

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091818\
 Data File : VX004665.D
 Acq On : 18 Sep 2018 18:29
 Operator : JC/MD
 Sample : J4906-17ME
 Misc : 5.93g/5mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-PIT-9ME

Quant Time: Sep 19 02:39:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	216453	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	323680	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	316840	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	193094	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	127070	45.53	ug/l	0.00
Spiked Amount			Recovery	=	91.06%	
35) Dibromofluoromethane	5.51	113	123924	41.84	ug/l	0.00
Spiked Amount			Recovery	=	83.68%	
50) Toluene-d8	8.71	98	460976	46.41	ug/l	0.00
Spiked Amount			Recovery	=	92.82%	
62) 4-Bromofluorobenzene	11.14	95	191081	53.89	ug/l	0.00
Spiked Amount			Recovery	=	107.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	808	0.289	ug/l	91
5) Bromomethane	1.64	94	397	Below Cal	#	76
10) Methyl Iodide	2.48	142	308	4.354	ug/l #	67
11) Tert butyl alcohol	3.03	59	5416	8.133	ug/l #	72
16) Acetone	2.48	43	4601	3.378	ug/l #	86
17) Carbon Disulfide	2.53	76	1375	0.210	ug/l #	85
18) Methyl Acetate	2.79	43	20595	5.389	ug/l	94
20) Methylene Chloride	2.84	84	3680	1.317	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	1382	0.553	ug/l	84
25) 2-Butanone	4.74	43	5100	2.352	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	790	0.283	ug/l	74
29) Tetrahydrofuran	5.20	42	415	0.317	ug/l #	39
31) Cyclohexane	5.57	56	1130	0.280	ug/l #	67
36) 1,1-Dichloropropene	5.66	75	13723	3.492	ug/l #	49
37) Ethyl Acetate	4.74	43	5100	1.141	ug/l #	80
38) Carbon Tetrachloride	5.65	117	18127	4.723	ug/l #	15
39) Methylcyclohexane	7.45	83	8679	2.116	ug/l	91
40) Benzene	6.13	78	2942	0.252	ug/l	99
48) Methyl methacrylate	7.73	41	1746	0.594	ug/l #	71
51) 4-Methyl-2-Pentanone	8.66	43	6426	1.534	ug/l #	34
52) Toluene	8.79	92	2609	0.380	ug/l	85
55) 1,1,2-Trichloroethane	9.16	97	37045	12.524	ug/l #	20
56) Ethyl methacrylate	9.16	69	8037	1.921	ug/l #	7
58) 2-Chloroethyl Vinyl ether	8.33	63	108	7.321	ug/l #	45
59) 2-Hexanone	9.44	43	142812	44.445	ug/l #	26
67) Ethyl Benzene	10.26	91	31000	2.422	ug/l	99
68) m/p-Xylenes	10.36	106	46833	9.501	ug/l	95
69) o-Xylene	10.70	106	6194	1.307	ug/l	79
73) Isopropylbenzene	11.02	105	74717	5.875	ug/l	99
74) N-amyl acetate	10.91	43	95020	17.752	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	66600	16.236	ug/l #	25
76) 1,2,3-Trichloropropane	11.14	75	83719	21.550	ug/l #	40
78) n-propylbenzene	11.37	91	214983	14.703	ug/l	99
79) 2-Chlorotoluene	11.46	91	11376	1.283	ug/l #	58

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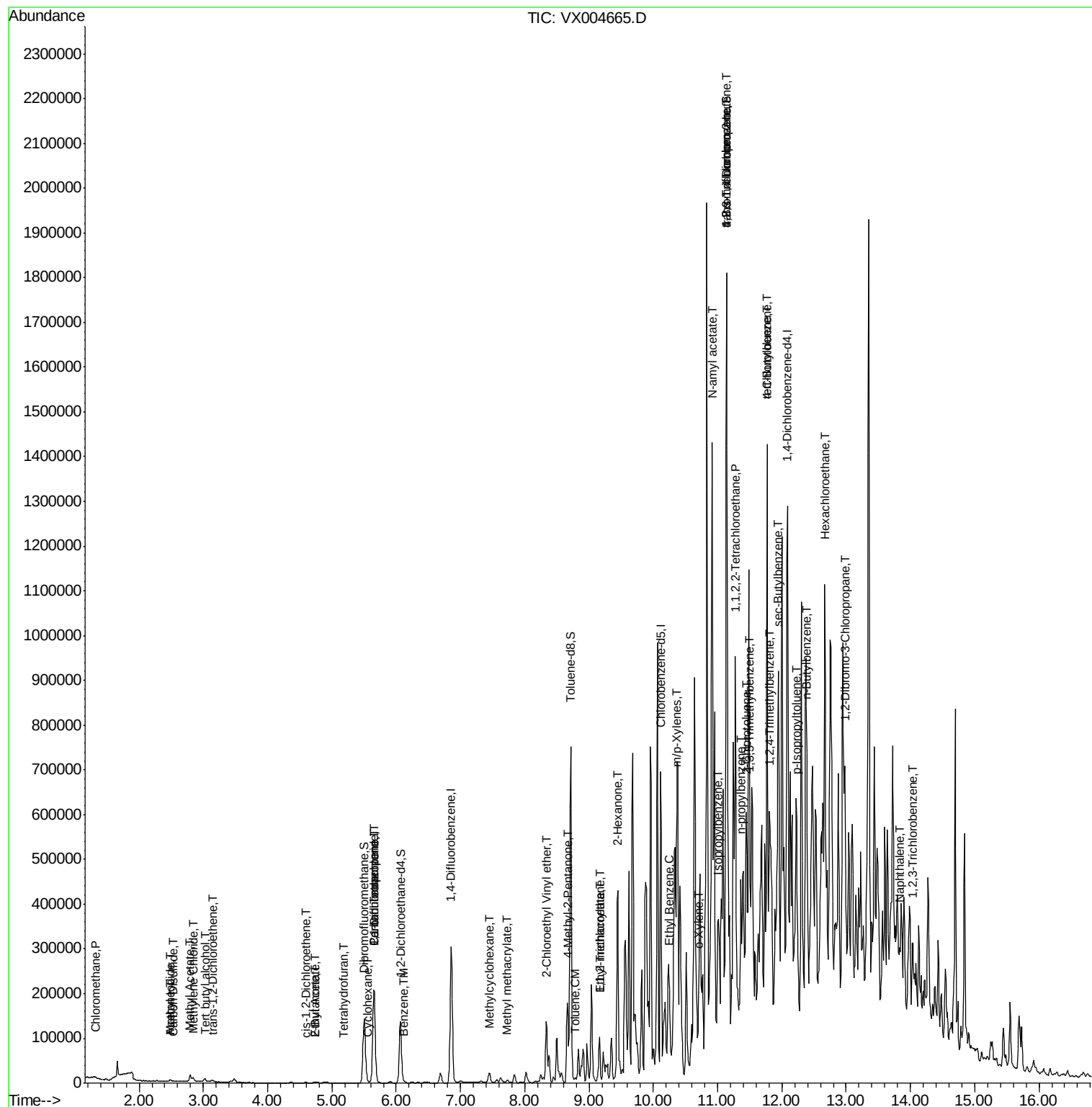
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	11.51	105	21817	2.041	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.14	75	83719	68.690	ug/l #	18
82) 4-Chlorotoluene	11.77	91	8479	0.819	ug/l	76
83) tert-Butylbenzene	11.77	119	15408	1.514	ug/l	94
84) 1,2,4-Trimethylbenzene	11.81	105	86038	7.883	ug/l	99
85) sec-Butylbenzene	11.95	105	92939	7.166	ug/l	100
86) p-Isopropyltoluene	12.24	119	35211	3.074	ug/l	92
89) n-Butylbenzene	12.39	91	144945	13.888	ug/l #	78
90) Hexachloroethane	12.67	117	35399	19.306	ug/l #	3
92) 1,2-Dibromo-3-Chloropropan	12.98	75	1436	1.640	ug/l #	13
95) Naphthalene	13.83	128	82235	6.238	ug/l #	85
96) 1,2,3-Trichlorobenzene	14.04	180	1494	0.309	ug/l #	1

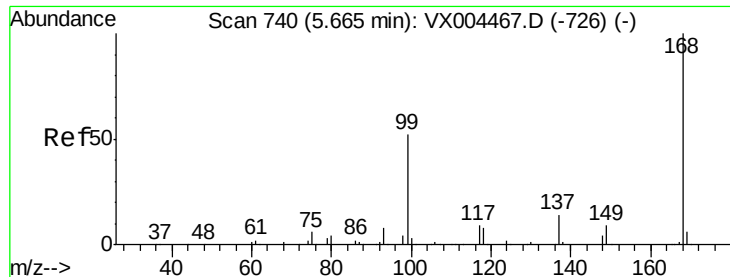
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX004665.D

Acq: 18 Sep 2018 18:29

Instrument :

MSVOA_X

ClientSampleId :

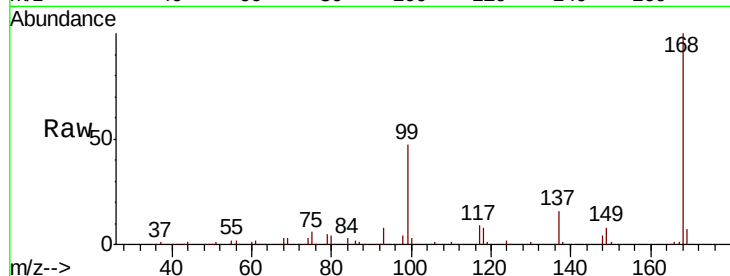
SP-PIT-9ME

Tgt Ion:168 Resp: 216453

Ion Ratio Lower Upper

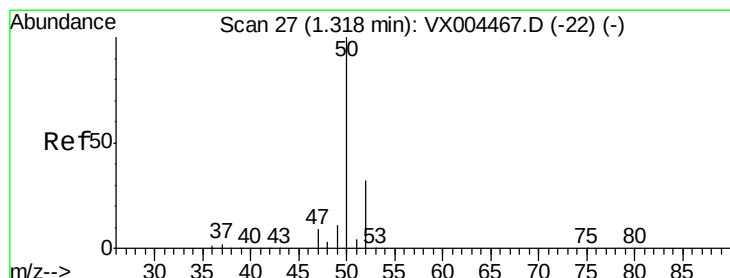
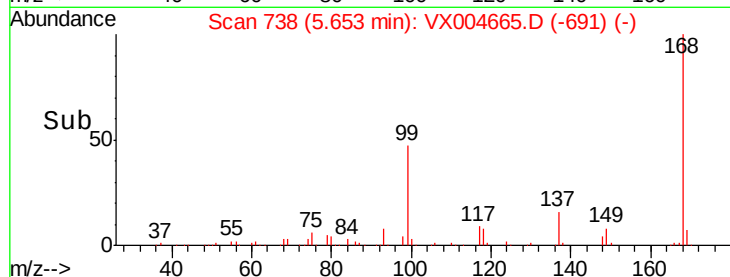
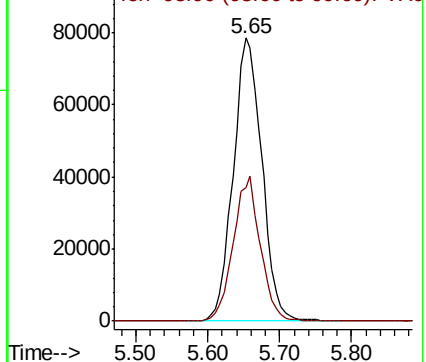
168 100

99 47.2 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.289 ug/l

RT: 1.32 min Scan# 27

Delta R.T. -0.00 min

Lab File: VX004665.D

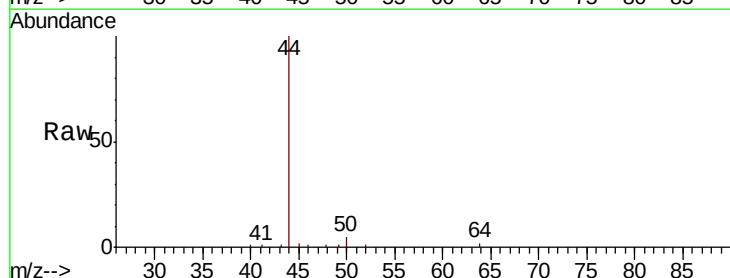
Acq: 18 Sep 2018 18:29

Tgt Ion: 50 Resp: 808

Ion Ratio Lower Upper

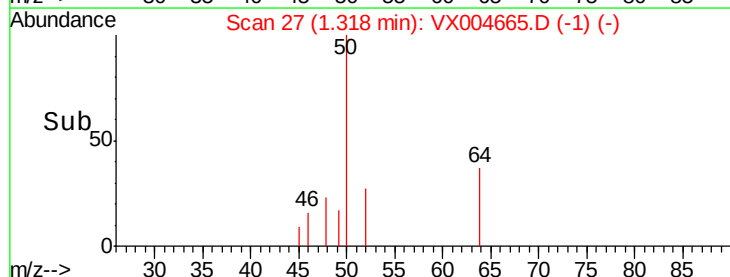
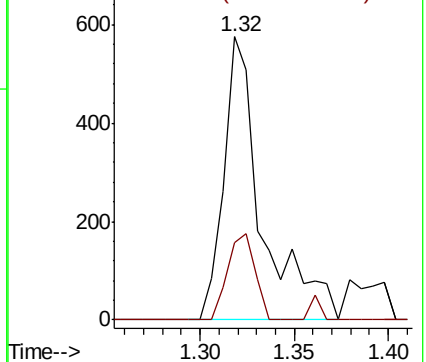
50 100

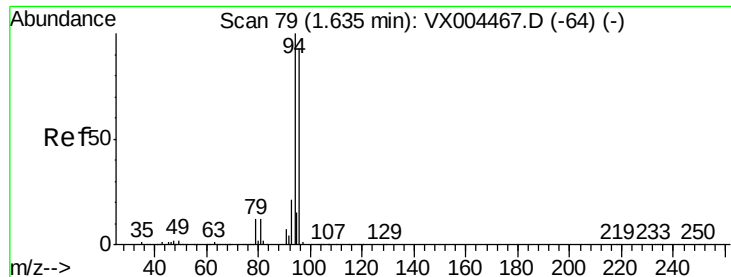
52 27.5 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004665.D

Acq: 18 Sep 2018 18:29

Instrument :

MSVOA_X

ClientSampled :

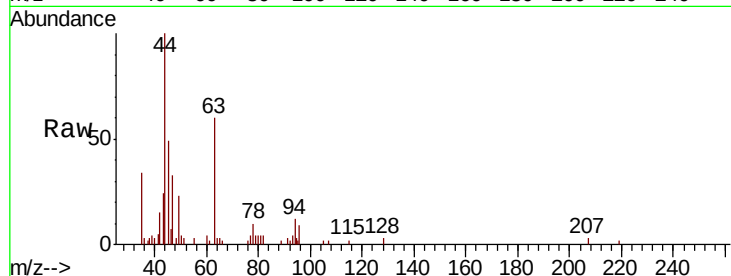
SP-PIT-9ME

Tgt Ion: 94 Resp: 397

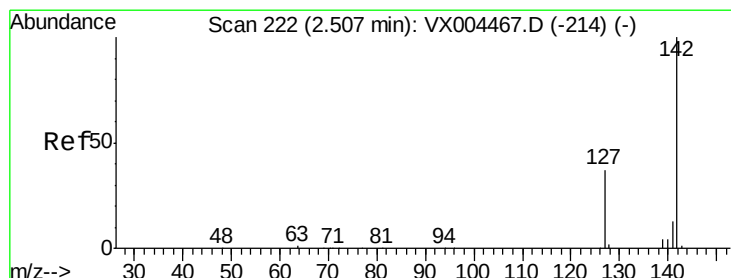
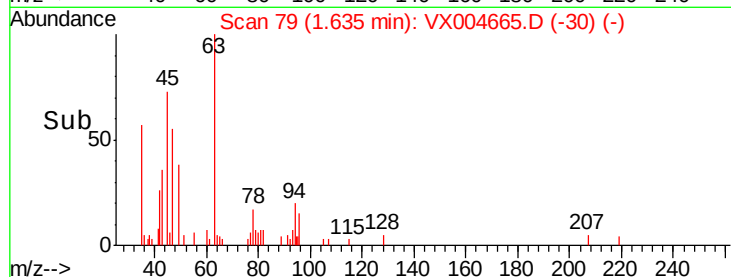
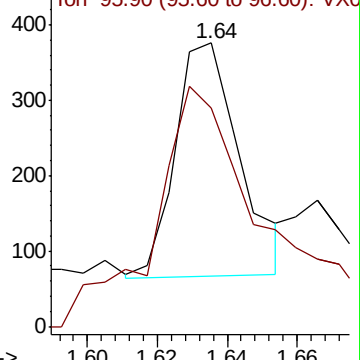
Ion Ratio Lower Upper

94 100

96 70.0 74.5 111.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0



#10

Methyl Iodide

Concen: 4.354 ug/l

RT: 2.48 min Scan# 218

Delta R.T. -0.02 min

Lab File: VX004665.D

Acq: 18 Sep 2018 18:29

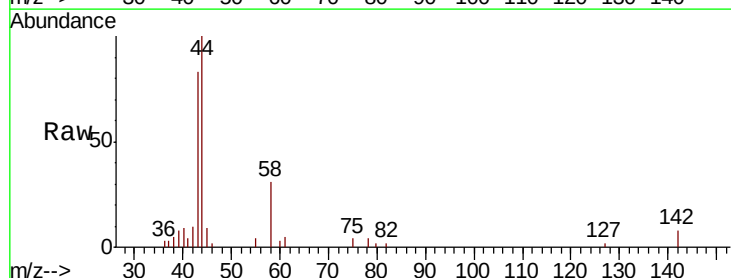
Tgt Ion: 142 Resp: 308

Ion Ratio Lower Upper

142 100

127 21.8 33.8 50.6#

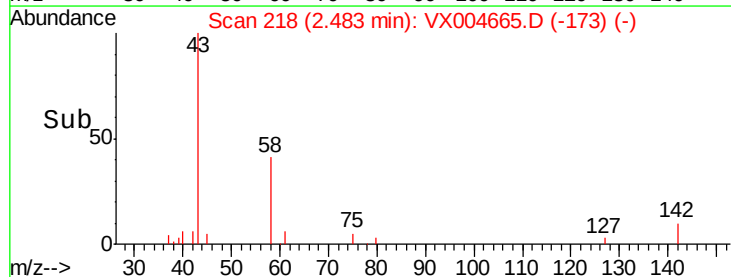
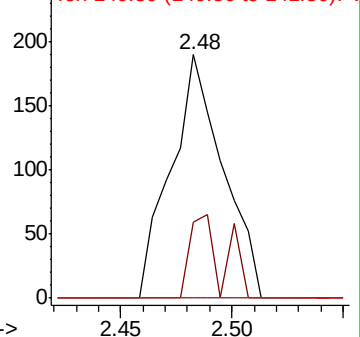
141 0.0 11.4 17.0#

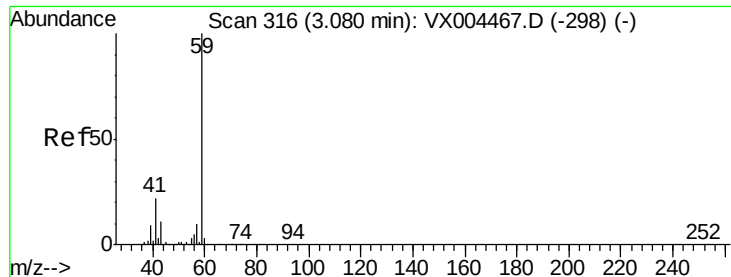


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

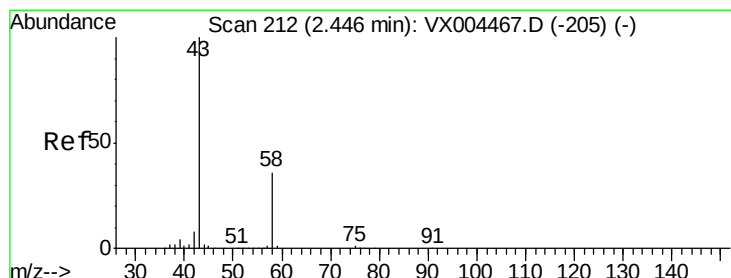
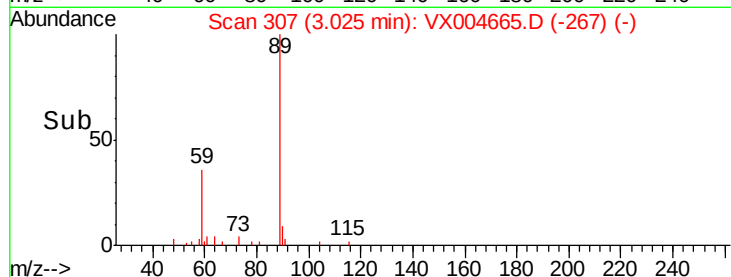
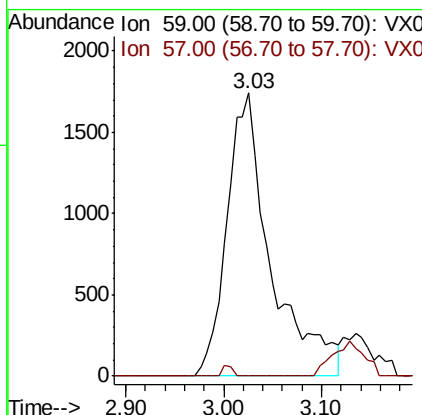
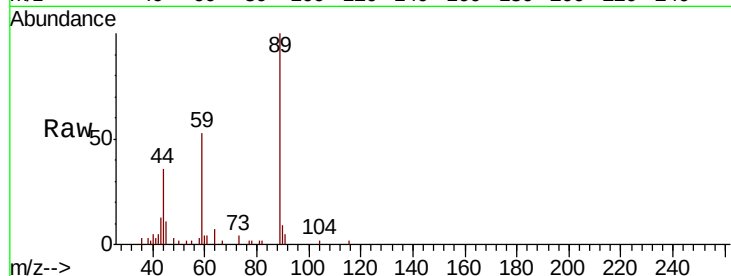




#11
Tert butyl alcohol
Concen: 8.133 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.05 min
Lab File: VX004665.D
Acq: 18 Sep 2018 18:29

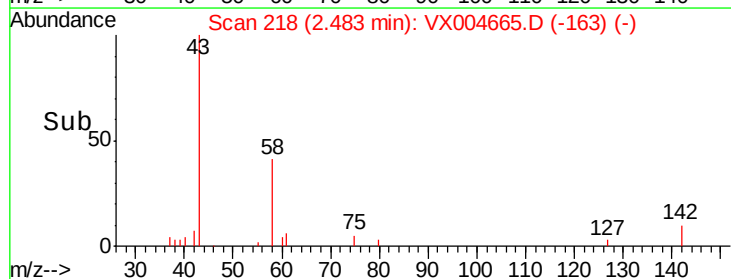
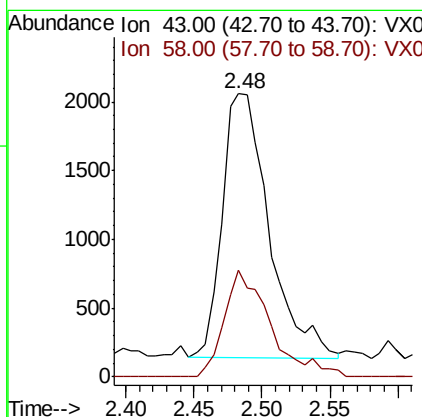
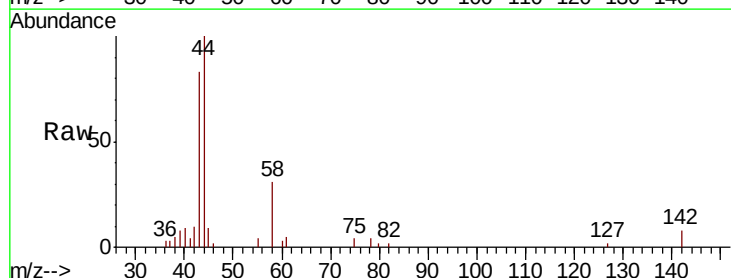
Instrument :
MSVOA_X
ClientSampleId :
SP-PIT-9ME

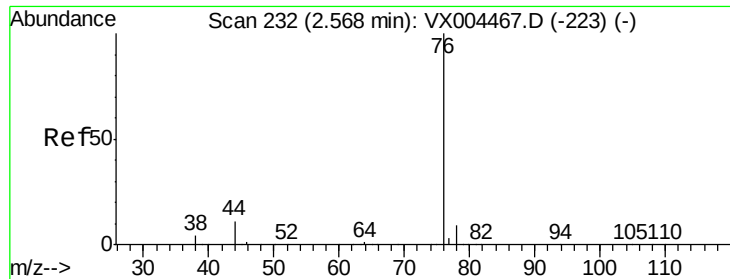
Tgt Ion: 59 Resp: 5416
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#16
Acetone
Concen: 3.378 ug/l
RT: 2.48 min Scan# 218
Delta R.T. 0.04 min
Lab File: VX004665.D
Acq: 18 Sep 2018 18:29

Tgt Ion: 43 Resp: 4601
Ion Ratio Lower Upper
43 100
58 40.5 26.2 39.4#





#17

Carbon Disulfide

Concen: 0.210 ug/l

RT: 2.53 min Scan# 225

Delta R.T. -0.04 min

Lab File: VX004665.D

Acq: 18 Sep 2018 18:29

Instrument :

MSVOA_X

ClientSampleId :

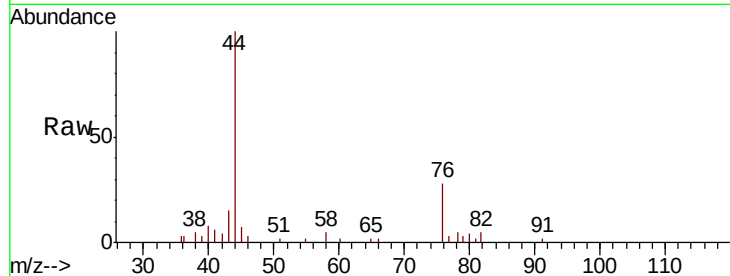
SP-PIT-9ME

Tgt Ion: 76 Resp: 1375

Ion Ratio Lower Upper

76 100

78 3.2 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.53

600

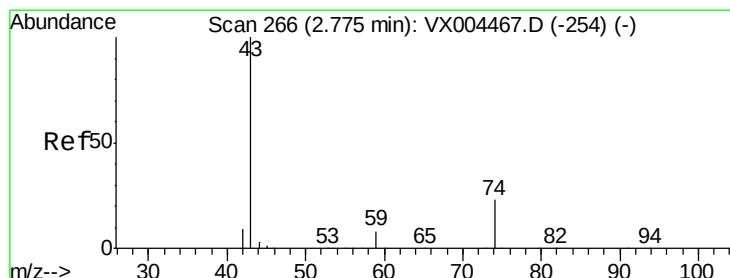
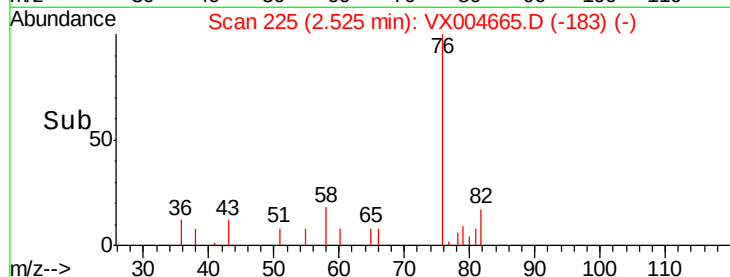
400

200

0

Time-->

2.45 2.50 2.55 2.60



#18

Methyl Acetate

Concen: 5.389 ug/l

RT: 2.79 min Scan# 269

Delta R.T. 0.02 min

Lab File: VX004665.D

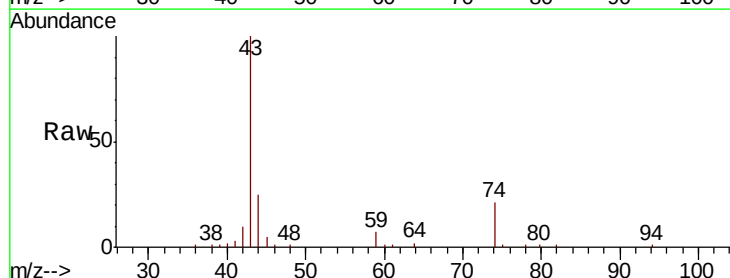
Acq: 18 Sep 2018 18:29

Tgt Ion: 43 Resp: 20595

Ion Ratio Lower Upper

43 100

74 21.2 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

12000

10000

8000

6000

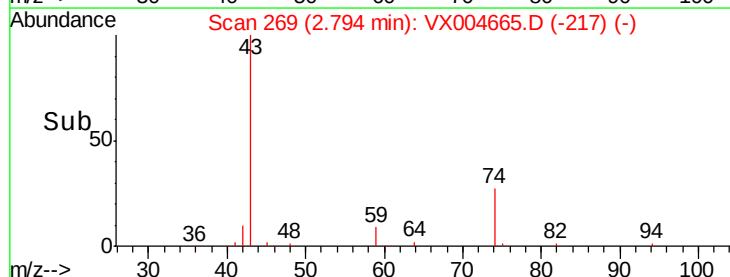
4000

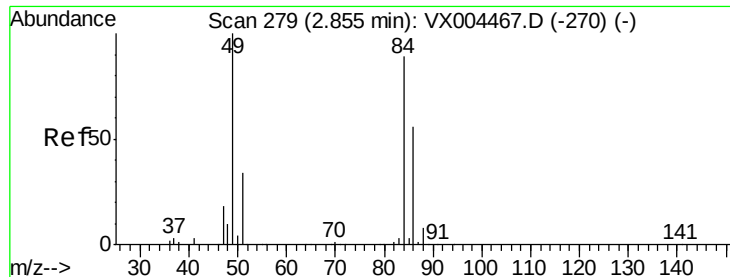
2000

0

Time-->

2.70 2.80 2.90

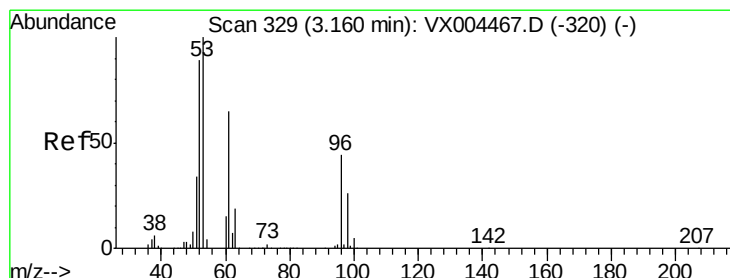
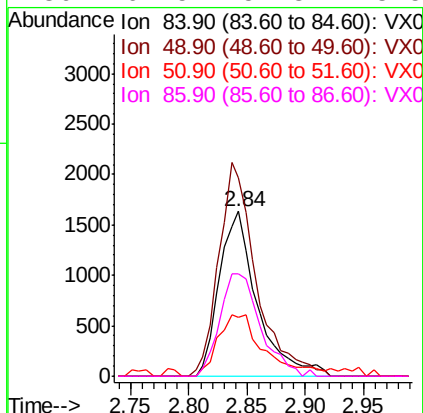
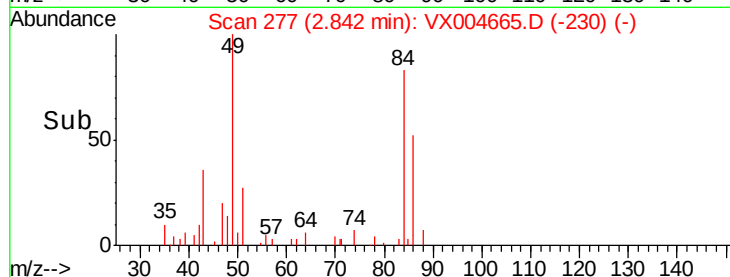
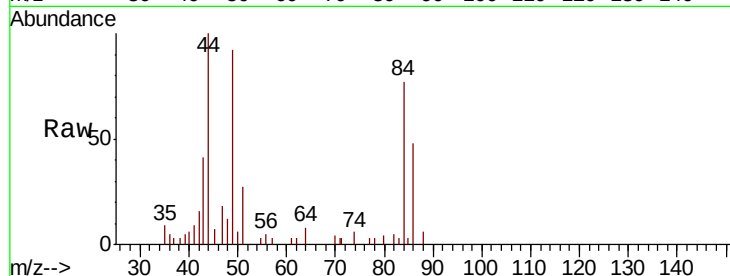




#20
Methylene Chloride
Concen: 1.317 ug/l
RT: 2.84 min Scan# 277
Delta R.T. -0.01 min
Lab File: VX004665.D
Acq: 18 Sep 2018 18:29

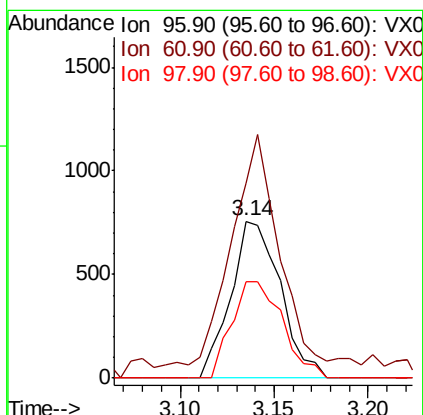
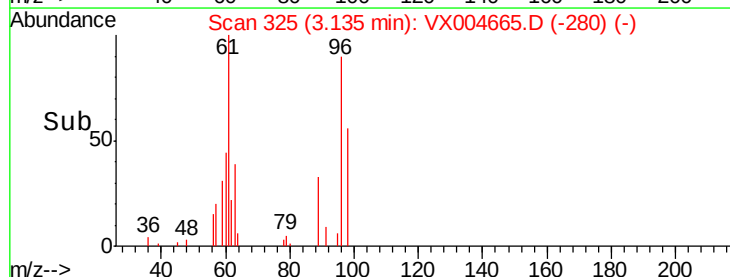
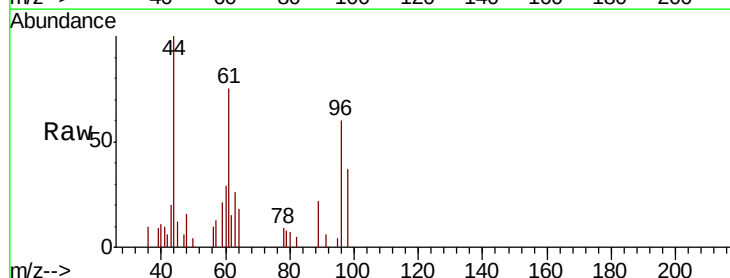
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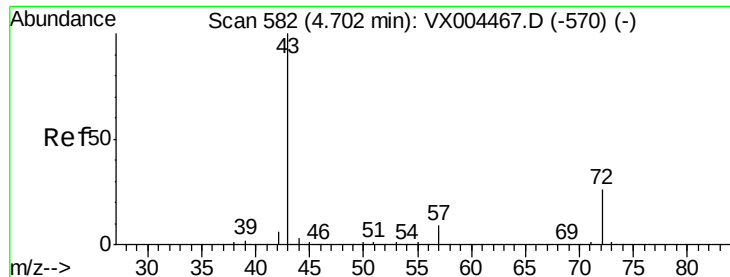
Tgt Ion:	84	Resp:	3680
Ion	Ratio	Lower	Upper
84	100		
49	120.1	101.2	151.8
51	35.7	29.5	44.3
86	62.5	52.3	78.5



#21
trans-1,2-Dichloroethene
Concen: 0.553 ug/l
RT: 3.14 min Scan# 325
Delta R.T. -0.02 min
Lab File: VX004665.D
Acq: 18 Sep 2018 18:29

Tgt Ion:	96	Resp:	1382
Ion	Ratio	Lower	Upper
96	100		
61	115.7	113.8	170.6
98	61.6	51.8	77.8





#25

2-Butanone

Concen: 2.352 ug/l

RT: 4.74 min Scan# 588

Delta R.T. 0.04 min

Lab File: VX004665.D

Acq: 18 Sep 2018 18:29

Instrument :

MSVOA_X

ClientSampleId :

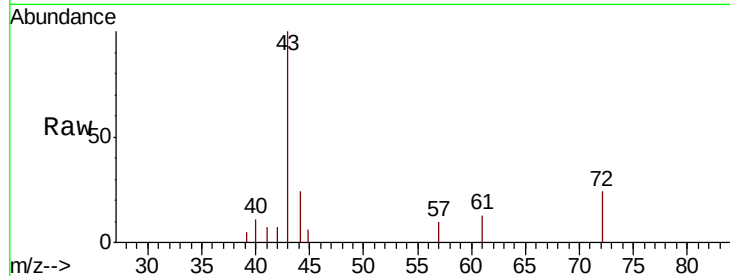
SP-PIT-9ME

Tgt Ion: 43 Resp: 5100

Ion Ratio Lower Upper

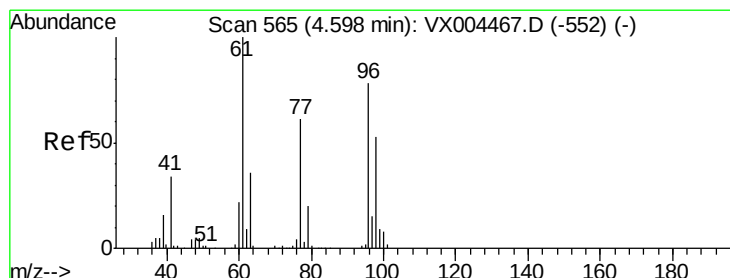
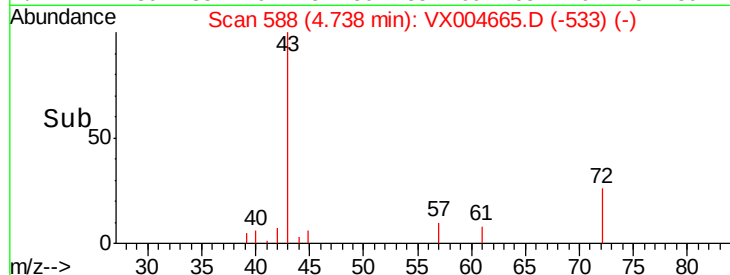
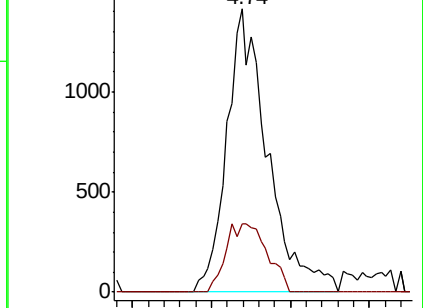
43 100

72 24.3 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#27

cis-1,2-Dichloroethene

Concen: 0.283 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX004665.D

Acq: 18 Sep 2018 18:29

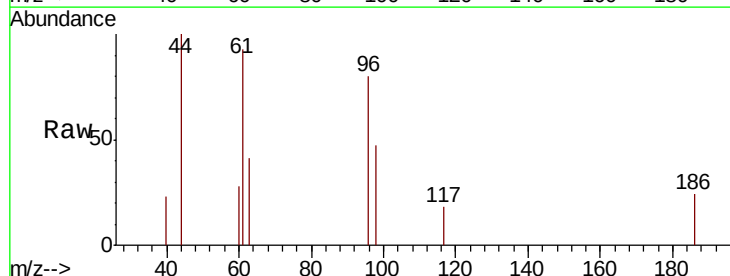
Tgt Ion: 96 Resp: 790

Ion Ratio Lower Upper

96 100

61 181.6 0.0 282.6

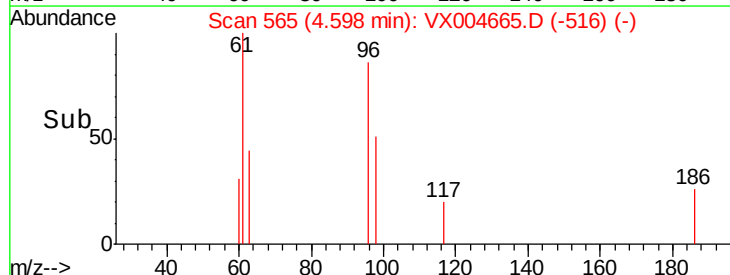
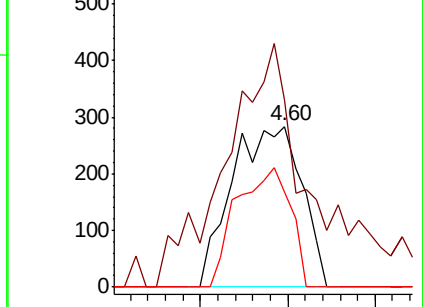
98 56.8 0.0 130.2

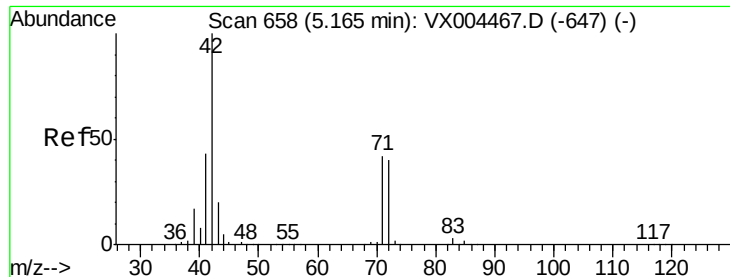


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#29

Tetrahydrofuran

Concen: 0.317 ug/l

RT: 5.20 min Scan# 663

Delta R.T. 0.03 min

Lab File: VX004665.D

Acq: 18 Sep 2018 18:29

Instrument :

MSVOA_X

ClientSampled :

SP-PIT-9ME

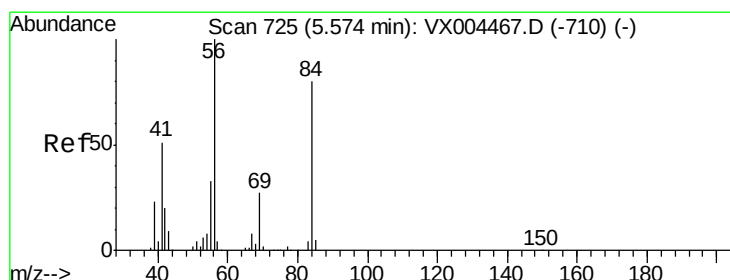
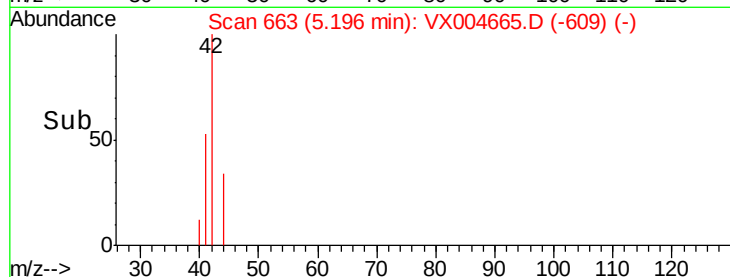
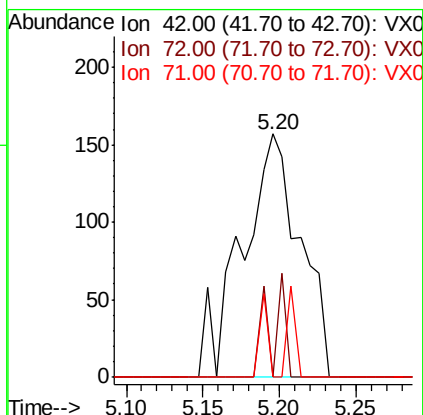
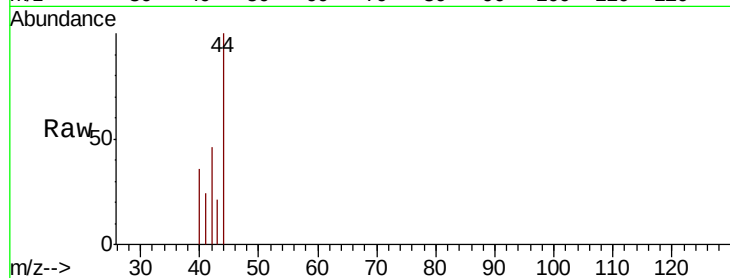
Tgt Ion: 42 Resp: 415

Ion Ratio Lower Upper

42 100

72 5.3 37.4 56.0#

71 4.8 34.5 51.7#



#31

Cyclohexane

Concen: 0.280 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX004665.D

Acq: 18 Sep 2018 18:29

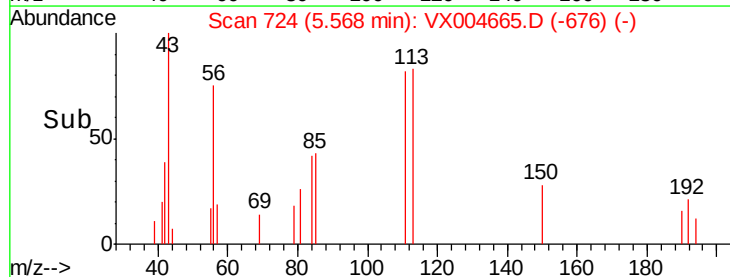
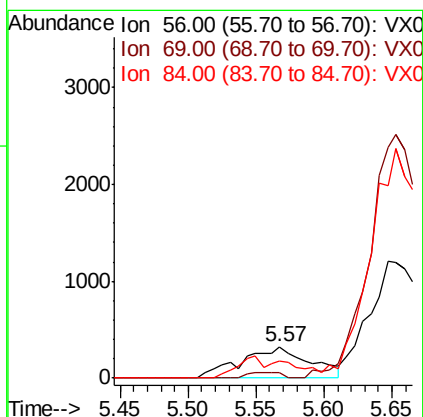
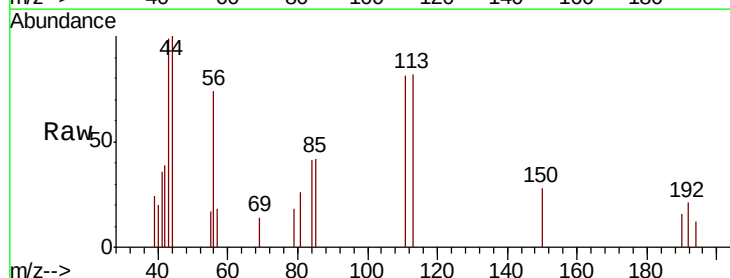
Tgt Ion: 56 Resp: 1130

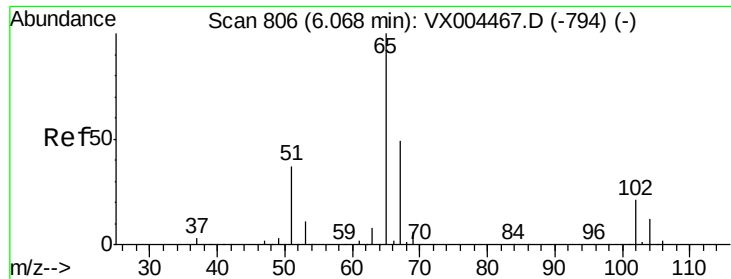
Ion Ratio Lower Upper

56 100

69 19.2 25.4 38.2#

84 55.4 71.4 107.2#

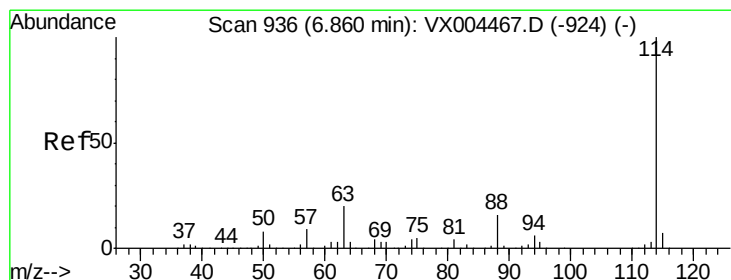
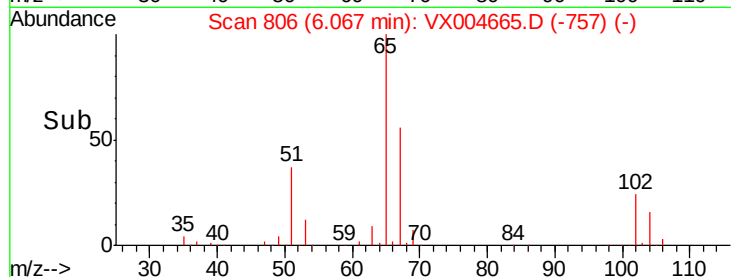
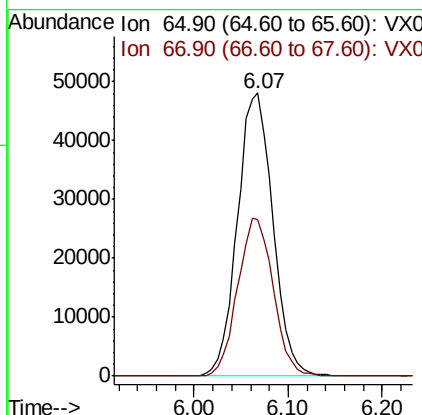
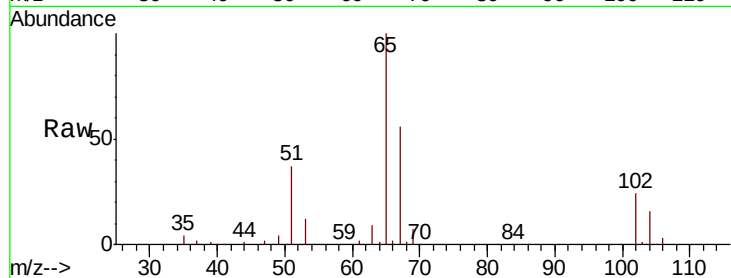




#33
 1,2-Dichloroethane-d4
 Concen: 45.529 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004665.D
 Acq: 18 Sep 2018 18:29

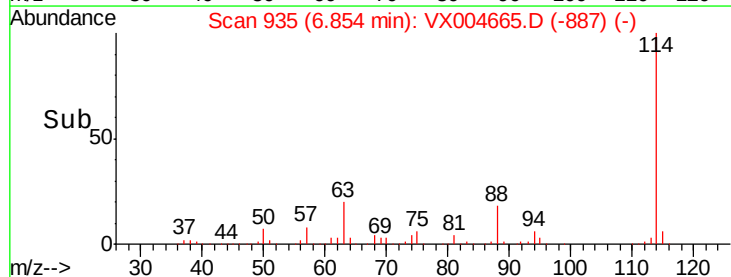
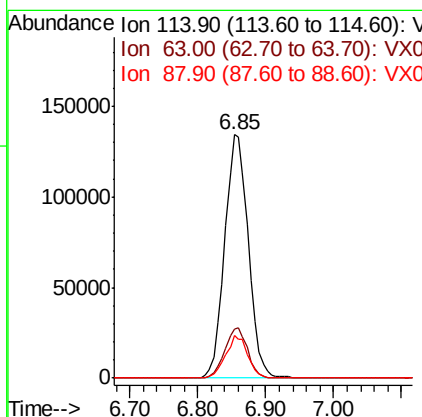
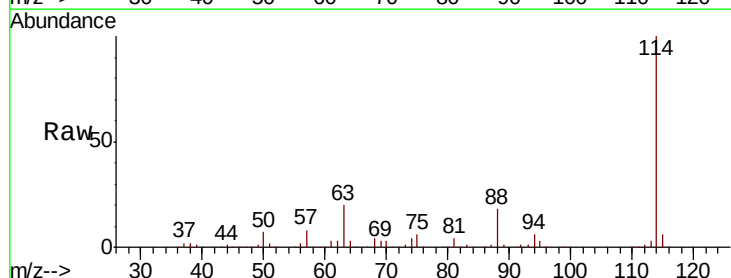
Instrument :
 MSVOA_X
 ClientSampleId :
 SP-PIT-9ME

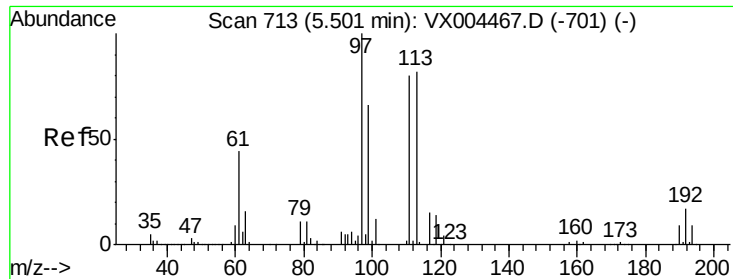
Tgt Ion: 65 Resp: 127070
 Ion Ratio Lower Upper
 65 100
 67 55.9 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX004665.D
 Acq: 18 Sep 2018 18:29

Tgt Ion: 114 Resp: 323680
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.0
 88 17.6 0.0 30.4

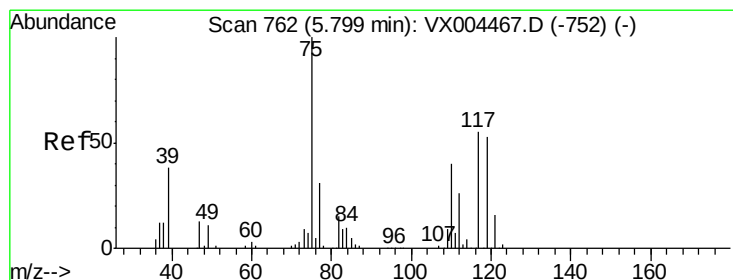
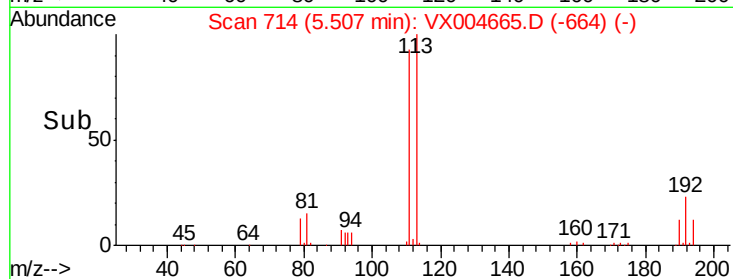
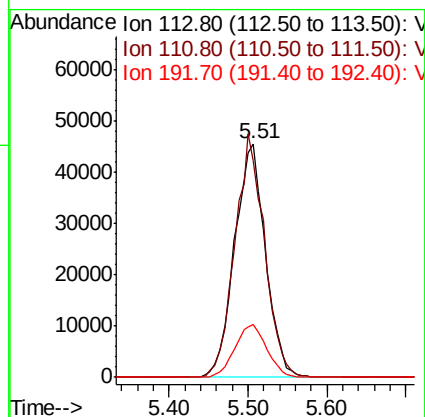
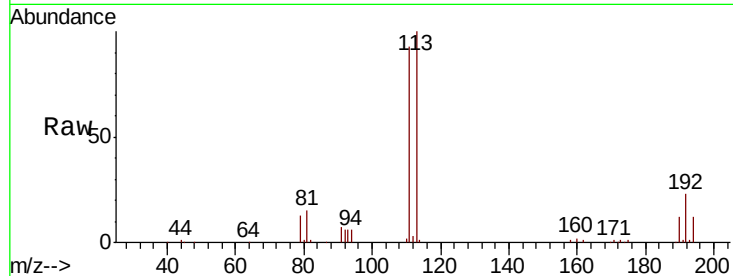




#35
 Dibromofluoromethane
 Concen: 41.838 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX004665.D
 Acq: 18 Sep 2018 18:29

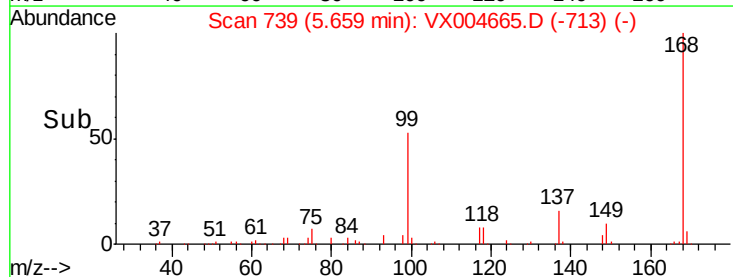
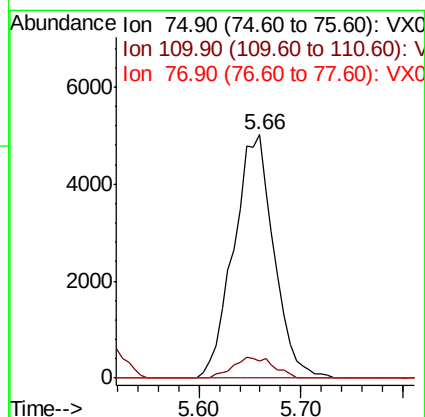
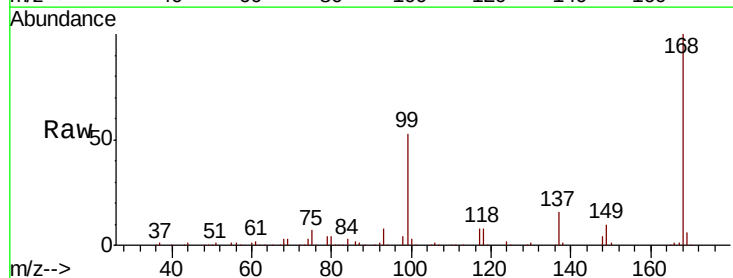
Instrument :
 MSVOA_X
 ClientSampleId :
 SP-PIT-9ME

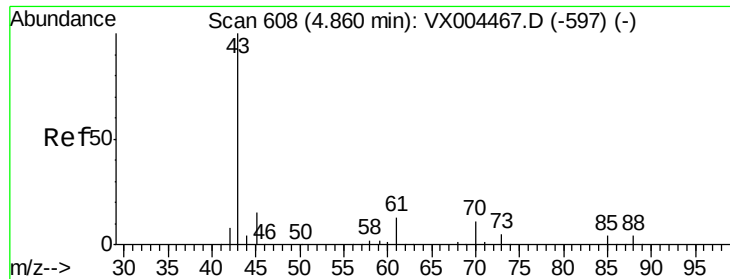
Tgt Ion: 113 Resp: 123924
 Ion Ratio Lower Upper
 113 100
 111 100.2 82.4 123.6
 192 23.5 19.4 29.2



#36
 1,1-Dichloropropene
 Concen: 3.492 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX004665.D
 Acq: 18 Sep 2018 18:29

Tgt Ion: 75 Resp: 13723
 Ion Ratio Lower Upper
 75 100
 110 8.7 18.0 54.0#
 77 0.0 24.6 36.8#





#37

Ethyl Acetate

Concen: 1.141 ug/l

RT: 4.74 min Scan# 588

Delta R.T. -0.12 min

Lab File: VX004665.D

Acq: 18 Sep 2018 18:29

Instrument :

MSVOA_X

ClientSampleId :

SP-PIT-9ME

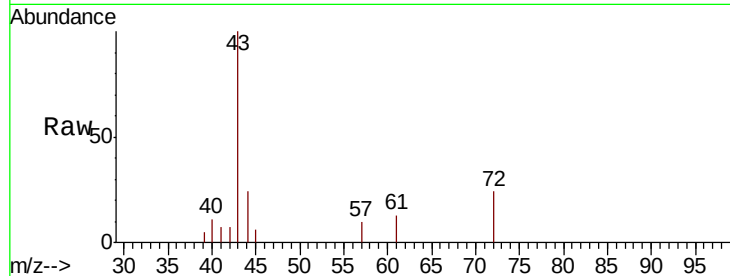
Tgt Ion: 43 Resp: 5100

Ion Ratio Lower Upper

43 100

61 9.6 11.5 17.3#

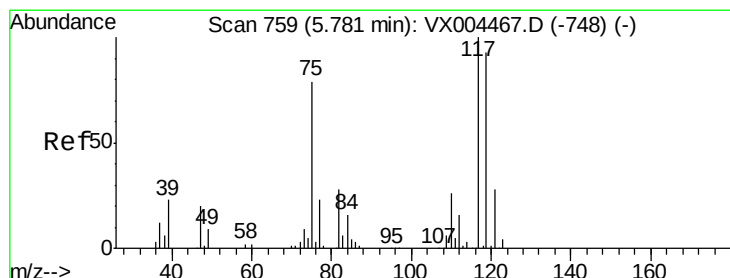
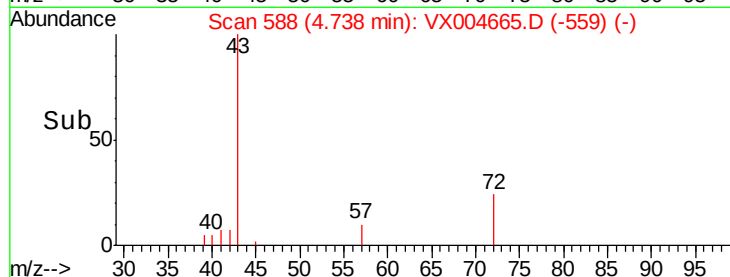
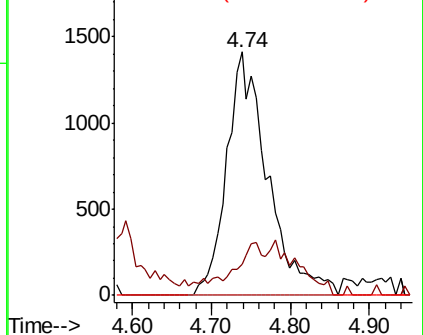
70 0.0 9.0 13.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 4.723 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.13 min

Lab File: VX004665.D

Acq: 18 Sep 2018 18:29

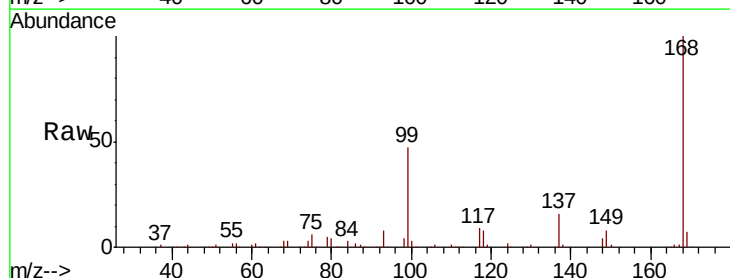
Tgt Ion: 117 Resp: 18127

Ion Ratio Lower Upper

117 100

119 5.9 78.8 118.2#

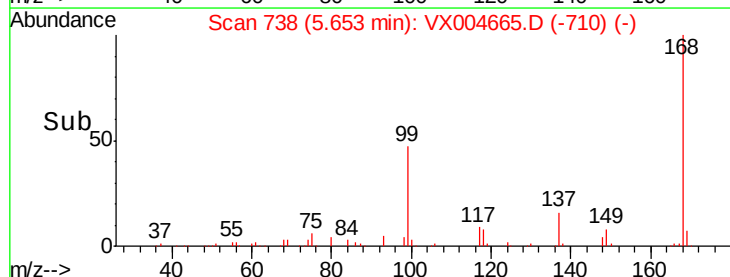
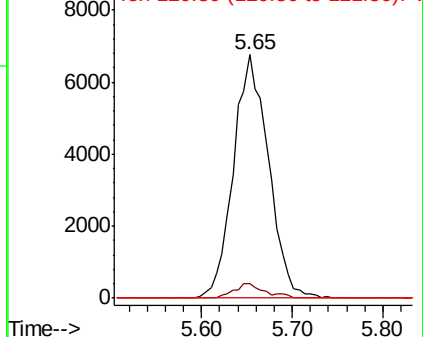
121 0.0 24.9 37.3#

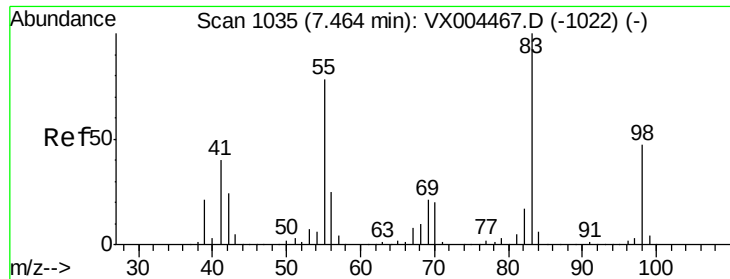


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

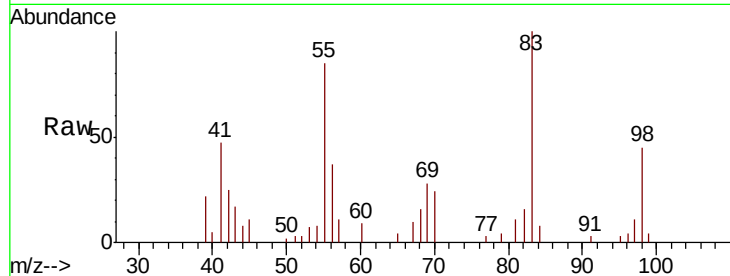




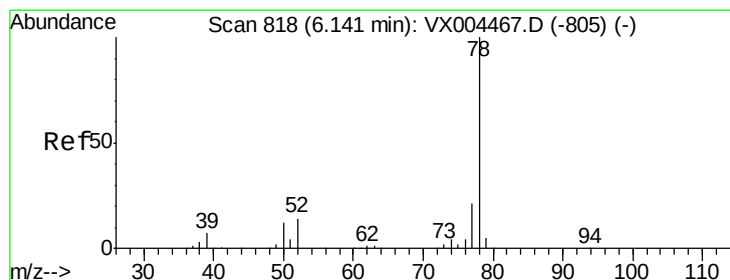
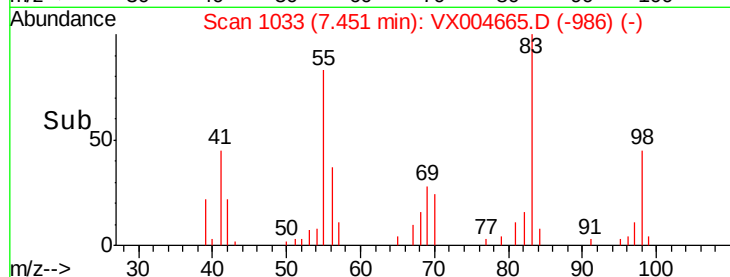
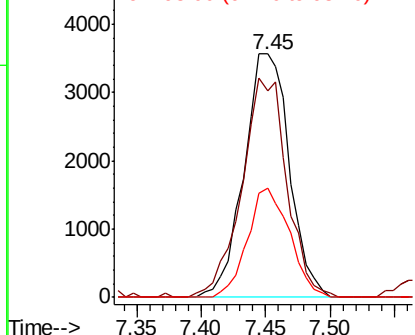
#39
Methylcyclohexane
Concen: 2.116 ug/l
RT: 7.45 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VX004665.D
Acq: 18 Sep 2018 18:29

Instrument :
MSVOA_X
ClientSampleId :
SP-PIT-9ME

Tgt Ion: 83 Resp: 8679
Ion Ratio Lower Upper
83 100
55 85.0 61.0 91.4
98 44.7 39.6 59.4

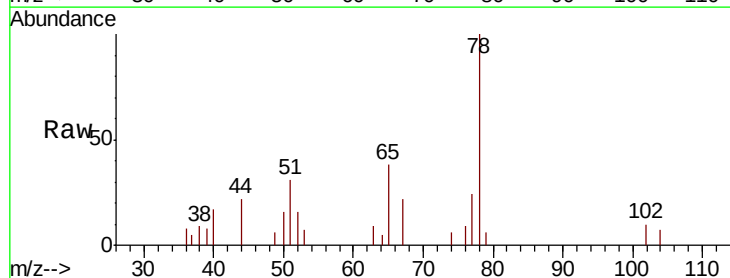


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

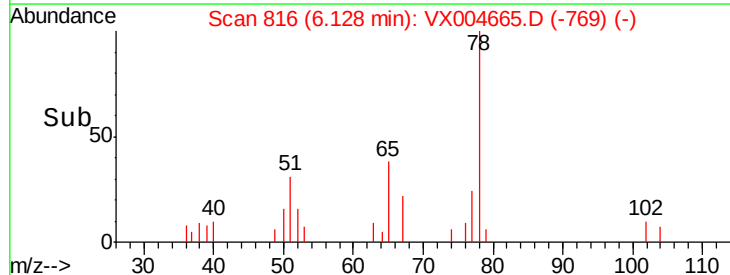
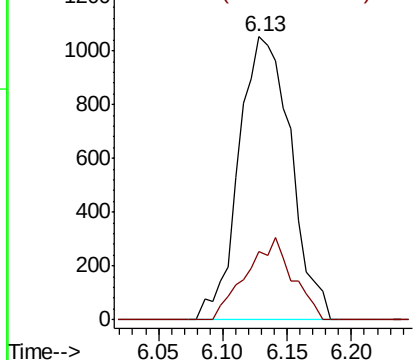


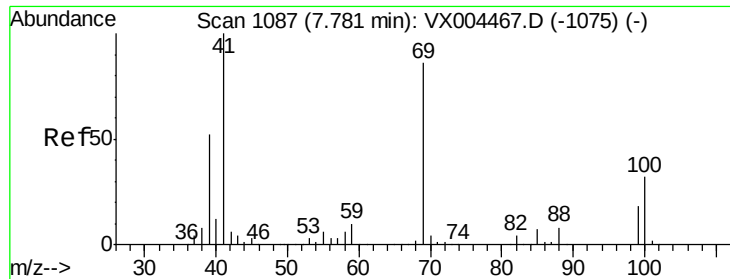
#40
Benzene
Concen: 0.252 ug/l
RT: 6.13 min Scan# 816
Delta R.T. -0.01 min
Lab File: VX004665.D
Acq: 18 Sep 2018 18:29

Tgt Ion: 78 Resp: 2942
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

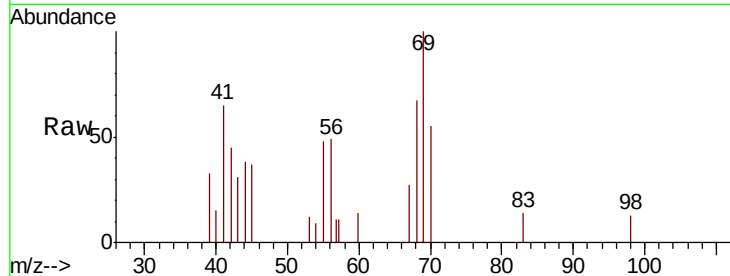




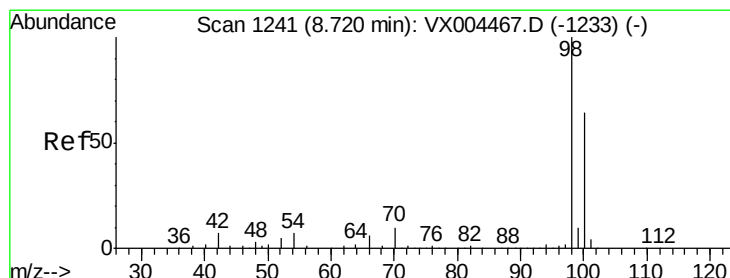
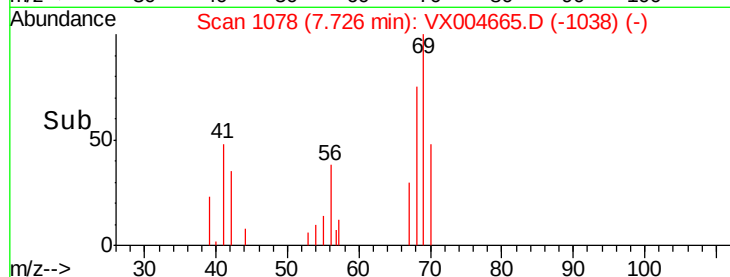
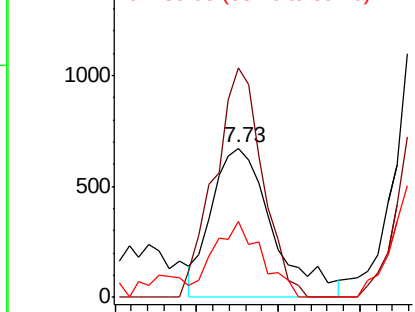
#48
Methyl methacrylate
Concen: 0.594 ug/l
RT: 7.73 min Scan# 1078
Delta R.T. -0.05 min
Lab File: VX004665.D
Acq: 18 Sep 2018 18:29

Instrument :
MSVOA_X
ClientSampled :
SP-PIT-9ME

Tgt Ion: 41 Resp: 1746
Ion Ratio Lower Upper
41 100
69 121.1 70.2 105.4#
39 40.1 42.7 64.1#

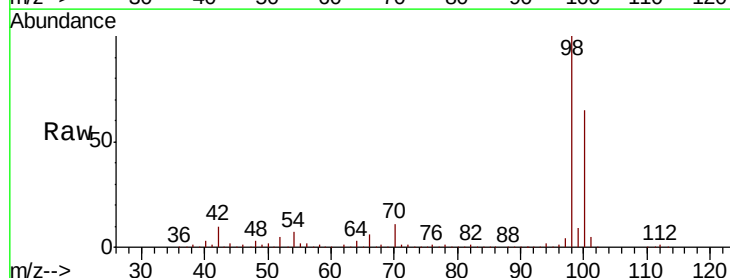


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

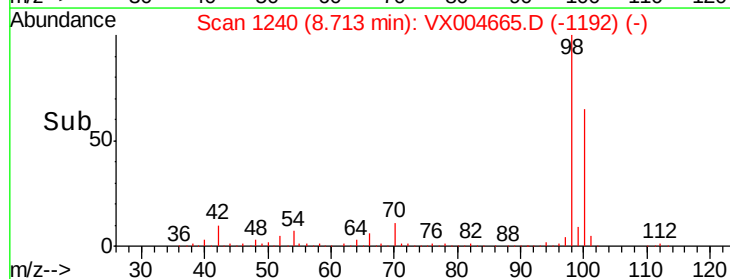
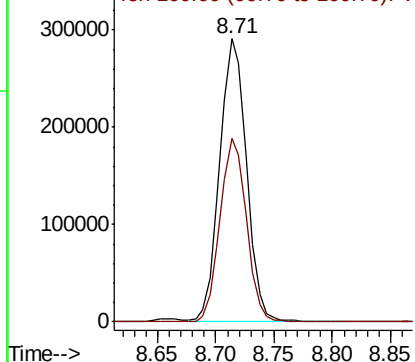


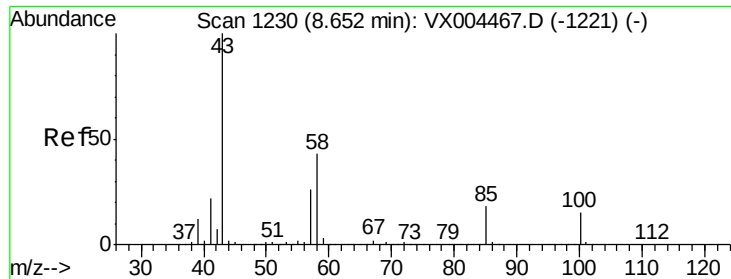
#50
Toluene-d8
Concen: 46.408 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX004665.D
Acq: 18 Sep 2018 18:29

Tgt Ion: 98 Resp: 460976
Ion Ratio Lower Upper
98 100
100 64.7 52.9 79.3



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: 1.534 ug/l

RT: 8.66 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VX004665.D

Acq: 18 Sep 2018 18:29

Instrument :

MSVOA_X

ClientSampleId :

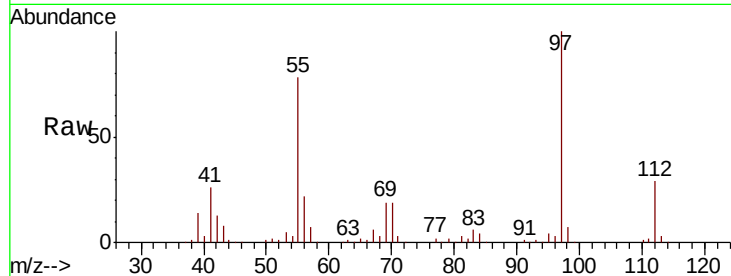
SP-PIT-9ME

Tgt Ion: 43 Resp: 6426

Ion Ratio Lower Upper

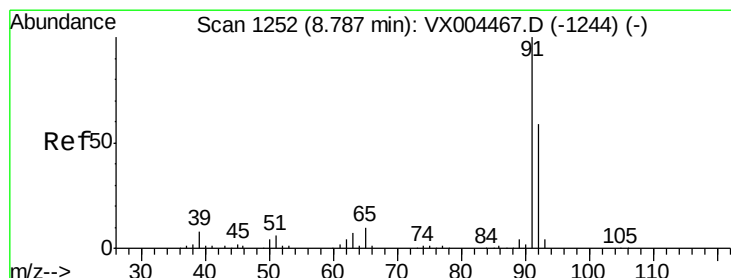
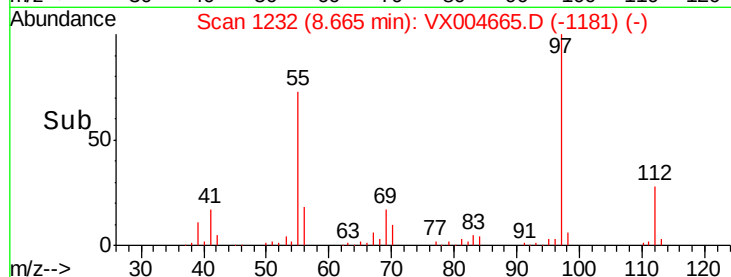
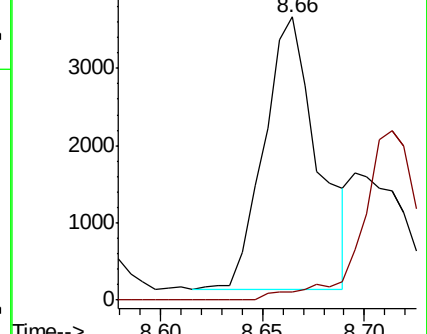
43 100

58 0.0 33.1 49.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 0.380 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX004665.D

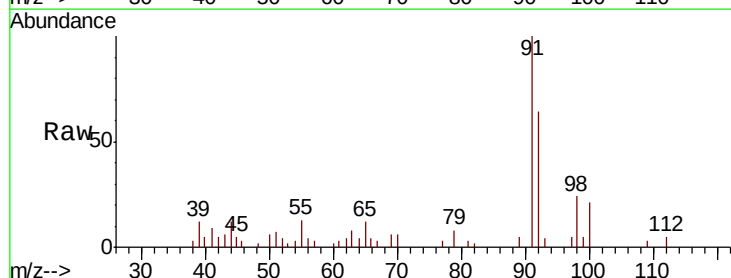
Acq: 18 Sep 2018 18:29

Tgt Ion: 92 Resp: 2609

Ion Ratio Lower Upper

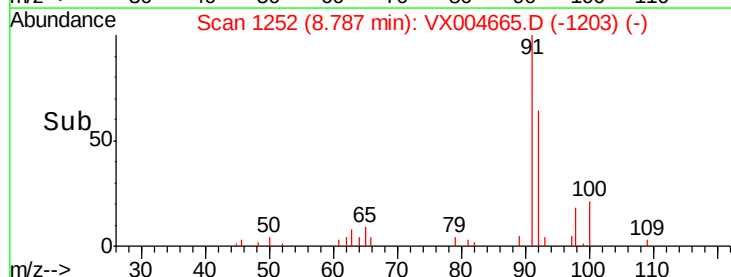
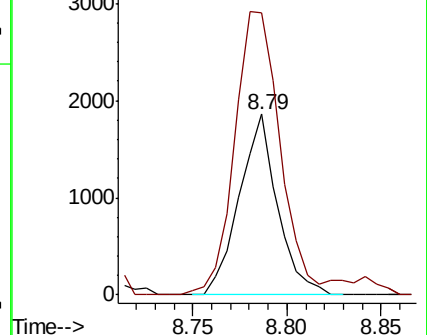
92 100

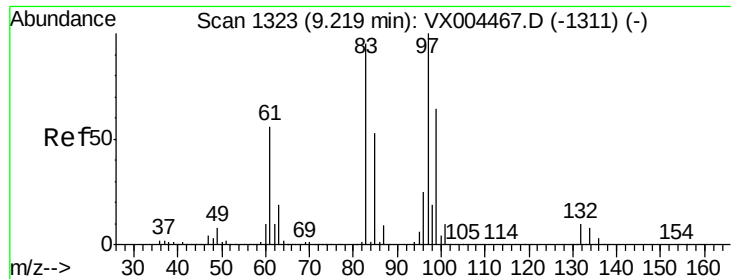
91 190.6 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

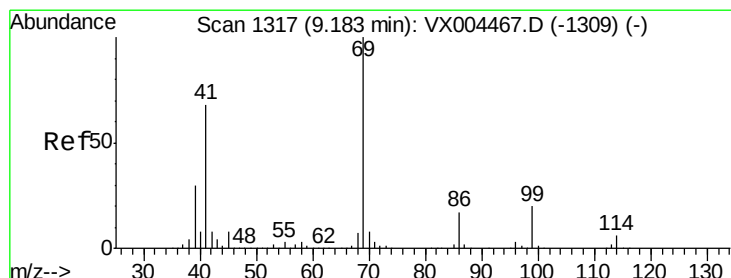
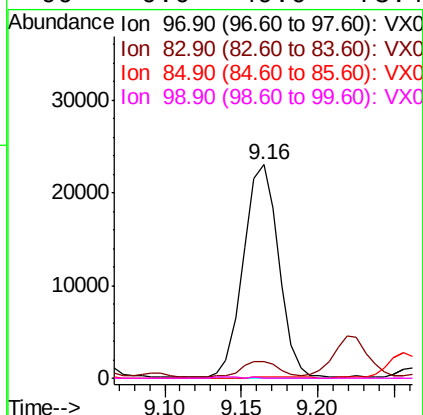
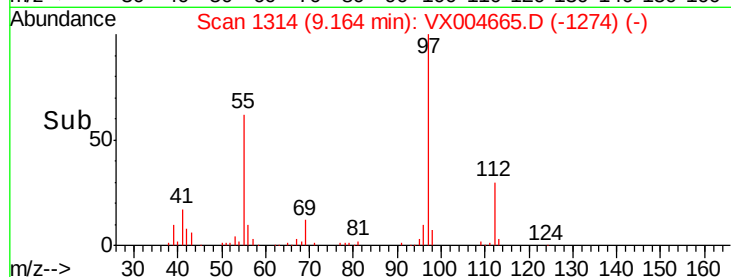
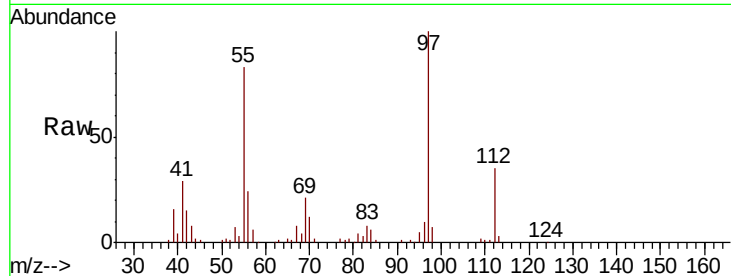




#55
 1,1,2-Trichloroethane
 Concen: 12.524 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: VX004665.D
 Acq: 18 Sep 2018 18:29

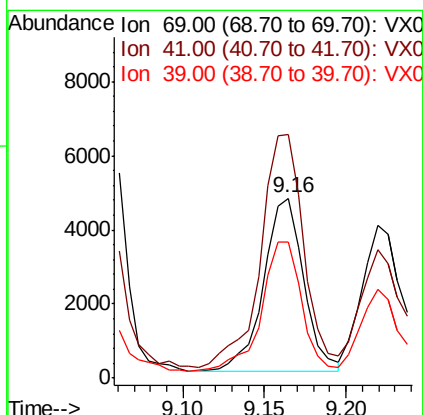
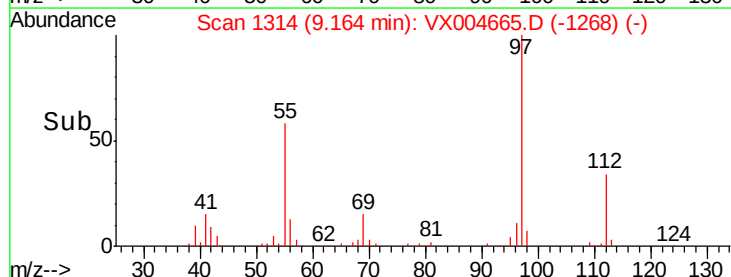
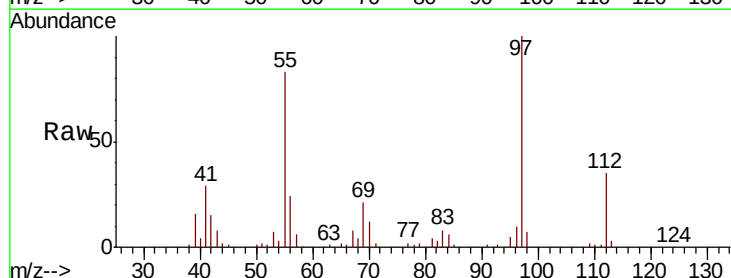
Instrument :
 MSVOA_X
 ClientSampleId :
 SP-PIT-9ME

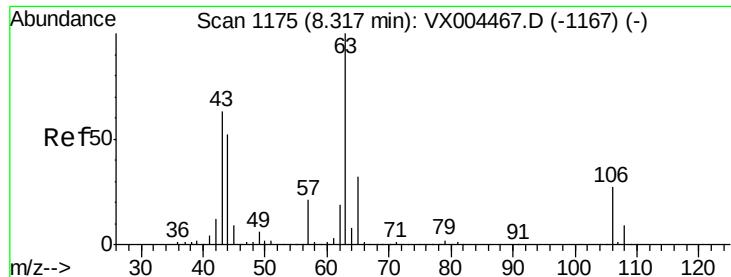
Tgt Ion: 97 Resp: 37045
 Ion Ratio Lower Upper
 97 100
 83 7.6 66.4 99.6#
 85 0.5 43.3 64.9#
 99 0.0 49.0 73.4#



#56
 Ethyl methacrylate
 Concen: 1.921 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.02 min
 Lab File: VX004665.D
 Acq: 18 Sep 2018 18:29

Tgt Ion: 69 Resp: 8037
 Ion Ratio Lower Upper
 69 100
 41 143.0 51.0 76.4#
 39 74.6 26.1 39.1#

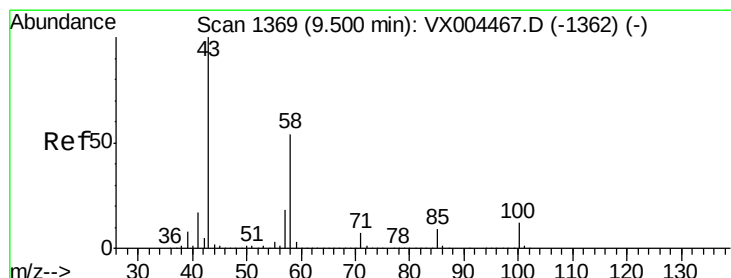
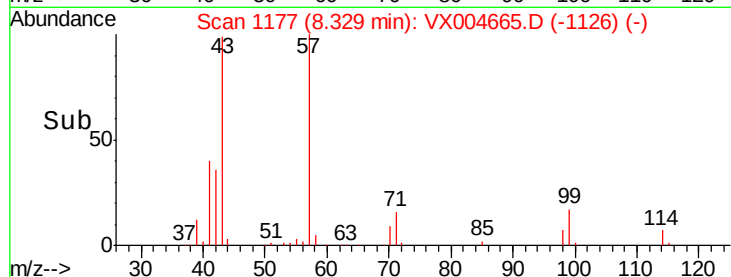
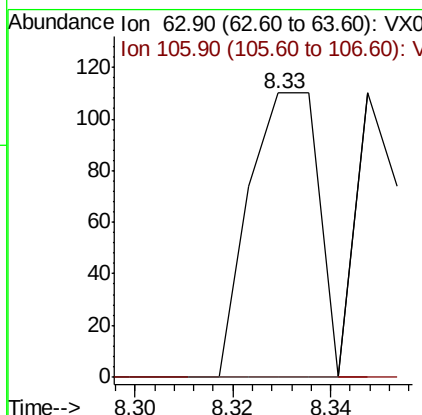
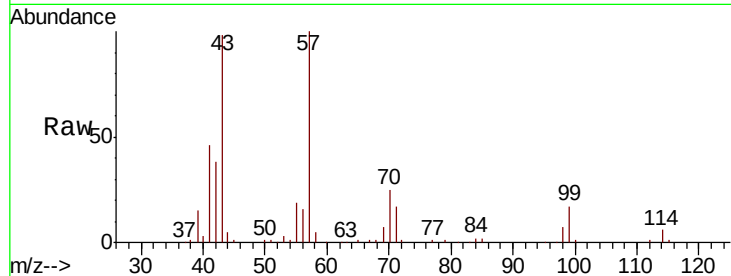




#58
 2-Chloroethyl Vinyl ether
 Concen: 7.321 ug/l
 RT: 8.33 min Scan# 1177
 Delta R.T. 0.01 min
 Lab File: VX004665.D
 Acq: 18 Sep 2018 18:29

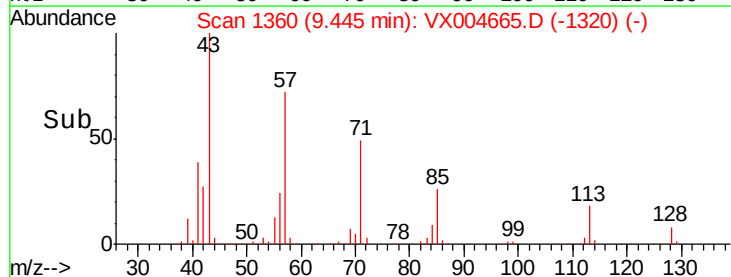
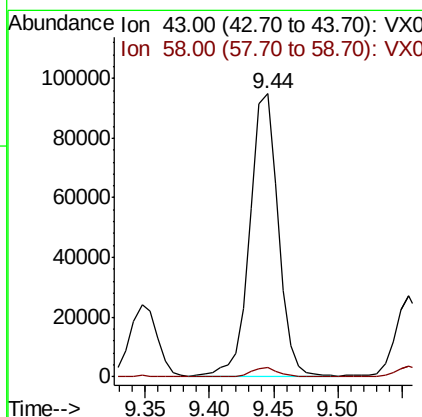
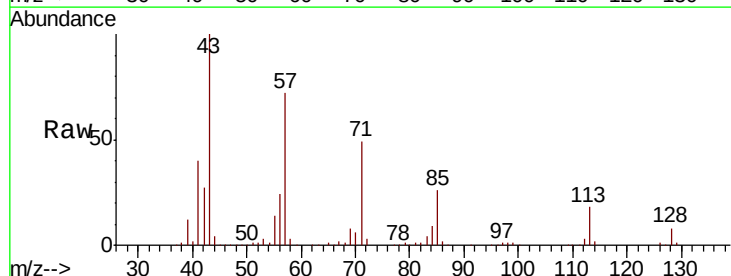
Instrument :
 MSVOA_X
 ClientSampleId :
 SP-PIT-9ME

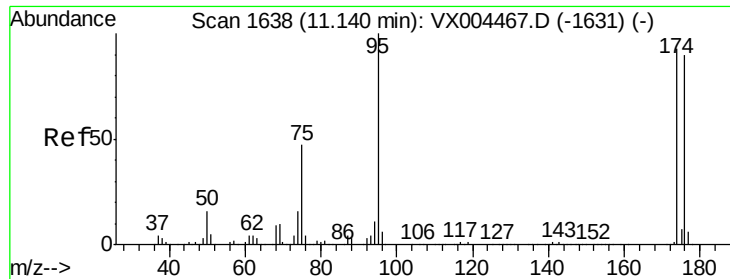
Tgt Ion: 63 Resp: 108
 Ion Ratio Lower Upper
 63 100
 106 0.0 23.9 35.9#



#59
 2-Hexanone
 Concen: 44.445 ug/l
 RT: 9.44 min Scan# 1360
 Delta R.T. -0.05 min
 Lab File: VX004665.D
 Acq: 18 Sep 2018 18:29

Tgt Ion: 43 Resp: 142812
 Ion Ratio Lower Upper
 43 100
 58 3.3 29.0 87.0#





#62

4-Bromofluorobenzene

Concen: 53.892 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004665.D

Acq: 18 Sep 2018 18:29

Instrument :

MSVOA_X

ClientSampleId :

SP-PIT-9ME

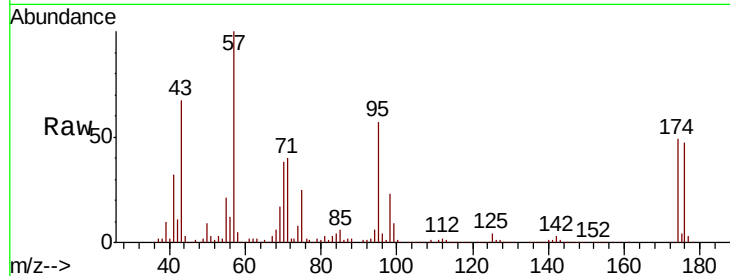
Tgt Ion: 95 Resp: 191081

Ion Ratio Lower Upper

95 100

174 88.3 0.0 185.2

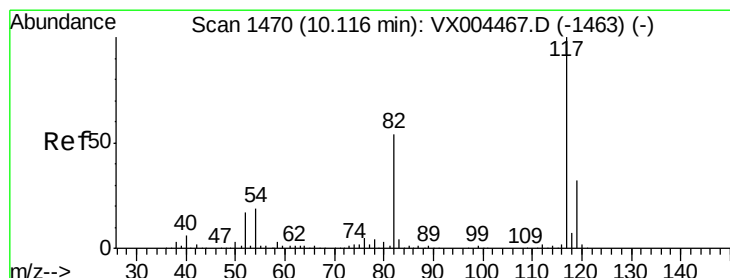
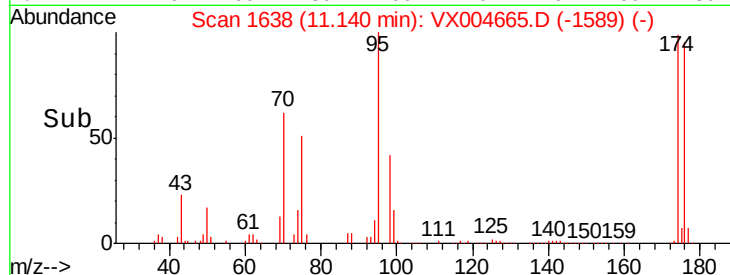
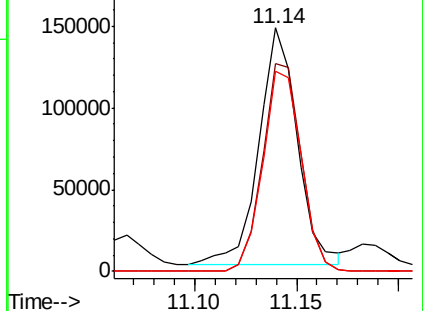
176 85.2 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX004467.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX004467.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX004467.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX004665.D

Acq: 18 Sep 2018 18:29

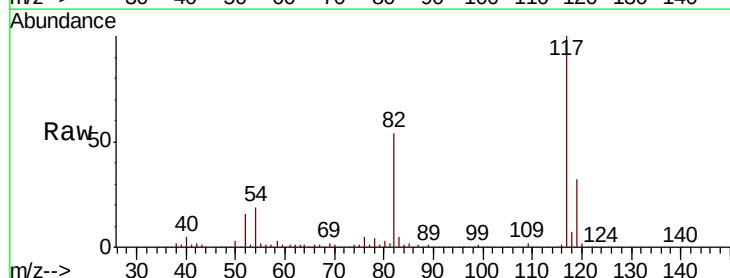
Tgt Ion: 117 Resp: 316840

Ion Ratio Lower Upper

117 100

82 52.8 47.8 71.6

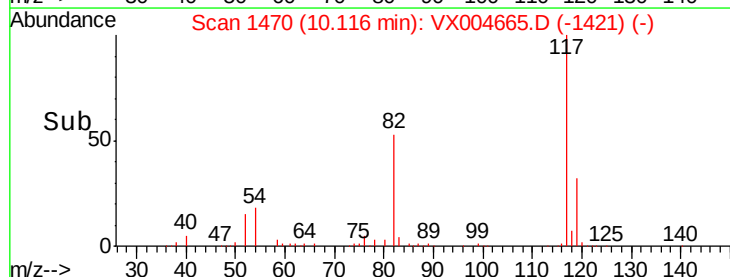
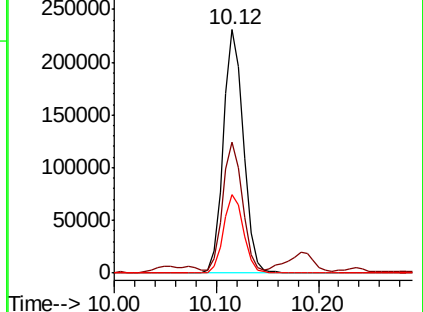
119 32.0 29.3 43.9

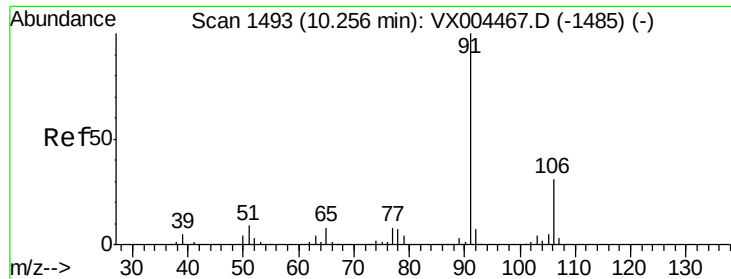


Abundance Ion 116.90 (116.60 to 117.60): VX004467.D (-1463) (-)

Ion 82.00 (81.70 to 82.70): VX004467.D (-1463) (-)

Ion 118.90 (118.60 to 119.60): VX004467.D (-1463) (-)

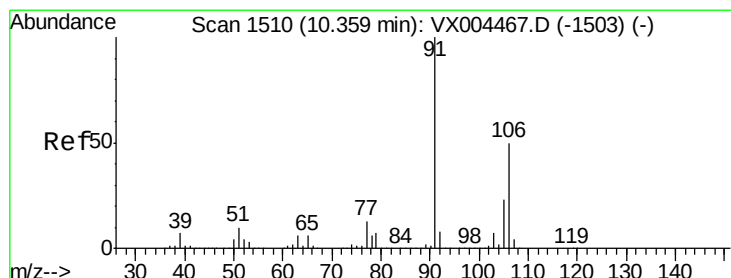
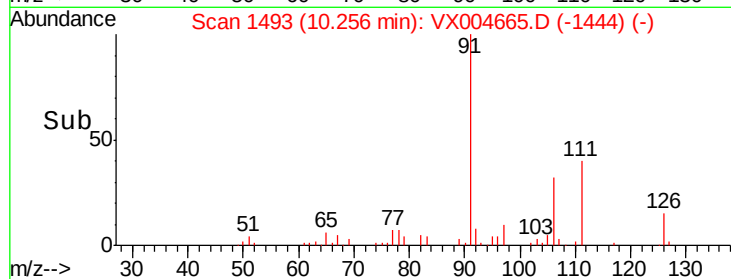
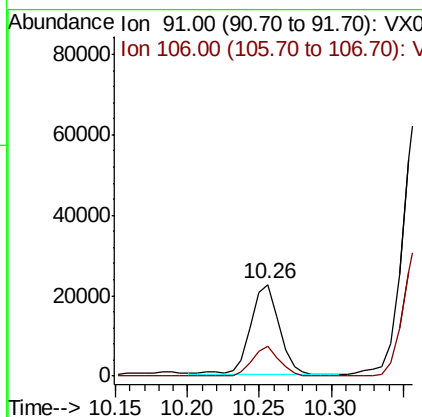
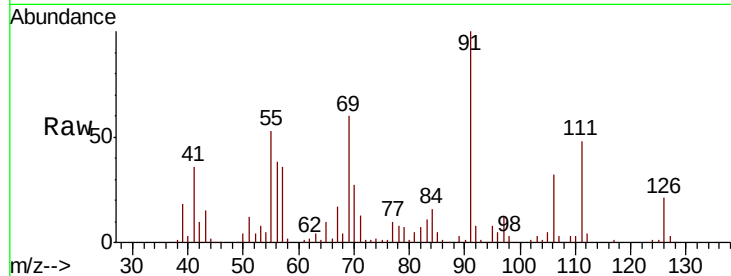




#67
Ethyl Benzene
Concen: 2.422 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX004665.D
Acq: 18 Sep 2018 18:29

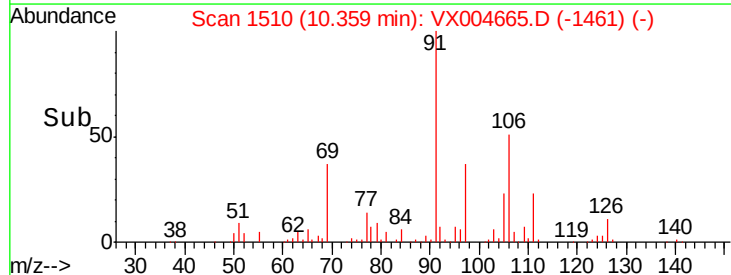
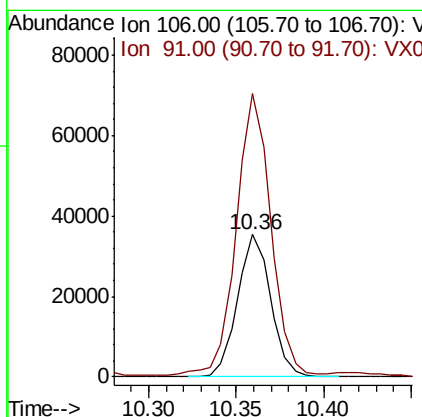
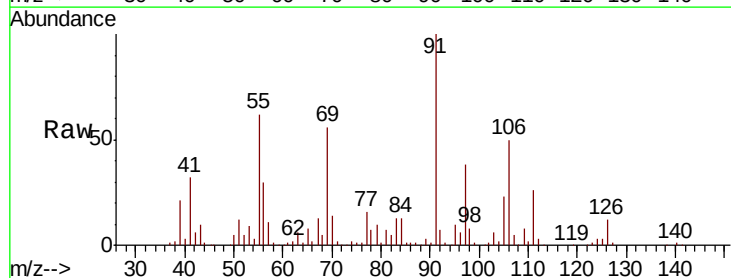
Instrument :
MSVOA_X
ClientSampleId :
SP-PIT-9ME

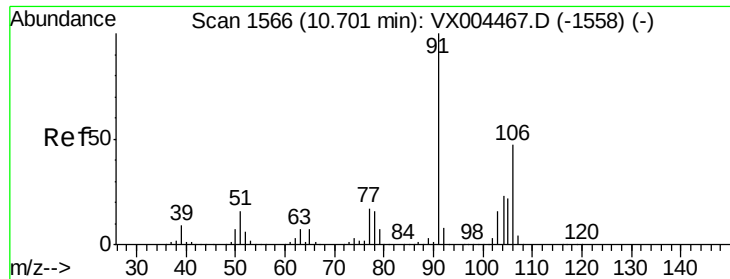
Tgt Ion: 91 Resp: 31000
Ion Ratio Lower Upper
91 100
106 32.7 25.9 38.9



#68
m/p-Xylenes
Concen: 9.501 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX004665.D
Acq: 18 Sep 2018 18:29

Tgt Ion: 106 Resp: 46833
Ion Ratio Lower Upper
106 100
91 203.8 157.1 235.7

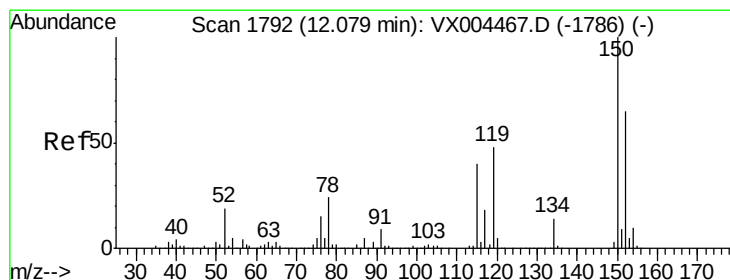
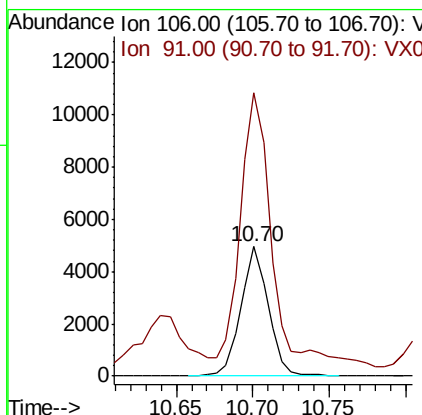
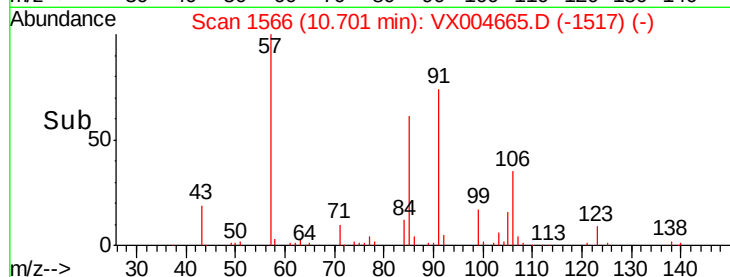
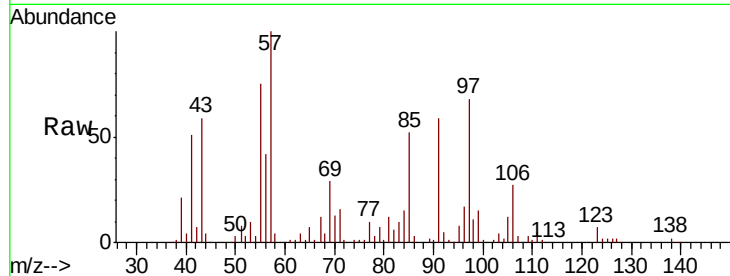




#69
o-Xylene
Concen: 1.307 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004665.D
Acq: 18 Sep 2018 18:29

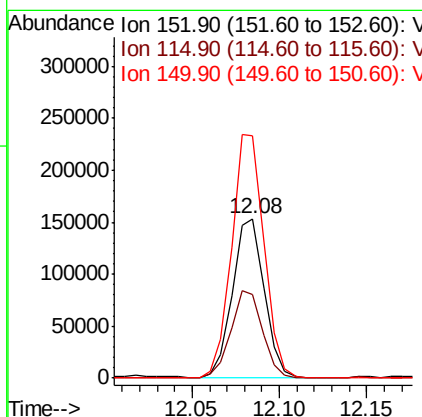
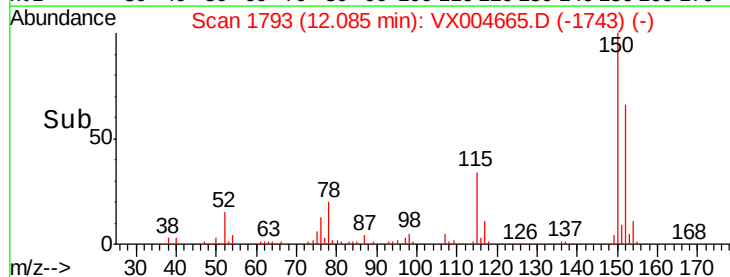
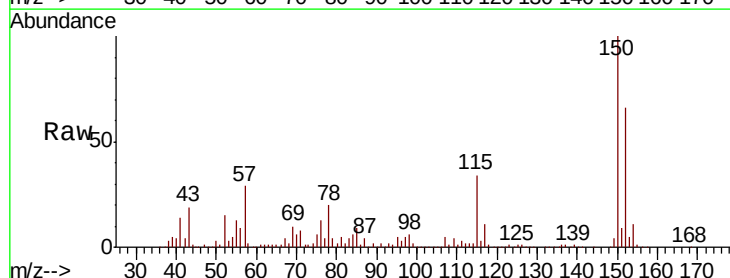
Instrument :
MSVOA_X
ClientSampleId :
SP-PIT-9ME

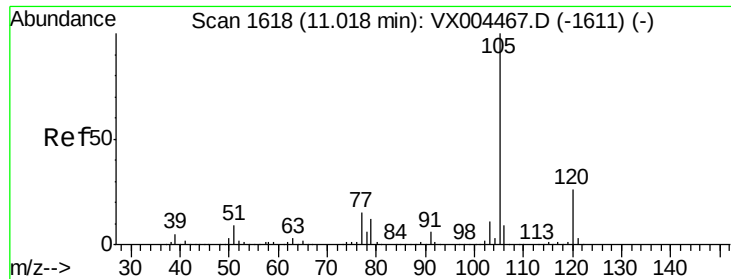
Tgt Ion:106 Resp: 6194
Ion Ratio Lower Upper
106 100
91 243.3 105.1 315.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1793
Delta R.T. 0.01 min
Lab File: VX004665.D
Acq: 18 Sep 2018 18:29

Tgt Ion:152 Resp: 193094
Ion Ratio Lower Upper
152 100
115 54.4 39.0 117.0
150 156.0 0.0 351.0





#73

Isopropylbenzene

Concen: 5.875 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004665.D

Acq: 18 Sep 2018 18:29

Instrument :

MSVOA_X

ClientSampleId :

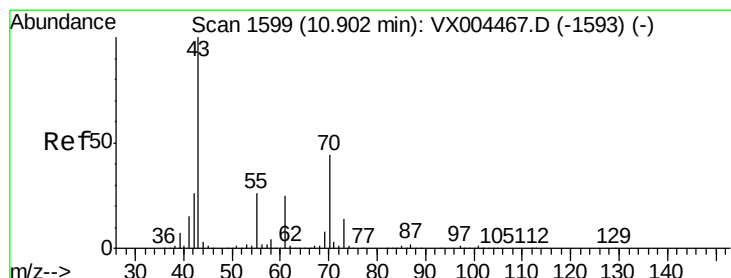
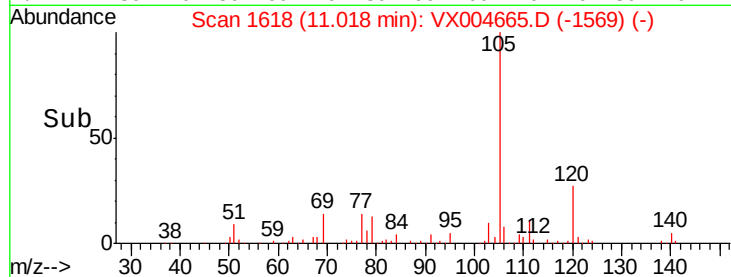
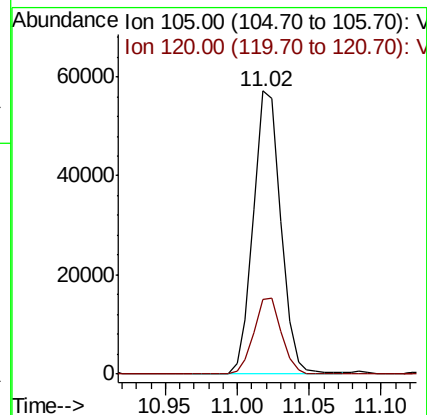
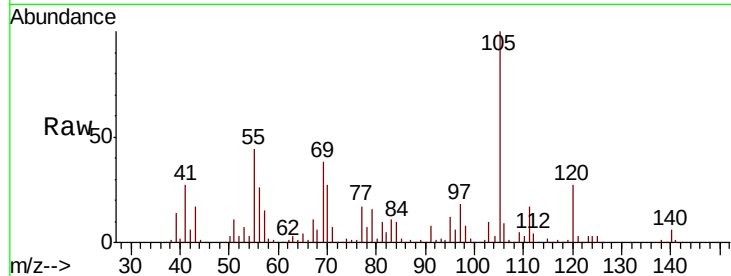
SP-PIT-9ME

Tgt Ion:105 Resp: 74717

Ion Ratio Lower Upper

105 100

120 27.3 13.5 40.4



#74

N-ethyl acetate

Concen: 17.752 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX004665.D

Acq: 18 Sep 2018 18:29

Tgt Ion: 43 Resp: 95020

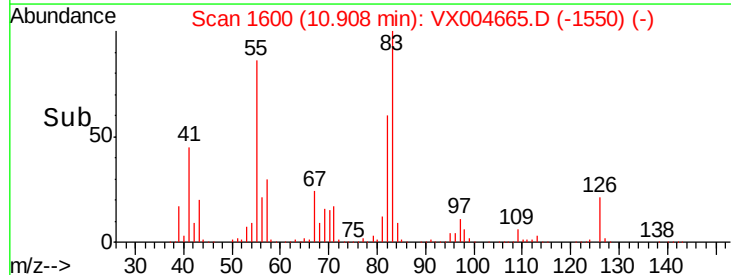
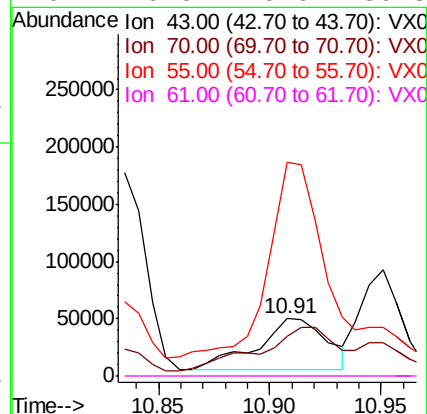
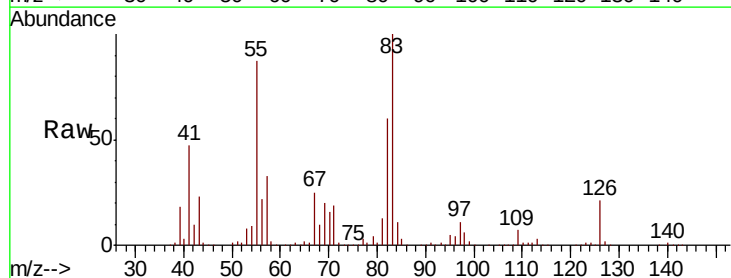
Ion Ratio Lower Upper

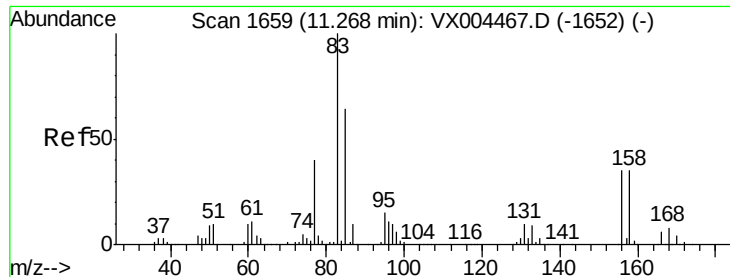
43 100

70 101.3 37.4 56.0#

55 369.4 21.8 32.8#

61 0.0 20.6 30.8#





#75

1,1,2,2-Tetrachloroethane

Concen: 16.236 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX004665.D

Acq: 18 Sep 2018 18:29

Instrument :

MSVOA_X

ClientSampled :

SP-PIT-9ME

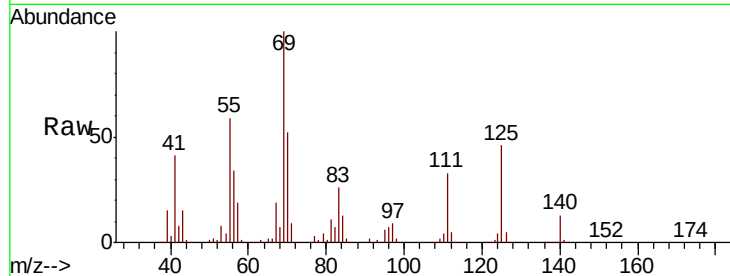
Tgt Ion: 83 Resp: 66600

Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

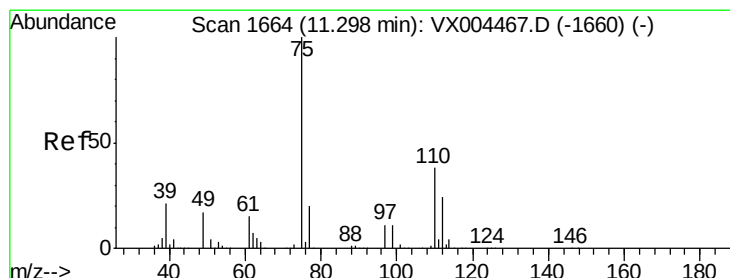
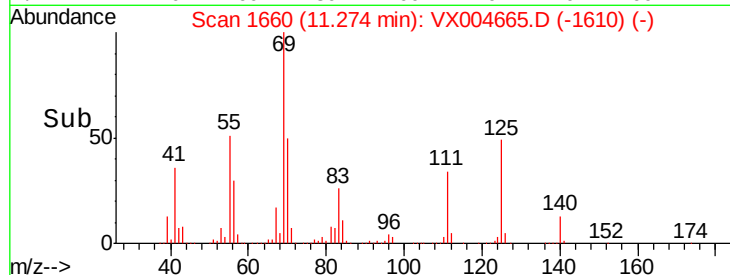
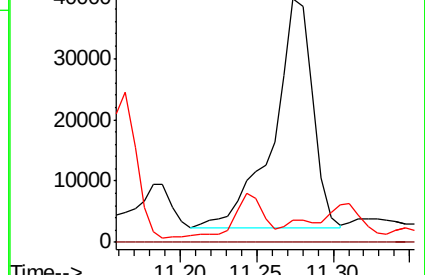
85 0.0 32.3 96.8#



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: 21.550 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX004665.D

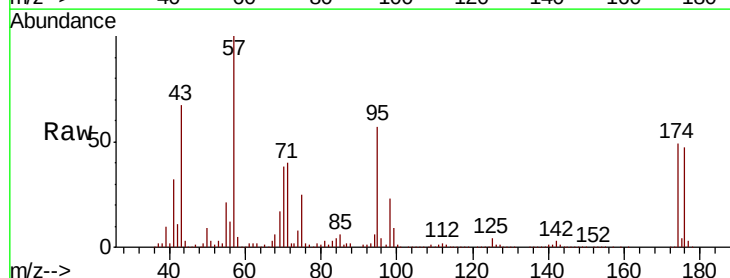
Acq: 18 Sep 2018 18:29

Tgt Ion: 75 Resp: 83719

Ion Ratio Lower Upper

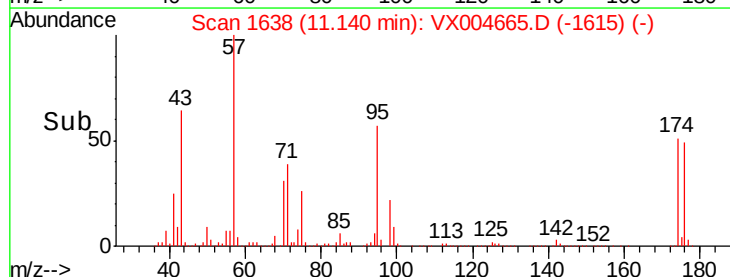
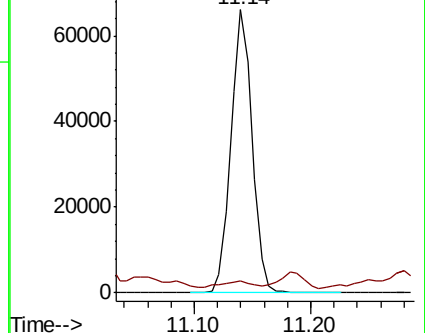
75 100

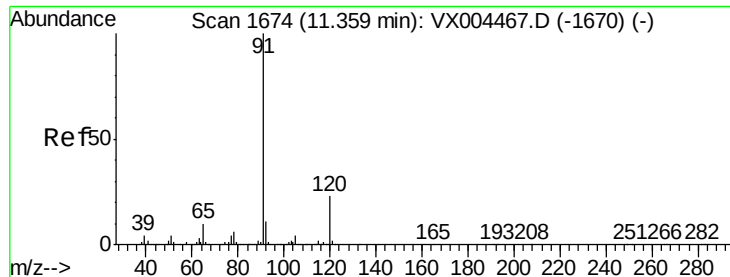
77 3.2 20.2 60.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

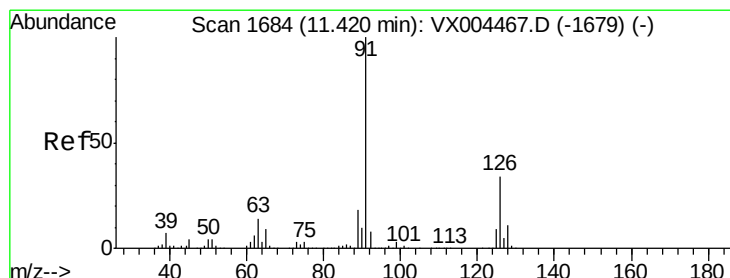
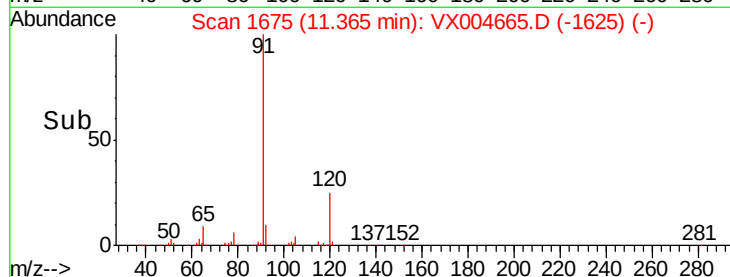
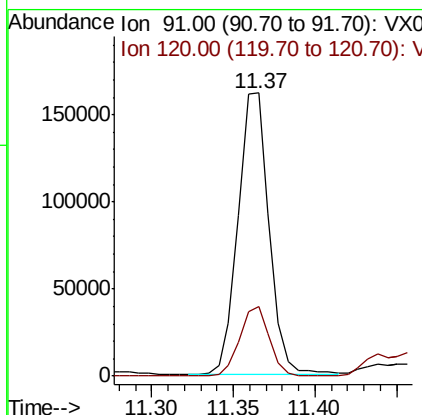
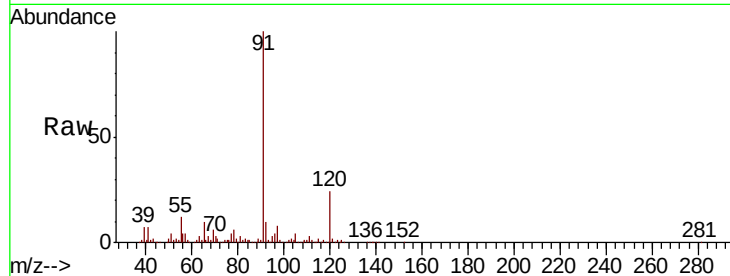




#78
n-propylbenzene
Concen: 14.703 ug/l
RT: 11.37 min Scan# 1675
Delta R.T. 0.01 min
Lab File: VX004665.D
Acq: 18 Sep 2018 18:29

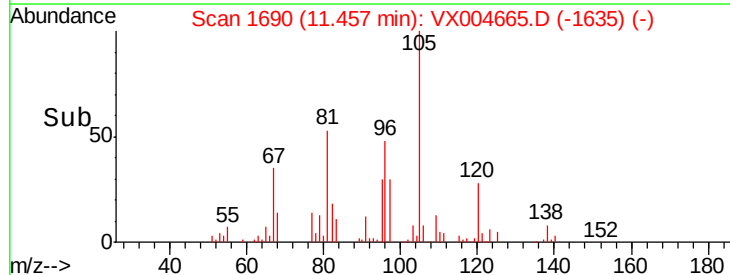
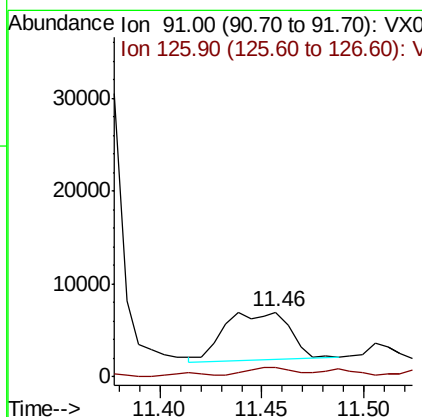
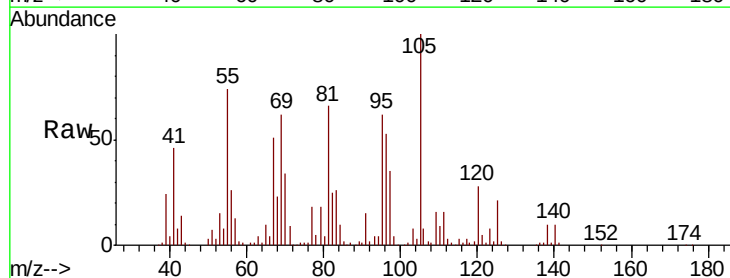
Instrument :
MSVOA_X
ClientSampleId :
SP-PIT-9ME

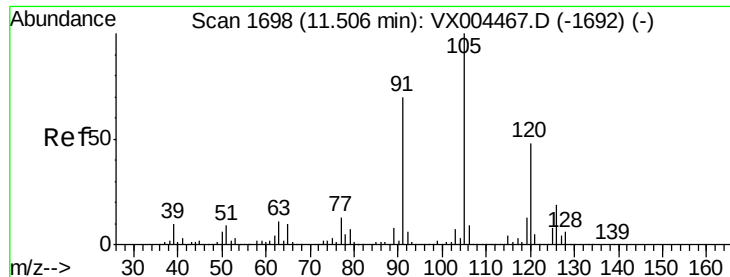
Tgt Ion: 91 Resp: 214983
Ion Ratio Lower Upper
91 100
120 23.5 11.9 35.9



#79
2-Chlorotoluene
Concen: 1.283 ug/l
RT: 11.46 min Scan# 1690
Delta R.T. 0.04 min
Lab File: VX004665.D
Acq: 18 Sep 2018 18:29

Tgt Ion: 91 Resp: 11376
Ion Ratio Lower Upper
91 100
126 10.9 17.9 53.7#

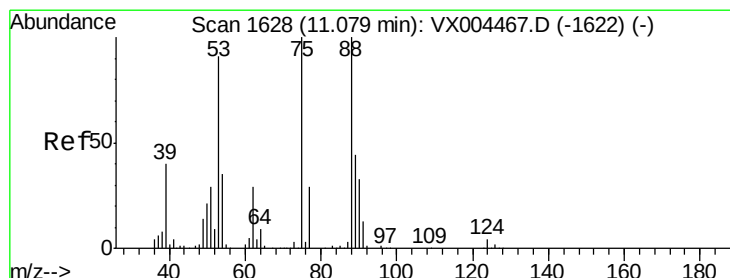
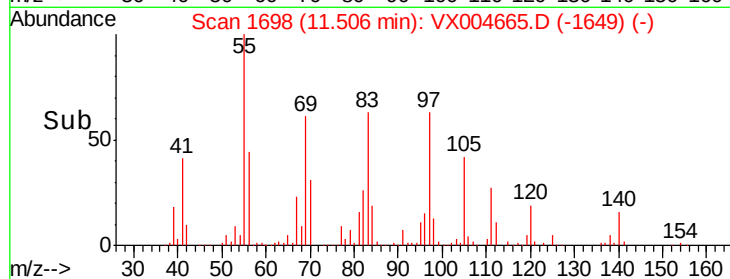
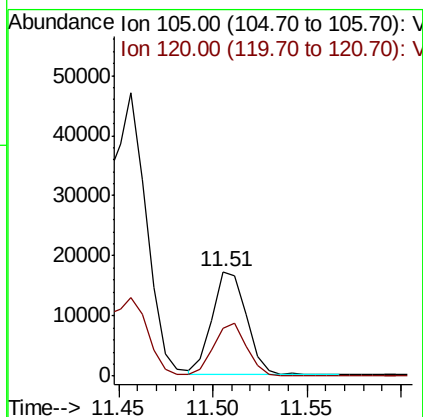
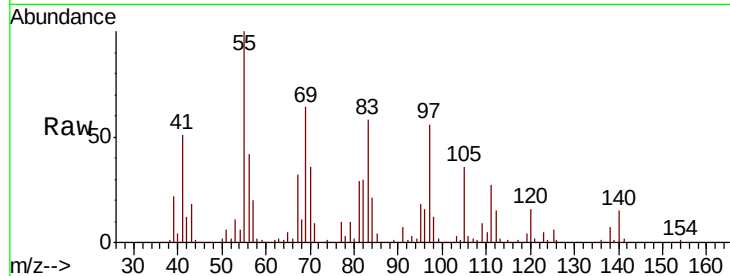




#80
 1,3,5-Trimethylbenzene
 Concen: 2.041 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX004665.D
 Acq: 18 Sep 2018 18:29

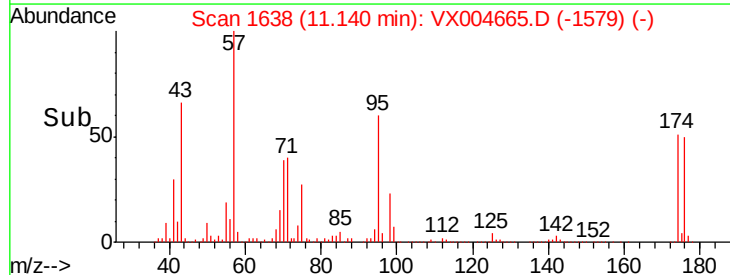
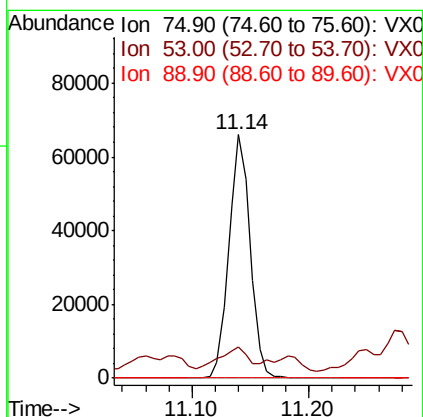
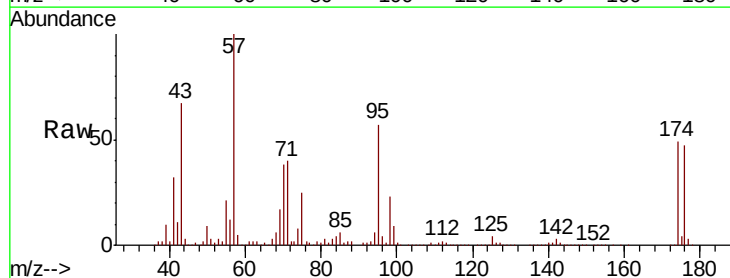
Instrument :
 MSVOA_X
 ClientSampled :
 SP-PIT-9ME

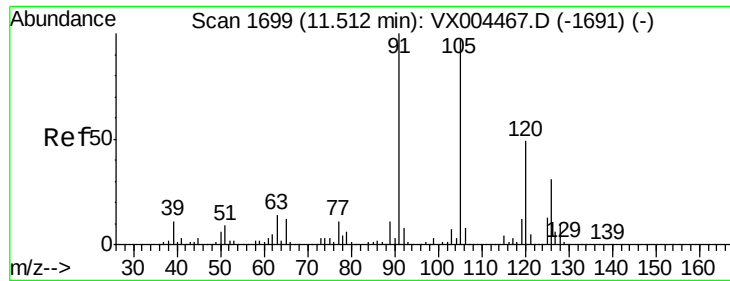
Tgt Ion:105 Resp: 21817
 Ion Ratio Lower Upper
 105 100
 120 49.7 25.6 76.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.690 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.06 min
 Lab File: VX004665.D
 Acq: 18 Sep 2018 18:29

Tgt Ion: 75 Resp: 83719
 Ion Ratio Lower Upper
 75 100
 53 12.7 80.1 120.1#
 89 0.0 37.2 55.8#





#82

4-Chlorotoluene

Concen: 0.819 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. 0.26 min

Lab File: VX004665.D

Acq: 18 Sep 2018 18:29

Instrument :

MSVOA_X

ClientSampleId :

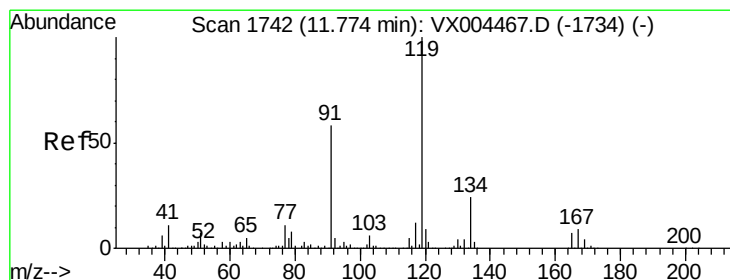
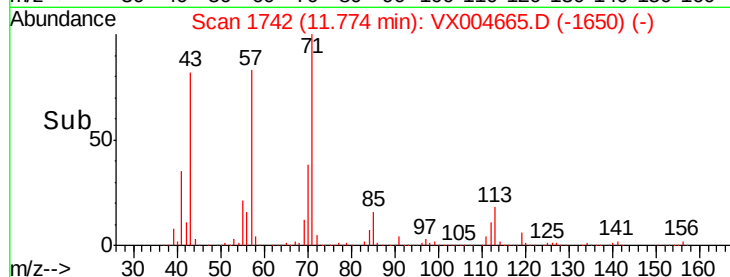
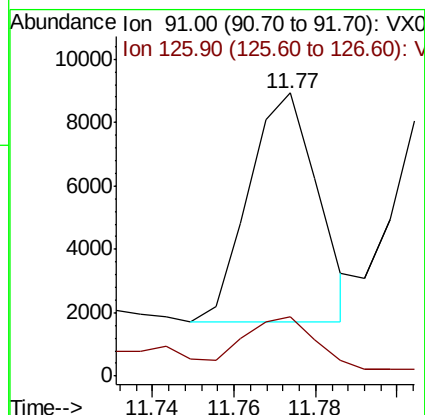
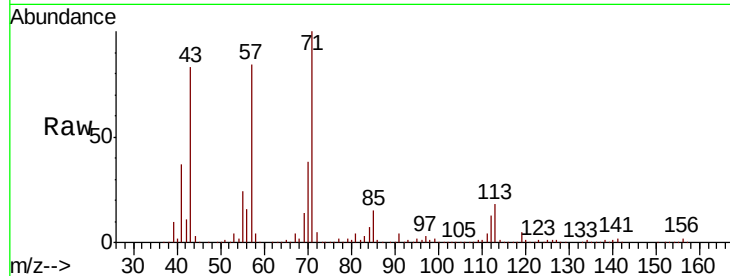
SP-PIT-9ME

Tgt Ion: 91 Resp: 8479

Ion Ratio Lower Upper

91 100

126 17.8 15.5 46.5



#83

tert-Butylbenzene

Concen: 1.514 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX004665.D

Acq: 18 Sep 2018 18:29

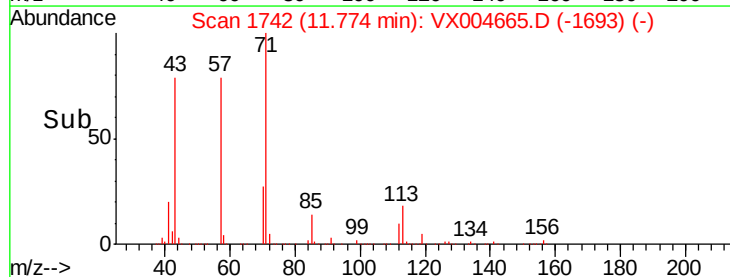
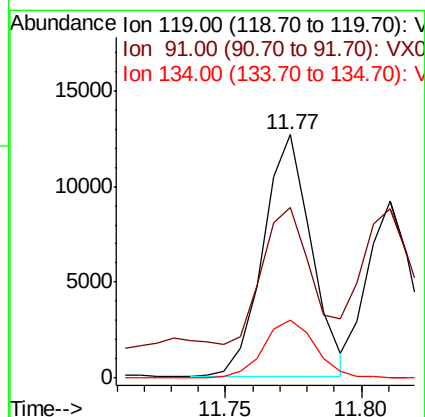
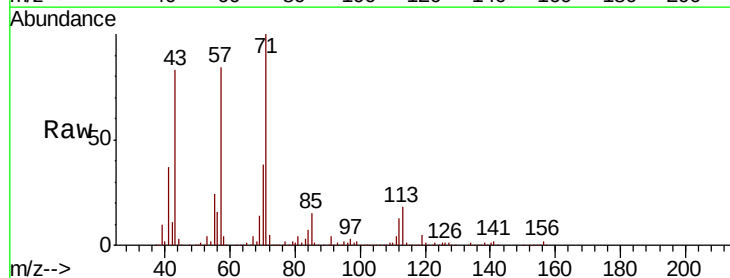
Tgt Ion: 119 Resp: 15408

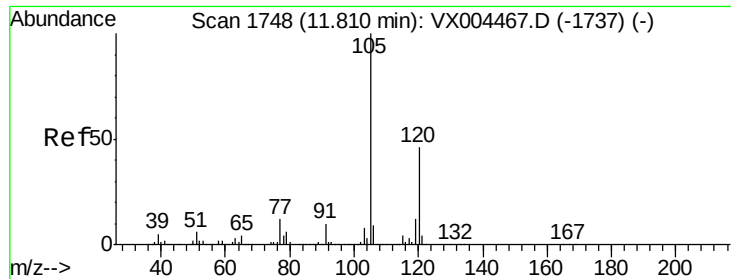
Ion Ratio Lower Upper

119 100

91 58.4 27.0 81.0

134 25.9 11.7 35.1

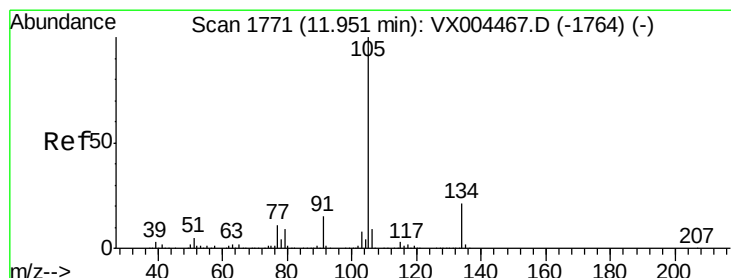
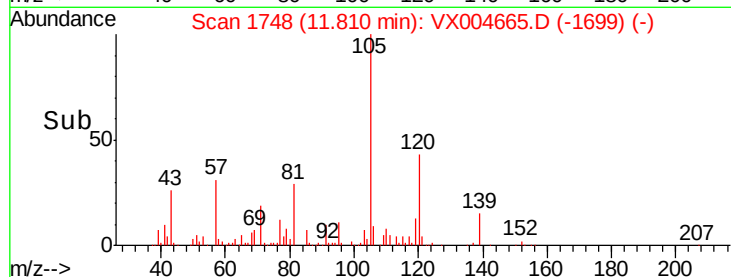
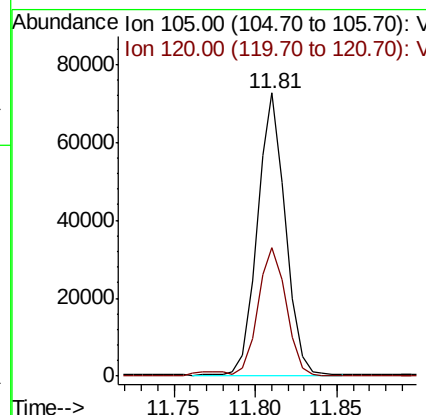
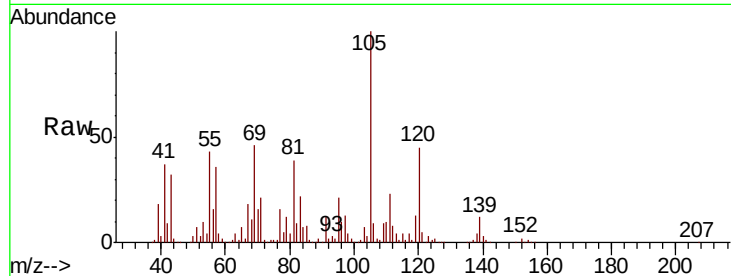




#84
 1,2,4-Trimethylbenzene
 Concen: 7.883 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX004665.D
 Acq: 18 Sep 2018 18:29

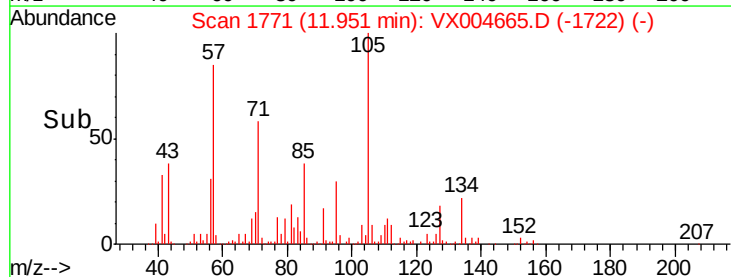
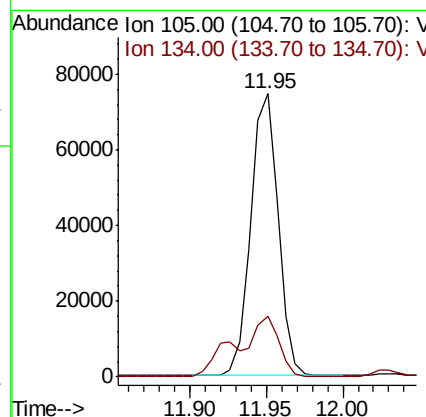
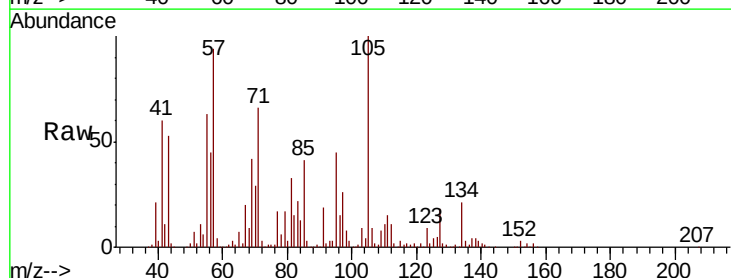
Instrument :
 MSVOA_X
 ClientSampled :
 SP-PIT-9ME

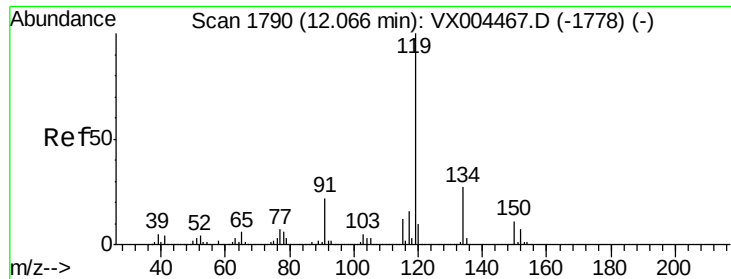
Tgt Ion:105 Resp: 86038
 Ion Ratio Lower Upper
 105 100
 120 45.7 23.2 69.6



#85
 sec-Butylbenzene
 Concen: 7.166 ug/l
 RT: 11.95 min Scan# 1771
 Delta R.T. -0.00 min
 Lab File: VX004665.D
 Acq: 18 Sep 2018 18:29

Tgt Ion:105 Resp: 92939
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.5 31.5

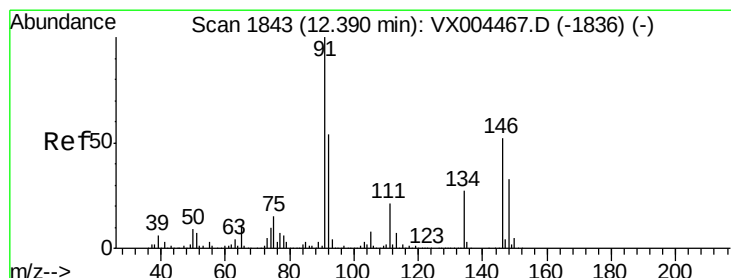
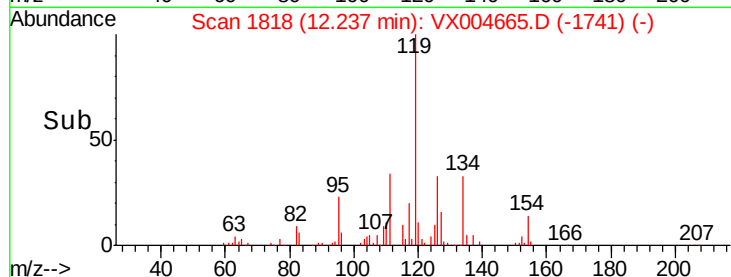
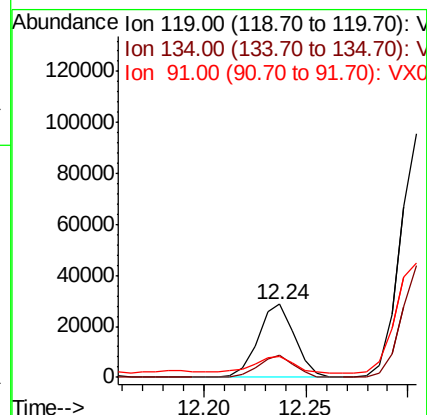
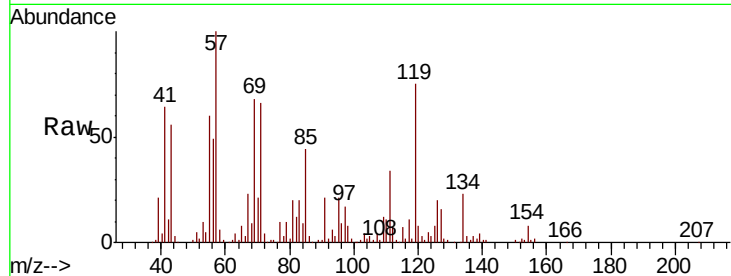




#86
 p-Isopropyltoluene
 Concen: 3.074 ug/l
 RT: 12.24 min Scan# 1818
 Delta R.T. 0.17 min
 Lab File: VX004665.D
 Acq: 18 Sep 2018 18:29

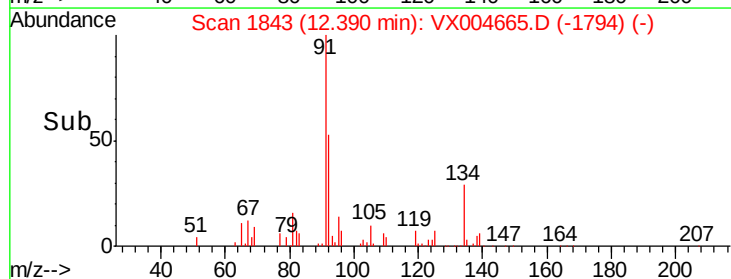
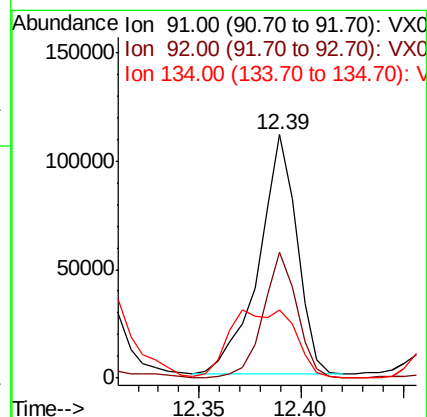
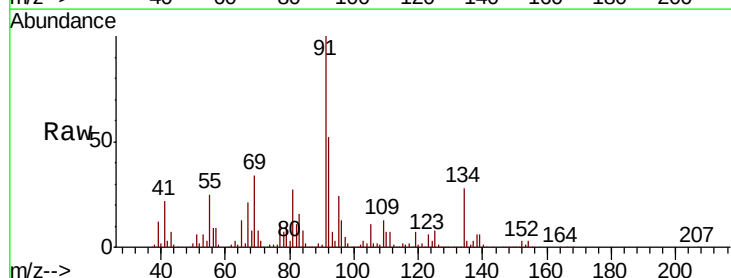
Instrument :
 MSVOA_X
 ClientSampleId :
 SP-PIT-9ME

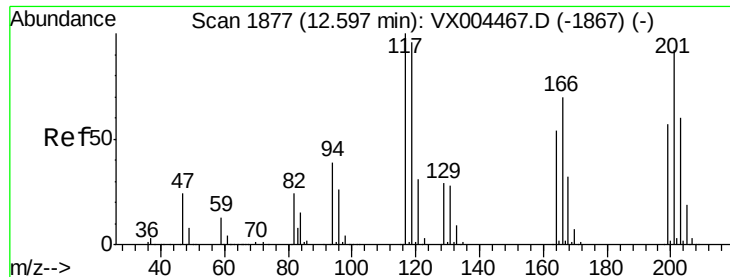
Tgt Ion: 119 Resp: 35211
 Ion Ratio Lower Upper
 119 100
 134 29.5 13.4 40.2
 91 27.2 10.9 32.7



#89
 n-Butylbenzene
 Concen: 13.888 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX004665.D
 Acq: 18 Sep 2018 18:29

Tgt Ion: 91 Resp: 144945
 Ion Ratio Lower Upper
 91 100
 92 45.6 27.3 81.9
 134 47.7 13.6 40.7#





#90

Hexachloroethane

Concen: 19.306 ug/l

RT: 12.67 min Scan# 1889

Delta R.T. 0.07 min

Lab File: VX004665.D

Acq: 18 Sep 2018 18:29

Instrument :

MSVOA_X

ClientSampleId :

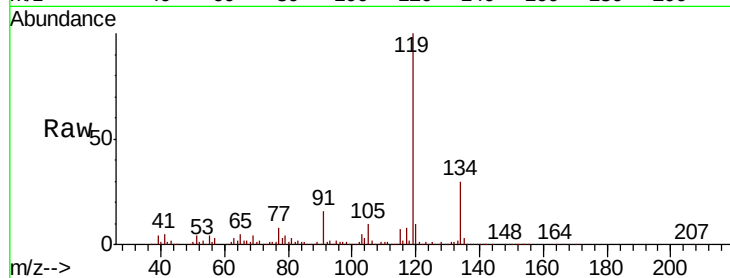
SP-PIT-9ME

Tgt Ion:117 Resp: 35399

Ion Ratio Lower Upper

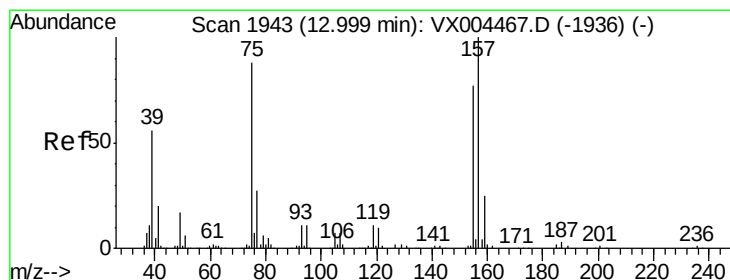
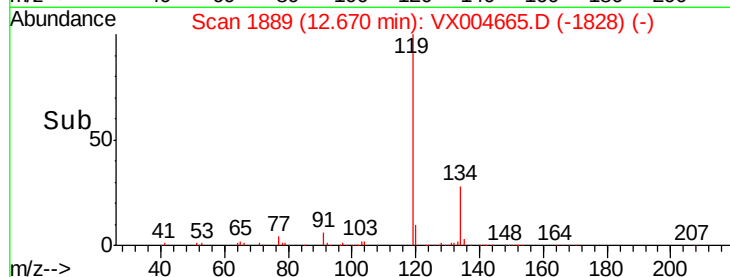
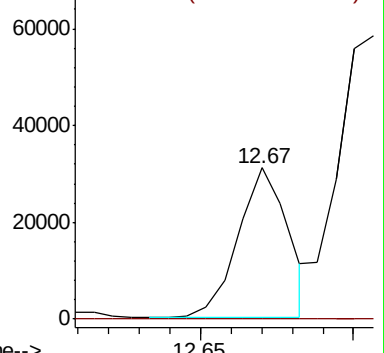
117 100

201 0.0 46.9 140.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.640 ug/l

RT: 12.98 min Scan# 1940

Delta R.T. -0.02 min

Lab File: VX004665.D

Acq: 18 Sep 2018 18:29

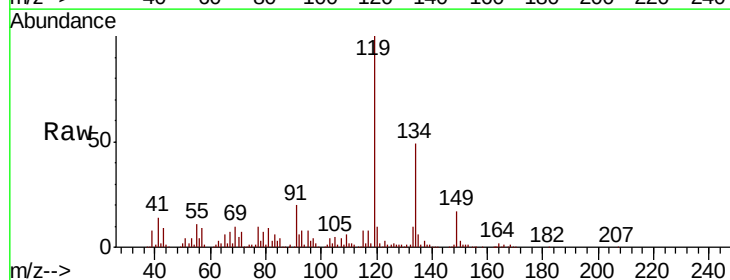
Tgt Ion: 75 Resp: 1436

Ion Ratio Lower Upper

75 100

155 38.1 48.0 144.2#

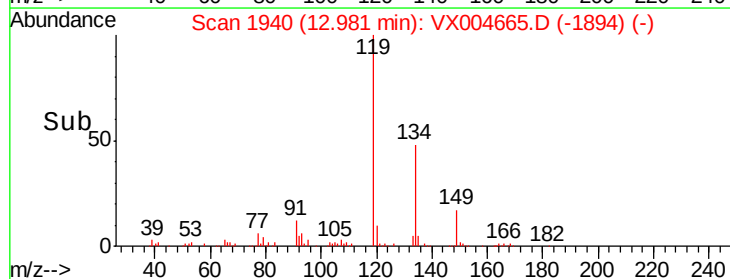
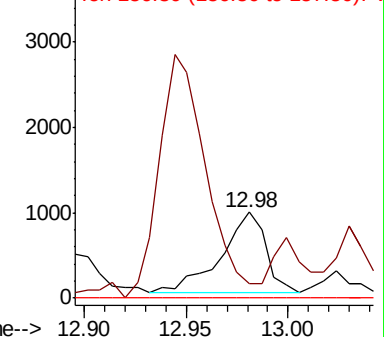
157 0.0 61.4 184.1#

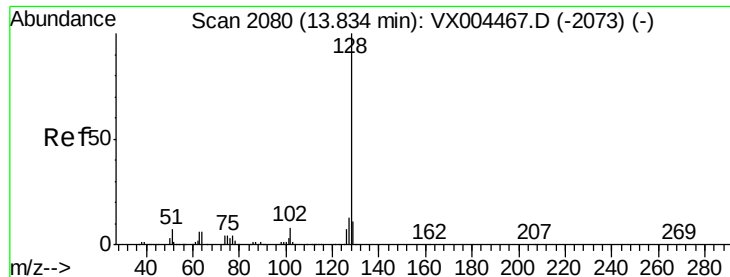


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

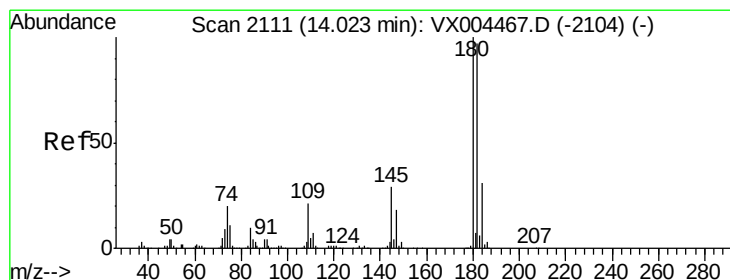
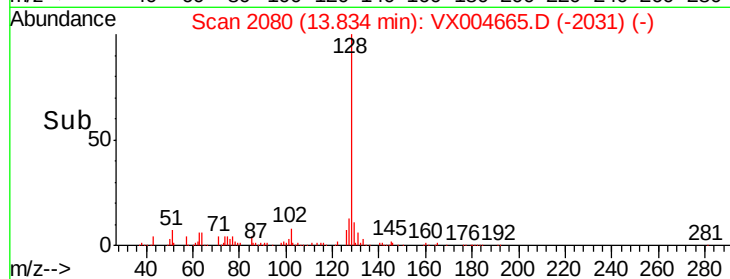
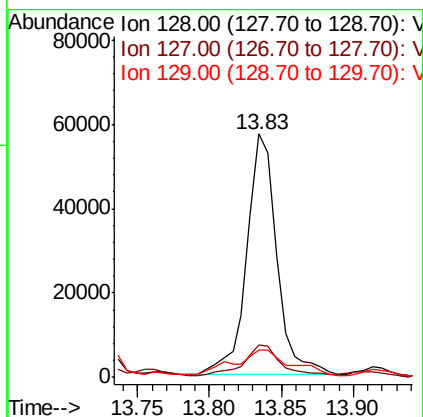
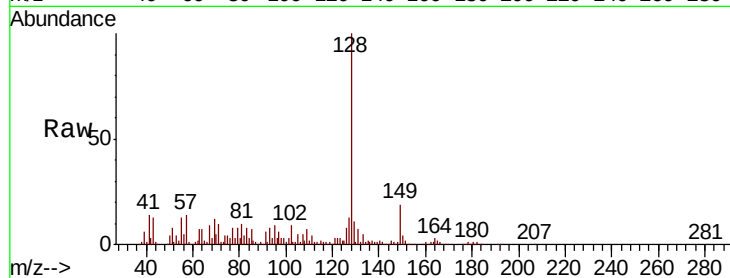




#95
Naphthalene
Concen: 6.238 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX004665.D
Acq: 18 Sep 2018 18:29

Instrument :
MSVOA_X
ClientSampleId :
SP-PIT-9ME

Tgt Ion	Ratio	Lower	Upper
128	100		
127	15.5	10.2	15.2#
129	19.6	8.6	12.8#



#96
1,2,3-Trichlorobenzene
Concen: 0.309 ug/l
RT: 14.04 min Scan# 2114
Delta R.T. 0.02 min
Lab File: VX004665.D
Acq: 18 Sep 2018 18:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	32.1	48.5	145.6#
145	3110.2	14.9	44.9#

