

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX073019\
 Data File : VX011217.D
 Acq On : 31 Jul 2019 00:41
 Operator : JC/SP
 Sample : VX0730WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBS02

Quant Time: Jul 31 08:46:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	185748	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	280745	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	256120	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	135829	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	95584	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	
35) Dibromofluoromethane	5.49	113	83875	47.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.14%	
50) Toluene-d8	8.71	98	309666	46.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.66%	
62) 4-Bromofluorobenzene	11.13	95	114972	46.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	31480	16.266	ug/l	99
3) Chloromethane	1.33	50	29548	17.298	ug/l	99
4) Vinyl Chloride	1.41	62	31446	18.049	ug/l	98
5) Bromomethane	1.64	94	19169	19.524	ug/l	99
6) Chloroethane	1.72	64	22838	20.627	ug/l	94
7) Trichlorofluoromethane	1.93	101	55297	18.749	ug/l	98
8) Diethyl Ether	2.19	74	18377	18.085	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	30889	18.343	ug/l	99
10) Methyl Iodide	2.51	142	29929	13.544	ug/l	98
11) Tert butyl alcohol	3.04	59	49298	107.121	ug/l	99
12) 1,1-Dichloroethene	2.37	96	29679	17.938	ug/l	95
13) Acrolein	2.29	56	14509	54.567	ug/l	93
14) Allyl chloride	2.73	41	42392	17.640	ug/l	98
15) Acrylonitrile	3.14	53	92064	99.000	ug/l	99
16) Acetone	2.45	43	77003	86.279	ug/l	98
17) Carbon Disulfide	2.57	76	59641	14.053	ug/l	99
18) Methyl Acetate	2.78	43	45117	22.201	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	102086	19.167	ug/l	100
20) Methylene Chloride	2.85	84	34575	18.280	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	30929	17.618	ug/l	98
22) Diisopropyl ether	3.85	45	97178	19.173	ug/l	97
23) Vinyl Acetate	3.82	43	390542	90.939	ug/l	99
24) 1,1-Dichloroethane	3.70	63	54567	18.538	ug/l	97
25) 2-Butanone	4.67	43	123605	96.479	ug/l	98
26) 2,2-Dichloropropane	4.59	77	30935	12.799	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	37320	18.369	ug/l	97
28) Bromochloromethane	5.01	49	27861	20.086	ug/l	97
29) Tetrahydrofuran	5.13	42	78747	97.034	ug/l	100
30) Chloroform	5.21	83	60050	18.874	ug/l	93
31) Cyclohexane	5.58	56	46022	17.153	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	50745	18.435	ug/l	99
36) 1,1-Dichloropropene	5.80	75	40975	17.768	ug/l	99
37) Ethyl Acetate	4.84	43	46386	19.644	ug/l	98
38) Carbon Tetrachloride	5.79	117	42029	17.490	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	48831	16.329	ug/l	97
40) Benzene	6.14	78	129872	18.385	ug/l	100
41) Methacrylonitrile	5.04	41	25248	18.835	ug/l	97
42) 1,2-Dichloroethane	6.19	62	46502	18.933	ug/l	100
43) Isopropyl Acetate	6.44	43	71964	18.534	ug/l	100
44) Trichloroethene	7.21	130	37721	18.040	ug/l	98
45) 1,2-Dichloropropane	7.51	63	34105	18.969	ug/l	98
46) Dibromomethane	7.66	93	24558	19.115	ug/l	98
47) Bromodichloromethane	7.90	83	41758	18.259	ug/l	99
48) Methyl methacrylate	7.77	41	36112	19.092	ug/l	97
49) 1,4-Dioxane	7.74	88	20628	389.874	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	250076	99.357	ug/l	100
52) Toluene	8.78	92	83022	17.891	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	40118	16.315	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	45874	16.765	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	36170	18.930	ug/l	98
56) Ethyl methacrylate	9.18	69	51816	18.539	ug/l	98
57) 1,3-Dichloropropane	9.37	76	56855	18.757	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	128673	96.443	ug/l	98
59) 2-Hexanone	9.49	43	195888	100.343	ug/l	99
60) Dibromochloromethane	9.58	129	35450	17.834	ug/l	100
61) 1,2-Dibromoethane	9.67	107	37135	18.313	ug/l	97
64) Tetrachloroethene	9.34	164	38145	18.932	ug/l	97
65) Chlorobenzene	10.13	112	97226	18.482	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	34937	18.897	ug/l	98
67) Ethyl Benzene	10.25	91	164184	18.336	ug/l	98
68) m/p-Xylenes	10.36	106	125439	36.521	ug/l	99
69) o-Xylene	10.69	106	61878	18.460	ug/l	100
70) Styrene	10.71	104	105099	18.808	ug/l	99
71) Bromoform	10.85	173	24794	16.527	ug/l	98
73) Isopropylbenzene	11.02	105	165984	18.085	ug/l	100
74) N-amyl acetate	10.90	43	63192	18.020	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	56955	18.963	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	57814	23.587	ug/l	84
77) Bromobenzene	11.25	156	45122	17.824	ug/l	97
78) n-propylbenzene	11.36	91	183008	18.047	ug/l	99
79) 2-Chlorotoluene	11.42	91	110886	18.202	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	140759	18.354	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	11905	15.306	ug/l #	86
82) 4-Chlorotoluene	11.51	91	128441	18.115	ug/l	99
83) tert-Butylbenzene	11.77	119	138017	18.322	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	140830	18.219	ug/l	99
85) sec-Butylbenzene	11.94	105	164901	18.682	ug/l	99
86) p-Isopropyltoluene	12.06	119	149242	18.289	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	79971	18.203	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	79988	17.752	ug/l	97
89) n-Butylbenzene	12.38	91	126178	18.074	ug/l	99
90) Hexachloroethane	12.60	117	21297	16.547	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	83106	19.087	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	12016	19.139	ug/l	96

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Quant Title : SW846 8260
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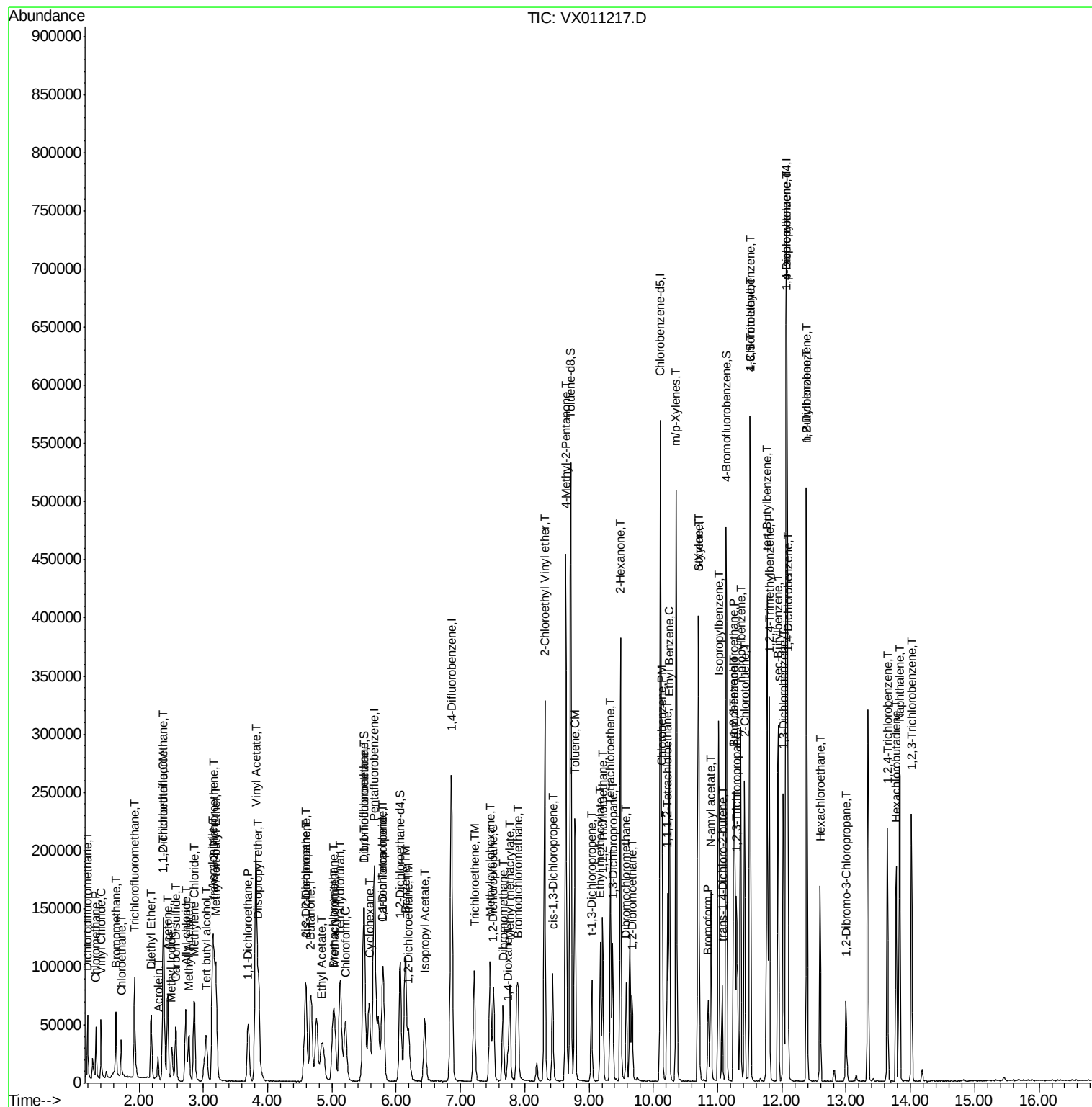
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	55006	18.641	ug/l	97
94) Hexachlorobutadiene	13.78	225	26052	17.816	ug/l	99
95) Naphthalene	13.83	128	175812	20.176	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	56348	19.192	ug/l	99

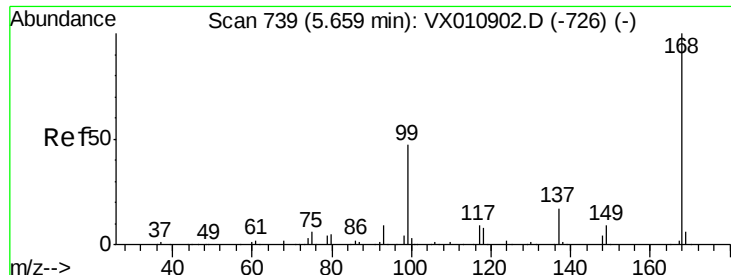
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX011217.D

Acq: 31 Jul 2019 00:41

Instrument :

MSVOA_X

ClientSampleId :

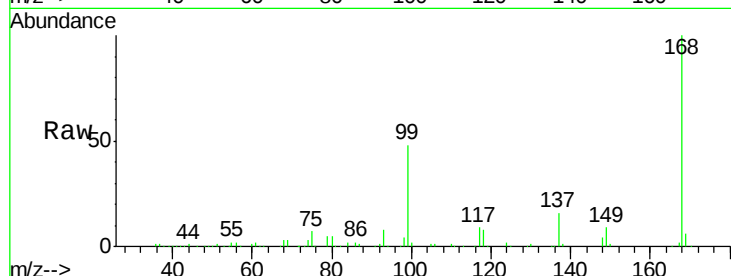
VX0730WBS02

Tgt Ion:168 Resp: 185748

Ion Ratio Lower Upper

168 100

99 48.1 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

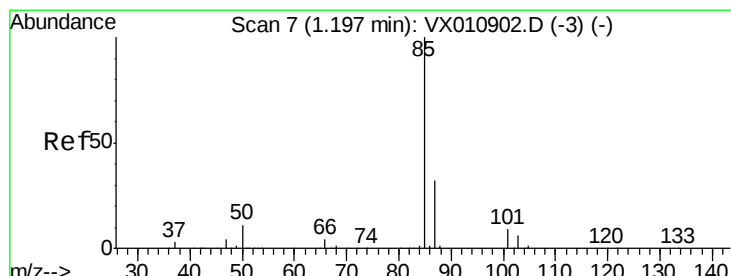
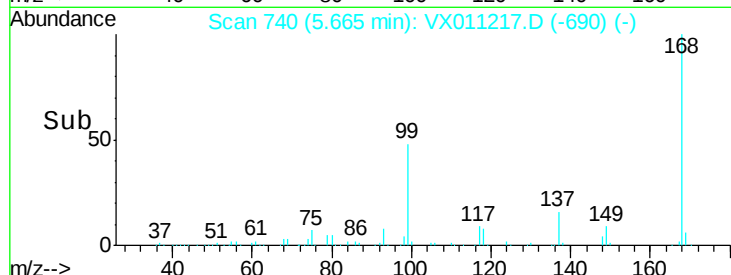
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 16.266 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX011217.D

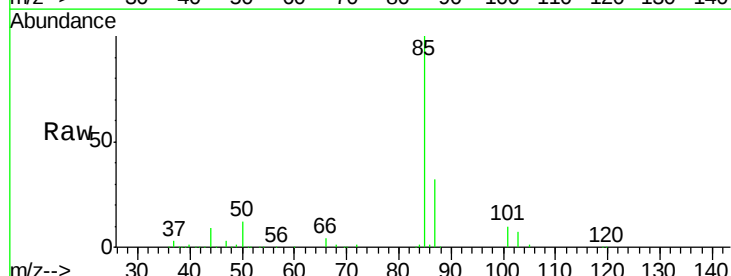
Acq: 31 Jul 2019 00:41

Tgt Ion: 85 Resp: 31480

Ion Ratio Lower Upper

85 100

87 32.3 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

30000

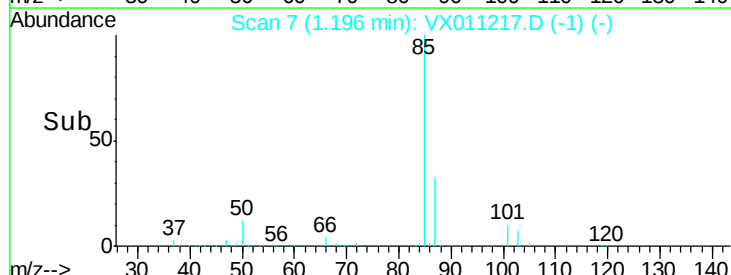
20000

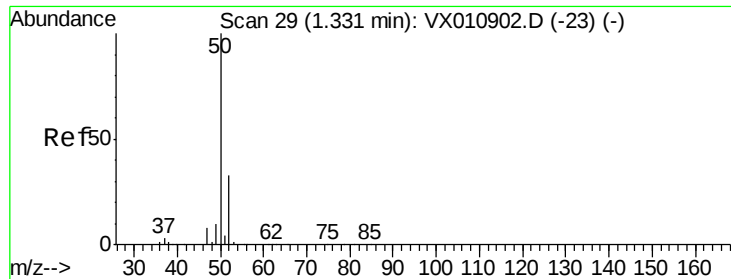
10000

0

1.15 1.20 1.25

Time-->

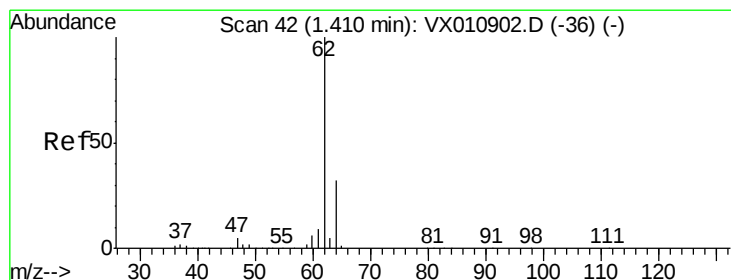
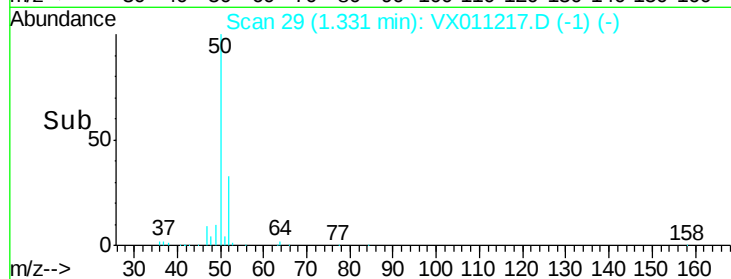
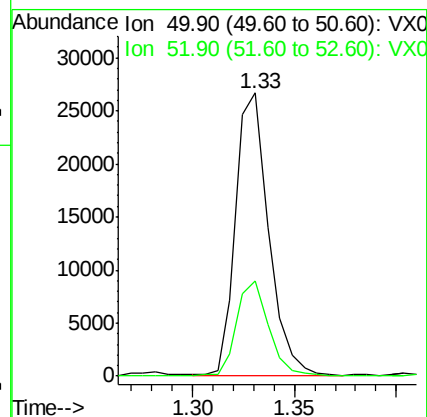
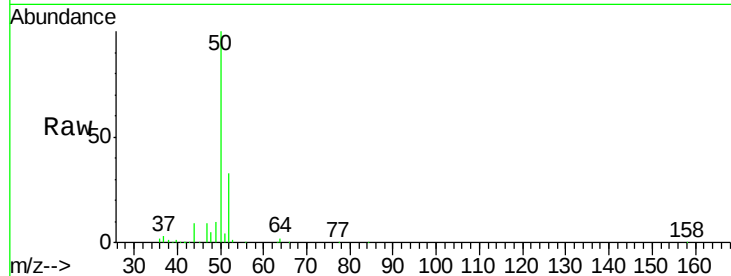




#3
Chloromethane
Concen: 17.298 ug/l
RT: 1.33 min Scan# 29
Delta R.T. -0.00 min
Lab File: VX011217.D
Acq: 31 Jul 2019 00:41

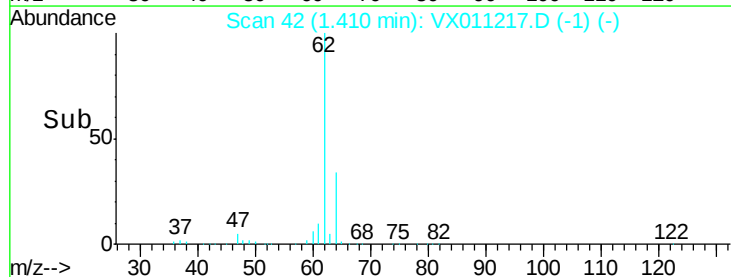
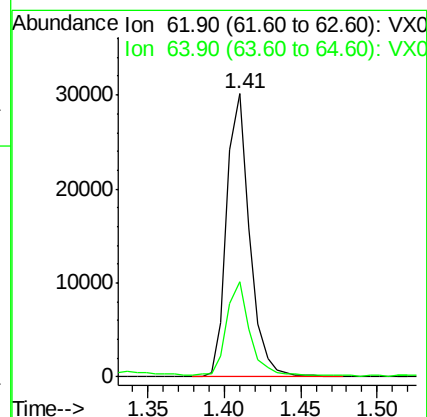
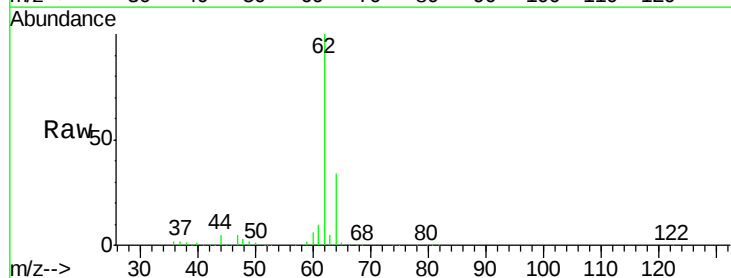
Instrument :
MSVOA_X
ClientSampleId :
VX0730WBS02

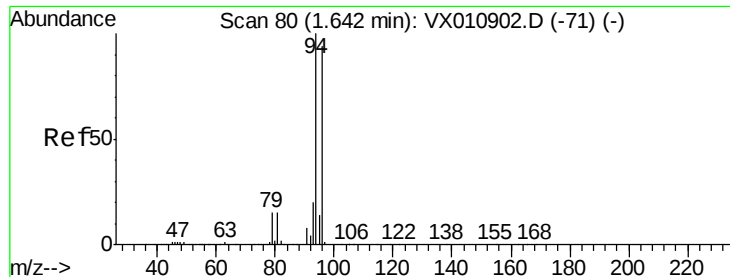
Tgt Ion: 50 Resp: 29548
Ion Ratio Lower Upper
50 100
52 33.6 26.4 39.6



#4
Vinyl Chloride
Concen: 18.049 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX011217.D
Acq: 31 Jul 2019 00:41

Tgt Ion: 62 Resp: 31446
Ion Ratio Lower Upper
62 100
64 33.0 25.7 38.5





#5

Bromomethane

Concen: 19.524 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX011217.D

Acq: 31 Jul 2019 00:41

Instrument :

MSVOA_X

ClientSampleId :

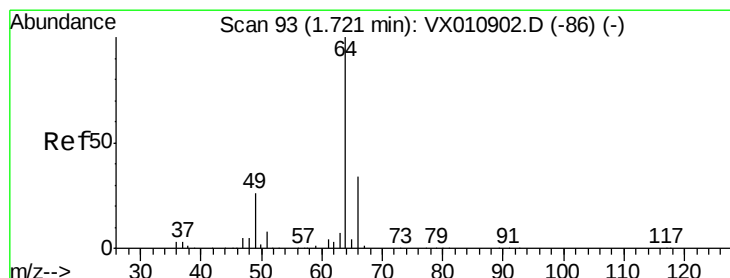
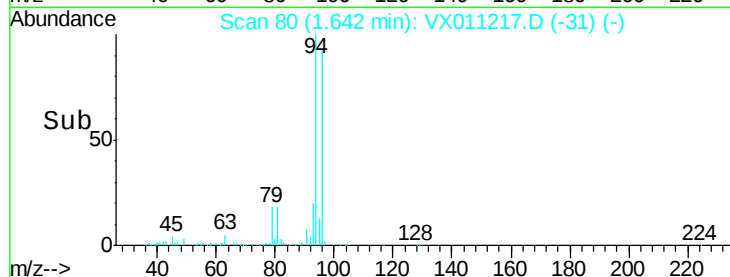
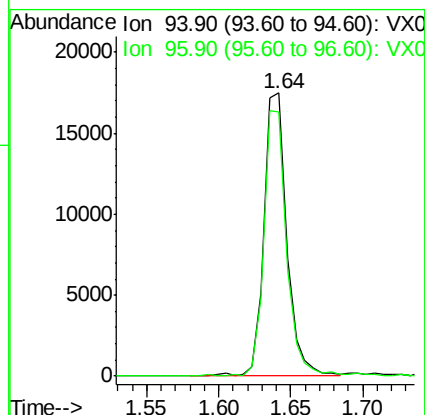
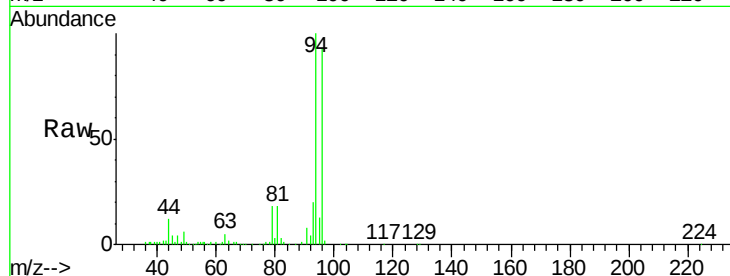
VX0730WBS02

Tgt Ion: 94 Resp: 19169

Ion Ratio Lower Upper

94 100

96 93.2 75.6 113.4



#6

Chloroethane

Concen: 20.627 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX011217.D

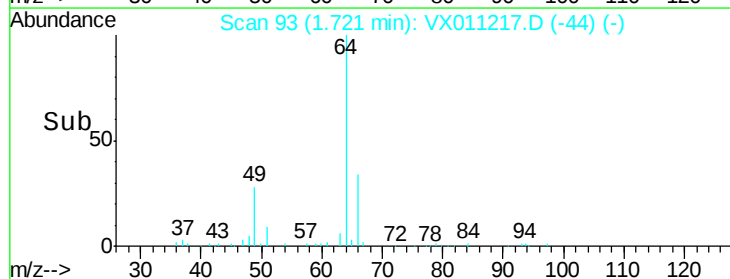
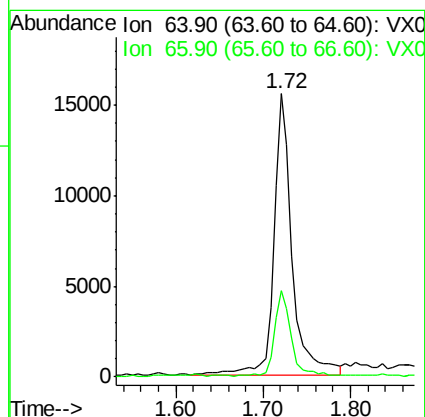
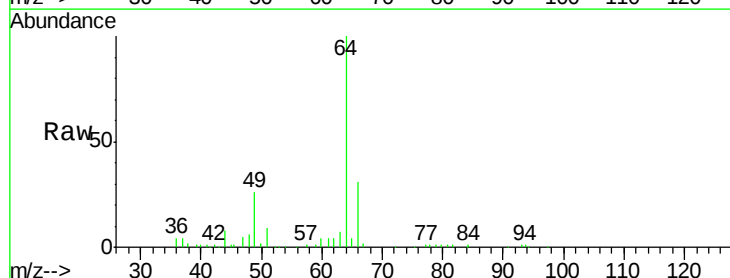
Acq: 31 Jul 2019 00:41

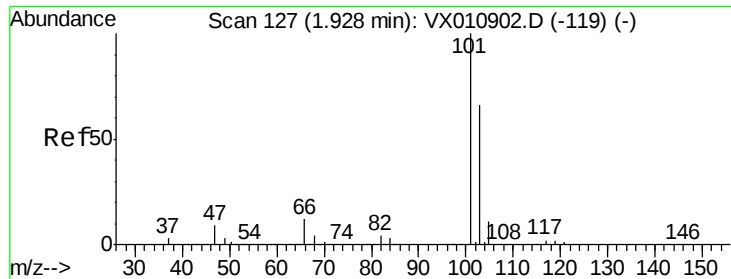
Tgt Ion: 64 Resp: 22838

Ion Ratio Lower Upper

64 100

66 30.2 27.0 40.6



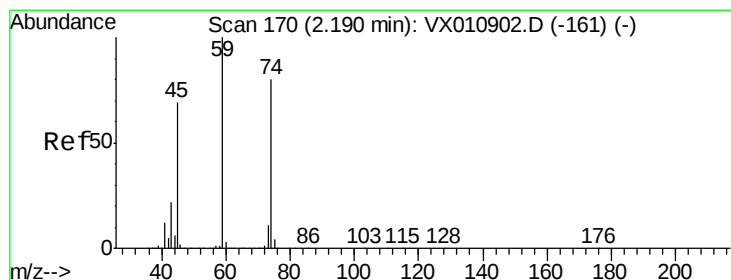
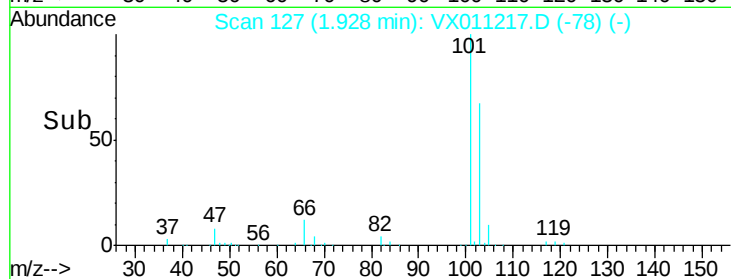
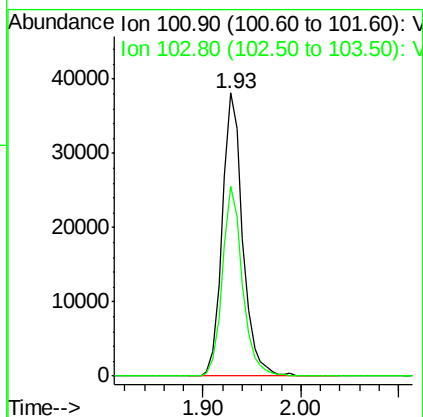
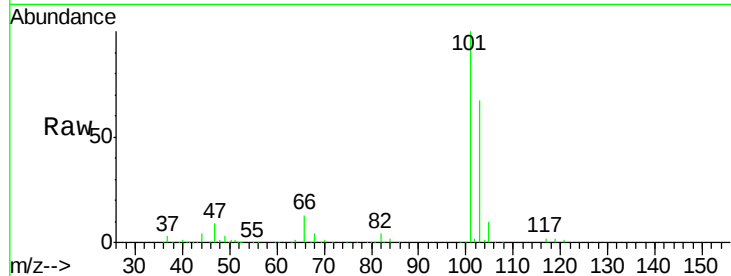


#7

Trichlorofluoromethane
 Concen: 18.749 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX011217.D
 Acq: 31 Jul 2019 00:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBS02

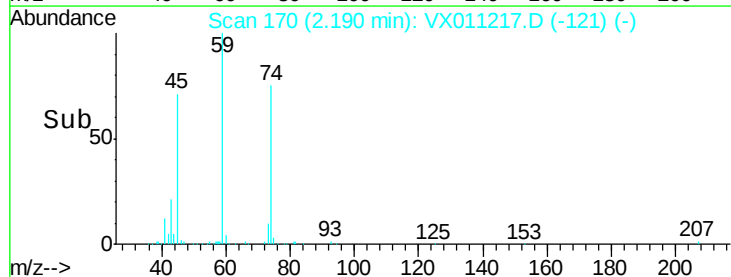
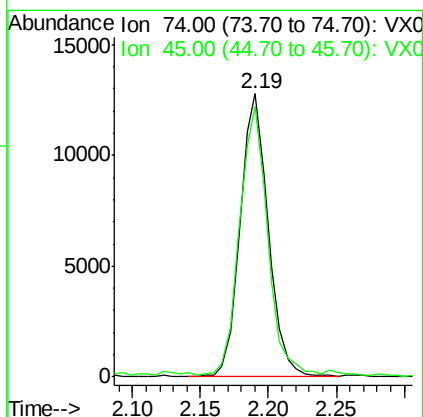
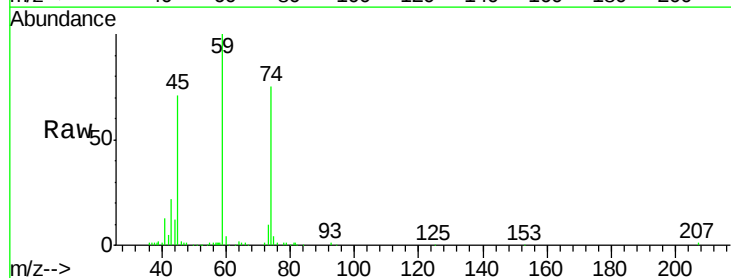
Tgt Ion:101 Resp: 55297
 Ion Ratio Lower Upper
 101 100
 103 66.9 52.6 78.8

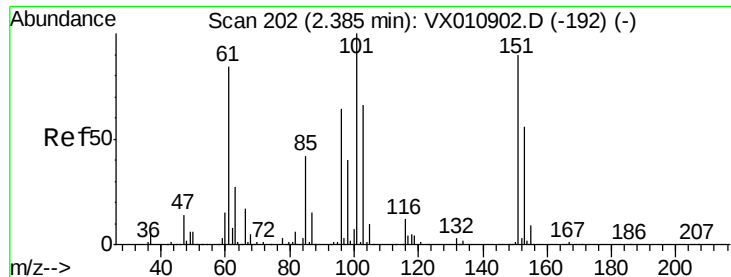


#8

Diethyl Ether
 Concen: 18.085 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX011217.D
 Acq: 31 Jul 2019 00:41

Tgt Ion: 74 Resp: 18377
 Ion Ratio Lower Upper
 74 100
 45 95.5 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.343 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX011217.D

Acq: 31 Jul 2019 00:41

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBS02

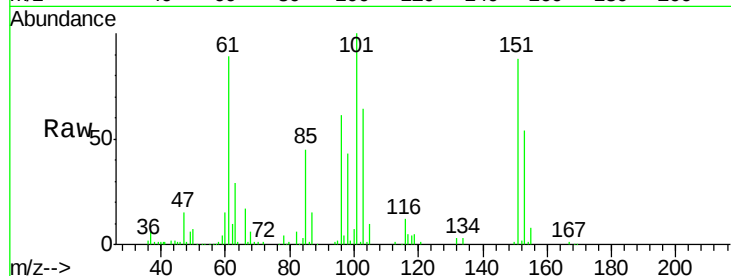
Tgt Ion:101 Resp: 30889

Ion Ratio Lower Upper

101 100

85 44.2 34.6 52.0

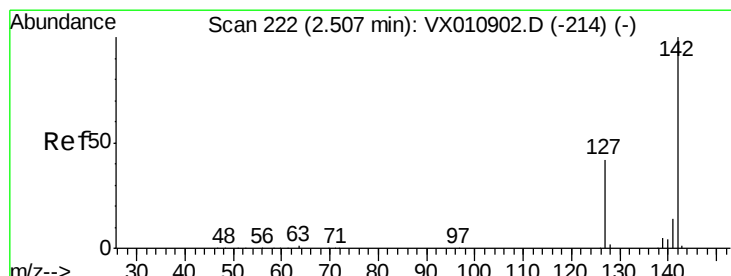
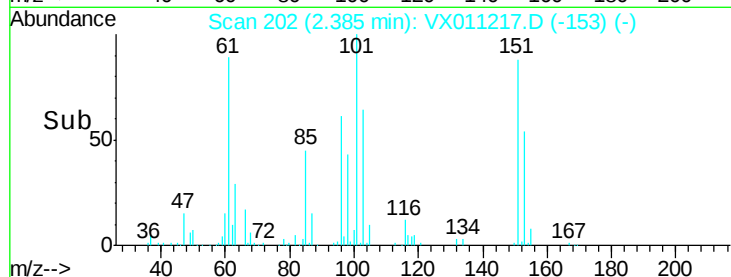
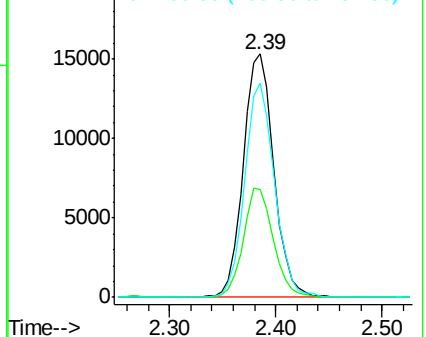
151 86.3 69.6 104.4



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: 13.544 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX011217.D

Acq: 31 Jul 2019 00:41

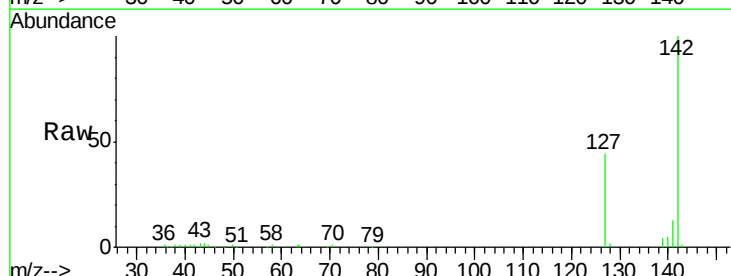
Tgt Ion:142 Resp: 29929

Ion Ratio Lower Upper

142 100

127 44.3 34.2 51.4

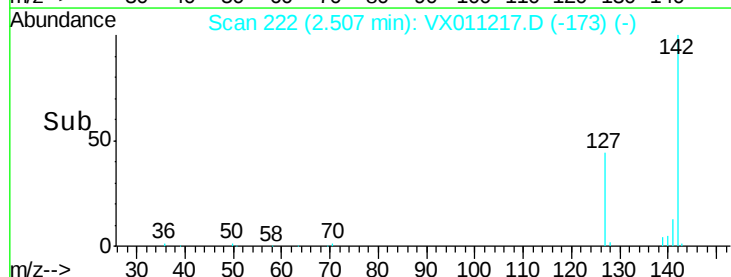
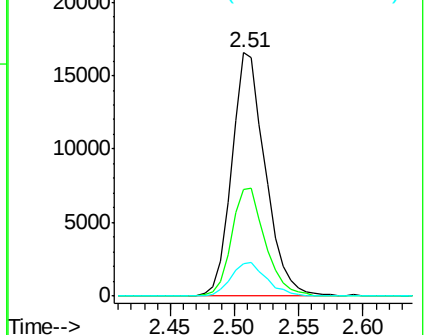
141 14.7 11.7 17.5

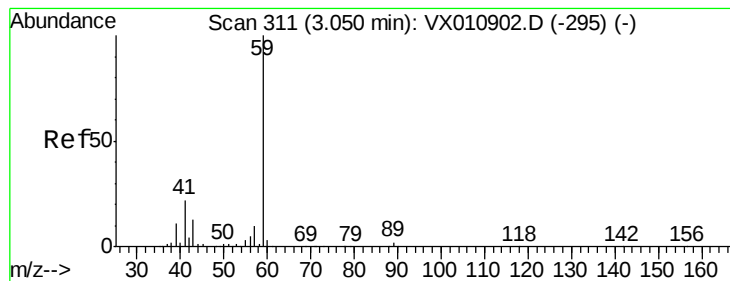


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



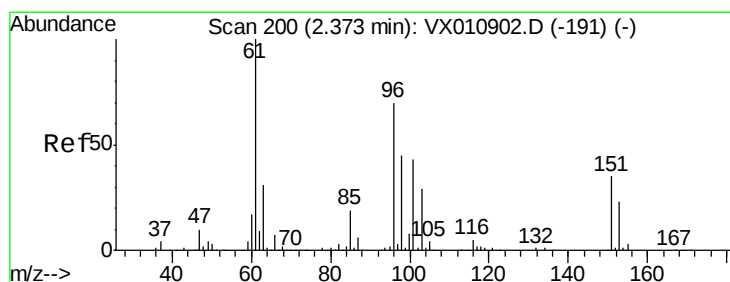
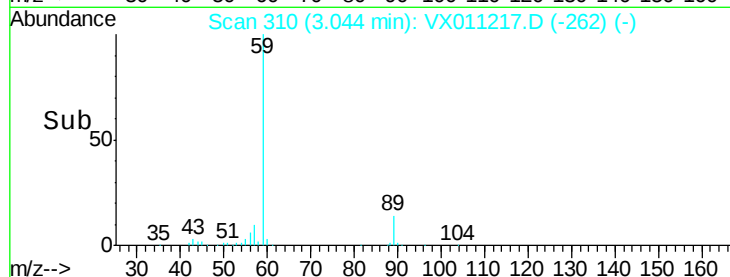
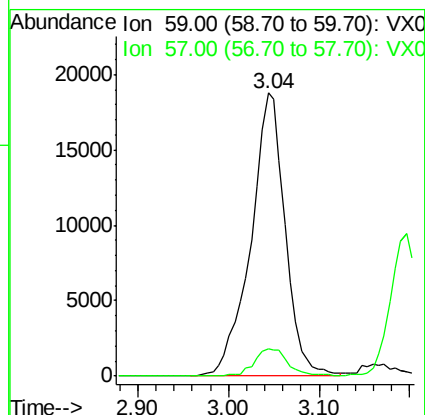
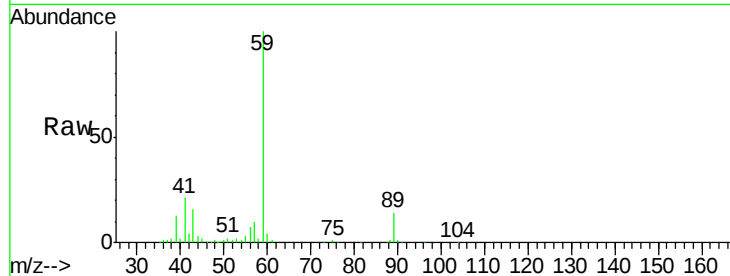


#11

Tert butyl alcohol
 Concen: 107.121 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX011217.D
 Acq: 31 Jul 2019 00:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBS02

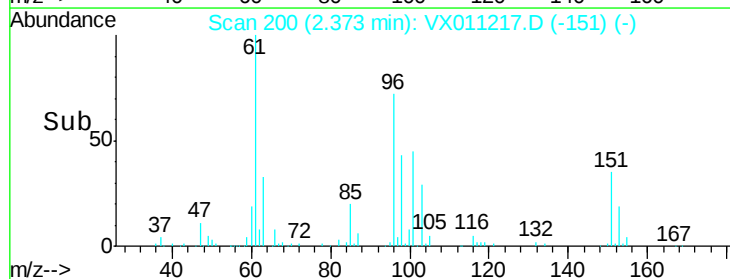
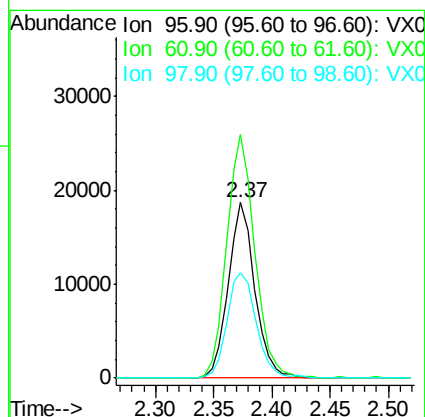
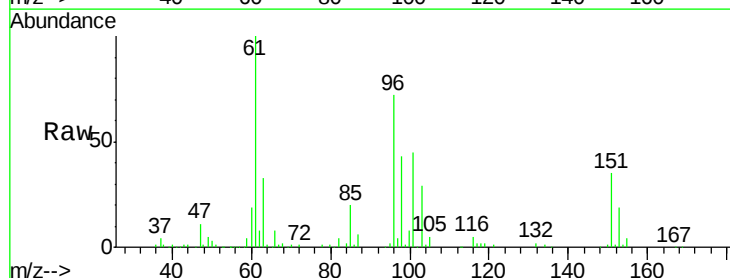
Tgt Ion: 59 Resp: 49298
 Ion Ratio Lower Upper
 59 100
 57 9.6 7.9 11.9

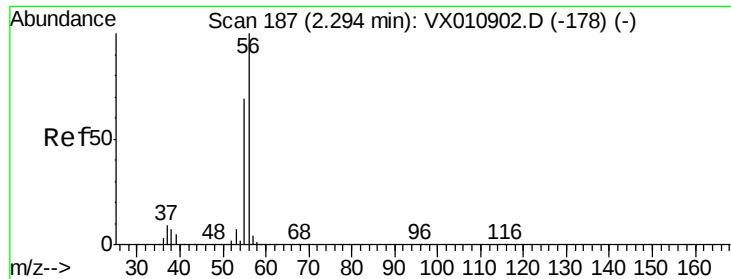


#12

1,1-Dichloroethene
 Concen: 17.938 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX011217.D
 Acq: 31 Jul 2019 00:41

Tgt Ion: 96 Resp: 29679
 Ion Ratio Lower Upper
 96 100
 61 138.7 115.0 172.4
 98 60.1 52.2 78.2





#13

Acrolein

Concen: 54.567 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX011217.D

Acq: 31 Jul 2019 00:41

Instrument :

MSVOA_X

ClientSampleId :

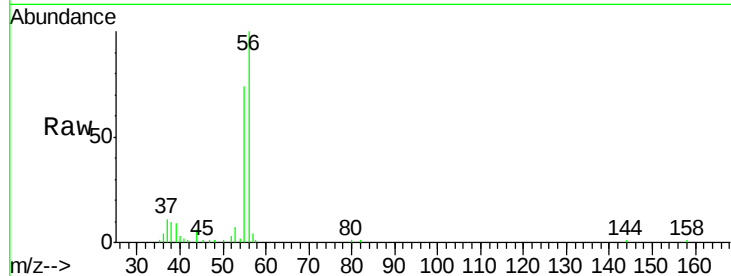
VX0730WBS02

Tgt Ion: 56 Resp: 14509

Ion Ratio Lower Upper

56 100

55 75.6 55.9 83.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

10000

8000

6000

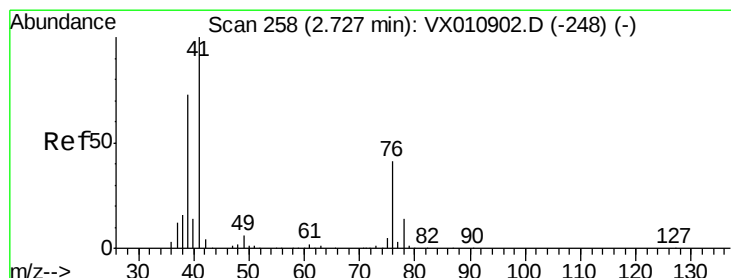
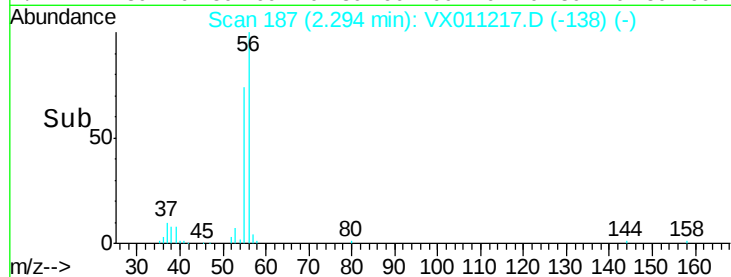
4000

2000

0

Time-->

2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 17.640 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX011217.D

Acq: 31 Jul 2019 00:41

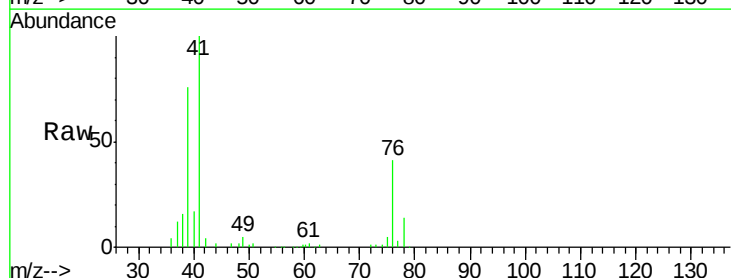
Tgt Ion: 41 Resp: 42392

Ion Ratio Lower Upper

41 100

39 68.5 53.6 80.4

76 35.0 29.7 44.5



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

40000

30000

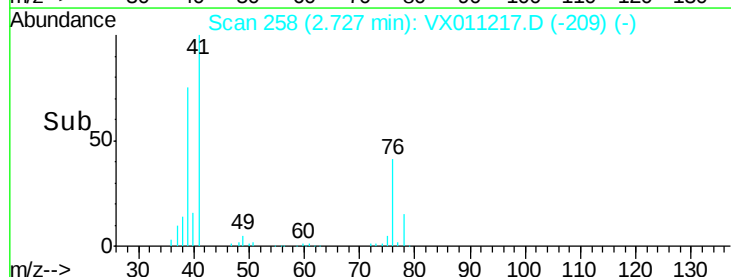
20000

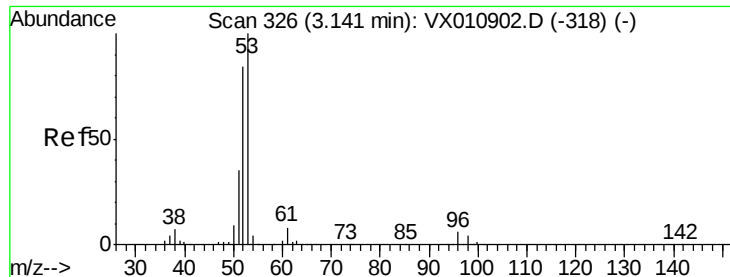
10000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 99.000 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX011217.D

Acq: 31 Jul 2019 00:41

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBS02

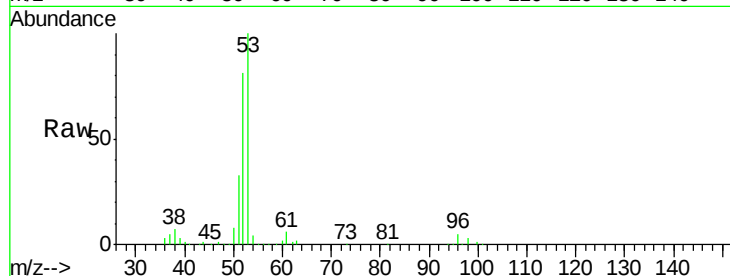
Tgt Ion: 53 Resp: 92064

Ion Ratio Lower Upper

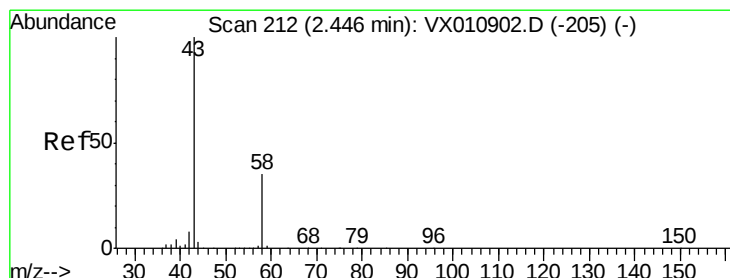
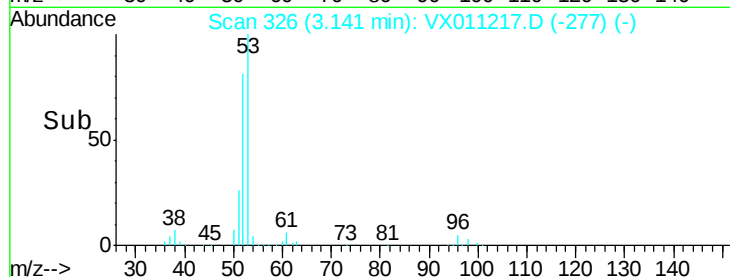
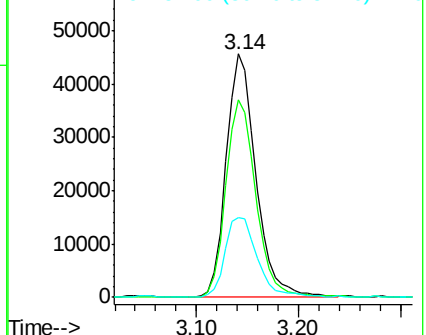
53 100

52 81.6 66.5 99.7

51 35.3 28.2 42.4



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: 86.279 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX011217.D

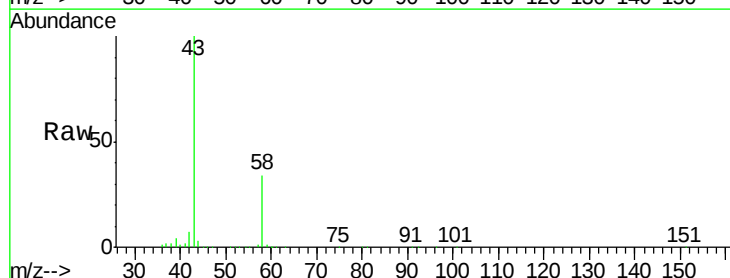
Acq: 31 Jul 2019 00:41

Tgt Ion: 43 Resp: 77003

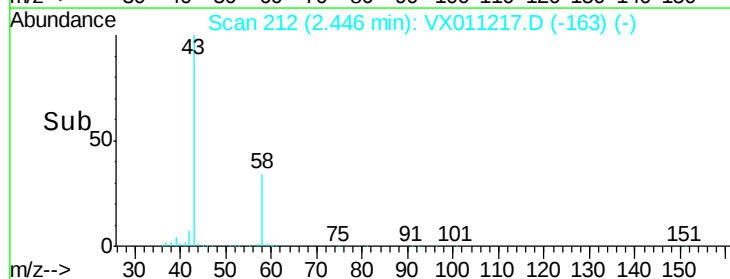
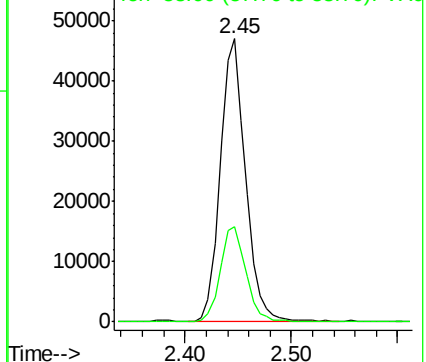
Ion Ratio Lower Upper

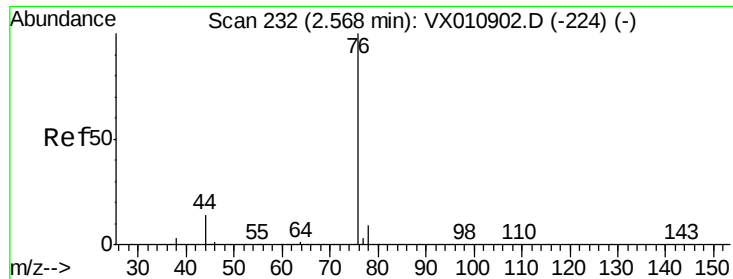
43 100

58 33.5 27.7 41.5



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

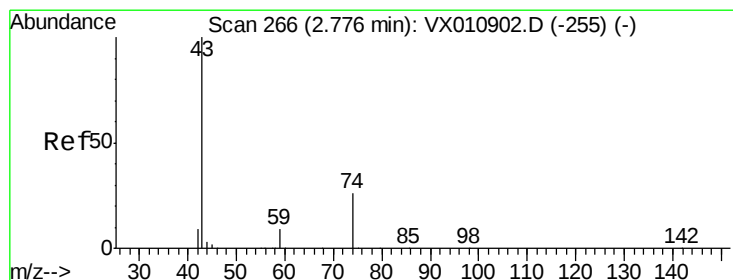
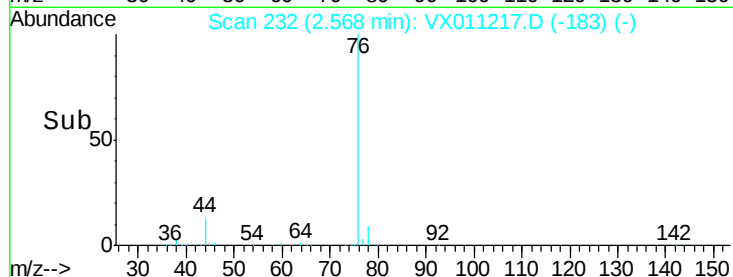
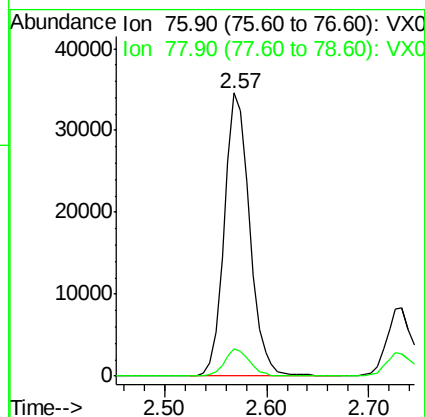
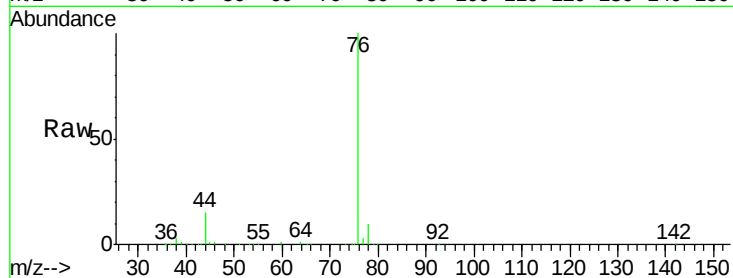




#17
Carbon Disulfide
Concen: 14.053 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX011217.D
Acq: 31 Jul 2019 00:41

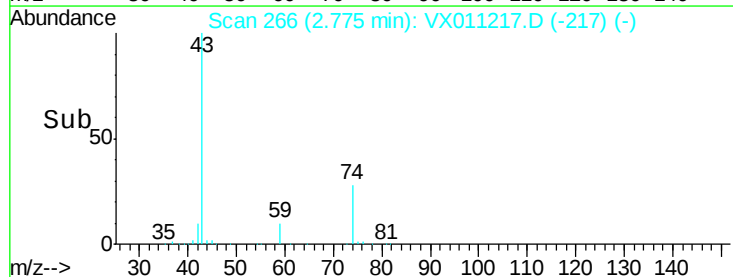
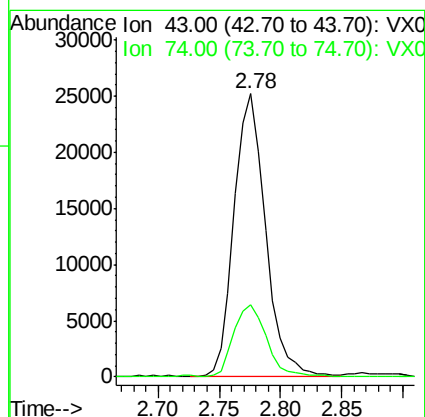
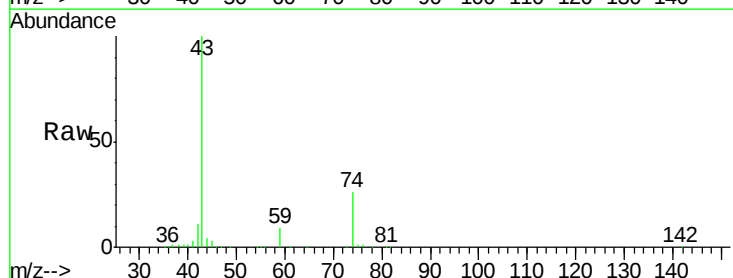
Instrument :
MSVOA_X
ClientSampleId :
VX0730WBS02

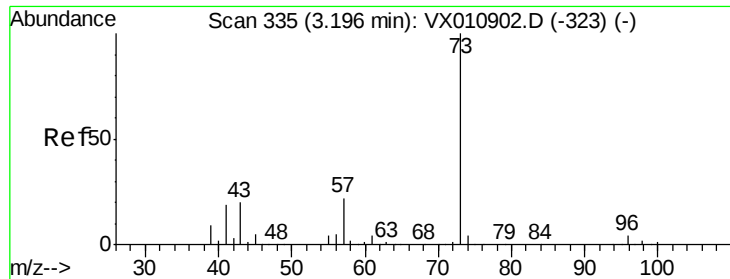
Tgt Ion: 76 Resp: 59641
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0



#18
Methyl Acetate
Concen: 22.201 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX011217.D
Acq: 31 Jul 2019 00:41

Tgt Ion: 43 Resp: 45117
Ion Ratio Lower Upper
43 100
74 27.1 21.5 32.3

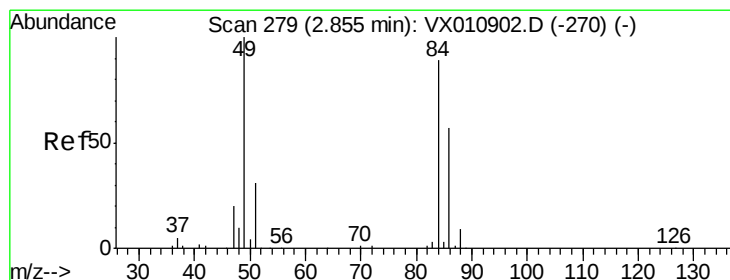
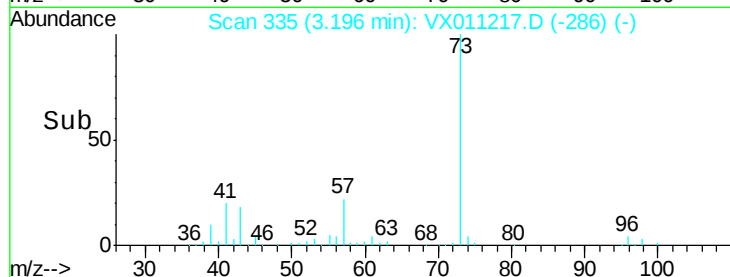
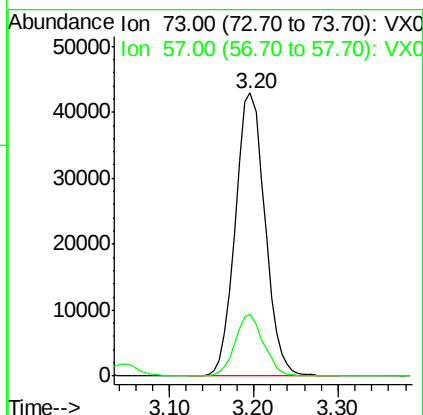
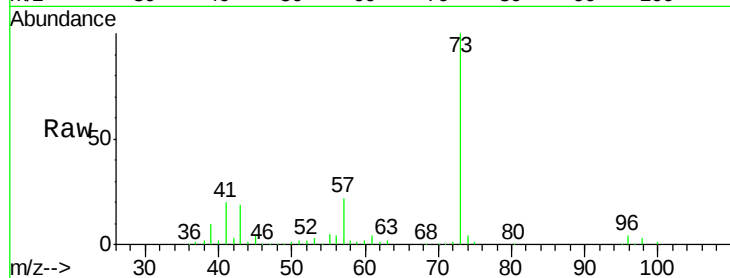




#19
Methyl tert-butyl Ether
Concen: 19.167 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX011217.D
Acq: 31 Jul 2019 00:41

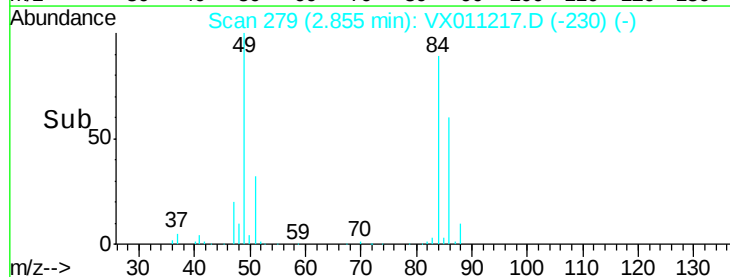
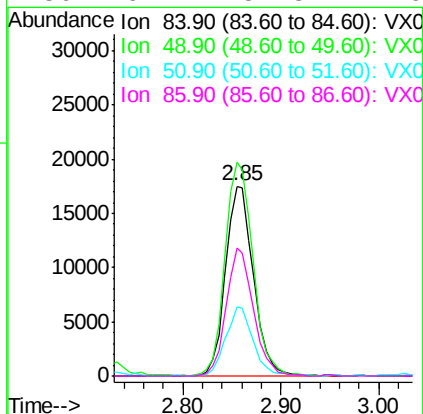
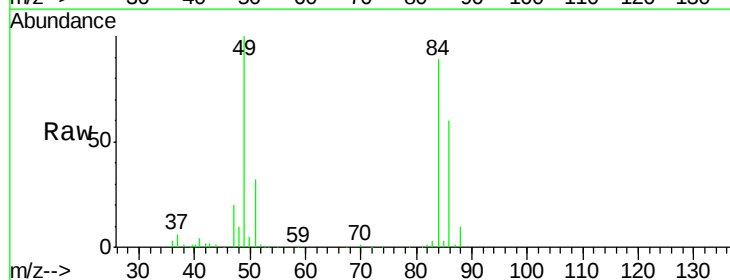
Instrument :
MSVOA_X
ClientSampleId :
VX0730WBS02

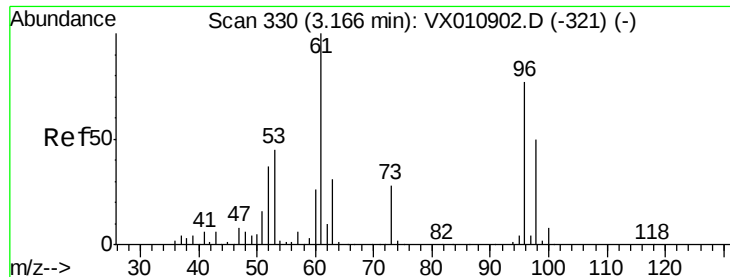
Tgt Ion: 73 Resp: 102086
Ion Ratio Lower Upper
73 100
57 21.8 17.3 25.9



#20
Methylene Chloride
Concen: 18.280 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX011217.D
Acq: 31 Jul 2019 00:41

Tgt Ion: 84 Resp: 34575
Ion Ratio Lower Upper
84 100
49 112.6 89.9 134.9
51 36.1 27.8 41.6
86 67.2 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 17.618 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX011217.D

Acq: 31 Jul 2019 00:41

Instrument :

MSVOA_X

ClientSampled :

VX0730WBS02

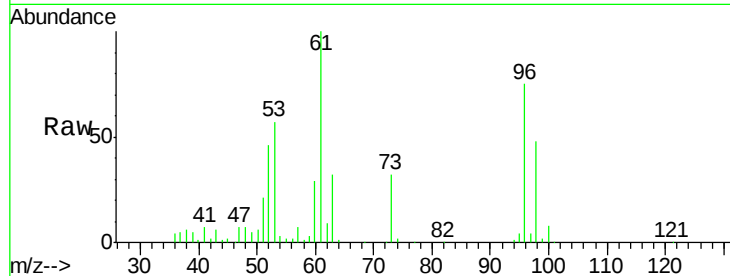
Tgt Ion: 96 Resp: 30929

Ion Ratio Lower Upper

96 100

61 132.5 104.2 156.2

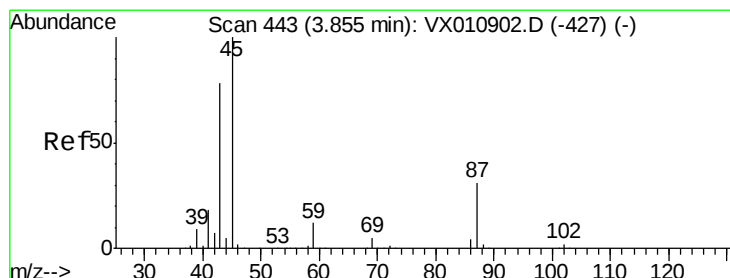
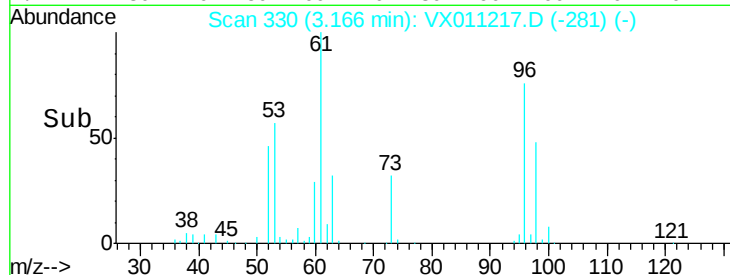
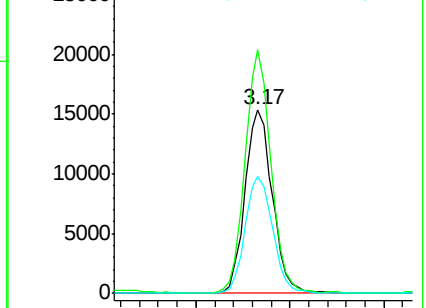
98 63.8 52.2 78.4



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: 19.173 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX011217.D

Acq: 31 Jul 2019 00:41

Tgt Ion: 45 Resp: 97178

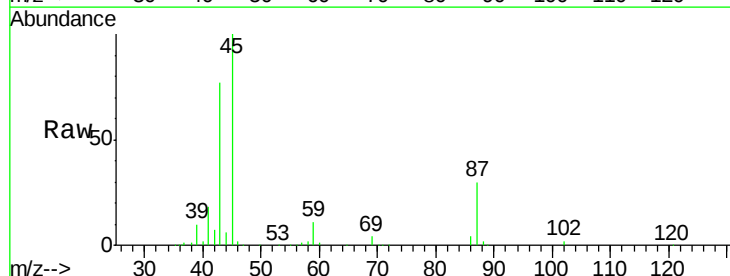
Ion Ratio Lower Upper

45 100

43 75.5 62.3 93.5

87 29.5 25.0 37.4

59 10.8 9.9 14.9

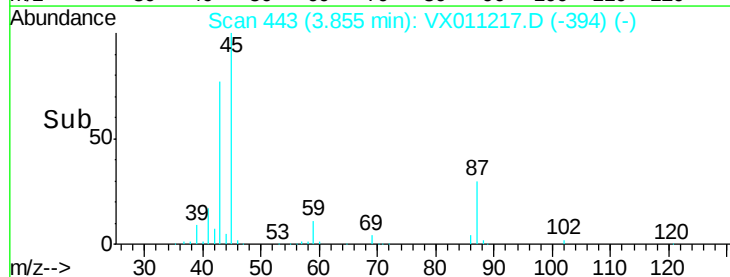
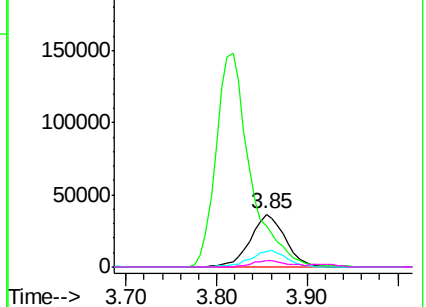


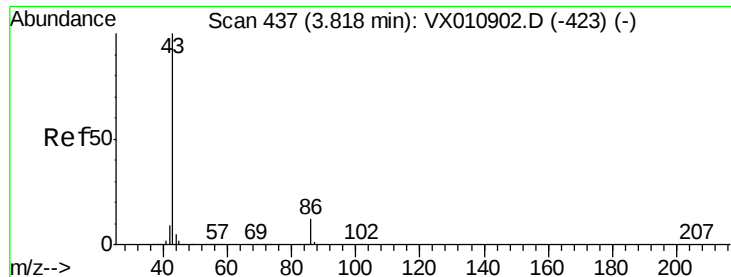
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 90.939 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX011217.D

Acq: 31 Jul 2019 00:41

Instrument :

MSVOA_X

ClientSampleId :

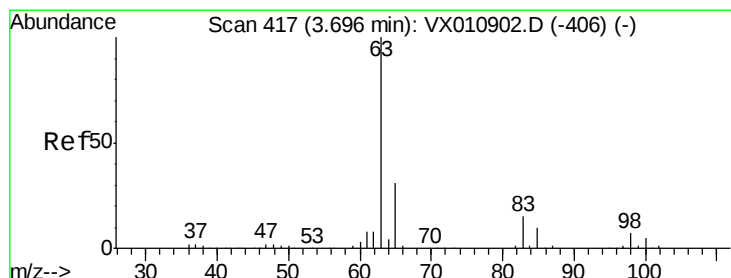
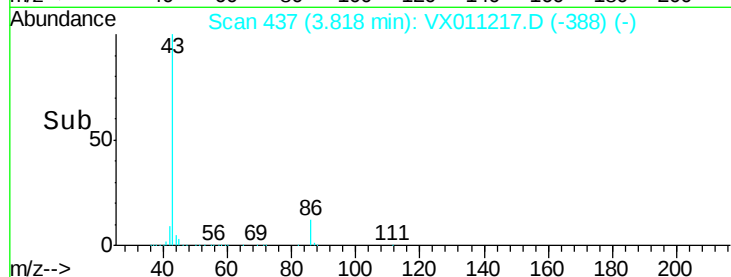
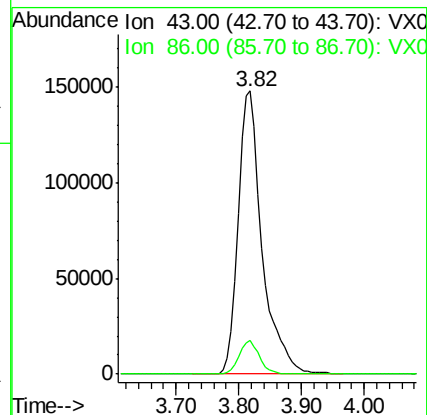
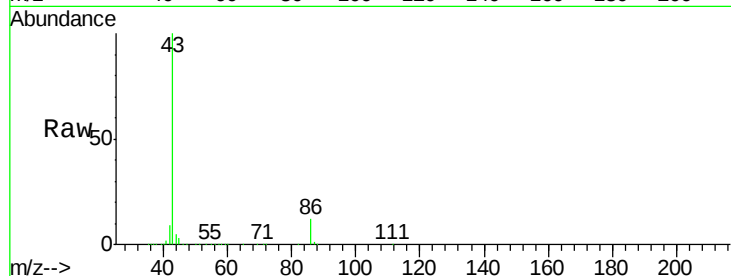
VX0730WBS02

Tgt Ion: 43 Resp: 390542

Ion Ratio Lower Upper

43 100

86 12.0 9.4 14.0



#24

1,1-Dichloroethane

Concen: 18.538 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX011217.D

Acq: 31 Jul 2019 00:41

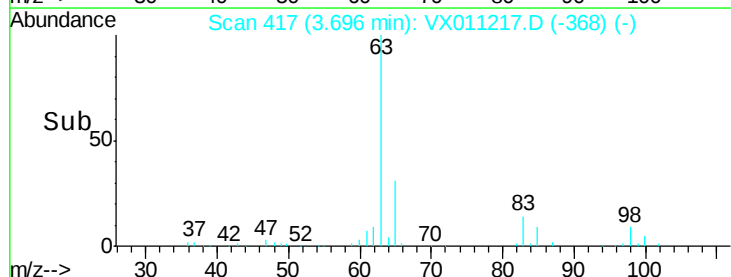
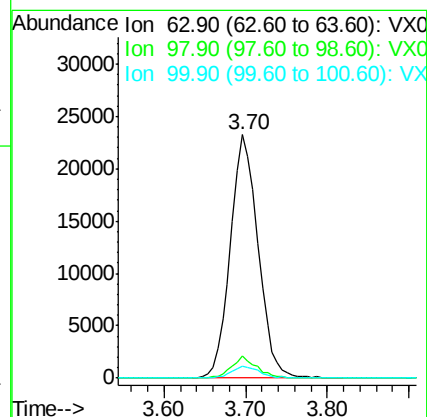
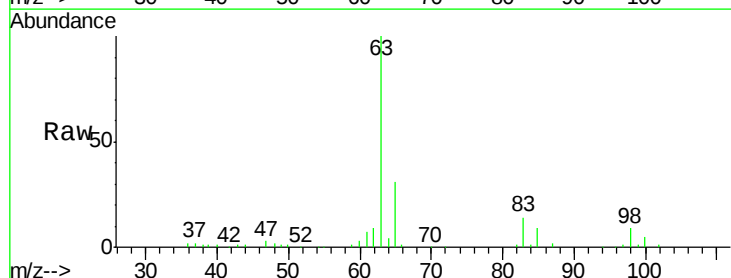
Tgt Ion: 63 Resp: 54567

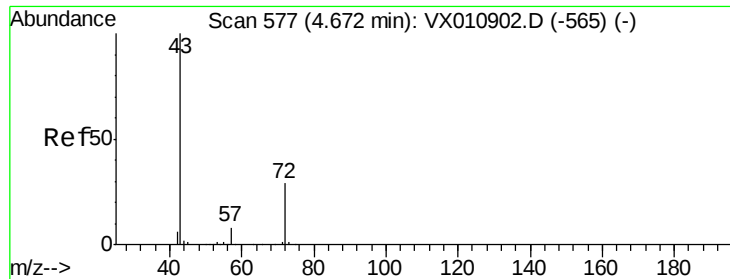
Ion Ratio Lower Upper

63 100

98 8.9 3.6 10.9

100 4.7 2.4 7.2





#25

2-Butanone

Concen: 96.479 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX011217.D

Acq: 31 Jul 2019 00:41

Instrument :

MSVOA_X

ClientSampleId :

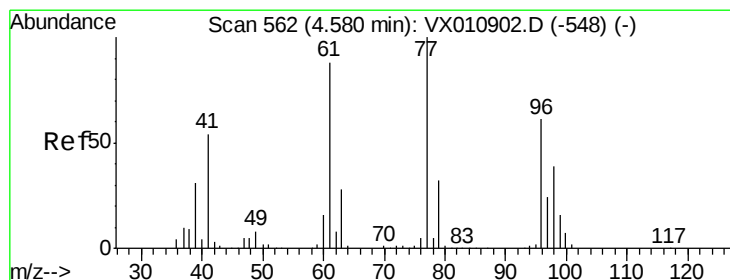
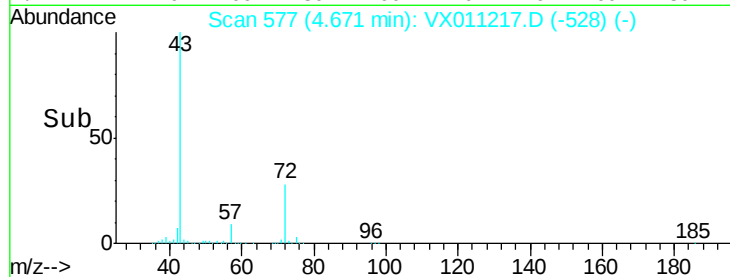
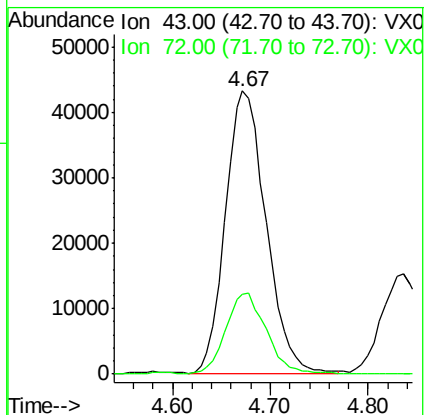
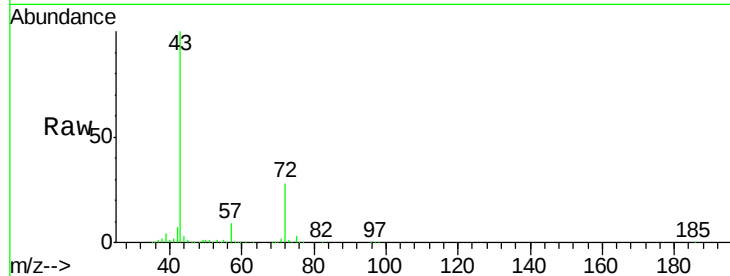
VX0730WBS02

Tgt Ion: 43 Resp: 123605

Ion Ratio Lower Upper

43 100

72 28.0 23.0 34.6



#26

2,2-Dichloropropane

Concen: 12.799 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX011217.D

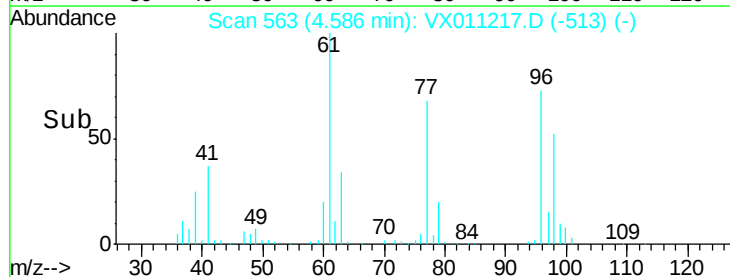
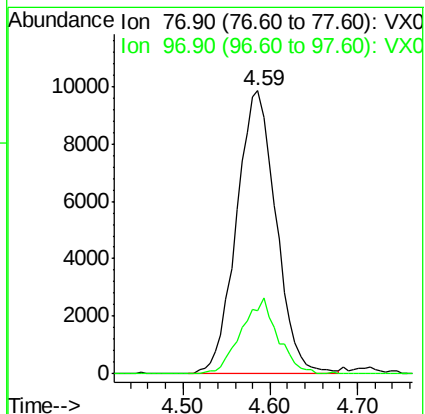
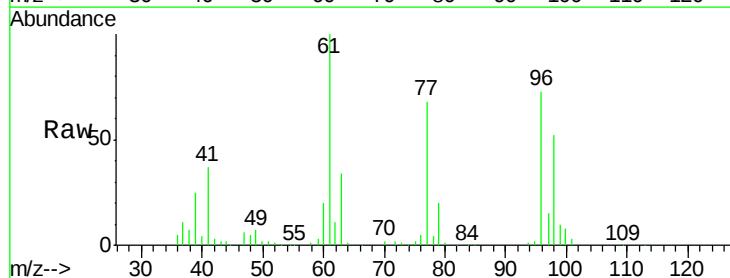
Acq: 31 Jul 2019 00:41

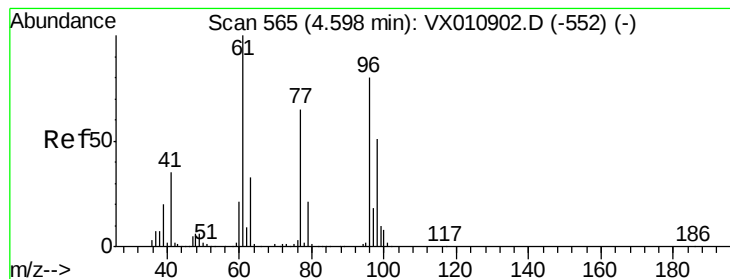
Tgt Ion: 77 Resp: 30935

Ion Ratio Lower Upper

77 100

97 24.8 12.6 37.6



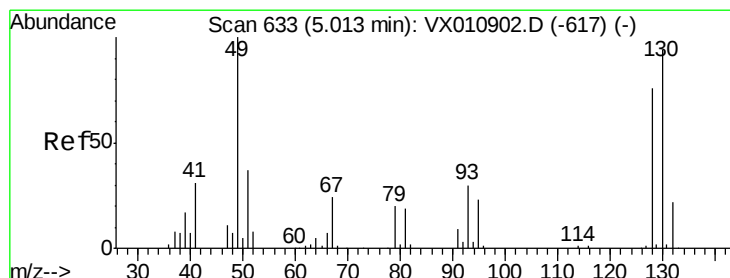
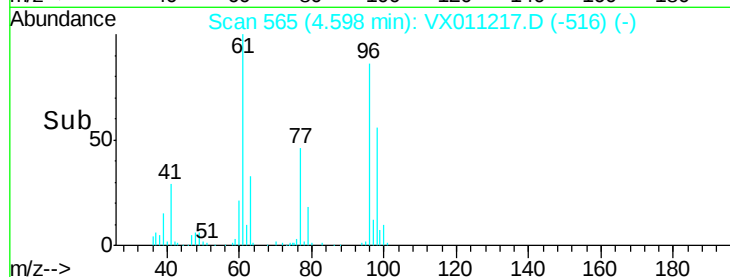
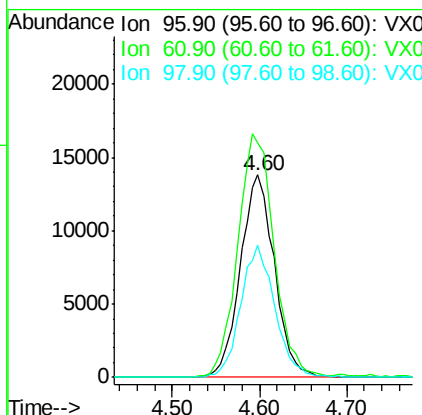
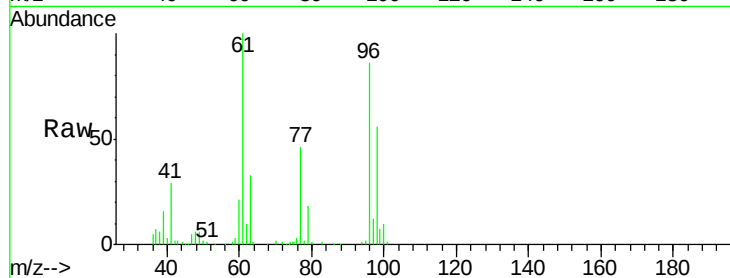


#27

cis-1,2-Dichloroethene
 Concen: 18.369 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX011217.D
 Acq: 31 Jul 2019 00:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBS02

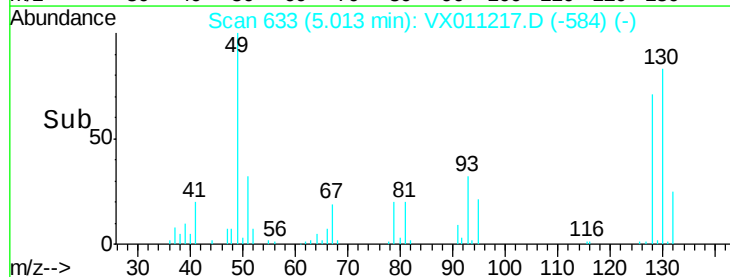
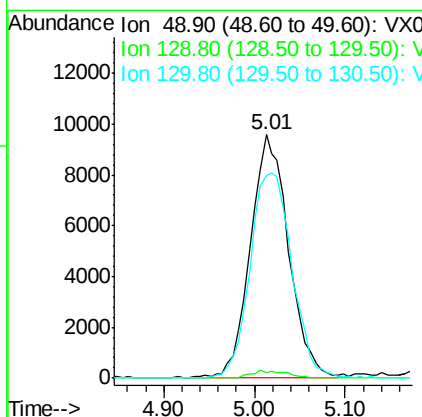
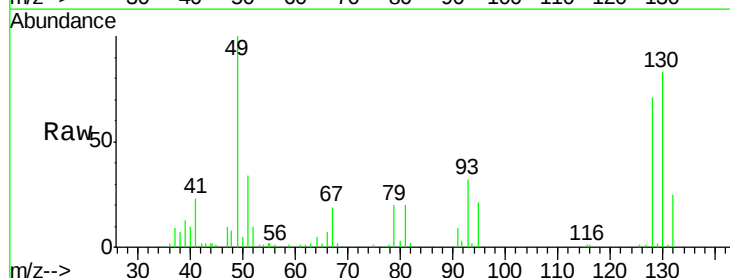
Tgt Ion: 96 Resp: 37320
 Ion Ratio Lower Upper
 96 100
 61 128.5 0.0 269.0
 98 65.6 0.0 131.4

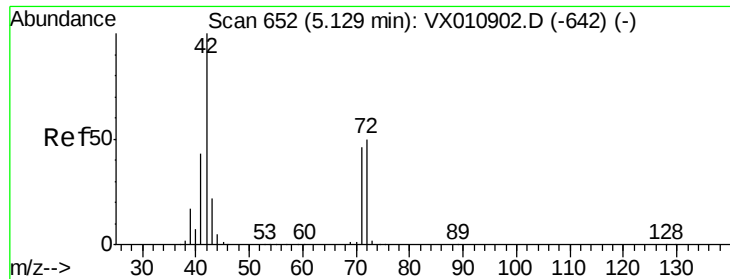


#28

Bromochloromethane
 Concen: 20.086 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: VX011217.D
 Acq: 31 Jul 2019 00:41

Tgt Ion: 49 Resp: 27861
 Ion Ratio Lower Upper
 49 100
 129 2.9 0.0 5.2
 130 92.7 76.9 115.3

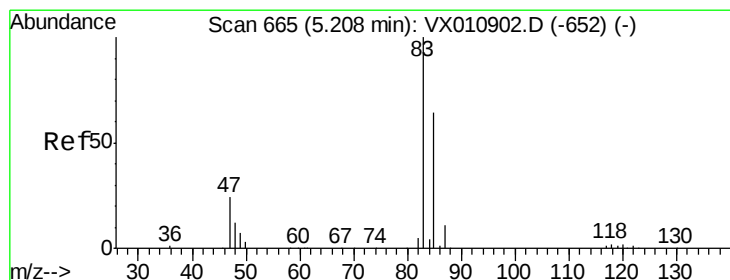
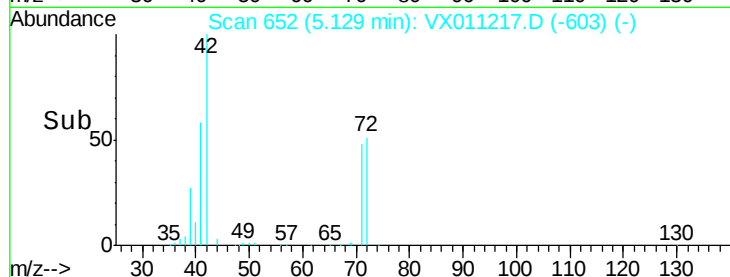
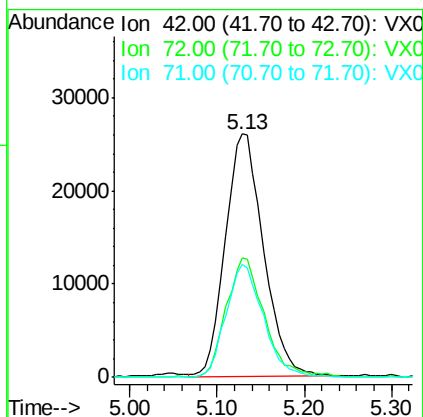
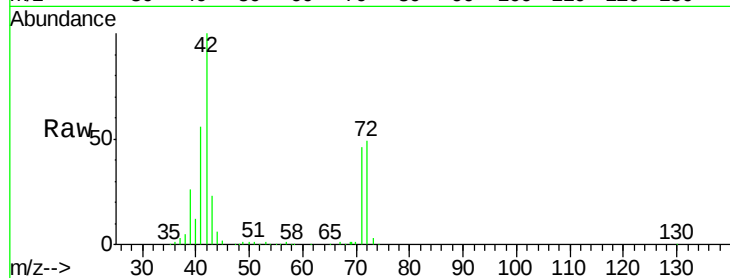




#29
Tetrahydrofuran
Concen: 97.034 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX011217.D
Acq: 31 Jul 2019 00:41

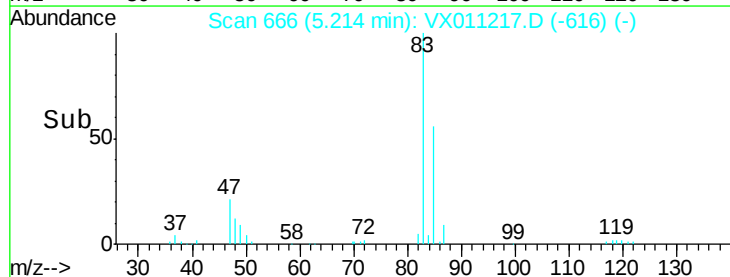
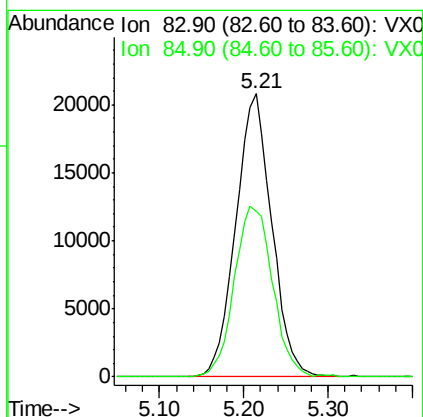
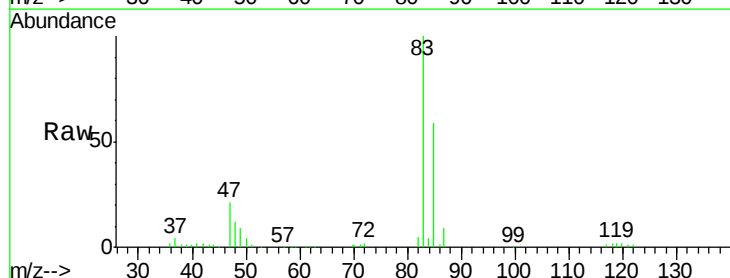
Instrument :
MSVOA_X
ClientSampleId :
VX0730WBS02

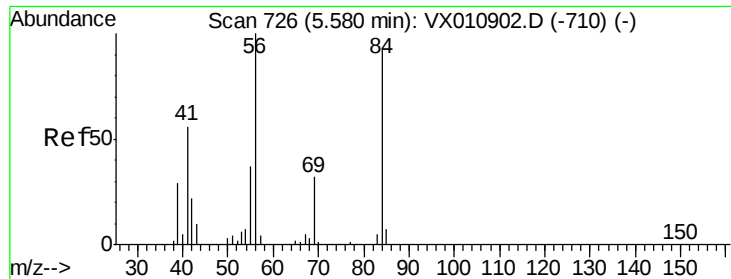
Tgt Ion: 42 Resp: 78747
Ion Ratio Lower Upper
42 100
72 49.8 39.8 59.8
71 45.8 37.0 55.4



#30
Chloroform
Concen: 18.874 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX011217.D
Acq: 31 Jul 2019 00:41

Tgt Ion: 83 Resp: 60050
Ion Ratio Lower Upper
83 100
85 58.5 51.4 77.0

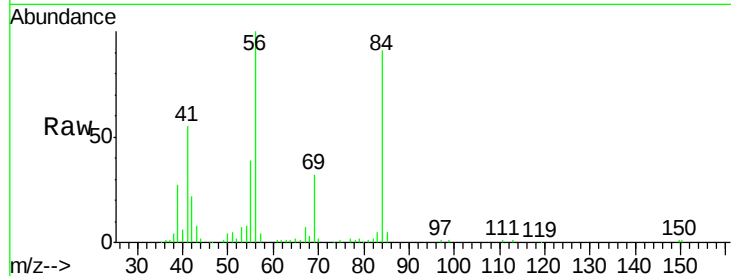




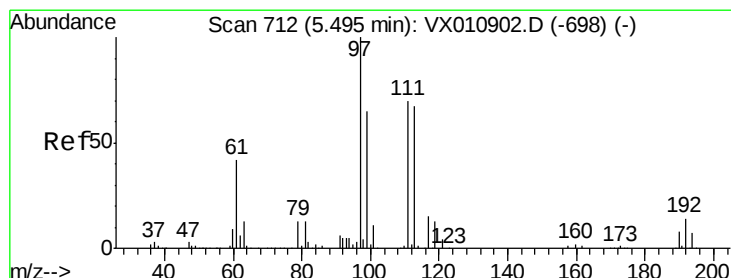
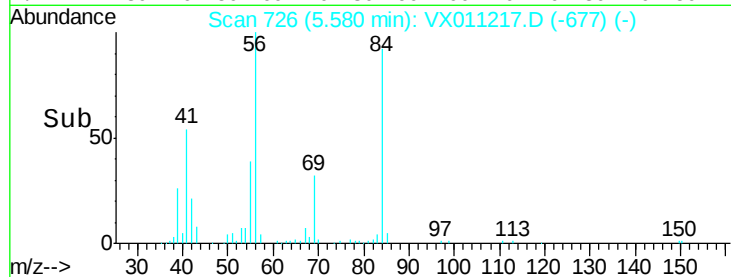
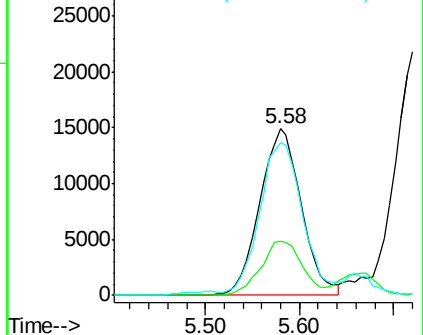
#31
Cyclohexane
Concen: 17.153 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX011217.D
Acq: 31 Jul 2019 00:41

Instrument :
MSVOA_X
ClientSampleId :
VX0730WBS02

Tgt Ion: 56 Resp: 46022
Ion Ratio Lower Upper
56 100
69 32.2 25.8 38.8
84 89.4 73.8 110.6

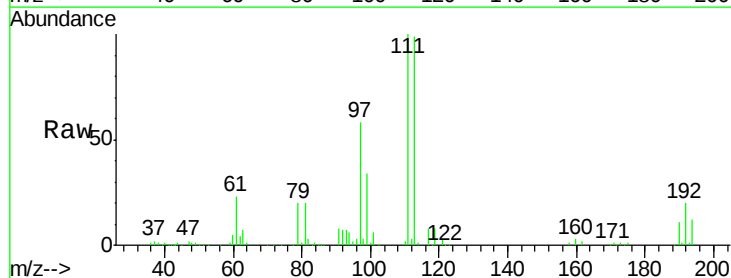


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

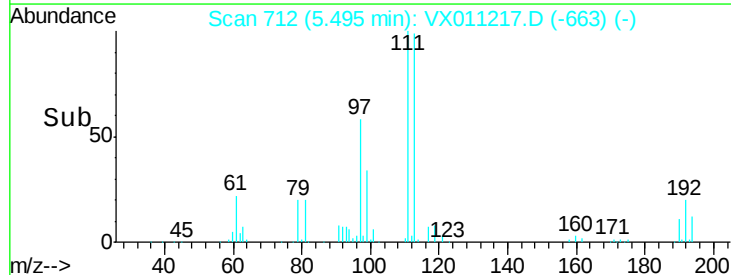
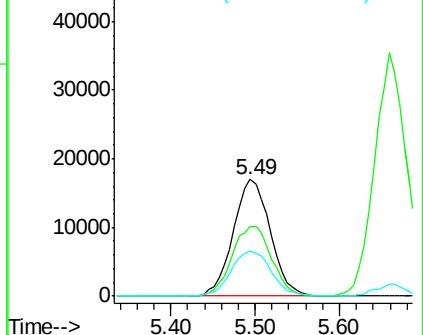


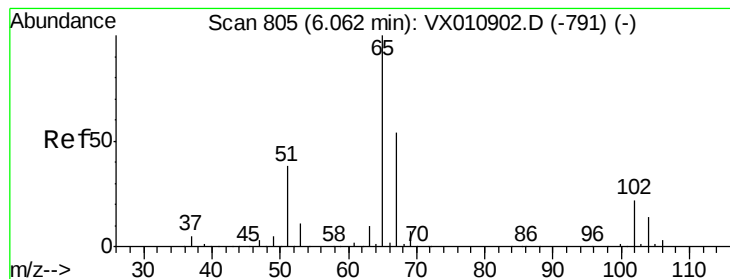
#32
1,1,1-Trichloroethane
Concen: 18.435 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX011217.D
Acq: 31 Jul 2019 00:41

Tgt Ion: 97 Resp: 50745
Ion Ratio Lower Upper
97 100
99 63.8 51.4 77.0
61 41.9 33.0 49.6



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: 48.371 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX011217.D

Acq: 31 Jul 2019 00:41

Instrument :

MSVOA_X

ClientSampleId :

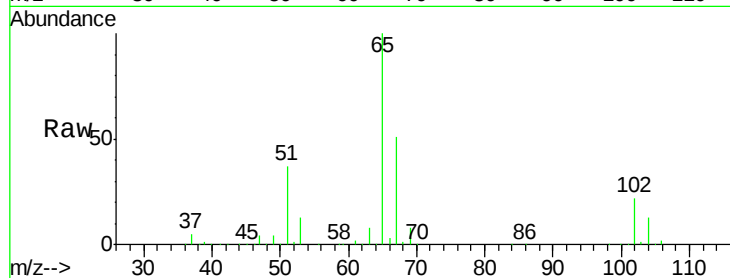
VX0730WBS02

Tgt Ion: 65 Resp: 95584

Ion Ratio Lower Upper

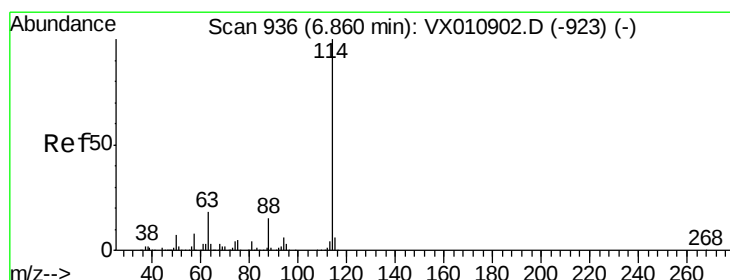
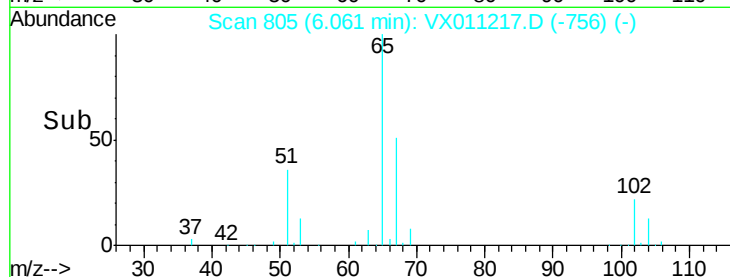
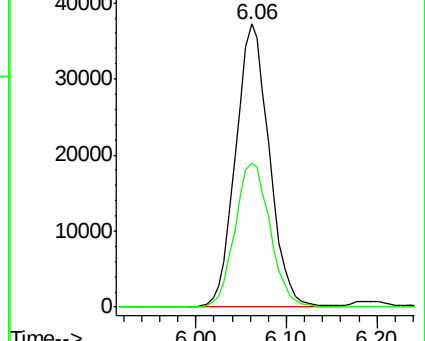
65 100

67 53.1 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX011217.D

Acq: 31 Jul 2019 00:41

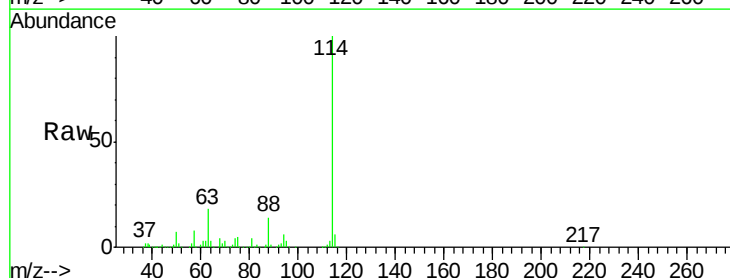
Tgt Ion: 114 Resp: 280745

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.6

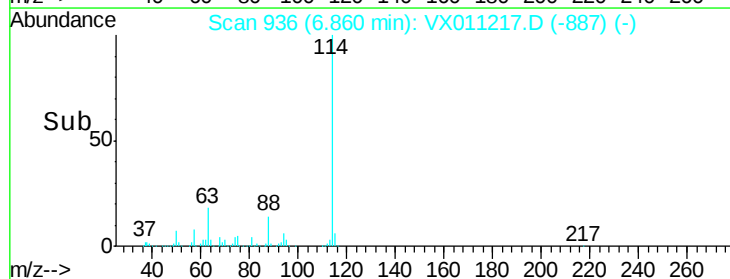
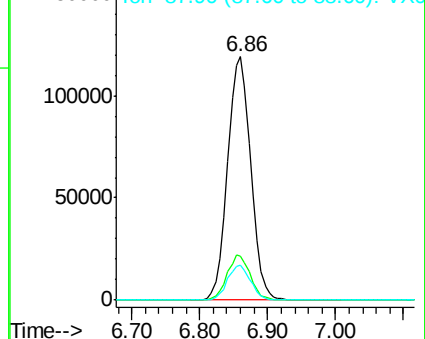
88 14.5 0.0 29.8

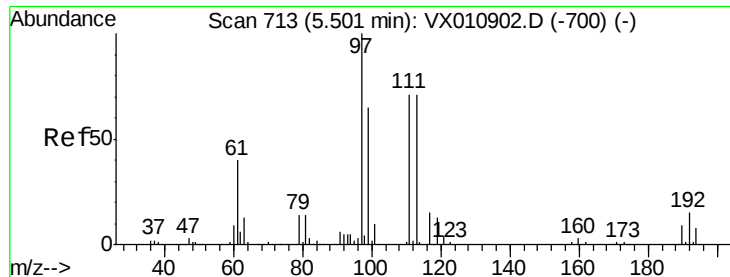


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

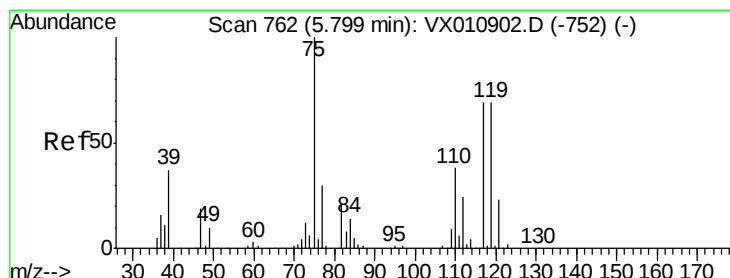
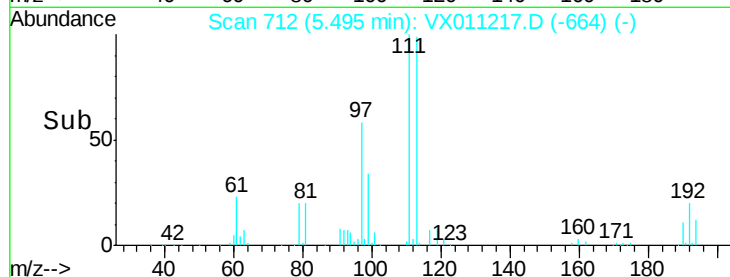
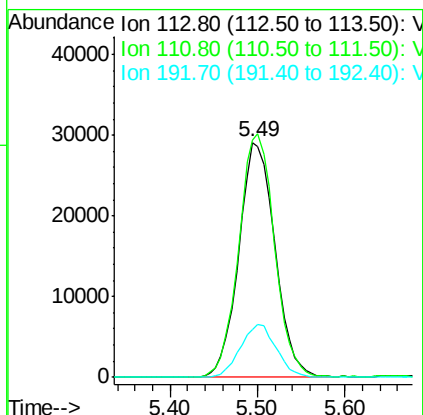
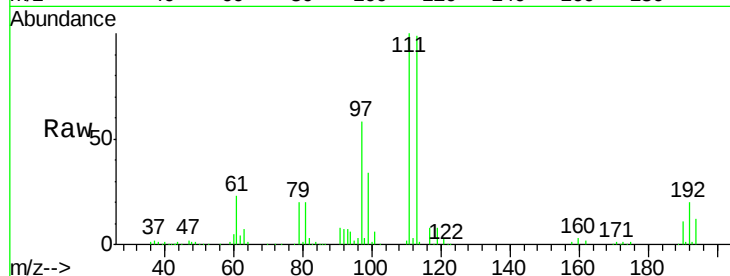




#35
 Dibromofluoromethane
 Concen: 47.069 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX011217.D
 Acq: 31 Jul 2019 00:41

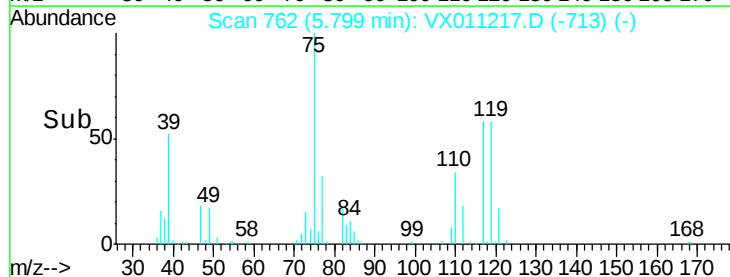
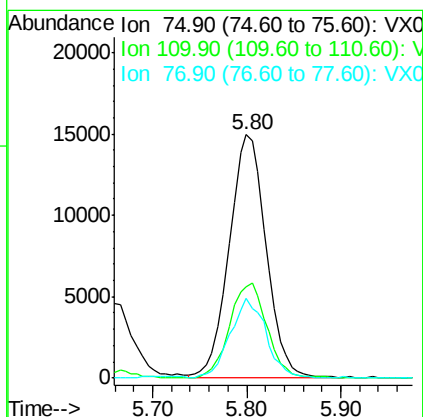
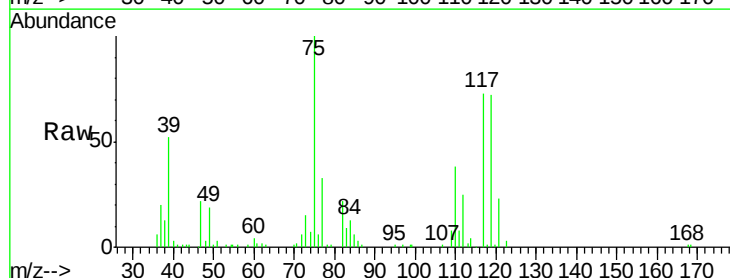
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBS02

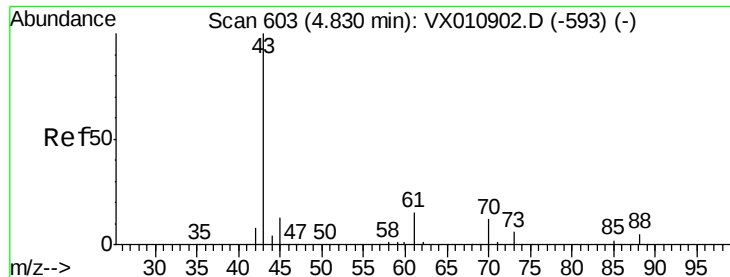
Tgt Ion:113 Resp: 83875
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.3 123.5
 192 22.3 17.4 26.2



#36
 1,1-Dichloropropene
 Concen: 17.768 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX011217.D
 Acq: 31 Jul 2019 00:41

Tgt Ion: 75 Resp: 40975
 Ion Ratio Lower Upper
 75 100
 110 39.1 19.9 59.7
 77 31.8 25.0 37.4

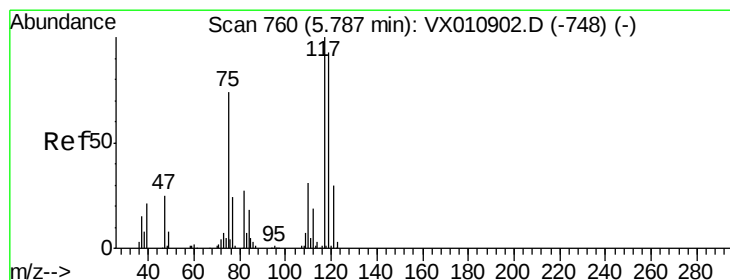
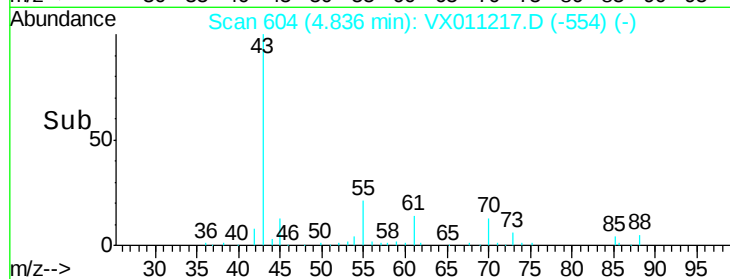
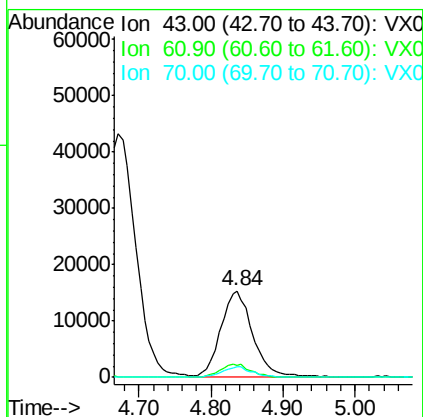
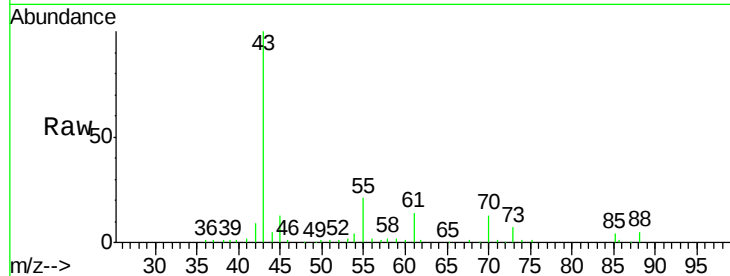




#37
Ethyl Acetate
Concen: 19.644 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX011217.D
Acq: 31 Jul 2019 00:41

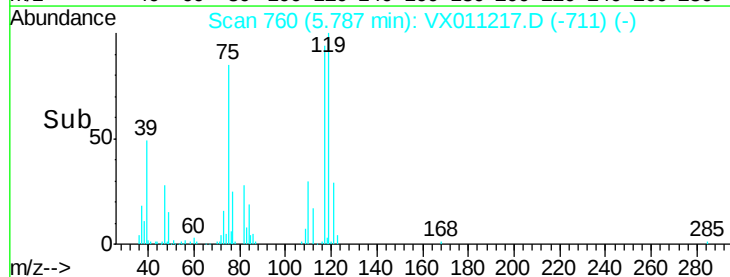
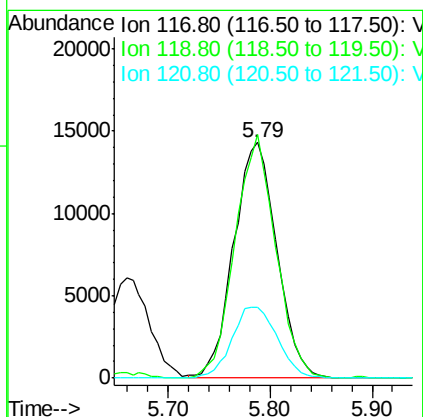
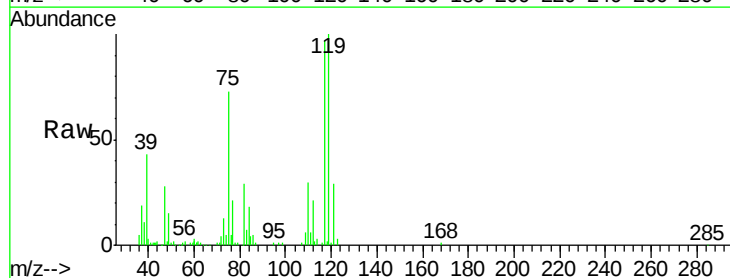
Instrument :
MSVOA_X
ClientSampleId :
VX0730WBS02

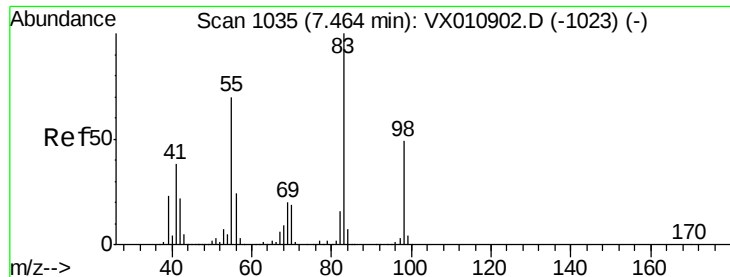
Tgt Ion: 43 Resp: 46386
Ion Ratio Lower Upper
43 100
61 15.5 11.6 17.4
70 11.8 9.1 13.7



#38
Carbon Tetrachloride
Concen: 17.490 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX011217.D
Acq: 31 Jul 2019 00:41

Tgt Ion: 117 Resp: 42029
Ion Ratio Lower Upper
117 100
119 103.2 74.2 111.2
121 29.8 24.2 36.2

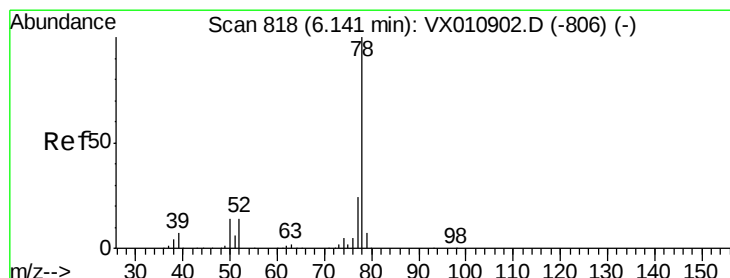
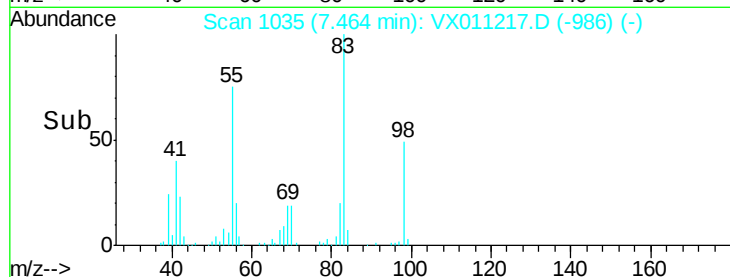
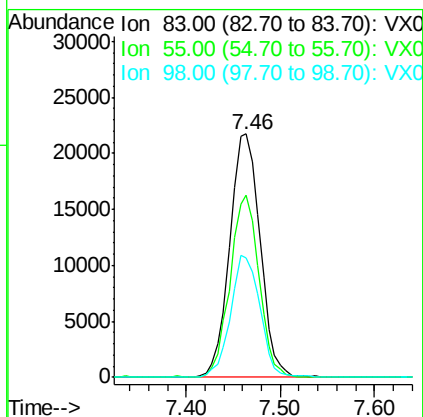
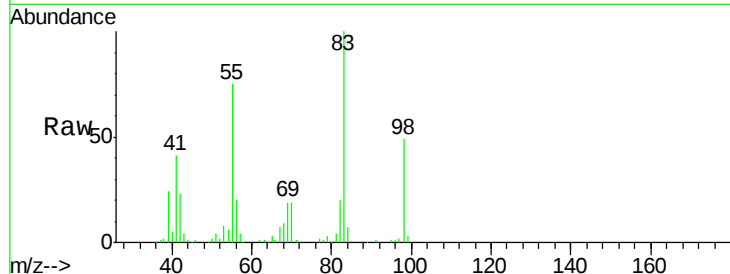




#39
Methylcyclohexane
Concen: 16.329 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX011217.D
Acq: 31 Jul 2019 00:41

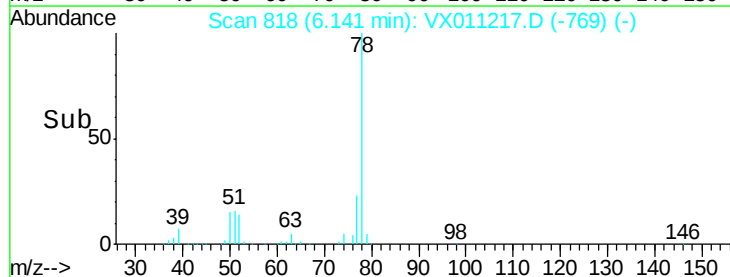
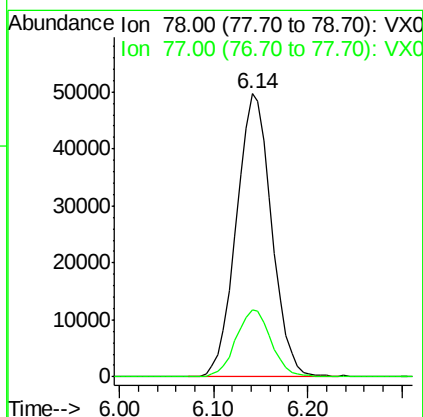
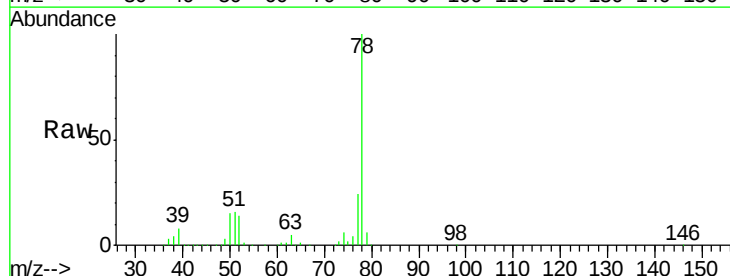
Instrument :
MSVOA_X
ClientSampleId :
VX0730WBS02

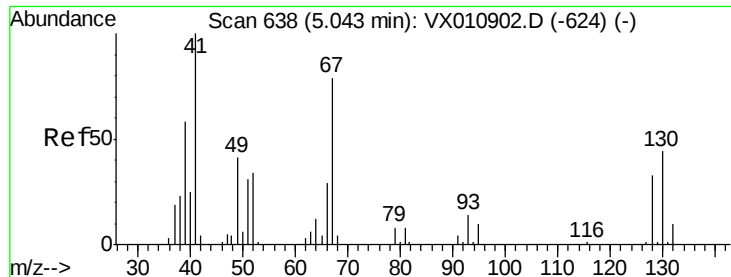
Tgt Ion: 83 Resp: 48831
Ion Ratio Lower Upper
83 100
55 74.8 56.2 84.4
98 48.9 39.0 58.4



#40
Benzene
Concen: 18.385 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX011217.D
Acq: 31 Jul 2019 00:41

Tgt Ion: 78 Resp: 129872
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6





#41

Methacrylonitrile

Concen: 18.835 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX011217.D

Acq: 31 Jul 2019 00:41

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBS02

Tgt Ion: 41 Resp: 25248

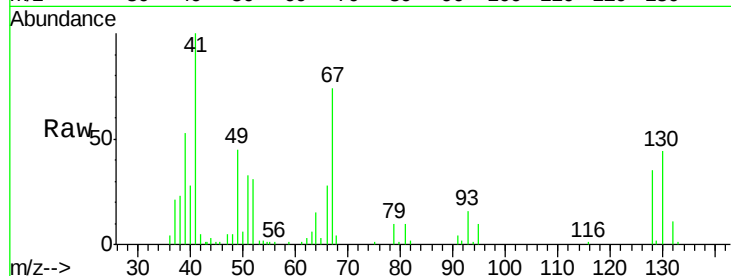
Ion Ratio Lower Upper

41 100

39 55.5 45.4 68.2

67 79.3 65.9 98.9

52 34.6 26.2 39.2

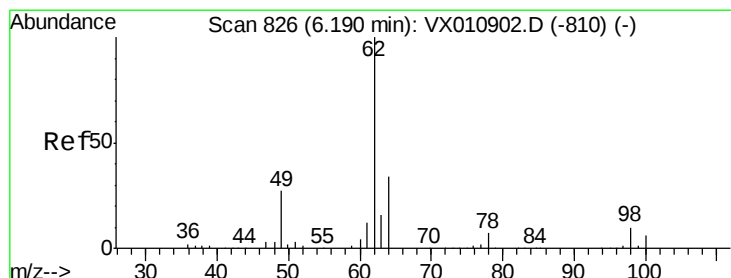
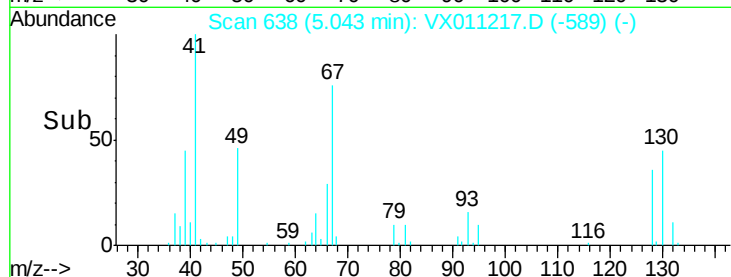
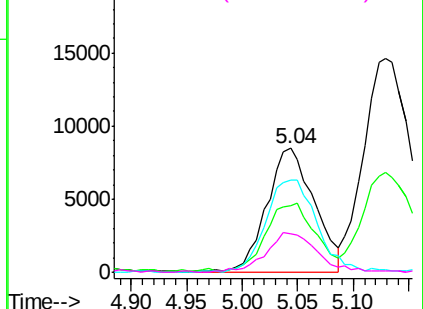


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 18.933 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.00 min

Lab File: VX011217.D

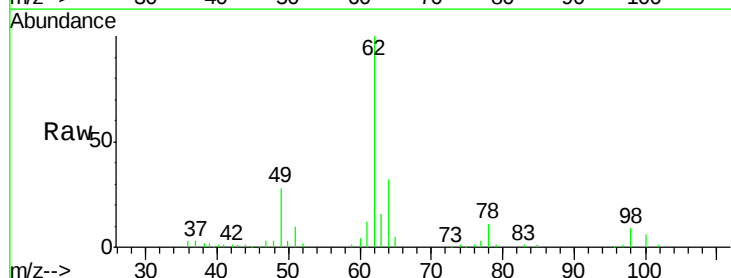
Acq: 31 Jul 2019 00:41

Tgt Ion: 62 Resp: 46502

Ion Ratio Lower Upper

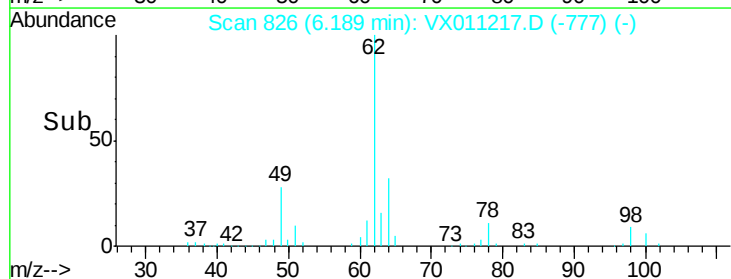
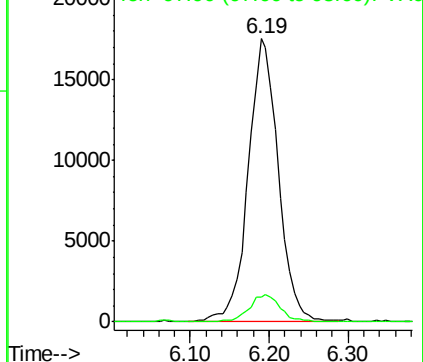
62 100

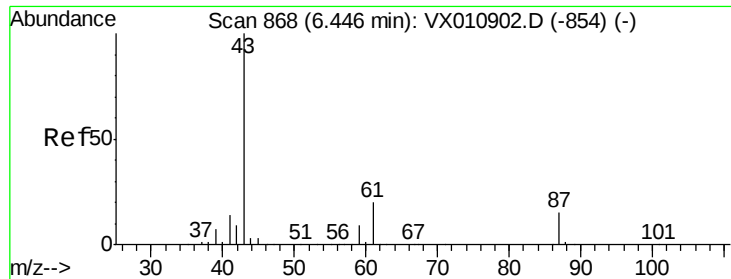
98 9.8 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 18.534 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX011217.D

Acq: 31 Jul 2019 00:41

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBS02

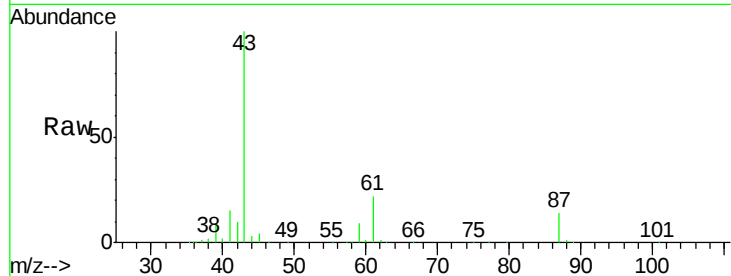
Tgt Ion: 43 Resp: 71964

Ion Ratio Lower Upper

43 100

61 21.3 17.1 25.7

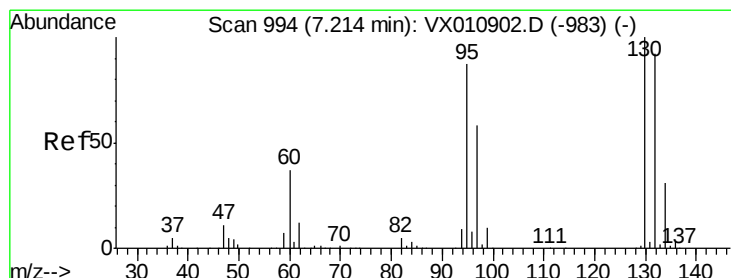
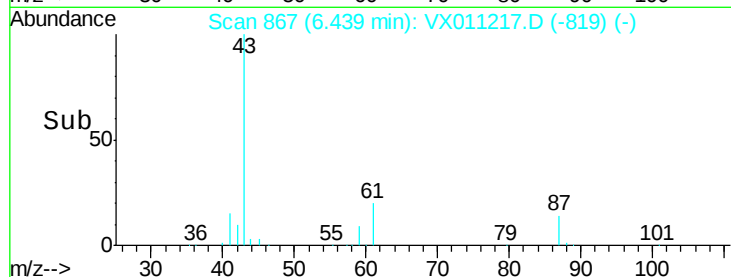
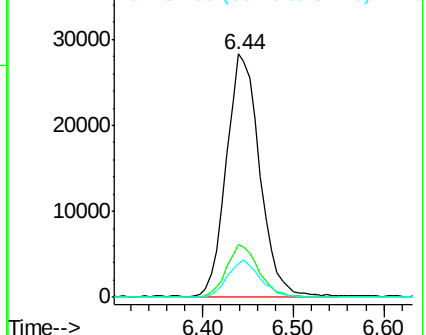
87 15.0 12.0 18.0



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: 18.040 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX011217.D

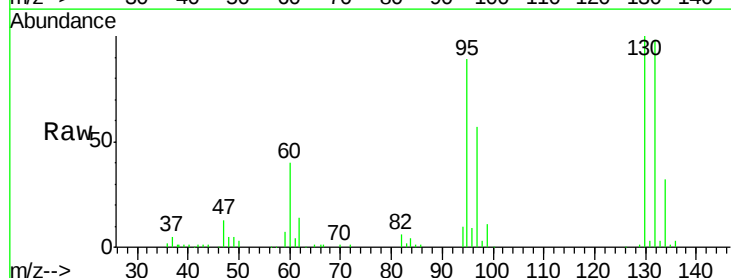
Acq: 31 Jul 2019 00:41

Tgt Ion: 130 Resp: 37721

Ion Ratio Lower Upper

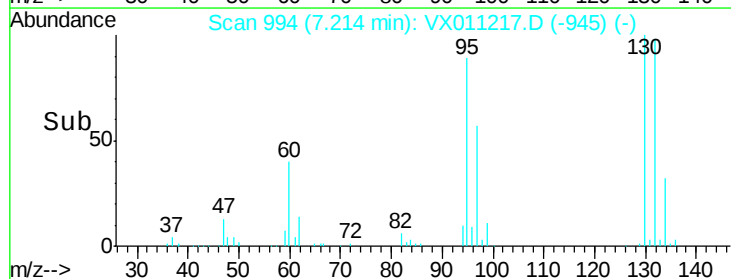
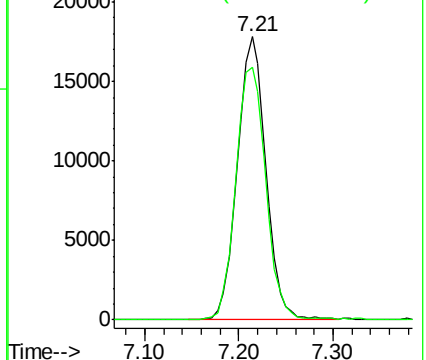
130 100

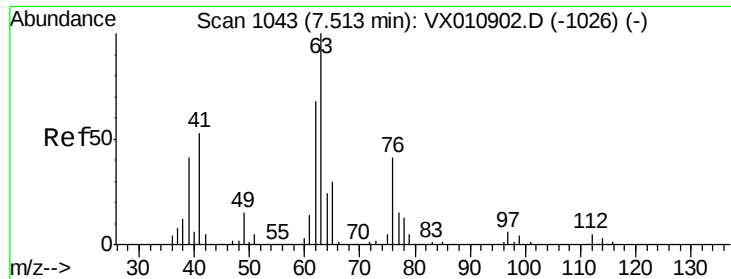
95 89.1 0.0 174.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 18.969 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX011217.D

Acq: 31 Jul 2019 00:41

Instrument :

MSVOA_X

ClientSampleId :

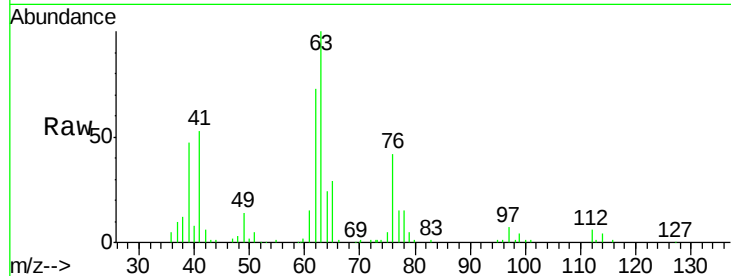
VX0730WBS02

Tgt Ion: 63 Resp: 34105

Ion Ratio Lower Upper

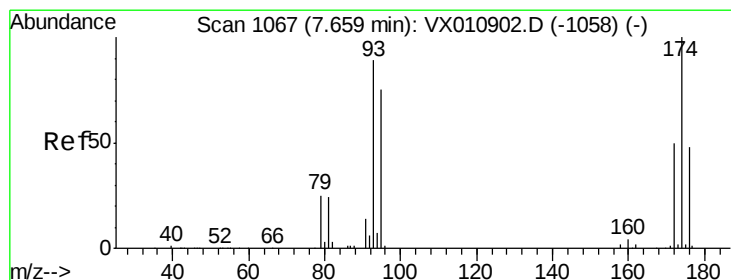
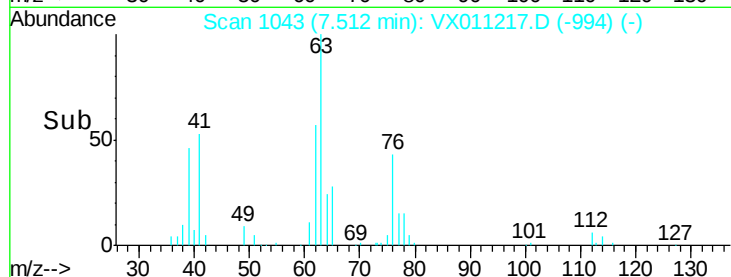
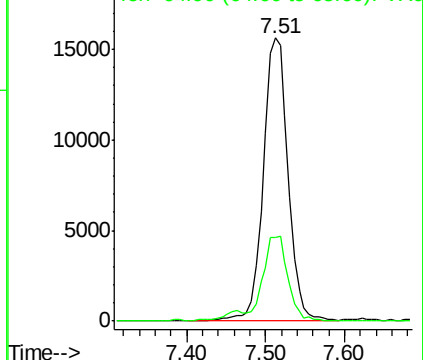
63 100

65 29.5 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.115 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX011217.D

Acq: 31 Jul 2019 00:41

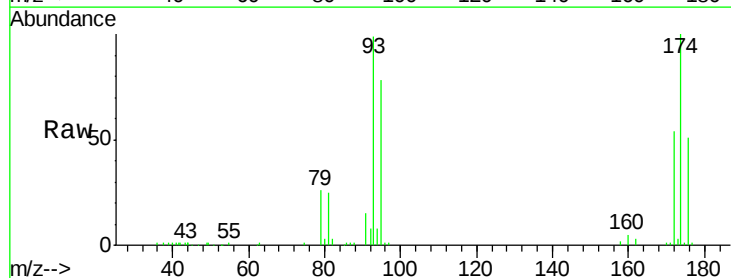
Tgt Ion: 93 Resp: 24558

Ion Ratio Lower Upper

93 100

95 83.2 67.2 100.8

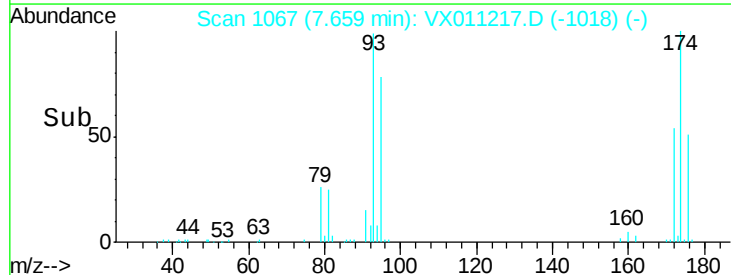
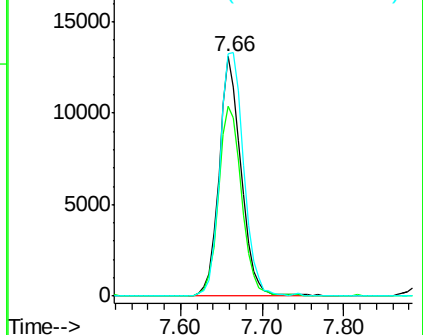
174 109.7 90.6 135.8

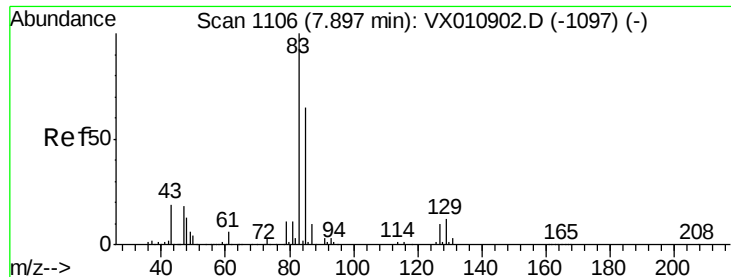


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

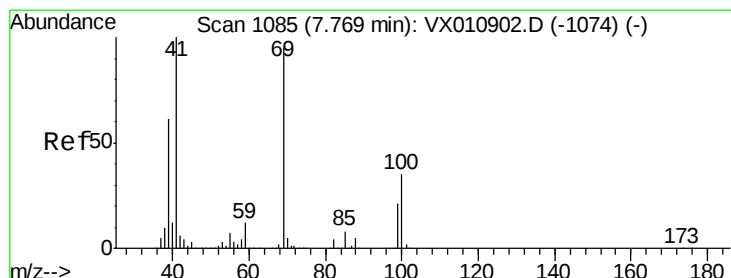
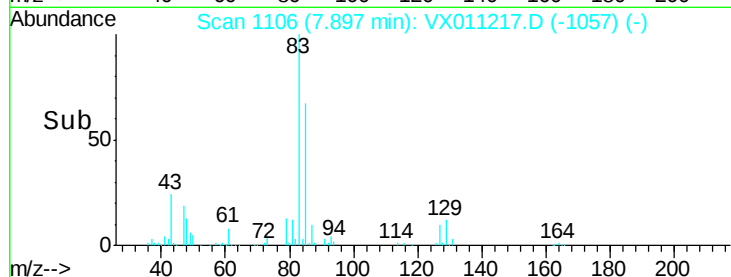
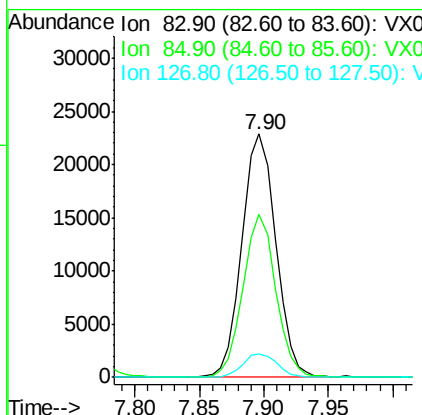
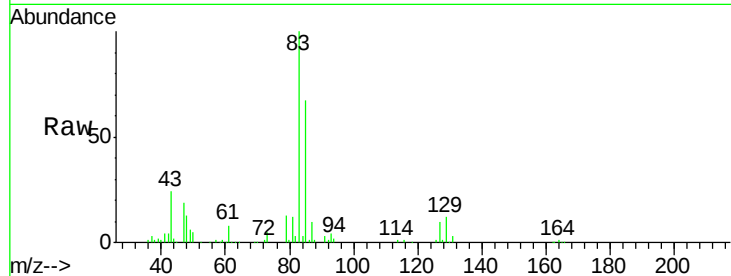




#47
 Bromodichloromethane
 Concen: 18.259 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. -0.00 min
 Lab File: VX011217.D
 Acq: 31 Jul 2019 00:41

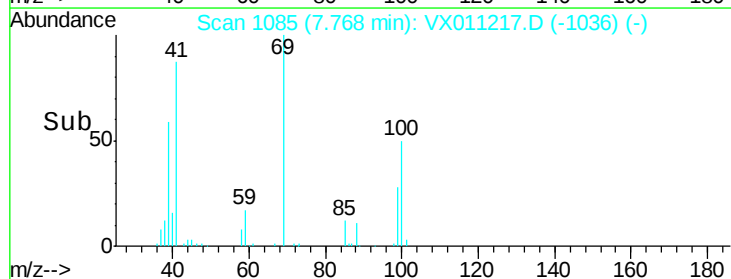
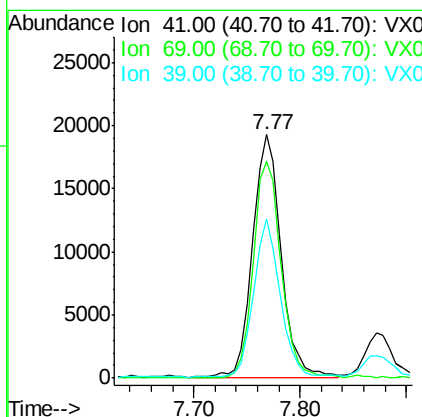
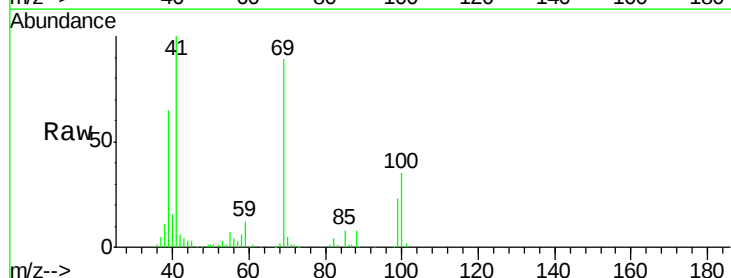
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBS02

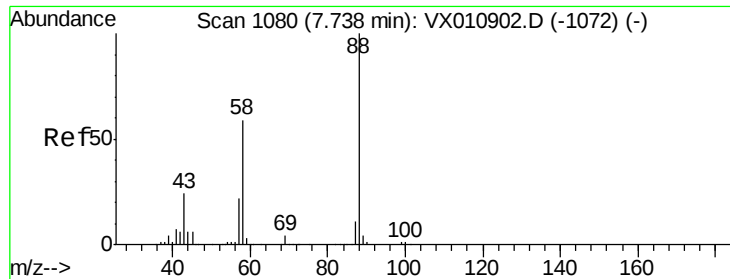
Tgt Ion: 83 Resp: 41758
 Ion Ratio Lower Upper
 83 100
 85 66.9 52.5 78.7
 127 9.7 7.8 11.8



#48
 Methyl methacrylate
 Concen: 19.092 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: VX011217.D
 Acq: 31 Jul 2019 00:41

Tgt Ion: 41 Resp: 36112
 Ion Ratio Lower Upper
 41 100
 69 87.8 74.4 111.6
 39 61.3 48.9 73.3

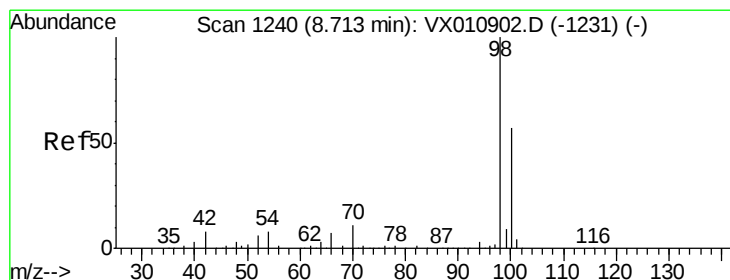
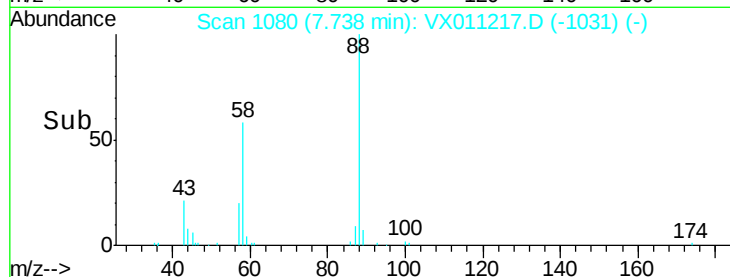
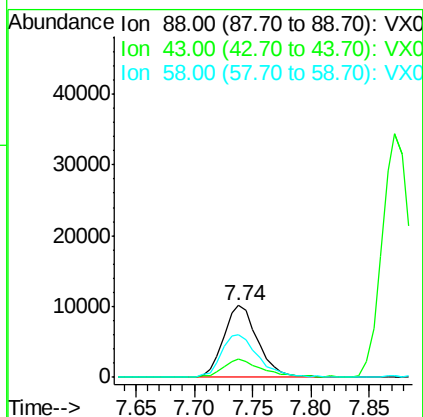
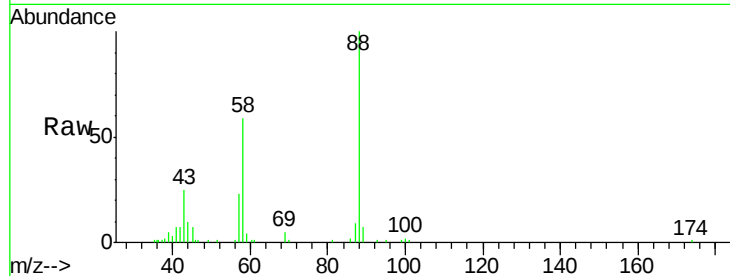




#49
 1,4-Dioxane
 Concen: 389.874 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX011217.D
 Acq: 31 Jul 2019 00:41

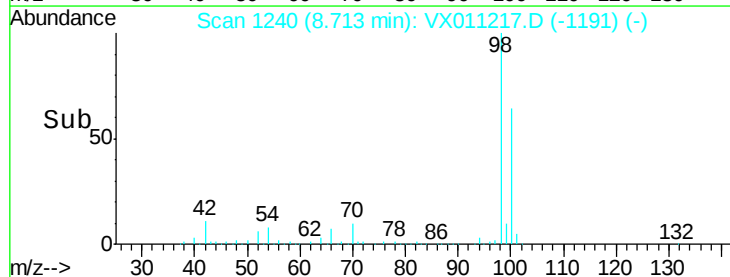
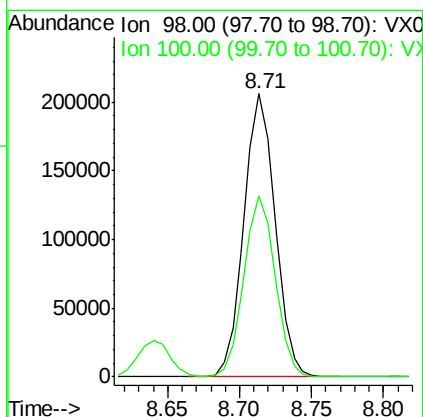
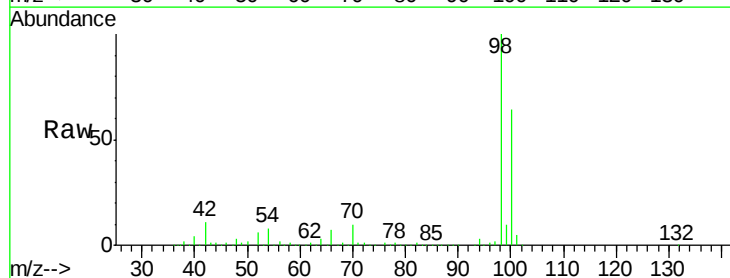
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBS02

Tgt Ion: 88 Resp: 20628
 Ion Ratio Lower Upper
 88 100
 43 29.8 22.9 34.3
 58 64.3 49.8 74.8



#50
 Toluene-d8
 Concen: 46.333 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX011217.D
 Acq: 31 Jul 2019 00:41

Tgt Ion: 98 Resp: 309666
 Ion Ratio Lower Upper
 98 100
 100 63.7 50.6 75.8

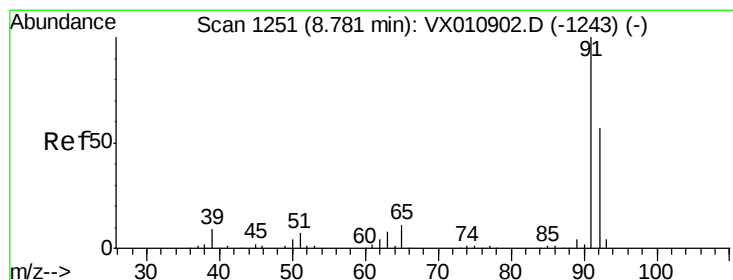
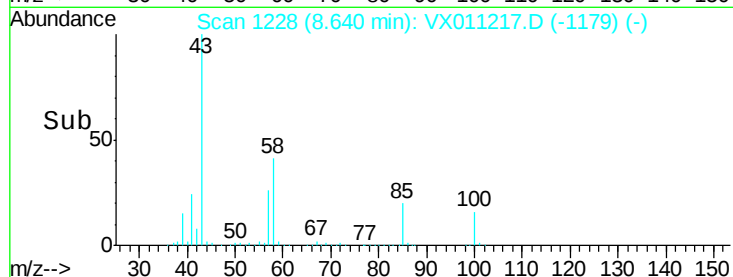
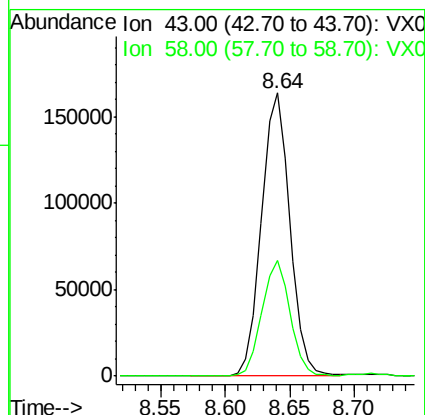
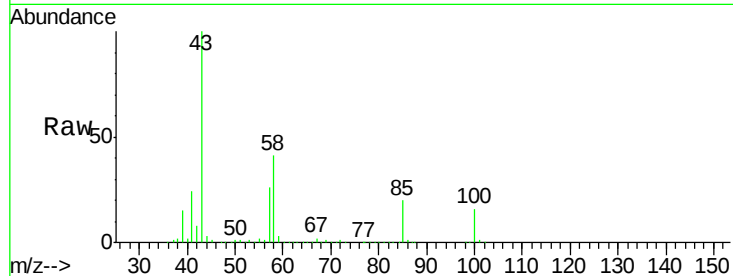




#51
 4-Methyl-2-Pentanone
 Concen: 99.357 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VX011217.D
 Acq: 31 Jul 2019 00:41

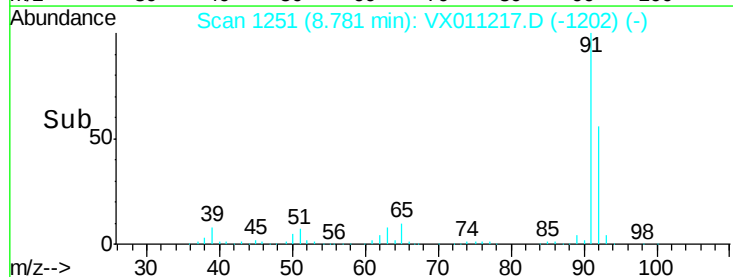
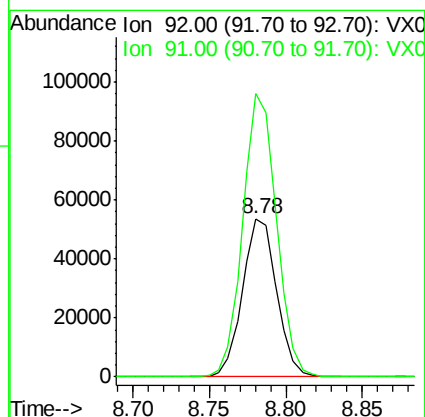
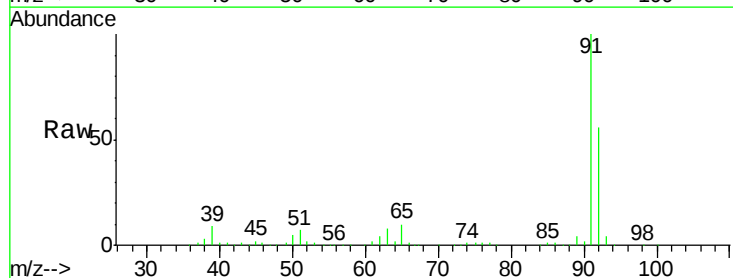
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBS02

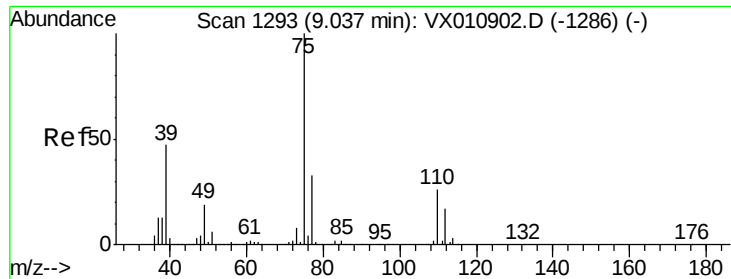
Tgt Ion: 43 Resp: 250076
 Ion Ratio Lower Upper
 43 100
 58 40.5 32.2 48.4



#52
 Toluene
 Concen: 17.891 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VX011217.D
 Acq: 31 Jul 2019 00:41

Tgt Ion: 92 Resp: 83022
 Ion Ratio Lower Upper
 92 100
 91 177.3 139.4 209.0

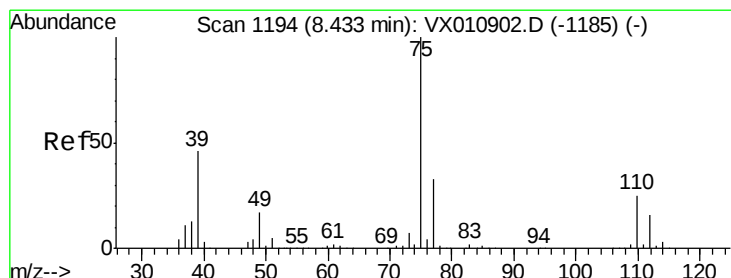
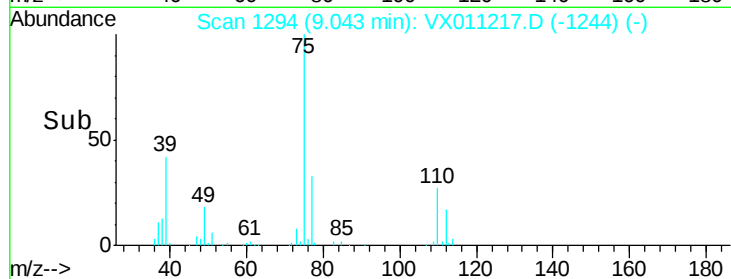
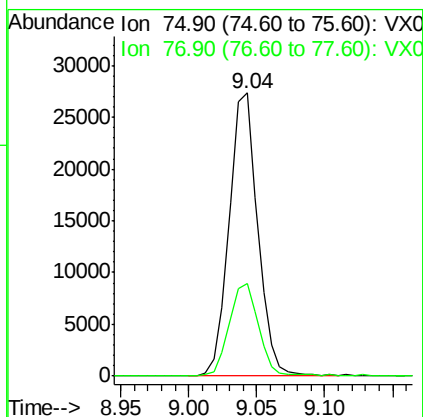
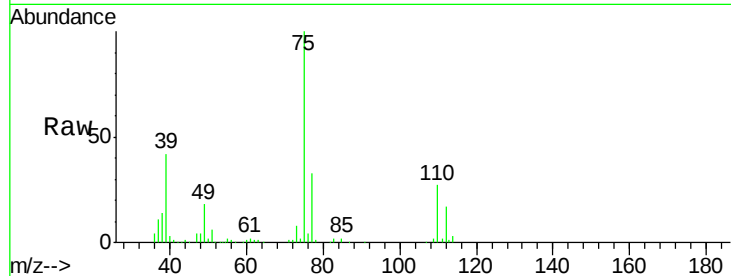




#53
 t-1,3-Dichloropropene
 Concen: 16.315 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: VX011217.D
 Acq: 31 Jul 2019 00:41

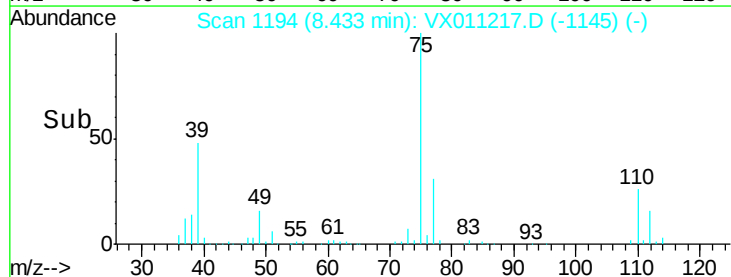
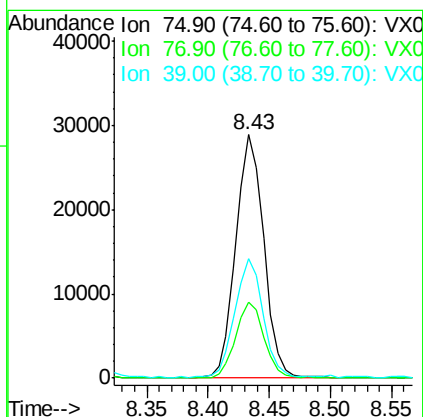
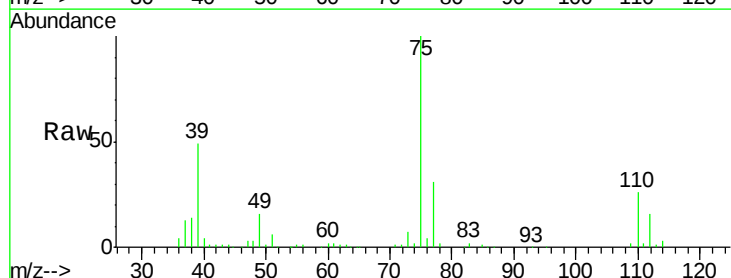
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBS02

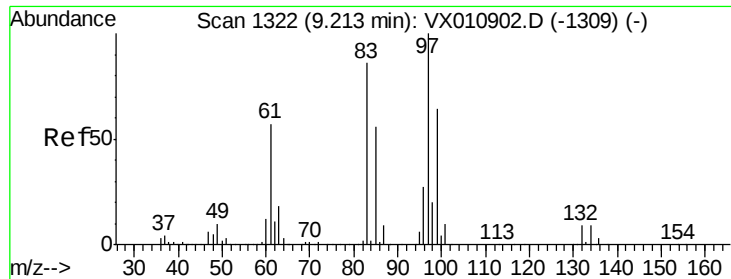
Tgt Ion: 75 Resp: 40118
 Ion Ratio Lower Upper
 75 100
 77 32.6 26.2 39.2



#54
 cis-1,3-Dichloropropene
 Concen: 16.765 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX011217.D
 Acq: 31 Jul 2019 00:41

Tgt Ion: 75 Resp: 45874
 Ion Ratio Lower Upper
 75 100
 77 31.2 26.1 39.1
 39 48.5 36.6 54.8

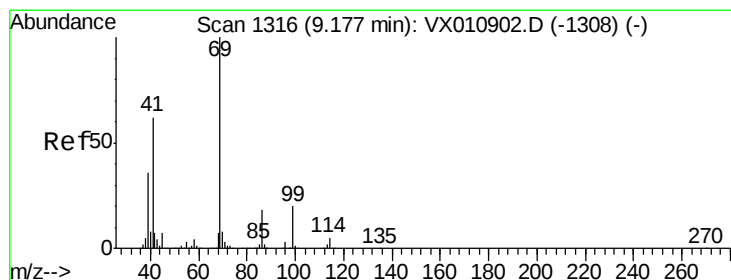
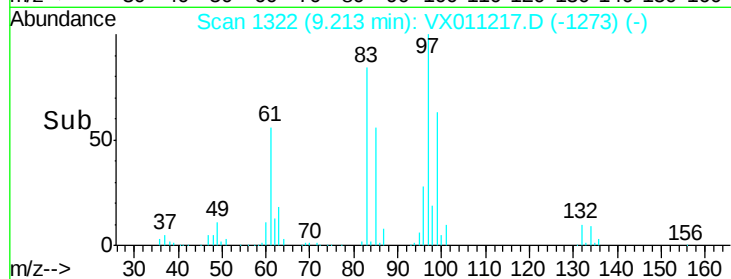
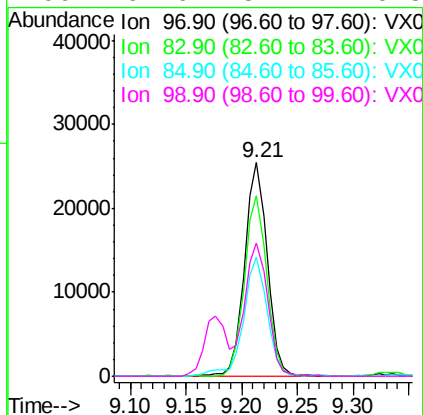
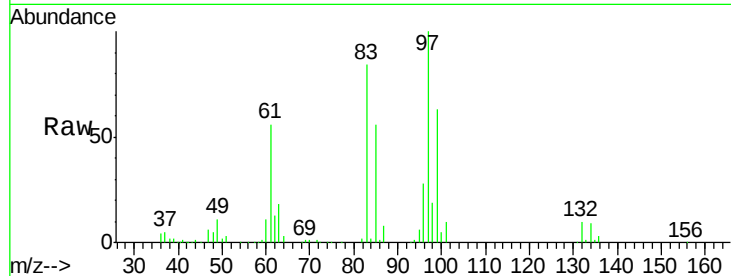




#55
 1,1,2-Trichloroethane
 Concen: 18.930 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX011217.D
 Acq: 31 Jul 2019 00:41

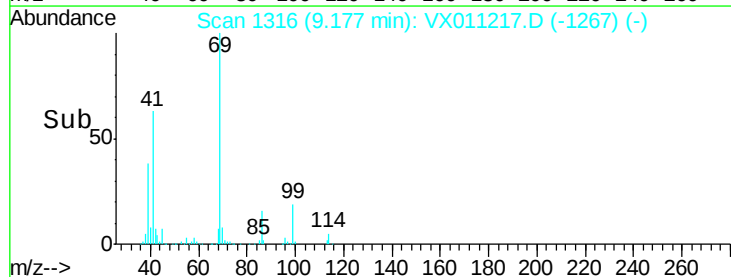
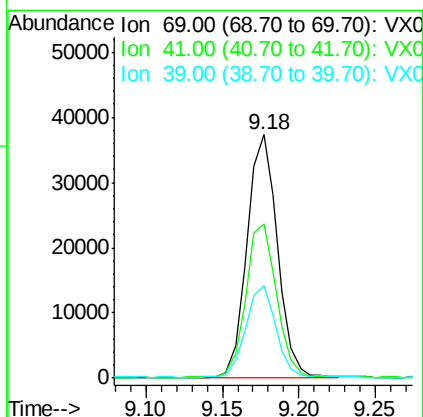
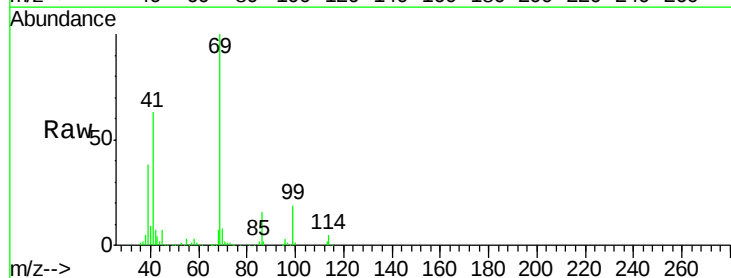
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBS02

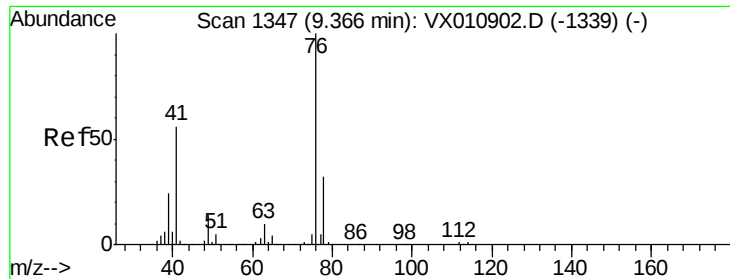
Tgt Ion:	97	Resp:	36170
Ion	Ratio	Lower	Upper
97	100		
83	84.3	69.2	103.8
85	55.5	44.6	66.8
99	62.6	51.2	76.8



#56
 Ethyl methacrylate
 Concen: 18.539 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX011217.D
 Acq: 31 Jul 2019 00:41

Tgt Ion:	69	Resp:	51816
Ion	Ratio	Lower	Upper
69	100		
41	63.8	49.7	74.5
39	38.1	29.6	44.4

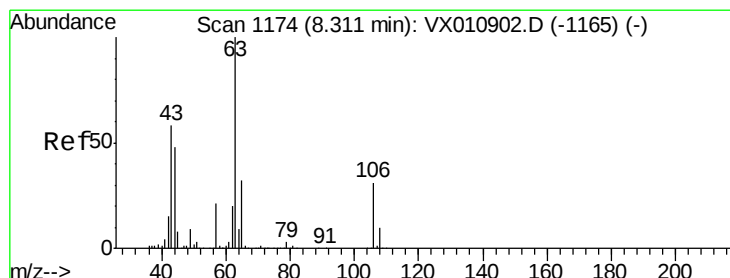
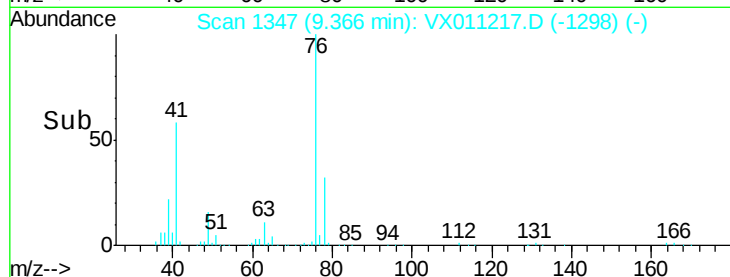
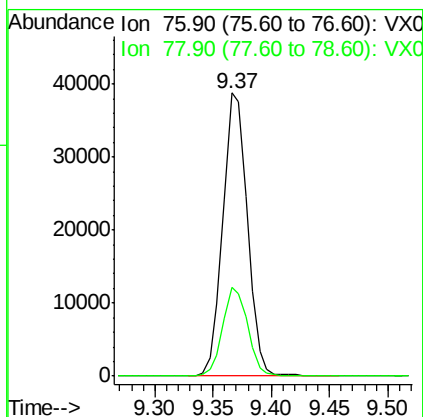
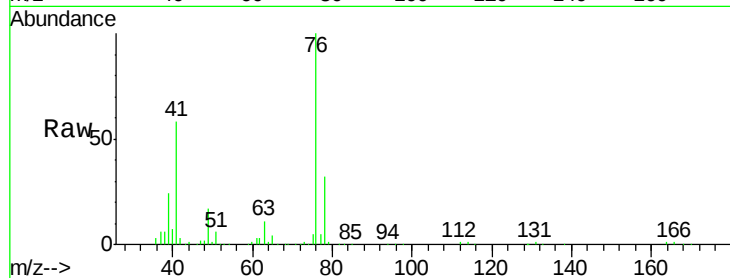




#57
 1,3-Dichloropropane
 Concen: 18.757 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.00 min
 Lab File: VX011217.D
 Acq: 31 Jul 2019 00:41

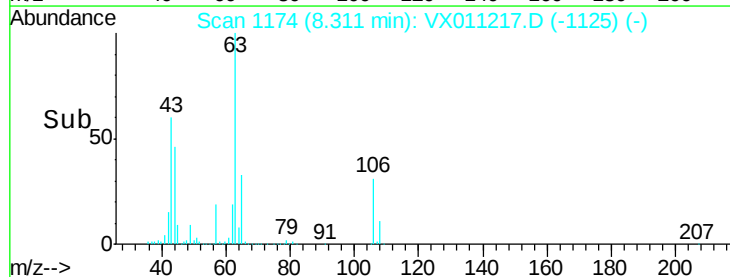
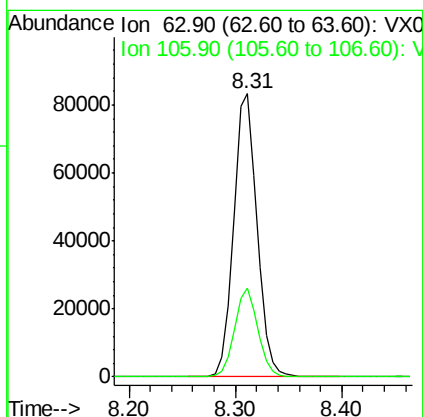
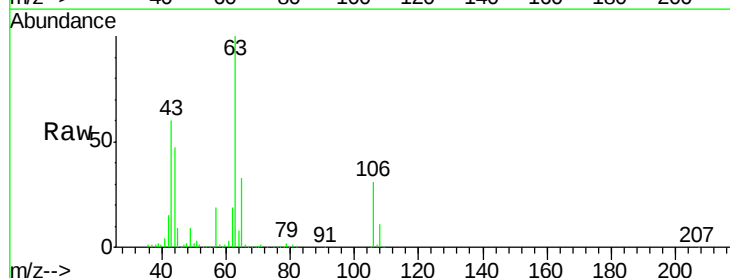
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBS02

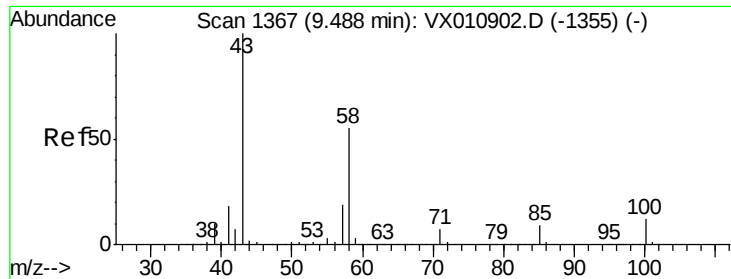
Tgt Ion: 76 Resp: 56855
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.443 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX011217.D
 Acq: 31 Jul 2019 00:41

Tgt Ion: 63 Resp: 128673
 Ion Ratio Lower Upper
 63 100
 106 31.1 24.0 36.0

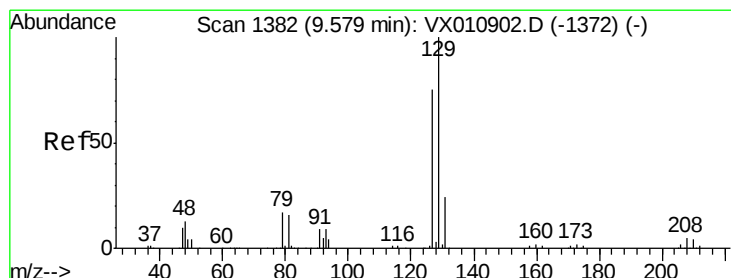
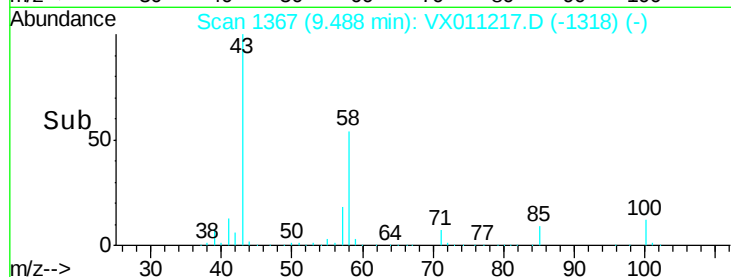
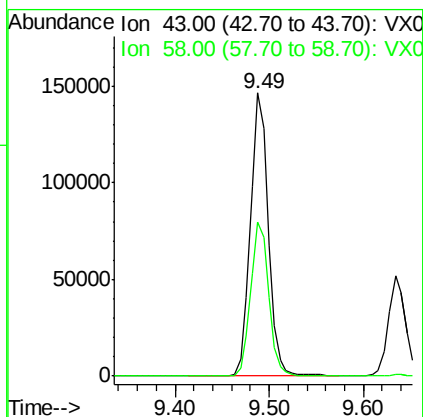
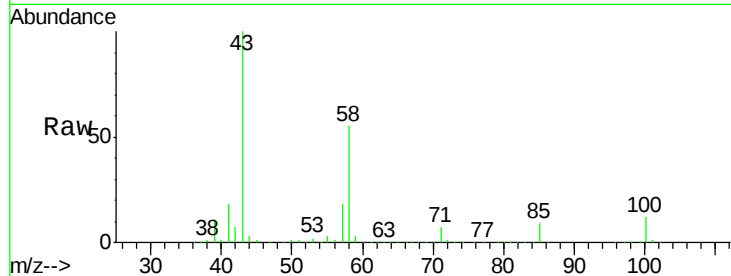




#59
2-Hexanone
Concen: 100.343 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX011217.D
Acq: 31 Jul 2019 00:41

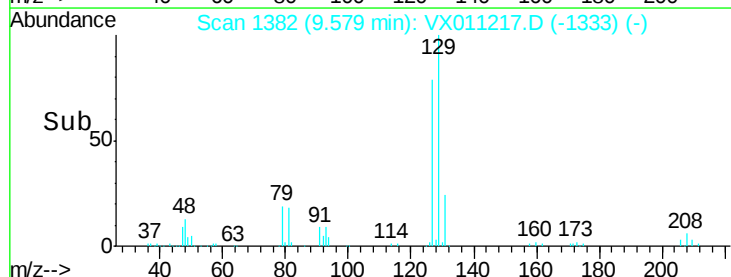
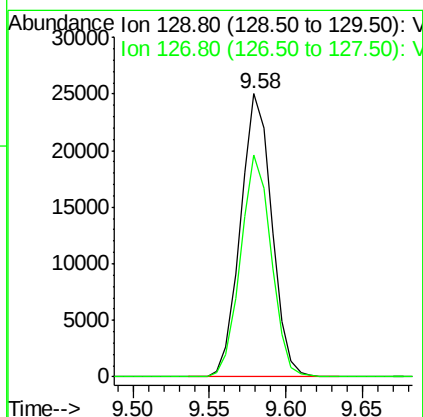
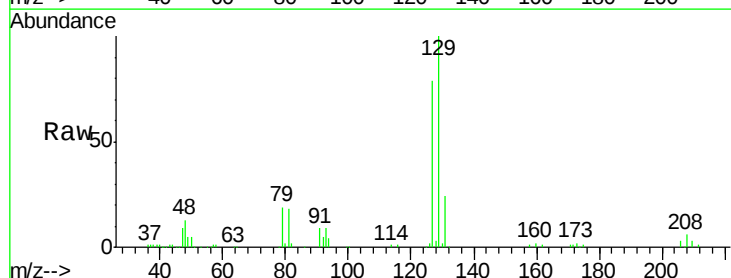
Instrument :
MSVOA_X
ClientSampleId :
VX0730WBS02

Tgt Ion: 43 Resp: 195888
Ion Ratio Lower Upper
43 100
58 55.4 28.0 83.9



#60
Dibromochloromethane
Concen: 17.834 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011217.D
Acq: 31 Jul 2019 00:41

Tgt Ion: 129 Resp: 35450
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.8





#61

1,2-Dibromoethane

Concen: 18.313 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX011217.D

Acq: 31 Jul 2019 00:41

Instrument :

MSVOA_X

ClientSampleId :

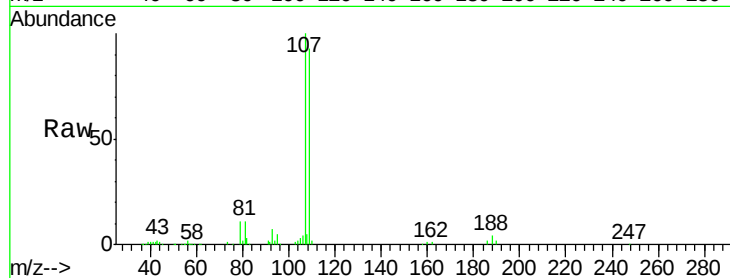
VX0730WBS02

Tgt Ion: 107 Resp: 37135

Ion Ratio Lower Upper

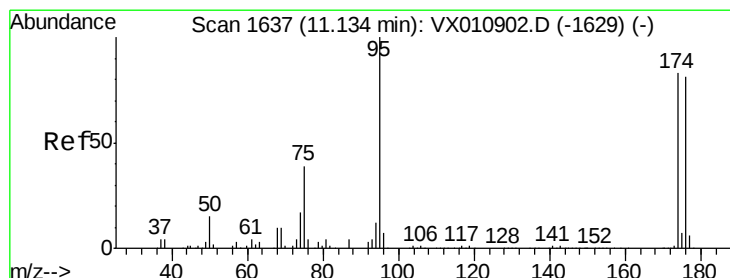
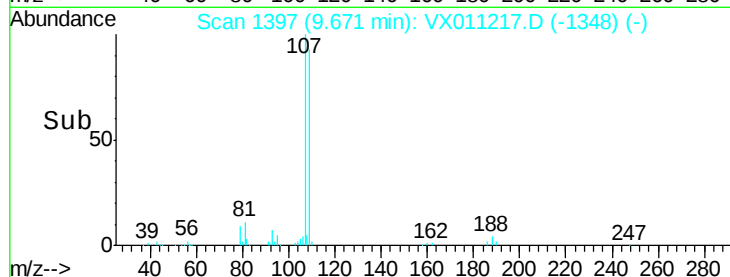
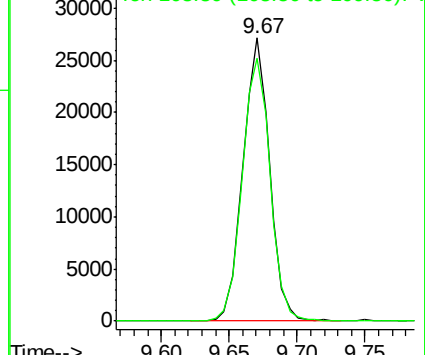
107 100

109 97.1 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.801 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011217.D

Acq: 31 Jul 2019 00:41

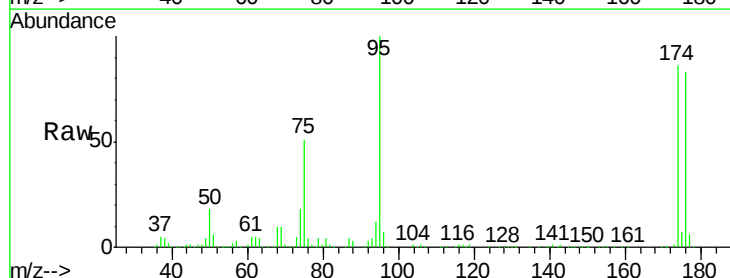
Tgt Ion: 95 Resp: 114972

Ion Ratio Lower Upper

95 100

174 90.7 0.0 180.6

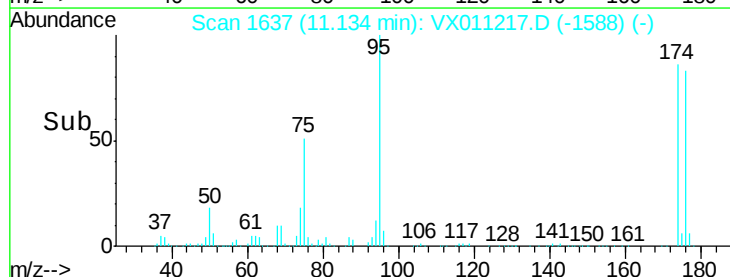
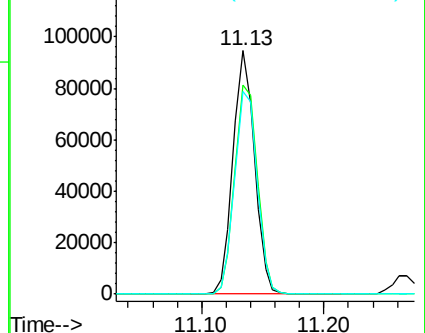
176 87.5 0.0 173.8



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

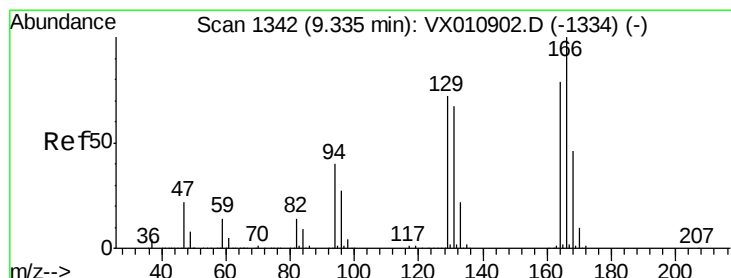
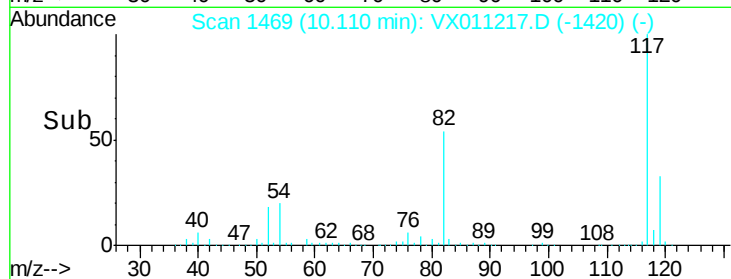
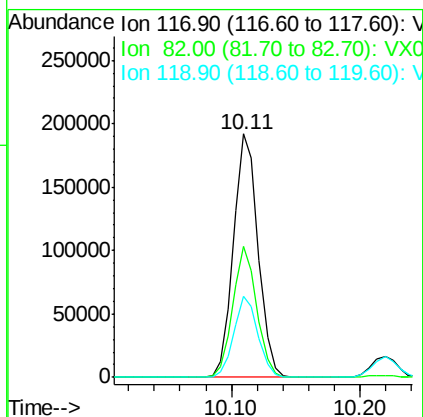
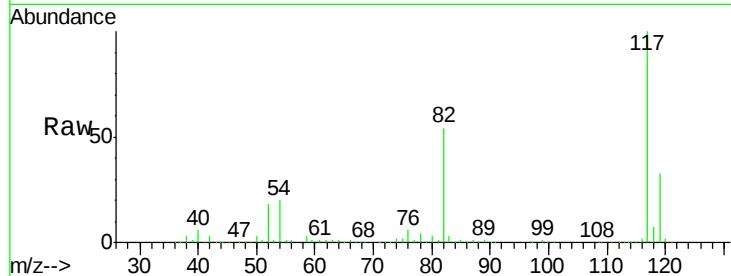




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011217.D
Acq: 31 Jul 2019 00:41

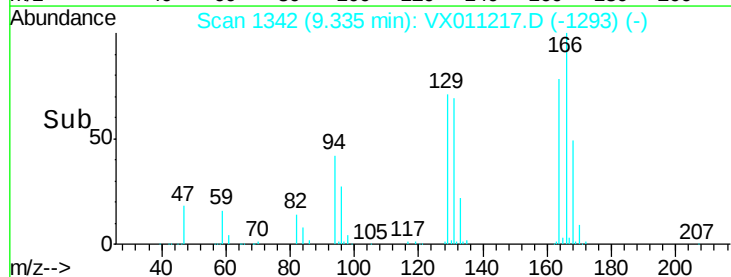
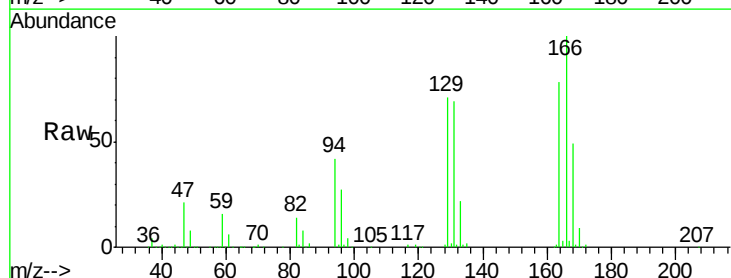
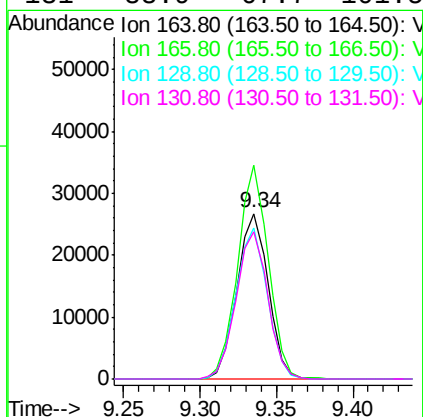
Instrument :
MSVOA_X
ClientSampled :
VX0730WBS02

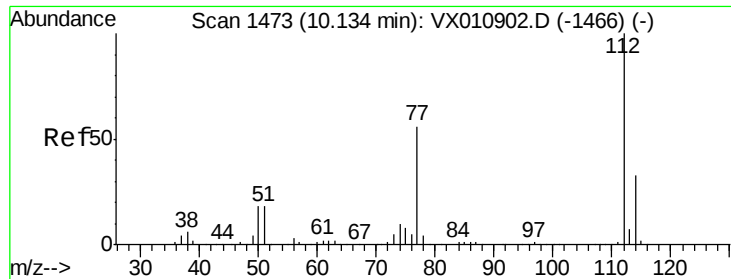
Tgt Ion:117 Resp: 256120
Ion Ratio Lower Upper
117 100
82 53.6 42.6 63.8
119 33.1 25.9 38.9



#64
Tetrachloroethene
Concen: 18.932 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX011217.D
Acq: 31 Jul 2019 00:41

Tgt Ion:164 Resp: 38145
Ion Ratio Lower Upper
164 100
166 128.9 100.8 151.2
129 91.2 72.6 109.0
131 88.9 67.7 101.5

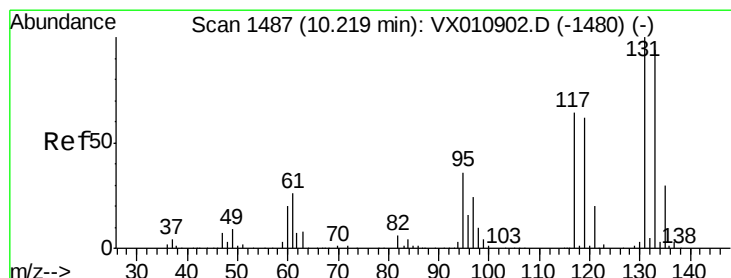
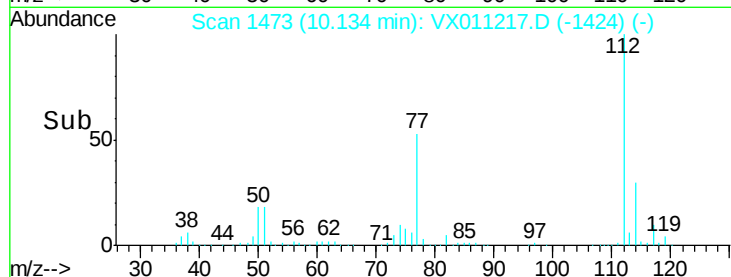
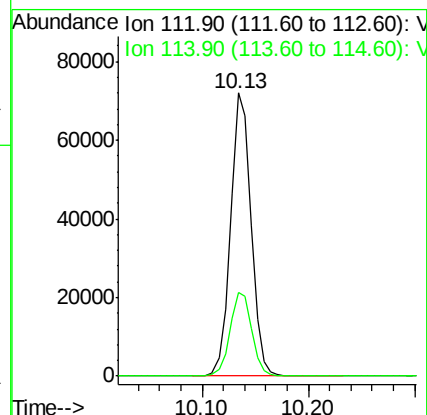
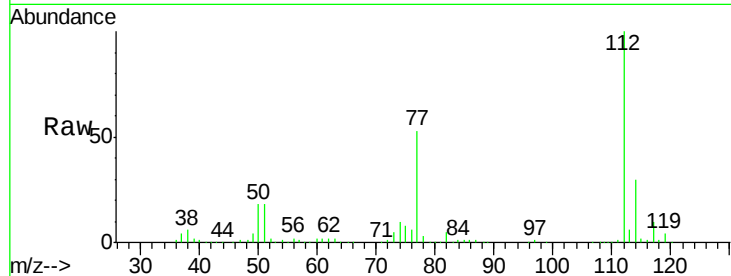




#65
Chlorobenzene
Concen: 18.482 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX011217.D
Acq: 31 Jul 2019 00:41

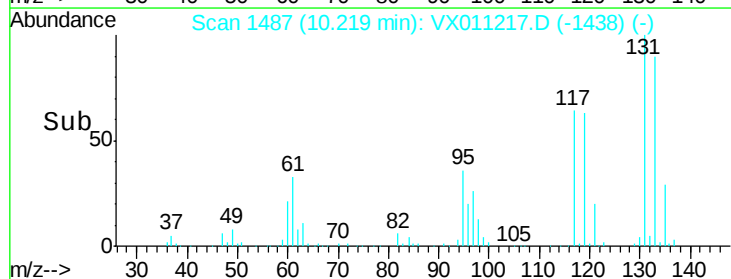
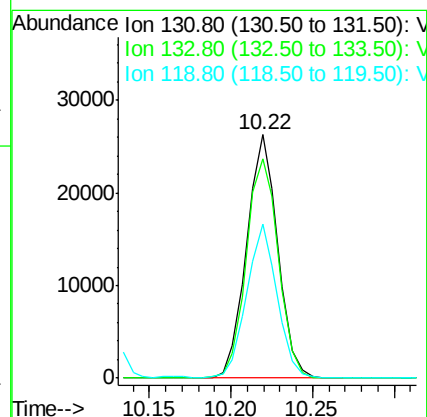
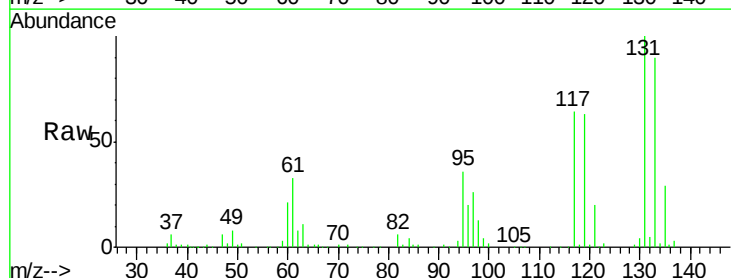
Instrument :
MSVOA_X
ClientSampleId :
VX0730WBS02

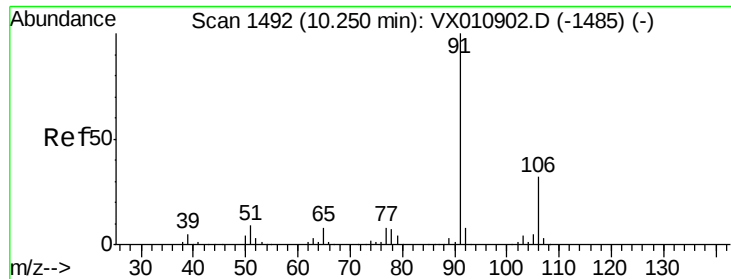
Tgt Ion:112 Resp: 97226
Ion Ratio Lower Upper
112 100
114 29.7 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 18.897 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX011217.D
Acq: 31 Jul 2019 00:41

Tgt Ion:131 Resp: 34937
Ion Ratio Lower Upper
131 100
133 92.8 47.1 141.4
119 62.1 31.9 95.7

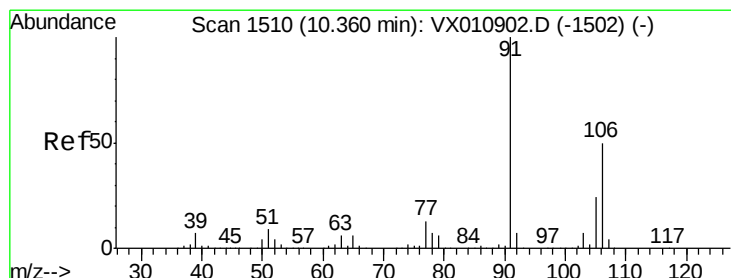
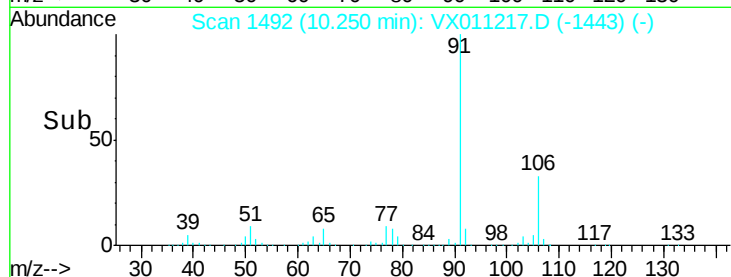
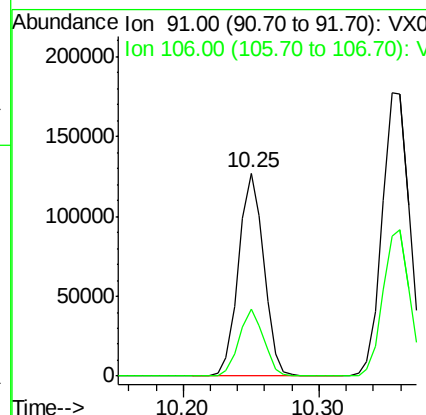
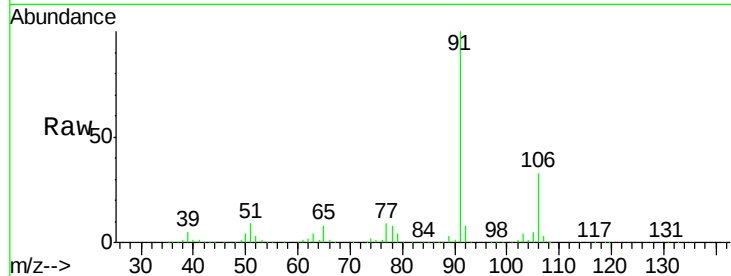




#67
Ethyl Benzene
Concen: 18.336 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX011217.D
Acq: 31 Jul 2019 00:41

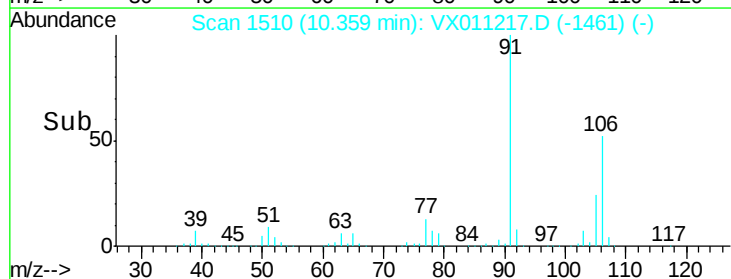
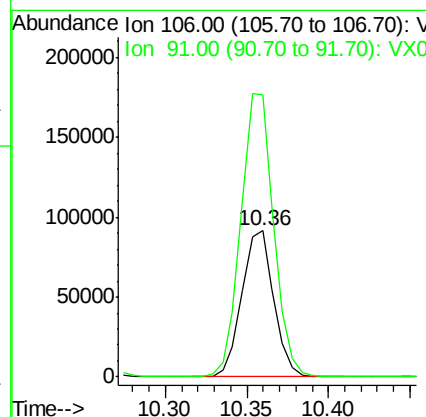
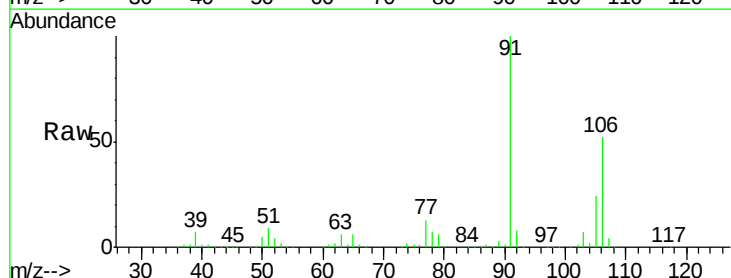
Instrument :
MSVOA_X
ClientSampleId :
VX0730WBS02

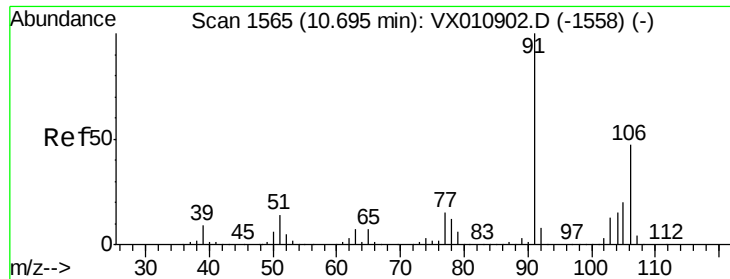
Tgt Ion: 91 Resp: 164184
Ion Ratio Lower Upper
91 100
106 33.1 25.4 38.2



#68
m/p-Xylenes
Concen: 36.521 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX011217.D
Acq: 31 Jul 2019 00:41

Tgt Ion: 106 Resp: 125439
Ion Ratio Lower Upper
106 100
91 198.0 160.1 240.1

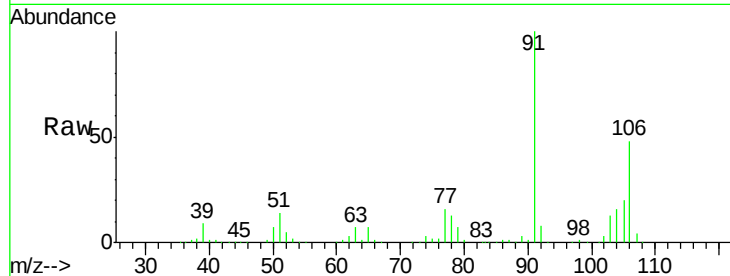




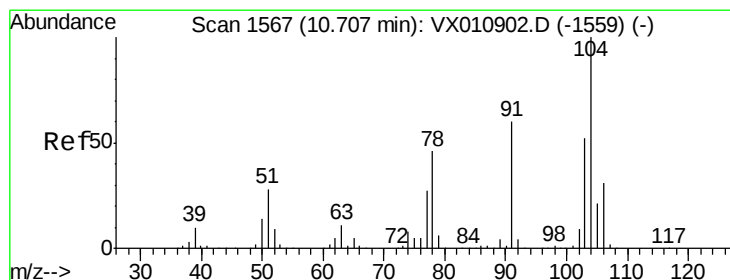
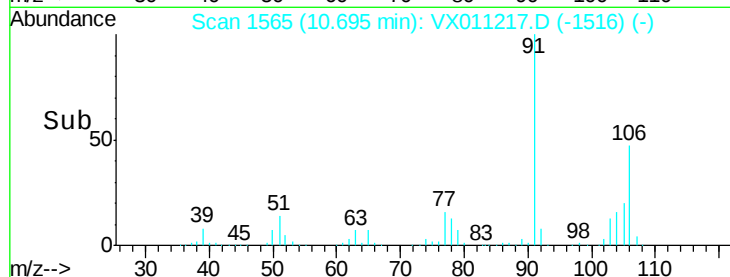
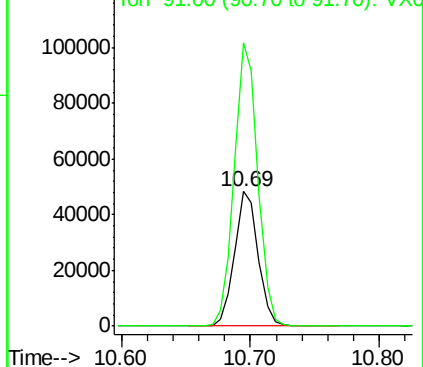
#69
o-Xylene
Concen: 18.460 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011217.D
Acq: 31 Jul 2019 00:41

Instrument :
MSVOA_X
ClientSampleId :
VX0730WBS02

Tgt Ion:106 Resp: 61878
Ion Ratio Lower Upper
106 100
91 210.4 105.1 315.3

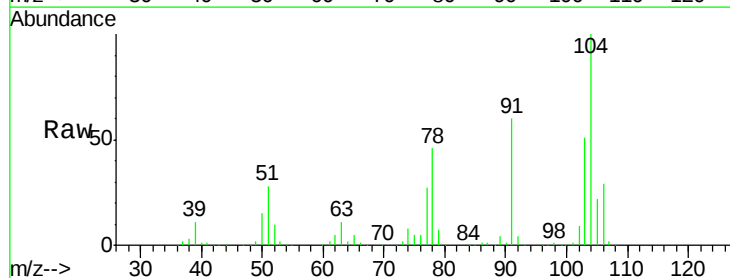


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

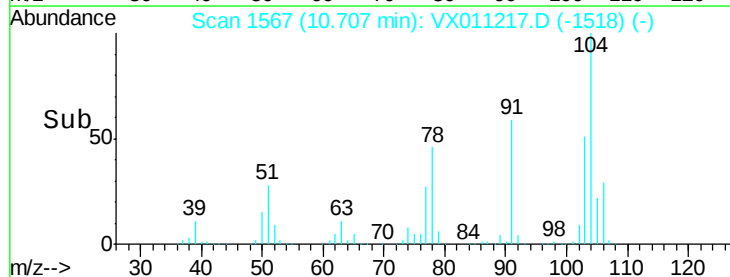
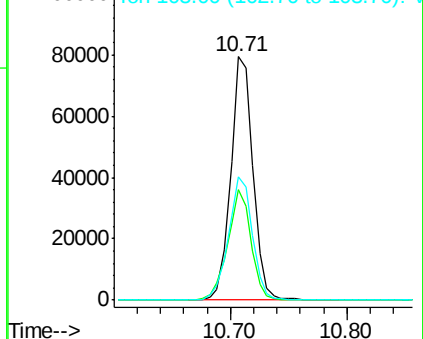


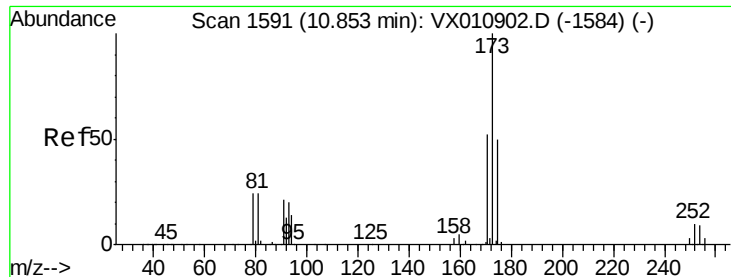
#70
Styrene
Concen: 18.808 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX011217.D
Acq: 31 Jul 2019 00:41

Tgt Ion:104 Resp: 105099
Ion Ratio Lower Upper
104 100
78 47.8 38.8 58.2
103 54.7 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 16.527 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011217.D

Acq: 31 Jul 2019 00:41

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBS02

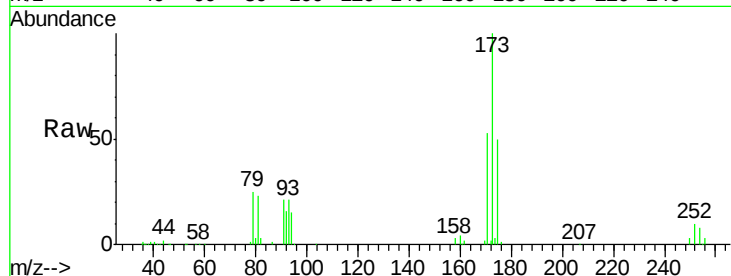
Tgt Ion:173 Resp: 24794

Ion Ratio Lower Upper

173 100

175 50.4 24.6 73.6

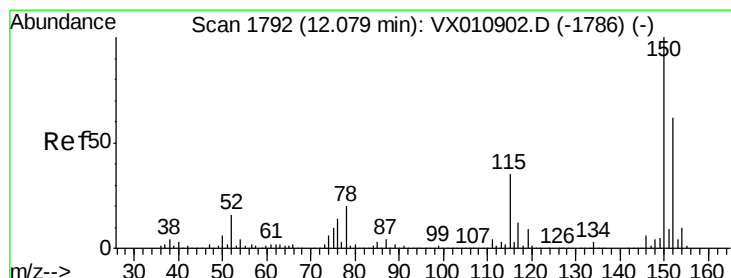
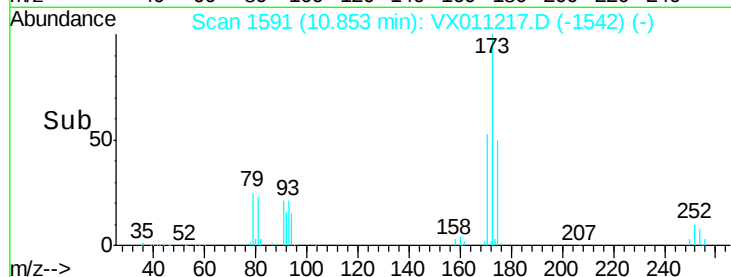
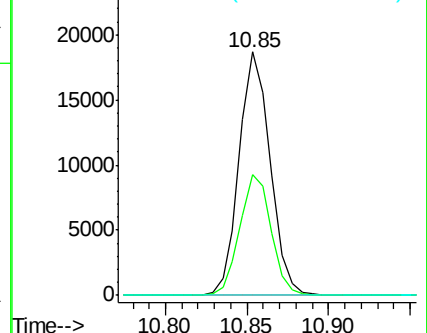
254 0.1 0.1 0.1



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: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX011217.D

Acq: 31 Jul 2019 00:41

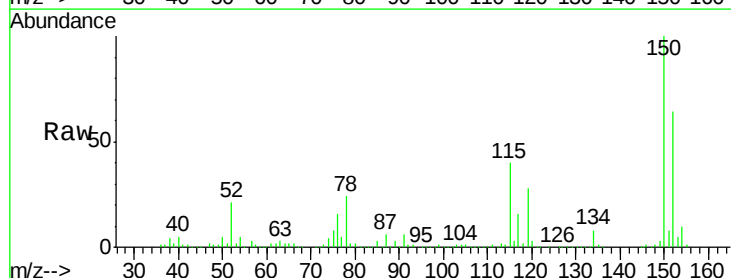
Tgt Ion:152 Resp: 135829

Ion Ratio Lower Upper

152 100

115 65.5 39.7 119.1

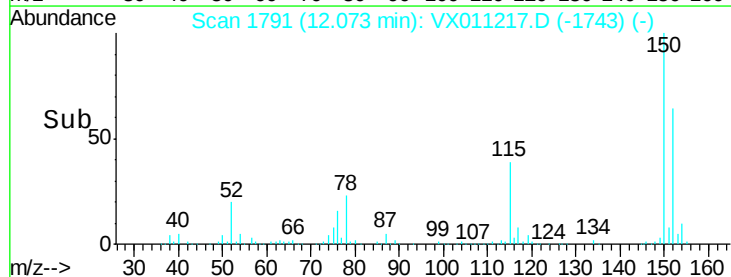
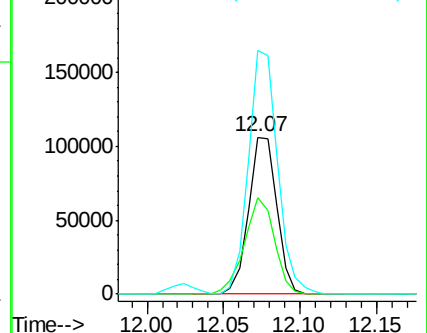
150 161.0 0.0 345.6

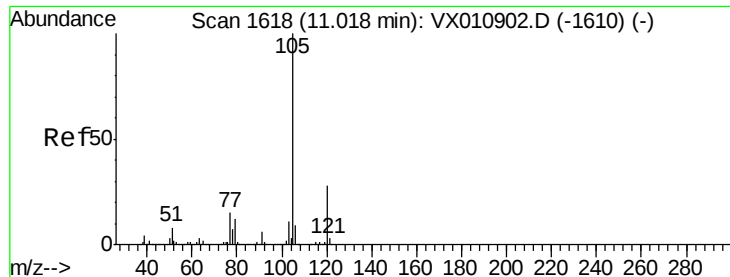


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.085 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011217.D

Acq: 31 Jul 2019 00:41

Instrument :

MSVOA_X

ClientSampleId :

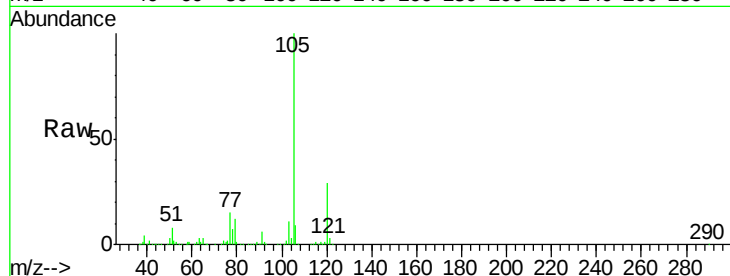
VX0730WBS02

Tgt Ion: 105 Resp: 165984

Ion Ratio Lower Upper

105 100

120 27.4 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

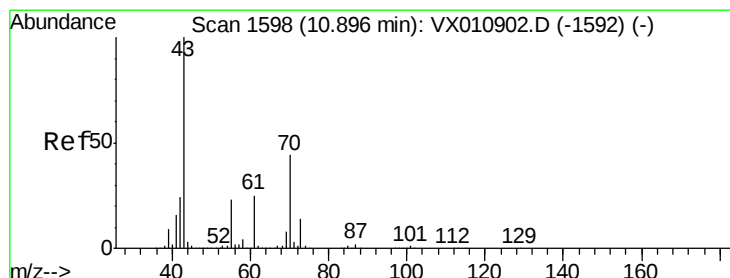
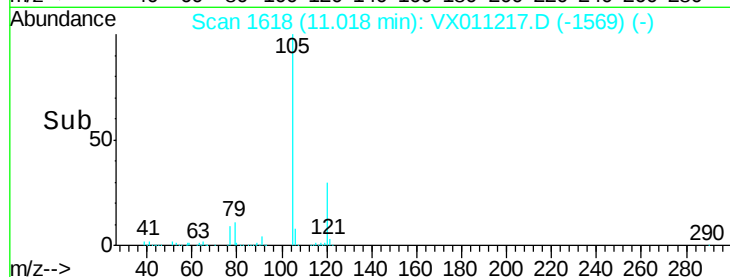
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 18.020 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX011217.D

Acq: 31 Jul 2019 00:41

Tgt Ion: 43 Resp: 63192

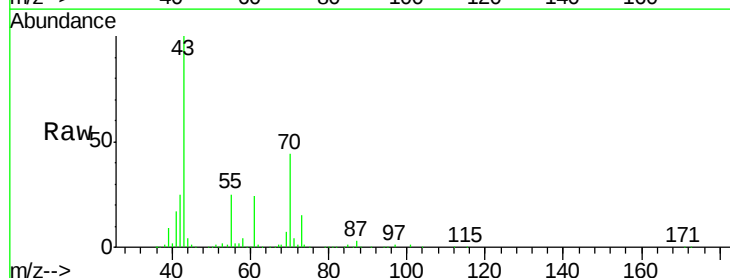
Ion Ratio Lower Upper

43 100

70 43.2 34.7 52.1

55 25.2 19.1 28.7

61 24.1 19.9 29.9



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

80000

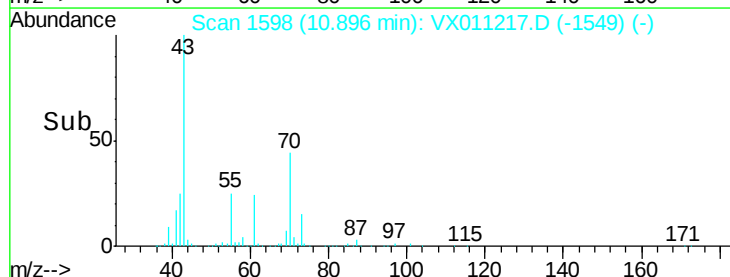
60000

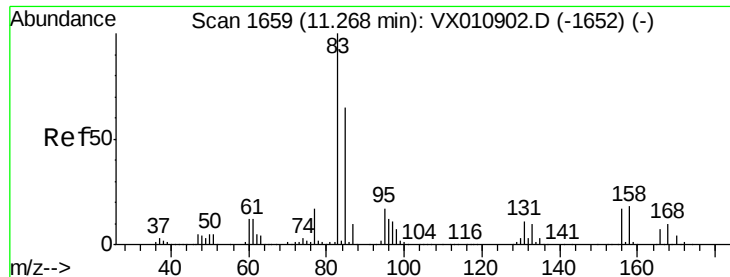
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.963 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011217.D

Acq: 31 Jul 2019 00:41

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBS02

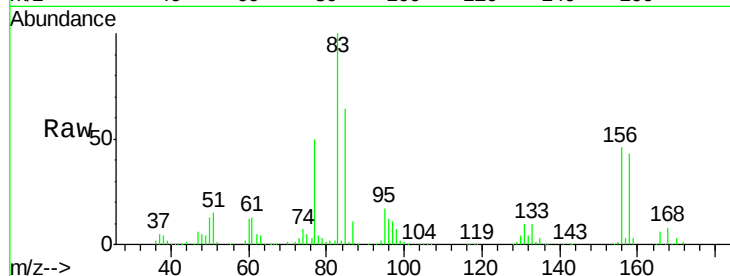
Tgt Ion: 83 Resp: 56955

Ion Ratio Lower Upper

83 100

131 11.2 5.5 16.4

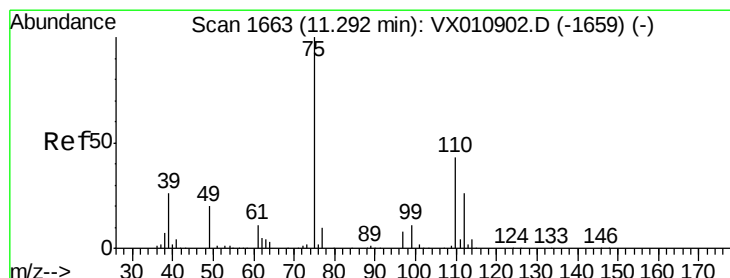
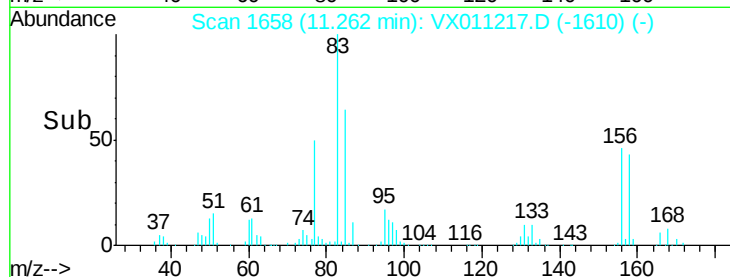
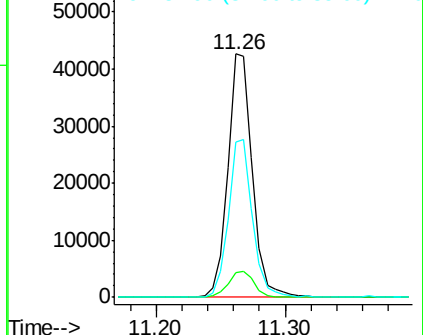
85 64.1 32.3 96.9



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: 23.587 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX011217.D

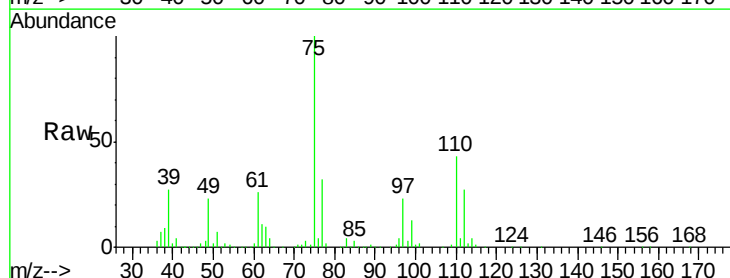
Acq: 31 Jul 2019 00:41

Tgt Ion: 75 Resp: 57814

Ion Ratio Lower Upper

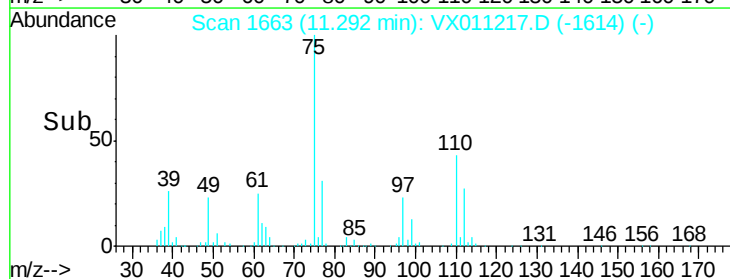
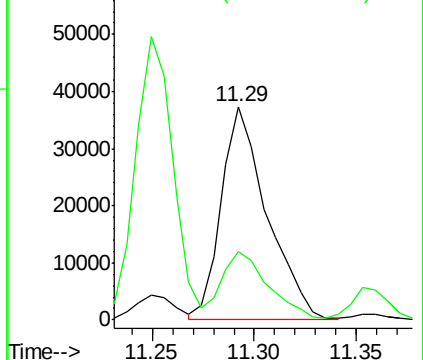
75 100

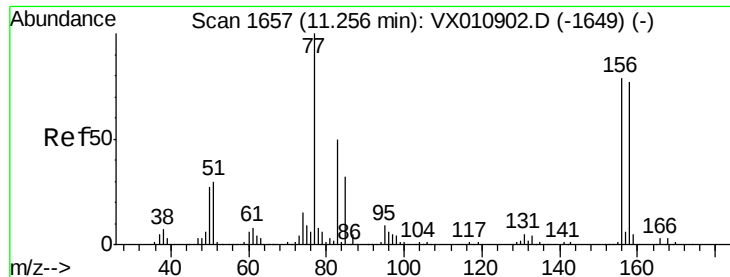
77 32.5 21.3 64.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 17.824 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX011217.D

Acq: 31 Jul 2019 00:41

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBS02

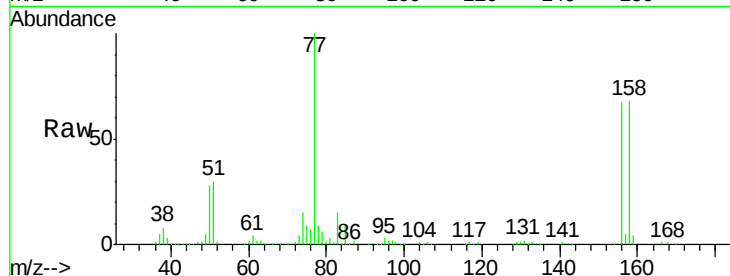
Tgt Ion:156 Resp: 45122

Ion Ratio Lower Upper

156 100

77 140.3 68.7 206.1

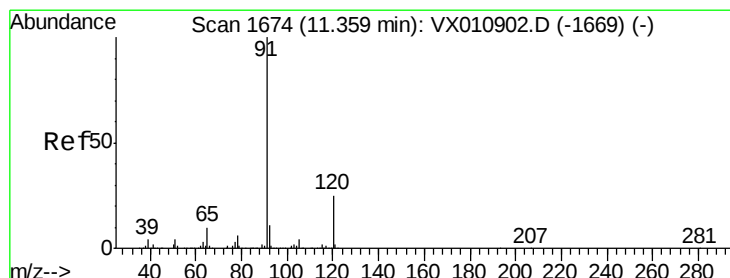
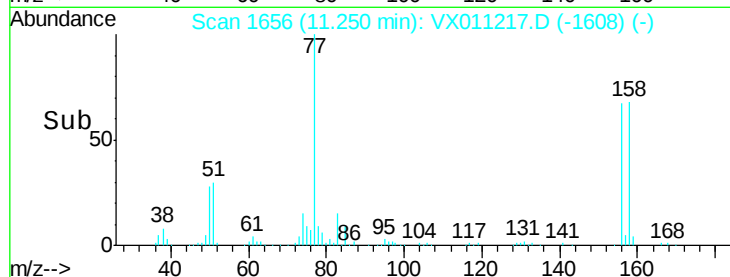
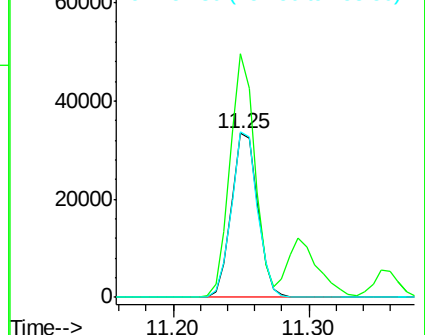
158 99.1 47.9 143.7



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: 18.047 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX011217.D

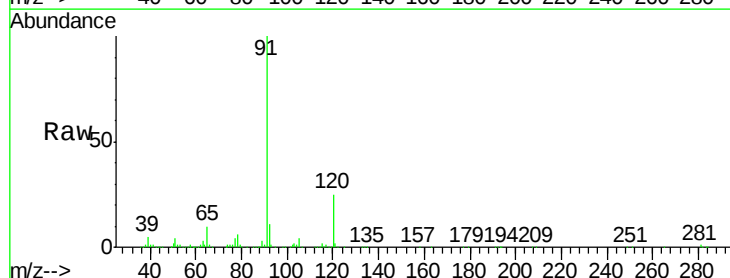
Acq: 31 Jul 2019 00:41

Tgt Ion: 91 Resp: 183008

Ion Ratio Lower Upper

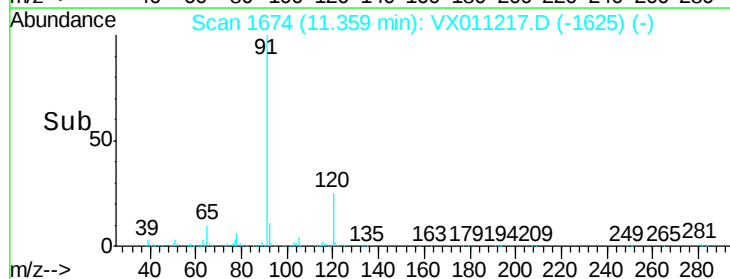
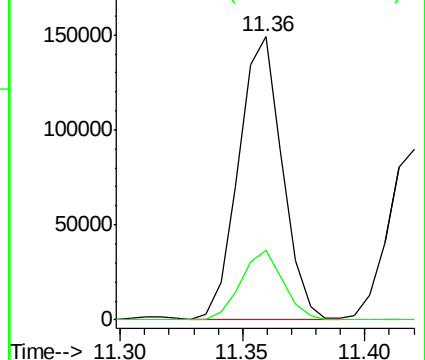
91 100

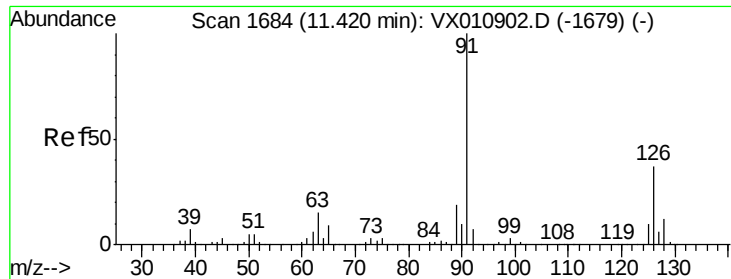
120 24.2 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.202 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX011217.D

Acq: 31 Jul 2019 00:41

Instrument :

MSVOA_X

ClientSampleId :

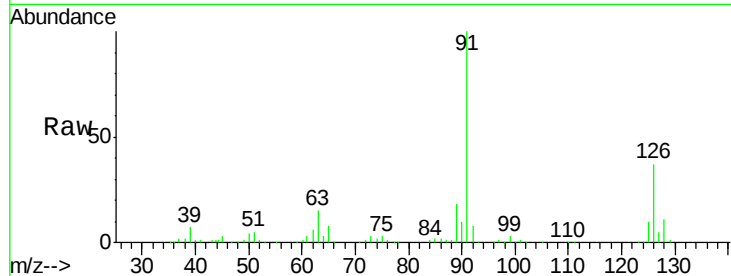
VX0730WBS02

Tgt Ion: 91 Resp: 110886

Ion Ratio Lower Upper

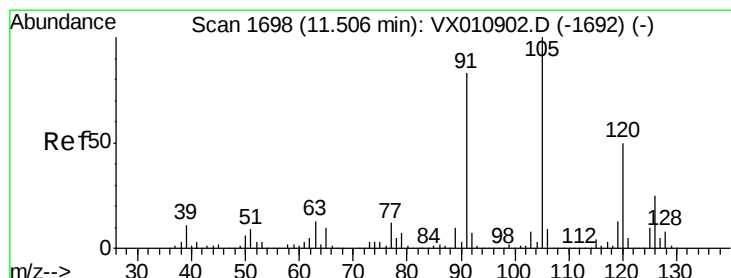
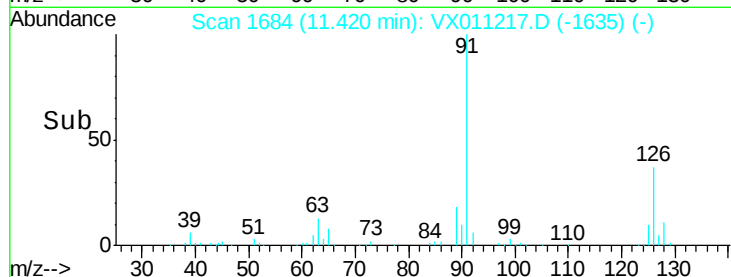
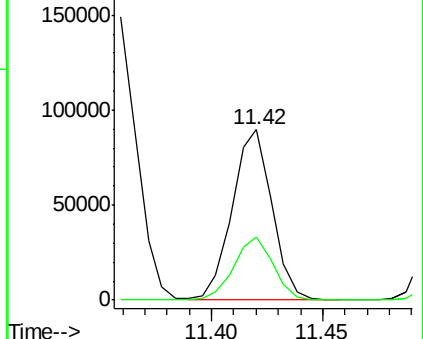
91 100

126 36.8 18.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 18.354 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011217.D

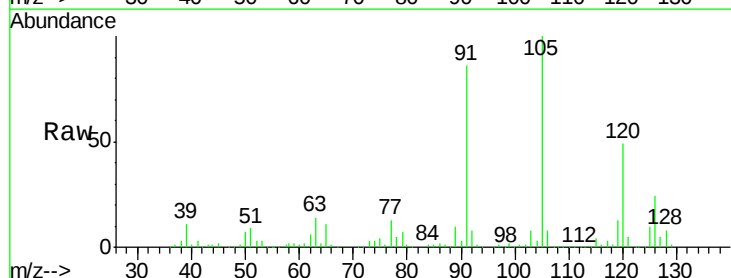
Acq: 31 Jul 2019 00:41

Tgt Ion: 105 Resp: 140759

Ion Ratio Lower Upper

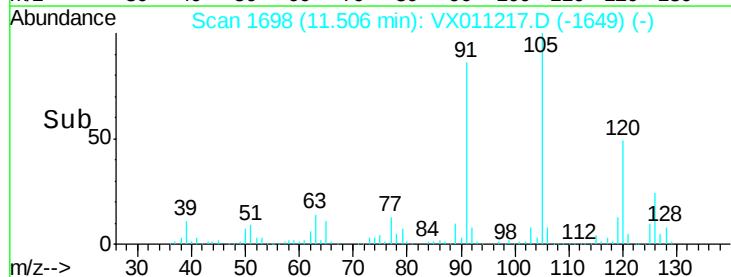
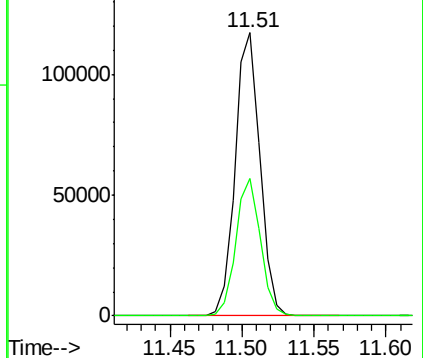
105 100

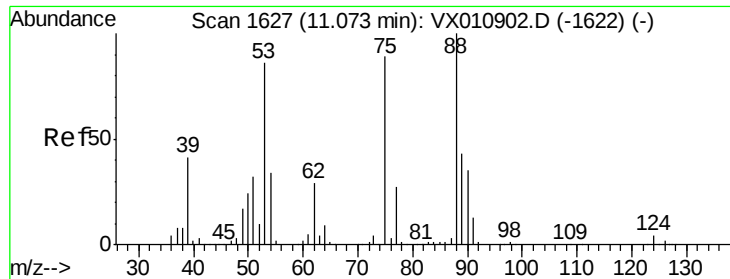
120 48.2 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 15.306 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011217.D

Acq: 31 Jul 2019 00:41

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBS02

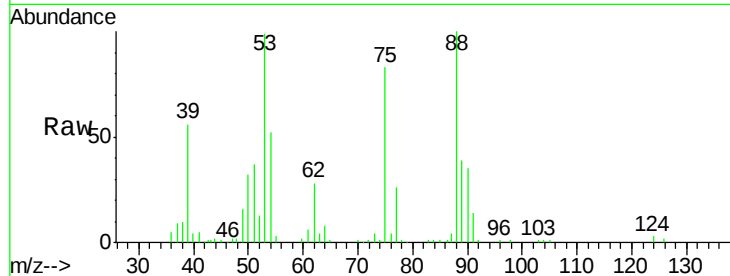
Tgt Ion: 75 Resp: 11905

Ion Ratio Lower Upper

75 100

53 115.7 76.7 115.1#

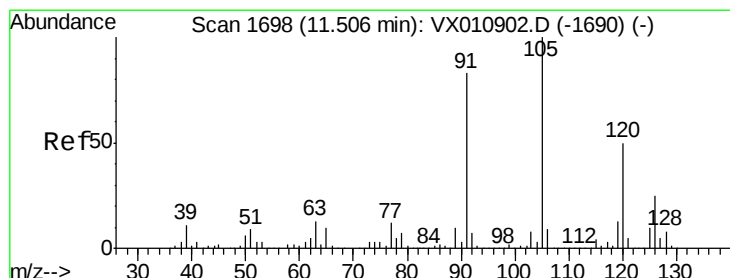
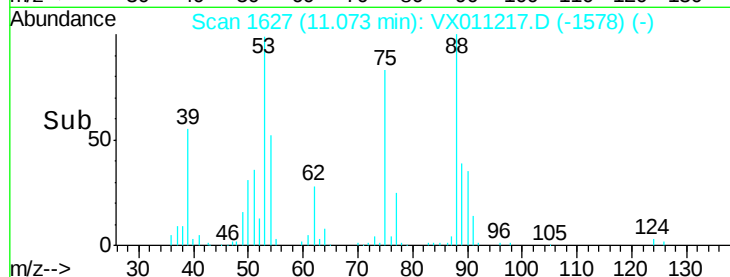
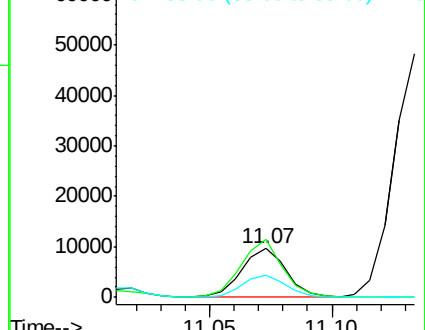
89 46.9 38.5 57.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 18.115 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011217.D

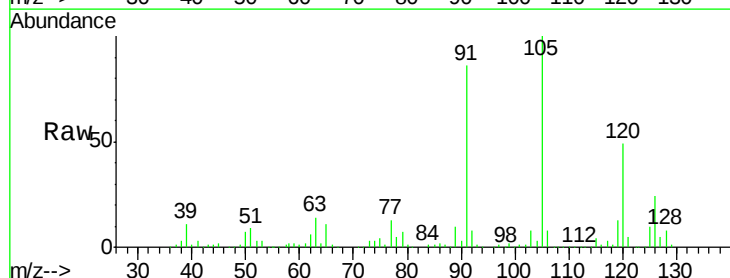
Acq: 31 Jul 2019 00:41

Tgt Ion: 91 Resp: 128441

Ion Ratio Lower Upper

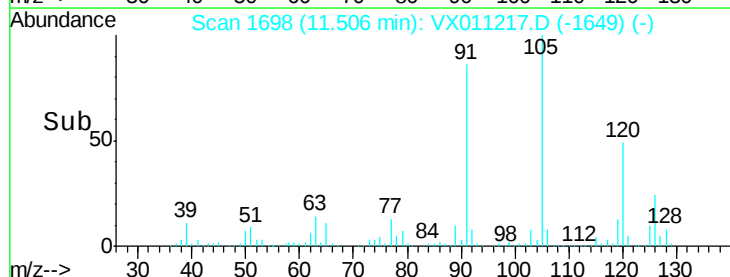
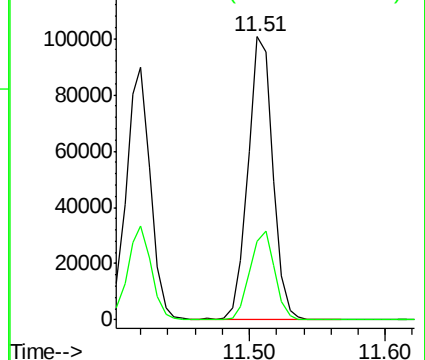
91 100

126 31.4 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

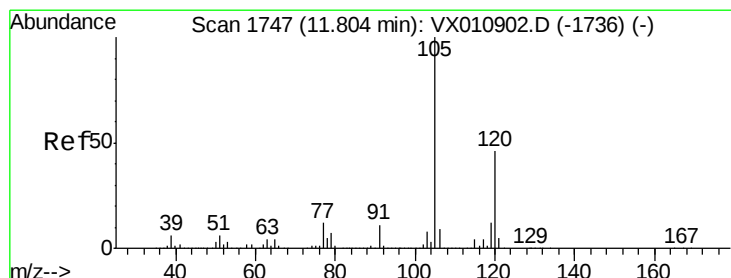
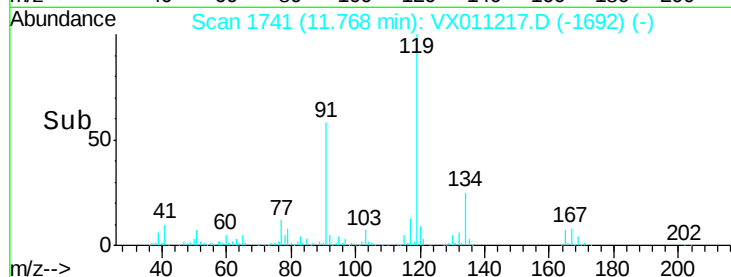
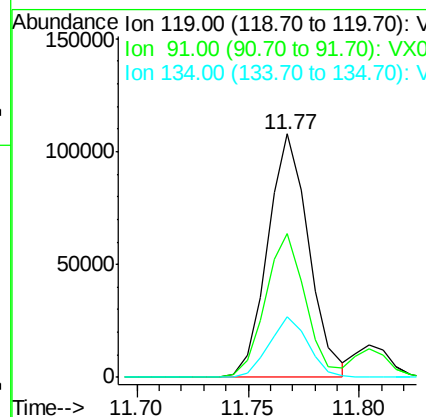
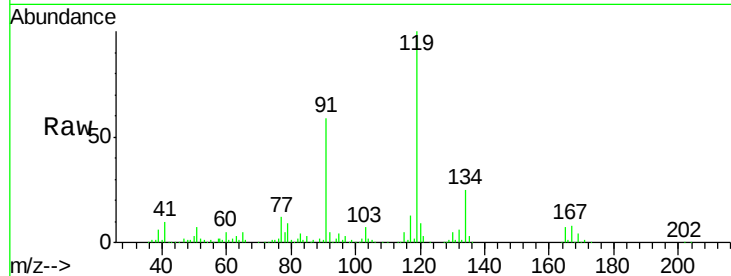




#83
 tert-Butylbenzene
 Concen: 18.322 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX011217.D
 Acq: 31 Jul 2019 00:41

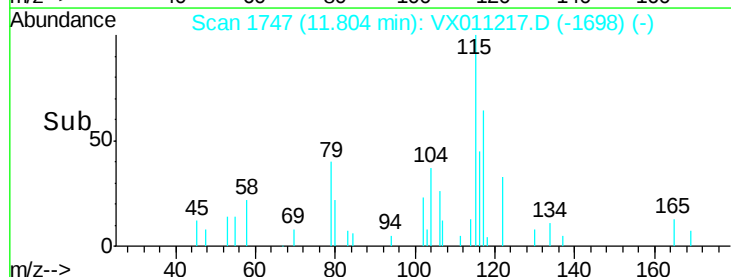
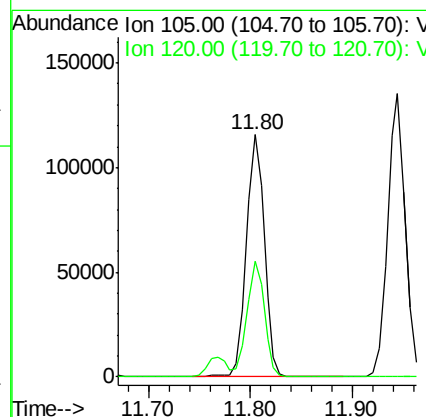
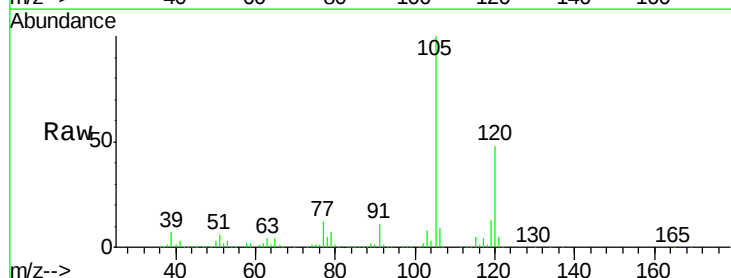
Instrument :
 MSVOA_X
 ClientSampled :
 VX0730WBS02

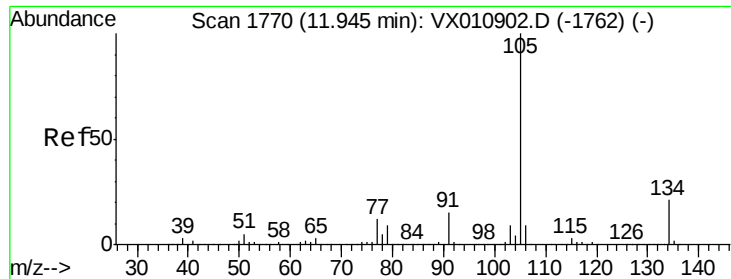
Tgt Ion:119 Resp: 138017
 Ion Ratio Lower Upper
 119 100
 91 57.8 28.6 85.8
 134 23.8 11.6 34.8



#84
 1,2,4-Trimethylbenzene
 Concen: 18.219 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX011217.D
 Acq: 31 Jul 2019 00:41

Tgt Ion:105 Resp: 140830
 Ion Ratio Lower Upper
 105 100
 120 46.7 22.9 68.5





#85

sec-Butylbenzene

Concen: 18.682 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011217.D

Acq: 31 Jul 2019 00:41

Instrument :

MSVOA_X

ClientSampled :

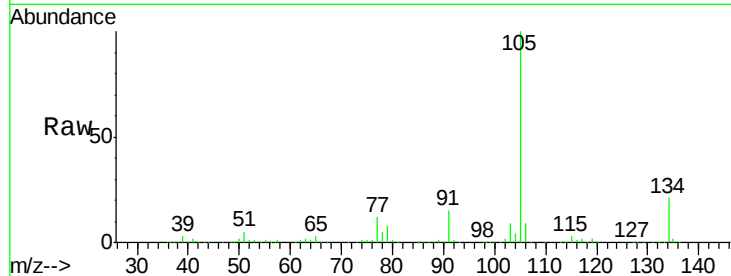
VX0730WBS02

Tgt Ion:105 Resp: 164901

Ion Ratio Lower Upper

105 100

134 20.3 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

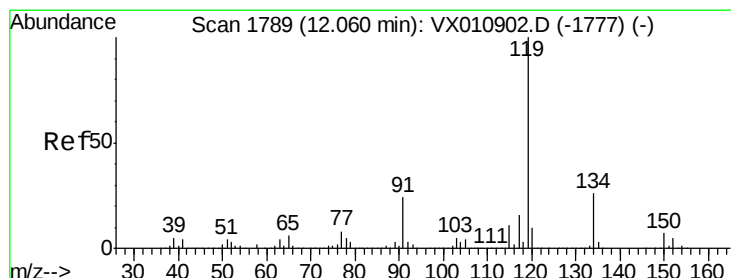
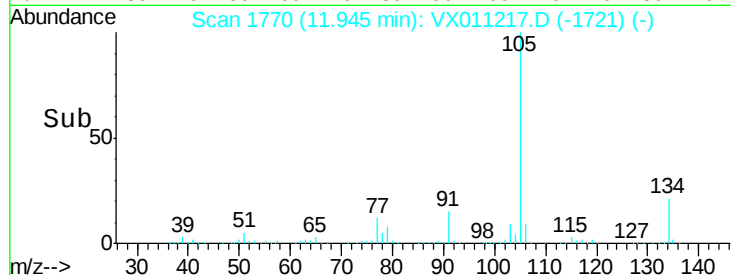
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 18.289 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX011217.D

Acq: 31 Jul 2019 00:41

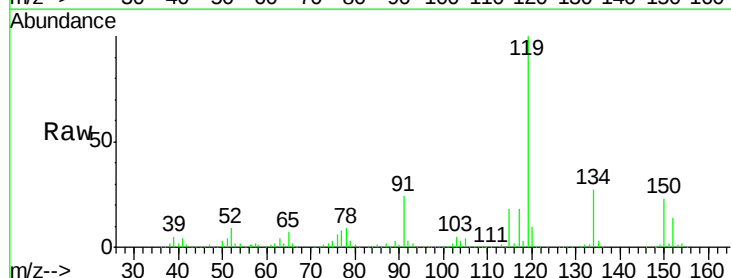
Tgt Ion:119 Resp: 149242

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

91 24.1 11.8 35.4



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): V

12.06

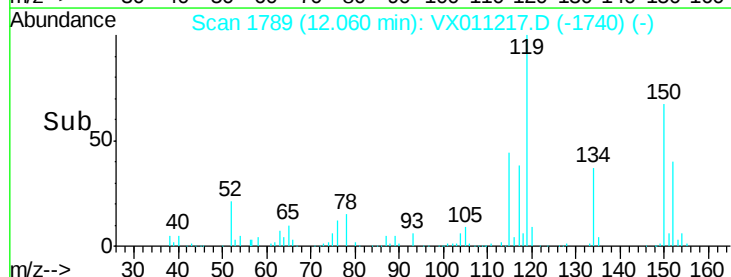
150000

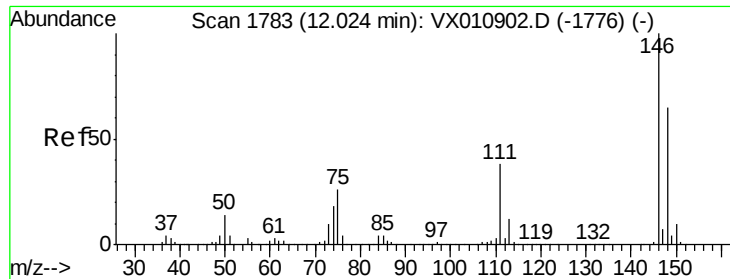
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 18.203 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX011217.D

Acq: 31 Jul 2019 00:41

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBS02

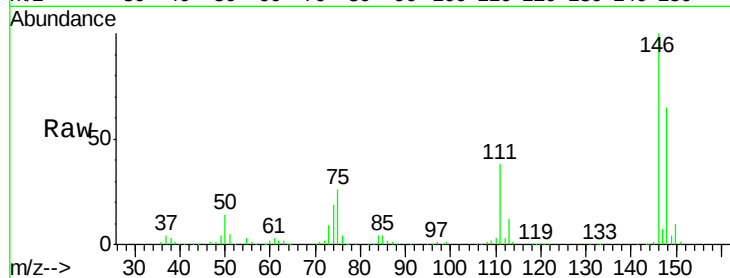
Tgt Ion:146 Resp: 79971

Ion Ratio Lower Upper

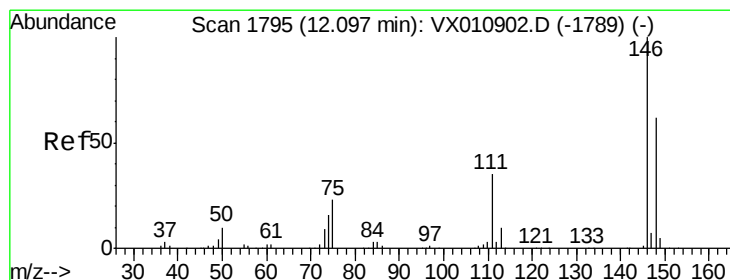
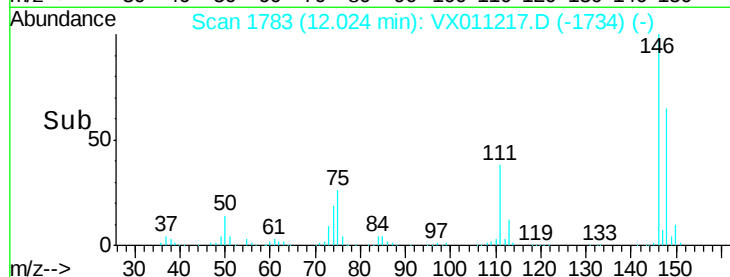
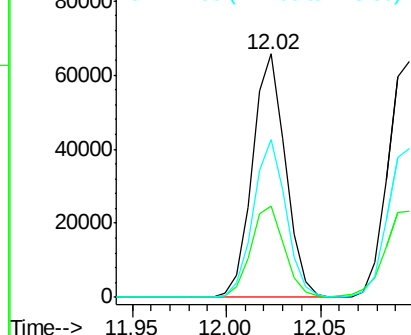
146 100

111 38.2 18.9 56.9

148 63.8 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 17.752 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX011217.D

Acq: 31 Jul 2019 00:41

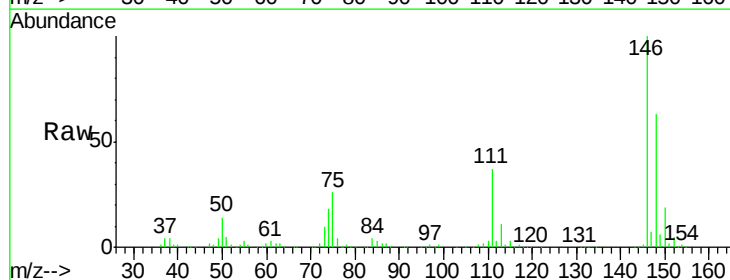
Tgt Ion:146 Resp: 79988

Ion Ratio Lower Upper

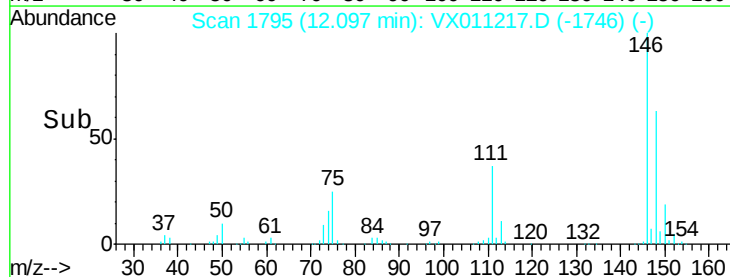
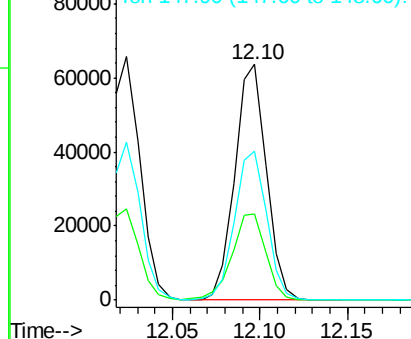
146 100

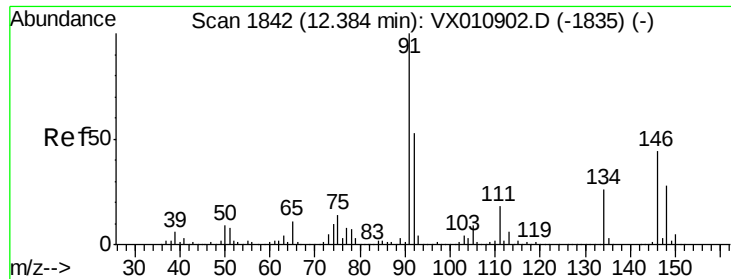
111 39.5 18.6 55.8

148 64.7 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

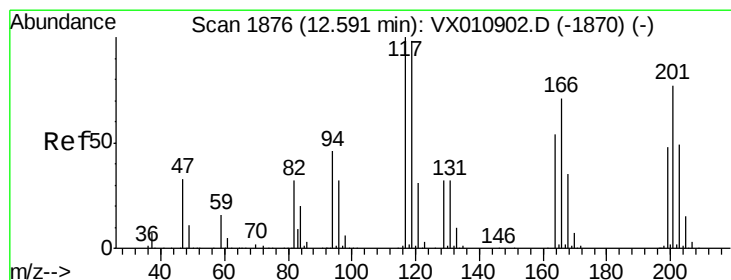
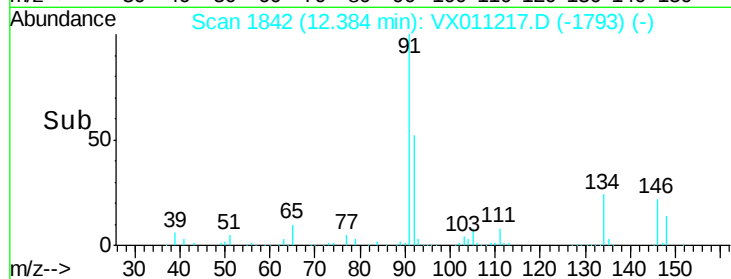
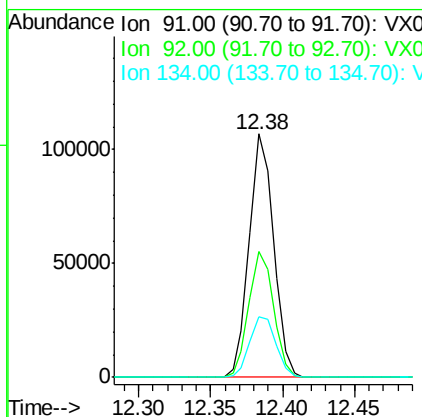
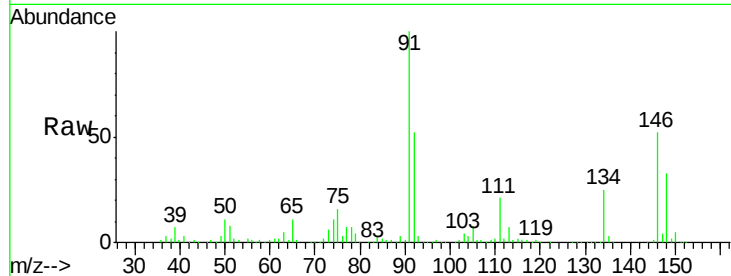




#89
n-Butylbenzene
Concen: 18.074 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011217.D
Acq: 31 Jul 2019 00:41

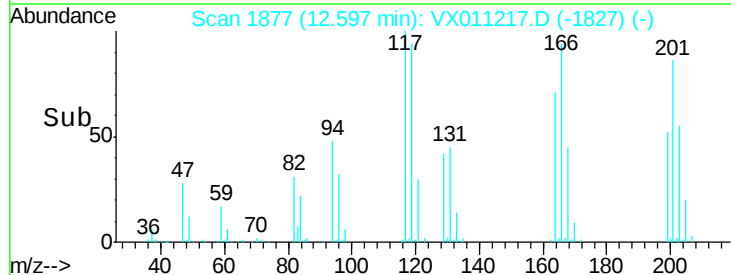
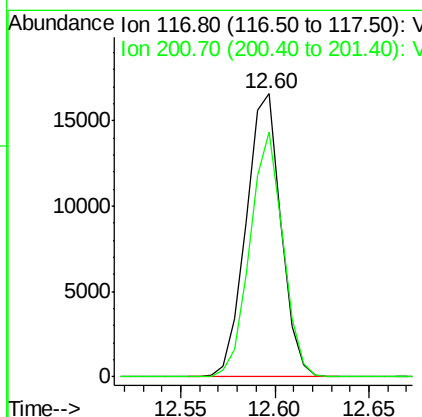
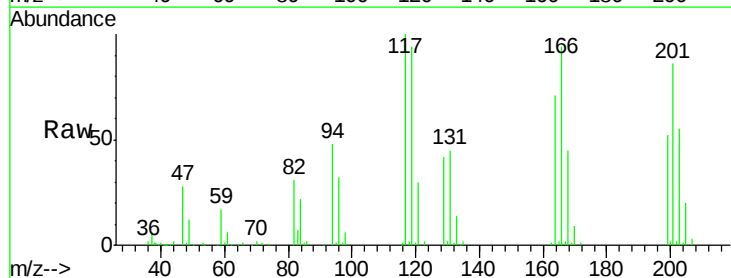
Instrument :
MSVOA_X
ClientSampled :
VX0730WBS02

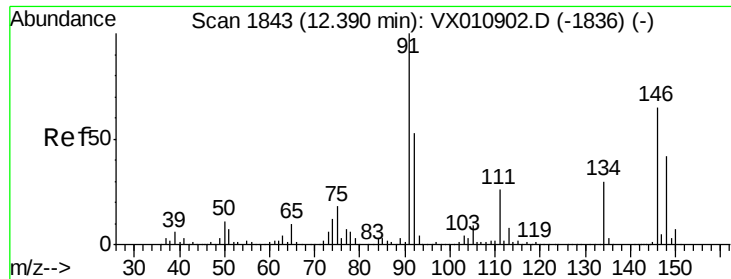
Tgt Ion: 91 Resp: 126178
Ion Ratio Lower Upper
91 100
92 52.6 26.2 78.5
134 26.4 13.8 41.3



#90
Hexachloroethane
Concen: 16.547 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX011217.D
Acq: 31 Jul 2019 00:41

Tgt Ion: 117 Resp: 21297
Ion Ratio Lower Upper
117 100
201 81.5 43.3 129.8

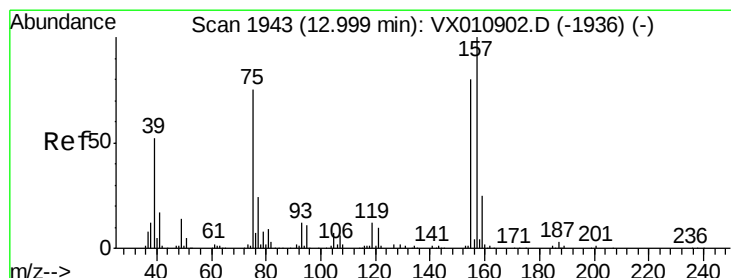
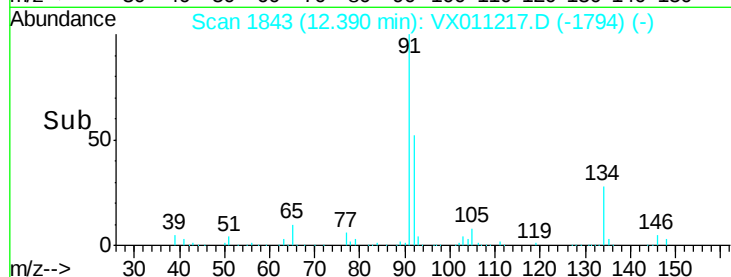
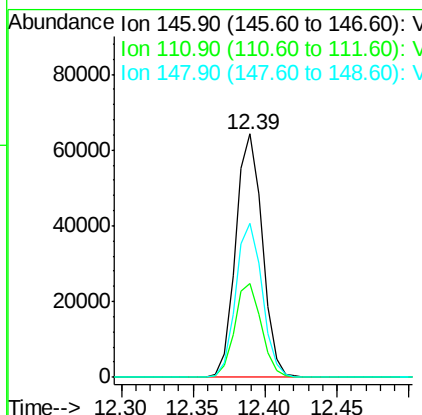
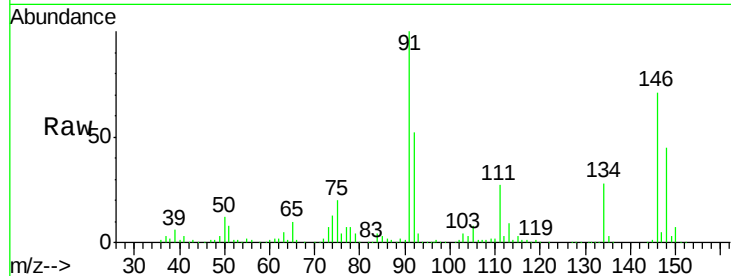




#91
 1,2-Dichlorobenzene
 Concen: 19.087 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX011217.D
 Acq: 31 Jul 2019 00:41

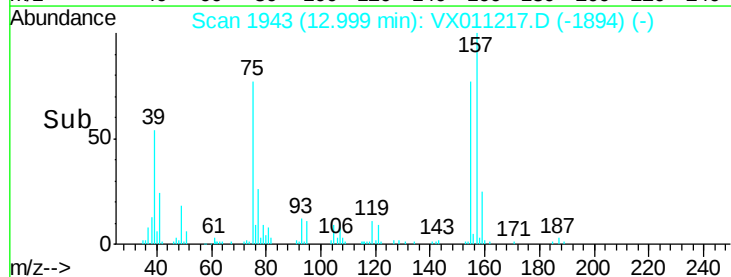
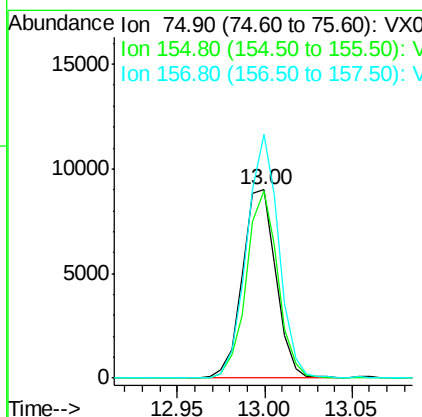
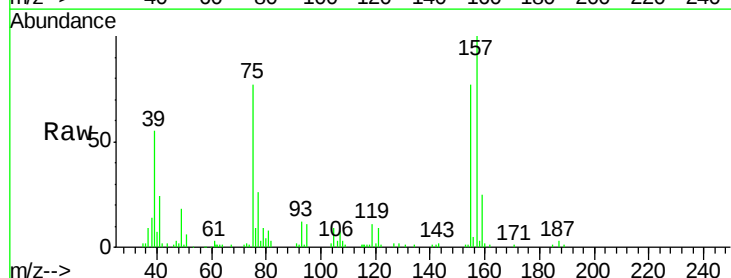
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBS02

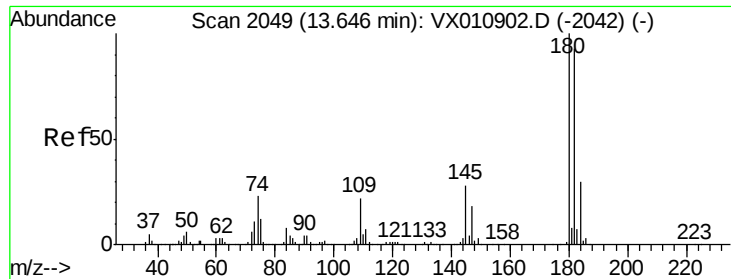
Tgt Ion:146 Resp: 83106
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.9 59.7
 148 62.9 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.139 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX011217.D
 Acq: 31 Jul 2019 00:41

Tgt Ion: 75 Resp: 12016
 Ion Ratio Lower Upper
 75 100
 155 92.5 48.7 146.1
 157 122.2 62.5 187.6

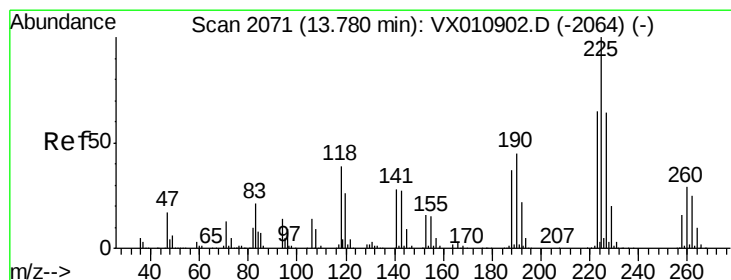
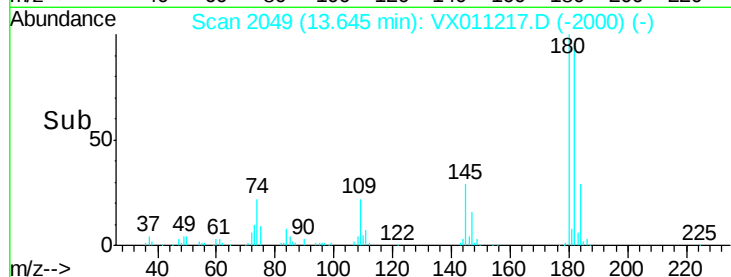
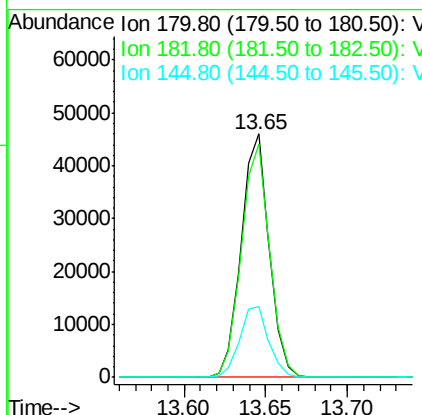
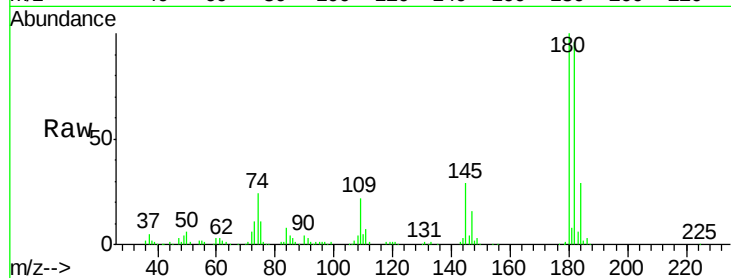




#93
 1,2,4-Trichlorobenzene
 Concen: 18.641 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX011217.D
 Acq: 31 Jul 2019 00:41

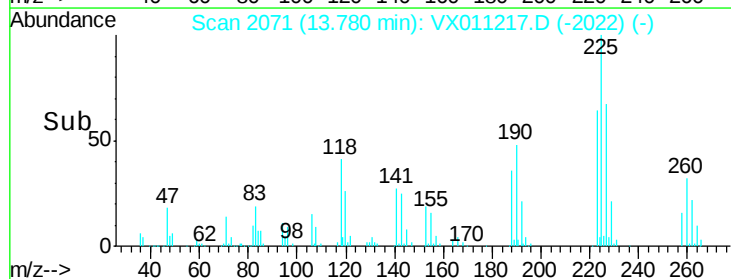
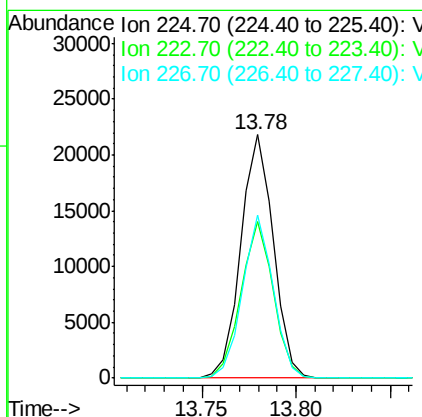
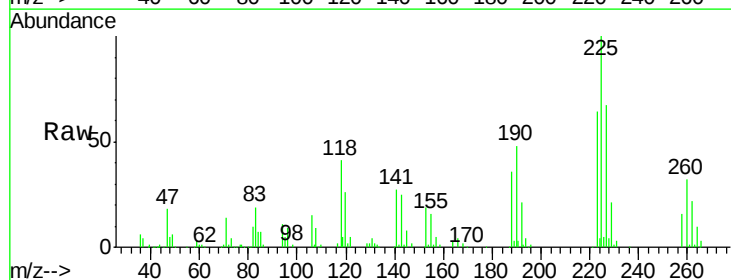
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBS02

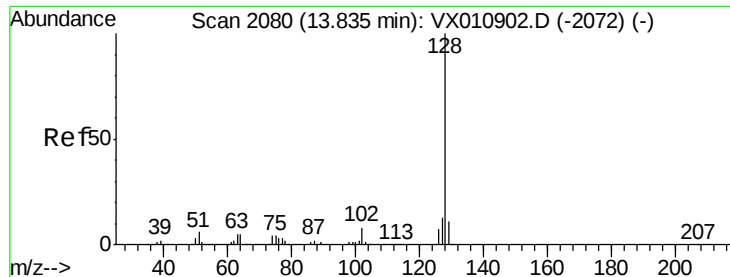
Tgt Ion:180 Resp: 55006
 Ion Ratio Lower Upper
 180 100
 182 97.3 47.1 141.3
 145 30.1 14.8 44.4



#94
 Hexachlorobutadiene
 Concen: 17.816 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX011217.D
 Acq: 31 Jul 2019 00:41

Tgt Ion:225 Resp: 26052
 Ion Ratio Lower Upper
 225 100
 223 64.2 31.9 95.9
 227 63.4 32.5 97.4





#95

Naphthalene

Concen: 20.176 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX011217.D

Acq: 31 Jul 2019 00:41

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBS02

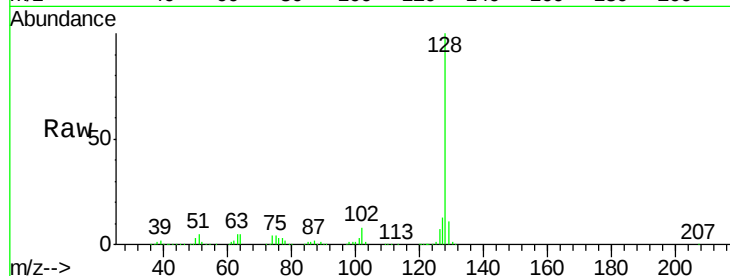
Tgt Ion:128 Resp: 175812

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

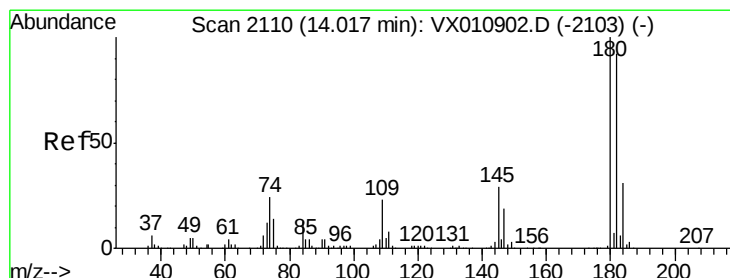
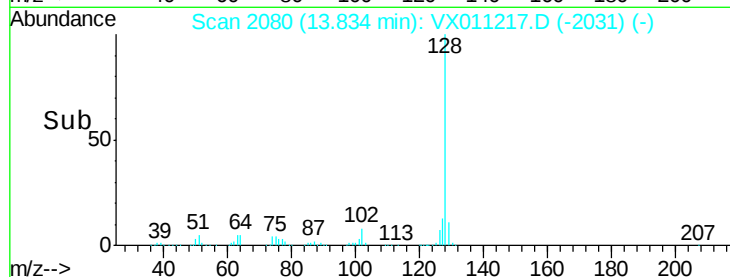
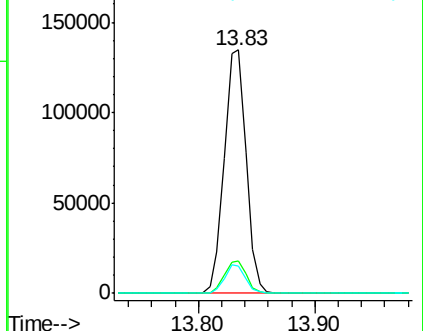
129 11.1 8.9 13.3



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



#96

1,2,3-Trichlorobenzene

Concen: 19.192 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX011217.D

Acq: 31 Jul 2019 00:41

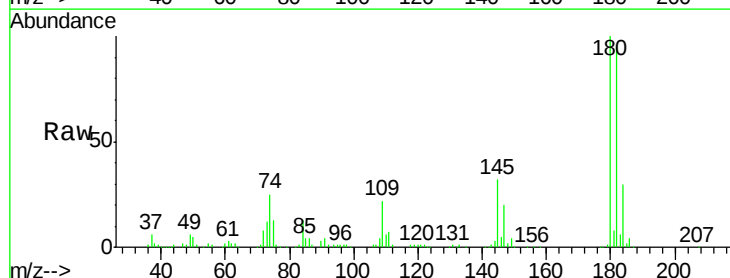
Tgt Ion:180 Resp: 56348

Ion Ratio Lower Upper

180 100

182 94.8 47.4 142.3

145 31.6 15.1 45.3



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

