

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022619\
 Data File : VX007715.D
 Acq On : 26 Feb 2019 15:59
 Operator : JC/SP
 Sample : VX0226WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0226WBS01

Quant Time: Feb 27 00:17:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	316876	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	507061	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	452423	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	219107	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	191766	48.86	ug/l	0.00
Spiked Amount			Recovery	=	97.72%	
35) Dibromofluoromethane	5.50	113	172229	50.81	ug/l	0.00
Spiked Amount			Recovery	=	101.62%	
50) Toluene-d8	8.71	98	632179	48.72	ug/l	0.00
Spiked Amount			Recovery	=	97.44%	
62) 4-Bromofluorobenzene	11.13	95	216299	45.41	ug/l	0.00
Spiked Amount			Recovery	=	90.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	58496	20.039	ug/l	96
3) Chloromethane	1.33	50	60969	18.848	ug/l	98
4) Vinyl Chloride	1.41	62	63696	19.193	ug/l	96
5) Bromomethane	1.64	94	45425	20.823	ug/l	99
6) Chloroethane	1.73	64	43454	20.495	ug/l	99
7) Trichlorofluoromethane	1.93	101	101718	19.993	ug/l	99
8) Diethyl Ether	2.20	74	39826	19.074	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	59485	19.345	ug/l	94
10) Methyl Iodide	2.51	142	78872	20.599	ug/l	95
11) Tert butyl alcohol	3.07	59	76994	103.386	ug/l #	94
12) 1,1-Dichloroethene	2.38	96	57325	20.682	ug/l	98
13) Acrolein	2.30	56	43472	65.690	ug/l	95
14) Allyl chloride	2.73	41	101712	19.846	ug/l	98
15) Acrylonitrile	3.15	53	179573	102.463	ug/l	99
16) Acetone	2.45	43	168571	96.575	ug/l	100
17) Carbon Disulfide	2.57	76	148547	19.263	ug/l	99
18) Methyl Acetate	2.78	43	79693	20.923	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	193869	20.085	ug/l	98
20) Methylene Chloride	2.86	84	64392	19.978	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	60905	20.212	ug/l	93
22) Diisopropyl ether	3.87	45	206726	19.376	ug/l	98
23) Vinyl Acetate	3.82	43	901858	96.348	ug/l	99
24) 1,1-Dichloroethane	3.70	63	115696	19.953	ug/l	99
25) 2-Butanone	4.70	43	263479	99.096	ug/l	99
26) 2,2-Dichloropropane	4.58	77	79060	17.081	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	77236	20.144	ug/l	97
28) Bromochloromethane	5.02	49	56207	19.912	ug/l	97
29) Tetrahydrofuran	5.16	42	168371	96.067	ug/l	98
30) Chloroform	5.21	83	123595	19.899	ug/l	94
31) Cyclohexane	5.57	56	99146	18.178	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	100214	19.510	ug/l	99
36) 1,1-Dichloropropene	5.80	75	87321	19.155	ug/l	100
37) Ethyl Acetate	4.85	43	96061	18.970	ug/l	97
38) Carbon Tetrachloride	5.79	117	86421	18.872	ug/l	96

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Quant Time: Feb 27 00:17:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	104428	18.125	ug/l	96
40) Benzene	6.15	78	278037	19.758	ug/l	99
41) Methacrylonitrile	5.06	41	53812	19.901	ug/l	98
42) 1,2-Dichloroethane	6.20	62	93057	19.674	ug/l	98
43) Isopropyl Acetate	6.46	43	151959	19.498	ug/l	99
44) Trichloroethene	7.21	130	75860	19.596	ug/l	93
45) 1,2-Dichloropropane	7.51	63	70184	19.253	ug/l	98
46) Dibromomethane	7.66	93	48957	19.251	ug/l	93
47) Bromodichloromethane	7.90	83	84750	19.230	ug/l	99
48) Methyl methacrylate	7.77	41	76866	18.815	ug/l	99
49) 1,4-Dioxane	7.75	88	34923	395.792	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	509407	97.645	ug/l	100
52) Toluene	8.78	92	175069	19.729	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	89481	18.219	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	102013	19.075	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	74157	20.040	ug/l	96
56) Ethyl methacrylate	9.18	69	101363	19.262	ug/l	98
57) 1,3-Dichloropropane	9.37	76	117188	19.783	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	285456	98.370	ug/l	100
59) 2-Hexanone	9.49	43	394888	96.414	ug/l	100
60) Dibromochloromethane	9.58	129	69347	19.476	ug/l	98
61) 1,2-Dibromoethane	9.67	107	76671	19.956	ug/l	100
64) Tetrachloroethene	9.33	164	72765	19.812	ug/l	97
65) Chlorobenzene	10.14	112	193607	19.786	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	66697	19.541	ug/l	98
67) Ethyl Benzene	10.25	91	315345	19.454	ug/l	100
68) m/p-Xylenes	10.36	106	247007	39.170	ug/l	100
69) o-Xylene	10.69	106	116752	19.248	ug/l	97
70) Styrene	10.71	104	193329	19.391	ug/l	99
71) Bromoform	10.85	173	47367	18.506	ug/l	98
73) Isopropylbenzene	11.02	105	317155	20.253	ug/l	99
74) N-amyl acetate	10.90	43	132566	19.494	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	110249	20.355	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	116517	24.948	ug/l	80
77) Bromobenzene	11.26	156	80935	20.606	ug/l	92
78) n-propylbenzene	11.36	91	352870	19.941	ug/l	98
79) 2-Chlorotoluene	11.42	91	211914	19.889	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	255519	19.837	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	26478	17.287	ug/l	94
82) 4-Chlorotoluene	11.51	91	240280	19.277	ug/l	98
83) tert-Butylbenzene	11.77	119	247879	20.042	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	265116	20.121	ug/l	99
85) sec-Butylbenzene	11.94	105	307870	19.865	ug/l	99
86) p-Isopropyltoluene	12.06	119	268672	19.795	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	144038	19.770	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	145671	19.523	ug/l	98
89) n-Butylbenzene	12.38	91	223281	18.446	ug/l	99
90) Hexachloroethane	12.60	117	44374	19.404	ug/l	82
91) 1,2-Dichlorobenzene	12.39	146	145189	19.917	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21729	18.412	ug/l	91

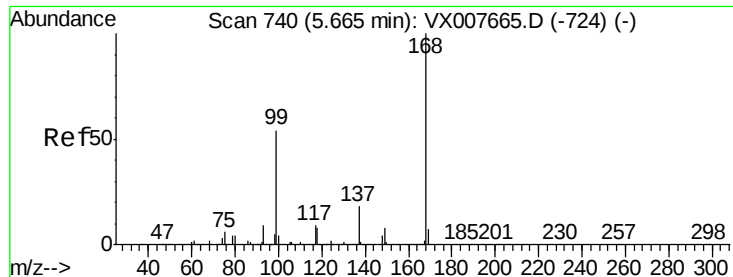
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX022619\
Data File : VX007715.D
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Instrument :
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VX0226WBS01

Quant Time: Feb 27 00:17:15 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	85425	19.197	ug/l	98
94) Hexachlorobutadiene	13.78	225	39331	19.321	ug/l	98
95) Naphthalene	13.83	128	293951	20.390	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	87888	19.670	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

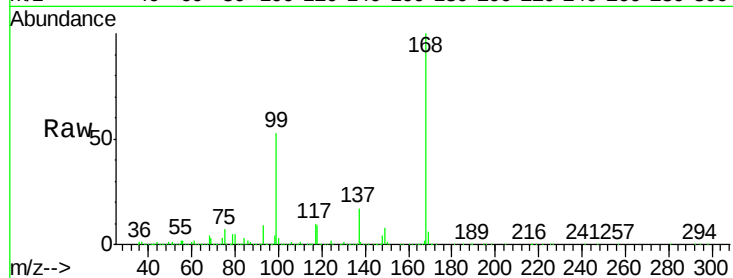
VX0226WBS01

Tot Ion:168 Resp: 316876

Ion Ratio Lower Upper

168 100

99 52.8 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

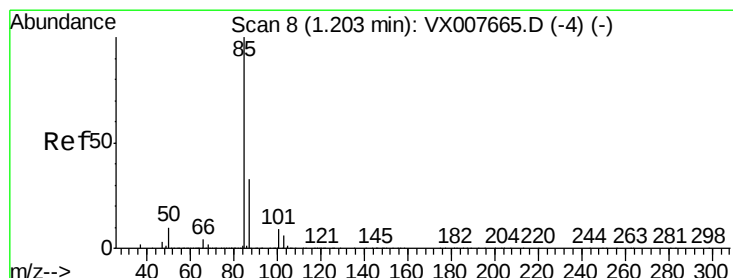
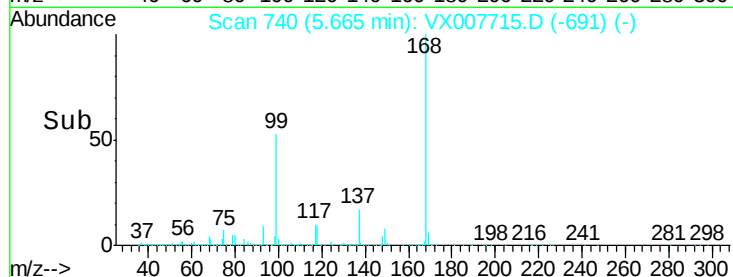
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 20.039 ug/l

RT: 1.20 min Scan# 8

Delta R.T. -0.00 min

Lab File: VX007715.D

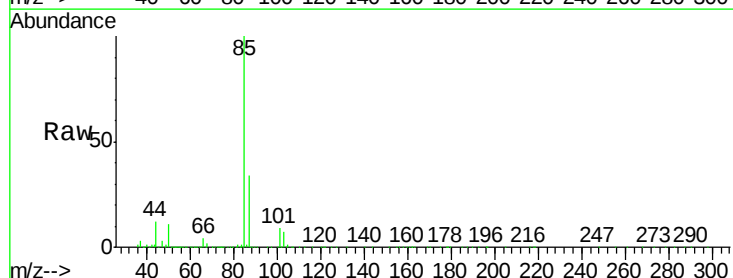
Acq: 26 Feb 2019 15:59

Tgt Ion: 85 Resp: 58496

Ion Ratio Lower Upper

85 100

87 33.8 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

50000

40000

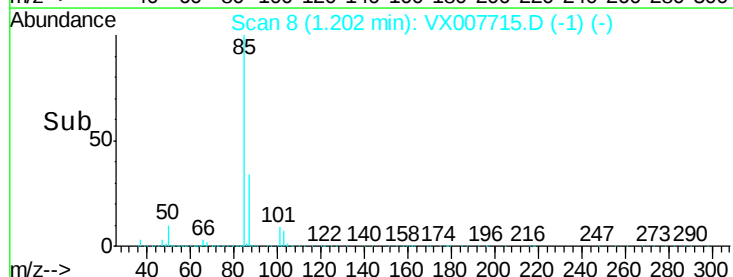
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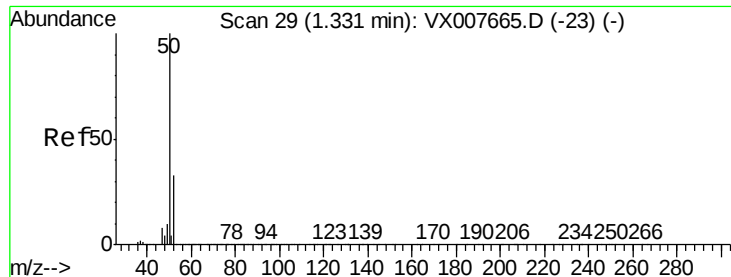
20000

10000

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Time--> 1.15 1.20 1.25 1.30

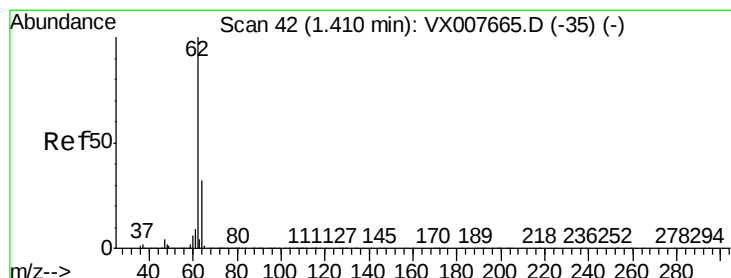
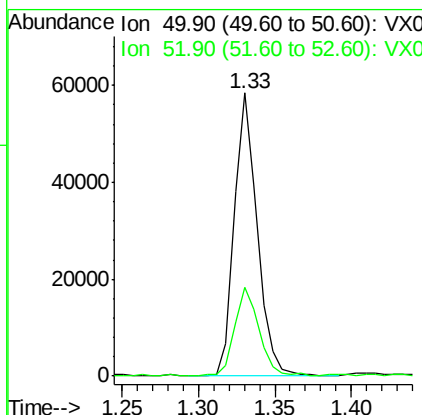
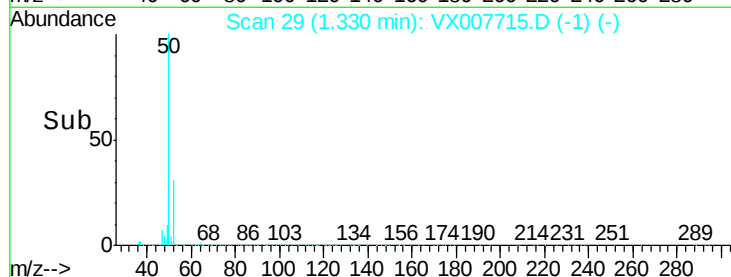
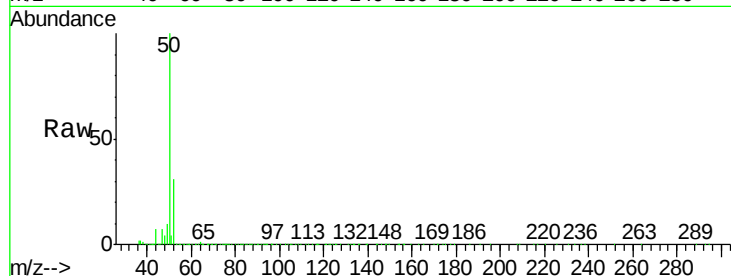




#3
Chloromethane
Concen: 18.848 ug/l
RT: 1.33 min Scan# 29
Delta R.T. -0.00 min
Lab File: VX007715.D
Acq: 26 Feb 2019 15:59

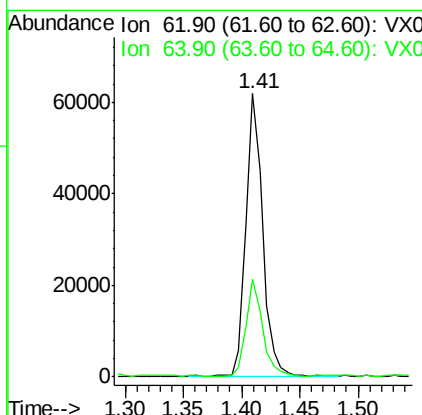
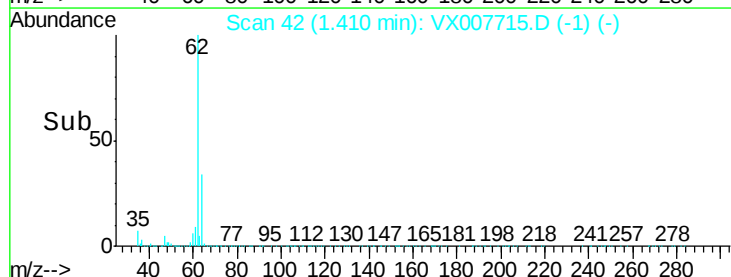
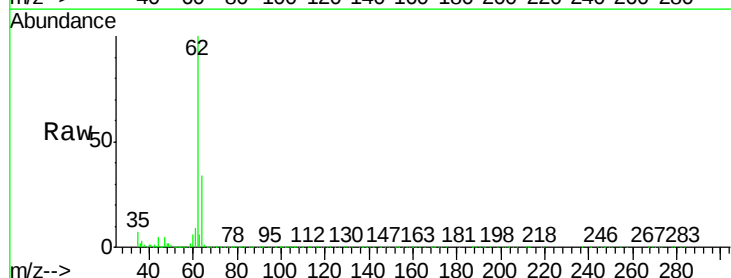
Instrument :
MSVOA_X
ClientSampleId :
VX0226WBS01

Tot Ion: 50 Resp: 60969
Ion Ratio Lower Upper
50 100
52 31.2 26.1 39.1



#4
Vinyl Chloride
Concen: 19.193 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX007715.D
Acq: 26 Feb 2019 15:59

Tgt Ion: 62 Resp: 63696
Ion Ratio Lower Upper
62 100
64 33.9 25.4 38.0





#5

Bromomethane

Concen: 20.823 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

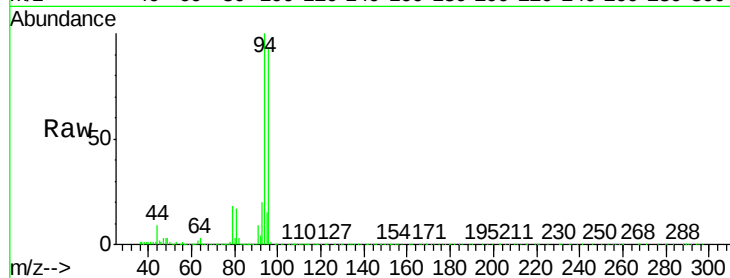
VX0226WBS01

Tot Ion: 94 Resp: 45425

Ion Ratio Lower Upper

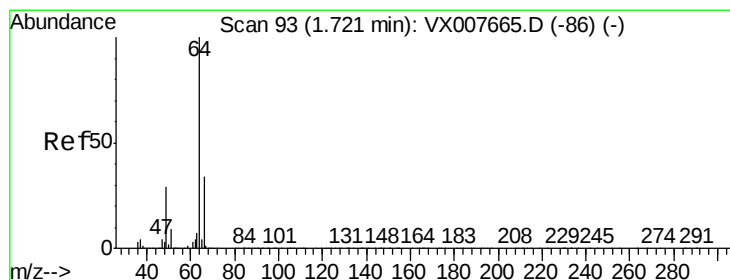
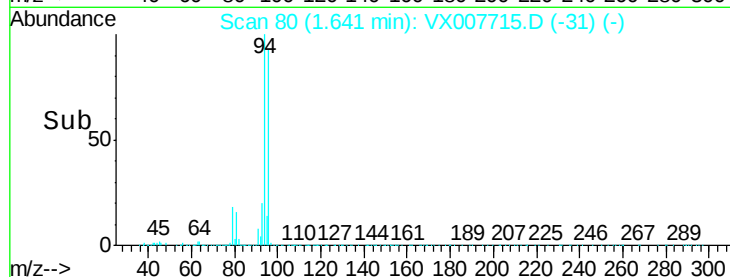
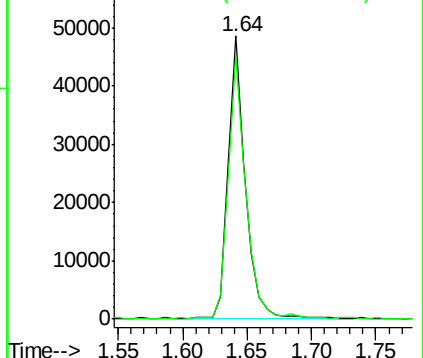
94 100

96 93.2 73.9 110.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.495 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007715.D

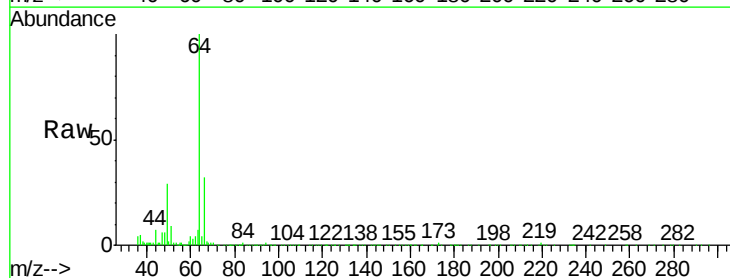
Acq: 26 Feb 2019 15:59

Tgt Ion: 64 Resp: 43454

Ion Ratio Lower Upper

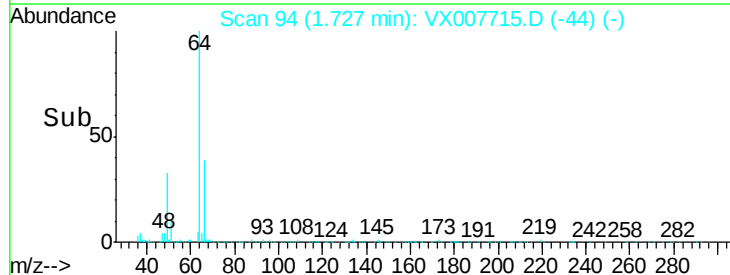
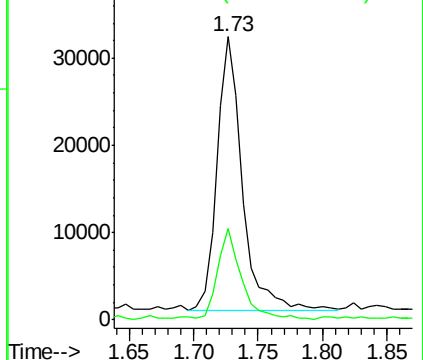
64 100

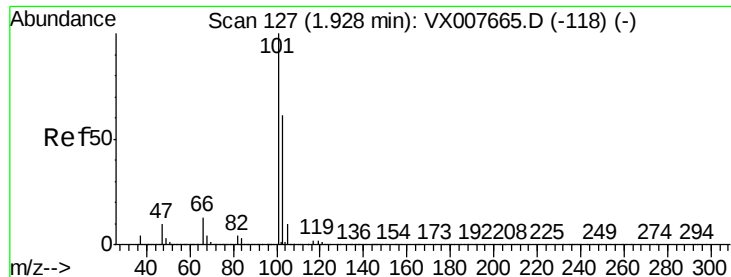
66 32.7 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



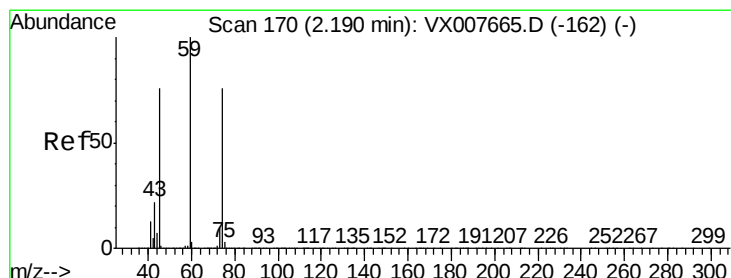
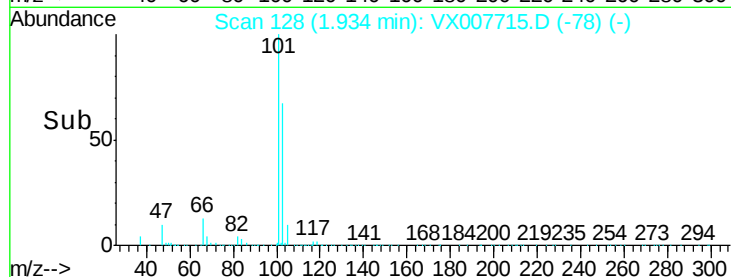
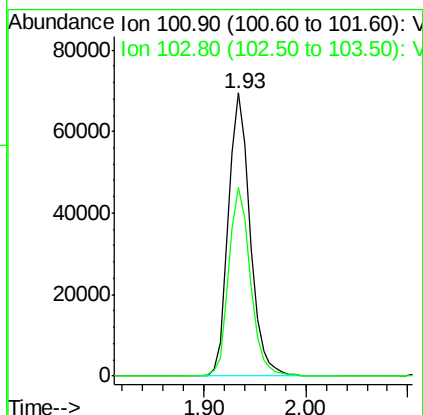
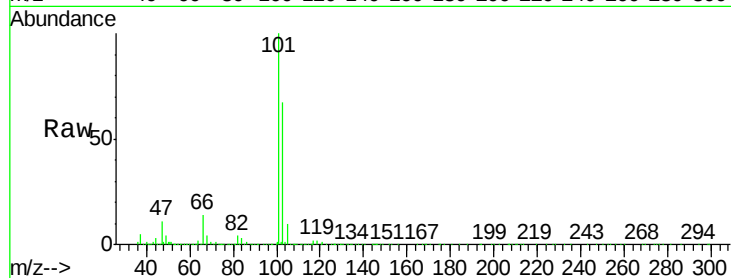


#7

Trichlorofluoromethane
Concen: 19.993 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007715.D
Acq: 26 Feb 2019 15:59

Instrument :
MSVOA_X
ClientSampleId :
VX0226WBS01

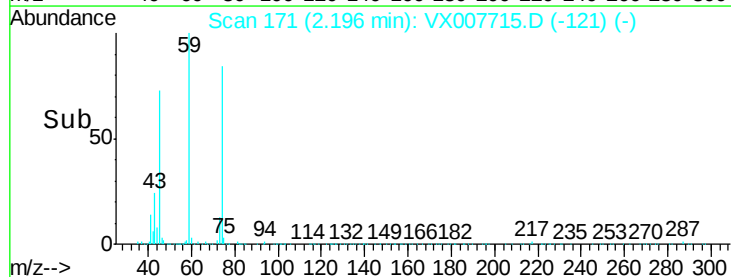
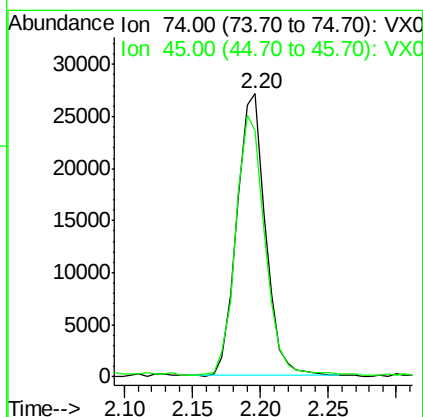
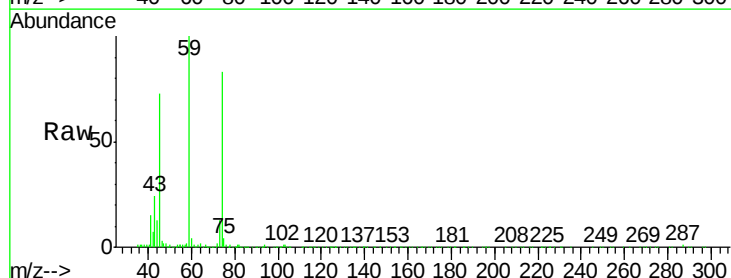
Tot Ion:101 Resp: 101718
Ion Ratio Lower Upper
101 100
103 66.7 52.6 79.0

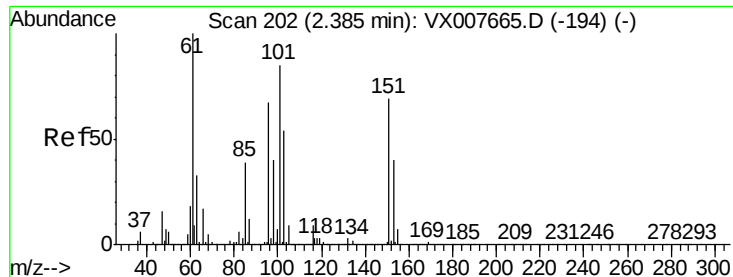


#8

Diethyl Ether
Concen: 19.074 ug/l
RT: 2.20 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX007715.D
Acq: 26 Feb 2019 15:59

Tgt Ion: 74 Resp: 39826
Ion Ratio Lower Upper
74 100
45 94.0 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.345 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBS01

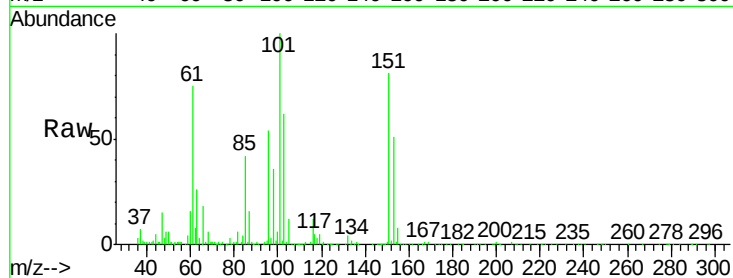
Tot Ion:101 Resp: 59485

Ion Ratio Lower Upper

101 100

85 45.2 34.1 51.1

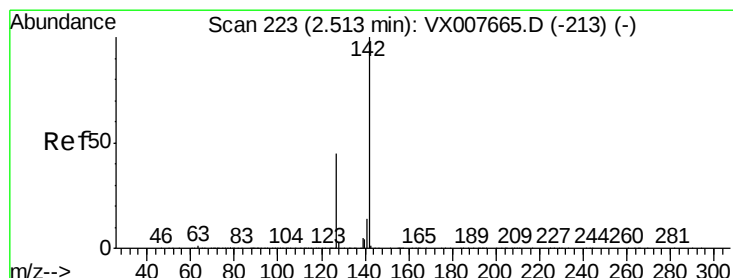
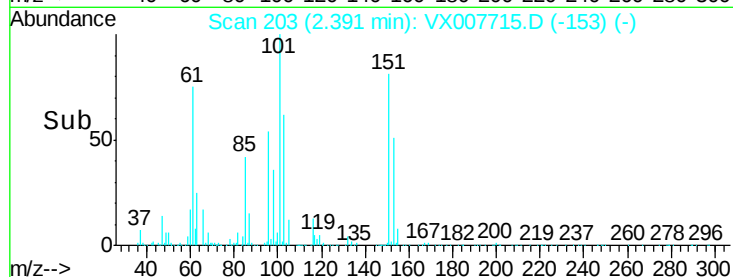
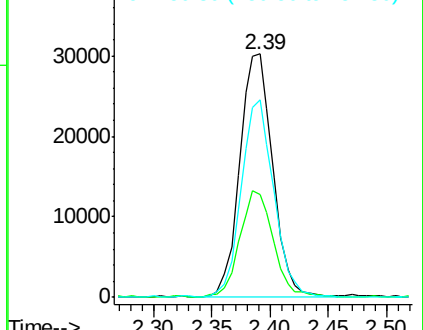
151 80.8 69.9 104.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.599 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

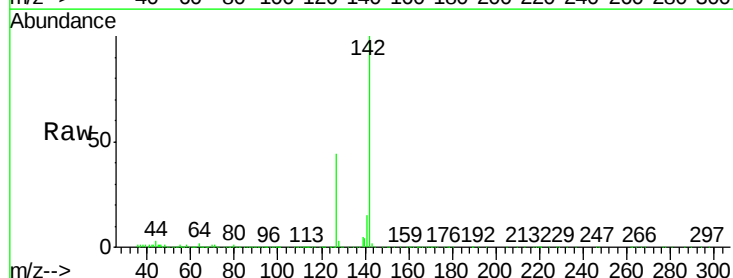
Tgt Ion:142 Resp: 78872

Ion Ratio Lower Upper

142 100

127 45.7 33.7 50.5

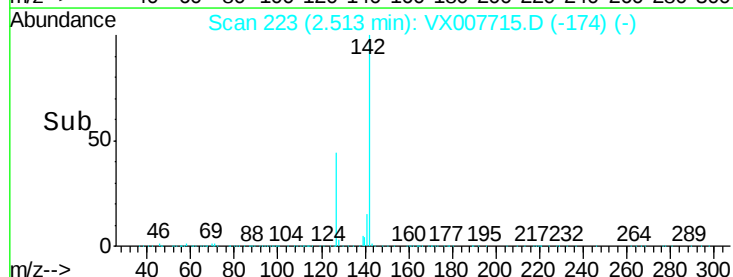
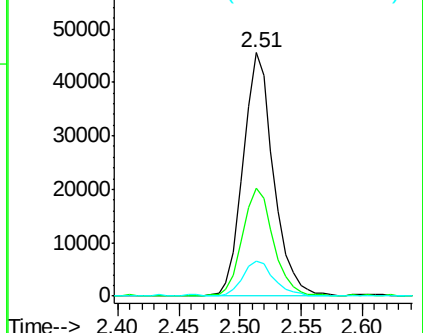
141 15.1 11.3 16.9

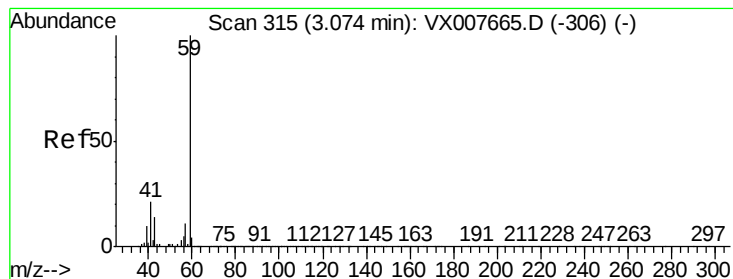


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 103.386 ug/l

RT: 3.07 min Scan# 314

Delta R.T. -0.01 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

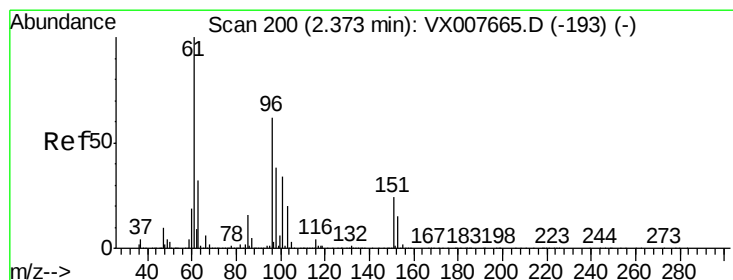
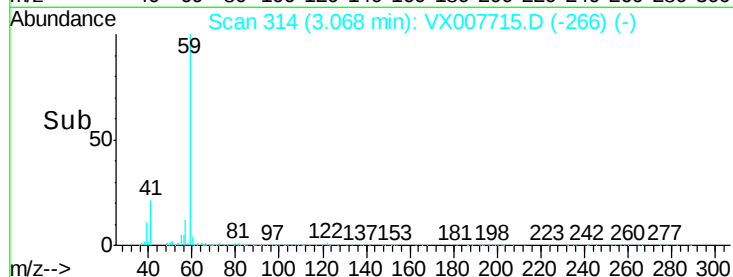
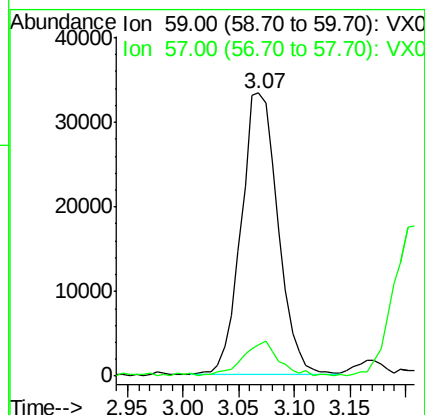
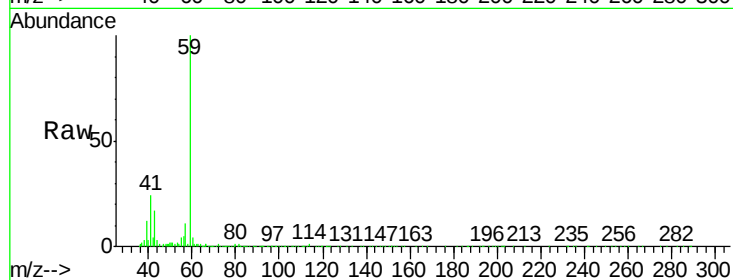
VX0226WBS01

Tot Ion: 59 Resp: 76994

Ion Ratio Lower Upper

59 100

57 12.1 8.1 12.1#



#12

1,1-Dichloroethene

Concen: 20.682 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

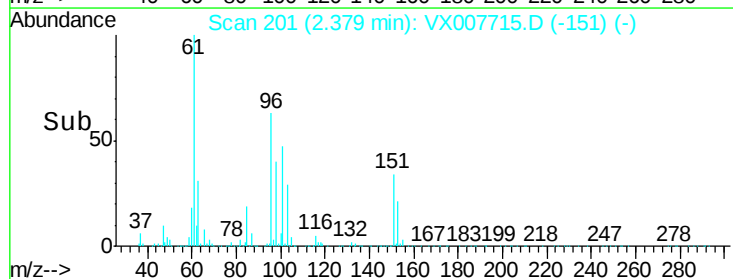
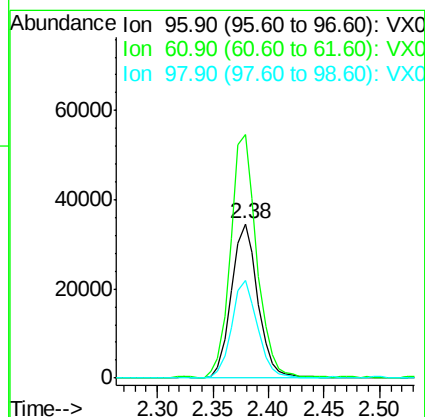
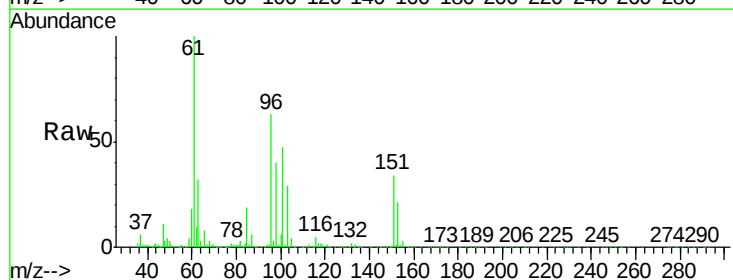
Tgt Ion: 96 Resp: 57325

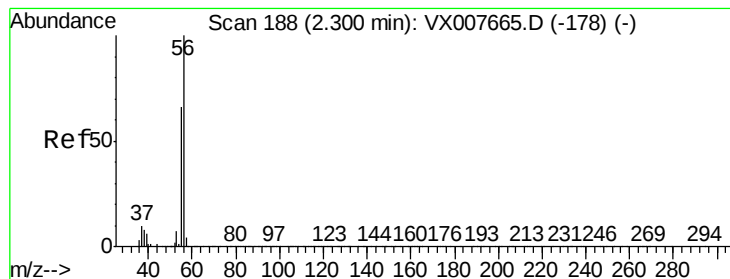
Ion Ratio Lower Upper

96 100

61 157.6 123.0 184.4

98 63.1 50.9 76.3





#13

Acrolein

Concen: 65.690 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

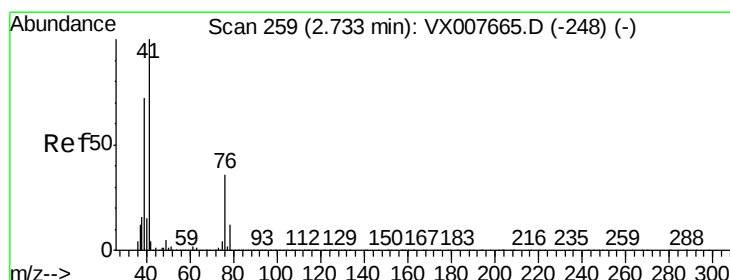
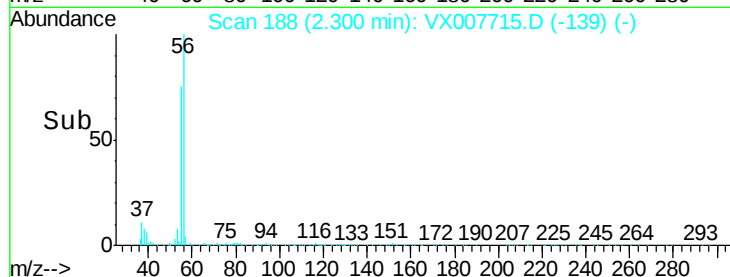
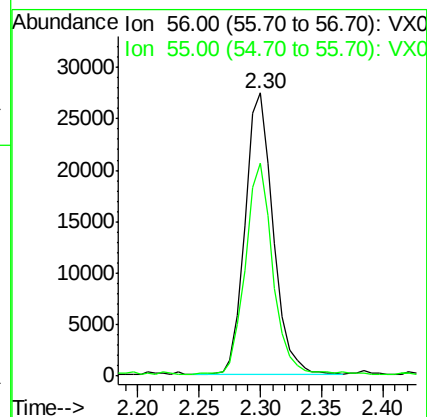
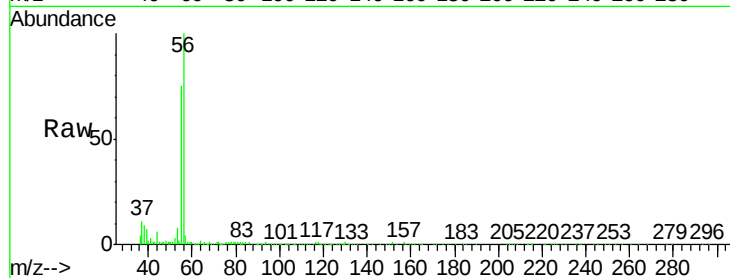
VX0226WBS01

Tot Ion: 56 Resp: 43472

Ion Ratio Lower Upper

56 100

55 75.1 56.9 85.3



#14

Allyl chloride

Concen: 19.846 ug/l

RT: 2.73 min Scan# 259

Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

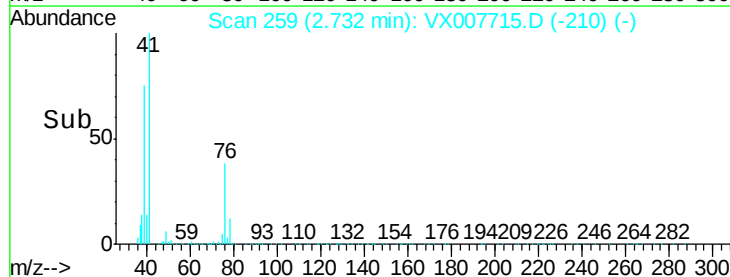
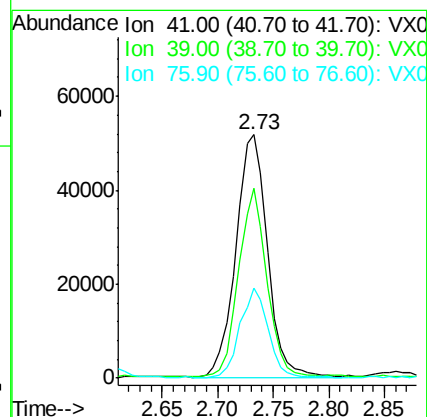
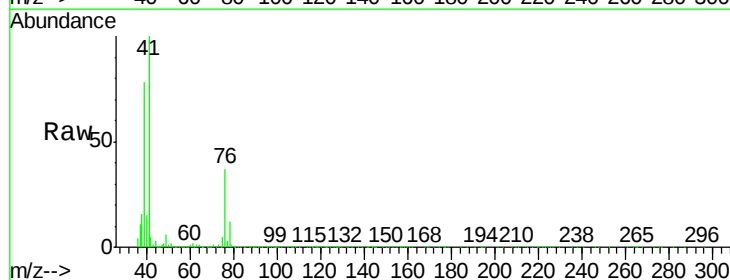
Tgt Ion: 41 Resp: 101712

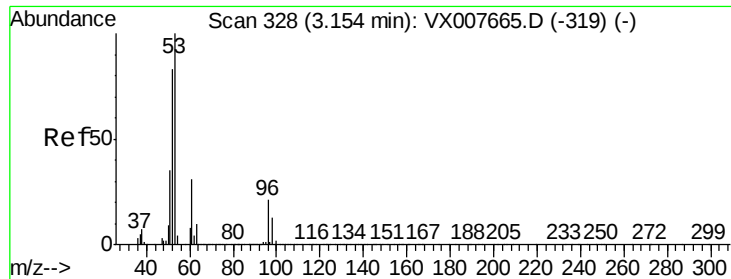
Ion Ratio Lower Upper

41 100

39 69.0 54.1 81.1

76 32.8 27.8 41.8





#15

Acrylonitrile

Concen: 102.463 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBS01

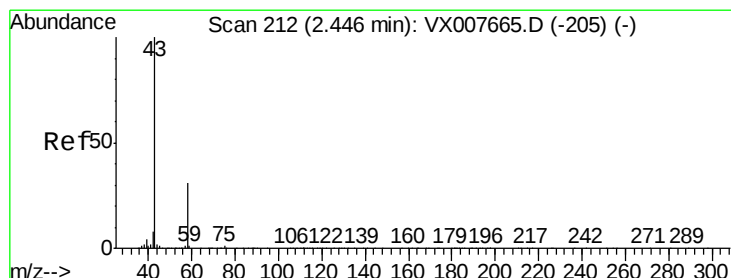
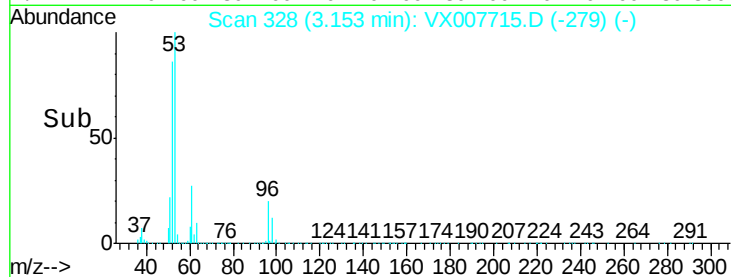
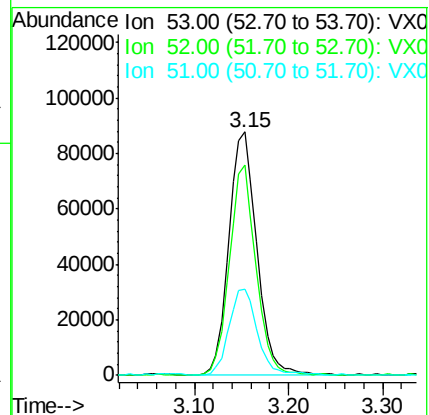
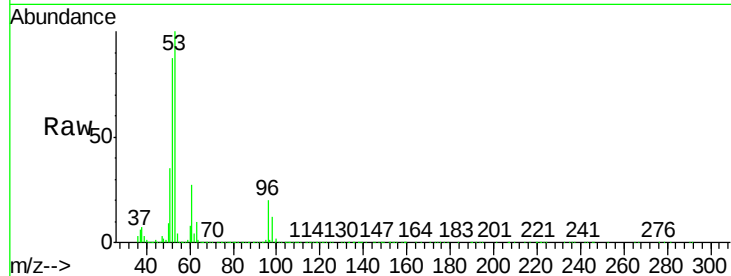
Tot Ion: 53 Resp: 179573

Ion Ratio Lower Upper

53 100

52 82.1 66.4 99.6

51 35.8 28.4 42.6



#16

Acetone

Concen: 96.575 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007715.D

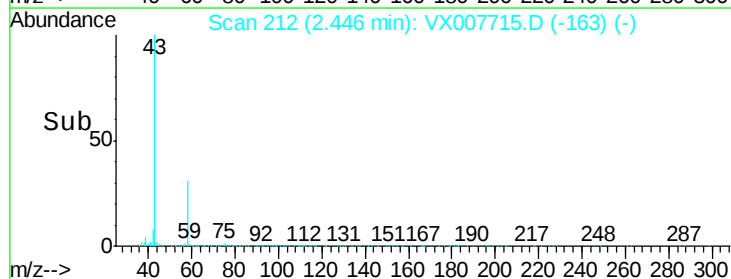
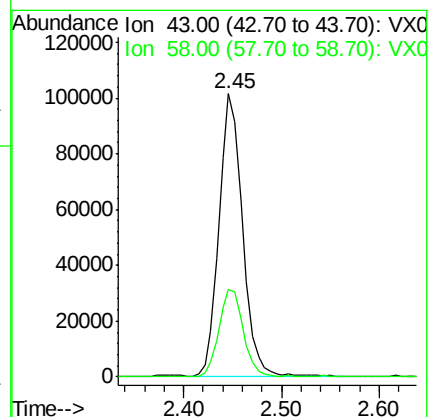
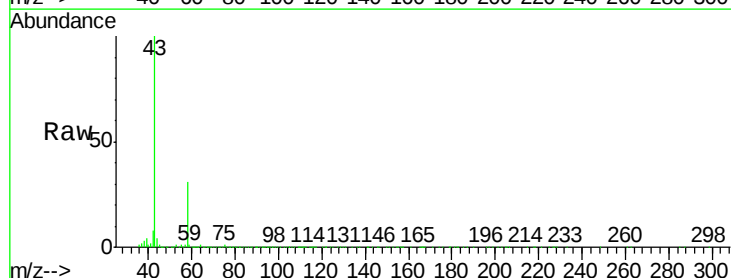
Acq: 26 Feb 2019 15:59

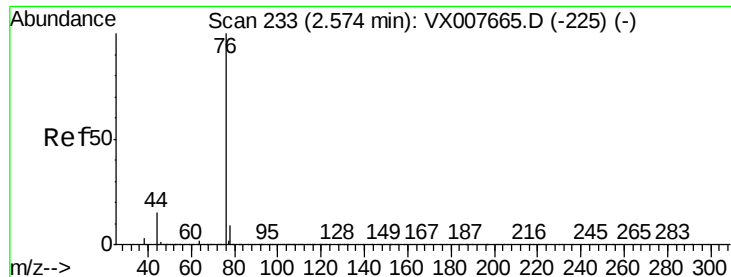
Tgt Ion: 43 Resp: 168571

Ion Ratio Lower Upper

43 100

58 30.9 24.9 37.3





#17

Carbon Disulfide

Concen: 19.263 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

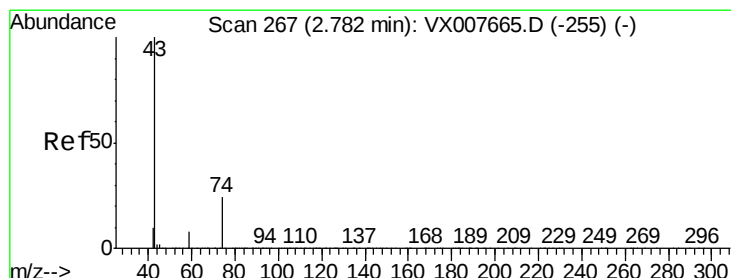
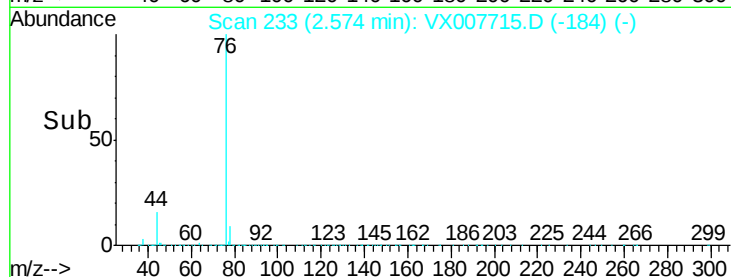
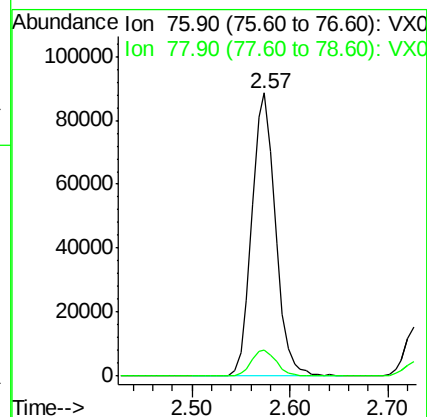
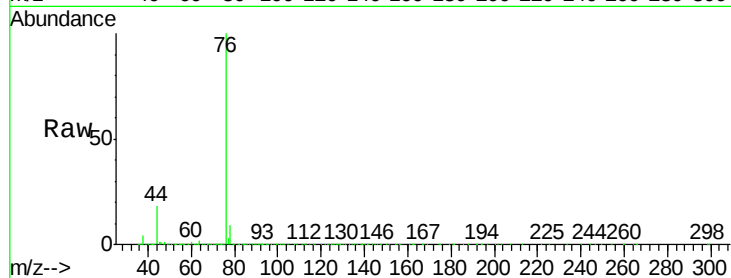
VX0226WBS01

Tot Ion: 76 Resp: 148547

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7



#18

Methyl Acetate

Concen: 20.923 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX007715.D

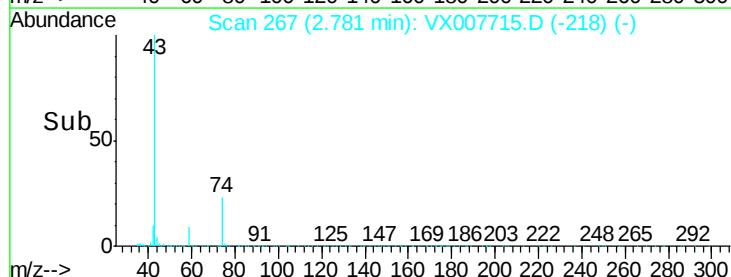
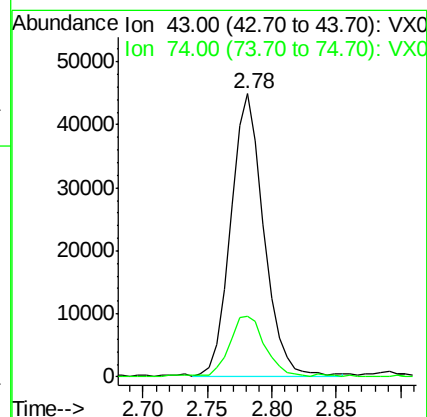
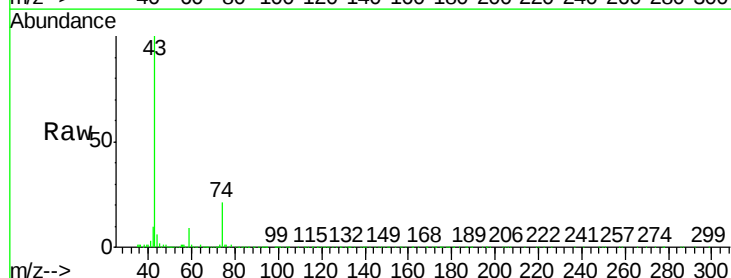
Acq: 26 Feb 2019 15:59

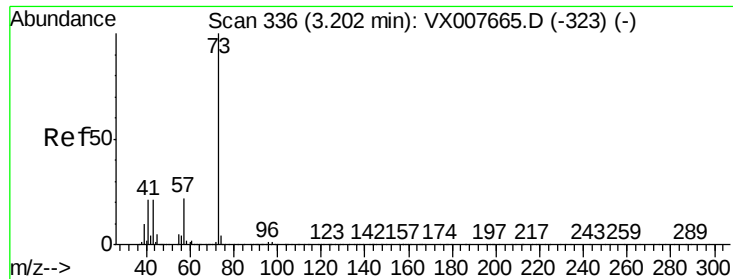
Tgt Ion: 43 Resp: 79693

Ion Ratio Lower Upper

43 100

74 23.2 19.4 29.2

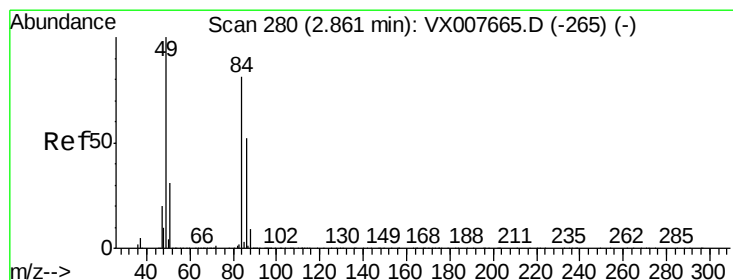
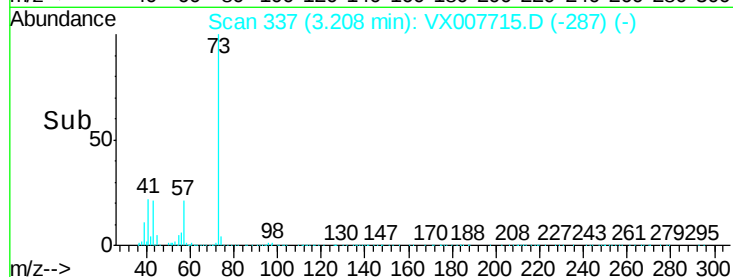
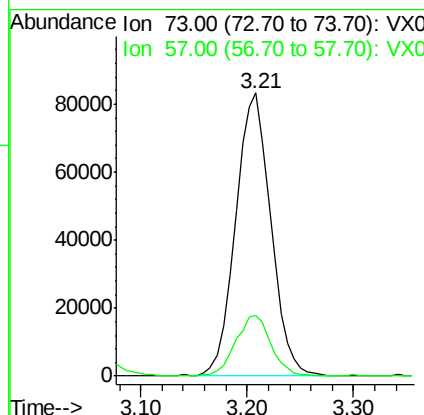
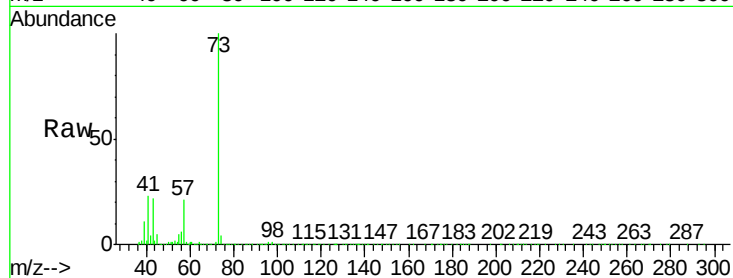




#19
Methvl tert-butvl Ether
Concen: 20.085 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX007715.D
Acq: 26 Feb 2019 15:59

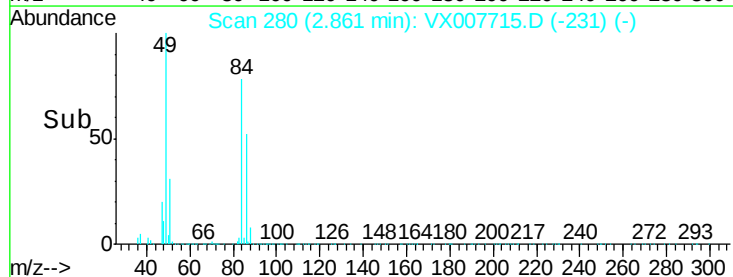
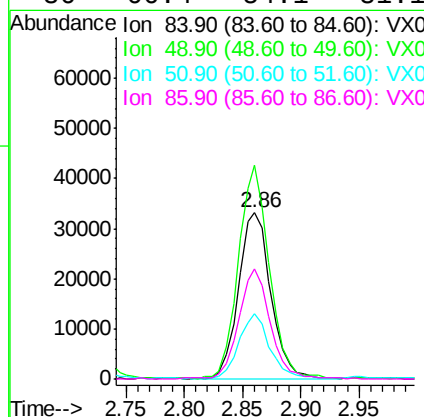
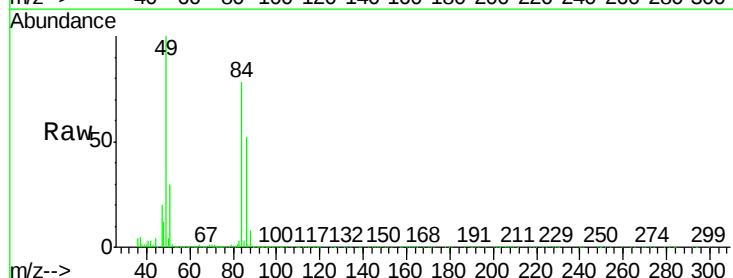
Instrument :
MSVOA_X
ClientSampleId :
VX0226WBS01

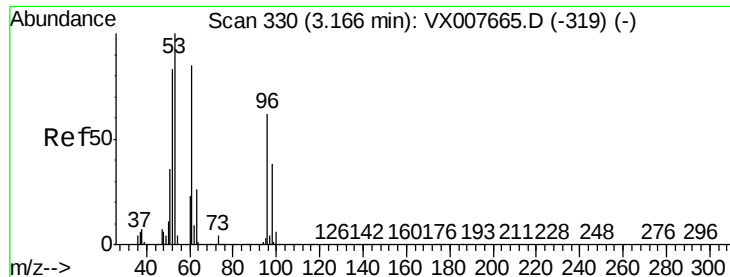
Tot Ion: 73 Resp: 193869
Ion Ratio Lower Upper
73 100
57 21.2 17.8 26.8



#20
Methylene Chloride
Concen: 19.978 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007715.D
Acq: 26 Feb 2019 15:59

Tgt Ion: 84 Resp: 64392
Ion Ratio Lower Upper
84 100
49 128.4 94.8 142.2
51 38.7 29.8 44.8
86 66.4 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 20.212 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampled :

VX0226WBS01

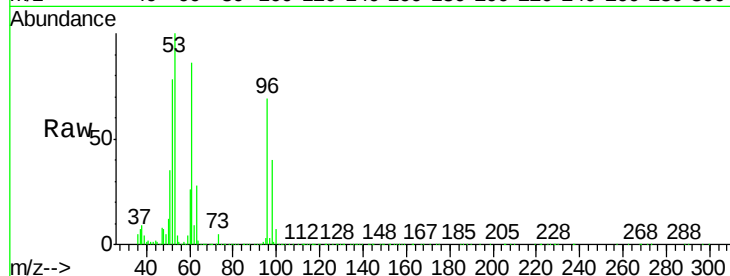
Tot Ion: 96 Resp: 60905

Ion Ratio Lower Upper

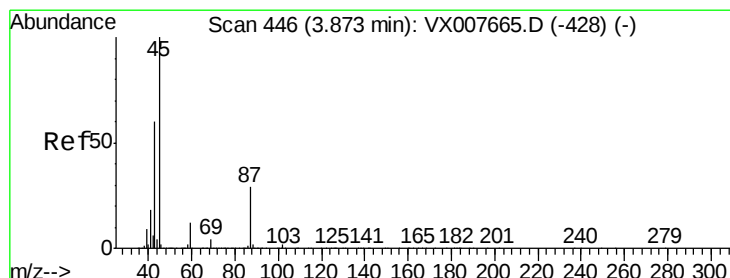
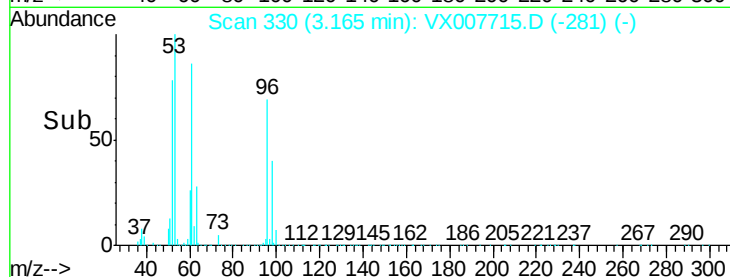
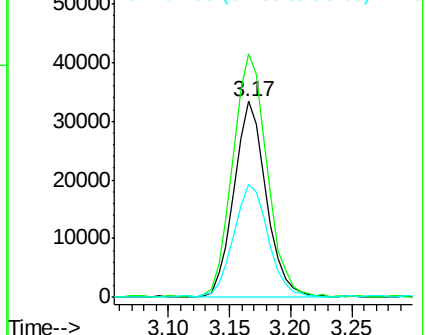
96 100

61 123.8 104.6 156.8

98 57.2 51.0 76.4



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: 19.376 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Tgt Ion: 45 Resp: 206726

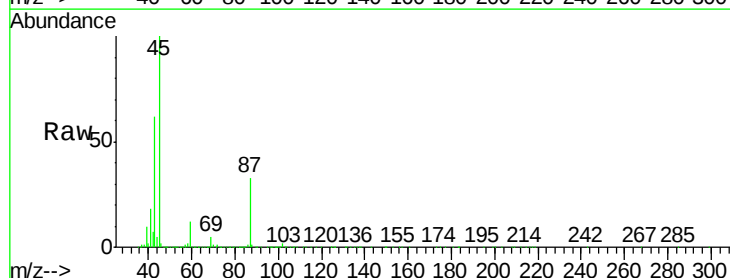
Ion Ratio Lower Upper

45 100

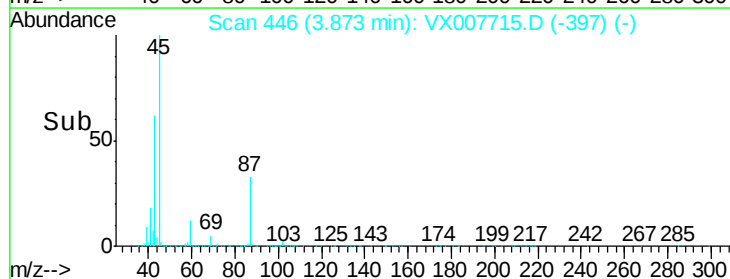
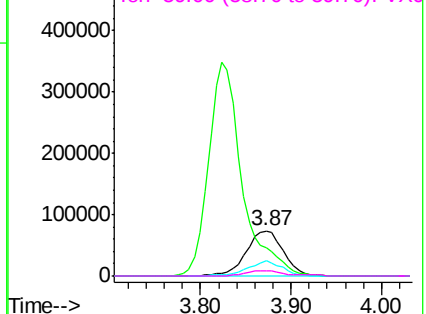
43 61.7 48.9 73.3

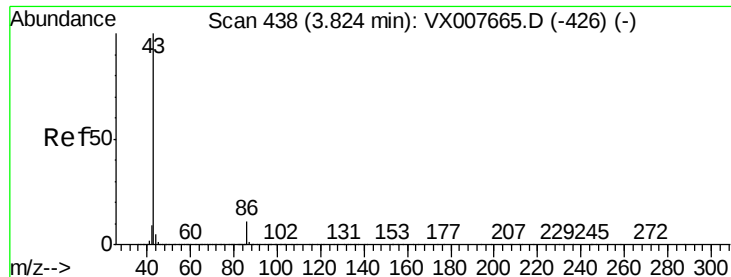
87 32.5 23.9 35.9

59 11.9 9.6 14.4



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: 96.348 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

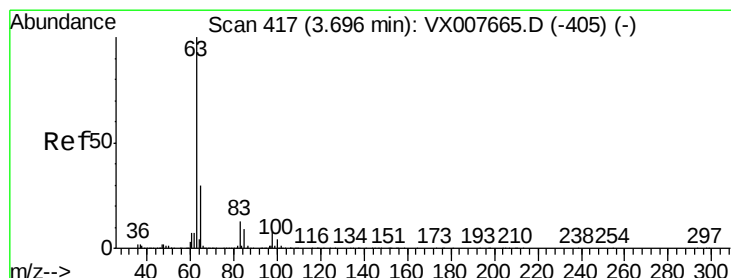
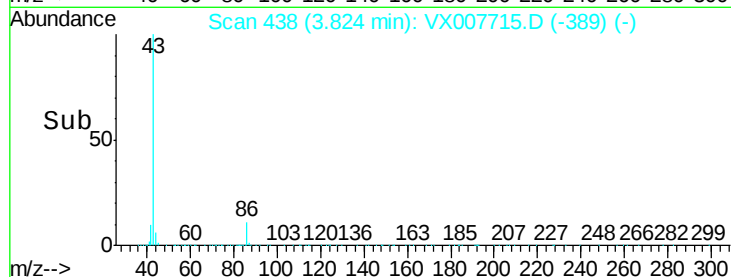
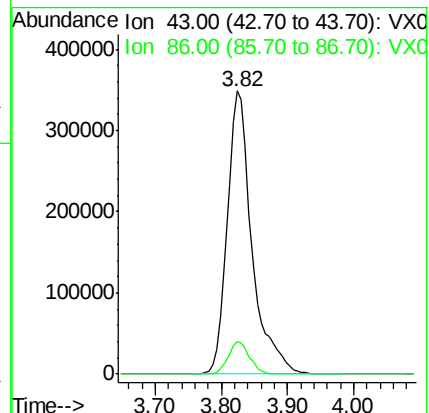
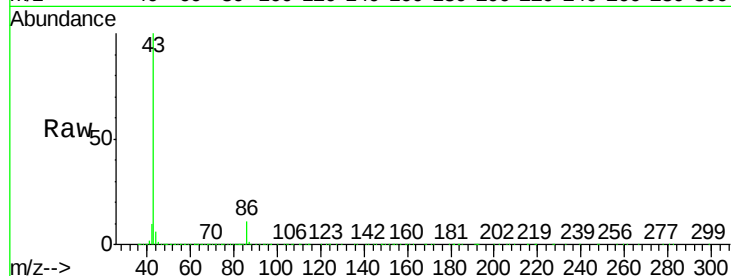
VX0226WBS01

Tot Ion: 43 Resp: 901858

Ion Ratio Lower Upper

43 100

86 11.4 8.7 13.1



#24

1,1-Dichloroethane

Concen: 19.953 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

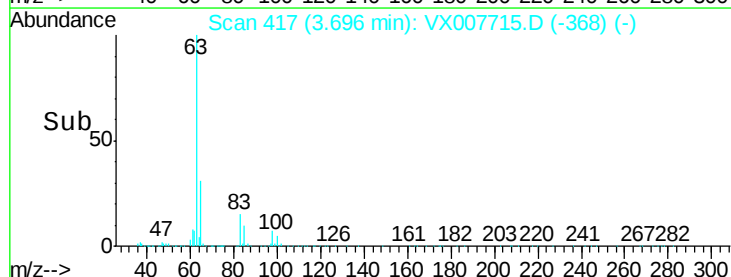
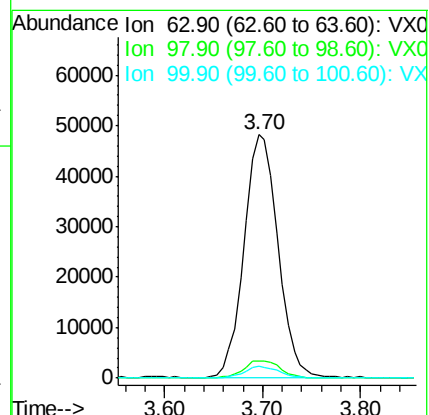
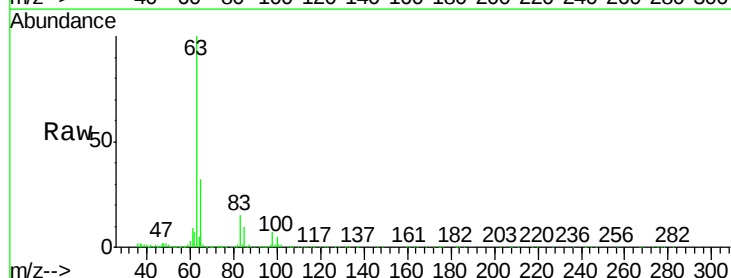
Tgt Ion: 63 Resp: 115696

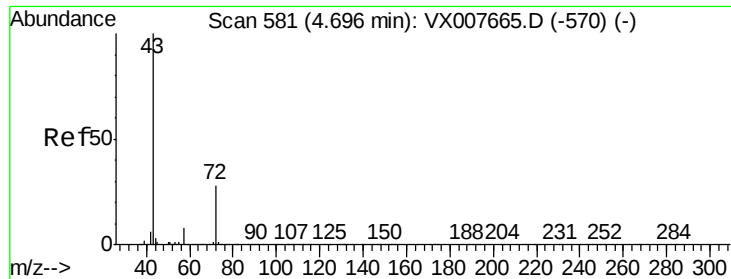
Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.8

100 5.0 2.5 7.4





#25

2-Butanone

Concen: 99.096 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

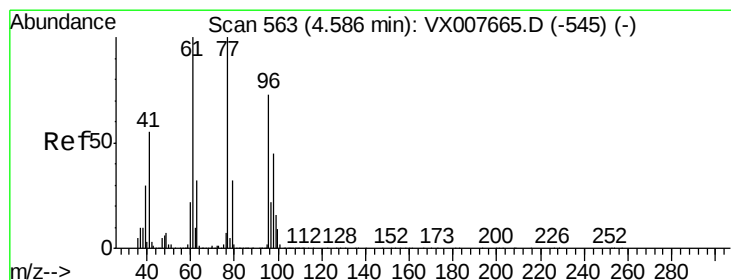
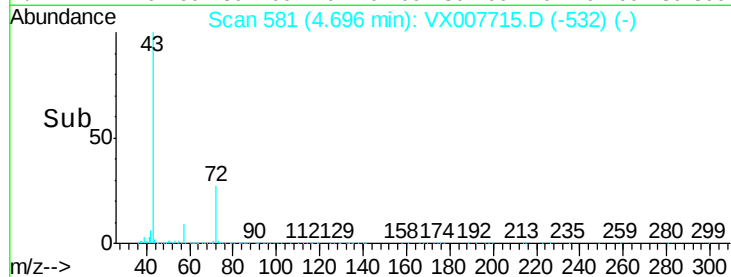
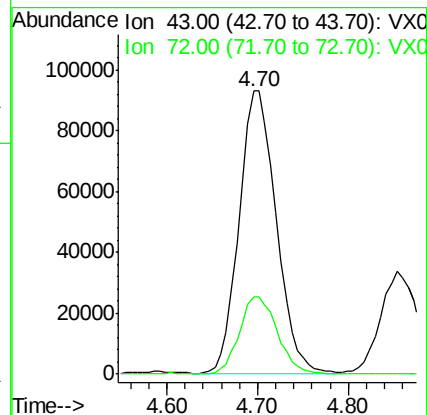
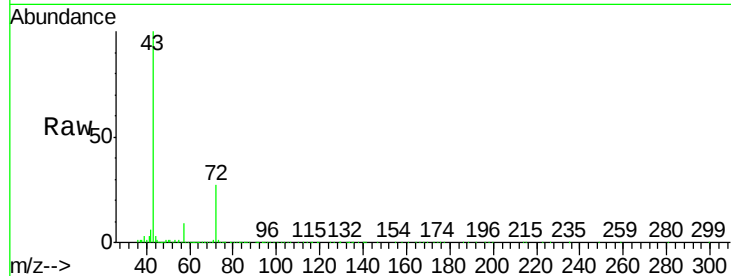
VX0226WBS01

Tot Ion: 43 Resp: 263479

Ion Ratio Lower Upper

43 100

72 27.2 22.2 33.2



#26

2,2-Dichloropropane

Concen: 17.081 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX007715.D

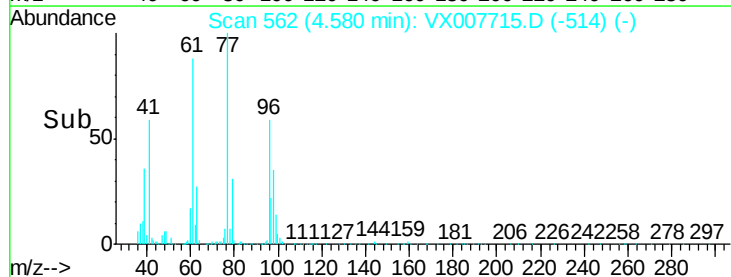
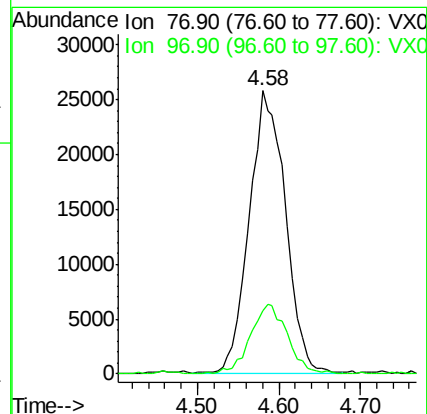
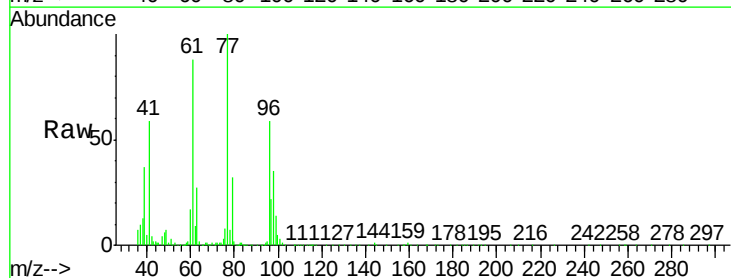
Acq: 26 Feb 2019 15:59

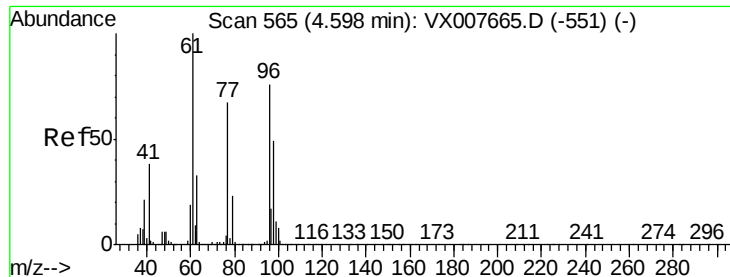
Tgt Ion: 77 Resp: 79060

Ion Ratio Lower Upper

77 100

97 25.5 12.1 36.3



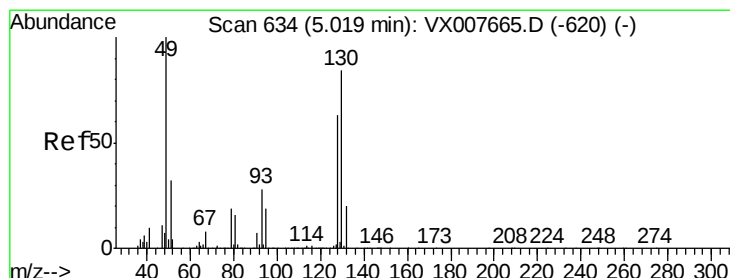
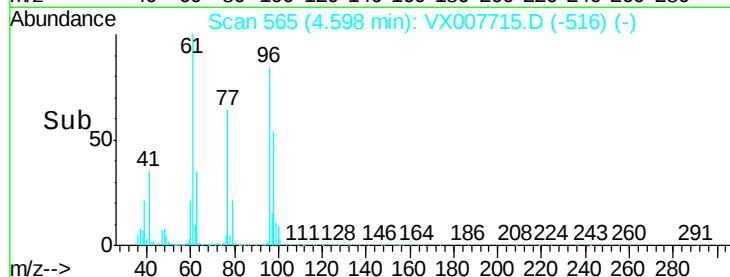
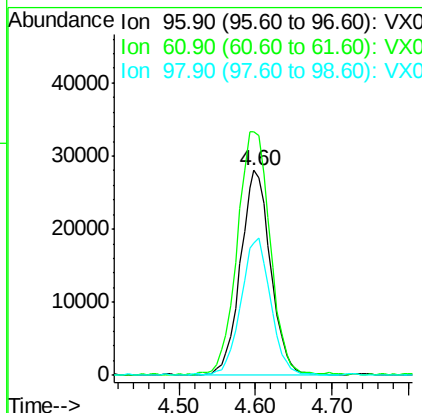
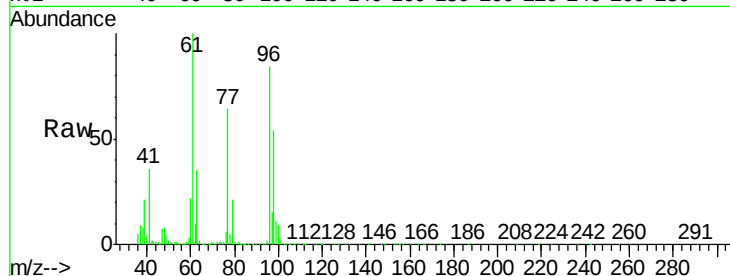


#27

cis-1,2-Dichloroethene
Concen: 20.144 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007715.D
Acq: 26 Feb 2019 15:59

Instrument :
MSVOA_X
ClientSampleId :
VX0226WBS01

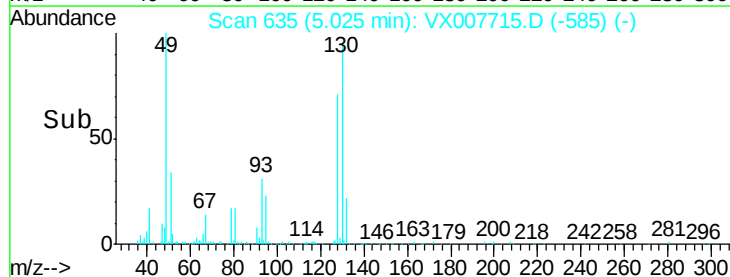
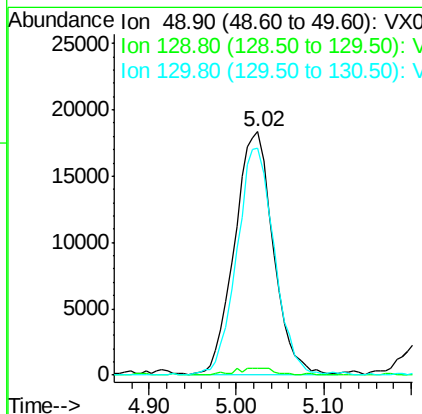
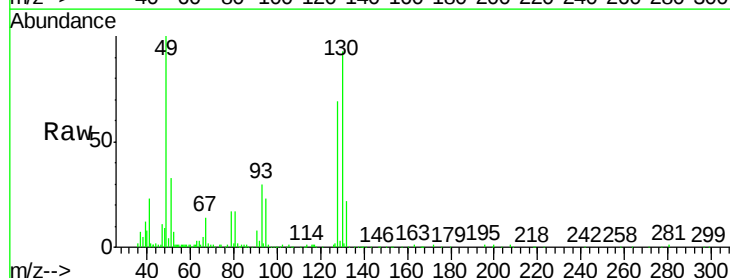
Tot Ion: 96 Resp: 77236
Ion Ratio Lower Upper
96 100
61 128.0 0.0 265.6
98 65.7 0.0 131.6

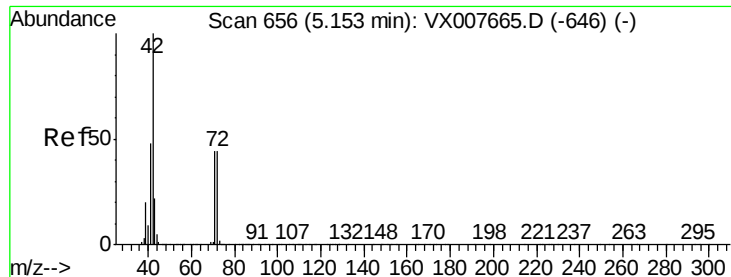


#28

Bromochloromethane
Concen: 19.912 ug/l
RT: 5.02 min Scan# 635
Delta R.T. 0.01 min
Lab File: VX007715.D
Acq: 26 Feb 2019 15:59

Tgt Ion: 49 Resp: 56207
Ion Ratio Lower Upper
49 100
129 2.9 0.0 5.6
130 91.1 75.6 113.4





#29

Tetrahydrofuran

Concen: 96.067 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBS01

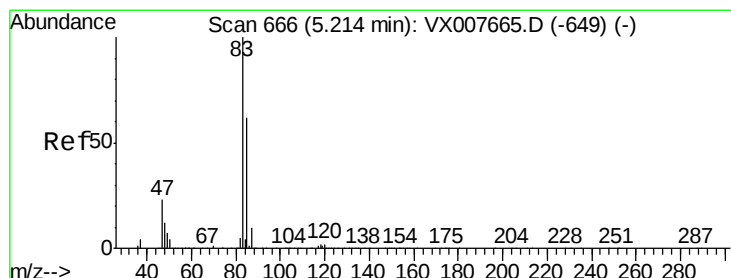
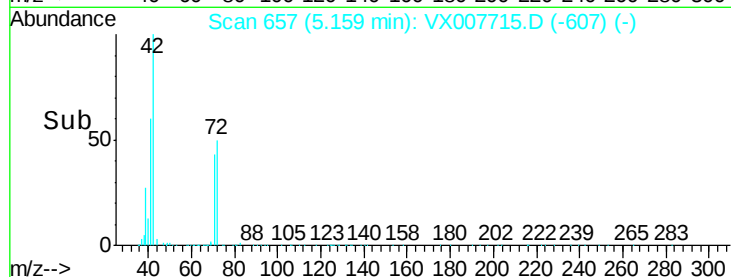
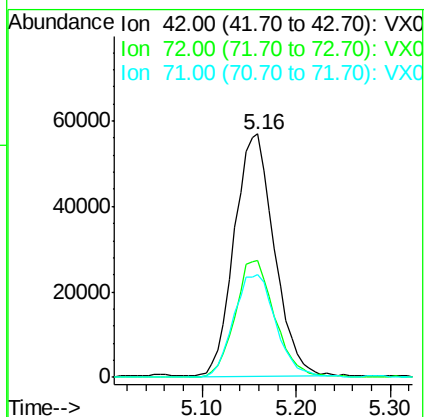
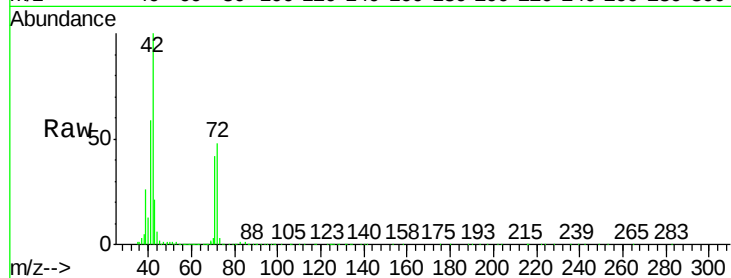
Tot Ion: 42 Resp: 168371

Ion Ratio Lower Upper

42 100

72 47.8 37.6 56.4

71 44.9 34.6 51.8



#30

Chloroform

Concen: 19.899 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX007715.D

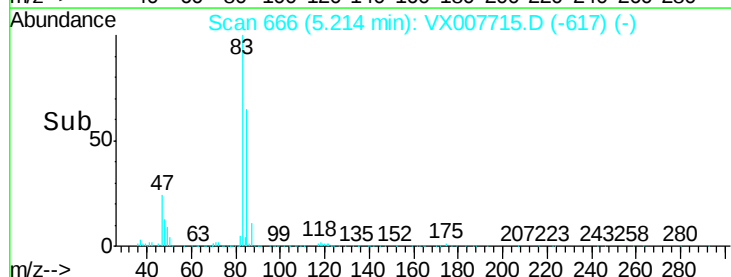
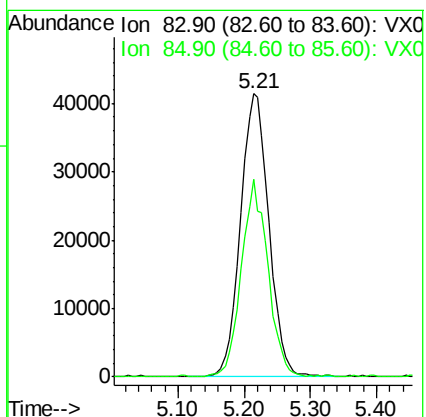
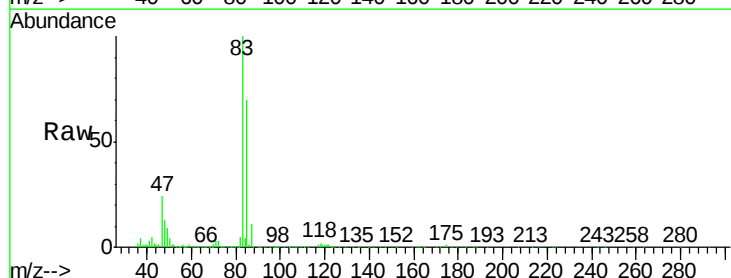
Acq: 26 Feb 2019 15:59

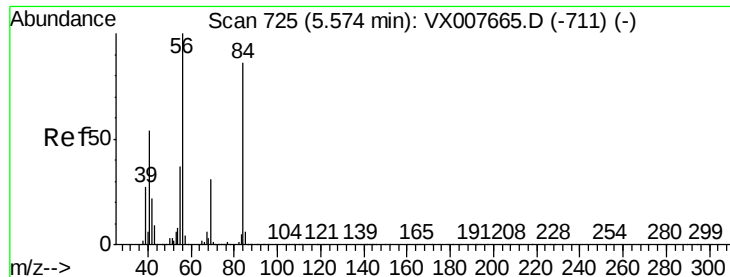
Tgt Ion: 83 Resp: 123595

Ion Ratio Lower Upper

83 100

85 69.5 51.6 77.4

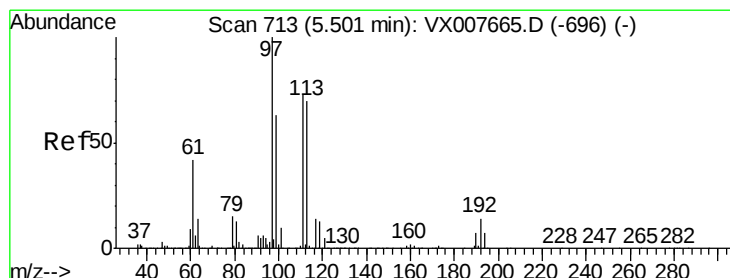
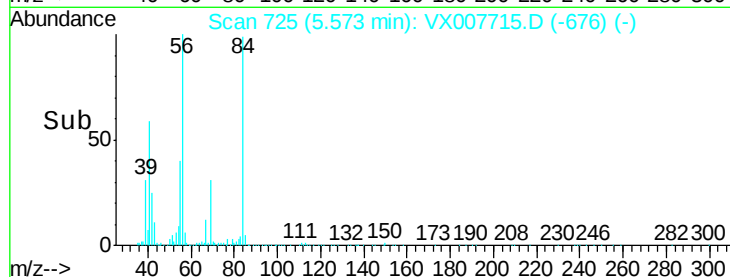
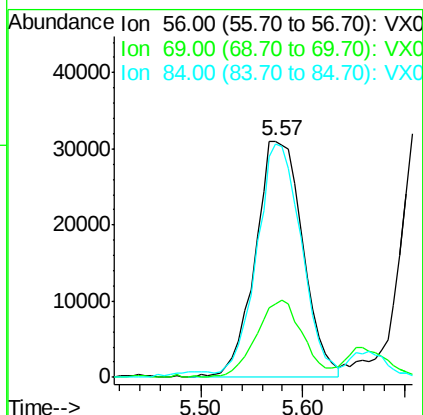
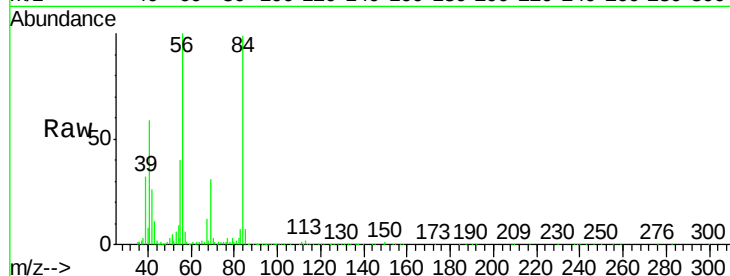




#31
Cyclohexane
Concen: 18.178 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007715.D
Acq: 26 Feb 2019 15:59

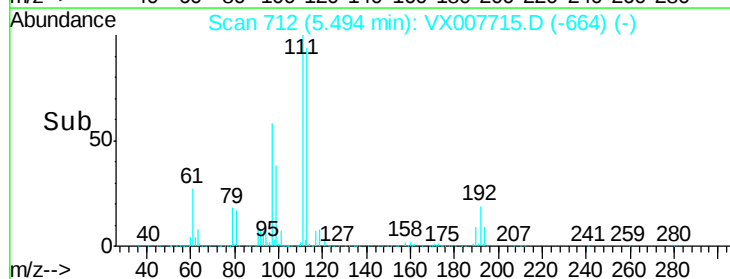
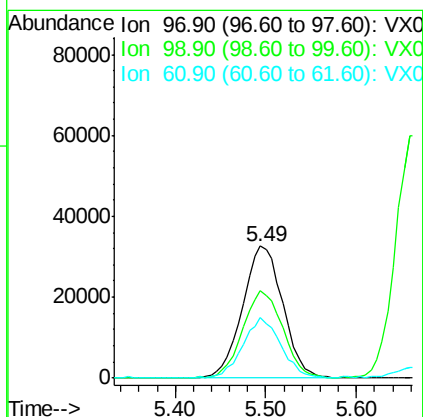
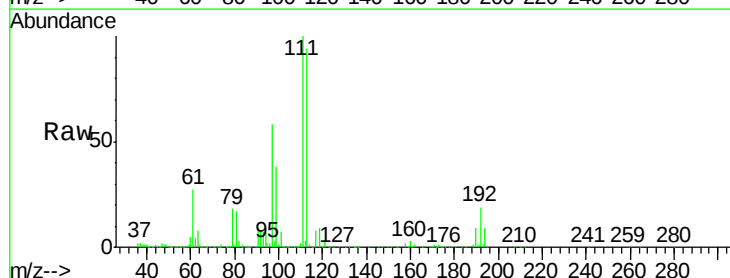
Instrument :
MSVOA_X
ClientSampleId :
VX0226WBS01

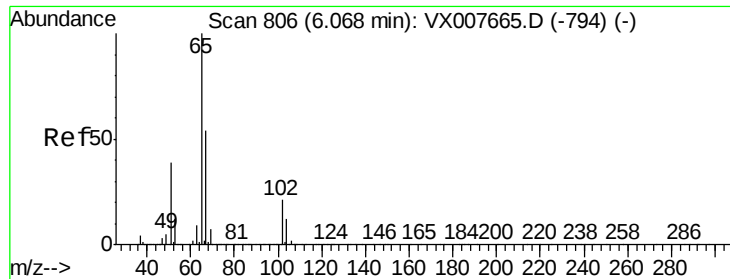
Tot Ion: 56 Resp: 99146
Ion Ratio Lower Upper
56 100
69 30.9 23.0 34.6
84 97.1 69.8 104.6



#32
1,1,1-Trichloroethane
Concen: 19.510 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007715.D
Acq: 26 Feb 2019 15:59

Tgt Ion: 97 Resp: 100214
Ion Ratio Lower Upper
97 100
99 65.2 52.2 78.2
61 42.9 32.7 49.1





#33

1,2-Dichloroethane-d4

Concen: 48.856 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

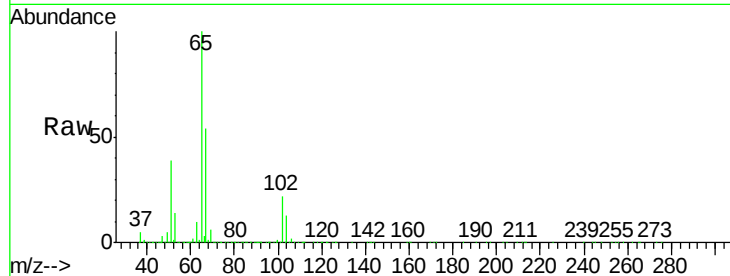
VX0226WBS01

Tot Ion: 65 Resp: 191766

Ion Ratio Lower Upper

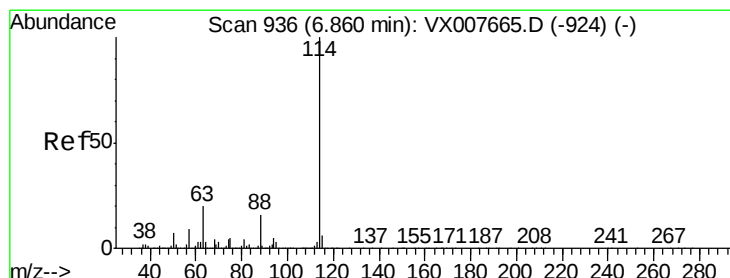
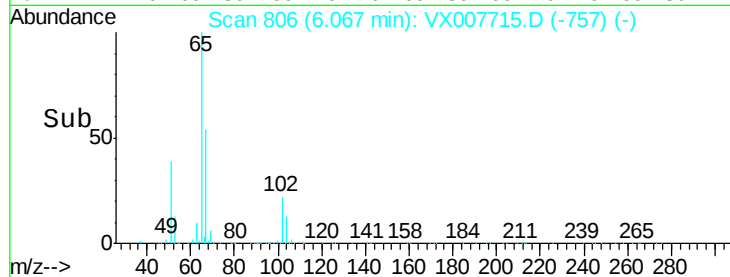
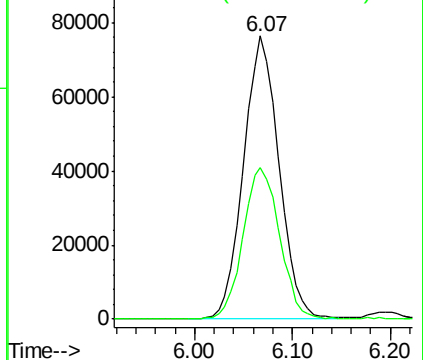
65 100

67 55.3 0.0 108.8



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: VX007715.D

Acq: 26 Feb 2019 15:59

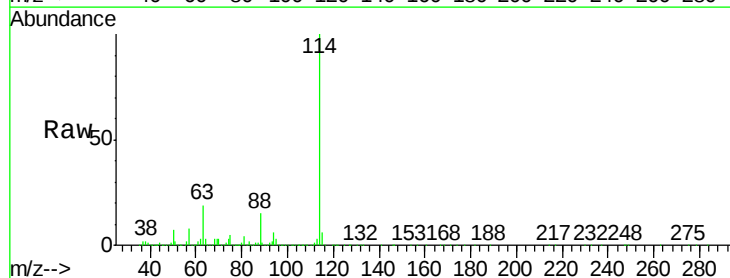
Tgt Ion: 114 Resp: 507061

Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.6

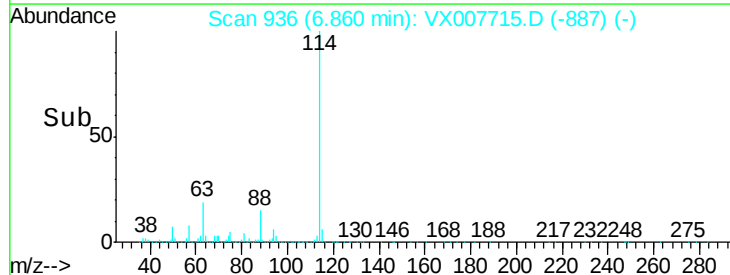
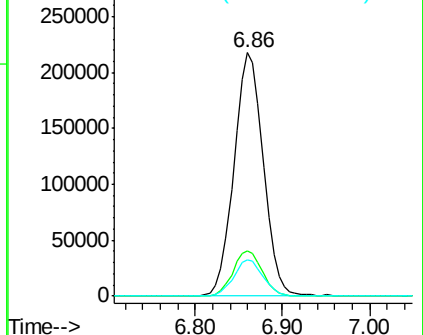
88 14.9 0.0 29.6

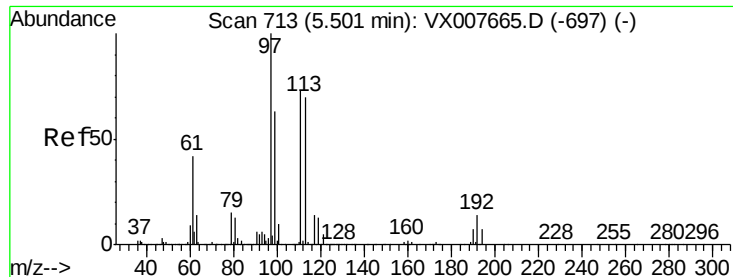


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.812 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBS01

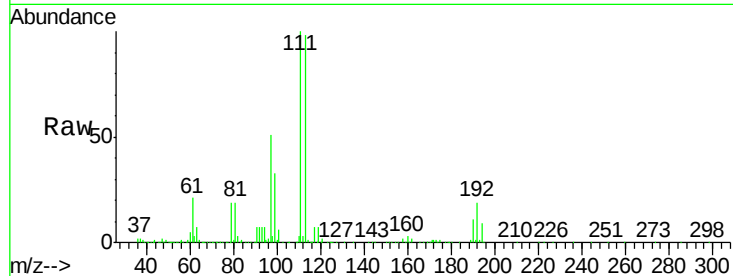
Tot Ion:113 Resp: 172229

Ion Ratio Lower Upper

113 100

111 101.6 81.8 122.8

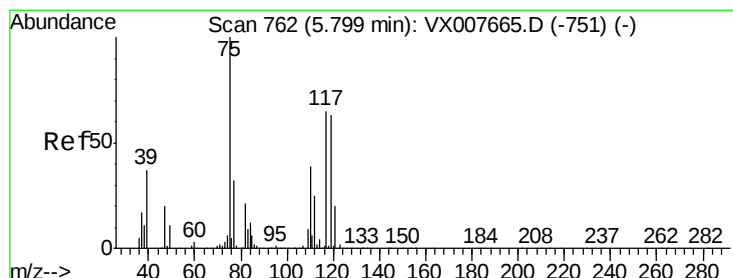
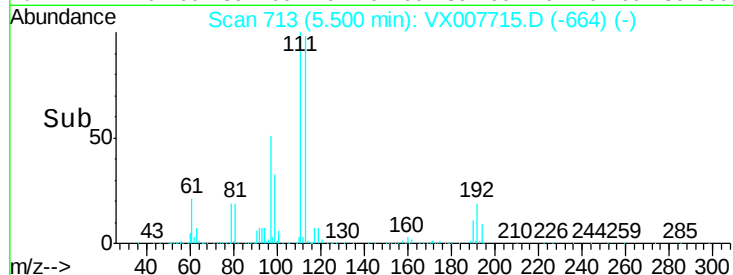
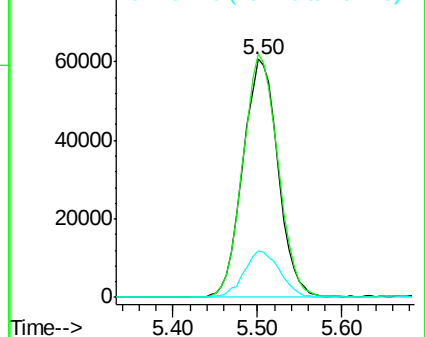
192 20.0 18.5 27.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.155 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

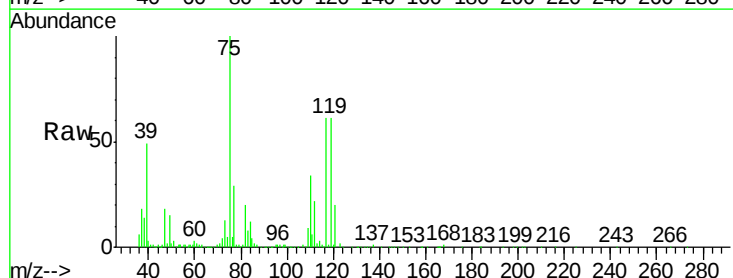
Tgt Ion: 75 Resp: 87321

Ion Ratio Lower Upper

75 100

110 39.7 20.0 59.9

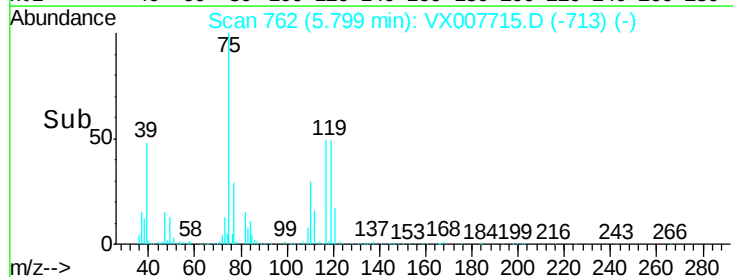
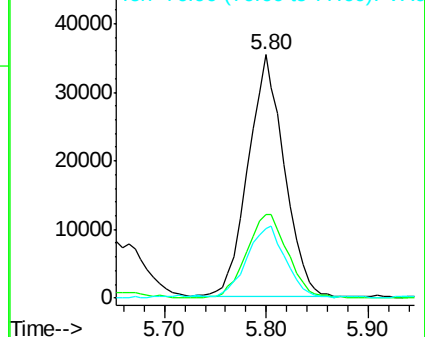
77 31.2 24.7 37.1

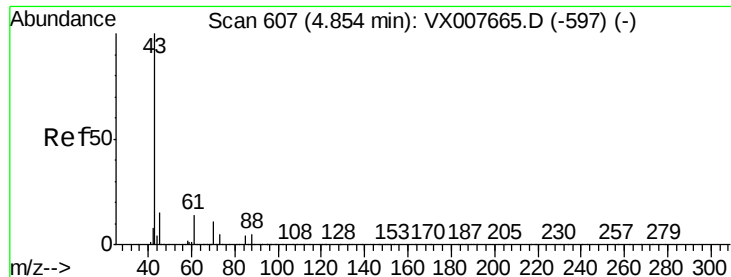


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

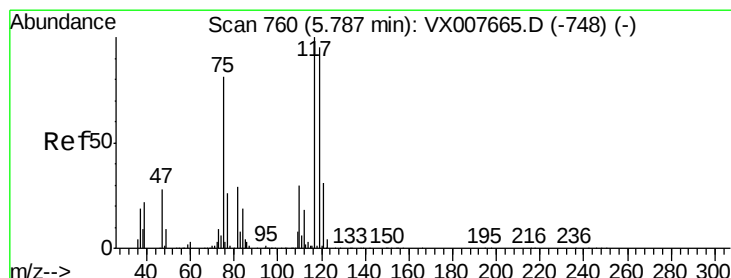
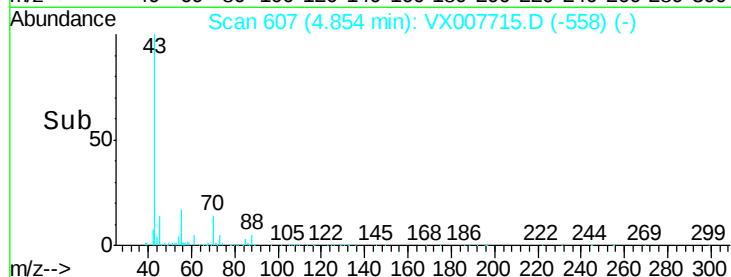
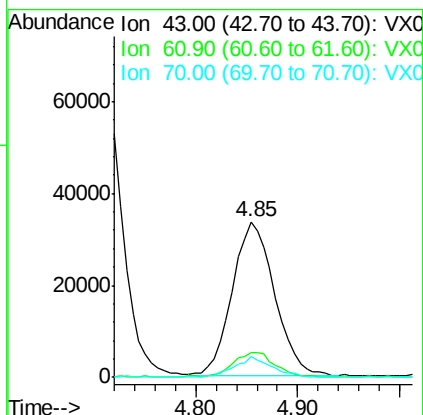
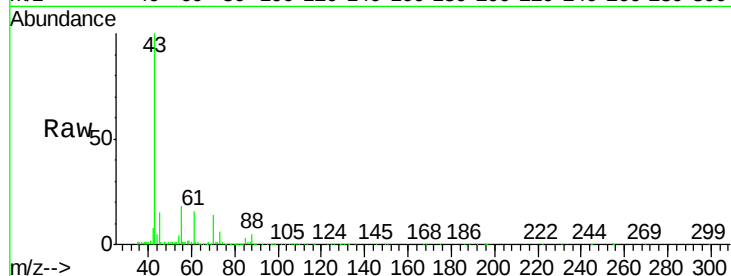




#37
Ethyl Acetate
Concen: 18.970 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007715.D
Acq: 26 Feb 2019 15:59

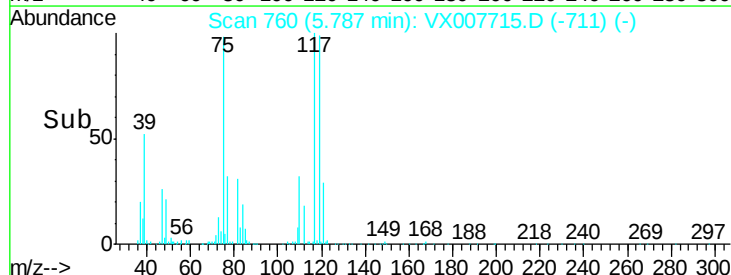
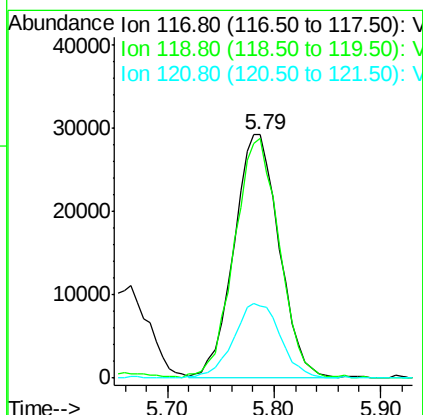
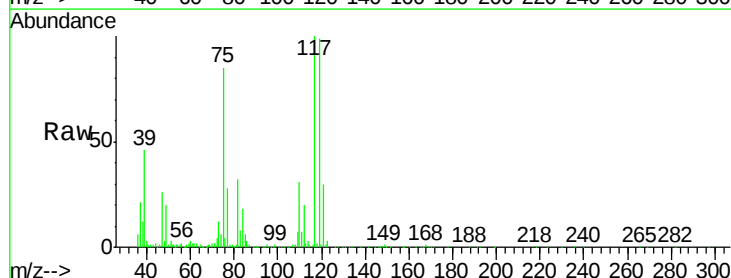
Instrument :
MSVOA_X
ClientSampleId :
VX0226WBS01

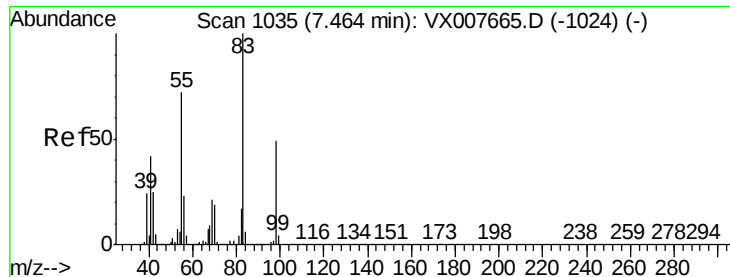
Tot Ion: 43 Resp: 96061
Ion Ratio Lower Upper
43 100
61 15.6 11.3 16.9
70 11.3 8.6 13.0



#38
Carbon Tetrachloride
Concen: 18.872 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX007715.D
Acq: 26 Feb 2019 15:59

Tgt Ion: 117 Resp: 86421
Ion Ratio Lower Upper
117 100
119 98.4 75.3 112.9
121 29.3 25.0 37.4

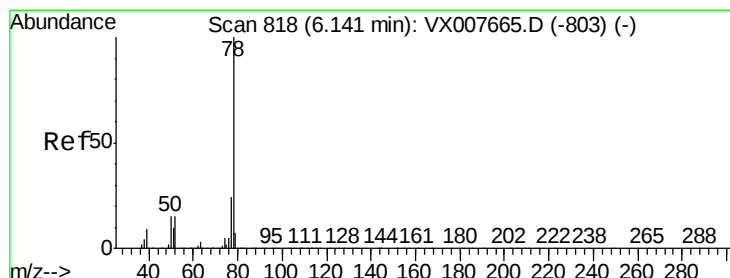
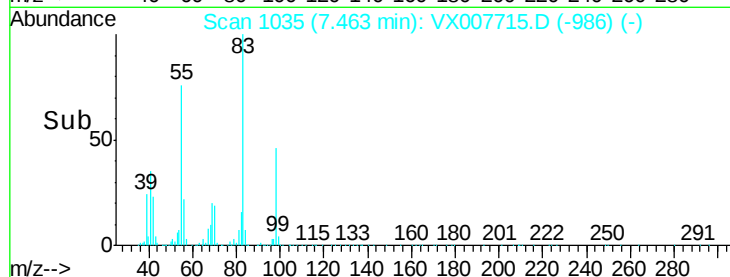
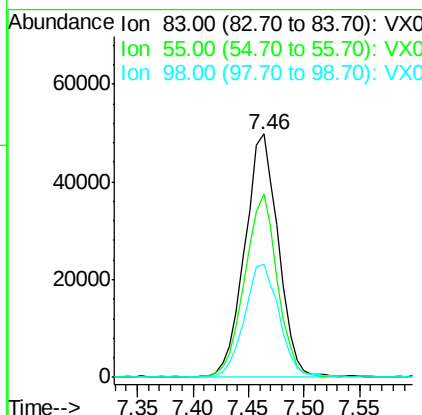
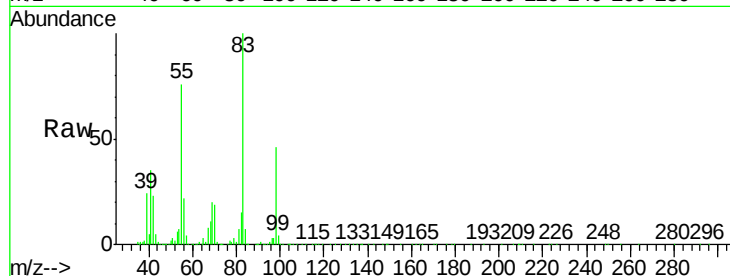




#39
Methvlcvclohexane
Concen: 18.125 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007715.D
Acq: 26 Feb 2019 15:59

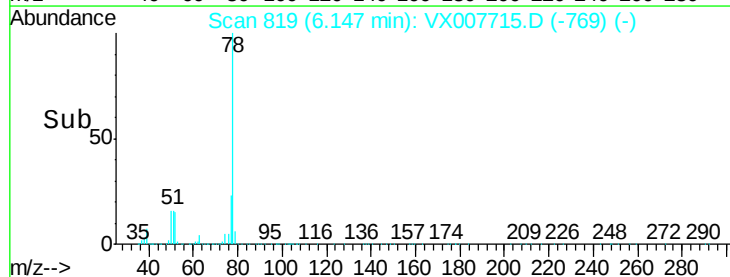
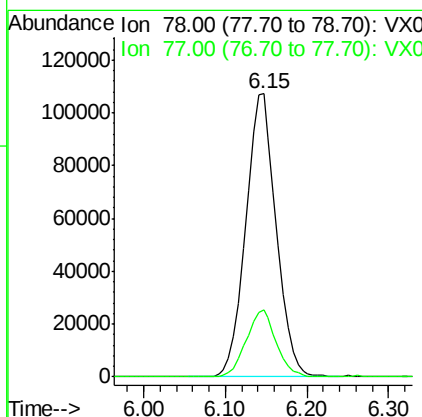
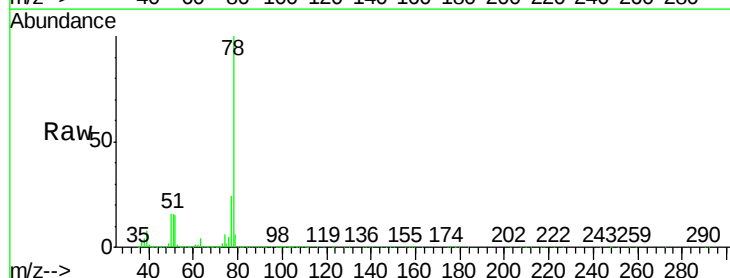
Instrument :
MSVOA_X
ClientSampleId :
VX0226WBS01

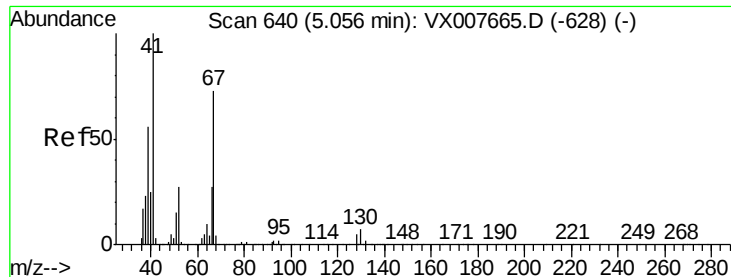
Tot Ion	83.00	Resp	104428
Ion	Ratio	Lower	Upper
83	100		
55	75.3	56.2	84.2
98	46.1	36.8	55.2



#40
Benzene
Concen: 19.758 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007715.D
Acq: 26 Feb 2019 15:59

Tgt Ion	78.00	Resp	278037
Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.3	28.9

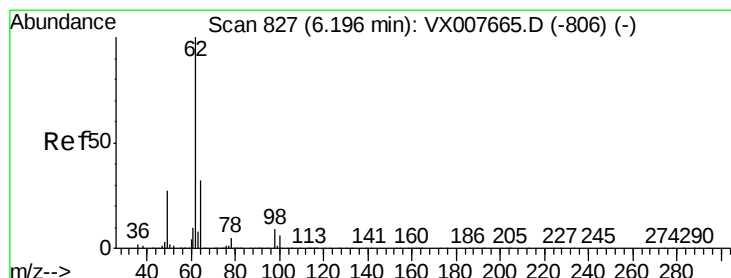
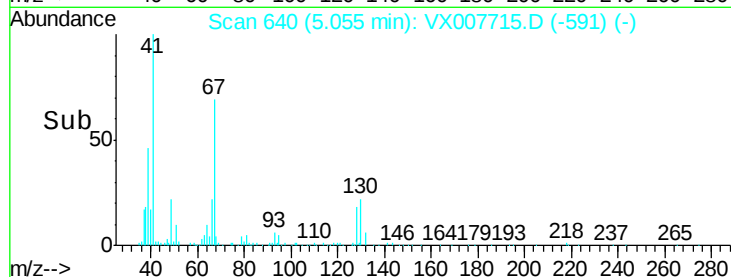
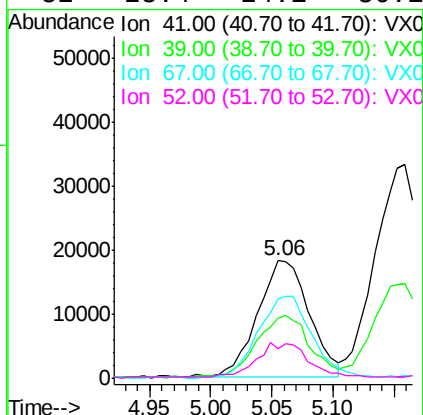
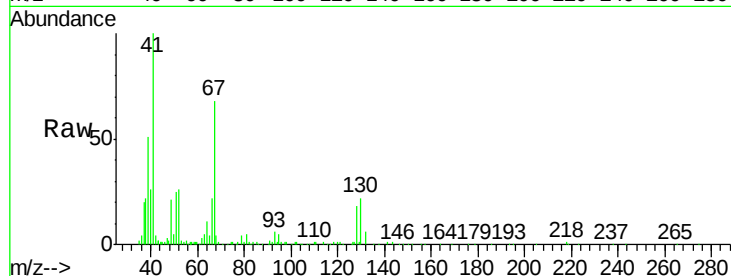




#41
Methacrylonitrile
Concen: 19.901 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.00 min
Lab File: VX007715.D
Acq: 26 Feb 2019 15:59

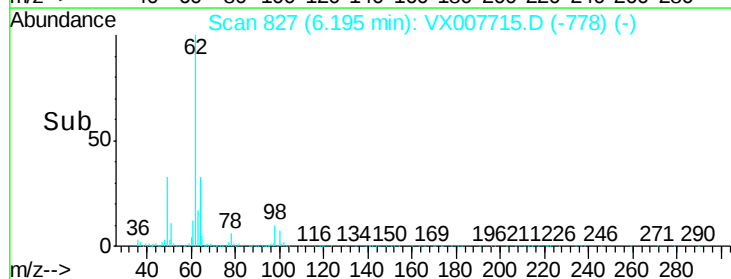
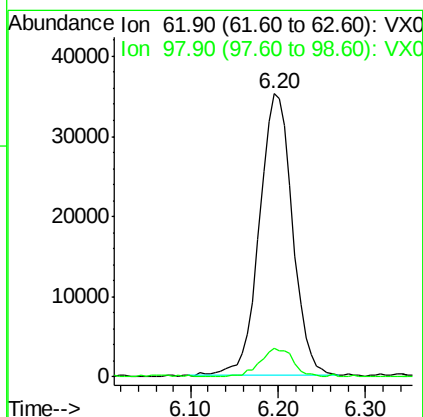
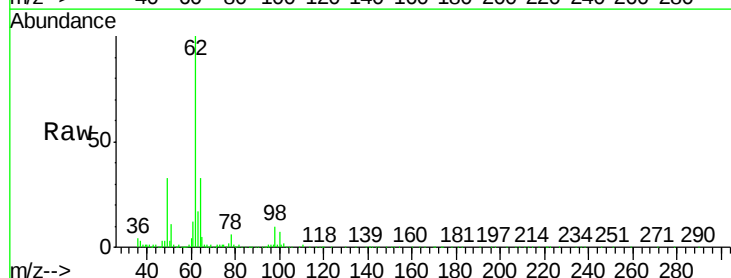
Instrument :
MSVOA_X
ClientSampleId :
VX0226WBS01

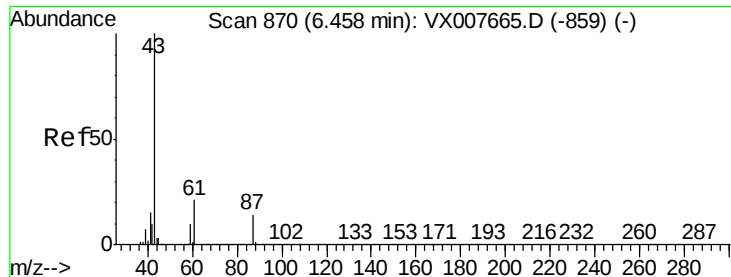
Tot Ion:	41	Resp:	53812
Ion	Ratio	Lower	Upper
41	100		
39	56.2	44.5	66.7
67	73.1	60.4	90.6
52	28.4	24.1	36.1



#42
1,2-Dichloroethane
Concen: 19.674 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007715.D
Acq: 26 Feb 2019 15:59

Tgt Ion:	62	Resp:	93057
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	19.0





#43

Isopropyl Acetate

Concen: 19.498 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBS01

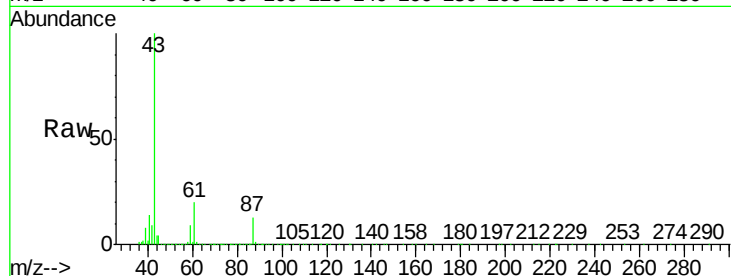
Tot Ion: 43 Resp: 151959

Ion Ratio Lower Upper

43 100

61 20.4 16.1 24.1

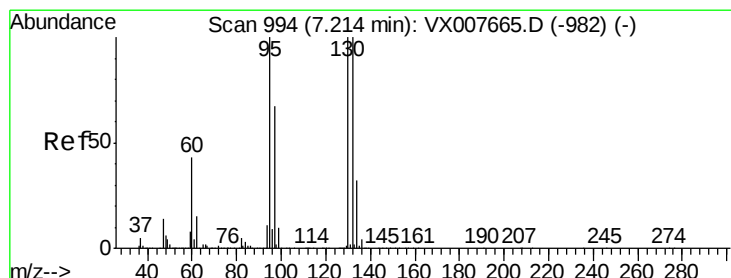
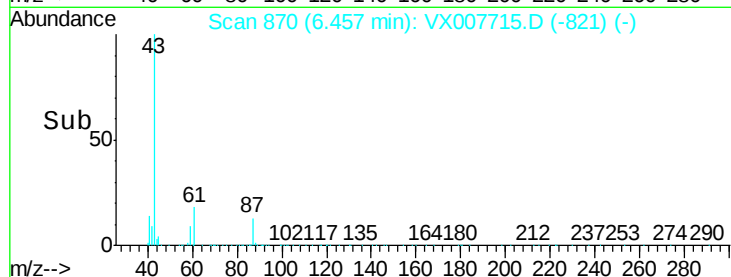
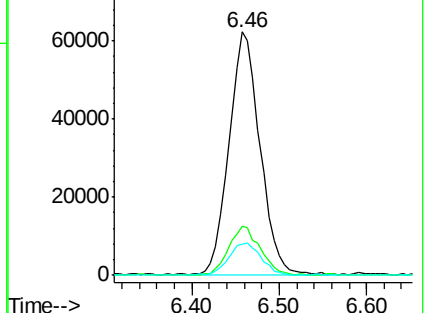
87 13.9 11.5 17.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.596 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX007715.D

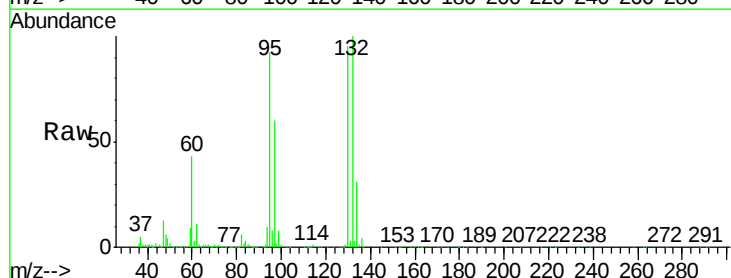
Acq: 26 Feb 2019 15:59

Tgt Ion:130 Resp: 75860

Ion Ratio Lower Upper

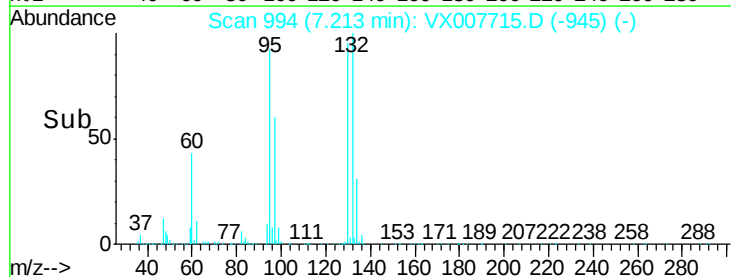
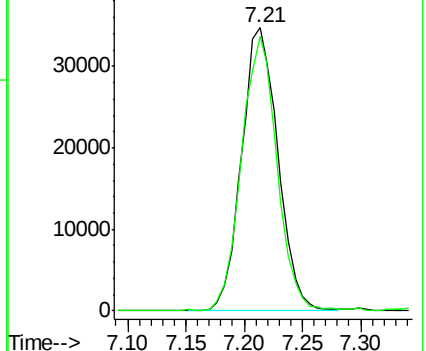
130 100

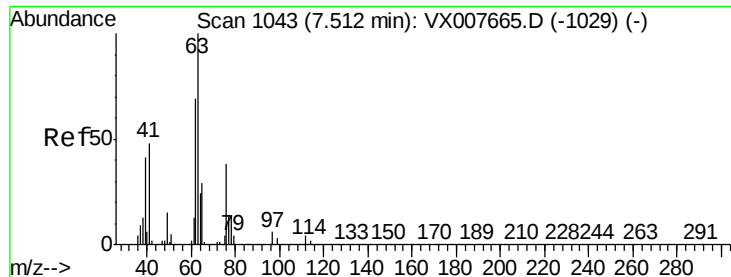
95 96.6 0.0 180.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.253 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

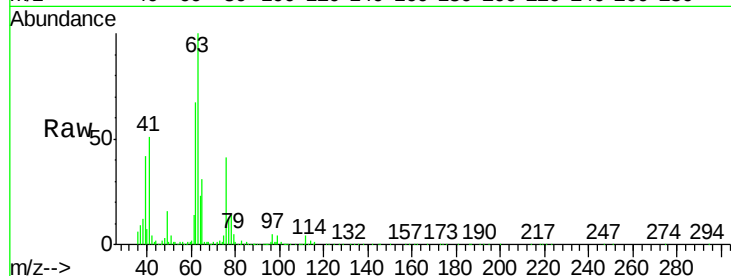
VX0226WBS01

Tot Ion: 63 Resp: 70184

Ion Ratio Lower Upper

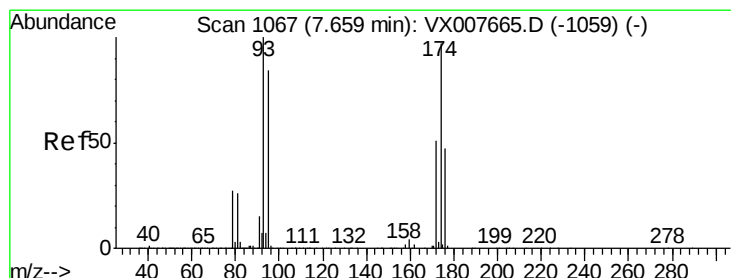
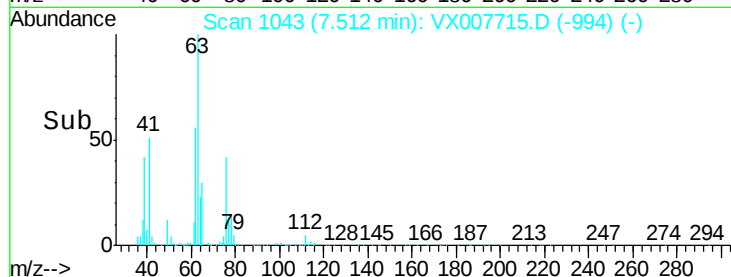
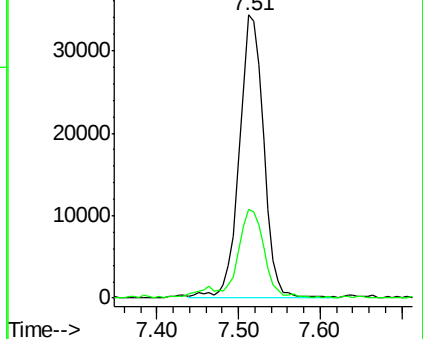
63 100

65 31.2 24.2 36.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.251 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

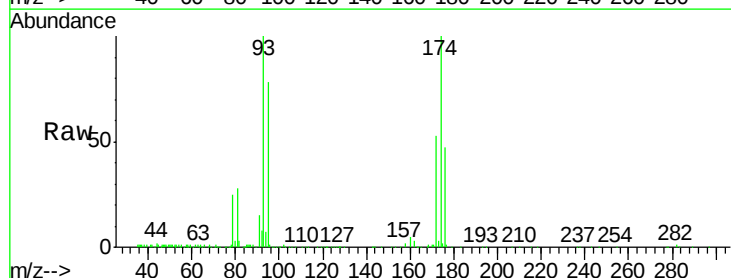
Tgt Ion: 93 Resp: 48957

Ion Ratio Lower Upper

93 100

95 84.3 67.6 101.4

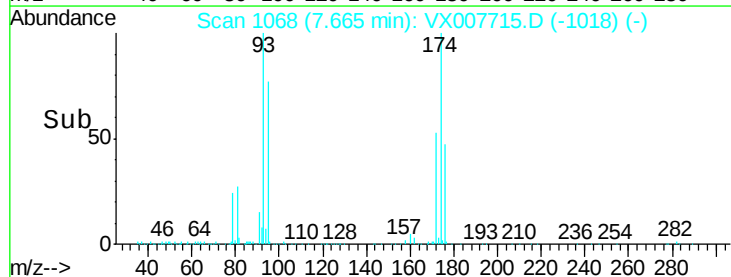
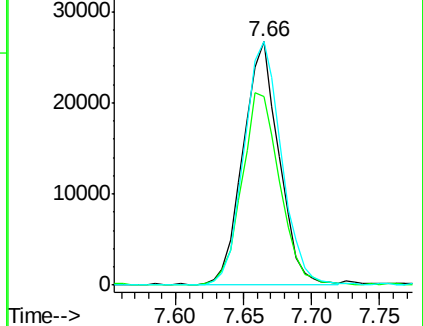
174 105.2 94.2 141.4

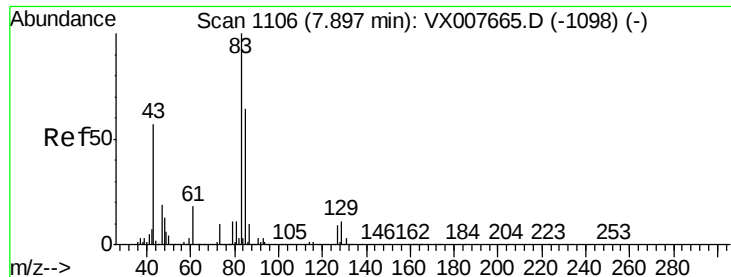


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.230 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBS01

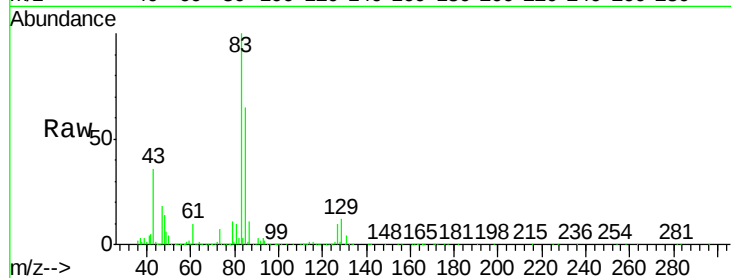
Tot Ion: 83 Resp: 84750

Ion Ratio Lower Upper

83 100

85 65.0 51.4 77.0

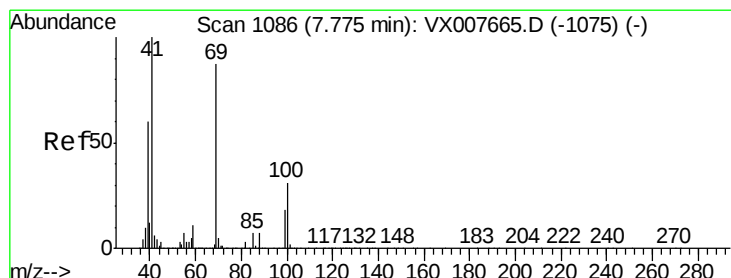
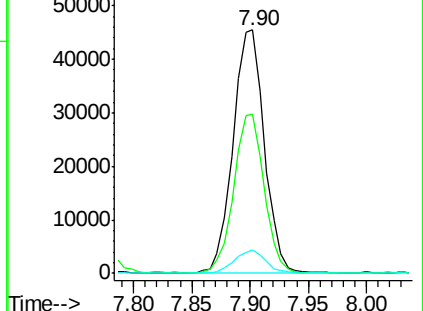
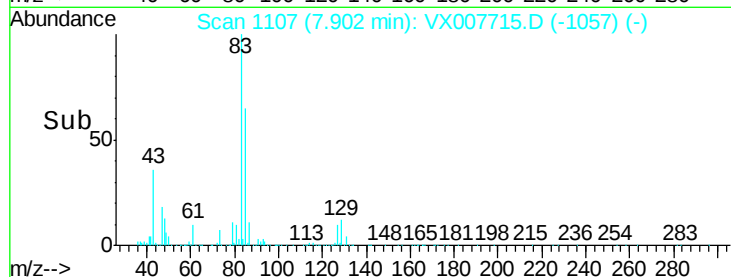
127 9.6 8.1 12.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.815 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

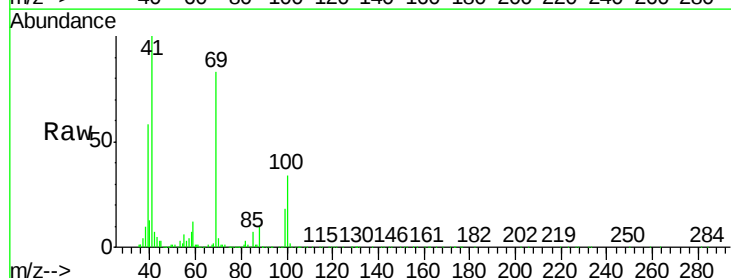
Tgt Ion: 41 Resp: 76866

Ion Ratio Lower Upper

41 100

69 88.1 70.2 105.4

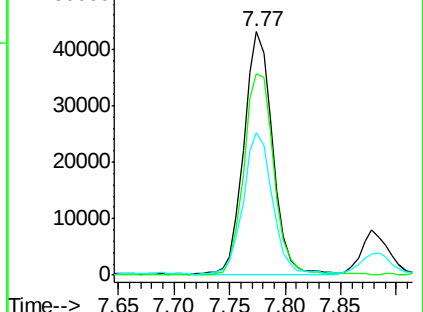
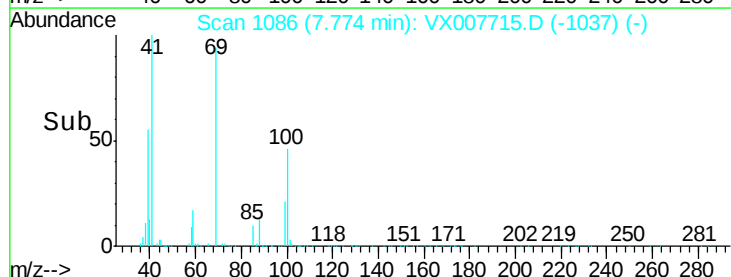
39 60.7 47.4 71.0

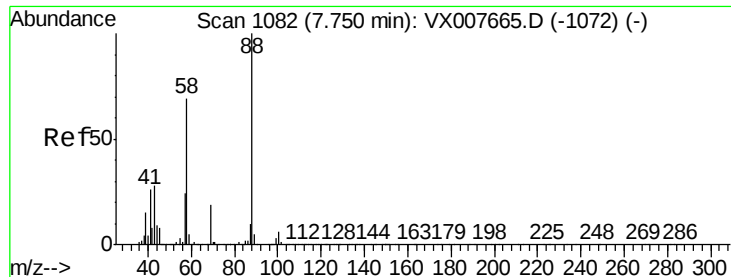


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 395.792 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBS01

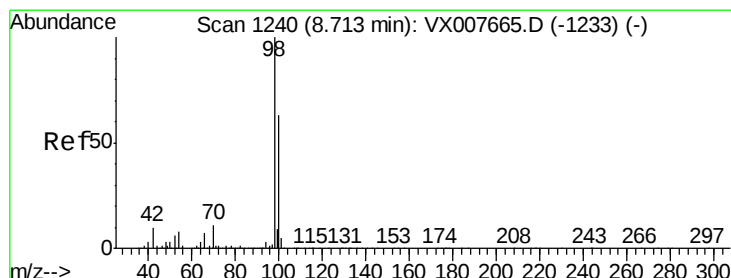
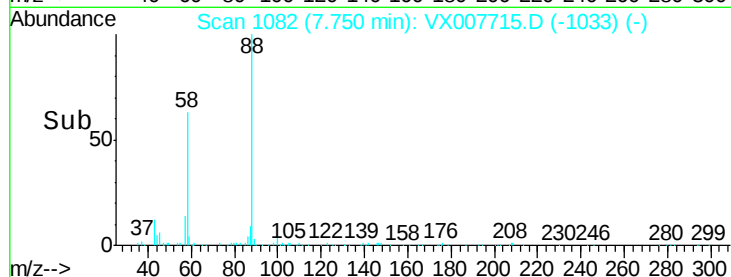
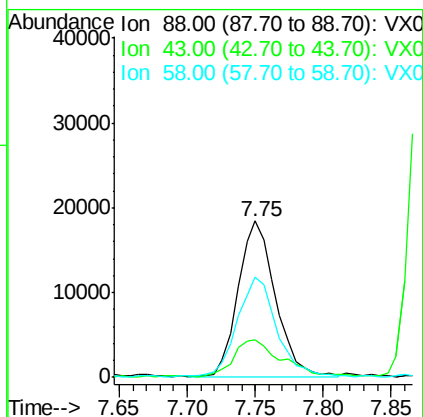
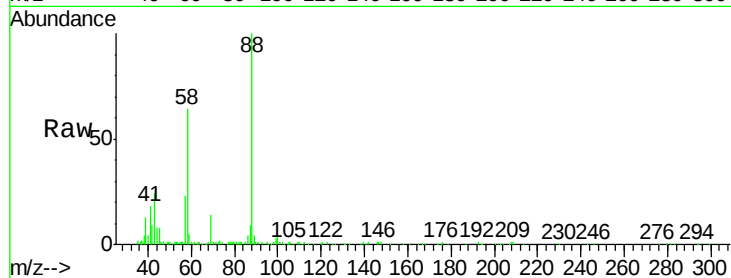
Tot Ion: 88 Resp: 34923

Ion	Ratio	Lower	Upper
88	100		
43	31.4	24.2	36.4
58	68.1	53.0	79.4

88 100

43 31.4 24.2 36.4

58 68.1 53.0 79.4



#50

Toluene-d8

Concen: 48.717 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007715.D

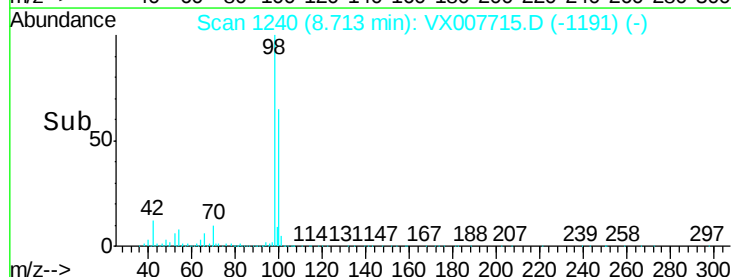
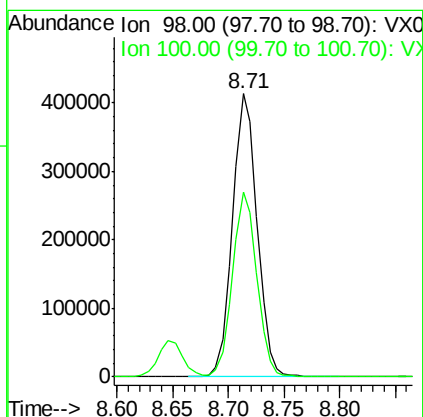
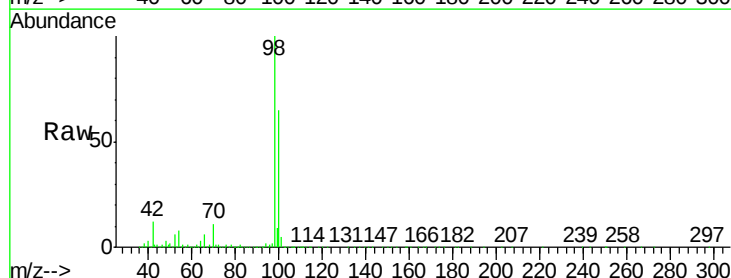
Acq: 26 Feb 2019 15:59

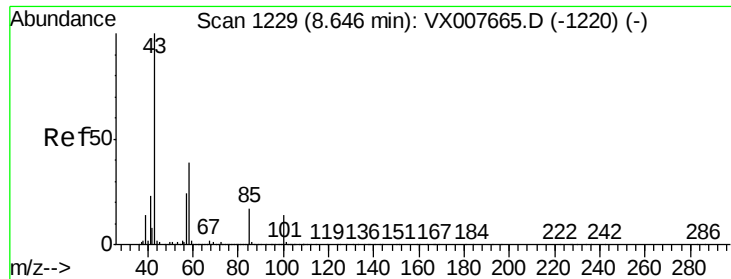
Tgt Ion: 98 Resp: 632179

Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.6	77.4

98 100

100 64.7 51.6 77.4

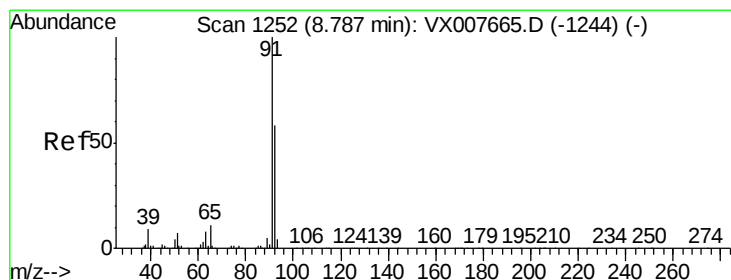
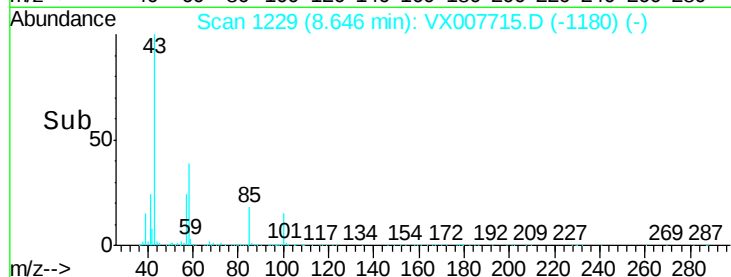
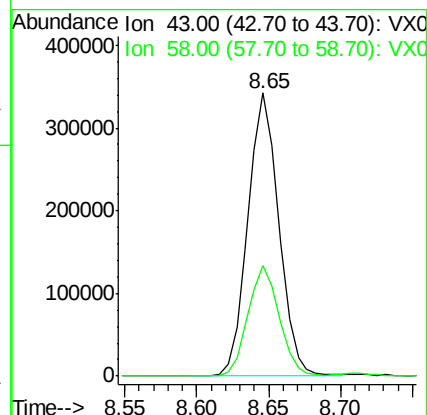
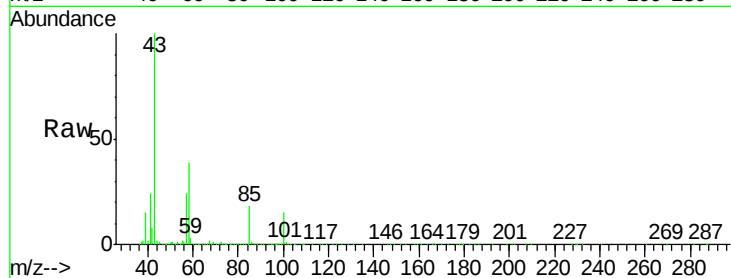




#51
 4-Methyl-2-Pentanone
 Concen: 97.645 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VX007715.D
 Acq: 26 Feb 2019 15:59

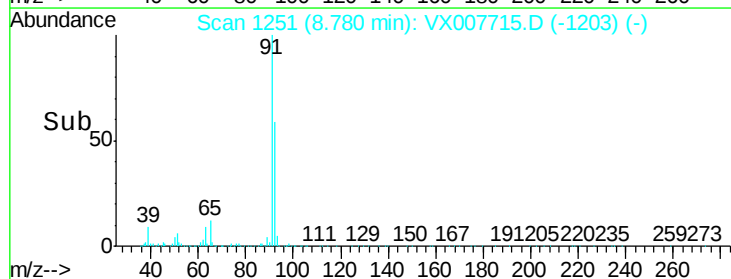
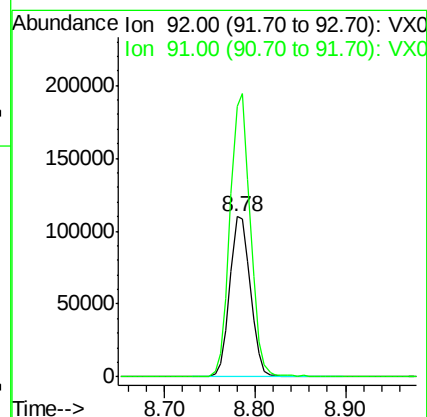
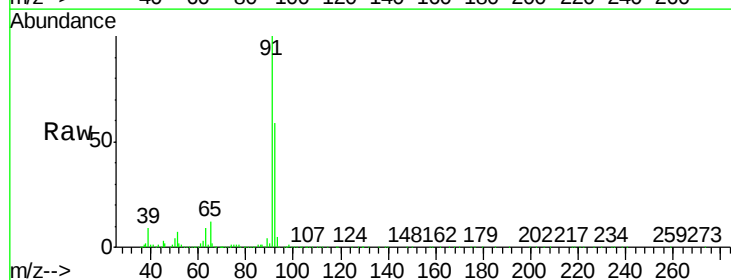
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0226WBS01

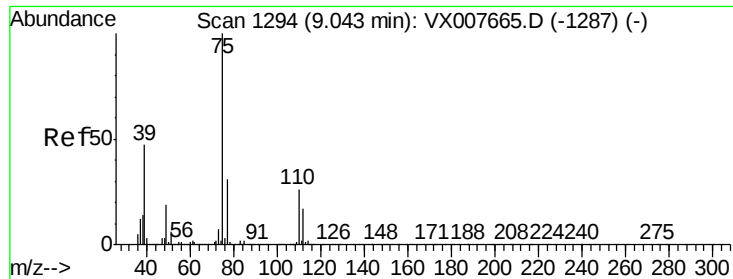
Tot Ion: 43 Resp: 509407
 Ion Ratio Lower Upper
 43 100
 58 38.9 31.2 46.8



#52
 Toluene
 Concen: 19.729 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX007715.D
 Acq: 26 Feb 2019 15:59

Tgt Ion: 92 Resp: 175069
 Ion Ratio Lower Upper
 92 100
 91 172.4 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 18.219 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

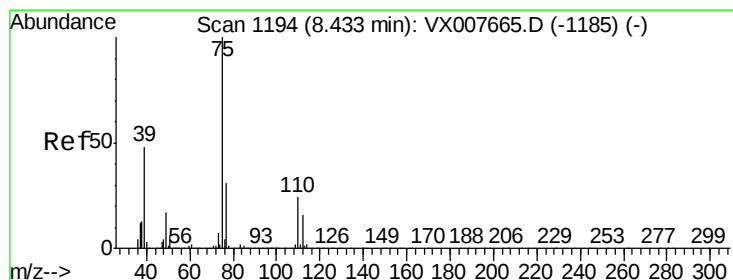
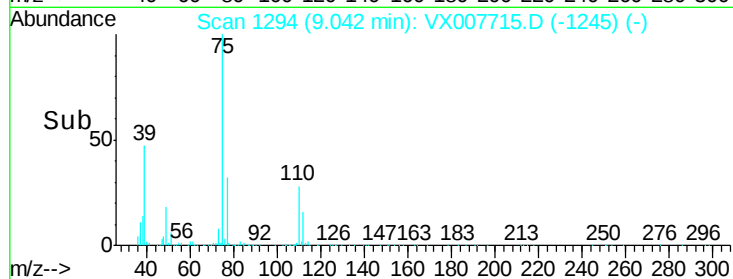
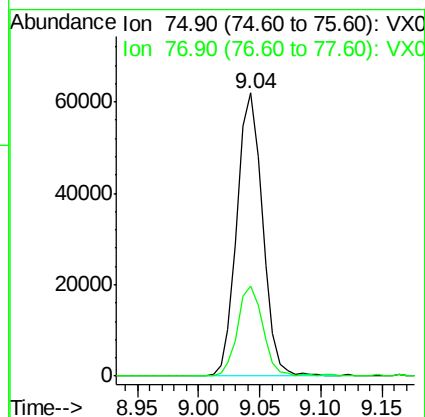
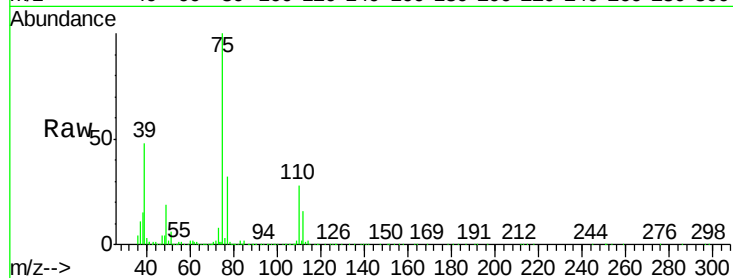
VX0226WBS01

Tot Ion: 75 Resp: 89481

Ion Ratio Lower Upper

75 100

77 31.9 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 19.075 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

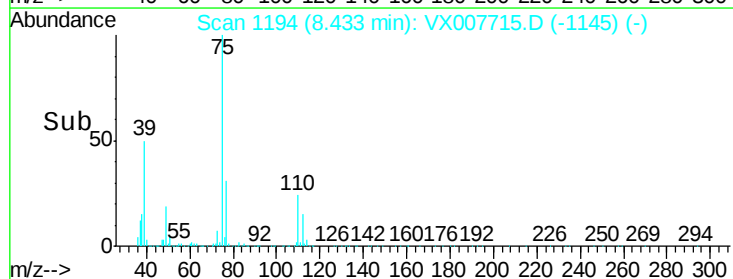
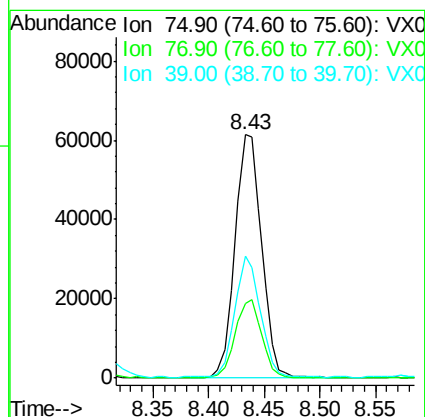
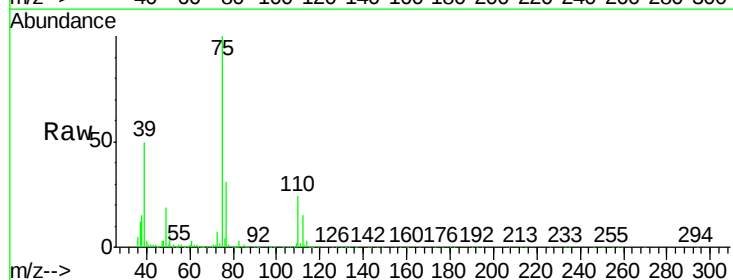
Tgt Ion: 75 Resp: 102013

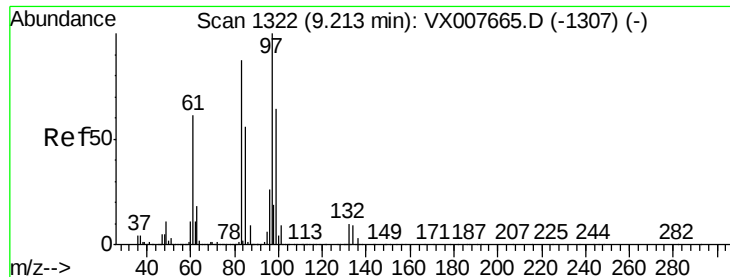
Ion Ratio Lower Upper

75 100

77 30.9 26.2 39.4

39 49.8 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 20.040 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBS01

Tot Ion: 97 Resp: 74157

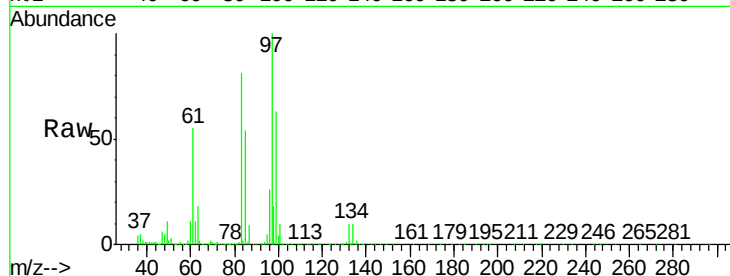
Ion Ratio Lower Upper

97 100

83 81.1 68.6 102.8

85 53.9 44.5 66.7

99 62.4 52.2 78.4

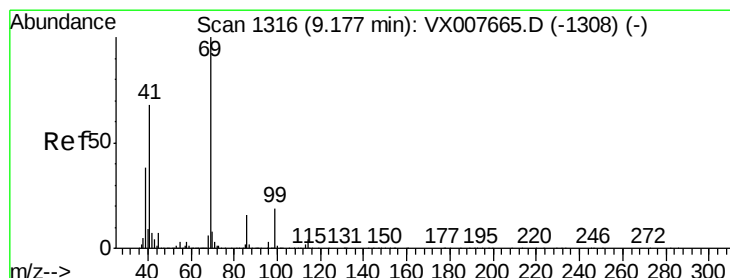
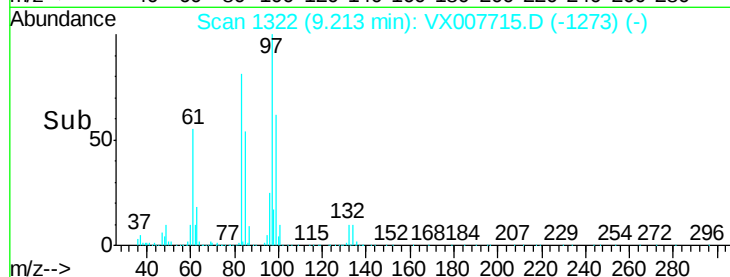
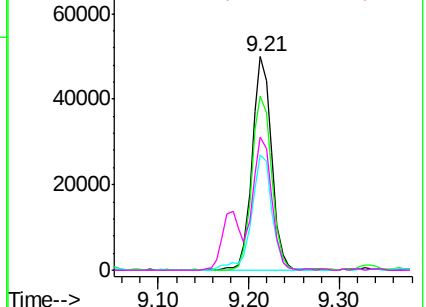


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.262 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

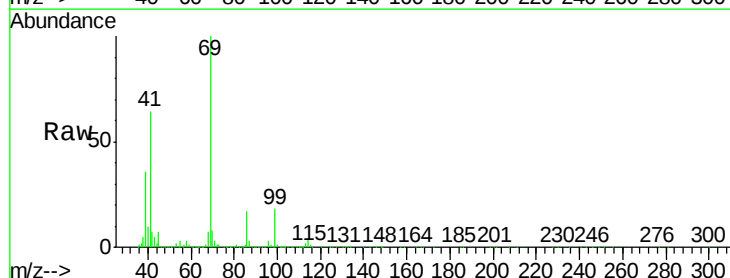
Tgt Ion: 69 Resp: 101363

Ion Ratio Lower Upper

69 100

41 64.0 52.1 78.1

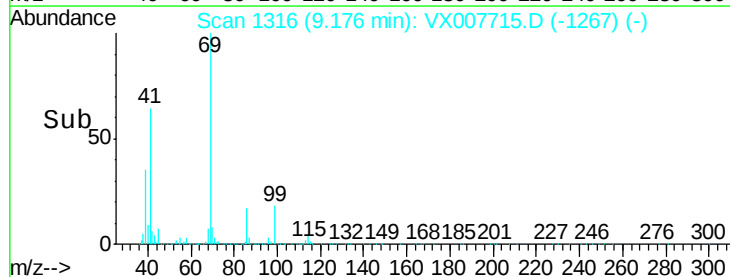
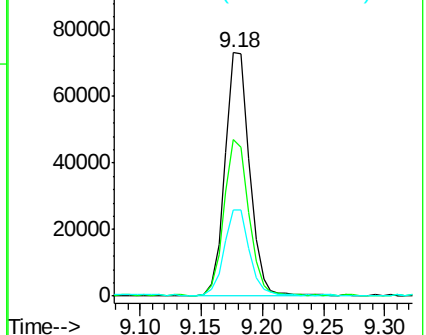
39 36.5 30.1 45.1

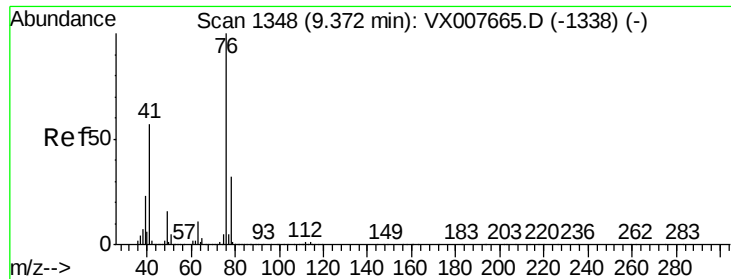


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.783 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

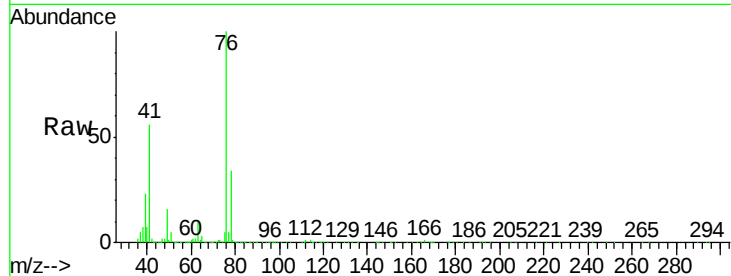
VX0226WBS01

Tot Ion: 76 Resp: 117188

Ion Ratio Lower Upper

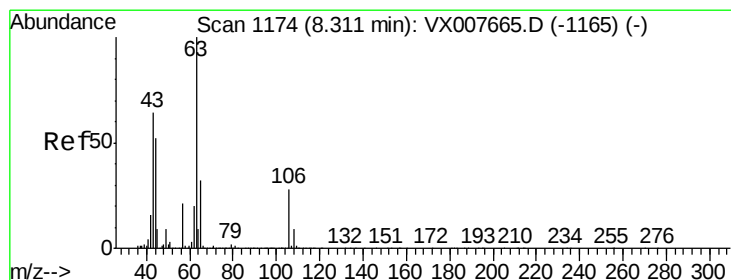
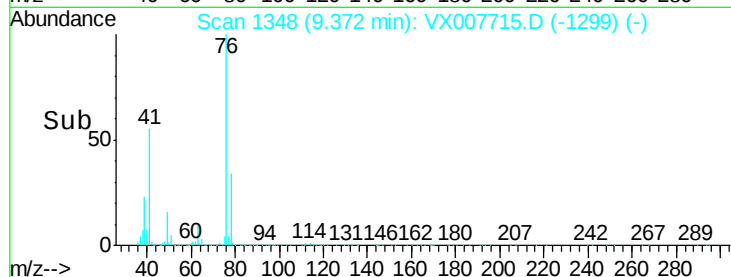
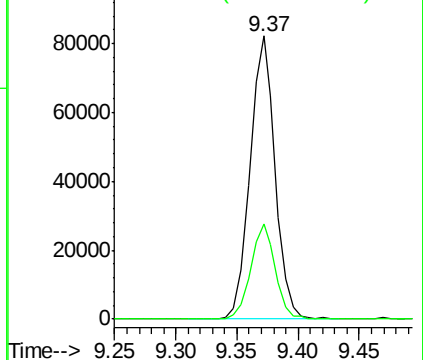
76 100

78 33.0 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 98.370 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007715.D

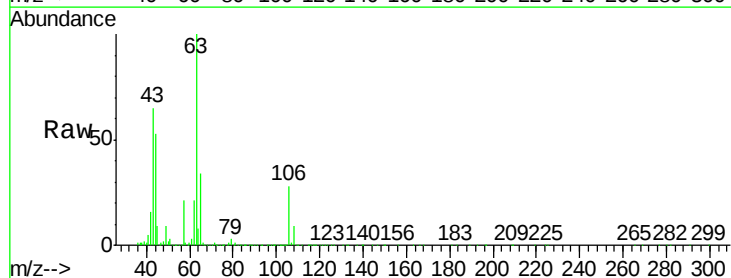
Acq: 26 Feb 2019 15:59

Tgt Ion: 63 Resp: 285456

Ion Ratio Lower Upper

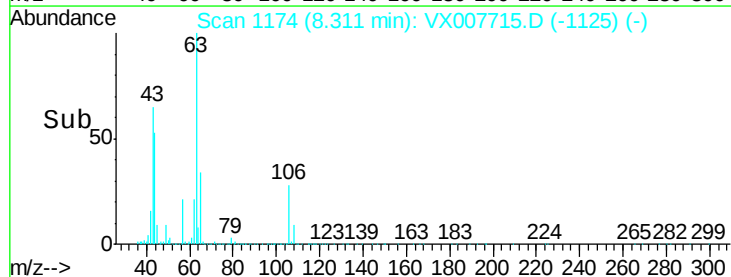
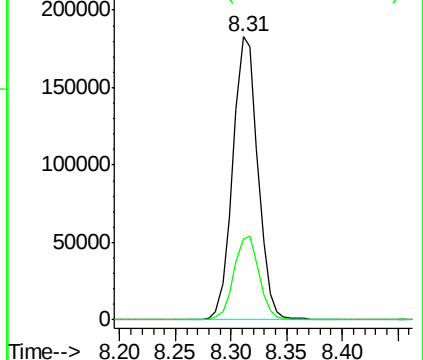
63 100

106 29.7 23.6 35.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

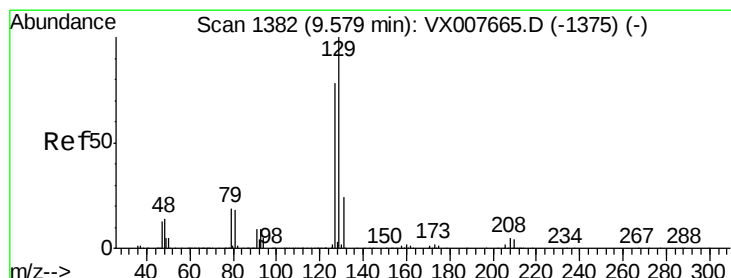
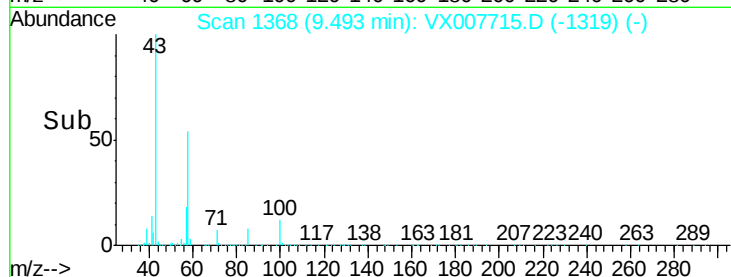
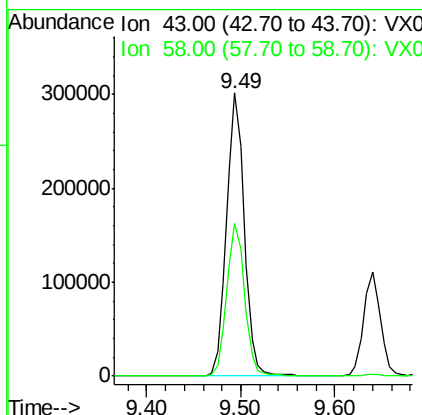
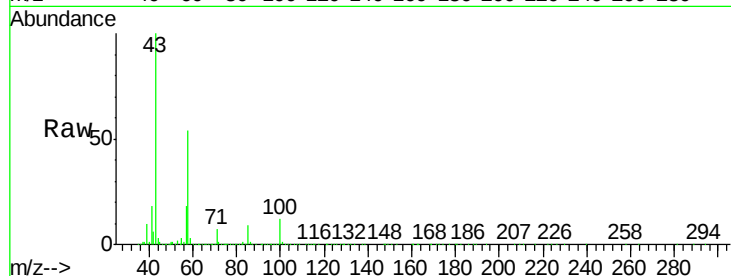




#59
2-Hexanone
Concen: 96.414 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007715.D
Acq: 26 Feb 2019 15:59

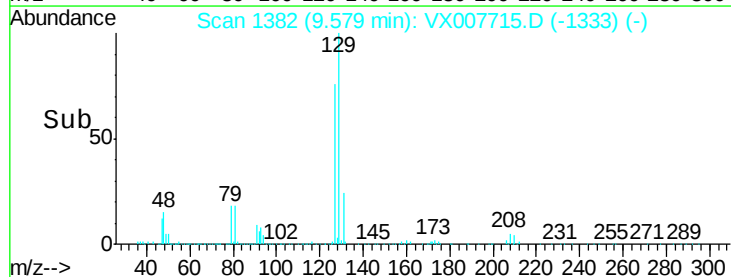
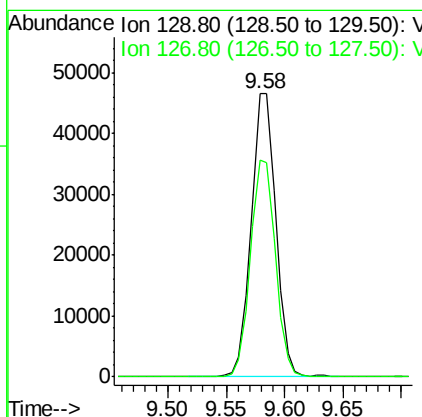
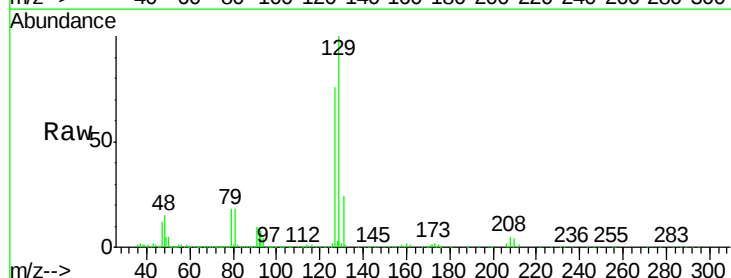
Instrument :
MSVOA_X
ClientSampleId :
VX0226WBS01

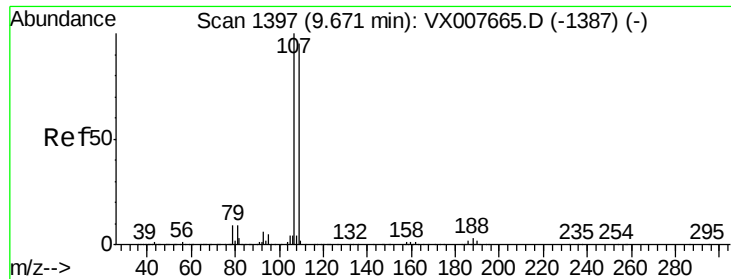
Tot Ion: 43 Resp: 394888
Ion Ratio Lower Upper
43 100
58 54.2 27.1 81.3



#60
Dibromochloromethane
Concen: 19.476 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX007715.D
Acq: 26 Feb 2019 15:59

Tgt Ion: 129 Resp: 69347
Ion Ratio Lower Upper
129 100
127 77.7 37.8 113.4





#61

1,2-Dibromoethane

Concen: 19.956 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

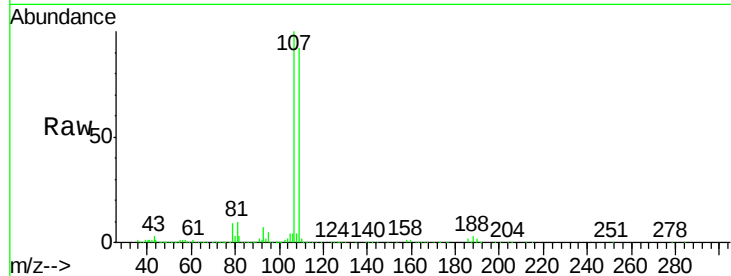
VX0226WBS01

Tot Ion:107 Resp: 76671

Ion Ratio Lower Upper

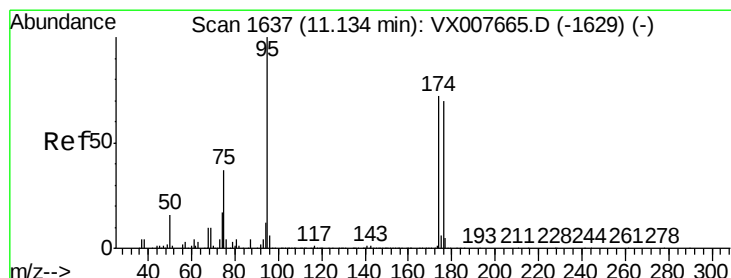
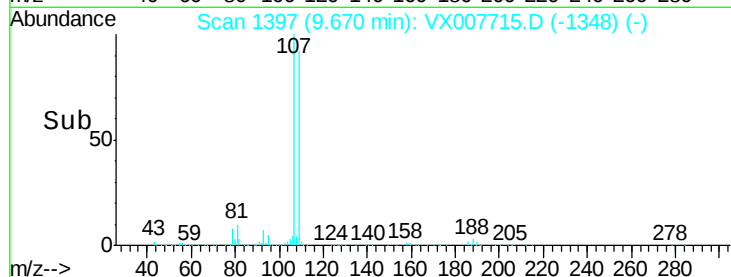
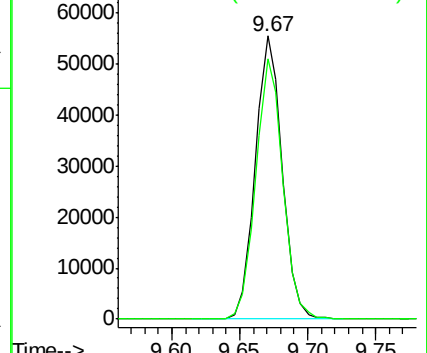
107 100

109 93.8 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.414 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

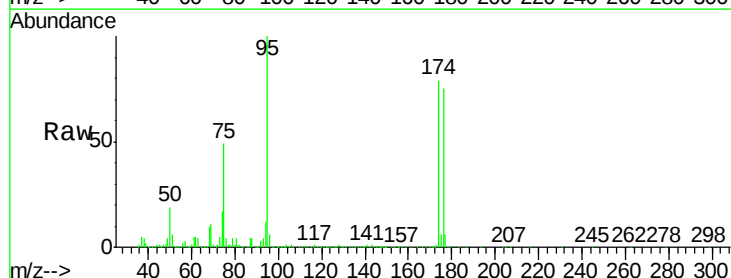
Tgt Ion: 95 Resp: 216299

Ion Ratio Lower Upper

95 100

174 84.8 0.0 189.2

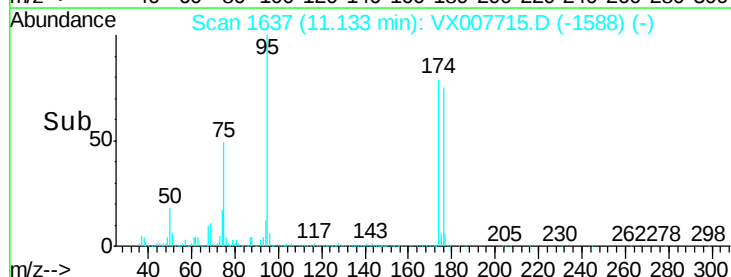
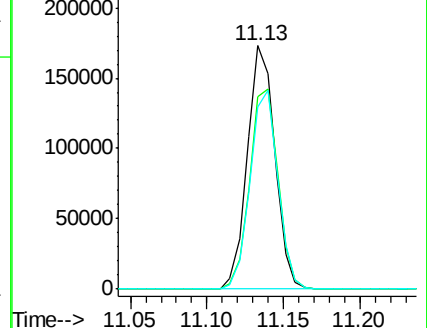
176 82.7 0.0 186.2

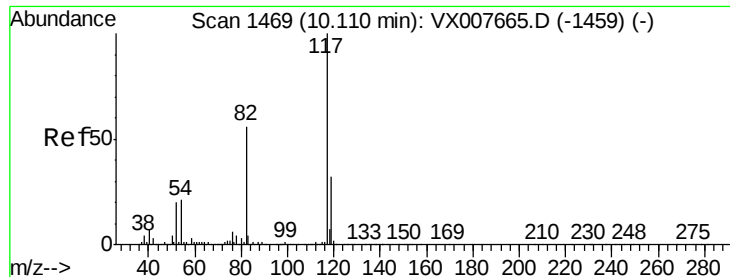


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

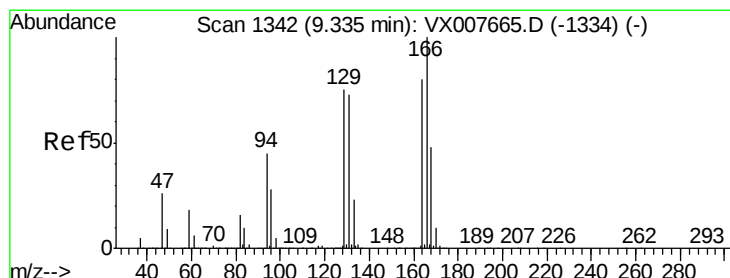
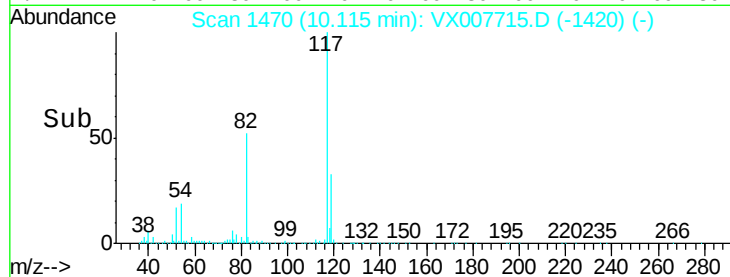
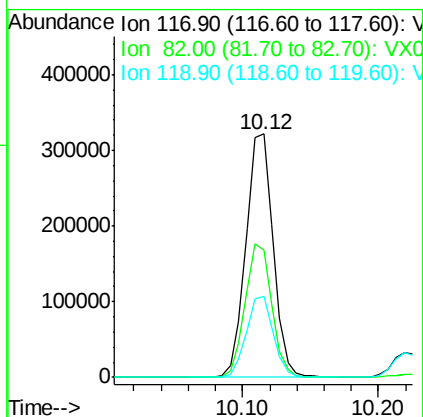
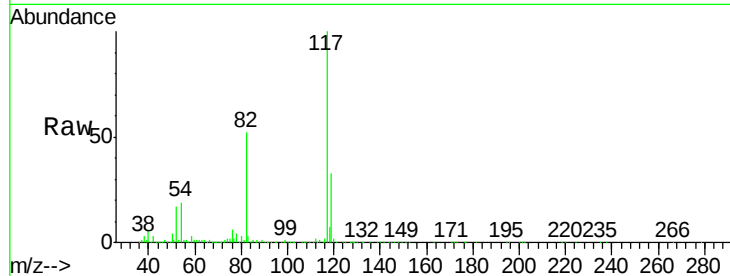




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007715.D
Acq: 26 Feb 2019 15:59

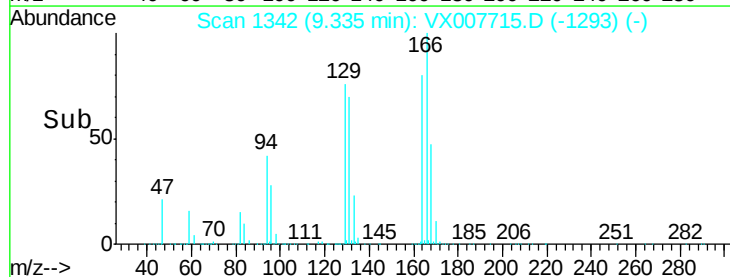
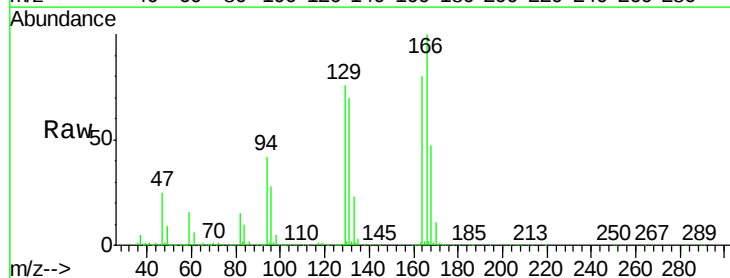
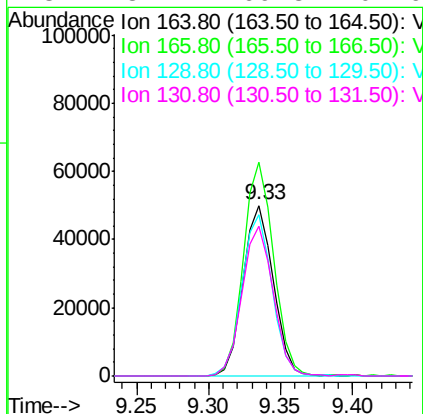
Instrument :
MSVOA_X
ClientSampleId :
VX0226WBS01

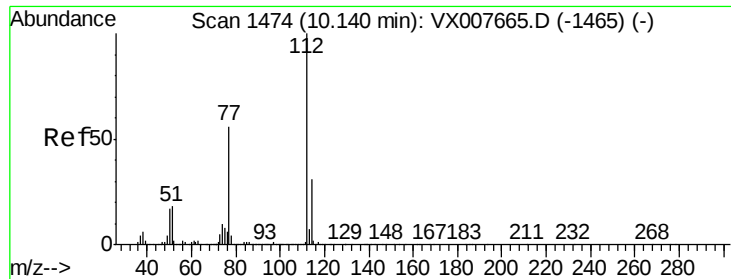
Tot Ion:117 Resp: 452423
Ion Ratio Lower Upper
117 100
82 52.1 42.1 63.1
119 33.1 26.5 39.7



#64
Tetrachloroethene
Concen: 19.812 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007715.D
Acq: 26 Feb 2019 15:59

Tgt Ion:164 Resp: 72765
Ion Ratio Lower Upper
164 100
166 125.1 101.0 151.4
129 94.7 70.5 105.7
131 87.4 69.8 104.6

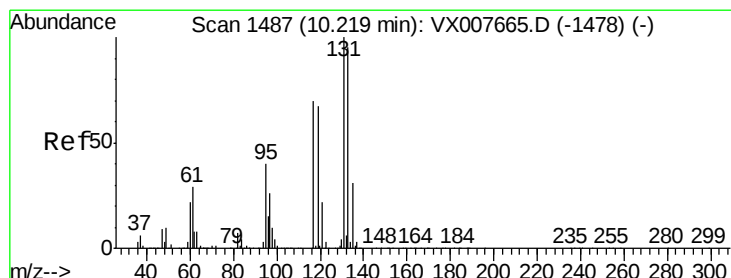
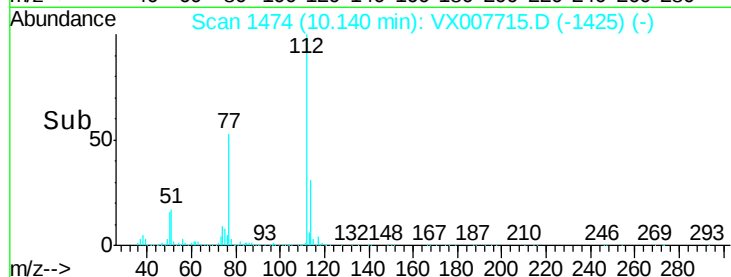
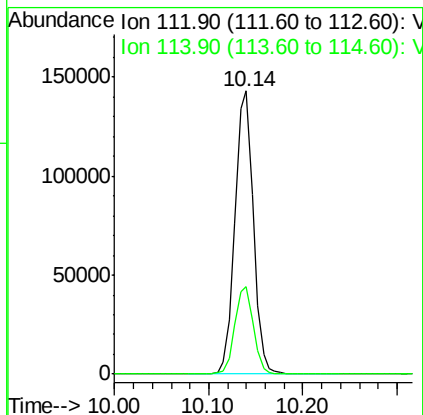
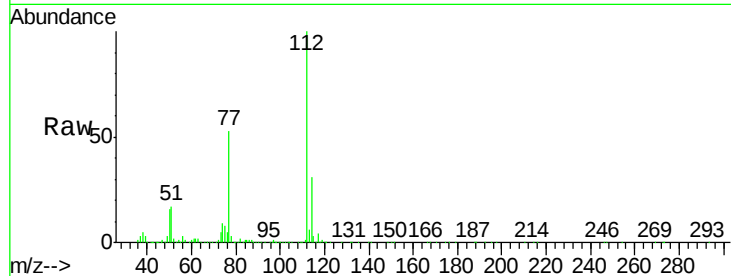




#65
Chlorobenzene
Concen: 19.786 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007715.D
Acq: 26 Feb 2019 15:59

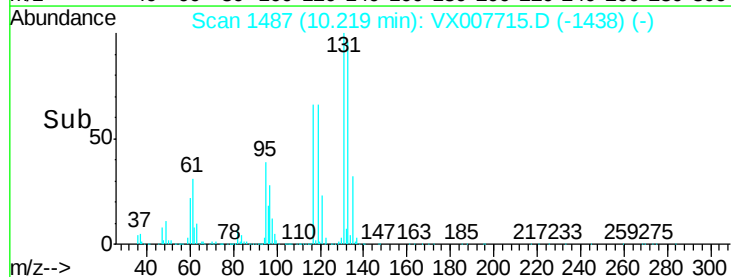
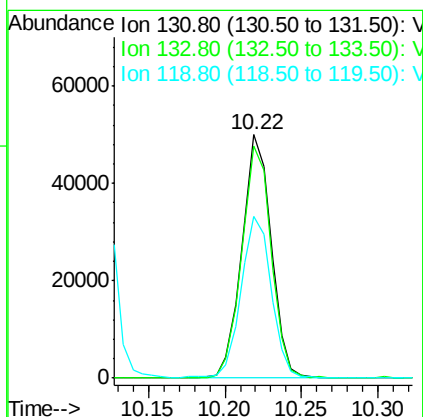
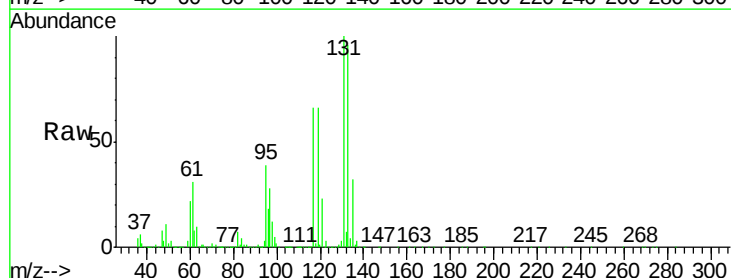
Instrument :
MSVOA_X
ClientSampleId :
VX0226WBS01

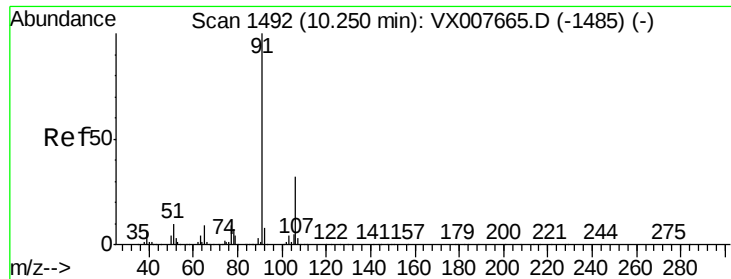
Tot Ion:112 Resp: 193607
Ion Ratio Lower Upper
112 100
114 31.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.541 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007715.D
Acq: 26 Feb 2019 15:59

Tgt Ion:131 Resp: 66697
Ion Ratio Lower Upper
131 100
133 96.1 48.0 144.2
119 68.6 32.0 96.0





#67

Ethyl Benzene

Concen: 19.454 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampled :

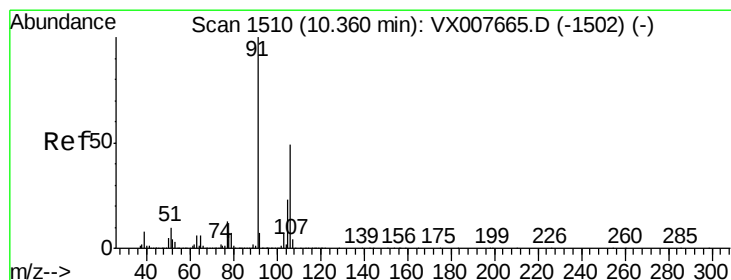
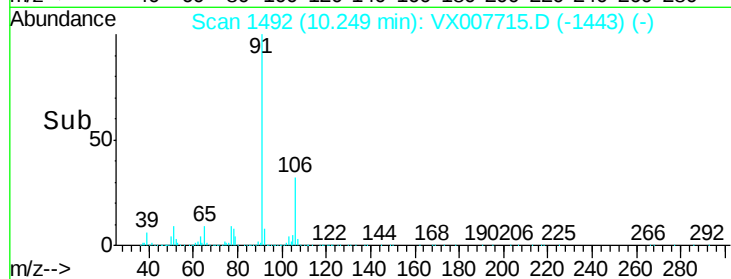
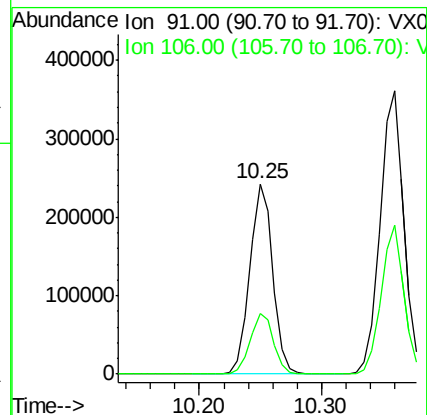
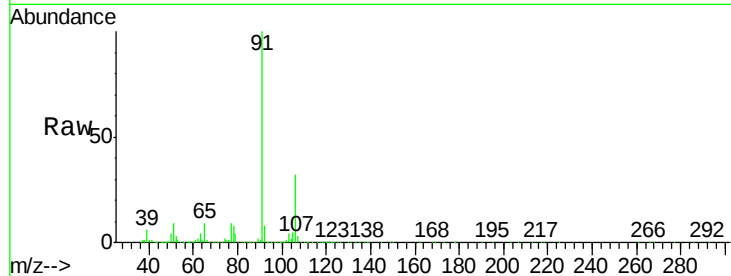
VX0226WBS01

Tot Ion: 91 Resp: 315345

Ion Ratio Lower Upper

91 100

106 31.6 25.4 38.0



#68

m/p-Xylenes

Concen: 39.170 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007715.D

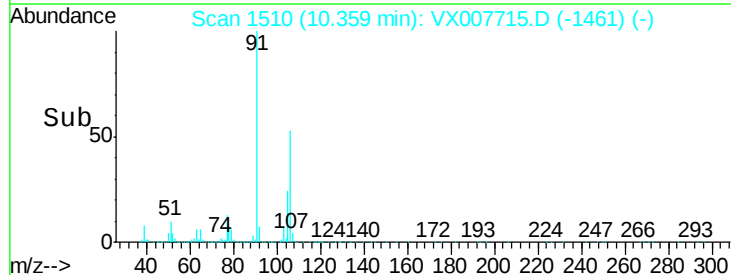
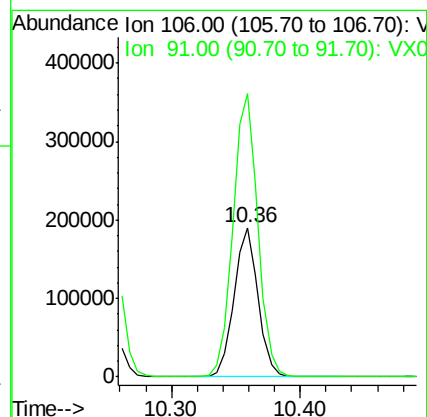
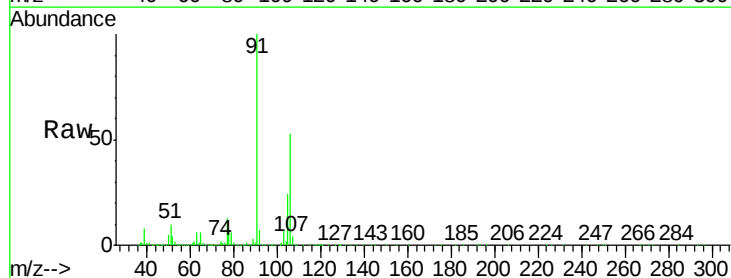
Acq: 26 Feb 2019 15:59

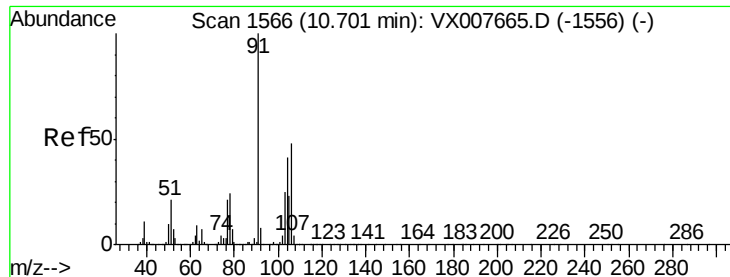
Tgt Ion: 106 Resp: 247007

Ion Ratio Lower Upper

106 100

91 196.4 156.6 234.8

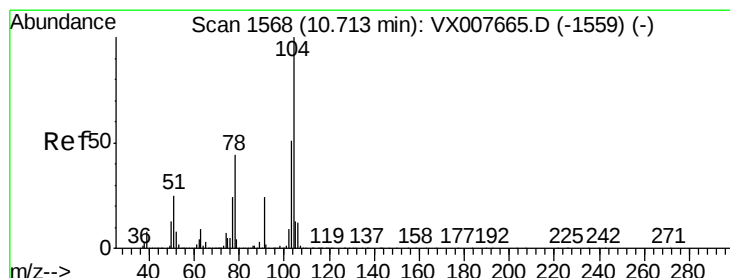
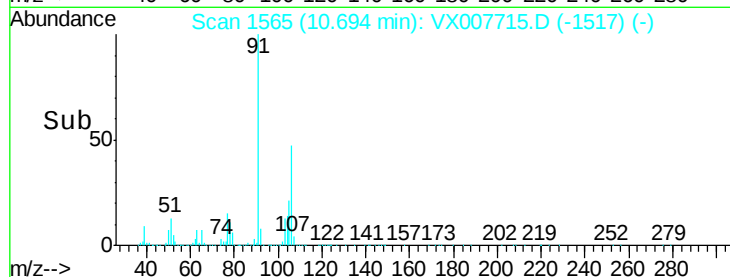
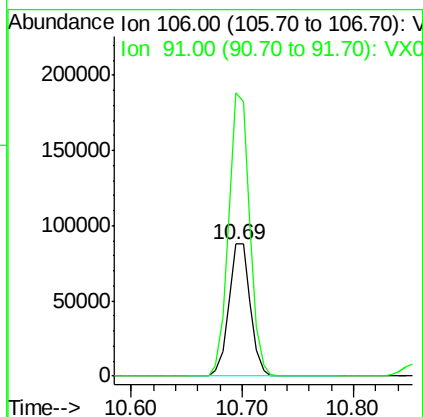
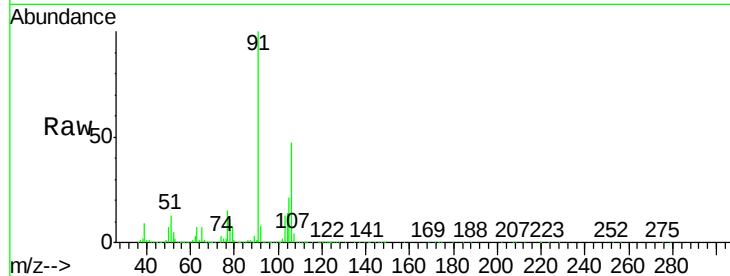




#69
o-Xylene
Concen: 19.248 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007715.D
Acq: 26 Feb 2019 15:59

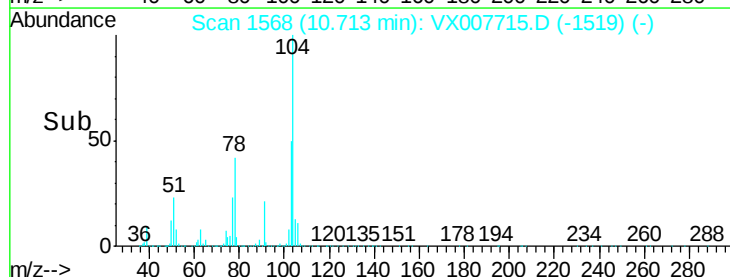
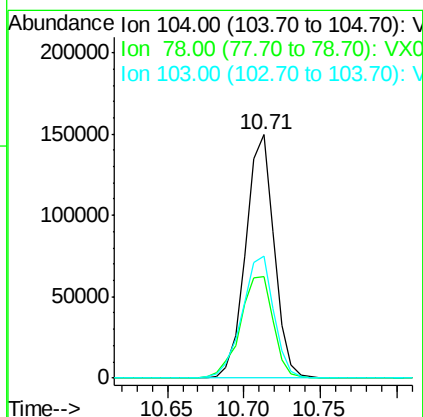
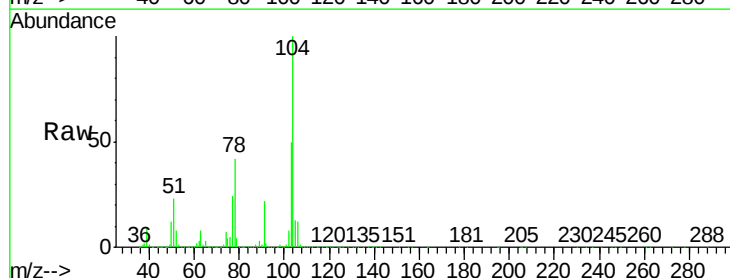
Instrument :
MSVOA_X
ClientSampled :
VX0226WBS01

Tot Ion:106 Resp: 116752
Ion Ratio Lower Upper
106 100
91 210.4 102.9 308.7



#70
Styrene
Concen: 19.391 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007715.D
Acq: 26 Feb 2019 15:59

Tgt Ion:104 Resp: 193329
Ion Ratio Lower Upper
104 100
78 48.5 38.3 57.5
103 56.0 44.6 67.0





#71

Bromoform

Concen: 18.506 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBS01

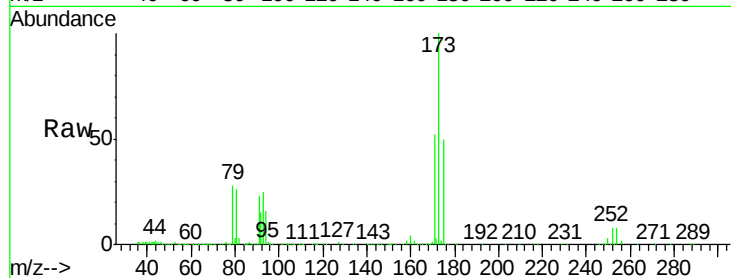
Tot Ion:173 Resp: 47367

Ion Ratio Lower Upper

173 100

175 50.0 24.2 72.6

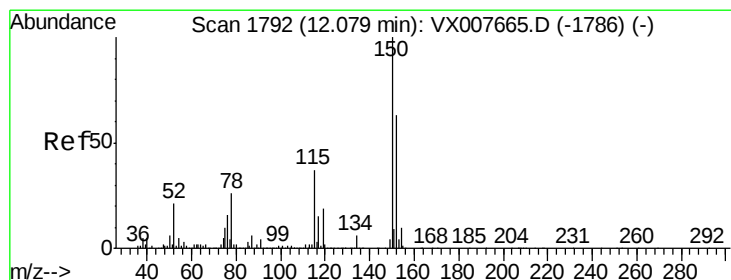
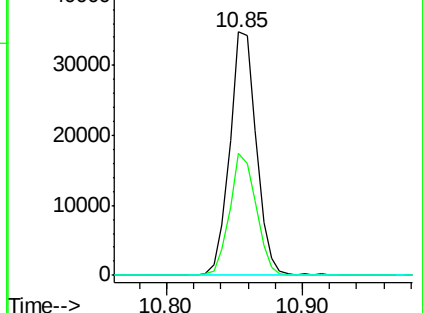
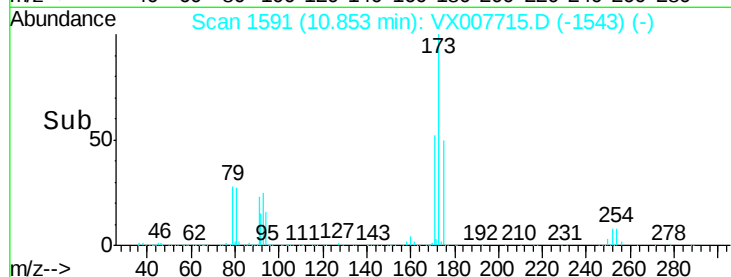
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

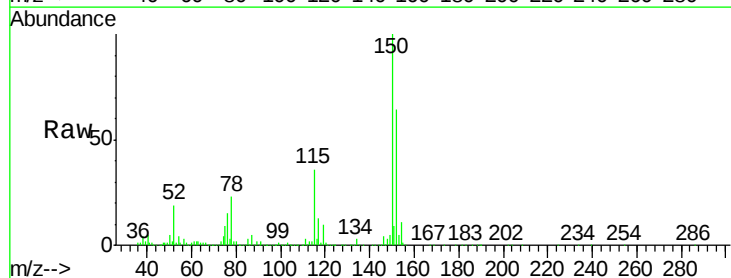
Tgt Ion:152 Resp: 219107

Ion Ratio Lower Upper

152 100

115 67.1 38.0 114.0

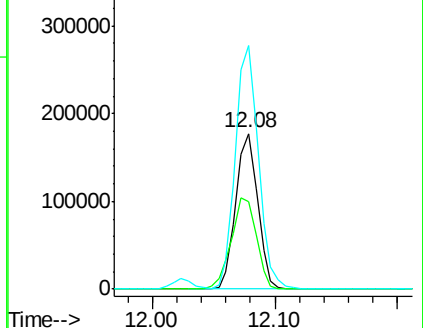
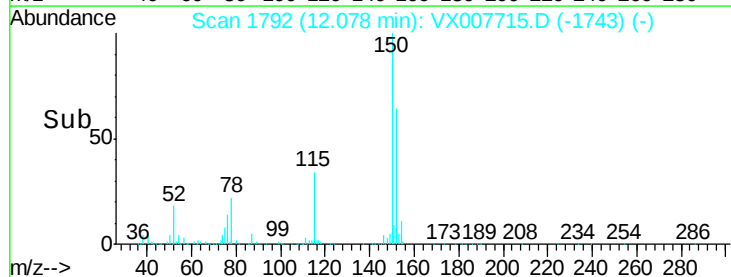
150 164.1 0.0 346.4

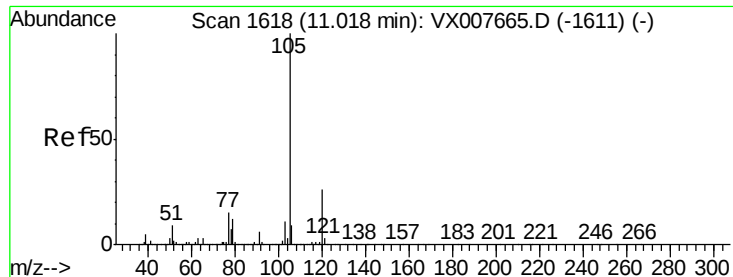


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.253 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

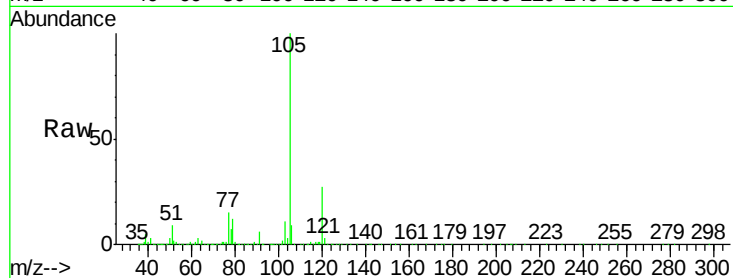
VX0226WBS01

Tot Ion:105 Resp: 317155

Ion Ratio Lower Upper

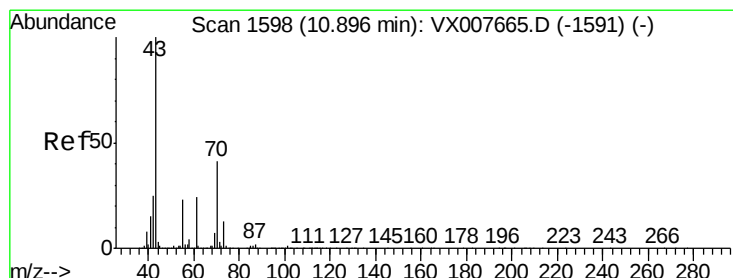
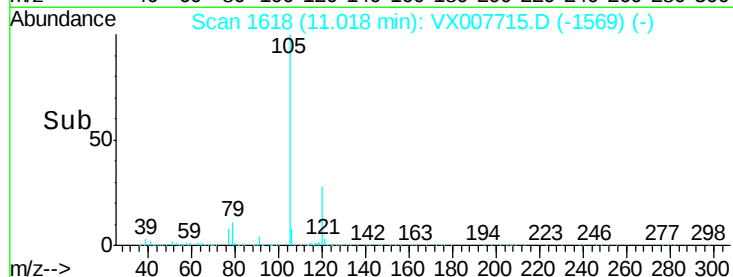
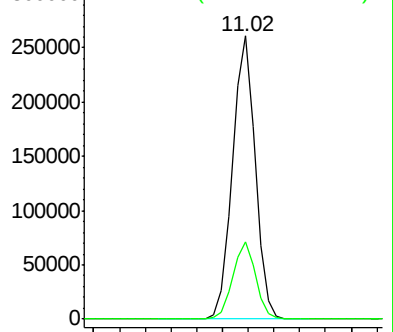
105 100

120 27.4 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.494 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Tgt Ion: 43 Resp: 132566

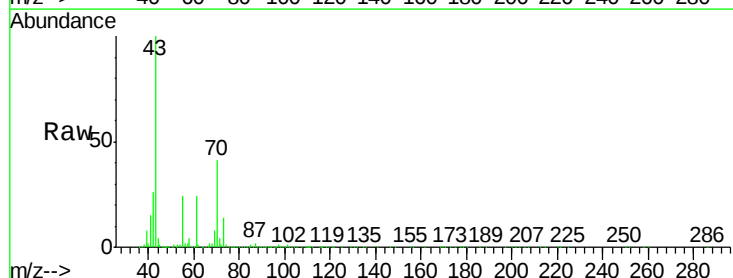
Ion Ratio Lower Upper

43 100

70 41.8 33.8 50.6

55 26.1 19.5 29.3

61 24.2 19.4 29.2

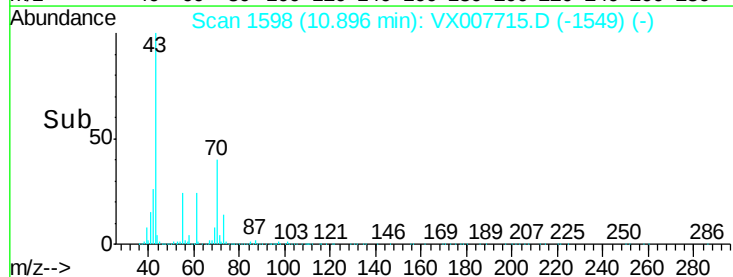
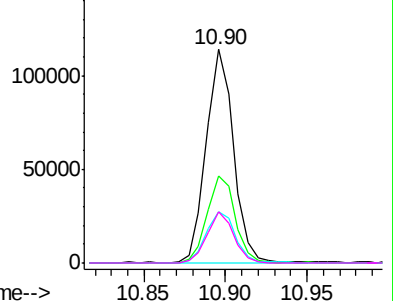


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.355 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampled :

VX0226WBS01

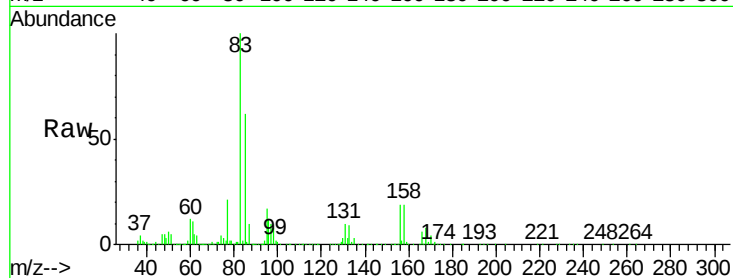
Tot Ion: 83 Resp: 110249

Ion Ratio Lower Upper

83 100

131 10.0 5.7 17.0

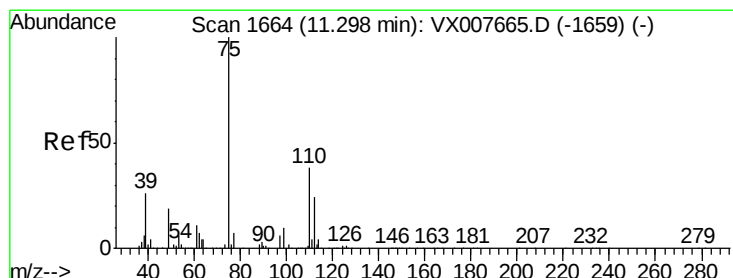
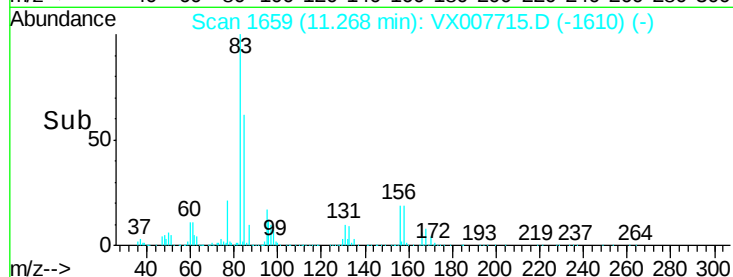
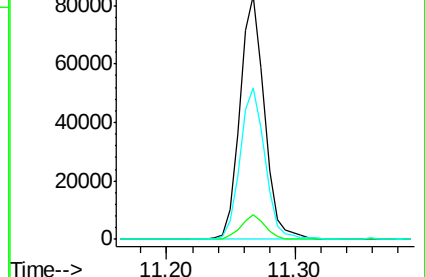
85 63.5 32.8 98.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.948 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007715.D

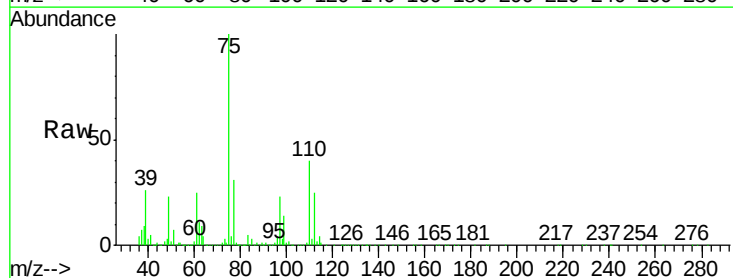
Acq: 26 Feb 2019 15:59

Tgt Ion: 75 Resp: 116517

Ion Ratio Lower Upper

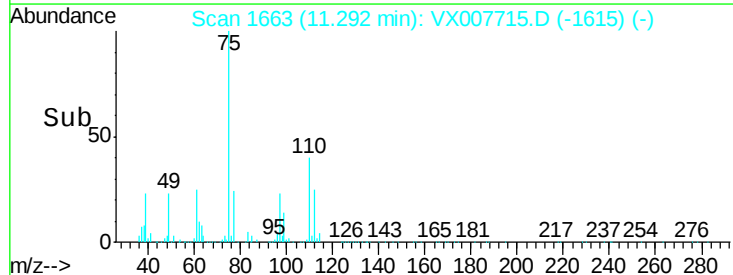
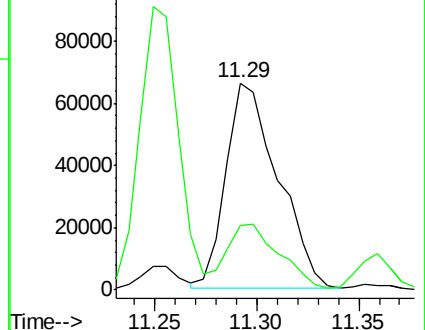
75 100

77 32.7 23.0 69.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.606 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBS01

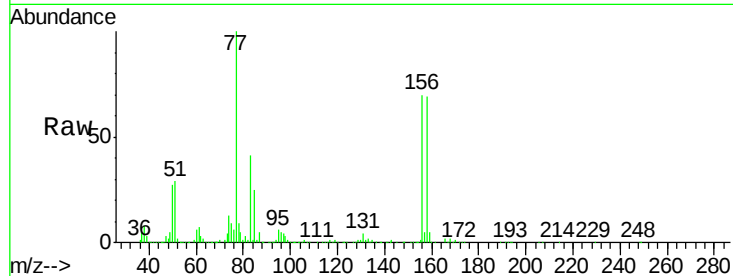
Tot Ion:156 Resp: 80935

Ion Ratio Lower Upper

156 100

77 148.4 66.8 200.6

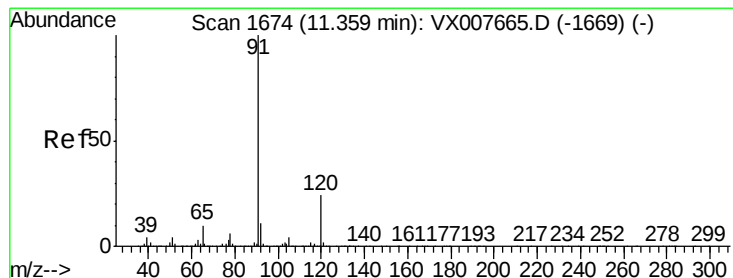
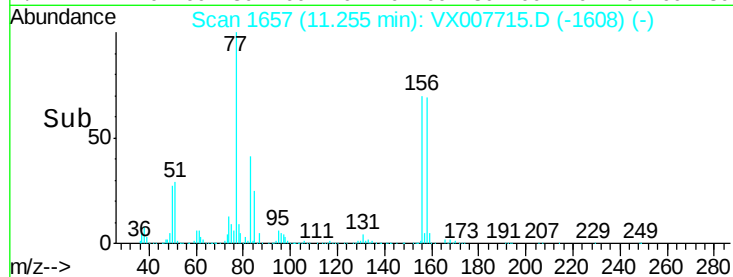
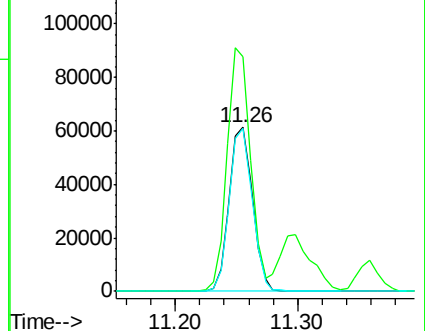
158 97.9 47.9 143.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.941 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007715.D

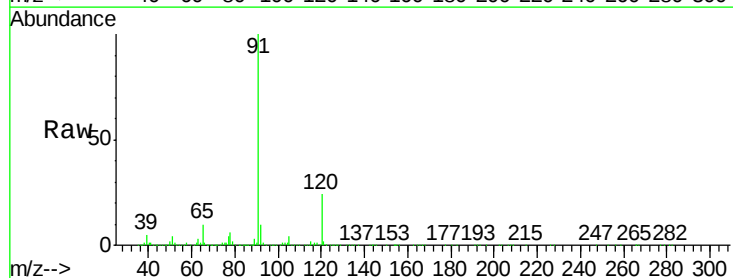
Acq: 26 Feb 2019 15:59

Tgt Ion: 91 Resp: 352870

Ion Ratio Lower Upper

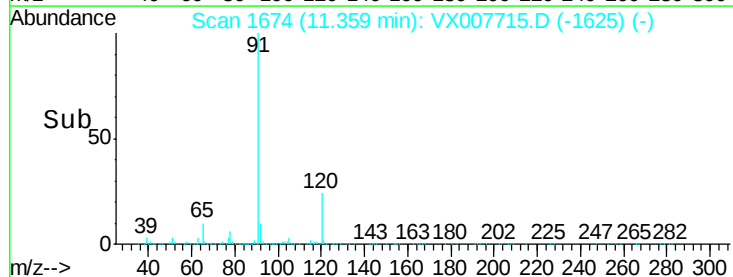
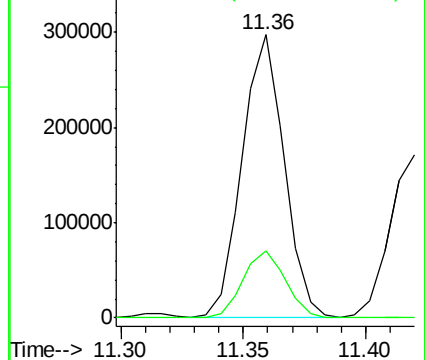
91 100

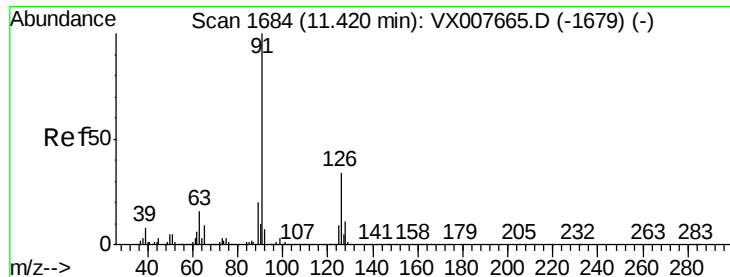
120 24.0 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.889 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

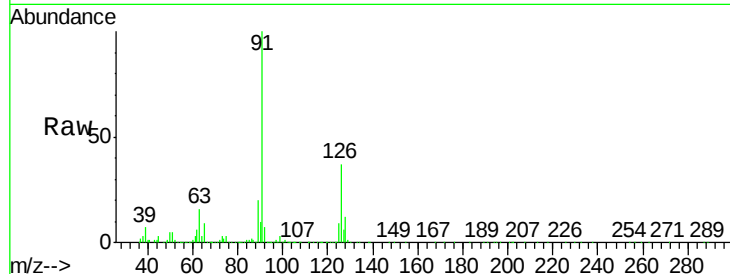
VX0226WBS01

Tot Ion: 91 Resp: 211914

Ion Ratio Lower Upper

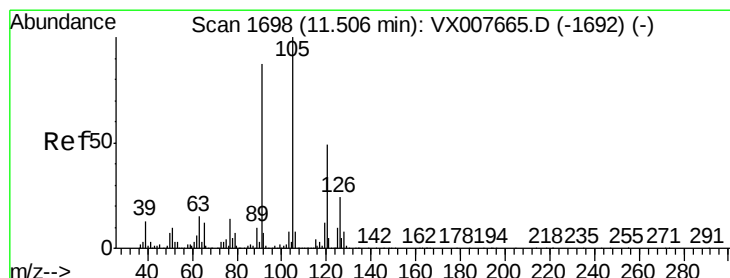
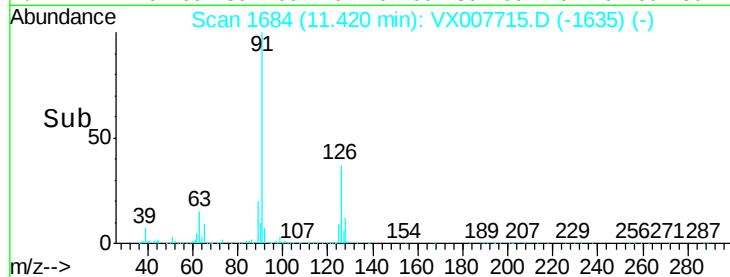
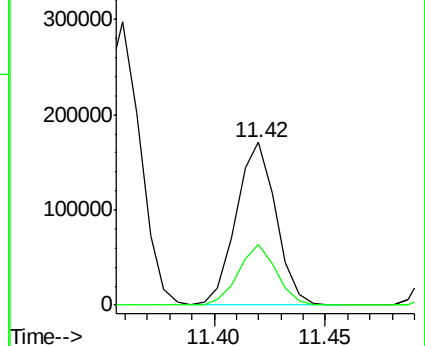
91 100

126 35.9 18.7 56.1



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: 19.837 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007715.D

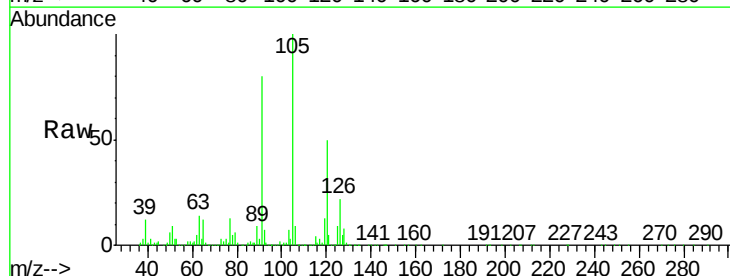
Acq: 26 Feb 2019 15:59

Tgt Ion:105 Resp: 255519

Ion Ratio Lower Upper

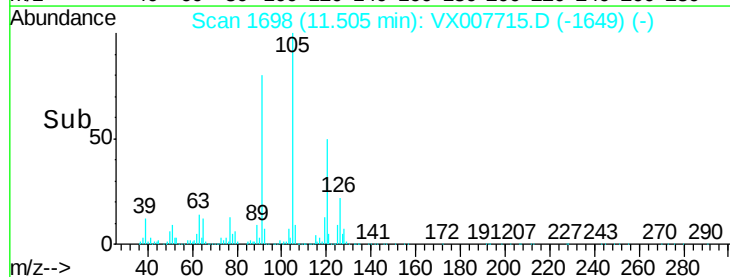
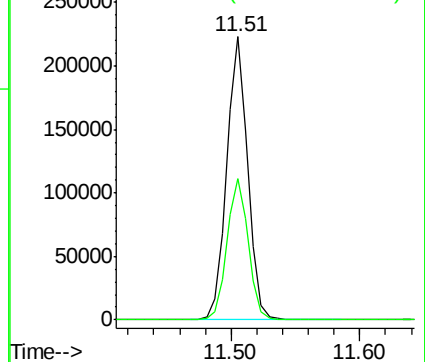
105 100

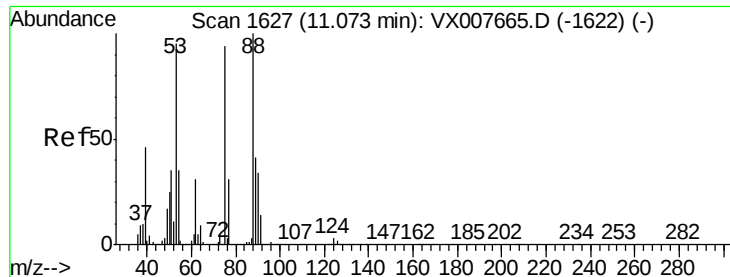
120 50.4 25.3 75.8



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: 17.287 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampled :

VX0226WBS01

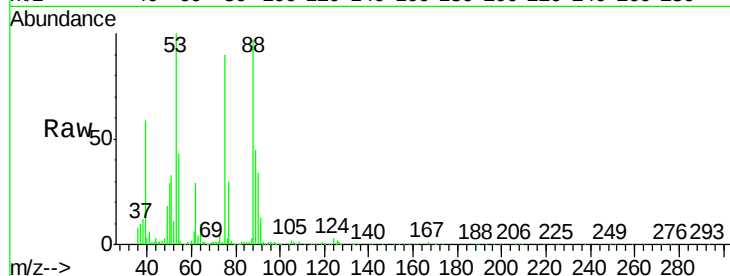
Tot Ion: 75 Resp: 26478

Ion Ratio Lower Upper

75 100

53 110.0 81.0 121.6

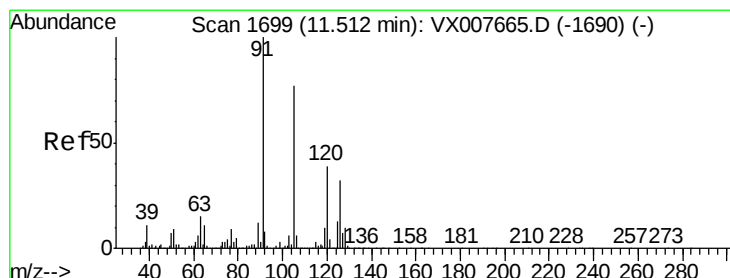
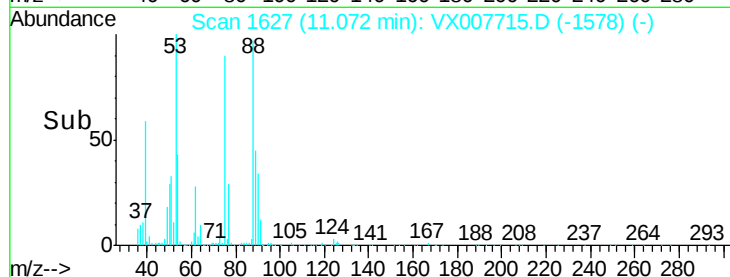
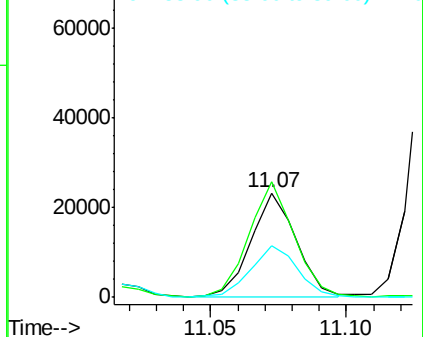
89 52.7 41.4 62.0



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: 19.277 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX007715.D

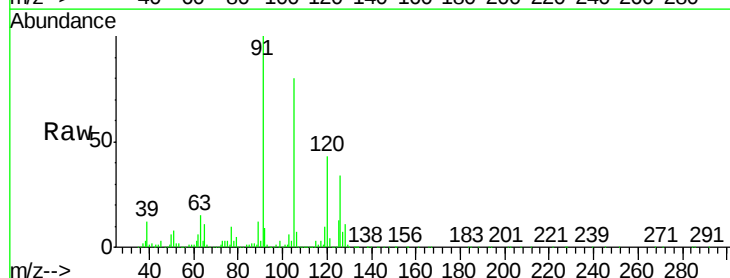
Acq: 26 Feb 2019 15:59

Tgt Ion: 91 Resp: 240280

Ion Ratio Lower Upper

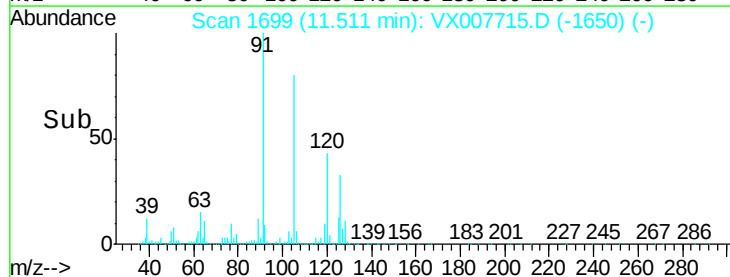
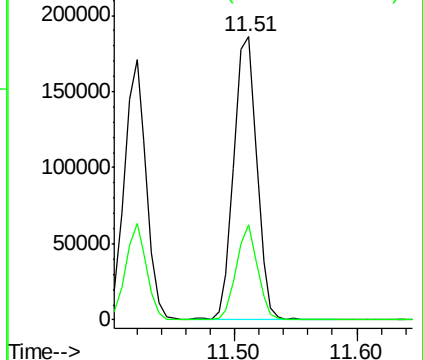
91 100

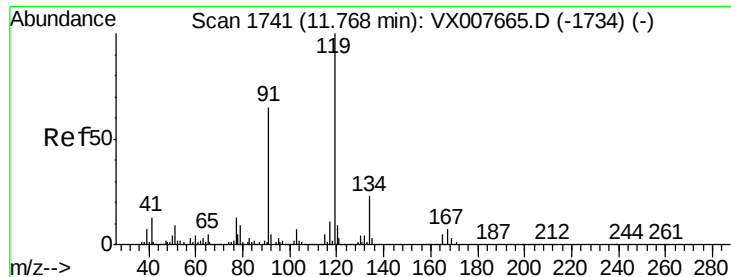
126 31.1 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

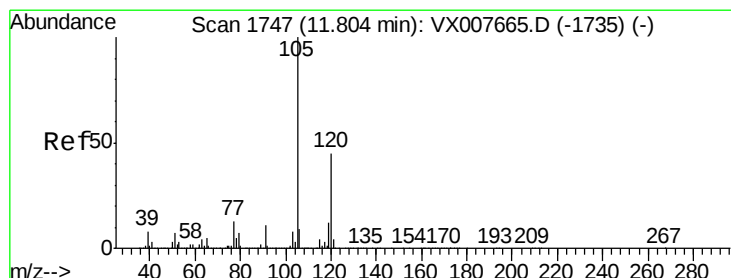
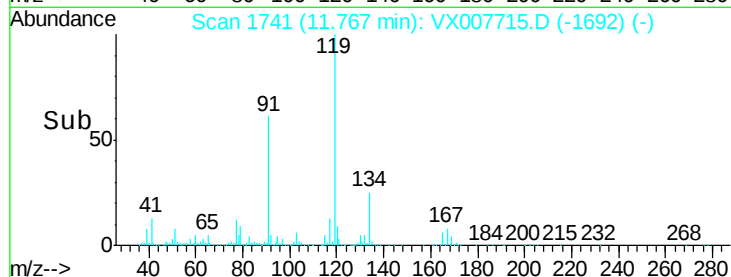
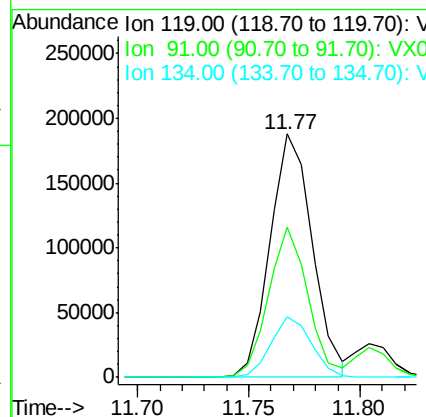
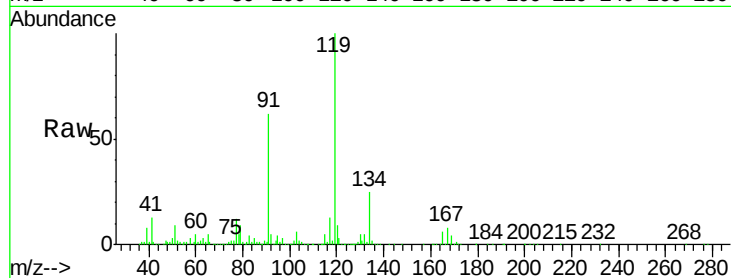




#83
tert-Butylbenzene
Concen: 20.042 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX007715.D
Acq: 26 Feb 2019 15:59

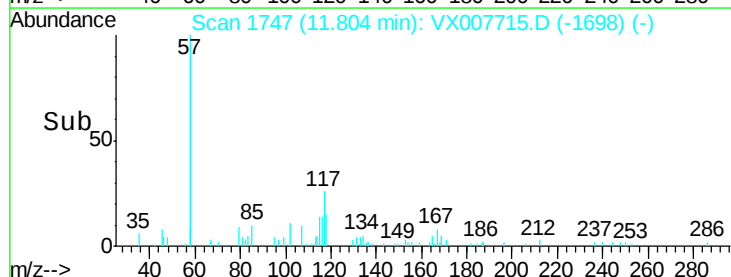
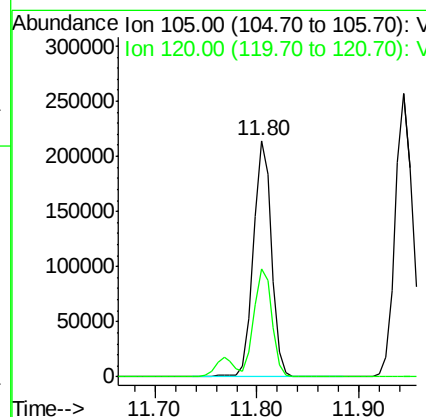
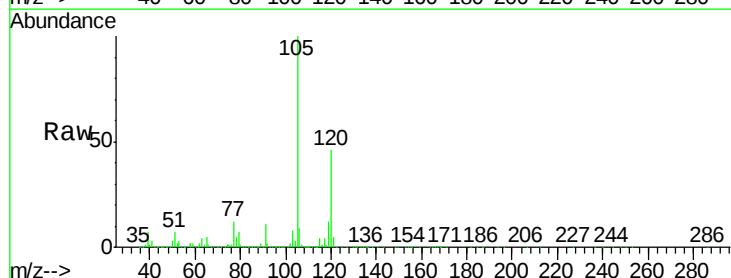
Instrument :
MSVOA_X
ClientSampleId :
VX0226WBS01

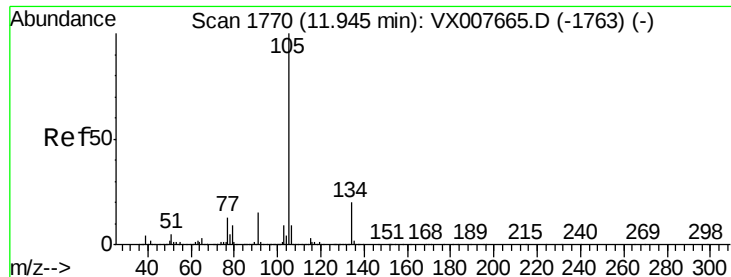
Tot Ion:119 Resp: 247879
Ion Ratio Lower Upper
119 100
91 57.4 28.5 85.6
134 24.1 12.0 36.0



#84
1,2,4-Trimethylbenzene
Concen: 20.121 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX007715.D
Acq: 26 Feb 2019 15:59

Tgt Ion:105 Resp: 265116
Ion Ratio Lower Upper
105 100
120 45.7 23.1 69.3





#85

sec-Butylbenzene

Concen: 19.865 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

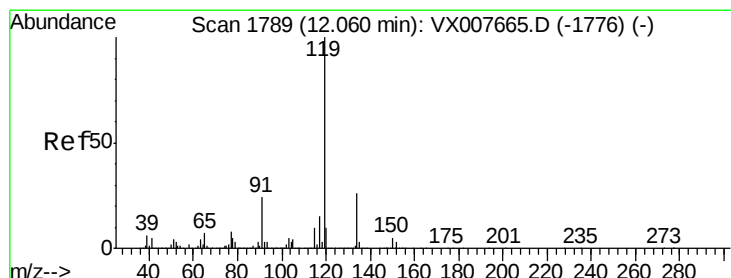
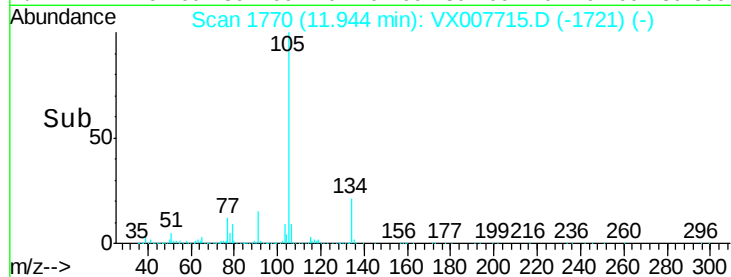
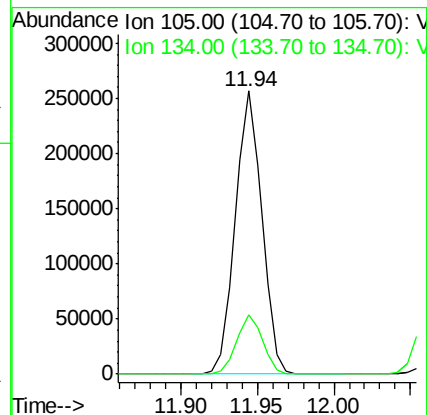
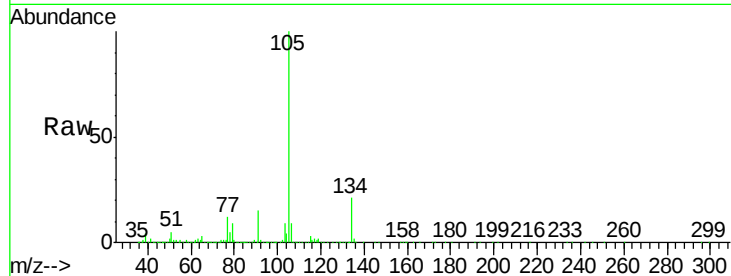
VX0226WBS01

Tot Ion:105 Resp: 307870

Ion Ratio Lower Upper

105 100

134 20.6 10.6 31.8



#86

p-Isopropyltoluene

Concen: 19.795 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

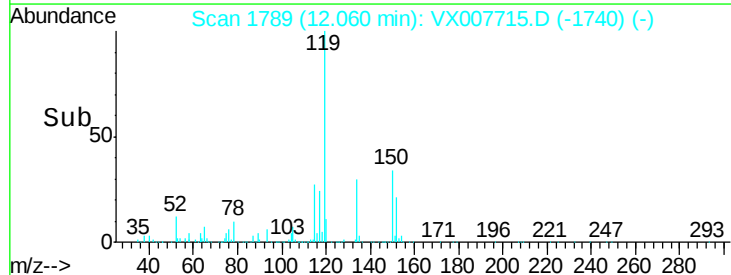
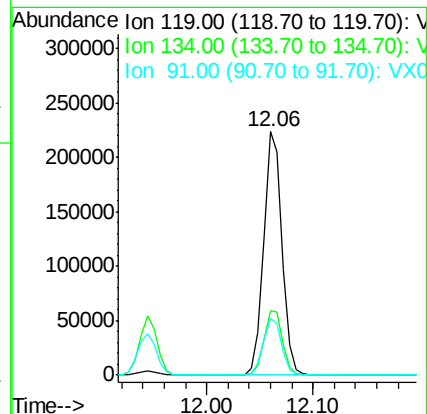
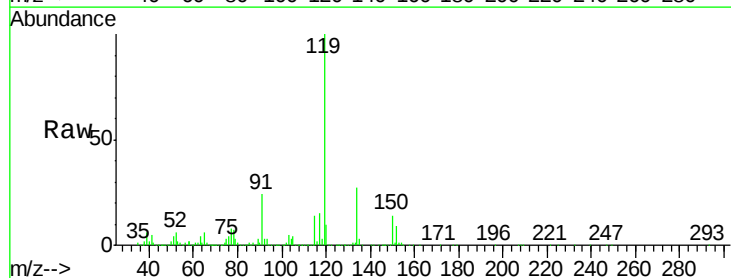
Tgt Ion:119 Resp: 268672

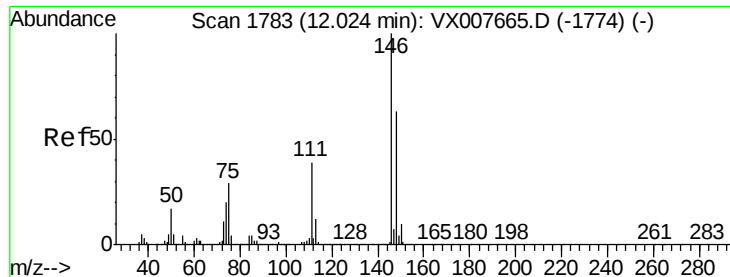
Ion Ratio Lower Upper

119 100

134 27.1 13.7 41.1

91 23.5 11.2 33.5

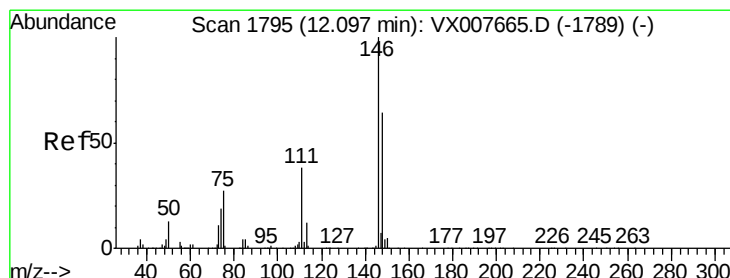
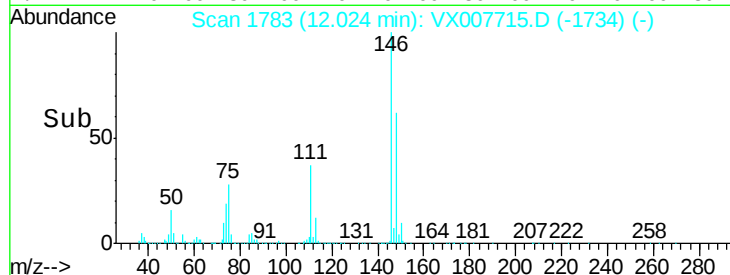
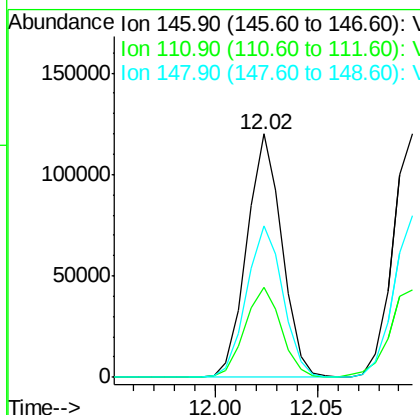
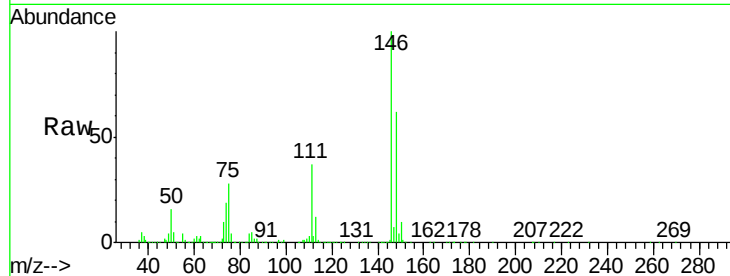




#87
 1,3-Dichlorobenzene
 Concen: 19.770 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007715.D
 Acq: 26 Feb 2019 15:59

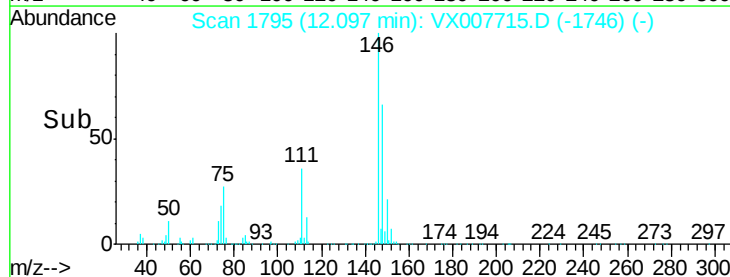
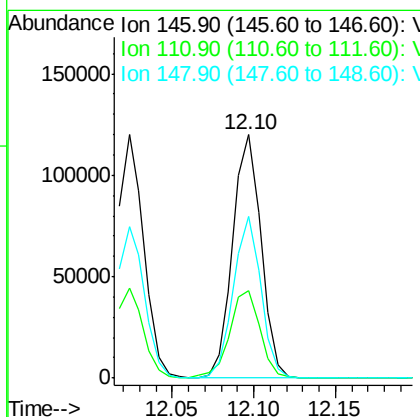
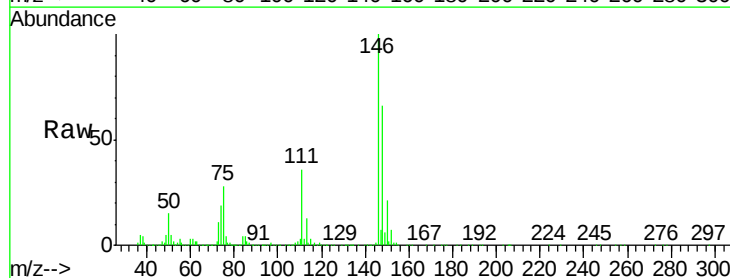
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0226WBS01

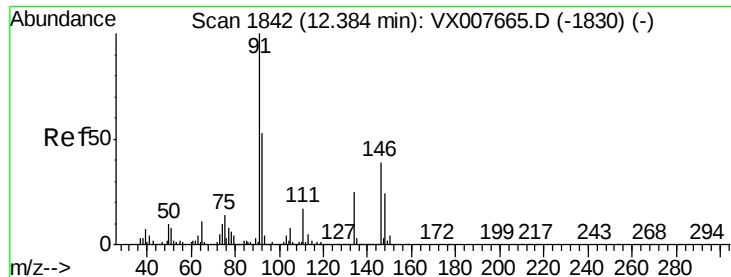
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.1	54.1
148	64.6	32.0	96.2



#88
 1,4-Dichlorobenzene
 Concen: 19.523 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007715.D
 Acq: 26 Feb 2019 15:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.1	54.1
148	64.1	32.3	96.9

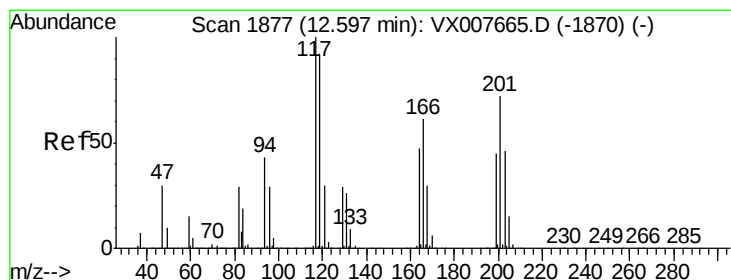
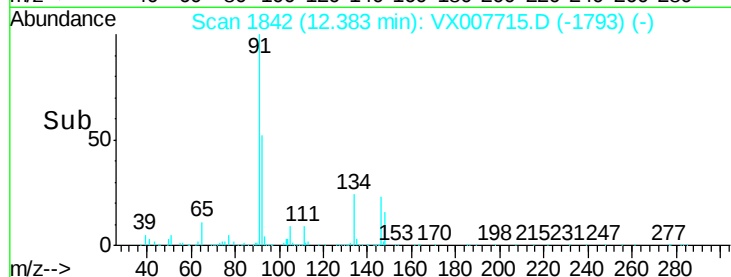
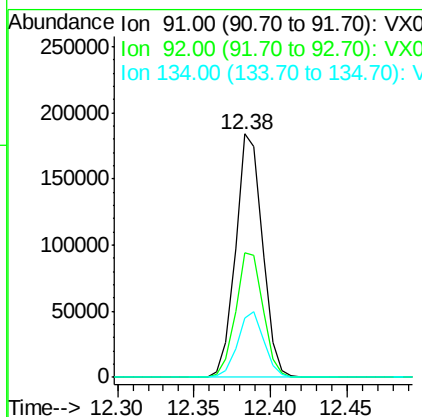
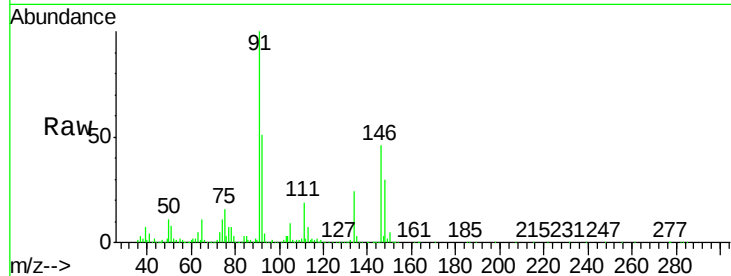




#89
n-Butylbenzene
Concen: 18.446 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX007715.D
Acq: 26 Feb 2019 15:59

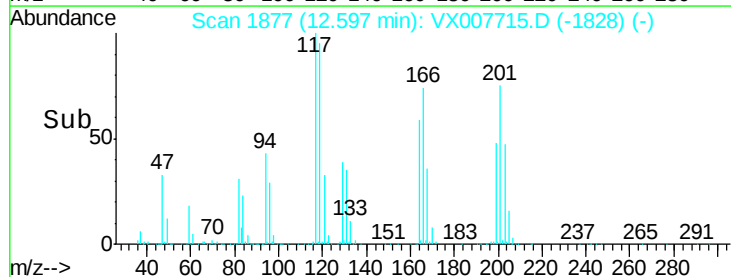
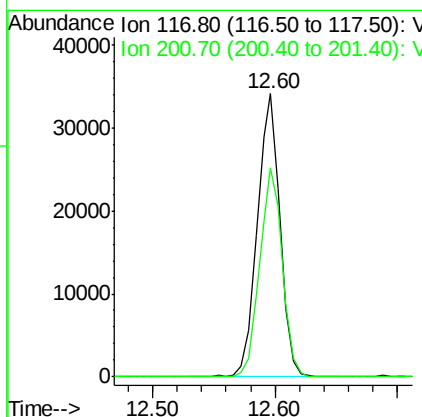
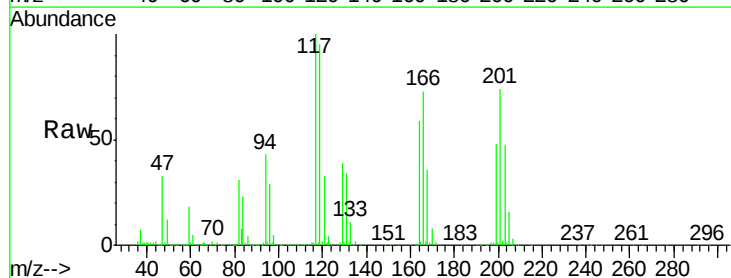
Instrument :
MSVOA_X
ClientSampleId :
VX0226WBS01

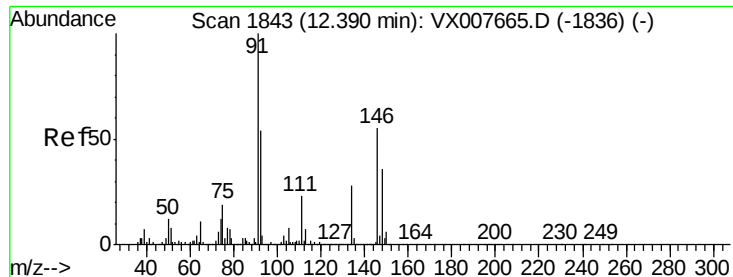
Tot Ion: 91 Resp: 223281
Ion Ratio Lower Upper
91 100
92 52.5 26.3 78.9
134 26.4 13.9 41.6



#90
Hexachloroethane
Concen: 19.404 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007715.D
Acq: 26 Feb 2019 15:59

Tgt Ion: 117 Resp: 44374
Ion Ratio Lower Upper
117 100
201 72.9 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 19.917 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBS01

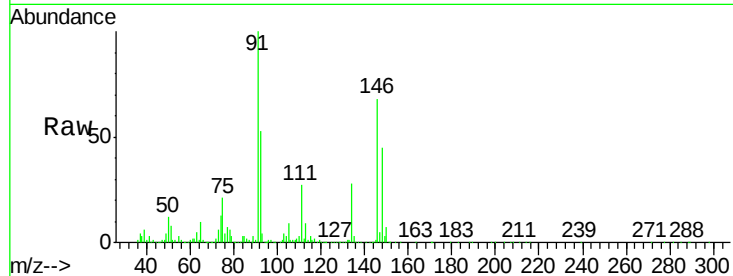
Tot Ion:146 Resp: 145189

Ion Ratio Lower Upper

146 100

111 39.5 19.1 57.3

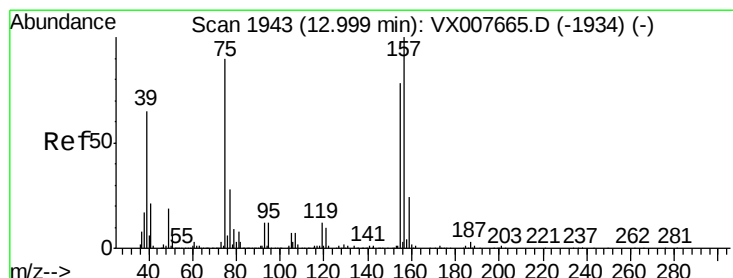
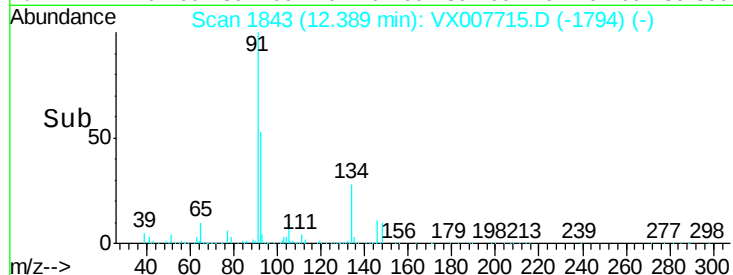
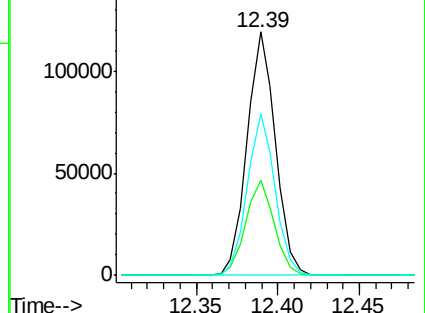
148 64.7 32.1 96.3



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.412 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

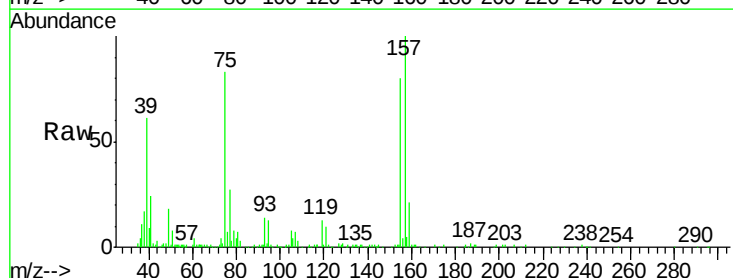
Tgt Ion: 75 Resp: 21729

Ion Ratio Lower Upper

75 100

155 91.8 49.6 149.0

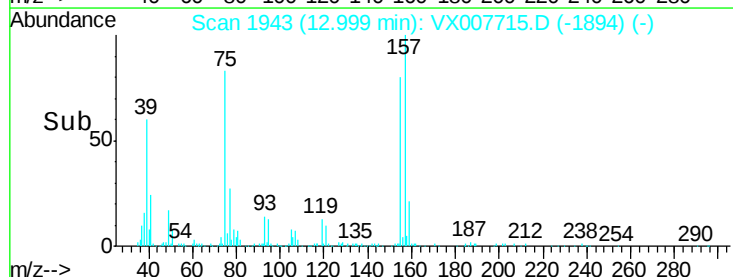
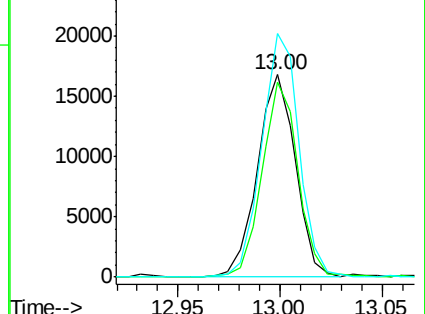
157 118.4 65.1 195.3

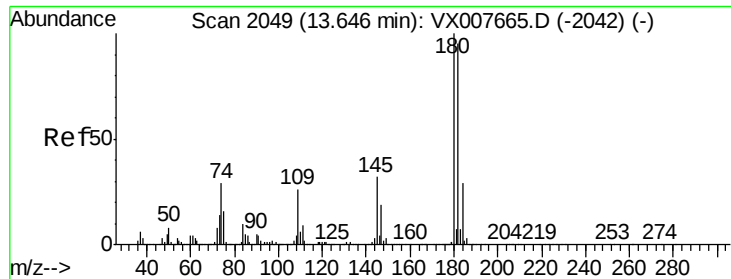


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

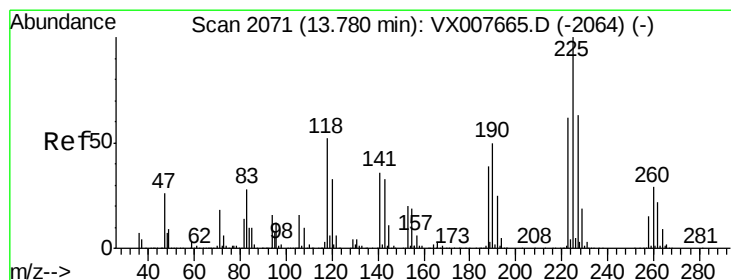
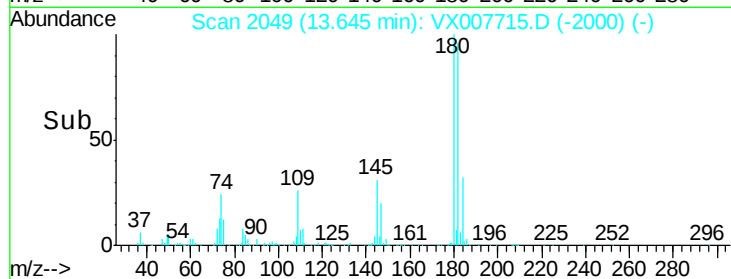
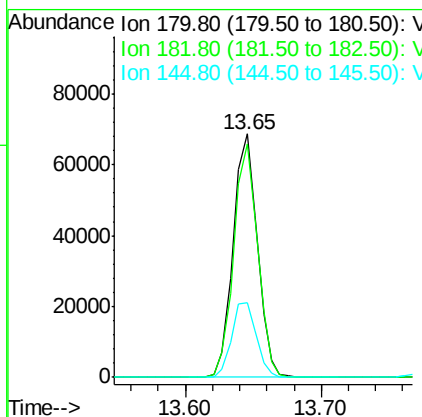
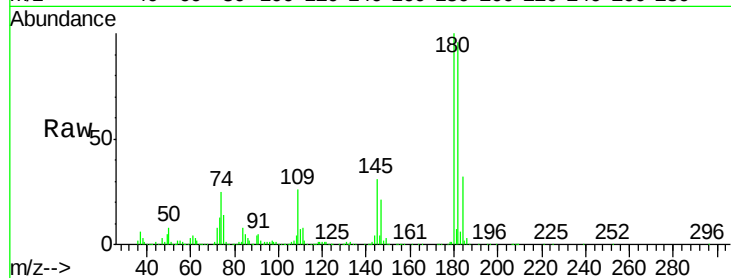




#93
 1,2,4-Trichlorobenzene
 Concen: 19.197 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007715.D
 Acq: 26 Feb 2019 15:59

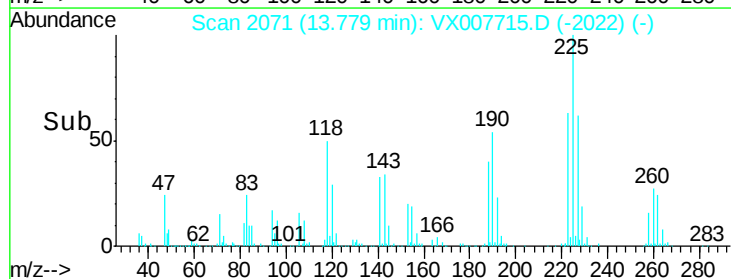
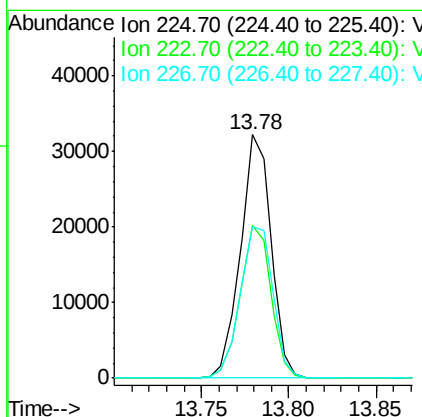
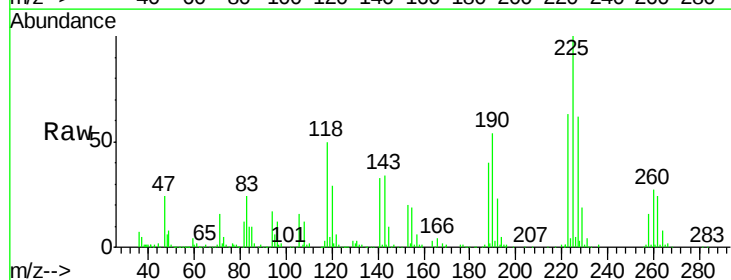
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0226WBS01

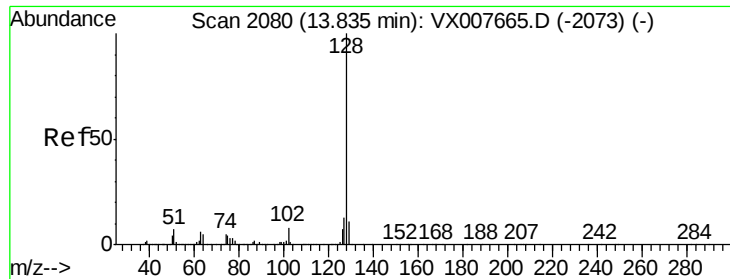
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.8	143.3
145	31.4	14.1	42.2



#94
 Hexachlorobutadiene
 Concen: 19.321 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007715.D
 Acq: 26 Feb 2019 15:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.6	94.8
227	66.6	32.1	96.3





#95

Naphthalene

Concen: 20.390 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBS01

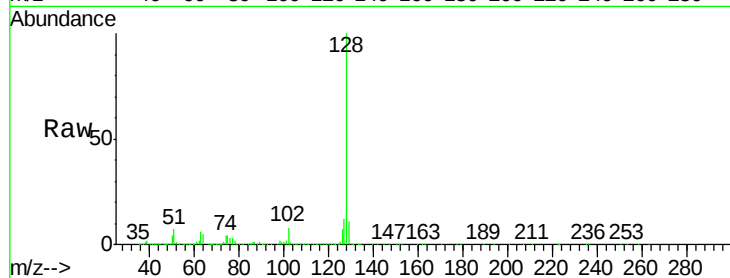
Tot Ion:128 Resp: 293951

Ion Ratio Lower Upper

128 100

127 12.7 10.5 15.7

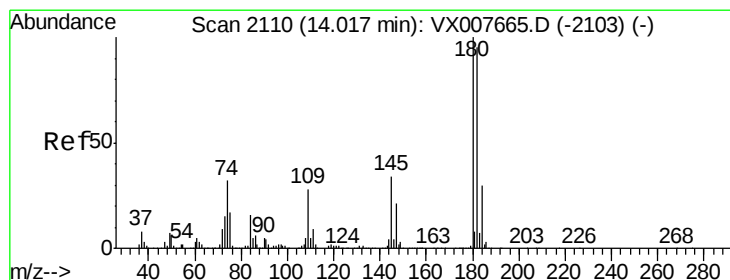
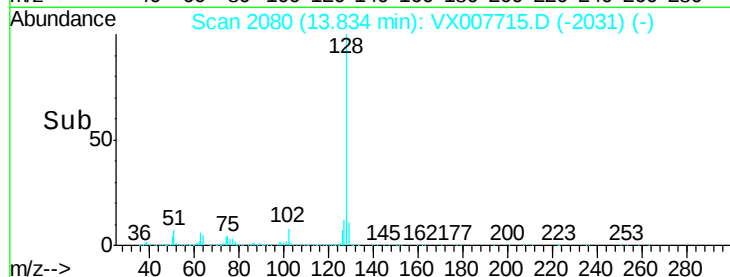
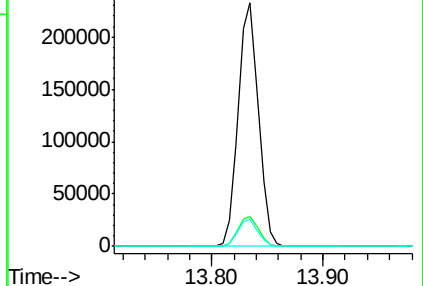
129 11.0 8.7 13.1



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: 19.670 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

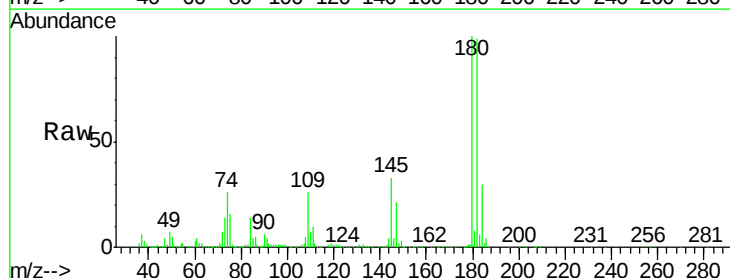
Tgt Ion:180 Resp: 87888

Ion Ratio Lower Upper

180 100

182 96.8 47.5 142.6

145 31.5 14.9 44.5



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

