

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080619\
 Data File : VX011347.D
 Acq On : 06 Aug 2019 12:41
 Operator : JC/SP
 Sample : K4155-01 50X
 Misc : 1.0g/10mL/100uL/10mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TS-01_080219DL

Quant Time: Aug 07 01:13:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	184218	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	266761	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	237040	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	118407	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	93642	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
35) Dibromofluoromethane	5.49	113	78762	45.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.44%	
50) Toluene-d8	8.71	98	315058	47.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.84%	
62) 4-Bromofluorobenzene	11.13	95	104967	44.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	618	0.493	ug/l	92
6) Chloroethane	1.75	64	463	Below Cal	#	50
8) Diethyl Ether	2.18	74	251	0.225	ug/l	79
10) Methyl Iodide	2.52	142	615	0.288	ug/l #	83
11) Tert butyl alcohol	3.06	59	76	0.228	ug/l #	1
15) Acrylonitrile	3.12	53	222	0.251	ug/l #	18
16) Acetone	2.43	43	477	0.540	ug/l #	40
20) Methylene Chloride	2.85	84	490	0.253	ug/l #	94
28) Bromochloromethane	5.02	49	270	0.205	ug/l #	4
29) Tetrahydrofuran	5.15	42	281	0.365	ug/l #	40
31) Cyclohexane	5.57	56	626	0.262	ug/l	85
36) 1,1-Dichloropropene	5.65	75	12379	5.315	ug/l #	39
38) Carbon Tetrachloride	5.65	117	17264	7.368	ug/l #	15
39) Methylcyclohexane	7.46	83	2636	0.955	ug/l #	89
49) 1,4-Dioxane	7.66	88	64	1.256	ug/l #	1
53) t-1,3-Dichloropropene	9.04	75	62	2.861	ug/l #	43
67) Ethyl Benzene	10.25	91	7093	0.833	ug/l	98
68) m/p-Xylenes	10.35	106	5112	1.553	ug/l	96
73) Isopropylbenzene	11.02	105	3084	0.381	ug/l	96
74) N-amyl acetate	10.91	43	1293	0.442	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	701	0.260	ug/l #	27
76) 1,2,3-Trichloropropane	11.13	75	52624	24.404	ug/l #	35
78) n-propylbenzene	11.36	91	6440	0.715	ug/l	94
79) 2-Chlorotoluene	11.45	91	2586	0.482	ug/l #	49
80) 1,3,5-Trimethylbenzene	11.51	105	10472	1.545	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.13	75	52624	63.793	ug/l #	11
82) 4-Chlorotoluene	11.50	91	1810	0.289	ug/l #	45
84) 1,2,4-Trimethylbenzene	11.80	105	35364	5.240	ug/l	99
85) sec-Butylbenzene	11.94	105	3917	0.490	ug/l #	72
86) p-Isopropyltoluene	12.06	119	3674	0.500	ug/l	93
89) n-Butylbenzene	12.38	91	8776	1.386	ug/l #	35
90) Hexachloroethane	12.60	117	1324	1.219	ug/l #	8
92) 1,2-Dibromo-3-Chloropropan	13.01	75	282	0.539	ug/l #	20
95) Naphthalene	13.83	128	64616	8.357	ug/l	98

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Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration

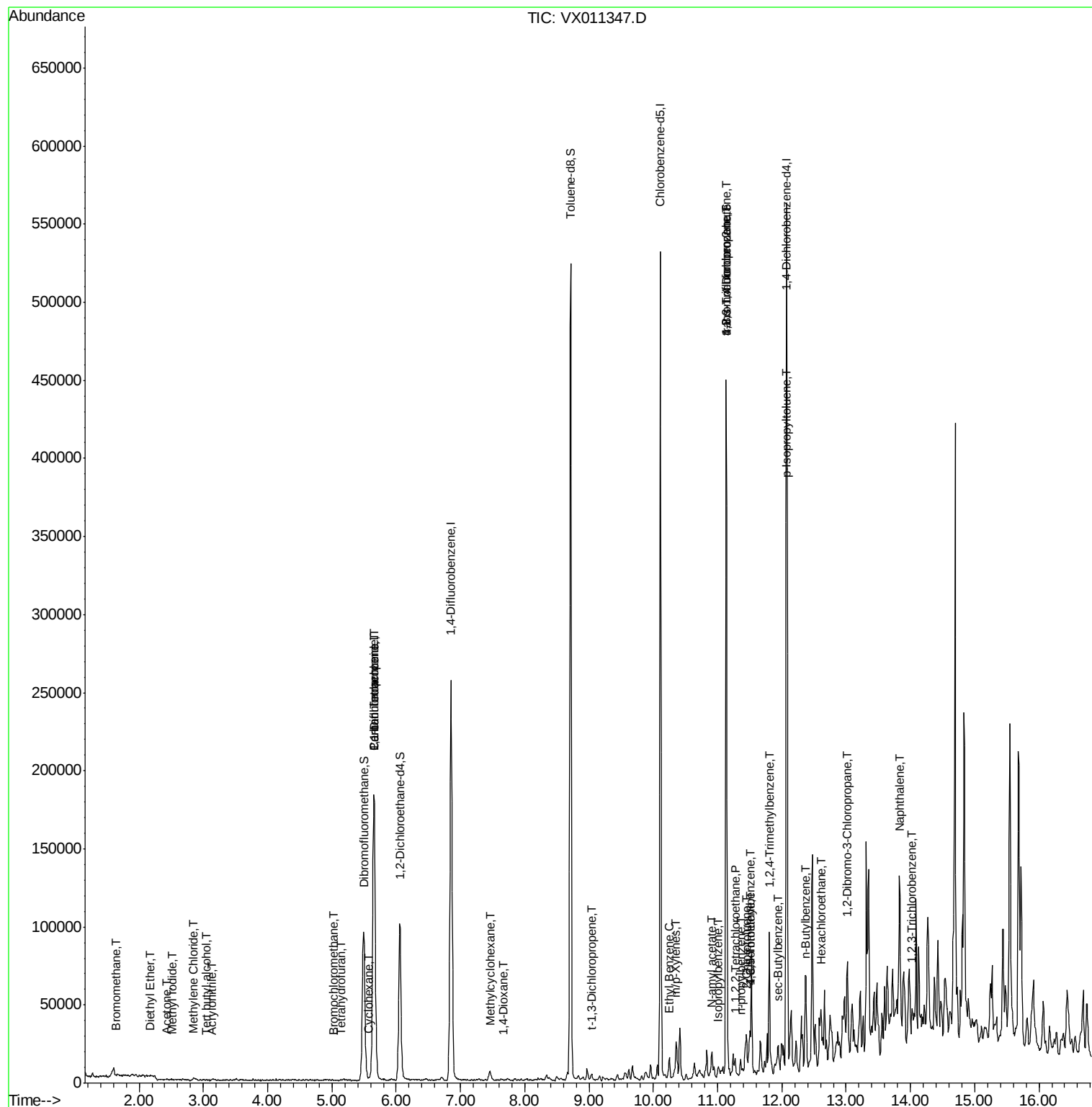
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.03	180	638	0.237	ug/l #	1

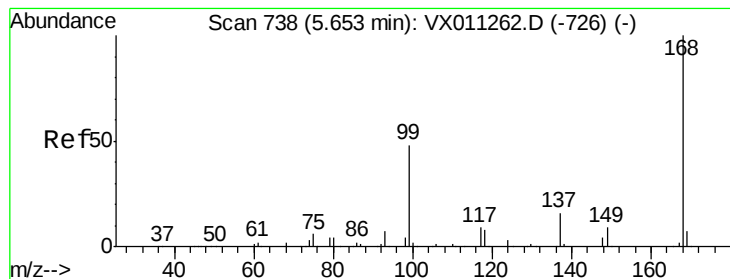
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011347.D

Acq: 06 Aug 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

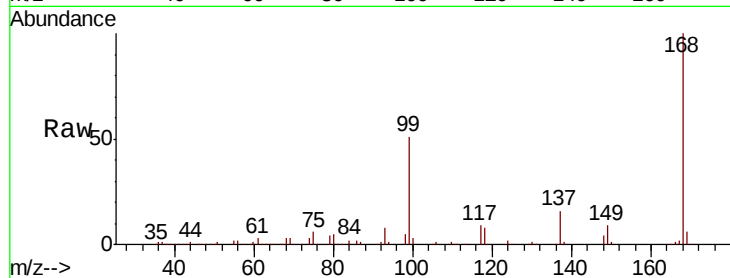
TS-01_080219DL

Tgt Ion: 168 Resp: 184218

Ion Ratio Lower Upper

168 100

99 51.2 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

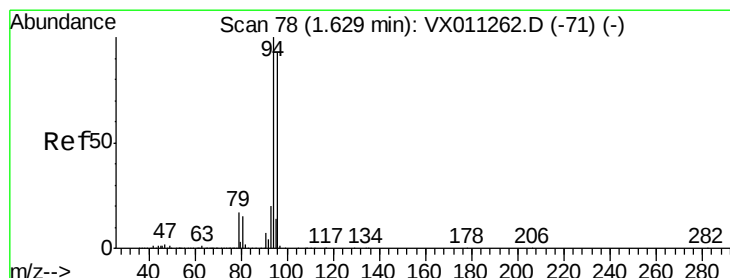
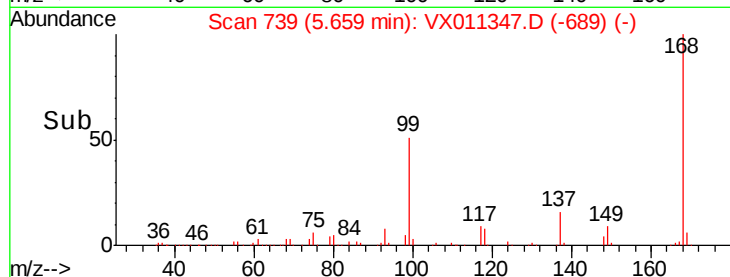
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.493 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.01 min

Lab File: VX011347.D

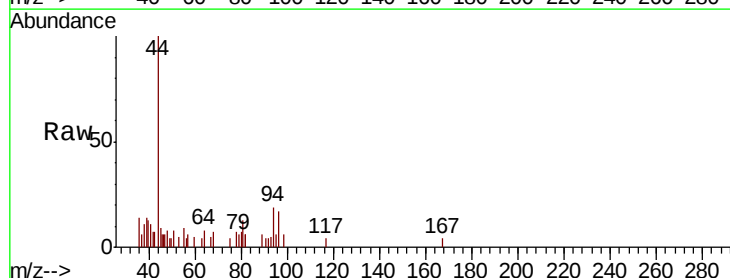
Acq: 06 Aug 2019 12:41

Tgt Ion: 94 Resp: 618

Ion Ratio Lower Upper

94 100

96 85.5 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

300

250

200

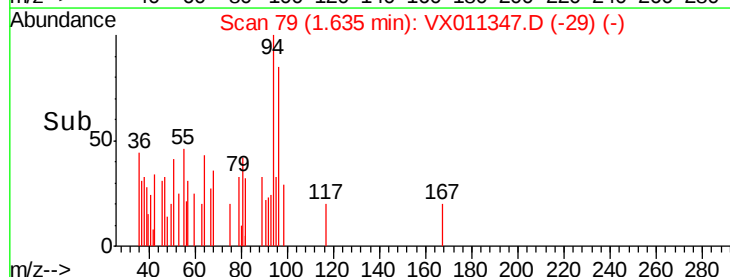
150

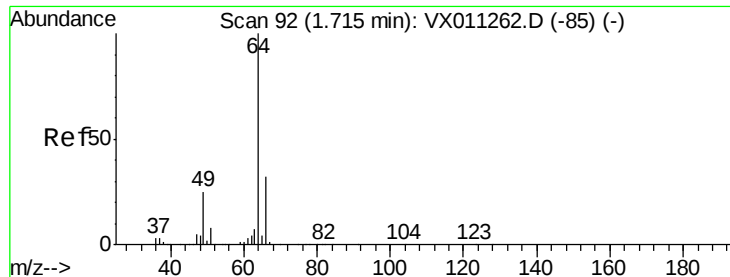
100

50

0

Time--> 1.60 1.65 1.70





#6

Chloroethane

Concen: Below Cal

RT: 1.75 min Scan# 97

Delta R.T. 0.03 min

Lab File: VX011347.D

Acq: 06 Aug 2019 12:41

Instrument :

MSVOA_X

ClientSampled :

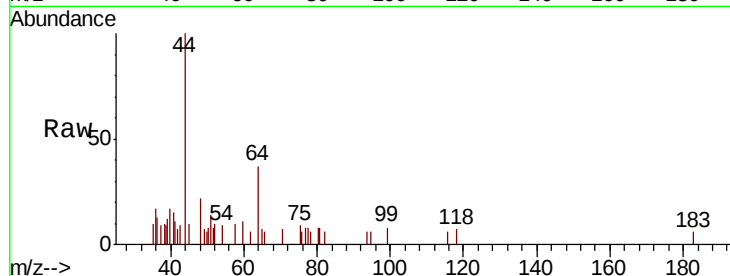
TS-01_080219DL

Tgt Ion: 64 Resp: 463

Ion Ratio Lower Upper

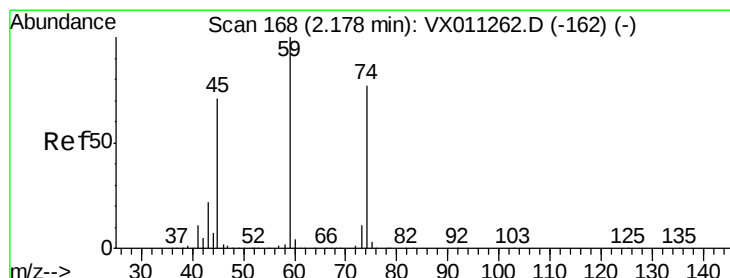
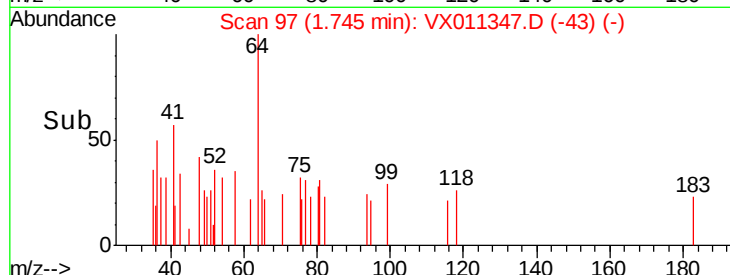
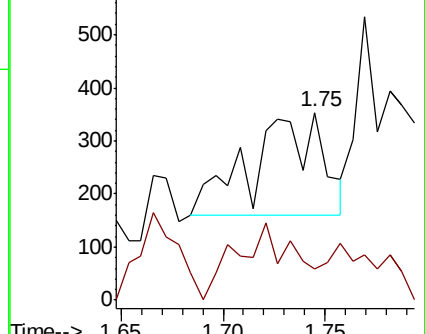
64 100

66 3.6 25.1 37.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#8

Diethyl Ether

Concen: 0.225 ug/l

RT: 2.18 min Scan# 168

Delta R.T. 0.00 min

Lab File: VX011347.D

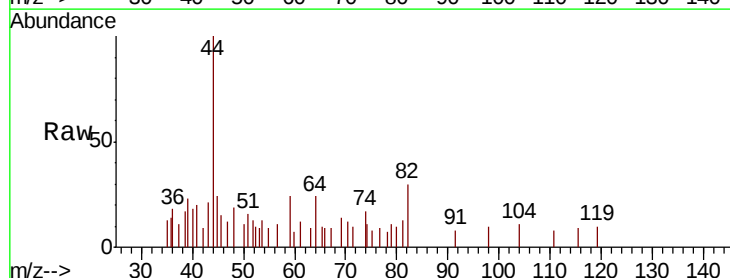
Acq: 06 Aug 2019 12:41

Tgt Ion: 74 Resp: 251

Ion Ratio Lower Upper

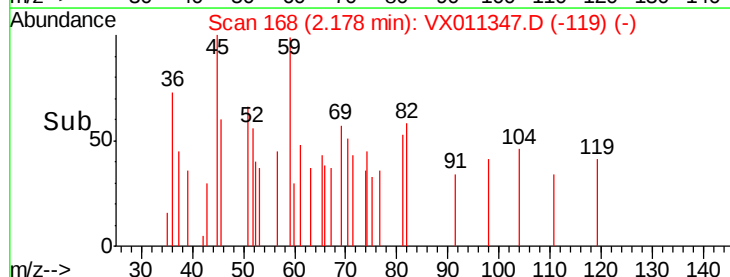
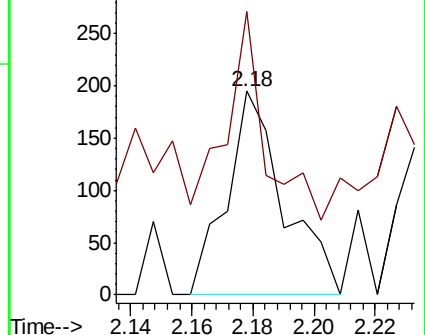
74 100

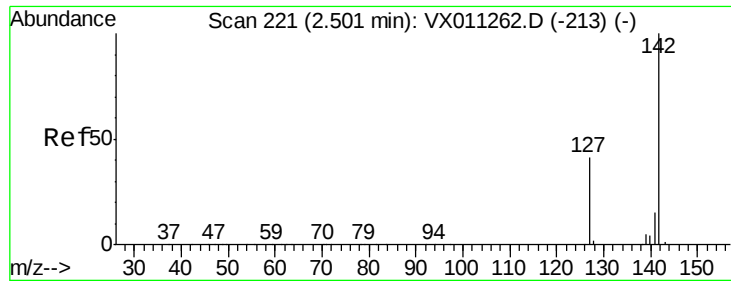
45 72.1 46.1 138.3



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

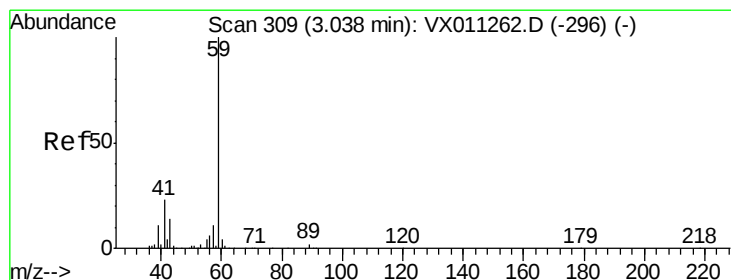
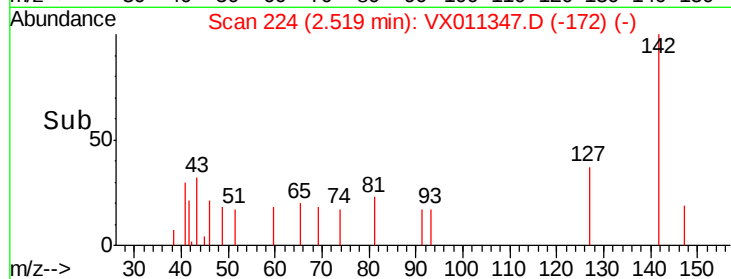
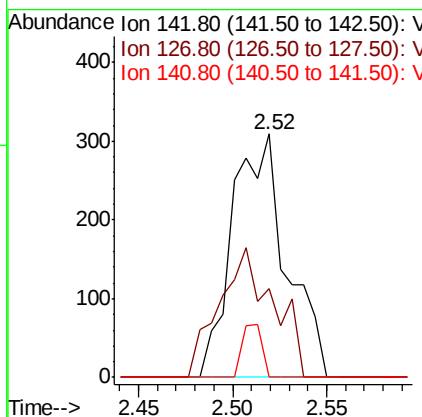
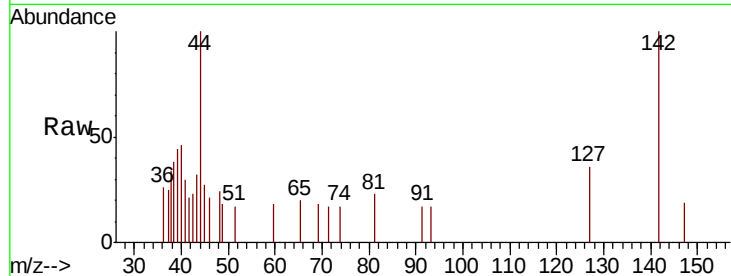




#10
Methyl Iodide
Concen: 0.288 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.02 min
Lab File: VX011347.D
Acq: 06 Aug 2019 12:41

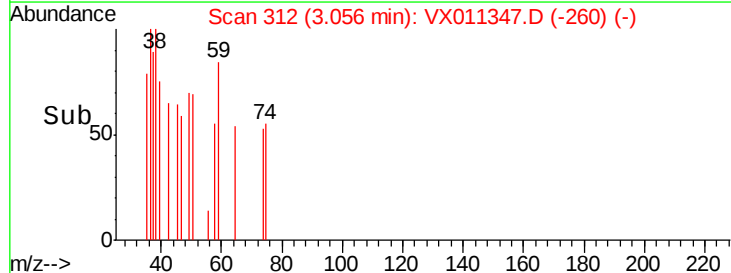
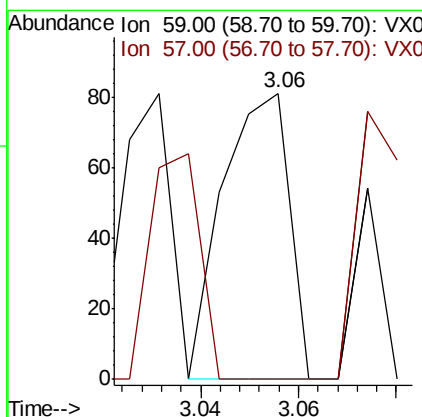
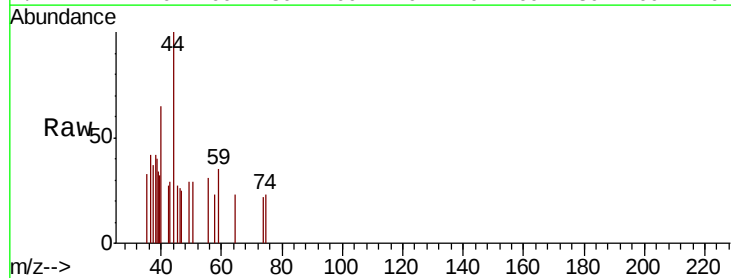
Instrument :
MSVOA_X
ClientSampleId :
TS-01_080219DL

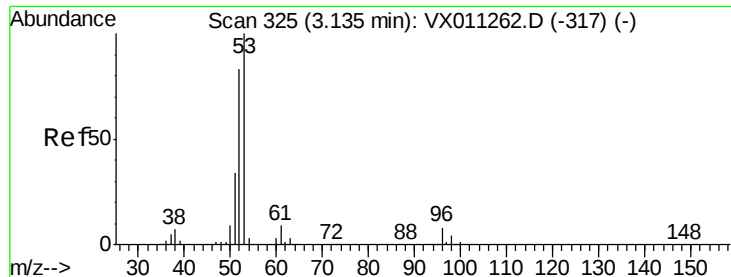
Tgt Ion: 142 Resp: 615
Ion Ratio Lower Upper
142 100
127 53.5 33.8 50.8#
141 7.8 11.4 17.2#



#11
Tert butyl alcohol
Concen: 0.228 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.02 min
Lab File: VX011347.D
Acq: 06 Aug 2019 12:41

Tgt Ion: 59 Resp: 76
Ion Ratio Lower Upper
59 100
57 59.2 8.3 12.5#





#15

Acrylonitrile

Concen: 0.251 ug/l

RT: 3.12 min Scan# 323

Delta R.T. -0.01 min

Lab File: VX011347.D

Acq: 06 Aug 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

TS-01_080219DL

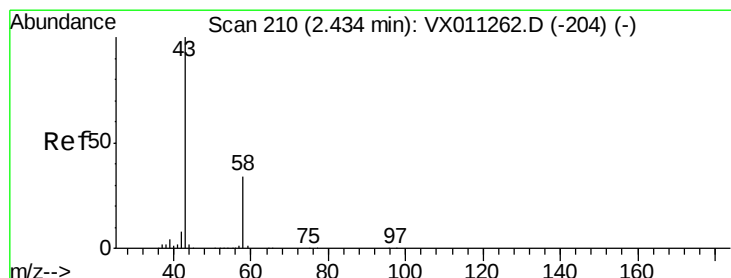
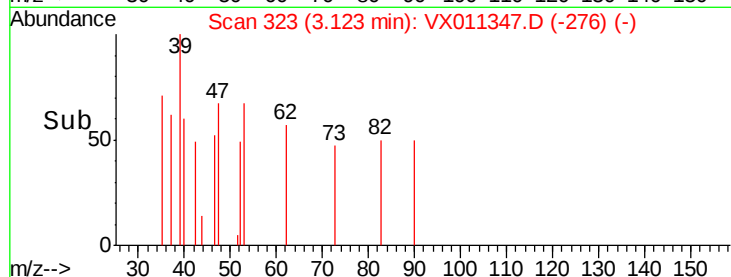
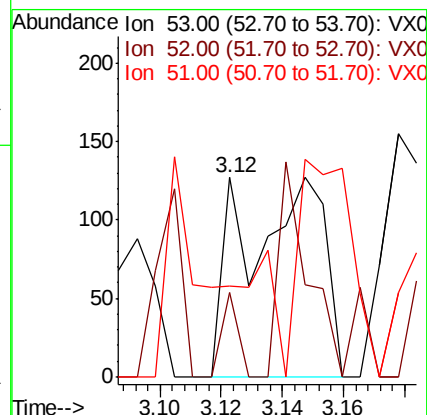
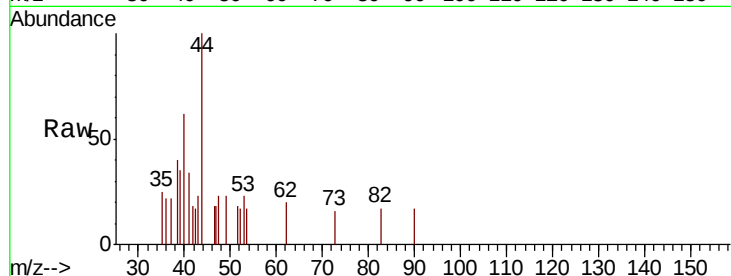
Tgt Ion: 53 Resp: 222

Ion Ratio Lower Upper

53 100

52 0.0 65.5 98.3#

51 0.0 27.9 41.9#



#16

Acetone

Concen: 0.540 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011347.D

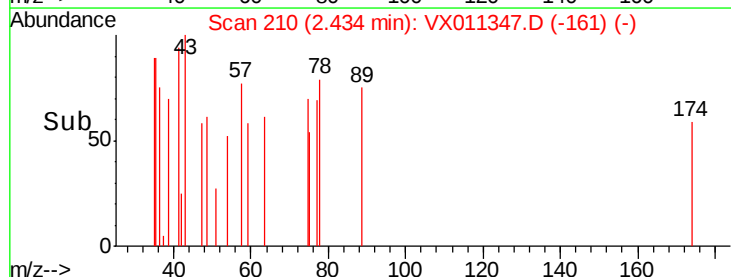
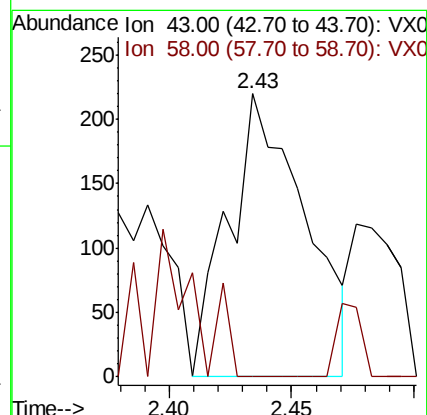
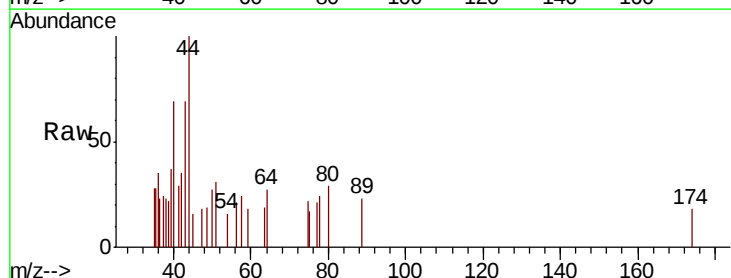
Acq: 06 Aug 2019 12:41

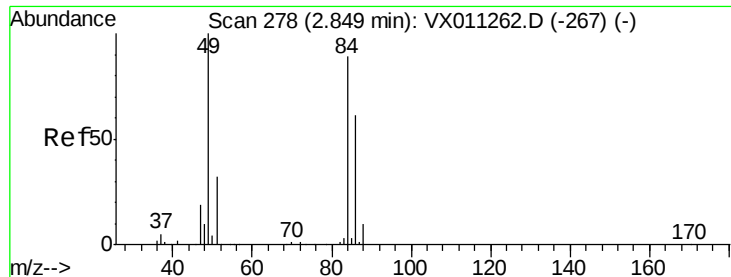
Tgt Ion: 43 Resp: 477

Ion Ratio Lower Upper

43 100

58 0.0 27.4 41.0#

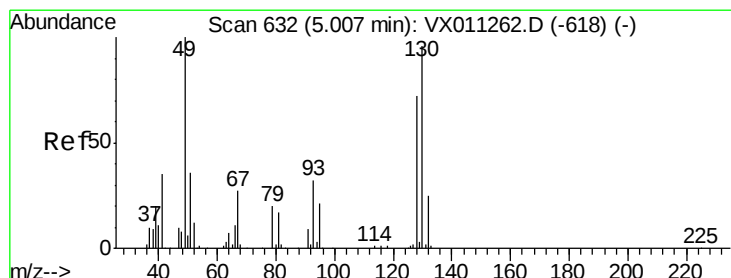
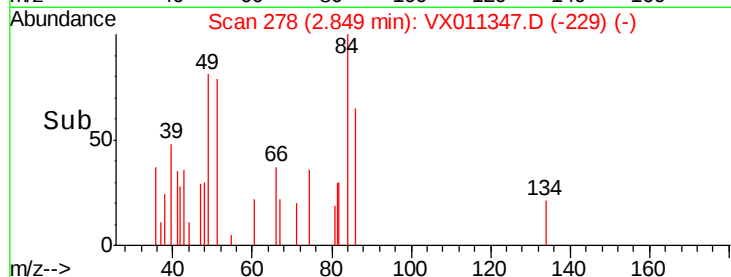
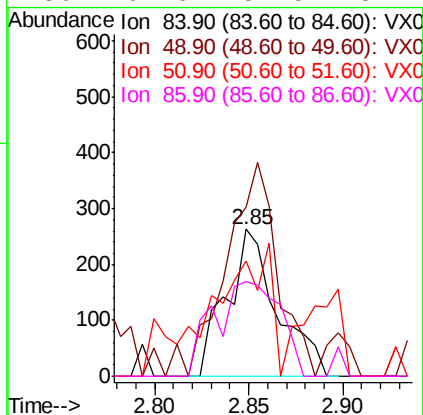
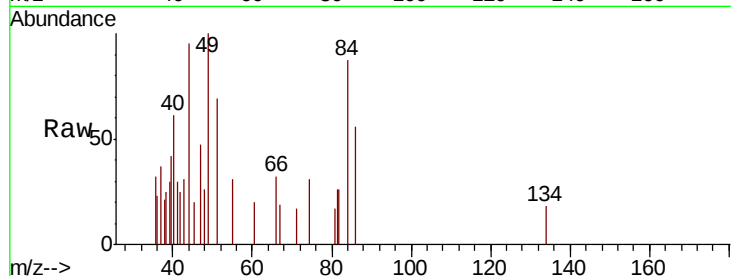




#20
Methylene Chloride
Concen: 0.253 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011347.D
Acq: 06 Aug 2019 12:41

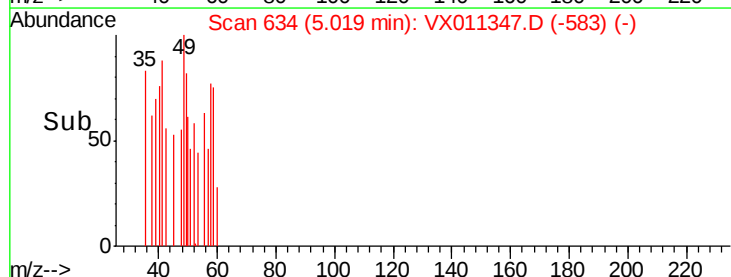
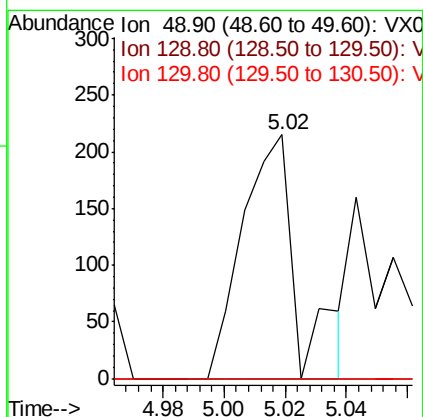
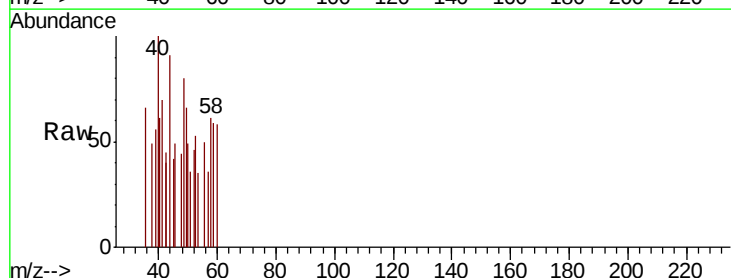
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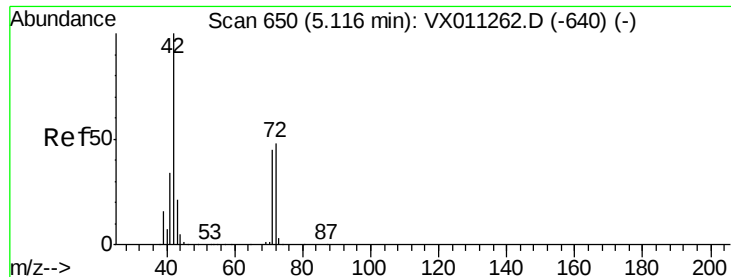
Tgt Ion:	84	Resp:	490
Ion	Ratio	Lower	Upper
84	100		
49	114.8	89.3	133.9
51	44.9	28.3	42.5
86	64.6	54.5	81.7



#28
Bromochloromethane
Concen: 0.205 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX011347.D
Acq: 06 Aug 2019 12:41

Tgt Ion:	49	Resp:	270
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.8
130	0.0	77.9	116.9





#29

Tetrahydrofuran

Concen: 0.365 ug/l

RT: 5.15 min Scan# 655

Delta R.T. 0.03 min

Lab File: VX011347.D

Acq: 06 Aug 2019 12:41

Instrument :

MSVOA_X

ClientSampled :

TS-01_080219DL

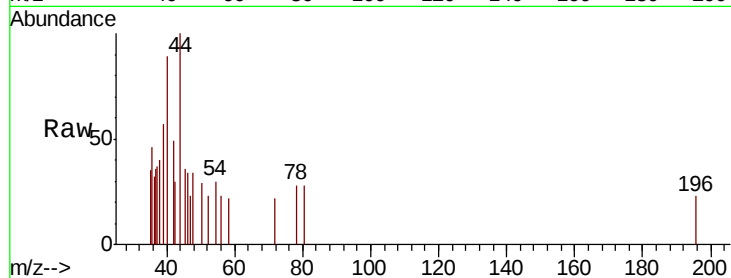
Tgt Ion: 42 Resp: 281

Ion Ratio Lower Upper

42 100

72 14.2 39.9 59.9#

71 0.0 36.9 55.3#



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

250

200

150

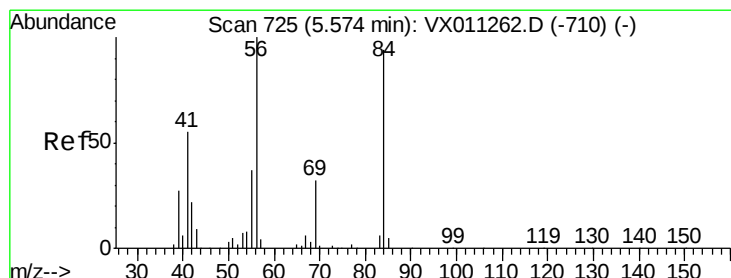
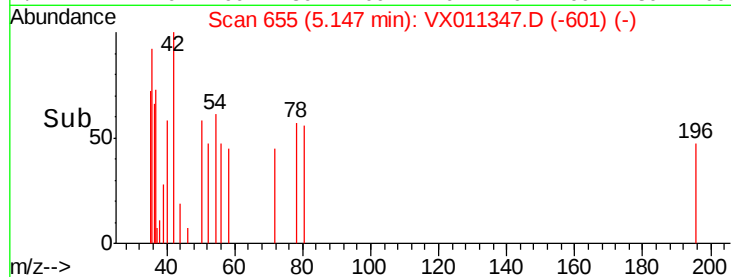
100

50

0

5.10 5.12 5.14 5.16 5.18

Time-->



#31

Cyclohexane

Concen: 0.262 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX011347.D

Acq: 06 Aug 2019 12:41

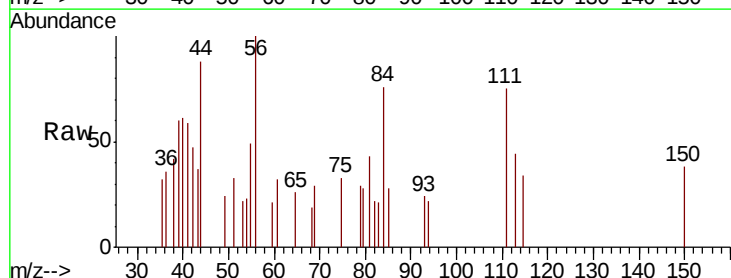
Tgt Ion: 56 Resp: 626

Ion Ratio Lower Upper

56 100

69 29.0 25.5 38.3

84 75.7 75.0 112.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

600

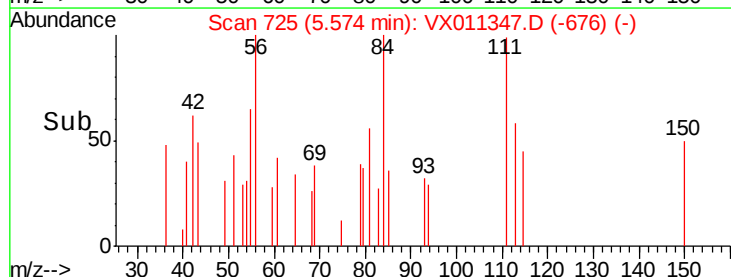
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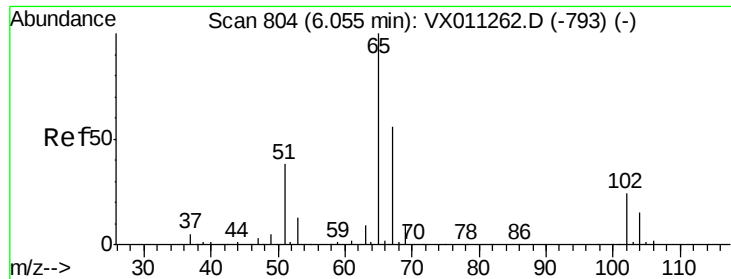
200

0

5.50 5.55 5.60

Time-->

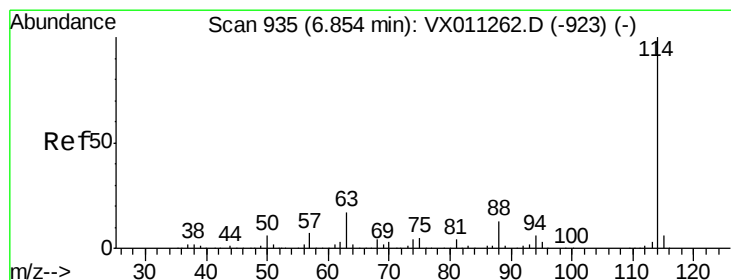
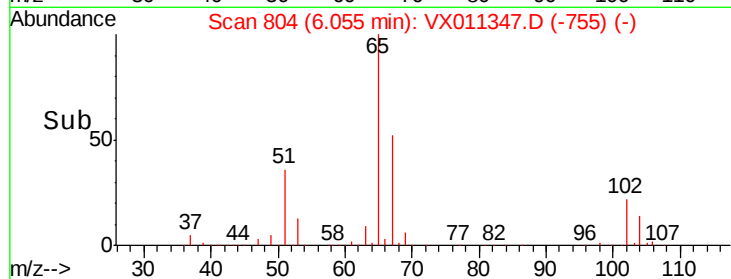
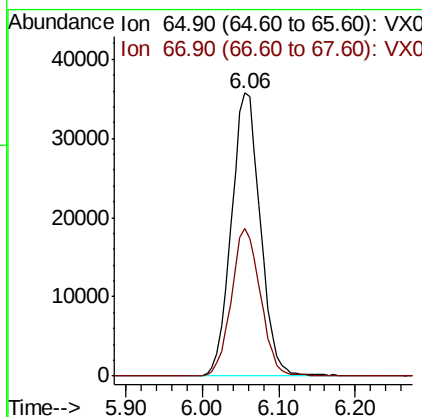
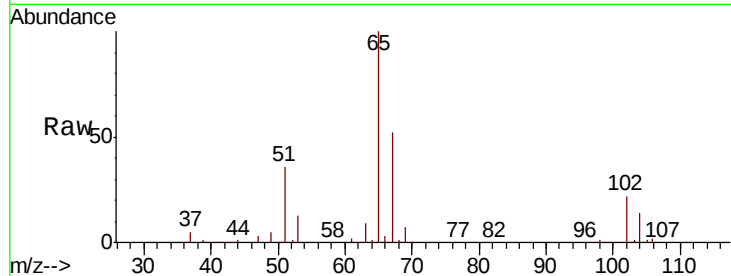




#33
 1,2-Dichloroethane-d4
 Concen: 50.476 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011347.D
 Acq: 06 Aug 2019 12:41

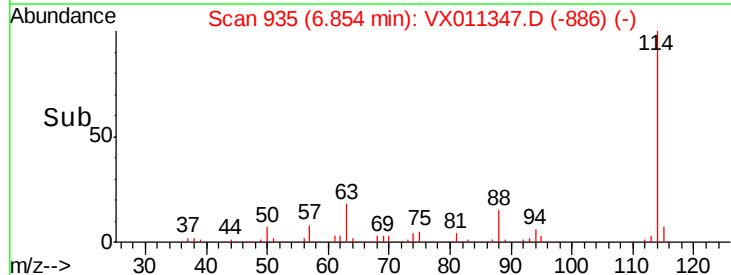
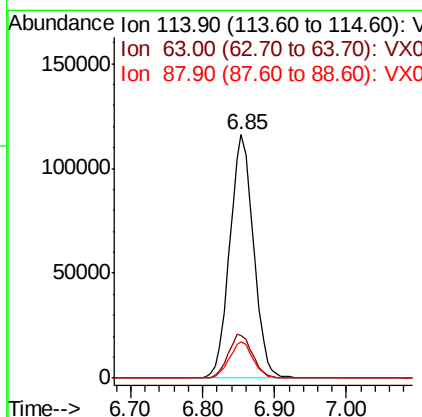
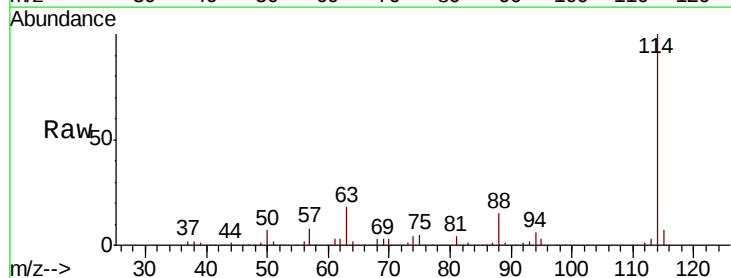
Instrument :
 MSVOA_X
 ClientSampleId :
 TS-01_080219DL

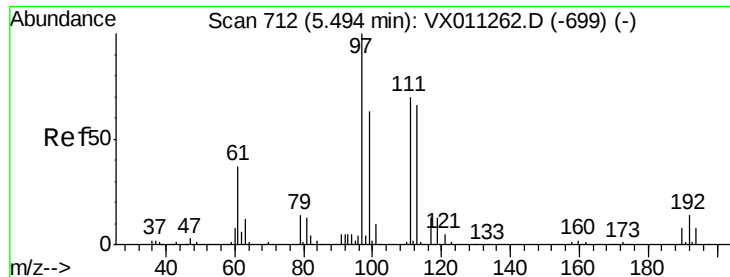
Tgt Ion: 65 Resp: 93642
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011347.D
 Acq: 06 Aug 2019 12:41

Tgt Ion: 114 Resp: 266761
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 34.0
 88 15.0 0.0 26.4





#35

Dibromofluoromethane

Concen: 45.223 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011347.D

Acq: 06 Aug 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

TS-01_080219DL

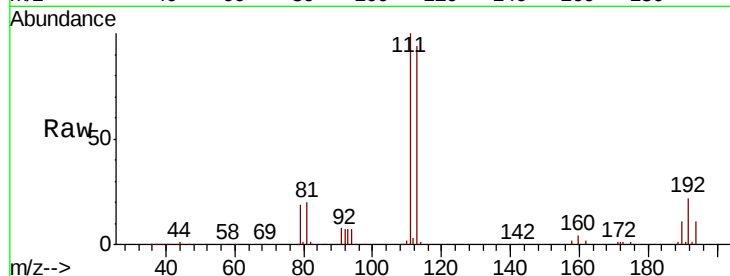
Tgt Ion:113 Resp: 78762

Ion Ratio Lower Upper

113 100

111 103.6 81.9 122.9

192 22.6 17.8 26.8

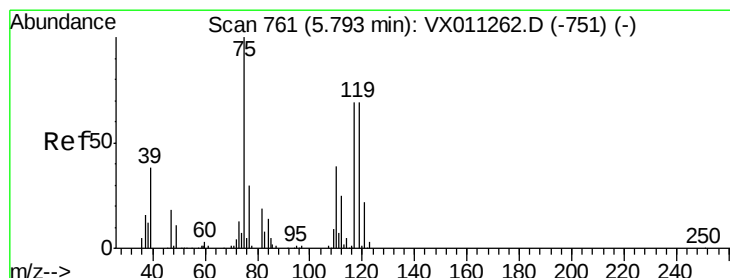
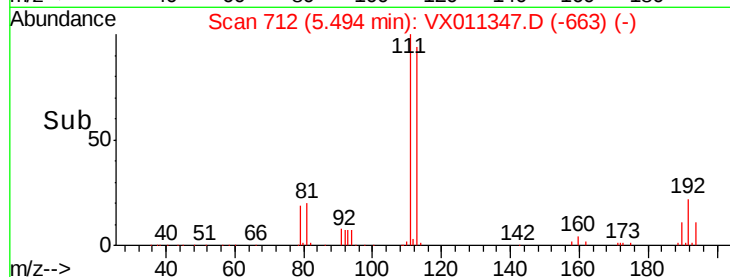
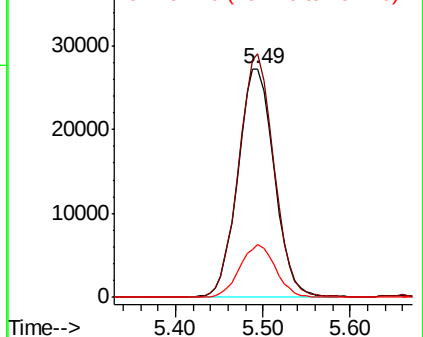


Abundance

Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.315 ug/l

RT: 5.65 min Scan# 737

Delta R.T. -0.15 min

Lab File: VX011347.D

Acq: 06 Aug 2019 12:41

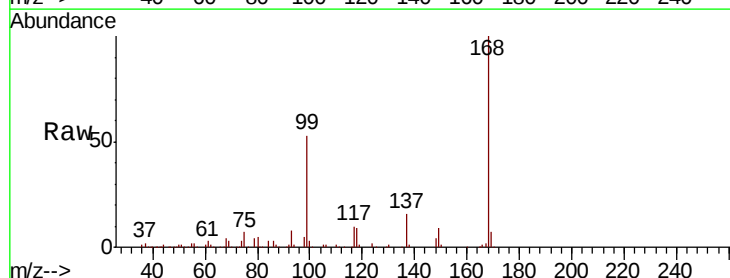
Tgt Ion: 75 Resp: 12379

Ion Ratio Lower Upper

75 100

110 0.0 20.0 59.9#

77 0.0 24.8 37.2#

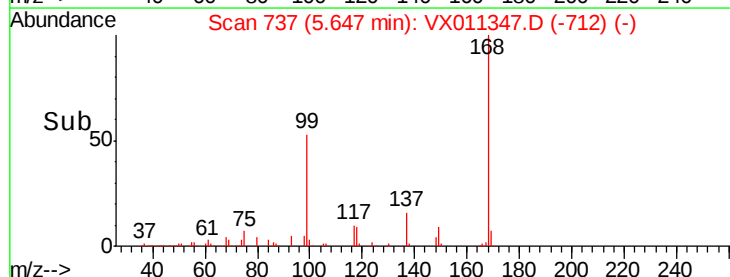
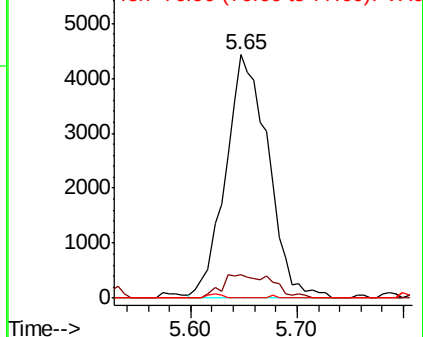


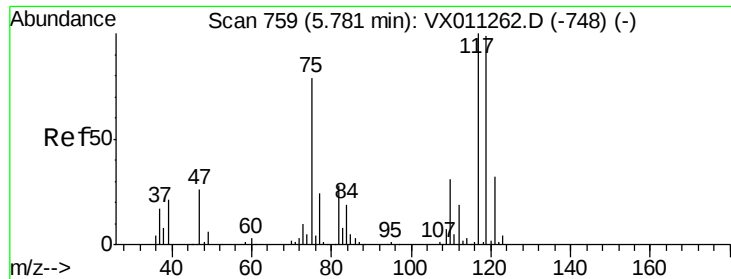
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

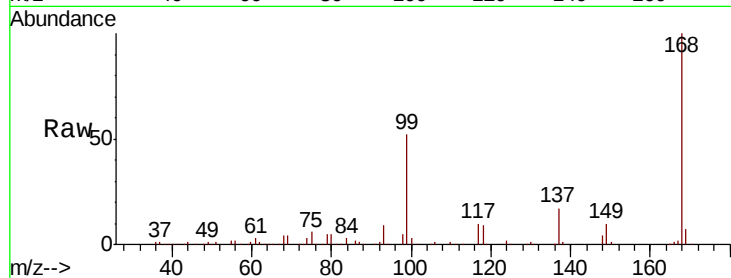




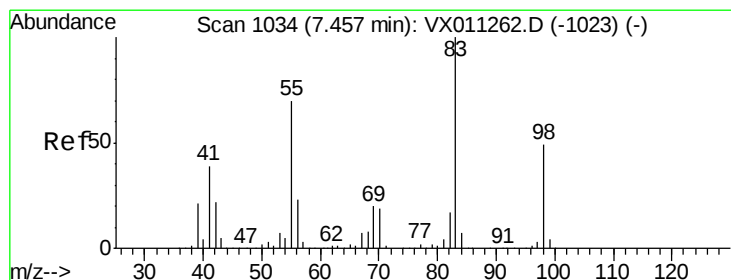
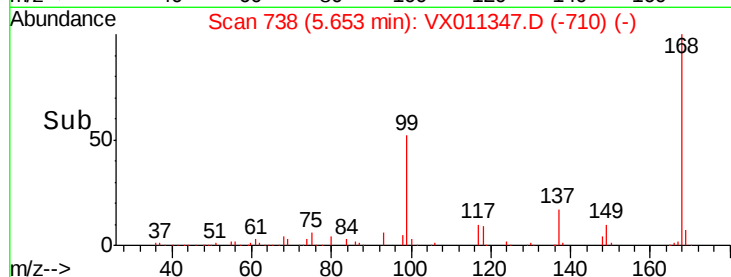
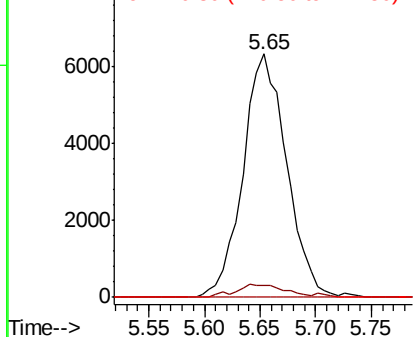
#38
Carbon Tetrachloride
Concen: 7.368 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.13 min
Lab File: VX011347.D
Acq: 06 Aug 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
TS-01_080219DL

Tgt Ion:117 Resp: 17264
Ion Ratio Lower Upper
117 100
119 4.9 79.0 118.4#
121 0.0 25.9 38.9#

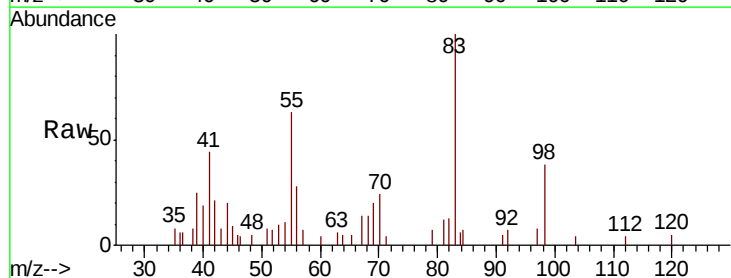


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

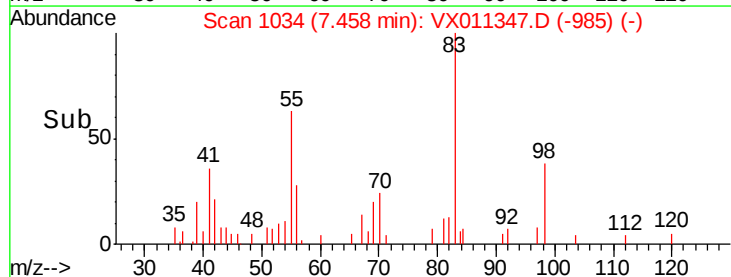
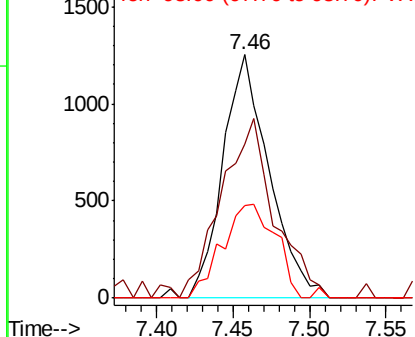


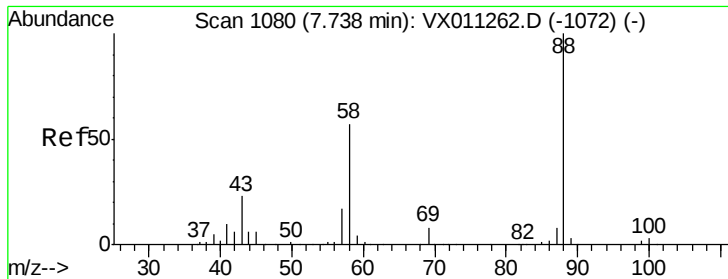
#39
Methylcyclohexane
Concen: 0.955 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011347.D
Acq: 06 Aug 2019 12:41

Tgt Ion: 83 Resp: 2636
Ion Ratio Lower Upper
83 100
55 63.4 56.1 84.1
98 38.1 39.0 58.4#



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

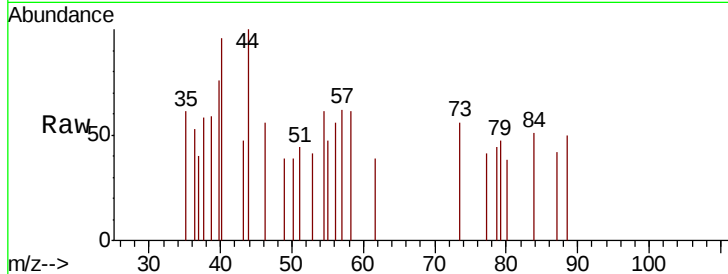




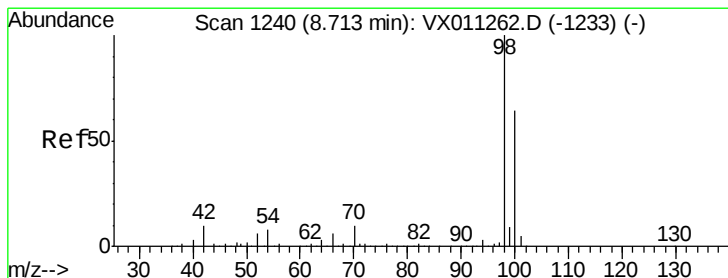
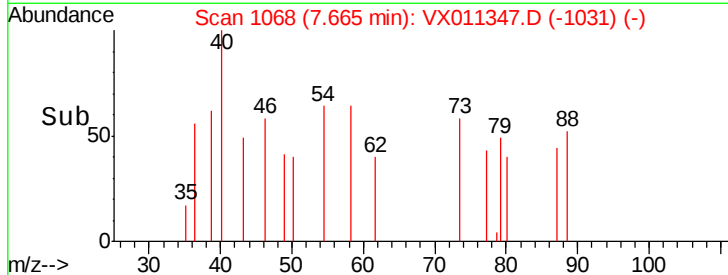
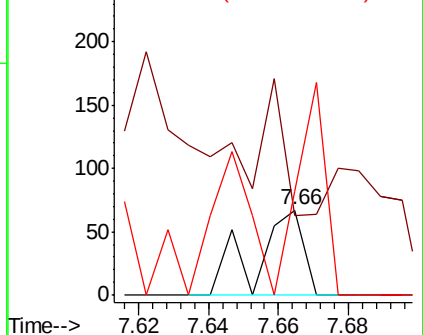
#49
 1,4-Dioxane
 Concen: 1.256 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.07 min
 Lab File: VX011347.D
 Acq: 06 Aug 2019 12:41

Instrument :
 MSVOA_X
 ClientSampleID :
 TS-01_080219DL

Tgt Ion: 88 Resp: 64
 Ion Ratio Lower Upper
 88 100
 43 200.0 22.2 33.2#
 58 142.2 47.8 71.8#

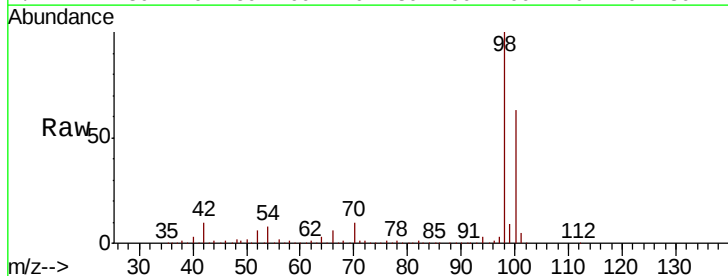


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

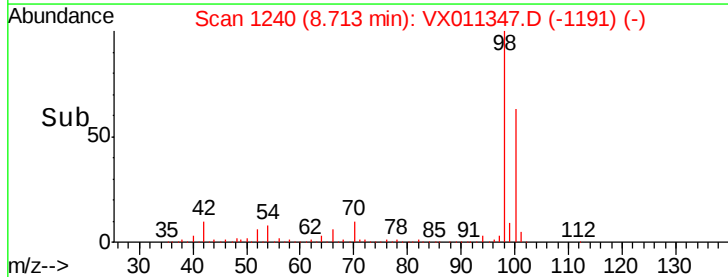
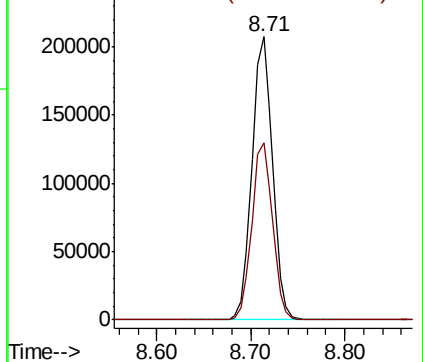


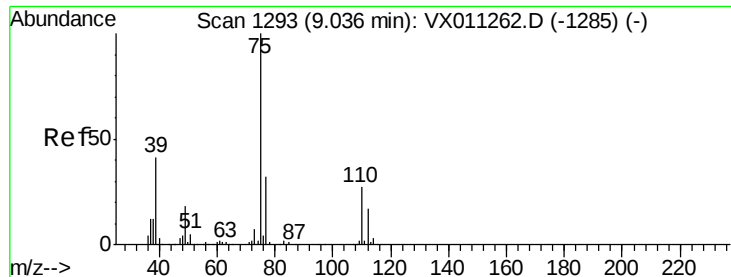
#50
 Toluene-d8
 Concen: 47.924 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX011347.D
 Acq: 06 Aug 2019 12:41

Tgt Ion: 98 Resp: 315058
 Ion Ratio Lower Upper
 98 100
 100 63.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V

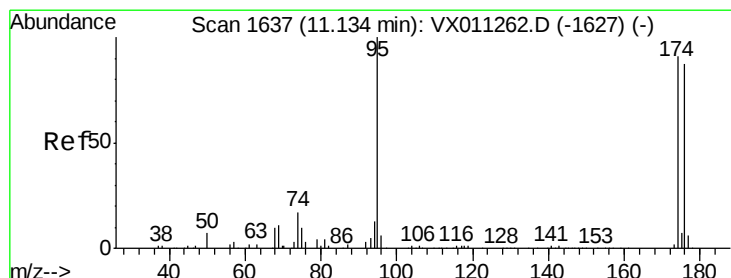
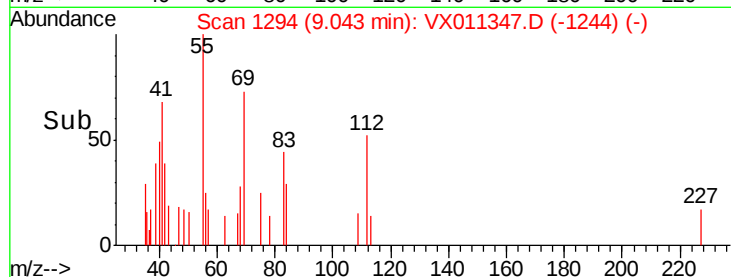
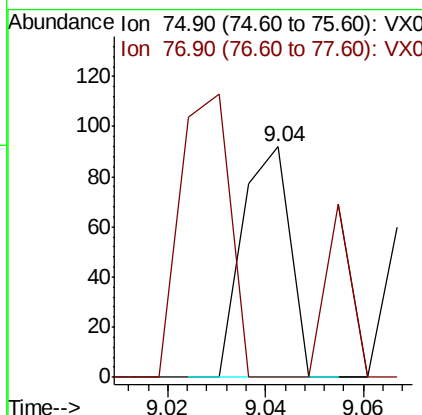
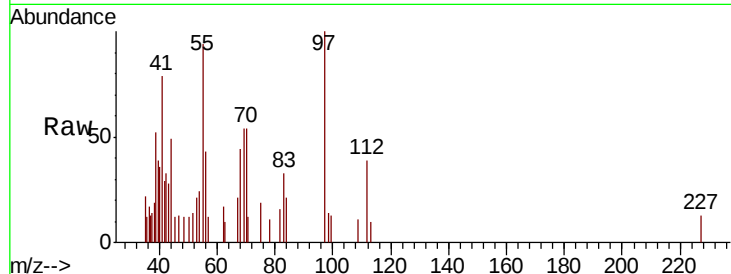




#53
t-1,3-Dichloropropene
Concen: 2.861 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VX011347.D
Acq: 06 Aug 2019 12:41

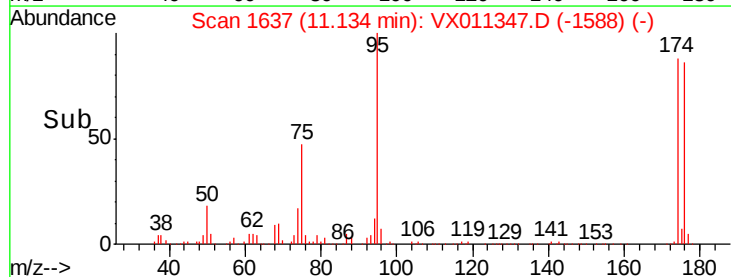
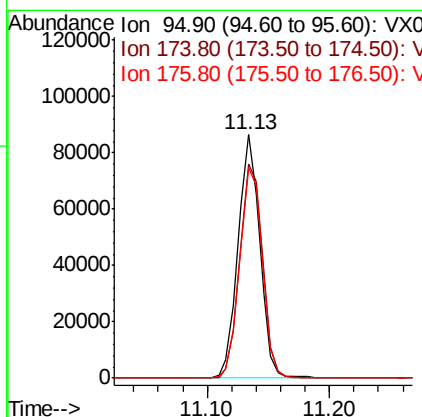
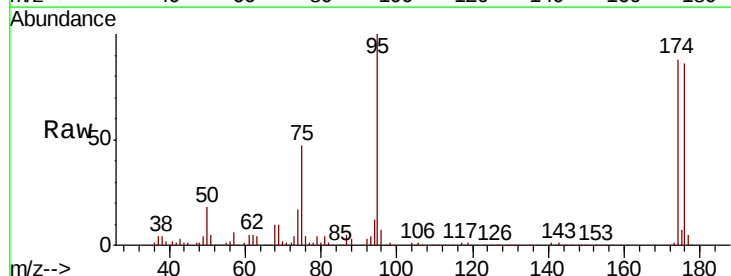
Instrument :
MSVOA_X
ClientSampleId :
TS-01_080219DL

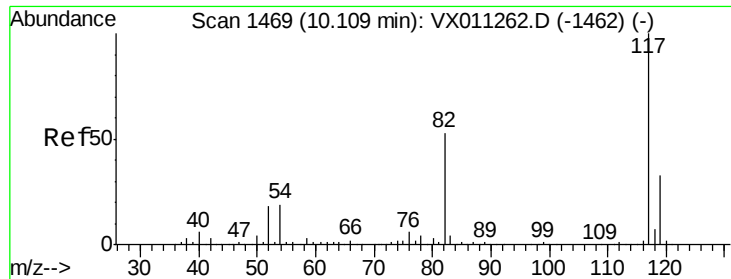
Tgt Ion: 75 Resp: 62
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#



#62
4-Bromofluorobenzene
Concen: 44.721 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011347.D
Acq: 06 Aug 2019 12:41

Tgt Ion: 95 Resp: 104967
Ion Ratio Lower Upper
95 100
174 92.9 0.0 191.2
176 90.5 0.0 184.8

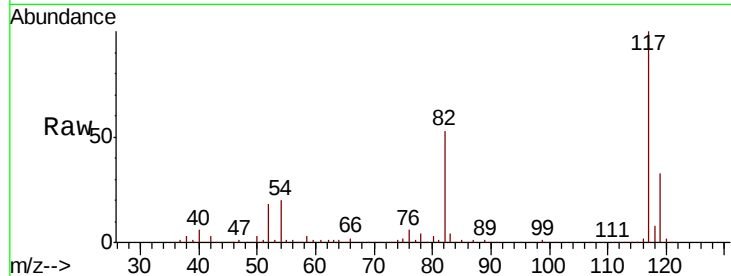




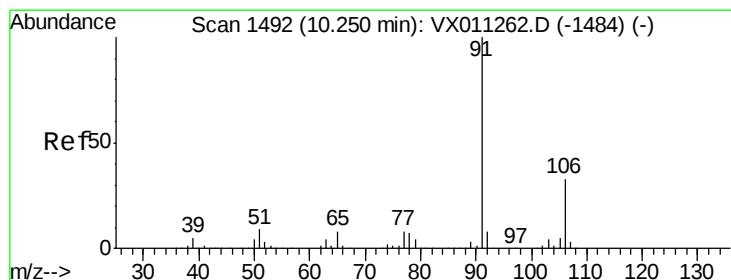
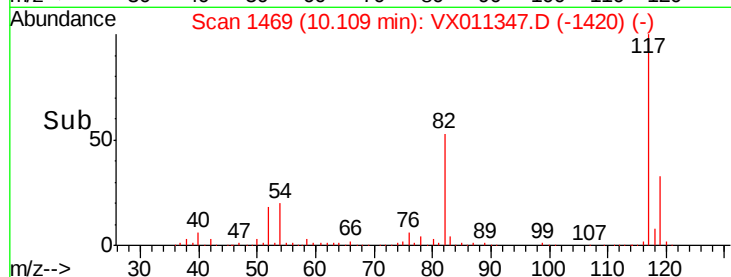
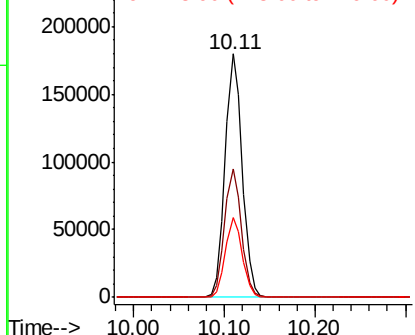
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011347.D
Acq: 06 Aug 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
TS-01_080219DL

Tgt Ion: 117 Resp: 237040
Ion Ratio Lower Upper
117 100
82 52.7 42.2 63.2
119 32.7 26.6 39.8

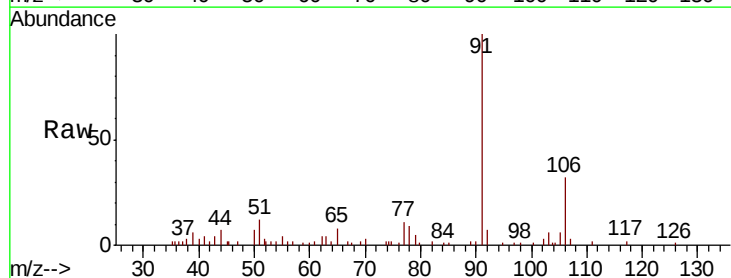


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

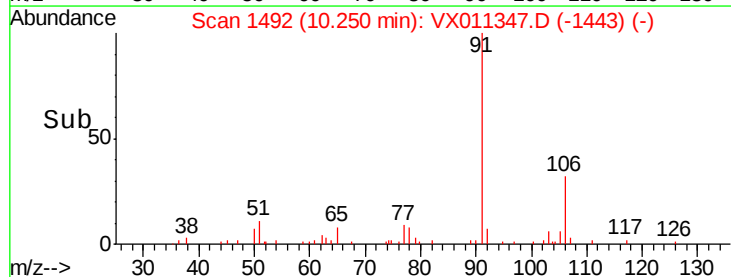
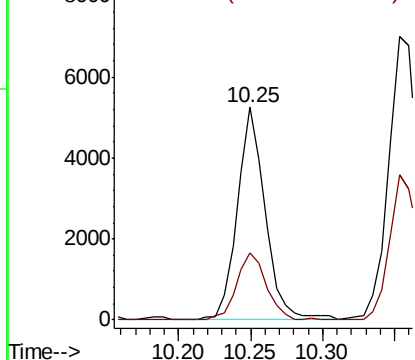


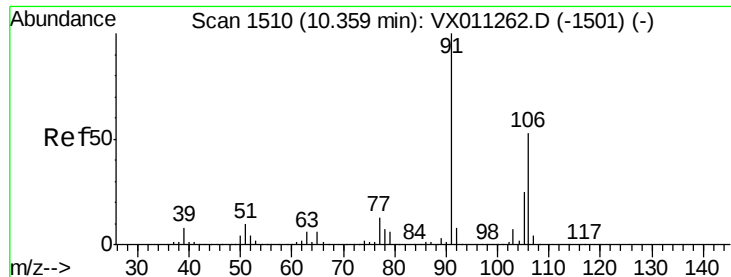
#67
Ethyl Benzene
Concen: 0.833 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011347.D
Acq: 06 Aug 2019 12:41

Tgt Ion: 91 Resp: 7093
Ion Ratio Lower Upper
91 100
106 31.6 26.2 39.4



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V

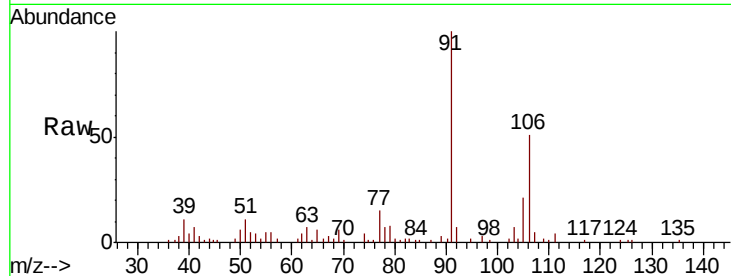




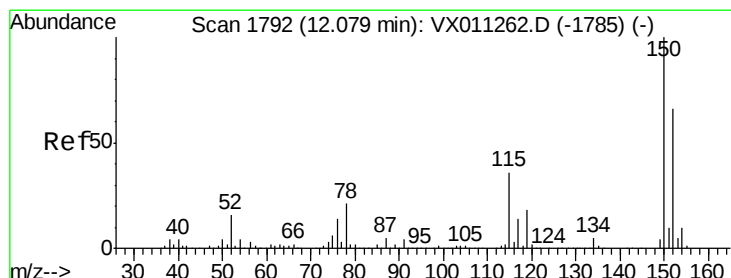
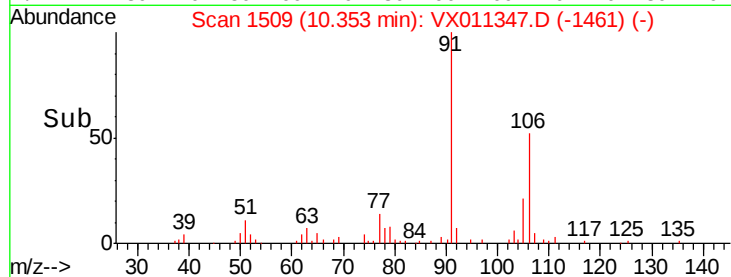
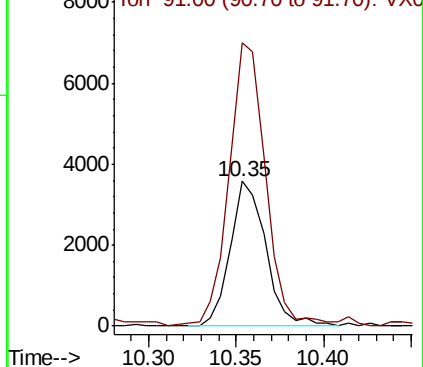
#68
m/p-Xylenes
Concen: 1.553 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX011347.D
Acq: 06 Aug 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
TS-01_080219DL

Tgt Ion:106 Resp: 5112
Ion Ratio Lower Upper
106 100
91 200.4 155.9 233.9

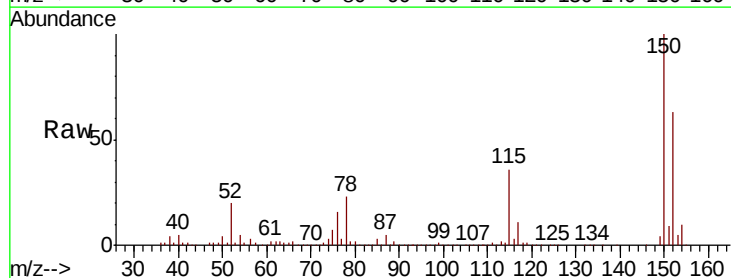


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

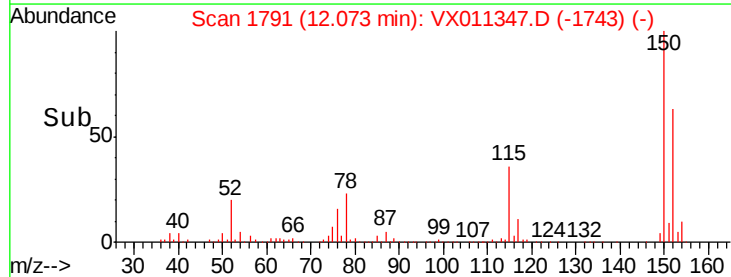
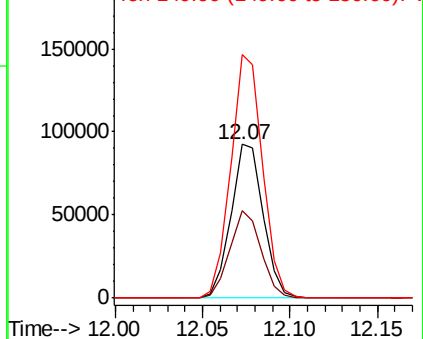


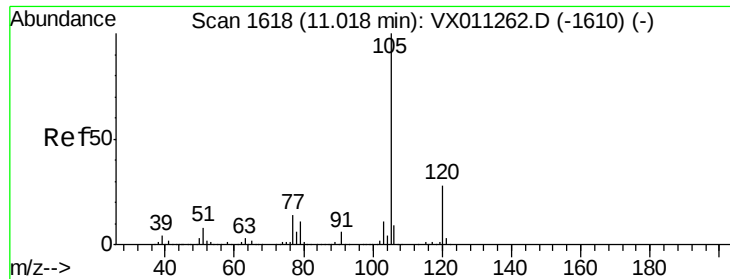
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX011347.D
Acq: 06 Aug 2019 12:41

Tgt Ion:152 Resp: 118407
Ion Ratio Lower Upper
152 100
115 55.1 40.0 119.9
150 156.2 0.0 350.4



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: 0.381 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011347.D

Acq: 06 Aug 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

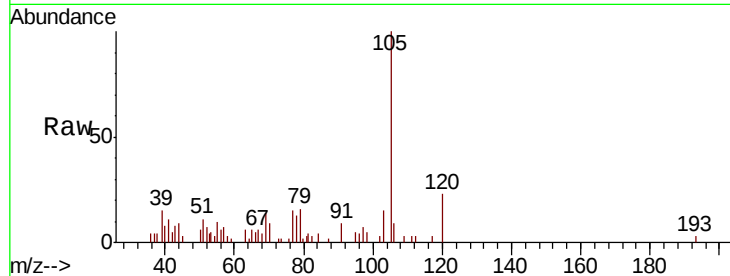
TS-01_080219DL

Tgt Ion: 105 Resp: 3084

Ion Ratio Lower Upper

105 100

120 29.6 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

2500

2000

1500

1000

500

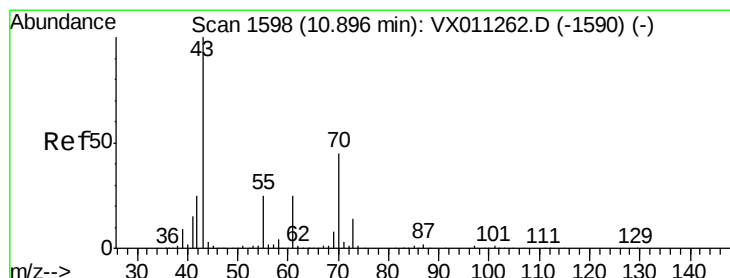
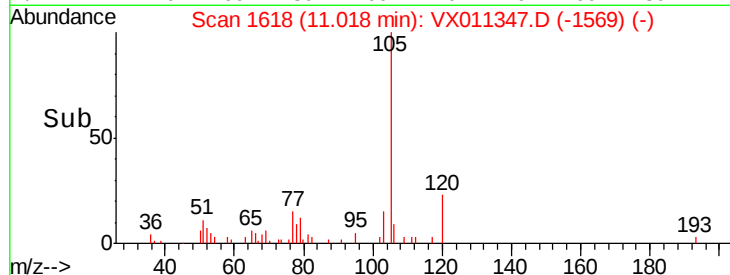
0

11.02

11.00

11.05

Time-->



#74

N-ethyl acetate

Concen: 0.442 ug/l

RT: 10.91 min Scan# 1601

Delta R.T. 0.02 min

Lab File: VX011347.D

Acq: 06 Aug 2019 12:41

Tgt Ion: 43 Resp: 1293

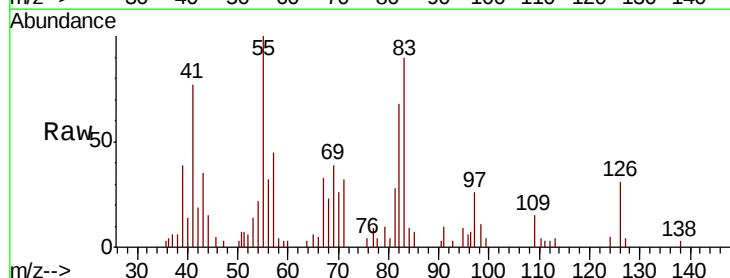
Ion Ratio Lower Upper

43 100

70 63.7 35.9 53.9#

55 247.3 19.8 29.6#

61 0.0 19.7 29.5#



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

3000

2500

2000

1500

1000

500

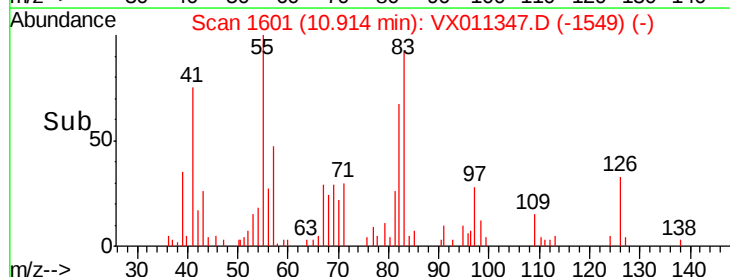
0

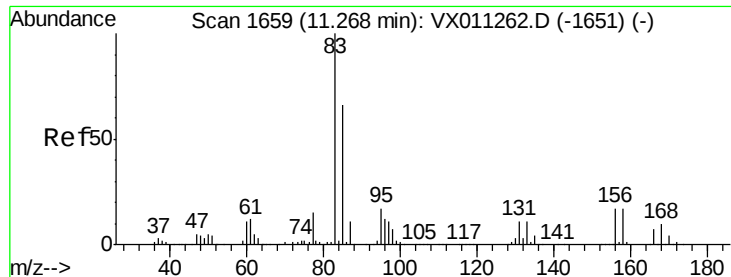
10.91

10.85

10.90

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 0.260 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX011347.D

Acq: 06 Aug 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

TS-01_080219DL

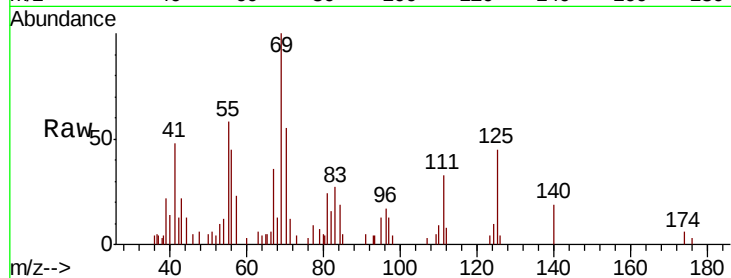
Tgt Ion: 83 Resp: 701

Ion Ratio Lower Upper

83 100

131 4.1 5.6 16.8#

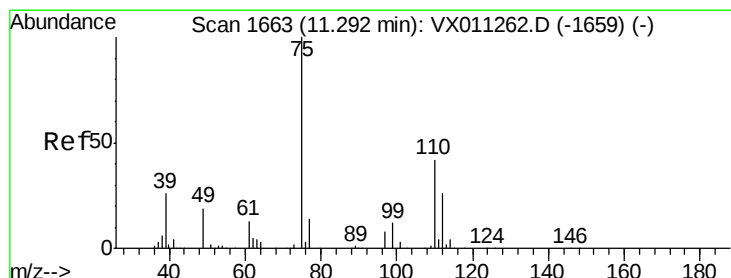
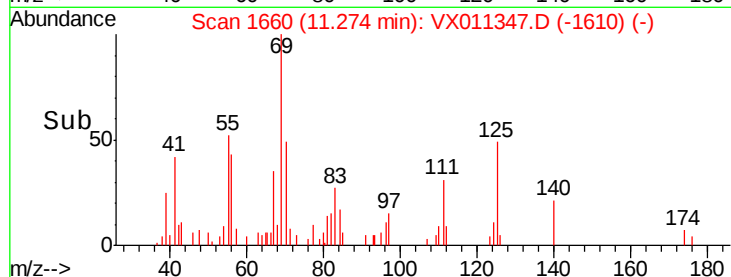
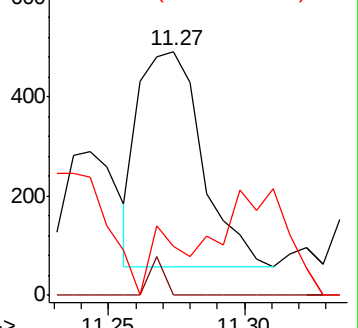
85 0.0 32.1 96.5#



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: 24.404 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX011347.D

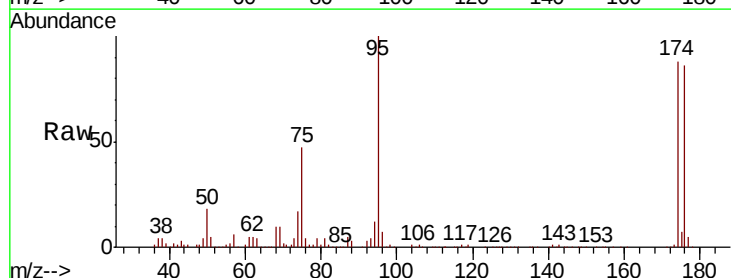
Acq: 06 Aug 2019 12:41

Tgt Ion: 75 Resp: 52624

Ion Ratio Lower Upper

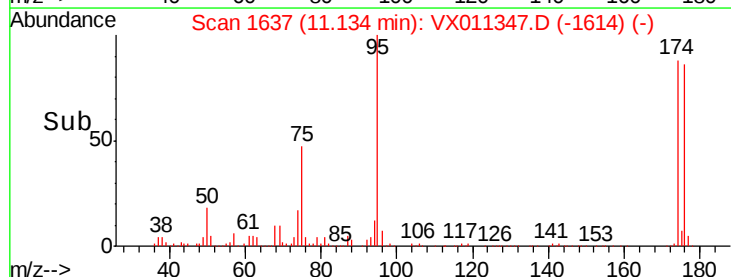
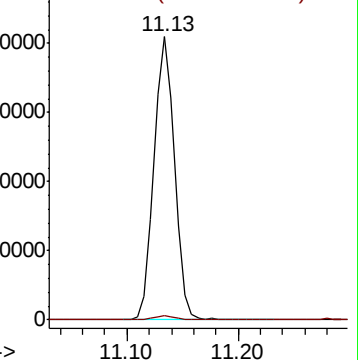
75 100

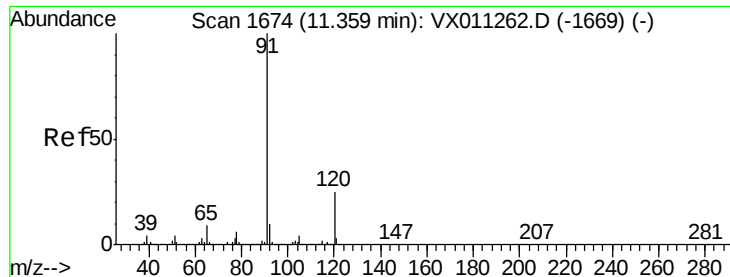
77 1.3 21.1 63.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.715 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011347.D

Acq: 06 Aug 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

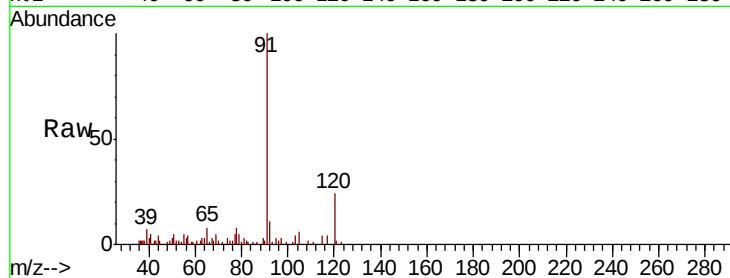
TS-01_080219DL

Tgt Ion: 91 Resp: 6440

Ion Ratio Lower Upper

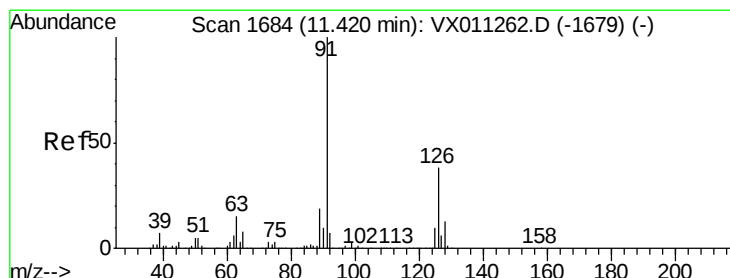
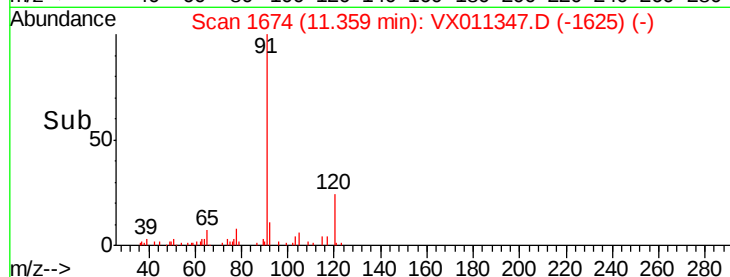
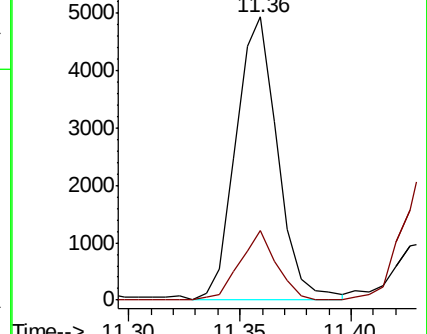
91 100

120 21.7 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 0.482 ug/l

RT: 11.45 min Scan# 1689

Delta R.T. 0.03 min

Lab File: VX011347.D

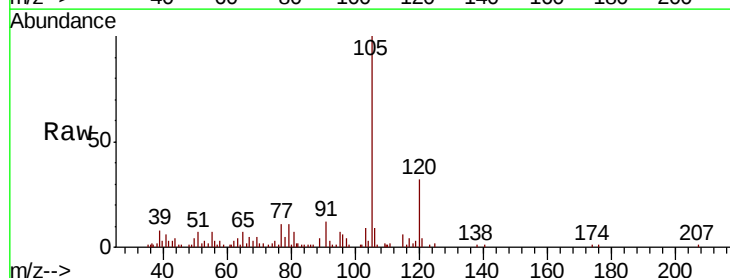
Acq: 06 Aug 2019 12:41

Tgt Ion: 91 Resp: 2586

Ion Ratio Lower Upper

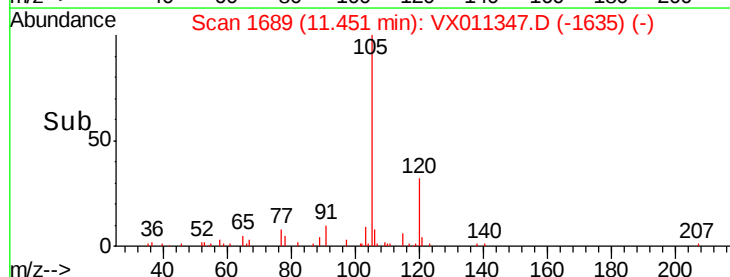
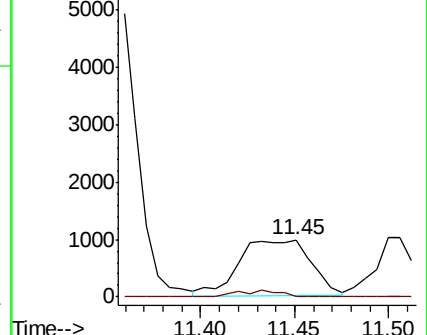
91 100

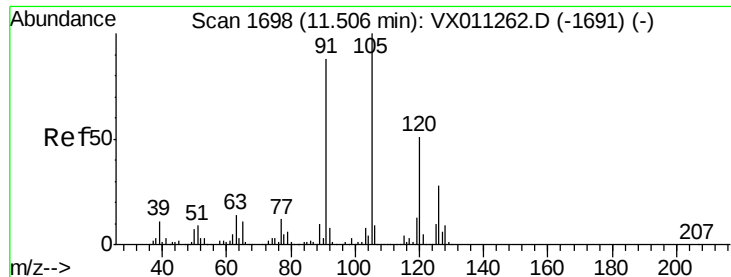
126 6.3 18.5 55.5#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

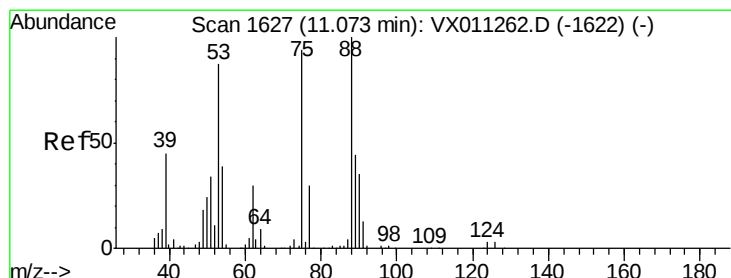
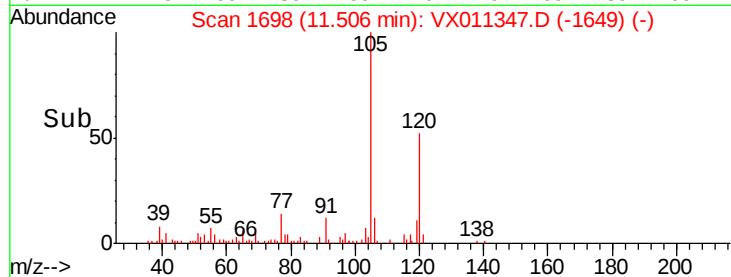
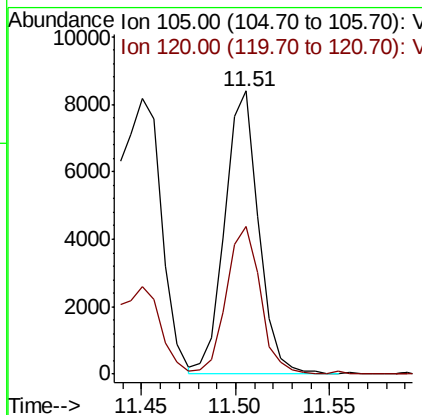
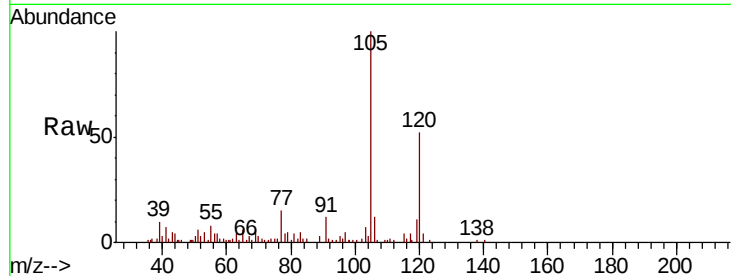




#80
 1,3,5-Trimethylbenzene
 Concen: 1.545 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX011347.D
 Acq: 06 Aug 2019 12:41

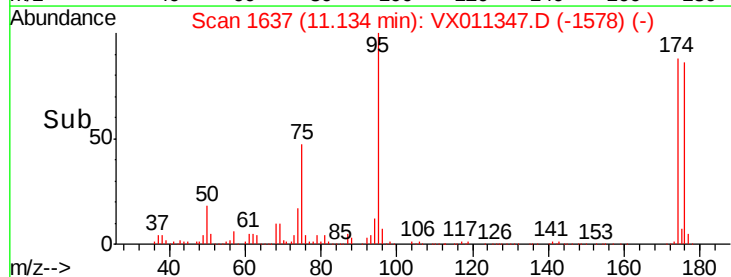
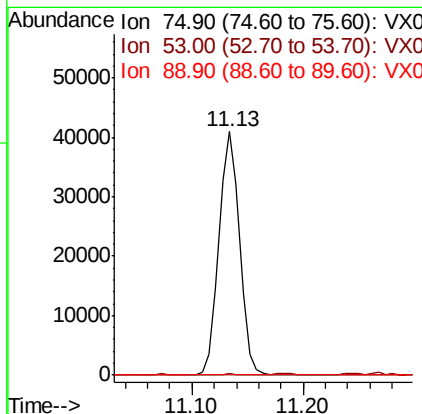
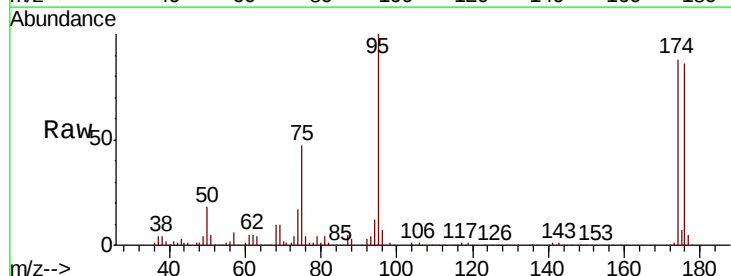
Instrument :
 MSVOA_X
 ClientSampleId :
 TS-01_080219DL

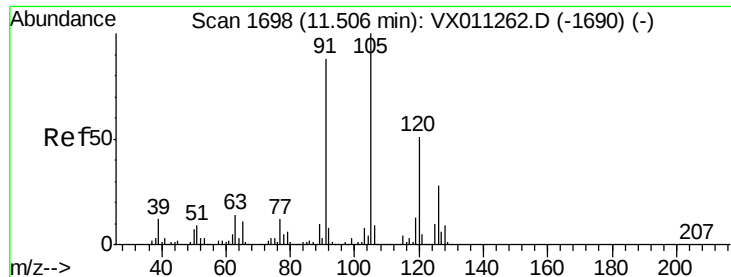
Tgt Ion: 105 Resp: 10472
 Ion Ratio Lower Upper
 105 100
 120 52.5 25.1 75.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.793 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX011347.D
 Acq: 06 Aug 2019 12:41

Tgt Ion: 75 Resp: 52624
 Ion Ratio Lower Upper
 75 100
 53 0.6 78.2 117.4#
 89 0.0 37.9 56.9#

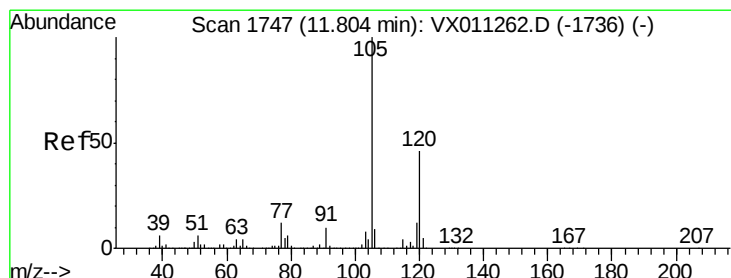
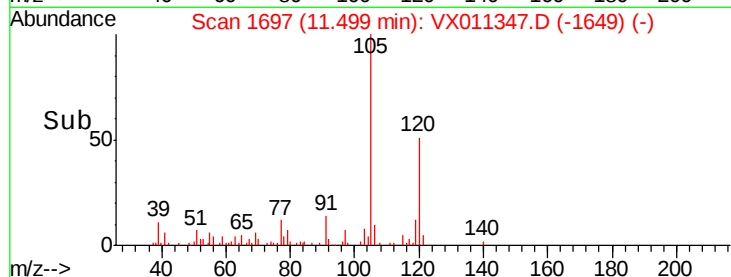
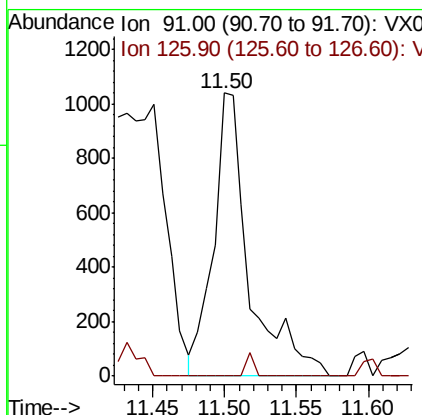
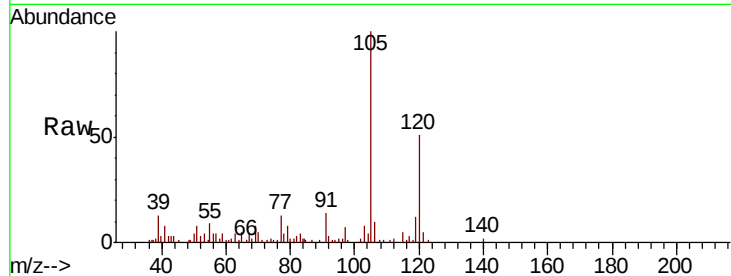




#82
4-Chlorotoluene
Concen: 0.289 ug/l
RT: 11.50 min Scan# 1697
Delta R.T. -0.01 min
Lab File: VX011347.D
Acq: 06 Aug 2019 12:41

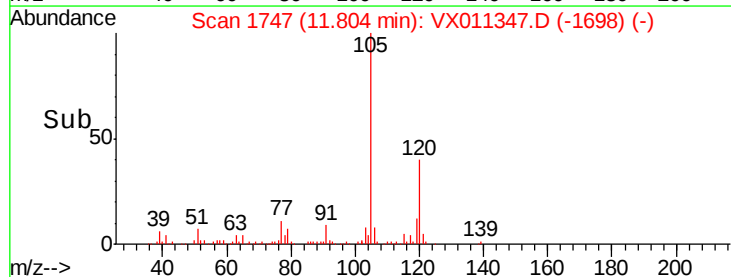
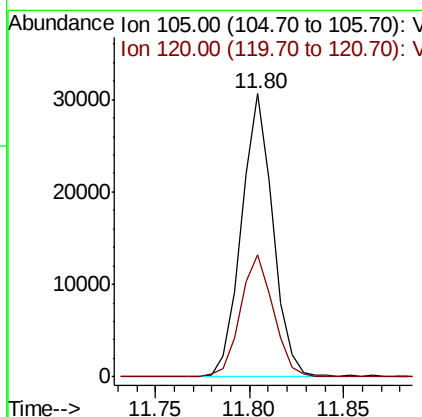
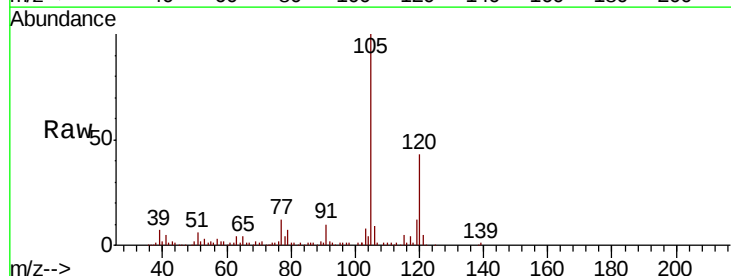
Instrument :
MSVOA_X
ClientSampleId :
TS-01_080219DL

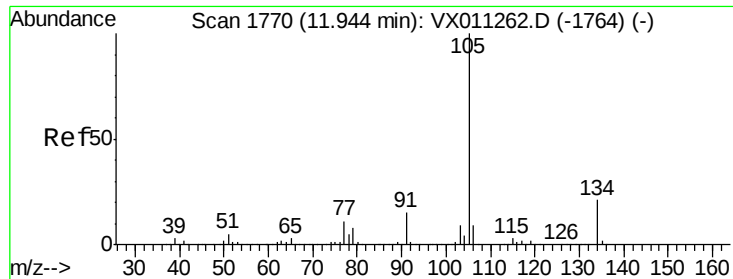
Tgt Ion: 91 Resp: 1810
Ion Ratio Lower Upper
91 100
126 1.7 16.4 49.2#



#84
1,2,4-Trimethylbenzene
Concen: 5.240 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX011347.D
Acq: 06 Aug 2019 12:41

Tgt Ion: 105 Resp: 35364
Ion Ratio Lower Upper
105 100
120 45.3 23.0 69.0





#85

sec-Butylbenzene

Concen: 0.490 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011347.D

Acq: 06 Aug 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

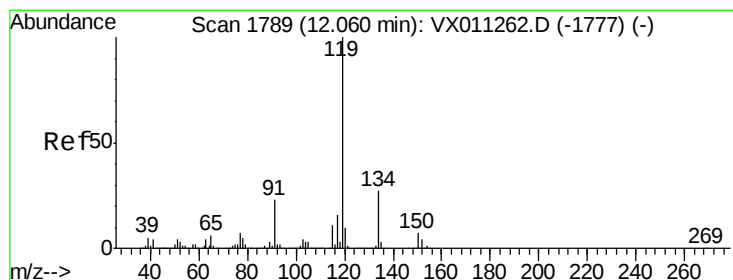
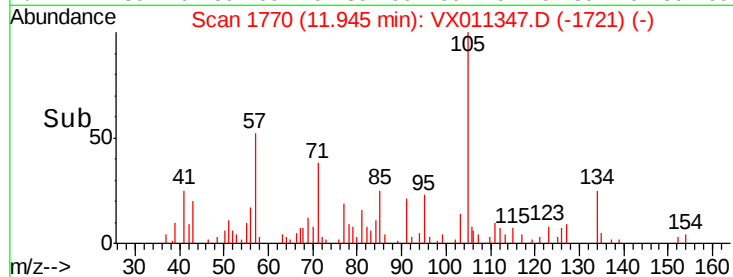
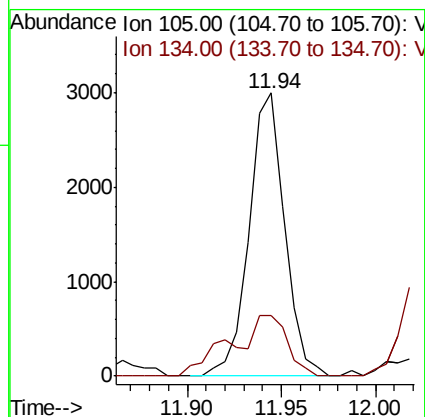
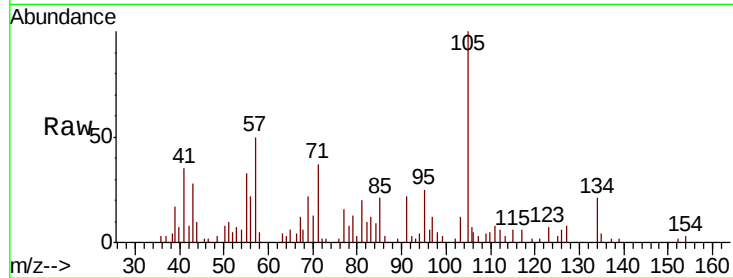
TS-01_080219DL

Tgt Ion:105 Resp: 3917

Ion Ratio Lower Upper

105 100

134 33.9 10.4 31.4#



#86

p-Isopropyltoluene

Concen: 0.500 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011347.D

Acq: 06 Aug 2019 12:41

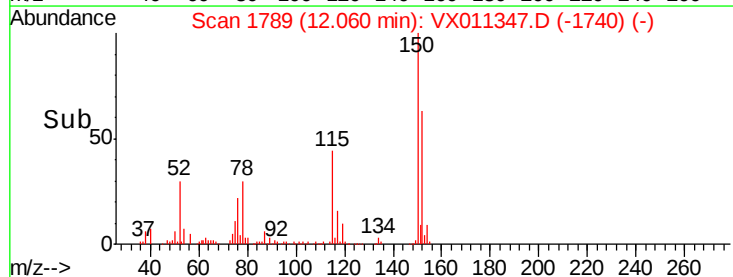
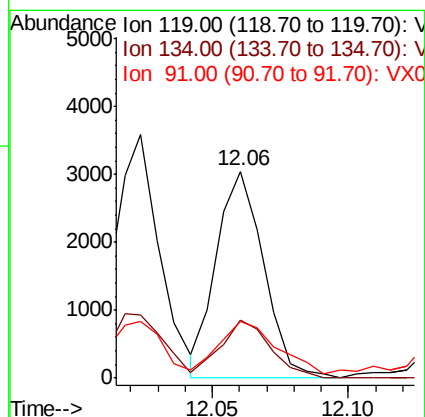
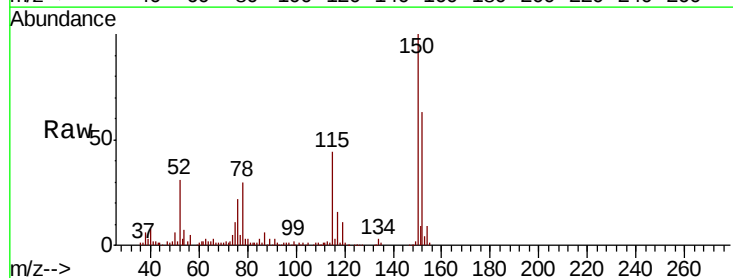
Tgt Ion:119 Resp: 3674

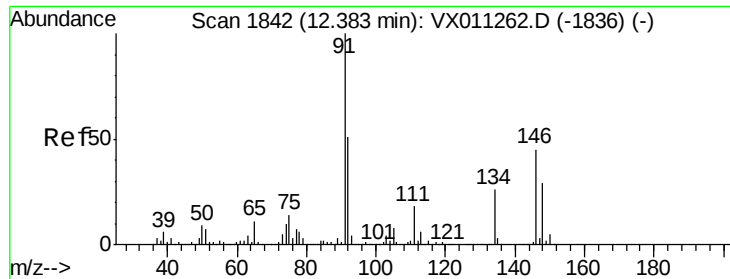
Ion Ratio Lower Upper

119 100

134 29.9 13.7 41.0

91 27.4 11.4 34.2

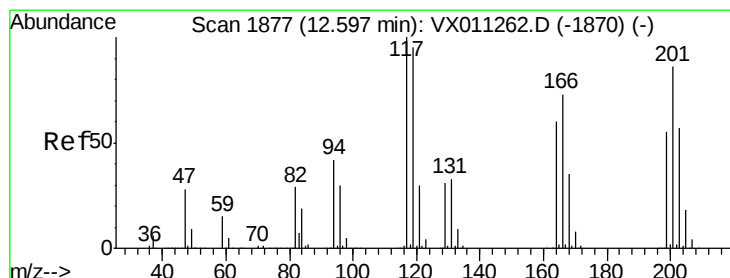
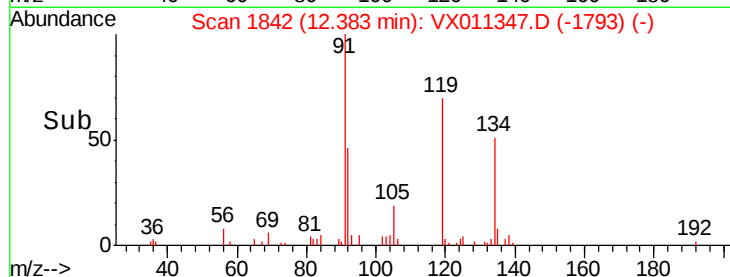
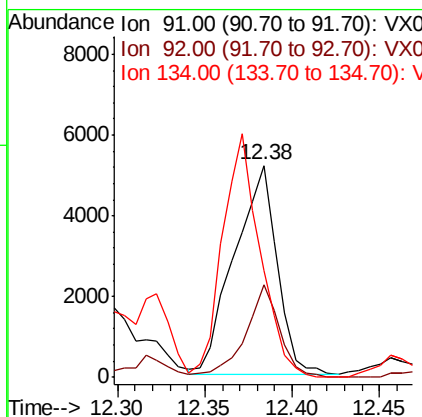
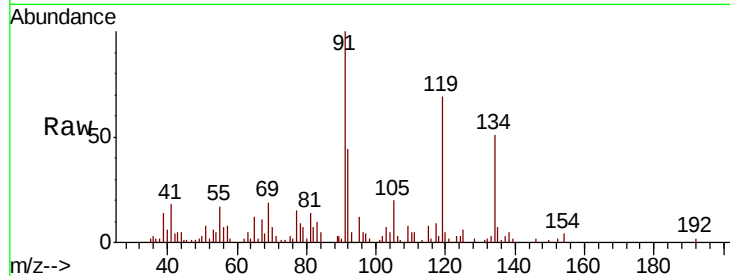




#89
n-Butylbenzene
Concen: 1.386 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011347.D
Acq: 06 Aug 2019 12:41

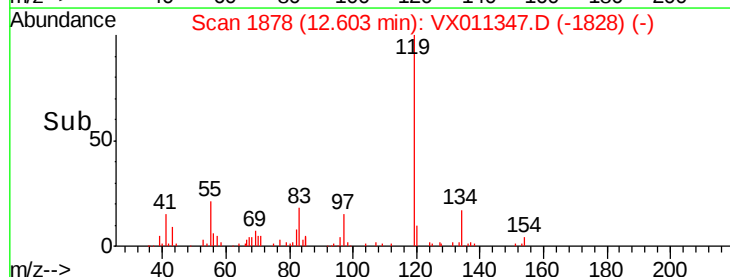
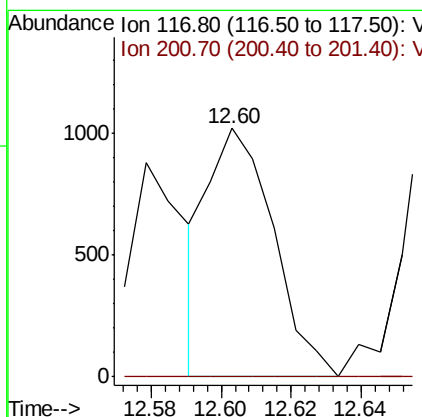
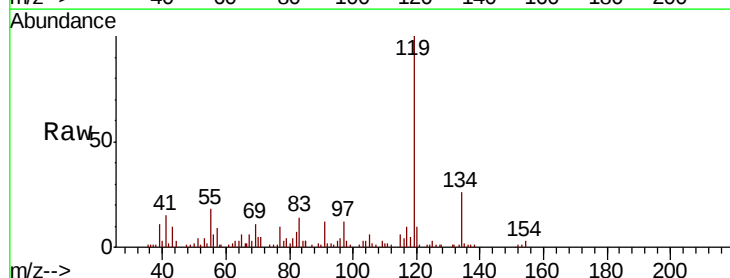
Instrument :
MSVOA_X
ClientSampleId :
TS-01_080219DL

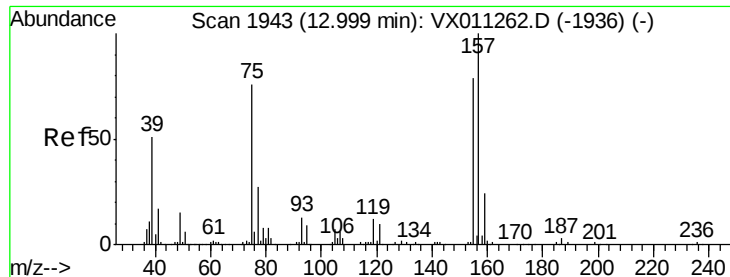
Tgt Ion: 91 Resp: 8776
Ion Ratio Lower Upper
91 100
92 35.7 25.8 77.3
134 102.8 13.7 41.0#



#90
Hexachloroethane
Concen: 1.219 ug/l
RT: 12.60 min Scan# 1878
Delta R.T. 0.01 min
Lab File: VX011347.D
Acq: 06 Aug 2019 12:41

Tgt Ion: 117 Resp: 1324
Ion Ratio Lower Upper
117 100
201 0.0 41.8 125.4#

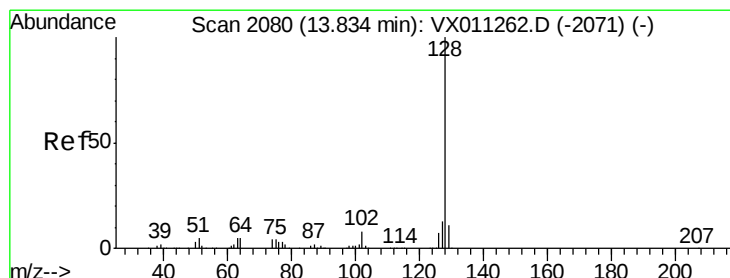
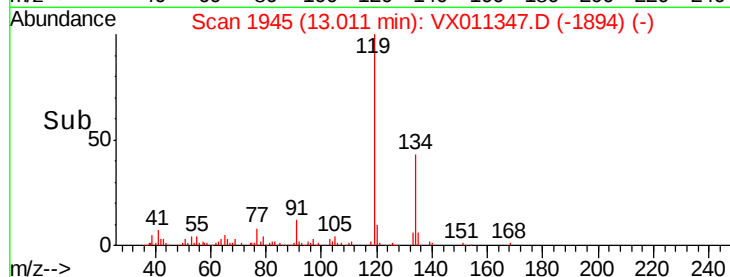
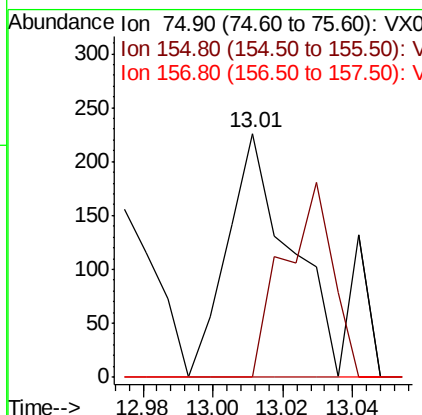
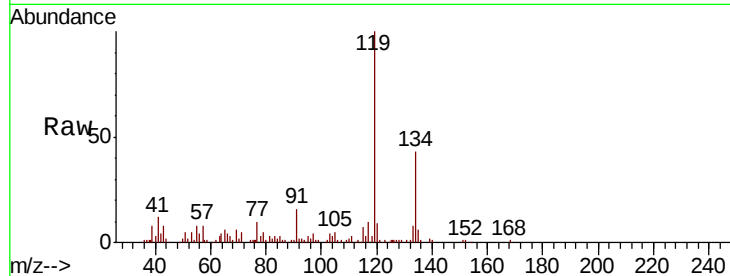




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.539 ug/l
 RT: 13.01 min Scan# 1945
 Delta R.T. 0.01 min
 Lab File: VX011347.D
 Acq: 06 Aug 2019 12:41

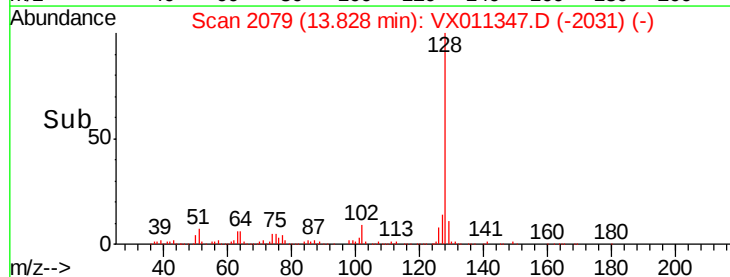
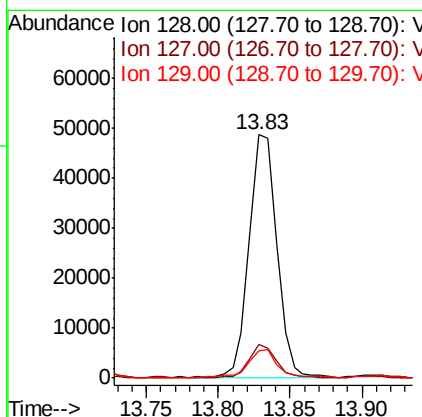
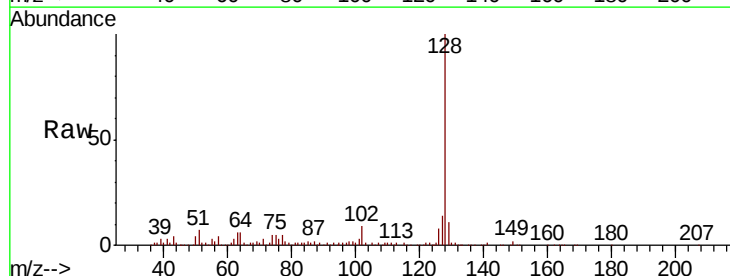
Instrument :
 MSVOA_X
 ClientSampleId :
 TS-01_080219DL

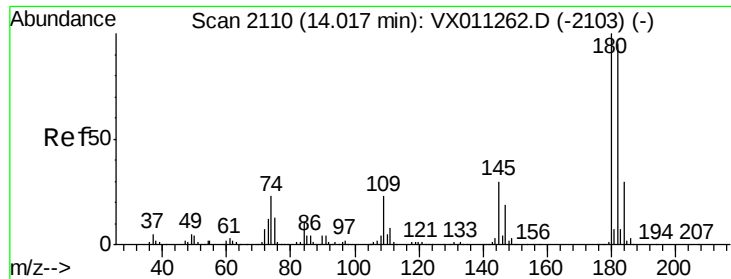
Tgt Ion: 75 Resp: 282
 Ion Ratio Lower Upper
 75 100
 155 61.7 51.9 155.8
 157 0.0 64.3 192.7#



#95
 Naphthalene
 Concen: 8.357 ug/l
 RT: 13.83 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX011347.D
 Acq: 06 Aug 2019 12:41

Tgt Ion: 128 Resp: 64616
 Ion Ratio Lower Upper
 128 100
 127 13.3 10.4 15.6
 129 12.3 8.9 13.3

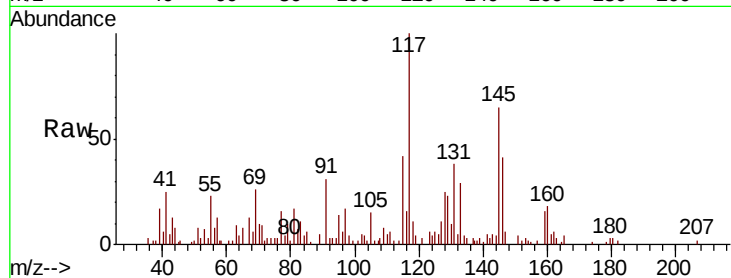




#96
 1,2,3-Trichlorobenzene
 Concen: 0.237 ug/l
 RT: 14.03 min Scan# 2112
 Delta R.T. 0.01 min
 Lab File: VX011347.D
 Acq: 06 Aug 2019 12:41

Instrument :
 MSVOA_X
 ClientSampleId :
 TS-01_080219DL

Tgt Ion	Ratio	Lower	Upper
180	100		
182	31.3	47.4	142.3#
145	595.9	15.2	45.6#



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

