

Data File : VX008835.D
Acq On : 11 Apr 2019 03:51
Operator : JC/SP
Sample : K2203-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SU-04-040919-B

Quant Time: Apr 11 06:02:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	197805	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	321195	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	290053	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	126479	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	131507	45.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.16%	
35) Dibromofluoromethane	5.50	113	97831	47.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.28%	
50) Toluene-d8	8.71	98	410673	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
62) 4-Bromofluorobenzene	11.13	95	142552	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	

Target Compounds					Qvalue	
3) Chloromethane	1.32	50	904	Below Cal	#	78
5) Bromomethane	1.64	94	245	2.041	ug/l #	50
6) Chloroethane	1.73	64	130	Below Cal	#	43
8) Diethyl Ether	2.18	74	377	0.234	ug/l	58
11) Tert butyl alcohol	3.05	59	449	0.665	ug/l	98
12) 1,1-Dichloroethene	2.37	96	609	0.266	ug/l	82
13) Acrolein	2.30	56	74	0.221	ug/l #	13
14) Allyl chloride	2.84	41	1490437	284.703	ug/l #	30
16) Acetone	2.44	43	38586	23.220	ug/l	100
17) Carbon Disulfide	2.57	76	618	Below Cal	#	75
18) Methyl Acetate	2.84	43	173779	43.119	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	1281	0.518	ug/l	84
25) 2-Butanone	4.68	43	2229	0.849	ug/l	98
28) Bromochloromethane	5.04	49	5098	Below Cal	#	90
29) Tetrahydrofuran	5.15	42	2115	1.213	ug/l #	89
30) Chloroform	5.21	83	1106	0.248	ug/l	86
36) 1,1-Dichloropropene	5.65	75	15926	4.536	ug/l #	51
38) Carbon Tetrachloride	5.66	117	19057	6.558	ug/l #	17
40) Benzene	6.13	78	2103	0.201	ug/l	100
43) Isopropyl Acetate	6.45	43	10155	1.383	ug/l	99
48) Methyl methacrylate	7.68	41	6421	1.729	ug/l #	18
49) 1,4-Dioxane	7.87	88	194	2.789	ug/l #	1
51) 4-Methyl-2-Pentanone	8.61	43	72596	15.361	ug/l #	51
52) Toluene	8.79	92	1719	0.279	ug/l	99
54) cis-1,3-Dichloropropene	8.62	75	30914	7.398	ug/l #	58
57) 1,3-Dichloropropane	9.54	76	7303	1.643	ug/l #	43
59) 2-Hexanone	9.54	43	115613	31.479	ug/l #	52
67) Ethyl Benzene	10.25	91	17699	1.476	ug/l	96
68) m/p-Xylenes	10.35	106	30032	6.967	ug/l	100
69) o-Xylene	10.69	106	12939	3.097	ug/l	99
73) Isopropylbenzene	11.02	105	2322	0.222	ug/l	89
74) N-amyl acetate	10.69	43	10847	1.759	ug/l #	59
76) 1,2,3-Trichloropropane	11.13	75	73306	21.098	ug/l #	34
78) n-propylbenzene	11.36	91	5506	0.451	ug/l	97

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QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

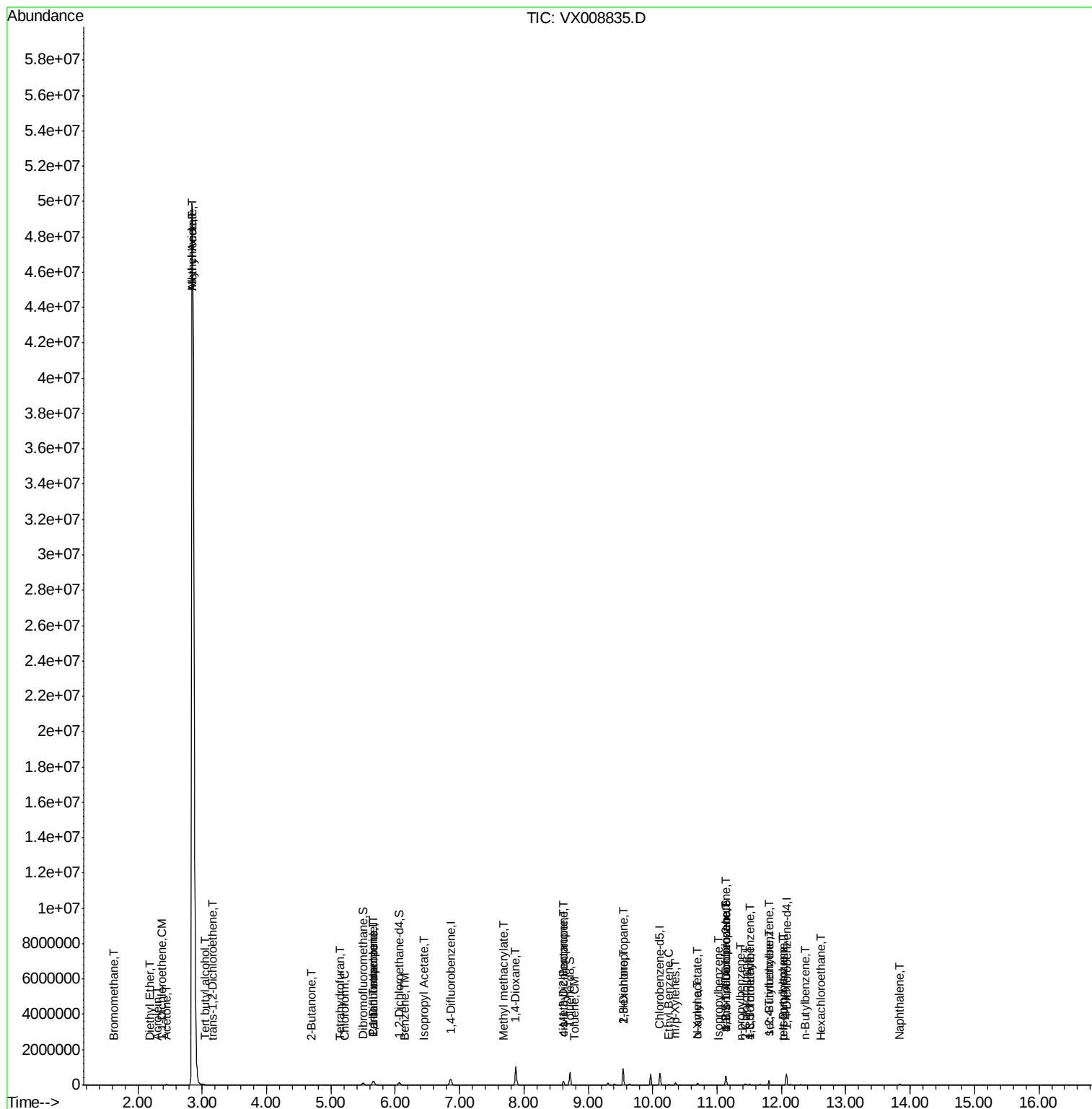
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) 2-Chlorotoluene	11.43	91	5989	0.811	ug/l #	52
80) 1,3,5-Trimethylbenzene	11.51	105	20676	2.350	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.13	75	73306	58.158	ug/l #	9
82) 4-Chlorotoluene	11.51	91	2389	0.279	ug/l #	47
83) tert-Butylbenzene	12.02	119	1857	0.219	ug/l	69
84) 1,2,4-Trimethylbenzene	11.80	105	102631	11.520	ug/l	100
85) sec-Butylbenzene	11.80	105	102631	10.207	ug/l #	58
86) p-Isopropyltoluene	12.02	119	1914	0.212	ug/l	87
89) n-Butylbenzene	12.37	91	2370	0.280	ug/l #	11
90) Hexachloroethane	12.61	117	366	0.245	ug/l #	9
95) Naphthalene	13.83	128	30989	2.977	ug/l	100

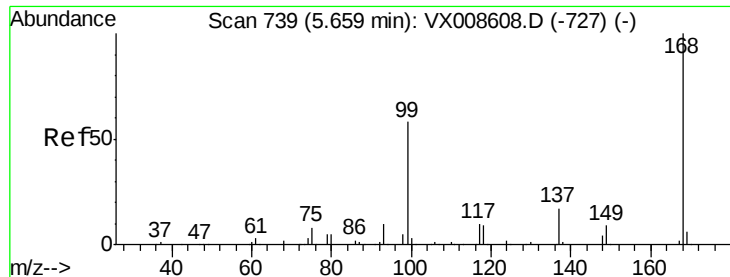
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

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Instrument :

MSVOA_X

ClientSampleId :

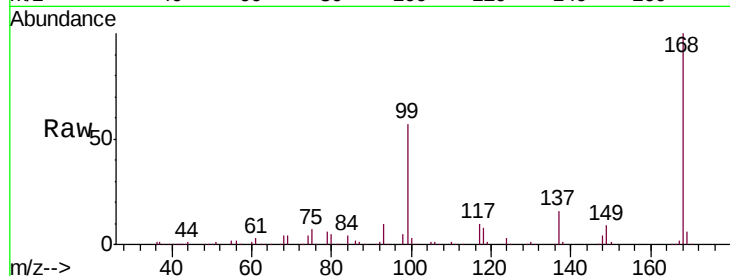
SU-04-040919-B

Tgt Ion:168 Resp: 197805

Ion Ratio Lower Upper

168 100

99 57.0 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

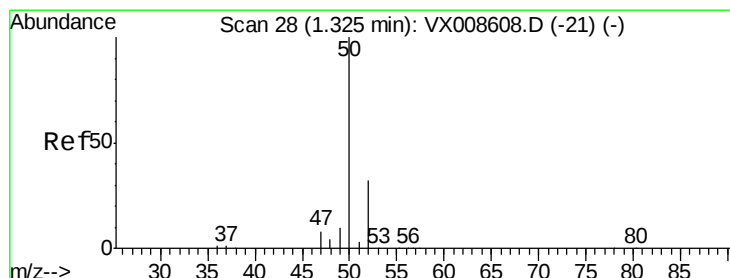
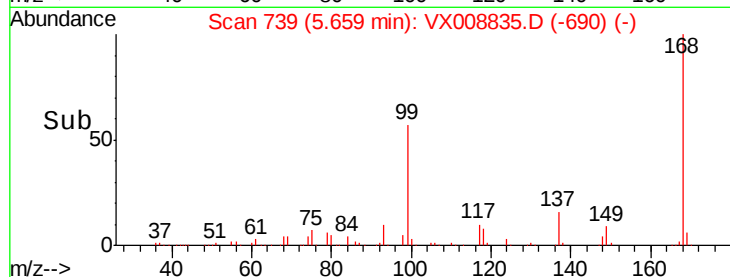
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008835.D

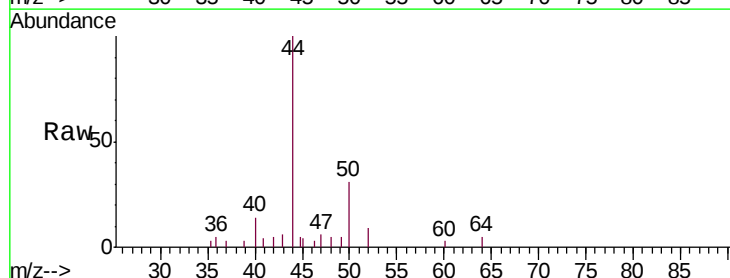
Acq: 11 Apr 2019 03:51

Tgt Ion: 50 Resp: 904

Ion Ratio Lower Upper

50 100

52 20.2 25.8 38.8#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

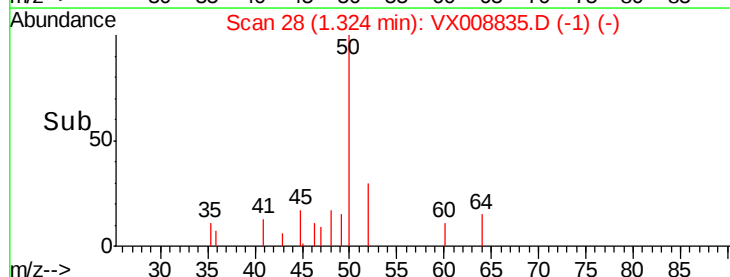
600

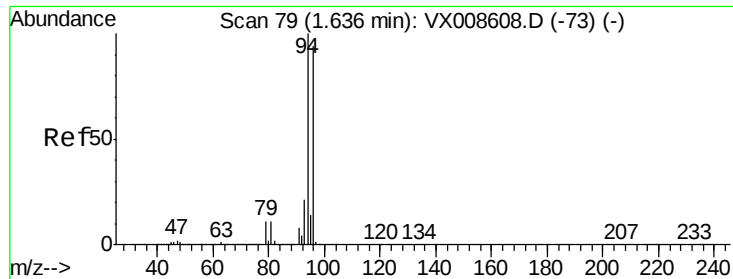
400

200

0

Time--> 1.25 1.30 1.35





#5

Bromomethane

Concen: 2.041 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008835.D

Acq: 11 Apr 2019 03:51

Instrument :

MSVOA_X

ClientSampleId :

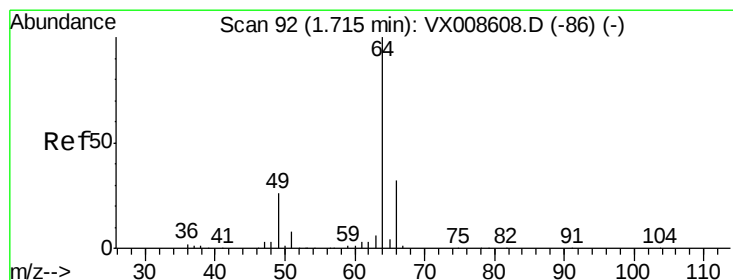
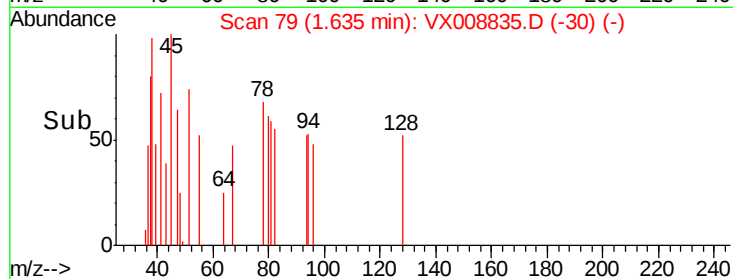
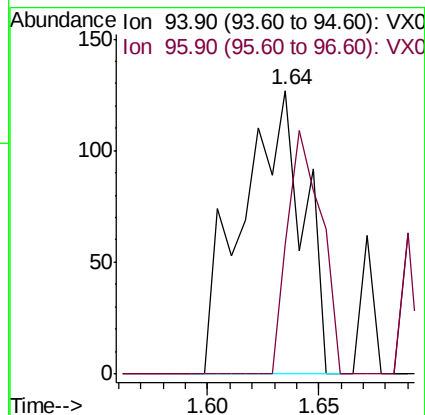
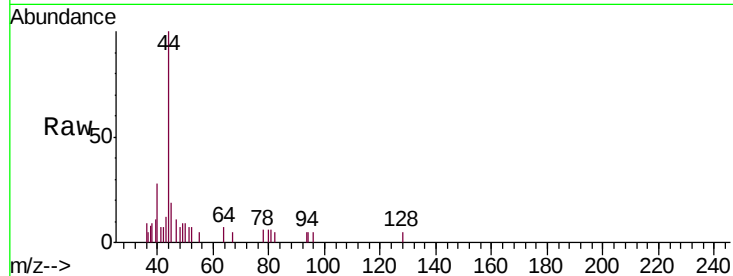
SU-04-040919-B

Tgt Ion: 94 Resp: 245

Ion Ratio Lower Upper

94 100

96 45.7 75.2 112.8#



#6

Chloroethane

Concen: Below Cal

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX008835.D

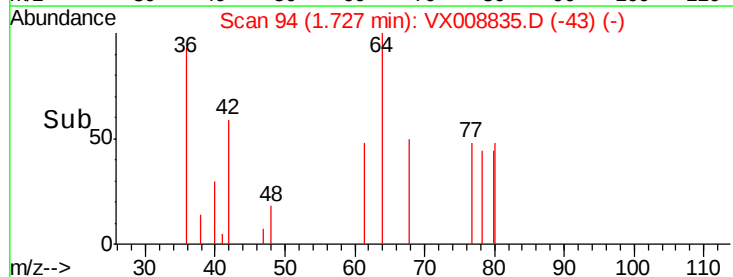
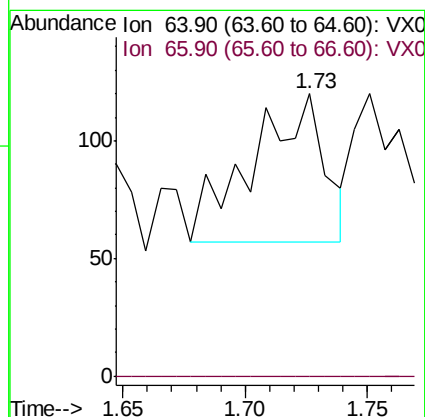
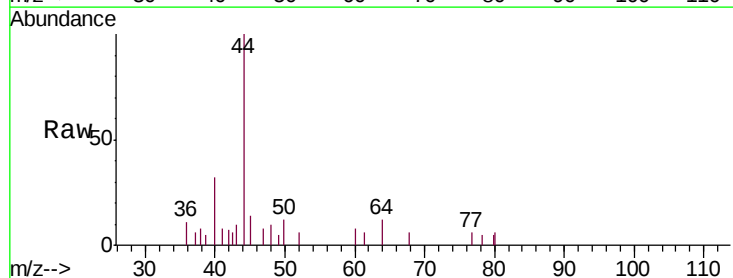
Acq: 11 Apr 2019 03:51

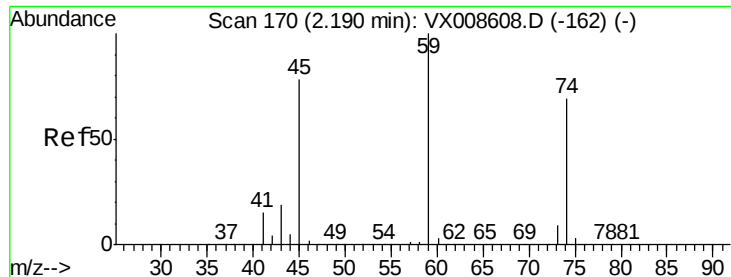
Tgt Ion: 64 Resp: 130

Ion Ratio Lower Upper

64 100

66 0.0 25.4 38.0#

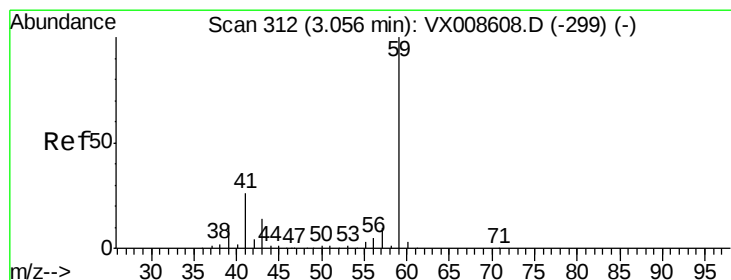
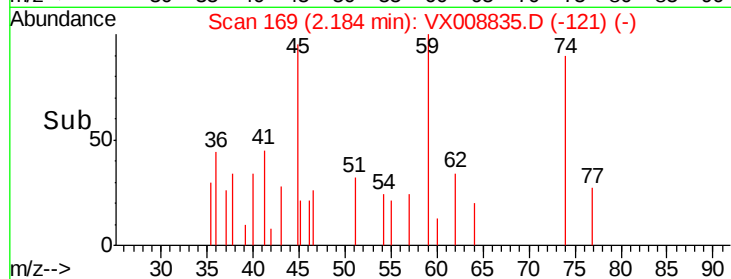
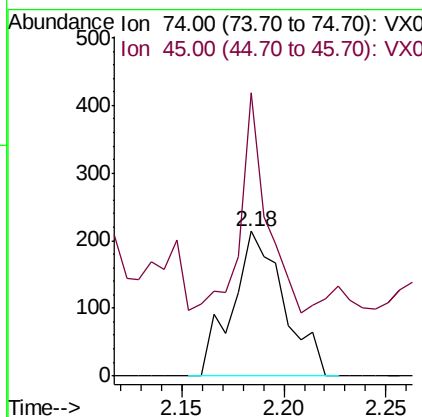
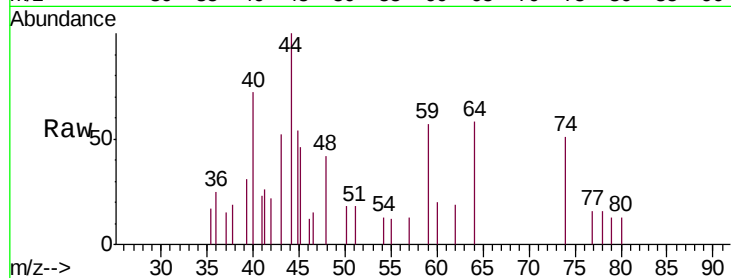




#8
 Diethyl Ether
 Concen: 0.234 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.01 min
 Lab File: VX008835.D
 Acq: 11 Apr 2019 03:51

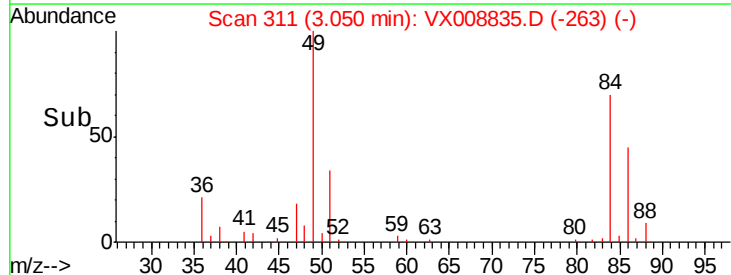
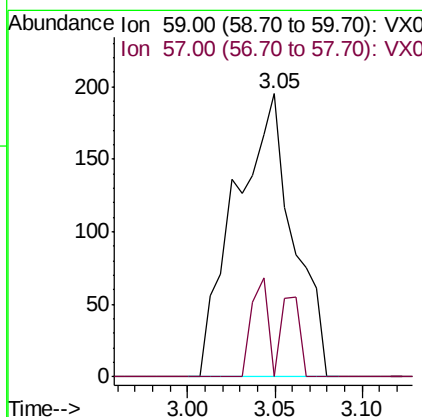
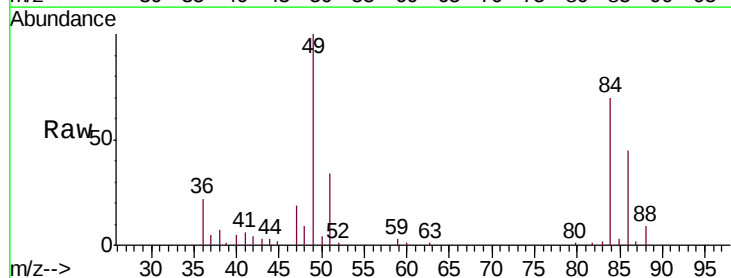
Instrument :
 MSVOA_X
 ClientSampleId :
 SU-04-040919-B

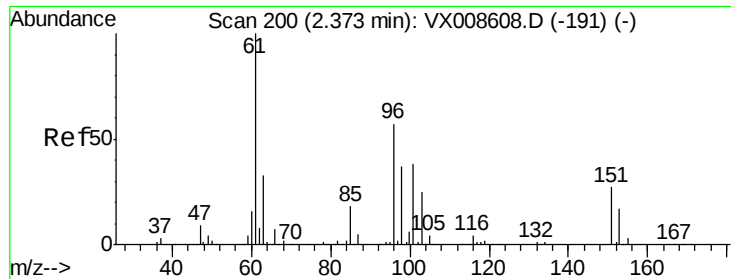
Tgt Ion: 74 Resp: 377
 Ion Ratio Lower Upper
 74 100
 45 68.2 56.5 169.5



#11
 Tert butyl alcohol
 Concen: 0.665 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. -0.01 min
 Lab File: VX008835.D
 Acq: 11 Apr 2019 03:51

Tgt Ion: 59 Resp: 449
 Ion Ratio Lower Upper
 59 100
 57 9.8 8.3 12.5

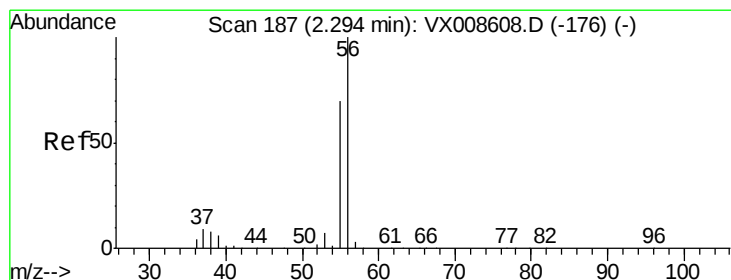
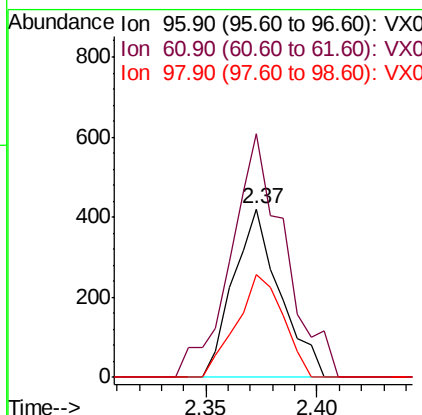
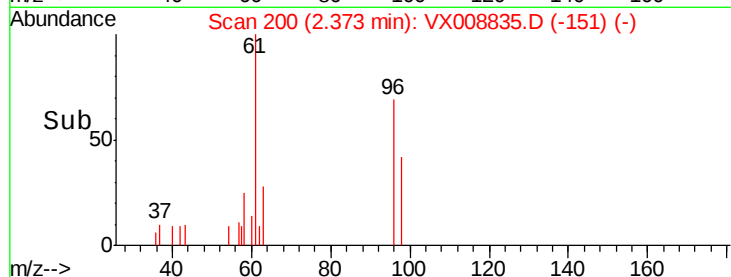
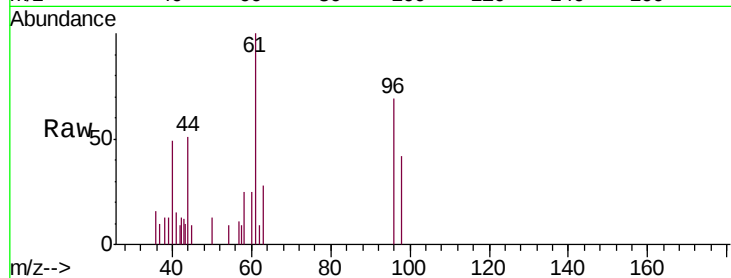




#12
 1,1-Dichloroethene
 Concen: 0.266 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX008835.D
 Acq: 11 Apr 2019 03:51

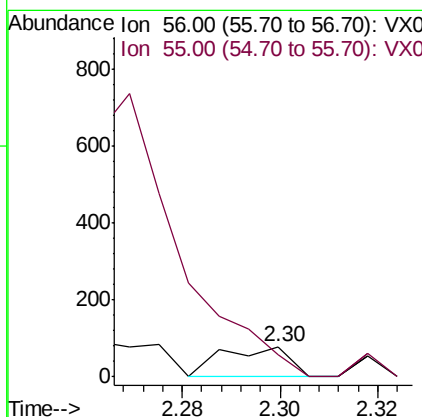
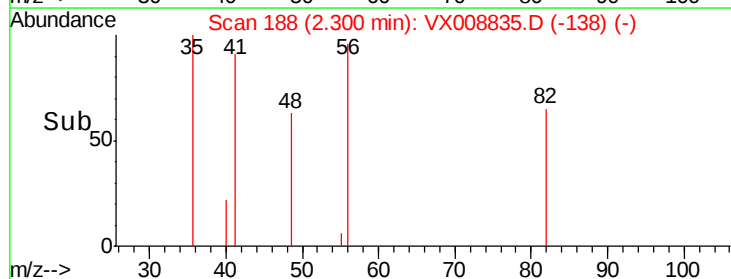
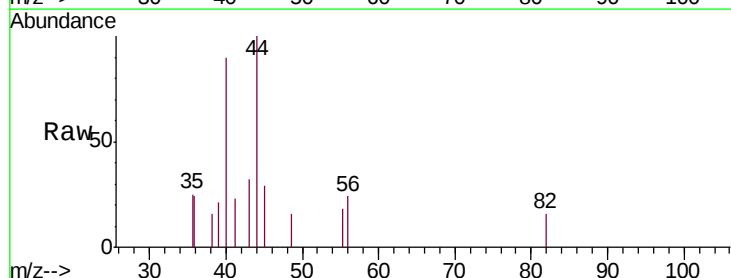
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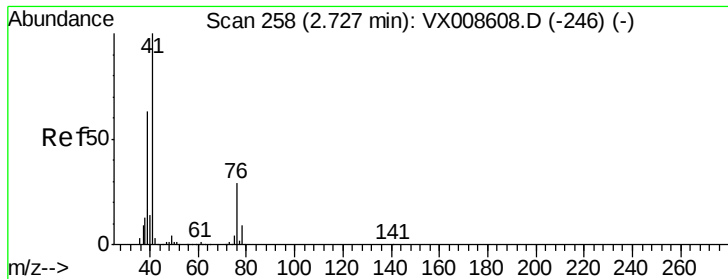
Tgt Ion: 96 Resp: 609
 Ion Ratio Lower Upper
 96 100
 61 144.4 140.9 211.3
 98 61.3 52.1 78.1



#13
 Acrolein
 Concen: 0.221 ug/l
 RT: 2.30 min Scan# 188
 Delta R.T. 0.01 min
 Lab File: VX008835.D
 Acq: 11 Apr 2019 03:51

Tgt Ion: 56 Resp: 74
 Ion Ratio Lower Upper
 56 100
 55 0.0 58.0 87.0#





#14

Allyl chloride

Concen: 284.703 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.12 min

Lab File: VX008835.D

Acq: 11 Apr 2019 03:51

Instrument :

MSVOA_X

ClientSampleId :

SU-04-040919-B

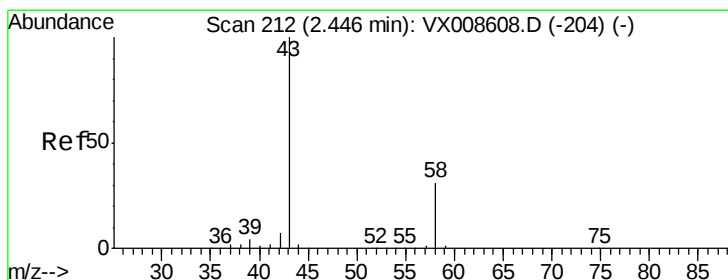
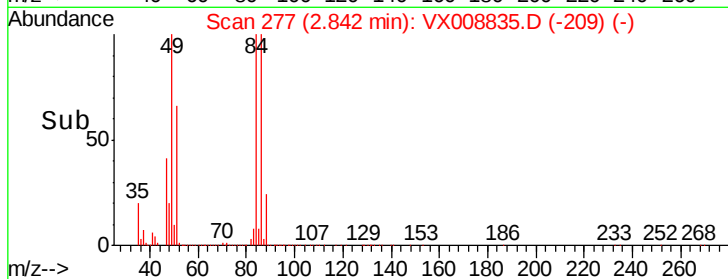
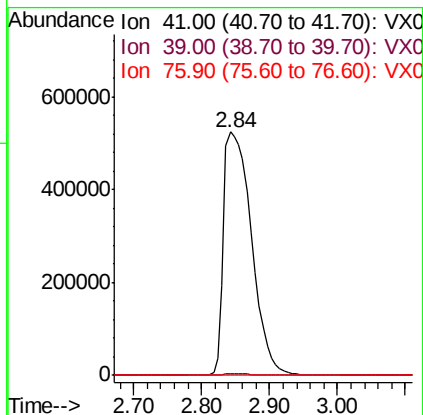
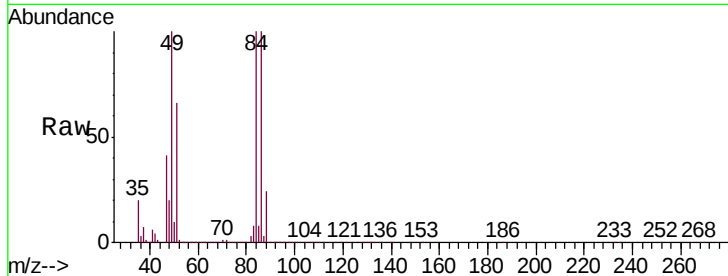
Tgt Ion: 41 Resp: 1490437

Ion Ratio Lower Upper

41 100

39 0.7 48.0 72.0#

76 0.0 22.0 33.0#



#16

Acetone

Concen: 23.220 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008835.D

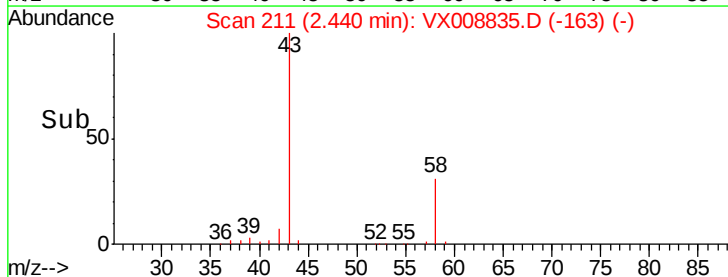
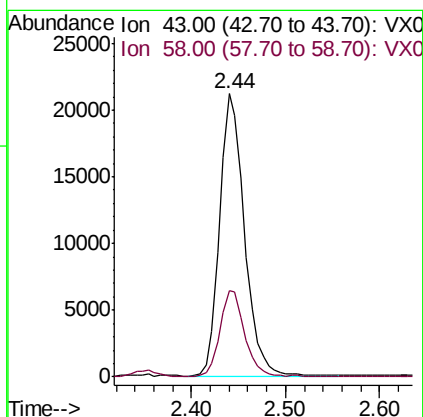
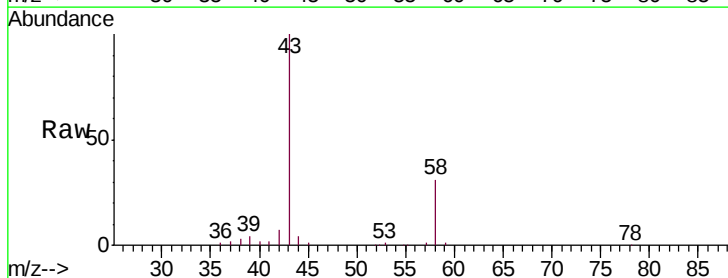
Acq: 11 Apr 2019 03:51

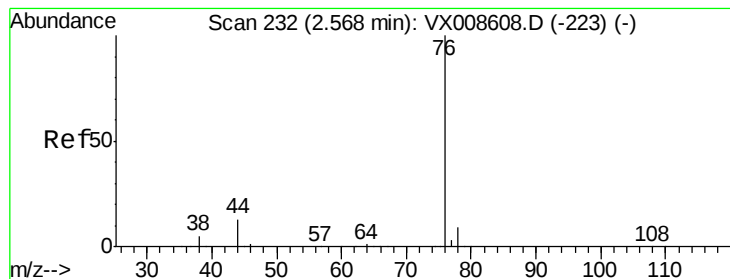
Tgt Ion: 43 Resp: 38586

Ion Ratio Lower Upper

43 100

58 30.8 24.8 37.2





#17

Carbon Disulfide

Concen: Below Cal

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

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Acq: 11 Apr 2019 03:51

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ClientSampleId :

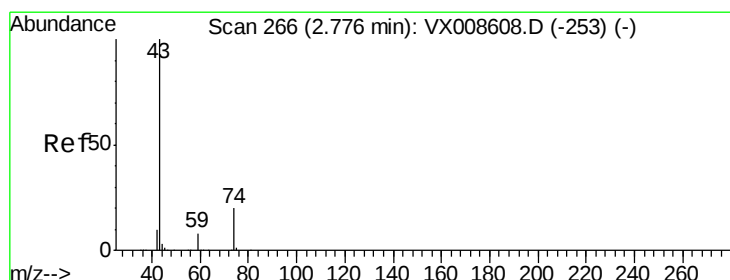
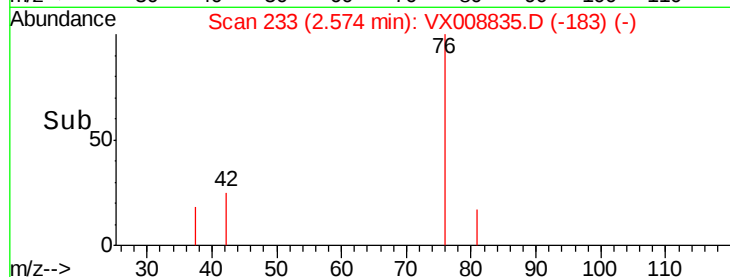
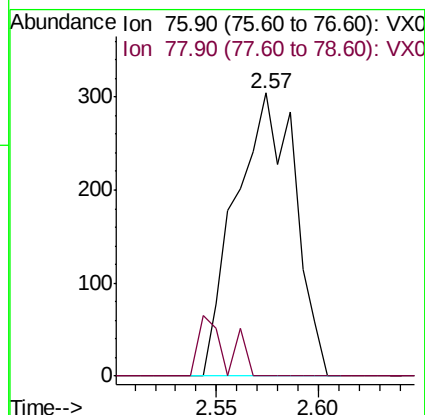
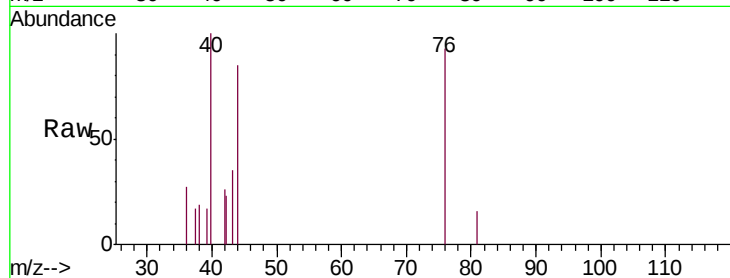
SU-04-040919-B

Tgt Ion: 76 Resp: 618

Ion Ratio Lower Upper

76 100

78 0.0 7.1 10.7#



#18

Methyl Acetate

Concen: 43.119 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.07 min

Lab File: VX008835.D

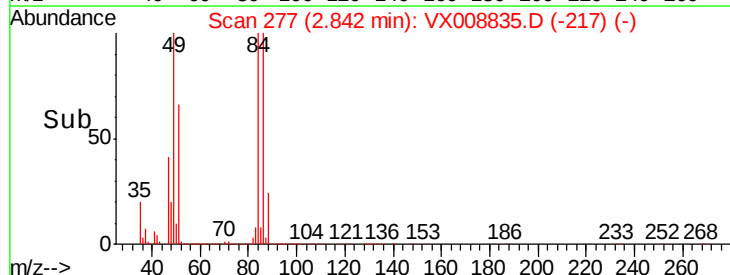
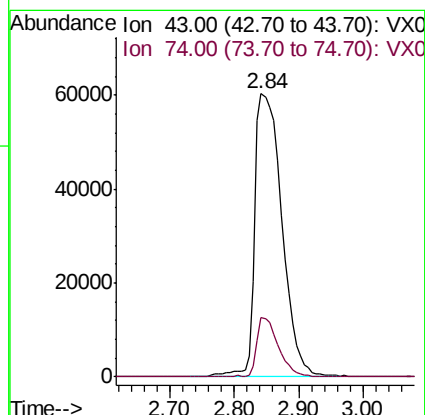
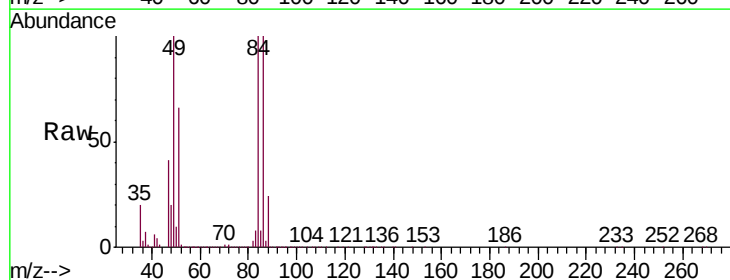
Acq: 11 Apr 2019 03:51

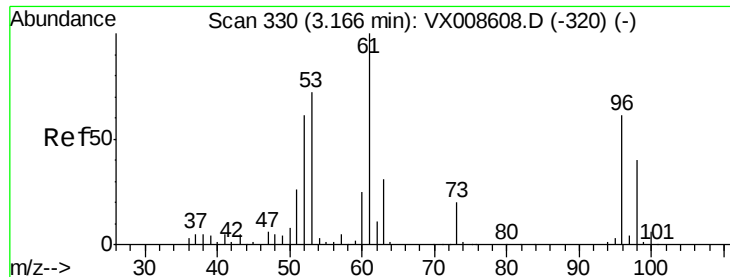
Tgt Ion: 43 Resp: 173779

Ion Ratio Lower Upper

43 100

74 16.9 16.5 24.7





#21

trans-1,2-Dichloroethene

Concen: 0.518 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.01 min

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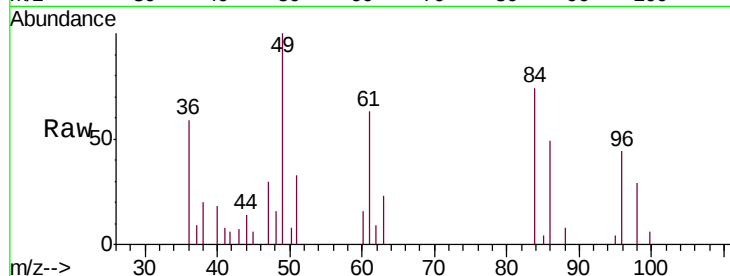
Tgt Ion: 96 Resp: 1281

Ion Ratio Lower Upper

96 100

61 135.9 132.1 198.1

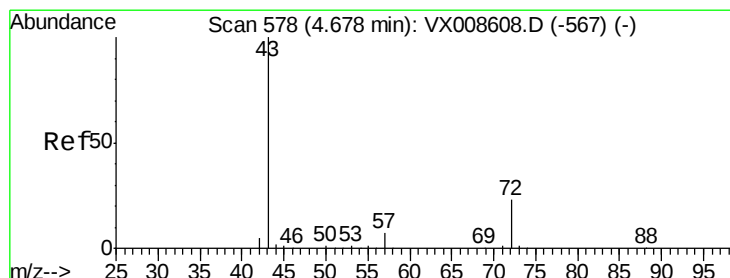
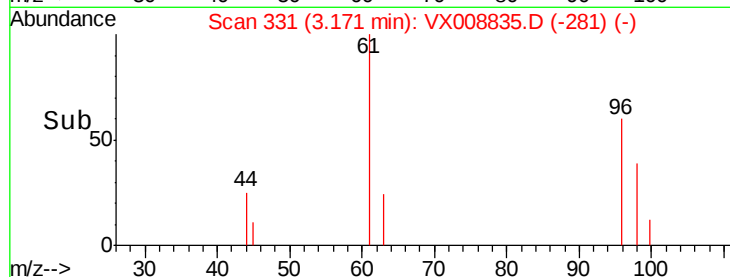
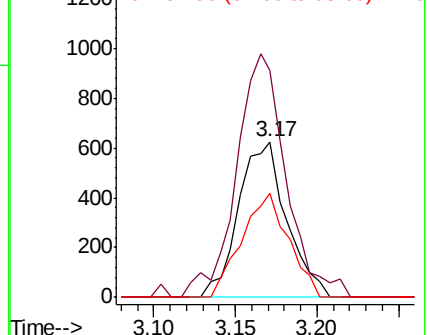
98 66.5 52.2 78.2



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



#25

2-Butanone

Concen: 0.849 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.01 min

Lab File: VX008835.D

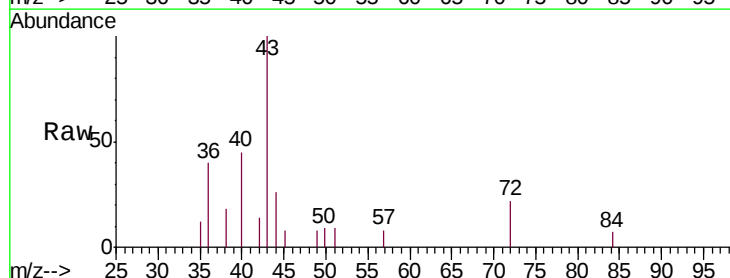
Acq: 11 Apr 2019 03:51

Tgt Ion: 43 Resp: 2229

Ion Ratio Lower Upper

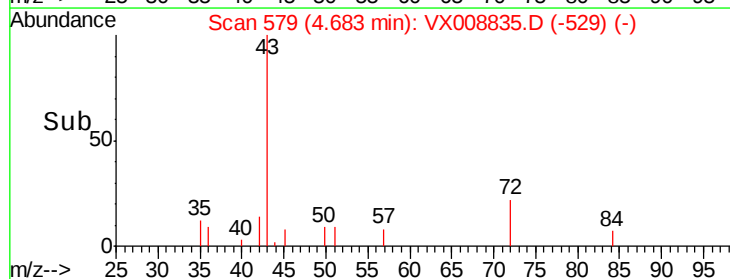
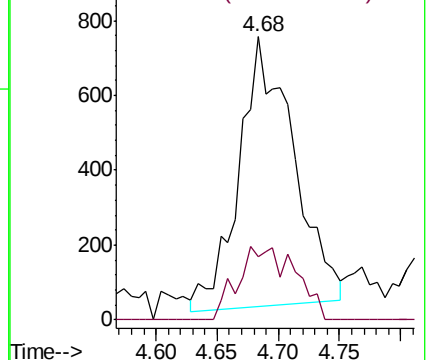
43 100

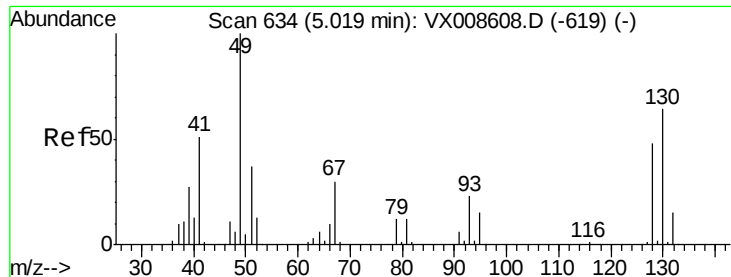
72 23.9 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#28

Bromochloromethane

Concen: Below Cal

RT: 5.04 min Scan# 638

Delta R.T. 0.02 min

Lab File: VX008835.D

Acq: 11 Apr 2019 03:51

Instrument :

MSVOA_X

ClientSampleId :

SU-04-040919-B

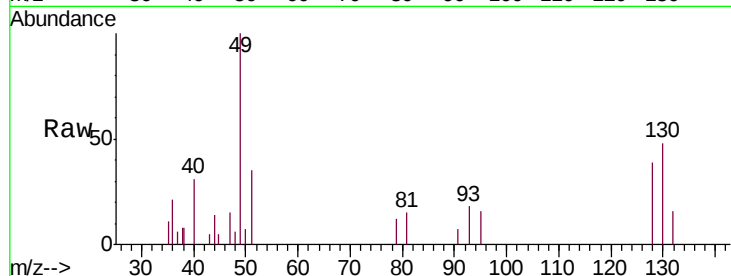
Tgt Ion: 49 Resp: 5098

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.6

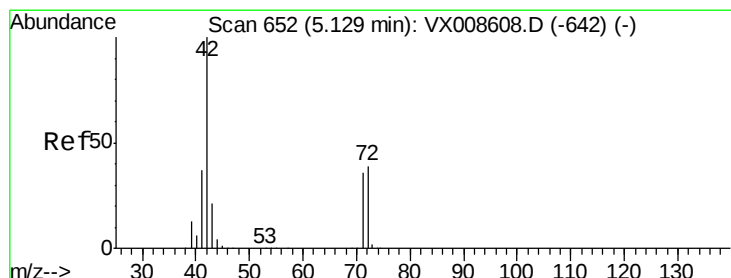
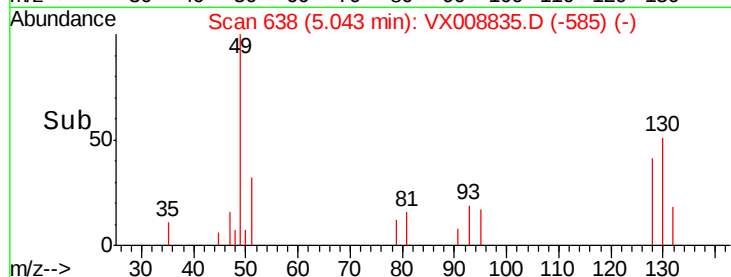
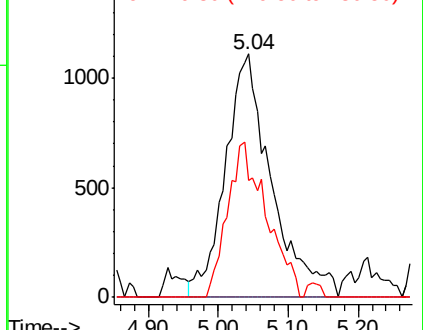
130 53.5 49.3 73.9



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 1.213 ug/l

RT: 5.15 min Scan# 655

Delta R.T. 0.02 min

Lab File: VX008835.D

Acq: 11 Apr 2019 03:51

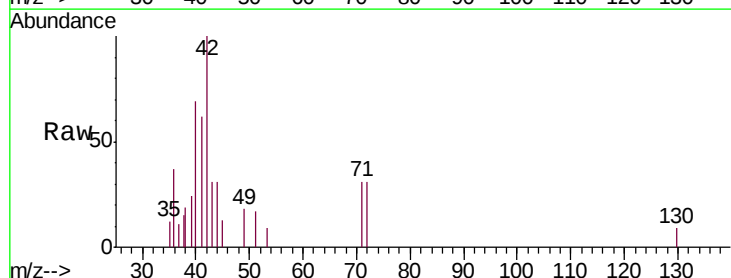
Tgt Ion: 42 Resp: 2115

Ion Ratio Lower Upper

42 100

72 32.3 30.5 45.7

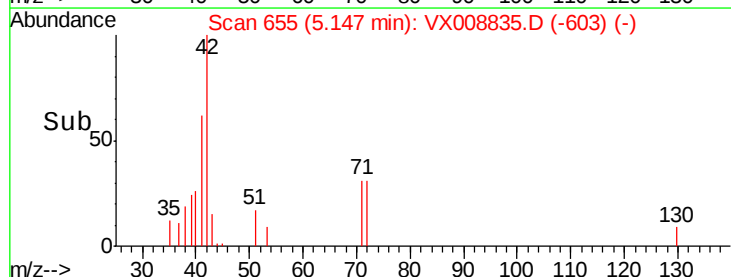
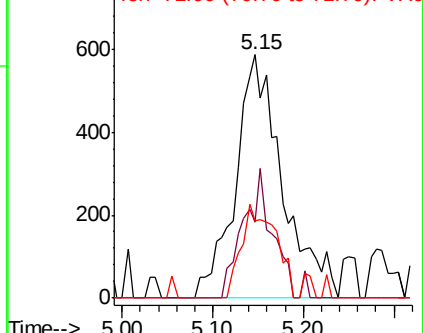
71 27.9 28.6 43.0#

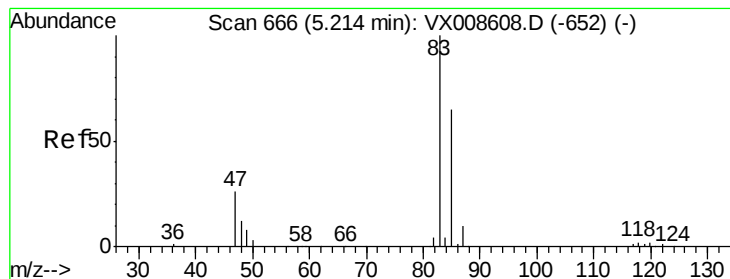


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0





#30

Chloroform

Concen: 0.248 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX008835.D

Acq: 11 Apr 2019 03:51

Instrument :

MSVOA_X

ClientSampleId :

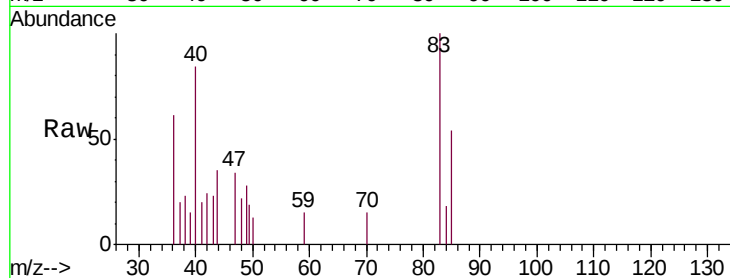
SU-04-040919-B

Tgt Ion: 83 Resp: 1106

Ion Ratio Lower Upper

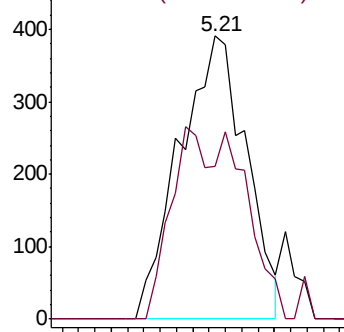
83 100

85 53.7 52.1 78.1

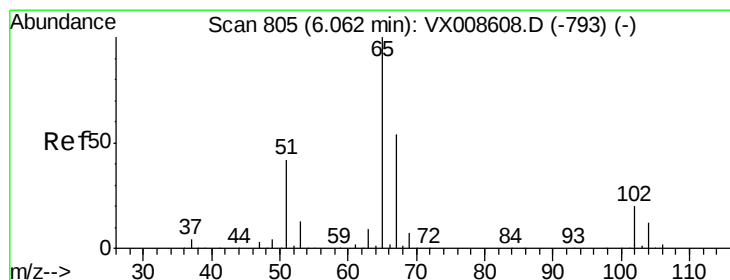
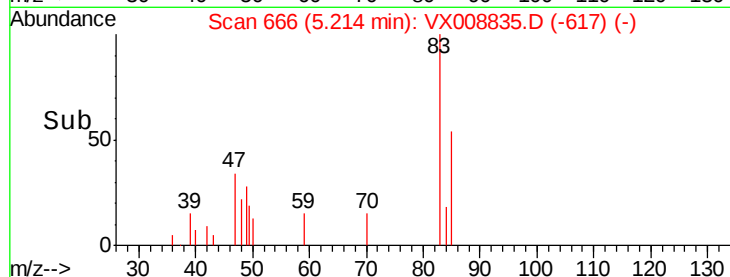


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0



Time-->



#33

1,2-Dichloroethane-d4

Concen: 45.581 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008835.D

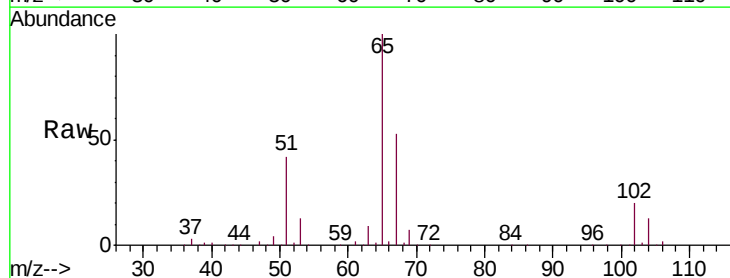
Acq: 11 Apr 2019 03:51

Tgt Ion: 65 Resp: 131507

Ion Ratio Lower Upper

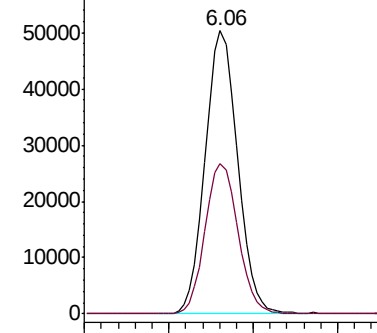
65 100

67 53.8 0.0 107.2

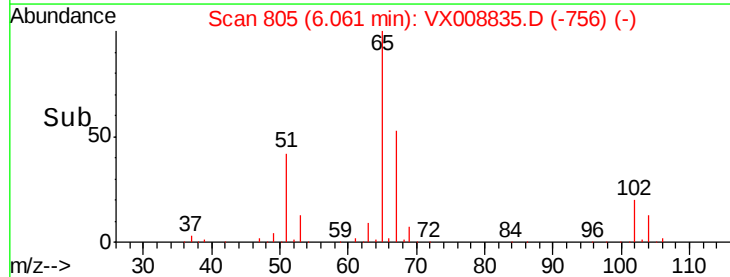


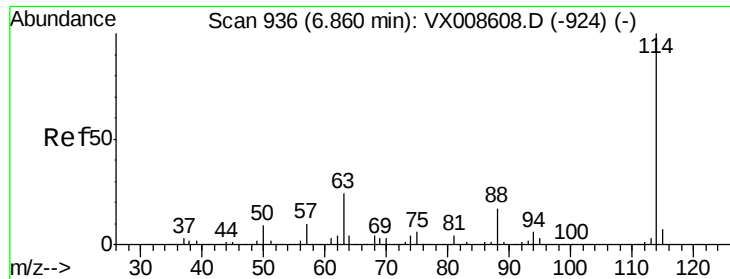
Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



Time-->

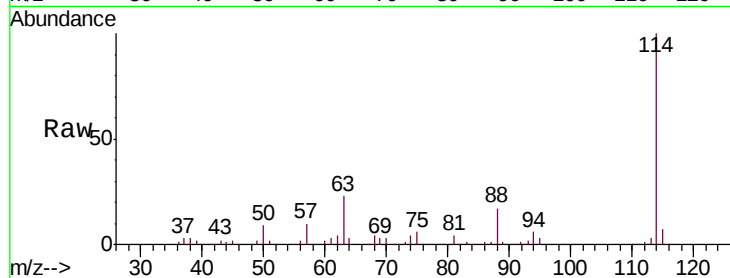




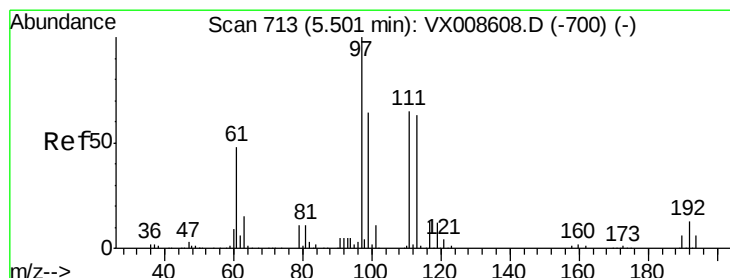
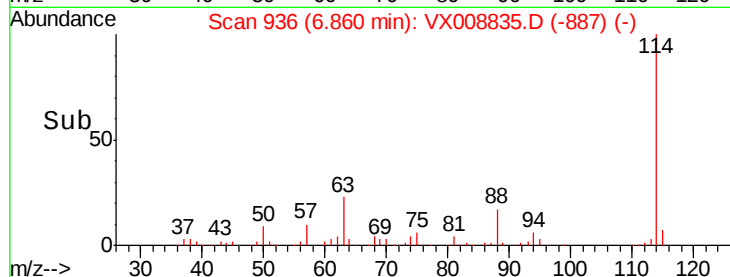
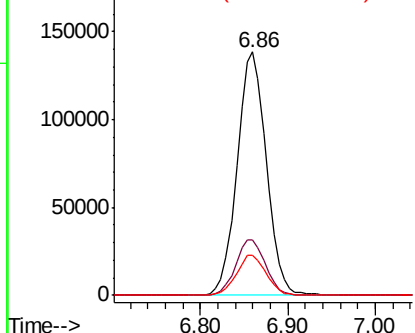
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008835.D
 Acq: 11 Apr 2019 03:51

Instrument :
 MSVOA_X
 ClientSampleId :
 SU-04-040919-B

Tgt Ion:114 Resp: 321195
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 47.2
 88 16.7 0.0 34.0

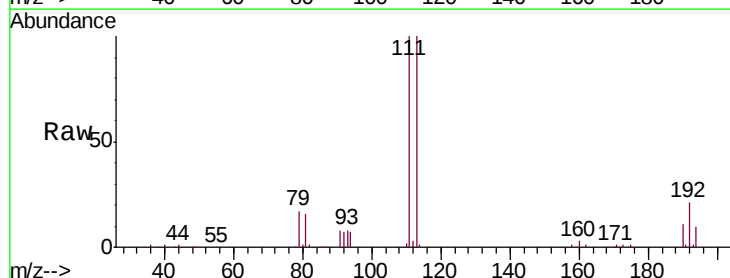


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

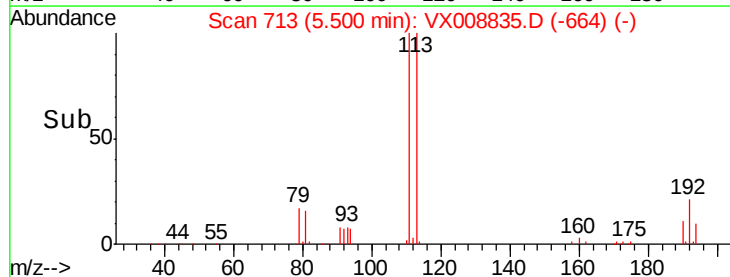
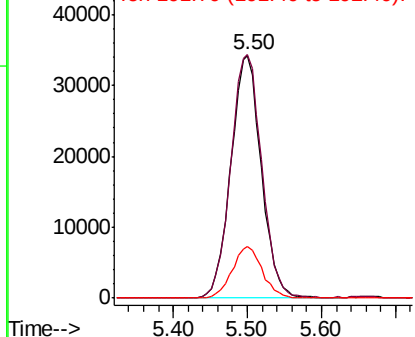


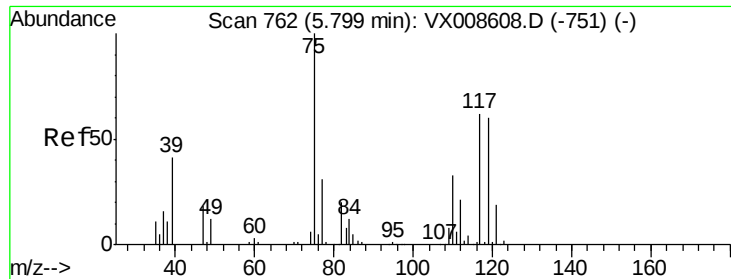
#35
 Dibromofluoromethane
 Concen: 47.639 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008835.D
 Acq: 11 Apr 2019 03:51

Tgt Ion:113 Resp: 97831
 Ion Ratio Lower Upper
 113 100
 111 102.2 83.4 125.2
 192 21.0 16.1 24.1



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

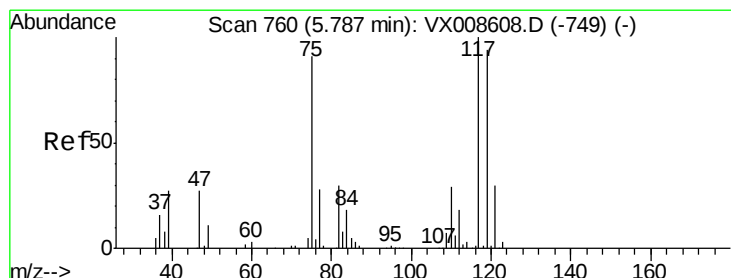
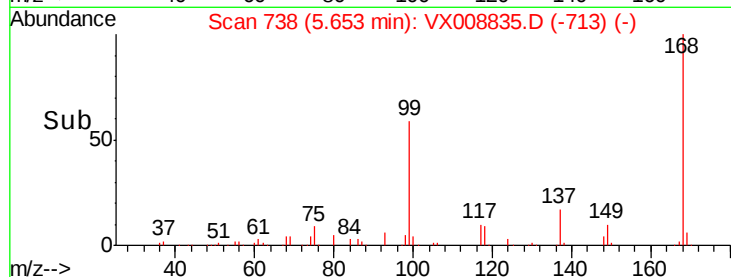
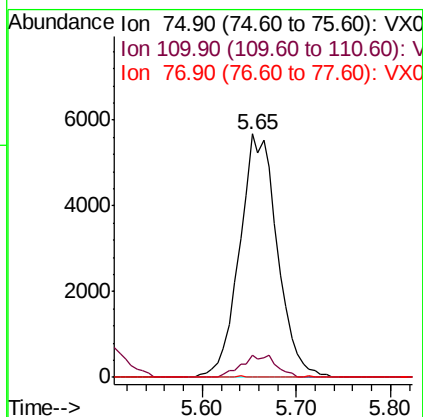
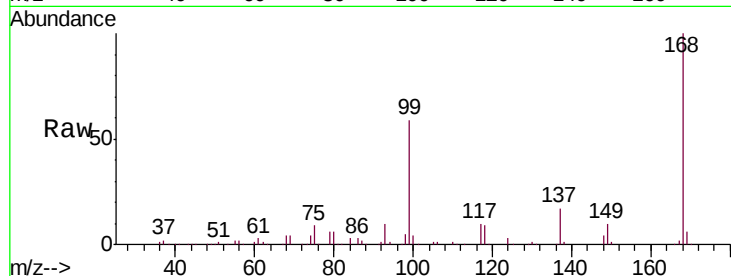




#36
 1,1-Dichloropropene
 Concen: 4.536 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.15 min
 Lab File: VX008835.D
 Acq: 11 Apr 2019 03:51

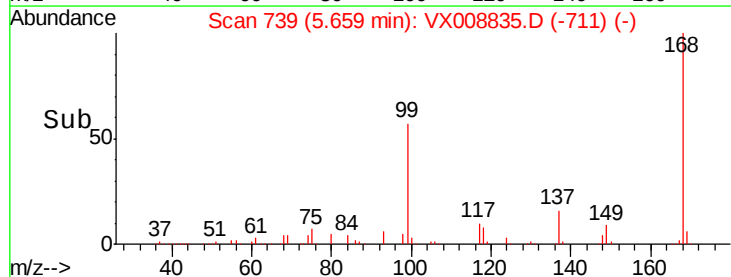
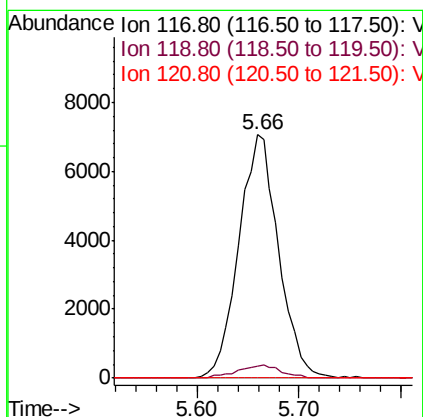
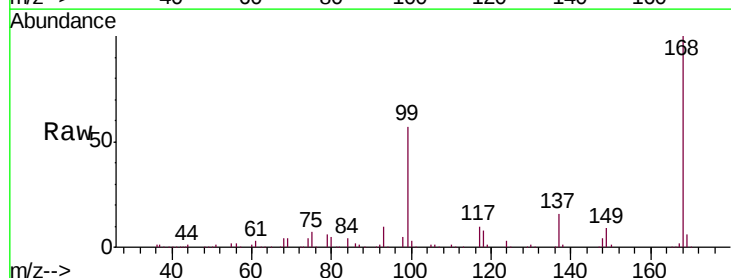
Instrument :
 MSVOA_X
 ClientSampleId :
 SU-04-040919-B

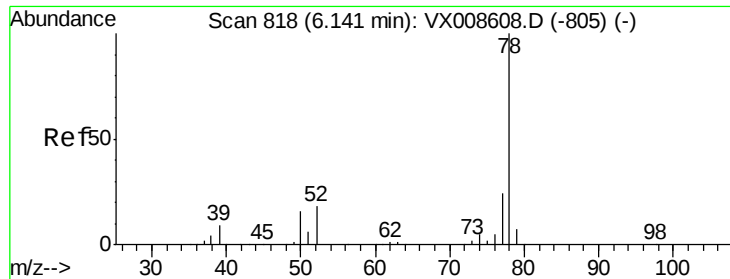
Tgt Ion: 75 Resp: 15926
 Ion Ratio Lower Upper
 75 100
 110 8.4 16.4 49.2#
 77 0.1 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.558 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.13 min
 Lab File: VX008835.D
 Acq: 11 Apr 2019 03:51

Tgt Ion: 117 Resp: 19057
 Ion Ratio Lower Upper
 117 100
 119 5.0 75.0 112.6#
 121 0.0 24.3 36.5#





#40

Benzene

Concen: 0.201 ug/l

RT: 6.13 min Scan# 817

Delta R.T. -0.01 min

Lab File: VX008835.D

Acq: 11 Apr 2019 03:51

Instrument :

MSVOA_X

ClientSampleId :

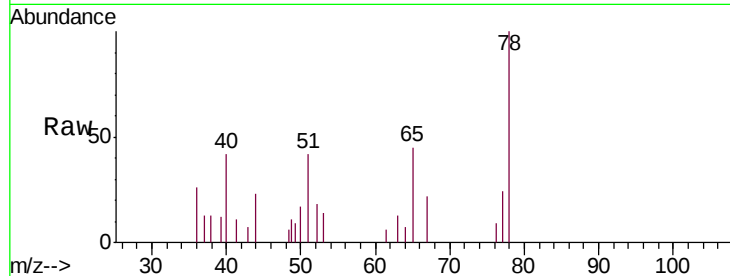
SU-04-040919-B

Tgt Ion: 78 Resp: 2103

Ion Ratio Lower Upper

78 100

77 23.7 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.13

800

600

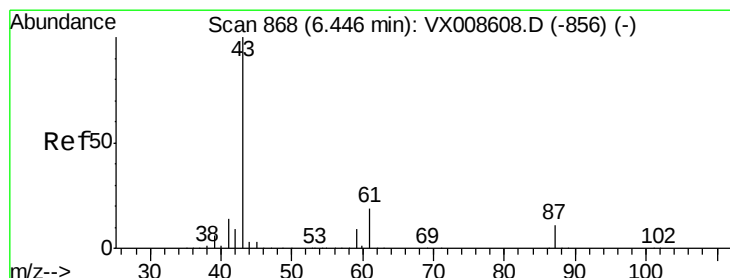
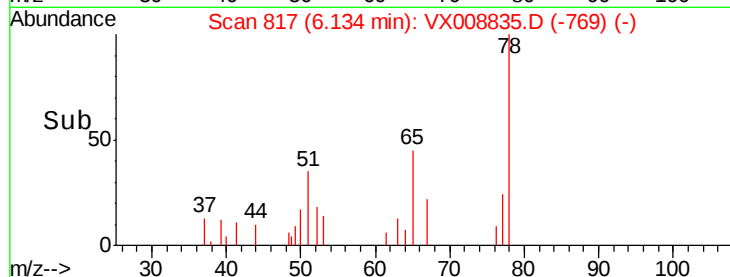
400

200

0

6.05 6.10 6.15 6.20

Time-->



#43

Isopropyl Acetate

Concen: 1.383 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008835.D

Acq: 11 Apr 2019 03:51

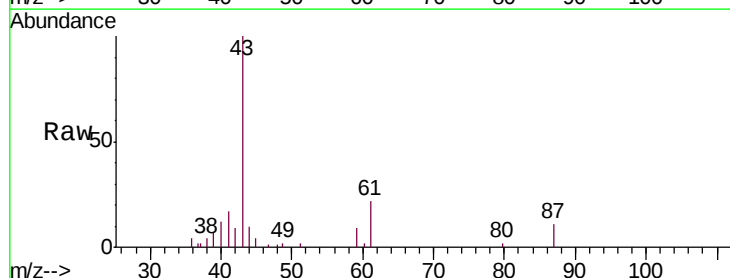
Tgt Ion: 43 Resp: 10155

Ion Ratio Lower Upper

43 100

61 19.3 15.3 22.9

87 12.0 9.0 13.6



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

6.45

5000

4000

3000

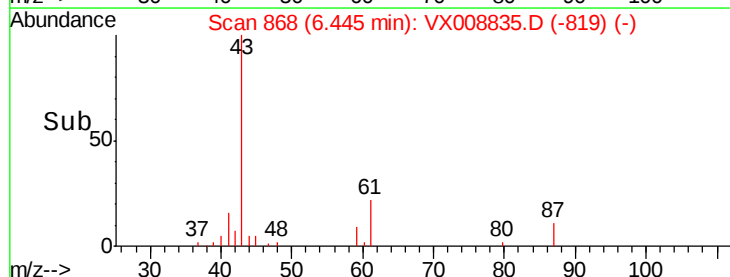
2000

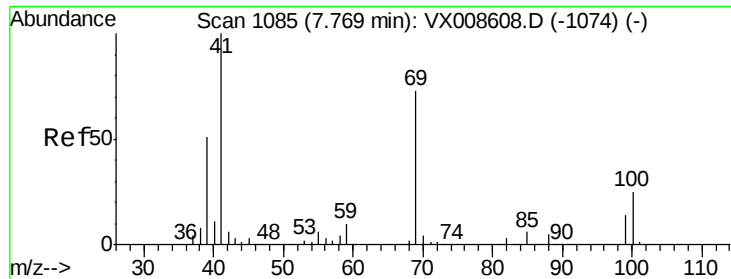
1000

0

6.30 6.40 6.50 6.60

Time-->





#48

Methyl methacrylate

Concen: 1.729 ug/l

RT: 7.68 min Scan# 1070

Delta R.T. -0.09 min

Lab File: VX008835.D

Acq: 11 Apr 2019 03:51

Instrument :

MSVOA_X

ClientSampleId :

SU-04-040919-B

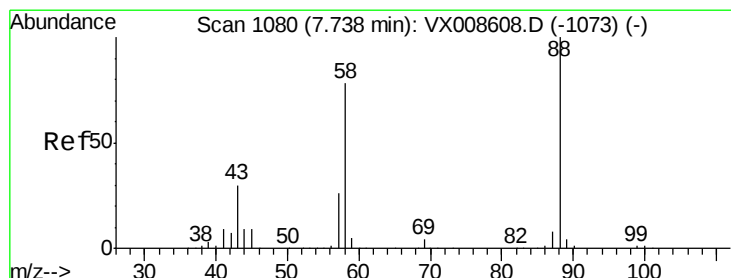
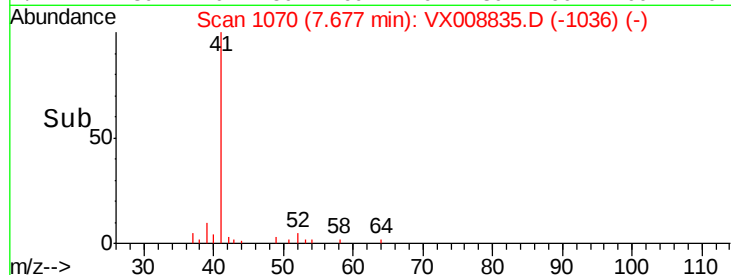
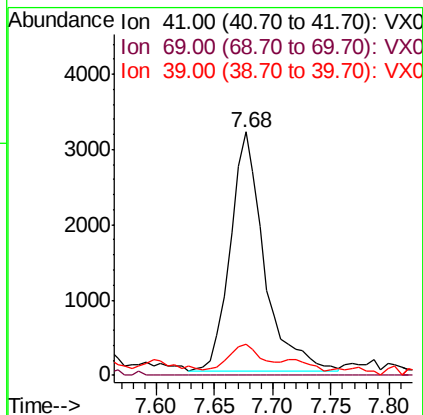
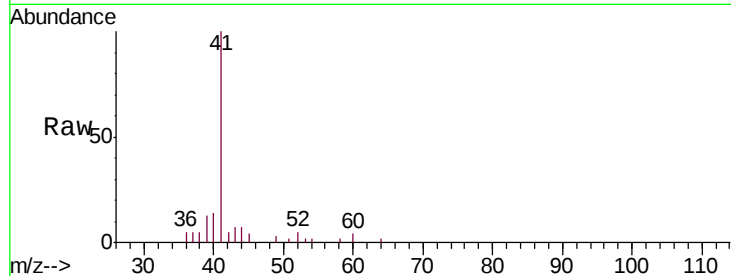
Tgt Ion: 41 Resp: 6421

Ion Ratio Lower Upper

41 100

69 0.0 59.0 88.4#

39 0.0 41.0 61.4#



#49

1,4-Dioxane

Concen: 2.789 ug/l

RT: 7.87 min Scan# 1102

Delta R.T. 0.13 min

Lab File: VX008835.D

Acq: 11 Apr 2019 03:51

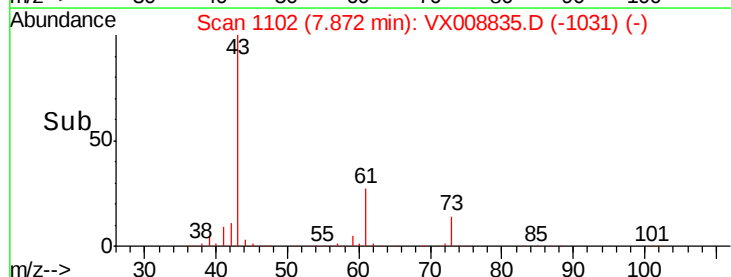
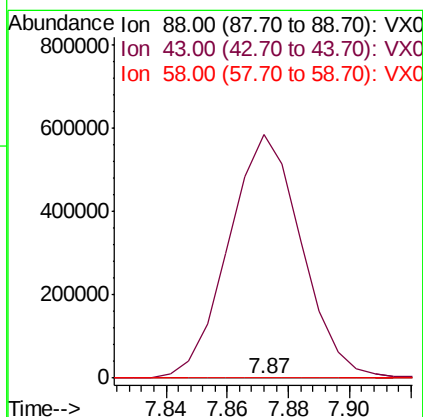
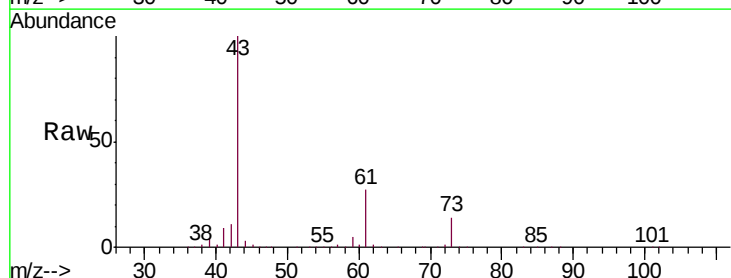
Tgt Ion: 88 Resp: 194

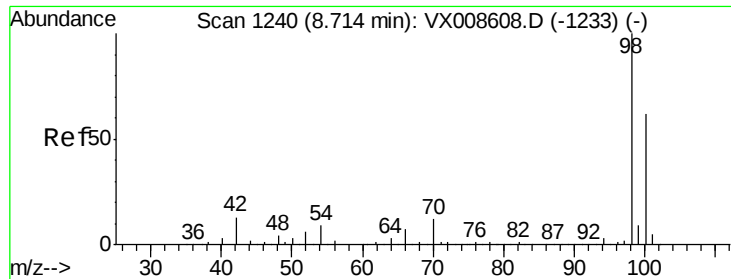
Ion Ratio Lower Upper

88 100

43 502509.3 28.6 43.0#

58 1971.6 62.2 93.2#





#50

Toluene-d8

Concen: 50.224 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008835.D

Acq: 11 Apr 2019 03:51

Instrument :

MSVOA_X

ClientSampleId :

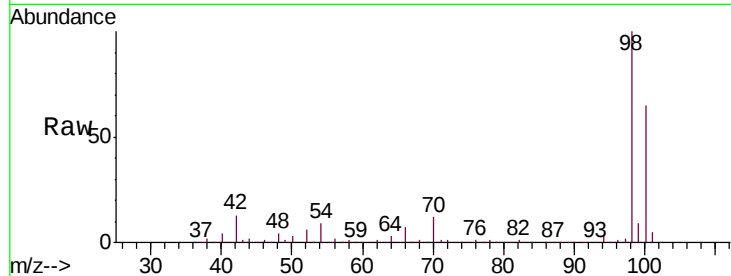
SU-04-040919-B

Tgt Ion: 98 Resp: 410673

Ion Ratio Lower Upper

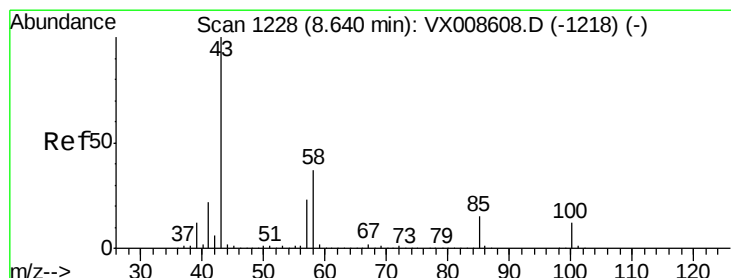
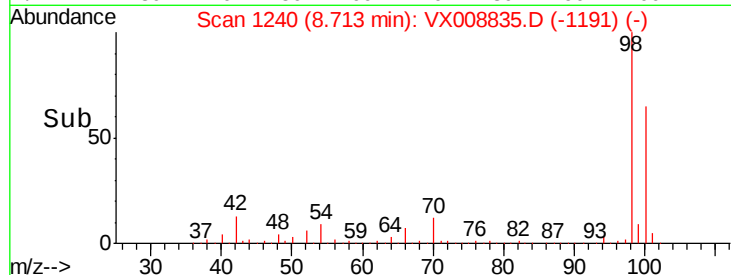
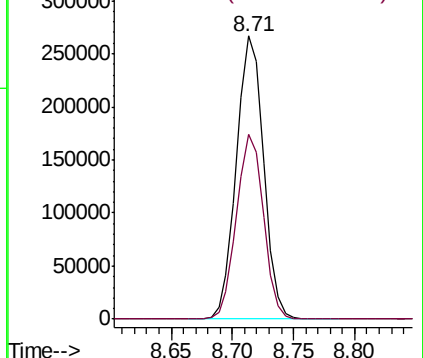
98 100

100 64.9 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#51

4-Methyl-2-Pentanone

Concen: 15.361 ug/l

RT: 8.61 min Scan# 1223

Delta R.T. -0.03 min

Lab File: VX008835.D

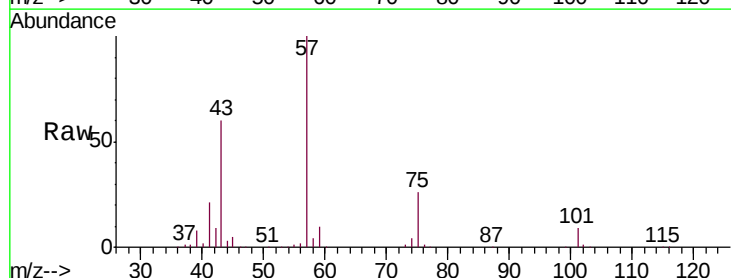
Acq: 11 Apr 2019 03:51

Tgt Ion: 43 Resp: 72596

Ion Ratio Lower Upper

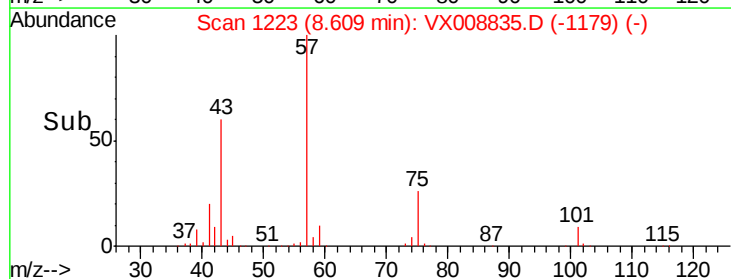
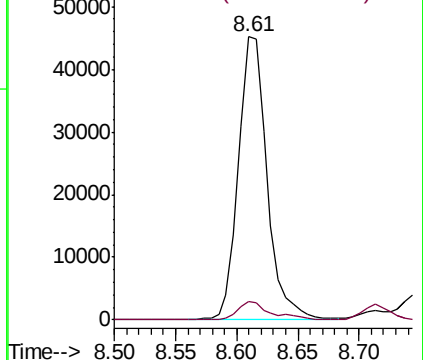
43 100

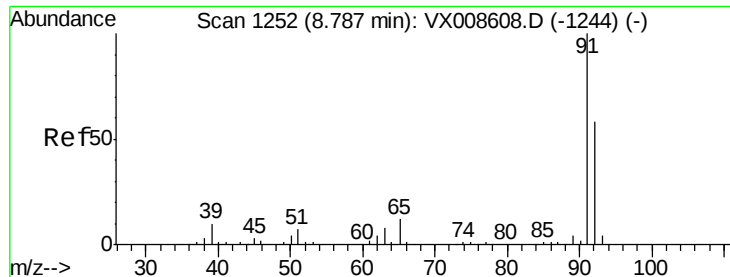
58 7.6 29.5 44.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#52

Toluene

Concen: 0.279 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX008835.D

Acq: 11 Apr 2019 03:51

Instrument :

MSVOA_X

ClientSampleId :

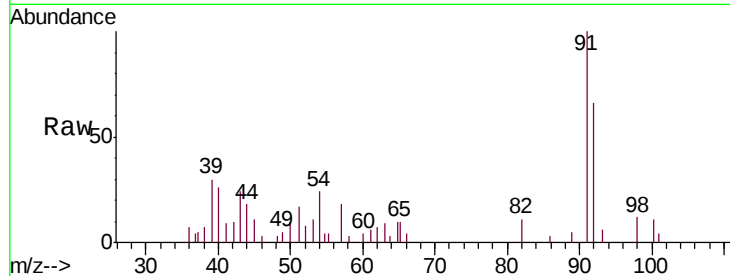
SU-04-040919-B

Tgt Ion: 92 Resp: 1719

Ion Ratio Lower Upper

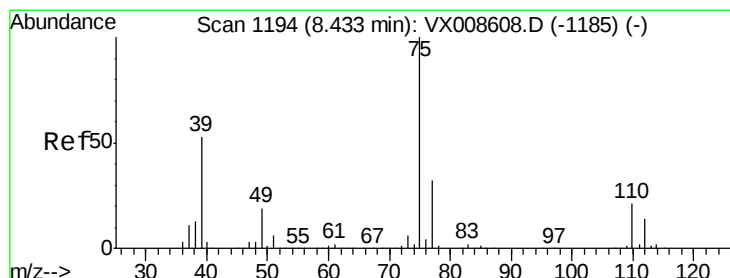
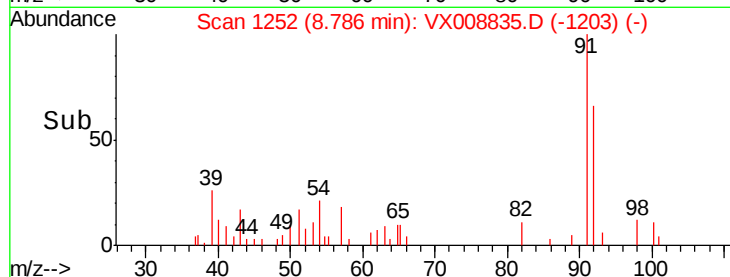
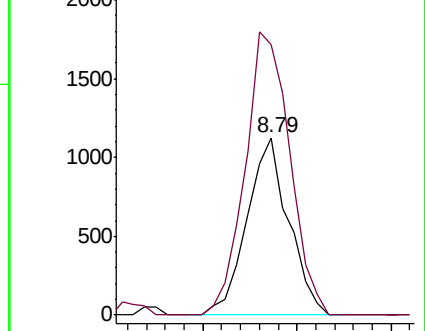
92 100

91 171.5 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#54

cis-1,3-Dichloropropene

Concen: 7.398 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. 0.18 min

Lab File: VX008835.D

Acq: 11 Apr 2019 03:51

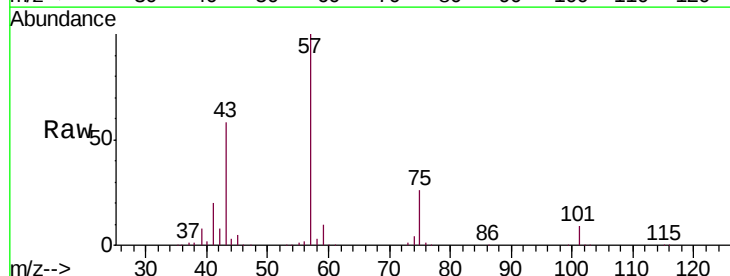
Tgt Ion: 75 Resp: 30914

Ion Ratio Lower Upper

75 100

77 0.8 25.3 37.9#

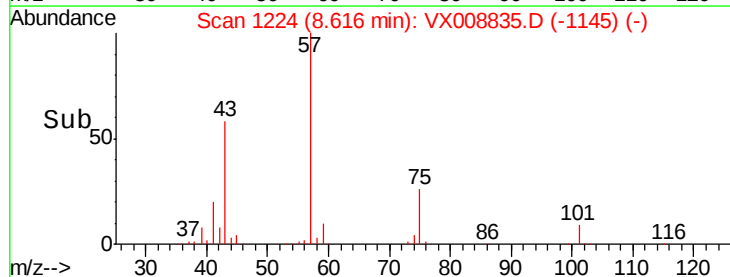
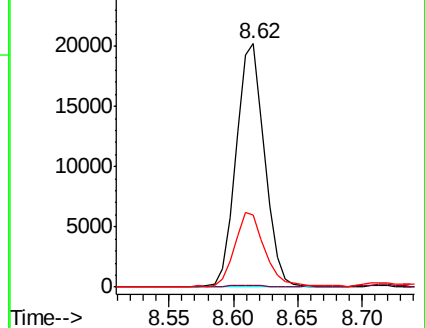
39 29.5 42.6 63.8#

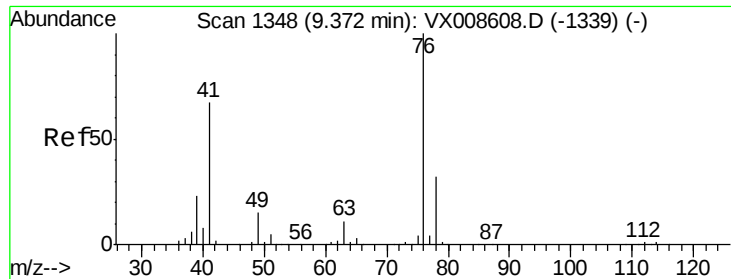


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

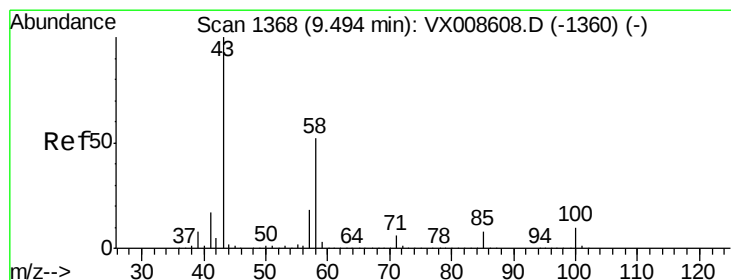
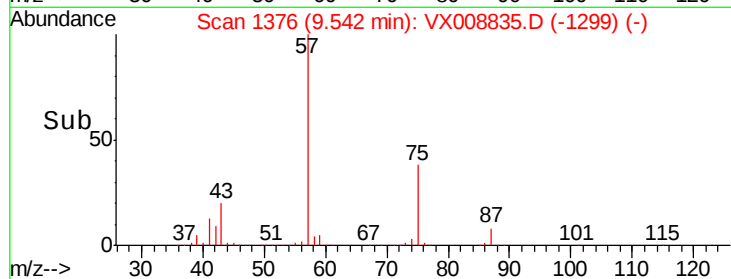
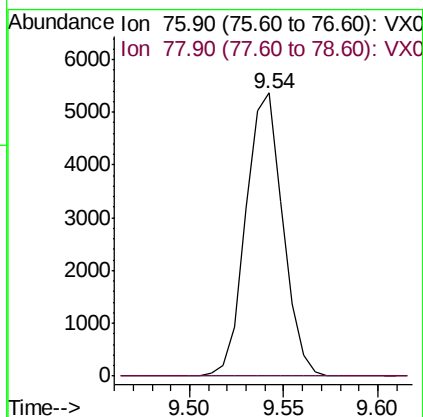
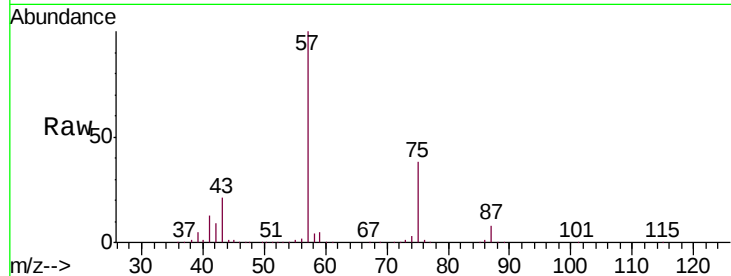




#57
 1,3-Dichloropropane
 Concen: 1.643 ug/l
 RT: 9.54 min Scan# 1376
 Delta R.T. 0.17 min
 Lab File: VX008835.D
 Acq: 11 Apr 2019 03:51

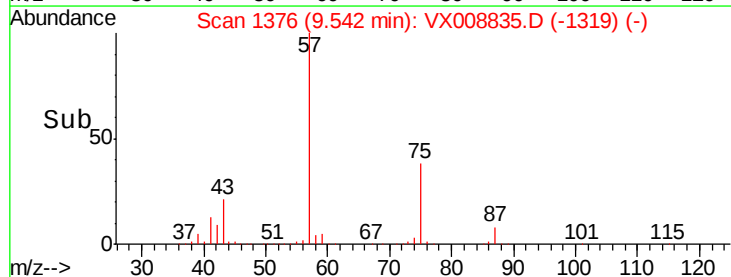
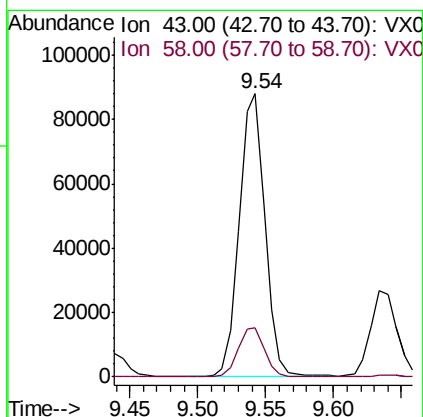
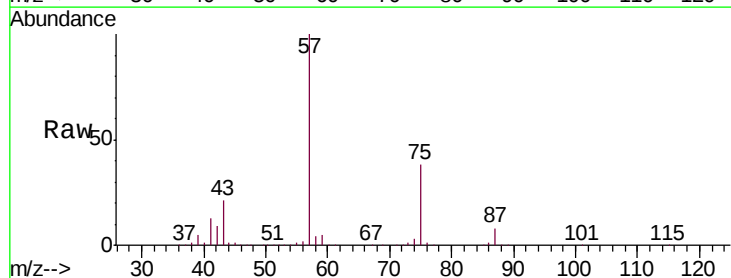
Instrument :
 MSVOA_X
 ClientSampleId :
 SU-04-040919-B

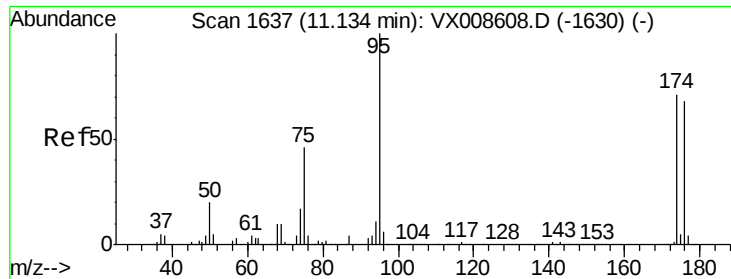
Tgt Ion: 76 Resp: 7303
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.6 38.4#



#59
 2-Hexanone
 Concen: 31.479 ug/l
 RT: 9.54 min Scan# 1376
 Delta R.T. 0.05 min
 Lab File: VX008835.D
 Acq: 11 Apr 2019 03:51

Tgt Ion: 43 Resp: 115613
 Ion Ratio Lower Upper
 43 100
 58 18.1 25.9 77.7#





#62

4-Bromofluorobenzene

Concen: 49.162 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008835.D

Acq: 11 Apr 2019 03:51

Instrument :

MSVOA_X

ClientSampleId :

SU-04-040919-B

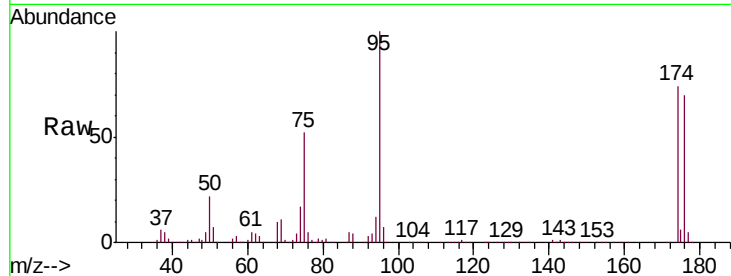
Tgt Ion: 95 Resp: 142552

Ion Ratio Lower Upper

95 100

174 77.9 0.0 151.8

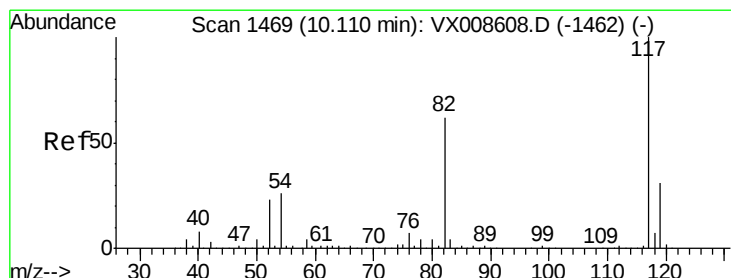
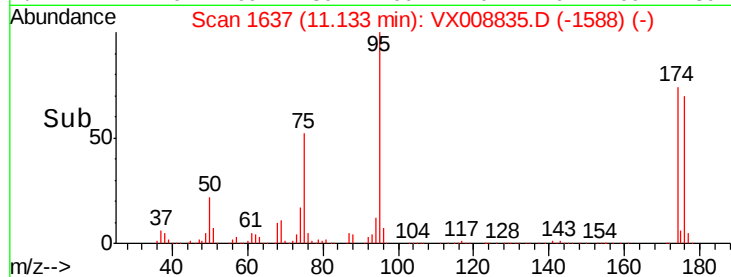
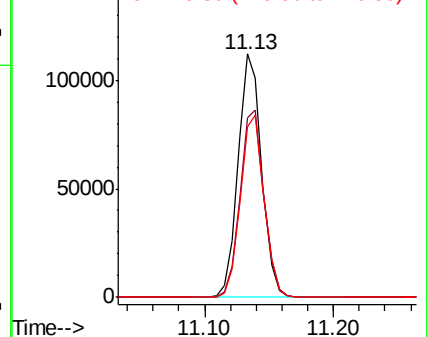
176 75.6 0.0 145.8



Abundance Ion 94.90 (94.60 to 95.60): VX008835.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX008835.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX008835.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX008835.D

Acq: 11 Apr 2019 03:51

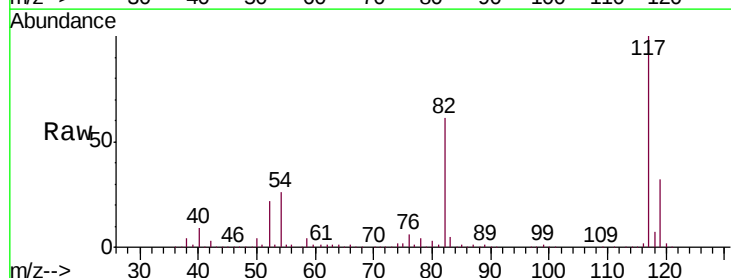
Tgt Ion: 117 Resp: 290053

Ion Ratio Lower Upper

117 100

82 61.2 49.6 74.4

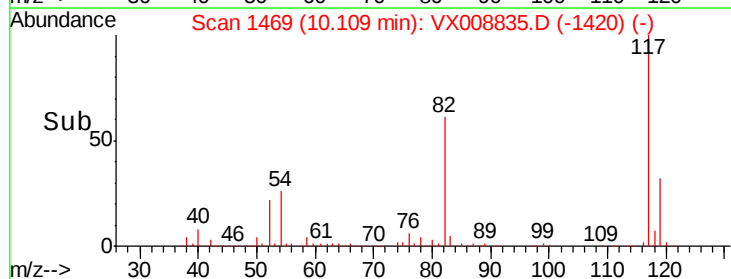
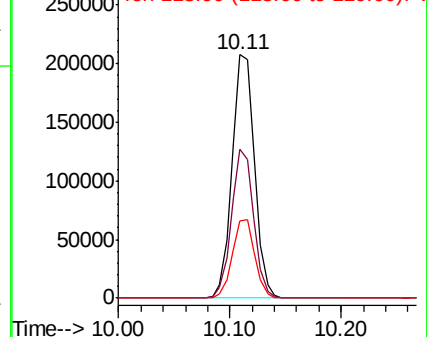
119 31.7 25.0 37.4

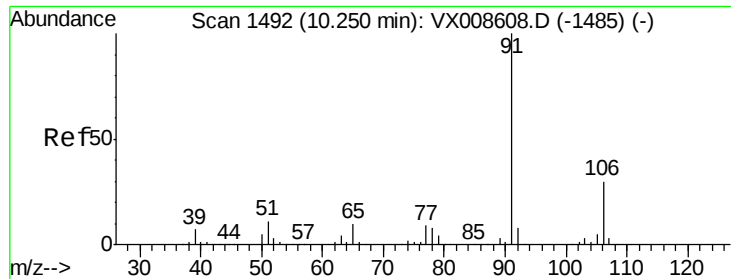


Abundance Ion 116.90 (116.60 to 117.60): VX008835.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX008835.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX008835.D (-1420) (-)

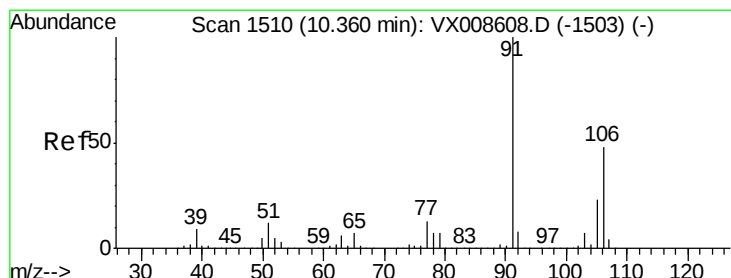
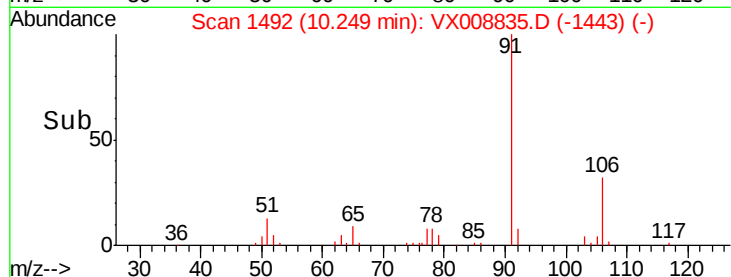
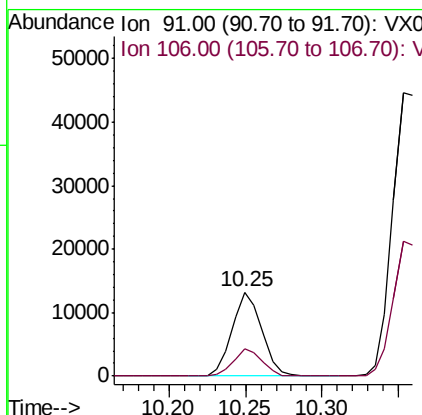
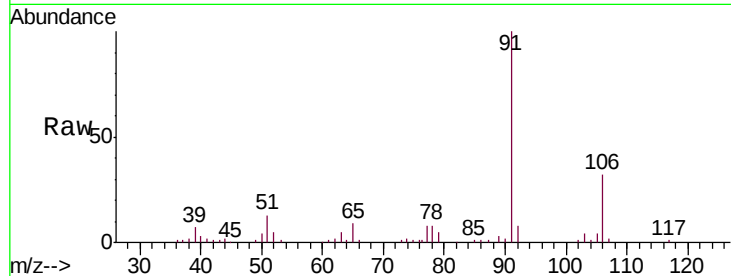




#67
Ethyl Benzene
Concen: 1.476 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008835.D
Acq: 11 Apr 2019 03:51

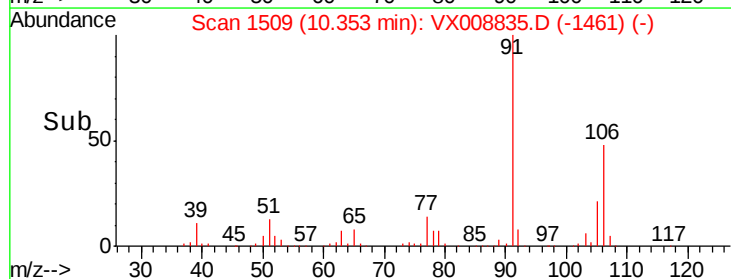
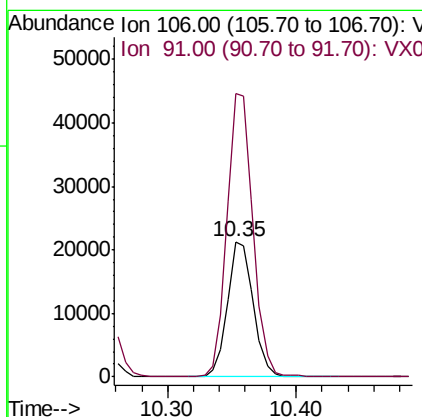
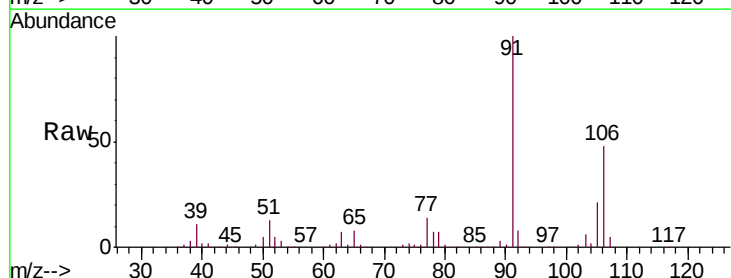
Instrument :
MSVOA_X
ClientSampleId :
SU-04-040919-B

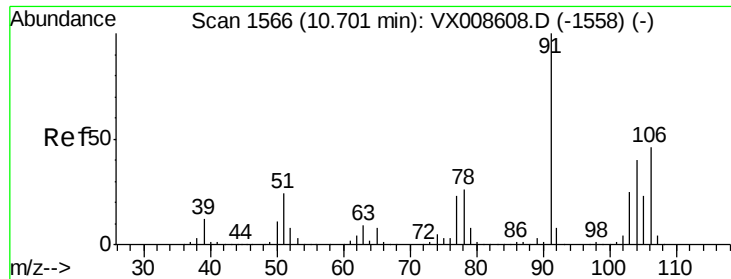
Tgt Ion: 91 Resp: 17699
Ion Ratio Lower Upper
91 100
106 31.9 23.7 35.5



#68
m/p-Xylenes
Concen: 6.967 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX008835.D
Acq: 11 Apr 2019 03:51

Tgt Ion: 106 Resp: 30032
Ion Ratio Lower Upper
106 100
91 210.4 168.5 252.7

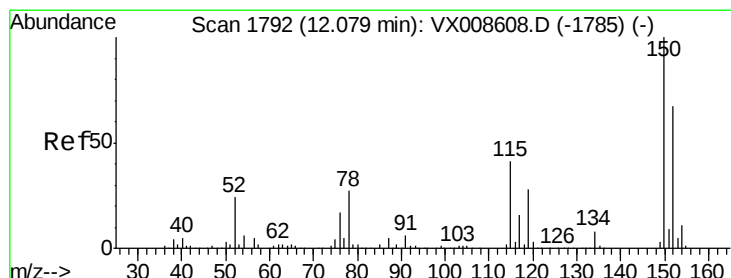
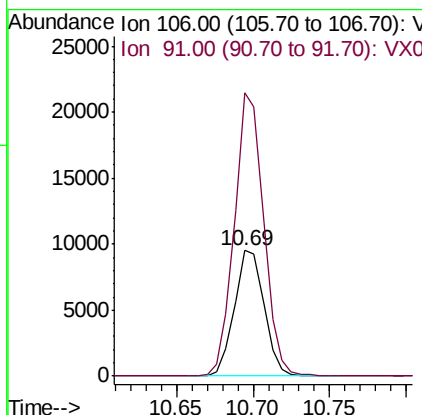
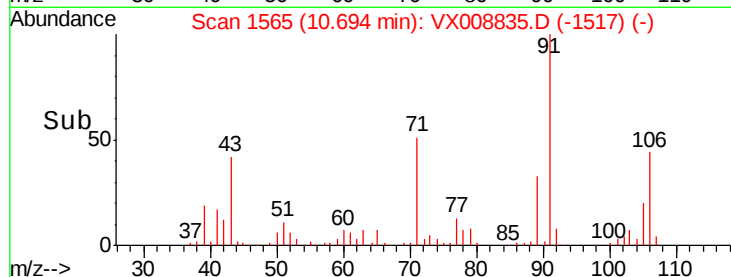
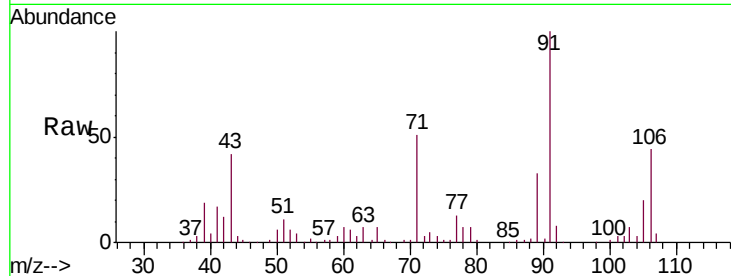




#69
o-Xylene
Concen: 3.097 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008835.D
Acq: 11 Apr 2019 03:51

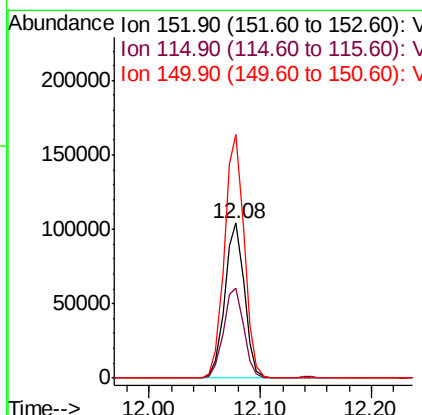
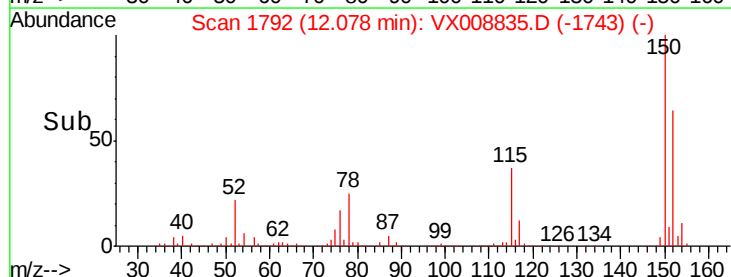
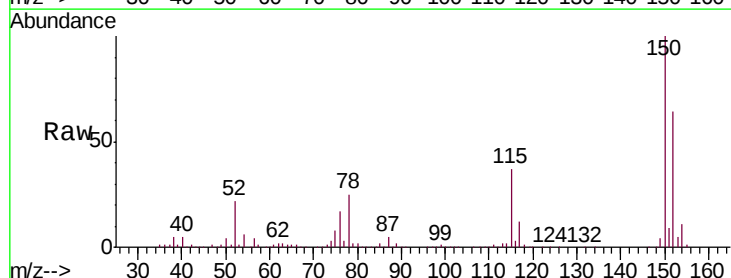
Instrument :
MSVOA_X
ClientSampleId :
SU-04-040919-B

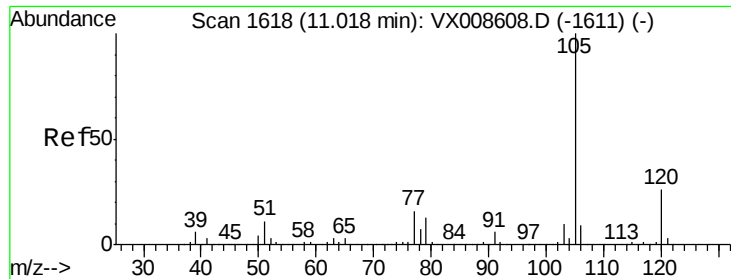
Tgt Ion:106 Resp: 12939
Ion Ratio Lower Upper
106 100
91 220.9 111.5 334.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008835.D
Acq: 11 Apr 2019 03:51

Tgt Ion:152 Resp: 126479
Ion Ratio Lower Upper
152 100
115 59.5 43.5 130.5
150 158.0 0.0 348.8





#73

Isopropylbenzene

Concen: 0.222 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008835.D

Acq: 11 Apr 2019 03:51

Instrument :

MSVOA_X

ClientSampleId :

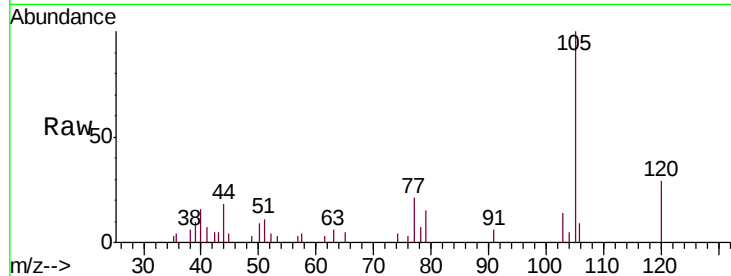
SU-04-040919-B

Tgt Ion: 105 Resp: 2322

Ion Ratio Lower Upper

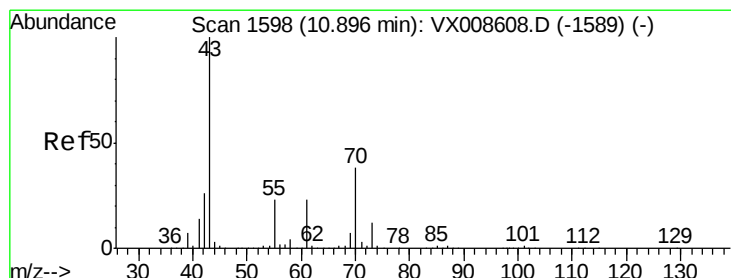
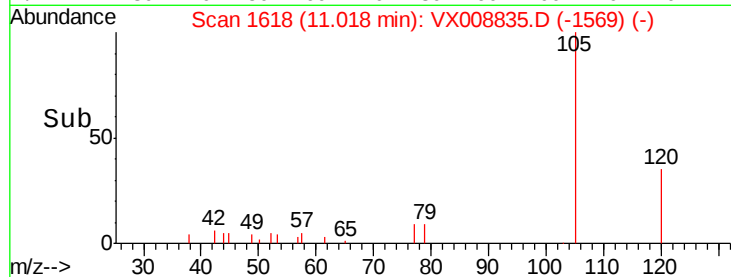
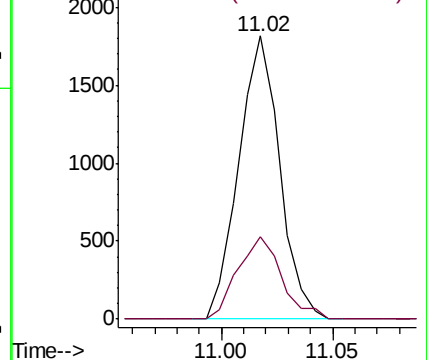
105 100

120 31.5 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 1.759 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.20 min

Lab File: VX008835.D

Acq: 11 Apr 2019 03:51

Tgt Ion: 43 Resp: 10847

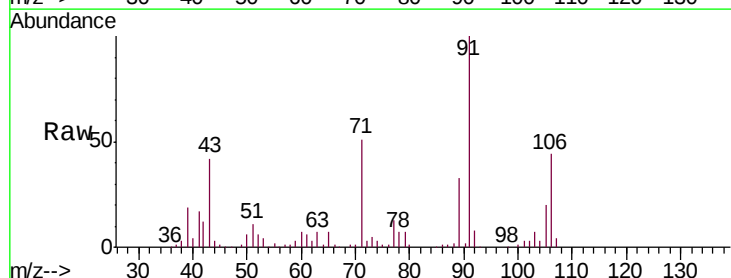
Ion Ratio Lower Upper

43 100

70 2.3 30.2 45.4#

55 6.2 18.2 27.4#

61 14.0 18.6 28.0#

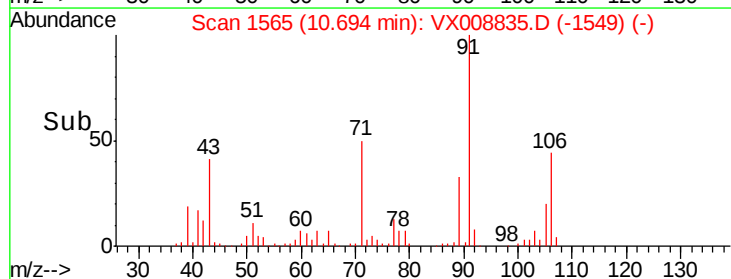
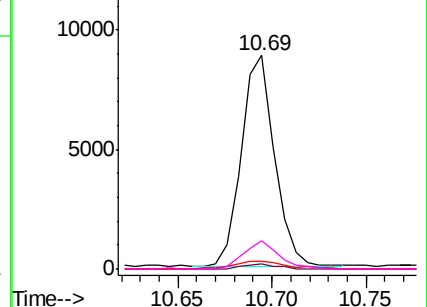


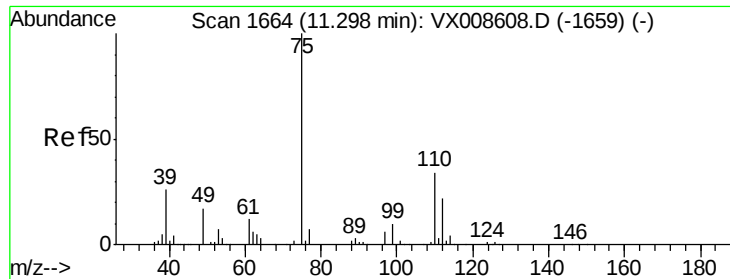
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

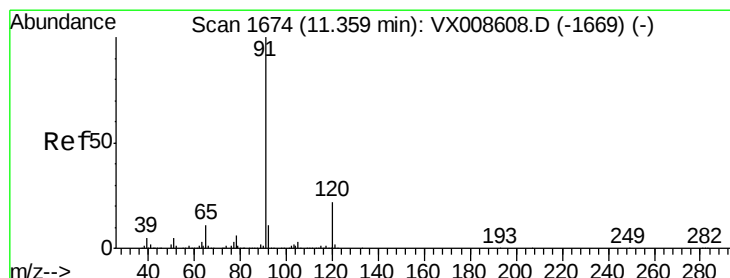
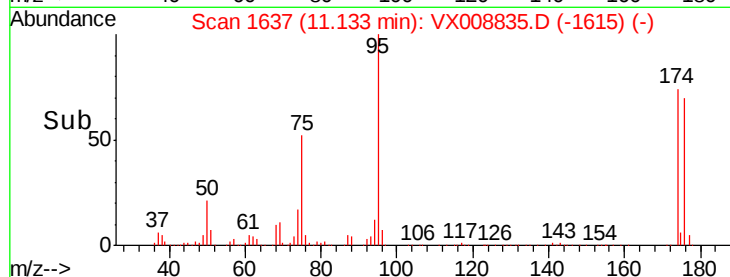
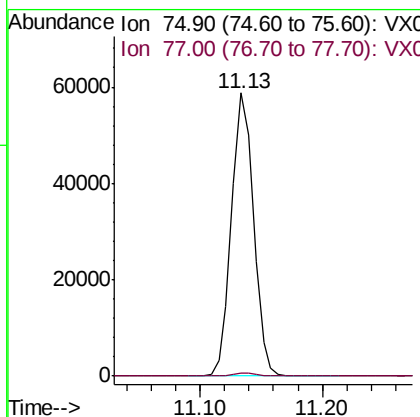
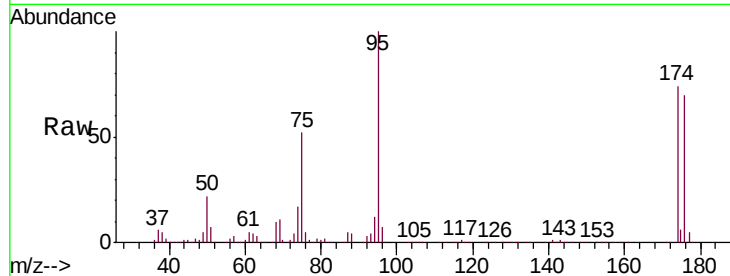




#76
 1,2,3-Trichloropropane
 Concen: 21.098 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.17 min
 Lab File: VX008835.D
 Acq: 11 Apr 2019 03:51

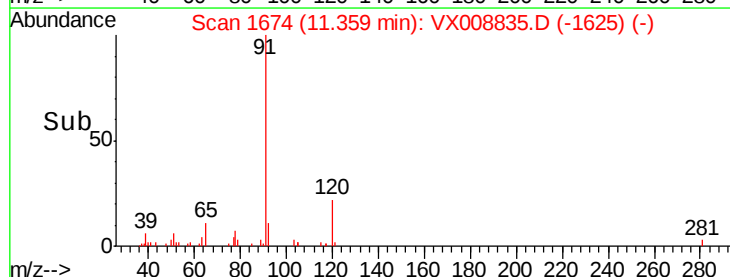
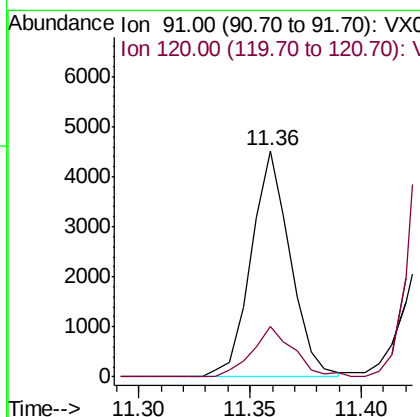
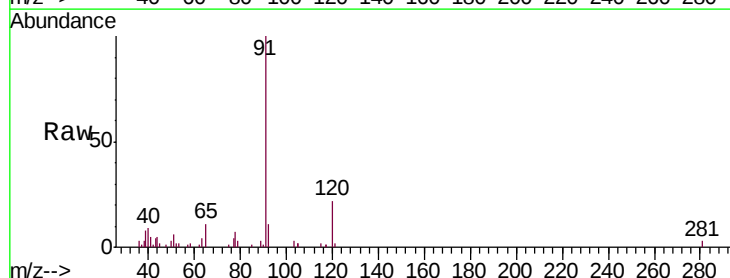
Instrument :
 MSVOA_X
 ClientSampleId :
 SU-04-040919-B

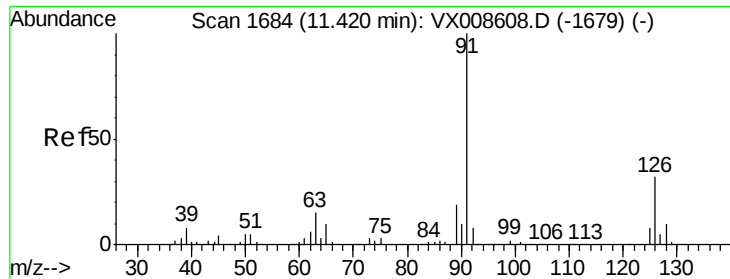
Tgt Ion: 75 Resp: 73306
 Ion Ratio Lower Upper
 75 100
 77 1.4 22.3 66.8#



#78
 n-propylbenzene
 Concen: 0.451 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: VX008835.D
 Acq: 11 Apr 2019 03:51

Tgt Ion: 91 Resp: 5506
 Ion Ratio Lower Upper
 91 100
 120 23.4 10.9 32.7

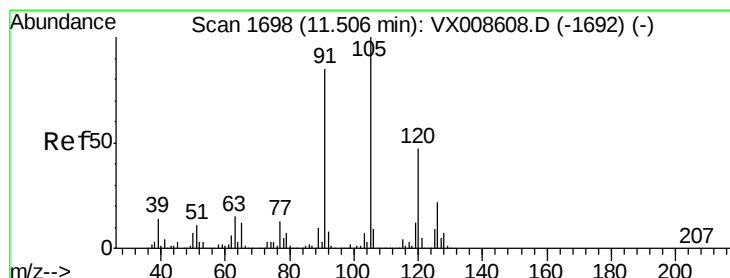
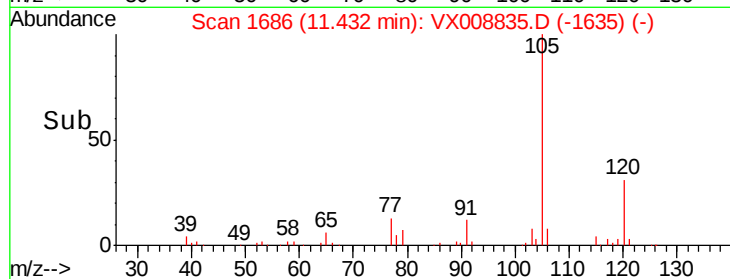
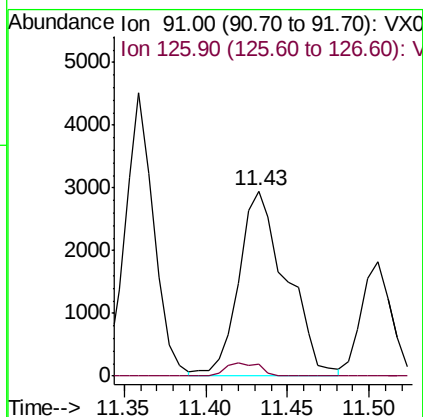
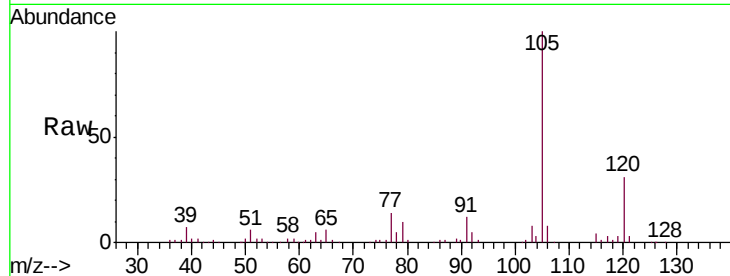




#79
 2-Chlorotoluene
 Concen: 0.811 ug/l
 RT: 11.43 min Scan# 1686
 Delta R.T. 0.01 min
 Lab File: VX008835.D
 Acq: 11 Apr 2019 03:51

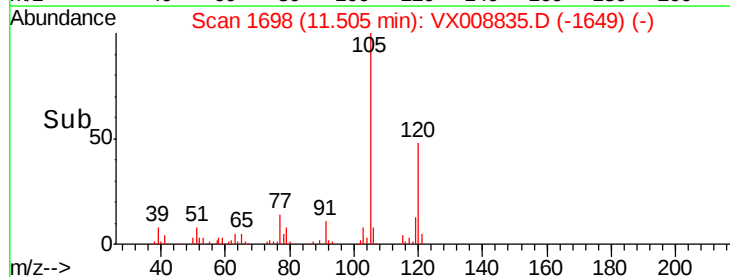
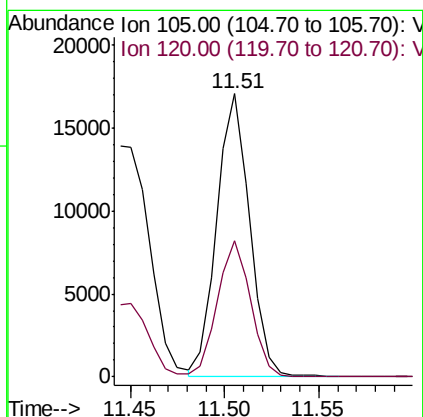
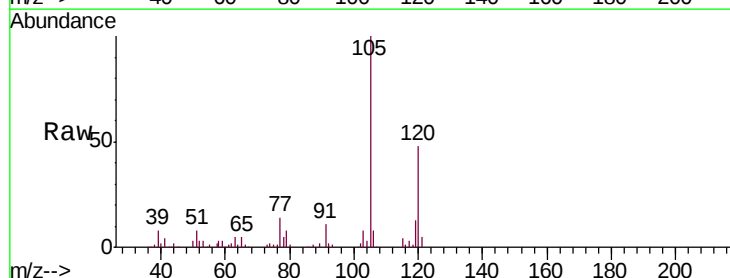
Instrument :
 MSVOA_X
 ClientSampleId :
 SU-04-040919-B

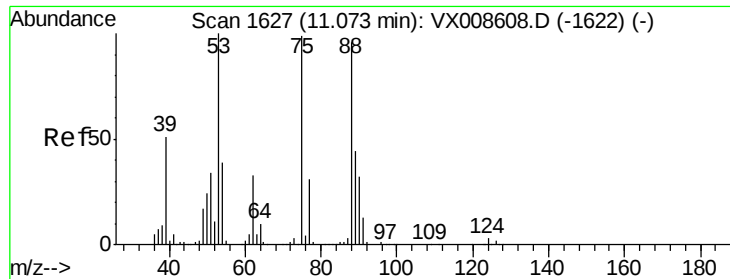
Tgt Ion: 91 Resp: 5989
 Ion Ratio Lower Upper
 91 100
 126 5.1 16.1 48.3#



#80
 1,3,5-Trimethylbenzene
 Concen: 2.350 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008835.D
 Acq: 11 Apr 2019 03:51

Tgt Ion: 105 Resp: 20676
 Ion Ratio Lower Upper
 105 100
 120 48.5 23.5 70.6





#81

trans-1,4-Dichloro-2-butene

Concen: 58.158 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX008835.D

Acq: 11 Apr 2019 03:51

Instrument :

MSVOA_X

ClientSampleId :

SU-04-040919-B

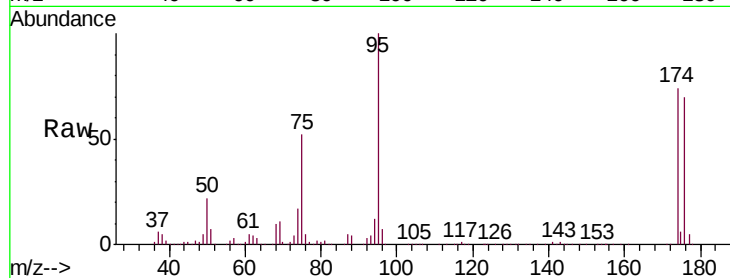
Tgt Ion: 75 Resp: 73306

Ion Ratio Lower Upper

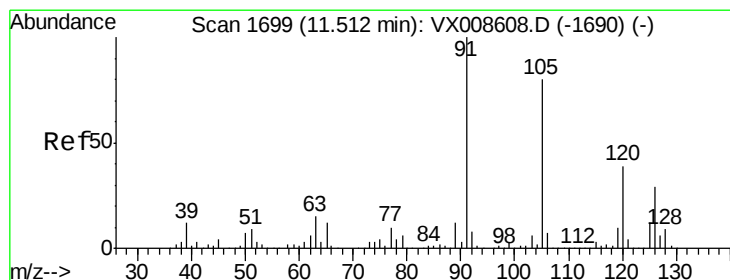
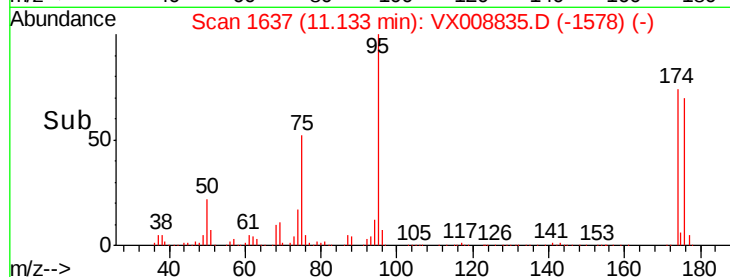
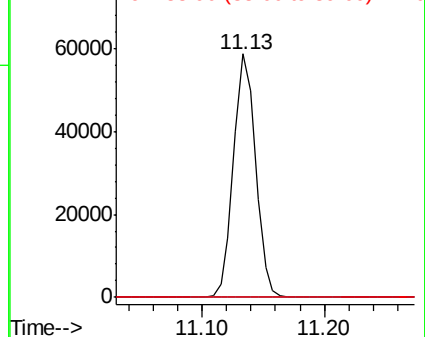
75 100

53 0.0 81.3 121.9#

89 0.0 35.6 53.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 0.279 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX008835.D

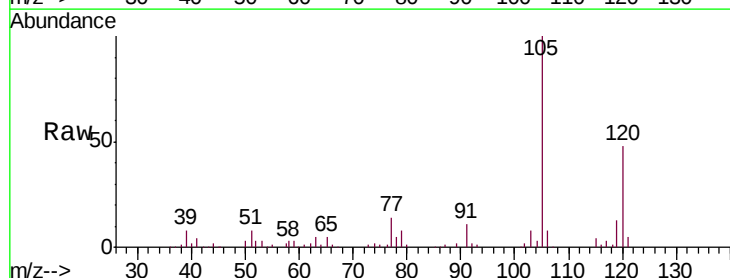
Acq: 11 Apr 2019 03:51

Tgt Ion: 91 Resp: 2389

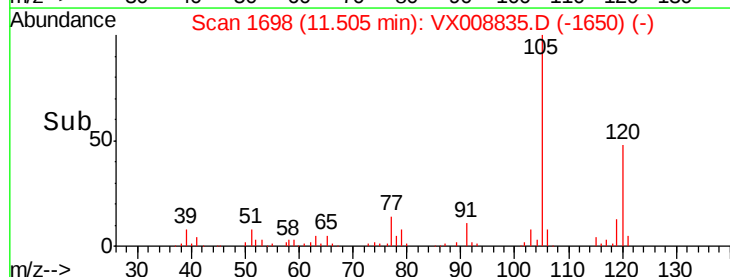
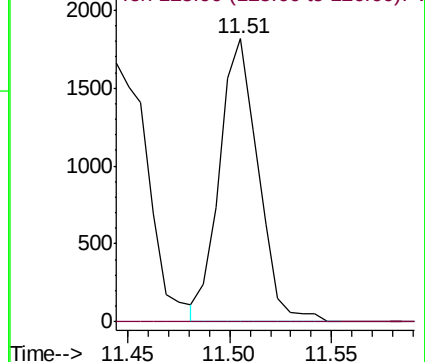
Ion Ratio Lower Upper

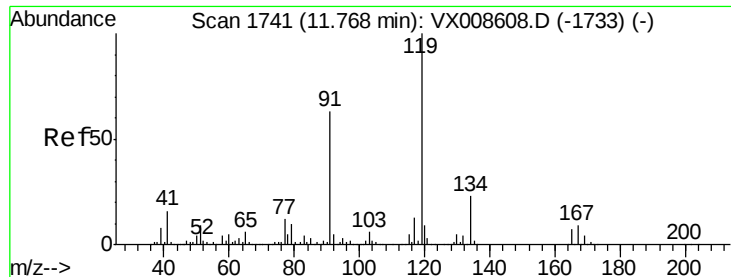
91 100

126 0.0 13.9 41.6#



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

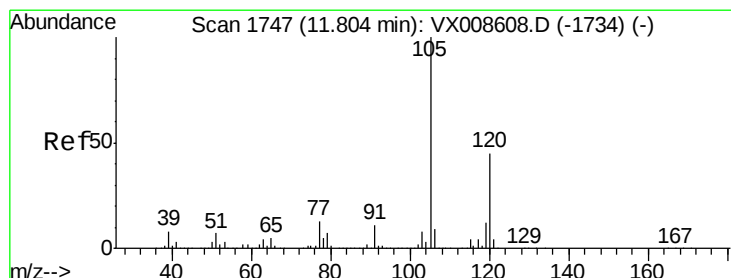
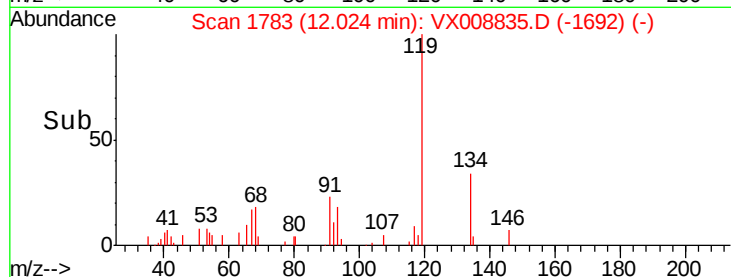
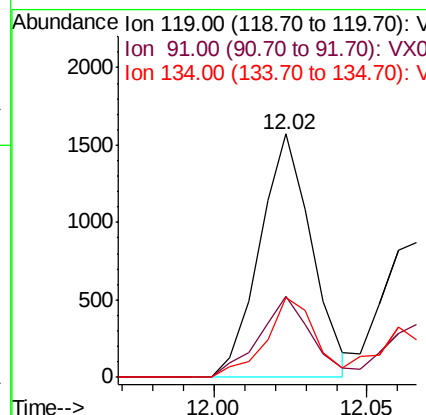
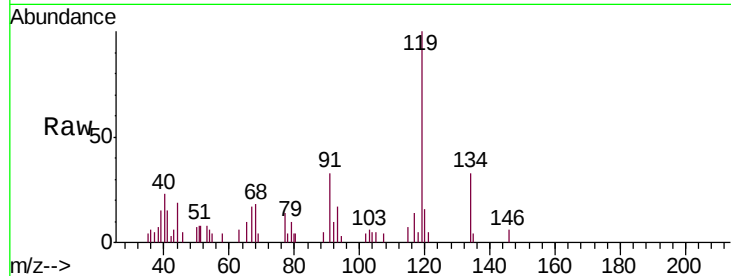




#83
 tert-Butylbenzene
 Concen: 0.219 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.26 min
 Lab File: VX008835.D
 Acq: 11 Apr 2019 03:51

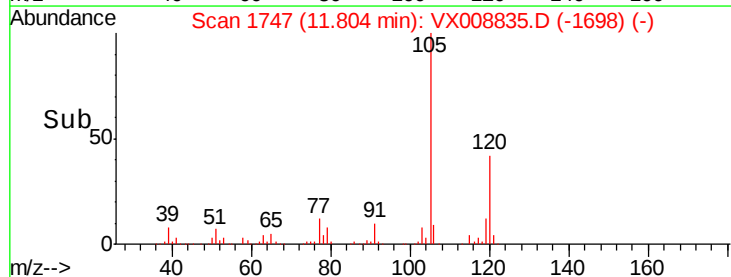
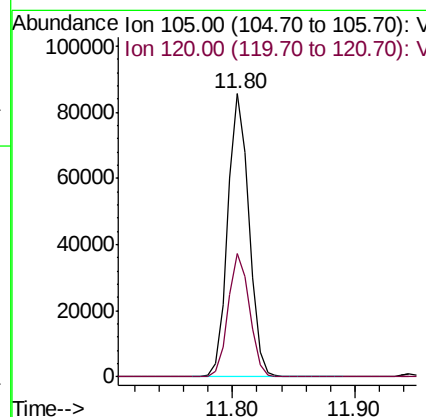
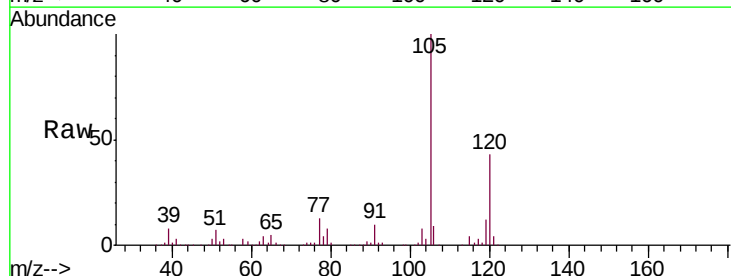
Instrument :
 MSVOA_X
 ClientSampleId :
 SU-04-040919-B

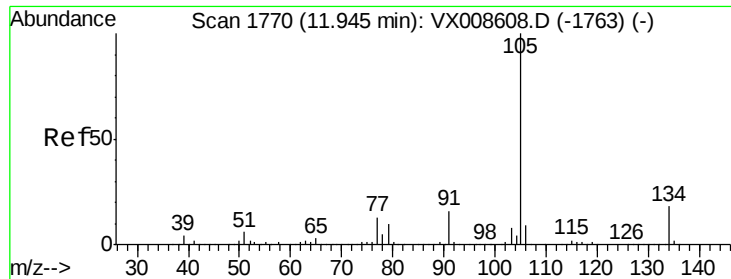
Tgt Ion:119 Resp: 1857
 Ion Ratio Lower Upper
 119 100
 91 33.1 30.0 90.1
 134 31.0 11.1 33.3



#84
 1,2,4-Trimethylbenzene
 Concen: 11.520 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008835.D
 Acq: 11 Apr 2019 03:51

Tgt Ion:105 Resp: 102631
 Ion Ratio Lower Upper
 105 100
 120 43.6 21.8 65.3

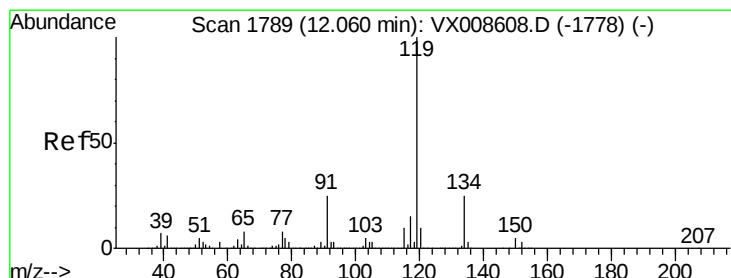
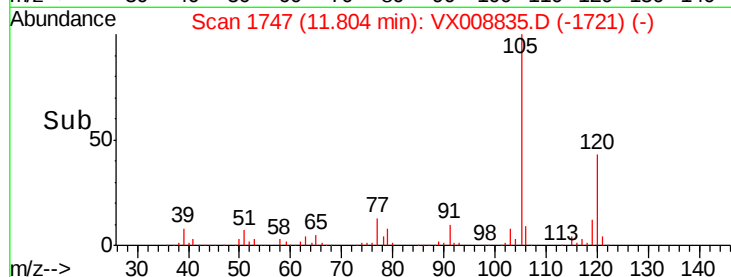
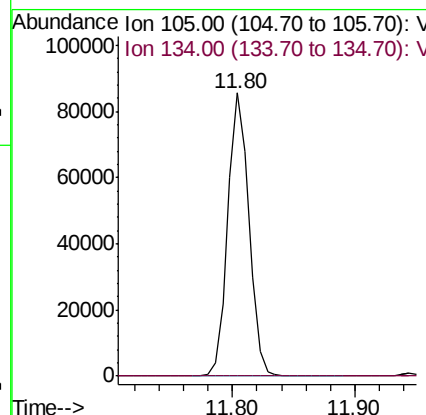
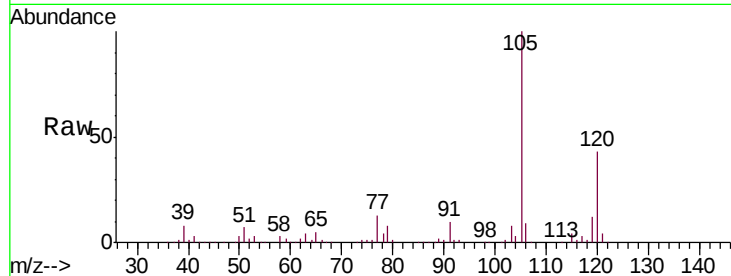




#85
 sec-Butylbenzene
 Concen: 10.207 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.14 min
 Lab File: VX008835.D
 Acq: 11 Apr 2019 03:51

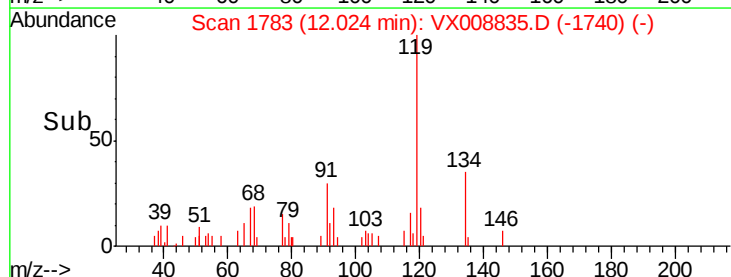
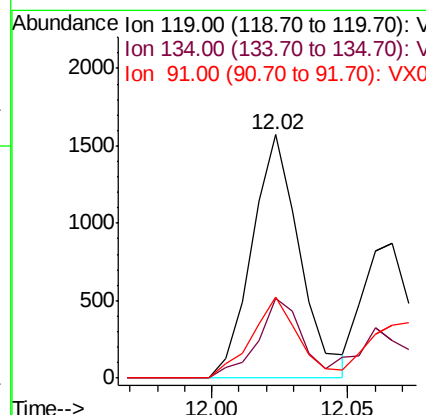
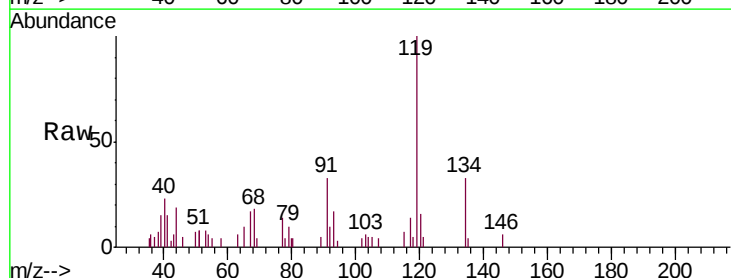
Instrument :
 MSVOA_X
 ClientSampleId :
 SU-04-040919-B

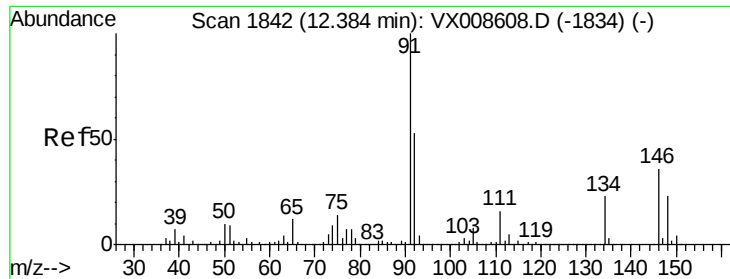
Tgt Ion:105 Resp: 102631
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.4 28.2#



#86
 p-Isopropyltoluene
 Concen: 0.212 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.04 min
 Lab File: VX008835.D
 Acq: 11 Apr 2019 03:51

Tgt Ion:119 Resp: 1914
 Ion Ratio Lower Upper
 119 100
 134 30.0 12.8 38.4
 91 33.0 12.2 36.6

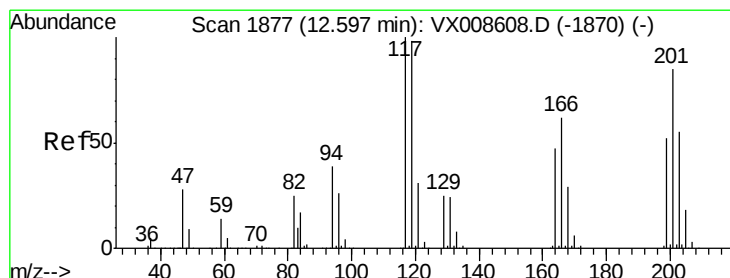
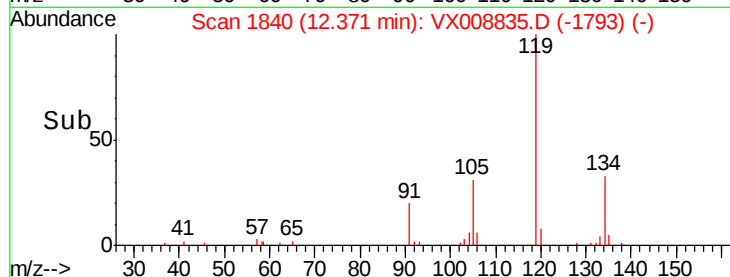
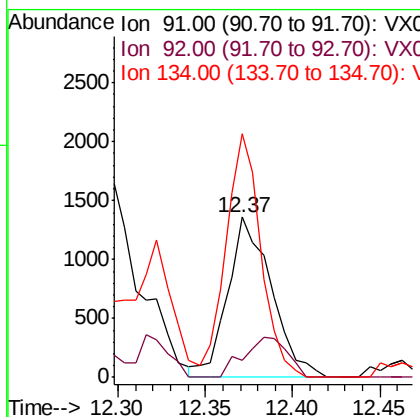
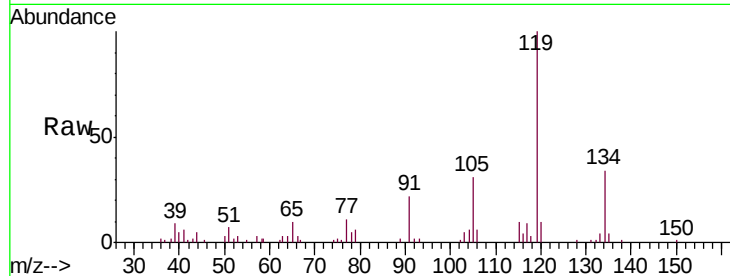




#89
n-Butylbenzene
Concen: 0.280 ug/l
RT: 12.37 min Scan# 1840
Delta R.T. -0.01 min
Lab File: VX008835.D
Acq: 11 Apr 2019 03:51

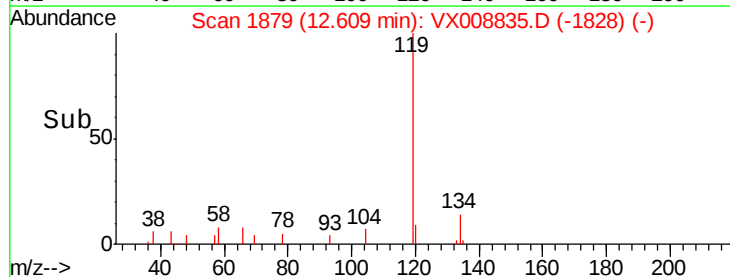
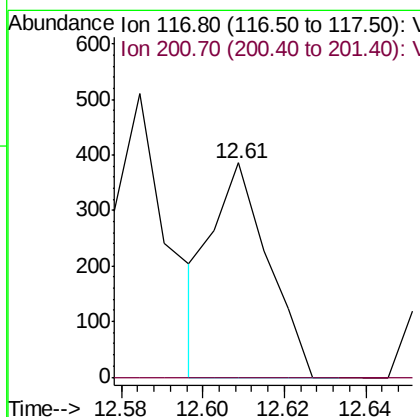
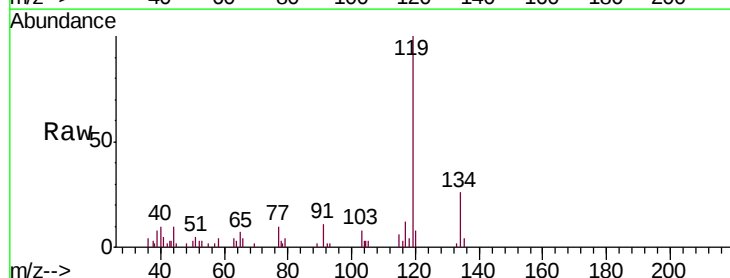
Instrument :
MSVOA_X
ClientSampleID :
SU-04-040919-B

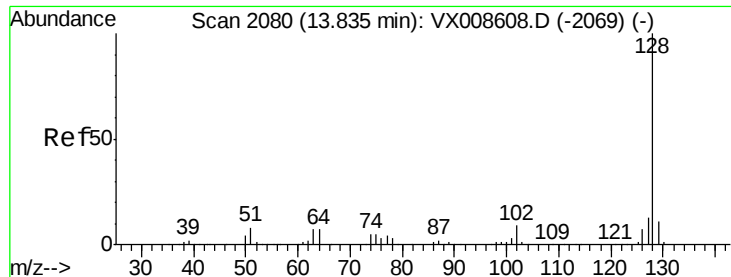
Tgt Ion: 91 Resp: 2370
Ion Ratio Lower Upper
91 100
92 24.8 26.4 79.2#
134 120.8 12.0 36.0#



#90
Hexachloroethane
Concen: 0.245 ug/l
RT: 12.61 min Scan# 1879
Delta R.T. 0.01 min
Lab File: VX008835.D
Acq: 11 Apr 2019 03:51

Tgt Ion: 117 Resp: 366
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#





#95
Naphthalene
Concen: 2.977 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008835.D
Acq: 11 Apr 2019 03:51

Instrument :
MSVOA_X
ClientSampleId :
SU-04-040919-B

Tgt Ion:128 Resp: 30989
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.7 8.6 13.0

