

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061419\
 Data File : VX010300.D
 Acq On : 14 Jun 2019 15:06
 Operator : JC/SP
 Sample : VX0614WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614WBSD01

Quant Time: Jun 15 01:21:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	302596	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	460800	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	415900	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	213068	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	130192	44.08	ug/l	0.00
Spiked Amount			Recovery	=	88.16%	
35) Dibromofluoromethane	5.50	113	130203	45.81	ug/l	0.00
Spiked Amount			Recovery	=	91.62%	
50) Toluene-d8	8.71	98	491740	46.16	ug/l	0.00
Spiked Amount			Recovery	=	92.32%	
62) 4-Bromofluorobenzene	11.13	95	179545	45.13	ug/l	0.00
Spiked Amount			Recovery	=	90.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	54927	19.727	ug/l	99
3) Chloromethane	1.33	50	53265	19.263	ug/l	99
4) Vinyl Chloride	1.41	62	55637	21.408	ug/l	100
5) Bromomethane	1.64	94	28069	28.622	ug/l	99
6) Chloroethane	1.72	64	32819	25.047	ug/l	98
7) Trichlorofluoromethane	1.93	101	88815	23.007	ug/l	98
8) Diethyl Ether	2.19	74	31212	23.458	ug/l	77
9) 1,1,2-Trichlorotrifluoroet	2.39	101	51327	19.288	ug/l	91
10) Methyl Iodide	2.51	142	71934	17.447	ug/l	97
11) Tert butyl alcohol	3.04	59	87139	120.429	ug/l	96
12) 1,1-Dichloroethene	2.37	96	51244	18.854	ug/l #	78
13) Acrolein	2.29	56	8402	63.682	ug/l	99
14) Allyl chloride	2.73	41	75445	18.389	ug/l #	88
15) Acrylonitrile	3.14	53	153596	103.854	ug/l	99
16) Acetone	2.44	43	133939	96.412	ug/l	89
17) Carbon Disulfide	2.57	76	126281	16.080	ug/l	98
18) Methyl Acetate	2.78	43	64520	21.118	ug/l #	82
19) Methyl tert-butyl Ether	3.20	73	169357	19.395	ug/l	92
20) Methylene Chloride	2.85	84	58869	19.295	ug/l #	79
21) trans-1,2-Dichloroethene	3.17	96	53975	17.945	ug/l #	77
22) Diisopropyl ether	3.85	45	156218	19.915	ug/l #	94
23) Vinyl Acetate	3.82	43	689636	98.551	ug/l #	88
24) 1,1-Dichloroethane	3.70	63	90310	18.962	ug/l	96
25) 2-Butanone	4.67	43	210575	101.791	ug/l #	81
26) 2,2-Dichloropropane	4.59	77	74841	17.225	ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	66202	19.784	ug/l	76
28) Bromochloromethane	5.01	49	39131	18.333	ug/l #	47
29) Tetrahydrofuran	5.13	42	132967	102.276	ug/l #	76
30) Chloroform	5.21	83	97856	19.784	ug/l	98
31) Cyclohexane	5.57	56	81058	18.858	ug/l #	79
32) 1,1,1-Trichloroethane	5.49	97	86210	18.540	ug/l	94
36) 1,1-Dichloropropene	5.80	75	69041	18.365	ug/l	92
37) Ethyl Acetate	4.83	43	76802	19.635	ug/l #	92
38) Carbon Tetrachloride	5.79	117	76751	18.037	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061419\
 Data File : VX010300.D
 Acq On : 14 Jun 2019 15:06
 Operator : JC/SP
 Sample : VX0614WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614WBSD01

Quant Time: Jun 15 01:21:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

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

39) Methylcyclohexane	7.46	83	91865	17.945	ug/l #	82
40) Benzene	6.14	78	225376	19.387	ug/l	98
41) Methacrylonitrile	5.04	41	41204	19.473	ug/l #	83
42) 1,2-Dichloroethane	6.20	62	69964	18.852	ug/l	92
43) Isopropyl Acetate	6.45	43	125997	19.265	ug/l #	88
44) Trichloroethene	7.21	130	66944	19.105	ug/l	85
45) 1,2-Dichloropropane	7.51	63	56726	19.496	ug/l	100
46) Dibromomethane	7.66	93	40634	18.641	ug/l	91
47) Bromodichloromethane	7.90	83	74613	18.318	ug/l	97
48) Methyl methacrylate	7.77	41	58985	19.285	ug/l #	77
49) 1,4-Dioxane	7.74	88	34908	400.298	ug/l #	79
51) 4-Methyl-2-Pentanone	8.64	43	409568	104.828	ug/l	89
52) Toluene	8.78	92	146159	19.127	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	82534	17.518	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	90831	17.983	ug/l #	89
55) 1,1,2-Trichloroethane	9.21	97	63596	20.321	ug/l	95
56) Ethyl methacrylate	9.18	69	93893	18.993	ug/l #	82
57) 1,3-Dichloropropane	9.37	76	96099	19.505	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	184128	79.007	ug/l #	87
59) 2-Hexanone	9.49	43	322959	103.674	ug/l	88
60) Dibromochloromethane	9.58	129	67640	18.273	ug/l	99
61) 1,2-Dibromoethane	9.67	107	66573	19.100	ug/l	100
64) Tetrachloroethene	9.34	164	64576	20.905	ug/l	99
65) Chlorobenzene	10.14	112	166218	19.364	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	62099	18.812	ug/l	99
67) Ethyl Benzene	10.25	91	282041	19.301	ug/l	94
68) m/p-Xylenes	10.36	106	219875	38.884	ug/l	89
69) o-Xylene	10.69	106	108615	19.323	ug/l	89
70) Styrene	10.71	104	183448	19.270	ug/l	95
71) Bromoform	10.85	173	54074	17.819	ug/l #	98
73) Isopropylbenzene	11.02	105	285145	19.171	ug/l	95
74) N-amyl acetate	10.90	43	112454	19.126	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.27	83	98785	19.402	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	107665	25.263	ug/l	83
77) Bromobenzene	11.26	156	78203	19.120	ug/l	80
78) n-propylbenzene	11.36	91	313670	18.943	ug/l	95
79) 2-Chlorotoluene	11.42	91	185193	18.622	ug/l	90
80) 1,3,5-Trimethylbenzene	11.51	105	237765	18.979	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	31742	16.456	ug/l	88
82) 4-Chlorotoluene	11.51	91	210127	18.600	ug/l	91
83) tert-Butylbenzene	11.77	119	239088	18.856	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	240016	18.968	ug/l	97
85) sec-Butylbenzene	11.94	105	278298	18.839	ug/l	95
86) p-Isopropyltoluene	12.06	119	255384	18.911	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	136658	18.969	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	137299	18.905	ug/l	98
89) n-Butylbenzene	12.38	91	215613	18.548	ug/l	97
90) Hexachloroethane	12.59	117	44474	16.532	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	139277	19.885	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20812	17.371	ug/l	64

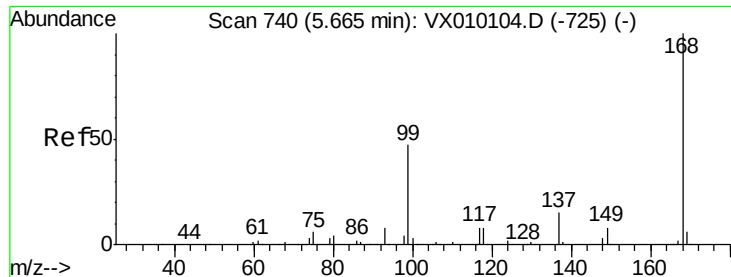
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061419\
Data File : VX010300.D
Acq On : 14 Jun 2019 15:06
Operator : JC/SP
Sample : VX0614WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0614WBSD01

Quant Time: Jun 15 01:21:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	96809	18.883	ug/l	99
94) Hexachlorobutadiene	13.78	225	45617	20.007	ug/l	98
95) Naphthalene	13.83	128	308142	19.093	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	98702	19.471	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

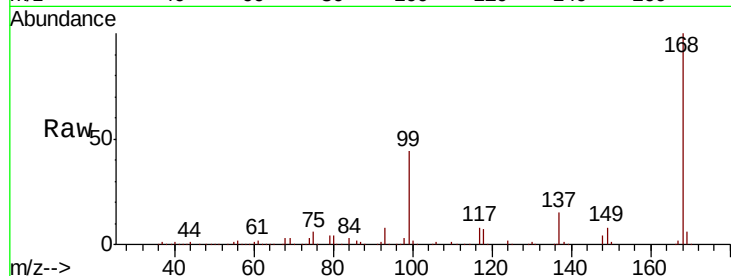
VX0614WBSD01

Tot Ion:168 Resp: 302596

Ion Ratio Lower Upper

168 100

99 44.0 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

60000

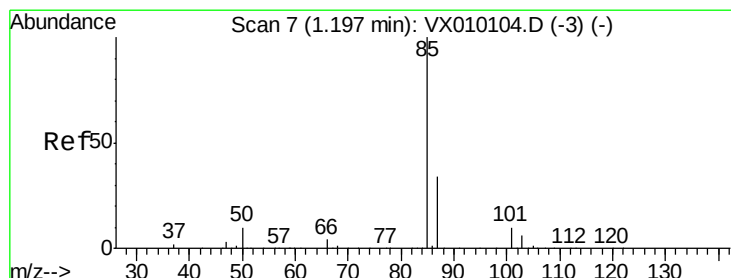
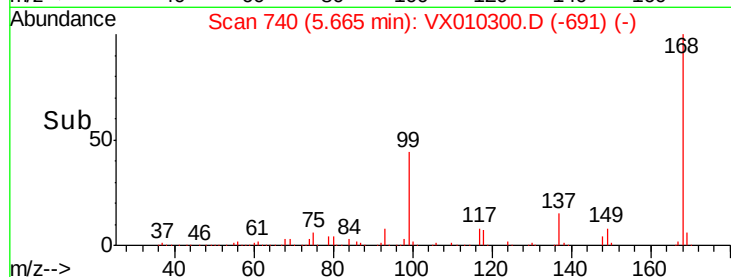
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 19.727 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010300.D

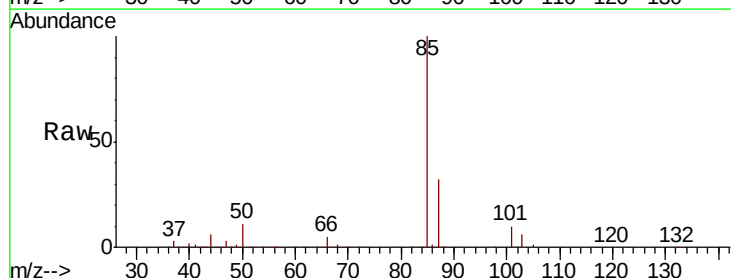
Acq: 14 Jun 2019 15:06

Tgt Ion: 85 Resp: 54927

Ion Ratio Lower Upper

85 100

87 31.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

50000

40000

30000

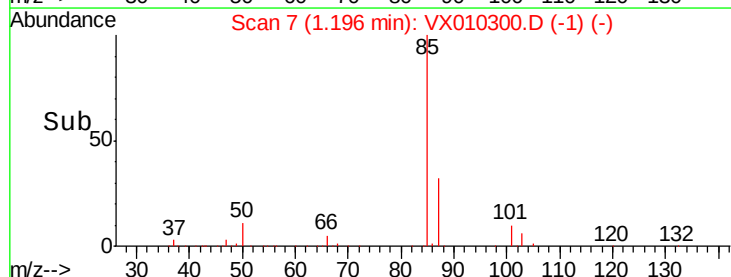
20000

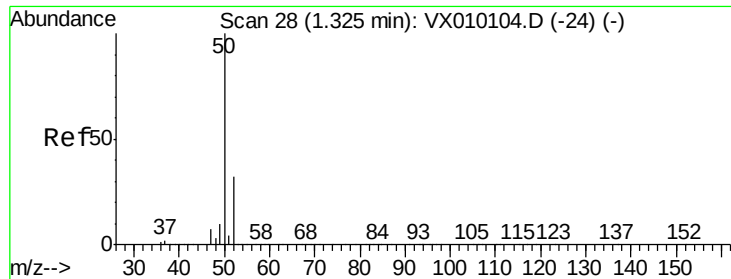
10000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 19.263 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

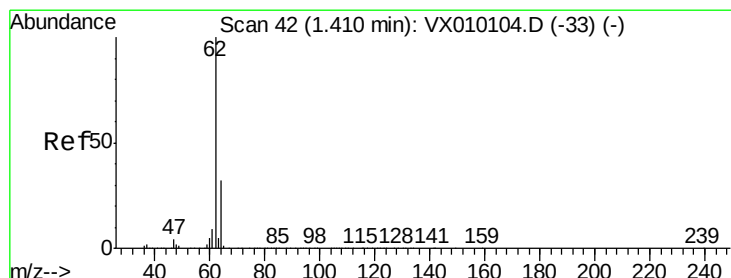
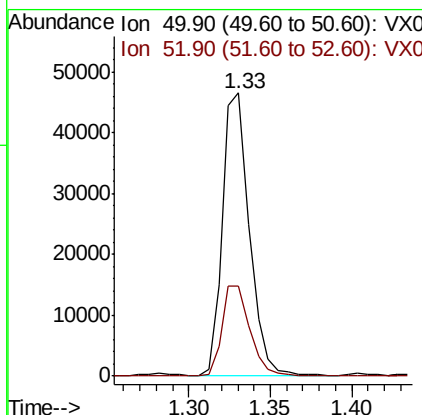
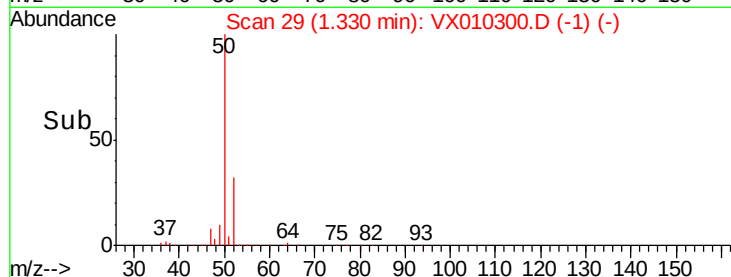
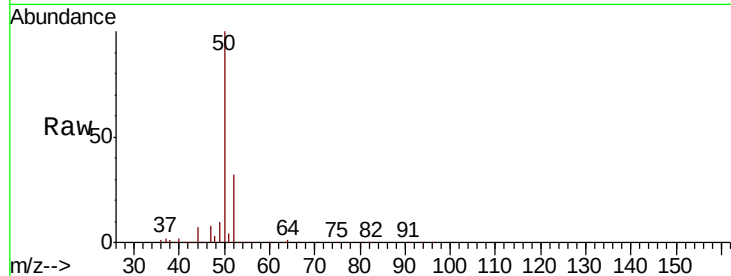
VX0614WBSD01

Tot Ion: 50 Resp: 53265

Ion Ratio Lower Upper

50 100

52 31.8 26.0 39.0



#4

Vinyl Chloride

Concen: 21.408 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010300.D

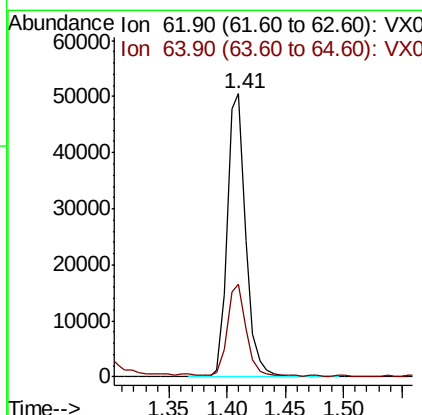
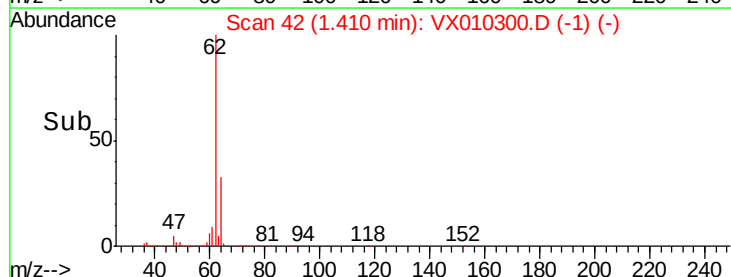
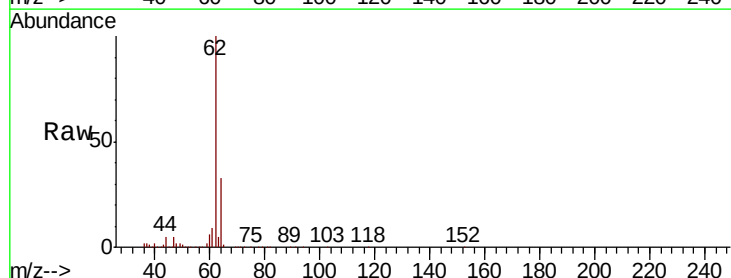
Acq: 14 Jun 2019 15:06

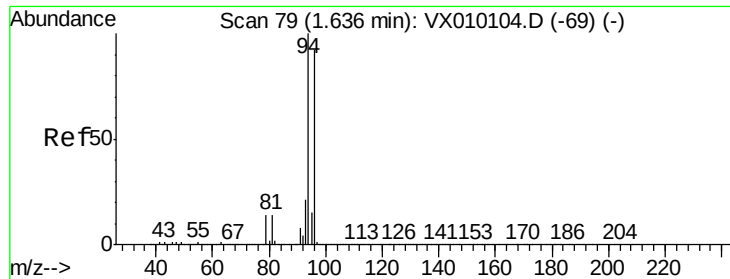
Tgt Ion: 62 Resp: 55637

Ion Ratio Lower Upper

62 100

64 32.3 25.7 38.5





#5

Bromomethane

Concen: 28.622 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

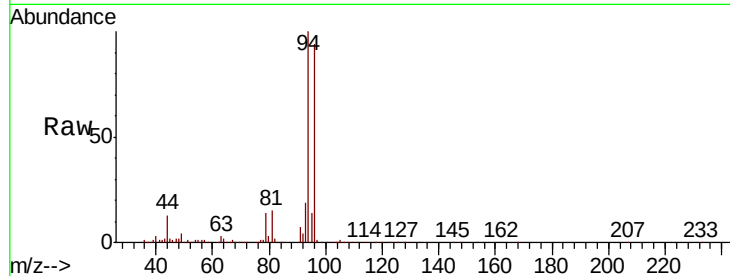
VX0614WBSD01

Tot Ion: 94 Resp: 28069

Ion Ratio Lower Upper

94 100

96 94.5 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

25000

20000

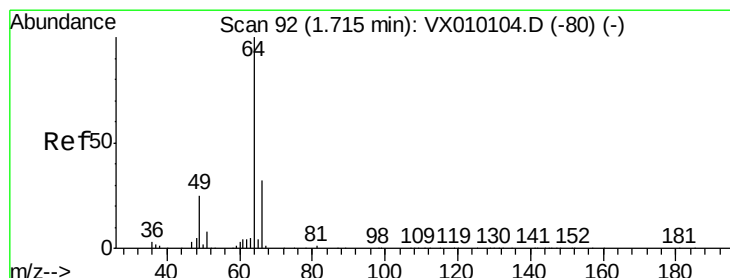
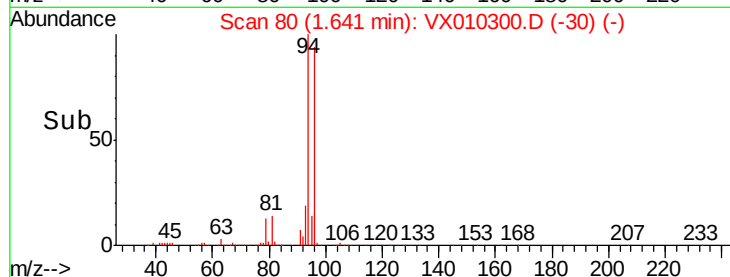
15000

10000

5000

0

Time--> 1.50 1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 25.047 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010300.D

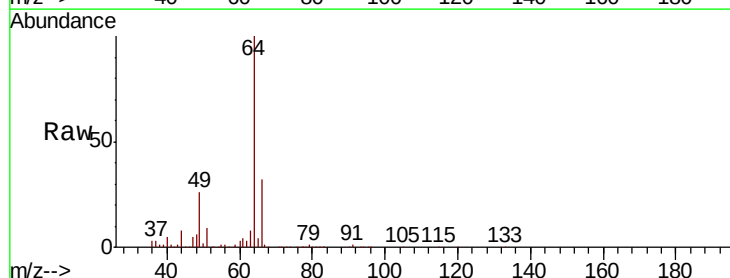
Acq: 14 Jun 2019 15:06

Tgt Ion: 64 Resp: 32819

Ion Ratio Lower Upper

64 100

66 32.4 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

25000

20000

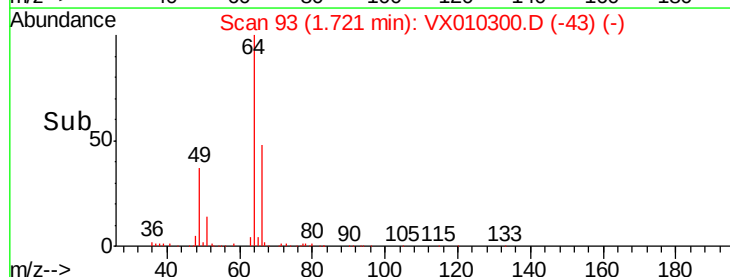
15000

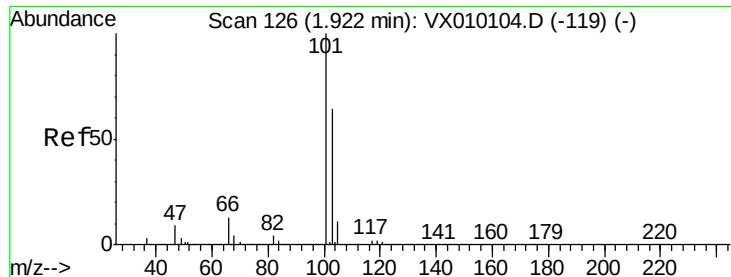
10000

5000

0

Time--> 1.65 1.70 1.75 1.80



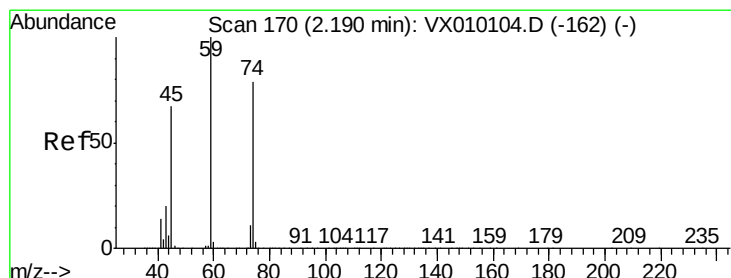
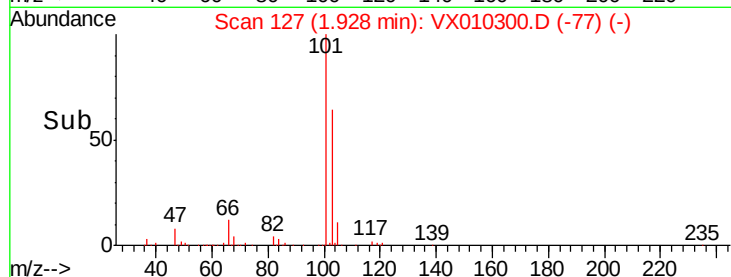
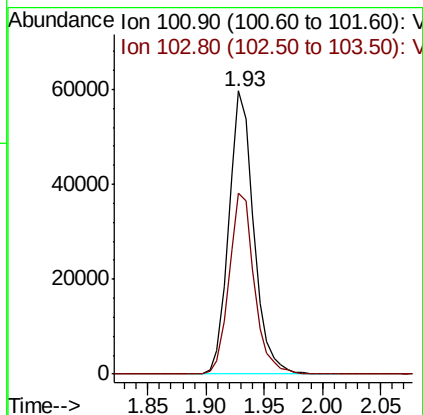
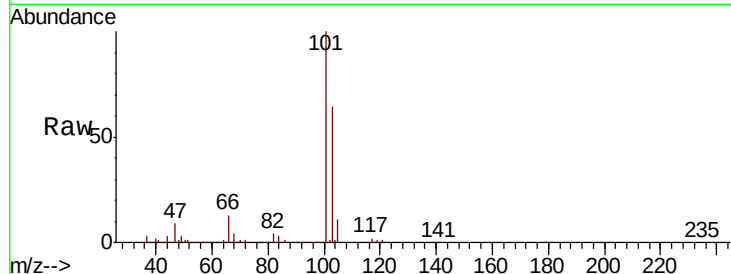


#7

Trichlorofluoromethane
 Concen: 23.007 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX010300.D
 Acq: 14 Jun 2019 15:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614WBSD01

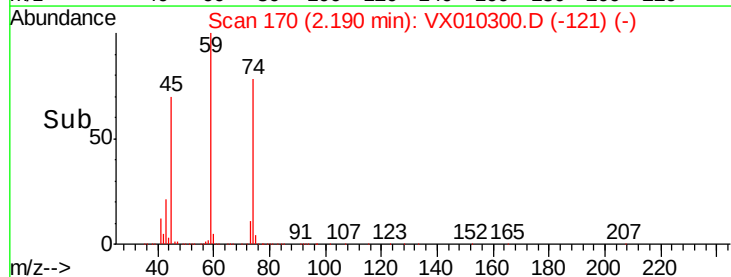
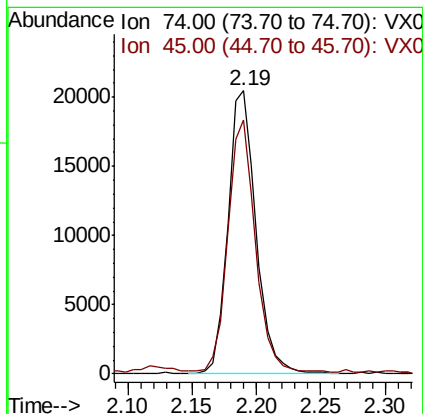
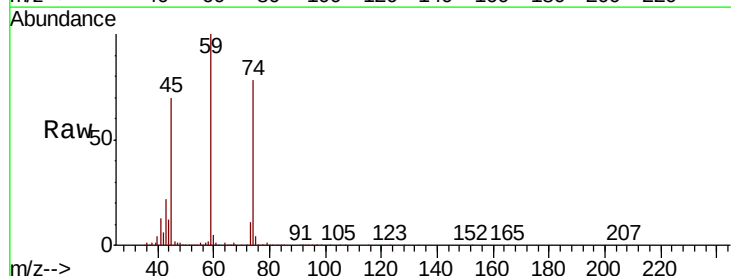
Tot Ion:101 Resp: 88815
 Ion Ratio Lower Upper
 101 100
 103 63.8 52.2 78.4

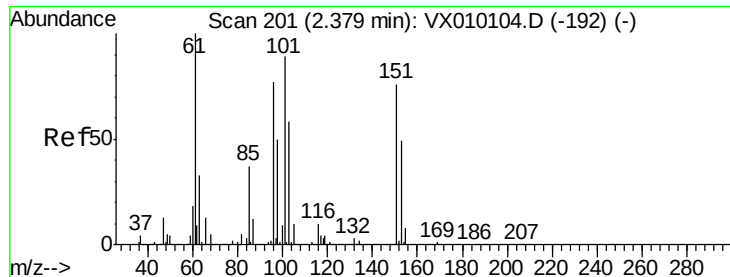


#8

Diethyl Ether
 Concen: 23.458 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX010300.D
 Acq: 14 Jun 2019 15:06

Tgt Ion: 74 Resp: 31212
 Ion Ratio Lower Upper
 74 100
 45 87.7 56.1 168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.288 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Instrument :

MSVOA_X

ClientSampled :

VX0614WBSD01

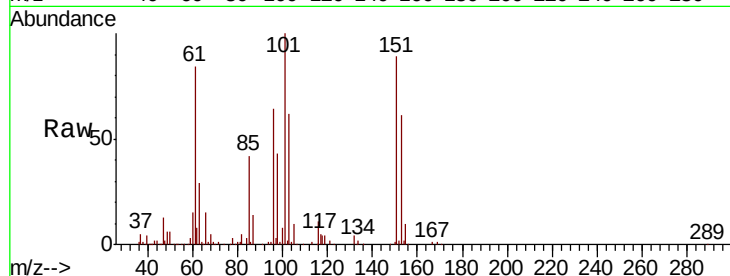
Tot Ion:101 Resp: 51327

Ion Ratio Lower Upper

101 100

85 42.0 35.2 52.8

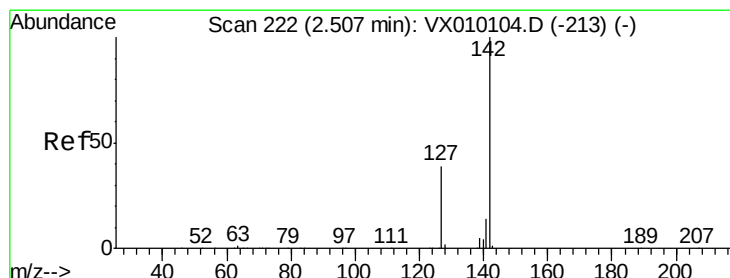
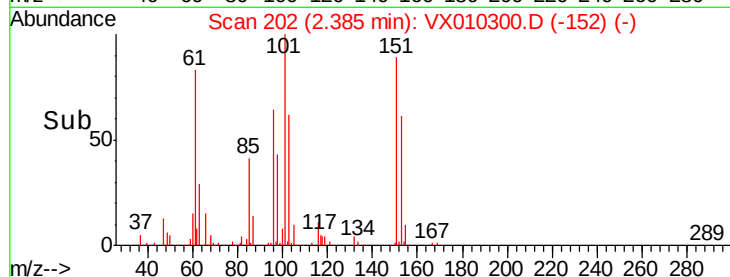
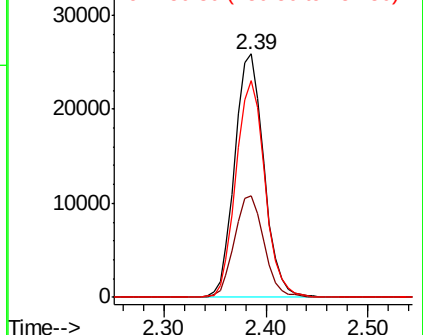
151 88.3 61.9 92.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.447 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

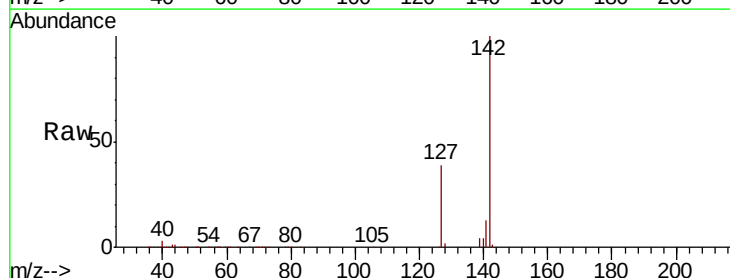
Tgt Ion:142 Resp: 71934

Ion Ratio Lower Upper

142 100

127 38.9 33.0 49.4

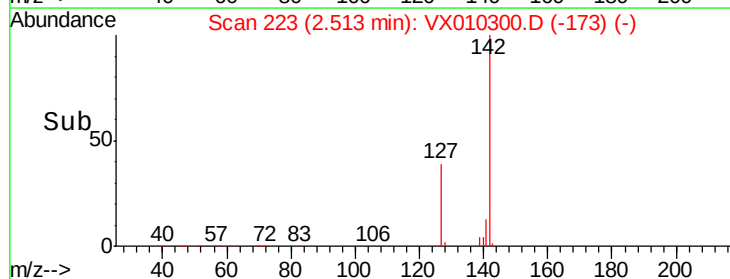
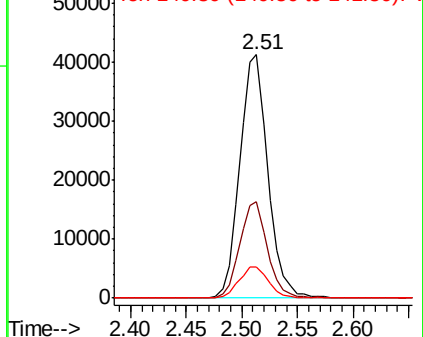
141 13.6 11.4 17.0

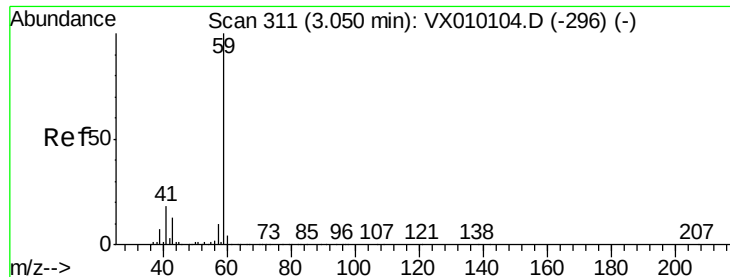


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



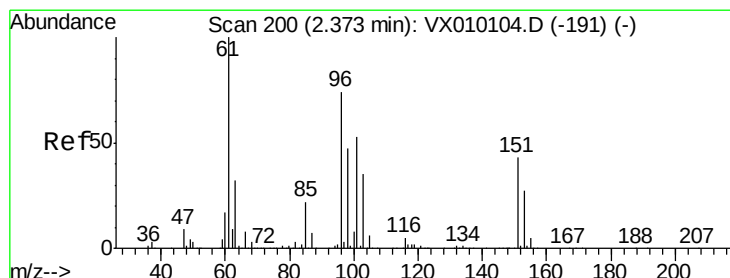
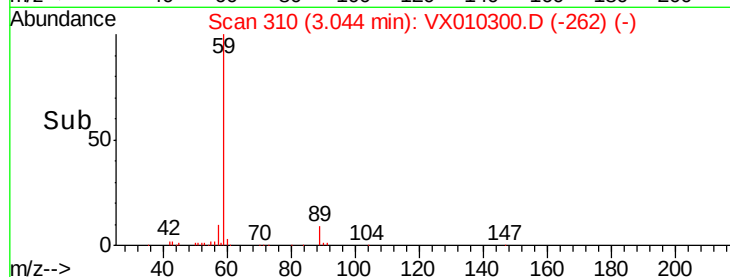
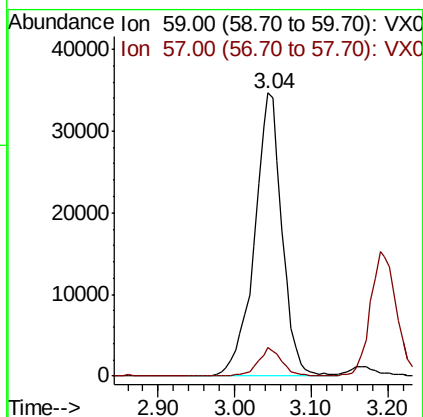
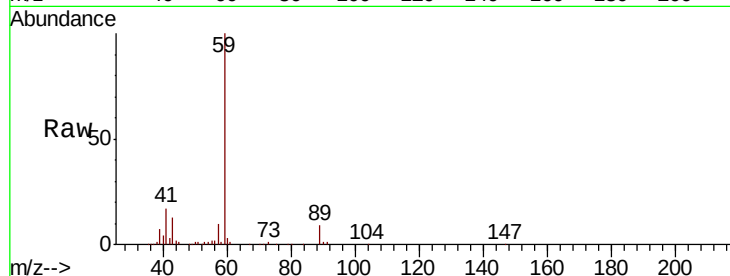


#11

Tert butyl alcohol
 Concen: 120.429 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX010300.D
 Acq: 14 Jun 2019 15:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614WBSD01

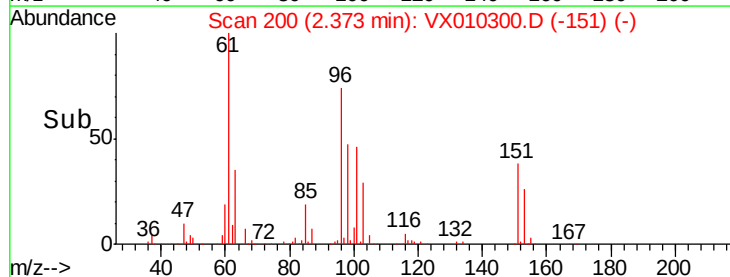
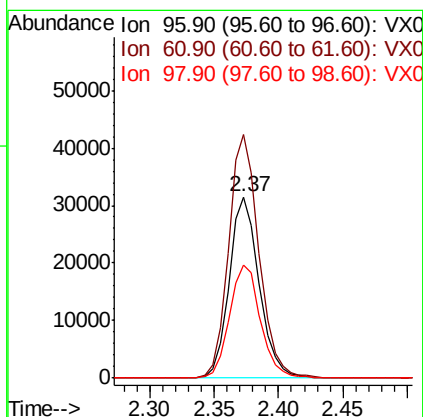
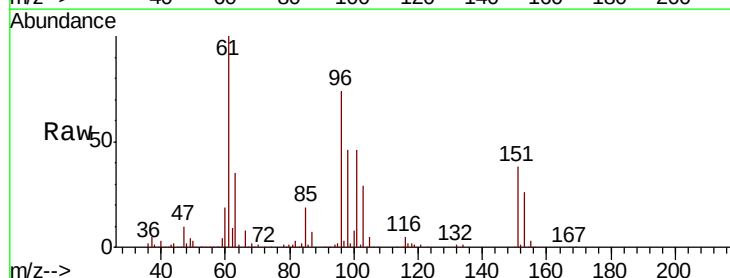
Tot Ion: 59 Resp: 87139
 Ion Ratio Lower Upper
 59 100
 57 8.9 8.2 12.2

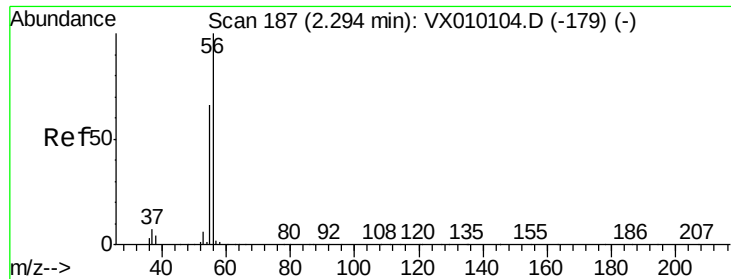


#12

1,1-Dichloroethene
 Concen: 18.854 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX010300.D
 Acq: 14 Jun 2019 15:06

Tgt Ion: 96 Resp: 51244
 Ion Ratio Lower Upper
 96 100
 61 134.5 140.7 211.1#
 98 62.5 50.1 75.1





#13

Acrolein

Concen: 63.682 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

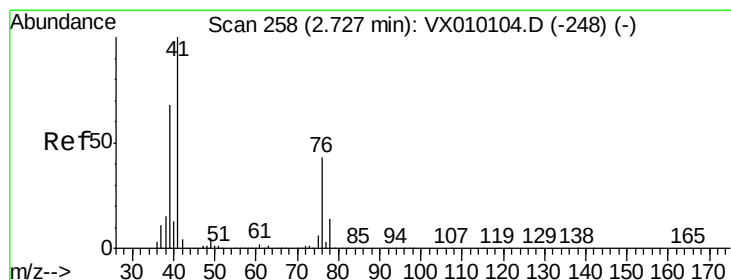
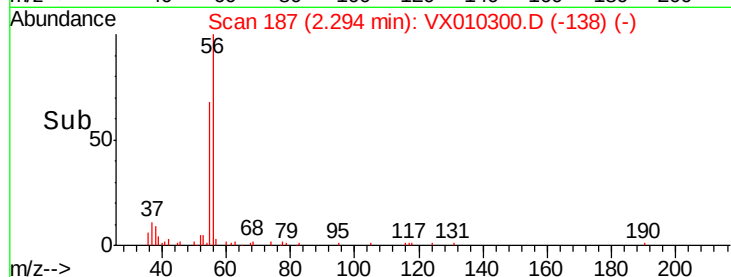
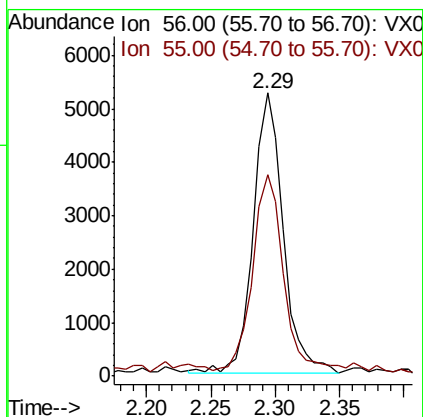
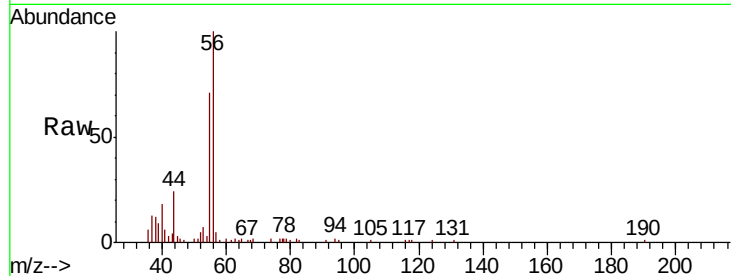
VX0614WBSD01

Tot Ion: 56 Resp: 8402

Ion Ratio Lower Upper

56 100

55 70.5 57.0 85.4



#14

Allyl chloride

Concen: 18.389 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

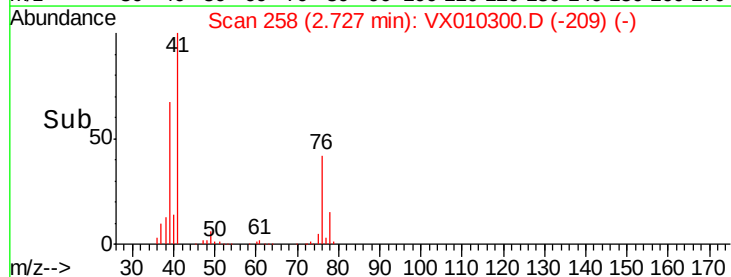
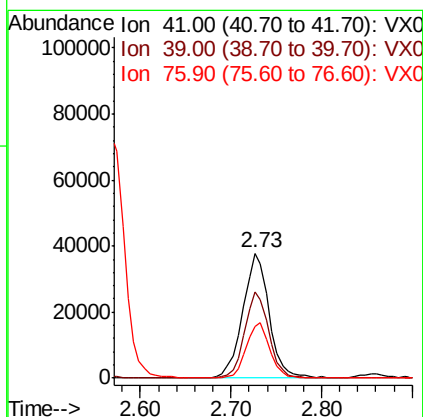
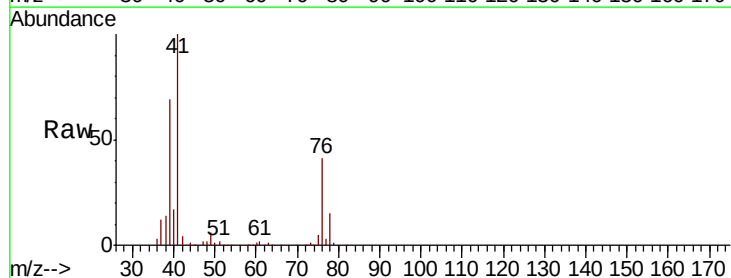
Tgt Ion: 41 Resp: 75445

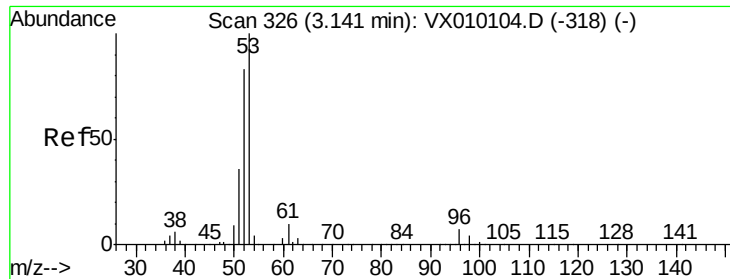
Ion Ratio Lower Upper

41 100

39 63.1 46.7 70.1

76 39.2 21.0 31.4#





#15

Acrylonitrile

Concen: 103.854 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Instrument :

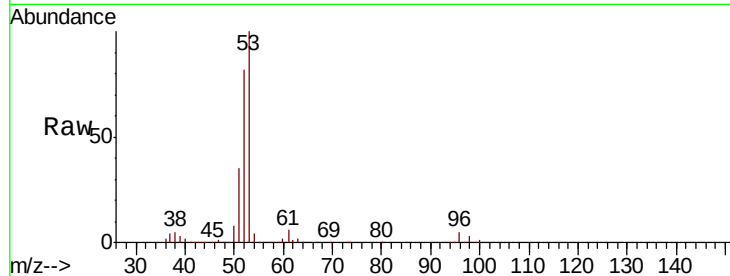
MSVOA_X

ClientSampleId :

VX0614WBSD01

Tot Ion: 53 Resp: 153596

Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.7	100.1
51	34.7	28.8	43.2

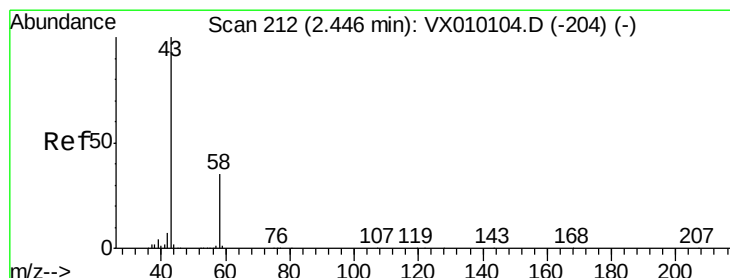
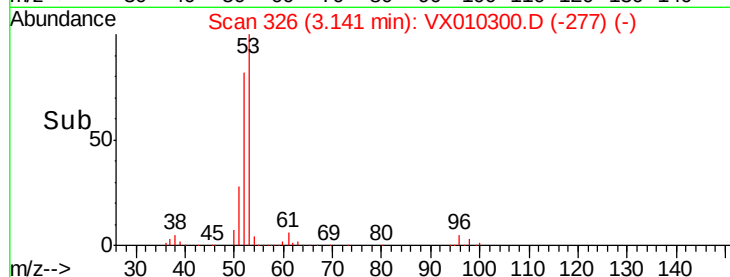
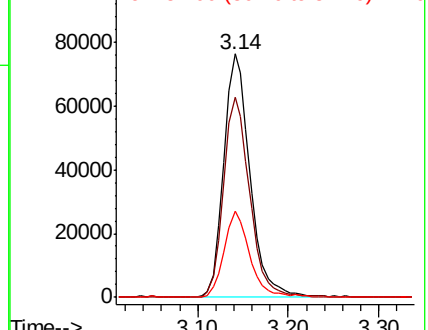


Abundance

Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 96.412 ug/l

RT: 2.44 min Scan# 211

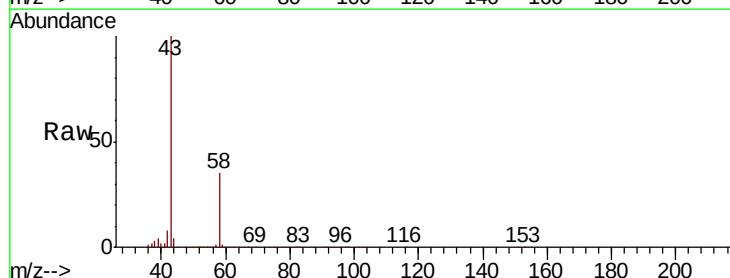
Delta R.T. -0.01 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Tgt Ion: 43 Resp: 133939

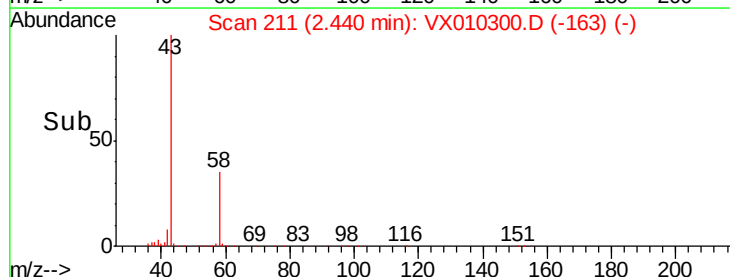
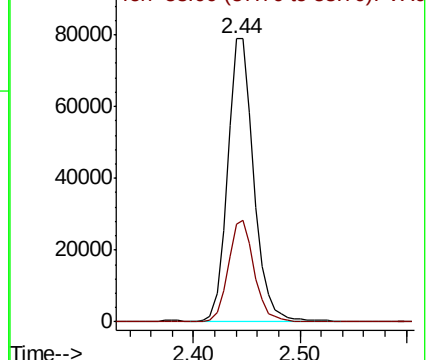
Ion	Ratio	Lower	Upper
43	100		
58	34.7	23.2	34.8

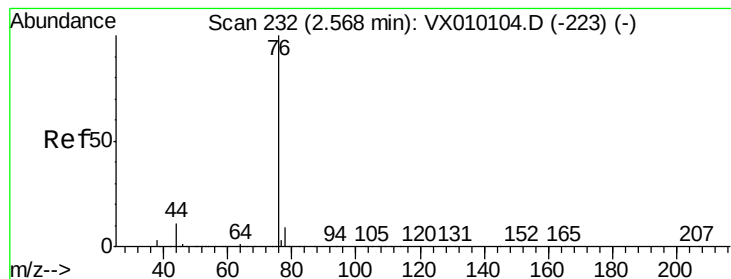


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 16.080 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

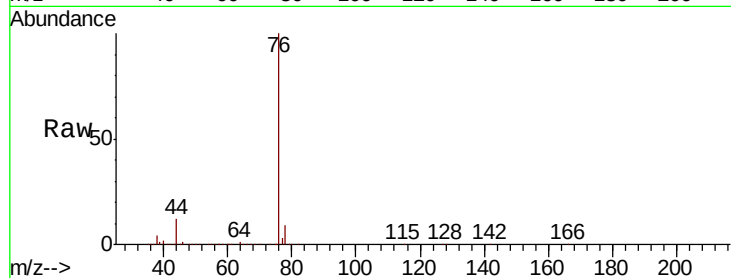
VX0614WBSD01

Tot Ion: 76 Resp: 126281

Ion Ratio Lower Upper

76 100

78 9.4 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

80000

60000

40000

20000

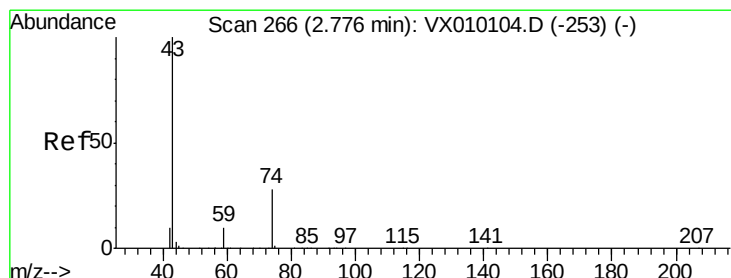
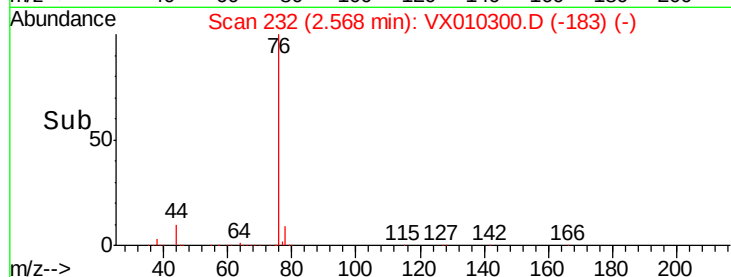
0

Time-->

2.50

2.60

2.70



#18

Methyl Acetate

Concen: 21.118 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX010300.D

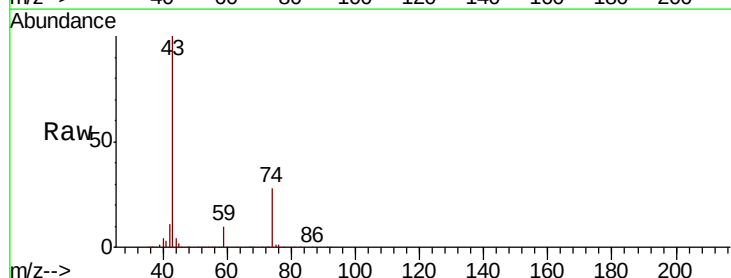
Acq: 14 Jun 2019 15:06

Tgt Ion: 43 Resp: 64520

Ion Ratio Lower Upper

43 100

74 28.0 15.8 23.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

40000

30000

20000

10000

0

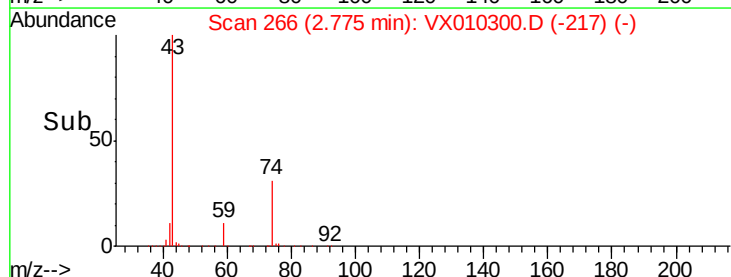
Time-->

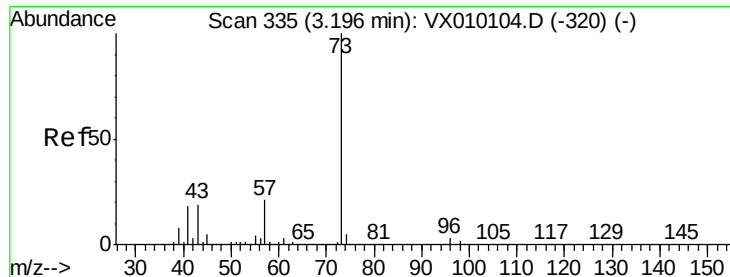
2.70

2.75

2.80

2.85

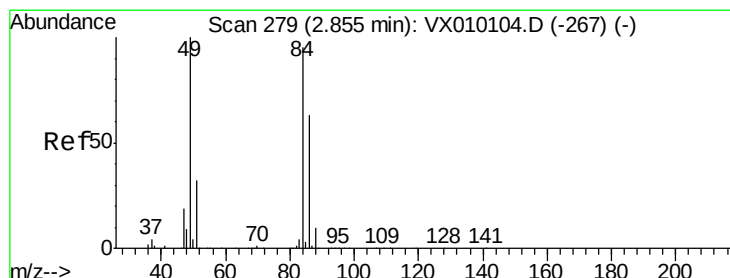
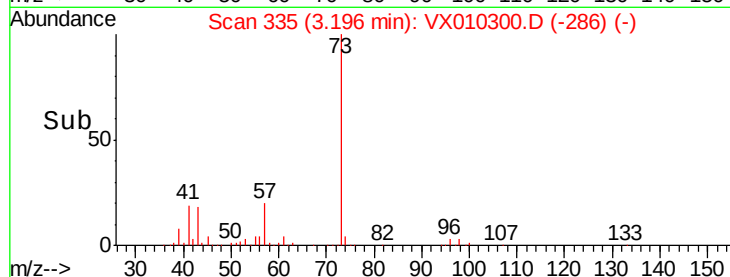
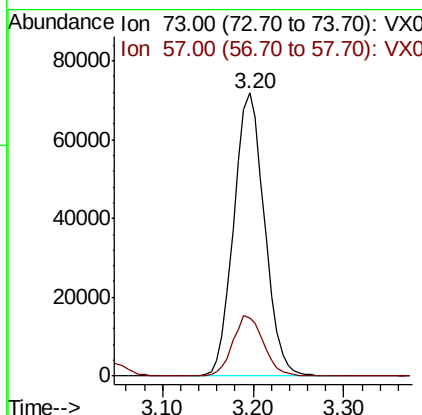
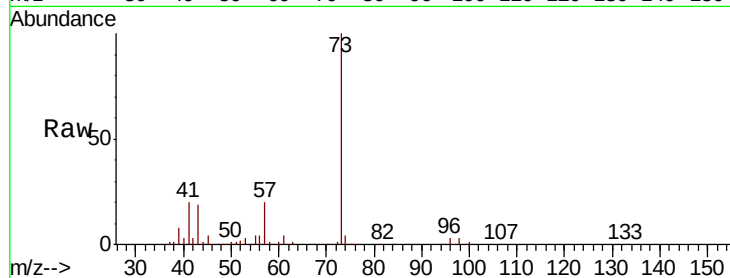




#19
Methvl tert-butyl Ether
Concen: 19.395 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX010300.D
Acq: 14 Jun 2019 15:06

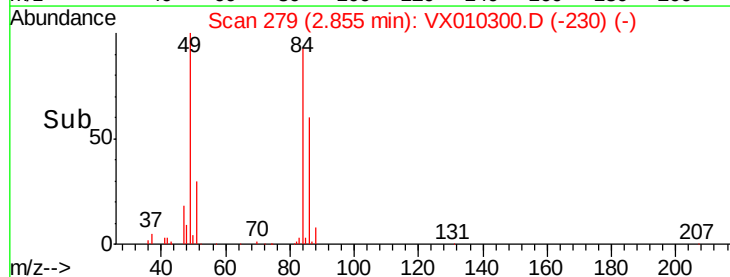
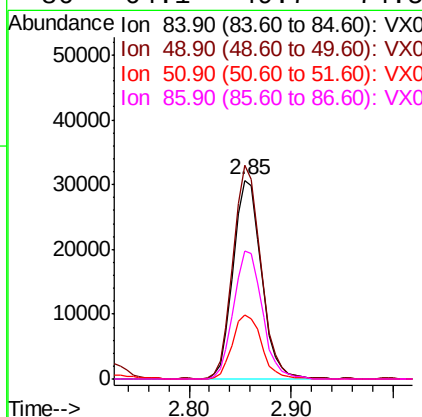
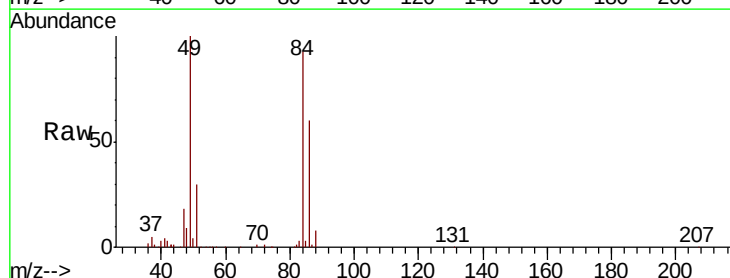
Instrument :
MSVOA_X
ClientSampleId :
VX0614WBSD01

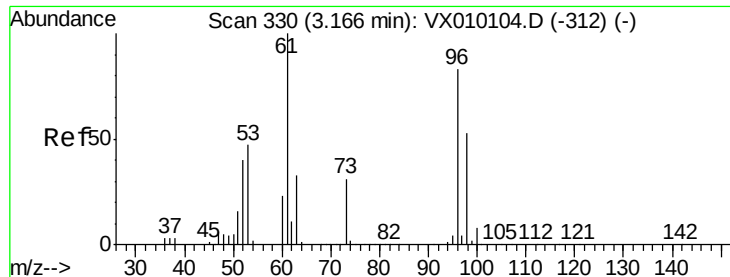
Tot Ion: 73 Resp: 169357
Ion Ratio Lower Upper
73 100
57 20.3 19.4 29.2



#20
Methylene Chloride
Concen: 19.295 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010300.D
Acq: 14 Jun 2019 15:06

Tgt Ion: 84 Resp: 58869
Ion Ratio Lower Upper
84 100
49 107.0 115.8 173.6#
51 31.9 34.4 51.6#
86 64.1 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 17.945 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

VX0614WBSD01

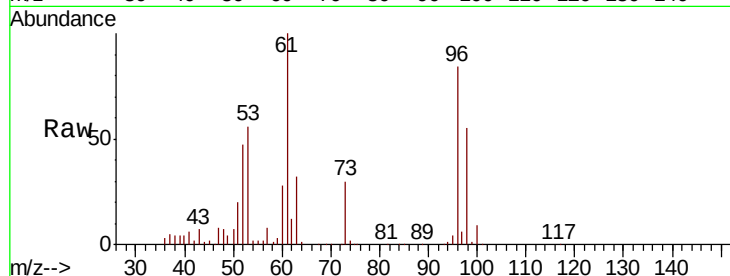
Tot Ion: 96 Resp: 53975

Ion Ratio Lower Upper

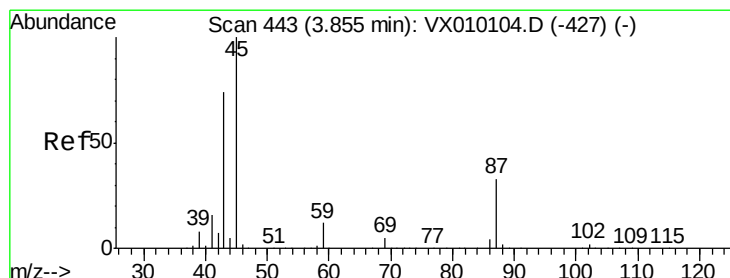
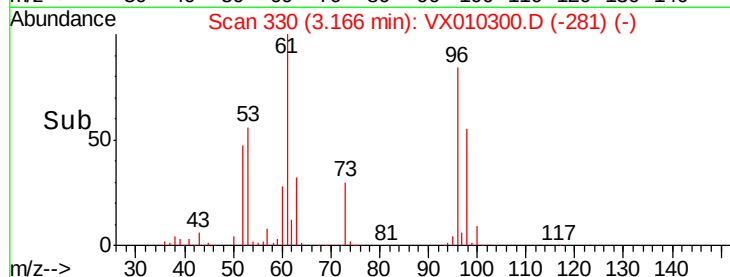
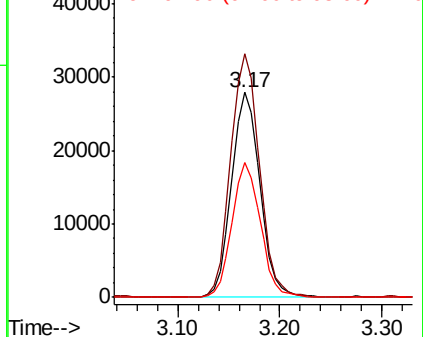
96 100

61 118.7 125.7 188.5#

98 65.5 49.0 73.6



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.915 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Tgt Ion: 45 Resp: 156218

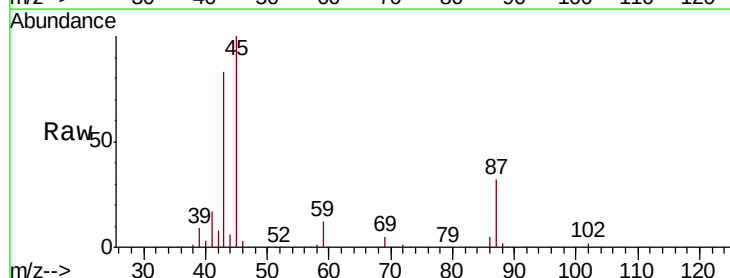
Ion Ratio Lower Upper

45 100

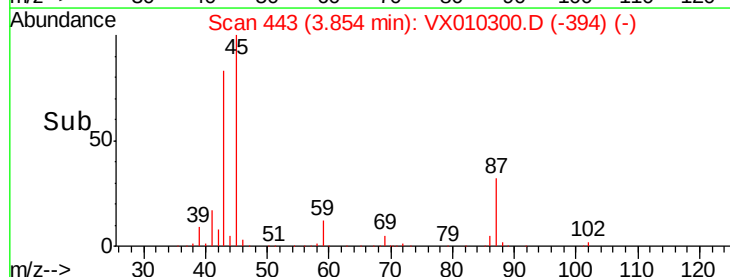
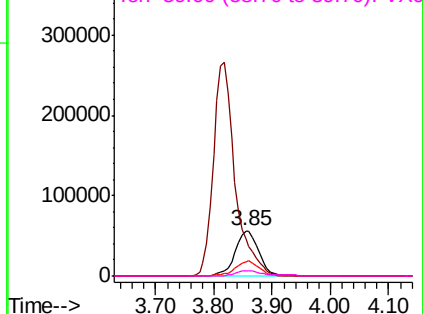
43 83.0 65.0 97.4

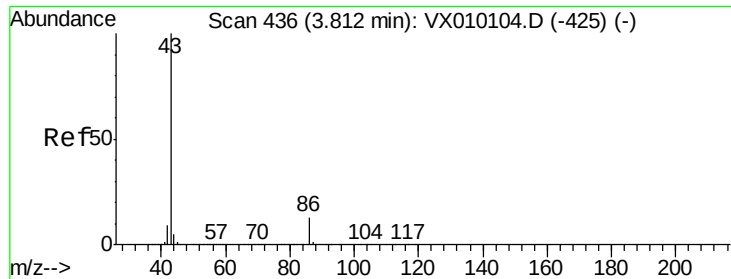
87 32.4 17.3 25.9#

59 11.7 8.1 12.1



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 98.551 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.01 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

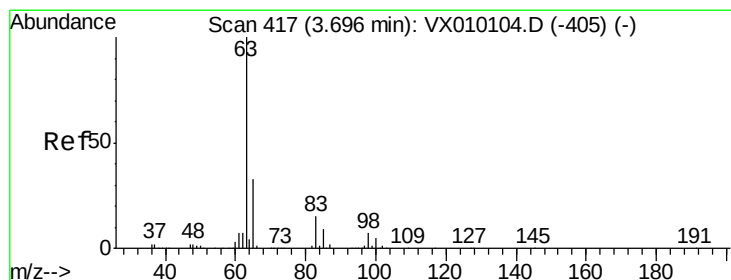
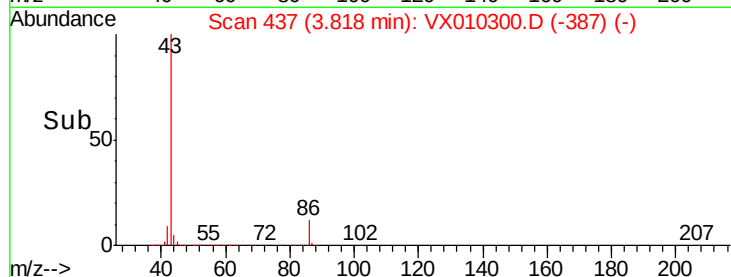
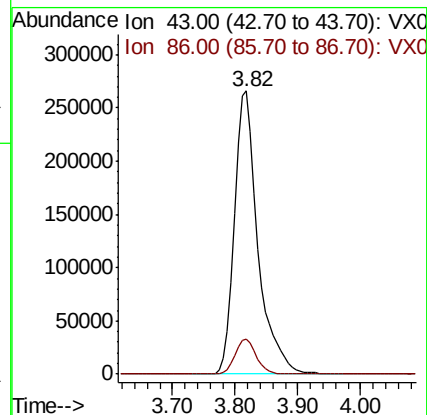
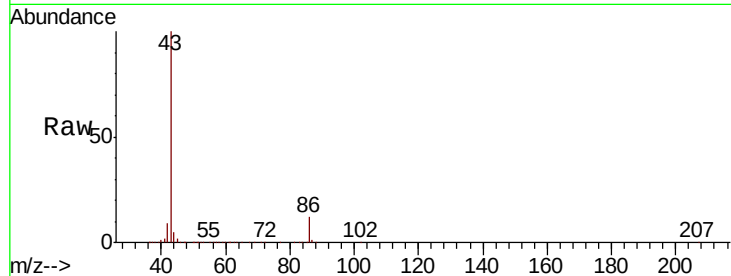
VX0614WBSD01

Tot Ion: 43 Resp: 689636

Ion Ratio Lower Upper

43 100

86 12.4 6.5 9.7#



#24

1,1-Dichloroethane

Concen: 18.962 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

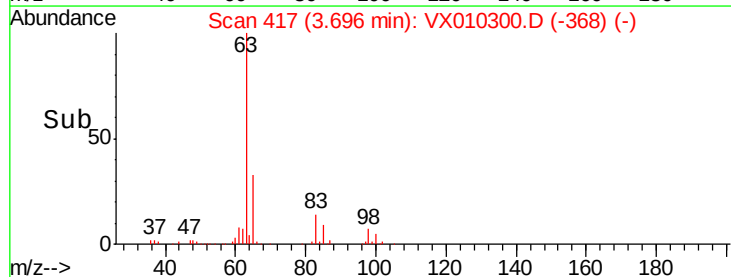
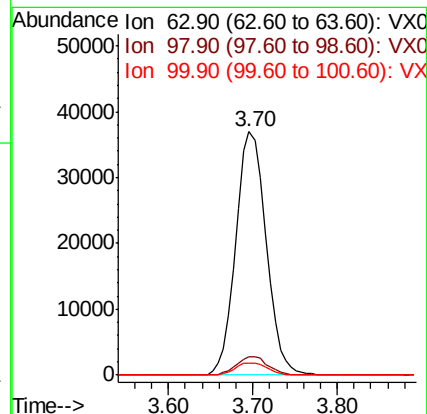
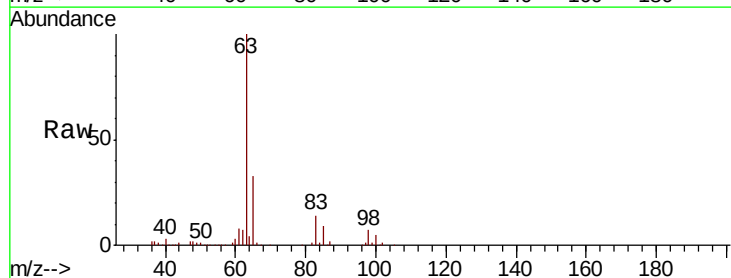
Tgt Ion: 63 Resp: 90310

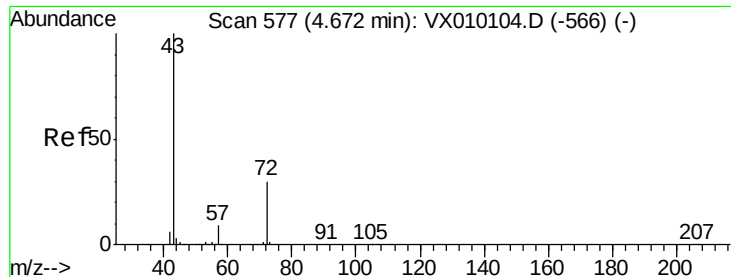
Ion Ratio Lower Upper

63 100

98 7.5 2.9 8.8

100 5.0 1.8 5.4





#25

2-Butanone

Concen: 101.791 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

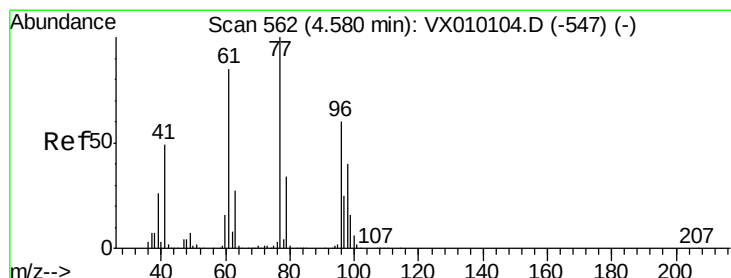
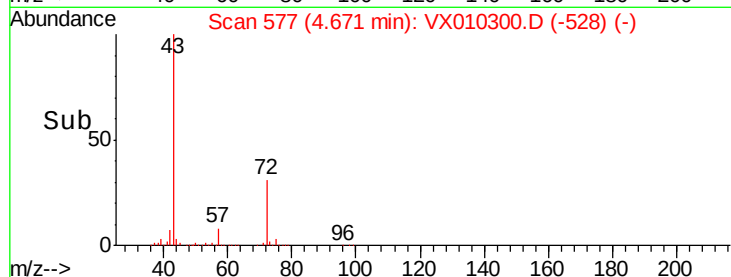
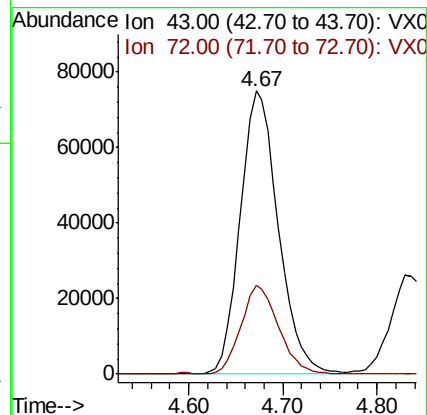
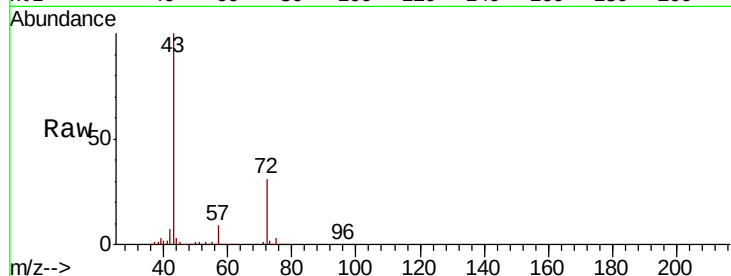
VX0614WBSD01

Tot Ion: 43 Resp: 210575

Ion Ratio Lower Upper

43 100

72 31.0 17.5 26.3#



#26

2,2-Dichloropropane

Concen: 17.225 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010300.D

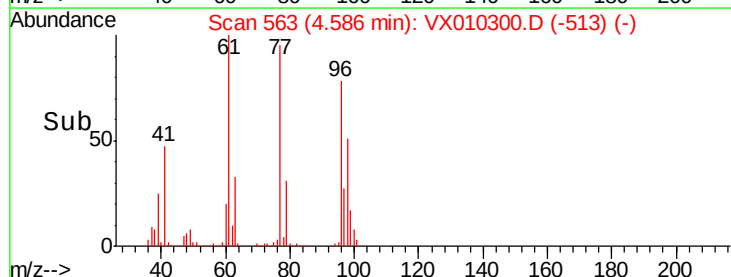
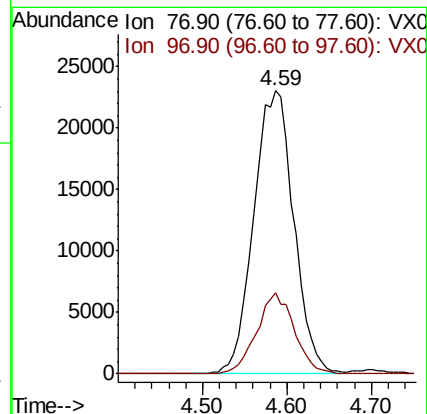
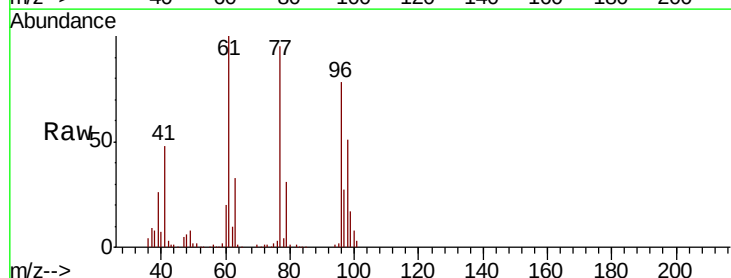
Acq: 14 Jun 2019 15:06

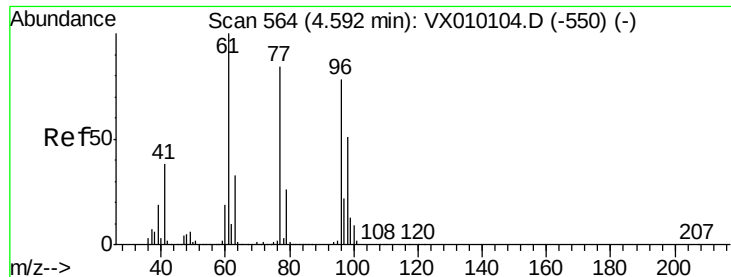
Tgt Ion: 77 Resp: 74841

Ion Ratio Lower Upper

77 100

97 27.0 11.4 34.2



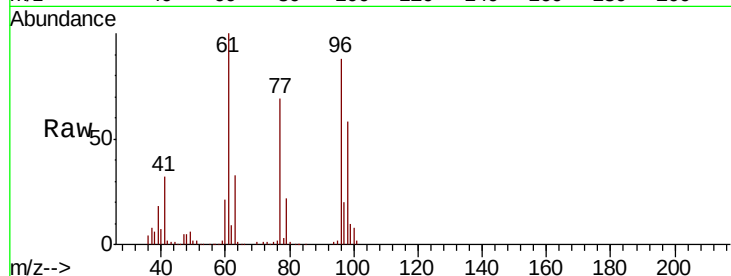


#27

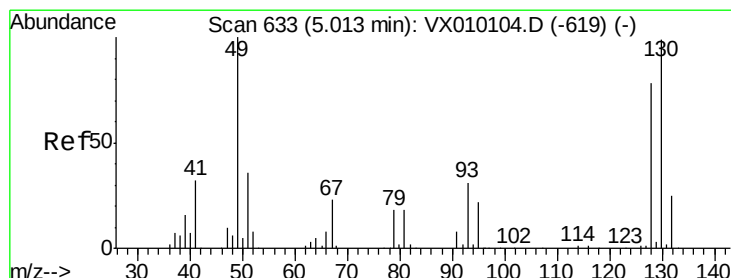
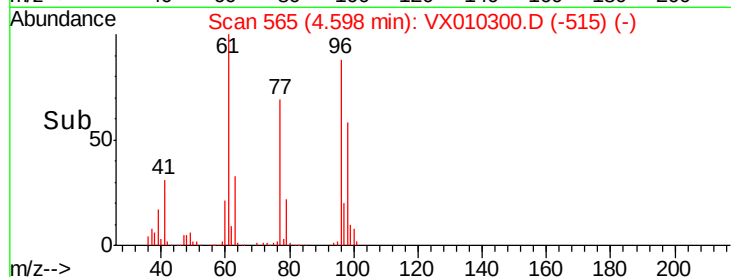
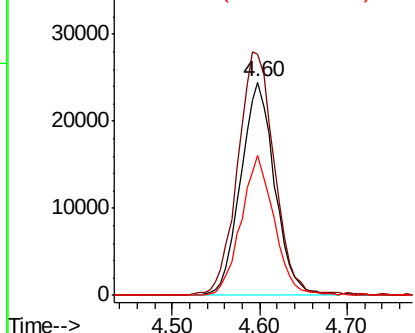
cis-1,2-Dichloroethene
 Concen: 19.784 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX010300.D
 Acq: 14 Jun 2019 15:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614WBSD01

Tot Ion: 96 Resp: 66202
 Ion Ratio Lower Upper
 96 100
 61 122.6 0.0 334.0
 98 63.9 0.0 131.6



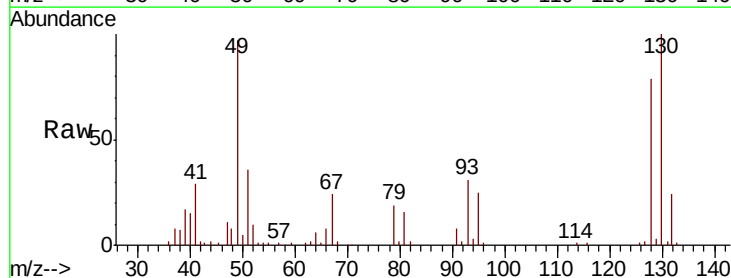
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



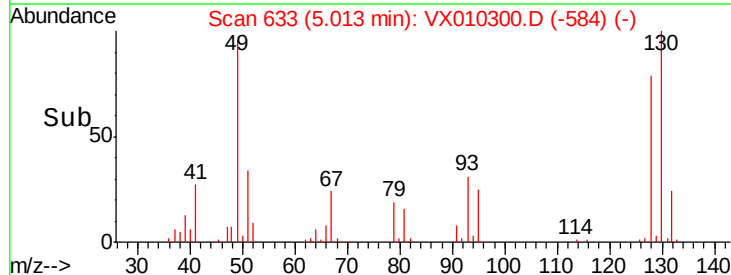
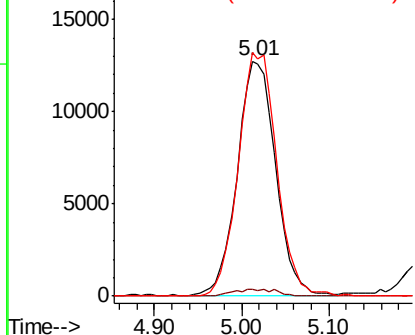
#28

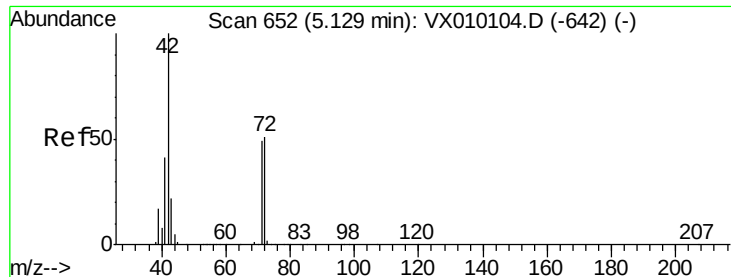
Bromochloromethane
 Concen: 18.333 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: VX010300.D
 Acq: 14 Jun 2019 15:06

Tgt Ion: 49 Resp: 39131
 Ion Ratio Lower Upper
 49 100
 129 3.3 0.0 3.4
 130 103.4 49.4 74.2#



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 102.276 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

VX0614WBSD01

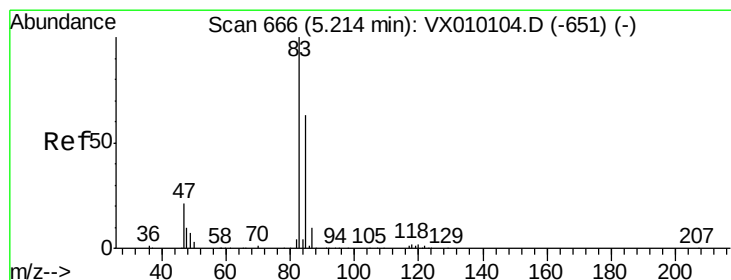
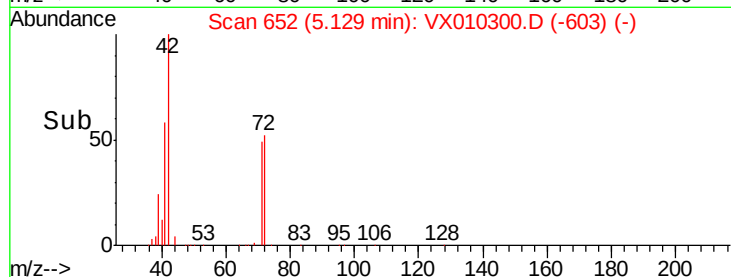
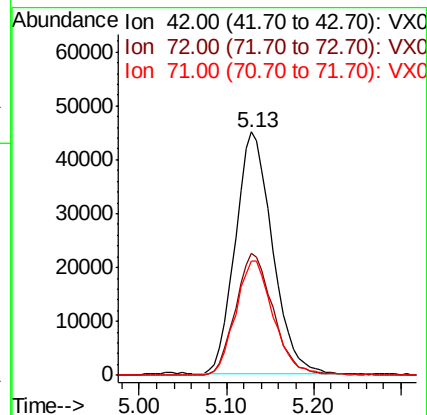
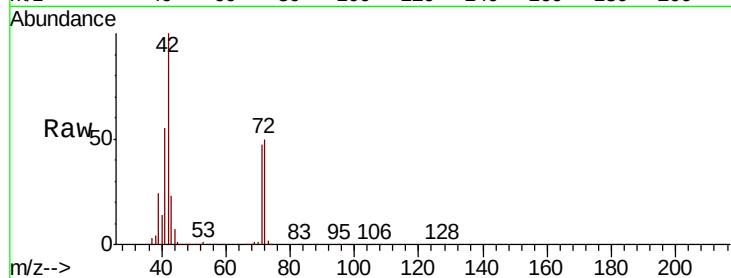
Tot Ion: 42 Resp: 132967

Ion Ratio Lower Upper

42 100

72 51.6 29.2 43.8#

71 47.8 27.6 41.4#



#30

Chloroform

Concen: 19.784 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX010300.D

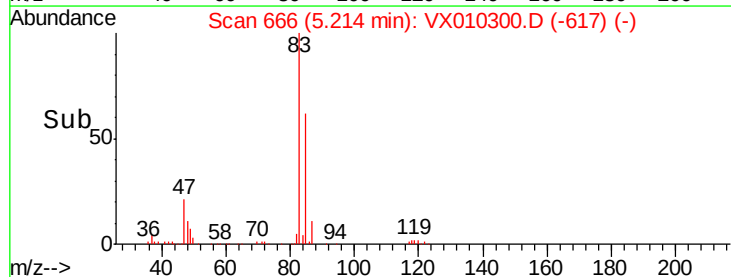
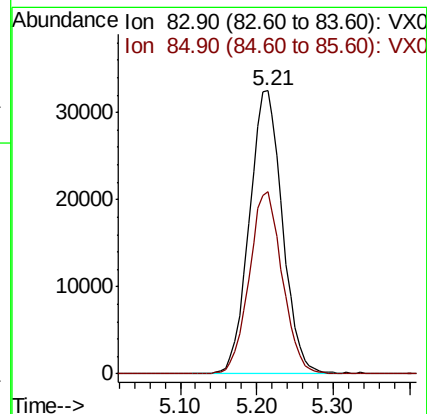
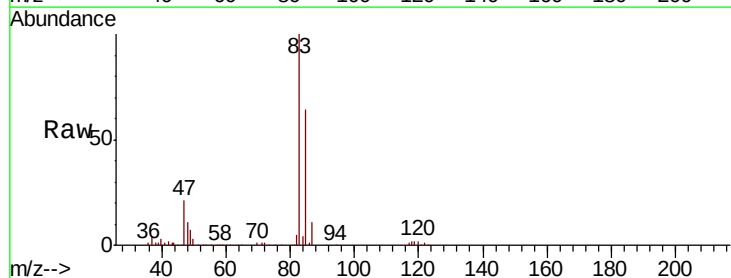
Acq: 14 Jun 2019 15:06

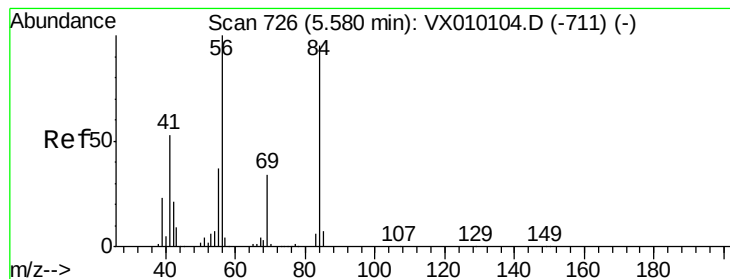
Tgt Ion: 83 Resp: 97856

Ion Ratio Lower Upper

83 100

85 64.1 52.6 78.8





#31

Cyclohexane

Concen: 18.858 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

VX0614WBSD01

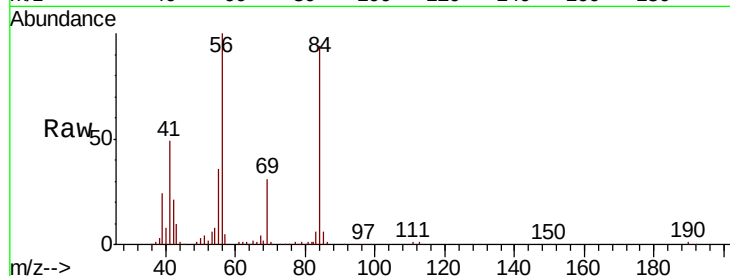
Tot Ion: 56 Resp: 81058

Ion Ratio Lower Upper

56 100

69 30.9 21.6 32.4

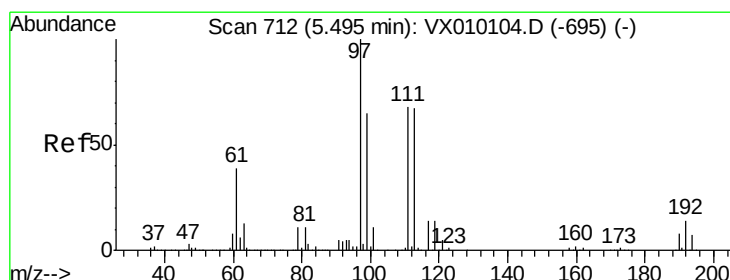
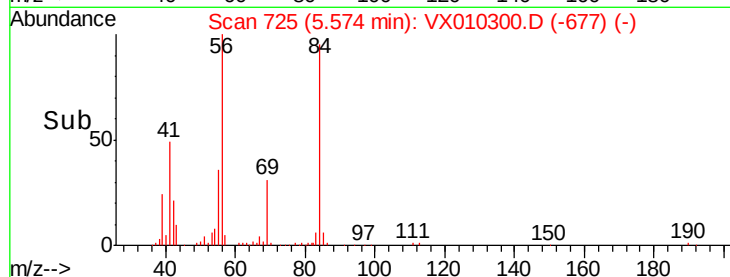
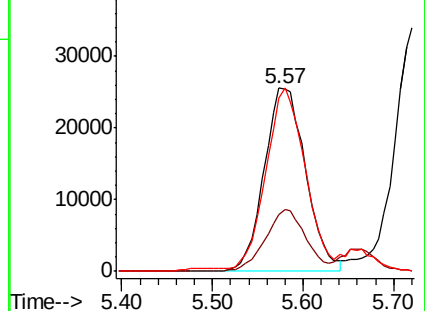
84 93.1 56.8 85.2#



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



#32

1,1,1-Trichloroethane

Concen: 18.540 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

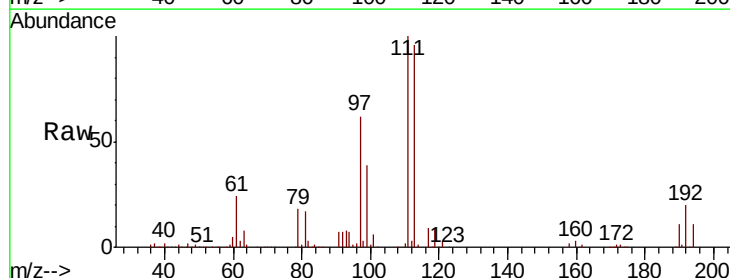
Tgt Ion: 97 Resp: 86210

Ion Ratio Lower Upper

97 100

99 63.2 51.0 76.4

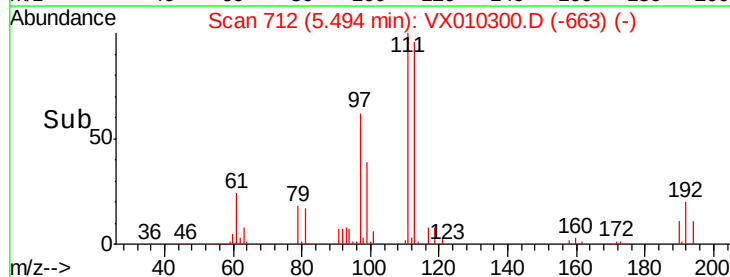
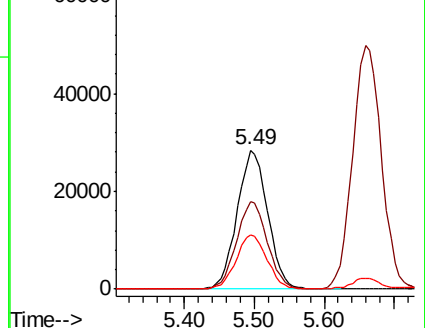
61 39.7 38.7 58.1

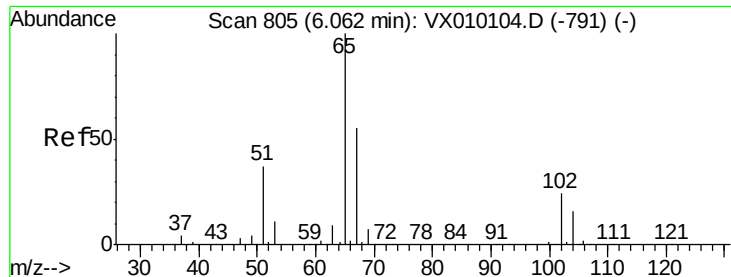


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

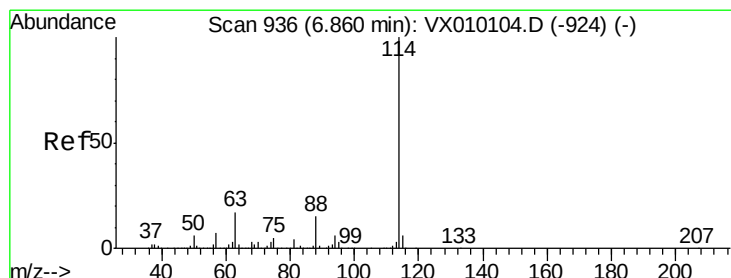
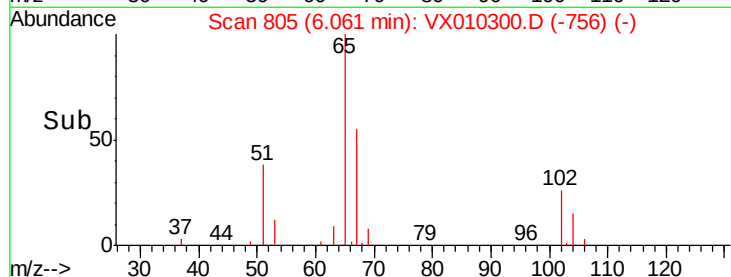
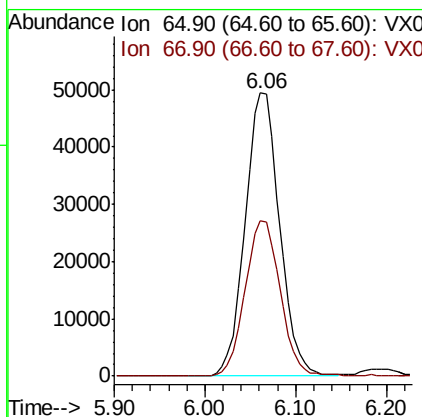
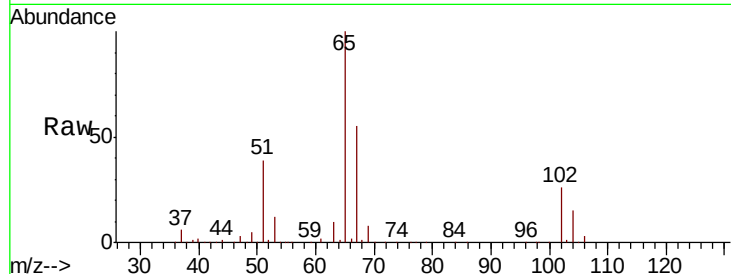




#33
 1,2-Dichloroethane-d4
 Concen: 44.078 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010300.D
 Acq: 14 Jun 2019 15:06

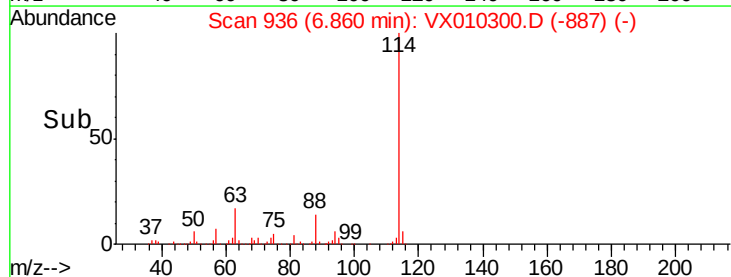
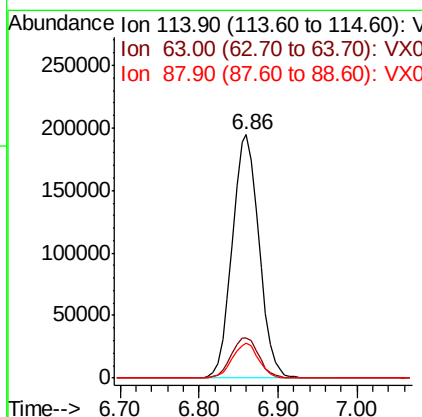
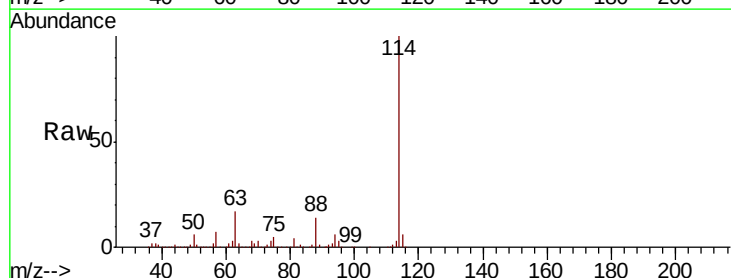
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614WBSD01

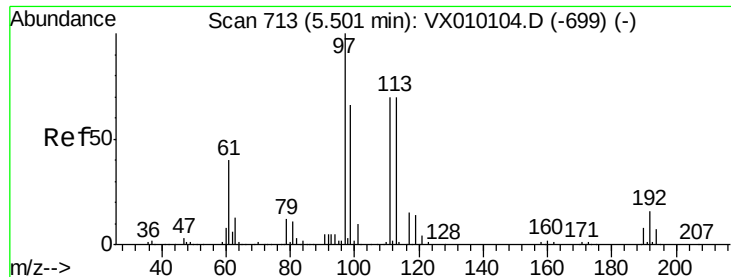
Tot Ion: 65 Resp: 130192
 Ion Ratio Lower Upper
 65 100
 67 55.9 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010300.D
 Acq: 14 Jun 2019 15:06

Tgt Ion: 114 Resp: 460800
 Ion Ratio Lower Upper
 114 100
 63 16.6 0.0 47.4
 88 14.2 0.0 33.0





#35

Dibromofluoromethane

Concen: 45.809 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

VX0614WBSD01

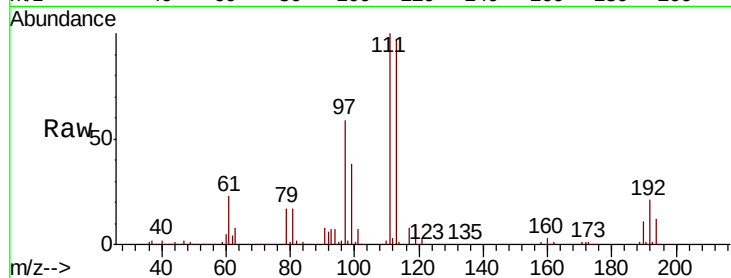
Tot Ion:113 Resp: 130203

Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.2

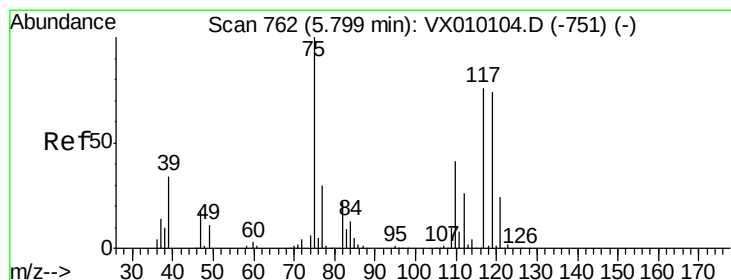
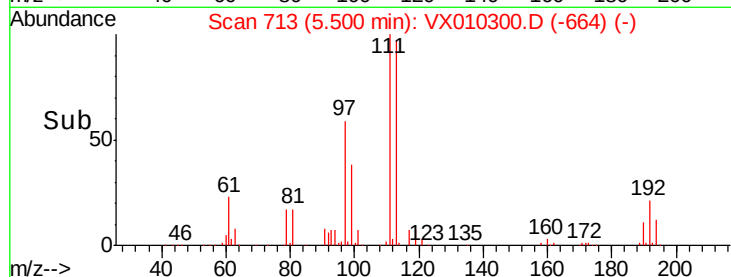
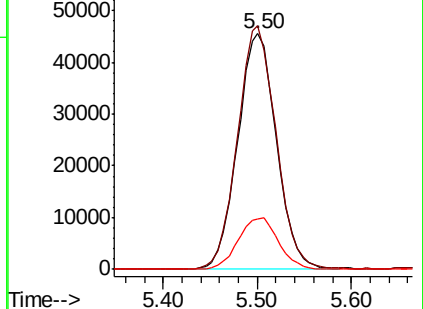
192 22.6 17.1 25.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.365 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

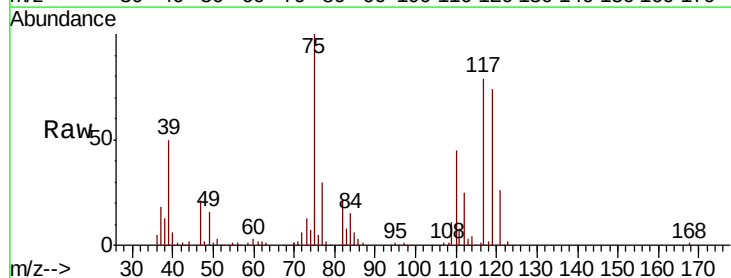
Tgt Ion: 75 Resp: 69041

Ion Ratio Lower Upper

75 100

110 41.6 16.7 50.1

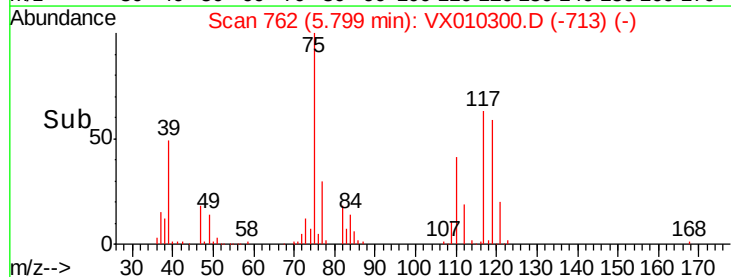
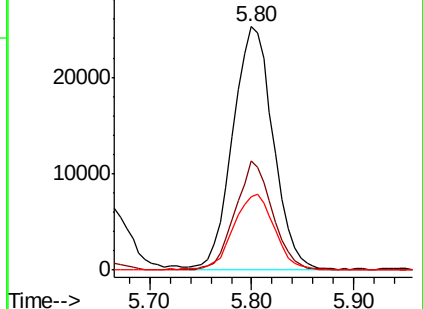
77 31.9 25.0 37.4

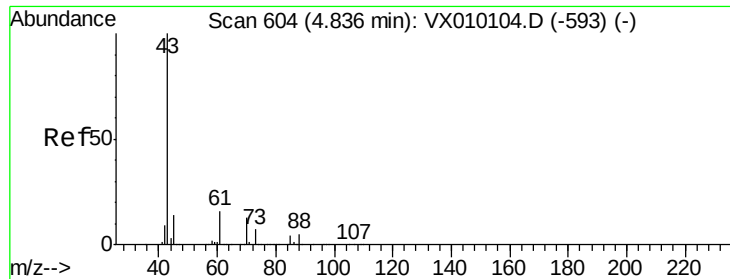


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 19.635 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

VX0614WBSD01

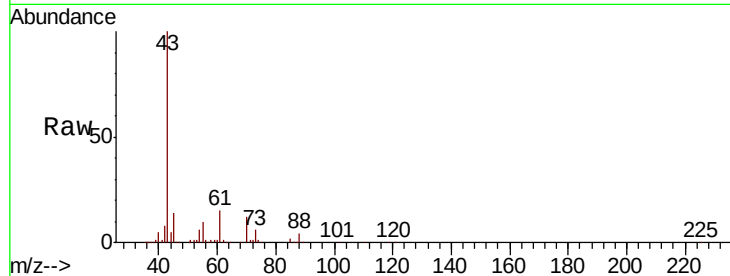
Tot Ion: 43 Resp: 76802

Ion Ratio Lower Upper

43 100

61 15.6 10.2 15.2#

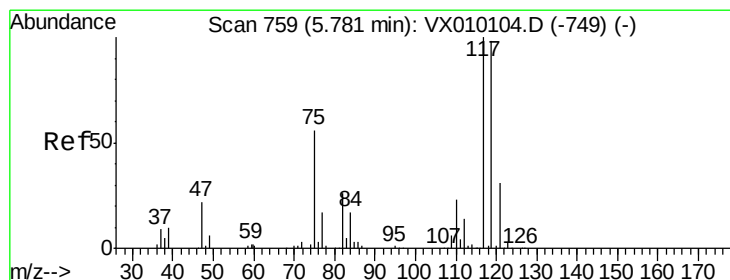
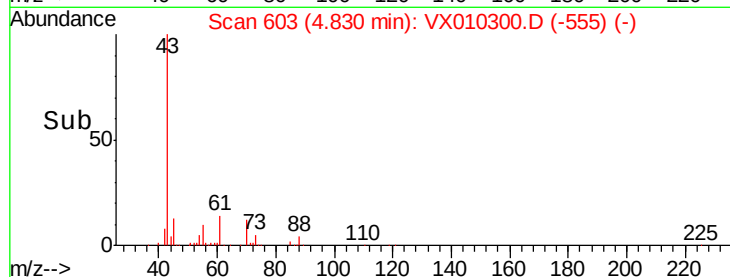
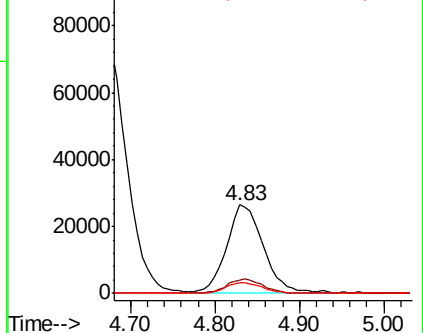
70 12.8 7.4 11.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 18.037 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.01 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

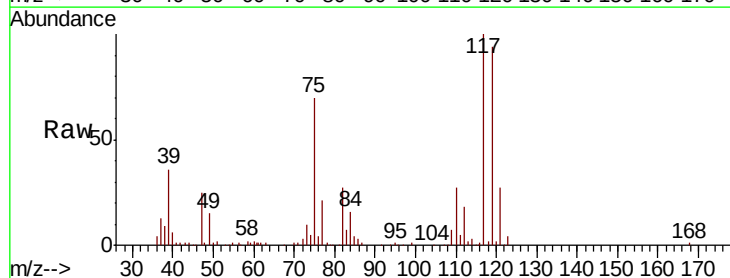
Tgt Ion: 117 Resp: 76751

Ion Ratio Lower Upper

117 100

119 94.2 77.3 115.9

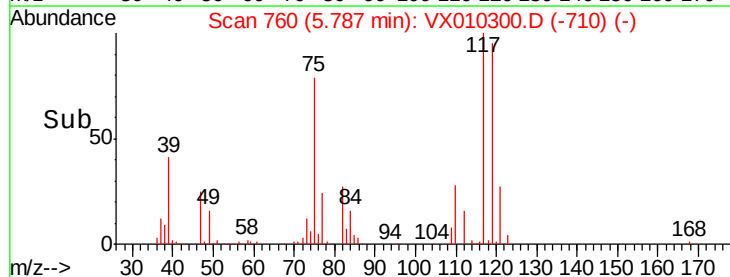
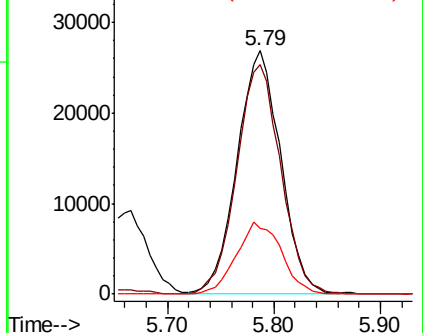
121 27.3 25.4 38.0

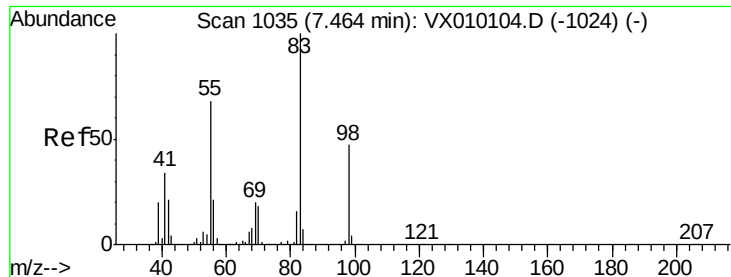


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

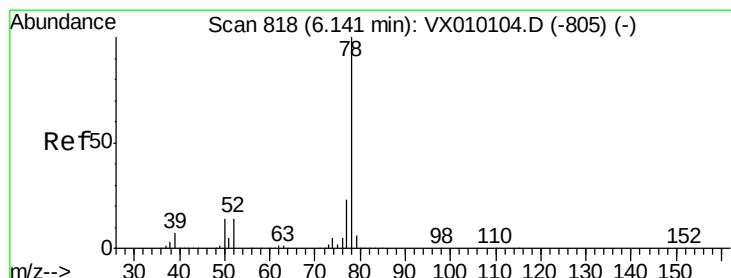
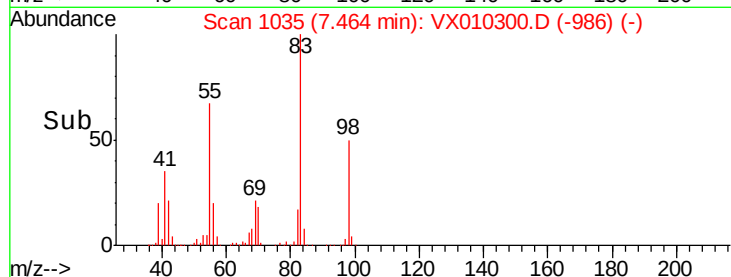
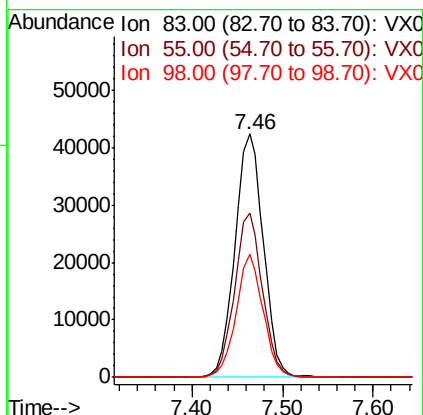
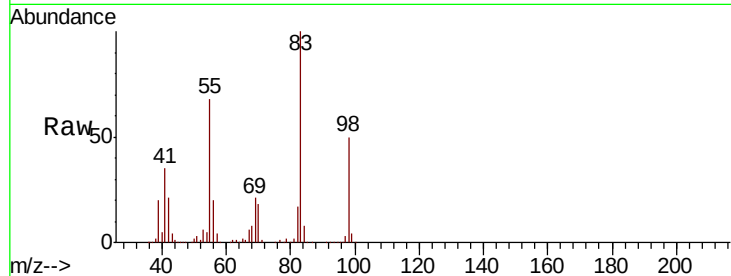




#39
Methylvlcyclohexane
Concen: 17.945 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010300.D
Acq: 14 Jun 2019 15:06

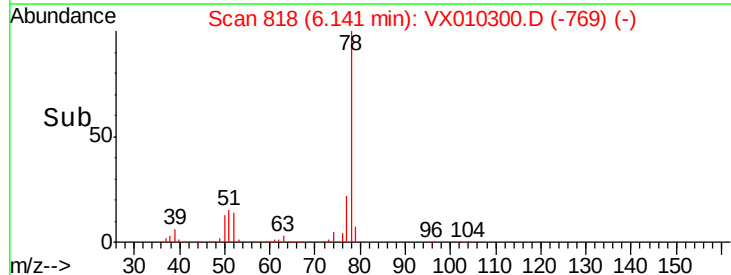
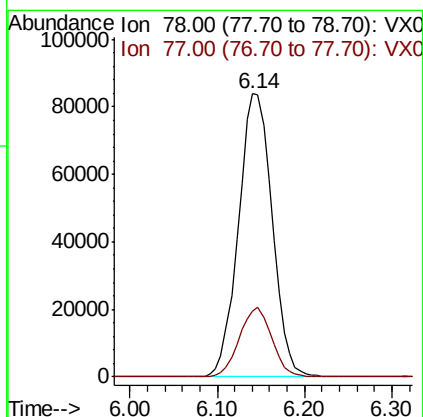
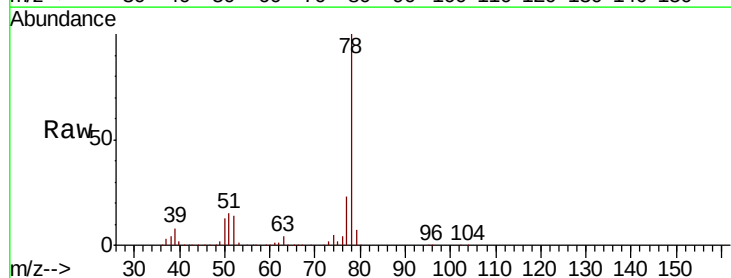
Instrument :
MSVOA_X
ClientSampleId :
VX0614WBSD01

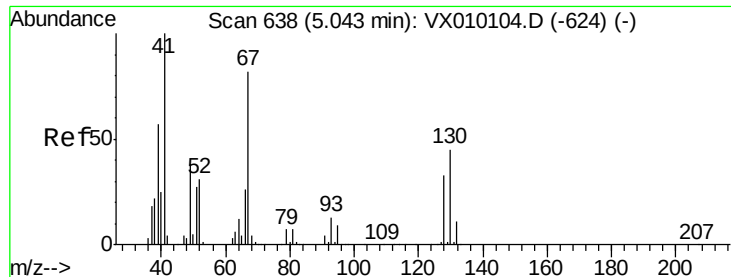
Tot Ion: 83 Resp: 91865
Ion Ratio Lower Upper
83 100
55 67.4 69.9 104.9#
98 50.4 35.1 52.7



#40
Benzene
Concen: 19.387 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010300.D
Acq: 14 Jun 2019 15:06

Tgt Ion: 78 Resp: 225376
Ion Ratio Lower Upper
78 100
77 23.1 19.2 28.8

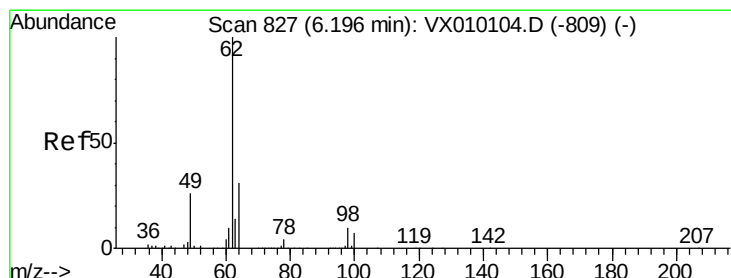
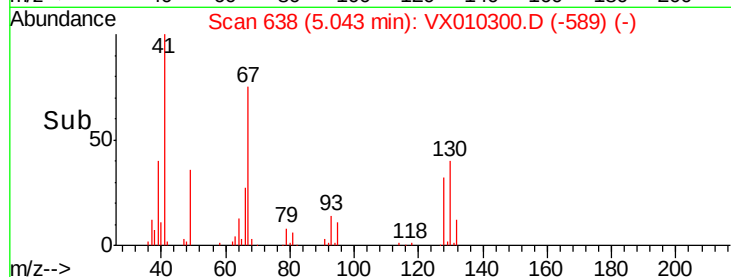
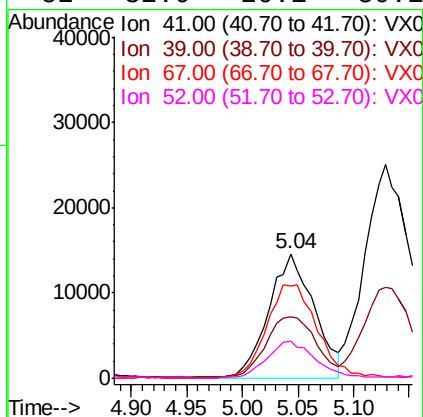
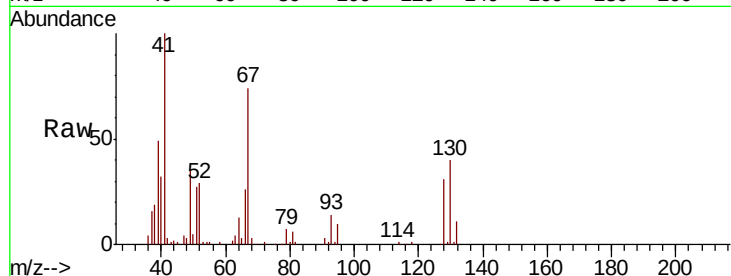




#41
Methacrylonitrile
Concen: 19.473 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX010300.D
Acq: 14 Jun 2019 15:06

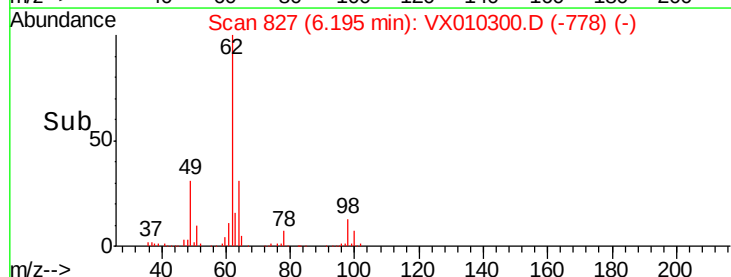
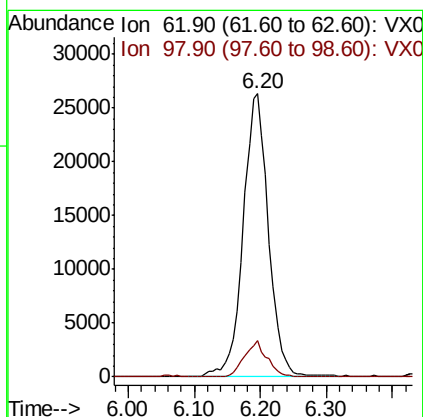
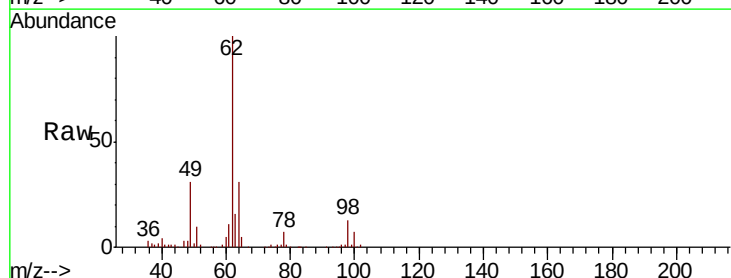
Instrument :
MSVOA_X
ClientSampleId :
VX0614WBSD01

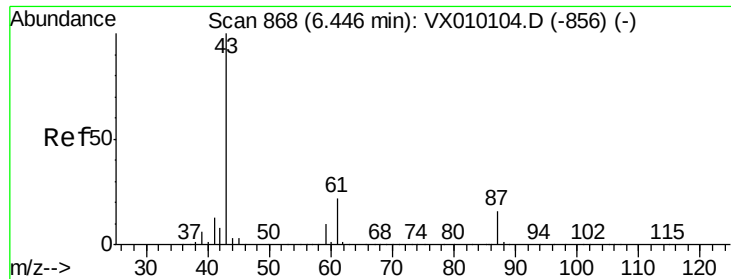
Tot Ion:	41	Resp:	41204
Ion	Ratio	Lower	Upper
41	100		
39	54.1	42.2	63.4
67	85.0	48.9	73.3#
52	32.0	20.1	30.1#



#42
1,2-Dichloroethane
Concen: 18.852 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX010300.D
Acq: 14 Jun 2019 15:06

Tgt Ion:	62	Resp:	69964
Ion	Ratio	Lower	Upper
62	100		
98	11.4	0.0	17.2





#43

Isopropyl Acetate

Concen: 19.265 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

VX0614WBSD01

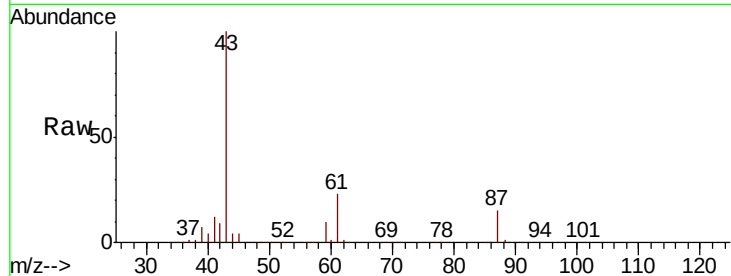
Tot Ion: 43 Resp: 125997

Ion Ratio Lower Upper

43 100

61 22.9 14.6 21.8#

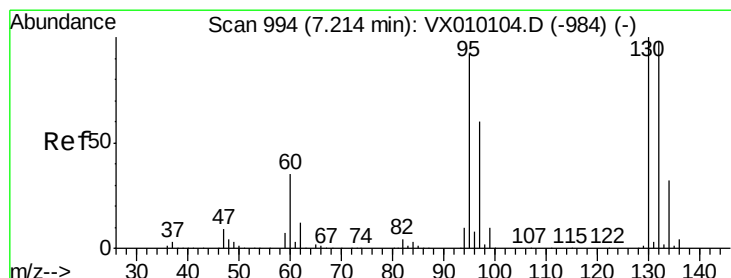
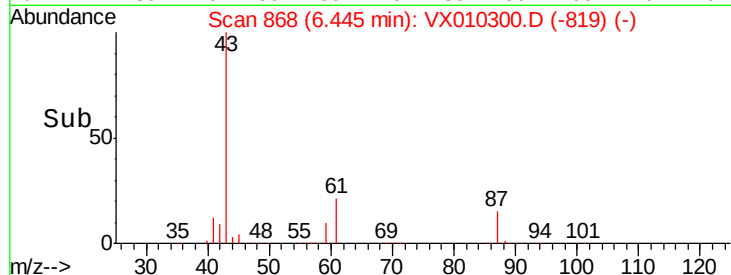
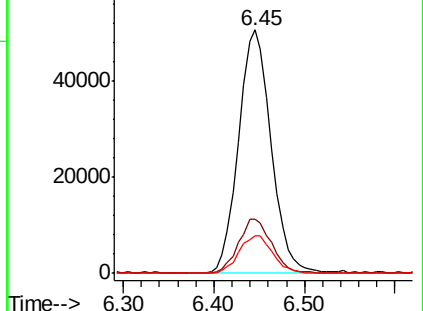
87 16.0 8.7 13.1#



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



#44

Trichloroethene

Concen: 19.105 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX010300.D

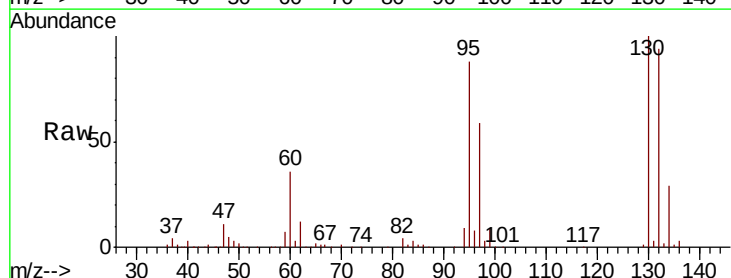
Acq: 14 Jun 2019 15:06

Tgt Ion:130 Resp: 66944

Ion Ratio Lower Upper

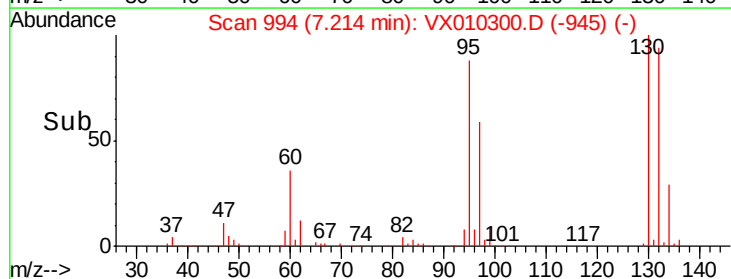
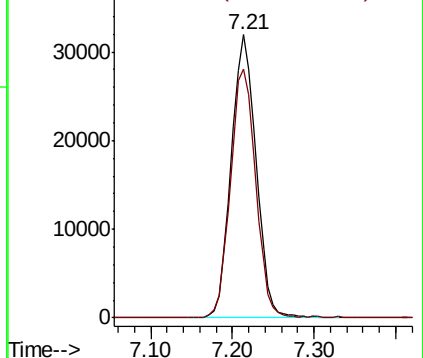
130 100

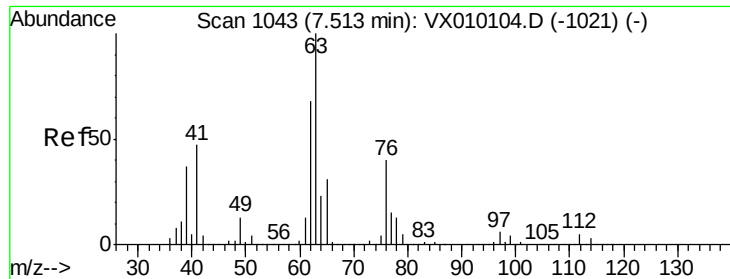
95 88.0 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

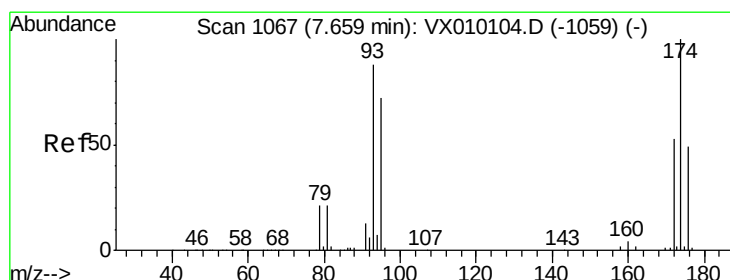
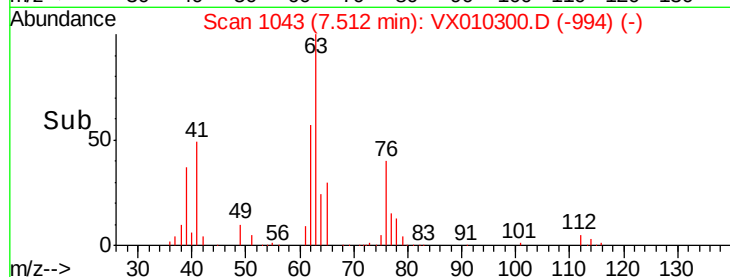
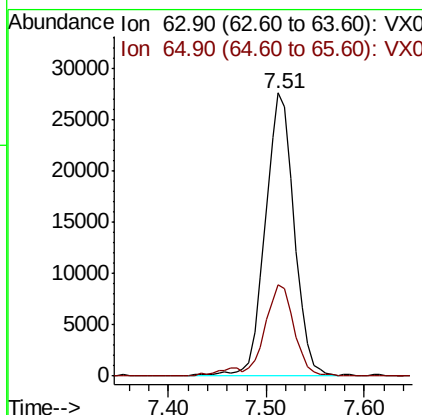
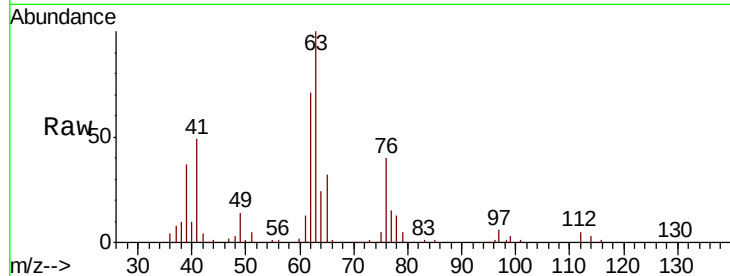




#45
 1,2-Dichloropropane
 Concen: 19.496 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX010300.D
 Acq: 14 Jun 2019 15:06

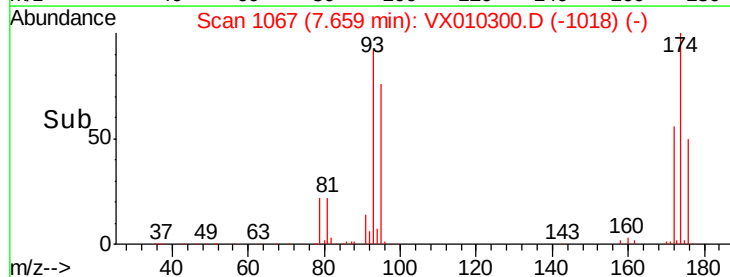
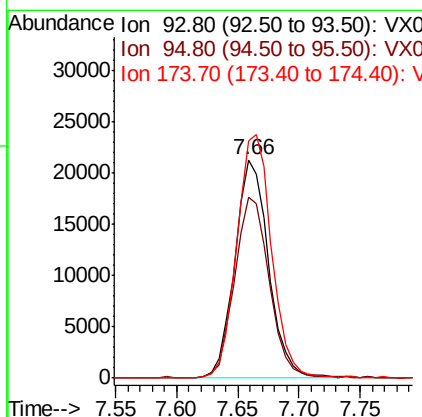
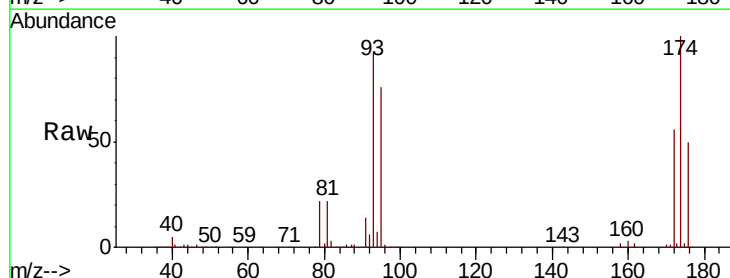
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614WBSD01

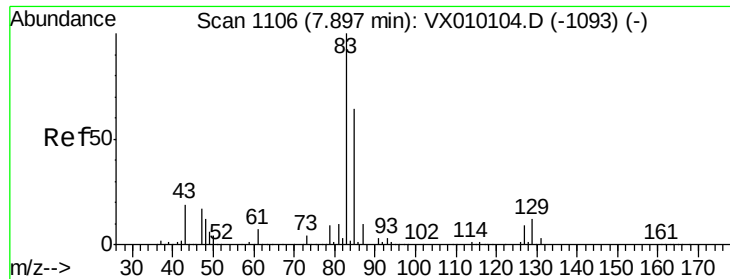
Tot Ion: 63 Resp: 56726
 Ion Ratio Lower Upper
 63 100
 65 32.0 25.7 38.5



#46
 Dibromomethane
 Concen: 18.641 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX010300.D
 Acq: 14 Jun 2019 15:06

Tgt Ion: 93 Resp: 40634
 Ion Ratio Lower Upper
 93 100
 95 85.9 66.8 100.2
 174 116.0 81.9 122.9





#47

Bromodichloromethane

Concen: 18.318 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

VX0614WBSD01

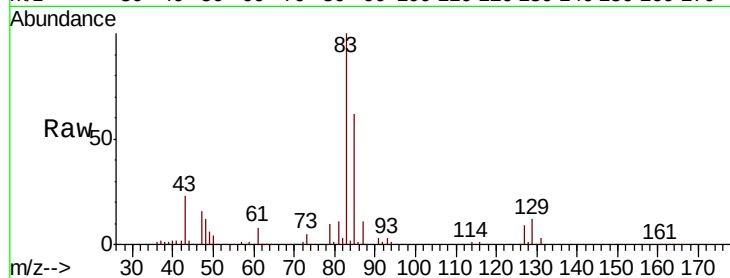
Tot Ion: 83 Resp: 74613

Ion Ratio Lower Upper

83 100

85 61.6 51.4 77.2

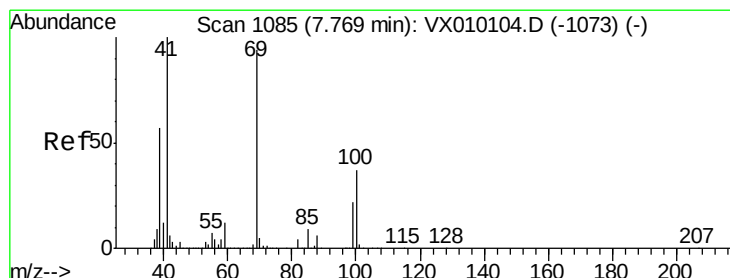
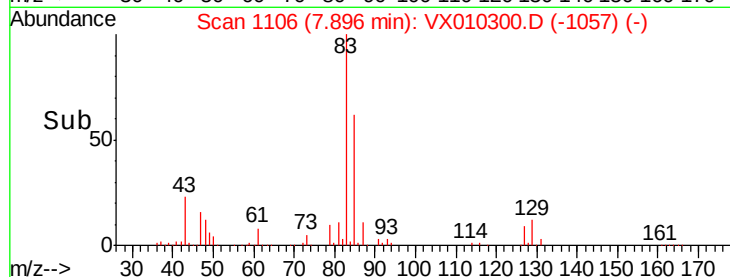
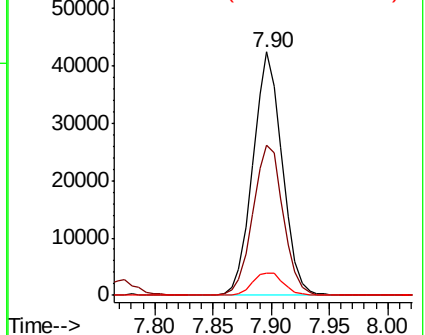
127 9.1 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.285 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

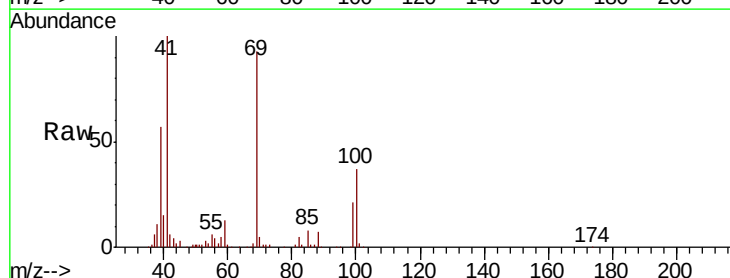
Tgt Ion: 41 Resp: 58985

Ion Ratio Lower Upper

41 100

69 96.1 56.4 84.6#

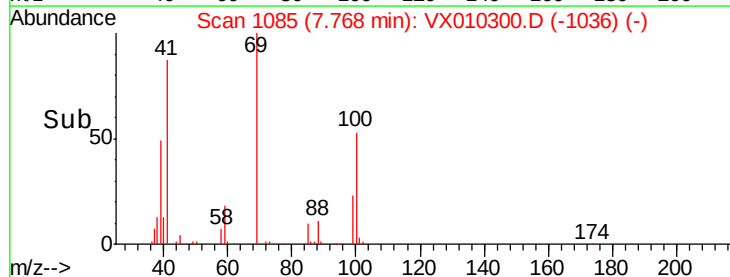
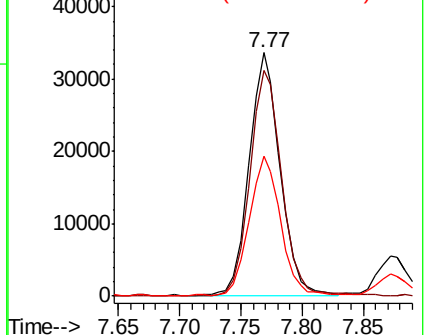
39 58.5 40.6 60.8

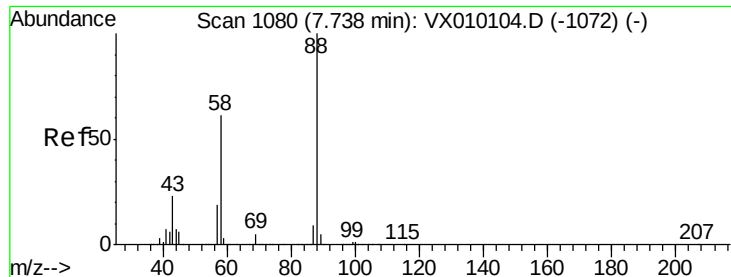


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

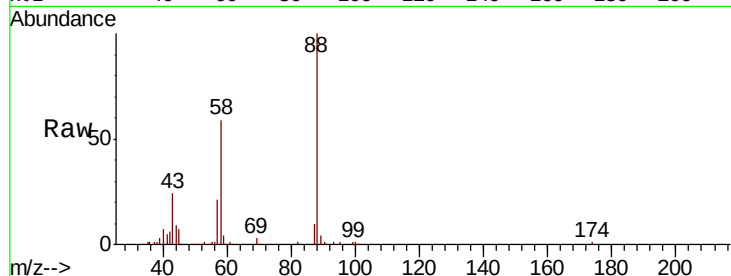




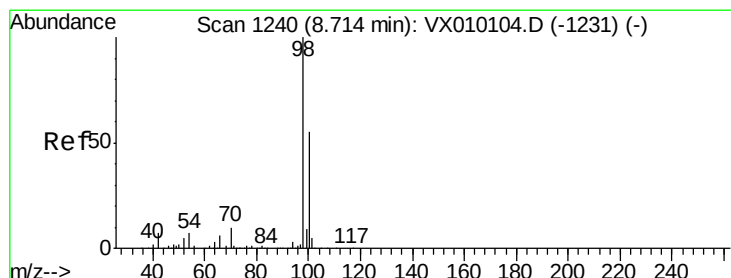
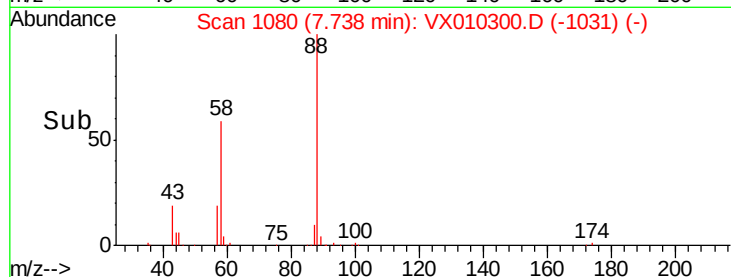
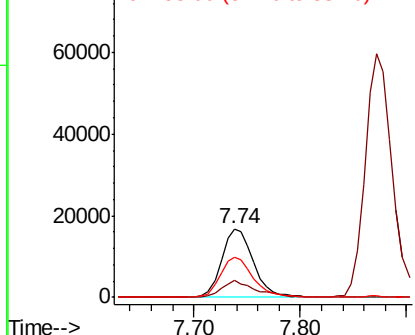
#49
1,4-Dioxane
Concen: 400.298 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX010300.D
Acq: 14 Jun 2019 15:06

Instrument :
MSVOA_X
ClientSampleId :
VX0614WBSD01

Tot Ion: 88 Resp: 34908
Ion Ratio Lower Upper
88 100
43 25.5 30.2 45.4#
58 61.1 64.0 96.0#

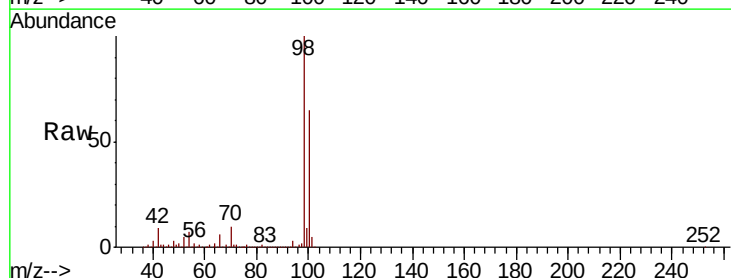


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

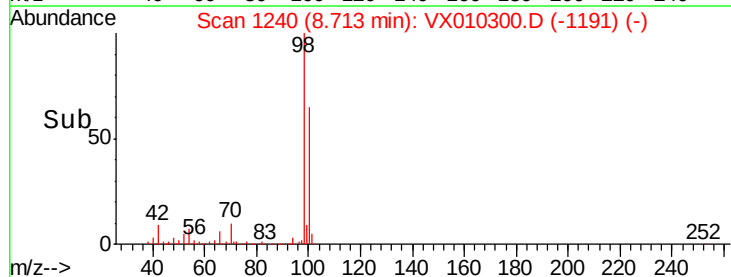
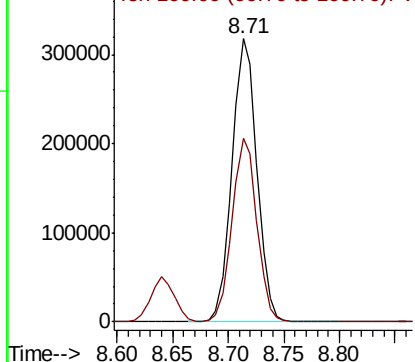


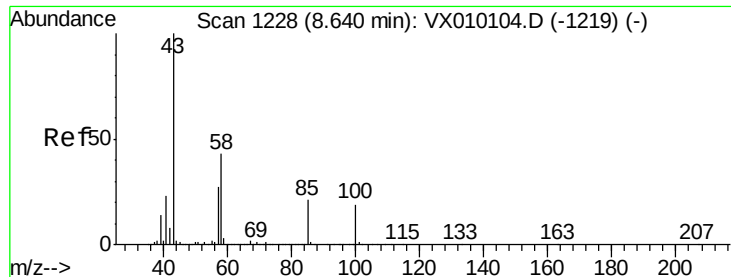
#50
Toluene-d8
Concen: 46.162 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010300.D
Acq: 14 Jun 2019 15:06

Tgt Ion: 98 Resp: 491740
Ion Ratio Lower Upper
98 100
100 64.6 51.5 77.3



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





#51

4-Methyl-2-Pentanone

Concen: 104.828 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

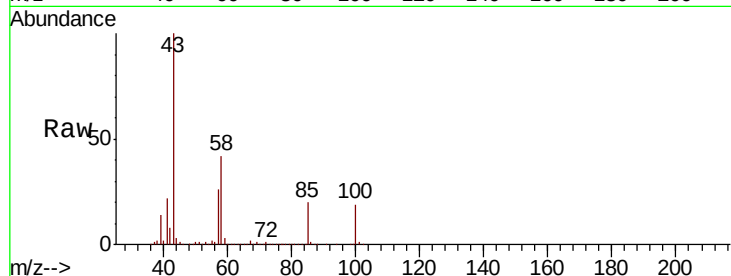
VX0614WBSD01

Tot Ion: 43 Resp: 409568

Ion Ratio Lower Upper

43 100

58 42.2 28.8 43.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

250000

200000

150000

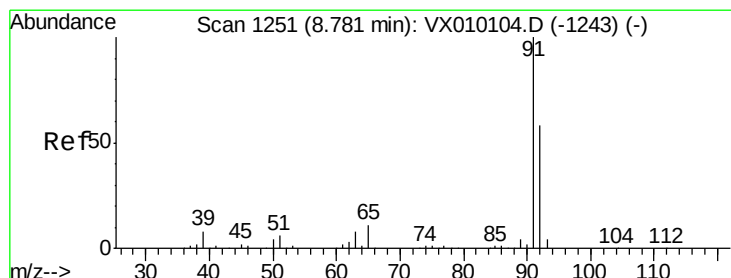
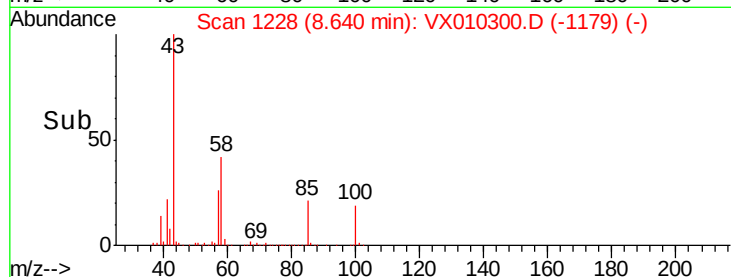
100000

50000

0

Time-->

8.55 8.60 8.65 8.70



#52

Toluene

Concen: 19.127 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX010300.D

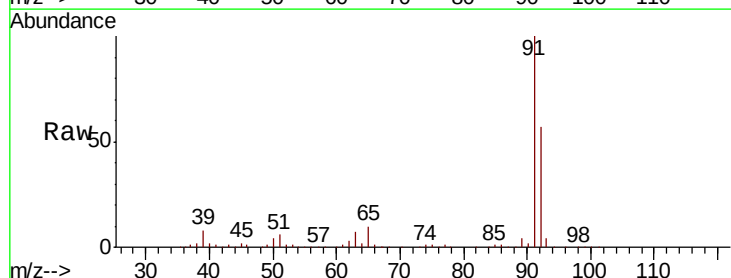
Acq: 14 Jun 2019 15:06

Tgt Ion: 92 Resp: 146159

Ion Ratio Lower Upper

92 100

91 175.7 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

150000

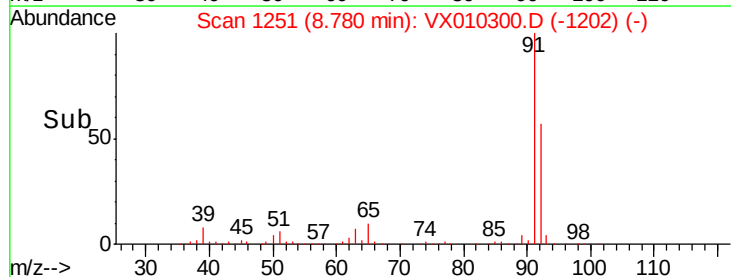
100000

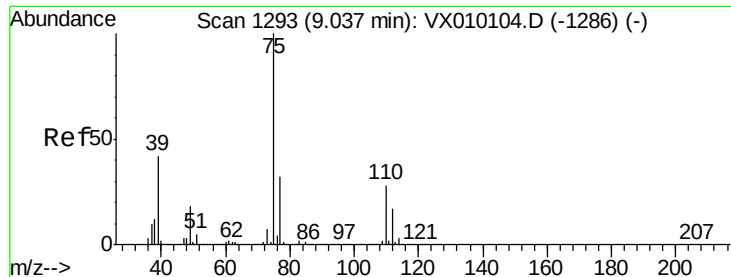
50000

0

Time-->

8.70 8.75 8.80 8.85





#53

t-1,3-Dichloropropene

Concen: 17.518 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

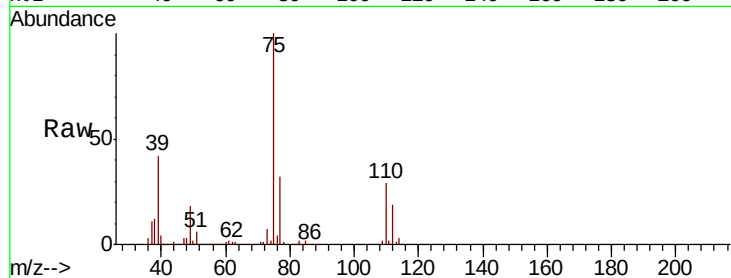
VX0614WBSD01

Tot Ion: 75 Resp: 82534

Ion Ratio Lower Upper

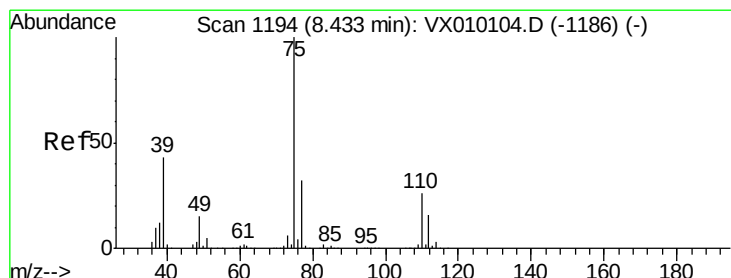
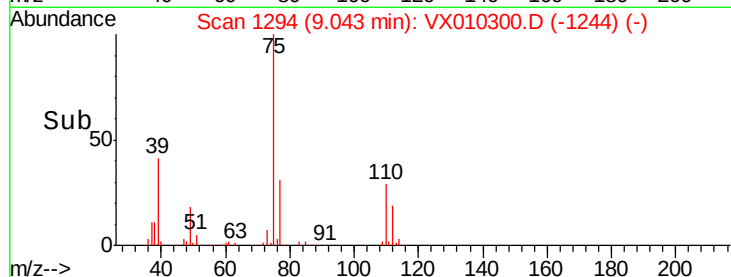
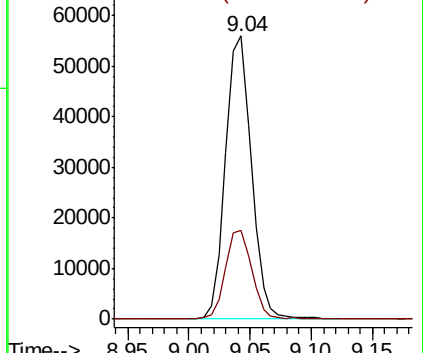
75 100

77 31.4 24.6 36.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 17.983 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

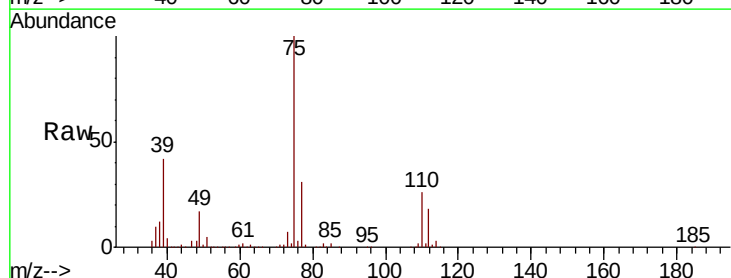
Tgt Ion: 75 Resp: 90831

Ion Ratio Lower Upper

75 100

77 31.0 24.8 37.2

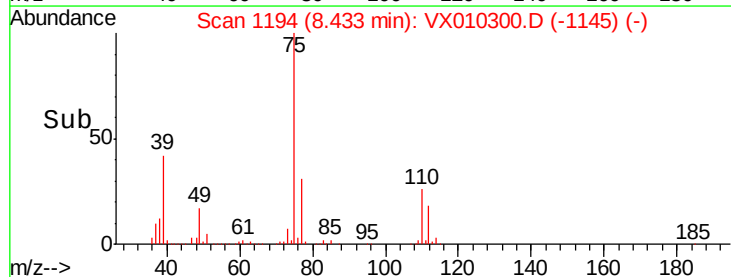
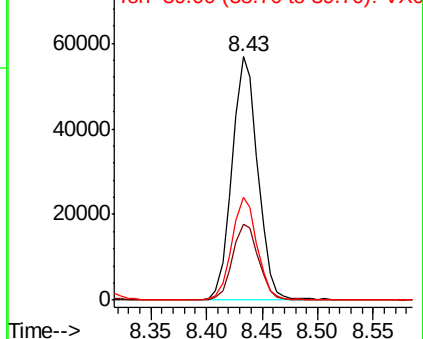
39 41.8 43.4 65.0#

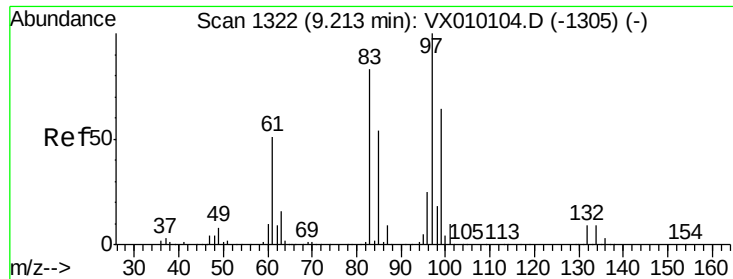


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

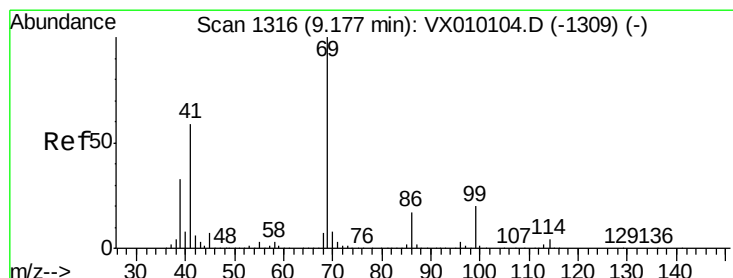
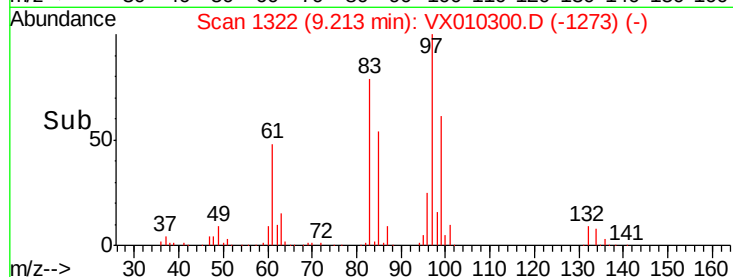
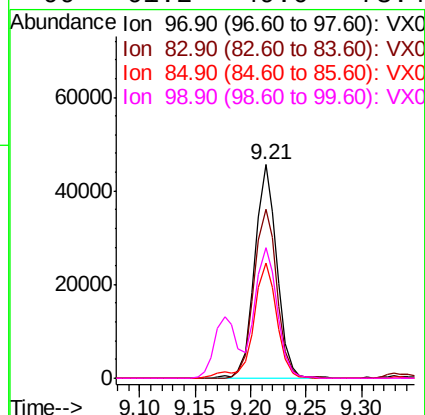
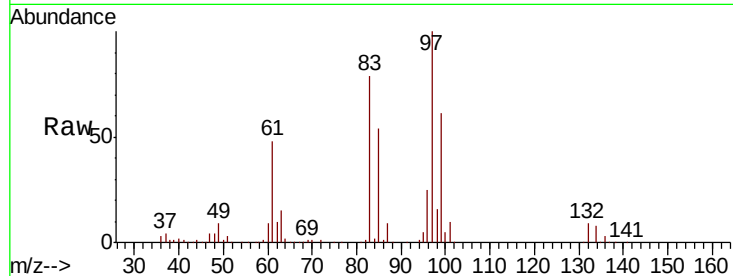




#55
 1,1,2-Trichloroethane
 Concen: 20.321 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010300.D
 Acq: 14 Jun 2019 15:06

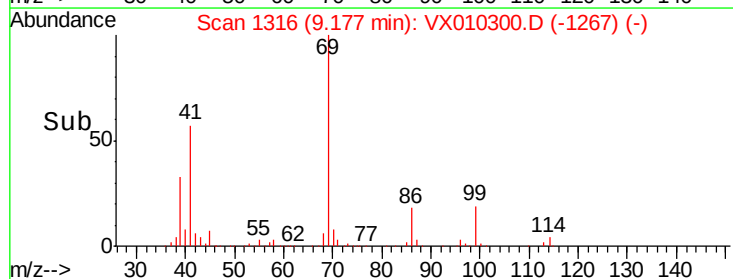
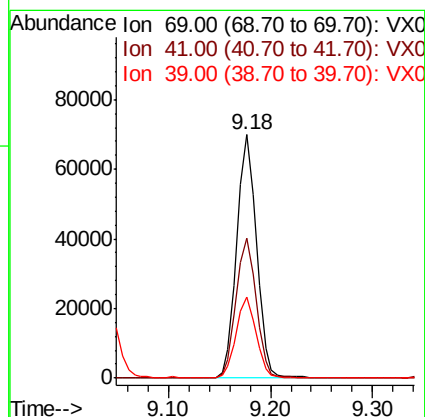
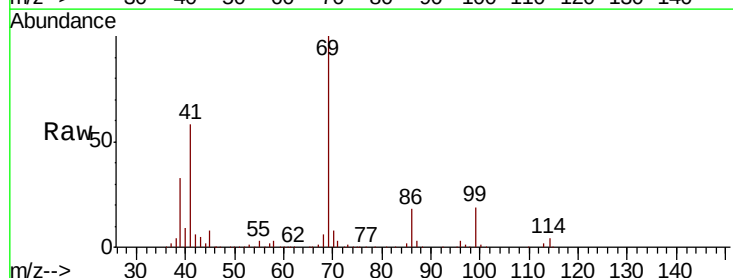
Instrument :
 MSVOA_X
 ClientSampled :
 VX0614WBSD01

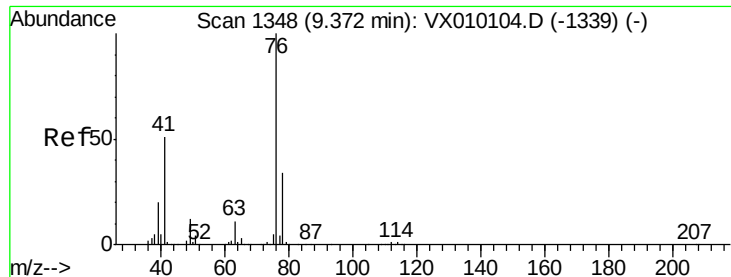
Tot Ion:	97	Resp:	63596
Ion	Ratio	Lower	Upper
97	100		
83	78.9	69.8	104.8
85	53.8	45.3	67.9
99	61.2	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 18.993 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX010300.D
 Acq: 14 Jun 2019 15:06

Tgt Ion:	69	Resp:	93893
Ion	Ratio	Lower	Upper
69	100		
41	58.4	62.7	94.1#
39	33.0	29.5	44.3

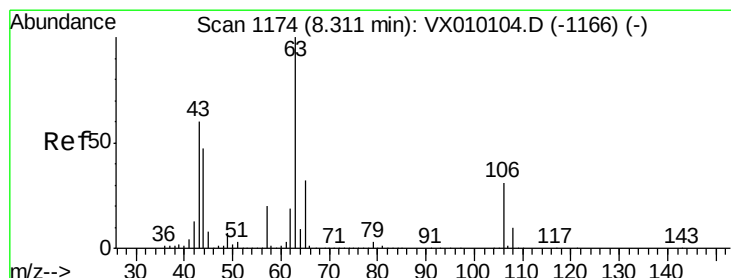
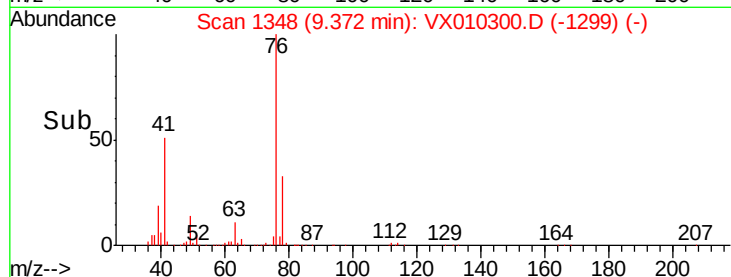
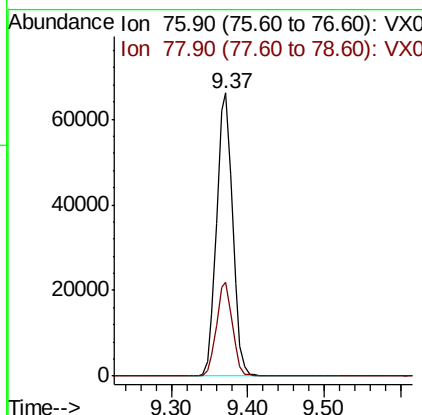
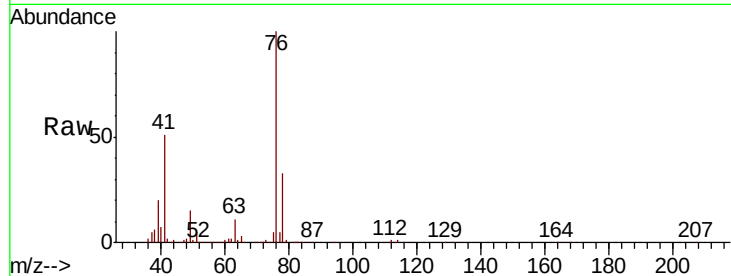




#57
 1,3-Dichloropropane
 Concen: 19.505 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX010300.D
 Acq: 14 Jun 2019 15:06

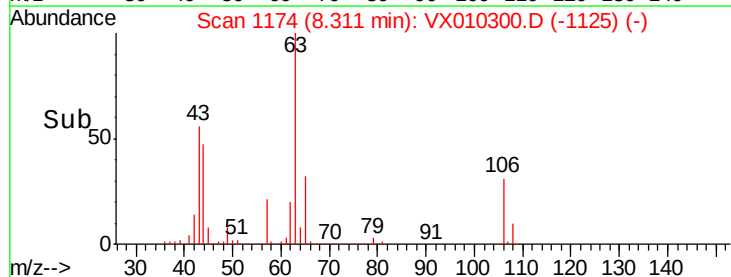
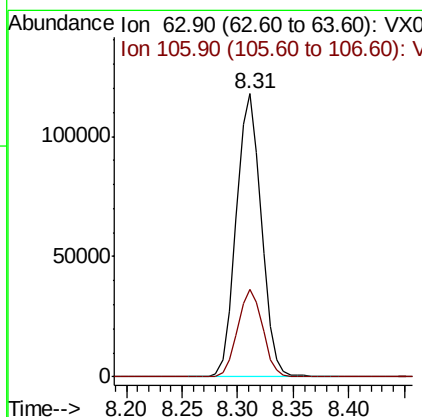
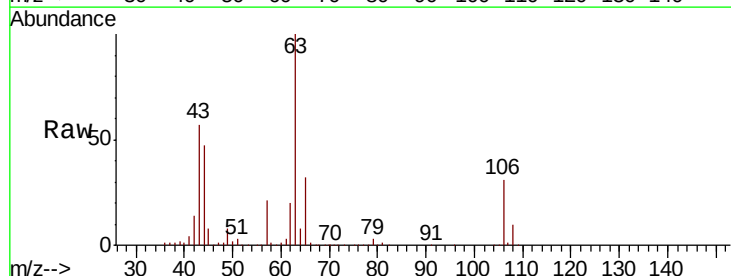
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614WBSD01

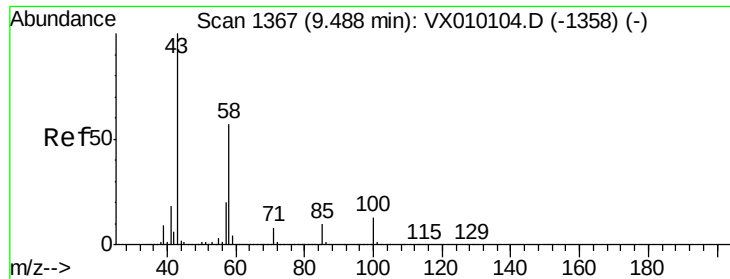
Tot Ion: 76 Resp: 96099
 Ion Ratio Lower Upper
 76 100
 78 33.0 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 79.007 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX010300.D
 Acq: 14 Jun 2019 15:06

Tgt Ion: 63 Resp: 184128
 Ion Ratio Lower Upper
 63 100
 106 31.0 19.4 29.2#

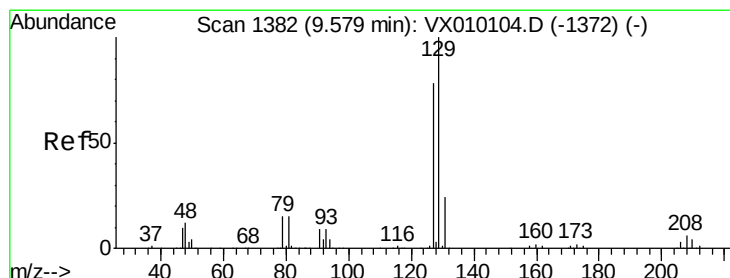
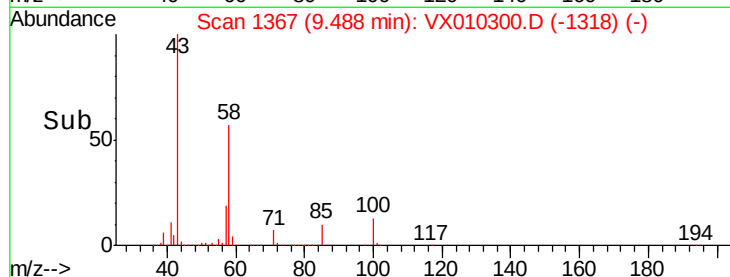
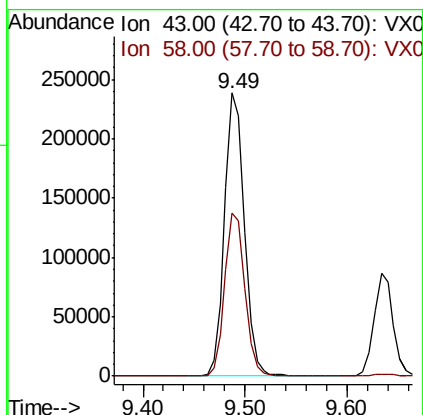
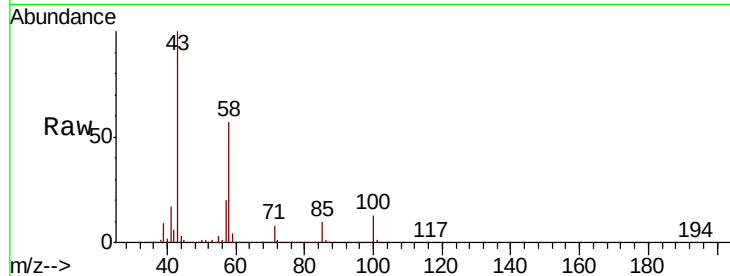




#59
2-Hexanone
Concen: 103.674 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010300.D
Acq: 14 Jun 2019 15:06

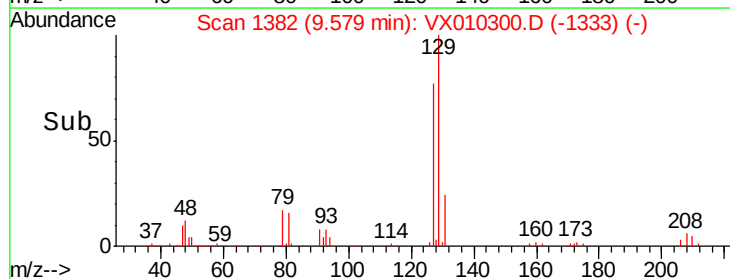
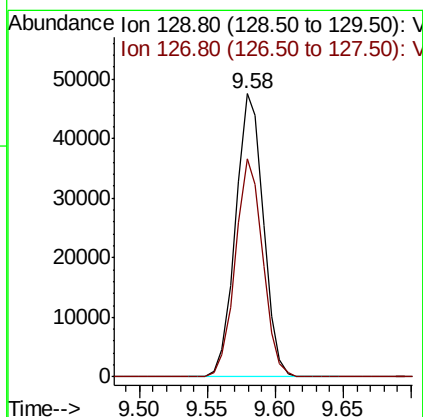
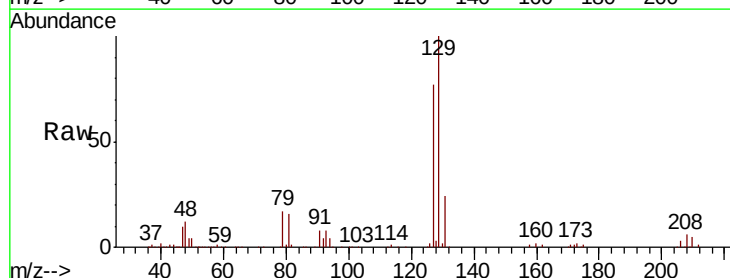
Instrument :
MSVOA_X
ClientSampleId :
VX0614WBSD01

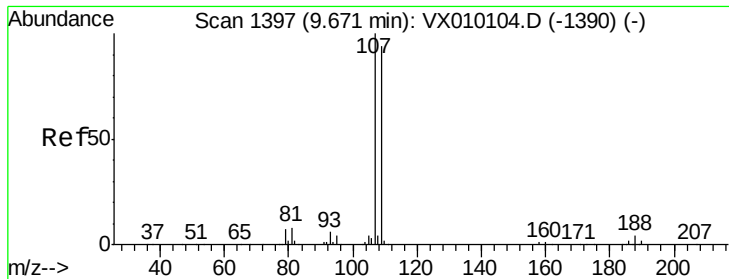
Tot Ion: 43 Resp: 322959
Ion Ratio Lower Upper
43 100
58 58.6 25.1 75.3



#60
Dibromochloromethane
Concen: 18.273 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010300.D
Acq: 14 Jun 2019 15:06

Tgt Ion: 129 Resp: 67640
Ion Ratio Lower Upper
129 100
127 76.0 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.100 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

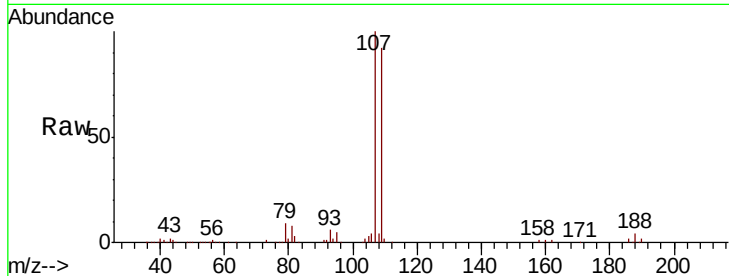
VX0614WBSD01

Tot Ion:107 Resp: 66573

Ion Ratio Lower Upper

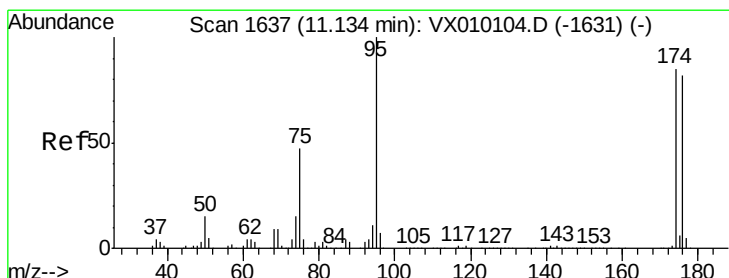
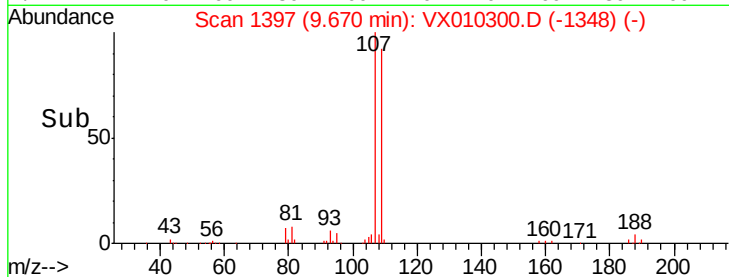
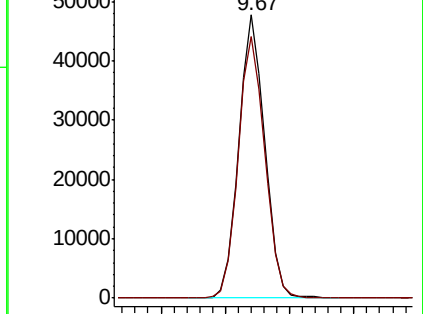
107 100

109 94.6 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.131 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

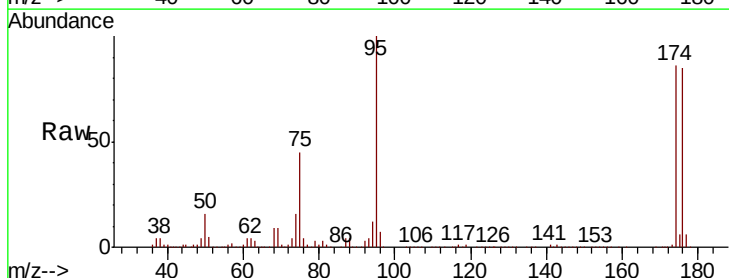
Tgt Ion: 95 Resp: 179545

Ion Ratio Lower Upper

95 100

174 91.6 0.0 160.4

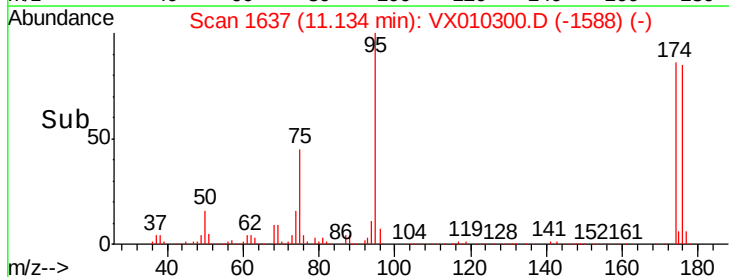
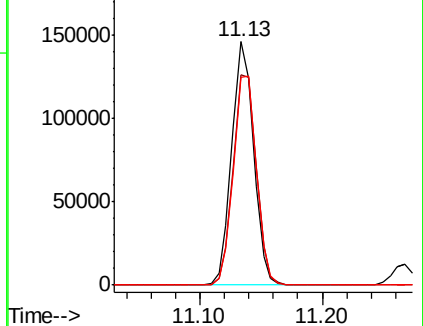
176 90.4 0.0 154.6

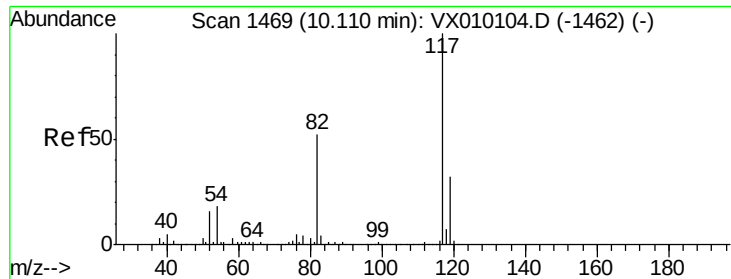


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

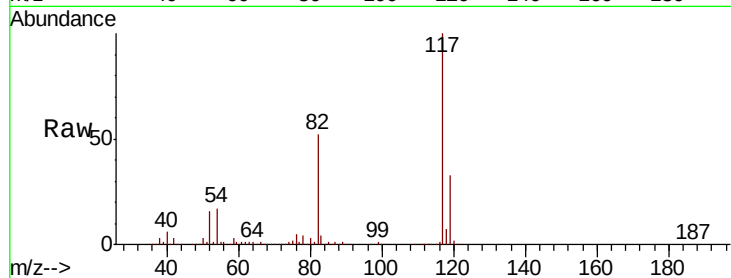




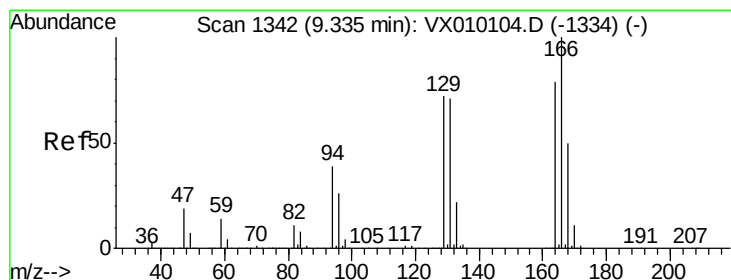
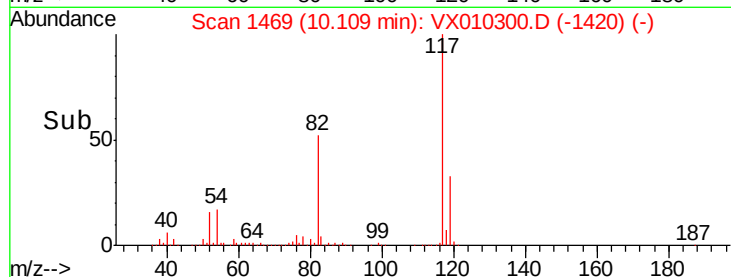
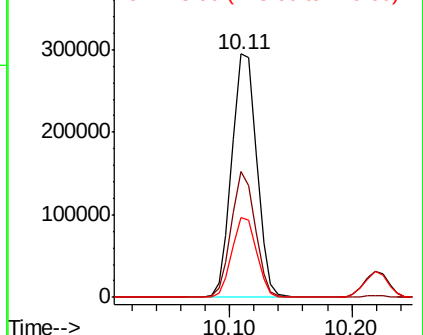
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010300.D
Acq: 14 Jun 2019 15:06

Instrument :
MSVOA_X
ClientSampleId :
VX0614WBSD01

Tot Ion:117 Resp: 415900
Ion Ratio Lower Upper
117 100
82 52.0 49.2 73.8
119 33.0 25.2 37.8

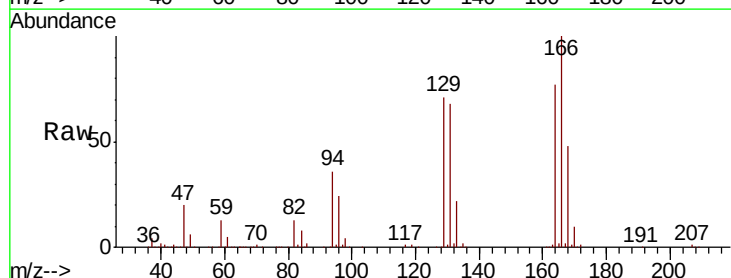


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

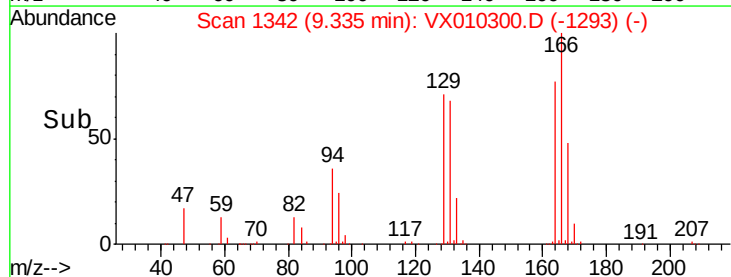
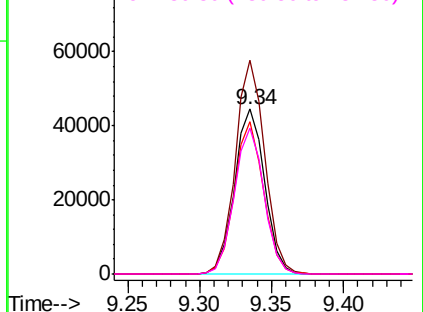


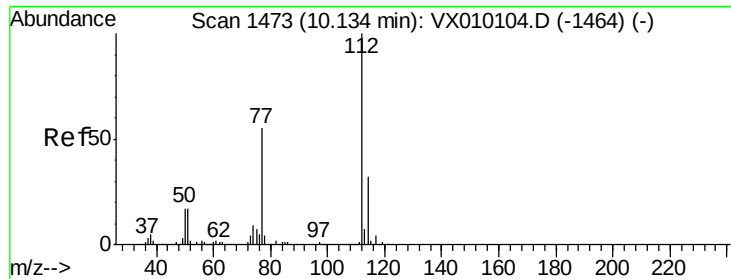
#64
Tetrachloroethene
Concen: 20.905 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010300.D
Acq: 14 Jun 2019 15:06

Tgt Ion:164 Resp: 64576
Ion Ratio Lower Upper
164 100
166 129.6 105.0 157.4
129 92.6 75.1 112.7
131 88.6 72.2 108.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

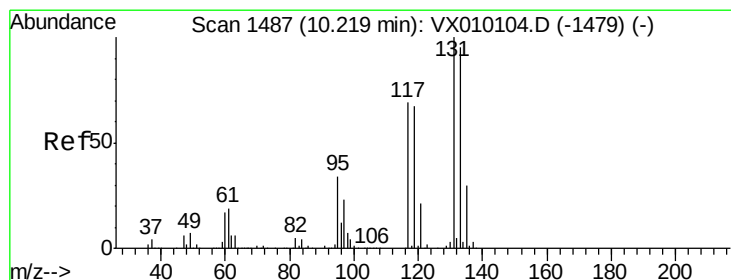
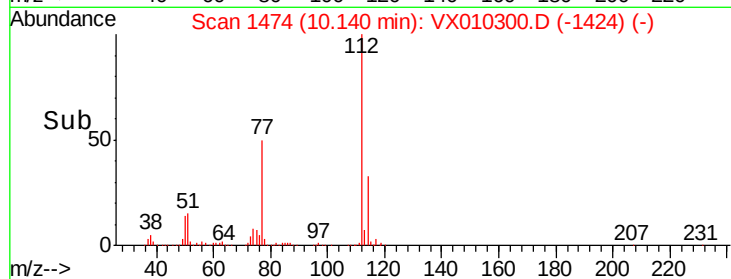
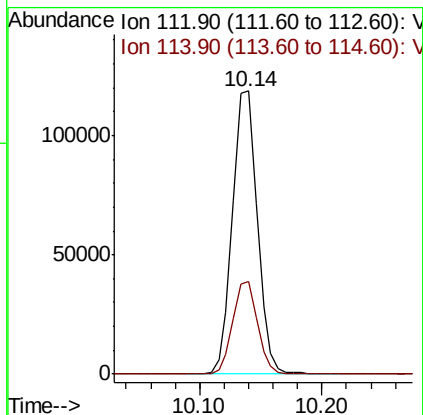
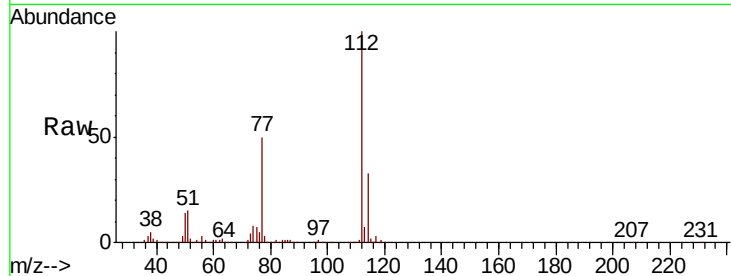




#65
Chlorobenzene
Concen: 19.364 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010300.D
Acq: 14 Jun 2019 15:06

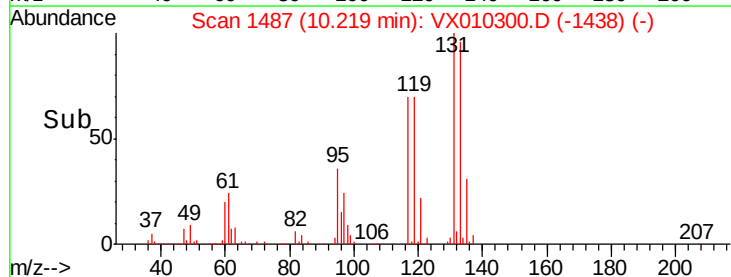
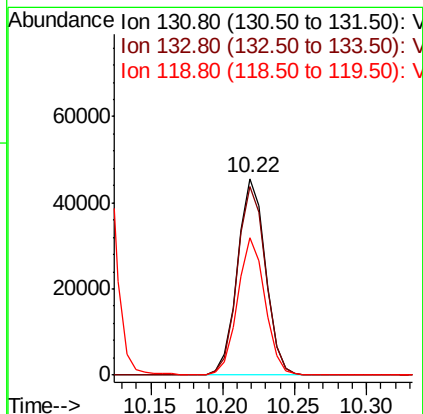
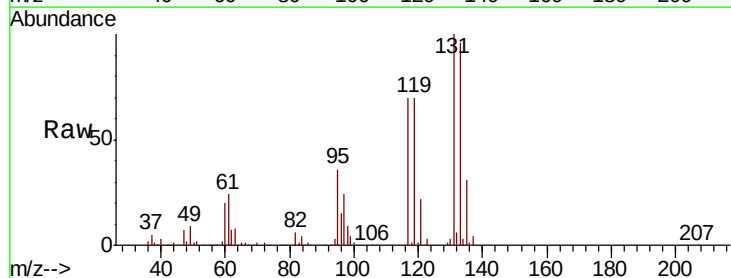
Instrument :
MSVOA_X
ClientSampled :
VX0614WBSD01

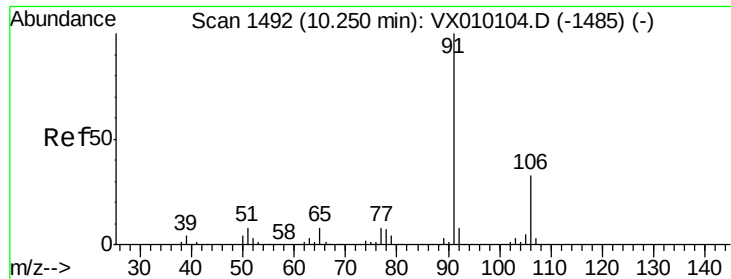
Tot Ion:112 Resp: 166218
Ion Ratio Lower Upper
112 100
114 32.8 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 18.812 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010300.D
Acq: 14 Jun 2019 15:06

Tgt Ion:131 Resp: 62099
Ion Ratio Lower Upper
131 100
133 96.5 47.5 142.6
119 67.7 33.4 100.1

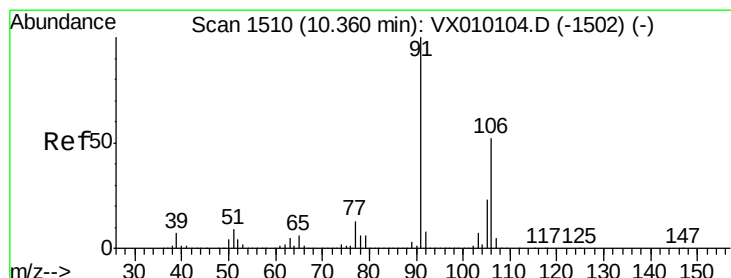
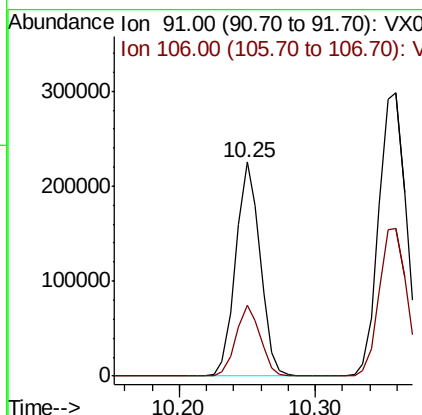
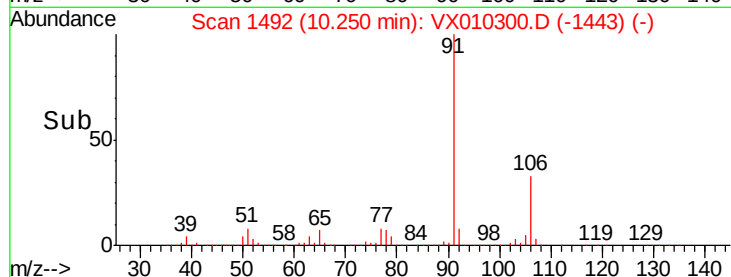
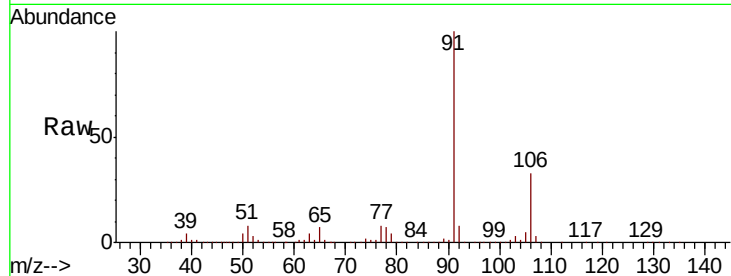




#67
Ethyl Benzene
Concen: 19.301 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010300.D
Acq: 14 Jun 2019 15:06

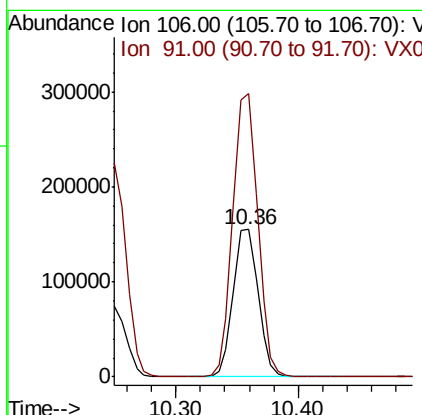
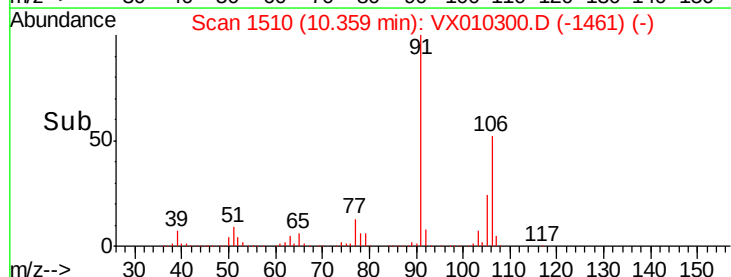
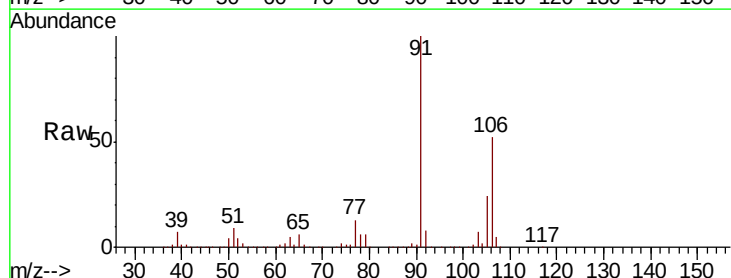
Instrument :
MSVOA_X
ClientSampleId :
VX0614WBSD01

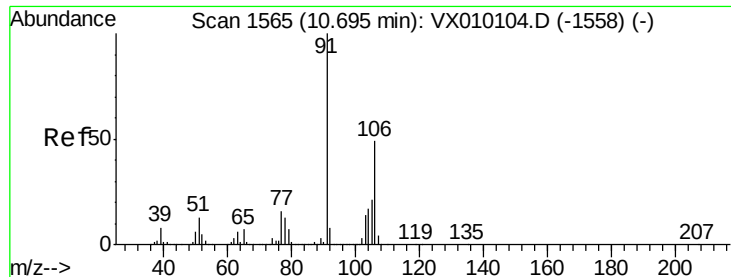
Tot Ion: 91 Resp: 282041
Ion Ratio Lower Upper
91 100
106 33.2 23.9 35.9



#68
m/p-Xylenes
Concen: 38.884 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010300.D
Acq: 14 Jun 2019 15:06

Tgt Ion: 106 Resp: 219875
Ion Ratio Lower Upper
106 100
91 191.8 167.3 250.9

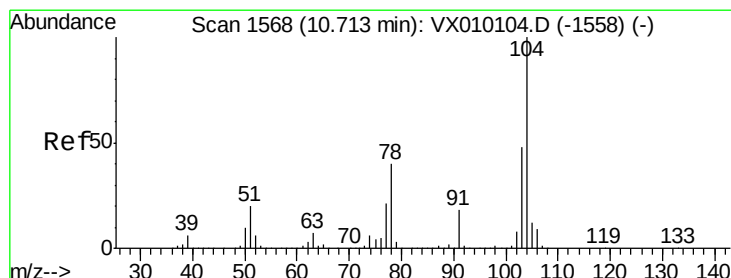
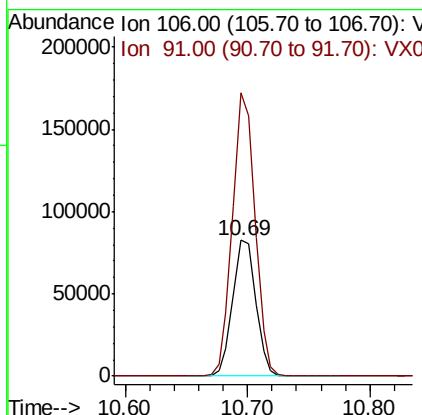
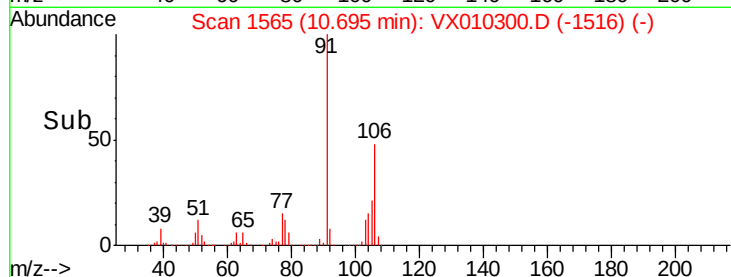
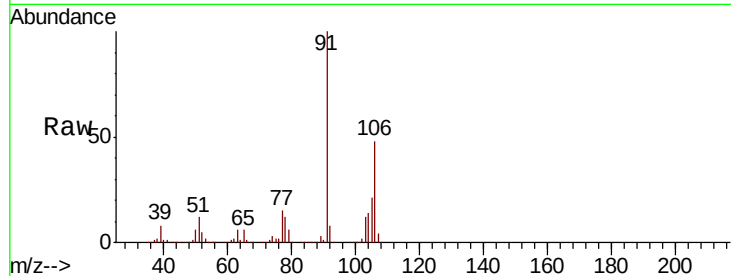




#69
o-Xylene
Concen: 19.323 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010300.D
Acq: 14 Jun 2019 15:06

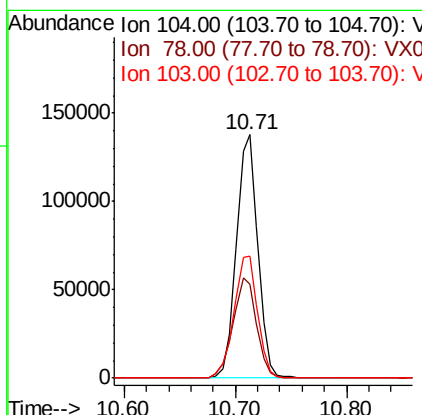
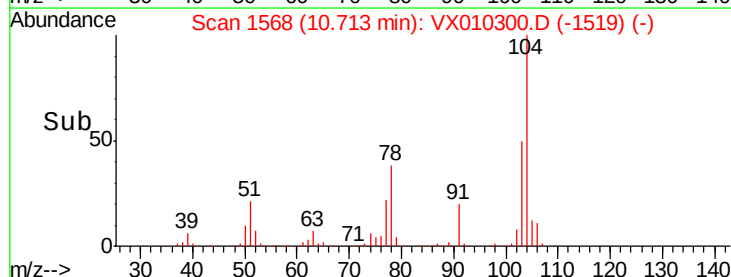
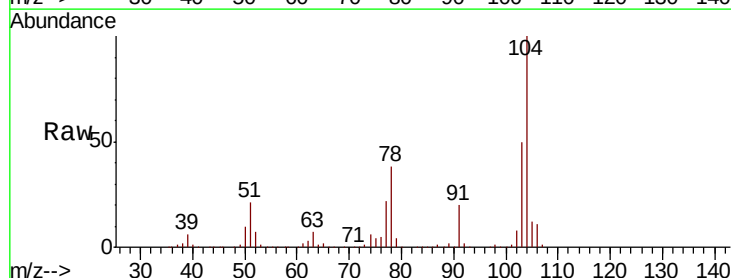
Instrument :
MSVOA_X
ClientSampleId :
VX0614WBSD01

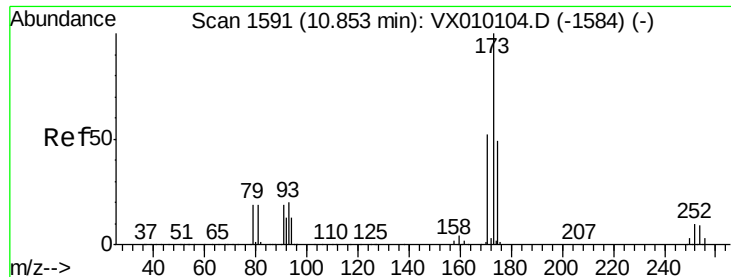
Tot Ion:106 Resp: 108615
Ion Ratio Lower Upper
106 100
91 202.4 110.4 331.2



#70
Styrene
Concen: 19.270 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX010300.D
Acq: 14 Jun 2019 15:06

Tgt Ion:104 Resp: 183448
Ion Ratio Lower Upper
104 100
78 45.6 42.1 63.1
103 55.2 44.1 66.1





#71

Bromoform

Concen: 17.819 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Instrument :

MSVOA_X

ClientSampled :

VX0614WBSD01

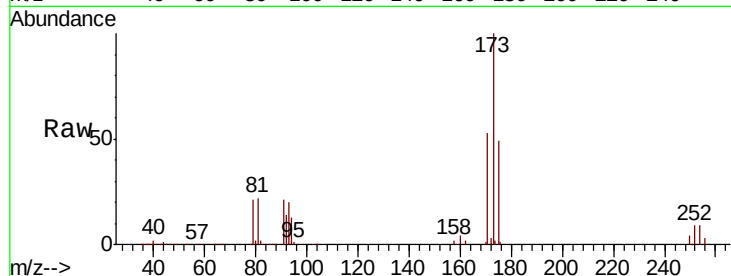
Tot Ion:173 Resp: 54074

Ion Ratio Lower Upper

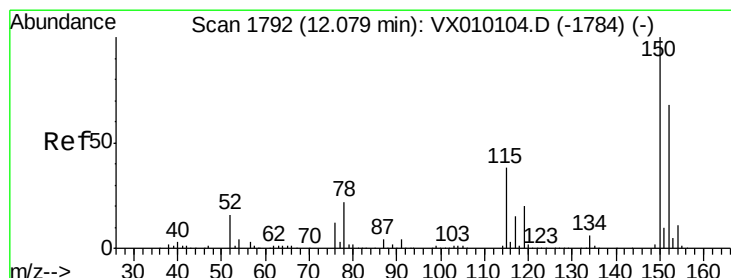
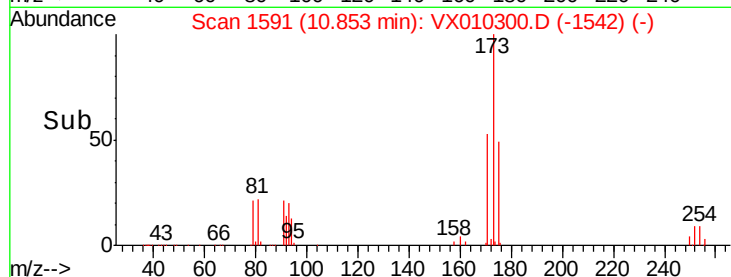
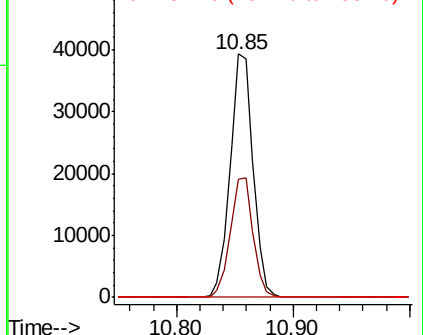
173 100

175 48.6 25.0 75.0

254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

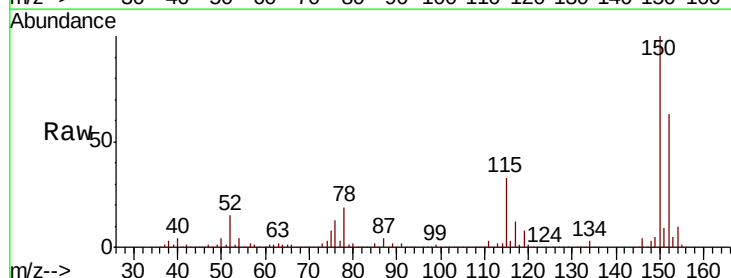
Tgt Ion:152 Resp: 213068

Ion Ratio Lower Upper

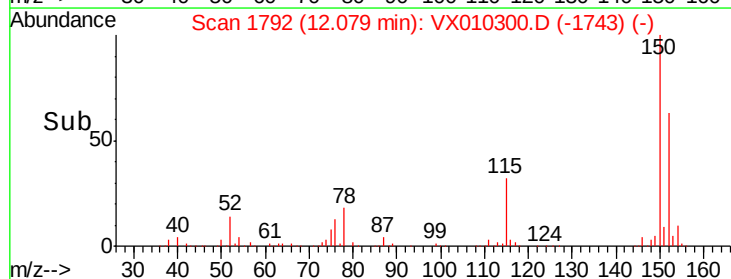
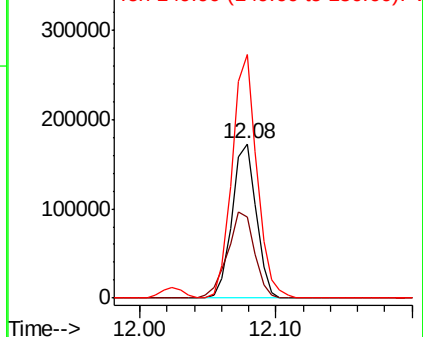
152 100

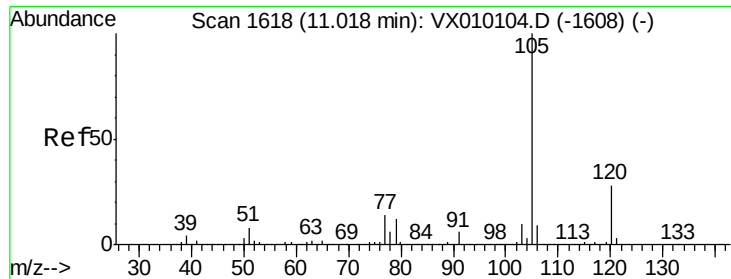
115 62.5 41.4 124.2

150 161.9 0.0 345.2



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: 19.171 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

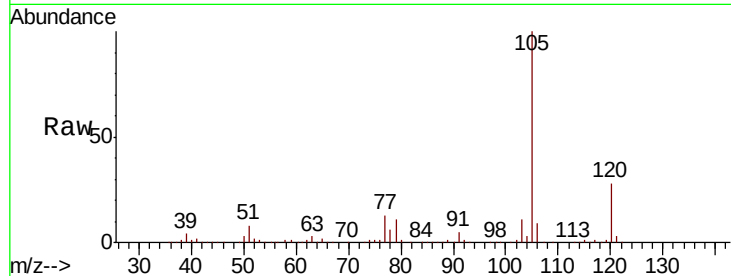
VX0614WBSD01

Tot Ion:105 Resp: 285145

Ion Ratio Lower Upper

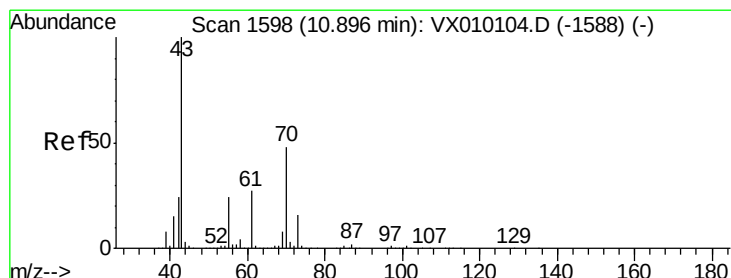
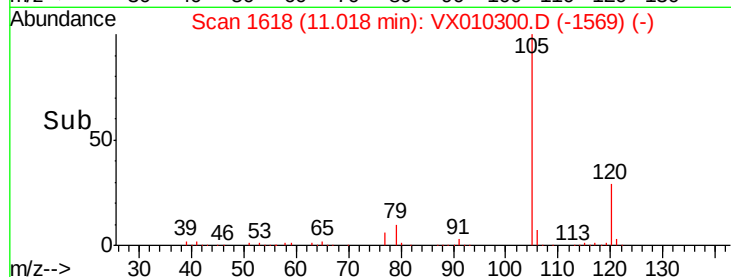
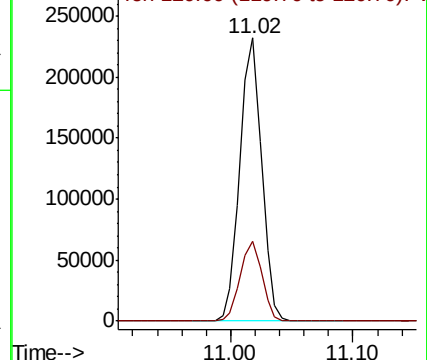
105 100

120 28.4 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.126 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Tgt Ion: 43 Resp: 112454

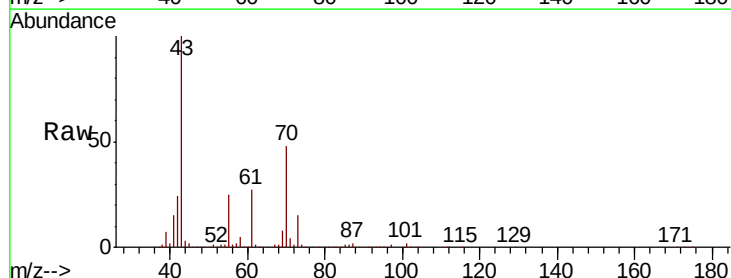
Ion Ratio Lower Upper

43 100

70 46.5 28.6 43.0#

55 24.1 17.8 26.8

61 26.4 17.7 26.5

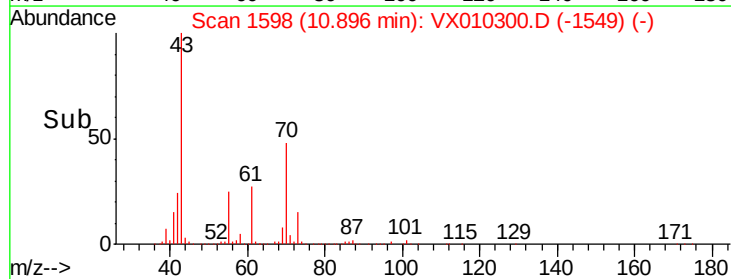
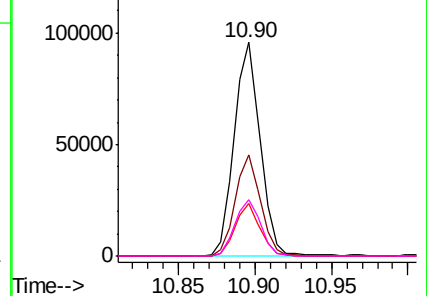


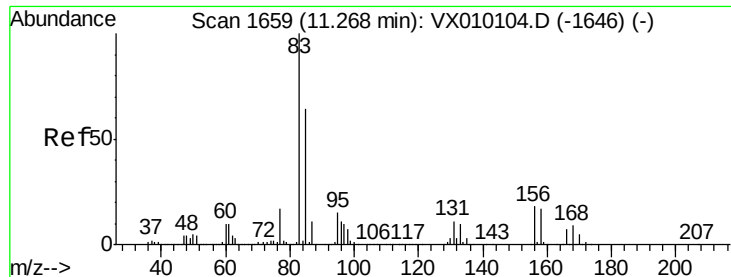
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 19.402 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Instrument :

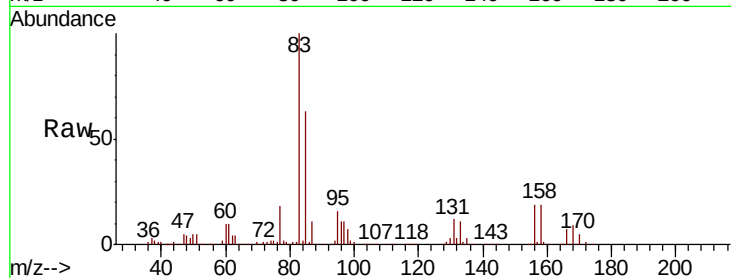
MSVOA_X

ClientSampleId :

VX0614WBSD01

Tot Ion: 83 Resp: 98785

Ion	Ratio	Lower	Upper
83	100		
131	11.1	4.7	14.1
85	64.3	31.9	95.9

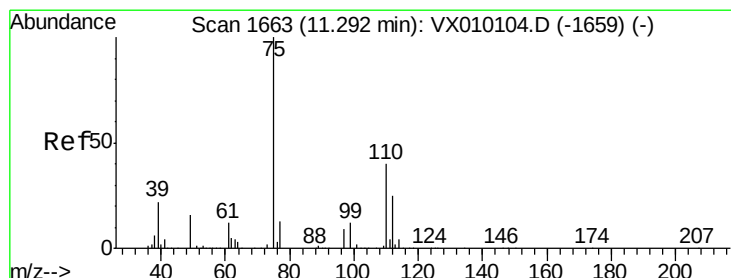
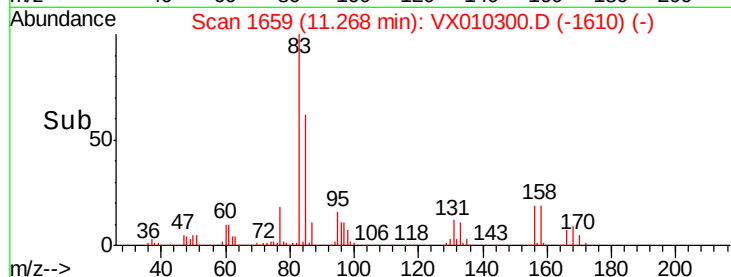
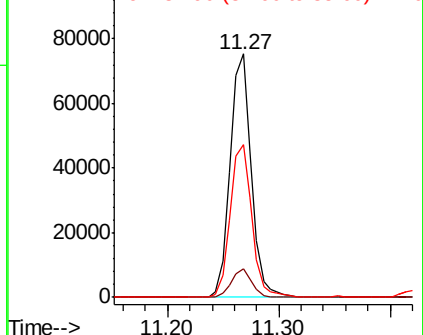


Abundance

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: 25.263 ug/l

RT: 11.29 min Scan# 1663

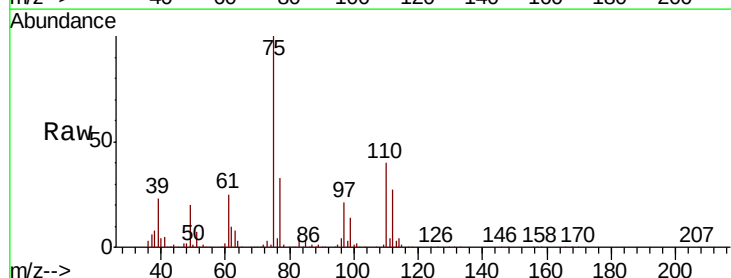
Delta R.T. -0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Tgt Ion: 75 Resp: 107665

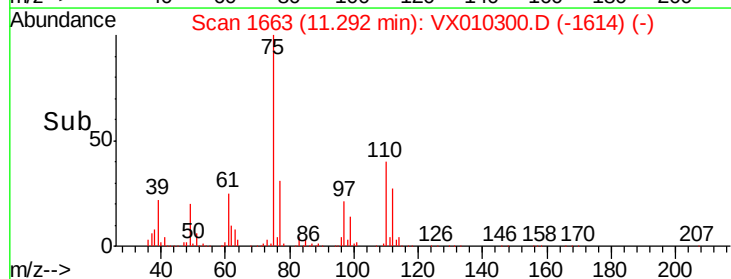
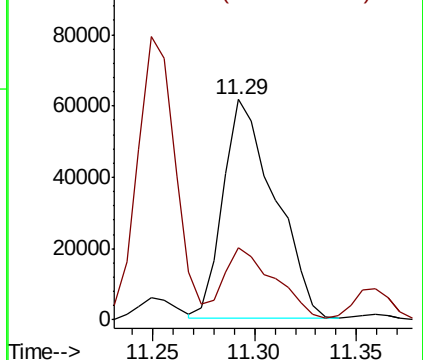
Ion	Ratio	Lower	Upper
75	100		
77	33.2	22.1	66.1

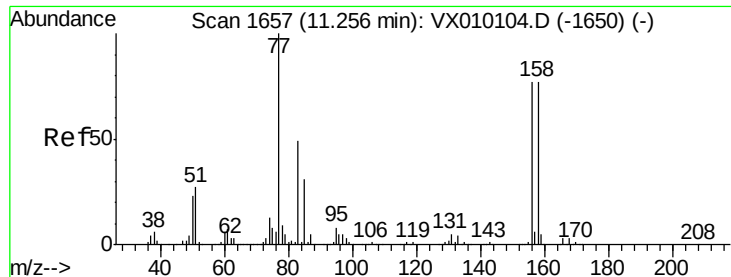


Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.120 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

VX0614WBSD01

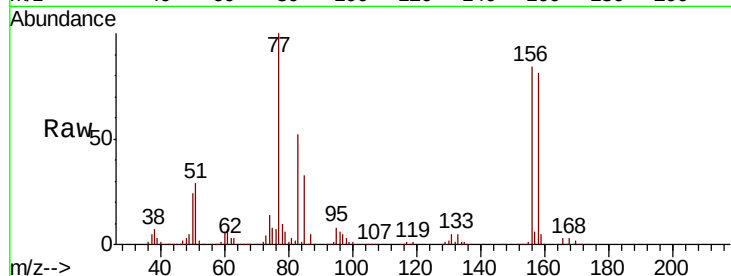
Tot Ion:156 Resp: 78203

Ion Ratio Lower Upper

156 100

77 130.9 86.8 260.3

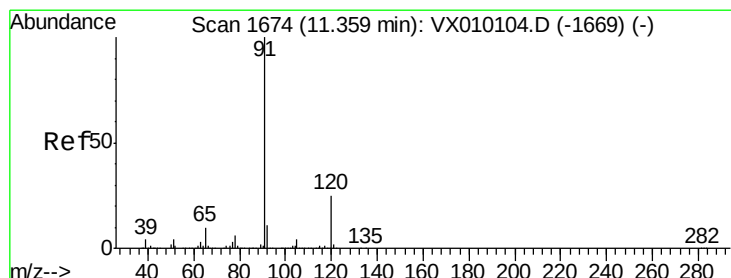
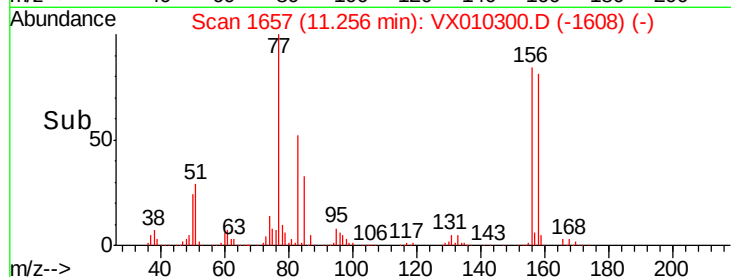
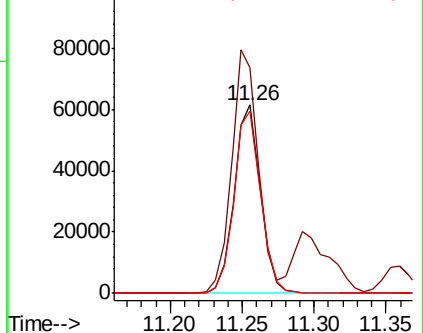
158 98.4 49.6 148.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.943 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010300.D

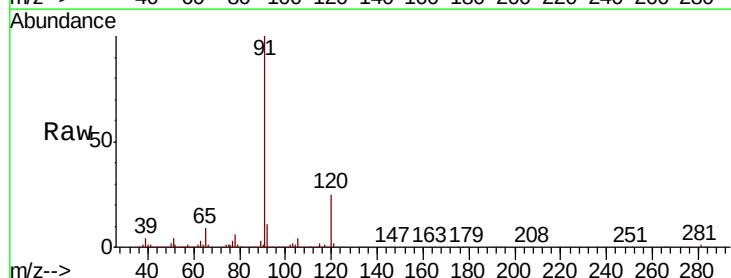
Acq: 14 Jun 2019 15:06

Tgt Ion: 91 Resp: 313670

Ion Ratio Lower Upper

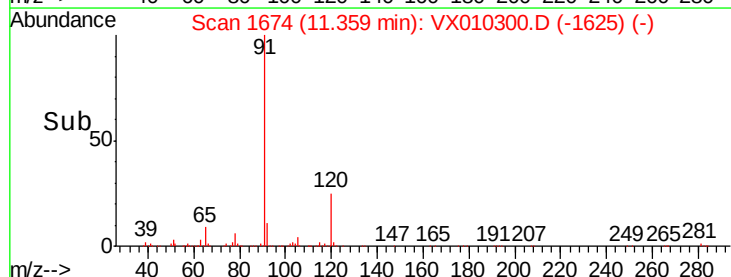
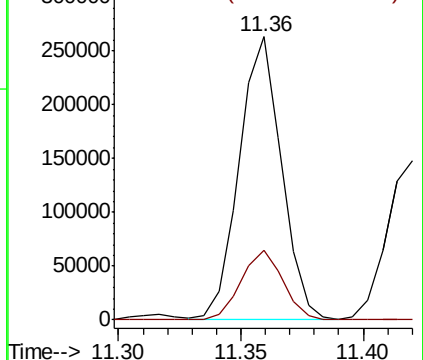
91 100

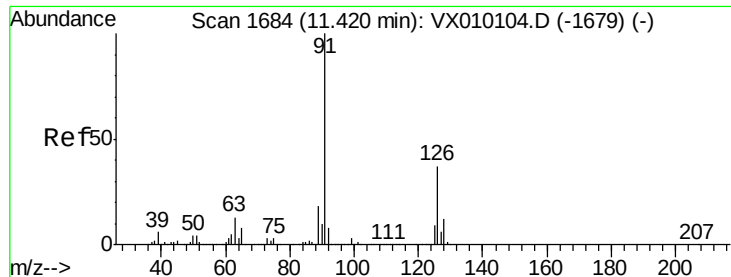
120 24.8 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.622 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

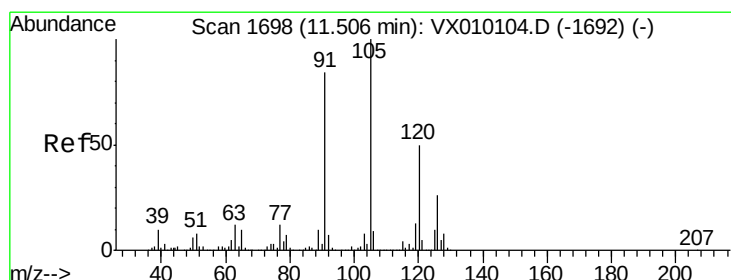
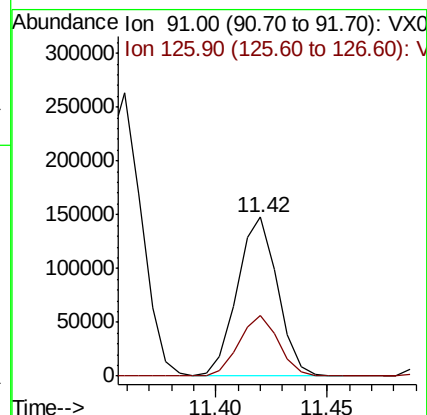
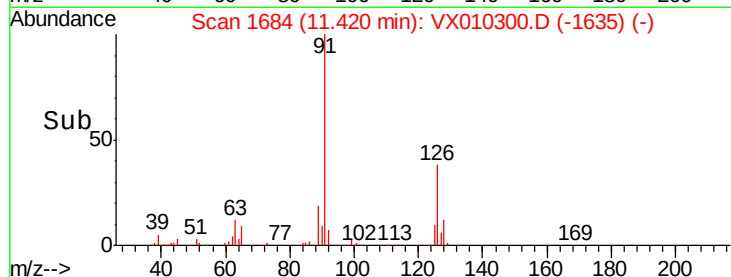
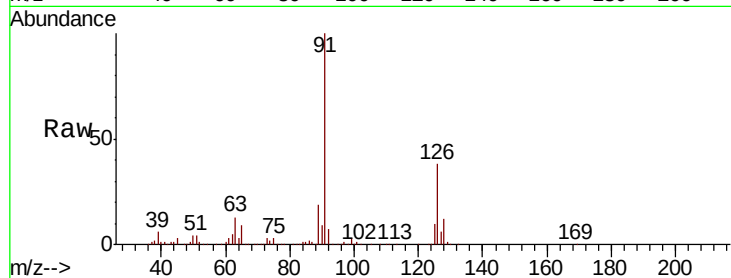
VX0614WBSD01

Tot Ion: 91 Resp: 185193

Ion Ratio Lower Upper

91 100

126 37.7 16.1 48.3



#80

1,3,5-Trimethylbenzene

Concen: 18.979 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010300.D

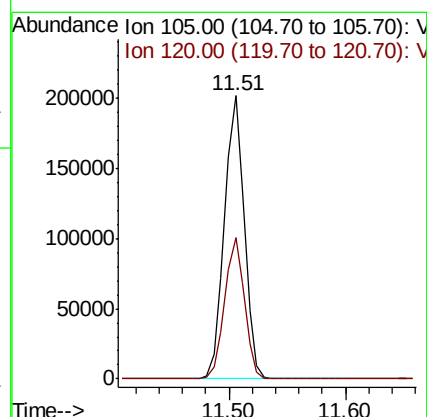
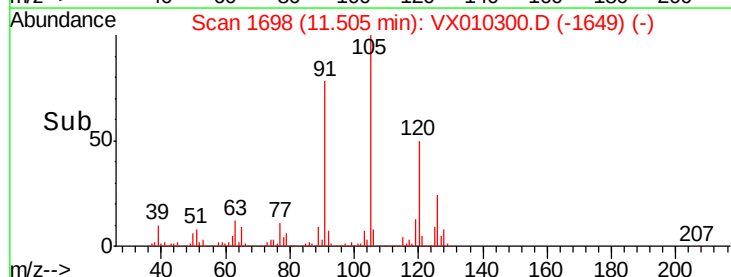
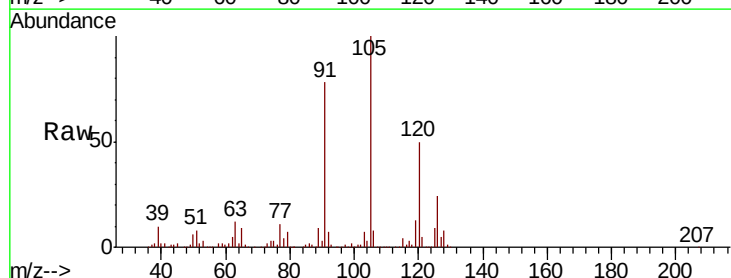
Acq: 14 Jun 2019 15:06

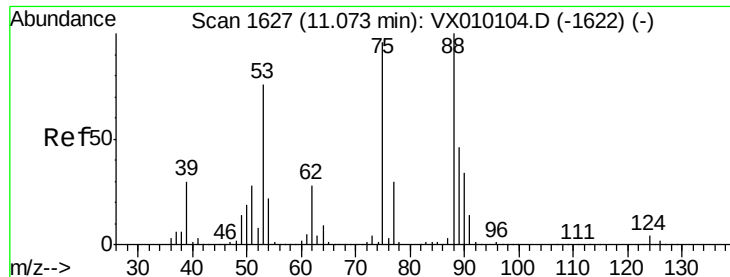
Tgt Ion: 105 Resp: 237765

Ion Ratio Lower Upper

105 100

120 49.7 24.1 72.3

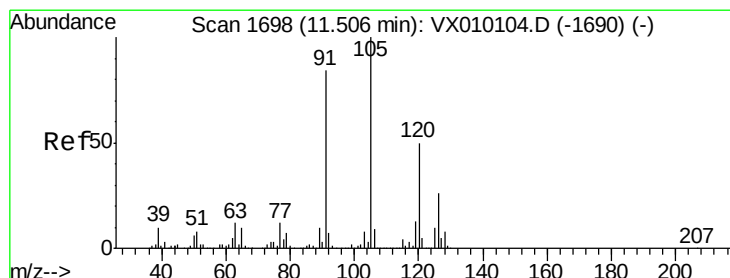
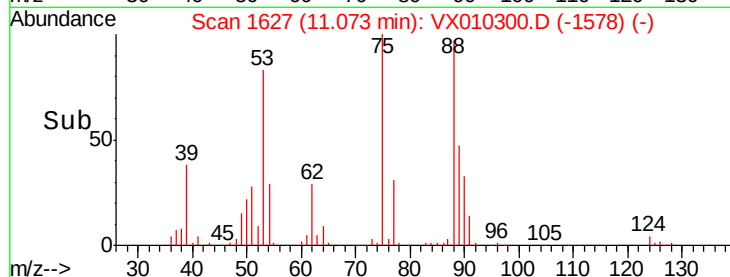
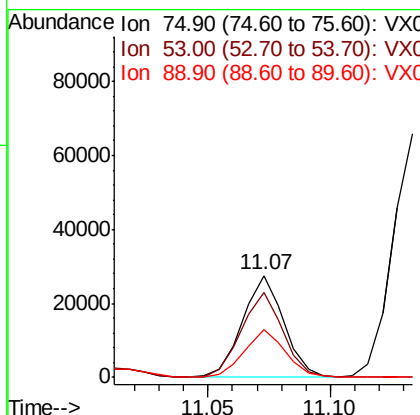
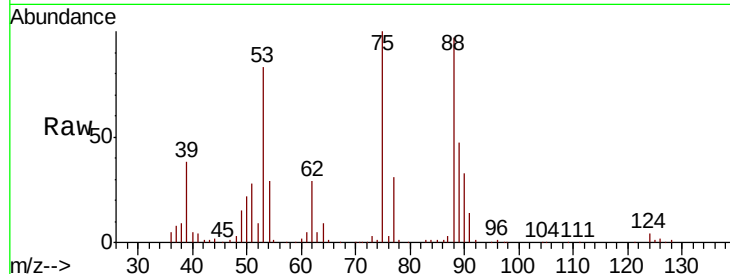




#81
trans-1,4-Dichloro-2-butene
Concen: 16.456 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX010300.D
Acq: 14 Jun 2019 15:06

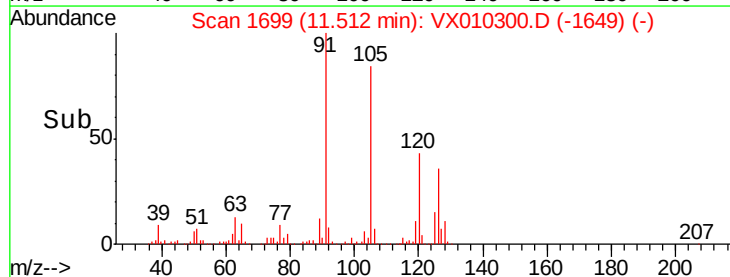
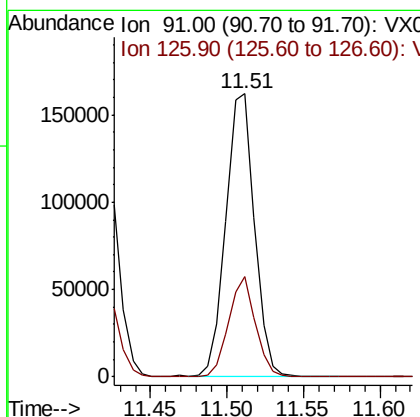
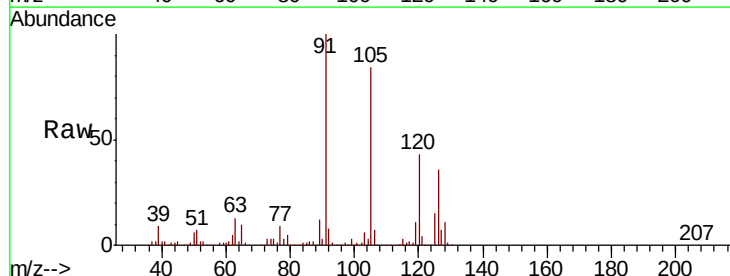
Instrument :
MSVOA_X
ClientSampleId :
VX0614WBSD01

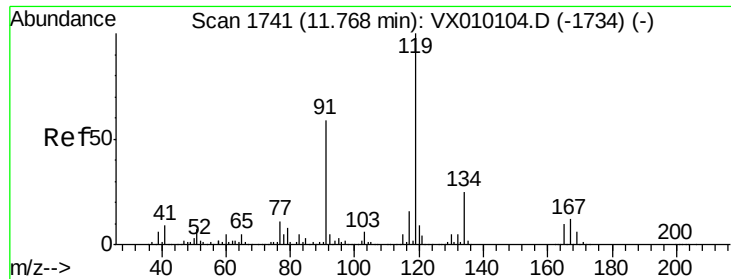
Tot Ion: 75 Resp: 31742
Ion Ratio Lower Upper
75 100
53 85.0 79.8 119.6
89 46.6 34.2 51.4



#82
4-Chlorotoluene
Concen: 18.600 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.01 min
Lab File: VX010300.D
Acq: 14 Jun 2019 15:06

Tgt Ion: 91 Resp: 210127
Ion Ratio Lower Upper
91 100
126 33.2 14.2 42.6

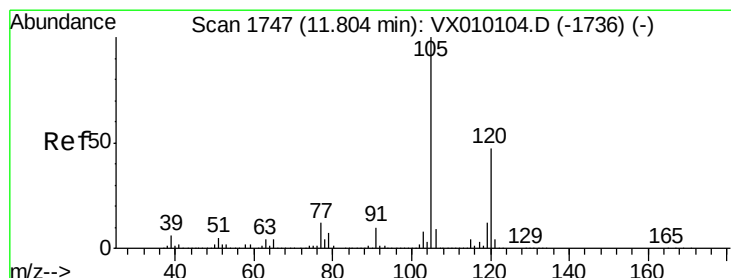
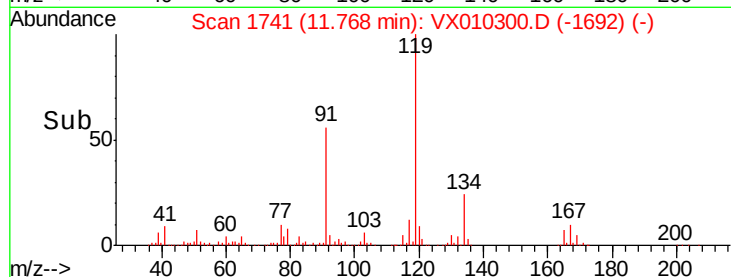
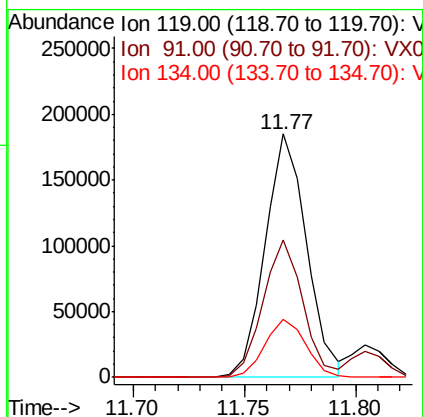
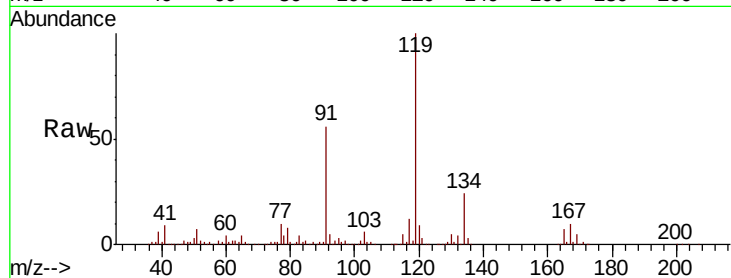




#83
 tert-Butylbenzene
 Concen: 18.856 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX010300.D
 Acq: 14 Jun 2019 15:06

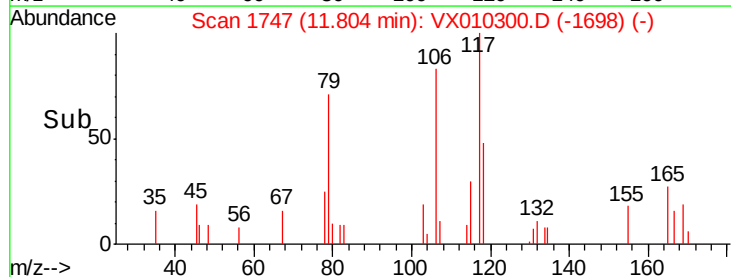
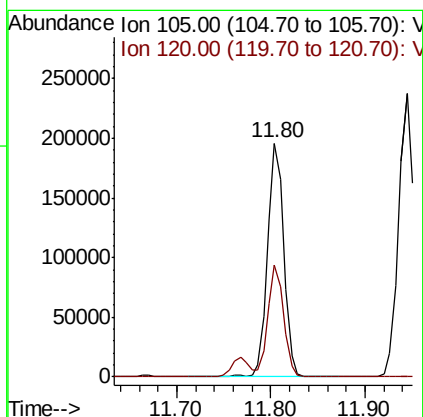
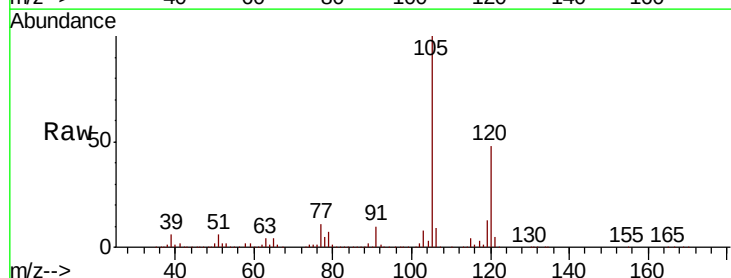
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614WBSD01

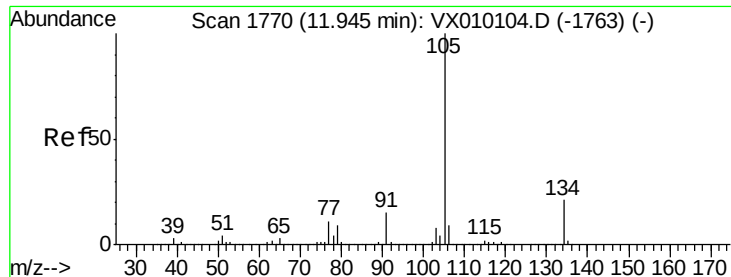
Tot Ion	Ratio	Lower	Upper
119	100		
91	54.4	30.0	90.0
134	23.7	11.2	33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 18.968 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX010300.D
 Acq: 14 Jun 2019 15:06

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.1	66.1





#85

sec-Butylbenzene

Concen: 18.839 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

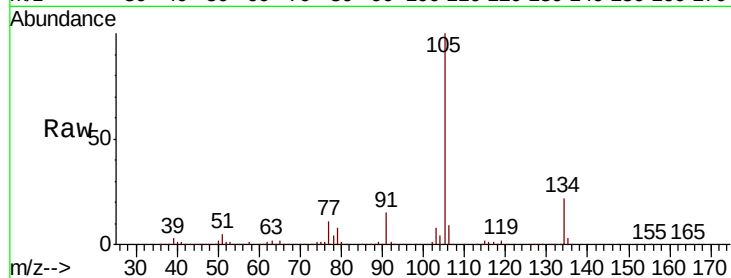
VX0614WBSD01

Tot Ion:105 Resp: 278298

Ion Ratio Lower Upper

105 100

134 21.6 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

250000

200000

150000

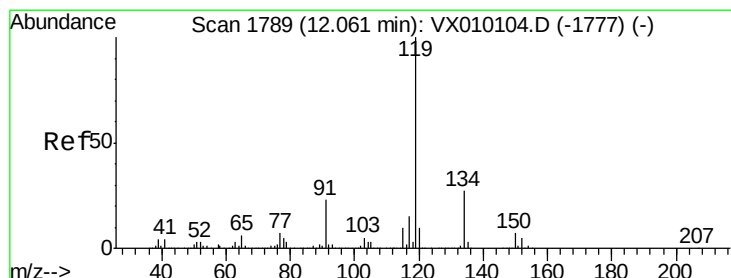
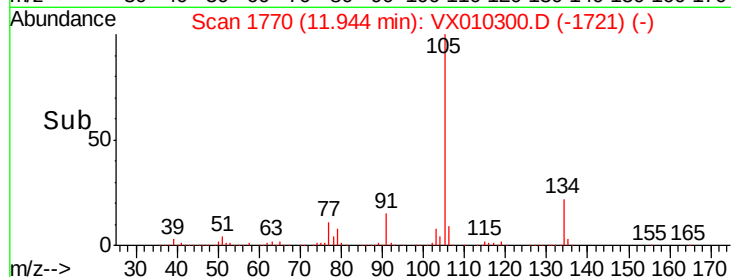
100000

50000

0

Time-->

11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 18.911 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

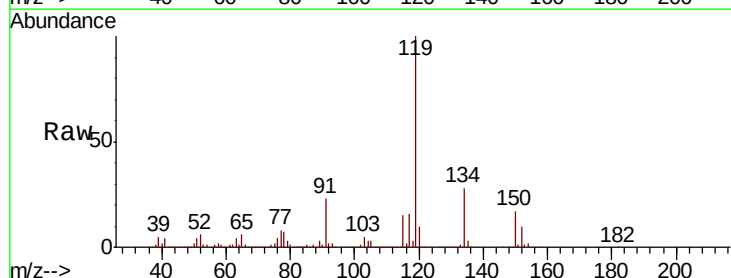
Tgt Ion:119 Resp: 255384

Ion Ratio Lower Upper

119 100

134 28.0 12.9 38.6

91 22.3 11.9 35.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

300000

250000

200000

150000

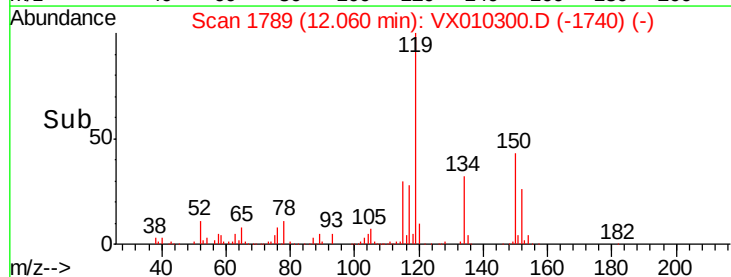
100000

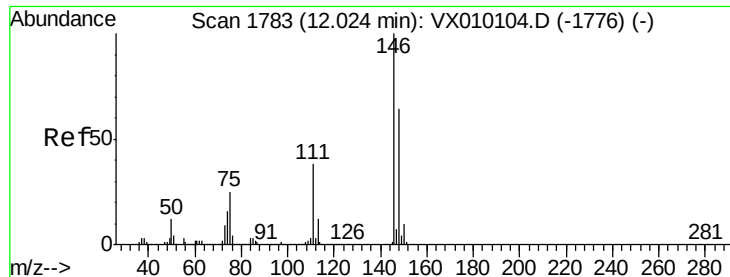
50000

0

Time-->

12.00 12.10 12.20

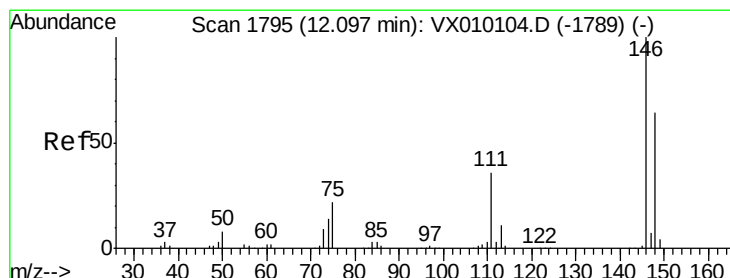
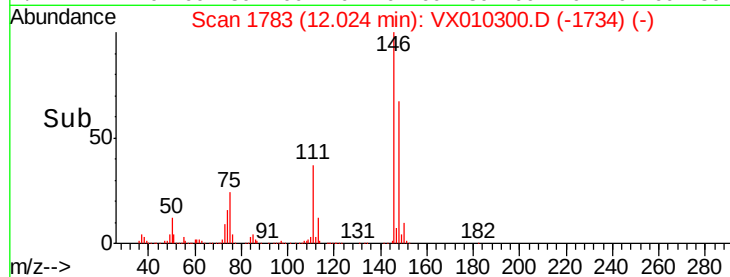
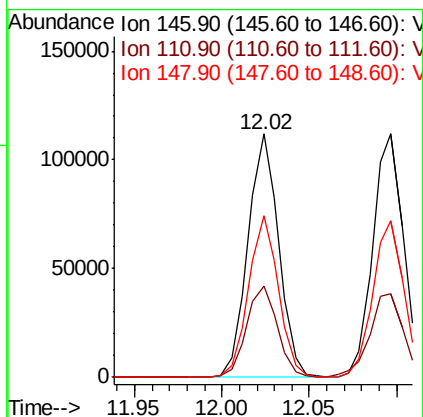
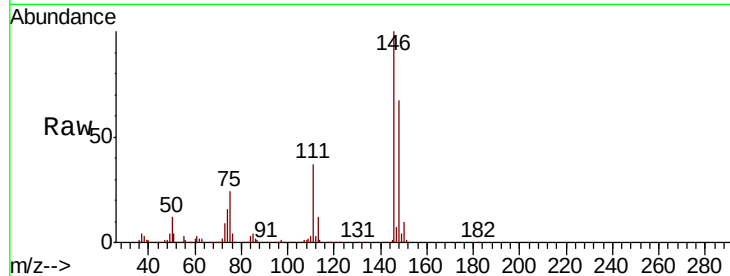




#87
 1,3-Dichlorobenzene
 Concen: 18.969 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010300.D
 Acq: 14 Jun 2019 15:06

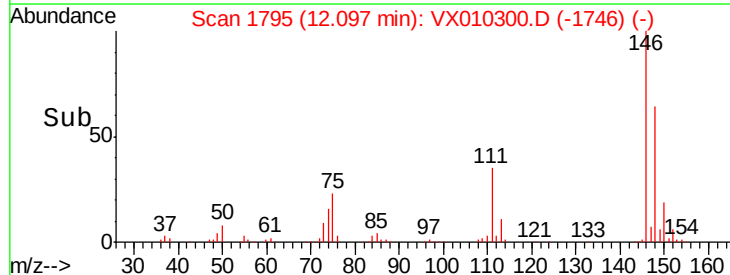
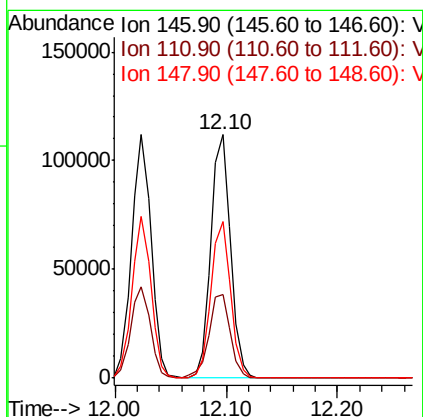
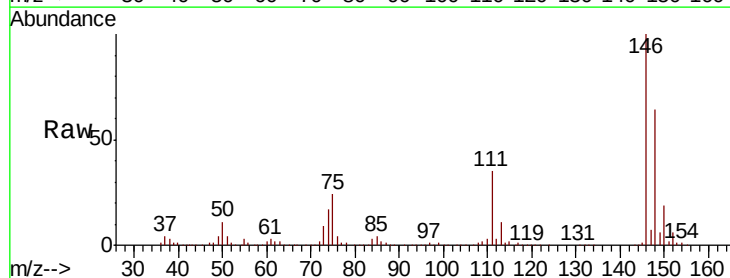
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614WBSD01

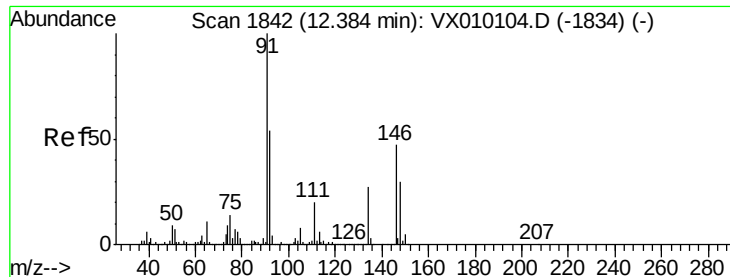
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	20.1	60.2
148	64.6	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 18.905 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010300.D
 Acq: 14 Jun 2019 15:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	20.0	59.9
148	64.0	32.3	96.9

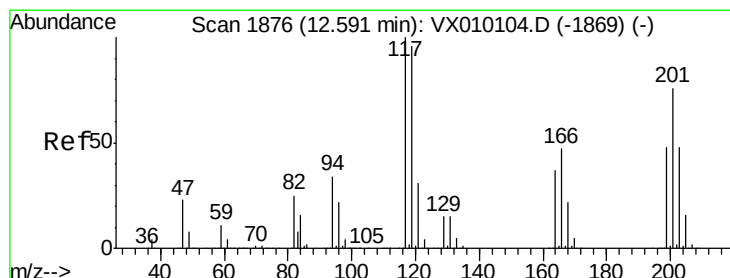
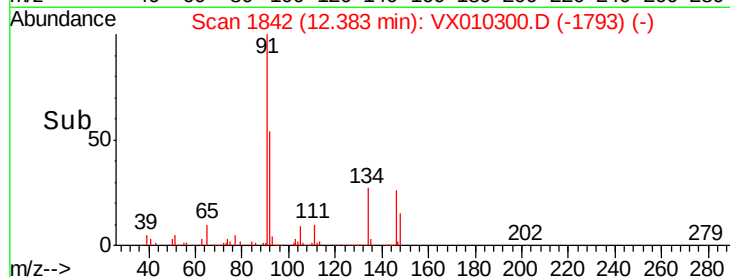
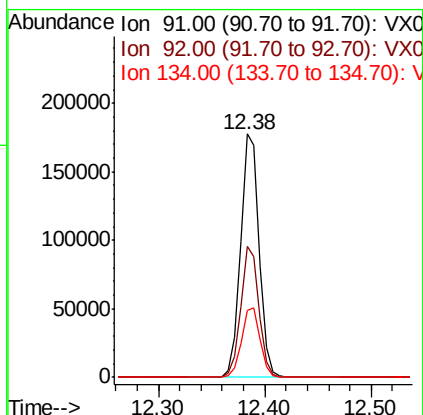
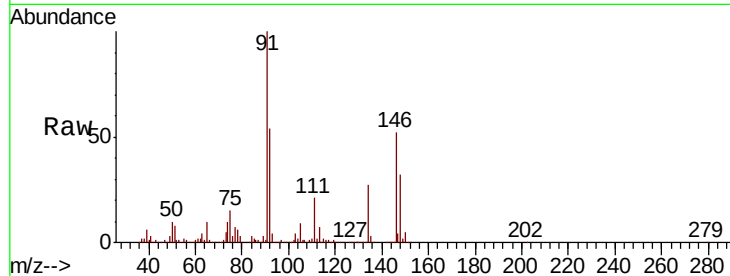




#89
n-Butylbenzene
Concen: 18.548 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010300.D
Acq: 14 Jun 2019 15:06

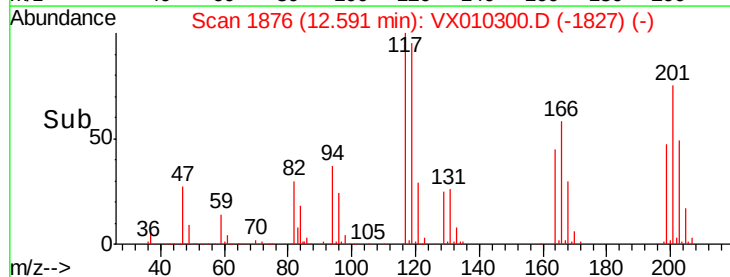
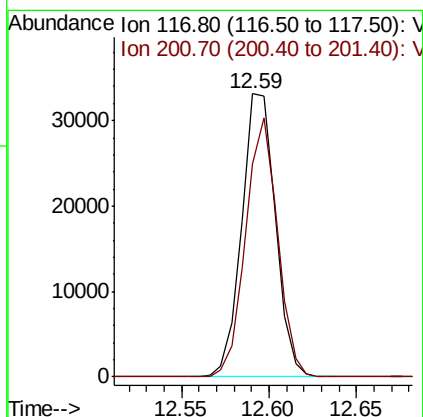
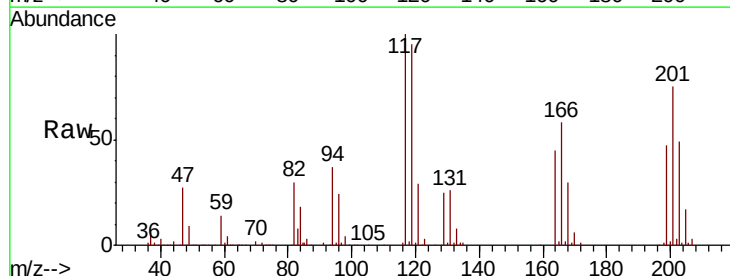
Instrument :
MSVOA_X
ClientSampleId :
VX0614WBSD01

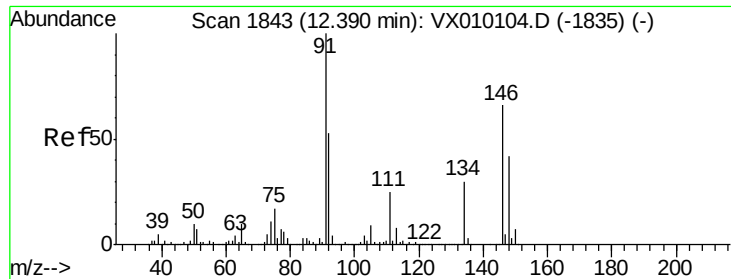
Tot Ion: 91 Resp: 215613
Ion Ratio Lower Upper
91 100
92 52.7 26.3 78.8
134 28.8 12.3 36.8



#90
Hexachloroethane
Concen: 16.532 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX010300.D
Acq: 14 Jun 2019 15:06

Tgt Ion: 117 Resp: 44474
Ion Ratio Lower Upper
117 100
201 86.7 43.6 130.9

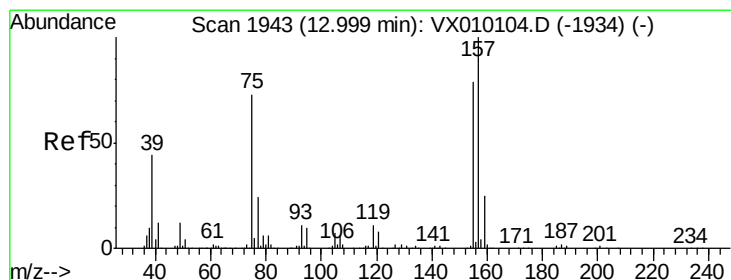
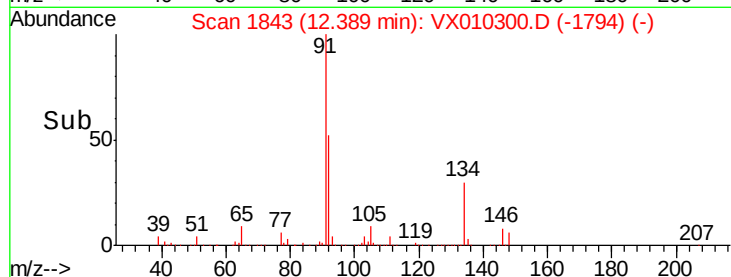
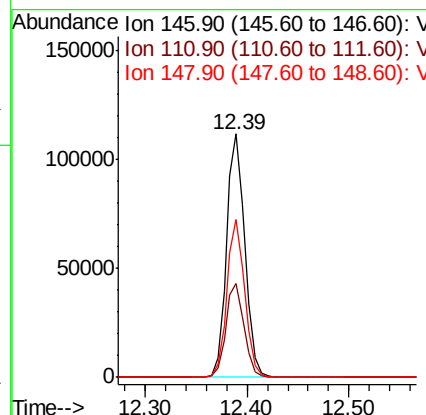
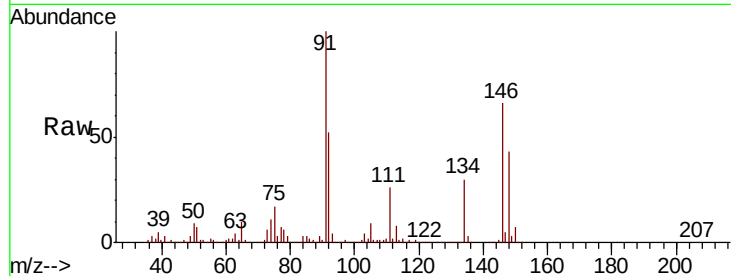




#91
 1,2-Dichlorobenzene
 Concen: 19.885 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010300.D
 Acq: 14 Jun 2019 15:06

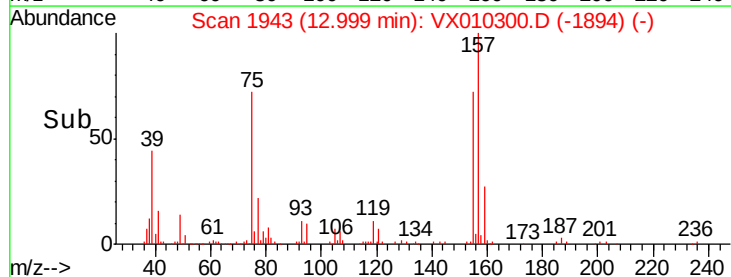
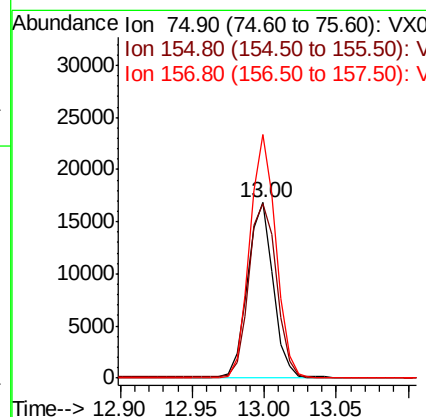
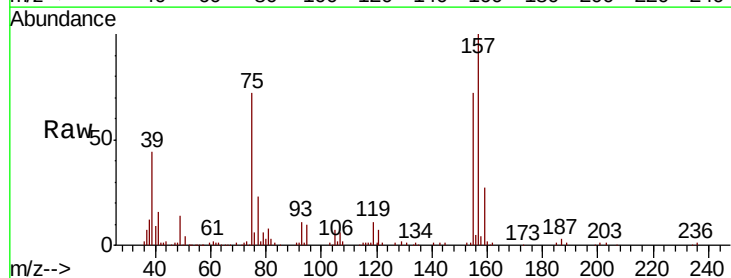
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614WBSD01

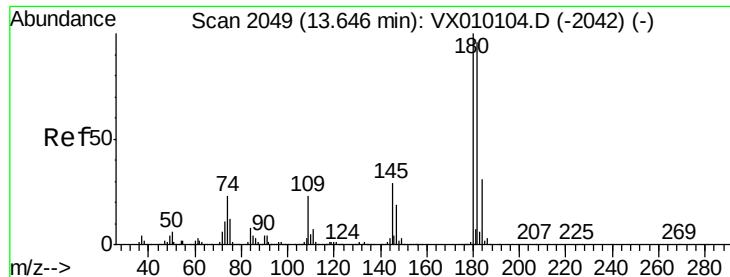
Tot Ion:146 Resp: 139277
 Ion Ratio Lower Upper
 146 100
 111 38.4 21.1 63.1
 148 63.2 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.371 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010300.D
 Acq: 14 Jun 2019 15:06

Tgt Ion: 75 Resp: 20812
 Ion Ratio Lower Upper
 75 100
 155 107.6 39.3 117.8
 157 139.4 50.6 151.8

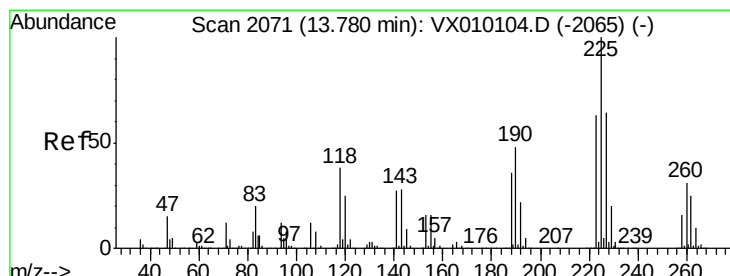
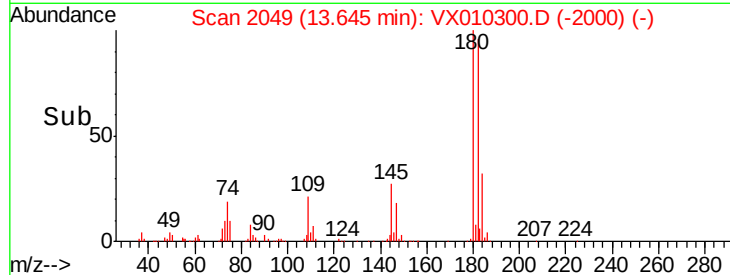
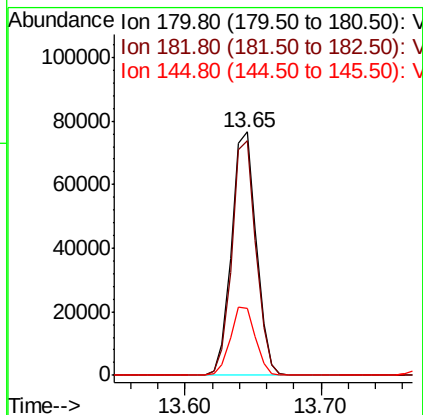
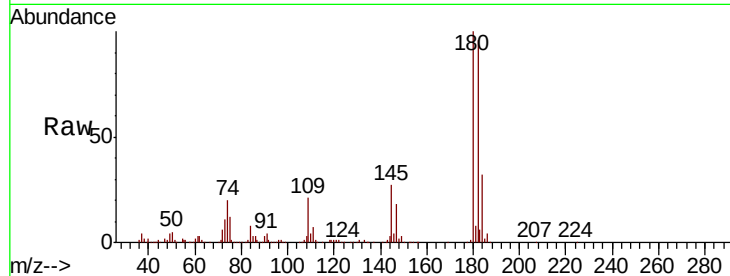




#93
 1,2,4-Trichlorobenzene
 Concen: 18.883 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010300.D
 Acq: 14 Jun 2019 15:06

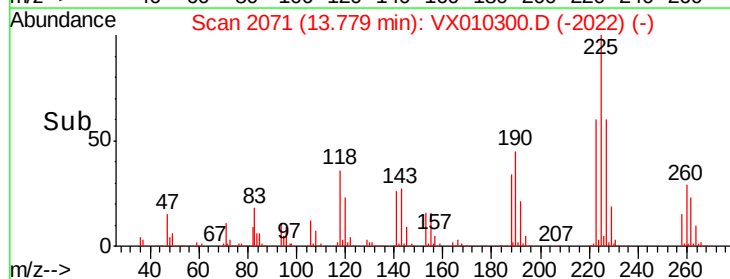
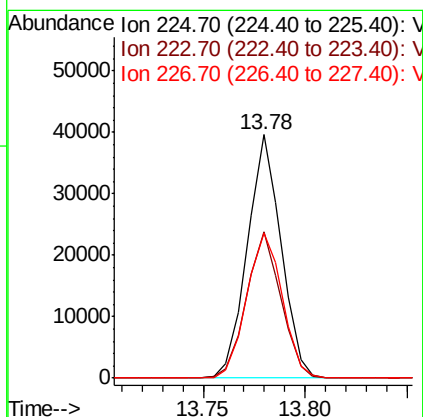
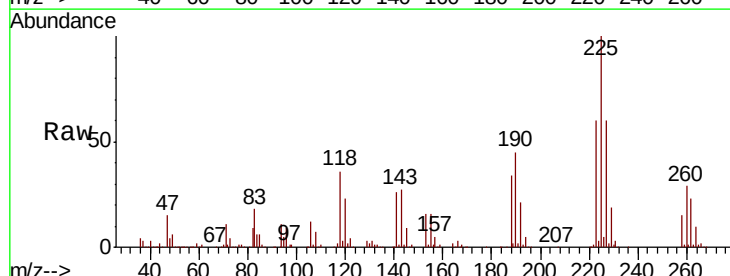
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614WBSD01

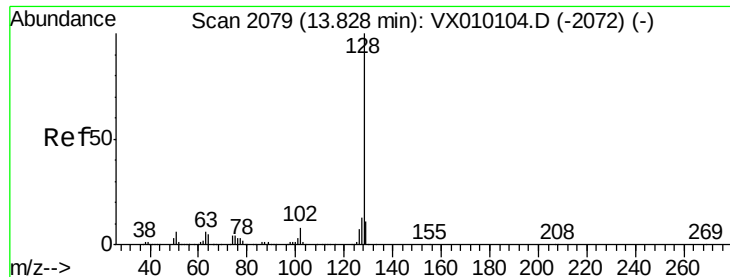
Tot Ion:180 Resp: 96809
 Ion Ratio Lower Upper
 180 100
 182 94.2 47.4 142.2
 145 28.5 14.5 43.5



#94
 Hexachlorobutadiene
 Concen: 20.007 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010300.D
 Acq: 14 Jun 2019 15:06

Tgt Ion:225 Resp: 45617
 Ion Ratio Lower Upper
 225 100
 223 61.2 31.3 93.8
 227 62.7 32.3 96.8





#95

Naphthalene

Concen: 19.093 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

VX0614WBSD01

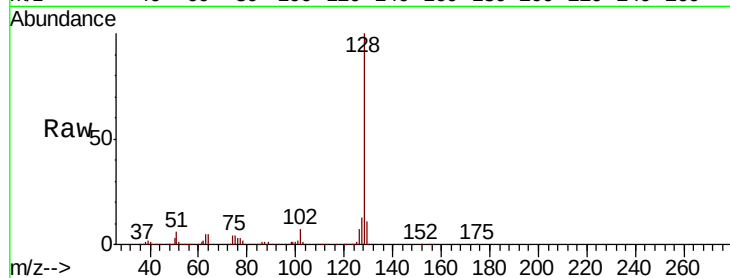
Tot Ion:128 Resp: 308142

Ion Ratio Lower Upper

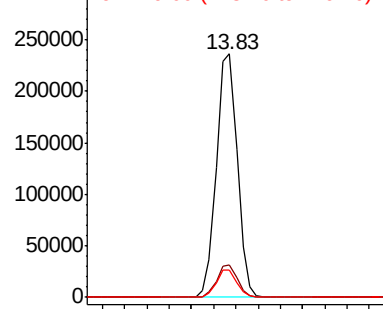
128 100

127 13.0 10.6 16.0

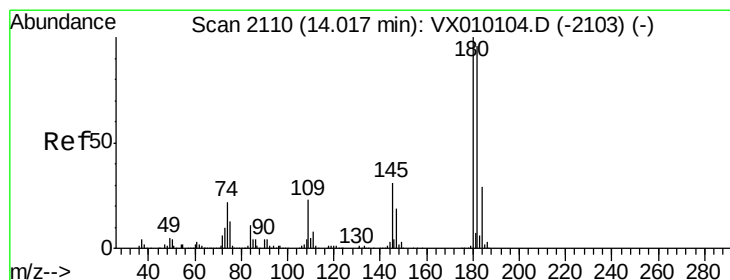
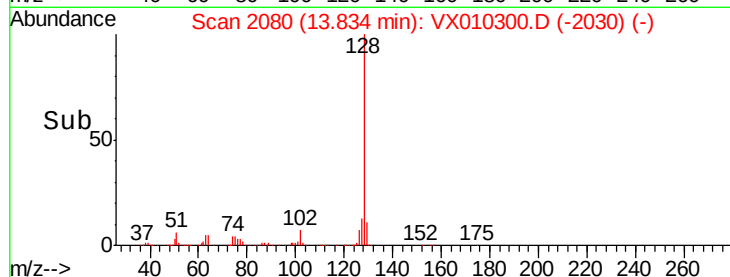
129 11.2 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 19.471 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

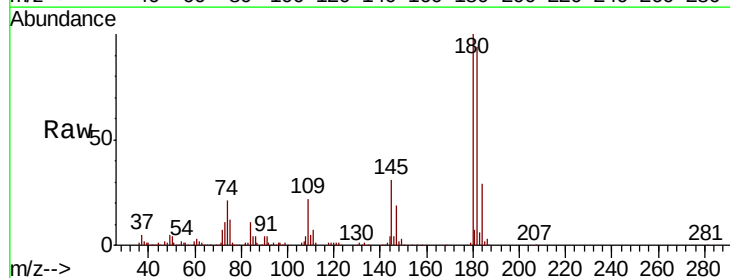
Tgt Ion:180 Resp: 98702

Ion Ratio Lower Upper

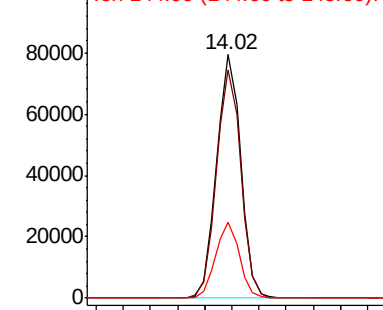
180 100

182 94.4 47.3 142.0

145 30.6 15.6 46.7



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



Time-->

