

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122418\
 Data File : VX006804.D
 Acq On : 24 Dec 2018 19:17
 Operator : JC/MD
 Sample : J6426-17MEDL 20X
 Misc : 1.60µ/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 P001-SS013C-3642-01MEDL

Quant Time: Dec 25 01:25:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	712604	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1052872	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	982318	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	496612	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	355588	46.30	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.60%	
35) Dibromofluoromethane	5.50	113	311414	46.77	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.54%	
50) Toluene-d8	8.71	98	1264494	50.38	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.76%	
62) 4-Bromofluorobenzene	11.13	95	461556	50.21	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	1452	Below Cal	#	51
6) Chloroethane	1.59	64	5990	1.179	ug/l #	42
11) Tert butyl alcohol	3.07	59	4891	2.854	ug/l #	85
16) Acetone	2.45	43	2628	0.745	ug/l #	86
18) Methyl Acetate	2.78	43	10667	1.028	ug/l #	86
20) Methylene Chloride	2.85	84	5289	0.725	ug/l #	83
27) cis-1,2-Dichloroethene	4.60	96	2522	0.324	ug/l	67
28) Bromochloromethane	5.04	49	134	Below Cal	#	3
31) Cyclohexane	5.58	56	7877	0.741	ug/l #	79
36) 1,1-Dichloropropene	5.67	75	45624	5.232	ug/l #	39
38) Carbon Tetrachloride	5.67	117	64316	7.589	ug/l #	14
39) Methylcyclohexane	7.46	83	22103	1.925	ug/l	93
49) 1,4-Dioxane	7.76	88	136	Below Cal	#	1
51) 4-Methyl-2-Pentanone	8.71	43	5427	0.618	ug/l #	1
52) Toluene	8.79	92	6343660	370.446	ug/l	97
53) t-1,3-Dichloropropene	8.79	75	69261	8.198	ug/l #	1
55) 1,1,2-Trichloroethane	9.16	97	3730	0.532	ug/l #	20
60) Dibromochloromethane	9.61	129	45	2.330	ug/l	91
67) Ethyl Benzene	10.25	91	1762074	51.888	ug/l	98
68) m/p-Xylenes	10.36	106	4167221	310.985	ug/l	99
69) o-Xylene	10.70	106	1075185	81.255	ug/l	98
70) Styrene	10.70	104	55568	2.654	ug/l #	1
73) Isopropylbenzene	11.02	105	39994	1.177	ug/l	99
74) N-ethyl acetate	10.91	43	3626	0.298	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	2265	0.224	ug/l #	26
76) 1,2,3-Trichloropropane	11.36	75	9486	1.028	ug/l	99
78) n-propylbenzene	11.36	91	68520	1.831	ug/l	98
79) 2-Chlorotoluene	11.43	91	28711	1.266	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	88056	3.147	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.13	75	214963	69.116	ug/l #	10
82) 4-Chlorotoluene	11.51	91	10141	0.390	ug/l #	48
84) 1,2,4-Trimethylbenzene	11.80	105	255900	8.694	ug/l	98
85) sec-Butylbenzene	11.94	105	10428	0.304	ug/l #	52
86) p-Isopropyltoluene	12.06	119	42375	1.404	ug/l	97

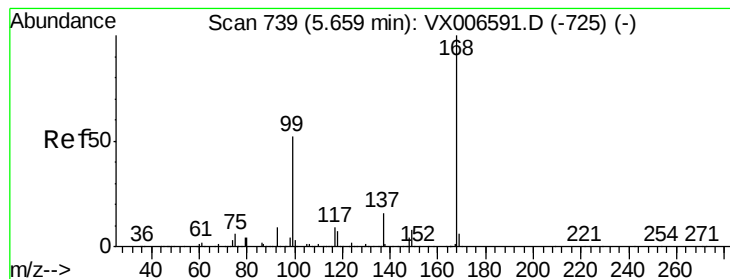
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122418\
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Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	12.38	91	28474	1.108	ug/l #	27
90) Hexachloroethane	12.59	117	3570	3.999	ug/l #	6
91) 1,2-Dichlorobenzene	12.40	146	3702	0.224	ug/l #	82
92) 1,2-Dibromo-3-Chloropropan	13.02	75	819	0.392	ug/l #	32
93) 1,2,4-Trichlorobenzene	13.65	180	44964	3.936	ug/l	94
95) Naphthalene	13.83	128	138199	3.791	ug/l	98
96) 1,2,3-Trichlorobenzene	14.02	180	9863	0.836	ug/l #	82

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006804.D

Acq: 24 Dec 2018 19:17

Instrument :

MSVOA_X

ClientSampleId :

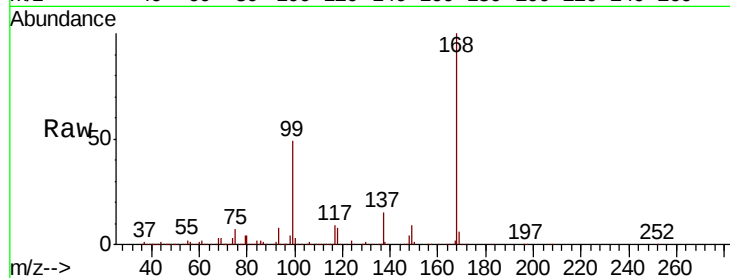
P001-SS013C-3642-01MEDL

Tot Ion:168 Resp: 712604

Ion Ratio Lower Upper

168 100

99 48.8 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

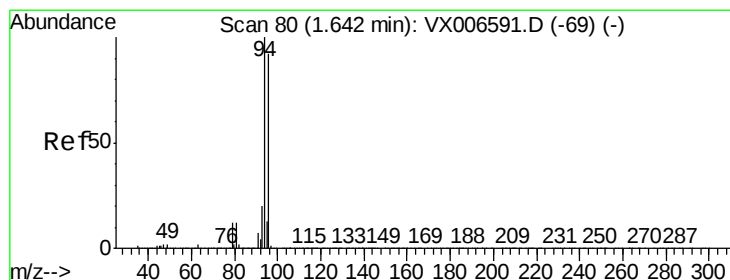
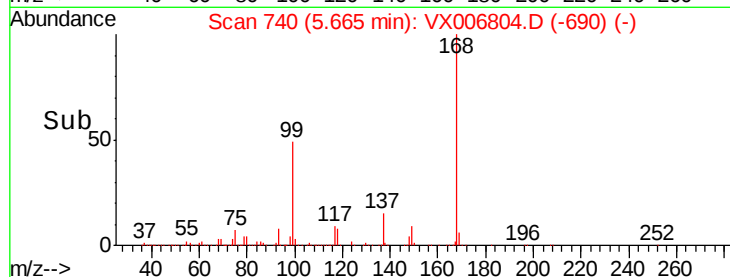
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX006804.D

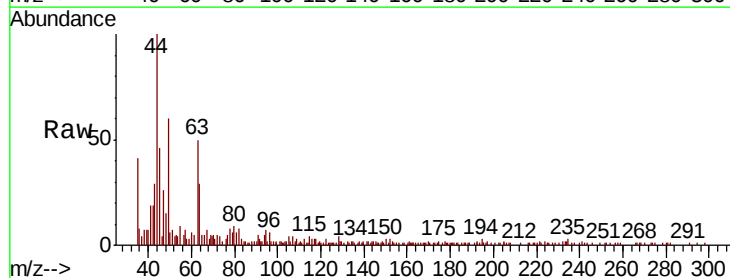
Acq: 24 Dec 2018 19:17

Tgt Ion: 94 Resp: 1452

Ion Ratio Lower Upper

94 100

96 45.3 73.4 110.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

1200

1000

800

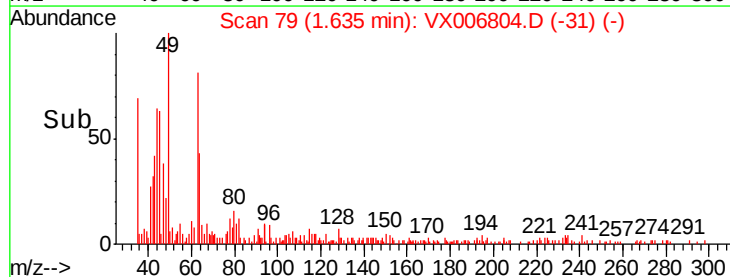
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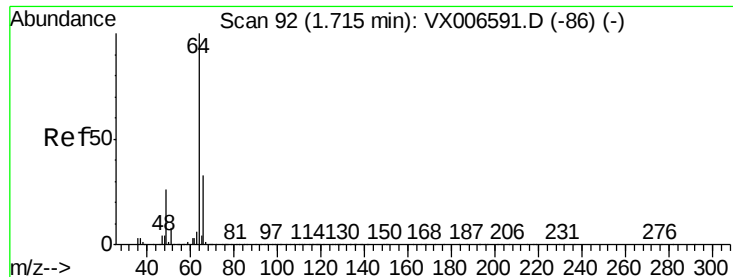
400

200

0

Time-->





#6

Chloroethane

Concen: 1.179 ug/l

RT: 1.59 min Scan# 72

Delta R.T. -0.12 min

Lab File: VX006804.D

Acq: 24 Dec 2018 19:17

Instrument :

MSVOA_X

ClientSampleId :

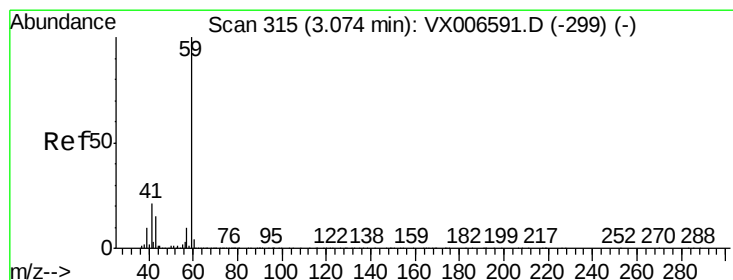
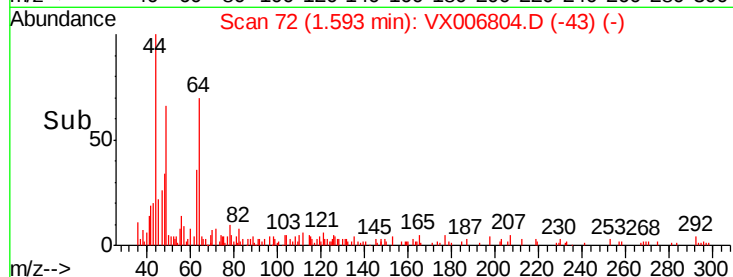
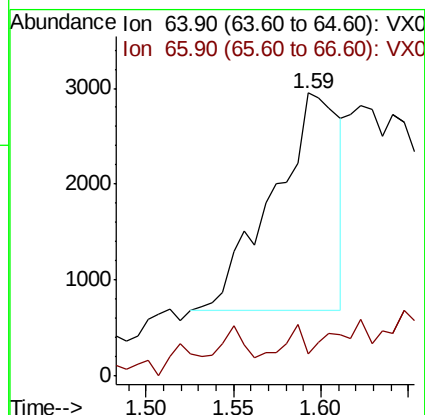
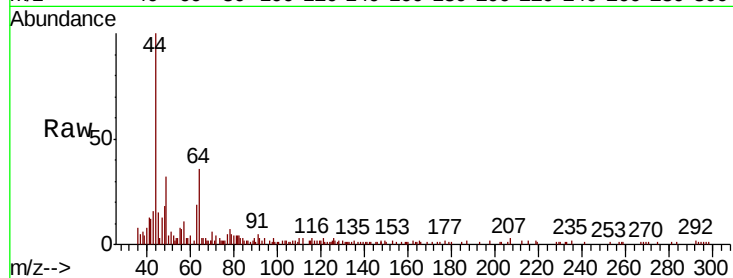
P001-SS013C-3642-01MEDL

Tot Ion: 64 Resp: 5990

Ion Ratio Lower Upper

64 100

66 0.3 26.4 39.6#



#11

Tert butyl alcohol

Concen: 2.854 ug/l

RT: 3.07 min Scan# 315

Delta R.T. -0.00 min

Lab File: VX006804.D

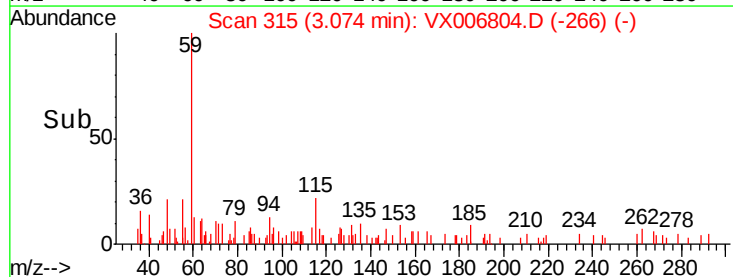
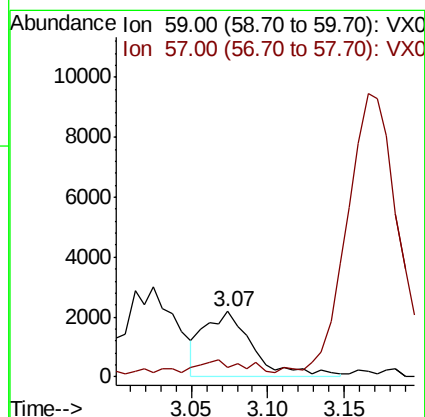
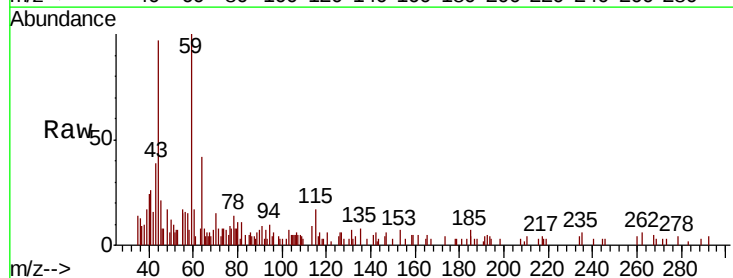
Acq: 24 Dec 2018 19:17

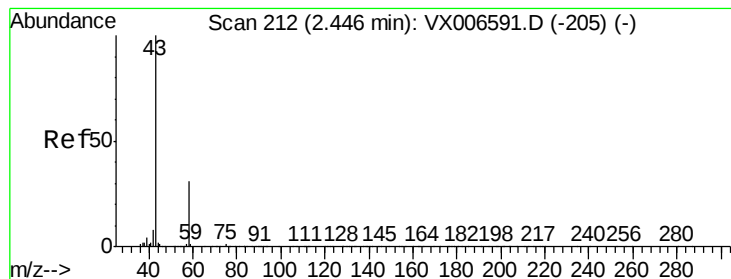
Tgt Ion: 59 Resp: 4891

Ion Ratio Lower Upper

59 100

57 16.2 8.5 12.7#





#16

Acetone

Concen: 0.745 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006804.D

Acq: 24 Dec 2018 19:17

Instrument :

MSVOA_X

ClientSampleId :

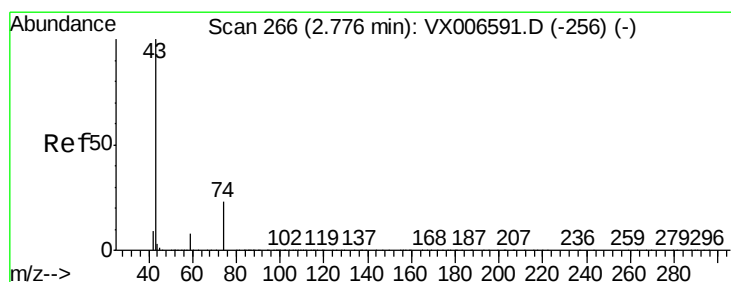
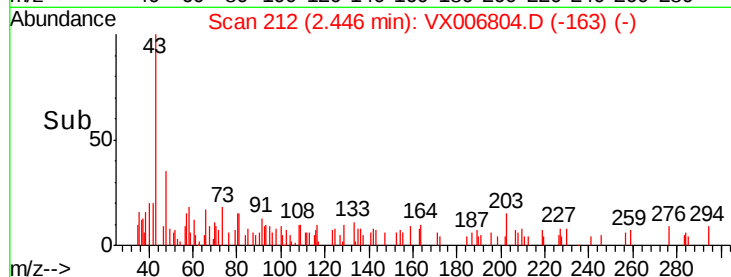
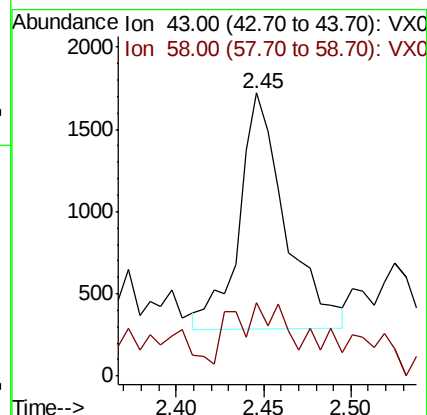
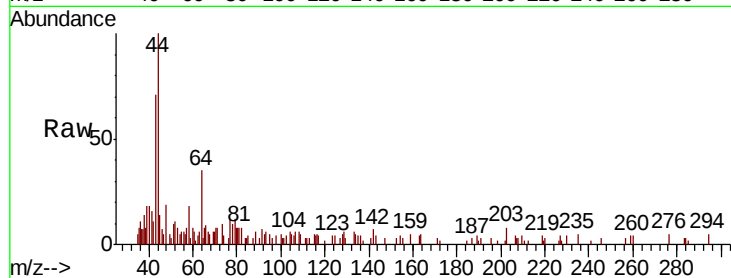
P001-SS013C-3642-01MEDL

Tot Ion: 43 Resp: 2628

Ion Ratio Lower Upper

43 100

58 23.6 25.0 37.6#



#18

Methyl Acetate

Concen: 1.028 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX006804.D

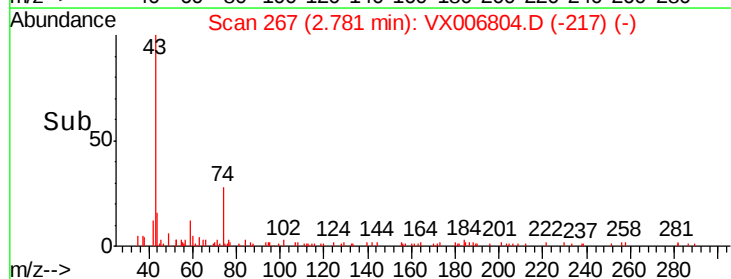
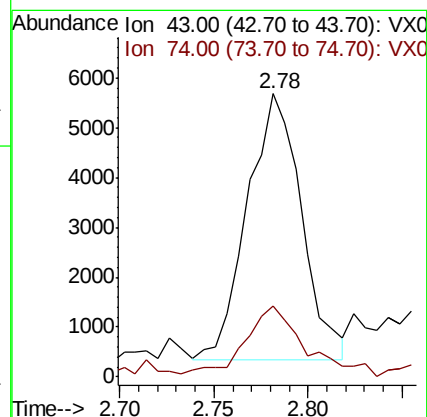
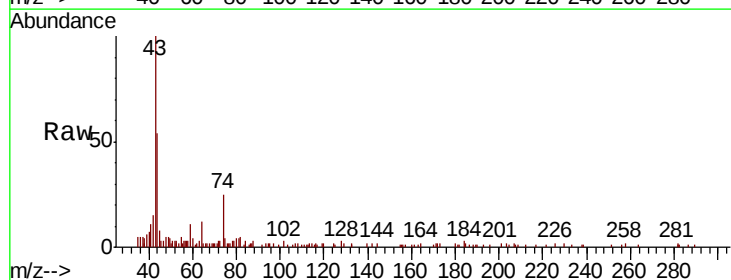
Acq: 24 Dec 2018 19:17

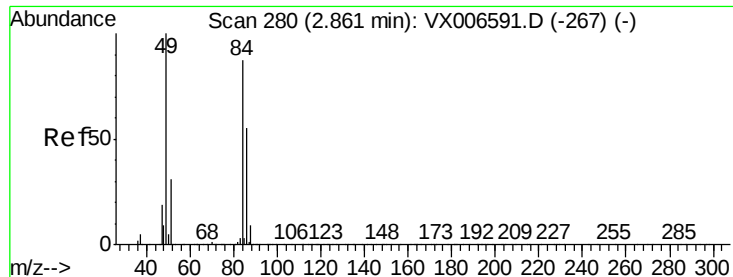
Tgt Ion: 43 Resp: 10667

Ion Ratio Lower Upper

43 100

74 30.0 18.6 28.0#

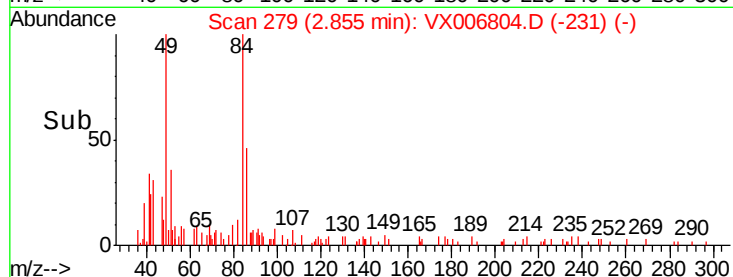
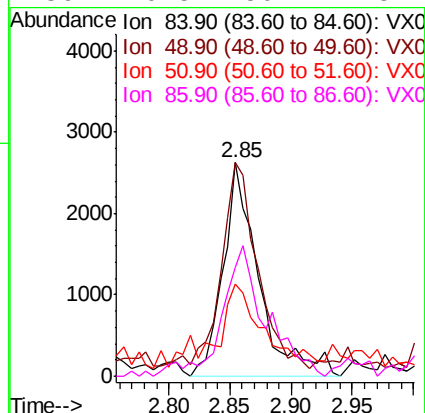
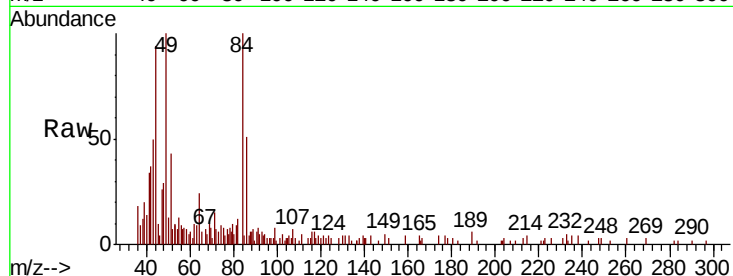




#20
Methvlene Chloride
Concen: 0.725 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006804.D
Acq: 24 Dec 2018 19:17

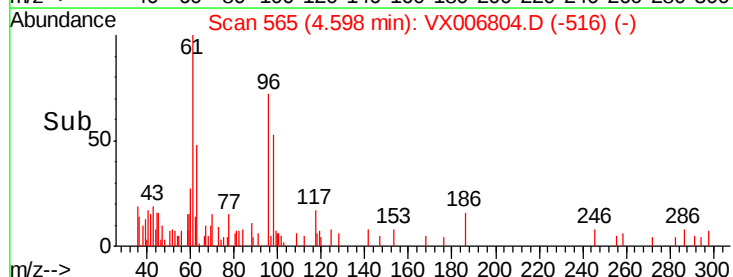
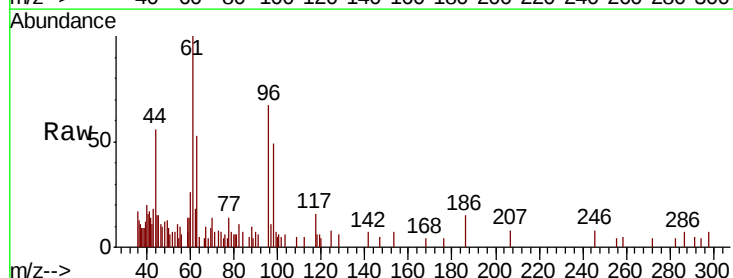
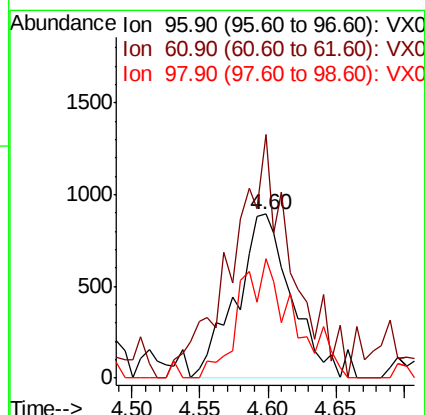
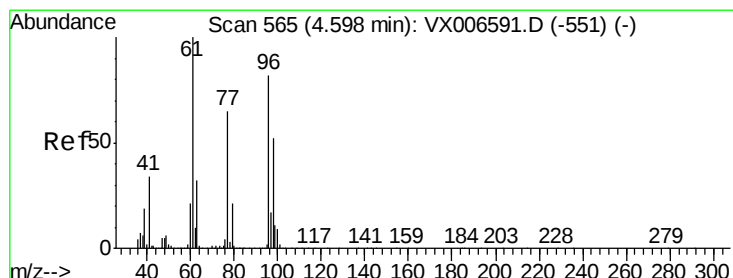
Instrument :
MSVOA_X
ClientSampleId :
P001-SS013C-3642-01MEDL

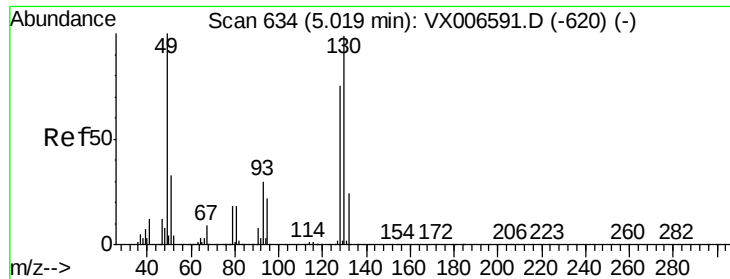
Tot Ion: 84 Resp: 5289
Ion Ratio Lower Upper
84 100
49 94.2 91.8 137.6
51 33.4 28.5 42.7
86 46.5 50.2 75.2#



#27
cis-1,2-Dichloroethene
Concen: 0.324 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006804.D
Acq: 24 Dec 2018 19:17

Tgt Ion: 96 Resp: 2522
Ion Ratio Lower Upper
96 100
61 159.9 0.0 258.6
98 28.7 0.0 132.0





#28

Bromochloromethane

Concen: Below Cal

RT: 5.04 min Scan# 638

Delta R.T. 0.02 min

Lab File: VX006804.D

Acq: 24 Dec 2018 19:17

Instrument :

MSVOA_X

ClientSampleId :

P001-SS013C-3642-01MEDL

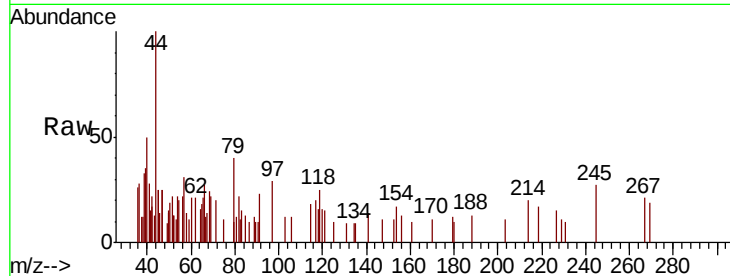
Tot Ion: 49 Resp: 134

Ion Ratio Lower Upper

49 100

129 20.1 0.0 5.4#

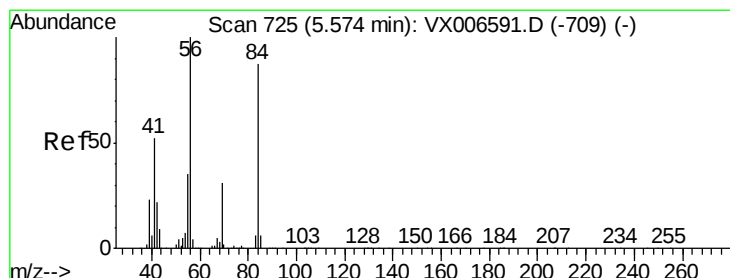
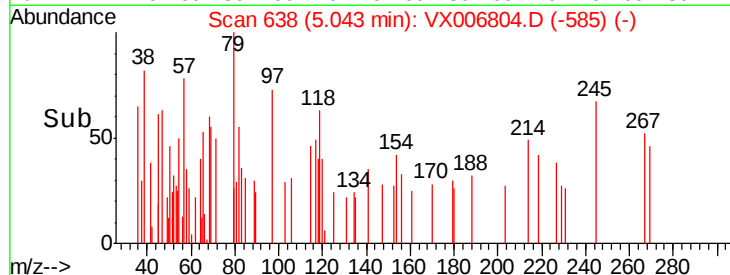
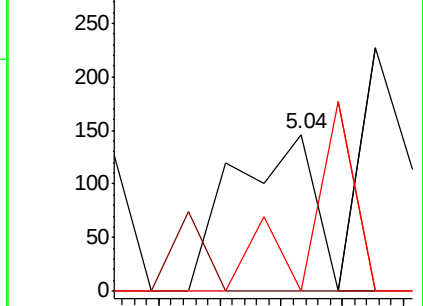
130 0.0 77.7 116.5#



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



#31

Cyclohexane

Concen: 0.741 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX006804.D

Acq: 24 Dec 2018 19:17

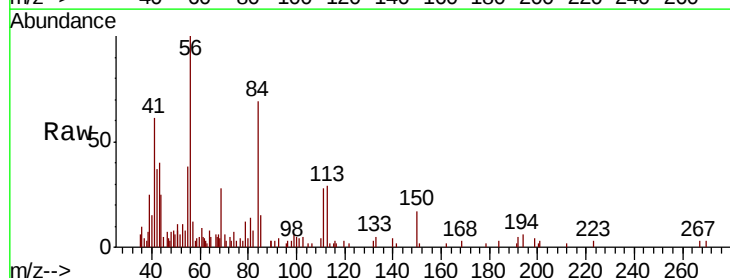
Tgt Ion: 56 Resp: 7877

Ion Ratio Lower Upper

56 100

69 23.8 24.4 36.6#

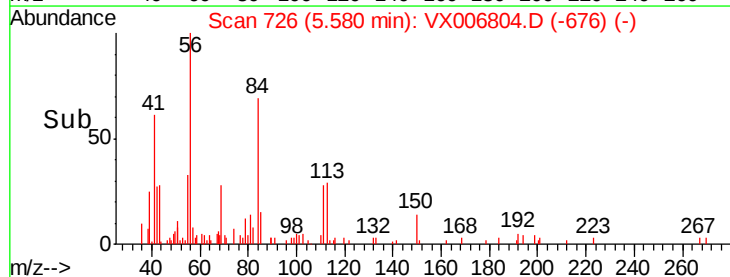
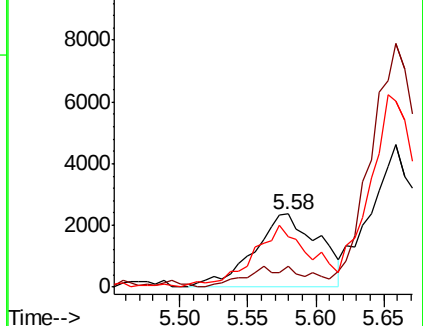
84 65.1 70.0 105.0#

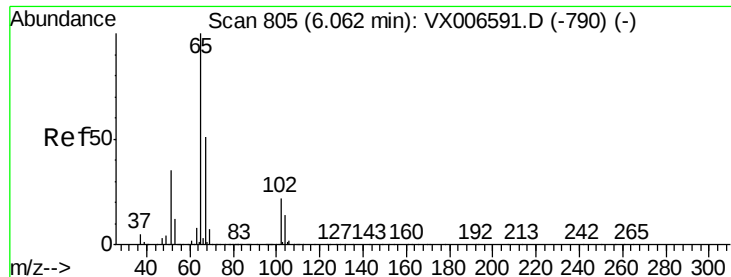


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 46.300 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006804.D

Acq: 24 Dec 2018 19:17

Instrument :

MSVOA_X

ClientSampleId :

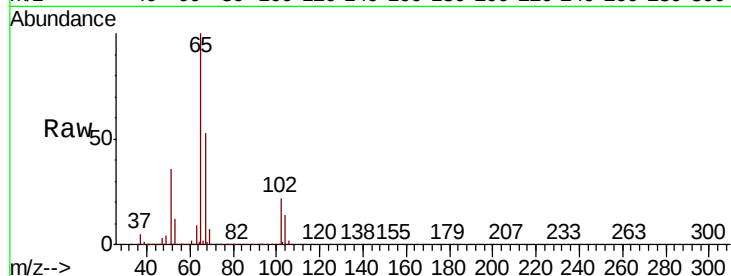
P001-SS013C-3642-01MEDL

Tot Ion: 65 Resp: 355588

Ion Ratio Lower Upper

65 100

67 53.3 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

150000

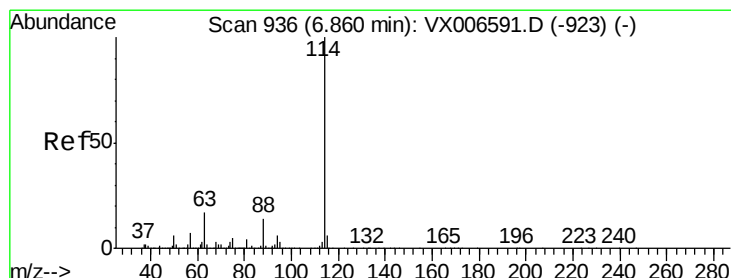
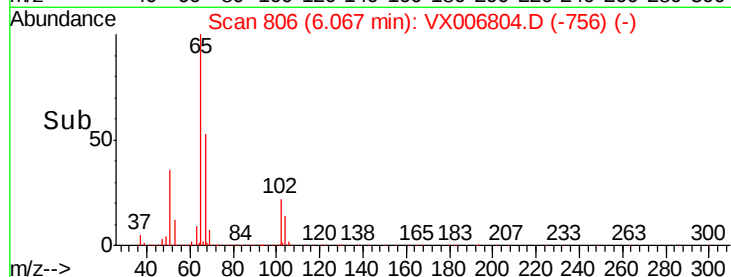
100000

50000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006804.D

Acq: 24 Dec 2018 19:17

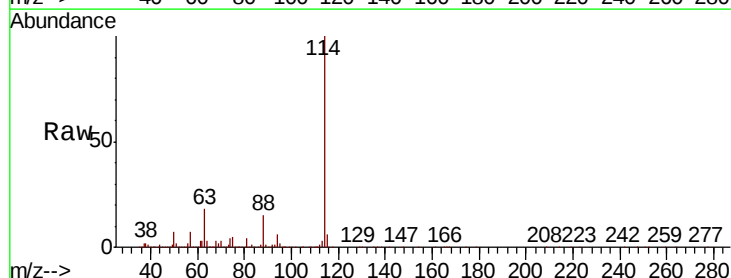
Tgt Ion:114 Resp: 1052872

Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.8

88 14.7 0.0 28.8



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

600000

500000

400000

300000

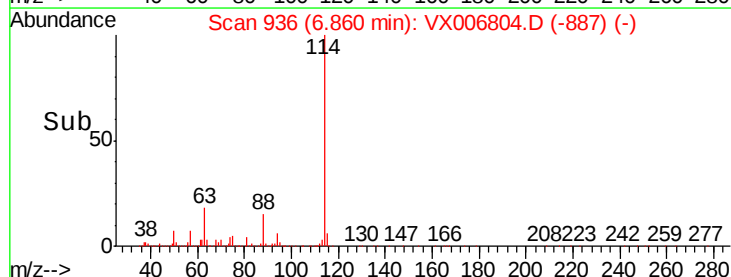
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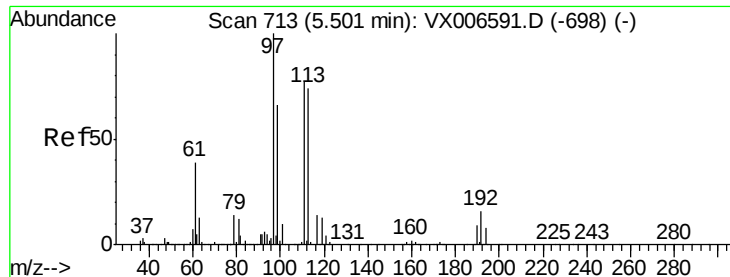
100000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 46.772 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006804.D

Acq: 24 Dec 2018 19:17

Instrument :

MSVOA_X

ClientSampleId :

P001-SS013C-3642-01MEDL

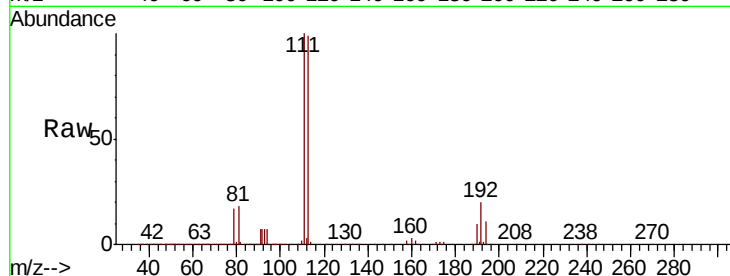
Tot Ion:113 Resp: 311414

Ion Ratio Lower Upper

113 100

111 101.0 81.6 122.4

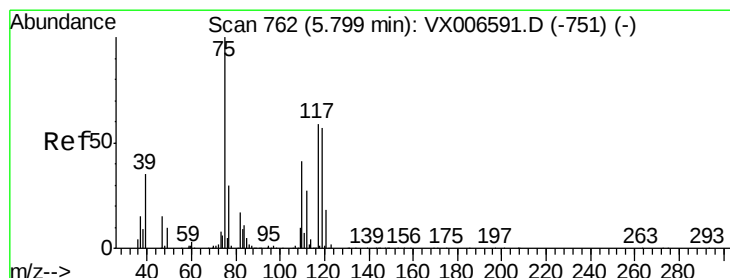
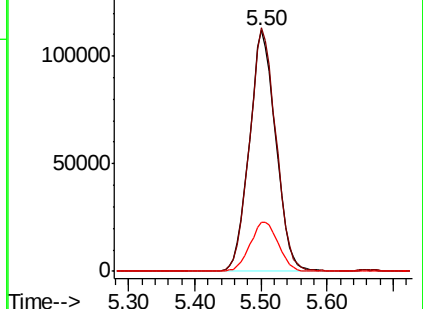
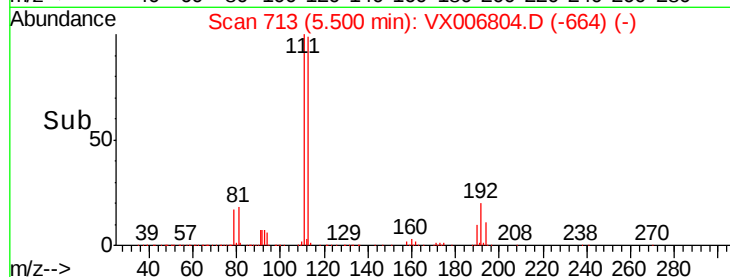
192 21.8 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.232 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX006804.D

Acq: 24 Dec 2018 19:17

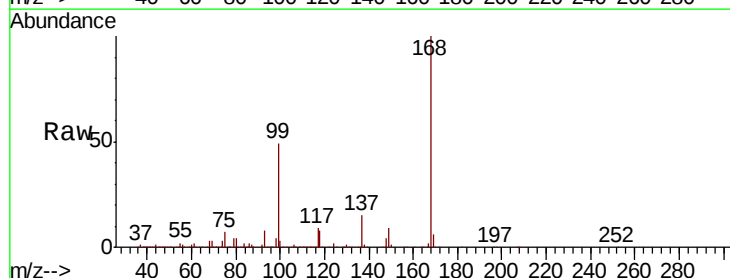
Tgt Ion: 75 Resp: 45624

Ion Ratio Lower Upper

75 100

110 0.0 20.2 60.5#

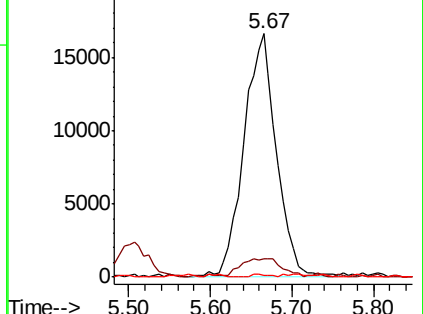
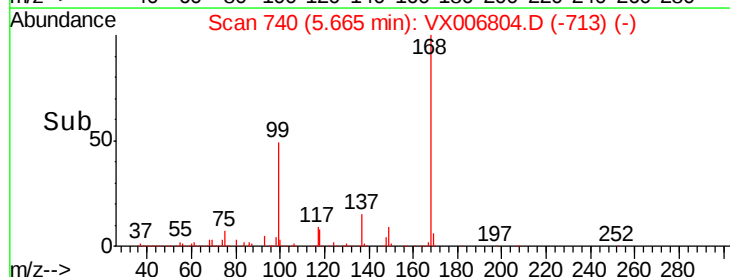
77 0.7 24.8 37.2#

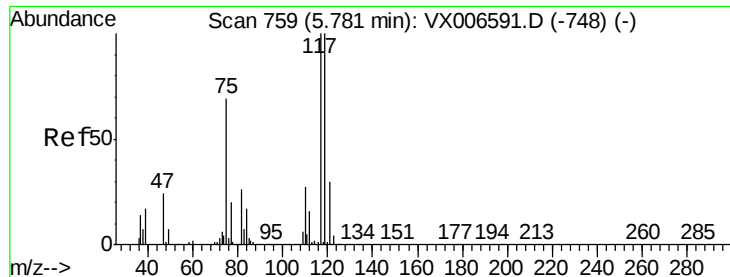


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 7.589 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX006804.D

Acq: 24 Dec 2018 19:17

Instrument :

MSVOA_X

ClientSampleId :

P001-SS013C-3642-01MEDL

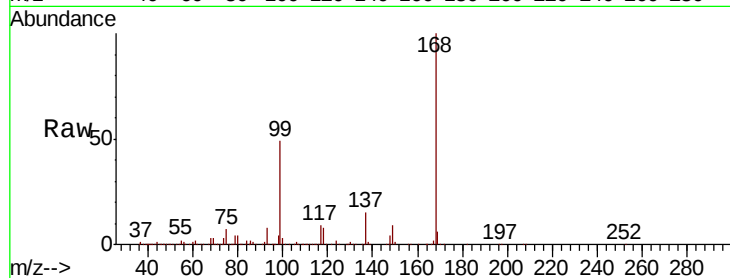
Tot Ion:117 Resp: 64316

Ion Ratio Lower Upper

117 100

119 5.0 79.4 119.2#

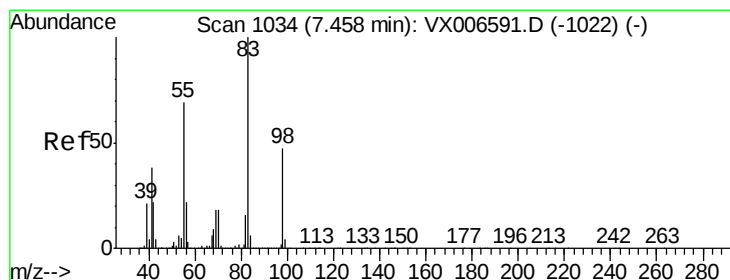
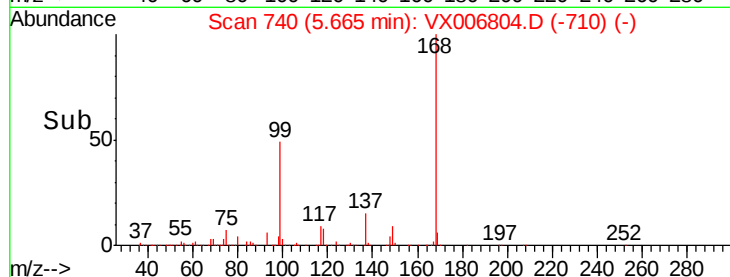
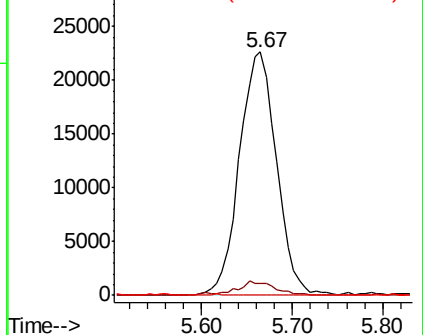
121 0.0 24.0 36.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 1.925 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.00 min

Lab File: VX006804.D

Acq: 24 Dec 2018 19:17

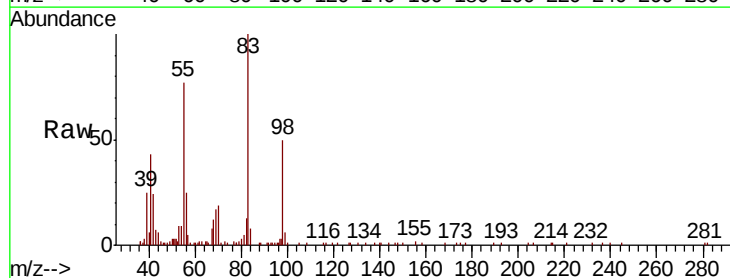
Tgt Ion: 83 Resp: 22103

Ion Ratio Lower Upper

83 100

55 76.1 54.9 82.3

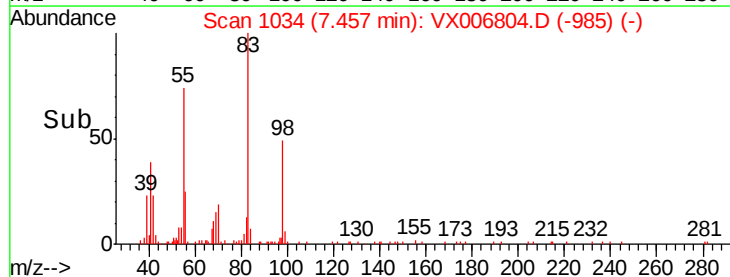
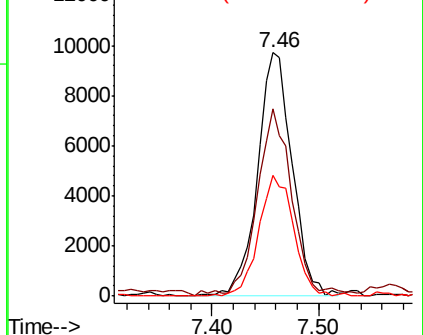
98 49.5 37.9 56.9

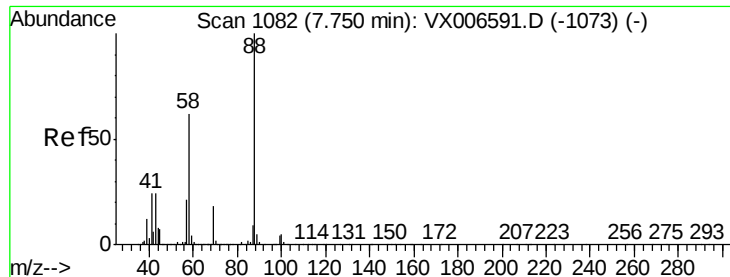


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#49

1,4-Dioxane

Concen: Below Cal

RT: 7.76 min Scan# 1084

Delta R.T. 0.01 min

Lab File: VX006804.D

Acq: 24 Dec 2018 19:17

Instrument :

MSVOA_X

ClientSampleId :

P001-SS013C-3642-01MEDL

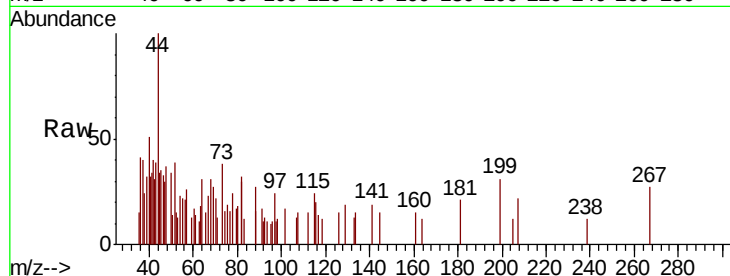
Tot Ion: 88 Resp: 136

Ion Ratio Lower Upper

88 100

43 166.2 22.2 33.4#

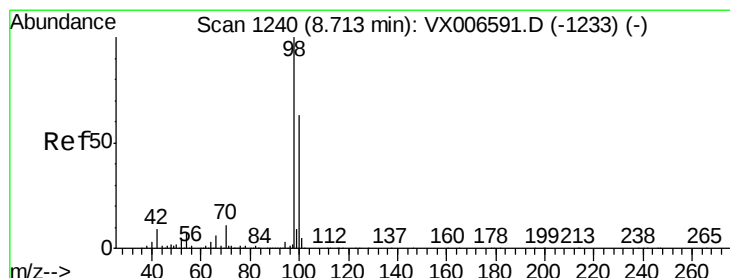
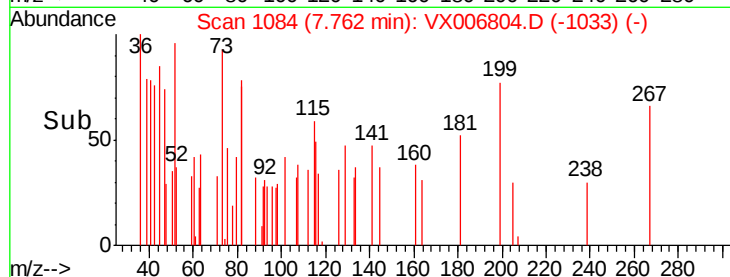
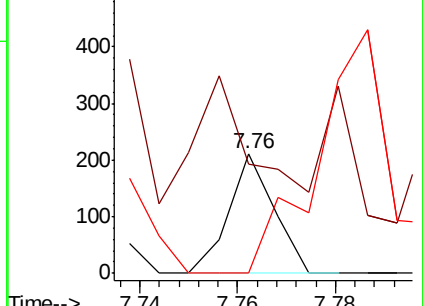
58 0.0 51.0 76.4#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.375 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006804.D

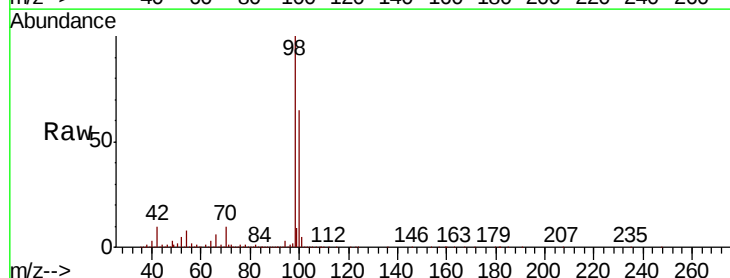
Acq: 24 Dec 2018 19:17

Tgt Ion: 98 Resp: 1264494

Ion Ratio Lower Upper

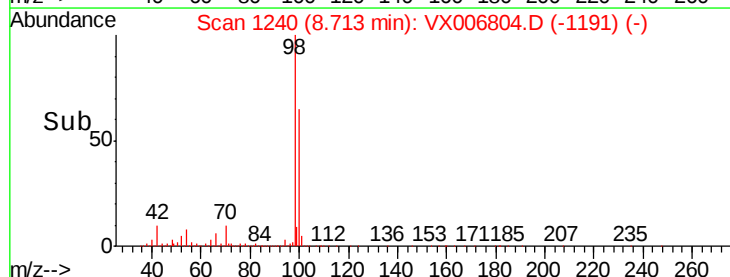
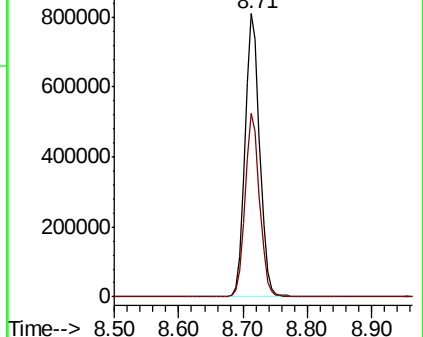
98 100

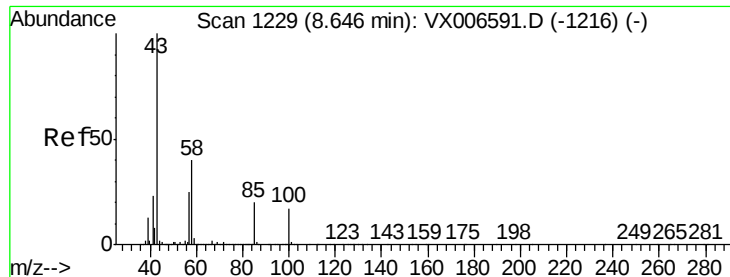
100 63.8 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

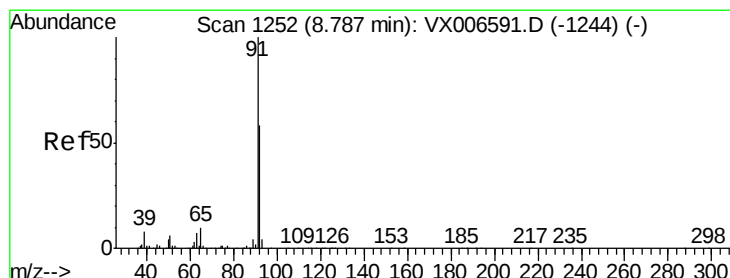
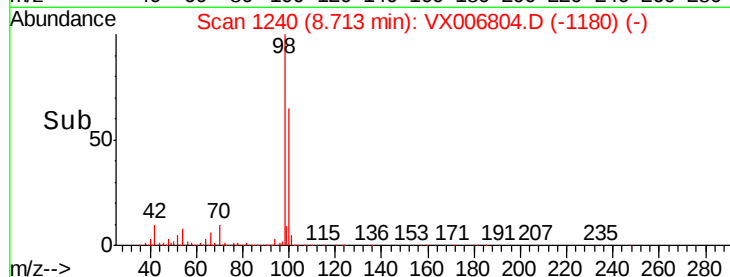
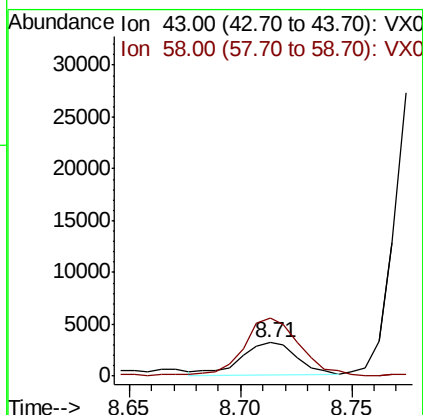
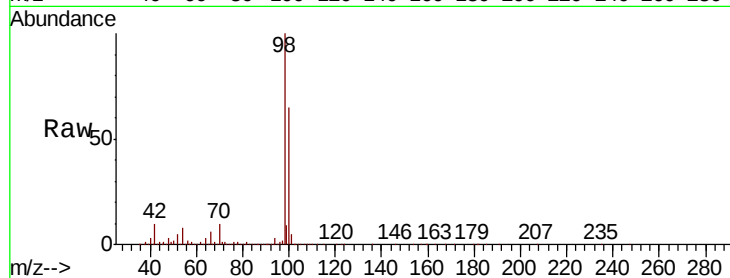




#51
4-Methyl-2-Pentanone
Concen: 0.618 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.07 min
Lab File: VX006804.D
Acq: 24 Dec 2018 19:17

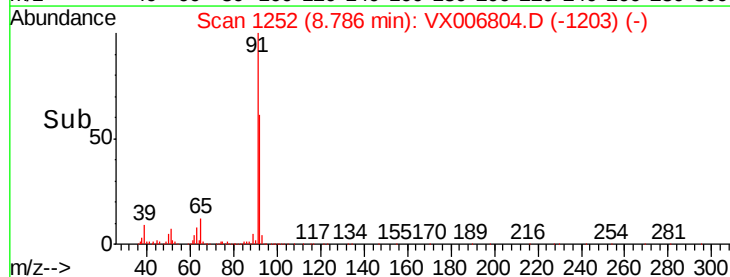
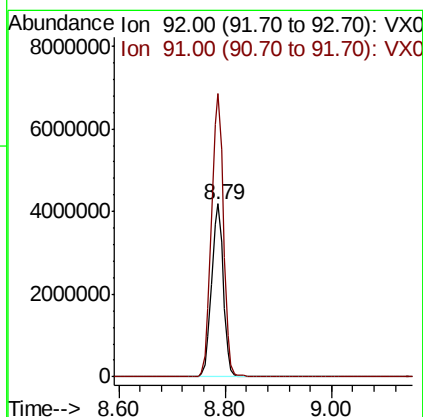
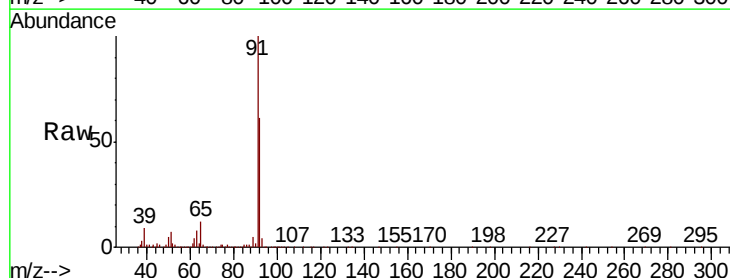
Instrument :
MSVOA_X
ClientSampleId :
P001-SS013C-3642-01MEDL

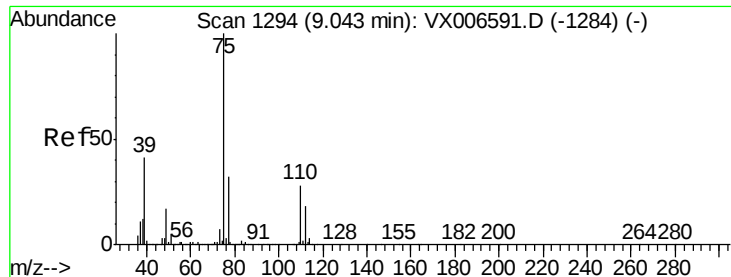
Tot Ion: 43 Resp: 5427
Ion Ratio Lower Upper
43 100
58 183.0 31.8 47.6#



#52
Toluene
Concen: 370.446 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX006804.D
Acq: 24 Dec 2018 19:17

Tgt Ion: 92 Resp: 6343660
Ion Ratio Lower Upper
92 100
91 167.6 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 8.198 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.26 min

Lab File: VX006804.D

Acq: 24 Dec 2018 19:17

Instrument :

MSVOA_X

ClientSampleId :

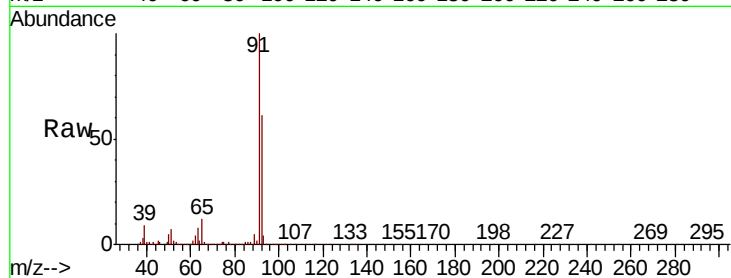
P001-SS013C-3642-01MEDL

Tot Ion: 75 Resp: 69261

Ion Ratio Lower Upper

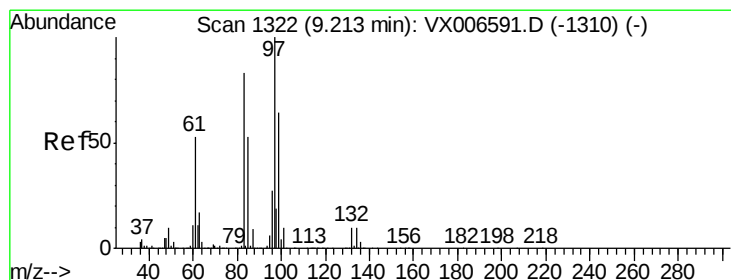
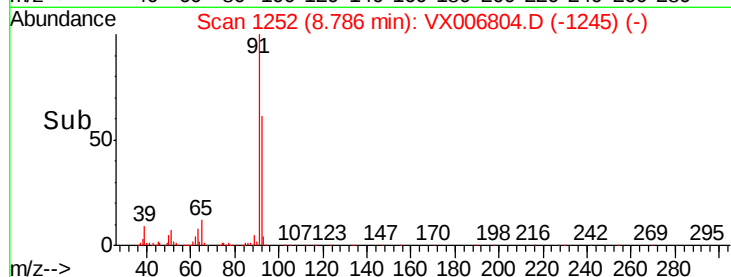
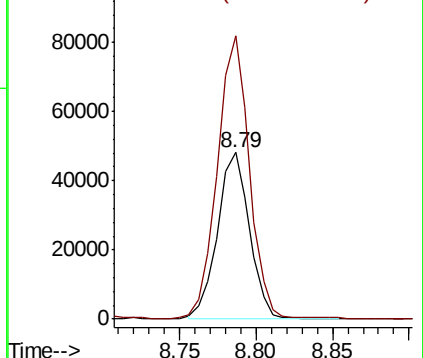
75 100

77 169.9 25.4 38.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#55

1,1,2-Trichloroethane

Concen: 0.532 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX006804.D

Acq: 24 Dec 2018 19:17

Tgt Ion: 97 Resp: 3730

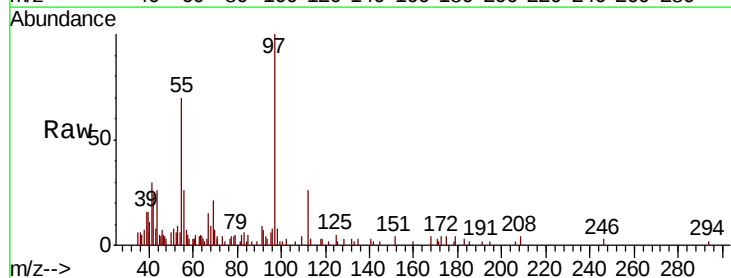
Ion Ratio Lower Upper

97 100

83 6.4 66.6 99.8#

85 0.9 42.7 64.1#

99 2.0 50.8 76.2#

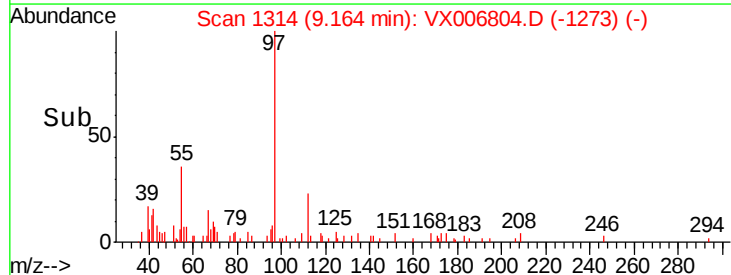
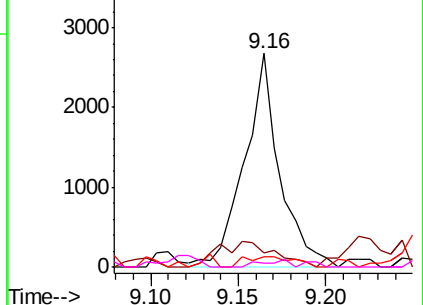


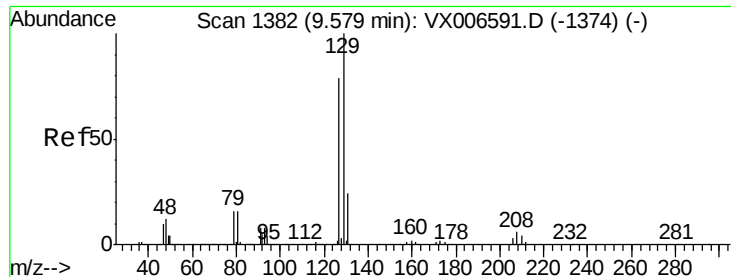
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0





#60

Dibromochloromethane

Concen: 2.330 ug/l

RT: 9.61 min Scan# 1387

Delta R.T. 0.03 min

Lab File: VX006804.D

Acq: 24 Dec 2018 19:17

Instrument :

MSVOA_X

ClientSampleId :

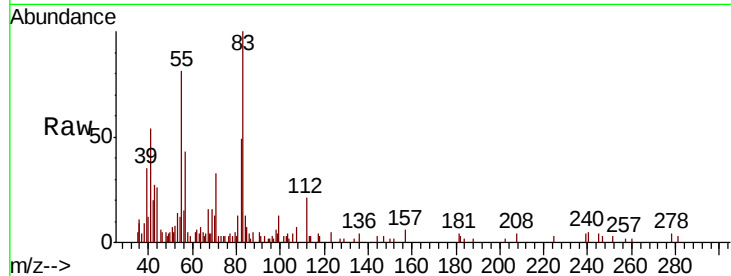
P001-SS013C-3642-01MEDL

Tot Ion:129 Resp: 45

Ion Ratio Lower Upper

129 100

127 86.7 39.3 117.8



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.61

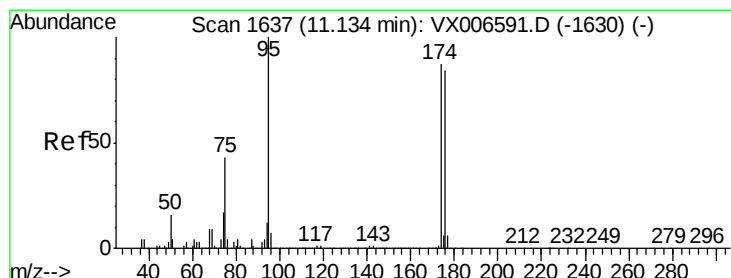
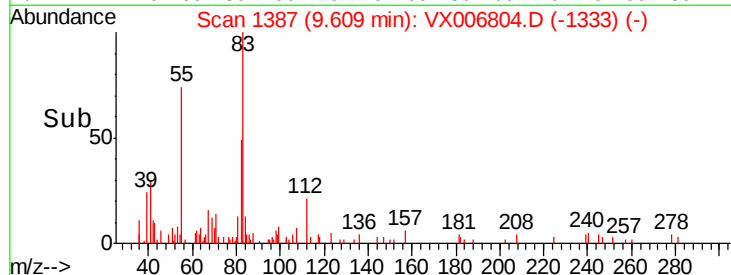
60

40

20

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.206 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006804.D

Acq: 24 Dec 2018 19:17

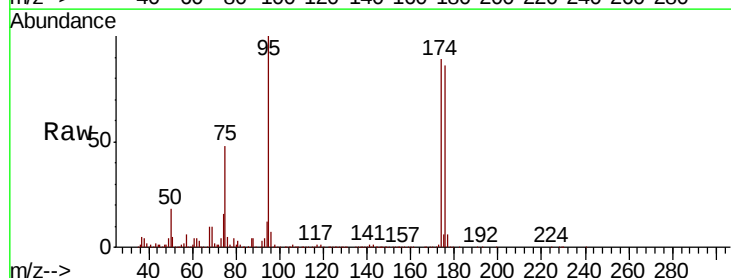
Tgt Ion: 95 Resp: 461556

Ion Ratio Lower Upper

95 100

174 92.8 0.0 182.2

176 90.4 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

400000

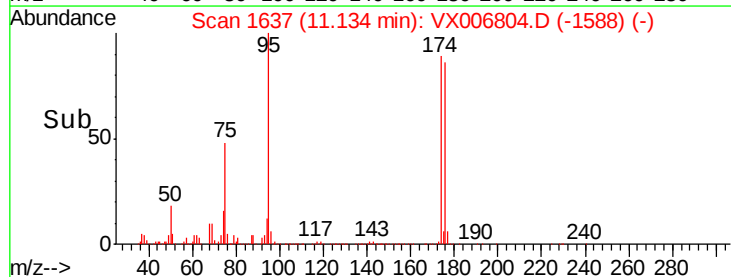
300000

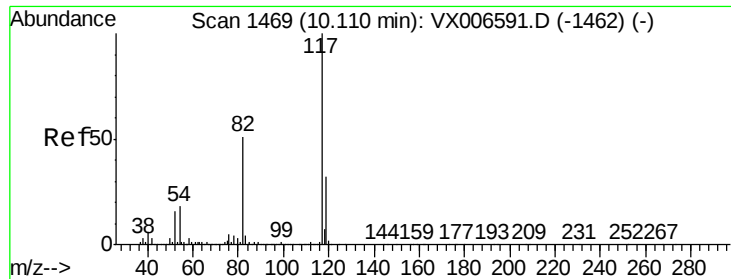
200000

100000

0

Time-->

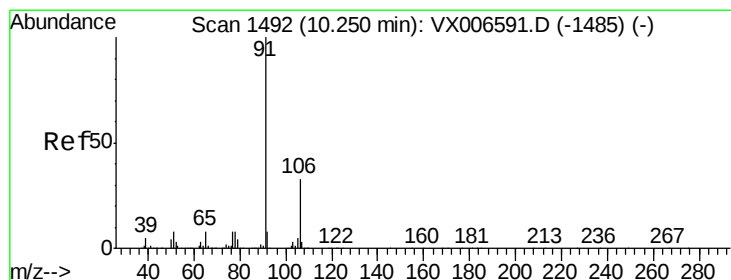
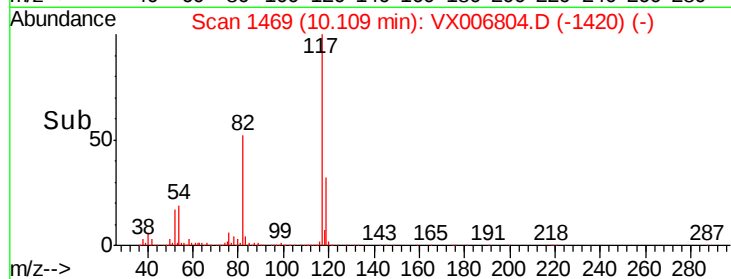
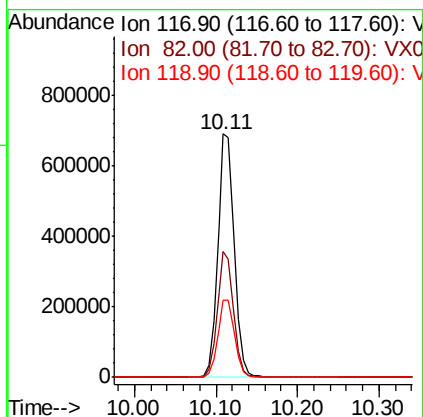
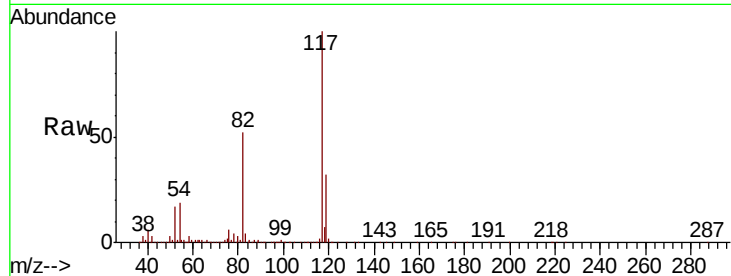




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX006804.D
Acq: 24 Dec 2018 19:17

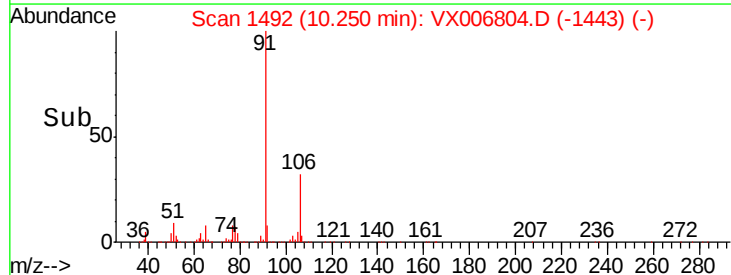
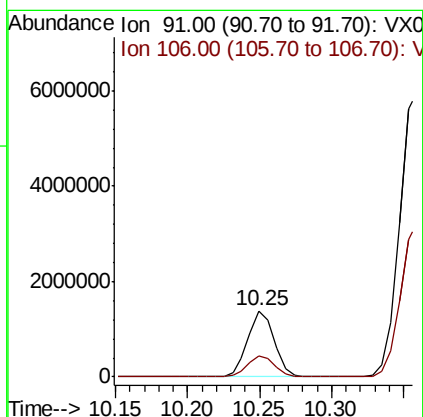
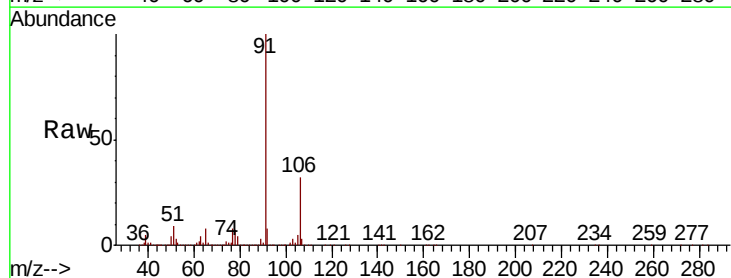
Instrument :
MSVOA_X
ClientSampleId :
P001-SS013C-3642-01MEDL

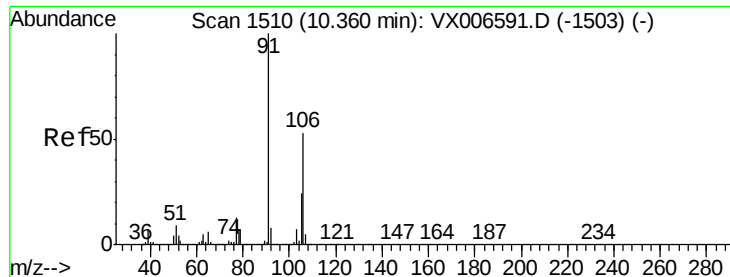
Tot Ion:117 Resp: 982318
Ion Ratio Lower Upper
117 100
82 51.6 41.0 61.6
119 31.7 25.4 38.0



#67
Ethyl Benzene
Concen: 51.888 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX006804.D
Acq: 24 Dec 2018 19:17

Tgt Ion: 91 Resp: 1762074
Ion Ratio Lower Upper
91 100
106 32.0 26.4 39.6

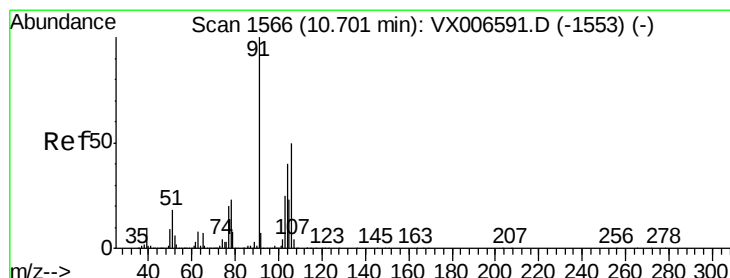
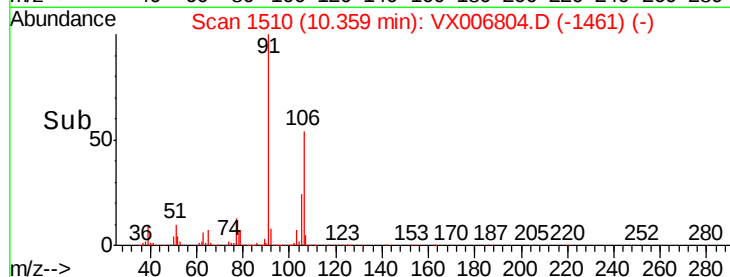
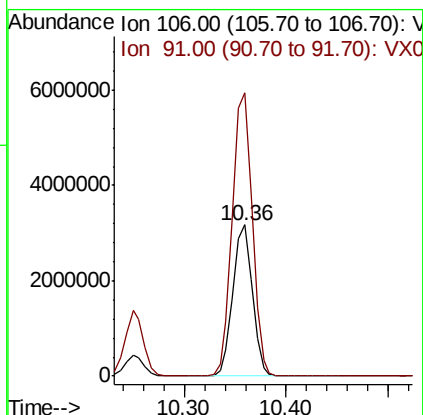
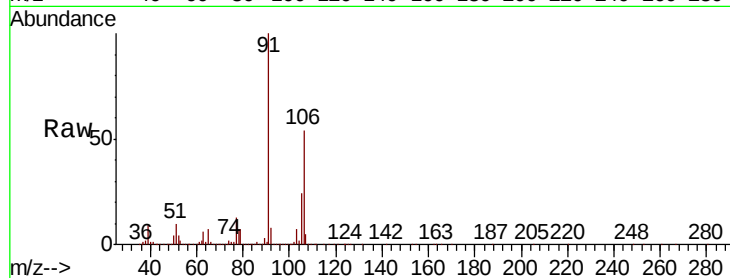




#68
m/p-Xvlenes
Concen: 310.985 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006804.D
Acq: 24 Dec 2018 19:17

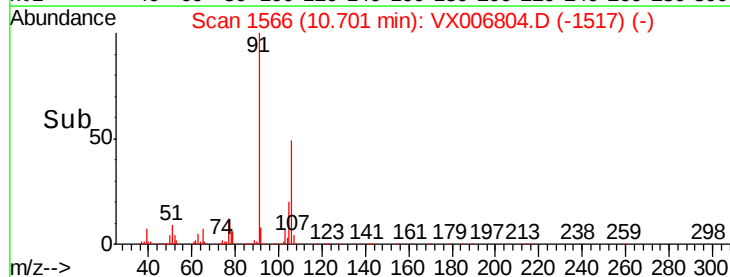
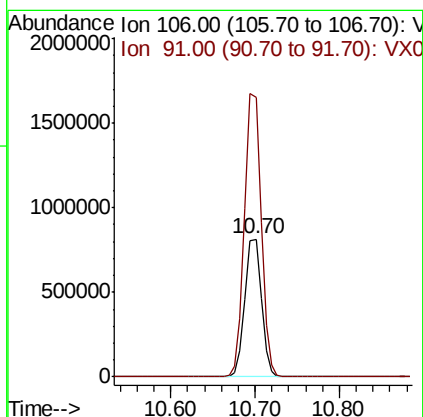
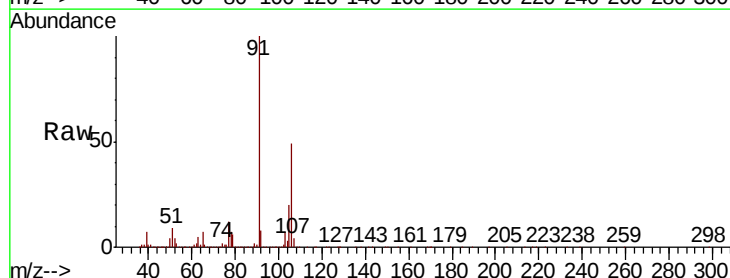
Instrument :
MSVOA_X
ClientSampleId :
P001-SS013C-3642-01MEDL

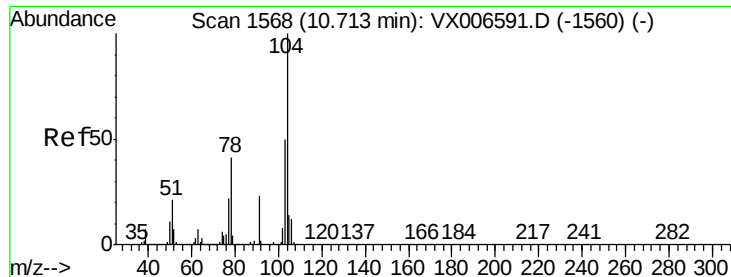
Tot Ion:106 Resp: 4167221
Ion Ratio Lower Upper
106 100
91 192.5 155.8 233.6



#69
o-Xylene
Concen: 81.255 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006804.D
Acq: 24 Dec 2018 19:17

Tgt Ion:106 Resp: 1075185
Ion Ratio Lower Upper
106 100
91 205.9 101.3 303.7

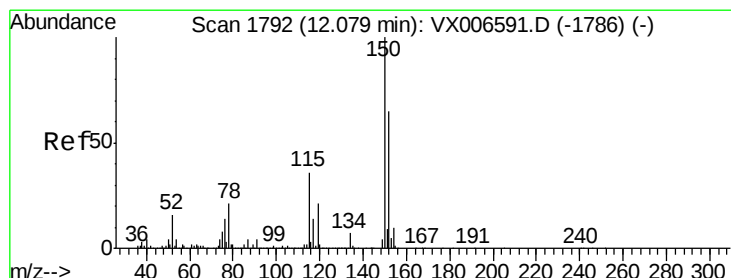
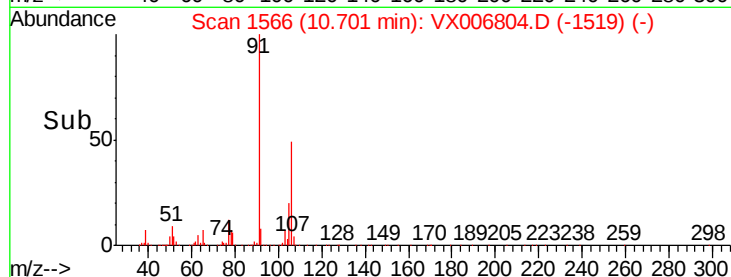
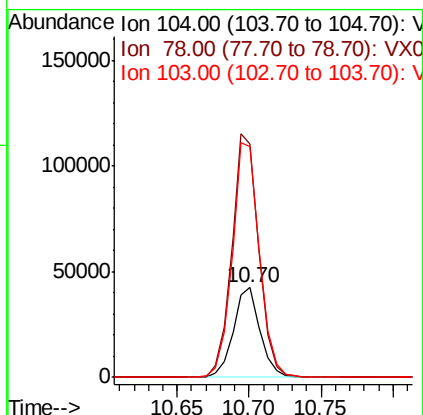
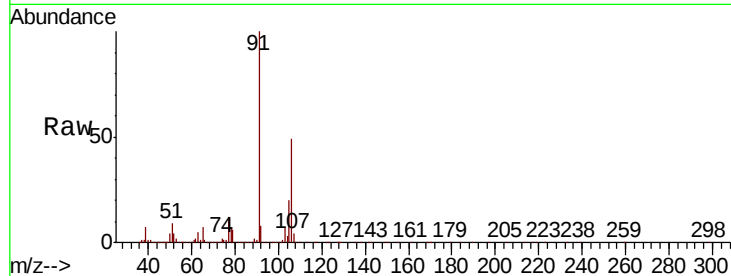




#70
Stvrene
Concen: 2.654 ug/l
RT: 10.70 min Scan# 1568
Delta R.T. -0.01 min
Lab File: VX006804.D
Acq: 24 Dec 2018 19:17

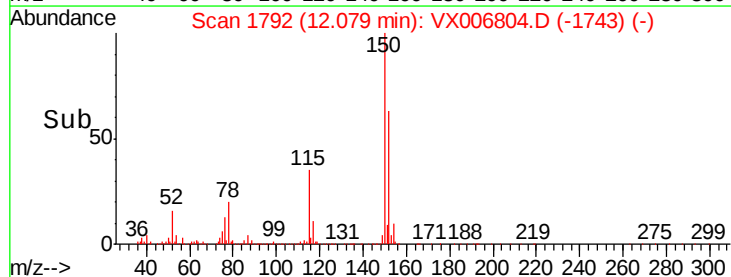
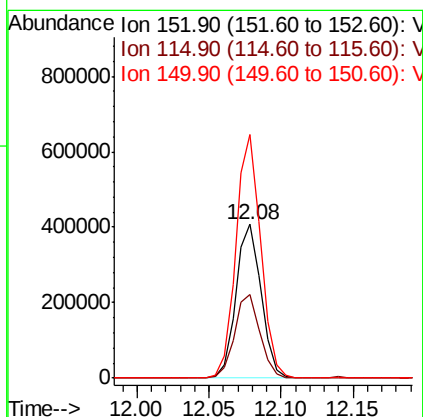
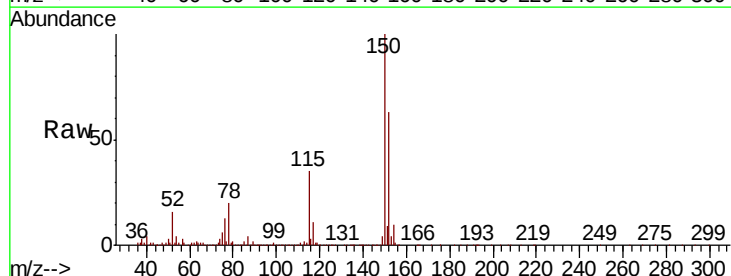
Instrument :
MSVOA_X
ClientSampleId :
P001-SS013C-3642-01MEDL

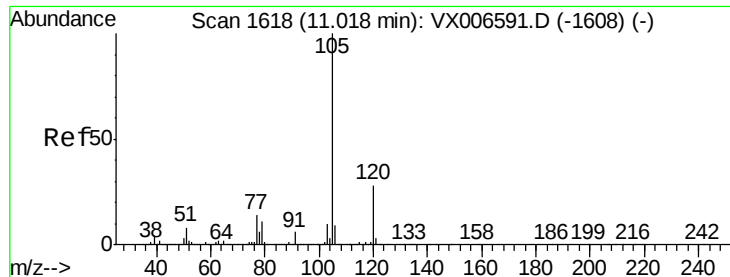
Tot Ion	Ratio	Lower	Upper
104	100		
78	270.3	37.7	56.5#
103	262.5	43.8	65.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006804.D
Acq: 24 Dec 2018 19:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.9	39.1	117.2
150	156.1	0.0	344.8

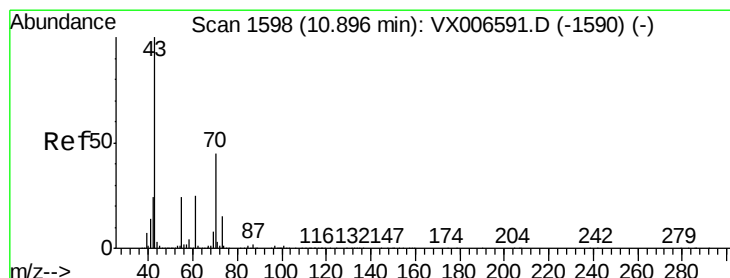
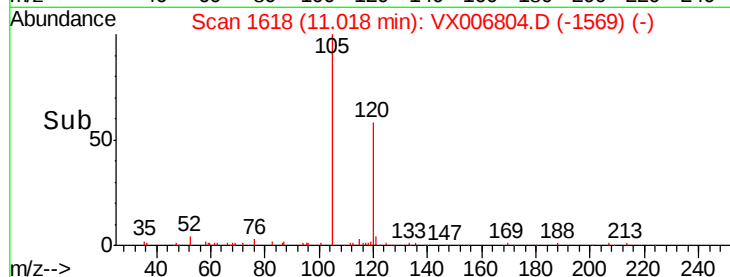
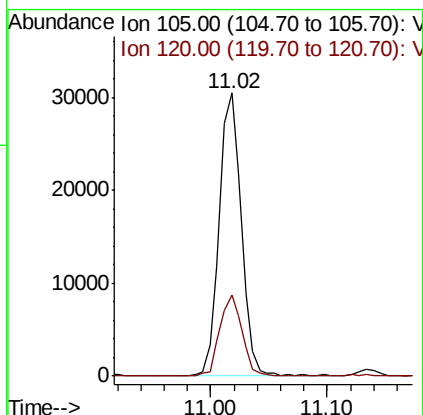
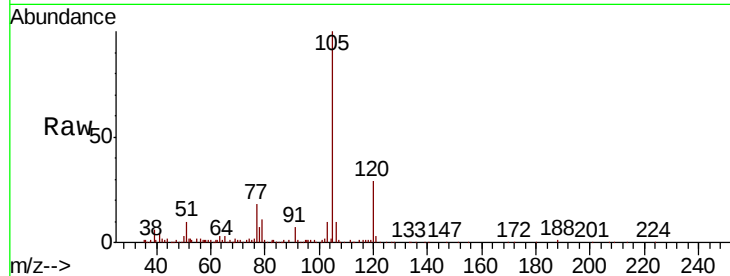




#73
Isopropylbenzene
Concen: 1.177 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX006804.D
Acq: 24 Dec 2018 19:17

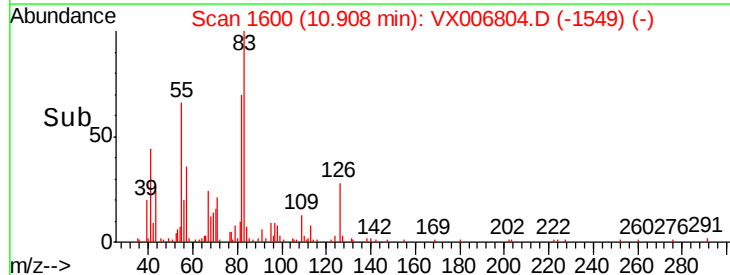
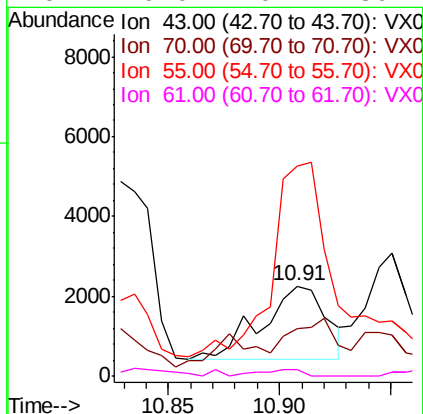
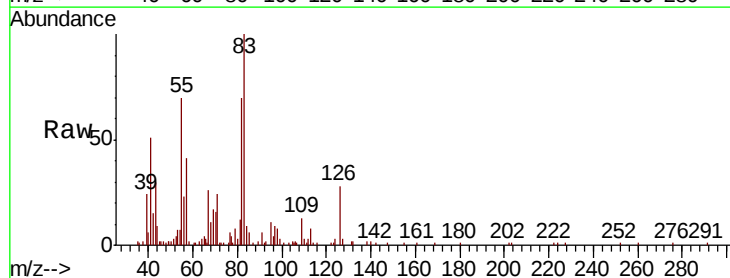
Instrument :
MSVOA_X
ClientSampleId :
P001-SS013C-3642-01MEDL

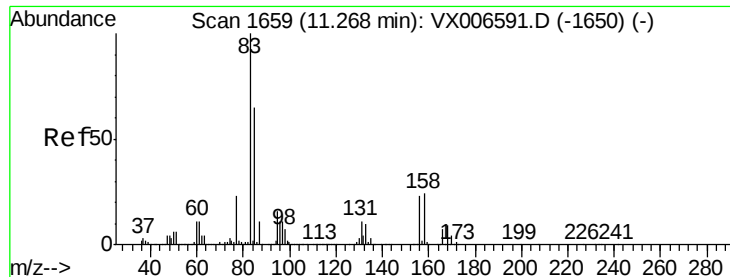
Tot Ion:105 Resp: 39994
Ion Ratio Lower Upper
105 100
120 28.8 14.1 42.4



#74
N-ethyl acetate
Concen: 0.298 ug/l
RT: 10.91 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VX006804.D
Acq: 24 Dec 2018 19:17

Tgt Ion: 43 Resp: 3626
Ion Ratio Lower Upper
43 100
70 41.6 35.8 53.8
55 279.0 19.4 29.0#
61 0.0 20.1 30.1#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.224 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX006804.D

Acq: 24 Dec 2018 19:17

Instrument :

MSVOA_X

ClientSampleId :

P001-SS013C-3642-01MEDL

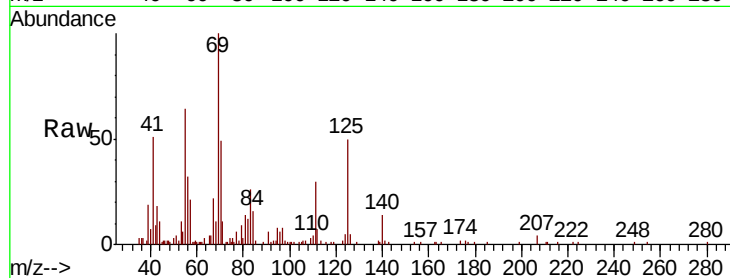
Tot Ion: 83 Resp: 2265

Ion Ratio Lower Upper

83 100

131 0.0 5.7 17.1#

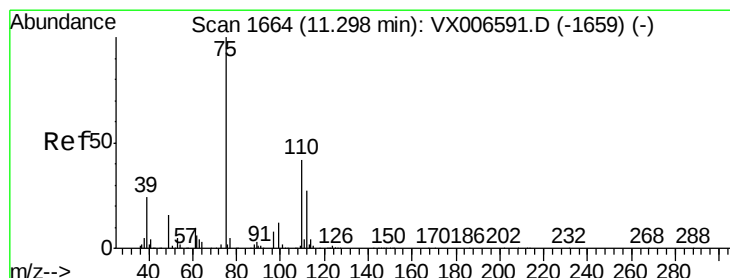
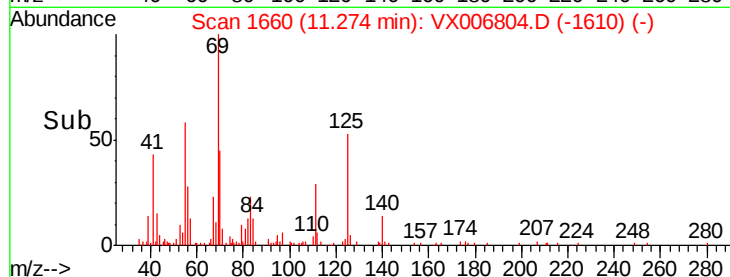
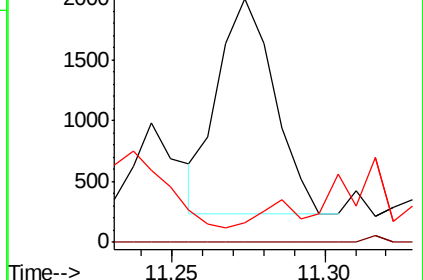
85 0.0 32.2 96.6#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 1.028 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.06 min

Lab File: VX006804.D

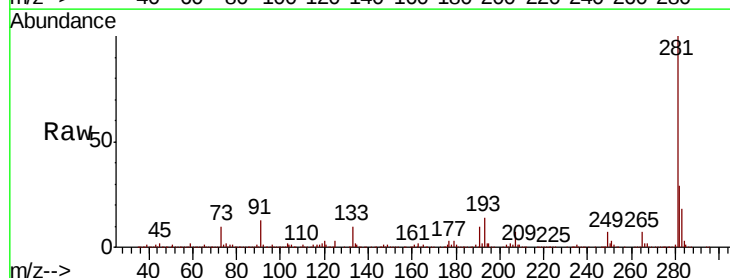
Acq: 24 Dec 2018 19:17

Tgt Ion: 75 Resp: 9486

Ion Ratio Lower Upper

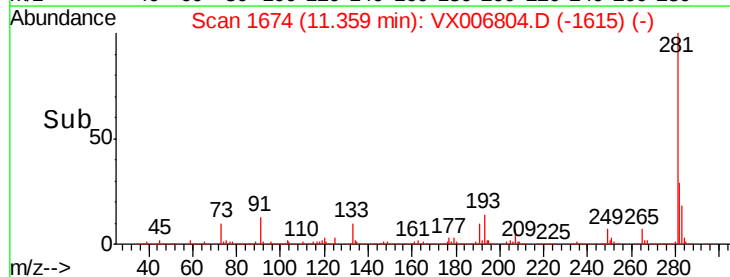
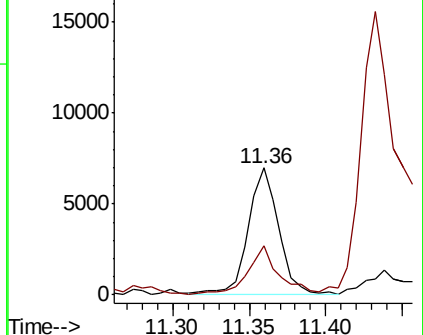
75 100

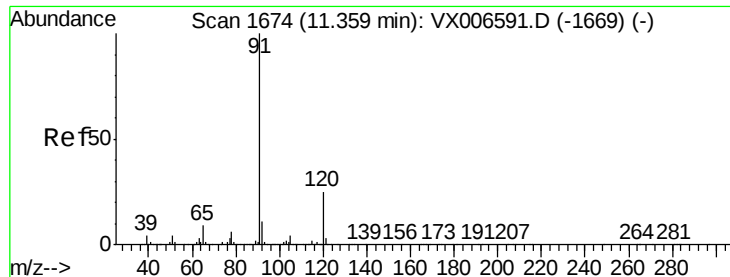
77 37.9 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 1.831 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006804.D

Acq: 24 Dec 2018 19:17

Instrument :

MSVOA_X

ClientSampleId :

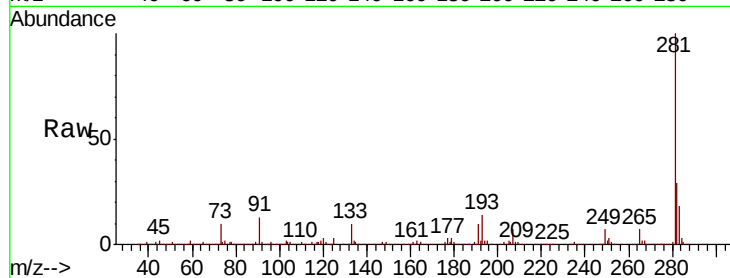
P001-SS013C-3642-01MEDL

Tot Ion: 91 Resp: 68520

Ion Ratio Lower Upper

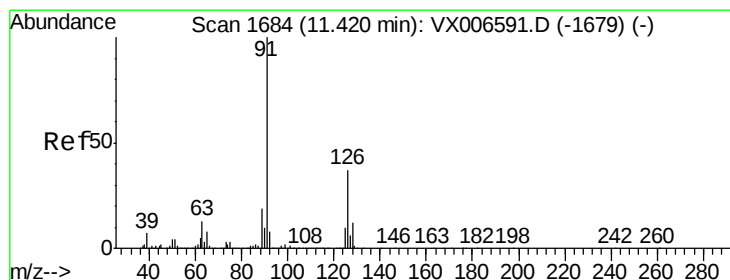
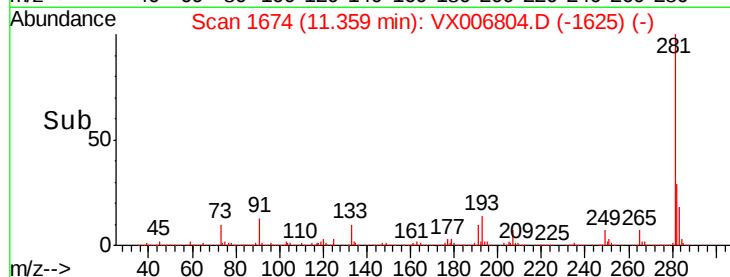
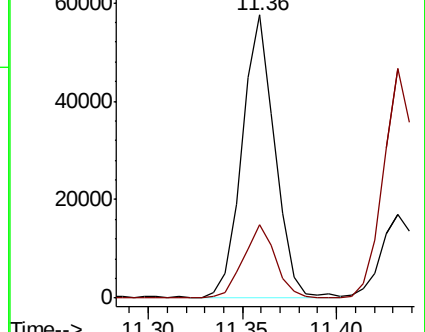
91 100

120 26.2 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 1.266 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX006804.D

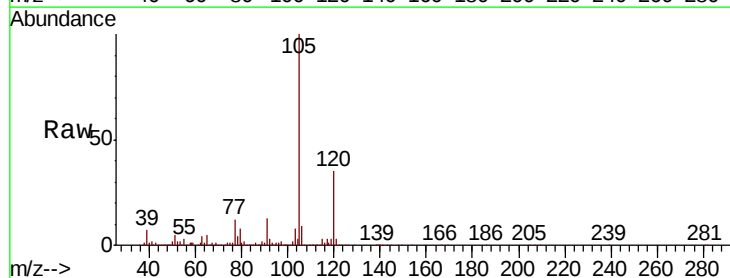
Acq: 24 Dec 2018 19:17

Tgt Ion: 91 Resp: 28711

Ion Ratio Lower Upper

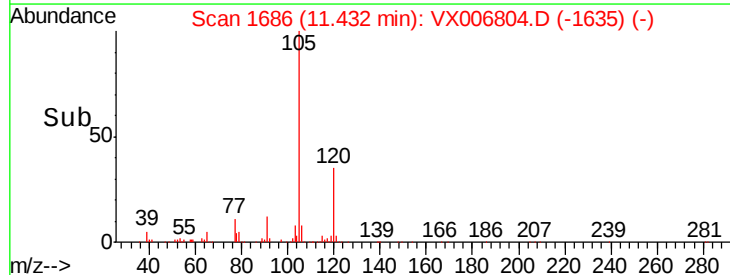
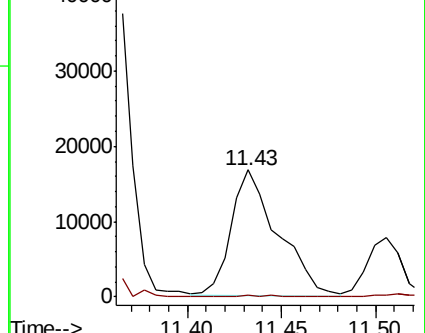
91 100

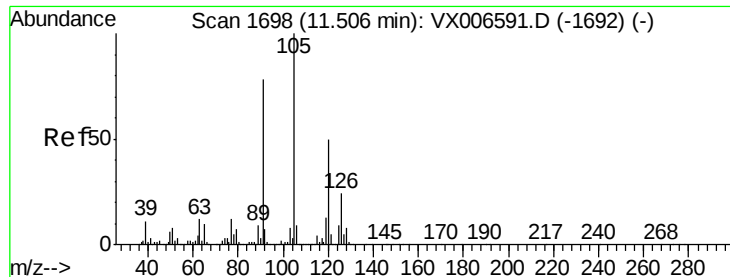
126 1.1 18.6 56.0#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 3.147 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006804.D

Acq: 24 Dec 2018 19:17

Instrument :

MSVOA_X

ClientSampleId :

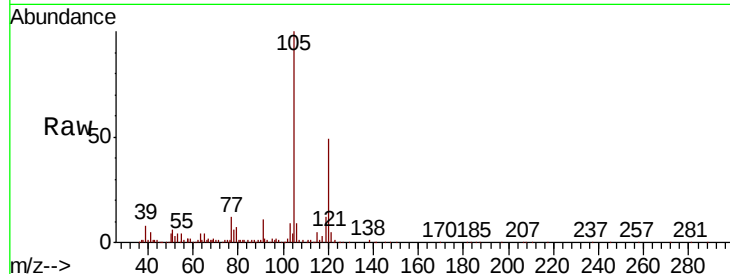
P001-SS013C-3642-01MEDL

Tot Ion:105 Resp: 88056

Ion Ratio Lower Upper

105 100

120 52.3 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

120000

100000

80000

60000

40000

20000

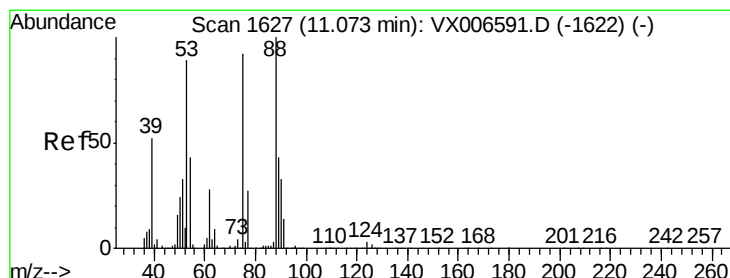
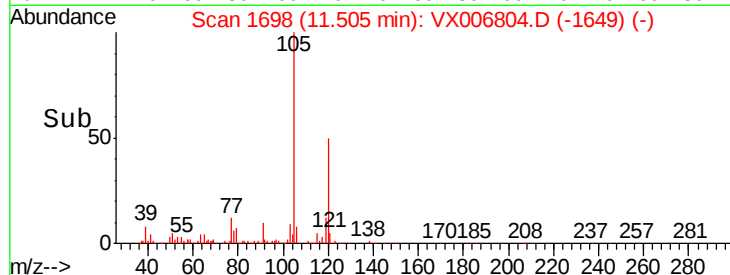
0

11.45

11.50

11.55

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 69.116 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006804.D

Acq: 24 Dec 2018 19:17

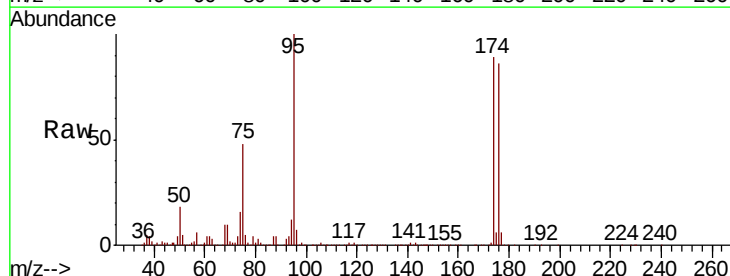
Tgt Ion: 75 Resp: 214963

Ion Ratio Lower Upper

75 100

53 0.5 79.7 119.5#

89 0.2 38.0 57.0#



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

200000

150000

100000

50000

0

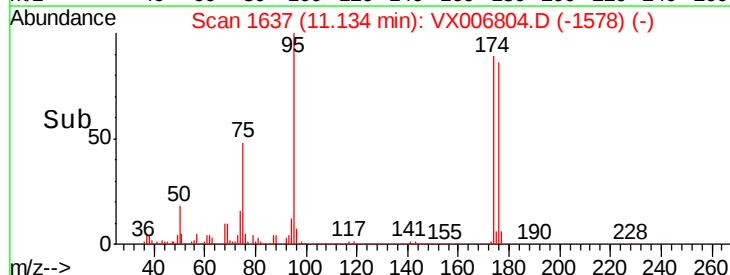
11.05

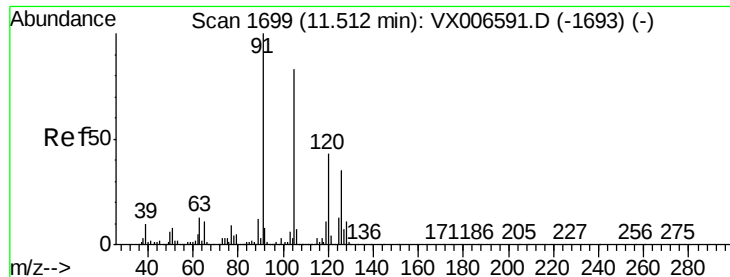
11.10

11.15

11.20

Time-->





#82

4-Chlorotoluene

Concen: 0.390 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX006804.D

Acq: 24 Dec 2018 19:17

Instrument :

MSVOA_X

ClientSampleId :

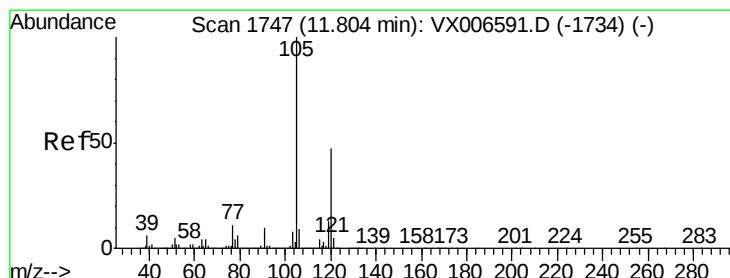
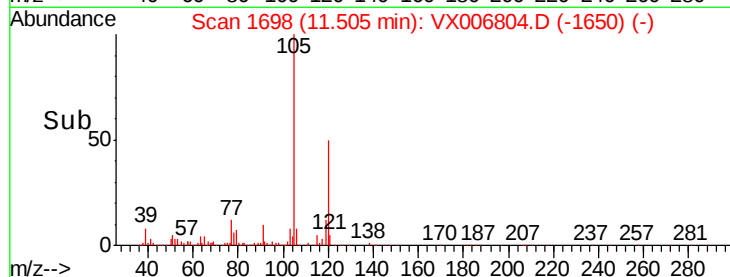
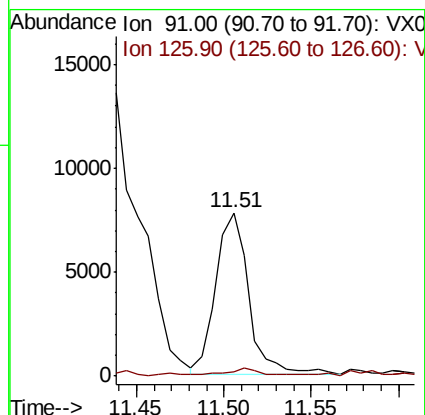
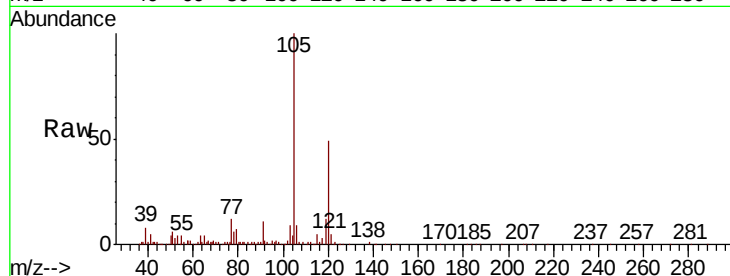
P001-SS013C-3642-01MEDL

Tot Ion: 91 Resp: 10141

Ion Ratio Lower Upper

91 100

126 3.4 16.3 48.9#



#84

1,2,4-Trimethylbenzene

Concen: 8.694 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX006804.D

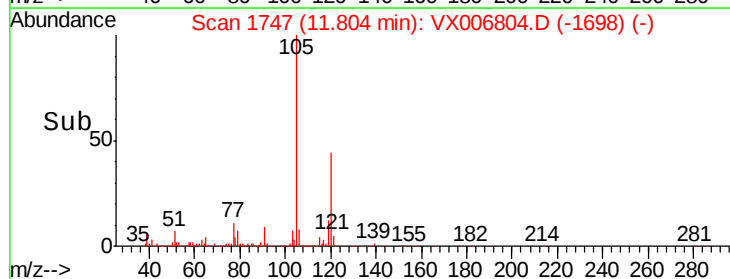
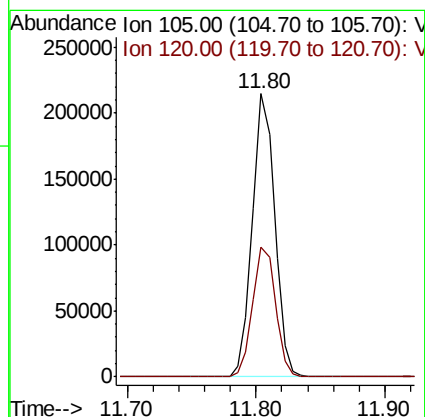
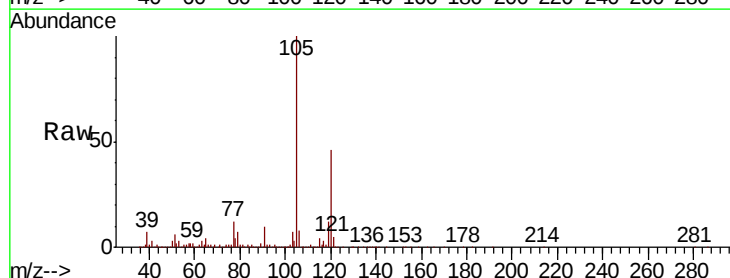
Acq: 24 Dec 2018 19:17

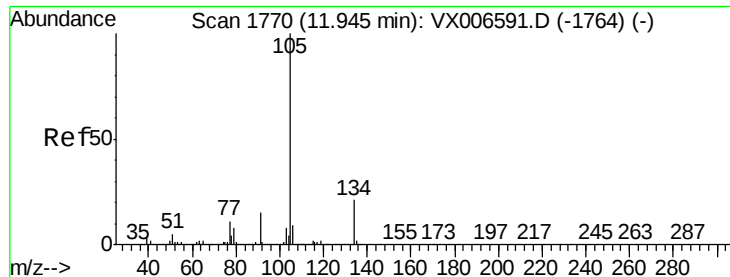
Tgt Ion: 105 Resp: 255900

Ion Ratio Lower Upper

105 100

120 47.4 23.2 69.6

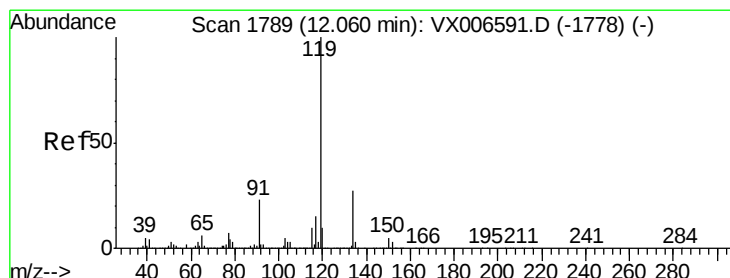
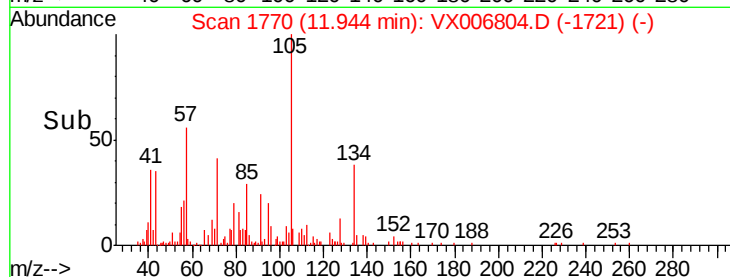
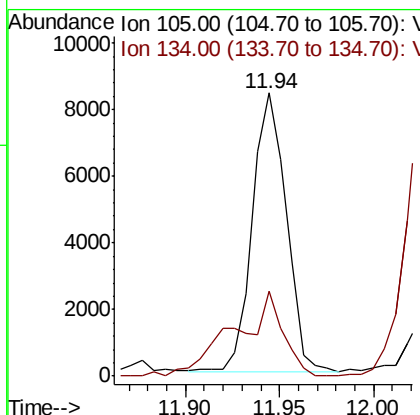
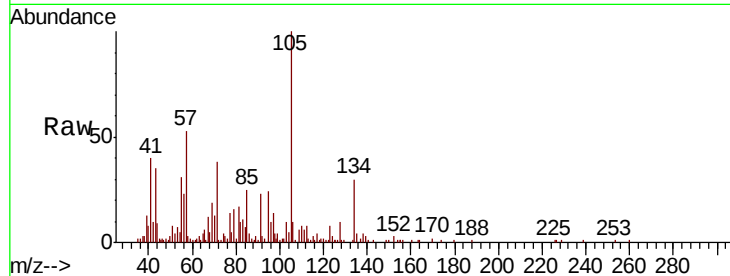




#85
 sec-Butylbenzene
 Concen: 0.304 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX006804.D
 Acq: 24 Dec 2018 19:17

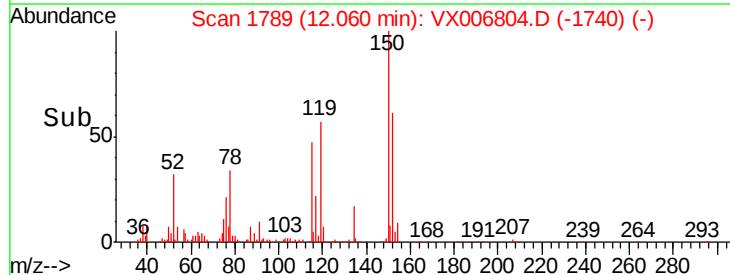
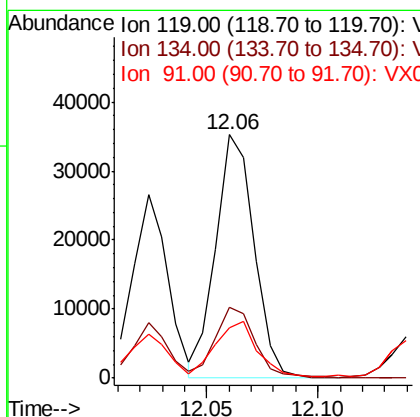
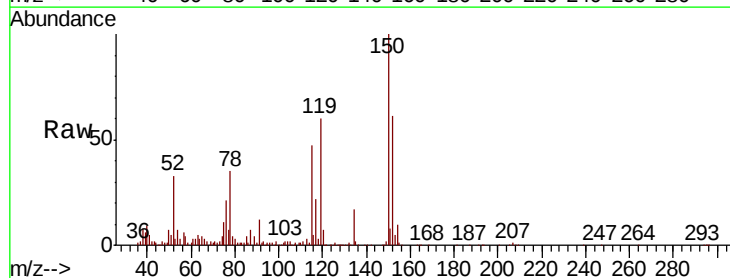
Instrument :
 MSVOA_X
 ClientSampleId :
 P001-SS013C-3642-01MEDL

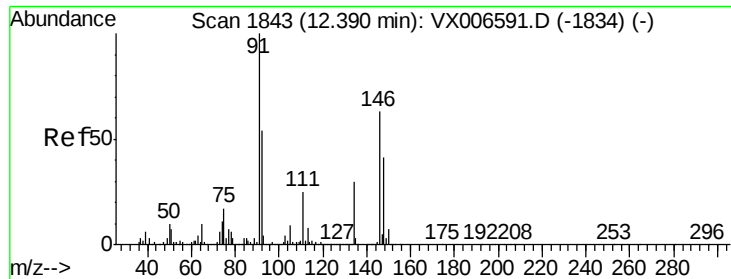
Tot Ion:105 Resp: 10428
 Ion Ratio Lower Upper
 105 100
 134 43.8 10.7 31.9#



#86
 p-Isopropyltoluene
 Concen: 1.404 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX006804.D
 Acq: 24 Dec 2018 19:17

Tgt Ion:119 Resp: 42375
 Ion Ratio Lower Upper
 119 100
 134 29.9 14.0 41.9
 91 23.8 11.3 33.9

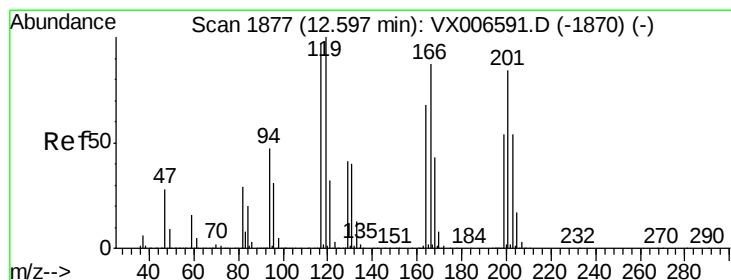
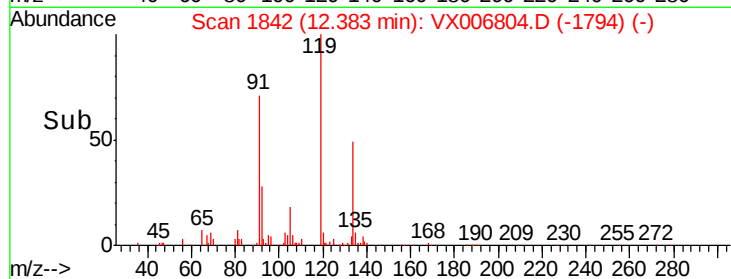
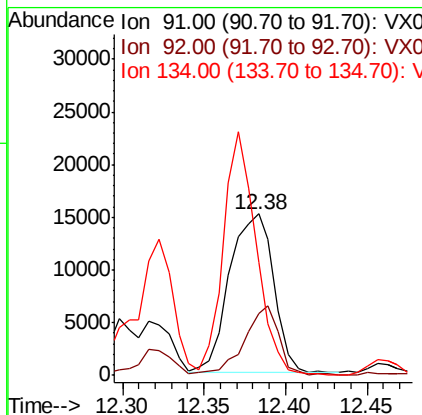
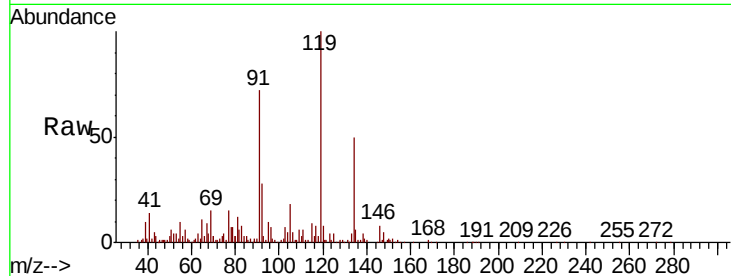




#89
n-Butylbenzene
Concen: 1.108 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX006804.D
Acq: 24 Dec 2018 19:17

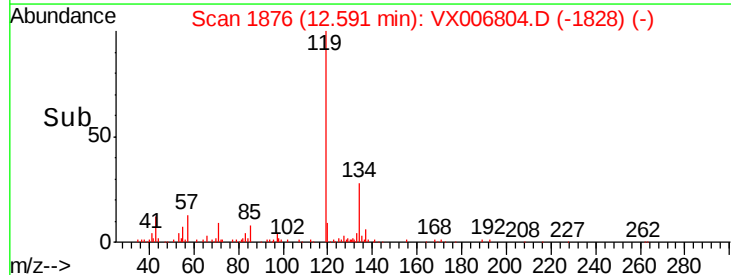
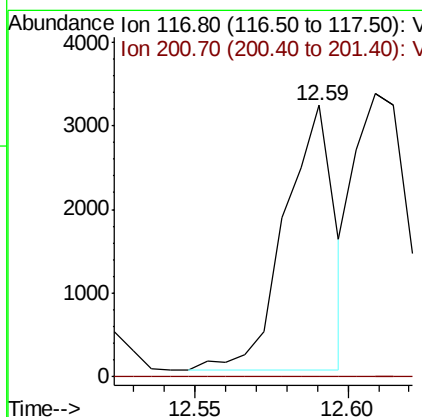
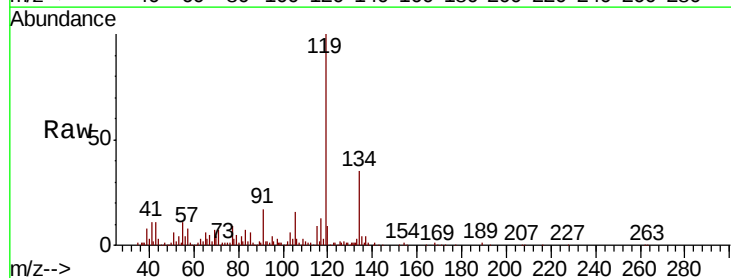
Instrument :
MSVOA_X
ClientSampleId :
P001-SS013C-3642-01MEDL

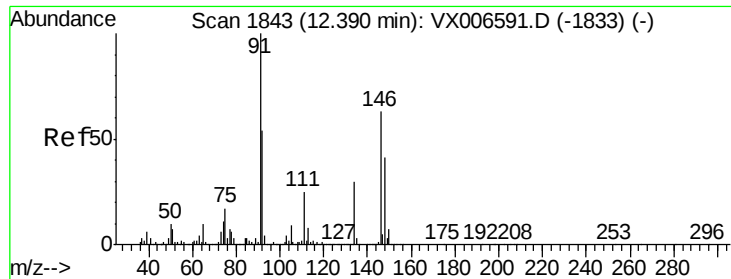
Tot Ion: 91 Resp: 28474
Ion Ratio Lower Upper
91 100
92 34.7 26.8 80.4
134 114.2 14.4 43.2#



#90
Hexachloroethane
Concen: 3.999 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX006804.D
Acq: 24 Dec 2018 19:17

Tgt Ion: 117 Resp: 3570
Ion Ratio Lower Upper
117 100
201 0.0 42.9 128.7#





#91

1,2-Dichlorobenzene

Concen: 0.224 ug/l

RT: 12.40 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VX006804.D

Acq: 24 Dec 2018 19:17

Instrument :

MSVOA_X

ClientSampleId :

P001-SS013C-3642-01MEDL

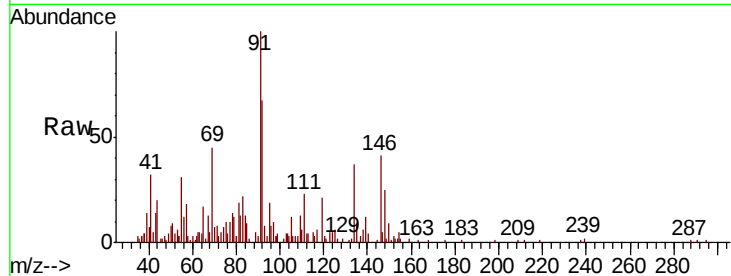
Tot Ion:146 Resp: 3702

Ion Ratio Lower Upper

146 100

111 66.6 19.4 58.2#

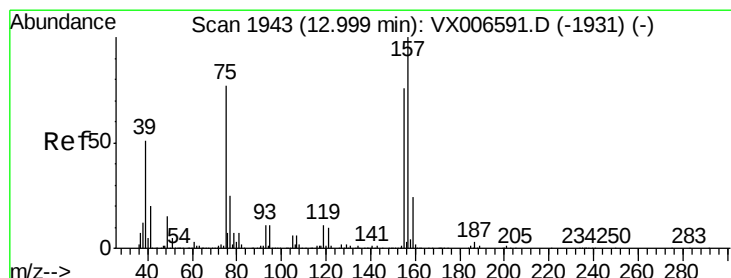
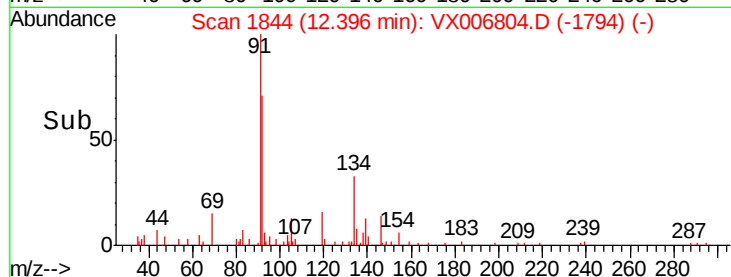
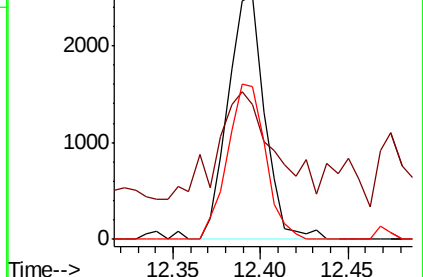
148 65.6 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.392 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX006804.D

Acq: 24 Dec 2018 19:17

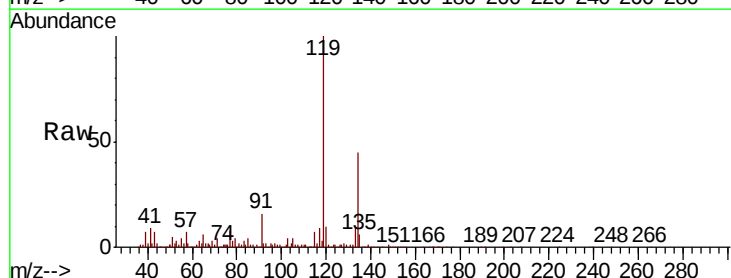
Tgt Ion: 75 Resp: 819

Ion Ratio Lower Upper

75 100

155 87.8 50.6 151.8

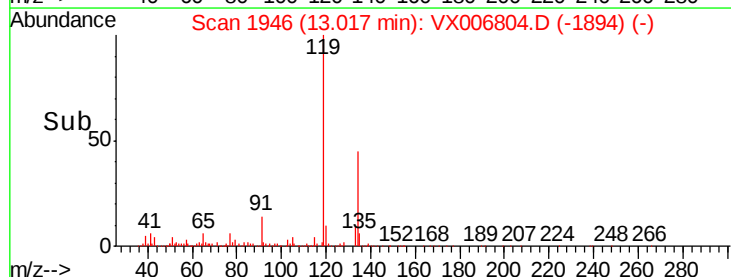
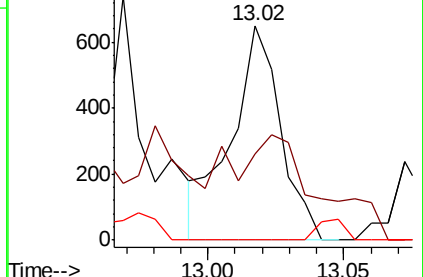
157 0.0 64.6 193.8#

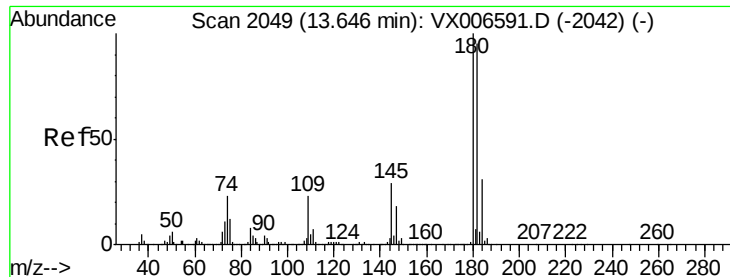


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

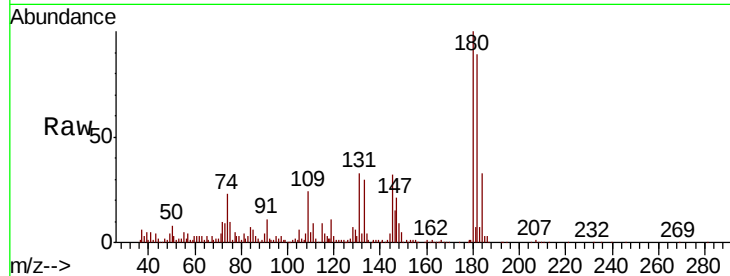




#93
 1,2,4-Trichlorobenzene
 Concen: 3.936 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006804.D
 Acq: 24 Dec 2018 19:17

Instrument :
 MSVOA_X
 ClientSampleId :
 P001-SS013C-3642-01MEDL

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.6	47.3	142.0
145	39.6	14.8	44.3

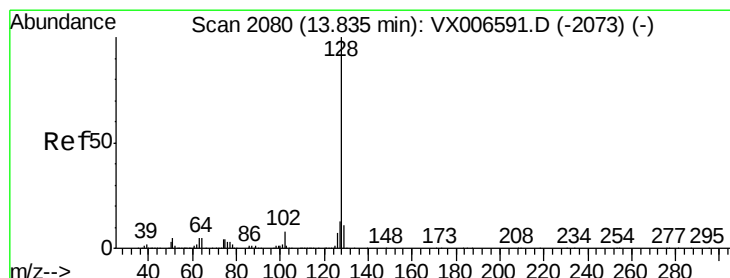
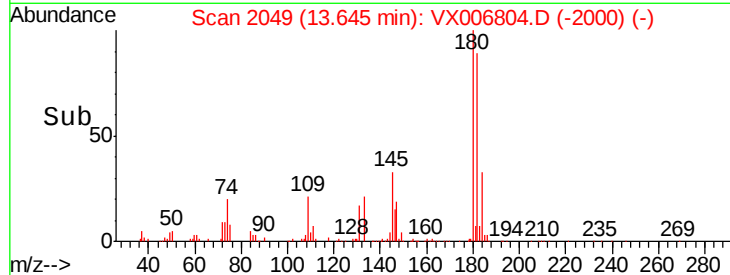
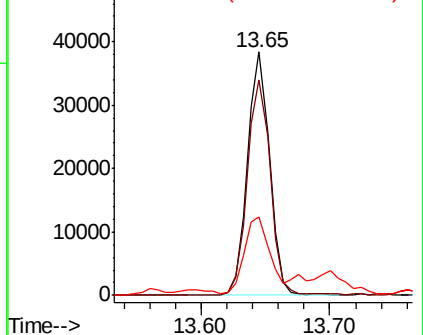


Abundance

Ion 179.80 (179.50 to 180.50): V

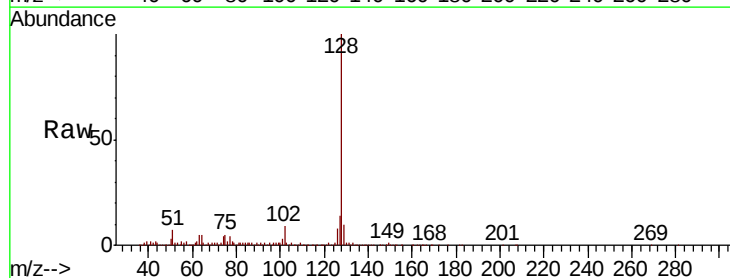
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#95
 Naphthalene
 Concen: 3.791 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX006804.D
 Acq: 24 Dec 2018 19:17

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.1	15.1
129	12.1	8.6	13.0

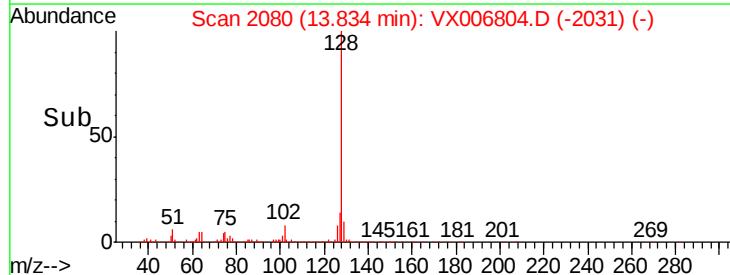
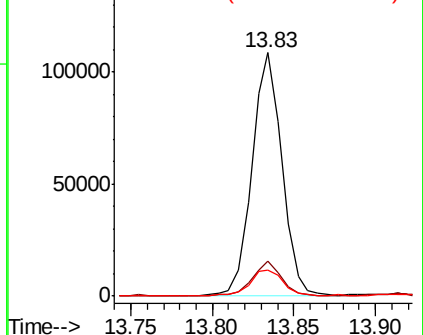


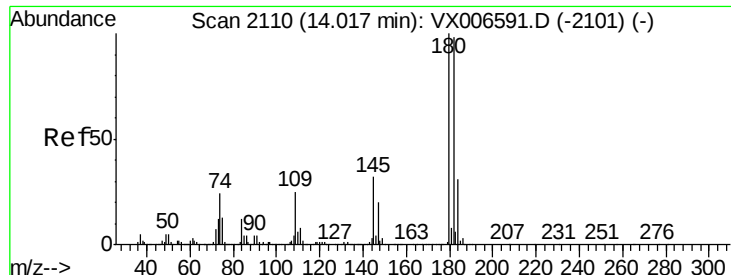
Abundance

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: 0.836 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX006804.D
 Acq: 24 Dec 2018 19:17

Instrument :
 MSVOA_X
 ClientSampleId :
 P001-SS013C-3642-01MEDL

Tot Ion:180 Resp: 9863
 Ion Ratio Lower Upper
 180 100
 182 94.6 48.5 145.5
 145 67.8 16.0 47.9#

