

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022119\
 Data File : VX007644.D
 Acq On : 21 Feb 2019 21:09
 Operator : JC/SP
 Sample : K1544-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-2

Quant Time: Feb 22 04:36:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	468597	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	744114	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	708720	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	370021	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	258843	52.04	ug/l	0.00
Spiked Amount			Recovery	=	104.08%	
35) Dibromofluoromethane	5.50	113	244443	50.49	ug/l	0.00
Spiked Amount			Recovery	=	100.98%	
50) Toluene-d8	8.71	98	892869	49.70	ug/l	0.00
Spiked Amount			Recovery	=	99.40%	
62) 4-Bromofluorobenzene	11.13	95	336993	51.38	ug/l	0.00
Spiked Amount			Recovery	=	102.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	993	Below Cal	#	40
8) Diethyl Ether	2.19	74	4215	1.383	ug/l #	4
11) Tert butyl alcohol	3.07	59	91562	88.953	ug/l	98
13) Acrolein	2.31	56	27656	57.297	ug/l	94
14) Allyl chloride	2.78	41	15581	2.137	ug/l #	29
16) Acetone	2.45	43	116419	51.098	ug/l #	80
17) Carbon Disulfide	2.57	76	2921	2.360	ug/l #	89
18) Methyl Acetate	2.78	43	1187590	198.276	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	3673	0.253	ug/l #	1
22) Diisopropyl ether	4.04	45	159723	11.911	ug/l #	1
23) Vinyl Acetate	4.04	43	382252	34.352	ug/l #	72
25) 2-Butanone	4.70	43	236711	73.005	ug/l	99
29) Tetrahydrofuran	5.16	42	558	0.274	ug/l #	25
31) Cyclohexane	5.59	56	13705	1.982	ug/l	97
36) 1,1-Dichloropropene	5.66	75	29541	4.425	ug/l #	50
37) Ethyl Acetate	4.85	43	164578	24.385	ug/l	99
38) Carbon Tetrachloride	5.67	117	41929	6.473	ug/l #	17
39) Methylcyclohexane	7.46	83	12165	1.506	ug/l	95
40) Benzene	6.15	78	876744	44.580	ug/l	99
42) 1,2-Dichloroethane	6.15	62	7340	1.079	ug/l #	74
43) Isopropyl Acetate	6.46	43	3816	0.366	ug/l #	83
48) Methyl methacrylate	7.73	41	13512	2.593	ug/l #	13
49) 1,4-Dioxane	7.75	88	4278	42.731	ug/l #	25
51) 4-Methyl-2-Pentanone	8.65	43	5822	0.849	ug/l	98
52) Toluene	8.78	92	548916	43.260	ug/l	99
59) 2-Hexanone	9.50	43	4580	0.858	ug/l	98
67) Ethyl Benzene	10.25	91	125330	5.032	ug/l	99
68) m/p-Xylenes	10.35	106	264169	26.683	ug/l	99
69) o-Xylene	10.70	106	81977	8.605	ug/l	99
70) Styrene	10.71	104	48963	3.169	ug/l #	82
73) Isopropylbenzene	11.02	105	12270	0.488	ug/l	89
74) N-amyl acetate	10.81	43	12501	1.285	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.21	83	421307	54.978	ug/l #	32
76) 1,2,3-Trichloropropane	11.13	75	164536	22.861	ug/l #	34

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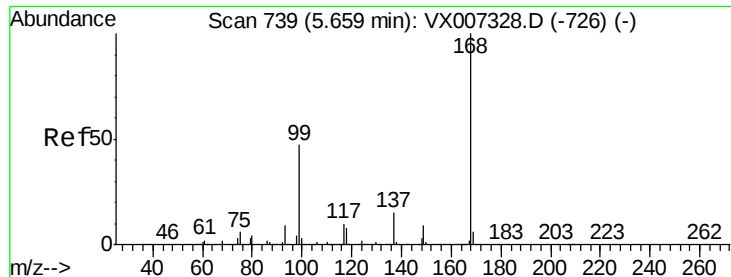
Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-2

Quant Time: Feb 22 04:36:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

78) n-propylbenzene	11.36	91	30953	1.123	ug/l	100
79) 2-Chlorotoluene	11.43	91	17835	1.066	ug/l #	43
80) 1,3,5-Trimethylbenzene	11.51	105	59003	2.868	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	164536	68.913	ug/l #	13
82) 4-Chlorotoluene	11.51	91	6119	0.316	ug/l #	47
84) 1,2,4-Trimethylbenzene	11.80	105	221196	10.591	ug/l	94
85) sec-Butylbenzene	11.80	105	221196	8.973	ug/l #	55
86) p-Isopropyltoluene	12.02	119	9176	0.412	ug/l	93
89) n-Butylbenzene	12.38	91	11691	0.611	ug/l #	40
90) Hexachloroethane	12.61	117	3067	0.921	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.00	75	716	0.449	ug/l #	17
95) Naphthalene	13.83	128	3443622	137.997	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	6776	0.789	ug/l #	35

(#) = 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: VX007644.D

Acq: 21 Feb 2019 21:09

Instrument :

MSVOA_X

ClientSampled :

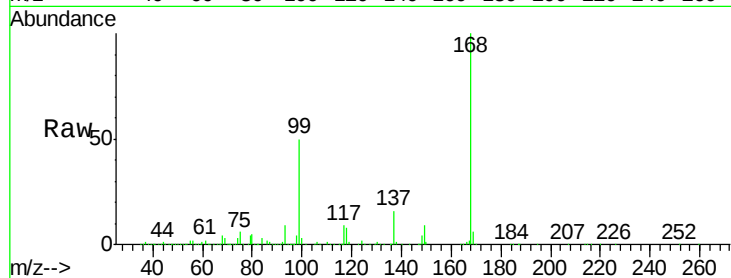
COMP-2

Tot Ion:168 Resp: 468597

Ion Ratio Lower Upper

168 100

99 50.0 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

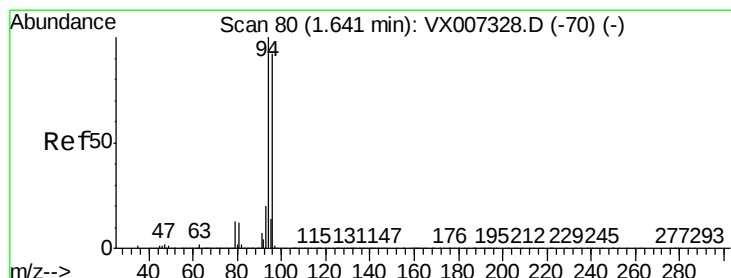
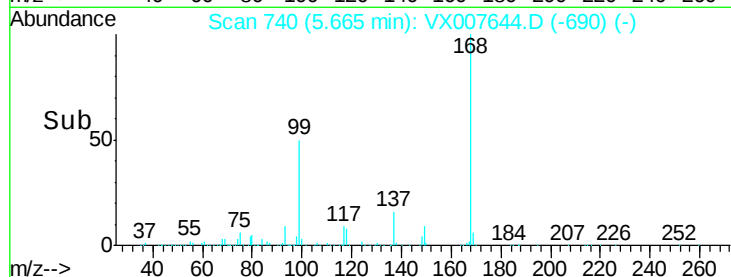
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007644.D

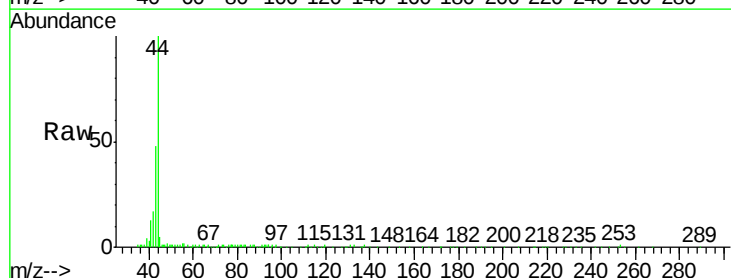
Acq: 21 Feb 2019 21:09

Tgt Ion: 94 Resp: 993

Ion Ratio Lower Upper

94 100

96 35.0 73.9 110.9#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

600

500

400

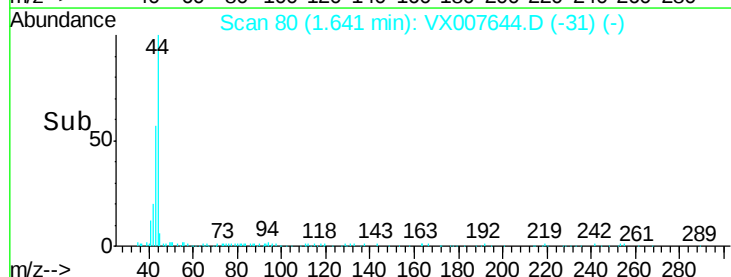
300

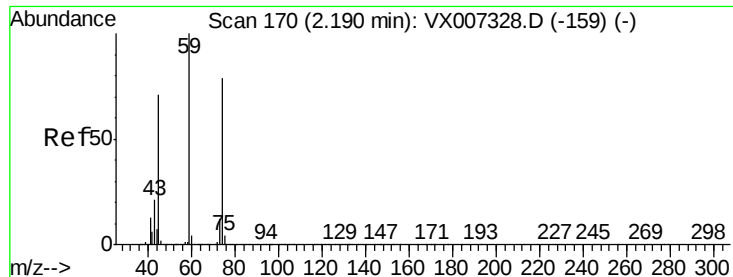
200

100

0

Time--> 1.60 1.65





#8

Diethyl Ether

Concen: 1.383 ug/l

RT: 2.19 min Scan# 170

Delta R.T. -0.00 min

Lab File: VX007644.D

Acq: 21 Feb 2019 21:09

Instrument :

MSVOA_X

ClientSampleId :

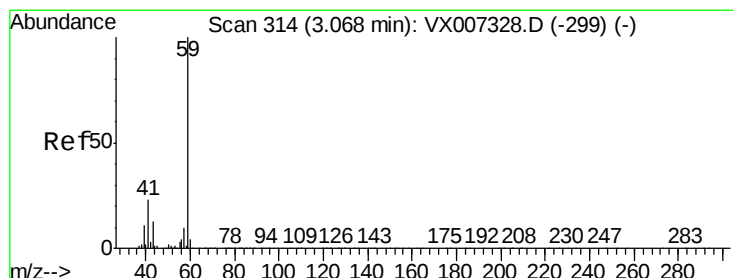
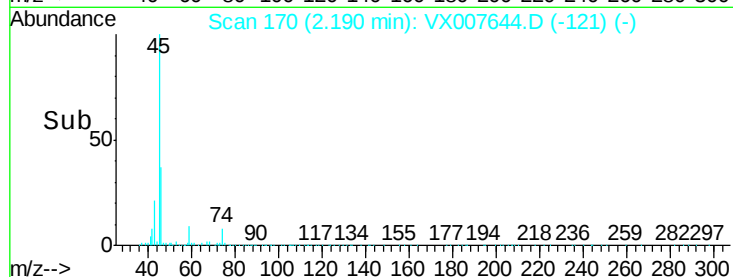
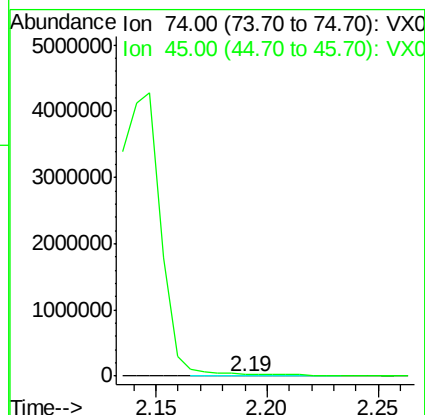
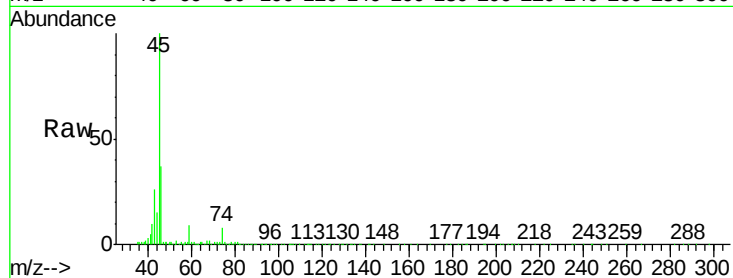
COMP-2

Tot Ion: 74 Resp: 4215

Ion Ratio Lower Upper

74 100

45 0.0 45.7 137.1#



#11

Tert butyl alcohol

Concen: 88.953 ug/l

RT: 3.07 min Scan# 314

Delta R.T. -0.00 min

Lab File: VX007644.D

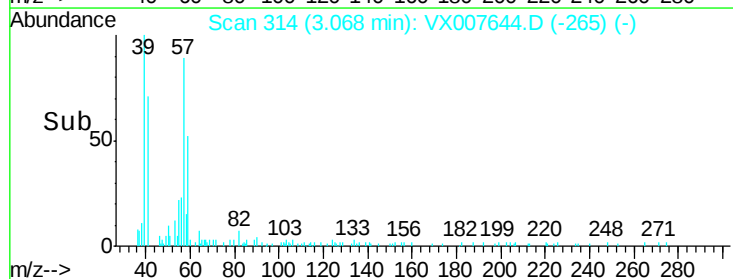
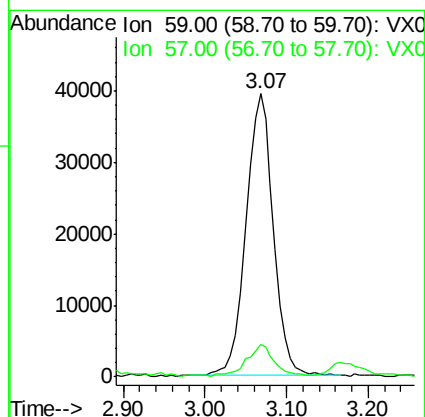
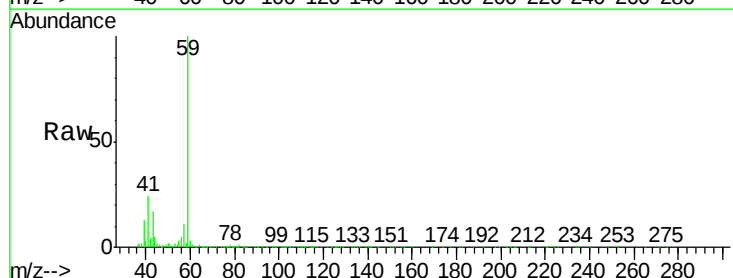
Acq: 21 Feb 2019 21:09

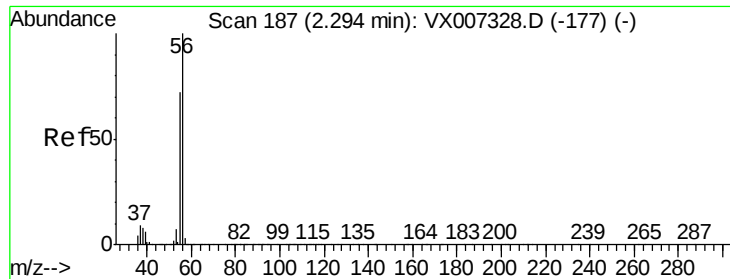
Tgt Ion: 59 Resp: 91562

Ion Ratio Lower Upper

59 100

57 10.8 8.1 12.1





#13

Acrolein

Concen: 57.297 ug/l

RT: 2.31 min Scan# 189

Delta R.T. 0.01 min

Lab File: VX007644.D

Acq: 21 Feb 2019 21:09

Instrument :

MSVOA_X

ClientSampleId :

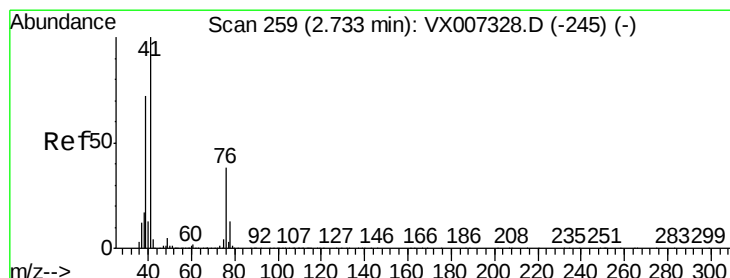
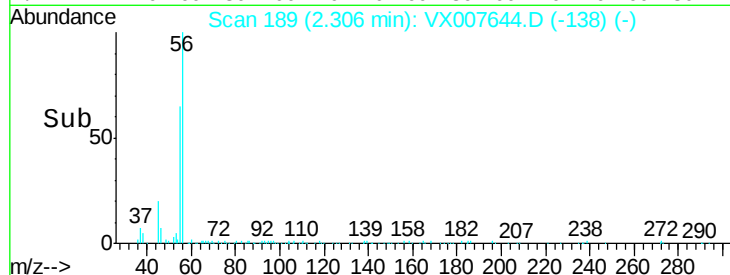
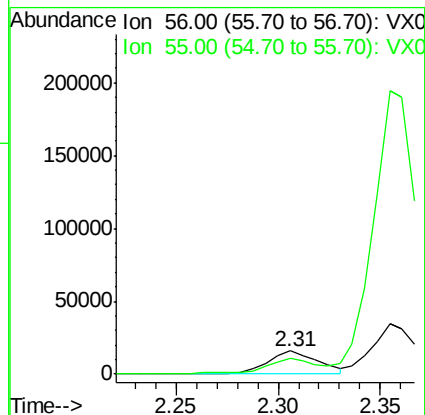
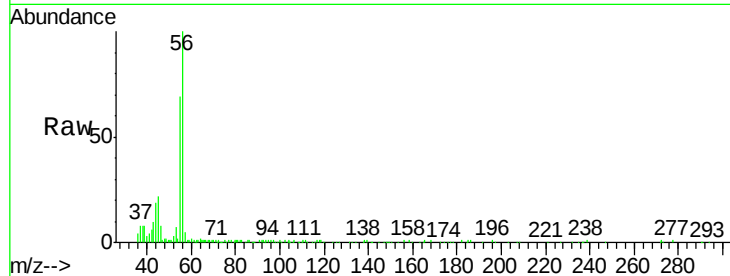
COMP-2

Tot Ion: 56 Resp: 27656

Ion Ratio Lower Upper

56 100

55 65.9 56.9 85.3



#14

Allyl chloride

Concen: 2.137 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.05 min

Lab File: VX007644.D

Acq: 21 Feb 2019 21:09

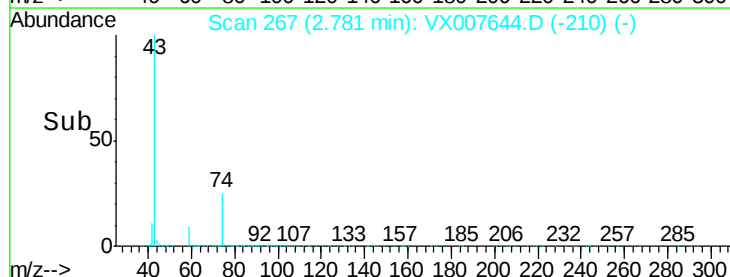
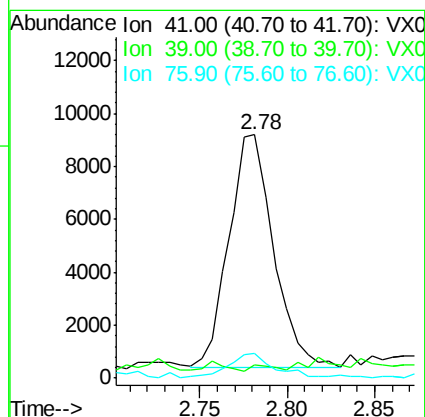
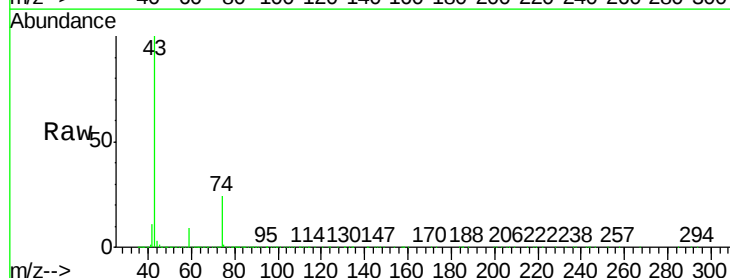
Tgt Ion: 41 Resp: 15581

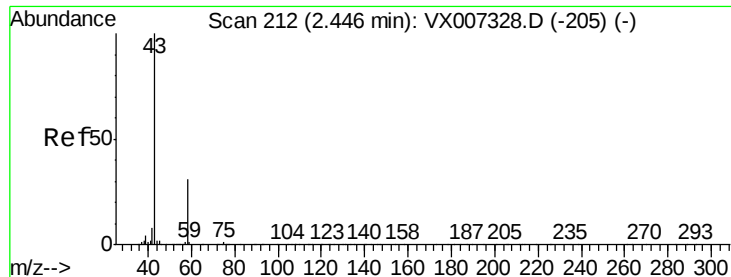
Ion Ratio Lower Upper

41 100

39 0.0 54.1 81.1#

76 8.6 27.8 41.8#





#16

Acetone

Concen: 51.098 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007644.D

Acq: 21 Feb 2019 21:09

Instrument :

MSVOA_X

ClientSampled :

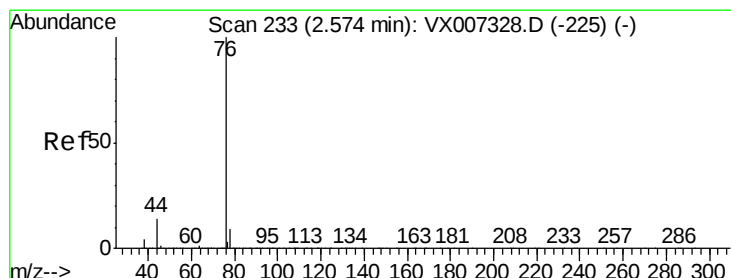
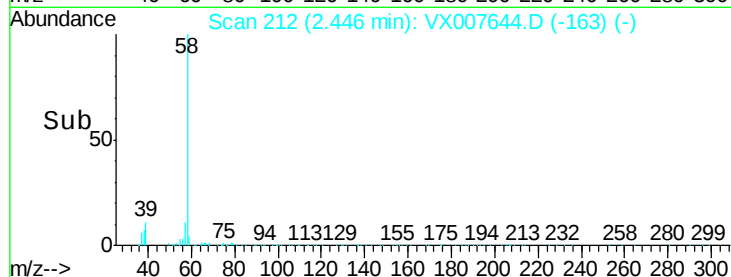
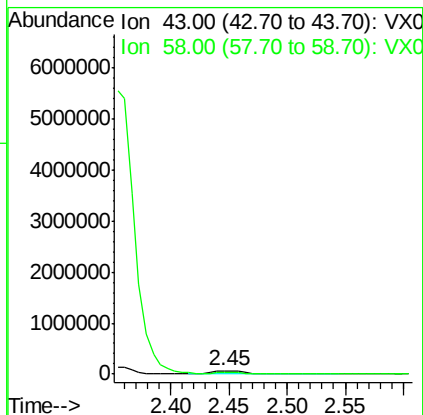
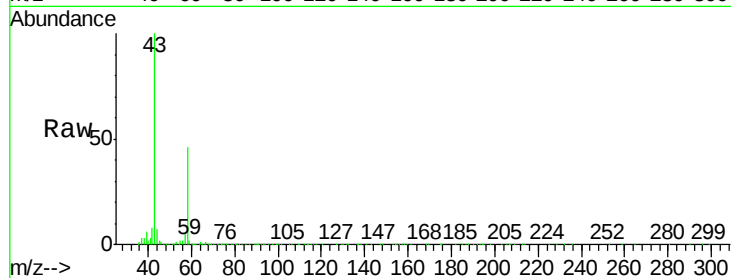
COMP-2

Tot Ion: 43 Resp: 116419

Ion Ratio Lower Upper

43 100

58 42.4 24.9 37.3#



#17

Carbon Disulfide

Concen: 2.360 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX007644.D

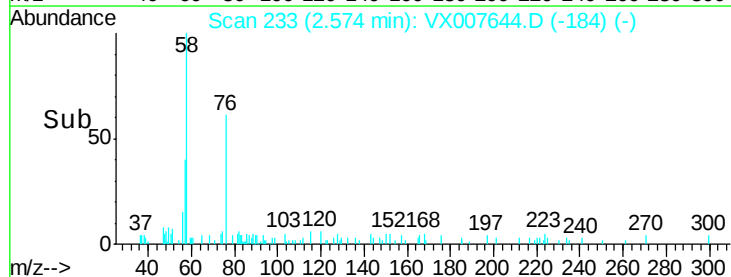
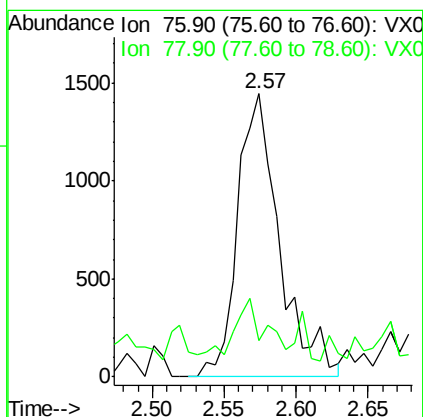
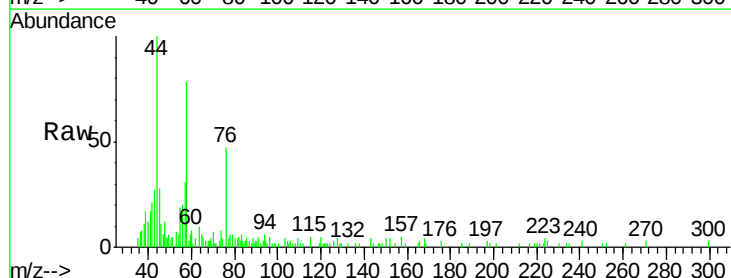
Acq: 21 Feb 2019 21:09

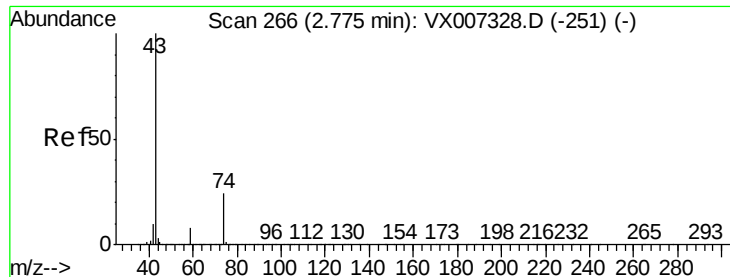
Tgt Ion: 76 Resp: 2921

Ion Ratio Lower Upper

76 100

78 4.8 7.1 10.7#

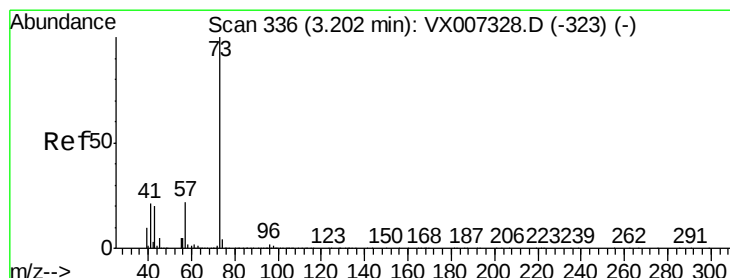
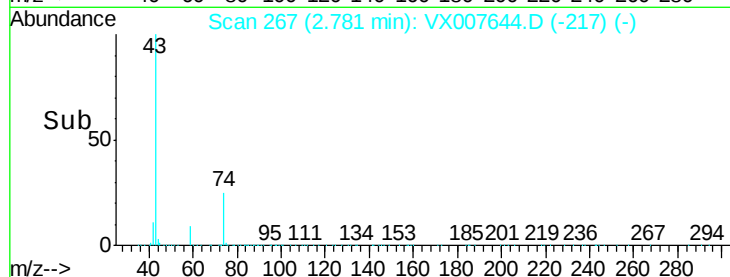
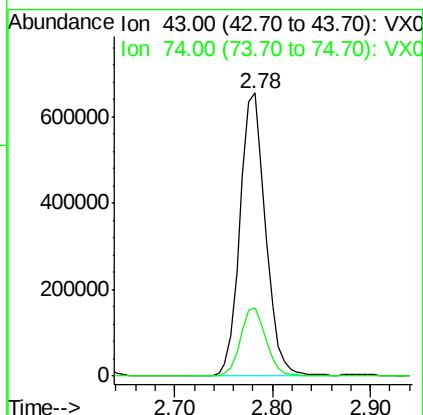
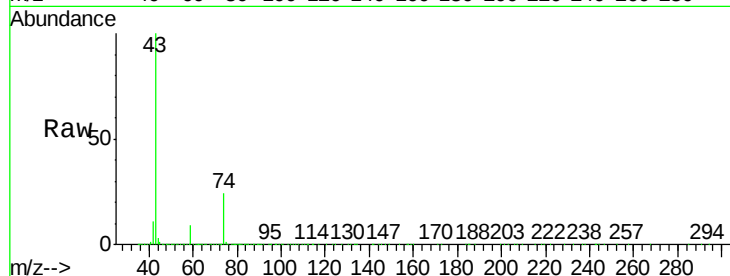




#18
Methyl Acetate
Concen: 198.276 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX007644.D
Acq: 21 Feb 2019 21:09

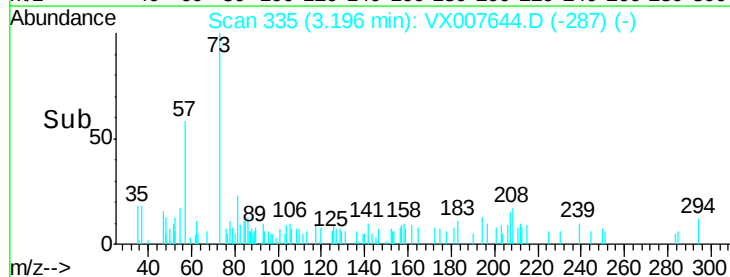
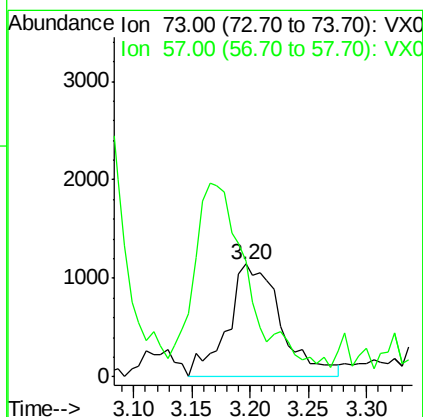
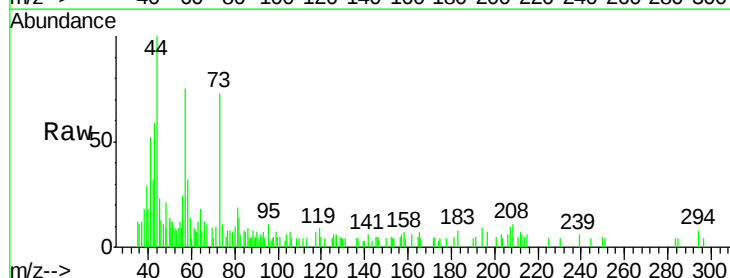
Instrument :
MSVOA_X
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COMP-2

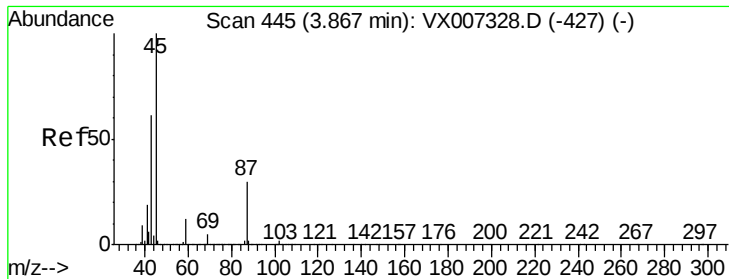
Tot Ion: 43 Resp: 1187590
Ion Ratio Lower Upper
43 100
74 24.3 19.4 29.2



#19
Methyl tert-butyl Ether
Concen: 0.253 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.01 min
Lab File: VX007644.D
Acq: 21 Feb 2019 21:09

Tgt Ion: 73 Resp: 3673
Ion Ratio Lower Upper
73 100
57 79.4 17.8 26.8#



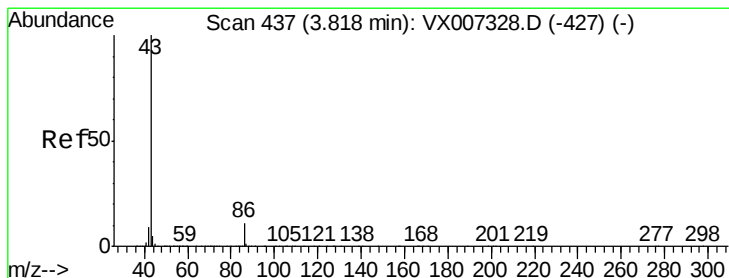
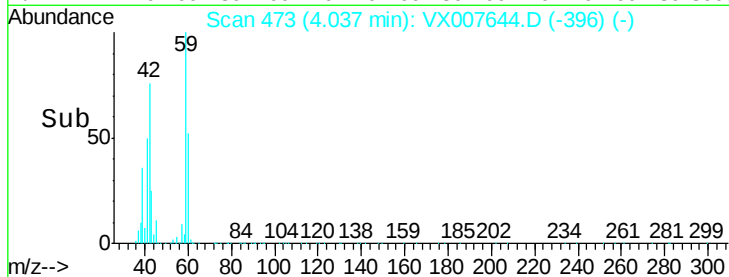
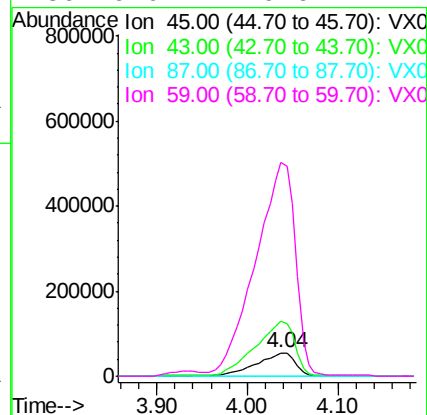
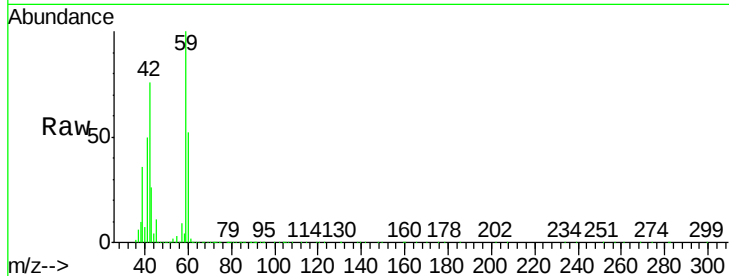


#22

Diisopropyl ether
Concen: 11.911 ug/l
RT: 4.04 min Scan# 473
Delta R.T. 0.17 min
Lab File: VX007644.D
Acq: 21 Feb 2019 21:09

Instrument :
MSVOA_X
ClientSampleId :
COMP-2

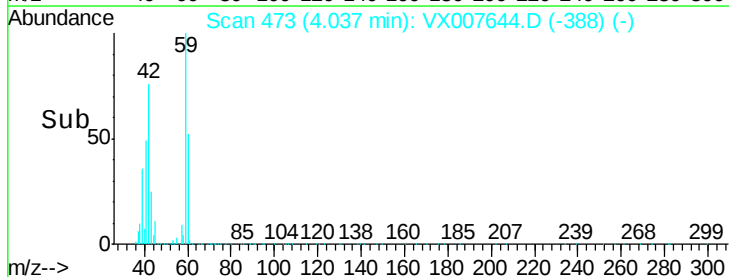
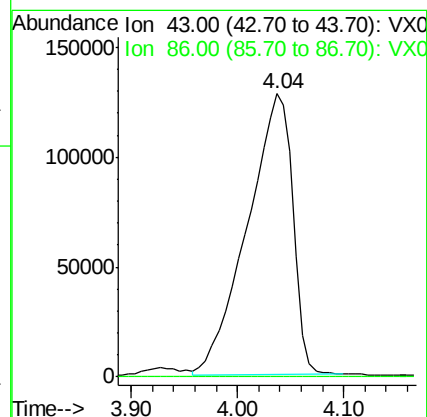
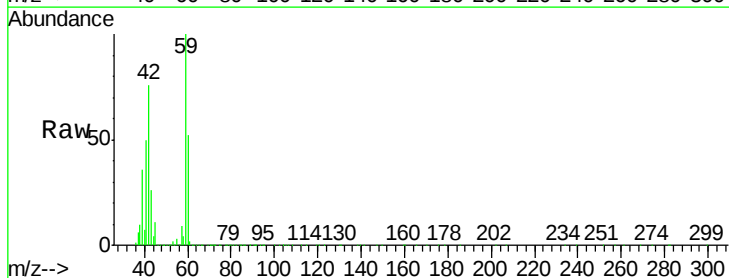
Tot Ion:	45	Resp:	159723
Ion	Ratio	Lower	Upper
45	100		
43	234.6	48.9	73.3#
87	0.0	23.9	35.9#
59	920.1	9.6	14.4#

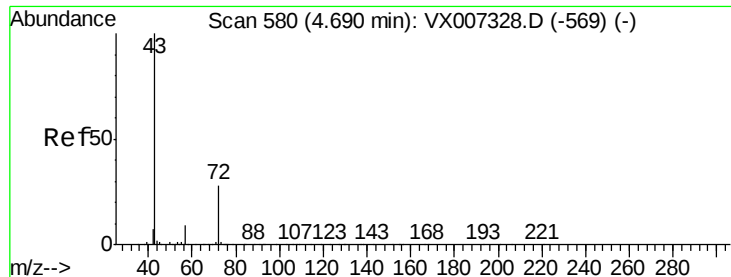


#23

Vinyl Acetate
Concen: 34.352 ug/l
RT: 4.04 min Scan# 473
Delta R.T. 0.22 min
Lab File: VX007644.D
Acq: 21 Feb 2019 21:09

Tgt Ion:	43	Resp:	382252
Ion	Ratio	Lower	Upper
43	100		
86	0.1	8.7	13.1#





#25

2-Butanone

Concen: 73.005 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007644.D

Acq: 21 Feb 2019 21:09

Instrument :

MSVOA_X

ClientSampleId :

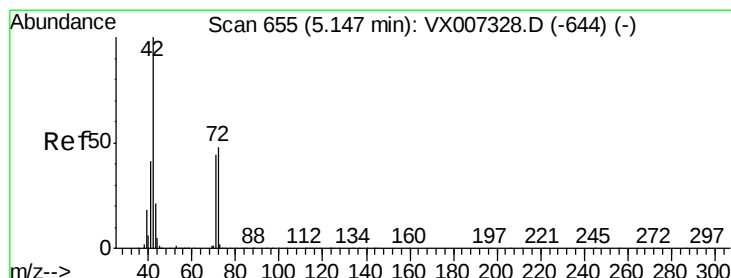
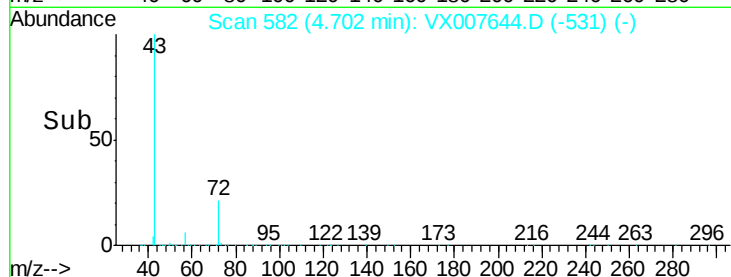
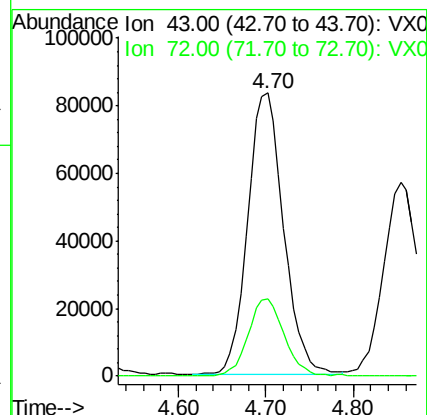
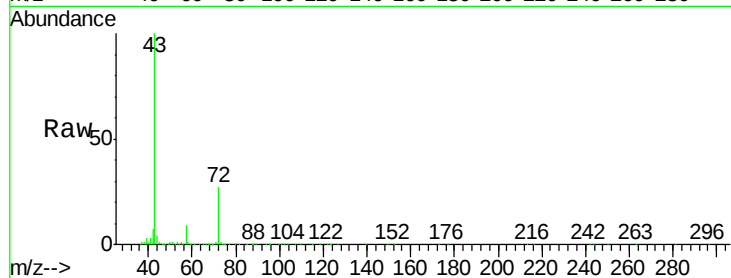
COMP-2

Tot Ion: 43 Resp: 236711

Ion Ratio Lower Upper

43 100

72 27.2 22.2 33.2



#29

Tetrahydrofuran

Concen: 0.274 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX007644.D

Acq: 21 Feb 2019 21:09

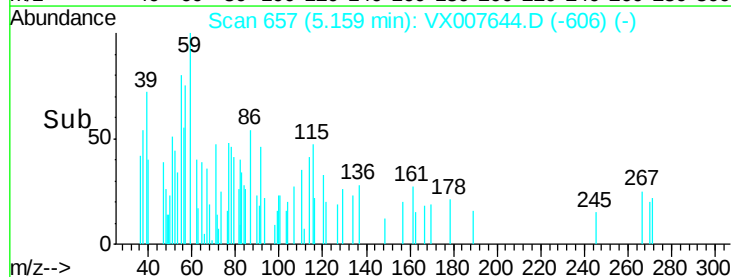
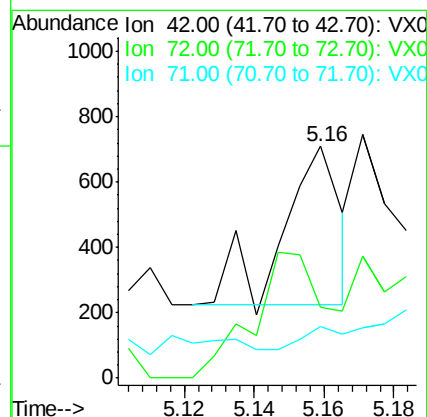
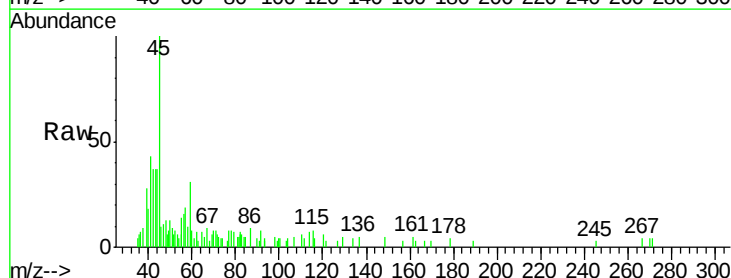
Tgt Ion: 42 Resp: 558

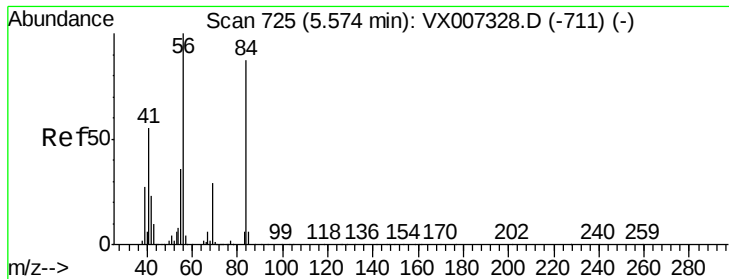
Ion Ratio Lower Upper

42 100

72 101.3 37.6 56.4#

71 0.0 34.6 51.8#

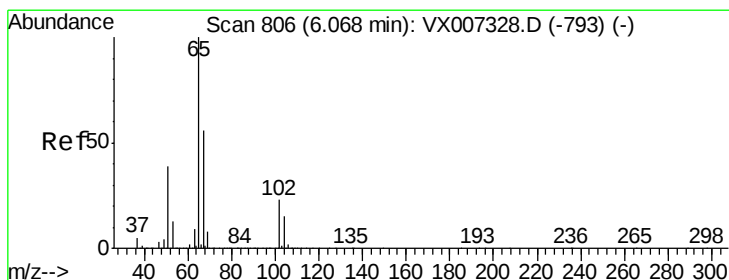
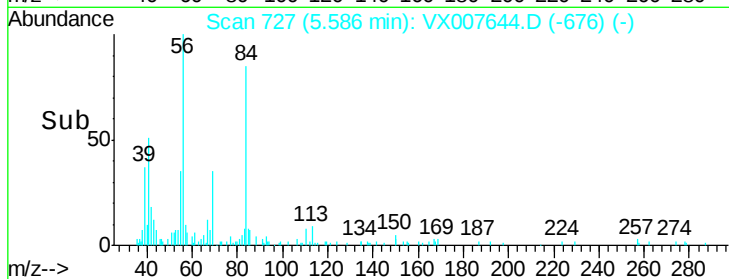
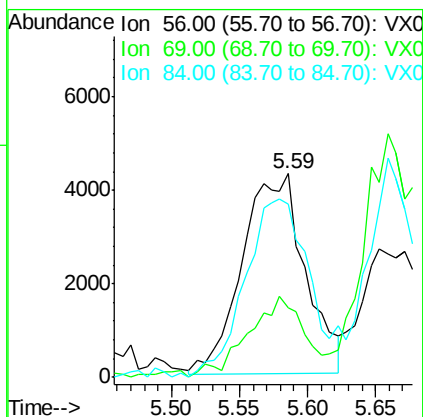
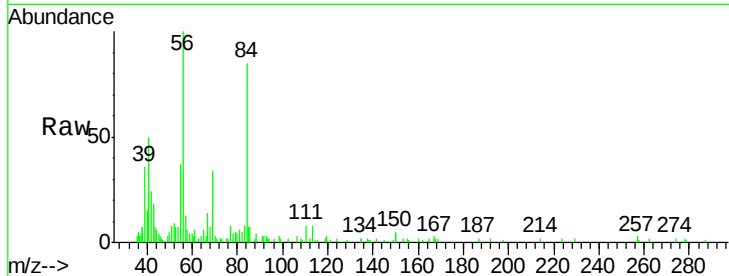




#31
Cyclohexane
Concen: 1.982 ug/l
RT: 5.59 min Scan# 727
Delta R.T. 0.01 min
Lab File: VX007644.D
Acq: 21 Feb 2019 21:09

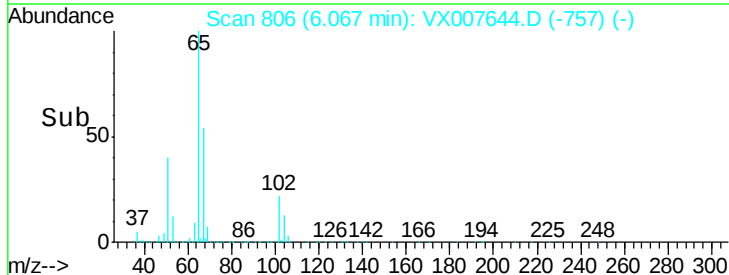
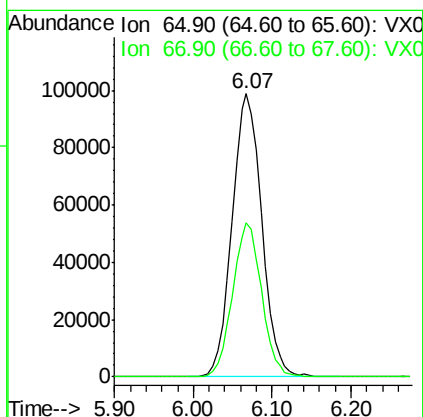
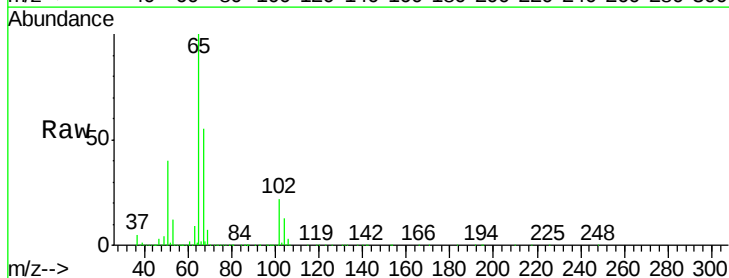
Instrument :
MSVOA_X
ClientSampled :
COMP-2

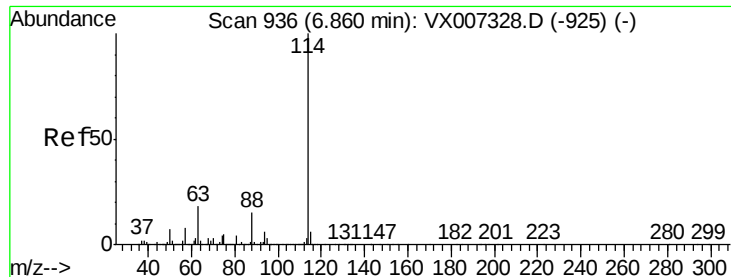
Tot Ion: 56 Resp: 13705
Ion Ratio Lower Upper
56 100
69 33.1 23.0 34.6
84 88.1 69.8 104.6



#33
1,2-Dichloroethane-d4
Concen: 52.041 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX007644.D
Acq: 21 Feb 2019 21:09

Tgt Ion: 65 Resp: 258843
Ion Ratio Lower Upper
65 100
67 52.8 0.0 108.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007644.D

Acq: 21 Feb 2019 21:09

Instrument :

MSVOA_X

ClientSampleId :

COMP-2

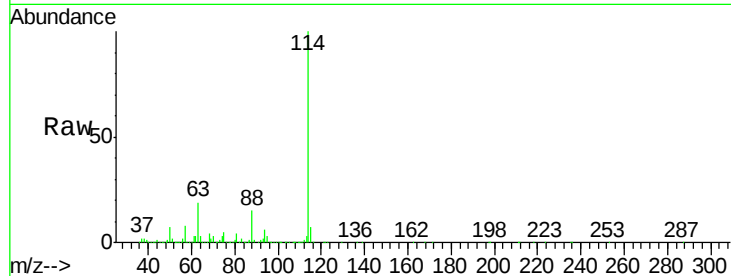
Tot Ion:114 Resp: 744114

Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.6

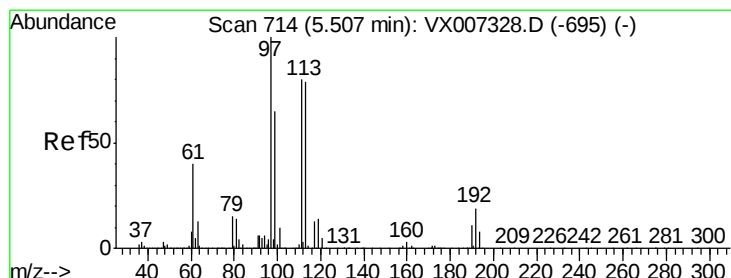
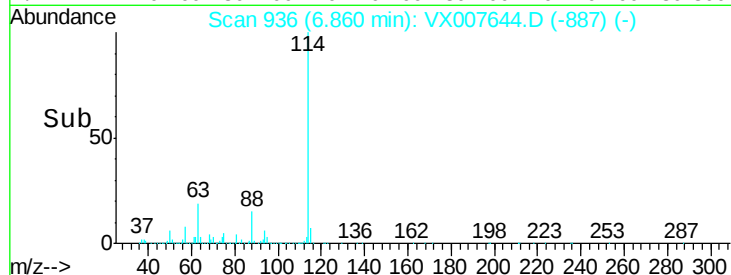
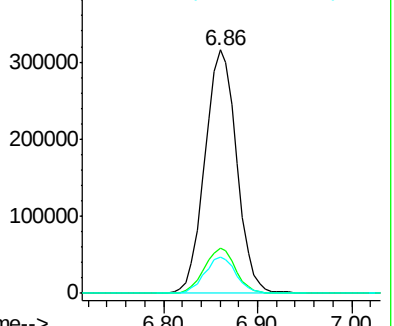
88 14.6 0.0 29.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 50.487 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007644.D

Acq: 21 Feb 2019 21:09

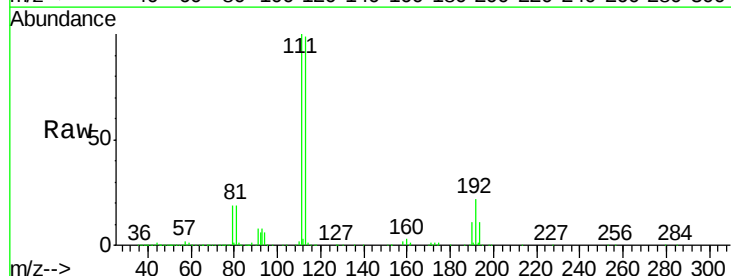
Tgt Ion:113 Resp: 244443

Ion Ratio Lower Upper

113 100

111 101.6 81.8 122.8

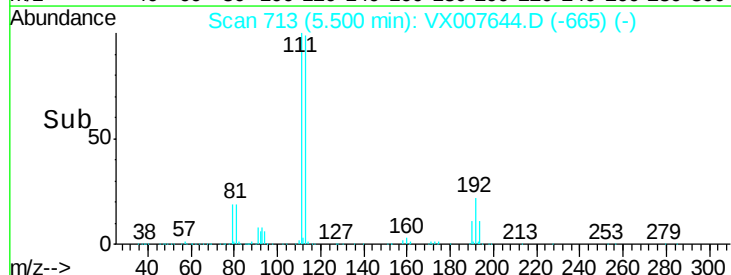
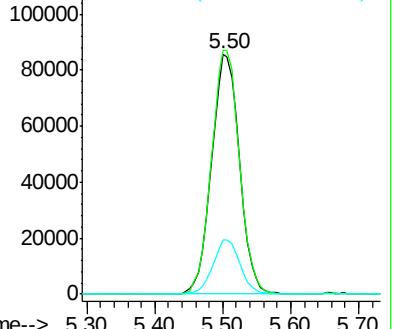
192 22.0 18.5 27.7

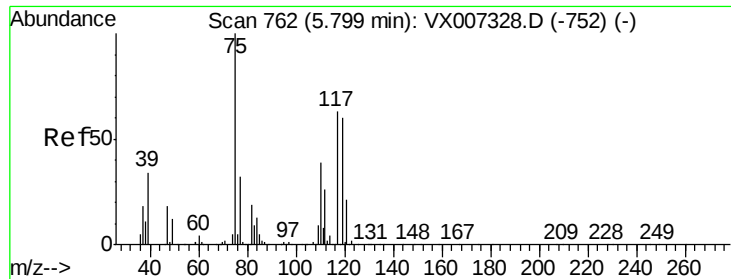


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

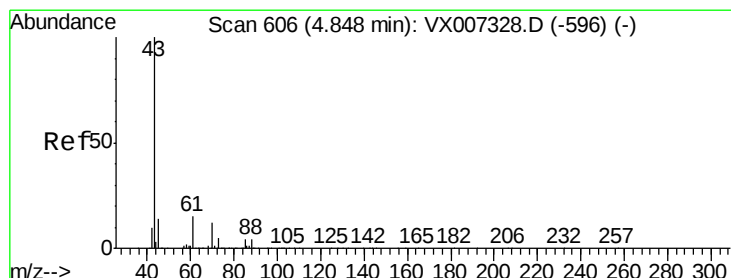
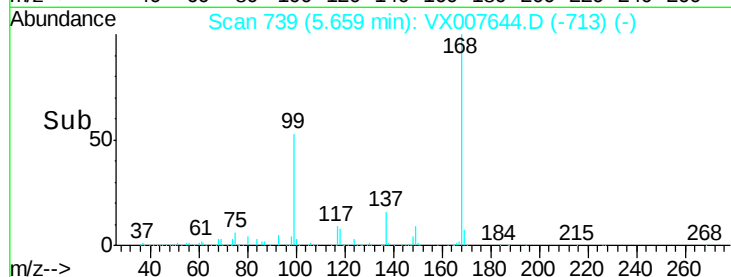
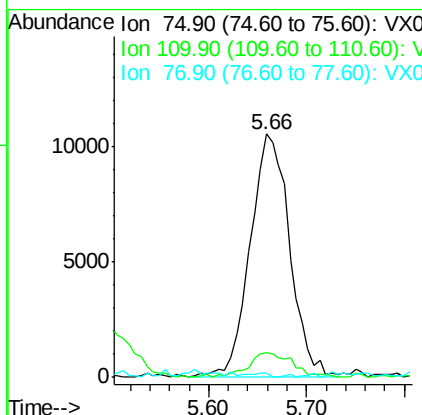
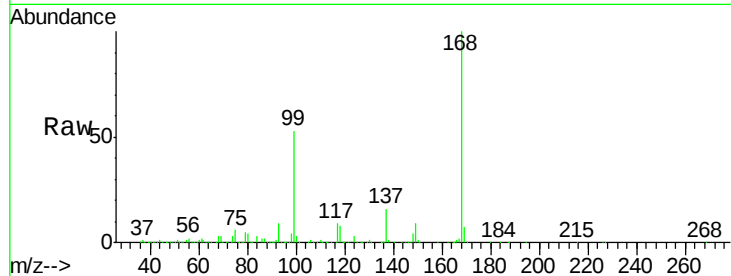




#36
 1,1-Dichloropropene
 Concen: 4.425 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX007644.D
 Acq: 21 Feb 2019 21:09

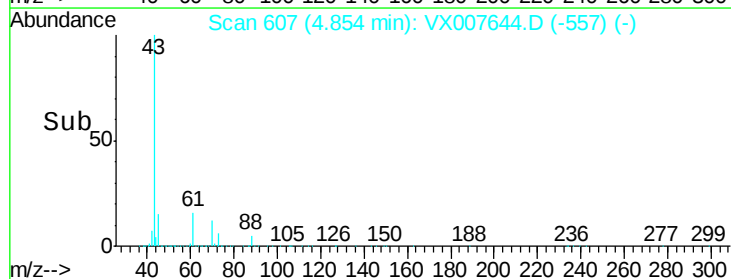
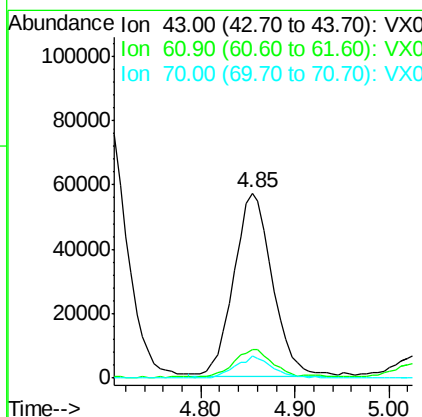
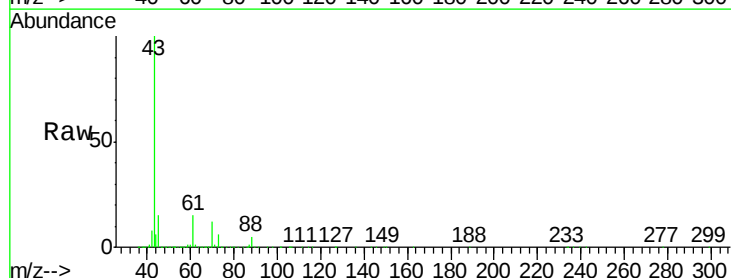
Instrument :
 MSVOA_X
 ClientSampled :
 COMP-2

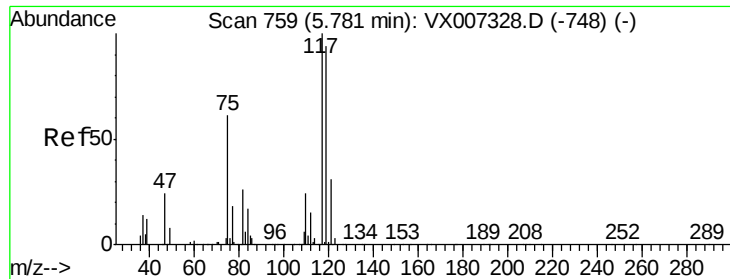
Tot Ion	Ratio	Lower	Upper
75	100		
110	11.3	20.0	59.9#
77	0.8	24.7	37.1#



#37
 Ethyl Acetate
 Concen: 24.385 ug/l
 RT: 4.85 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: VX007644.D
 Acq: 21 Feb 2019 21:09

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.0	11.3	16.9
70	10.8	8.6	13.0





#38

Carbon Tetrachloride

Concen: 6.473 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX007644.D

Acq: 21 Feb 2019 21:09

Instrument :

MSVOA_X

ClientSampleId :

COMP-2

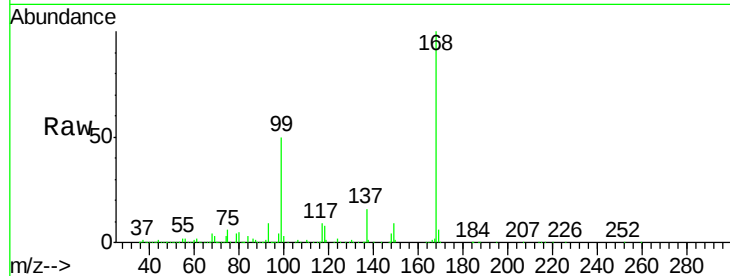
Tot Ion:117 Resp: 41929

Ion Ratio Lower Upper

117 100

119 5.8 75.3 112.9#

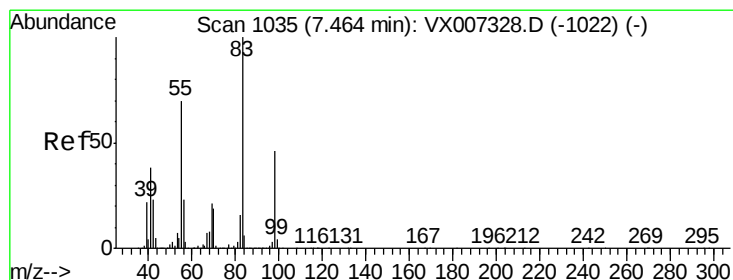
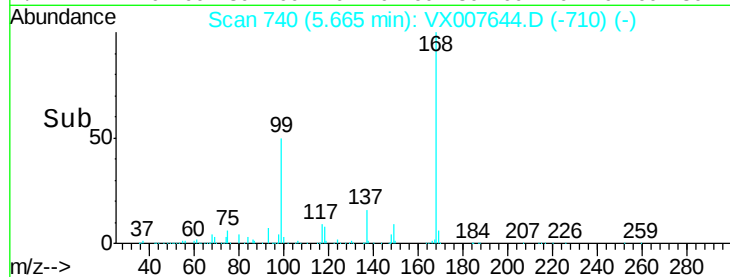
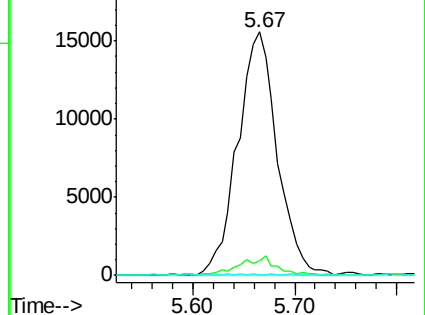
121 0.0 25.0 37.4#



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: 1.506 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VX007644.D

Acq: 21 Feb 2019 21:09

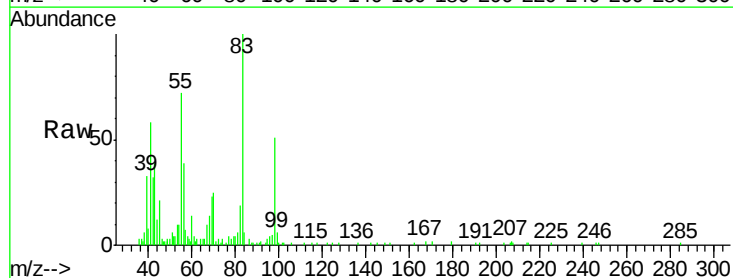
Tgt Ion: 83 Resp: 12165

Ion Ratio Lower Upper

83 100

55 66.8 56.2 84.2

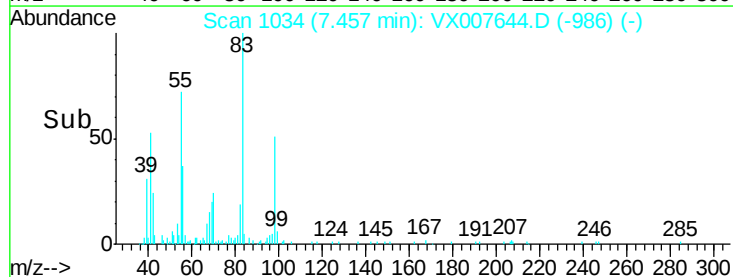
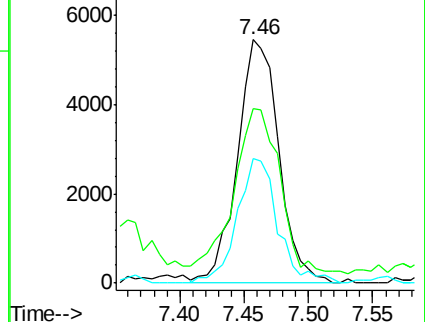
98 50.9 36.8 55.2

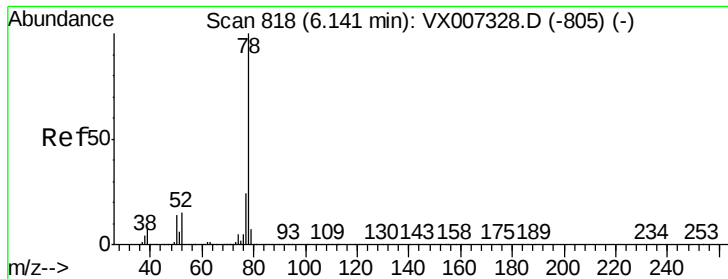


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 44.580 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX007644.D

Acq: 21 Feb 2019 21:09

Instrument :

MSVOA_X

ClientSampleId :

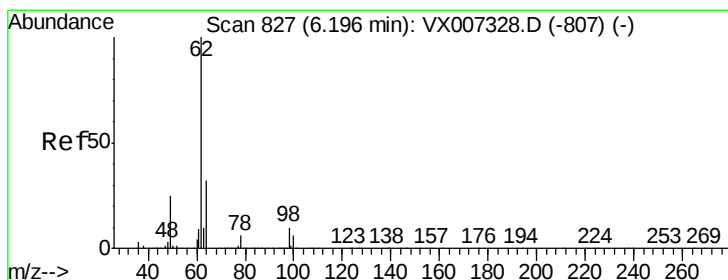
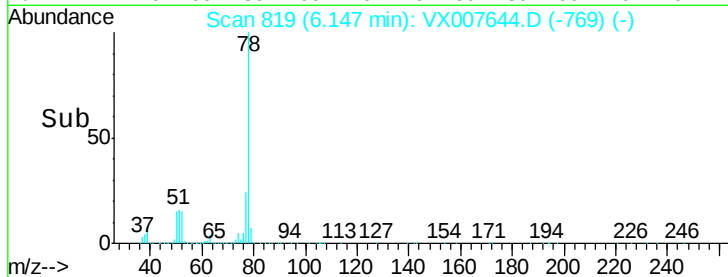
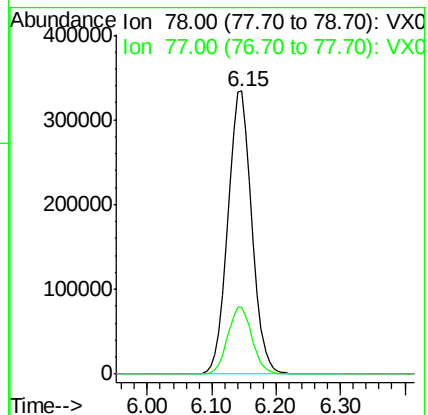
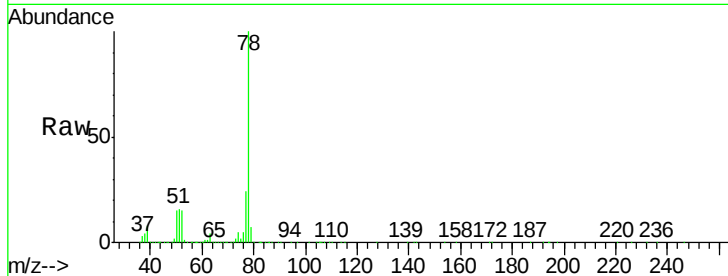
COMP-2

Tot Ion: 78 Resp: 876744

Ion Ratio Lower Upper

78 100

77 23.6 19.3 28.9



#42

1,2-Dichloroethane

Concen: 1.079 ug/l

RT: 6.15 min Scan# 819

Delta R.T. -0.05 min

Lab File: VX007644.D

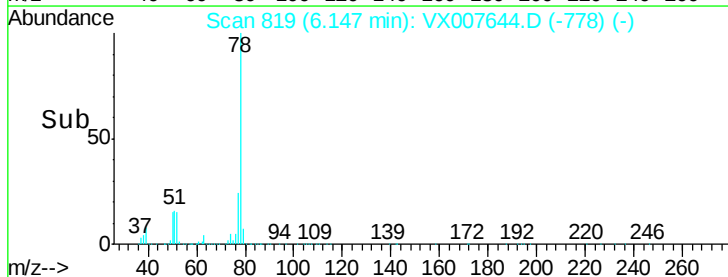
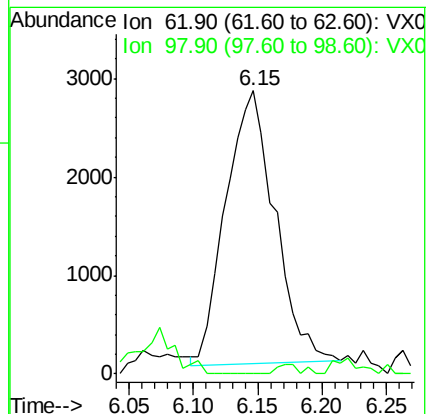
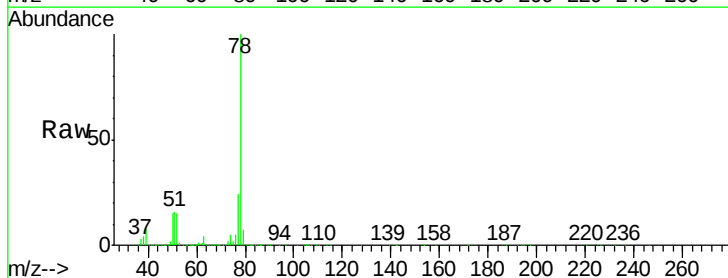
Acq: 21 Feb 2019 21:09

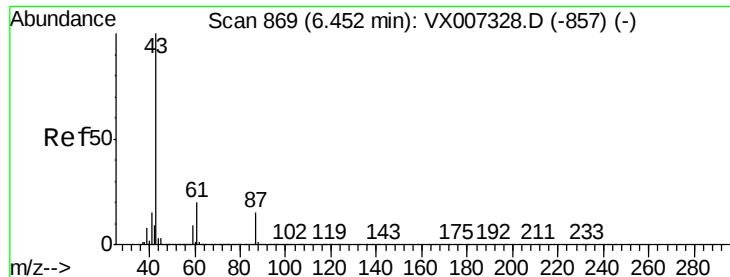
Tgt Ion: 62 Resp: 7340

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.0





#43

Isopropyl Acetate

Concen: 0.366 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX007644.D

Acq: 21 Feb 2019 21:09

Instrument :

MSVOA_X

ClientSampleId :

COMP-2

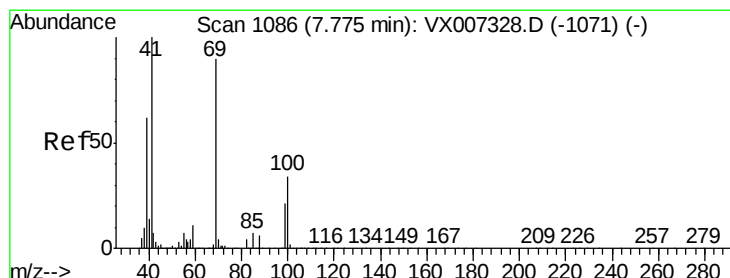
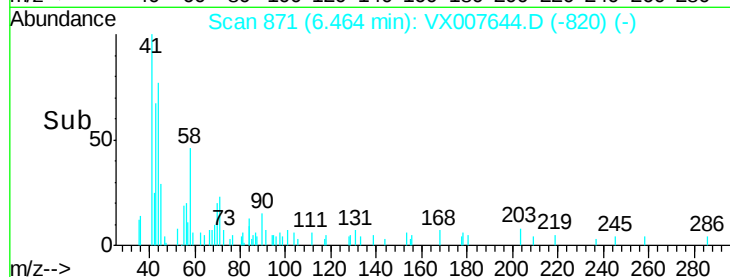
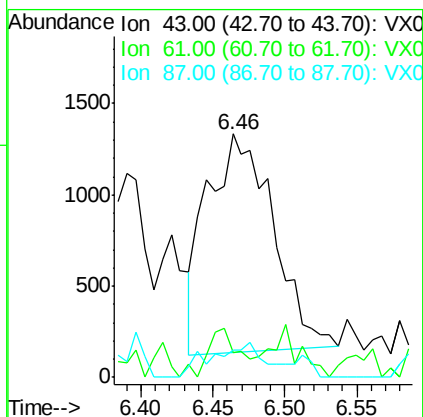
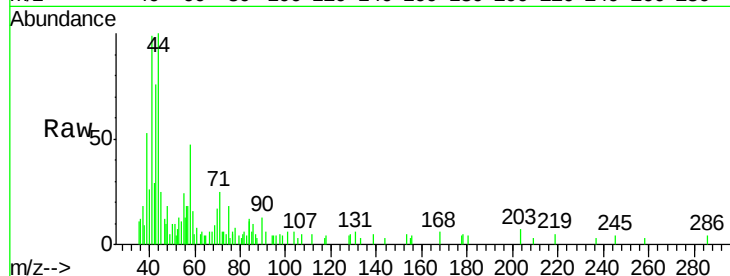
Tot Ion: 43 Resp: 3816

Ion Ratio Lower Upper

43 100

61 10.5 16.1 24.1#

87 9.5 11.5 17.3#



#48

Methyl methacrylate

Concen: 2.593 ug/l

RT: 7.73 min Scan# 1078

Delta R.T. -0.05 min

Lab File: VX007644.D

Acq: 21 Feb 2019 21:09

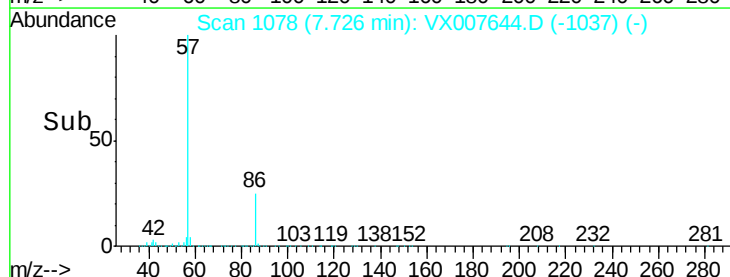
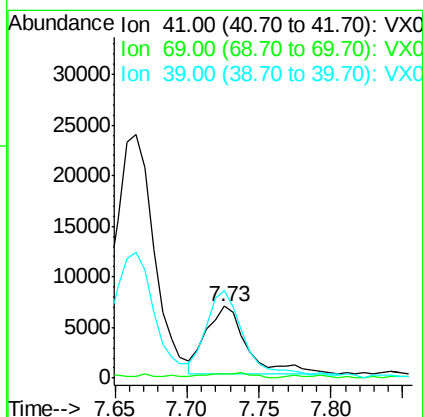
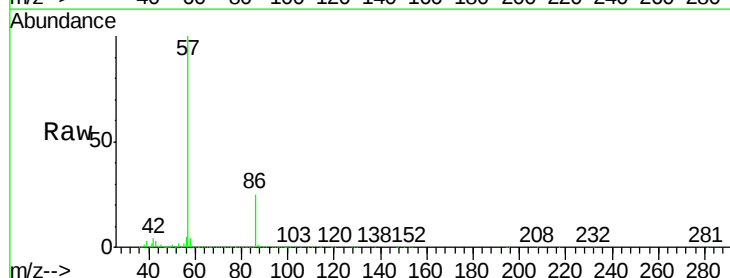
Tgt Ion: 41 Resp: 13512

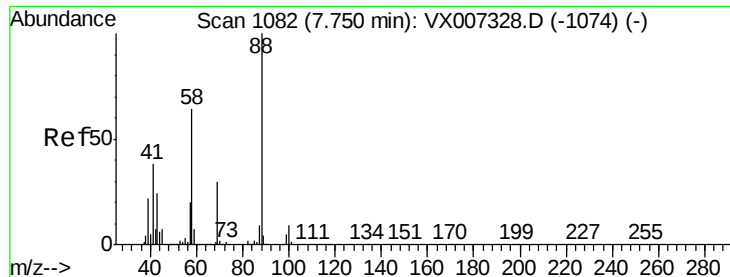
Ion Ratio Lower Upper

41 100

69 7.9 70.2 105.4#

39 124.9 47.4 71.0#





#49

1,4-Dioxane

Concen: 42.731 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007644.D

Acq: 21 Feb 2019 21:09

Instrument :

MSVOA_X

ClientSampleId :

COMP-2

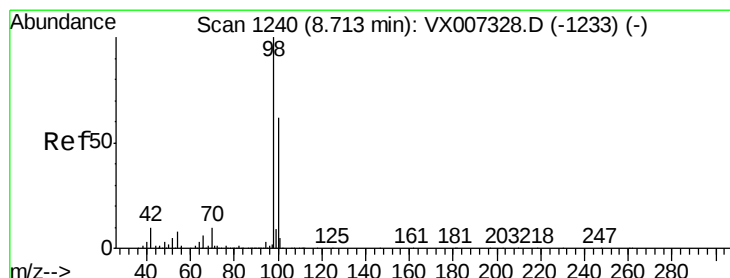
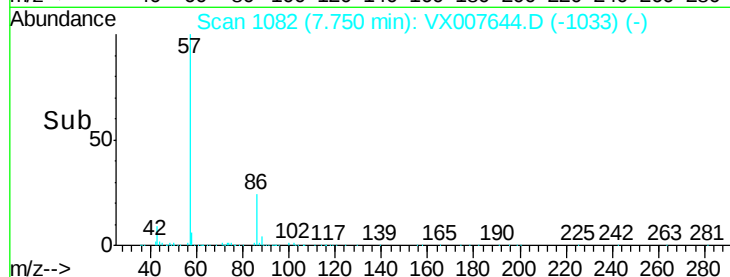
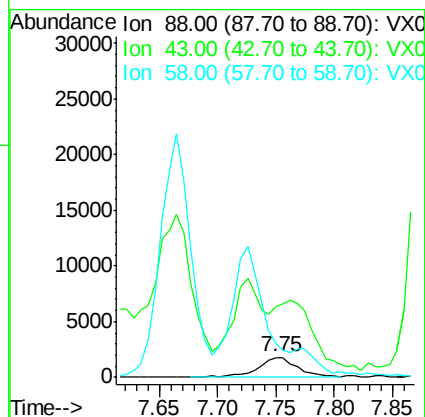
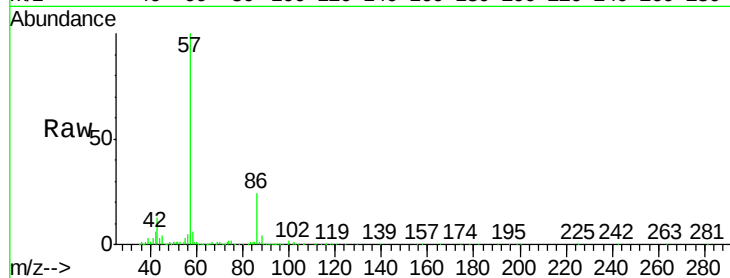
Tot Ion: 88 Resp: 4278

Ion Ratio Lower Upper

88 100

43 0.0 24.2 36.4#

58 0.0 53.0 79.4#



#50

Toluene-d8

Concen: 49.705 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007644.D

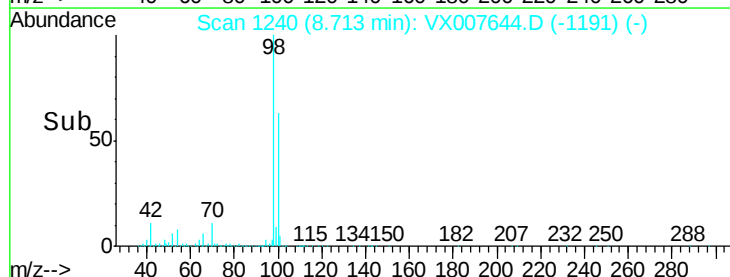
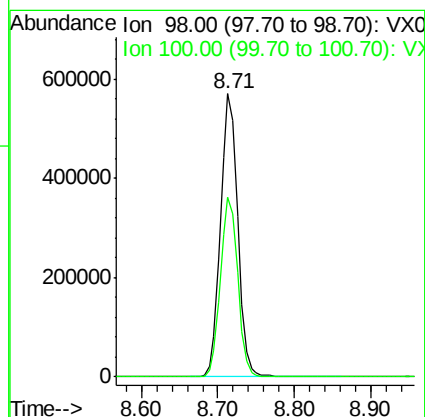
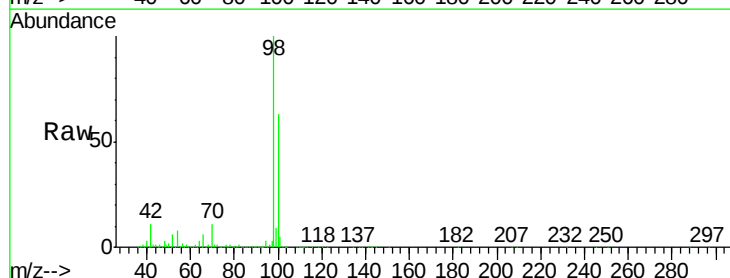
Acq: 21 Feb 2019 21:09

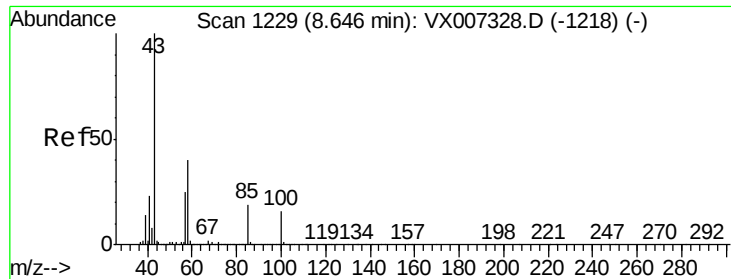
Tgt Ion: 98 Resp: 892869

Ion Ratio Lower Upper

98 100

100 63.9 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 0.849 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007644.D

Acq: 21 Feb 2019 21:09

Instrument :

MSVOA_X

ClientSampleId :

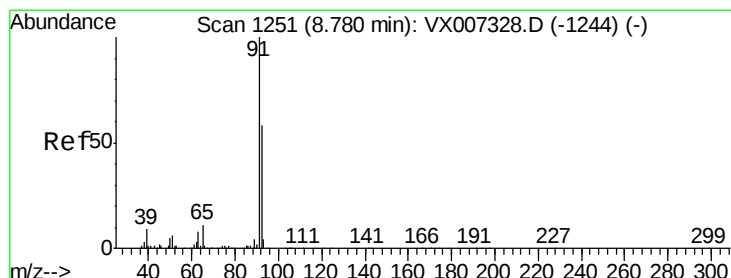
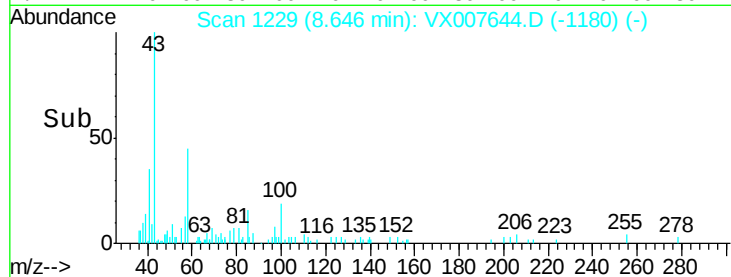
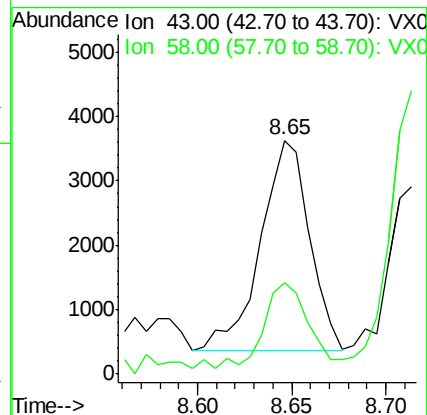
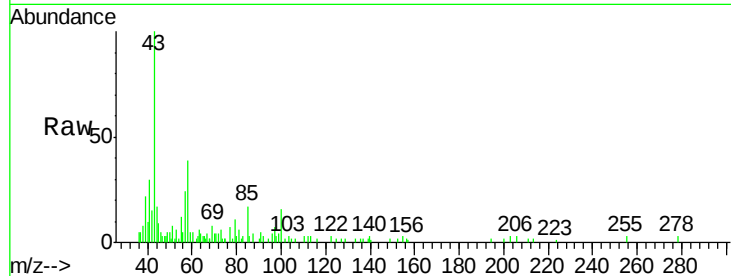
COMP-2

Tot Ion: 43 Resp: 5822

Ion Ratio Lower Upper

43 100

58 40.1 31.2 46.8



#52

Toluene

Concen: 43.260 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX007644.D

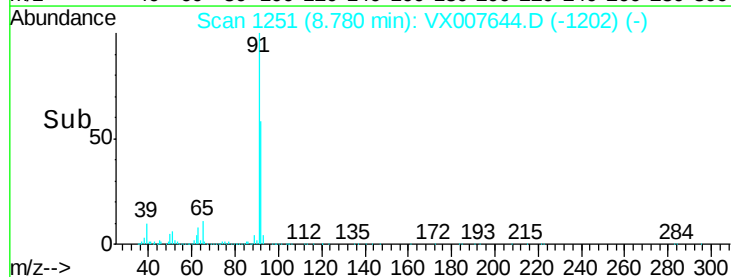
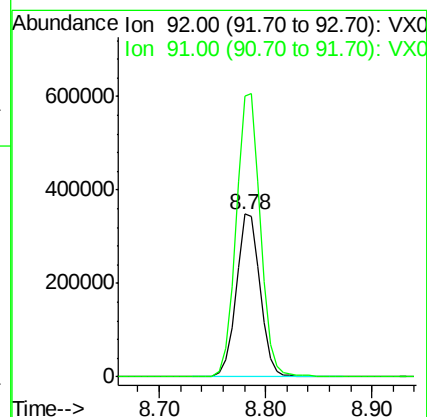
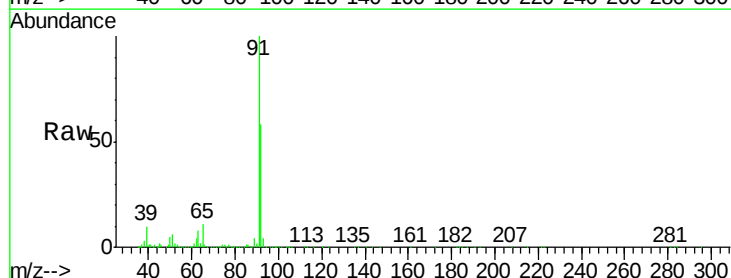
Acq: 21 Feb 2019 21:09

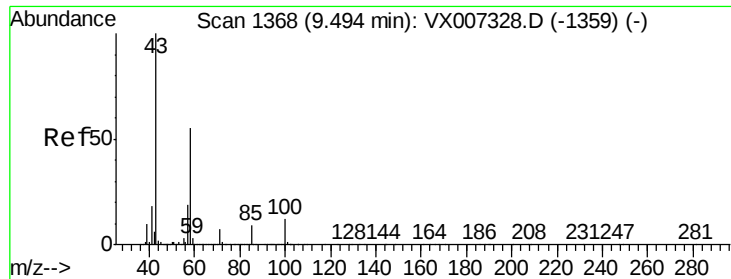
Tgt Ion: 92 Resp: 548916

Ion Ratio Lower Upper

92 100

91 175.8 139.1 208.7

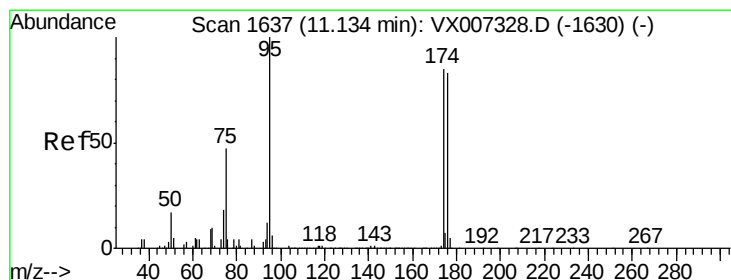
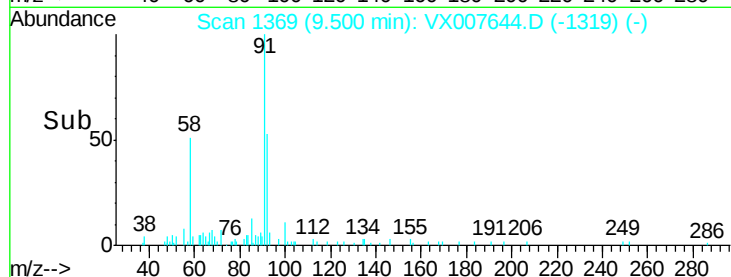
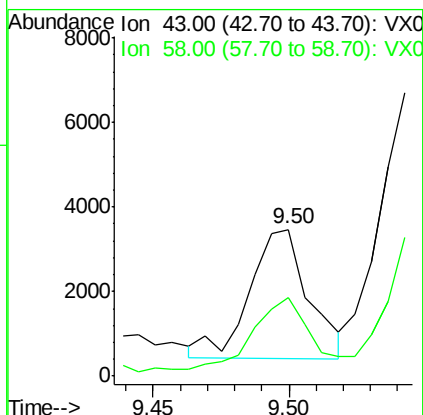
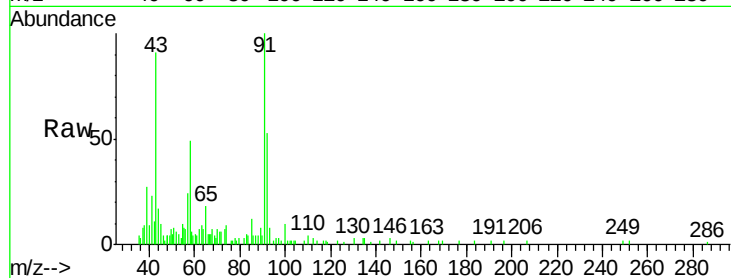




#59
2-Hexanone
Concen: 0.858 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.01 min
Lab File: VX007644.D
Acq: 21 Feb 2019 21:09

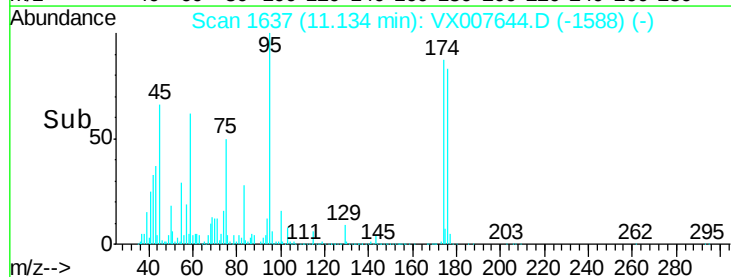
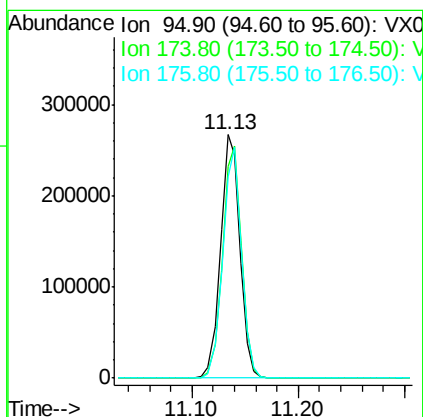
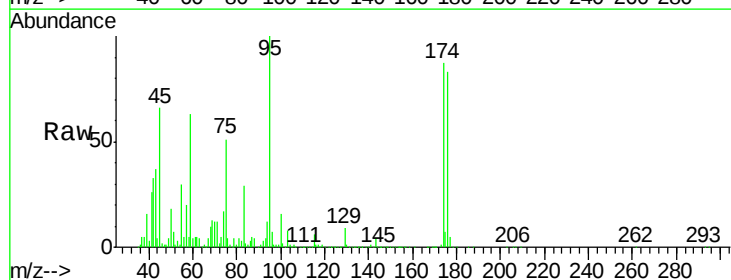
Instrument :
MSVOA_X
ClientSampleId :
COMP-2

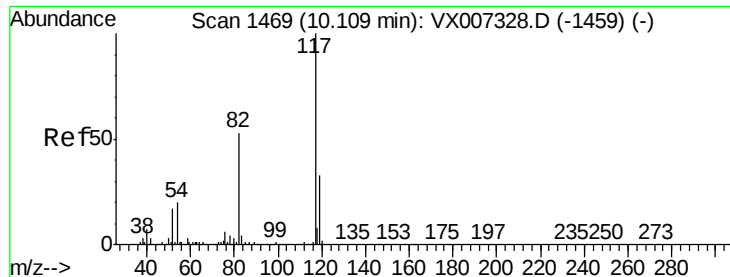
Tot Ion: 43 Resp: 4580
Ion Ratio Lower Upper
43 100
58 52.7 27.1 81.3



#62
4-Bromofluorobenzene
Concen: 51.383 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007644.D
Acq: 21 Feb 2019 21:09

Tgt Ion: 95 Resp: 336993
Ion Ratio Lower Upper
95 100
174 94.3 0.0 189.2
176 91.9 0.0 186.2

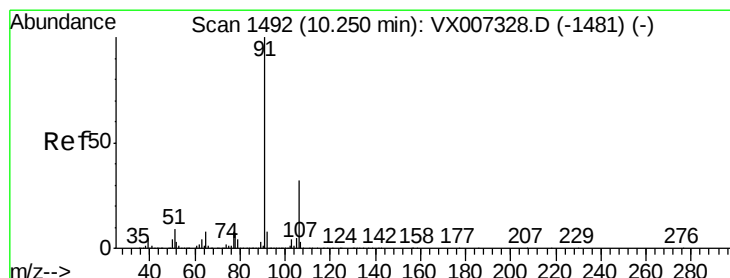
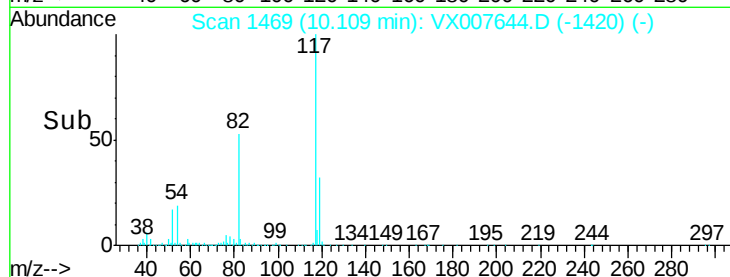
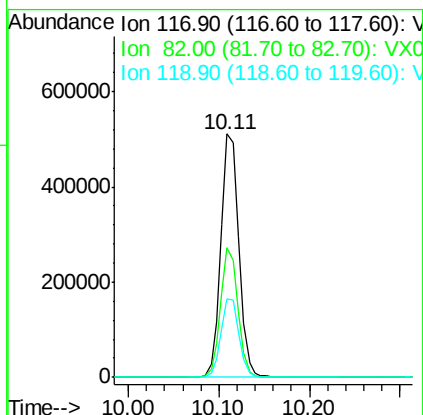
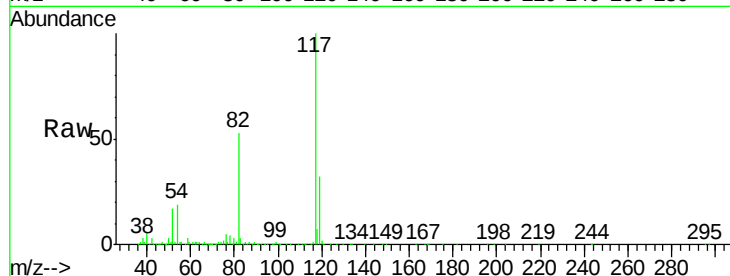




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007644.D
Acq: 21 Feb 2019 21:09

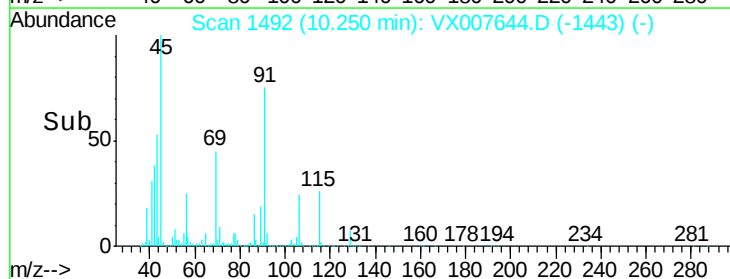
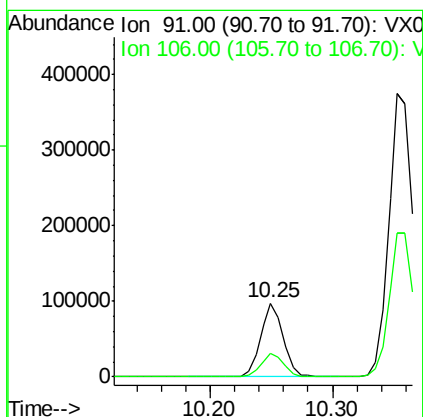
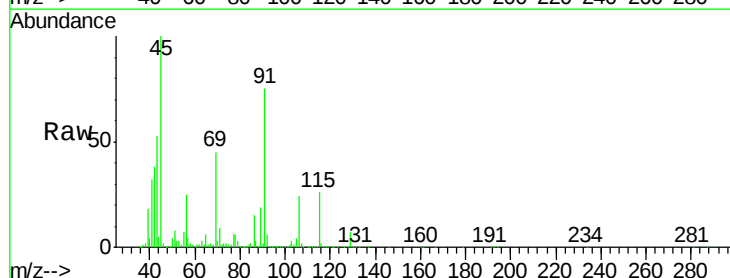
Instrument :
MSVOA_X
ClientSampleId :
COMP-2

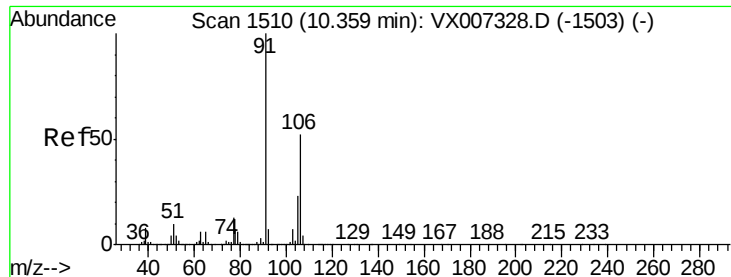
Tot Ion:117 Resp: 708720
Ion Ratio Lower Upper
117 100
82 53.4 42.1 63.1
119 32.2 26.5 39.7



#67
Ethyl Benzene
Concen: 5.032 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX007644.D
Acq: 21 Feb 2019 21:09

Tgt Ion: 91 Resp: 125330
Ion Ratio Lower Upper
91 100
106 32.4 25.4 38.0





#68

m/p-Xylenes

Concen: 26.683 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX007644.D

Acq: 21 Feb 2019 21:09

Instrument :

MSVOA_X

ClientSampleId :

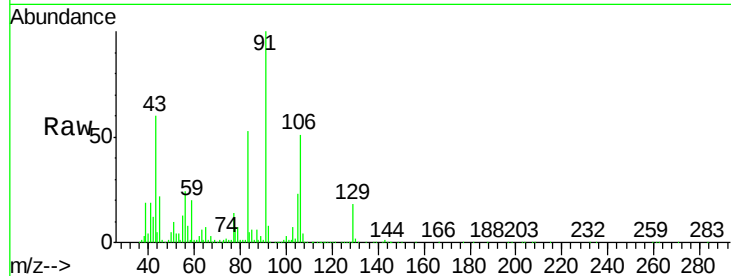
COMP-2

Tot Ion:106 Resp: 264169

Ion Ratio Lower Upper

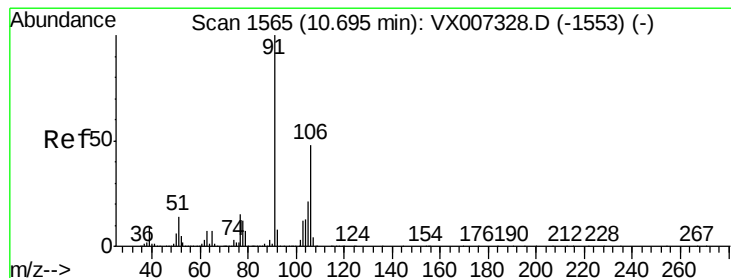
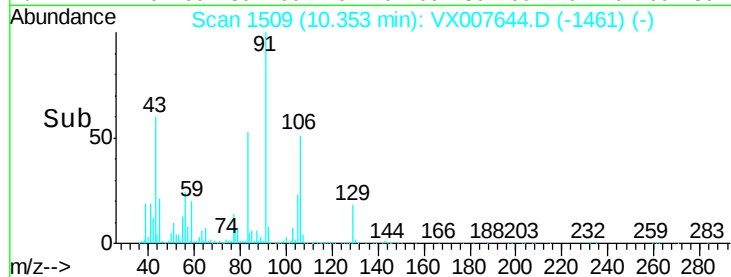
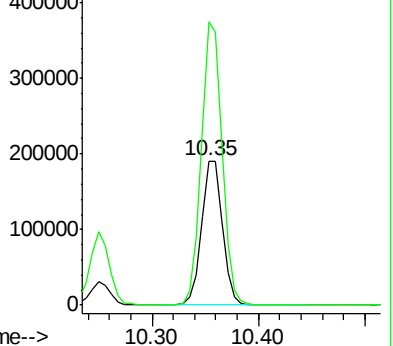
106 100

91 194.6 156.6 234.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 8.605 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. 0.01 min

Lab File: VX007644.D

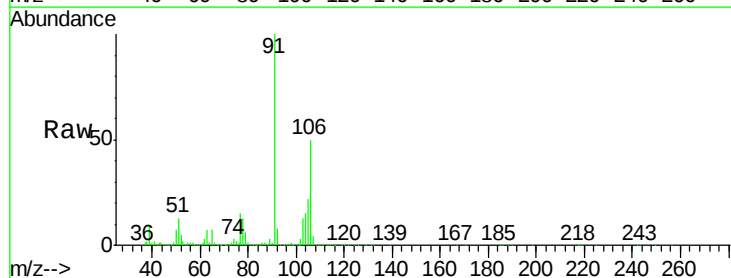
Acq: 21 Feb 2019 21:09

Tgt Ion:106 Resp: 81977

Ion Ratio Lower Upper

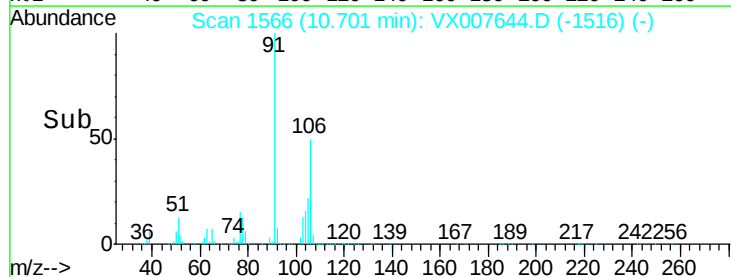
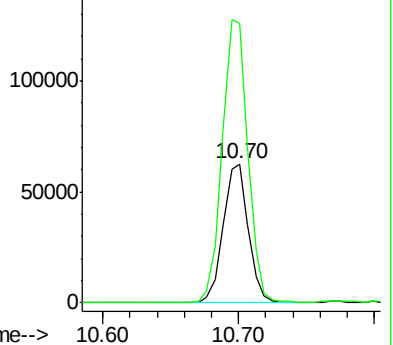
106 100

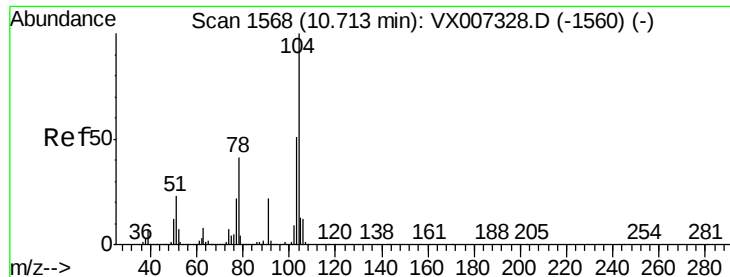
91 206.6 102.9 308.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#70

Stvrene

Concen: 3.169 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX007644.D

Acq: 21 Feb 2019 21:09

Instrument :

MSVOA_X

ClientSampleId :

COMP-2

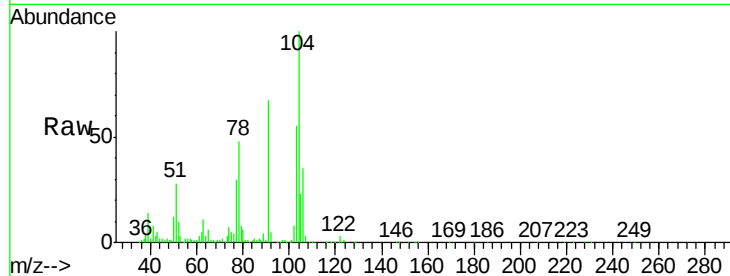
Tot Ion:104 Resp: 48963

Ion Ratio Lower Upper

104 100

78 60.4 38.3 57.5#

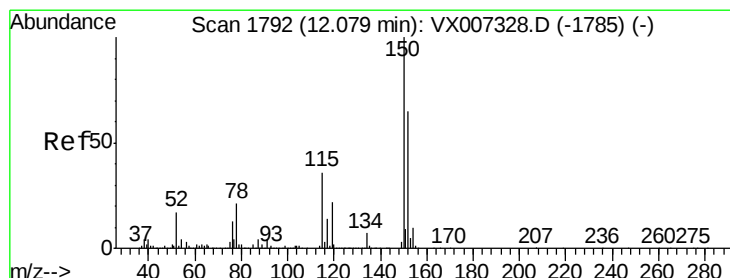
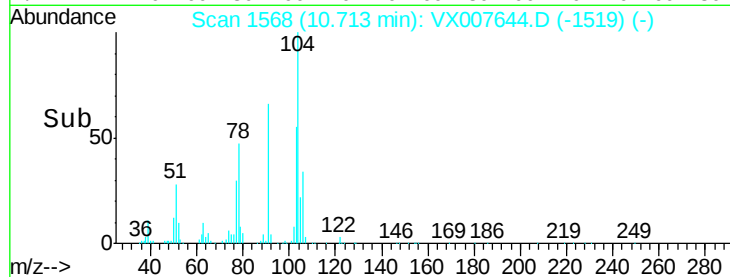
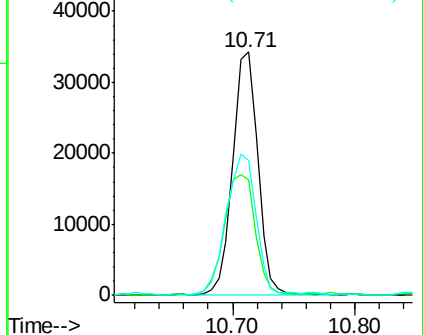
103 69.0 44.6 67.0#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007644.D

Acq: 21 Feb 2019 21:09

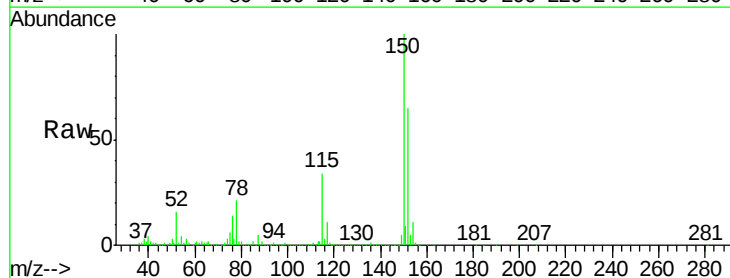
Tgt Ion:152 Resp: 370021

Ion Ratio Lower Upper

152 100

115 54.8 38.0 114.0

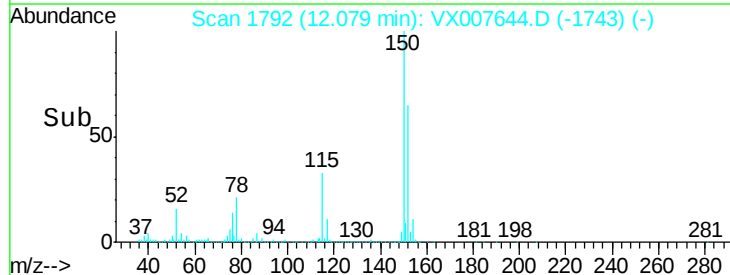
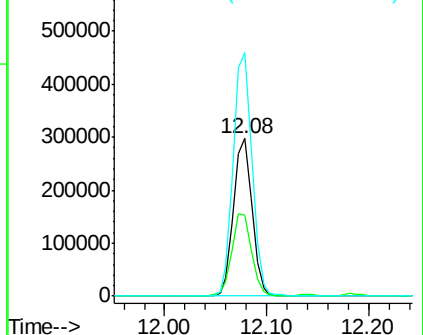
150 157.3 0.0 346.4

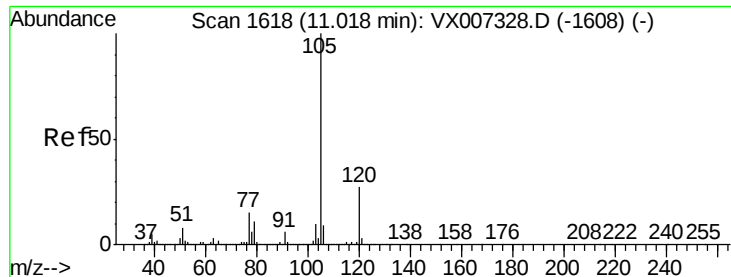


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.488 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007644.D

Acq: 21 Feb 2019 21:09

Instrument :

MSVOA_X

ClientSampled :

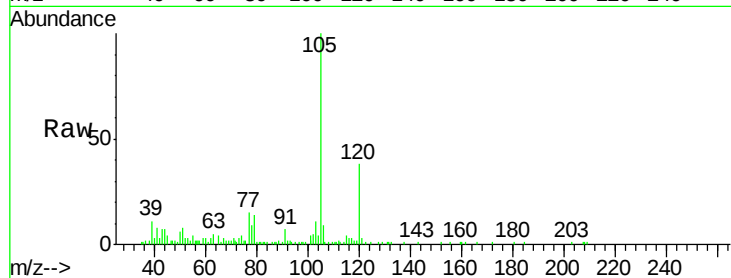
COMP-2

Tot Ion:105 Resp: 12270

Ion Ratio Lower Upper

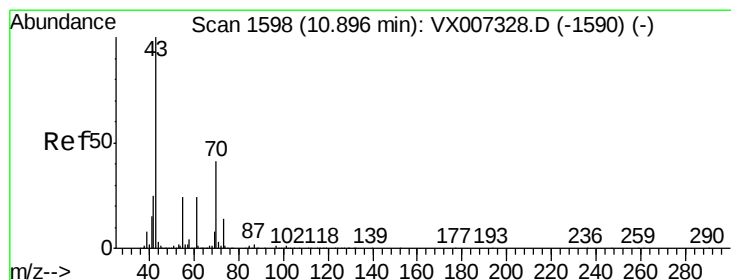
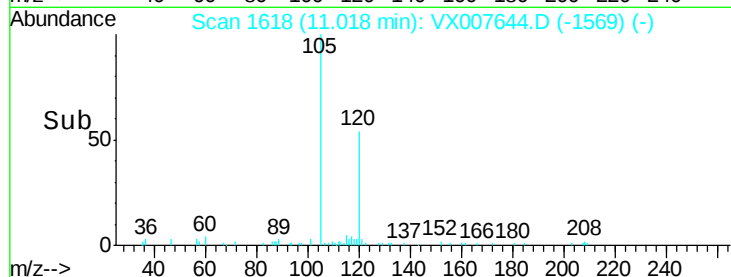
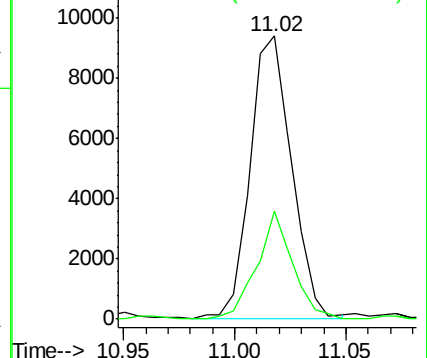
105 100

120 33.1 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 1.285 ug/l

RT: 10.81 min Scan# 1584

Delta R.T. -0.09 min

Lab File: VX007644.D

Acq: 21 Feb 2019 21:09

Tgt Ion: 43 Resp: 12501

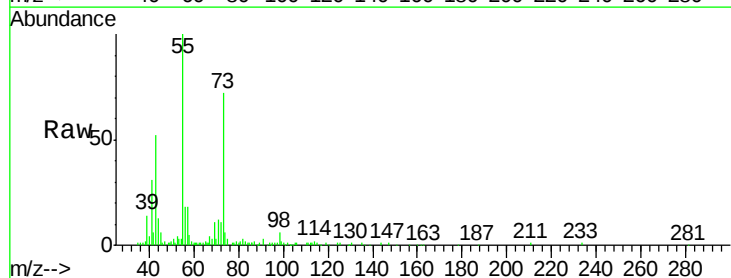
Ion Ratio Lower Upper

43 100

70 0.0 33.8 50.6#

55 205.7 19.5 29.3#

61 0.0 19.4 29.2#

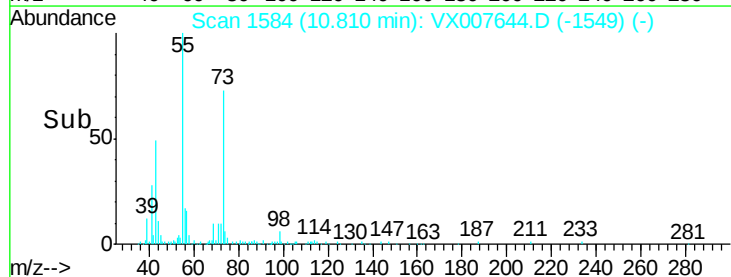
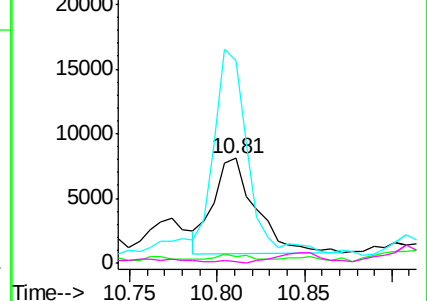


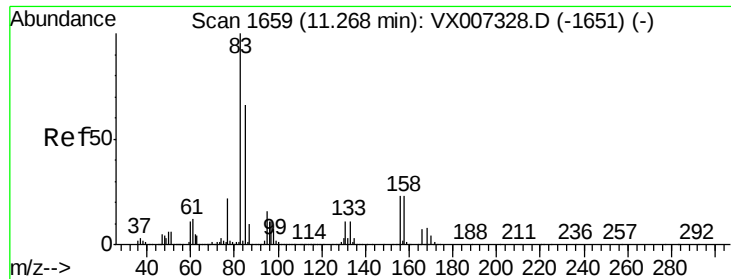
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 54.978 ug/l

RT: 11.21 min Scan# 1649

Delta R.T. -0.06 min

Lab File: VX007644.D

Acq: 21 Feb 2019 21:09

Instrument :

MSVOA_X

ClientSampleId :

COMP-2

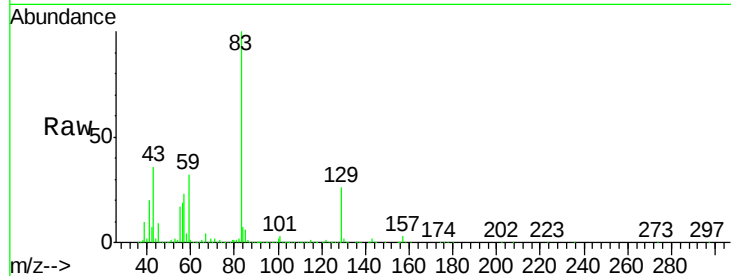
Tot Ion: 83 Resp: 421307

Ion Ratio Lower Upper

83 100

131 0.3 5.7 17.0#

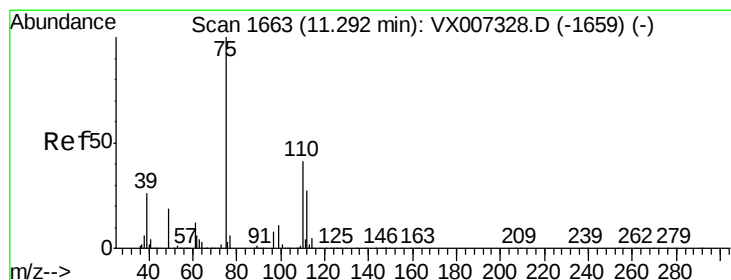
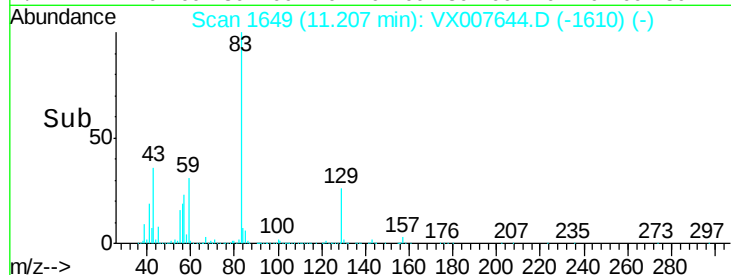
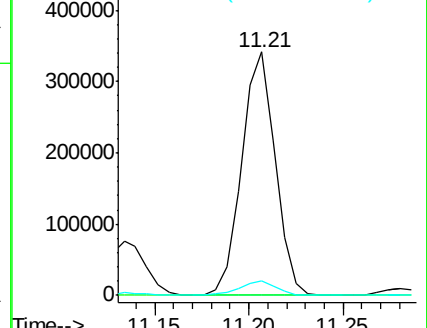
85 6.4 32.8 98.3#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 22.861 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007644.D

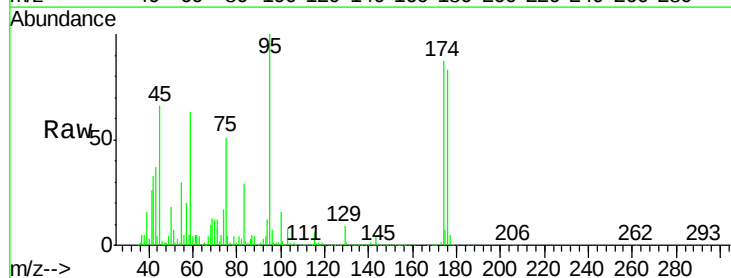
Acq: 21 Feb 2019 21:09

Tgt Ion: 75 Resp: 164536

Ion Ratio Lower Upper

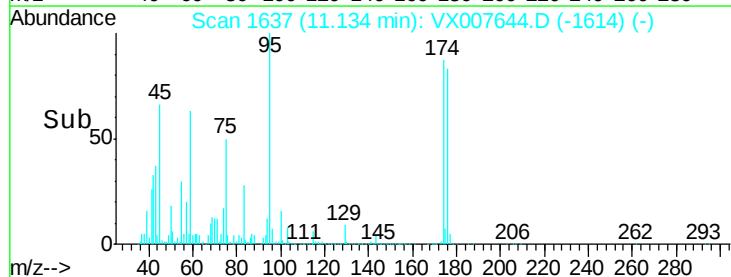
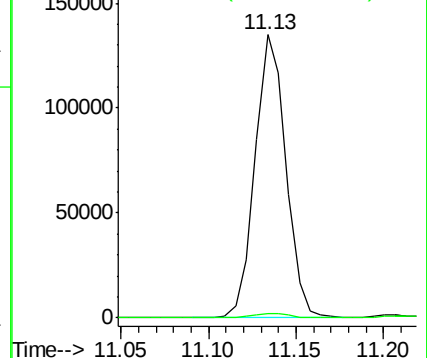
75 100

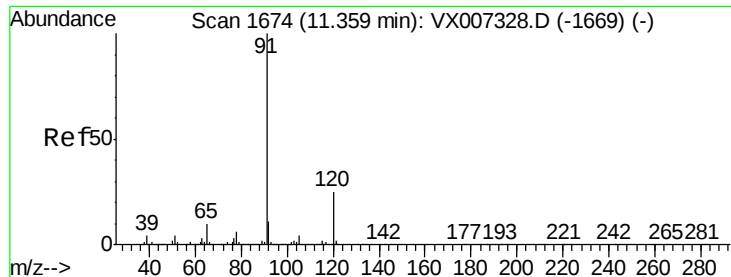
77 2.1 23.0 69.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 1.123 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007644.D

Acq: 21 Feb 2019 21:09

Instrument :

MSVOA_X

ClientSampleId :

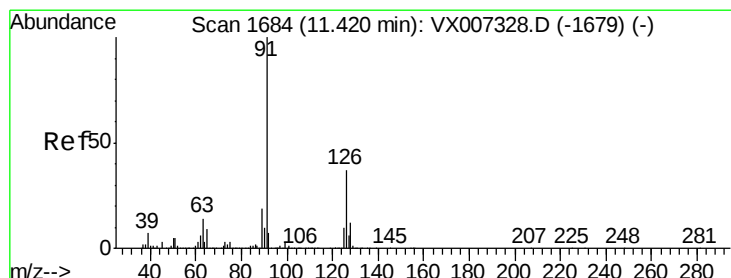
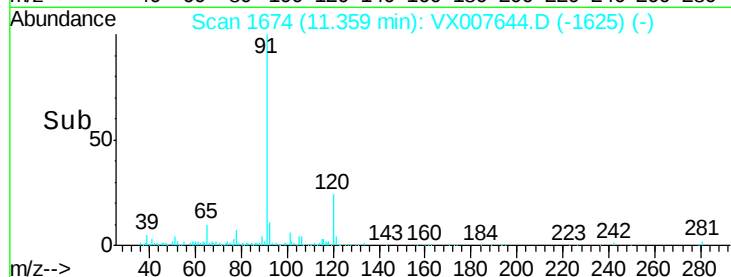
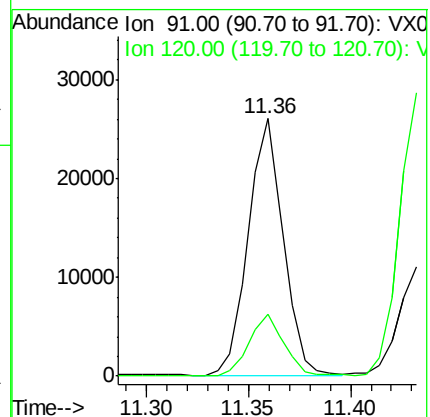
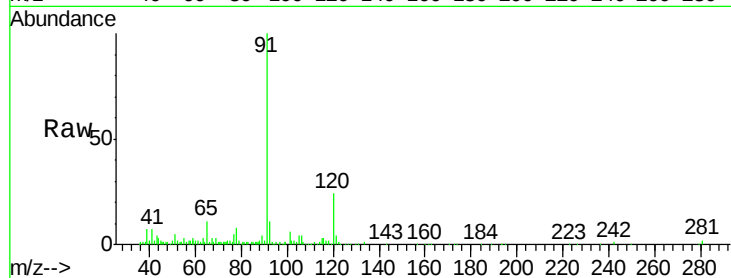
COMP-2

Tot Ion: 91 Resp: 30953

Ion Ratio Lower Upper

91 100

120 24.6 12.4 37.2



#79

2-Chlorotoluene

Concen: 1.066 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX007644.D

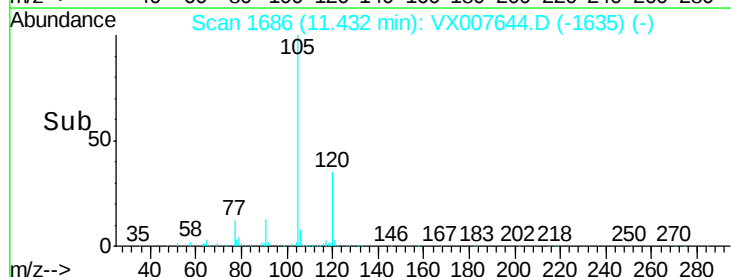
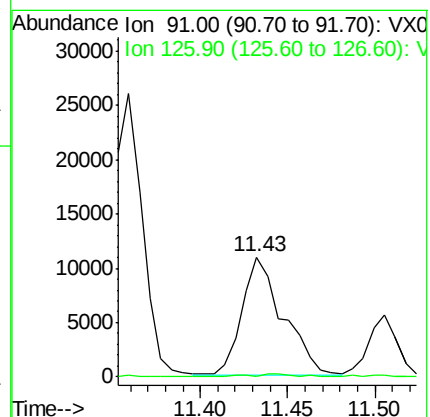
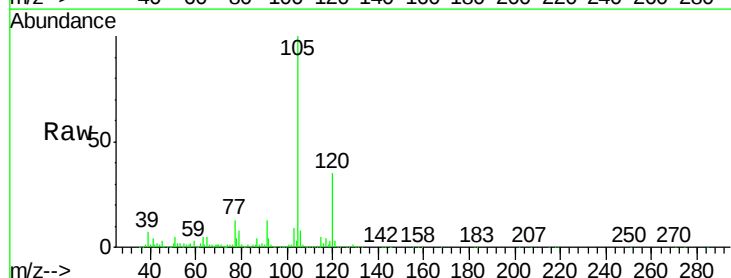
Acq: 21 Feb 2019 21:09

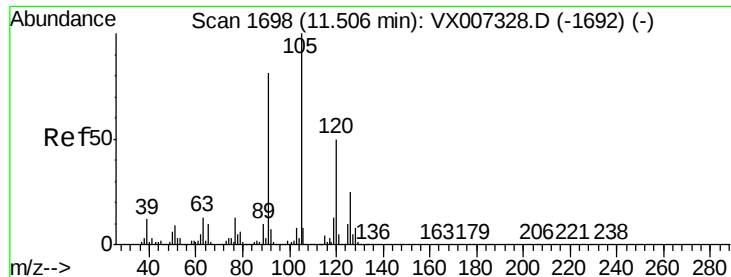
Tgt Ion: 91 Resp: 17835

Ion Ratio Lower Upper

91 100

126 3.4 18.7 56.1#

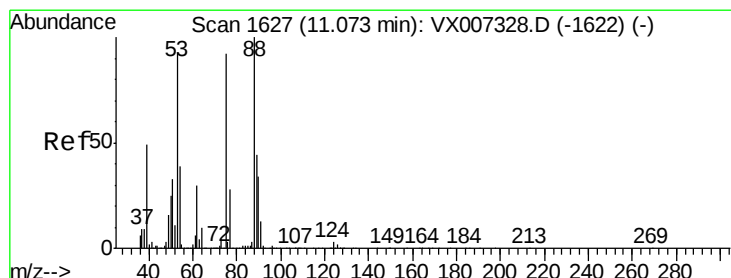
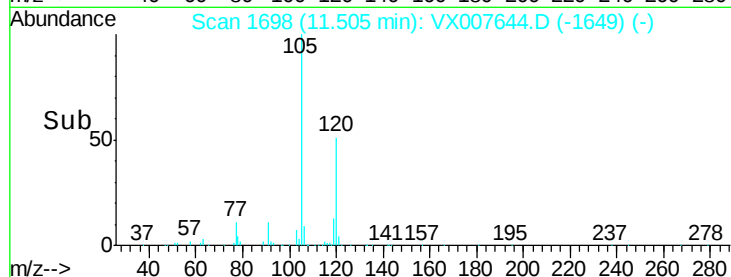
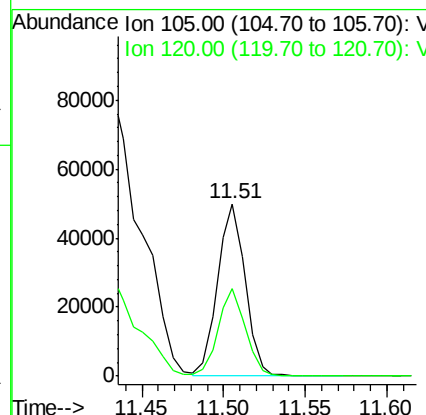
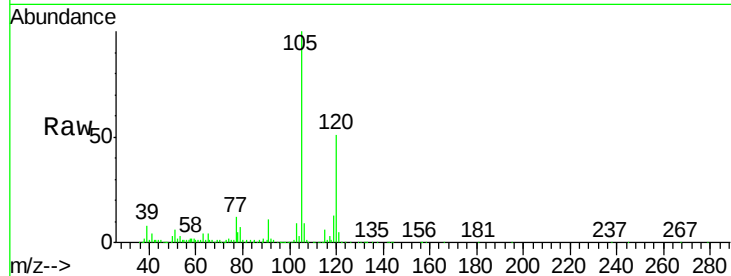




#80
 1,3,5-Trimethylbenzene
 Concen: 2.868 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX007644.D
 Acq: 21 Feb 2019 21:09

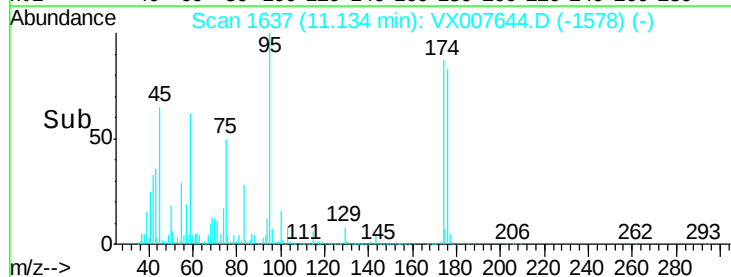
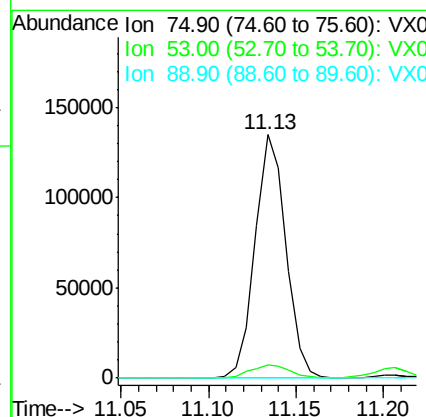
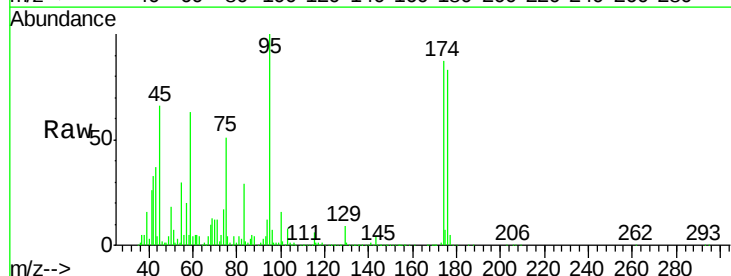
Instrument :
 MSVOA_X
 ClientSampled :
 COMP-2

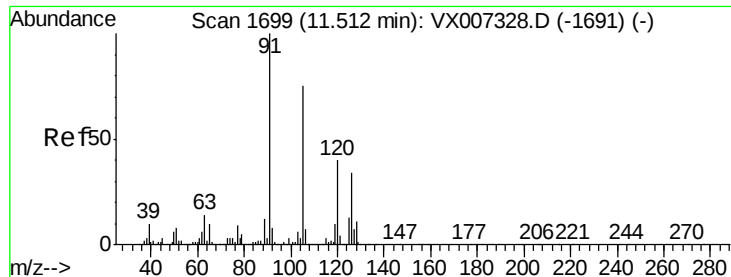
Tot Ion: 105 Resp: 59003
 Ion Ratio Lower Upper
 105 100
 120 49.8 25.3 75.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.913 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX007644.D
 Acq: 21 Feb 2019 21:09

Tgt Ion: 75 Resp: 164536
 Ion Ratio Lower Upper
 75 100
 53 6.7 81.0 121.6#
 89 0.0 41.4 62.0#





#82

4-Chlorotoluene

Concen: 0.316 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX007644.D

Acq: 21 Feb 2019 21:09

Instrument :

MSVOA_X

ClientSampleId :

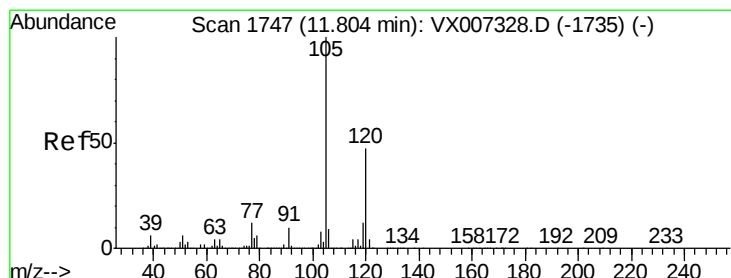
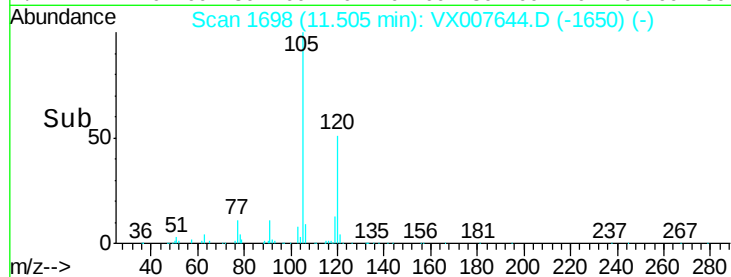
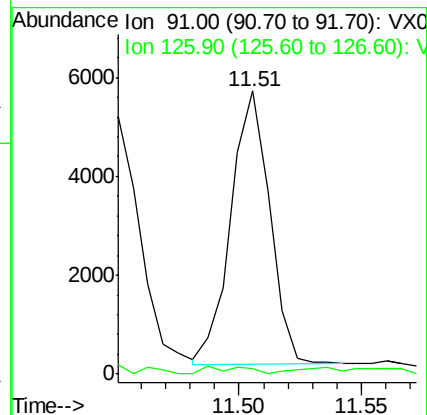
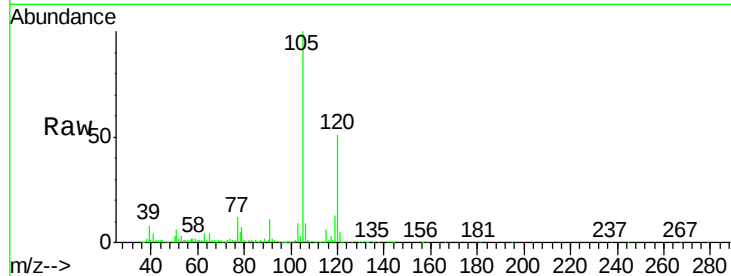
COMP-2

Tot Ion: 91 Resp: 6119

Ion Ratio Lower Upper

91 100

126 2.8 16.2 48.5#



#84

1,2,4-Trimethylbenzene

Concen: 10.591 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007644.D

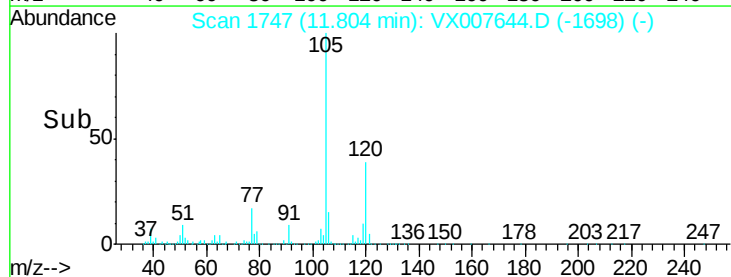
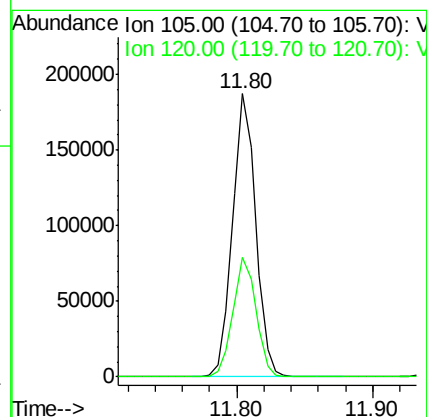
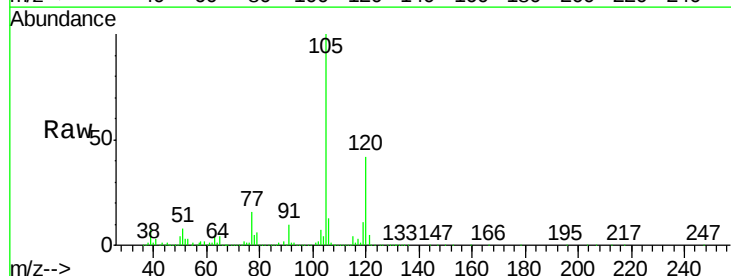
Acq: 21 Feb 2019 21:09

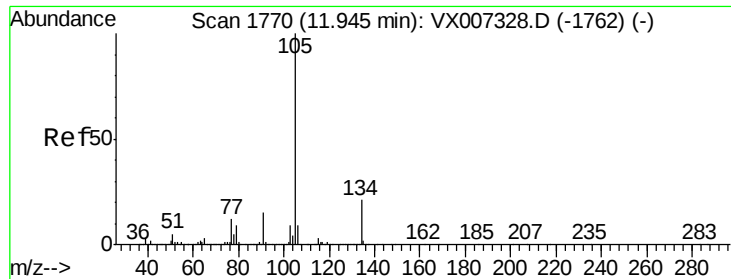
Tgt Ion: 105 Resp: 221196

Ion Ratio Lower Upper

105 100

120 42.3 23.1 69.3

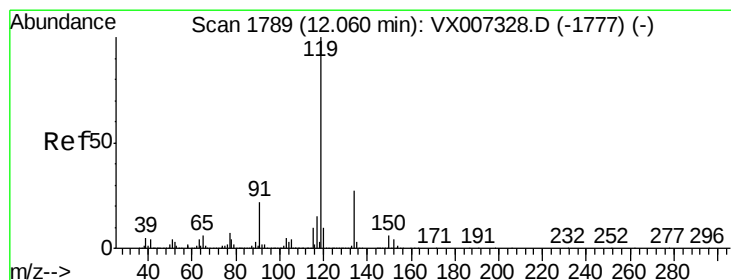
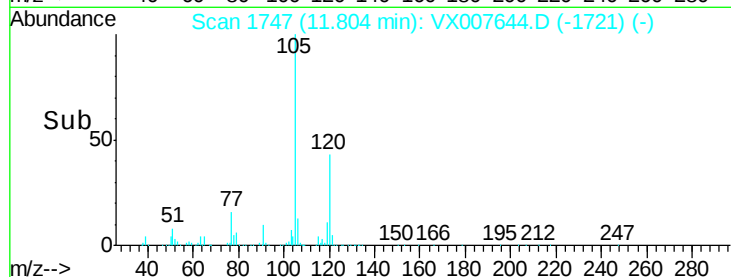
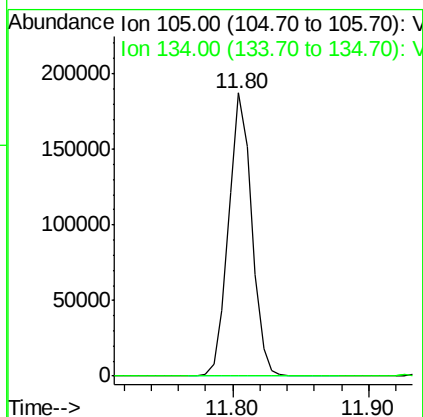
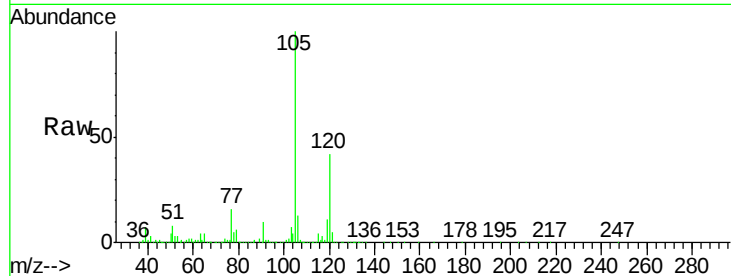




#85
 sec-Butylbenzene
 Concen: 8.973 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.14 min
 Lab File: VX007644.D
 Acq: 21 Feb 2019 21:09

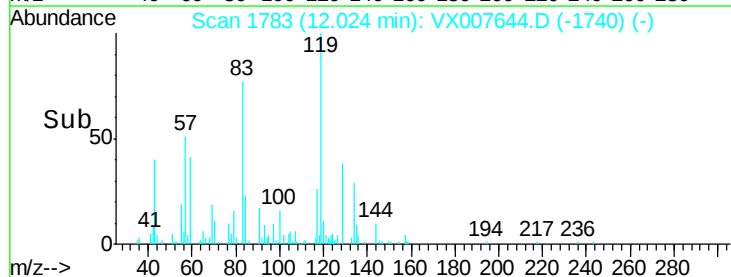
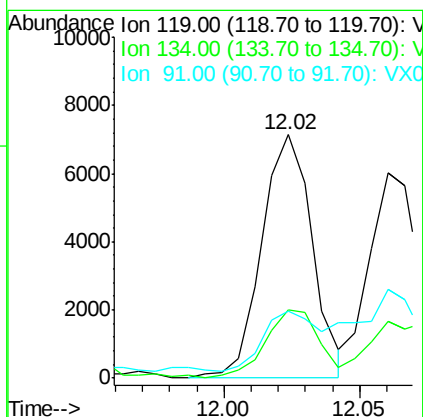
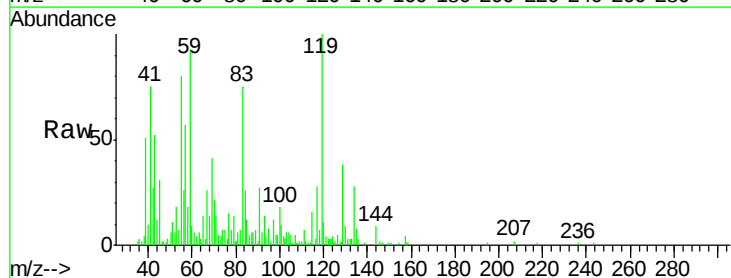
Instrument :
 MSVOA_X
 ClientSampled :
 COMP-2

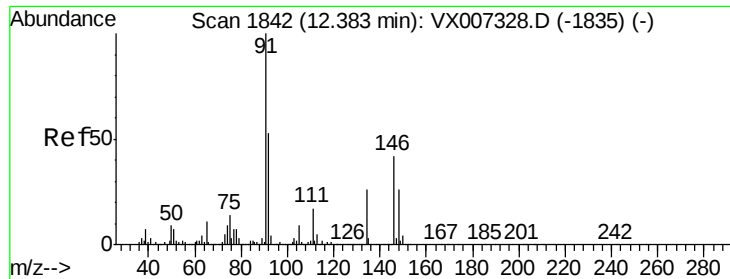
Tot Ion:105 Resp: 221196
 Ion Ratio Lower Upper
 105 100
 134 0.1 10.6 31.8#



#86
 p-Isopropyltoluene
 Concen: 0.412 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.04 min
 Lab File: VX007644.D
 Acq: 21 Feb 2019 21:09

Tgt Ion:119 Resp: 9176
 Ion Ratio Lower Upper
 119 100
 134 29.9 13.7 41.1
 91 26.7 11.2 33.5

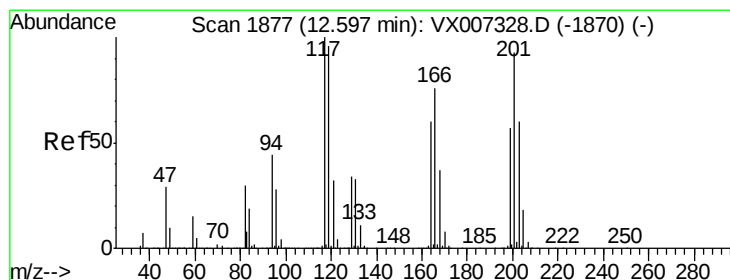
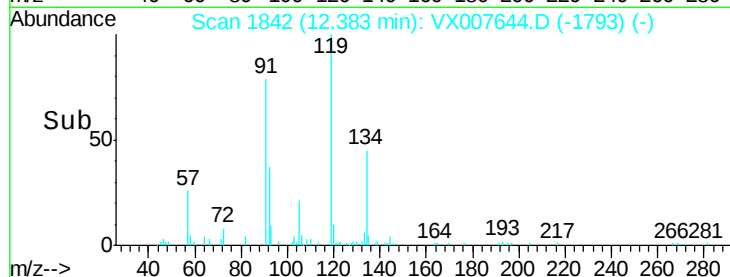
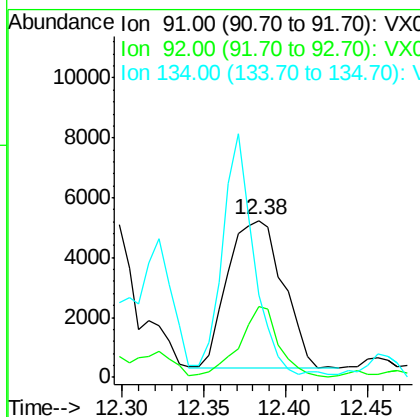
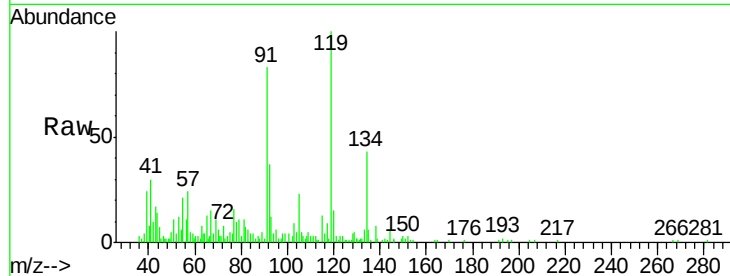




#89
n-Butylbenzene
Concen: 0.611 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX007644.D
Acq: 21 Feb 2019 21:09

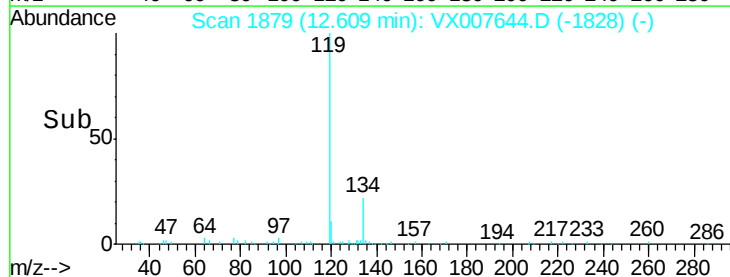
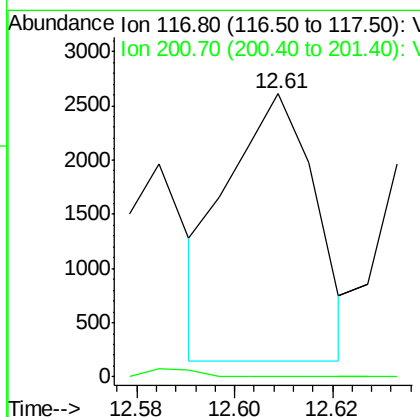
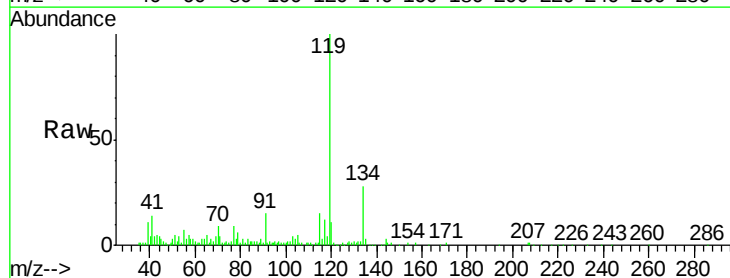
Instrument :
MSVOA_X
ClientSampled :
COMP-2

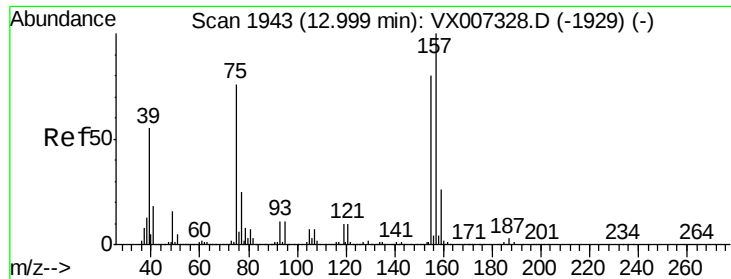
Tot Ion: 91 Resp: 11691
Ion Ratio Lower Upper
91 100
92 34.0 26.3 78.9
134 92.9 13.9 41.6#



#90
Hexachloroethane
Concen: 0.921 ug/l
RT: 12.61 min Scan# 1879
Delta R.T. 0.01 min
Lab File: VX007644.D
Acq: 21 Feb 2019 21:09

Tgt Ion: 117 Resp: 3067
Ion Ratio Lower Upper
117 100
201 0.0 44.9 134.7#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.449 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007644.D

Acq: 21 Feb 2019 21:09

Instrument :

MSVOA_X

ClientSampled :

COMP-2

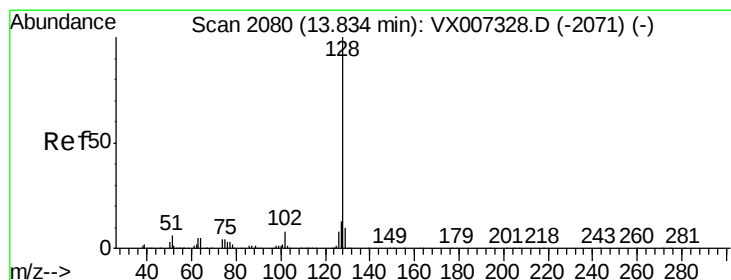
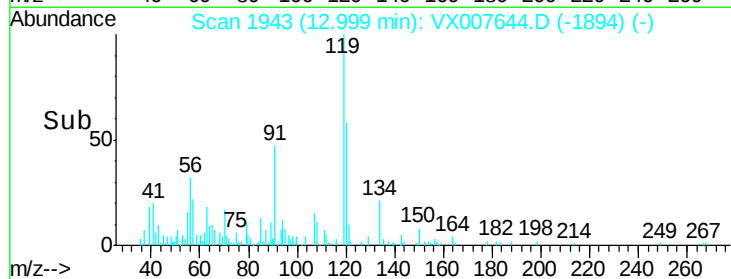
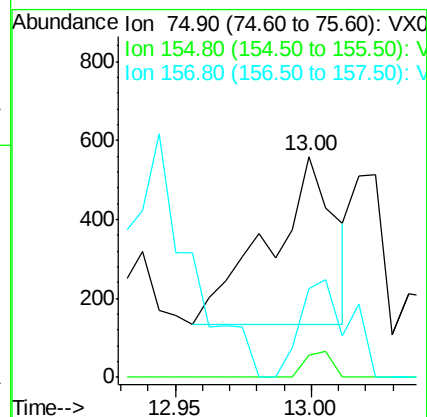
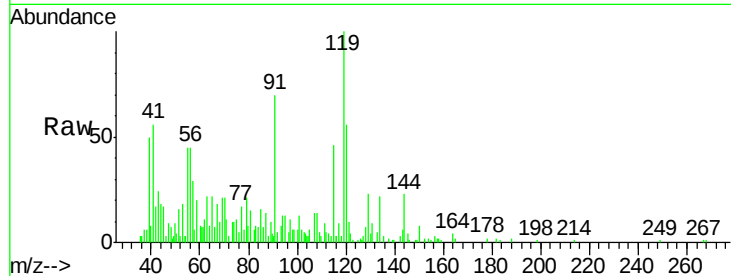
Tot Ion: 75 Resp: 716

Ion Ratio Lower Upper

75 100

155 6.1 49.6 149.0#

157 42.7 65.1 195.3#



#95

Naphthalene

Concen: 137.997 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007644.D

Acq: 21 Feb 2019 21:09

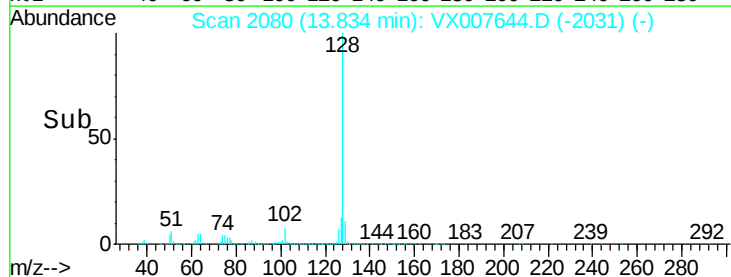
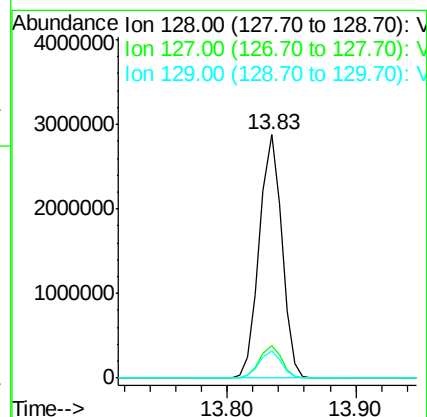
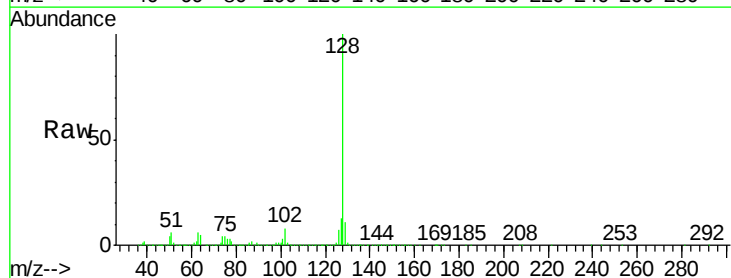
Tgt Ion:128 Resp: 3443622

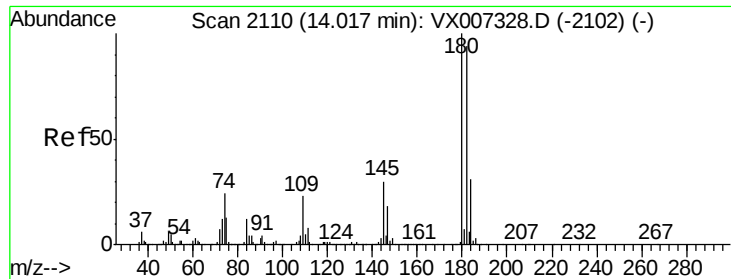
Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 11.0 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.789 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX007644.D
 Acq: 21 Feb 2019 21:09

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-2

Tot Ion	Ratio	Lower	Upper
180	100		
182	14.4	47.5	142.6#
145	34.1	14.9	44.5

