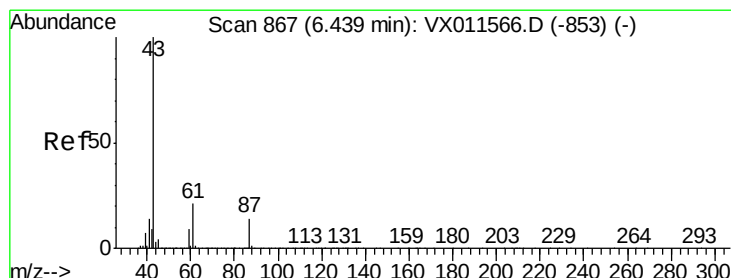
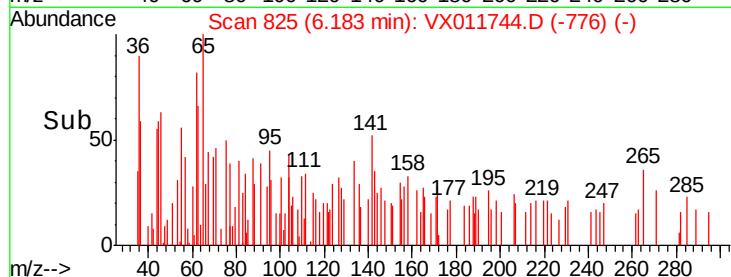
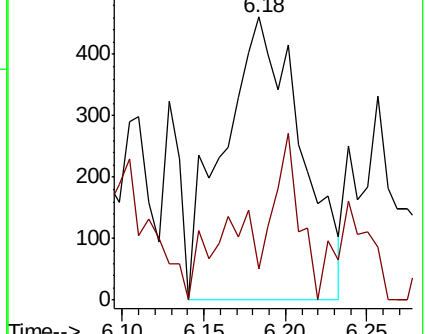
62 100

98 17.0 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#43

Isopropyl Acetate

Concen: 7.527 ug/l

RT: 6.43 min Scan# 865

Delta R.T. -0.01 min

Lab File: VX011744.D

Acq: 22 Aug 2019 01:05

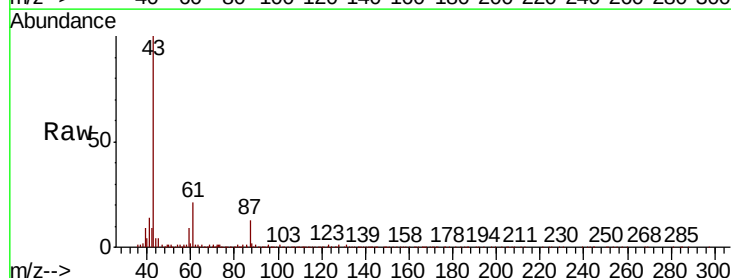
Tgt Ion: 43 Resp: 74819

Ion Ratio Lower Upper

43 100

61 21.4 16.6 24.8

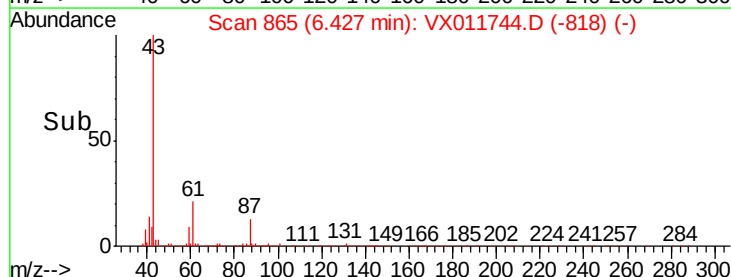
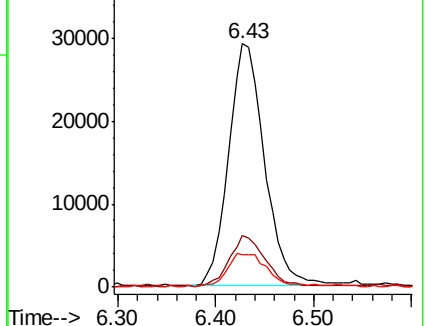
87 15.2 11.4 17.2

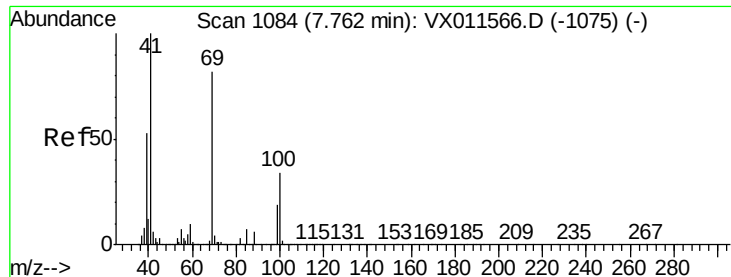


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

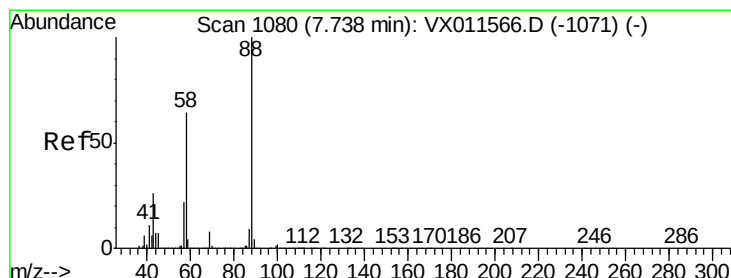
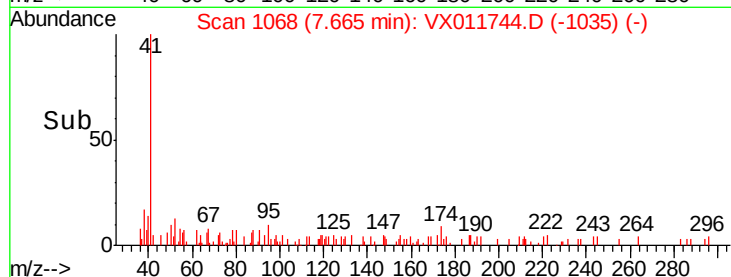
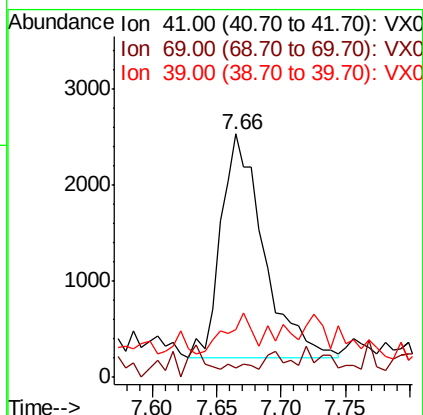
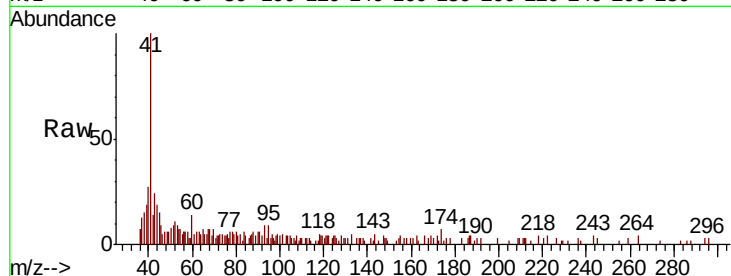




#48
Methyl methacrylate
Concen: 1.103 ug/l
RT: 7.66 min Scan# 1068
Delta R.T. -0.10 min
Lab File: VX011744.D
Acq: 22 Aug 2019 01:05

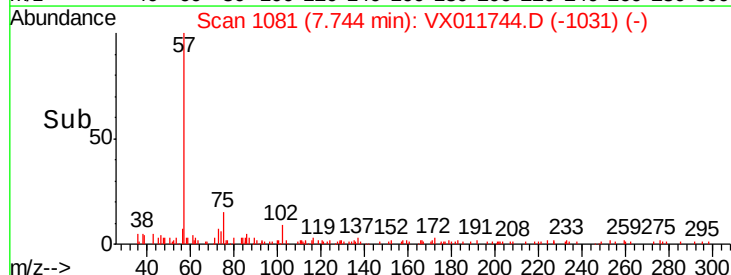
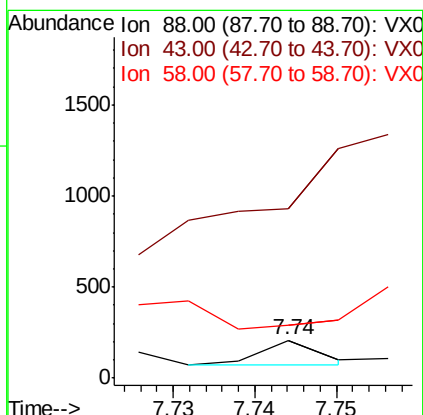
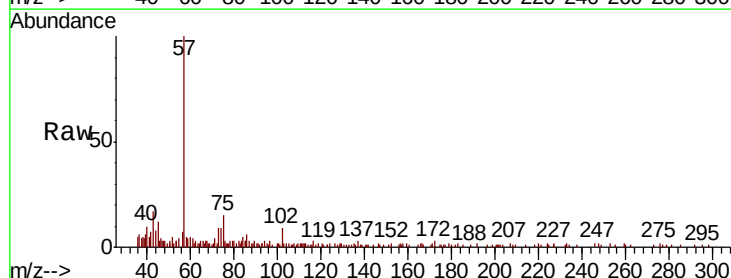
Instrument :
MSVOA_X
ClientSampleId :
SU-03-081919

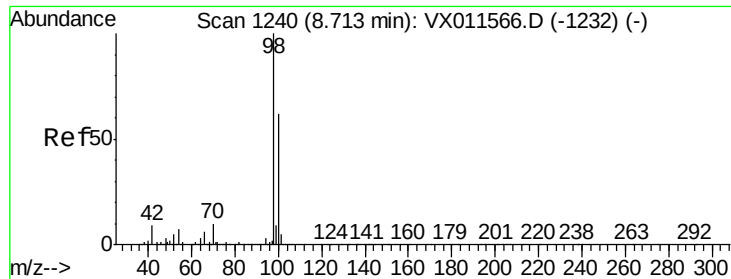
Tgt Ion: 41 Resp: 5428
Ion Ratio Lower Upper
41 100
69 0.0 67.9 101.9#
39 0.0 41.6 62.4#



#49
1,4-Dioxane
Concen: 0.496 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX011744.D
Acq: 22 Aug 2019 01:05

Tgt Ion: 88 Resp: 65
Ion Ratio Lower Upper
88 100
43 0.0 23.4 35.0#
58 0.0 54.3 81.5#

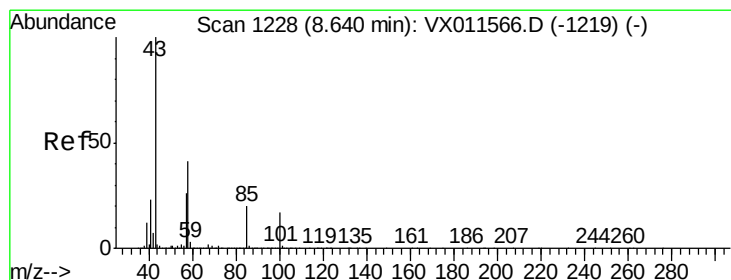
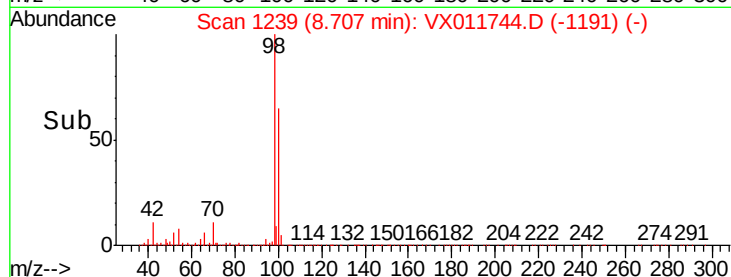
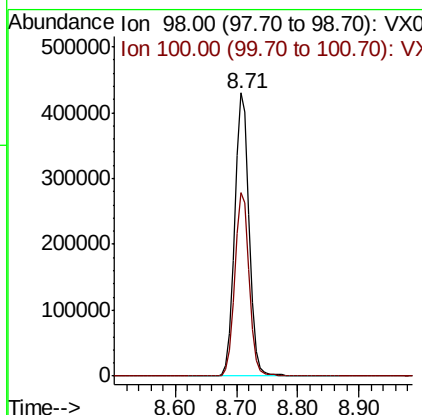
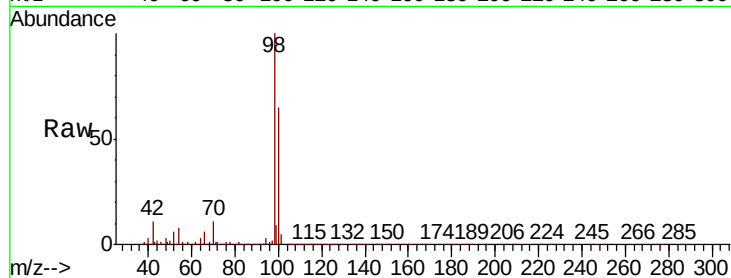




#50
Toluene-d8
Concen: 51.701 ug/l
RT: 8.71 min Scan# 1239
Delta R.T. -0.01 min
Lab File: VX011744.D
Acq: 22 Aug 2019 01:05

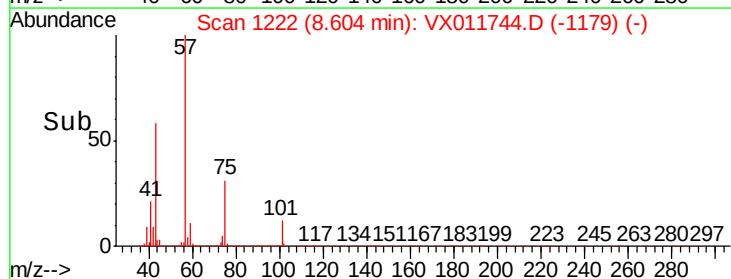
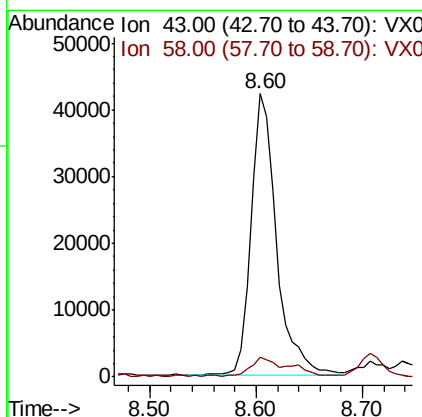
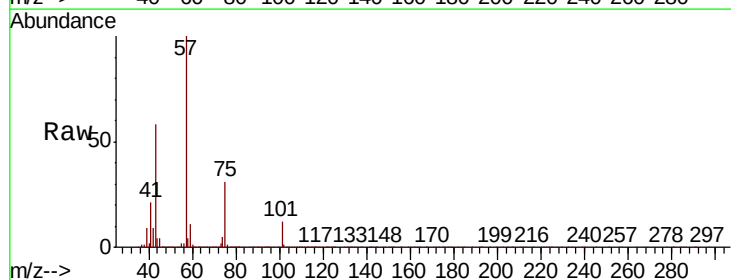
Instrument :
MSVOA_X
ClientSampleId :
SU-03-081919

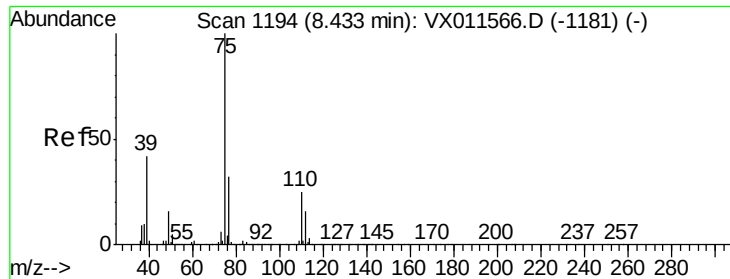
Tgt Ion: 98 Resp: 682413
Ion Ratio Lower Upper
98 100
100 64.4 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 10.850 ug/l
RT: 8.60 min Scan# 1222
Delta R.T. -0.04 min
Lab File: VX011744.D
Acq: 22 Aug 2019 01:05

Tgt Ion: 43 Resp: 70591
Ion Ratio Lower Upper
43 100
58 10.1 31.8 47.6#

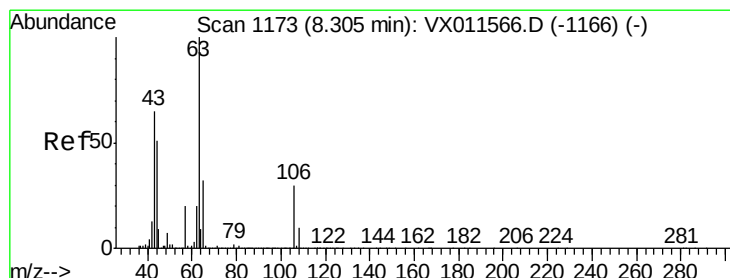
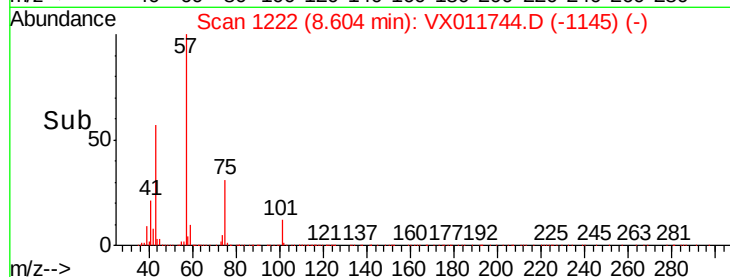
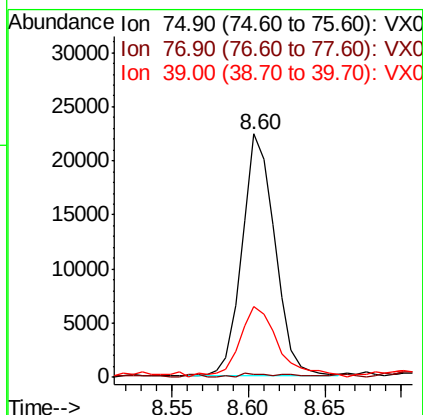
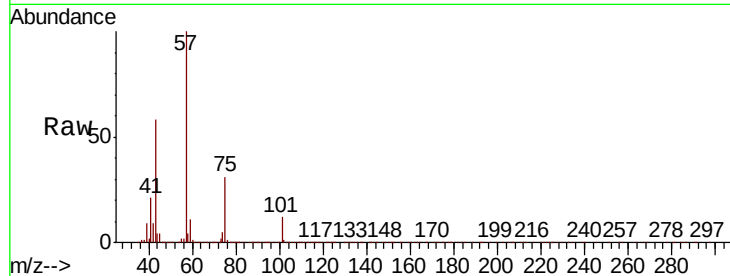




#54
 cis-1,3-Dichloropropene
 Concen: 5.151 ug/l
 RT: 8.60 min Scan# 1222
 Delta R.T. 0.17 min
 Lab File: VX011744.D
 Acq: 22 Aug 2019 01:05

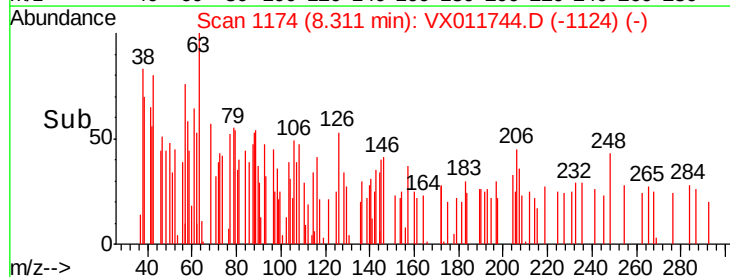
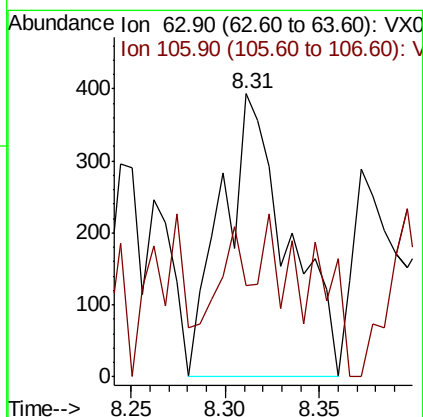
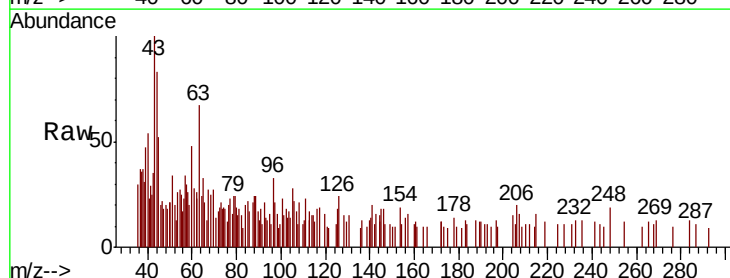
Instrument :
 MSVOA_X
 ClientSampleId :
 SU-03-081919

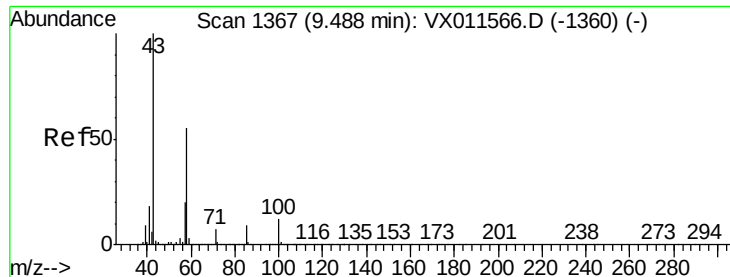
Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.1	25.5	38.3#
39	28.0	33.6	50.4#



#58
 2-Chloroethyl Vinyl ether
 Concen: 0.282 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.01 min
 Lab File: VX011744.D
 Acq: 22 Aug 2019 01:05

Tgt Ion	Ratio	Lower	Upper
63	100		
106	14.9	24.7	37.1#

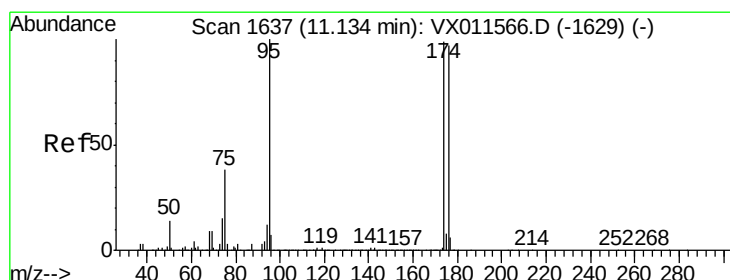
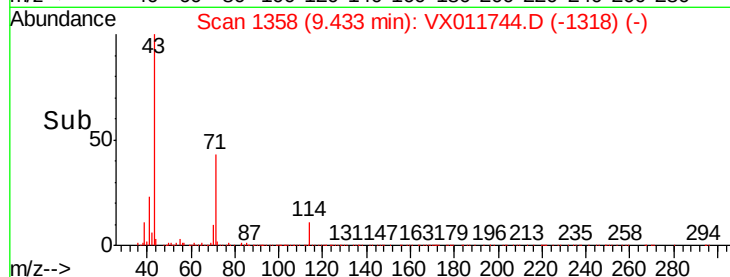
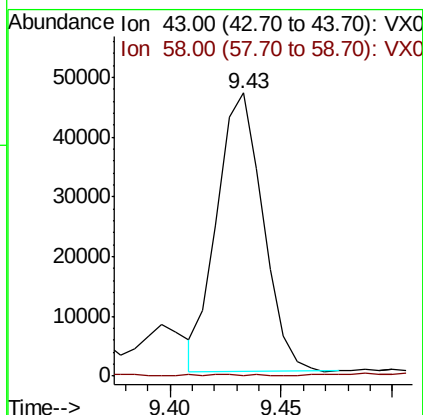
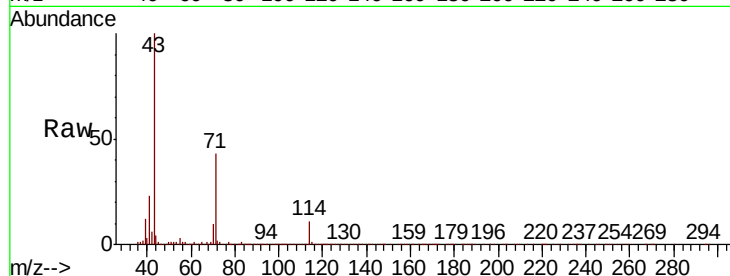




#59
2-Hexanone
Concen: 13.338 ug/l
RT: 9.43 min Scan# 1358
Delta R.T. -0.05 min
Lab File: VX011744.D
Acq: 22 Aug 2019 01:05

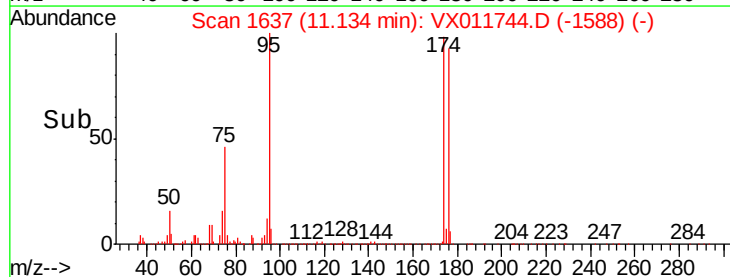
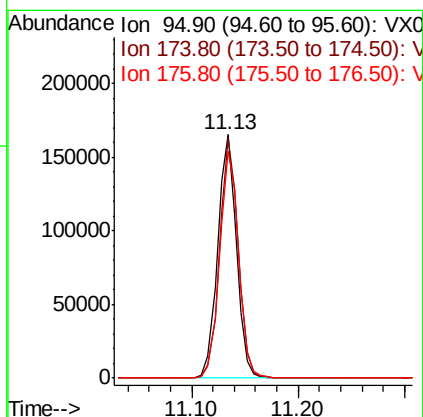
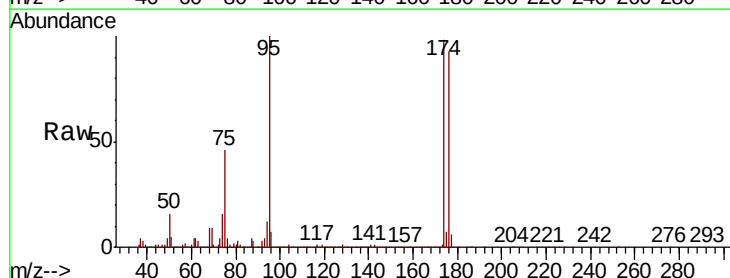
Instrument :
MSVOA_X
ClientSampleId :
SU-03-081919

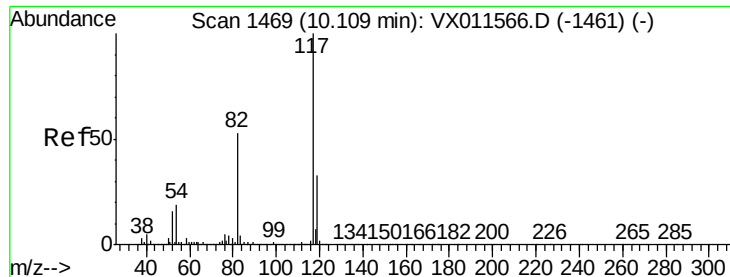
Tgt Ion: 43 Resp: 66917
Ion Ratio Lower Upper
43 100
58 0.0 27.5 82.4#



#62
4-Bromofluorobenzene
Concen: 36.226 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011744.D
Acq: 22 Aug 2019 01:05

Tgt Ion: 95 Resp: 201820
Ion Ratio Lower Upper
95 100
174 97.9 0.0 200.6
176 94.8 0.0 196.6

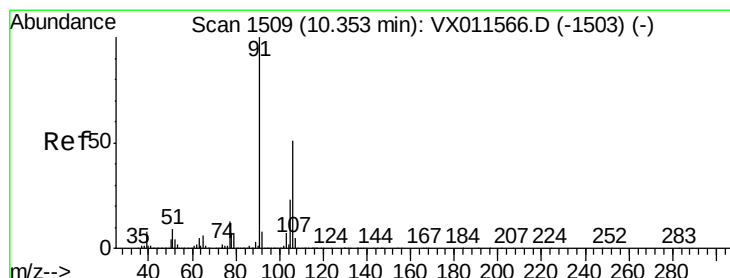
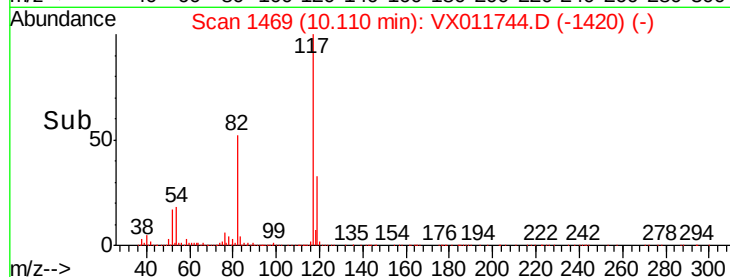
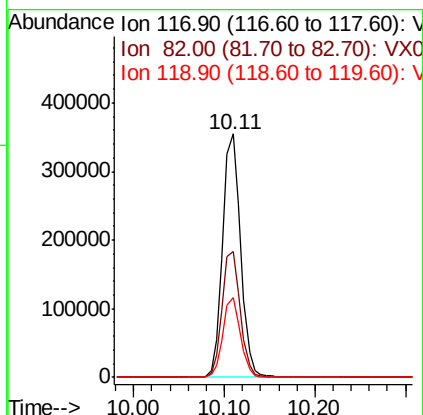
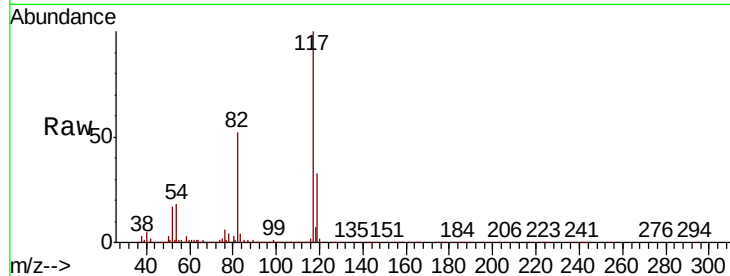




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011744.D
Acq: 22 Aug 2019 01:05

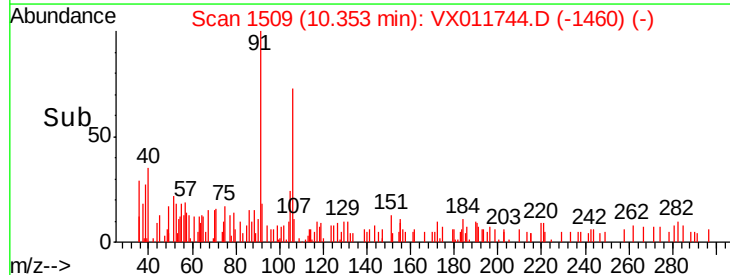
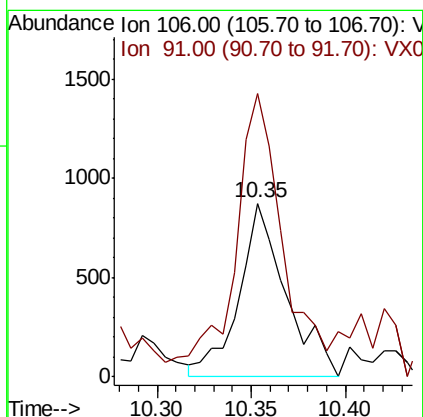
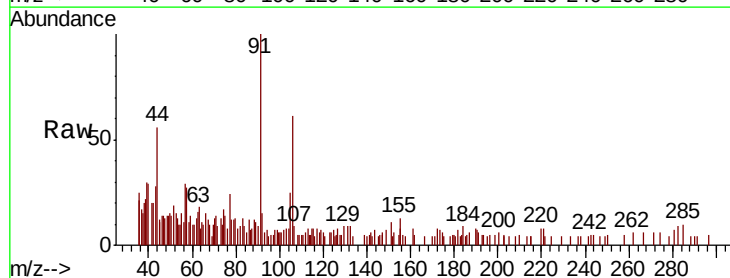
Instrument :
MSVOA_X
ClientSampleId :
SU-03-081919

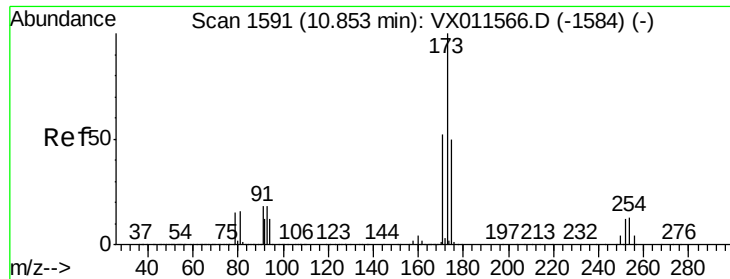
Tgt Ion:117 Resp: 492282
Ion Ratio Lower Upper
117 100
82 51.7 42.0 63.0
119 33.0 26.5 39.7



#68
m/p-Xylenes
Concen: 0.226 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. 0.00 min
Lab File: VX011744.D
Acq: 22 Aug 2019 01:05

Tgt Ion:106 Resp: 1519
Ion Ratio Lower Upper
106 100
91 149.6 156.0 234.0#





#71

Bromoform

Concen: 3.362 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011744.D

Acq: 22 Aug 2019 01:05

Instrument :

MSVOA_X

ClientSampleId :

SU-03-081919

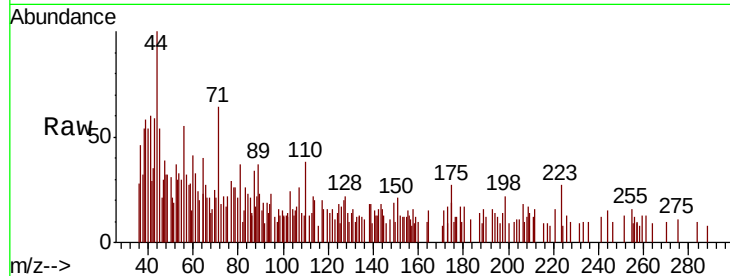
Tgt Ion:173 Resp: 287

Ion Ratio Lower Upper

173 100

175 0.0 24.9 74.7#

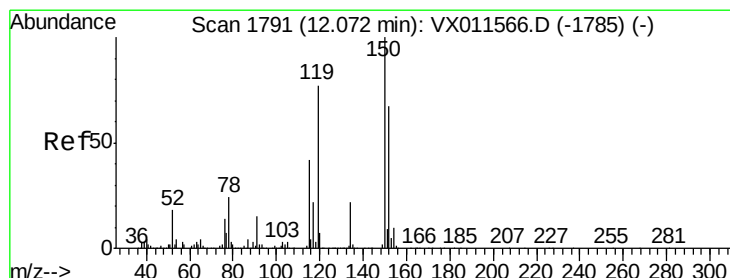
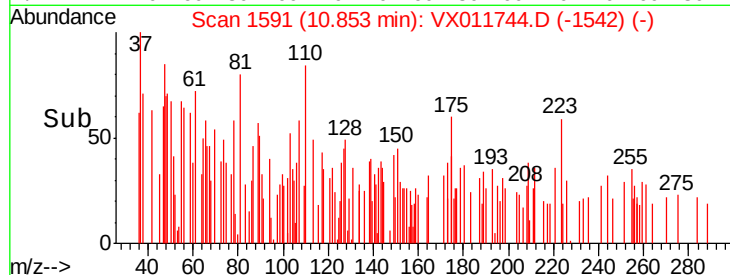
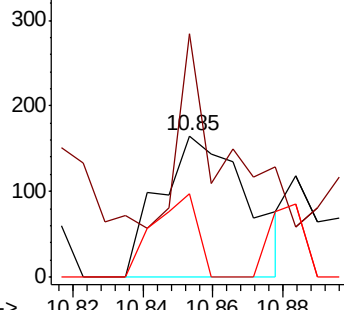
254 29.6 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX011744.D

Acq: 22 Aug 2019 01:05

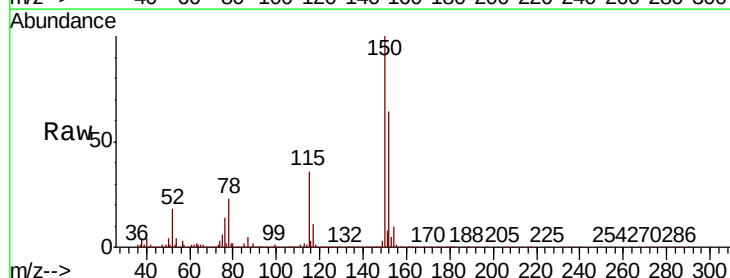
Tgt Ion:152 Resp: 170993

Ion Ratio Lower Upper

152 100

115 54.4 37.3 111.9

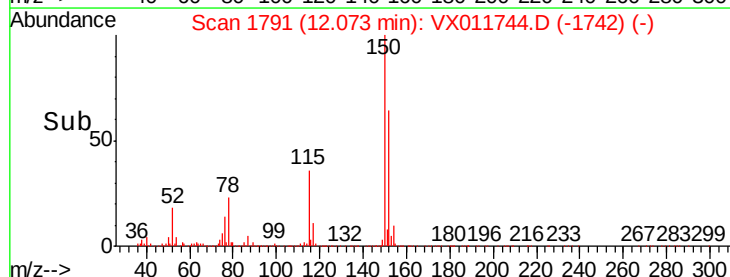
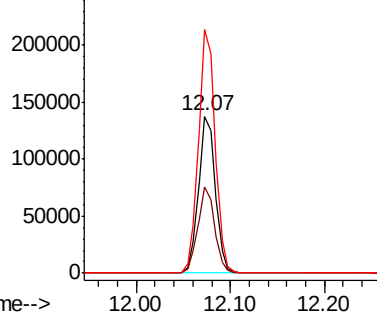
150 153.9 0.0 346.2

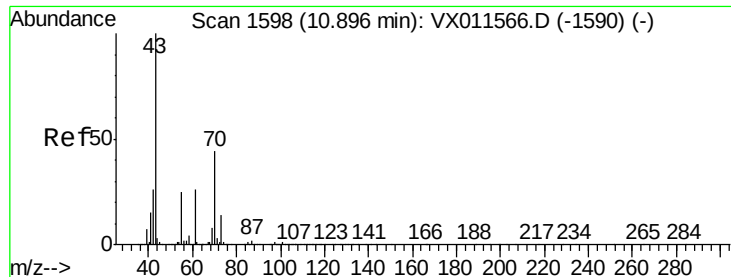


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-ethyl acetate

Concen: 0.686 ug/l

RT: 10.82 min Scan# 1586

Delta R.T. -0.07 min

Lab File: VX011744.D

Acq: 22 Aug 2019 01:05

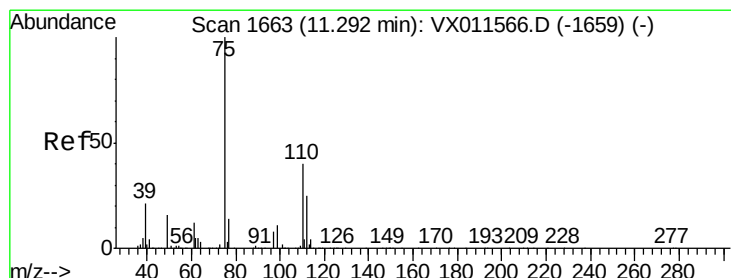
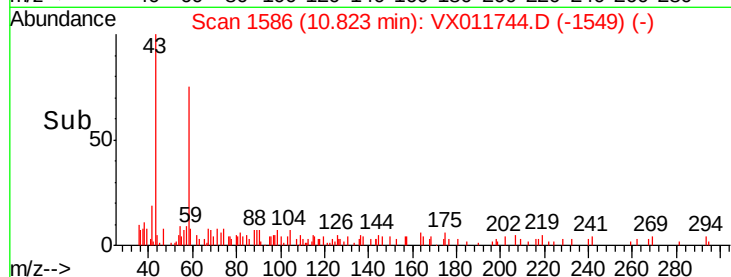
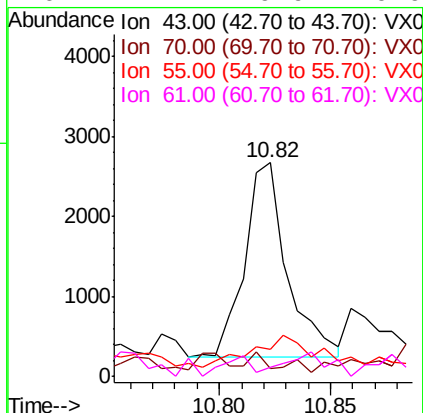
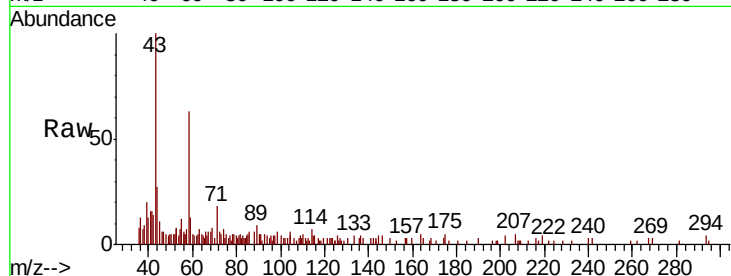
Instrument :

MSVOA_X

ClientSampleId :

SU-03-081919

Tgt Ion:	43	Resp:	3236
Ion	Ratio	Lower	Upper
43	100		
70	1.8	34.7	52.1#
55	24.9	19.6	29.4
61	11.2	19.9	29.9#



#76

1,2,3-Trichloropropane

Concen: 29.454 ug/l

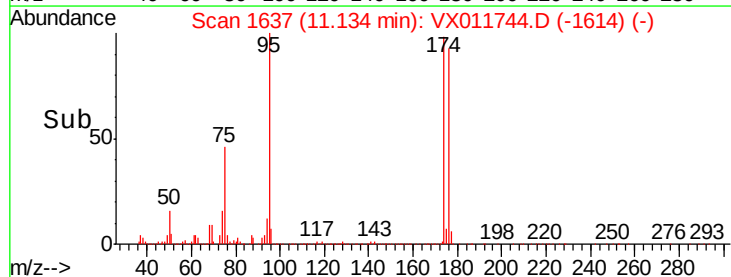
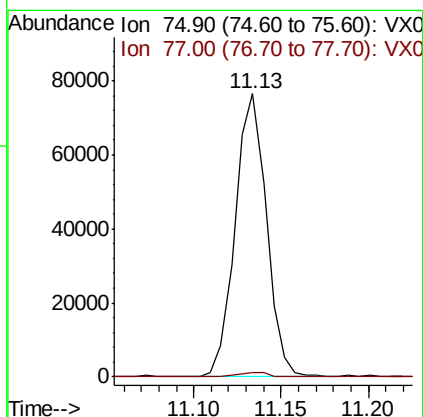
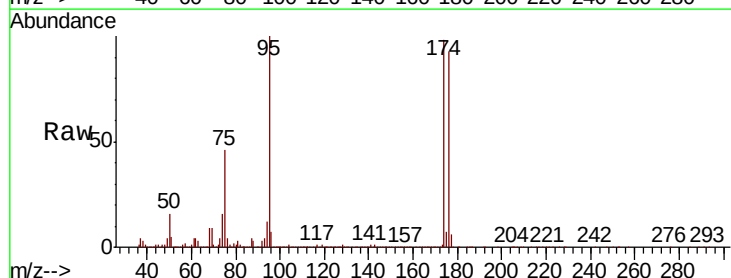
RT: 11.13 min Scan# 1637

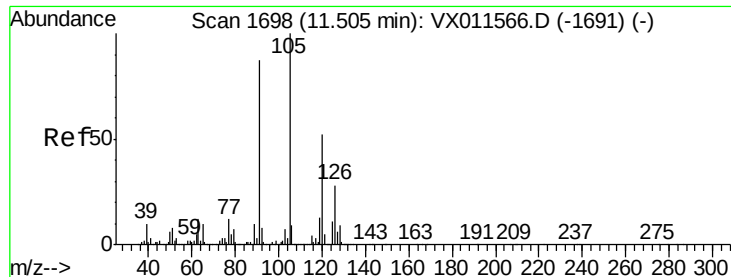
Delta R.T. -0.16 min

Lab File: VX011744.D

Acq: 22 Aug 2019 01:05

Tgt Ion:	75	Resp:	95502
Ion	Ratio	Lower	Upper
75	100		
77	1.9	20.9	62.8#

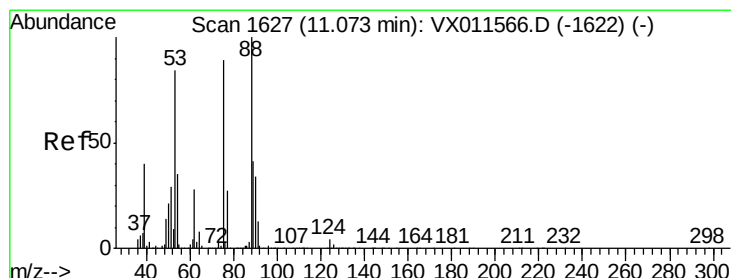
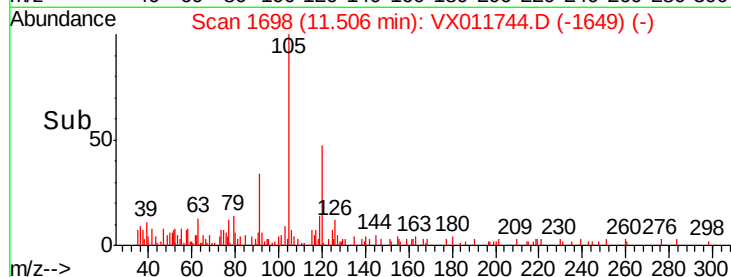
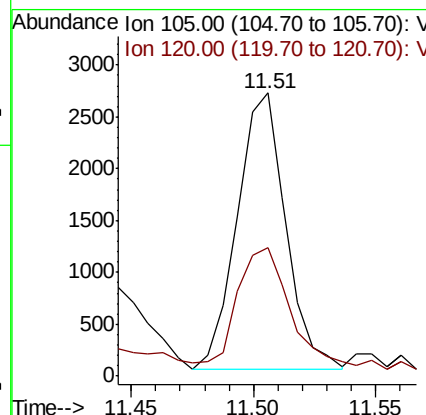
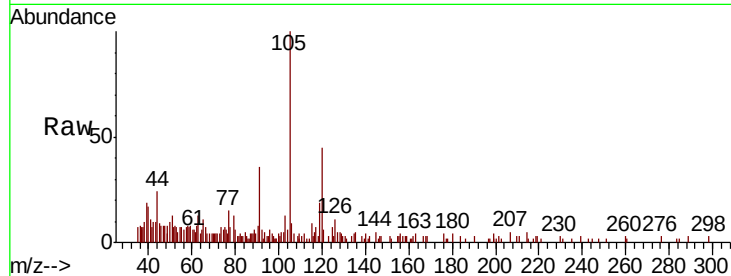




#80
 1,3,5-Trimethylbenzene
 Concen: 0.396 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX011744.D
 Acq: 22 Aug 2019 01:05

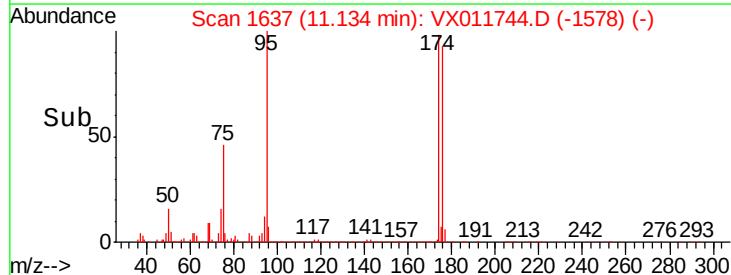
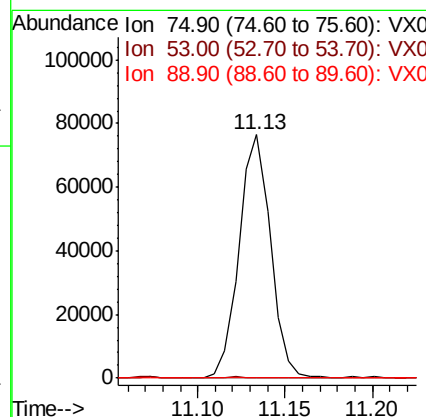
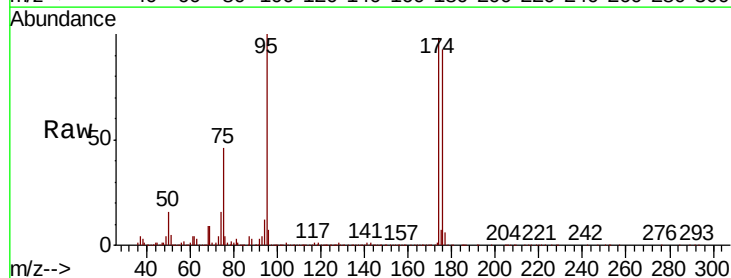
Instrument :
 MSVOA_X
 ClientSampleId :
 SU-03-081919

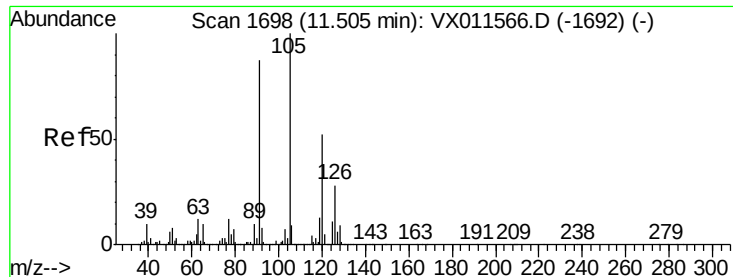
Tgt Ion: 105 Resp: 3688
 Ion Ratio Lower Upper
 105 100
 120 50.4 25.3 75.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.116 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX011744.D
 Acq: 22 Aug 2019 01:05

Tgt Ion: 75 Resp: 95502
 Ion Ratio Lower Upper
 75 100
 53 0.2 77.4 116.0#
 89 0.2 37.3 55.9#





#82

4-Chlorotoluene

Concen: 0.206 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011744.D

Acq: 22 Aug 2019 01:05

Instrument :

MSVOA_X

ClientSampled :

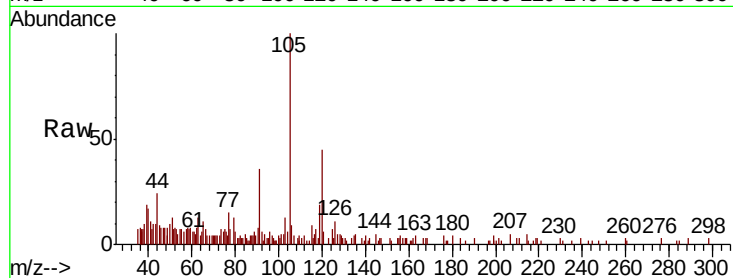
SU-03-081919

Tgt Ion: 91 Resp: 1754

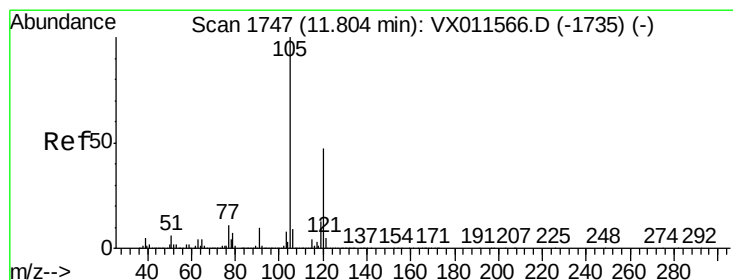
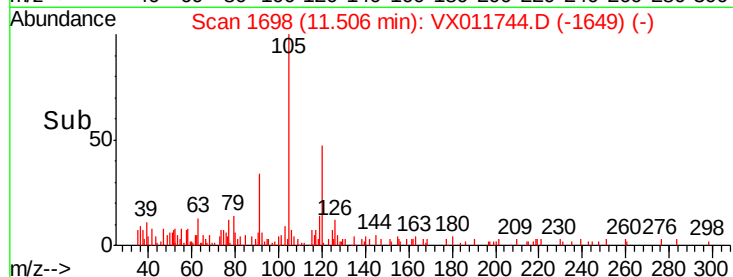
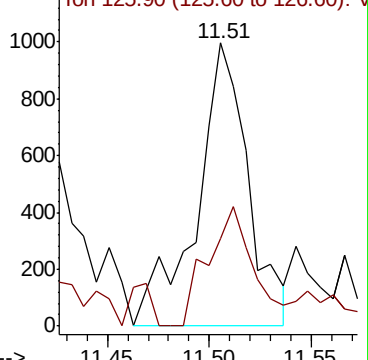
Ion Ratio Lower Upper

91 100

126 37.3 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VX011744.D (-1698) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.305 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX011744.D

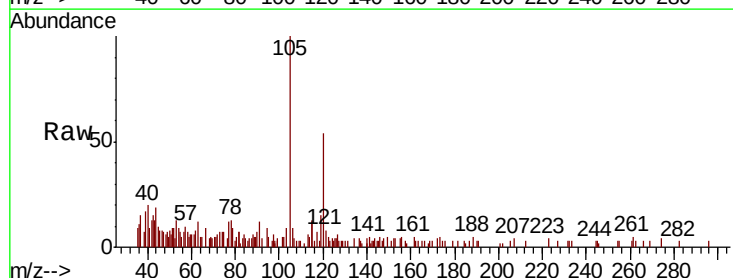
Acq: 22 Aug 2019 01:05

Tgt Ion: 105 Resp: 2852

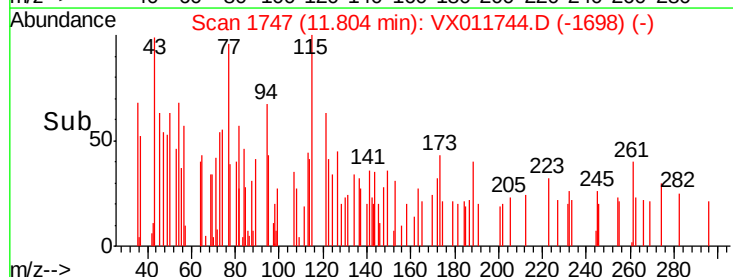
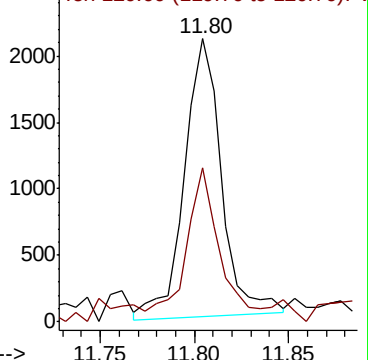
Ion Ratio Lower Upper

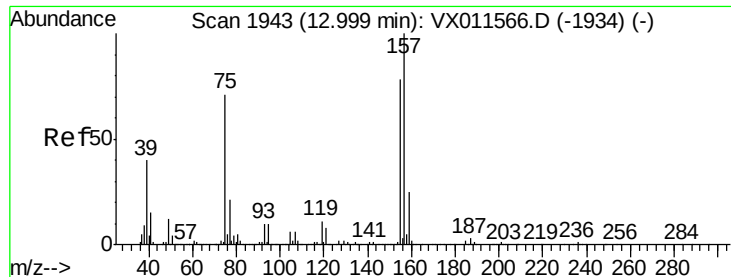
105 100

120 40.1 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): VX011744.D (-1698) (-)





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.279 ug/l

RT: 12.87 min Scan# 1922

Delta R.T. -0.13 min

Lab File: VX011744.D

Acq: 22 Aug 2019 01:05

Instrument :

MSVOA_X

ClientSampleId :

SU-03-081919

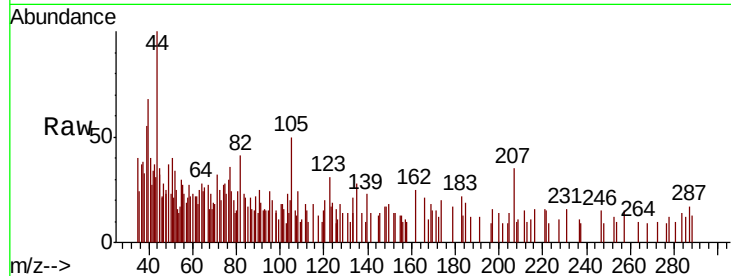
Tgt Ion: 75 Resp: 244

Ion Ratio Lower Upper

75 100

155 96.7 53.0 159.0

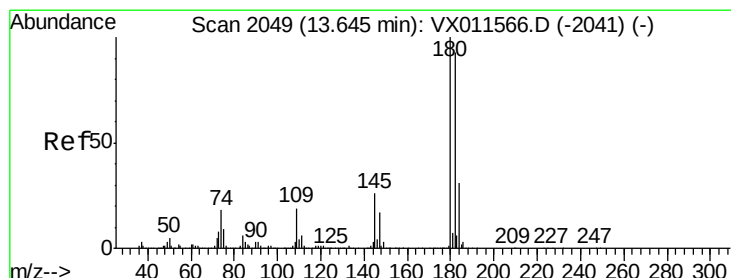
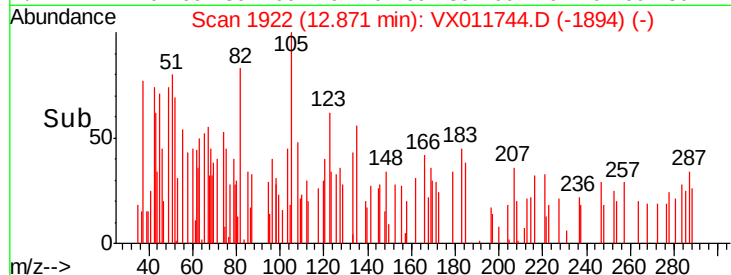
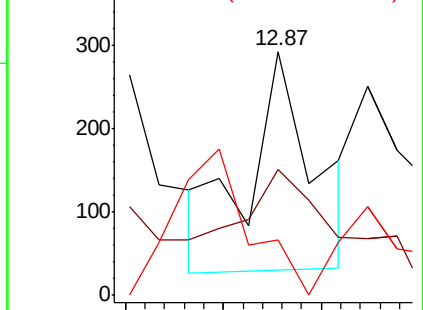
157 75.8 68.3 205.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 0.296 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX011744.D

Acq: 22 Aug 2019 01:05

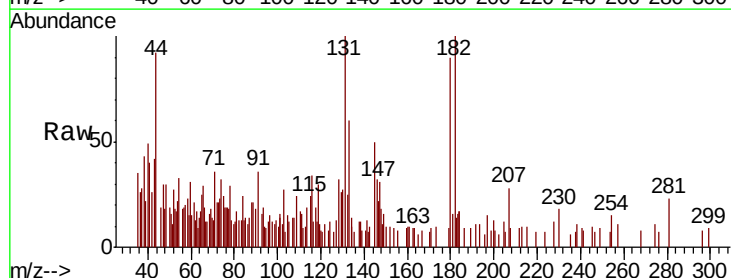
Tgt Ion: 180 Resp: 1257

Ion Ratio Lower Upper

180 100

182 98.3 47.3 142.0

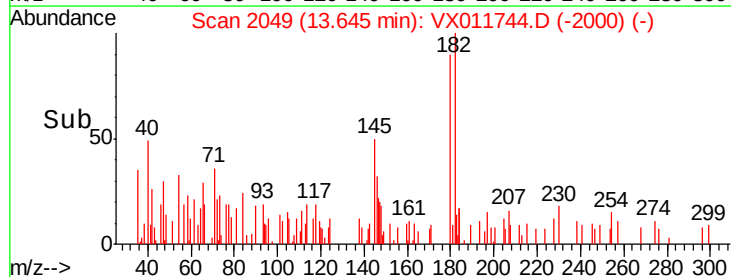
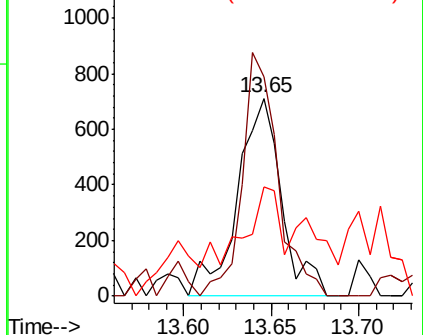
145 31.5 13.6 40.8

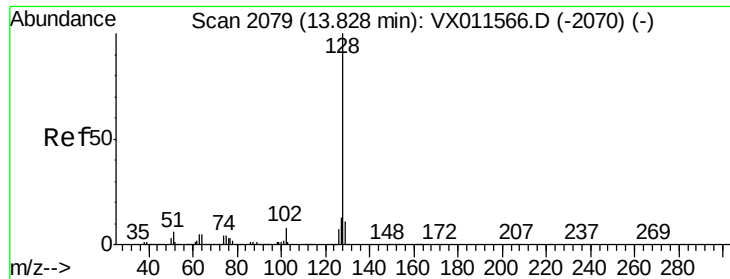


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 0.419 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VX011744.D

Acq: 22 Aug 2019 01:05

Instrument :

MSVOA_X

ClientSampleId :

SU-03-081919

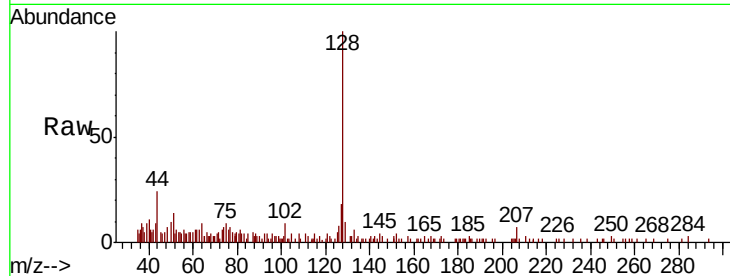
Tgt Ion:128 Resp: 5029

Ion Ratio Lower Upper

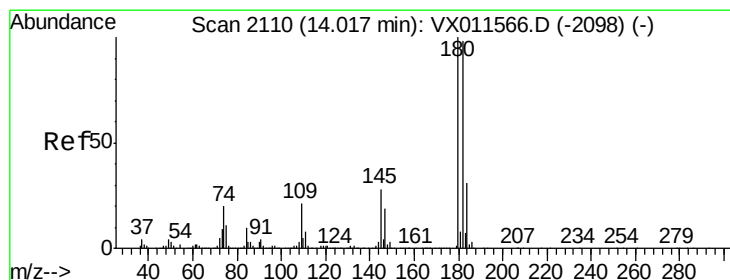
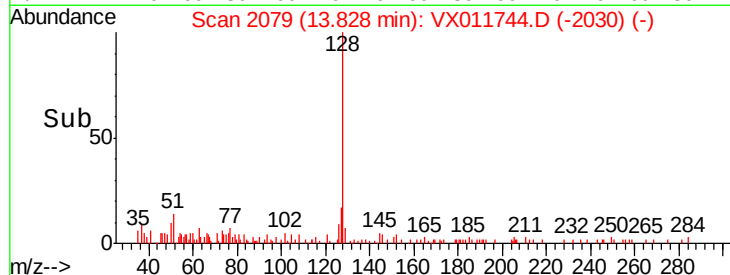
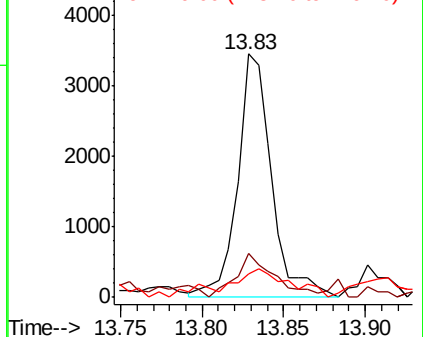
128 100

127 20.4 10.3 15.5#

129 17.3 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.248 ug/l

RT: 14.01 min Scan# 2109

Delta R.T. -0.01 min

Lab File: VX011744.D

Acq: 22 Aug 2019 01:05

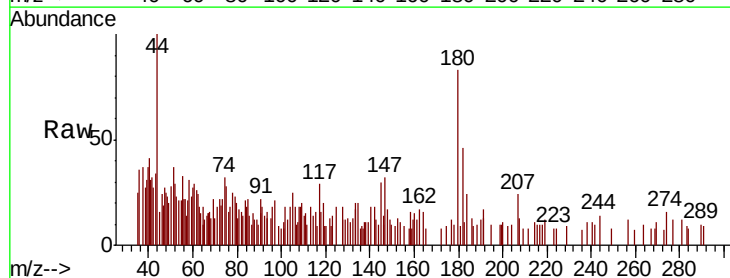
Tgt Ion:180 Resp: 1063

Ion Ratio Lower Upper

180 100

182 86.0 48.0 144.0

145 27.0 14.6 43.8



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

