

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091919\
 Data File : VX012522.D
 Acq On : 19 Sep 2019 12:51
 Operator : JC/SP
 Sample : K4944-01ME
 Misc : 4.71g/5mL/100uL/10mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DRUM-COMPME

Quant Time: Sep 20 04:31:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	174611	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	276588	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	235439	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	104736	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	113459	45.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.68%	
35) Dibromofluoromethane	5.48	113	78129	46.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.34%	
50) Toluene-d8	8.71	98	314212	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
62) 4-Bromofluorobenzene	11.14	95	126291	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	49	0.433	ug/l #	43
3) Chloromethane	1.31	50	259	0.270	ug/l #	88
5) Bromomethane	1.62	94	709	1.739	ug/l #	68
6) Chloroethane	1.71	64	360	0.443	ug/l	93
7) Trichlorofluoromethane	1.92	101	550	0.289	ug/l #	18
10) Methyl Iodide	2.47	142	1120	5.306	ug/l #	84
11) Tert butyl alcohol	3.01	59	5911	3.525	ug/l #	78
13) Acrolein	2.25	56	41	Below Cal	#	1
16) Acetone	2.39	43	124	Below Cal	#	46
17) Carbon Disulfide	2.58	76	50	1.837	ug/l #	75
18) Methyl Acetate	2.78	43	1494	0.573	ug/l #	71
20) Methylene Chloride	2.84	84	884	0.584	ug/l #	65
21) trans-1,2-Dichloroethene	3.14	96	229	0.201	ug/l	95
29) Tetrahydrofuran	5.13	42	293	0.306	ug/l #	46
31) Cyclohexane	5.54	56	774	0.448	ug/l #	70
36) 1,1-Dichloropropene	5.64	75	14546	8.653	ug/l #	52
38) Carbon Tetrachloride	5.64	117	19984	9.559	ug/l #	18
39) Methylcyclohexane	7.45	83	12535	7.671	ug/l	96
42) 1,2-Dichloroethane	6.18	62	540	0.218	ug/l	91
43) Isopropyl Acetate	6.47	43	1417	0.306	ug/l #	62
44) Trichloroethene	7.20	130	347	0.247	ug/l	54
49) 1,4-Dioxane	7.75	88	26	0.489	ug/l #	22
51) 4-Methyl-2-Pentanone	8.65	43	3326	1.095	ug/l #	47
52) Toluene	8.78	92	5807	1.686	ug/l	98
55) 1,1,2-Trichloroethane	9.26	97	1837	1.035	ug/l #	46
56) Ethyl methacrylate	9.15	69	7107	2.562	ug/l #	1
59) 2-Hexanone	9.43	43	32798	13.842	ug/l #	32
67) Ethyl Benzene	10.25	91	38786	5.810	ug/l	97
68) m/p-Xylenes	10.35	106	48968	20.159	ug/l	99
69) o-Xylene	10.70	106	76733	30.716	ug/l	97
70) Styrene	10.70	104	5027	1.137	ug/l #	1
73) Isopropylbenzene	11.01	105	16478	2.507	ug/l	99
74) N-amyl acetate	10.90	43	54048	15.276	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	36519	14.166	ug/l #	26

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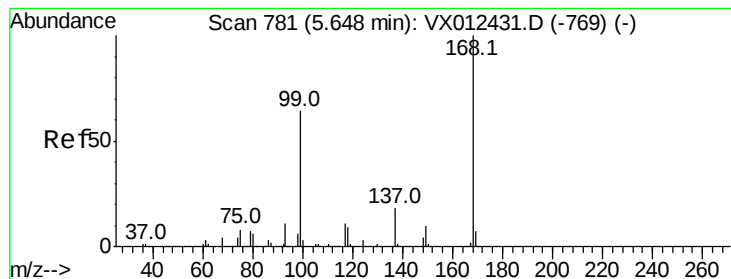
Instrument :
 MSVOA_X
 ClientSampleId :
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 Response via : Initial Calibration

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

76) 1,2,3-Trichloropropane	11.43	75	9123	3.792	ug/l #	1
78) n-propylbenzene	11.35	91	47795	6.526	ug/l	99
79) 2-Chlorotoluene	11.43	91	137373	28.830	ug/l #	44
80) 1,3,5-Trimethylbenzene	11.50	105	421776	75.257	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.14	75	60926	68.315	ug/l #	21
82) 4-Chlorotoluene	11.50	91	50788	9.287	ug/l #	50
83) tert-Butylbenzene	11.81	119	84078	14.000	ug/l #	52
84) 1,2,4-Trimethylbenzene	11.81	105	681187	118.374	ug/l	99
85) sec-Butylbenzene	11.95	105	77215	11.668	ug/l	88
86) p-Isopropyltoluene	12.06	119	132079	21.736	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	881	0.284	ug/l #	1
89) n-Butylbenzene	12.37	91	313006	57.731	ug/l #	10
90) Hexachloroethane	12.59	117	57455	51.566	ug/l #	17
92) 1,2-Dibromo-3-Chloropropan	12.98	75	5241	7.842	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.66	180	894	0.440	ug/l #	1
94) Hexachlorobutadiene	13.78	225	267	0.279	ug/l	76
95) Naphthalene	13.81	128	11490	1.591	ug/l #	1
96) 1,2,3-Trichlorobenzene	14.03	180	12893	6.234	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX012522.D

Acq: 19 Sep 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

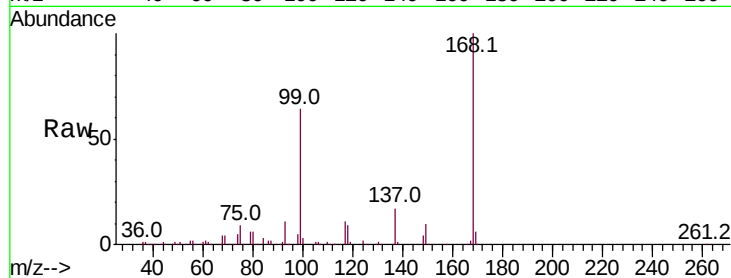
DRUM-COMPME

Tot Ion:168 Resp: 174611

Ion Ratio Lower Upper

168 100

99 64.0 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

60000

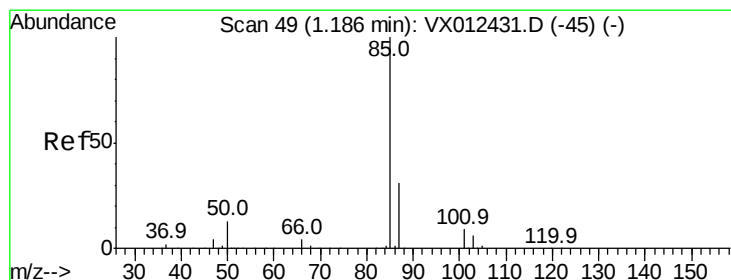
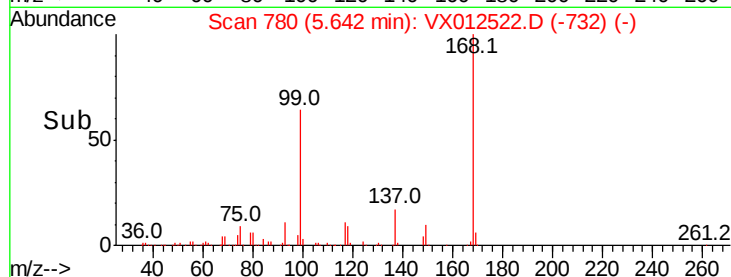
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.433 ug/l

RT: 1.18 min Scan# 48

Delta R.T. -0.01 min

Lab File: VX012522.D

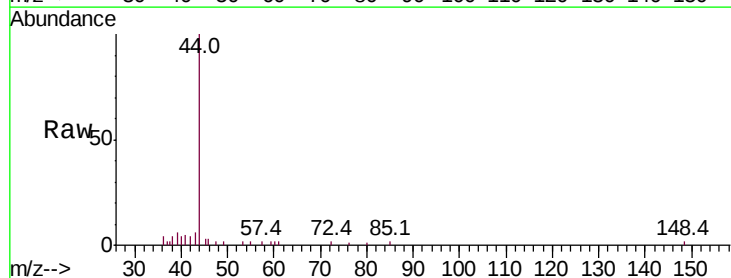
Acq: 19 Sep 2019 12:51

Tgt Ion: 85 Resp: 49

Ion Ratio Lower Upper

85 100

87 0.0 15.6 46.8#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

80

60

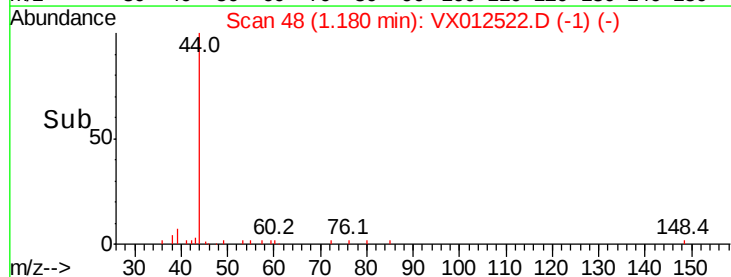
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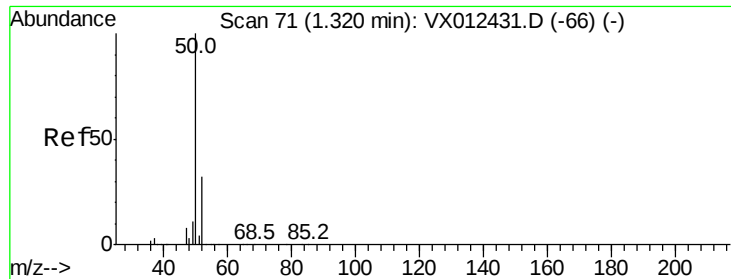
20

0

Time-->

1.16 1.18 1.20





#3

Chloromethane

Concen: 0.270 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX012522.D

Acq: 19 Sep 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

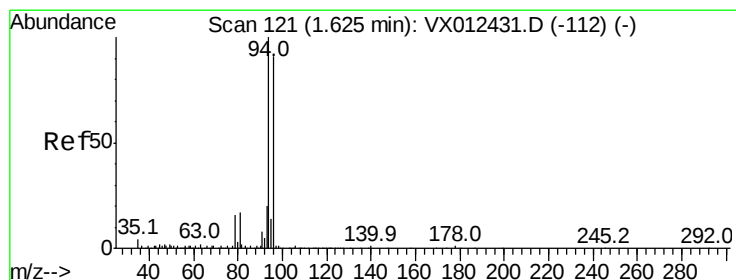
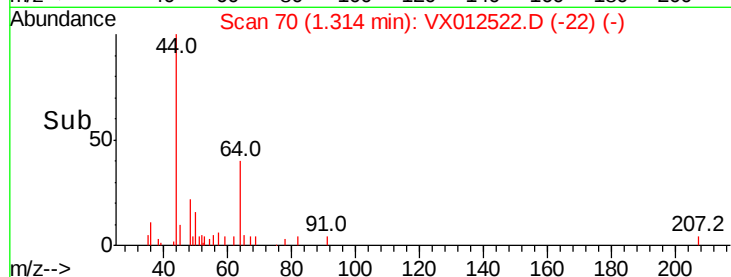
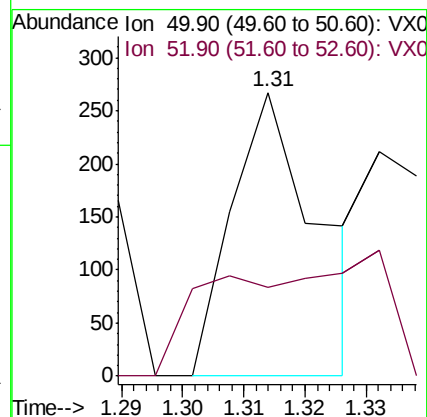
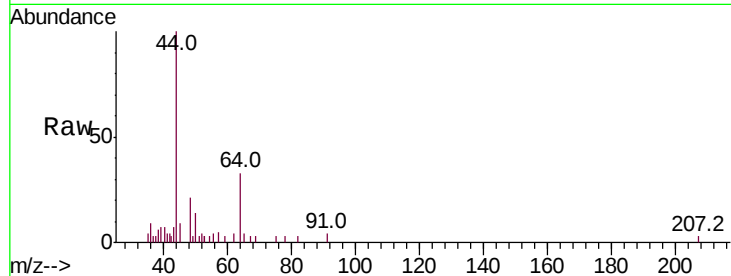
DRUM-COMPME

Tot Ion: 50 Resp: 259

Ion Ratio Lower Upper

50 100

52 25.5 25.7 38.5#



#5

Bromomethane

Concen: 1.739 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012522.D

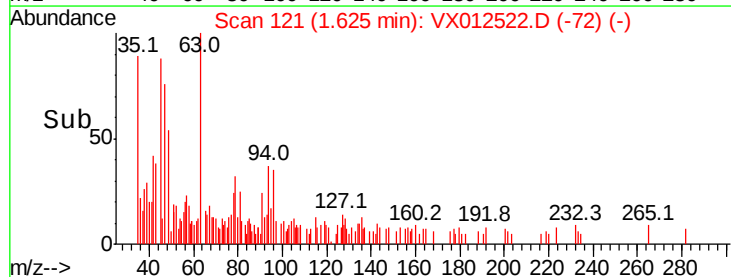
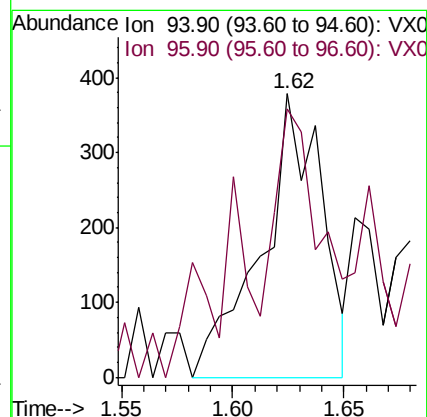
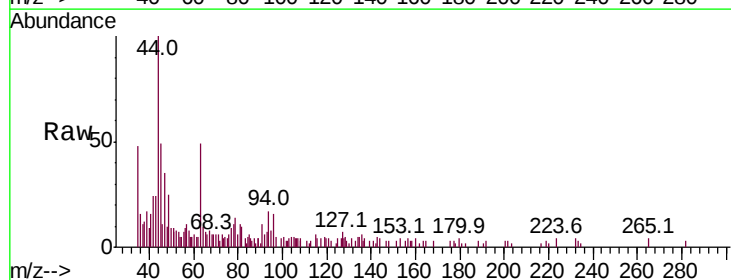
Acq: 19 Sep 2019 12:51

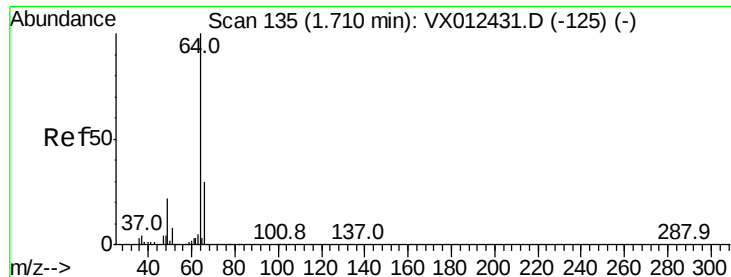
Tgt Ion: 94 Resp: 709

Ion Ratio Lower Upper

94 100

96 60.3 72.8 109.2#





#6

Chloroethane

Concen: 0.443 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012522.D

Acq: 19 Sep 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

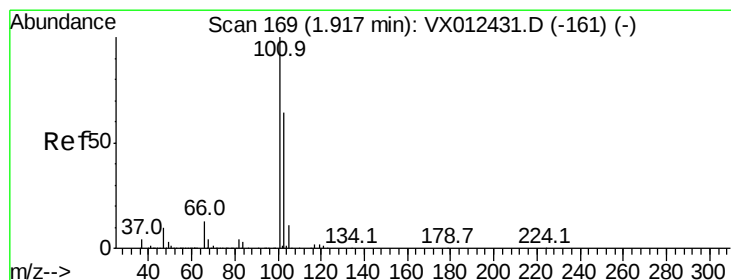
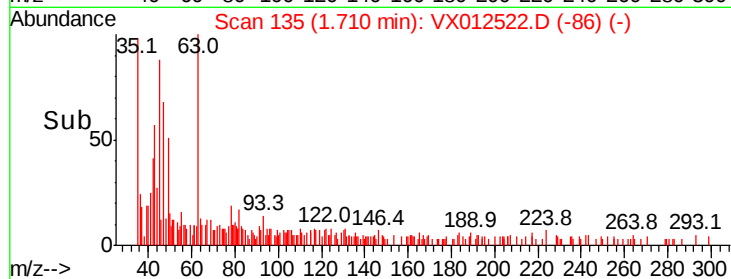
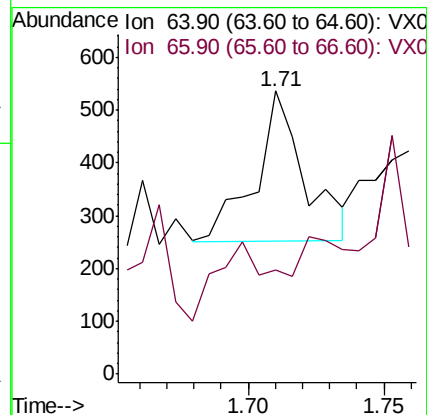
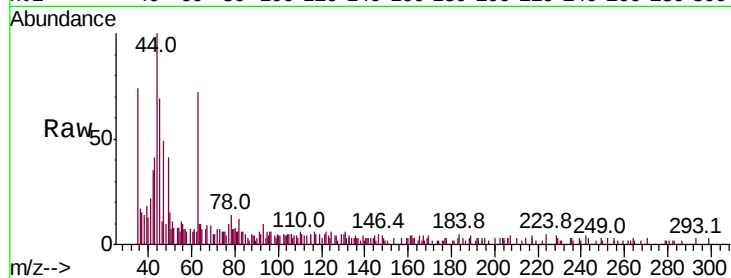
DRUM-COMPME

Tot Ion: 64 Resp: 360

Ion Ratio Lower Upper

64 100

66 33.8 24.0 36.0



#7

Trichlorofluoromethane

Concen: 0.289 ug/l

RT: 1.92 min Scan# 169

Delta R.T. 0.00 min

Lab File: VX012522.D

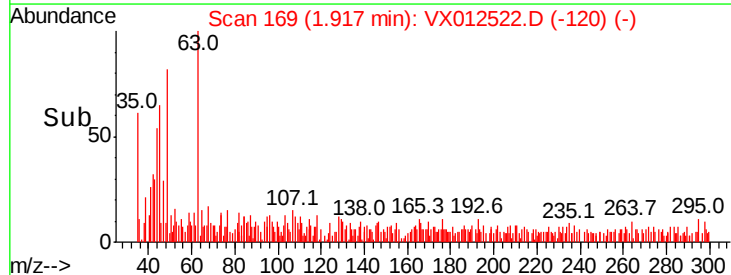
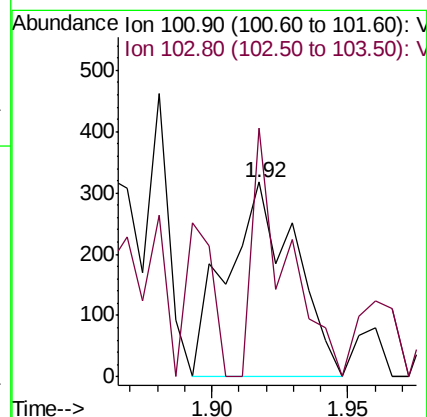
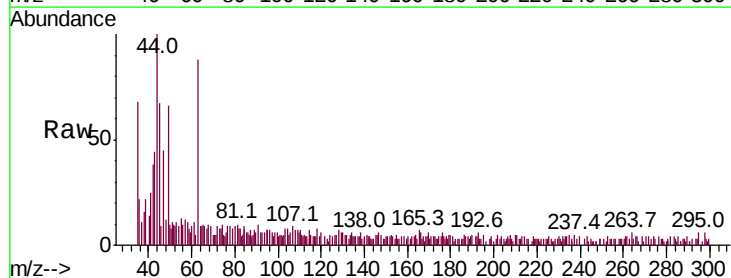
Acq: 19 Sep 2019 12:51

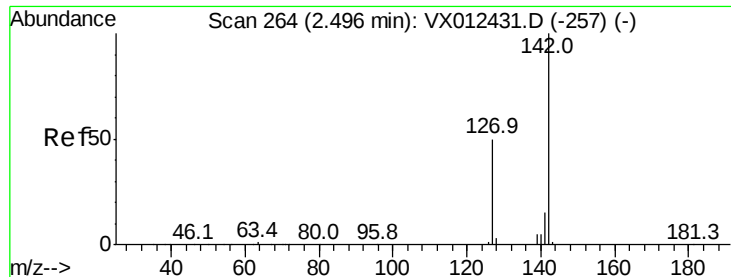
Tgt Ion: 101 Resp: 550

Ion Ratio Lower Upper

101 100

103 127.7 51.0 76.4#

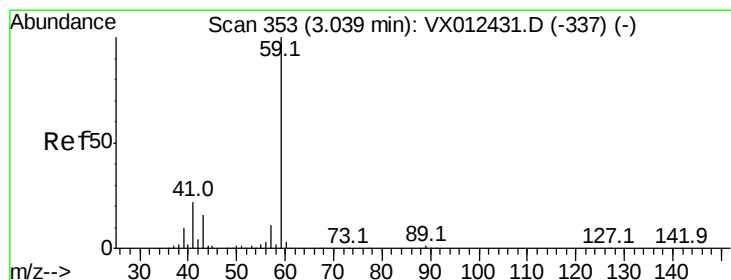
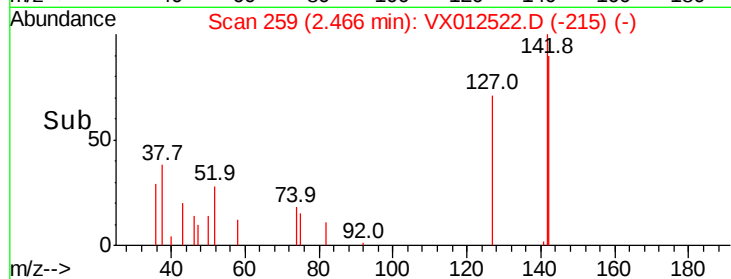
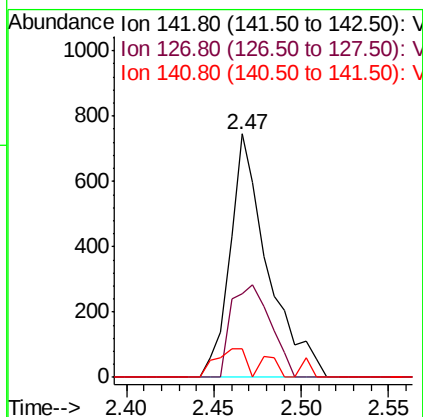
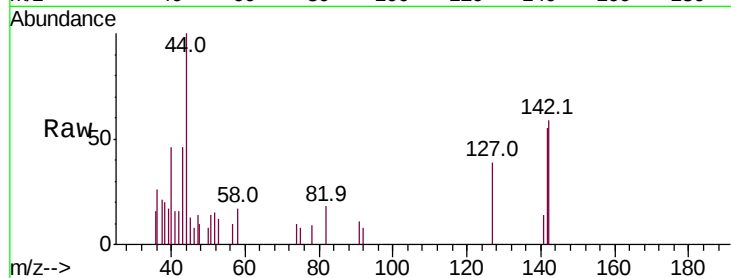




#10
Methyl Iodide
Concen: 5.306 ug/l
RT: 2.47 min Scan# 259
Delta R.T. -0.03 min
Lab File: VX012522.D
Acq: 19 Sep 2019 12:51

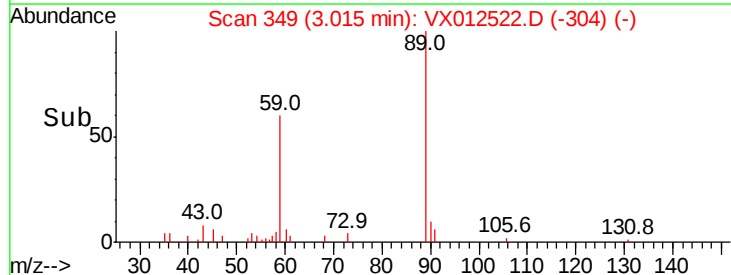
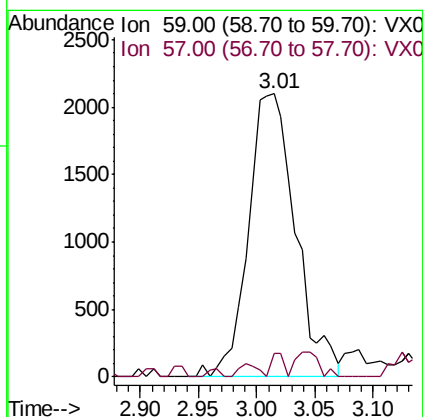
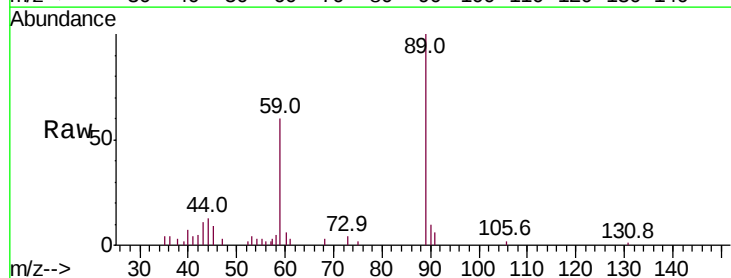
Instrument :
MSVOA_X
ClientSampleId :
DRUM-COMPME

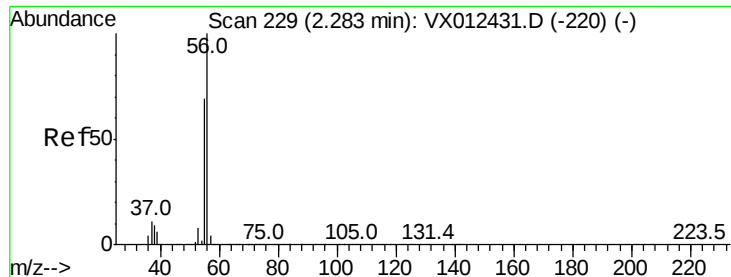
Tot Ion:142 Resp: 1120
Ion Ratio Lower Upper
142 100
127 39.7 40.8 61.2#
141 9.4 12.1 18.1#



#11
Tert butyl alcohol
Concen: 3.525 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.02 min
Lab File: VX012522.D
Acq: 19 Sep 2019 12:51

Tgt Ion: 59 Resp: 5911
Ion Ratio Lower Upper
59 100
57 2.2 8.3 12.5#





#13

Acrolein

Concen: Below Cal

RT: 2.25 min Scan# 224

Delta R.T. -0.03 min

Lab File: VX012522.D

Acq: 19 Sep 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

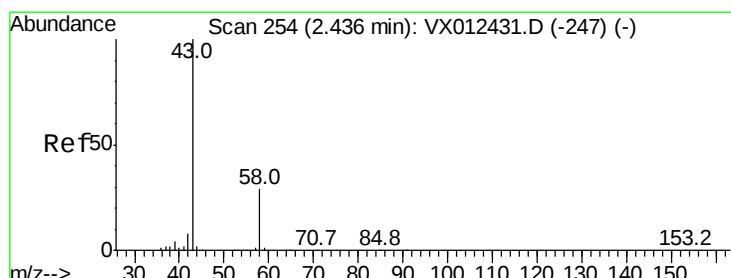
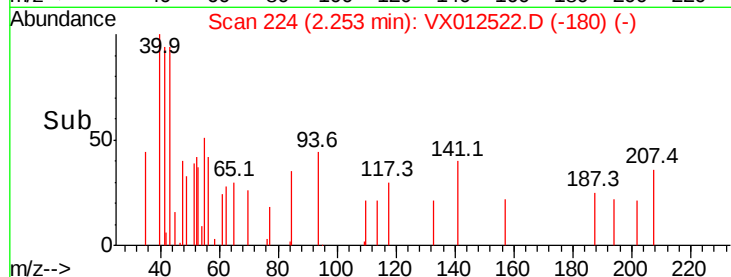
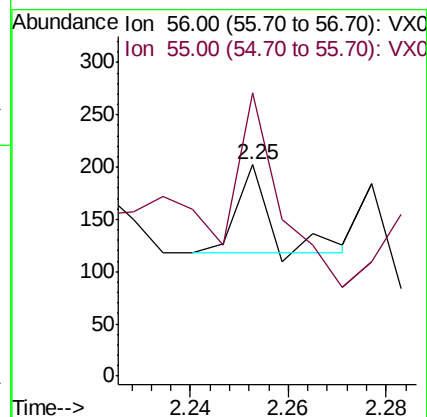
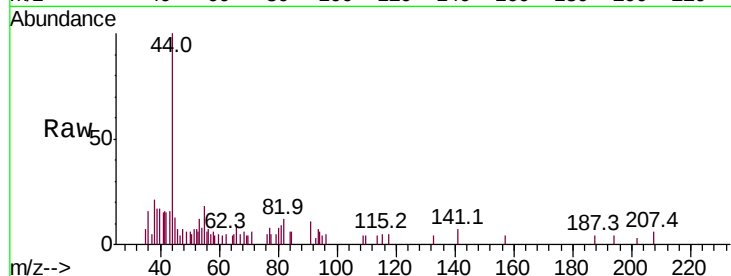
DRUM-COMPME

Tot Ion: 56 Resp: 41

Ion Ratio Lower Upper

56 100

55 258.5 55.8 83.8#



#16

Acetone

Concen: Below Cal

RT: 2.39 min Scan# 246

Delta R.T. -0.05 min

Lab File: VX012522.D

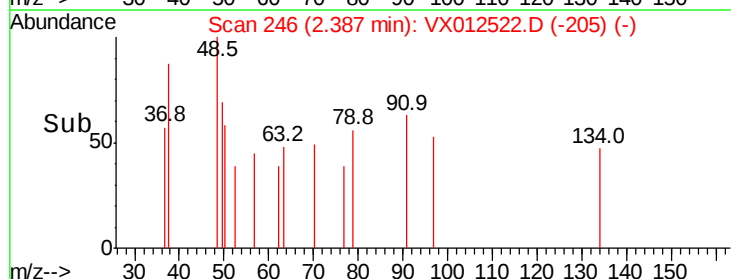
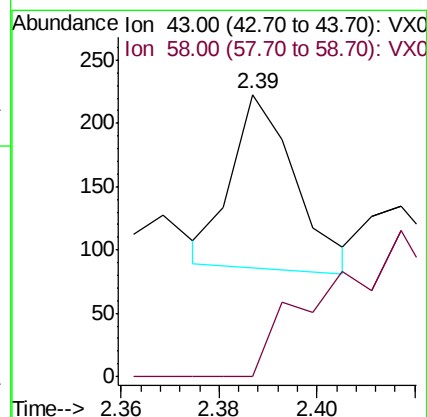
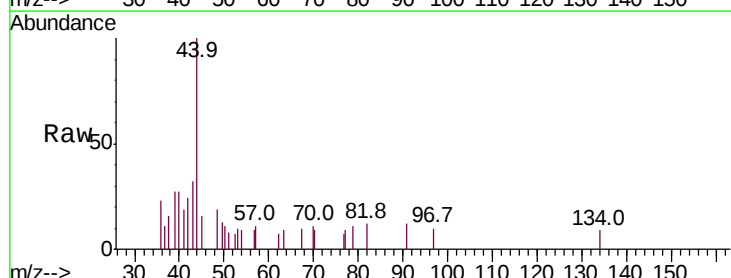
Acq: 19 Sep 2019 12:51

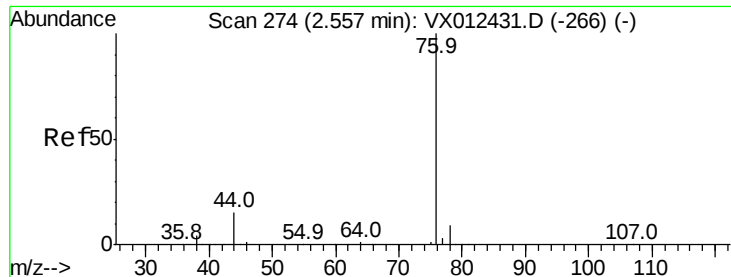
Tgt Ion: 43 Resp: 124

Ion Ratio Lower Upper

43 100

58 0.0 23.3 34.9#

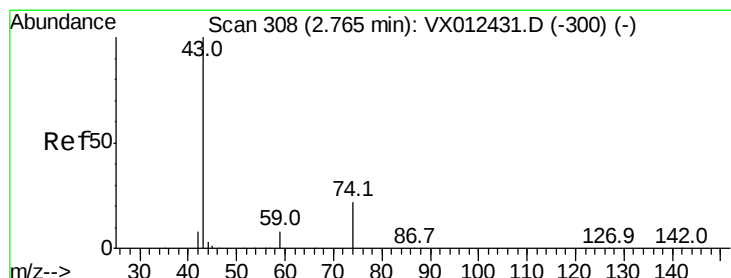
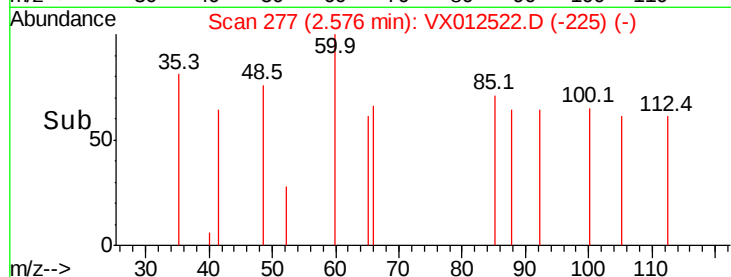
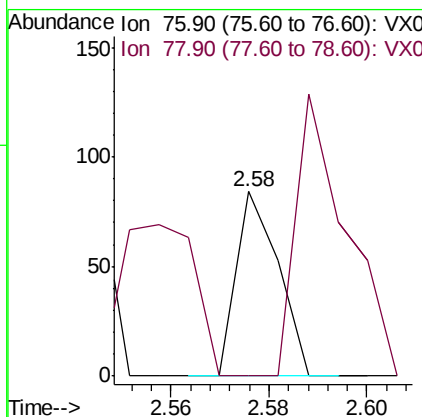
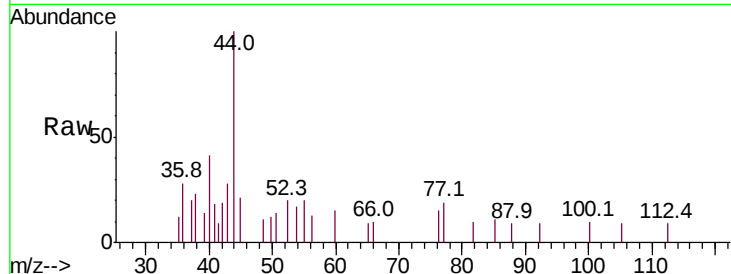




#17
Carbon Disulfide
Concen: 1.837 ug/l
RT: 2.58 min Scan# 277
Delta R.T. 0.02 min
Lab File: VX012522.D
Acq: 19 Sep 2019 12:51

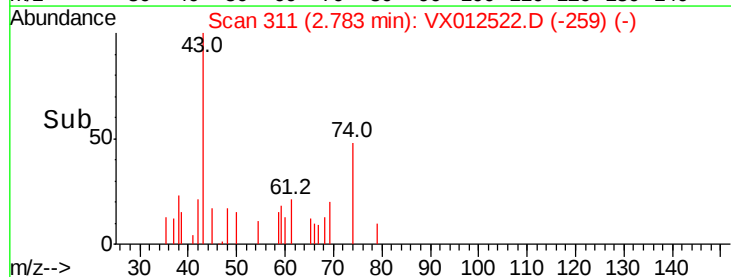
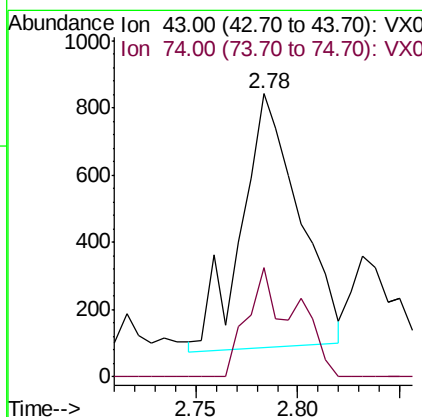
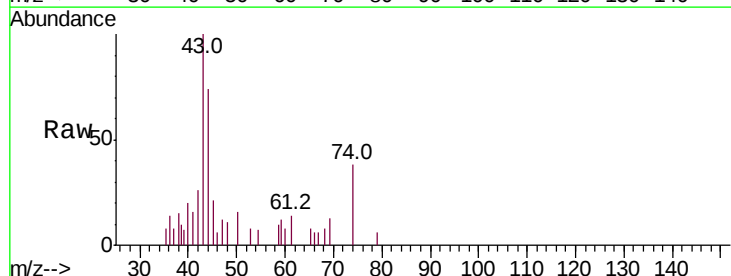
Instrument :
MSVOA_X
ClientSampleId :
DRUM-COMPME

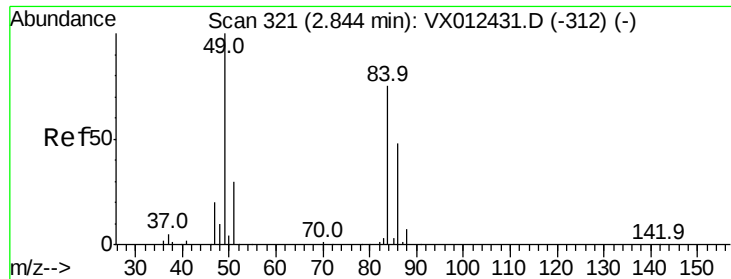
Tot Ion: 76 Resp: 50
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



#18
Methyl Acetate
Concen: 0.573 ug/l
RT: 2.78 min Scan# 311
Delta R.T. 0.02 min
Lab File: VX012522.D
Acq: 19 Sep 2019 12:51

Tgt Ion: 43 Resp: 1494
Ion Ratio Lower Upper
43 100
74 35.8 17.7 26.5#

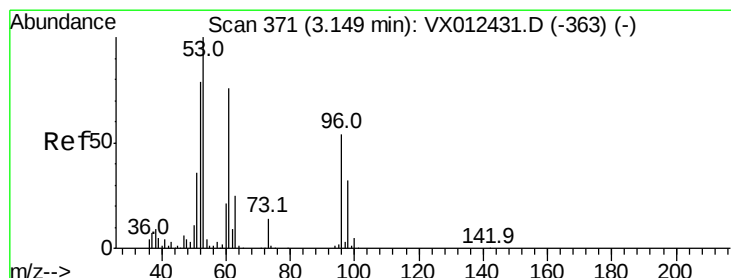
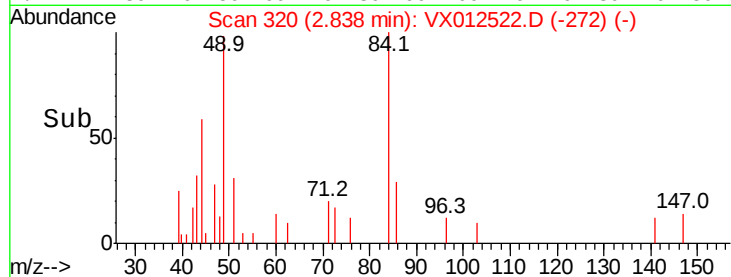
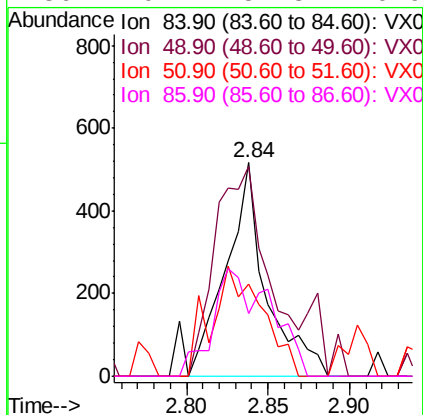
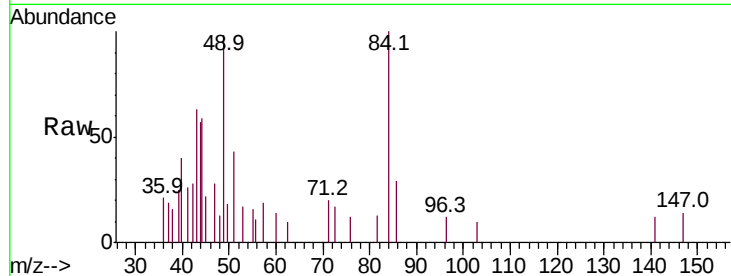




#20
Methvlene Chloride
Concen: 0.584 ug/l
RT: 2.84 min Scan# 320
Delta R.T. -0.01 min
Lab File: VX012522.D
Acq: 19 Sep 2019 12:51

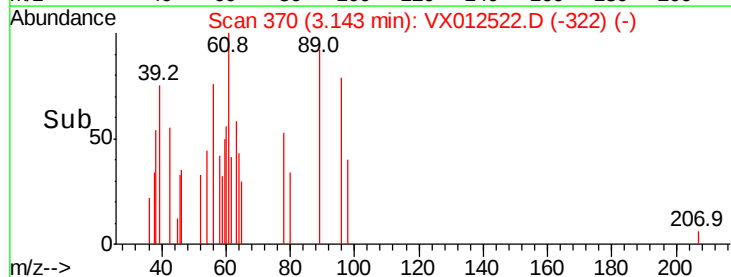
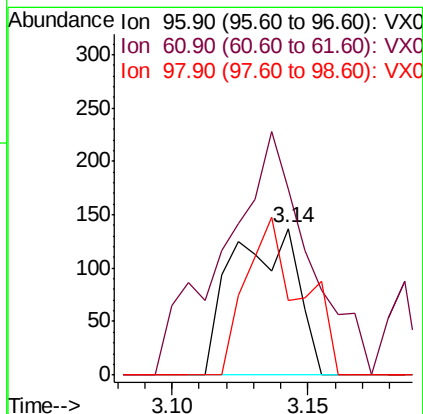
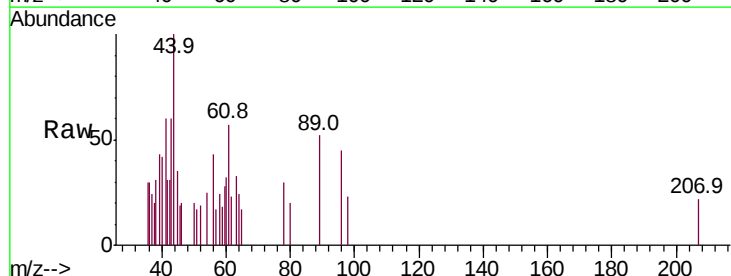
Instrument :
MSVOA_X
ClientSampleId :
DRUM-COMPME

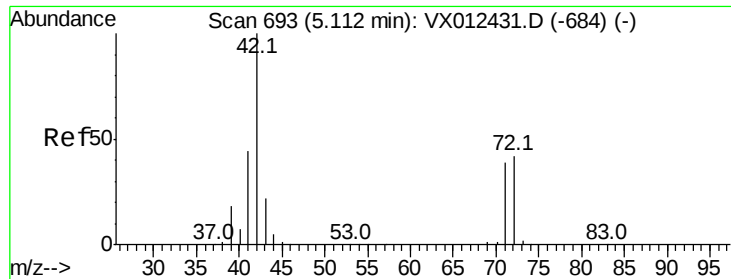
Tot Ion: 84 Resp: 884
Ion Ratio Lower Upper
84 100
49 87.4 106.8 160.2#
51 42.9 32.3 48.5
86 29.2 51.3 76.9#



#21
trans-1,2-Dichloroethene
Concen: 0.201 ug/l
RT: 3.14 min Scan# 370
Delta R.T. -0.01 min
Lab File: VX012522.D
Acq: 19 Sep 2019 12:51

Tgt Ion: 96 Resp: 229
Ion Ratio Lower Upper
96 100
61 137.2 112.0 168.0
98 51.1 47.8 71.8





#29

Tetrahydrofuran

Concen: 0.306 ug/l

RT: 5.13 min Scan# 696

Delta R.T. 0.02 min

Lab File: VX012522.D

Acq: 19 Sep 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

DRUM-COMPME

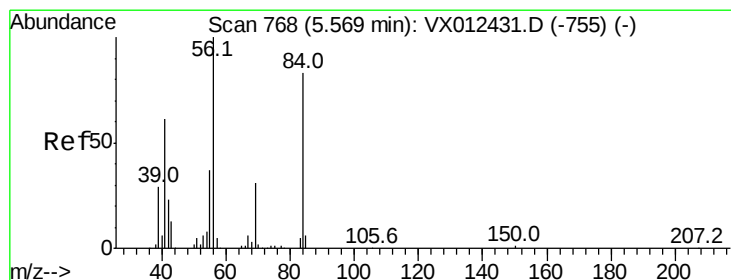
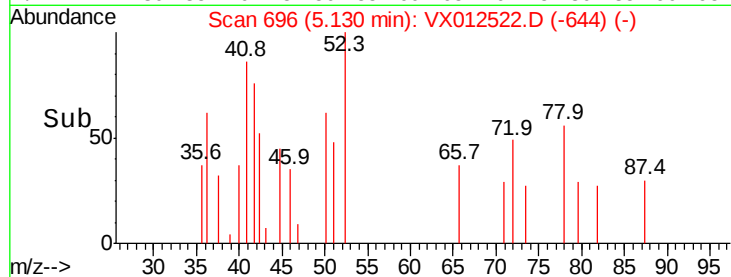
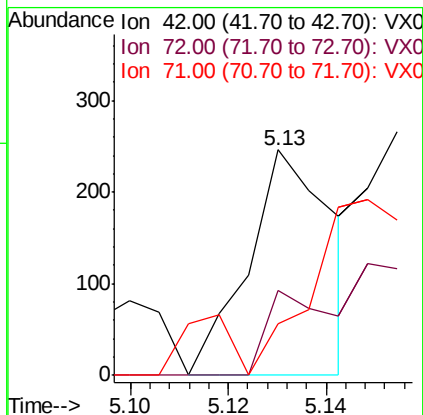
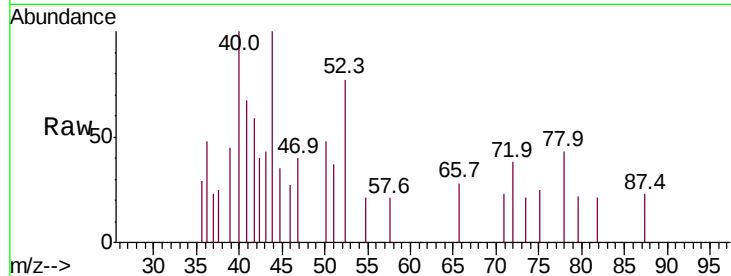
Tot Ion: 42 Resp: 293

Ion Ratio Lower Upper

42 100

72 0.0 34.0 51.0#

71 15.4 31.5 47.3#



#31

Cyclohexane

Concen: 0.448 ug/l

RT: 5.54 min Scan# 763

Delta R.T. -0.03 min

Lab File: VX012522.D

Acq: 19 Sep 2019 12:51

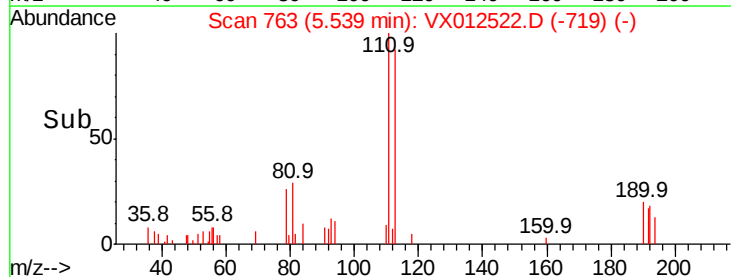
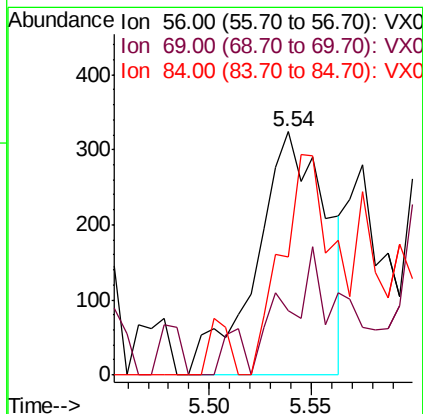
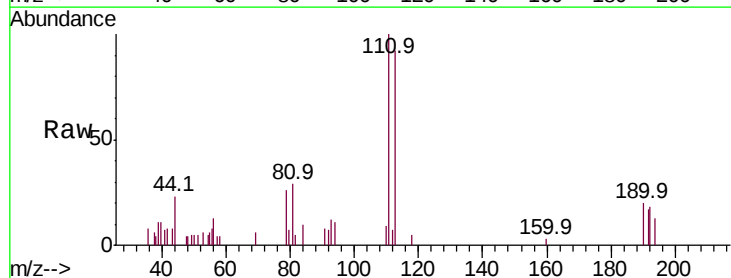
Tgt Ion: 56 Resp: 774

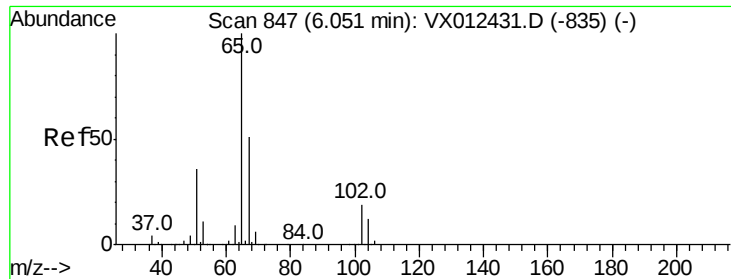
Ion Ratio Lower Upper

56 100

69 26.2 25.0 37.6

84 48.8 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 45.338 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012522.D

Acq: 19 Sep 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

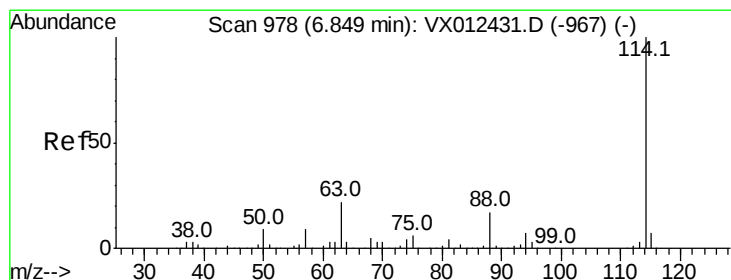
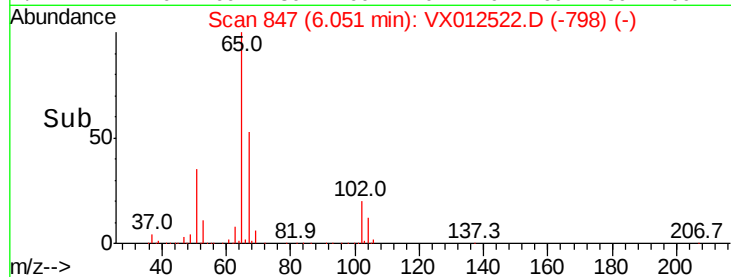
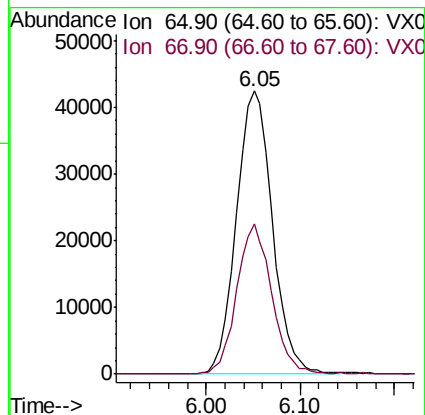
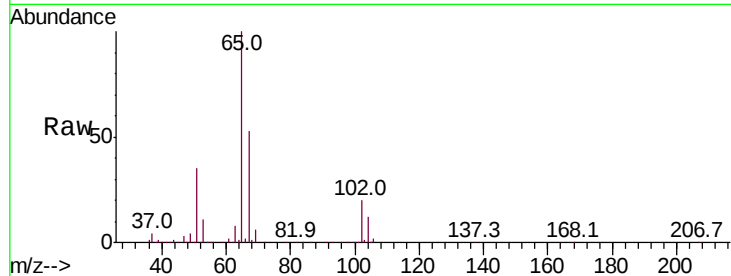
DRUM-COMPME

Tot Ion: 65 Resp: 113459

Ion Ratio Lower Upper

65 100

67 51.5 0.0 101.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012522.D

Acq: 19 Sep 2019 12:51

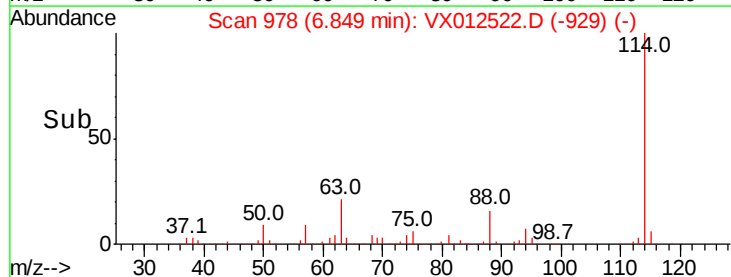
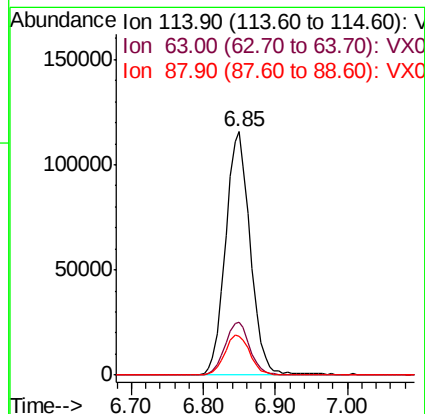
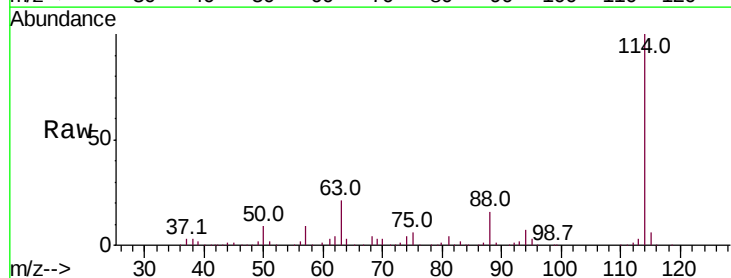
Tgt Ion: 114 Resp: 276588

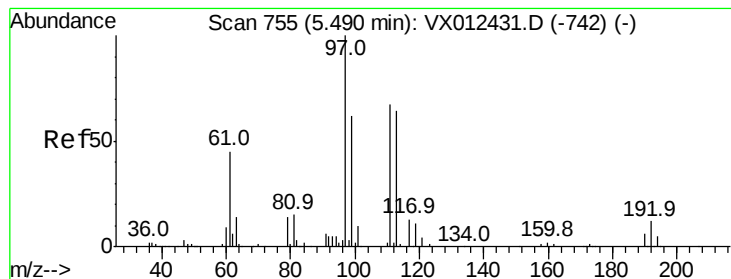
Ion Ratio Lower Upper

114 100

63 21.5 0.0 43.2

88 15.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 46.670 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012522.D

Acq: 19 Sep 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

DRUM-COMPME

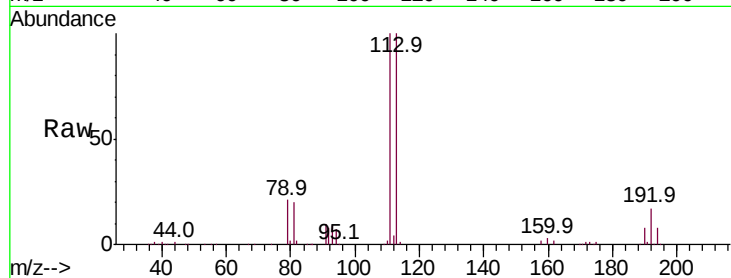
Tot Ion:113 Resp: 78129

Ion Ratio Lower Upper

113 100

111 104.4 83.4 125.2

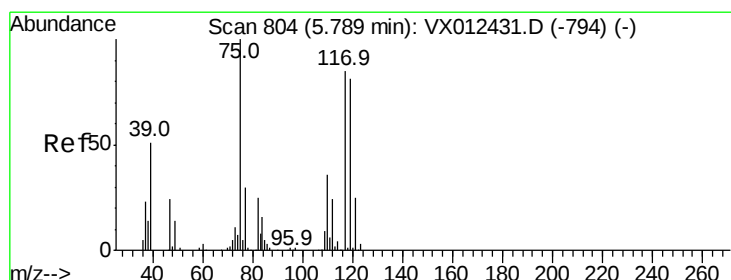
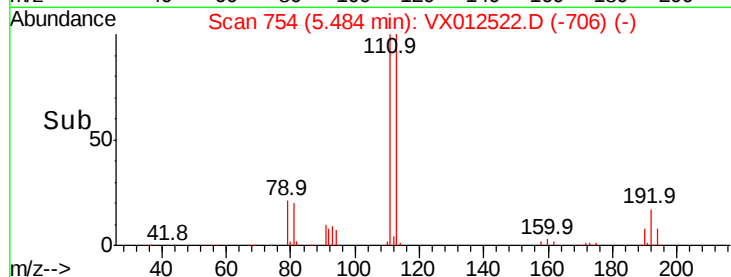
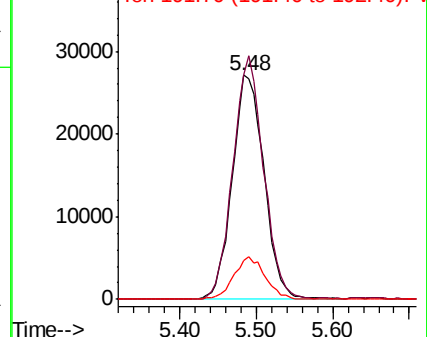
192 18.7 14.4 21.6



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: 8.653 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.15 min

Lab File: VX012522.D

Acq: 19 Sep 2019 12:51

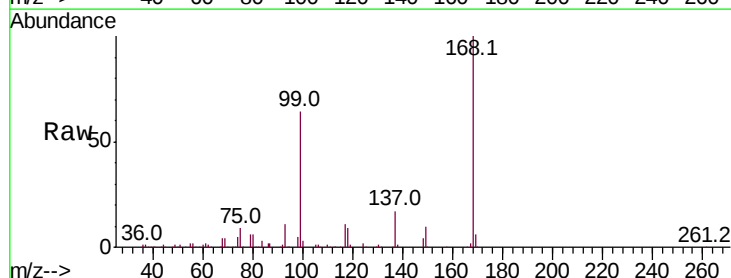
Tgt Ion: 75 Resp: 14546

Ion Ratio Lower Upper

75 100

110 10.2 16.7 50.0#

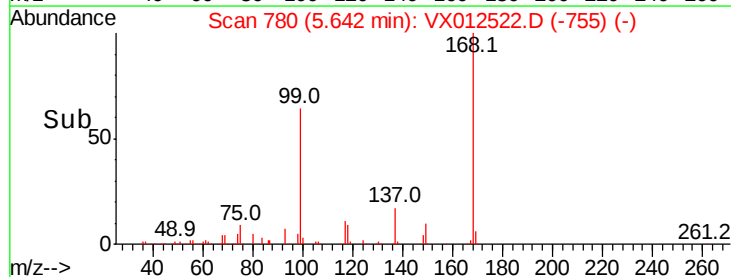
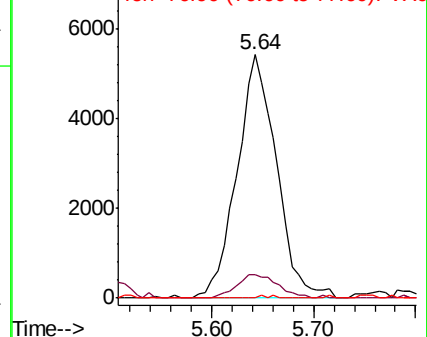
77 0.0 24.2 36.2#

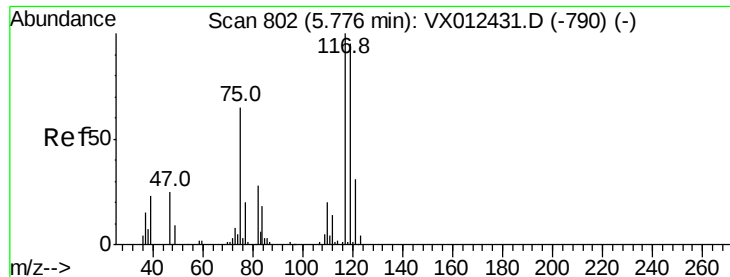


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

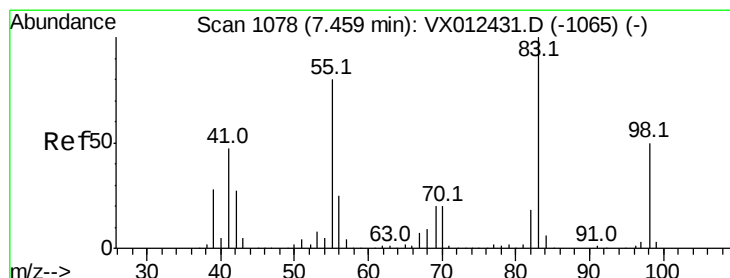
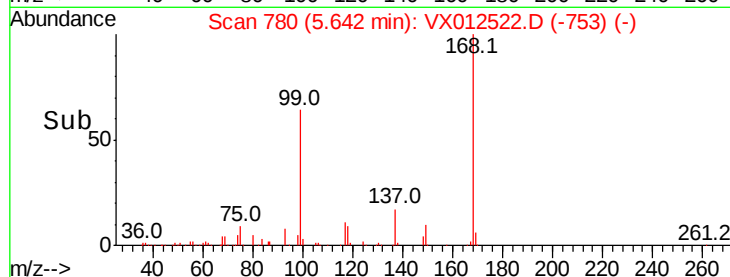
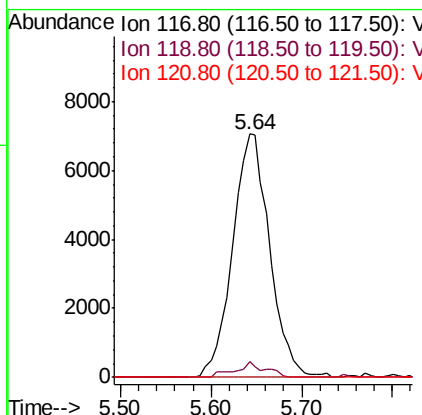
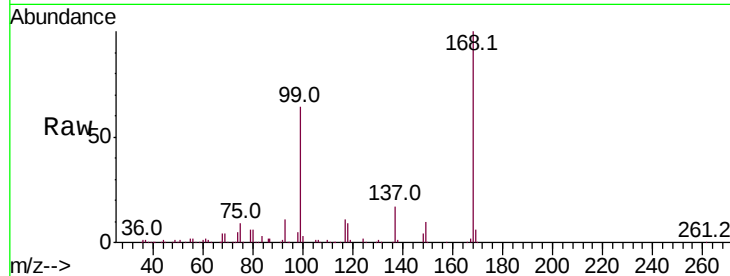




#38
Carbon Tetrachloride
Concen: 9.559 ug/l
RT: 5.64 min Scan# 780
Delta R.T. -0.13 min
Lab File: VX012522.D
Acq: 19 Sep 2019 12:51

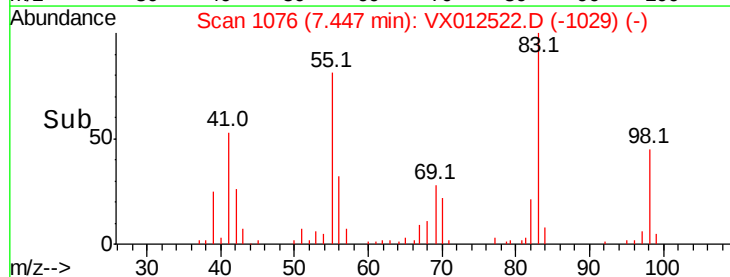
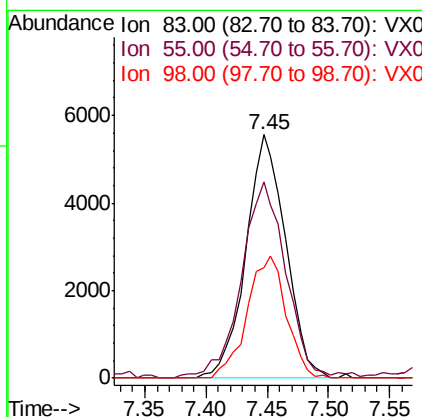
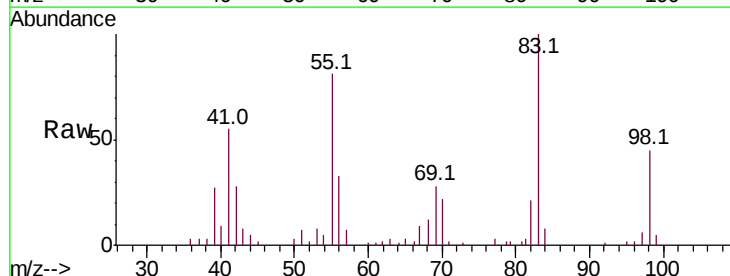
Instrument :
MSVOA_X
ClientSampleId :
DRUM-COMPME

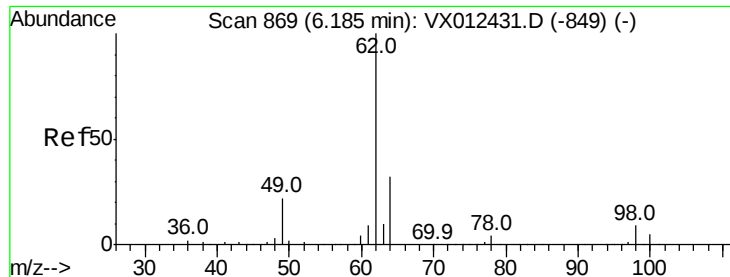
Tot Ion:117 Resp: 19984
Ion Ratio Lower Upper
117 100
119 6.3 75.7 113.5#
121 0.0 24.2 36.4#



#39
Methylcyclohexane
Concen: 7.671 ug/l
RT: 7.45 min Scan# 1076
Delta R.T. -0.01 min
Lab File: VX012522.D
Acq: 19 Sep 2019 12:51

Tgt Ion: 83 Resp: 12535
Ion Ratio Lower Upper
83 100
55 78.9 64.4 96.6
98 45.2 40.1 60.1





#42

1,2-Dichloroethane

Concen: 0.218 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX012522.D

Acq: 19 Sep 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

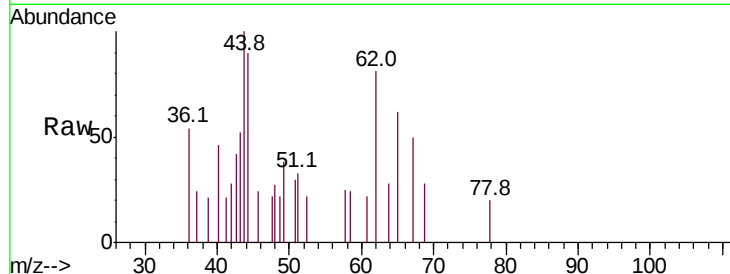
DRUM-COMPME

Tot Ion: 62 Resp: 540

Ion Ratio Lower Upper

62 100

98 12.0 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

250

200

150

100

50

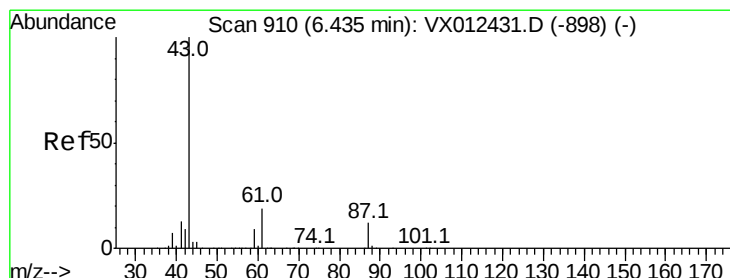
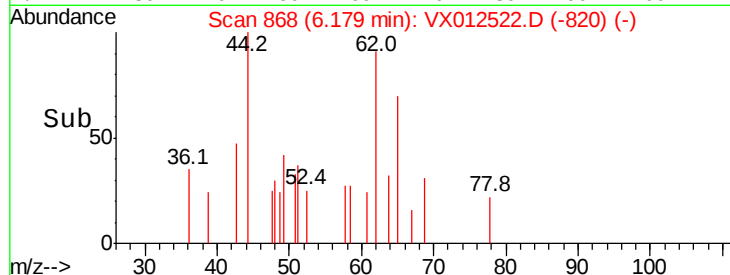
0

6.15

6.20

6.25

Time-->



#43

Isopropyl Acetate

Concen: 0.306 ug/l

RT: 6.47 min Scan# 915

Delta R.T. 0.03 min

Lab File: VX012522.D

Acq: 19 Sep 2019 12:51

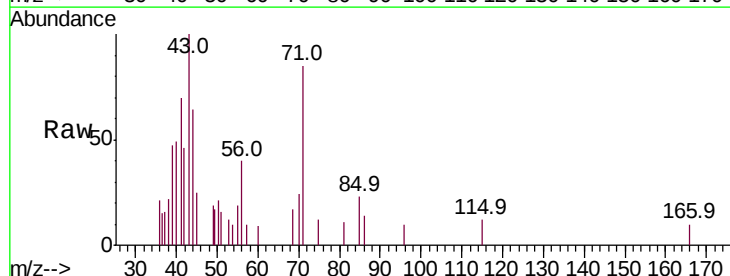
Tgt Ion: 43 Resp: 1417

Ion Ratio Lower Upper

43 100

61 0.0 15.4 23.0#

87 0.0 9.8 14.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

600

400

200

0

6.35

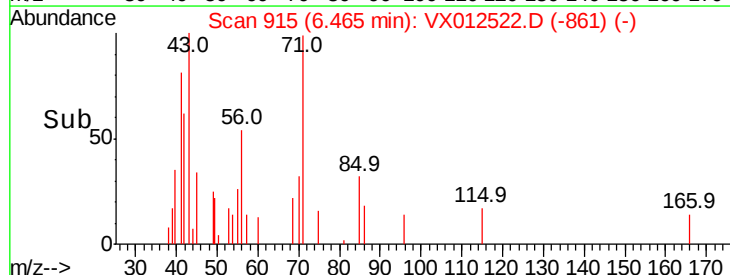
6.40

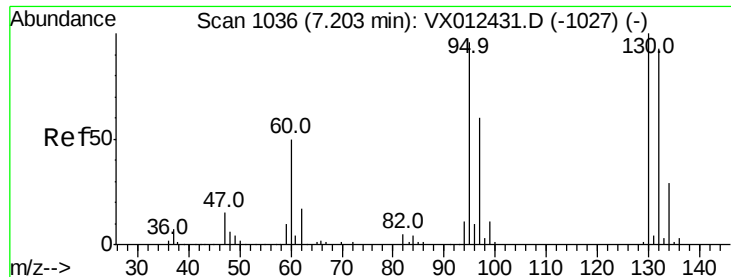
6.45

6.50

6.55

Time-->

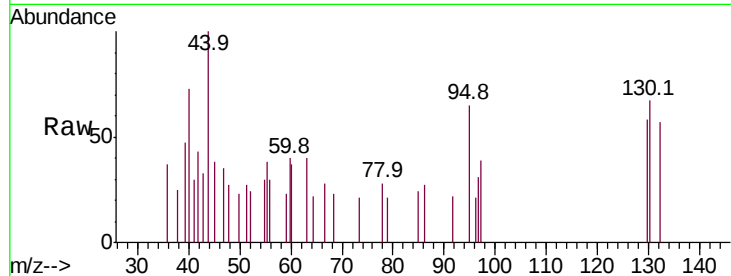




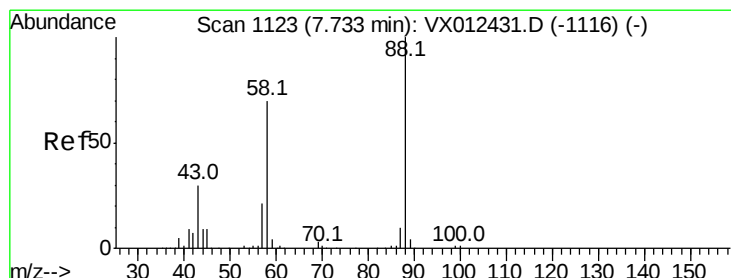
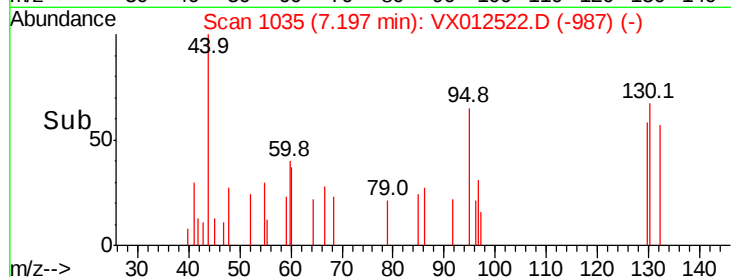
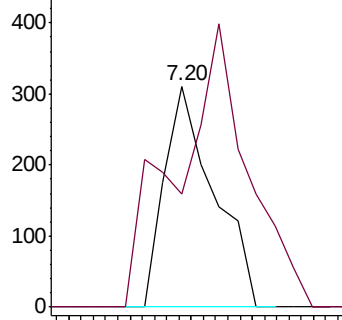
#44
 Trichloroethene
 Concen: 0.247 ug/l
 RT: 7.20 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: VX012522.D
 Acq: 19 Sep 2019 12:51

Instrument :
 MSVOA_X
 ClientSampleId :
 DRUM-COMPME

Tot Ion:130 Resp: 347
 Ion Ratio Lower Upper
 130 100
 95 51.4 0.0 193.0

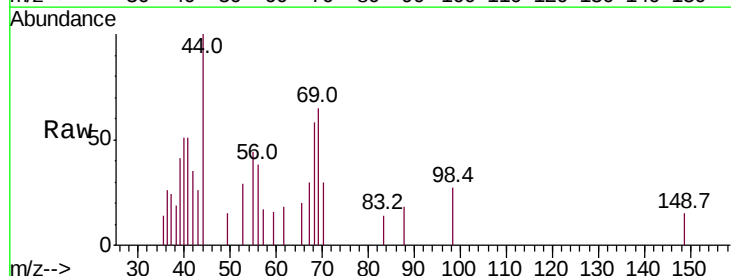


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

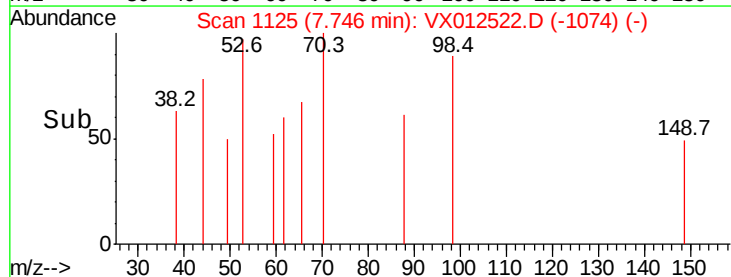
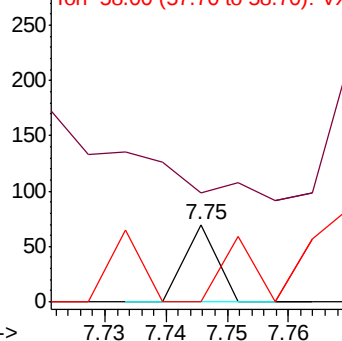


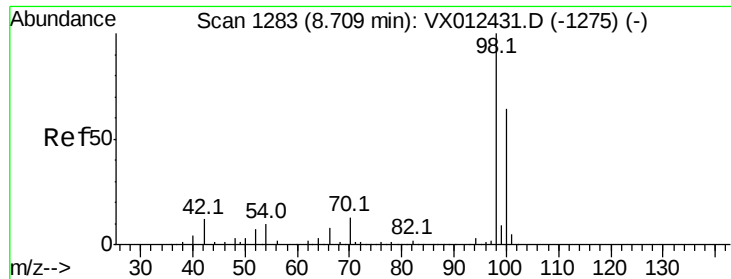
#49
 1,4-Dioxane
 Concen: 0.489 ug/l
 RT: 7.75 min Scan# 1125
 Delta R.T. 0.01 min
 Lab File: VX012522.D
 Acq: 19 Sep 2019 12:51

Tgt Ion: 88 Resp: 26
 Ion Ratio Lower Upper
 88 100
 43 0.0 29.4 44.0#
 58 0.0 57.5 86.3#



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

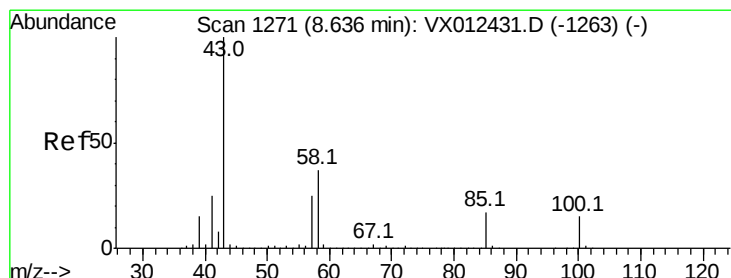
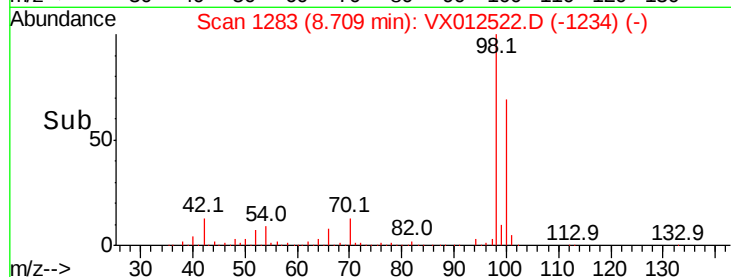
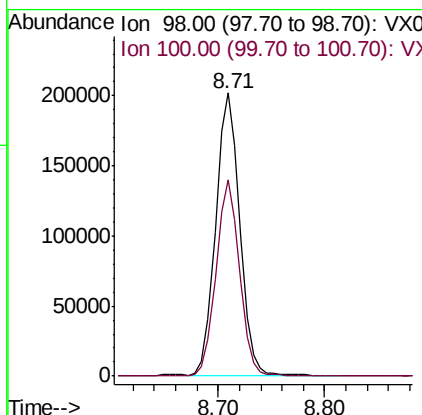
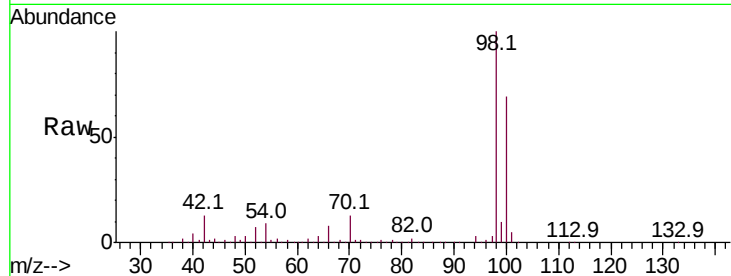




#50
Toluene-d8
Concen: 50.708 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012522.D
Acq: 19 Sep 2019 12:51

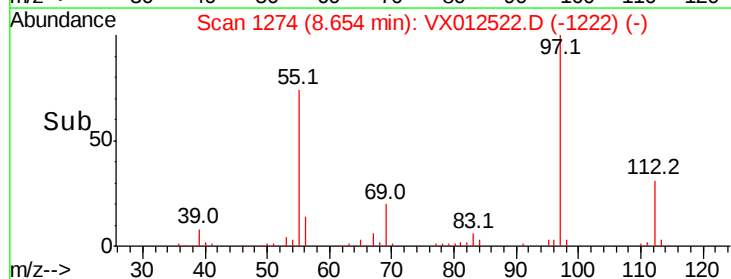
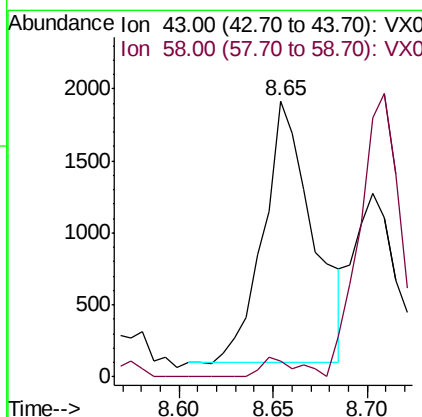
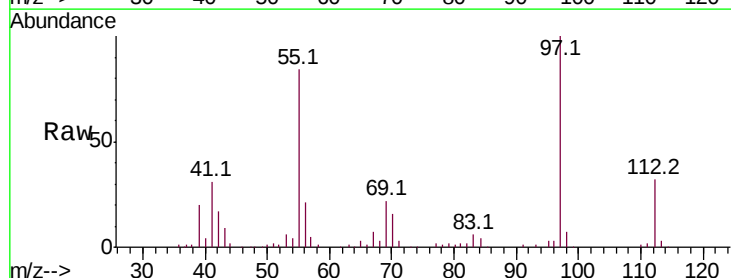
Instrument :
MSVOA_X
ClientSampleId :
DRUM-COMPME

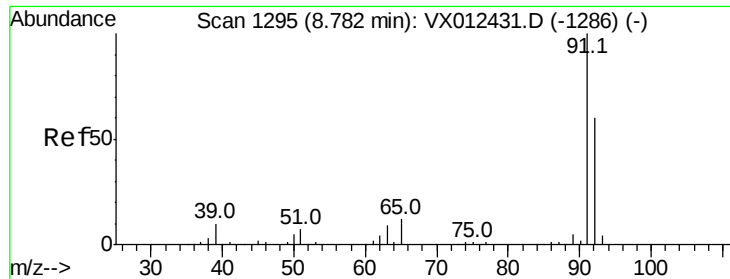
Tot Ion: 98 Resp: 314212
Ion Ratio Lower Upper
98 100
100 68.6 53.4 80.2



#51
4-Methyl-2-Pentanone
Concen: 1.095 ug/l
RT: 8.65 min Scan# 1274
Delta R.T. 0.02 min
Lab File: VX012522.D
Acq: 19 Sep 2019 12:51

Tgt Ion: 43 Resp: 3326
Ion Ratio Lower Upper
43 100
58 5.3 29.8 44.6#





#52

Toluene

Concen: 1.686 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012522.D

Acq: 19 Sep 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

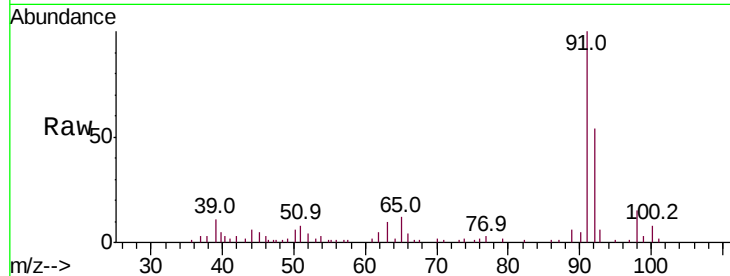
DRUM-COMPME

Tot Ion: 92 Resp: 5807

Ion Ratio Lower Upper

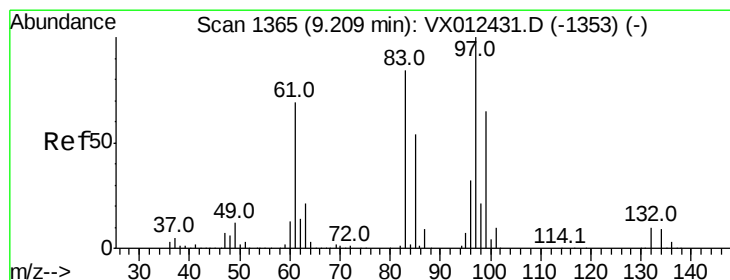
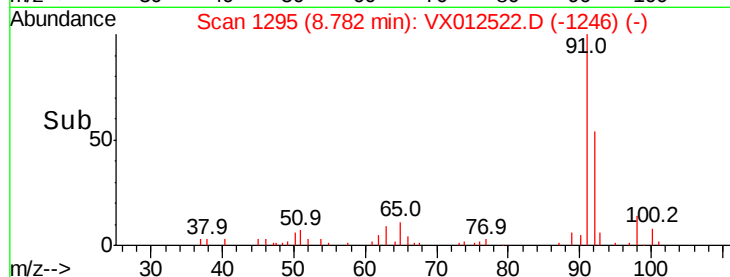
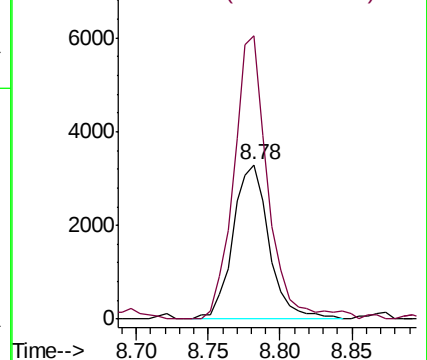
92 100

91 172.3 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#55

1,1,2-Trichloroethane

Concen: 1.035 ug/l

RT: 9.26 min Scan# 1373

Delta R.T. 0.05 min

Lab File: VX012522.D

Acq: 19 Sep 2019 12:51

Tgt Ion: 97 Resp: 1837

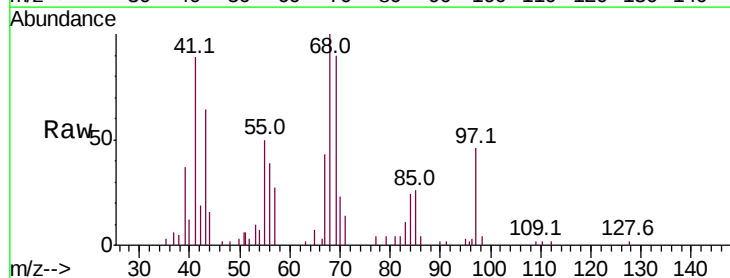
Ion Ratio Lower Upper

97 100

83 25.0 67.4 101.2#

85 51.7 43.5 65.3

99 0.0 51.8 77.8#

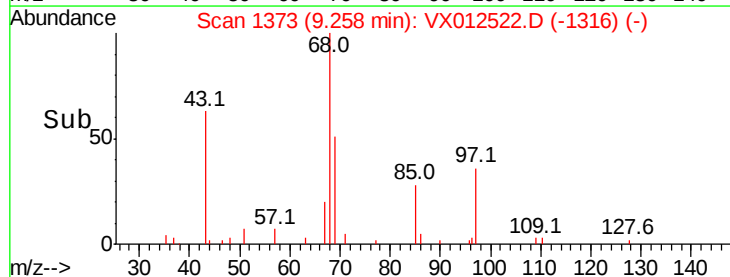
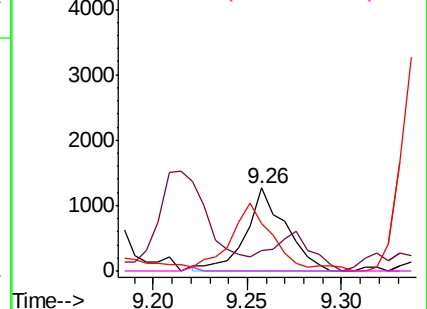


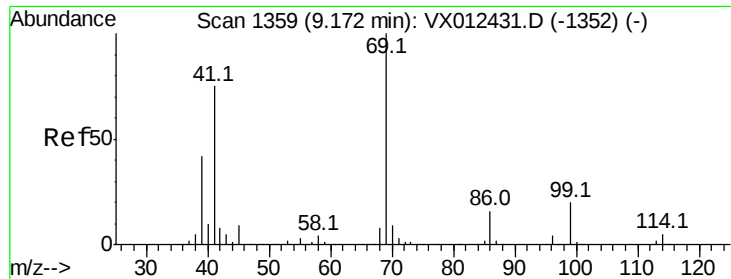
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0





#56

Ethyl methacrylate

Concen: 2.562 ug/l

RT: 9.15 min Scan# 1356

Delta R.T. -0.02 min

Lab File: VX012522.D

Acq: 19 Sep 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

DRUM-COMPME

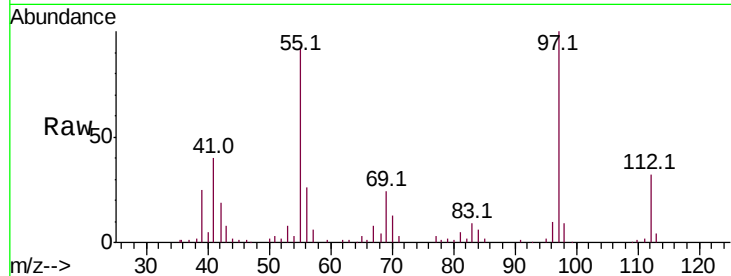
Tot Ion: 69 Resp: 7107

Ion Ratio Lower Upper

69 100

41 159.5 58.4 87.6#

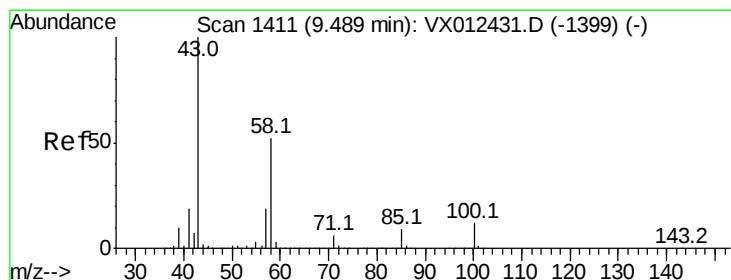
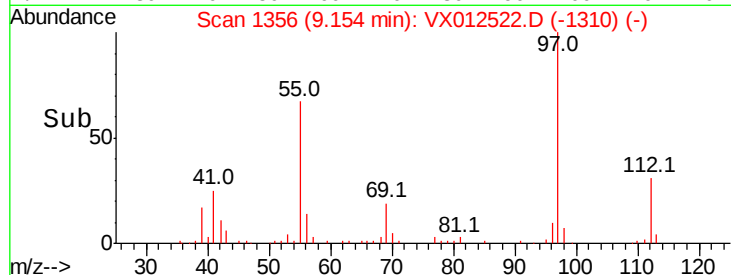
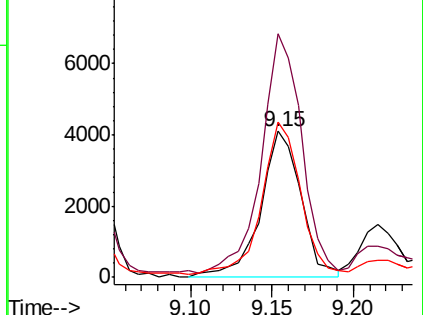
39 100.2 33.4 50.0#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#59

2-Hexanone

Concen: 13.842 ug/l

RT: 9.43 min Scan# 1402

Delta R.T. -0.05 min

Lab File: VX012522.D

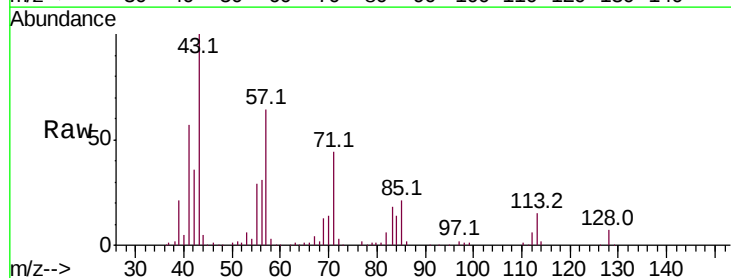
Acq: 19 Sep 2019 12:51

Tgt Ion: 43 Resp: 32798

Ion Ratio Lower Upper

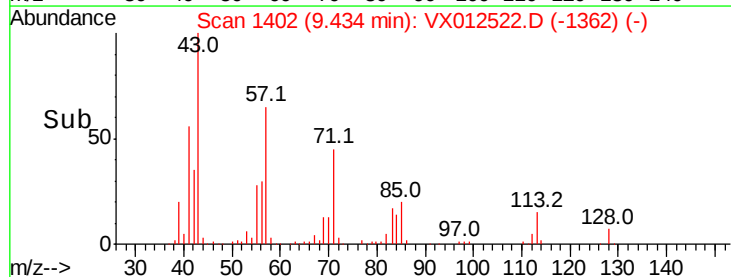
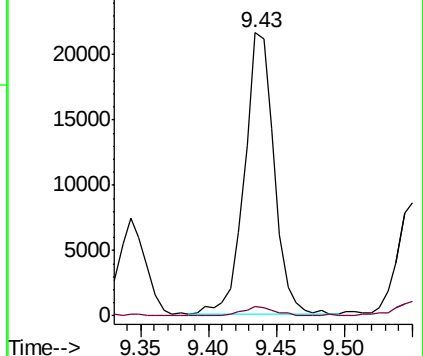
43 100

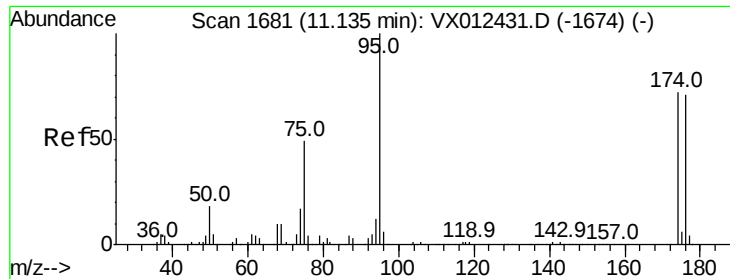
58 3.8 25.7 77.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#62

4-Bromofluorobenzene

Concen: 49.086 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012522.D

Acq: 19 Sep 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

DRUM-COMPME

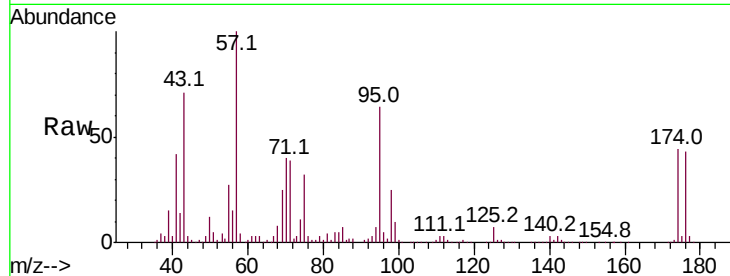
Tot Ion: 95 Resp: 126291

Ion Ratio Lower Upper

95 100

174 67.1 0.0 140.0

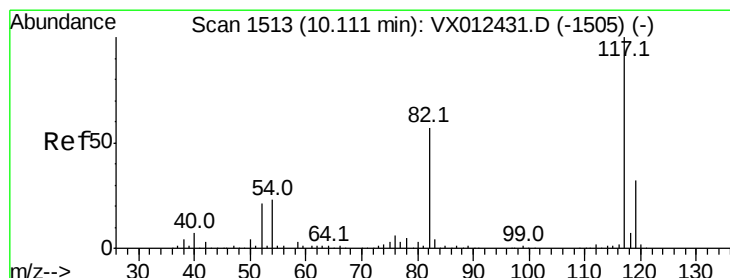
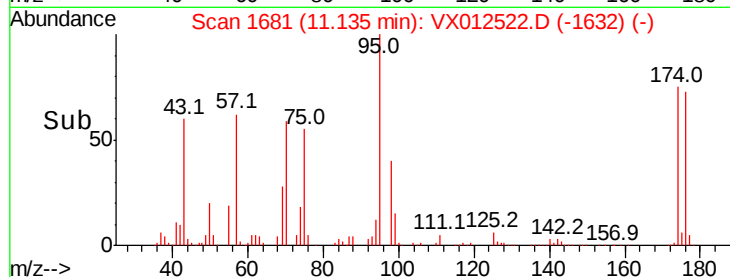
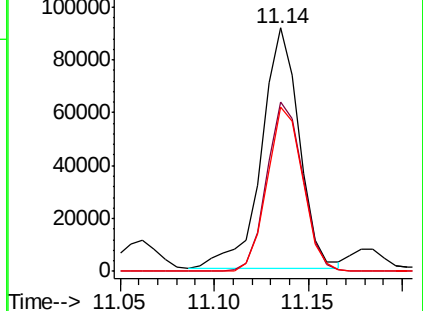
176 64.7 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VX012431.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX012431.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX012431.D (-1674) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012522.D

Acq: 19 Sep 2019 12:51

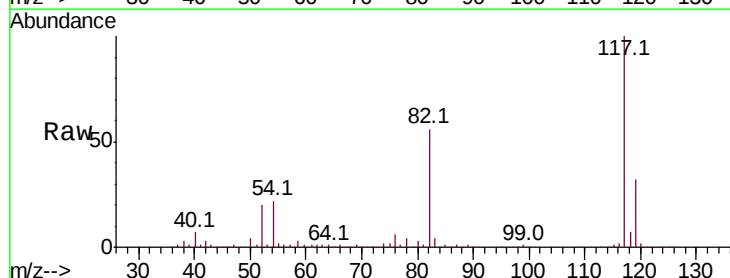
Tgt Ion: 117 Resp: 235439

Ion Ratio Lower Upper

117 100

82 54.9 45.9 68.9

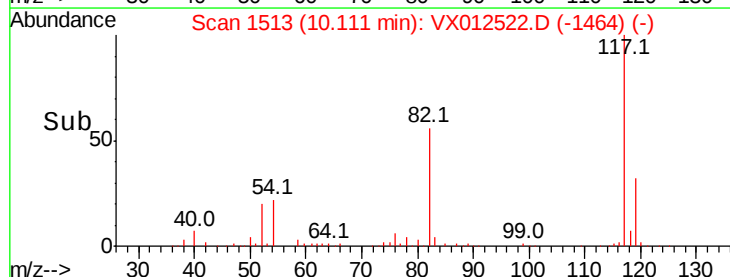
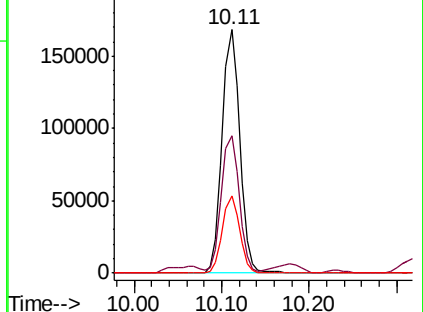
119 32.0 25.3 37.9

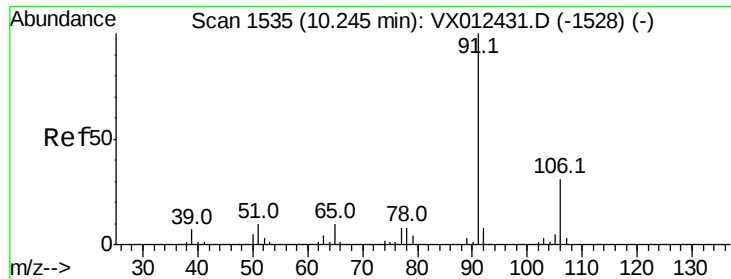


Abundance Ion 116.90 (116.60 to 117.60): VX012431.D (-1505) (-)

Ion 82.00 (81.70 to 82.70): VX012431.D (-1505) (-)

Ion 118.90 (118.60 to 119.60): VX012431.D (-1505) (-)

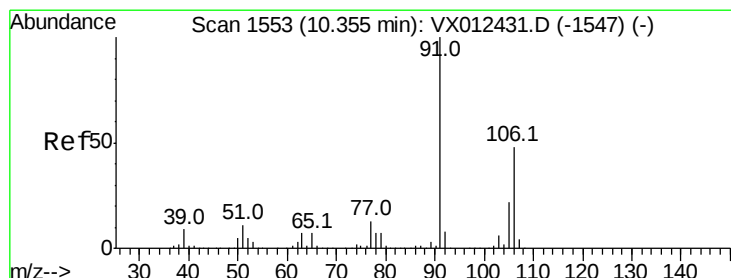
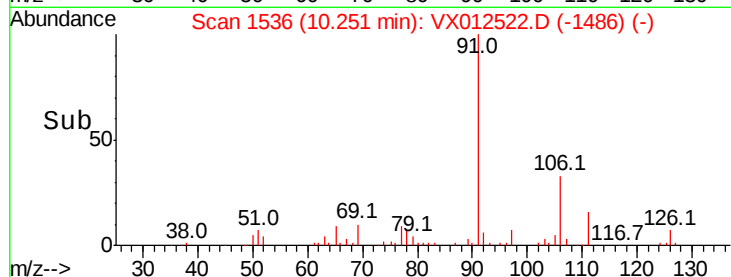
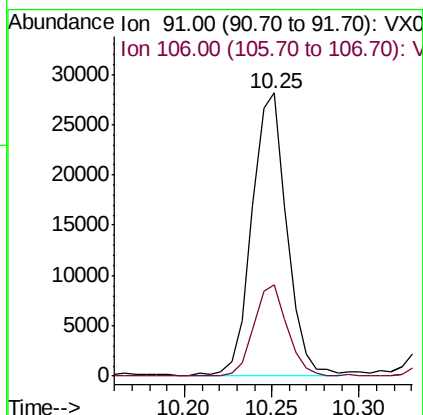
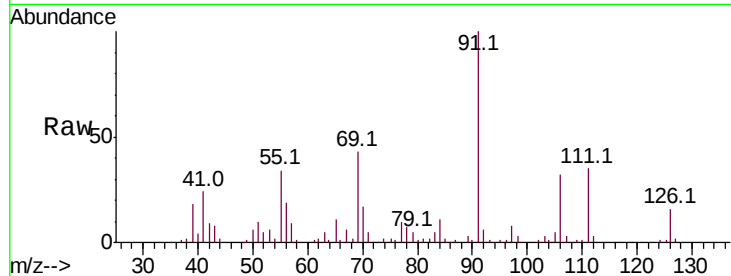




#67
Ethyl Benzene
Concen: 5.810 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX012522.D
Acq: 19 Sep 2019 12:51

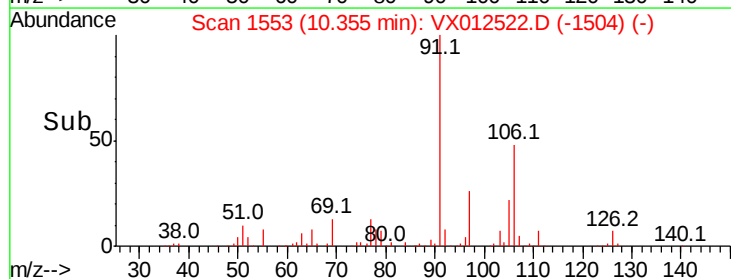
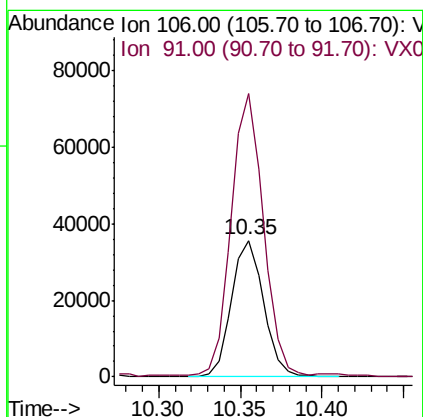
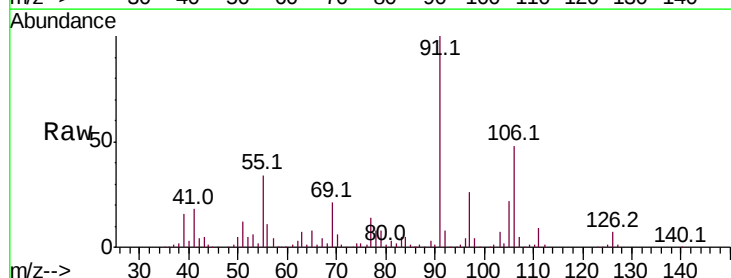
Instrument :
MSVOA_X
ClientSampleId :
DRUM-COMPME

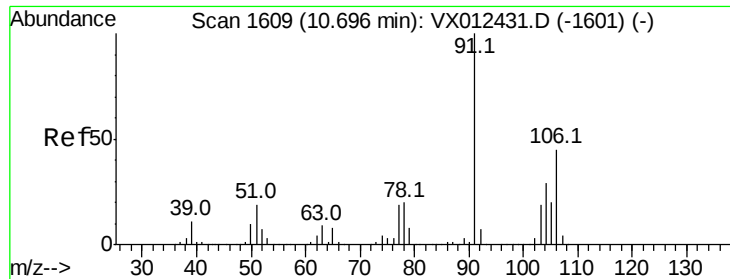
Tot Ion: 91 Resp: 38786
Ion Ratio Lower Upper
91 100
106 32.5 24.6 37.0



#68
m/p-Xylenes
Concen: 20.159 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012522.D
Acq: 19 Sep 2019 12:51

Tgt Ion: 106 Resp: 48968
Ion Ratio Lower Upper
106 100
91 206.2 166.6 250.0

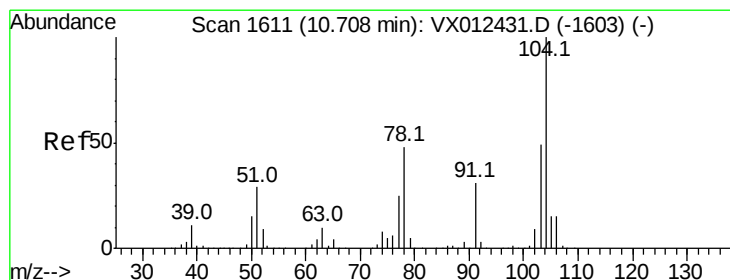
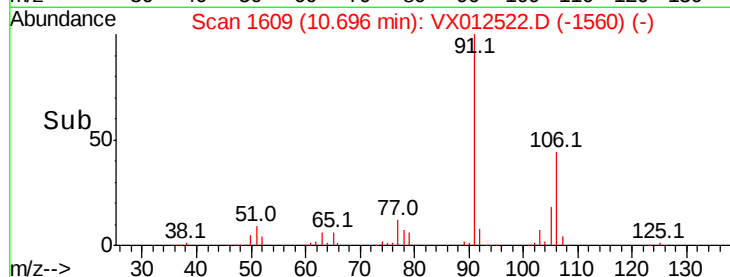
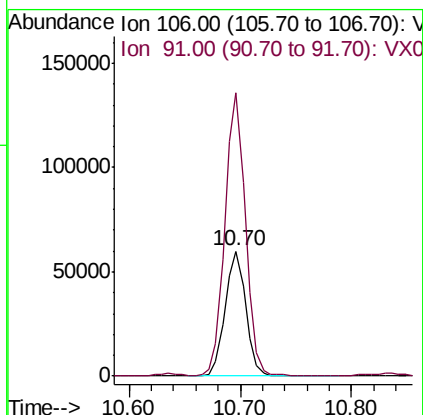
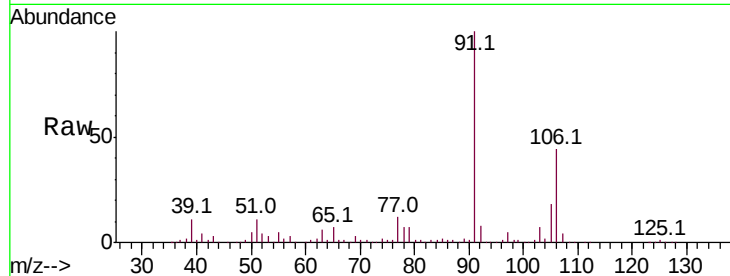




#69
o-Xylene
Concen: 30.716 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012522.D
Acq: 19 Sep 2019 12:51

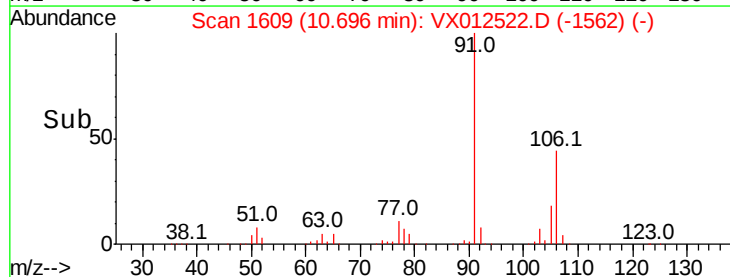
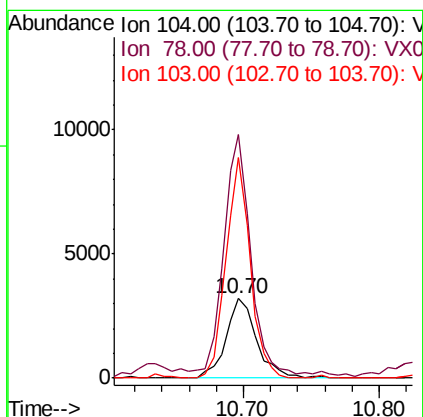
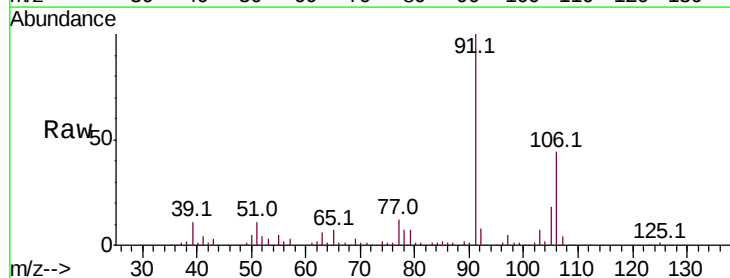
Instrument :
MSVOA_X
ClientSampleId :
DRUM-COMPME

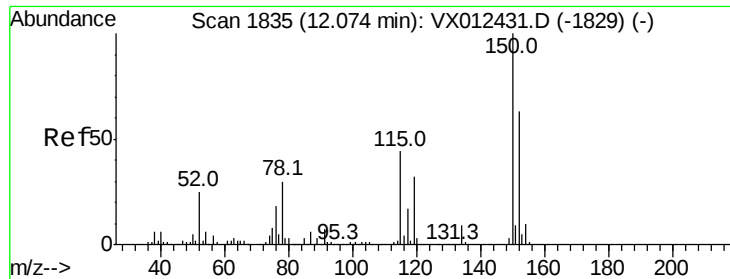
Tot Ion:106 Resp: 76733
Ion Ratio Lower Upper
106 100
91 224.4 109.4 328.2



#70
Styrene
Concen: 1.137 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.01 min
Lab File: VX012522.D
Acq: 19 Sep 2019 12:51

Tgt Ion:104 Resp: 5027
Ion Ratio Lower Upper
104 100
78 259.9 43.4 65.2#
103 218.5 43.3 64.9#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012522.D

Acq: 19 Sep 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

DRUM-COMPME

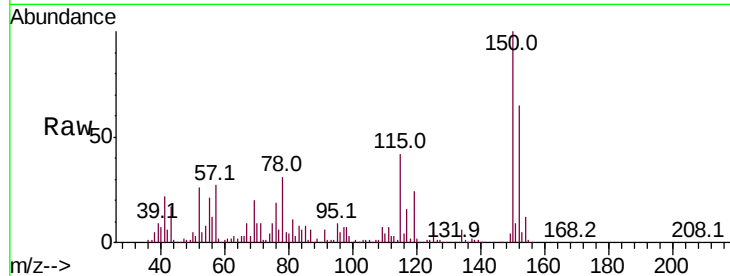
Tot Ion:152 Resp: 104736

Ion Ratio Lower Upper

152 100

115 71.1 44.1 132.3

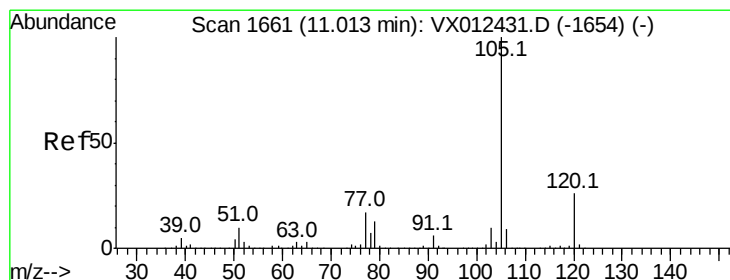
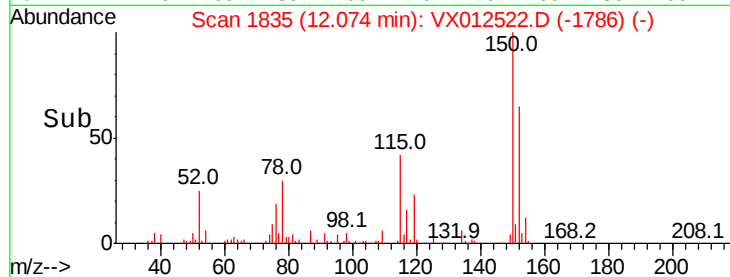
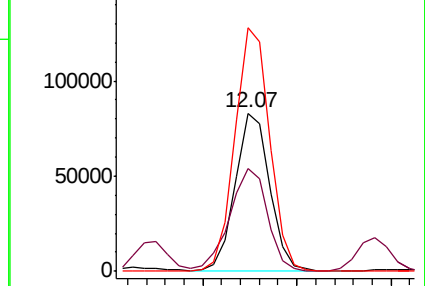
150 155.2 0.0 343.8



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: 2.507 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012522.D

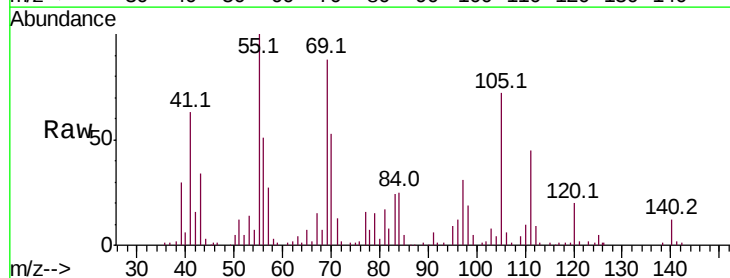
Acq: 19 Sep 2019 12:51

Tgt Ion:105 Resp: 16478

Ion Ratio Lower Upper

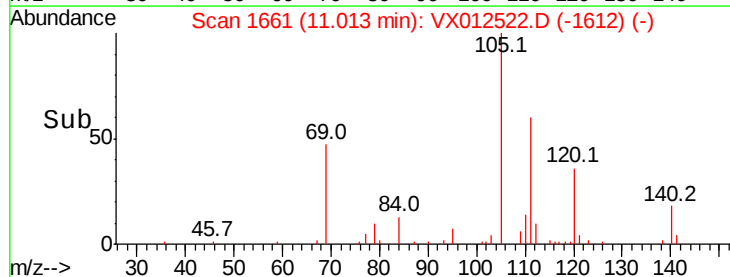
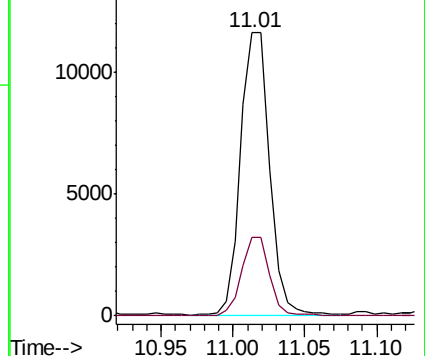
105 100

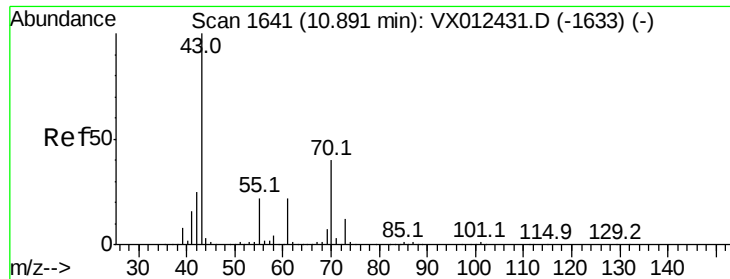
120 26.6 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 15.276 ug/l

RT: 10.90 min Scan# 1643

Delta R.T. 0.01 min

Lab File: VX012522.D

Acq: 19 Sep 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

DRUM-COMPME

Tot Ion: 43 Resp: 54048

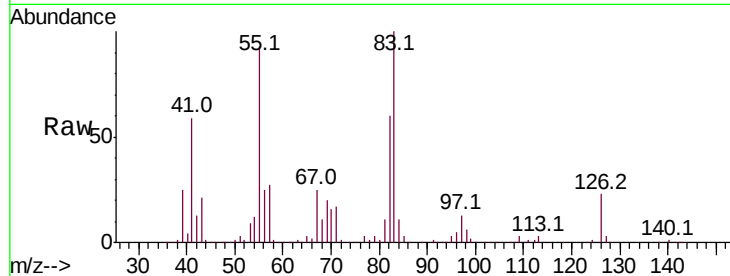
Ion Ratio Lower Upper

43 100

70 144.7 32.4 48.6#

55 454.6 18.2 27.4#

61 0.4 18.5 27.7#

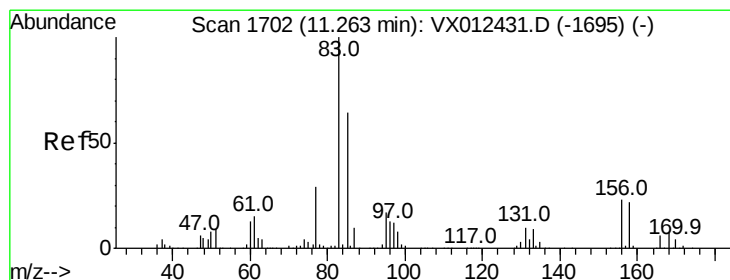
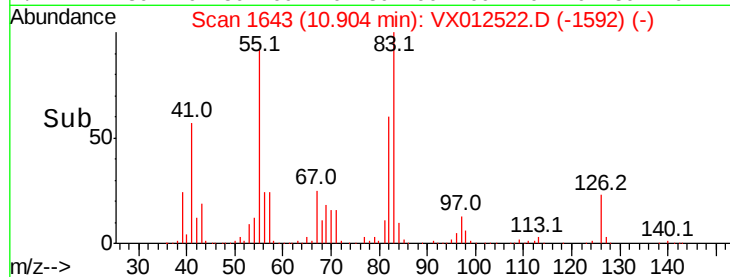
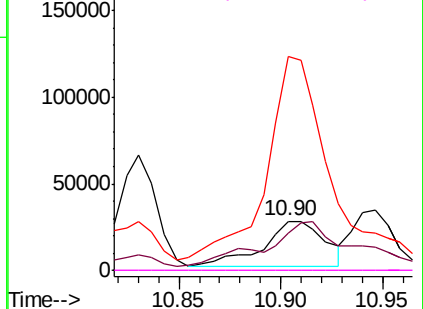


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 14.166 ug/l

RT: 11.27 min Scan# 1703

Delta R.T. 0.01 min

Lab File: VX012522.D

Acq: 19 Sep 2019 12:51

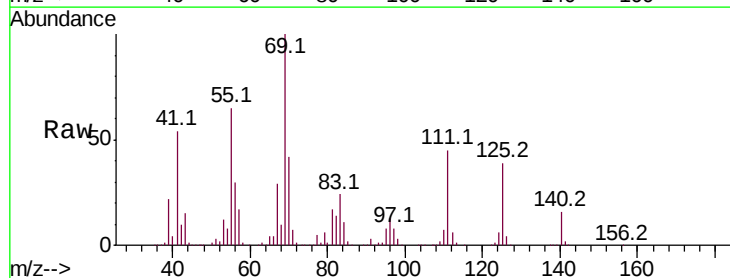
Tgt Ion: 83 Resp: 36519

Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

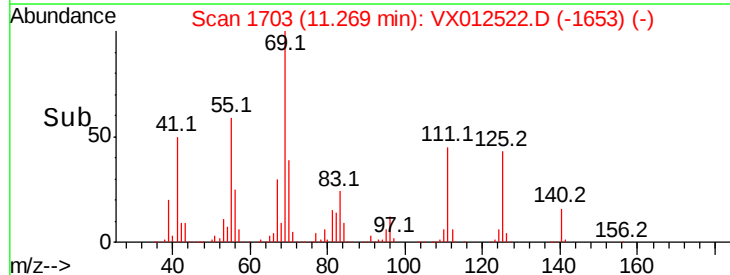
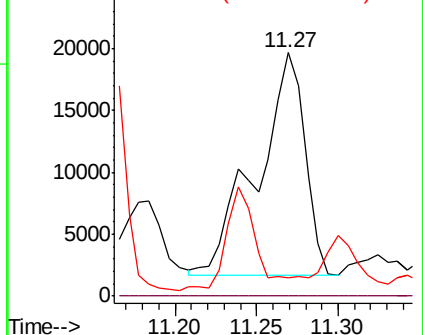
85 0.0 32.0 96.0#

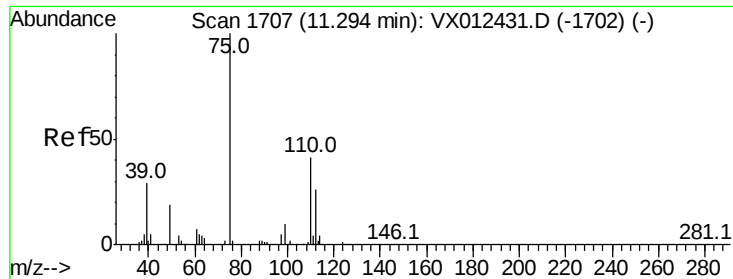


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 3.792 ug/l

RT: 11.43 min Scan# 1729

Delta R.T. 0.13 min

Lab File: VX012522.D

Acq: 19 Sep 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

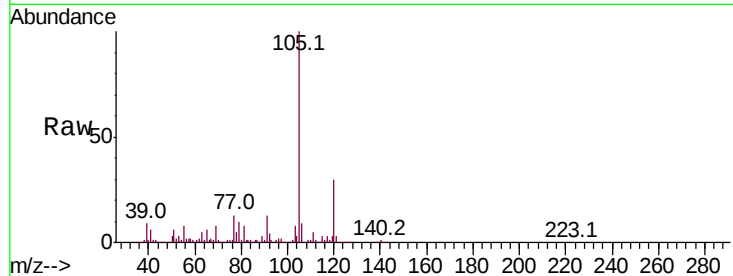
DRUM-COMPME

Tot Ion: 75 Resp: 9123

Ion Ratio Lower Upper

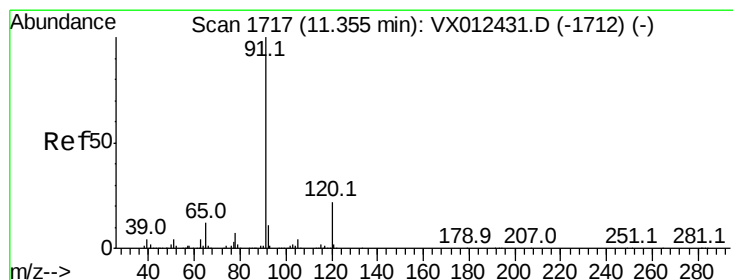
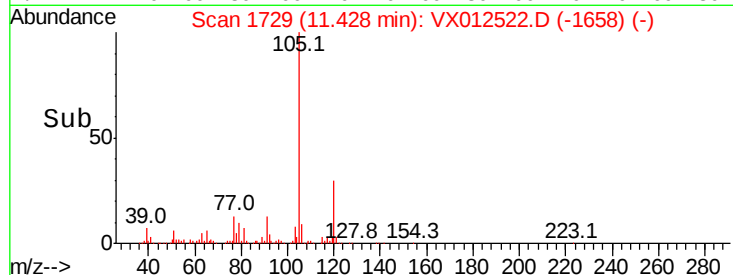
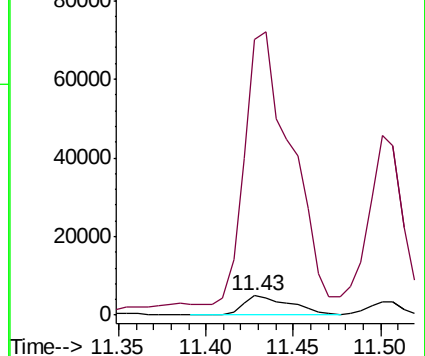
75 100

77 1481.5 19.7 59.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#78

n-propylbenzene

Concen: 6.526 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012522.D

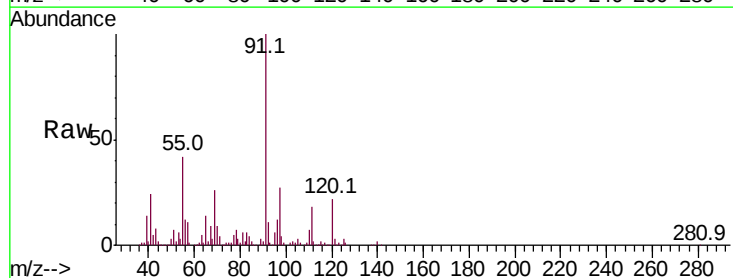
Acq: 19 Sep 2019 12:51

Tgt Ion: 91 Resp: 47795

Ion Ratio Lower Upper

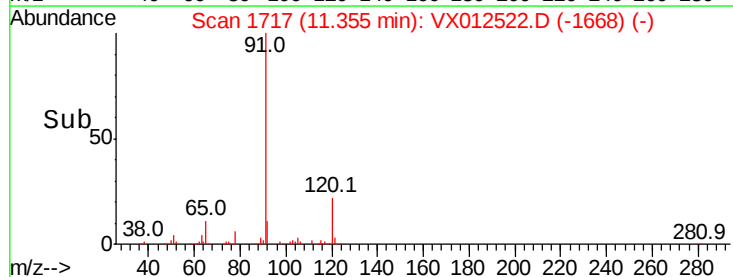
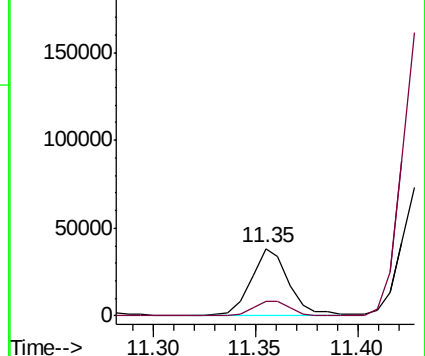
91 100

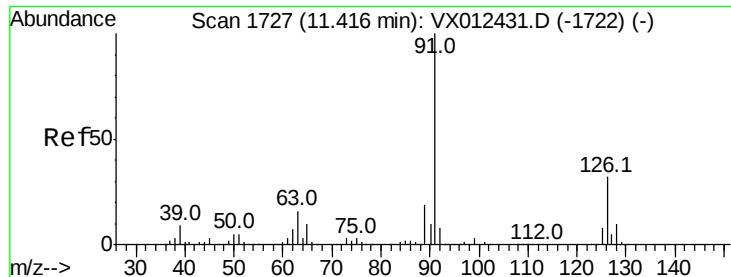
120 22.1 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 28.830 ug/l

RT: 11.43 min Scan# 1730

Delta R.T. 0.02 min

Lab File: VX012522.D

Acq: 19 Sep 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

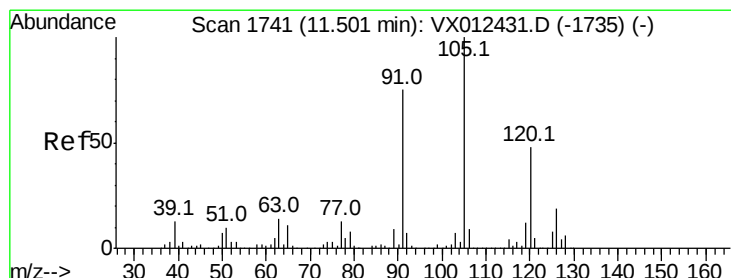
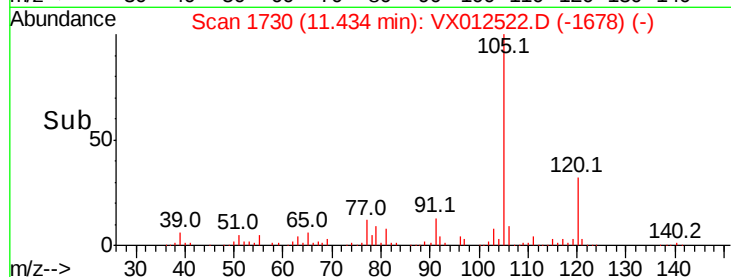
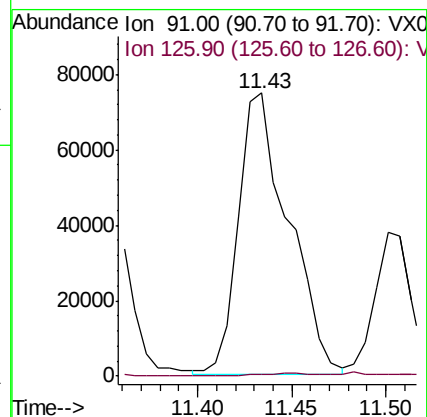
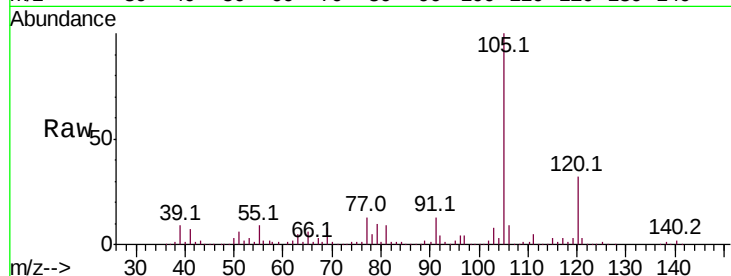
DRUM-COMPME

Tot Ion: 91 Resp: 137373

Ion Ratio Lower Upper

91 100

126 1.1 16.4 49.4#



#80

1,3,5-Trimethylbenzene

Concen: 75.257 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX012522.D

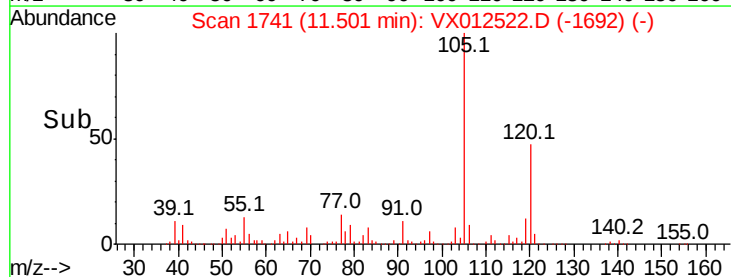
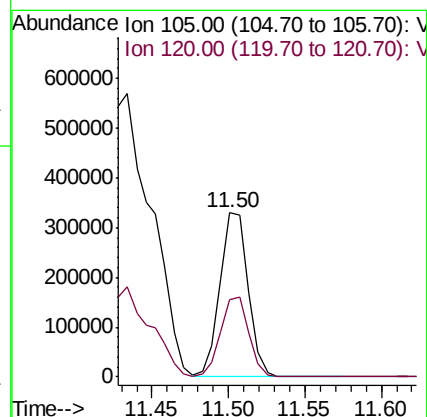
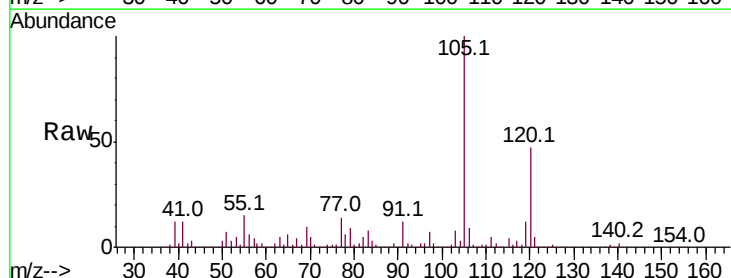
Acq: 19 Sep 2019 12:51

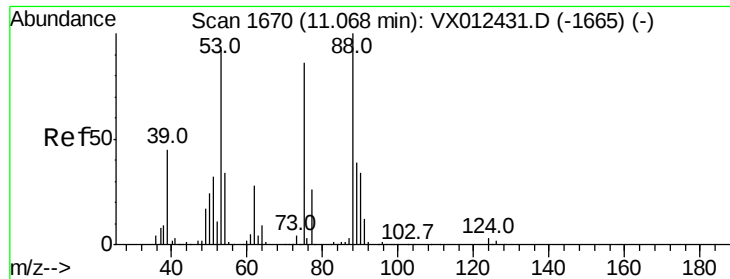
Tgt Ion:105 Resp: 421776

Ion Ratio Lower Upper

105 100

120 48.8 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 68.315 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.07 min

Lab File: VX012522.D

Acq: 19 Sep 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

DRUM-COMPME

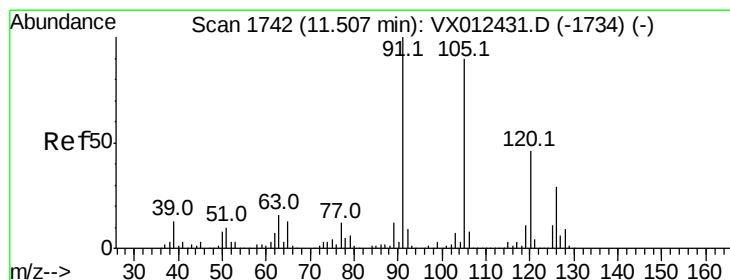
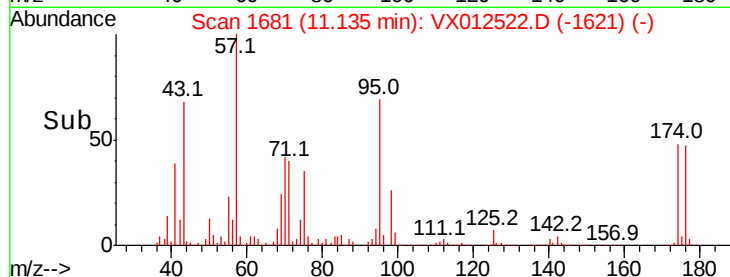
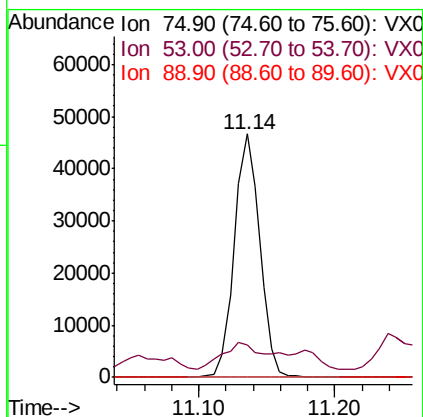
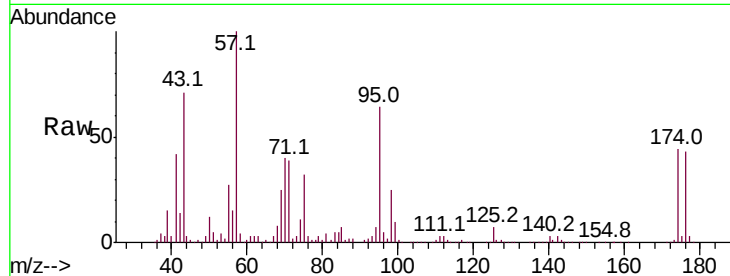
Tot Ion: 75 Resp: 60926

Ion Ratio Lower Upper

75 100

53 19.7 83.6 125.4#

89 0.1 36.3 54.5#



#82

4-Chlorotoluene

Concen: 9.287 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.01 min

Lab File: VX012522.D

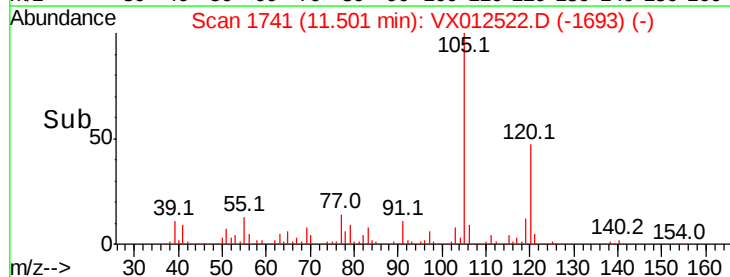
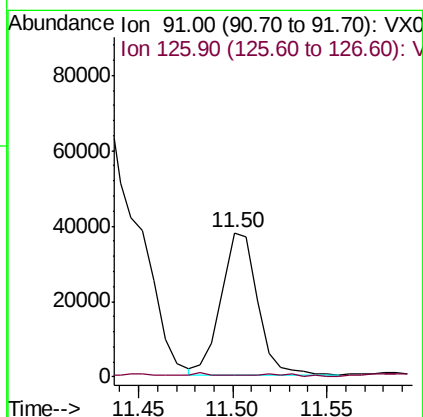
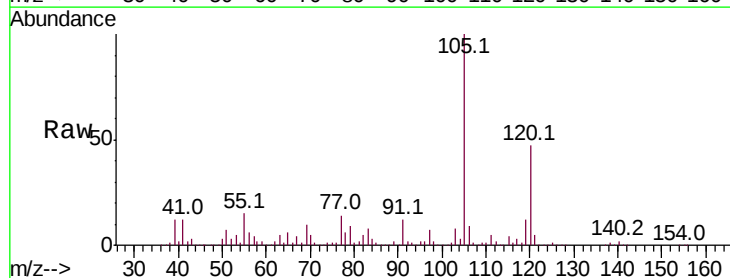
Acq: 19 Sep 2019 12:51

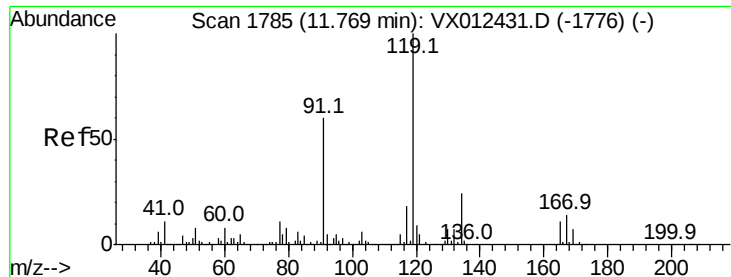
Tgt Ion: 91 Resp: 50788

Ion Ratio Lower Upper

91 100

126 1.9 14.4 43.0#





#83

tert-Butylbenzene

Concen: 14.000 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. 0.04 min

Lab File: VX012522.D

Acq: 19 Sep 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

DRUM-COMPME

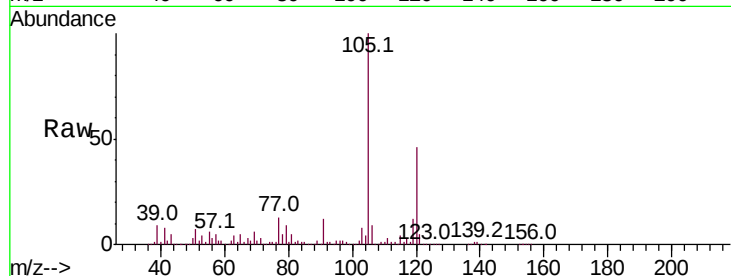
Tot Ion:119 Resp: 84078

Ion Ratio Lower Upper

119 100

91 96.3 30.0 90.0#

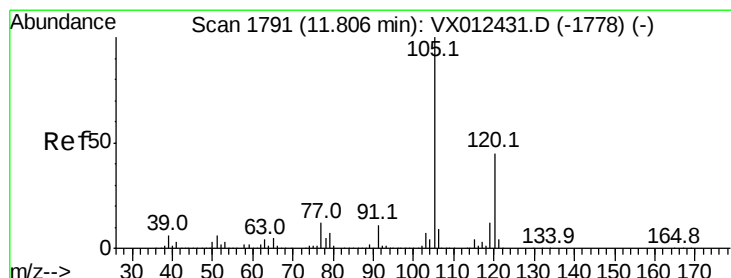
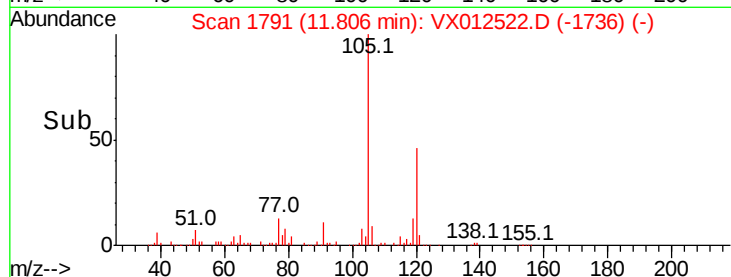
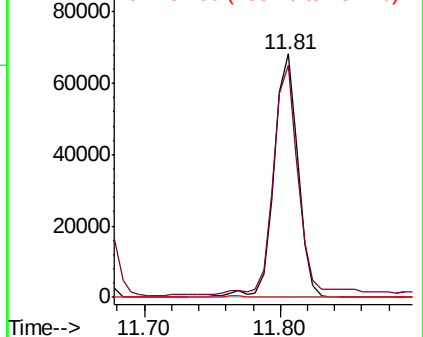
134 0.0 11.3 33.9#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 118.374 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX012522.D

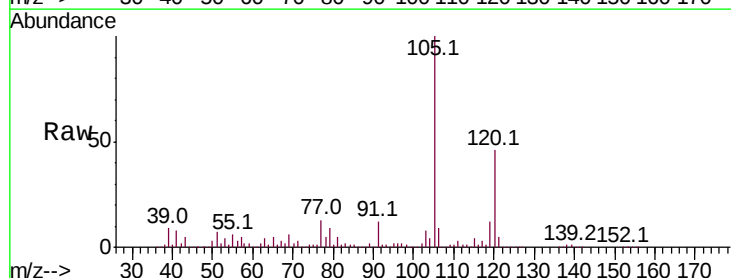
Acq: 19 Sep 2019 12:51

Tgt Ion:105 Resp: 681187

Ion Ratio Lower Upper

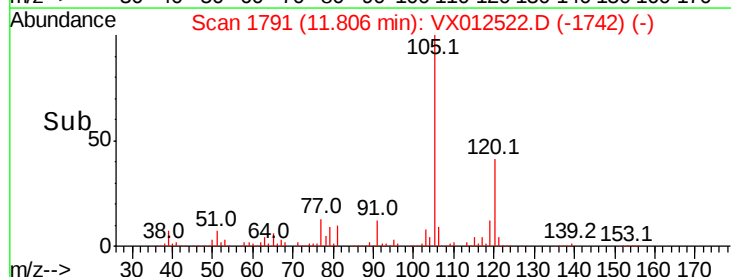
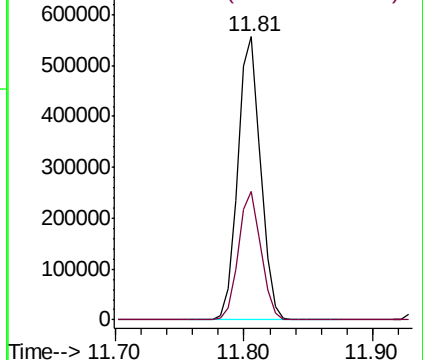
105 100

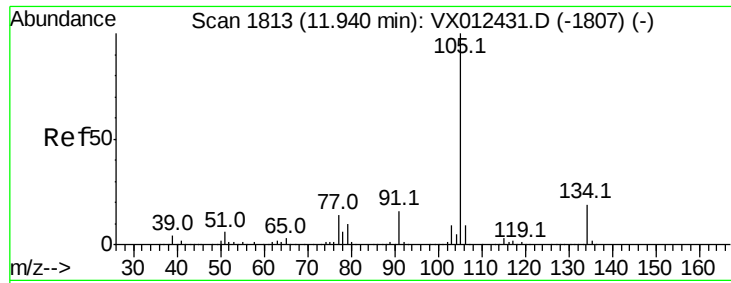
120 45.1 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

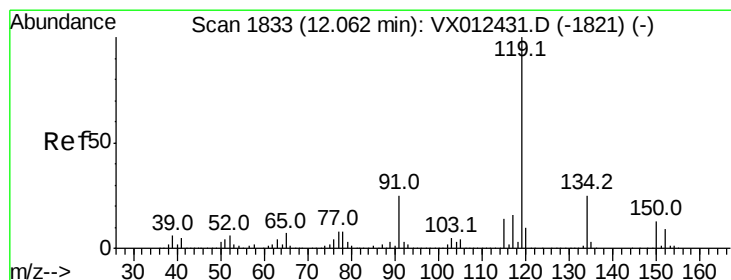
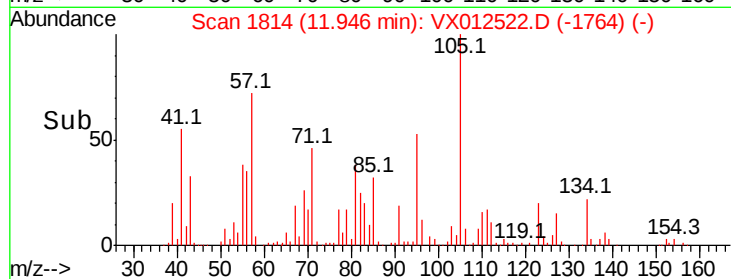
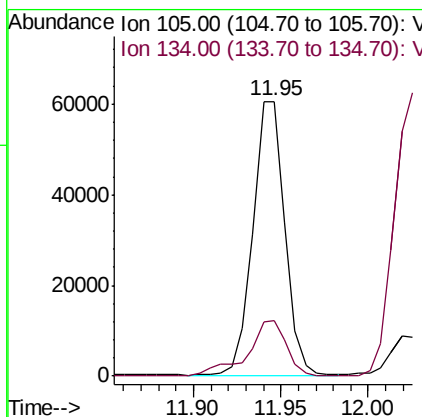
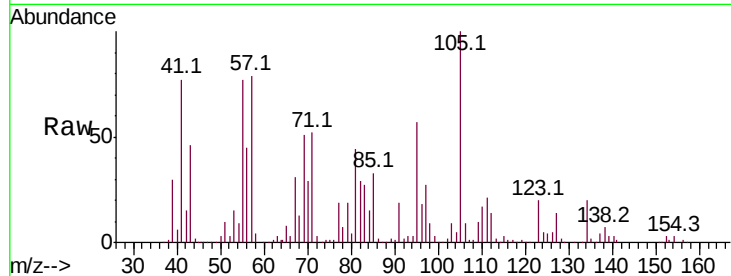




#85
 sec-Butylbenzene
 Concen: 11.668 ug/l
 RT: 11.95 min Scan# 1814
 Delta R.T. 0.01 min
 Lab File: VX012522.D
 Acq: 19 Sep 2019 12:51

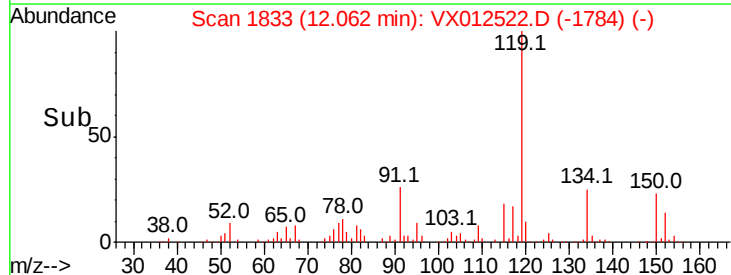
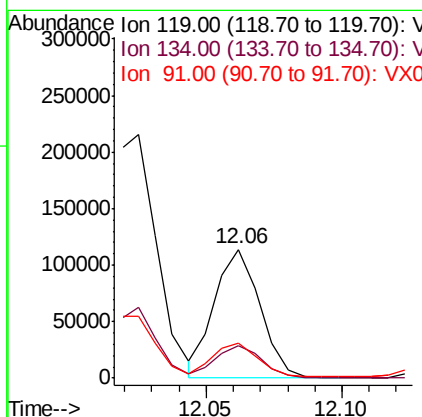
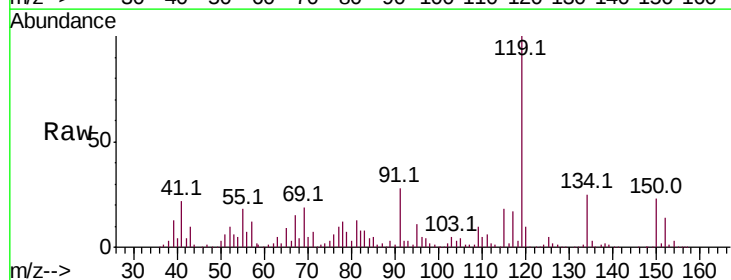
Instrument :
 MSVOA_X
 ClientSampleId :
 DRUM-COMPME

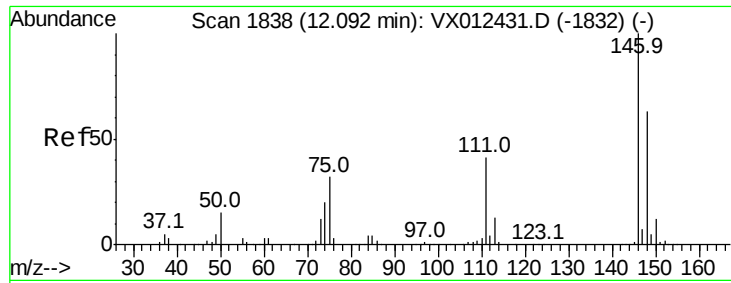
Tot Ion:105 Resp: 77215
 Ion Ratio Lower Upper
 105 100
 134 24.9 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 21.736 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX012522.D
 Acq: 19 Sep 2019 12:51

Tgt Ion:119 Resp: 132079
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.7 38.1
 91 26.2 12.8 38.4





#88

1,4-Dichlorobenzene

Concen: 0.284 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX012522.D

Acq: 19 Sep 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

DRUM-COMPME

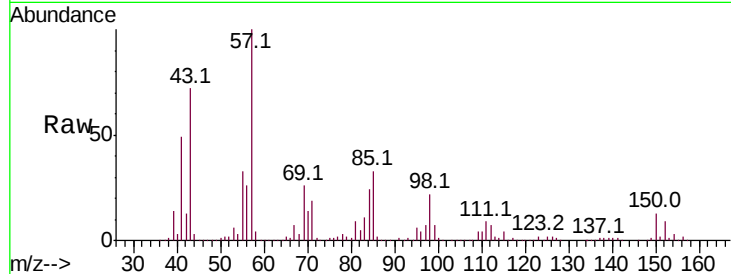
Tot Ion:146 Resp: 881

Ion Ratio Lower Upper

146 100

111 1868.3 21.1 63.3#

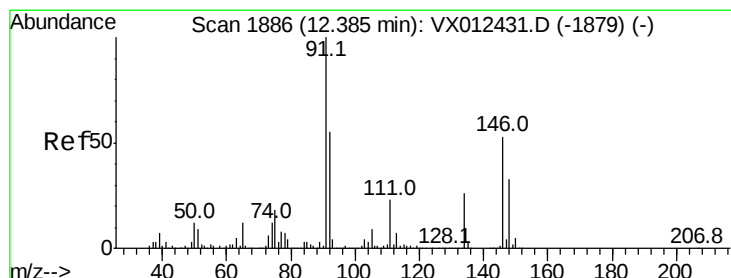
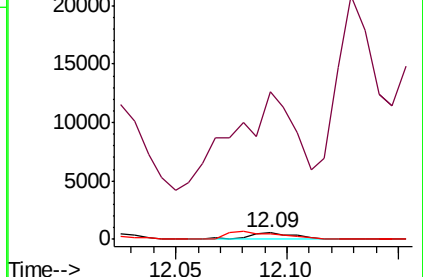
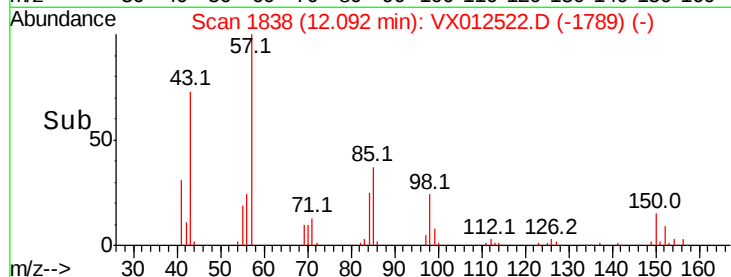
148 128.1 32.1 96.5#



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 57.731 ug/l

RT: 12.37 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VX012522.D

Acq: 19 Sep 2019 12:51

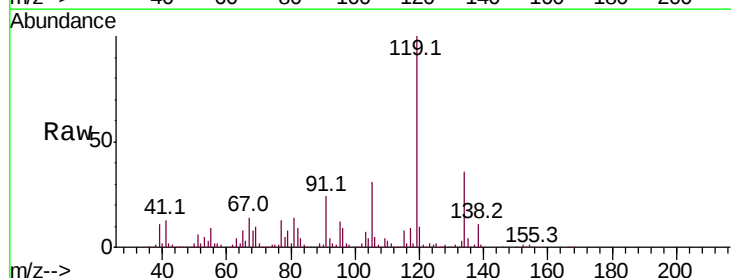
Tgt Ion: 91 Resp: 313006

Ion Ratio Lower Upper

91 100

92 25.1 27.7 83.0#

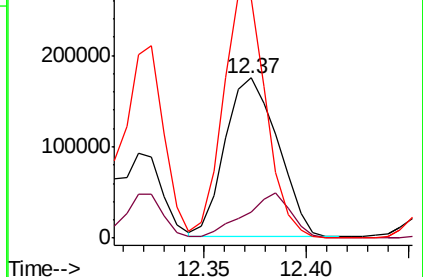
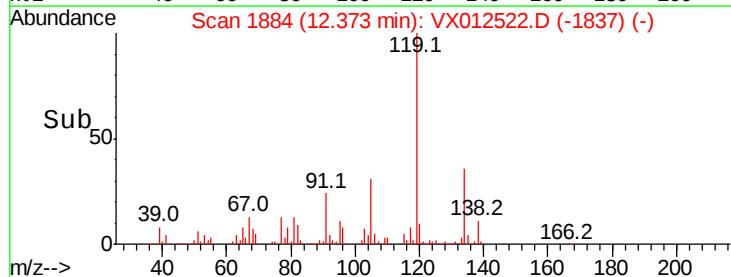
134 124.9 12.9 38.6#

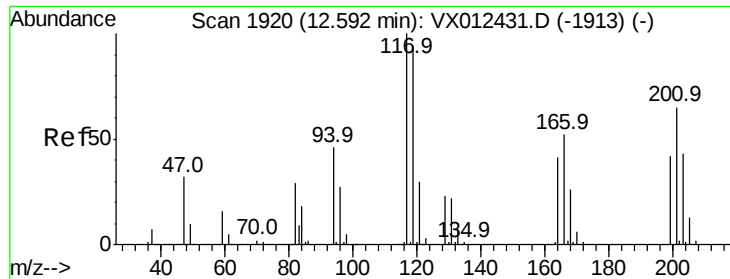


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

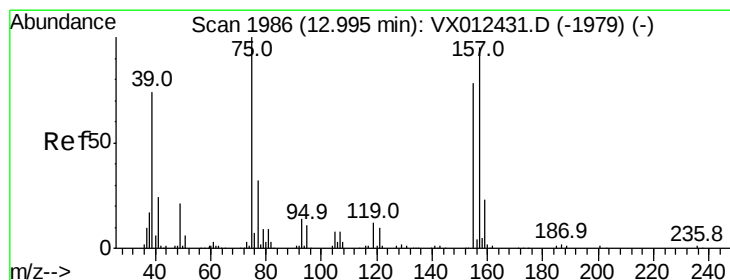
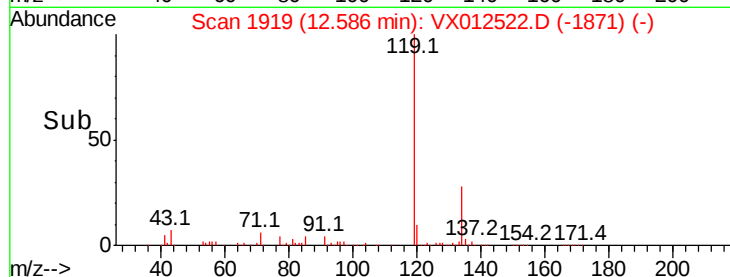
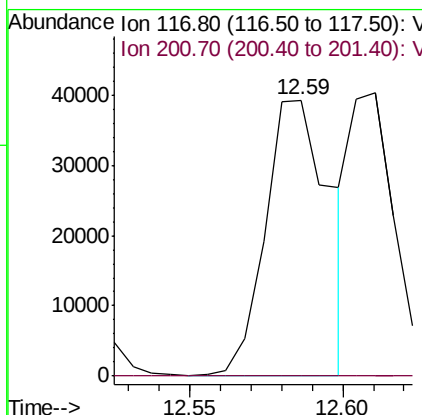
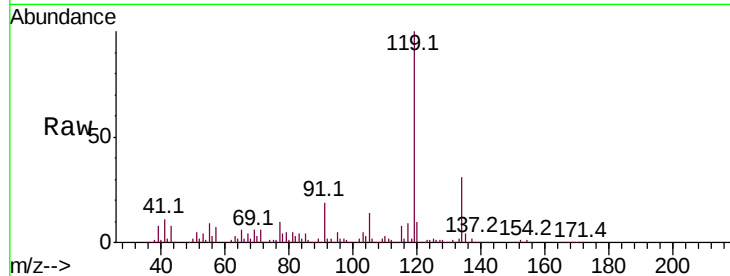




#90
Hexachloroethane
Concen: 51.566 ug/l
RT: 12.59 min Scan# 1919
Delta R.T. -0.01 min
Lab File: VX012522.D
Acq: 19 Sep 2019 12:51

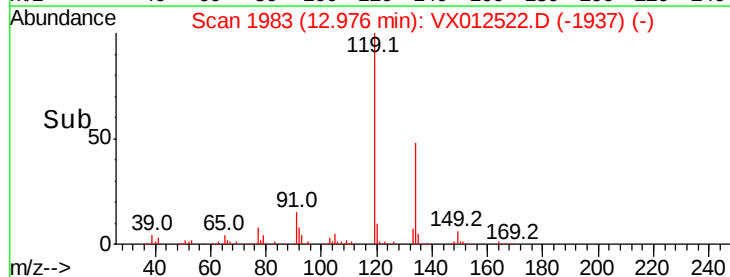
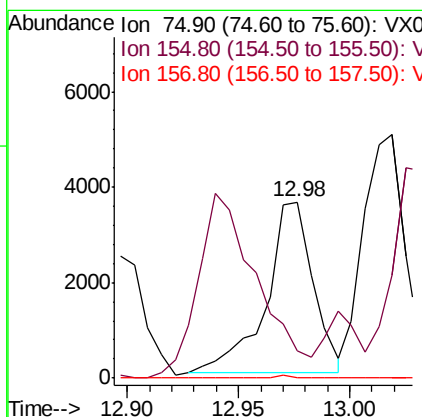
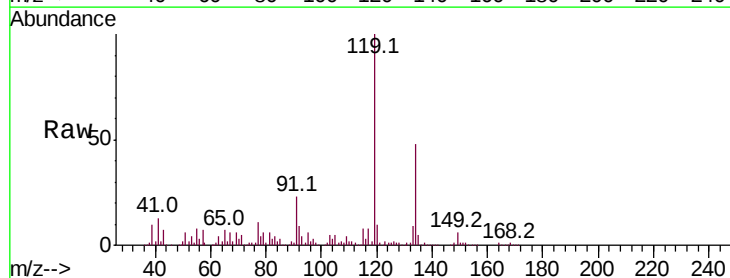
Instrument :
MSVOA_X
ClientSampleId :
DRUM-COMPME

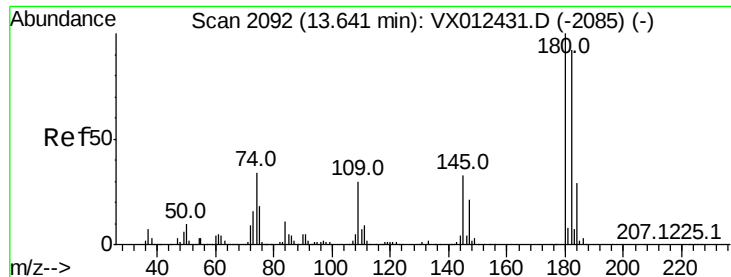
Tot Ion:117 Resp: 57455
Ion Ratio Lower Upper
117 100
201 0.0 33.3 99.8#



#92
1,2-Dibromo-3-Chloropropane
Concen: 7.842 ug/l
RT: 12.98 min Scan# 1983
Delta R.T. -0.02 min
Lab File: VX012522.D
Acq: 19 Sep 2019 12:51

Tgt Ion: 75 Resp: 5241
Ion Ratio Lower Upper
75 100
155 0.0 38.6 115.8#
157 0.5 50.6 151.9#

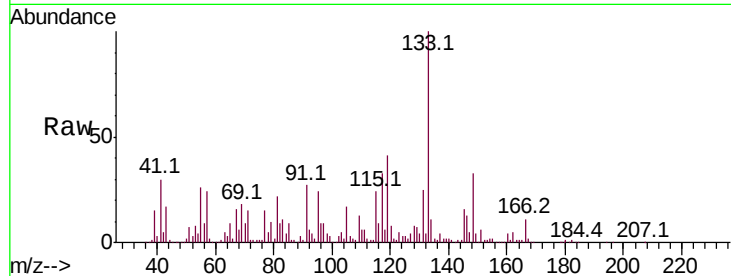




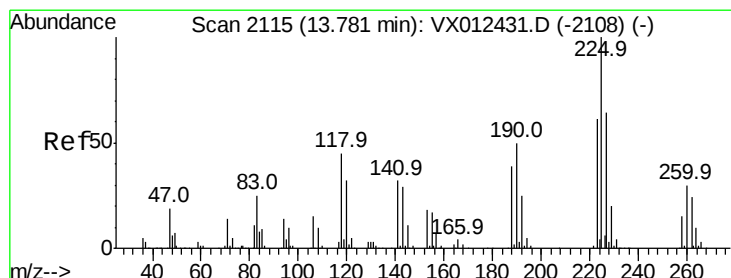
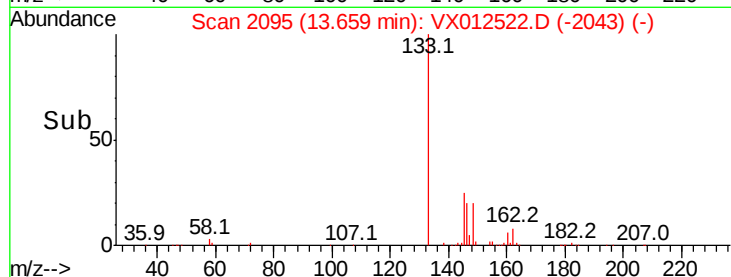
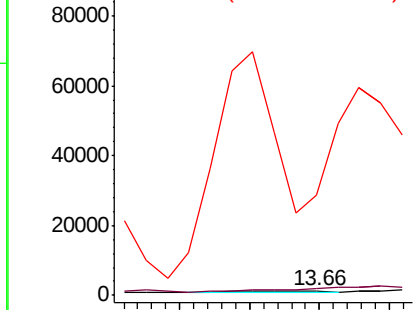
#93
 1,2,4-Trichlorobenzene
 Concen: 0.440 ug/l
 RT: 13.66 min Scan# 2095
 Delta R.T. 0.02 min
 Lab File: VX012522.D
 Acq: 19 Sep 2019 12:51

Instrument :
 MSVOA_X
 ClientSampleId :
 DRUM-COMPME

Tot Ion:180 Resp: 894
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.0 141.0#
 145 9187.2 16.8 50.4#

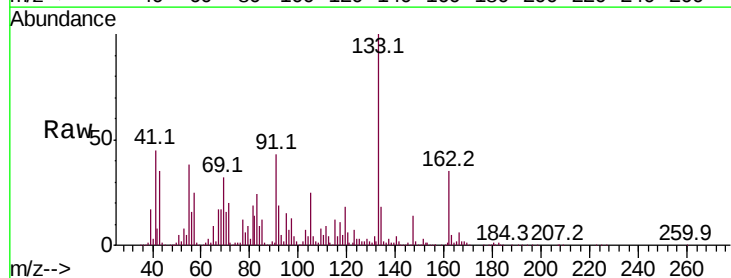


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

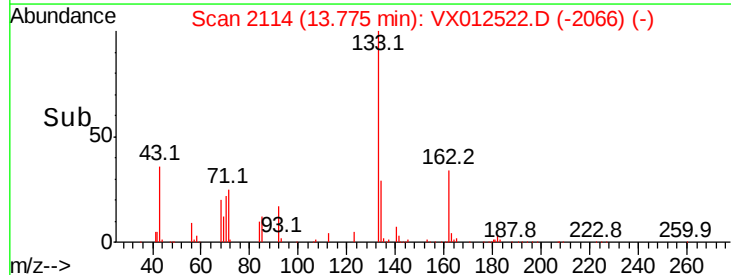
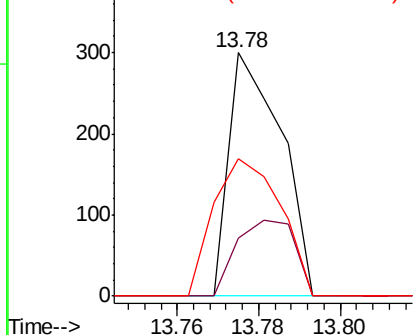


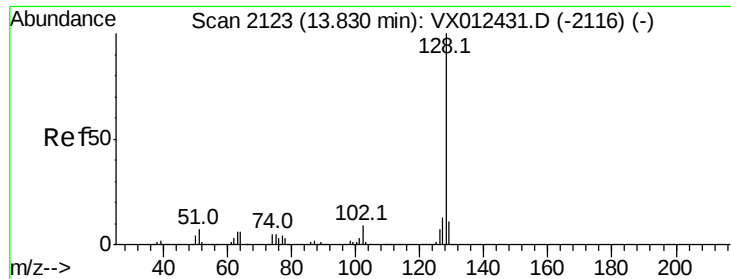
#94
 Hexachlorobutadiene
 Concen: 0.279 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012522.D
 Acq: 19 Sep 2019 12:51

Tgt Ion:225 Resp: 267
 Ion Ratio Lower Upper
 225 100
 223 34.8 32.0 96.2
 227 72.3 31.9 95.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

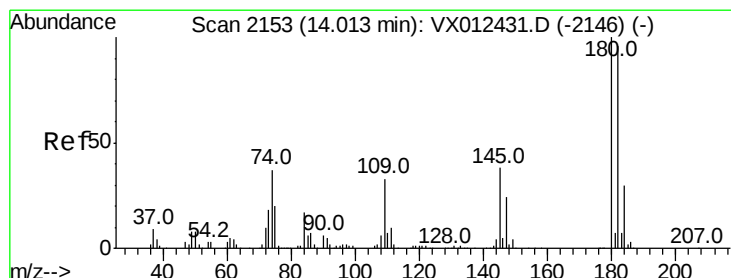
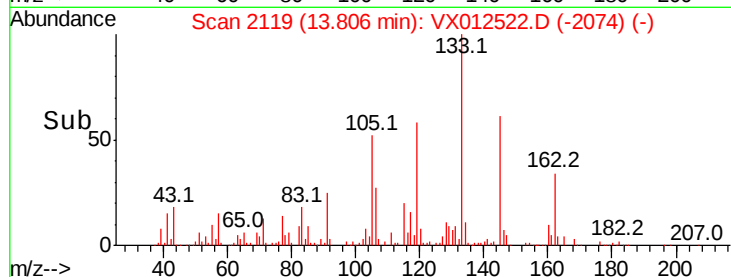
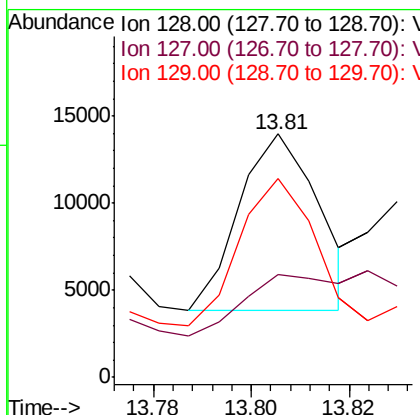
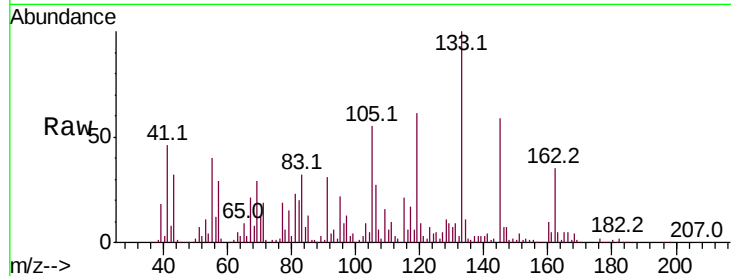




#95
Naphthalene
Concen: 1.591 ug/l
RT: 13.81 min Scan# 2119
Delta R.T. -0.02 min
Lab File: VX012522.D
Acq: 19 Sep 2019 12:51

Instrument :
MSVOA_X
ClientSampleId :
DRUM-COMPME

Tot Ion:128 Resp: 11490
Ion Ratio Lower Upper
128 100
127 69.4 10.2 15.4#
129 78.9 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 6.234 ug/l
RT: 14.03 min Scan# 2156
Delta R.T. 0.02 min
Lab File: VX012522.D
Acq: 19 Sep 2019 12:51

Tgt Ion:180 Resp: 12893
Ion Ratio Lower Upper
180 100
182 12.4 47.1 141.3#
145 1113.2 18.0 54.0#

