

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022619\
 Data File : VX007722.D
 Acq On : 26 Feb 2019 19:06
 Operator : JC/SP
 Sample : VX0226WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0226WBSD01

Quant Time: Feb 27 00:19:43 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	5.67	168	311967	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	498822	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	457313	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	219939	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	194070	50.22	ug/l	0.00
Spiked Amount			Recovery	=	100.44%	
35) Dibromofluoromethane	5.51	113	171662	51.48	ug/l	0.00
Spiked Amount			Recovery	=	102.96%	
50) Toluene-d8	8.71	98	648851	50.83	ug/l	0.00
Spiked Amount			Recovery	=	101.66%	
62) 4-Bromofluorobenzene	11.13	95	226017	48.24	ug/l	0.00
Spiked Amount			Recovery	=	96.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	57484	20.003	ug/l	100
3) Chloromethane	1.33	50	63218	19.851	ug/l	95
4) Vinyl Chloride	1.41	62	67691	20.718	ug/l	99
5) Bromomethane	1.64	94	46341	21.635	ug/l	99
6) Chloroethane	1.73	64	42952	20.577	ug/l	98
7) Trichlorofluoromethane	1.93	101	102513	20.467	ug/l	97
8) Diethyl Ether	2.19	74	40440	19.673	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	58419	19.297	ug/l	93
10) Methyl Iodide	2.51	142	79926	21.203	ug/l	96
11) Tert butyl alcohol	3.07	59	73476	100.214	ug/l #	94
12) 1,1-Dichloroethene	2.38	96	55933	20.497	ug/l	98
13) Acrolein	2.30	56	44820	68.793	ug/l	94
14) Allyl chloride	2.73	41	100083	19.835	ug/l	98
15) Acrylonitrile	3.15	53	179558	104.066	ug/l	100
16) Acetone	2.45	43	157656	91.743	ug/l	99
17) Carbon Disulfide	2.57	76	149571	19.701	ug/l	98
18) Methyl Acetate	2.78	43	77257	20.603	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	195867	20.612	ug/l	96
20) Methylene Chloride	2.85	84	65567	20.663	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	59806	20.160	ug/l	89
22) Diisopropyl ether	3.87	45	207387	19.744	ug/l	92
23) Vinyl Acetate	3.82	43	907344	98.459	ug/l	99
24) 1,1-Dichloroethane	3.70	63	115815	20.288	ug/l	100
25) 2-Butanone	4.70	43	258929	98.917	ug/l	100
26) 2,2-Dichloropropane	4.59	77	73695	16.173	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	75564	20.018	ug/l	99
28) Bromochloromethane	5.02	49	58221	20.950	ug/l	93
29) Tetrahydrofuran	5.15	42	169916	98.474	ug/l	99
30) Chloroform	5.22	83	122506	20.034	ug/l	95
31) Cyclohexane	5.57	56	102467	19.083	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	101748	20.120	ug/l	98
36) 1,1-Dichloropropene	5.80	75	88035	19.631	ug/l	99
37) Ethyl Acetate	4.85	43	98262	19.725	ug/l	98
38) Carbon Tetrachloride	5.78	117	90339	20.054	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022619\
 Data File : VX007722.D
 Acq On : 26 Feb 2019 19:06
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 Sample : VX0226WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0226WBSD01

Quant Time: Feb 27 00:19:43 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)
39) Methylcyclohexane	7.46	83	103766	18.308	ug/l	95
40) Benzene	6.14	78	279770	20.209	ug/l	99
41) Methacrylonitrile	5.06	41	54083	20.331	ug/l	98
42) 1,2-Dichloroethane	6.20	62	93347	20.062	ug/l	96
43) Isopropyl Acetate	6.46	43	149475	19.496	ug/l	100
44) Trichloroethene	7.21	130	76334	20.044	ug/l	97
45) 1,2-Dichloropropane	7.51	63	71213	19.858	ug/l	97
46) Dibromomethane	7.66	93	48858	19.529	ug/l	94
47) Bromodichloromethane	7.90	83	89167	20.567	ug/l	99
48) Methyl methacrylate	7.77	41	77907	19.385	ug/l	100
49) 1,4-Dioxane	7.75	88	34358	395.820	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	527317	102.748	ug/l	99
52) Toluene	8.78	92	177289	20.309	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	88383	18.281	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	100369	19.077	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	75348	20.698	ug/l	98
56) Ethyl methacrylate	9.18	69	103959	20.082	ug/l	99
57) 1,3-Dichloropropane	9.37	76	121122	20.785	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	294706	103.235	ug/l	98
59) 2-Hexanone	9.49	43	403598	100.168	ug/l	100
60) Dibromochloromethane	9.58	129	71165	20.317	ug/l	99
61) 1,2-Dibromoethane	9.67	107	77290	20.450	ug/l	99
64) Tetrachloroethene	9.34	164	72985	19.659	ug/l	96
65) Chlorobenzene	10.14	112	195556	19.772	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	69388	20.112	ug/l	98
67) Ethyl Benzene	10.25	91	322822	19.703	ug/l	100
68) m/p-Xylenes	10.36	106	250864	39.357	ug/l	98
69) o-Xylene	10.69	106	121993	19.897	ug/l	97
70) Styrene	10.71	104	199867	19.832	ug/l	99
71) Bromoform	10.85	173	48342	18.685	ug/l #	98
73) Isopropylbenzene	11.02	105	325497	20.707	ug/l	100
74) N-amyl acetate	10.90	43	136754	20.034	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	111932	20.588	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	120412	25.685	ug/l	80
77) Bromobenzene	11.26	156	83724	21.235	ug/l	93
78) n-propylbenzene	11.36	91	363882	20.485	ug/l	98
79) 2-Chlorotoluene	11.42	91	215101	20.111	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	267385	20.679	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	27098	17.566	ug/l	93
82) 4-Chlorotoluene	11.51	91	250290	20.004	ug/l	97
83) tert-Butylbenzene	11.77	119	254918	20.534	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	272508	20.604	ug/l	98
85) sec-Butylbenzene	11.94	105	320208	20.583	ug/l	99
86) p-Isopropyltoluene	12.06	119	273726	20.091	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	151022	20.650	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	148579	19.837	ug/l	96
89) n-Butylbenzene	12.38	91	229855	18.918	ug/l	99
90) Hexachloroethane	12.60	117	46132	20.096	ug/l	84
91) 1,2-Dichlorobenzene	12.39	146	150906	20.623	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	22358	18.874	ug/l	90

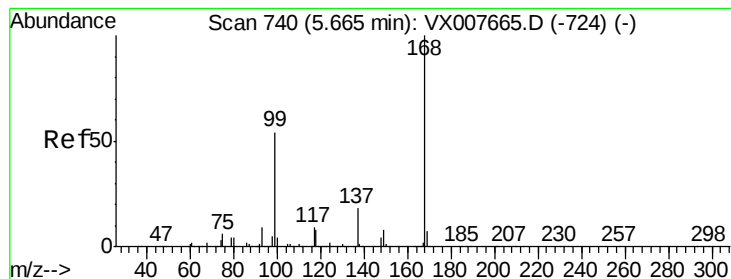
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX022619\
Data File : VX007722.D
Acq On : 26 Feb 2019 19:06
Operator : JC/SP
Sample : VX0226WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0226WBSD01

Quant Time: Feb 27 00:19:43 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	88405	19.792	ug/l	99
94) Hexachlorobutadiene	13.78	225	40852	19.992	ug/l	97
95) Naphthalene	13.83	128	298323	20.615	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	92363	20.594	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Instrument :

MSVOA_X

ClientSampleId :

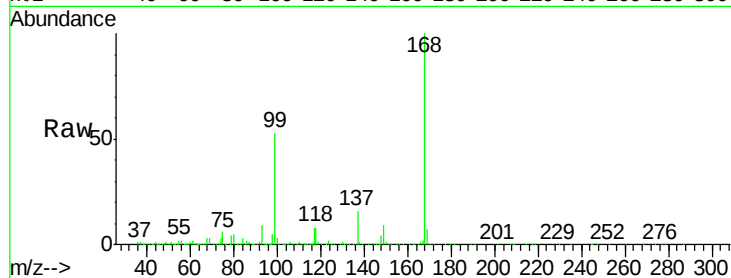
VX0226WBSD01

Tot Ion:168 Resp: 311967

Ion Ratio Lower Upper

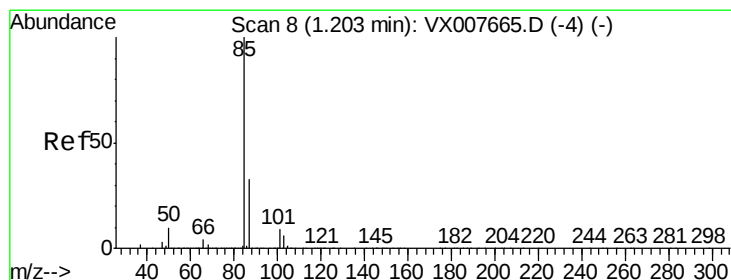
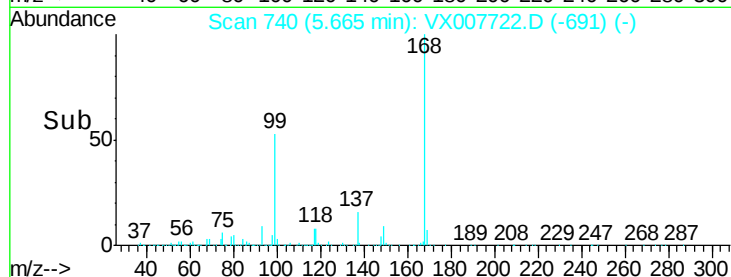
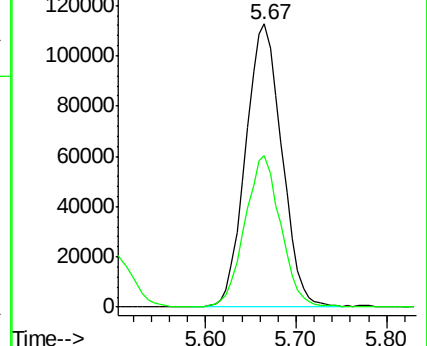
168 100

99 53.2 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 20.003 ug/l

RT: 1.20 min Scan# 8

Delta R.T. -0.00 min

Lab File: VX007722.D

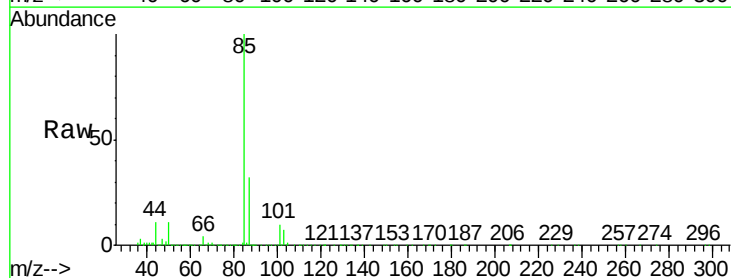
Acq: 26 Feb 2019 19:06

Tgt Ion: 85 Resp: 57484

Ion Ratio Lower Upper

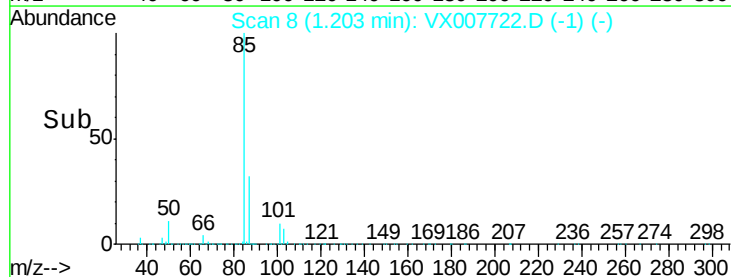
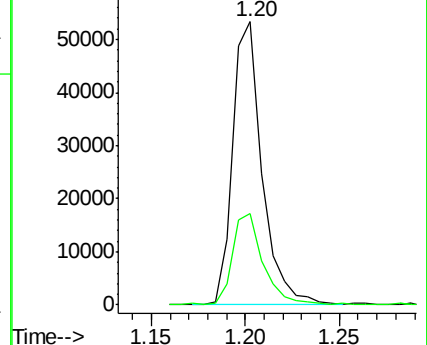
85 100

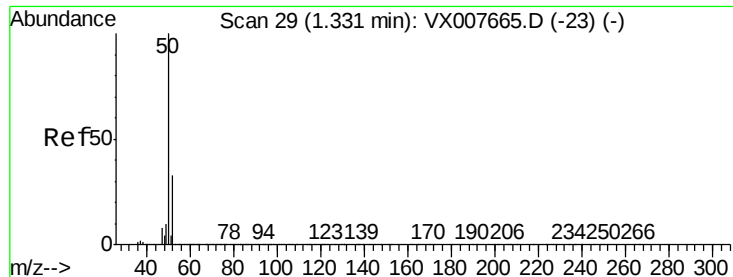
87 31.9 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

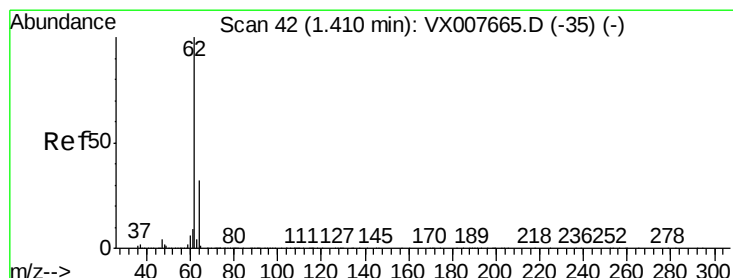
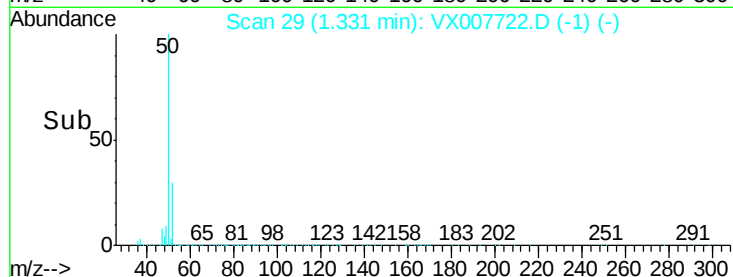
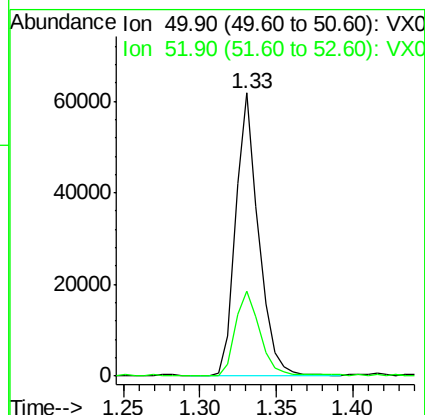
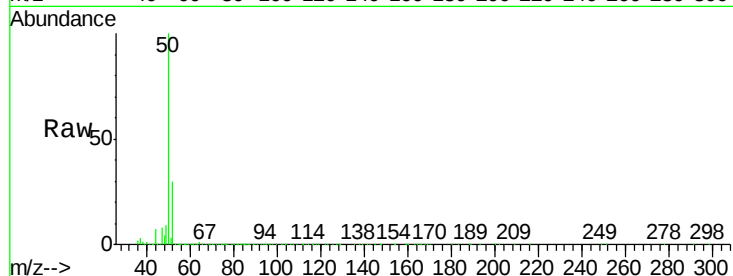




#3
Chloromethane
Concen: 19.851 ug/l
RT: 1.33 min Scan# 29
Delta R.T. -0.00 min
Lab File: VX007722.D
Acq: 26 Feb 2019 19:06

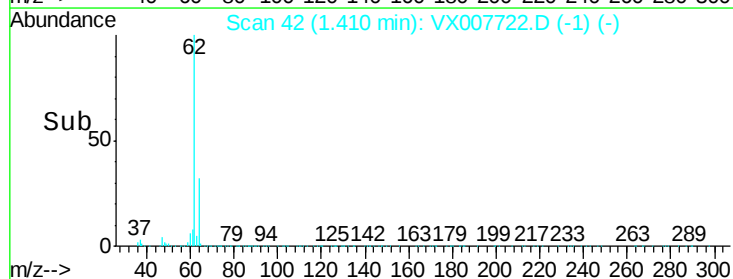
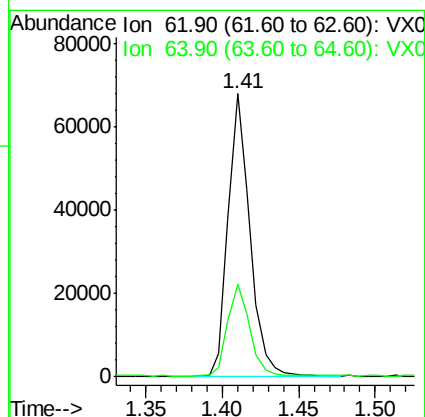
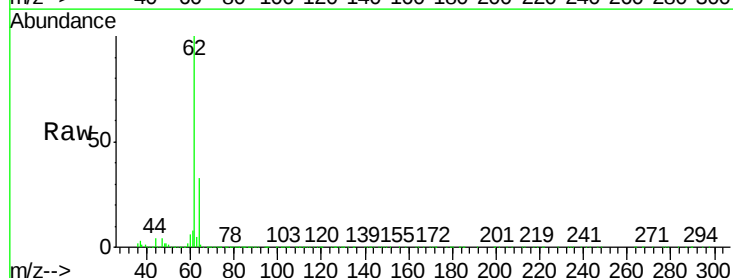
Instrument :
MSVOA_X
ClientSampleId :
VX0226WBSD01

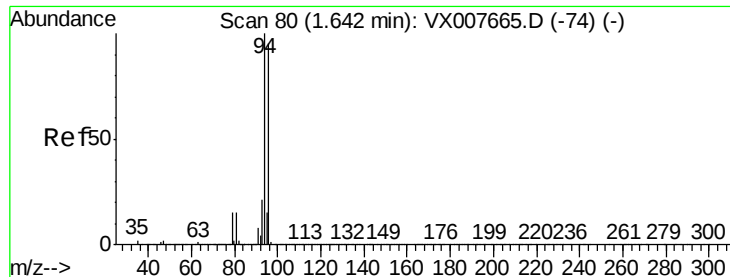
Tot Ion: 50 Resp: 63218
Ion Ratio Lower Upper
50 100
52 30.0 26.1 39.1



#4
Vinyl Chloride
Concen: 20.718 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX007722.D
Acq: 26 Feb 2019 19:06

Tgt Ion: 62 Resp: 67691
Ion Ratio Lower Upper
62 100
64 32.3 25.4 38.0





#5

Bromomethane

Concen: 21.635 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Instrument :

MSVOA_X

ClientSampleId :

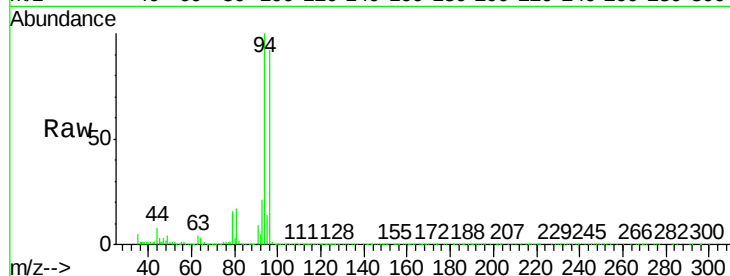
VX0226WBSD01

Tot Ion: 94 Resp: 46341

Ion Ratio Lower Upper

94 100

96 91.8 73.9 110.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

50000

40000

30000

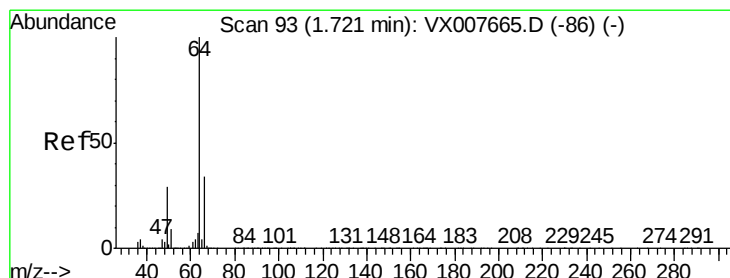
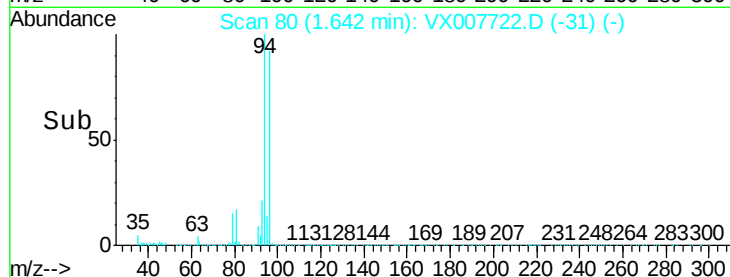
20000

10000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 20.577 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007722.D

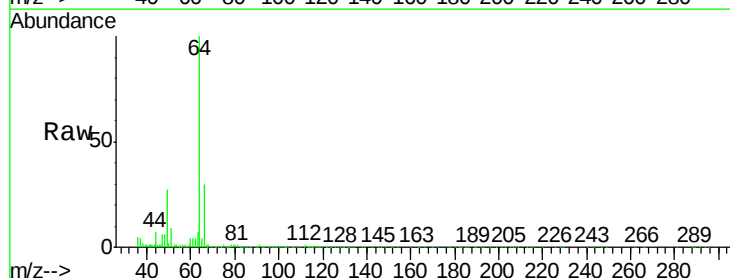
Acq: 26 Feb 2019 19:06

Tgt Ion: 64 Resp: 42952

Ion Ratio Lower Upper

64 100

66 30.9 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.73

30000

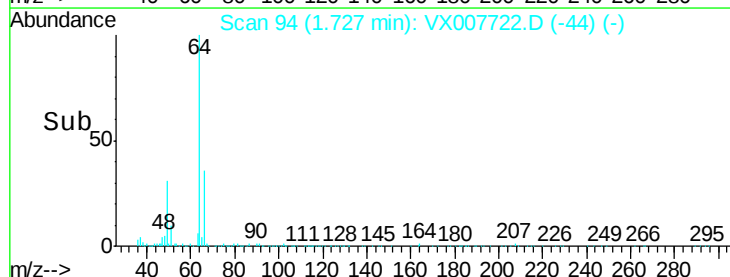
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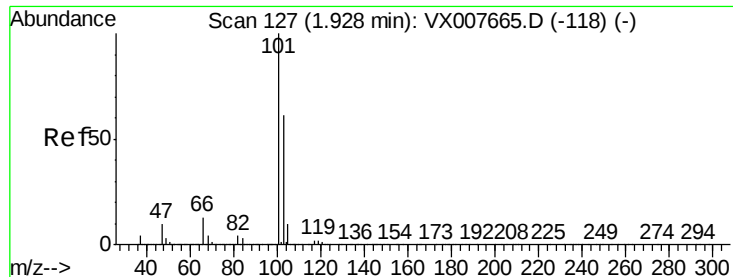
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Time-->

1.65 1.70 1.75 1.80



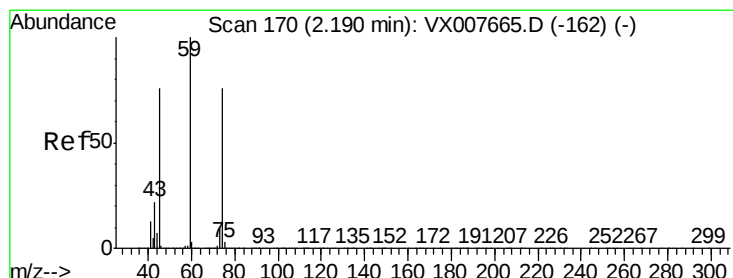
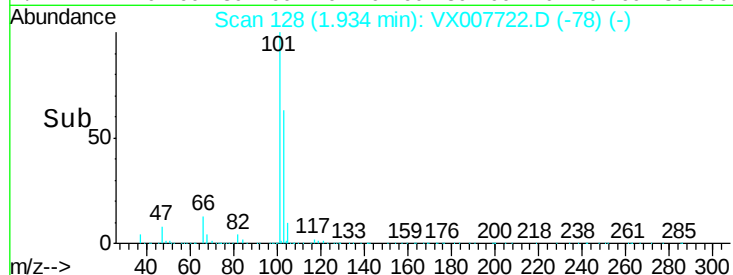
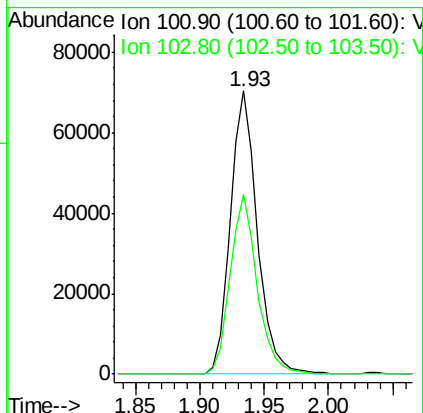
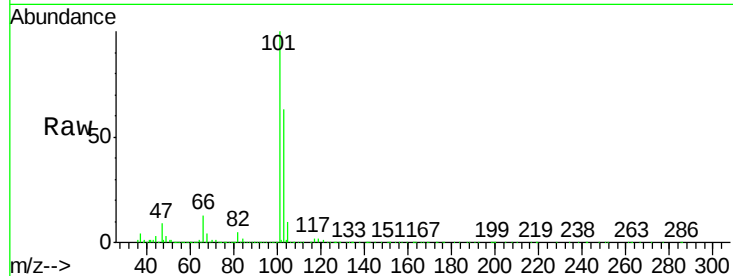


#7

Trichlorofluoromethane
Concen: 20.467 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007722.D
Acq: 26 Feb 2019 19:06

Instrument :
MSVOA_X
ClientSampleId :
VX0226WBSD01

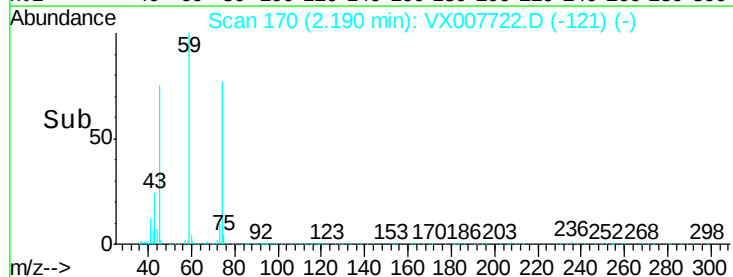
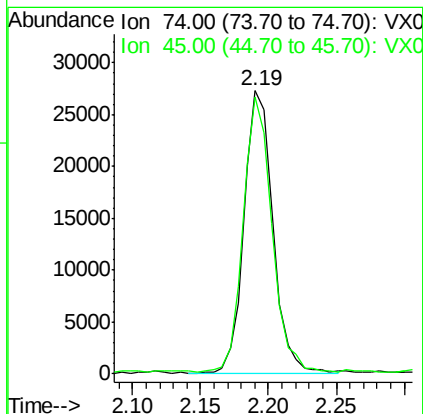
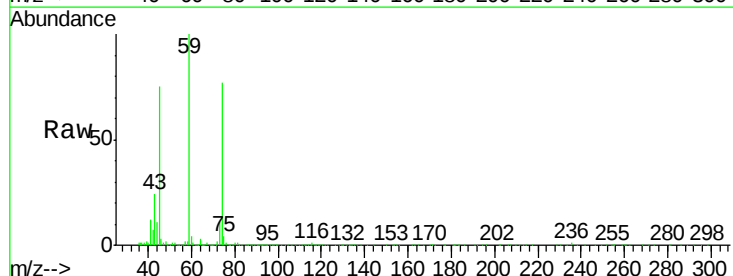
Tot Ion:101 Resp: 102513
Ion Ratio Lower Upper
101 100
103 63.2 52.6 79.0

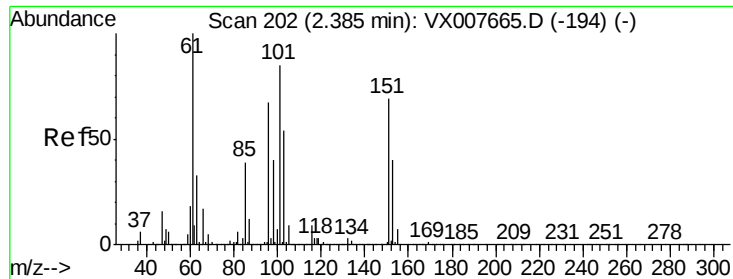


#8

Diethyl Ether
Concen: 19.673 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007722.D
Acq: 26 Feb 2019 19:06

Tgt Ion: 74 Resp: 40440
Ion Ratio Lower Upper
74 100
45 97.0 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.297 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBSD01

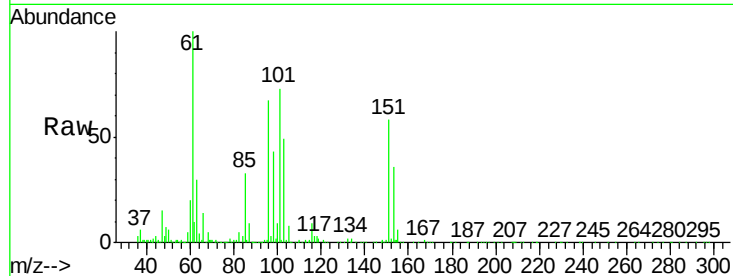
Tot Ion:101 Resp: 58419

Ion Ratio Lower Upper

101 100

85 45.3 34.1 51.1

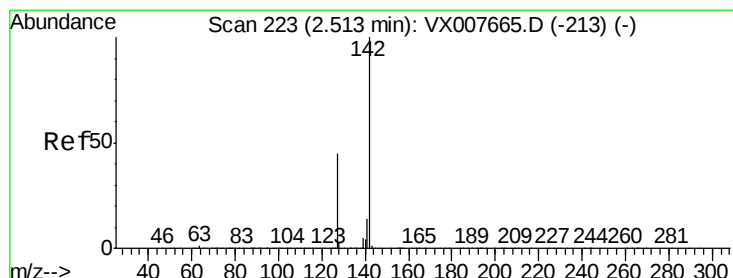
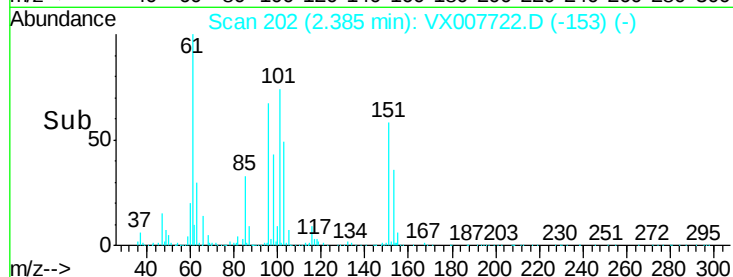
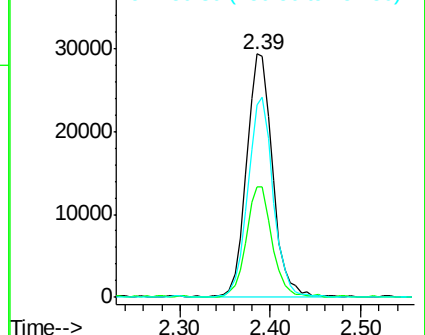
151 79.8 69.9 104.9



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: 21.203 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

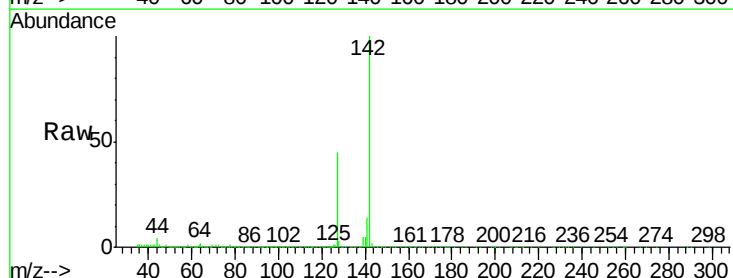
Tgt Ion:142 Resp: 79926

Ion Ratio Lower Upper

142 100

127 45.0 33.7 50.5

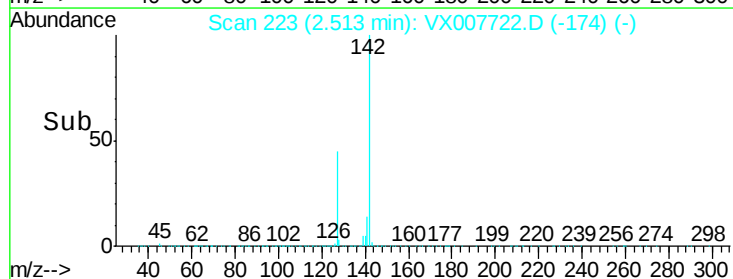
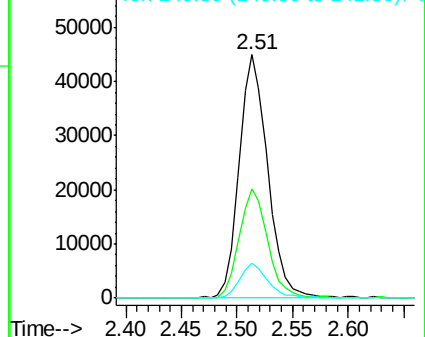
141 14.5 11.3 16.9

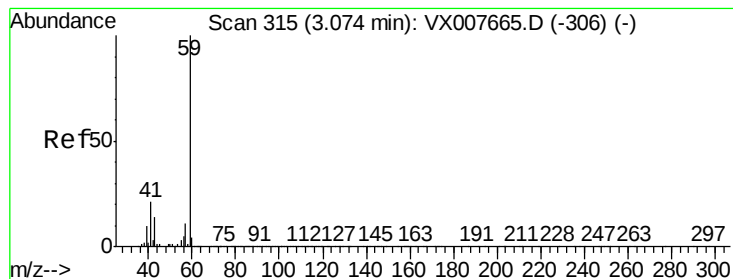


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



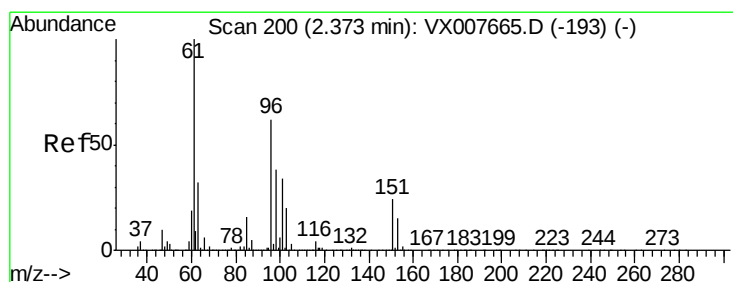
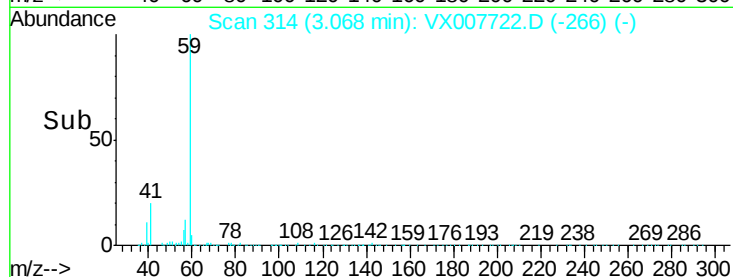
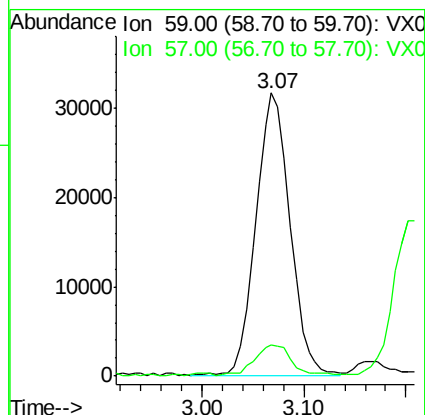
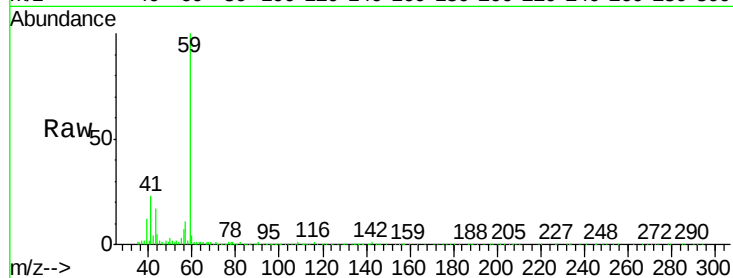


#11

Tert butyl alcohol
Concen: 100.214 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX007722.D
Acq: 26 Feb 2019 19:06

Instrument :
MSVOA_X
ClientSampleId :
VX0226WBSD01

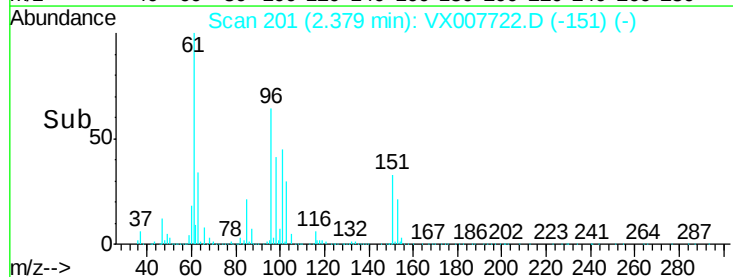
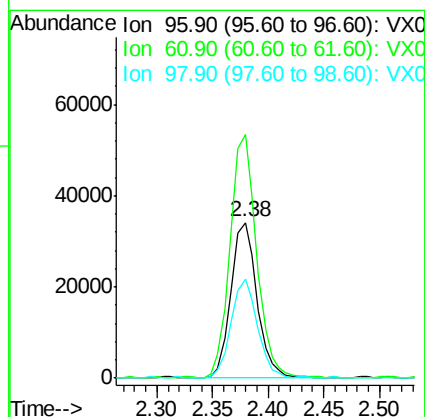
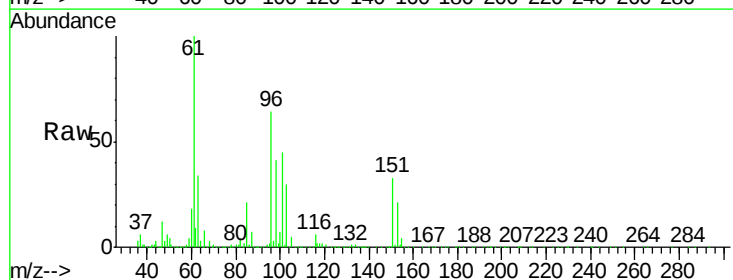
Tot Ion: 59 Resp: 73476
Ion Ratio Lower Upper
59 100
57 12.3 8.1 12.1#

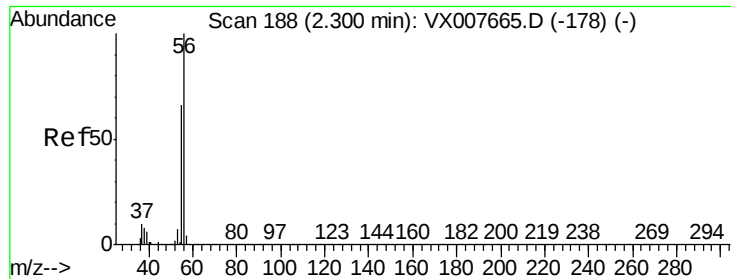


#12

1,1-Dichloroethene
Concen: 20.497 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007722.D
Acq: 26 Feb 2019 19:06

Tgt Ion: 96 Resp: 55933
Ion Ratio Lower Upper
96 100
61 156.5 123.0 184.4
98 63.9 50.9 76.3

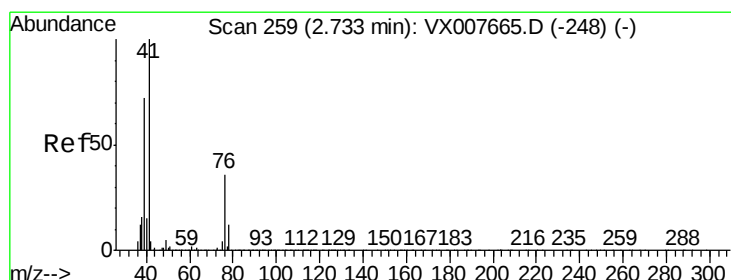
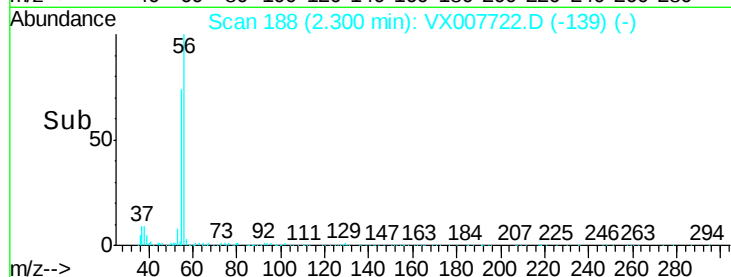
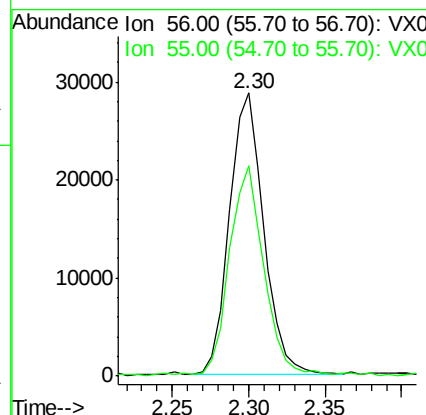
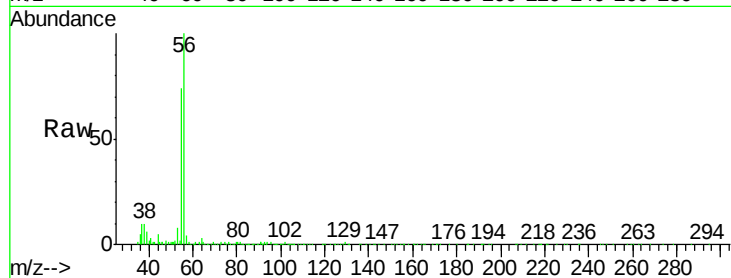




#13
Acrolein
Concen: 68.793 ug/l
RT: 2.30 min Scan# 188
Delta R.T. -0.00 min
Lab File: VX007722.D
Acq: 26 Feb 2019 19:06

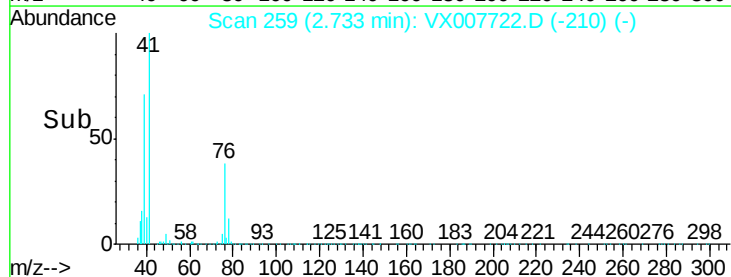
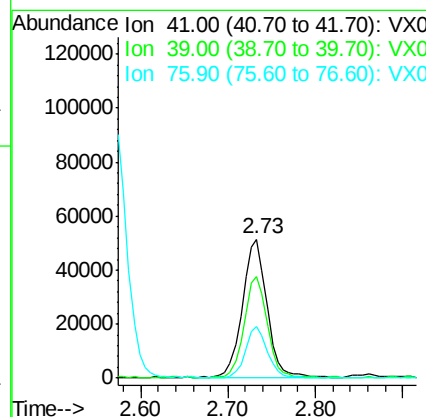
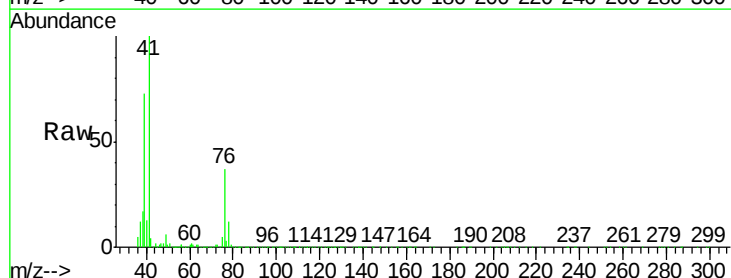
Instrument :
MSVOA_X
ClientSampleId :
VX0226WBSD01

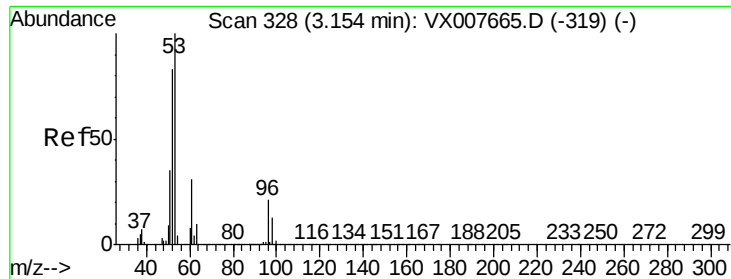
Tot Ion: 56 Resp: 44820
Ion Ratio Lower Upper
56 100
55 76.1 56.9 85.3



#14
Allyl chloride
Concen: 19.835 ug/l
RT: 2.73 min Scan# 259
Delta R.T. -0.00 min
Lab File: VX007722.D
Acq: 26 Feb 2019 19:06

Tgt Ion: 41 Resp: 100083
Ion Ratio Lower Upper
41 100
39 69.2 54.1 81.1
76 33.1 27.8 41.8





#15

Acrylonitrile

Concen: 104.066 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBSD01

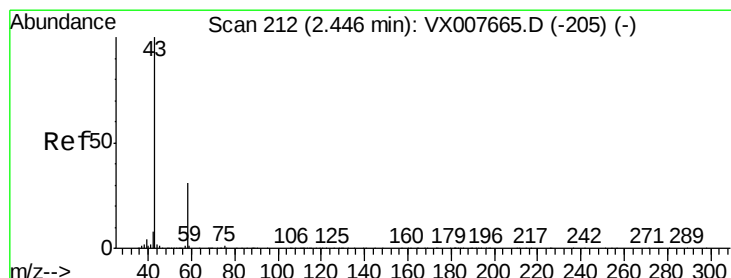
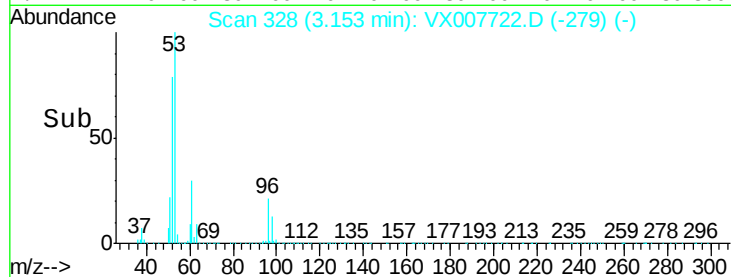
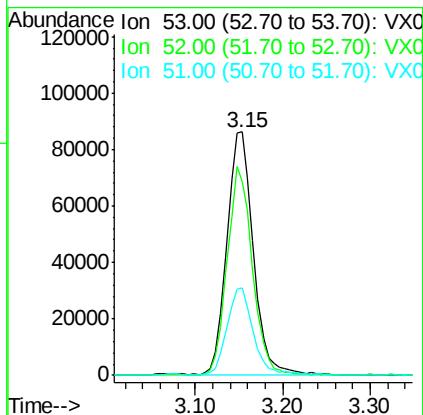
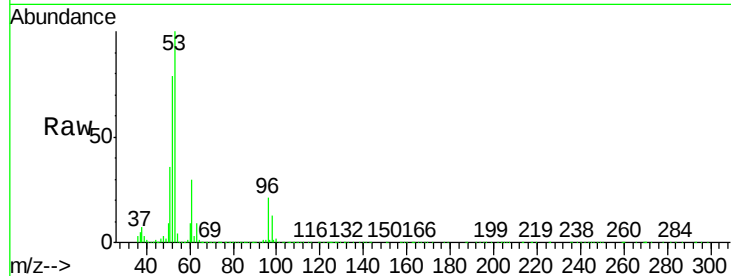
Tot Ion: 53 Resp: 179558

Ion Ratio Lower Upper

53 100

52 82.6 66.4 99.6

51 35.5 28.4 42.6



#16

Acetone

Concen: 91.743 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007722.D

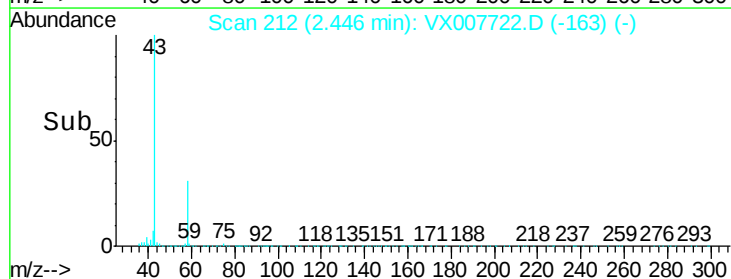
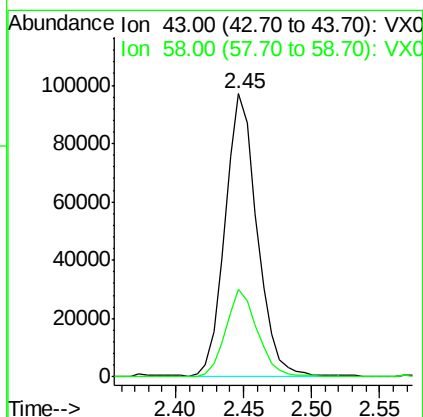
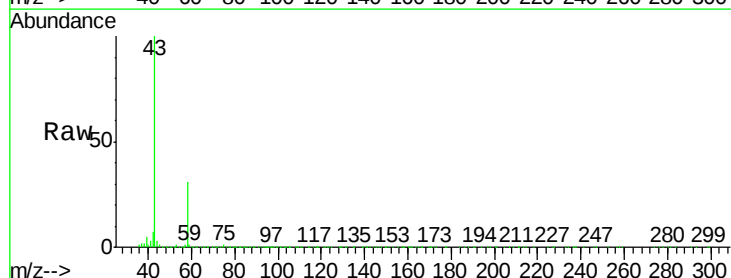
Acq: 26 Feb 2019 19:06

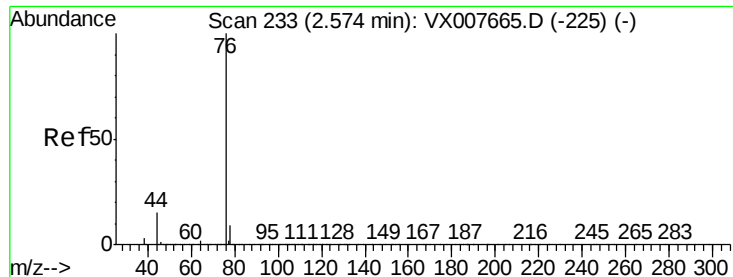
Tgt Ion: 43 Resp: 157656

Ion Ratio Lower Upper

43 100

58 30.6 24.9 37.3





#17

Carbon Disulfide

Concen: 19.701 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Instrument :

MSVOA_X

ClientSampleId :

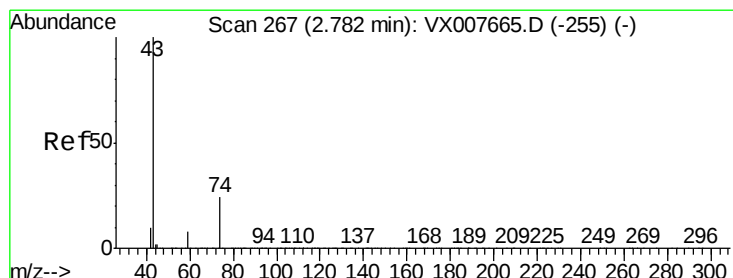
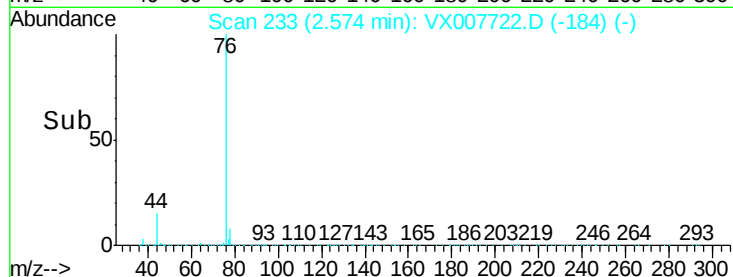
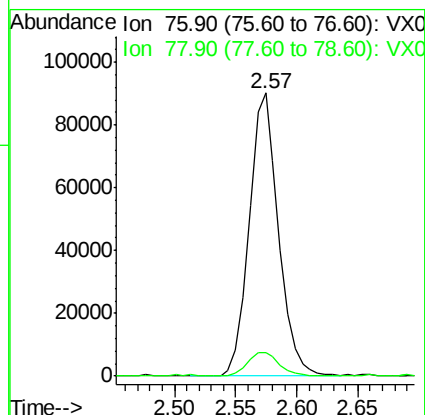
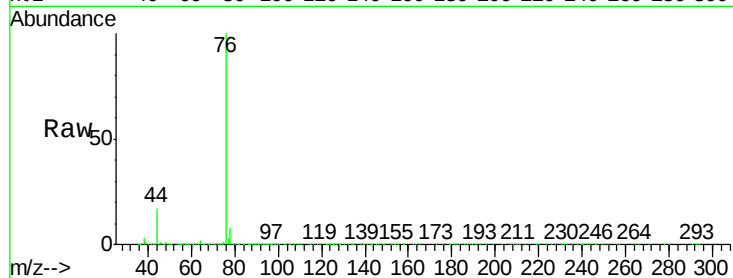
VX0226WBSD01

Tot Ion: 76 Resp: 149571

Ion Ratio Lower Upper

76 100

78 8.2 7.1 10.7



#18

Methyl Acetate

Concen: 20.603 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX007722.D

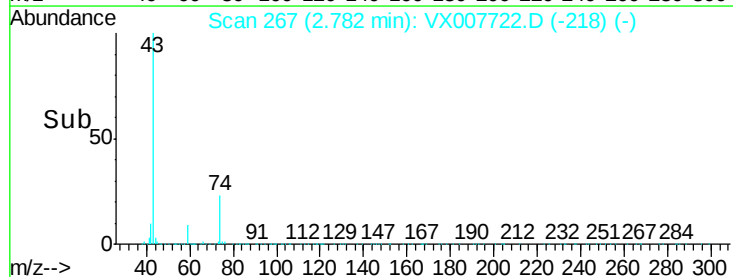
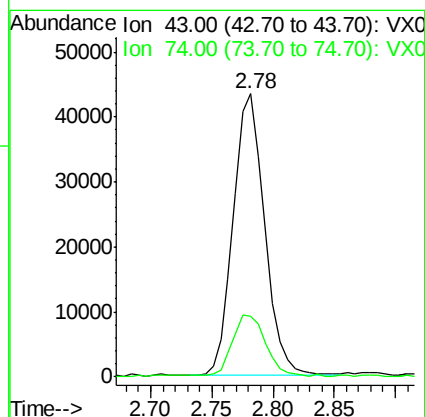
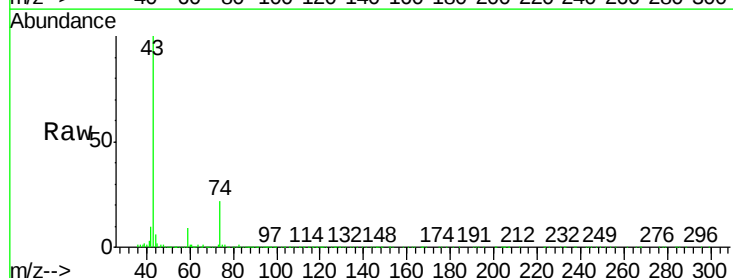
Acq: 26 Feb 2019 19:06

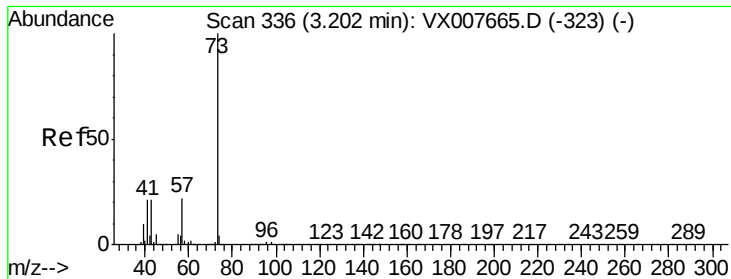
Tgt Ion: 43 Resp: 77257

Ion Ratio Lower Upper

43 100

74 23.2 19.4 29.2

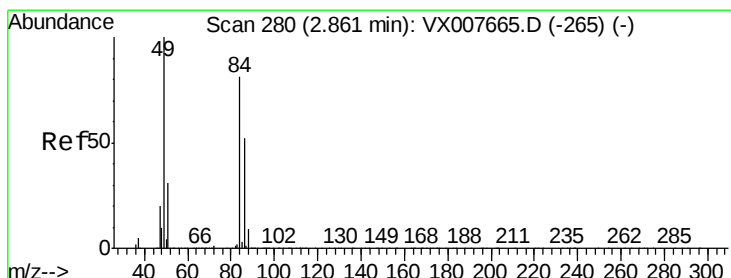
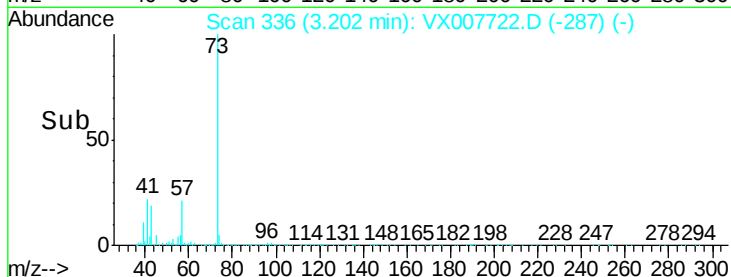
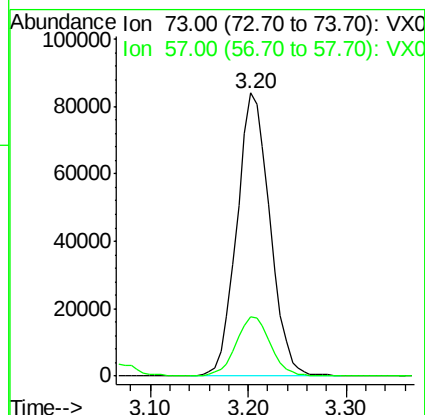
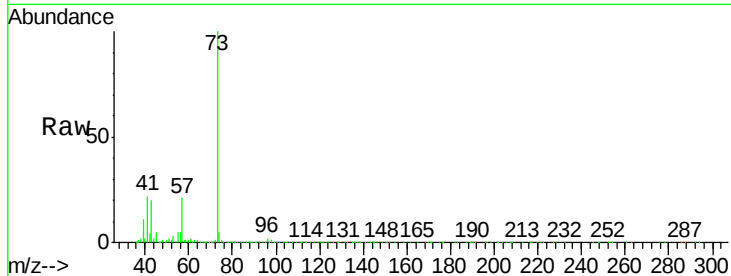




#19
Methvl tert-butvl Ether
Concen: 20.612 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007722.D
Acq: 26 Feb 2019 19:06

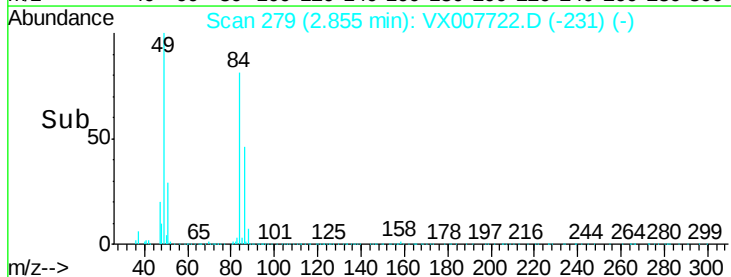
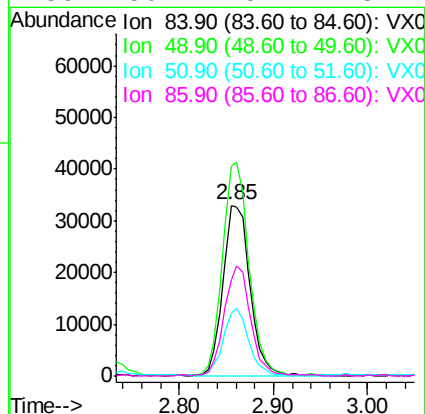
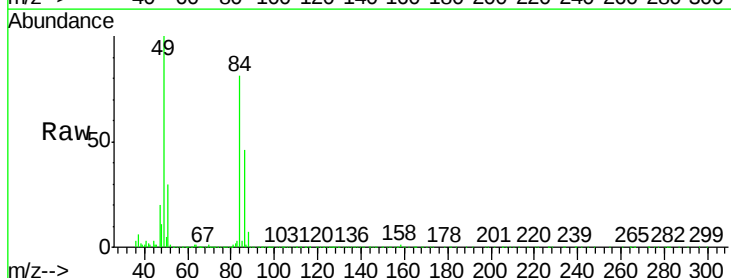
Instrument :
MSVOA_X
ClientSampleId :
VX0226WBSD01

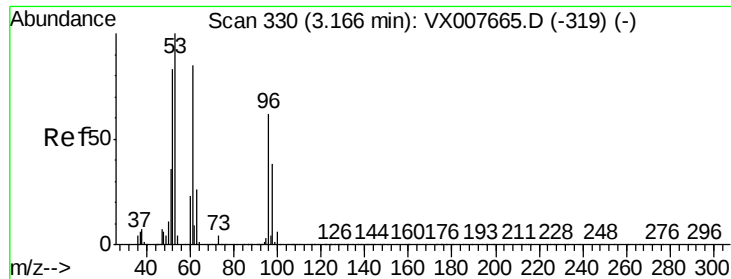
Tot Ion: 73 Resp: 195867
Ion Ratio Lower Upper
73 100
57 20.6 17.8 26.8



#20
Methylene Chloride
Concen: 20.663 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX007722.D
Acq: 26 Feb 2019 19:06

Tgt Ion: 84 Resp: 65567
Ion Ratio Lower Upper
84 100
49 122.7 94.8 142.2
51 35.7 29.8 44.8
86 56.7 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 20.160 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBSD01

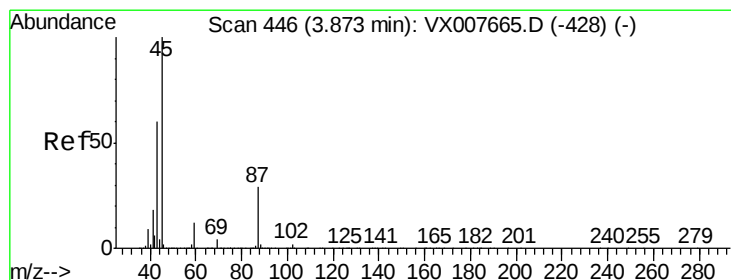
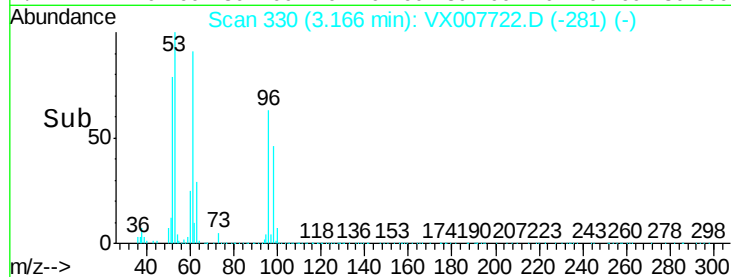
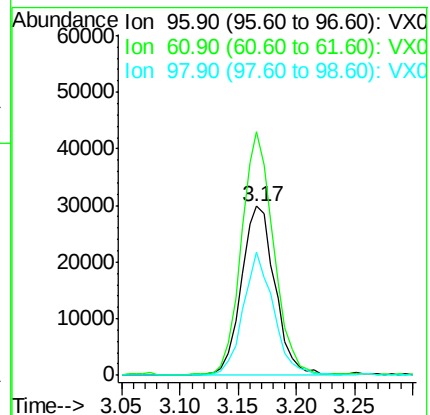
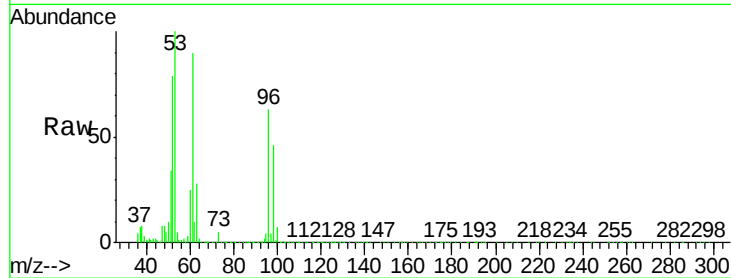
Tot Ion: 96 Resp: 59806

Ion Ratio Lower Upper

96 100

61 143.6 104.6 156.8

98 72.5 51.0 76.4



#22

Diisopropyl ether

Concen: 19.744 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Tgt Ion: 45 Resp: 207387

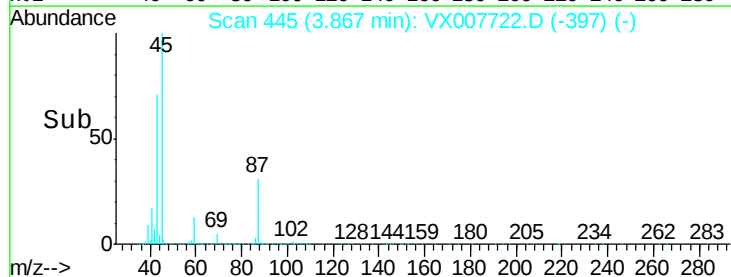
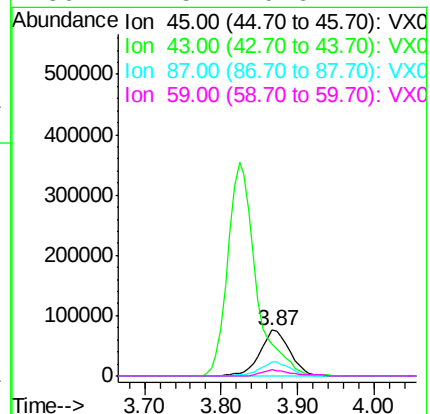
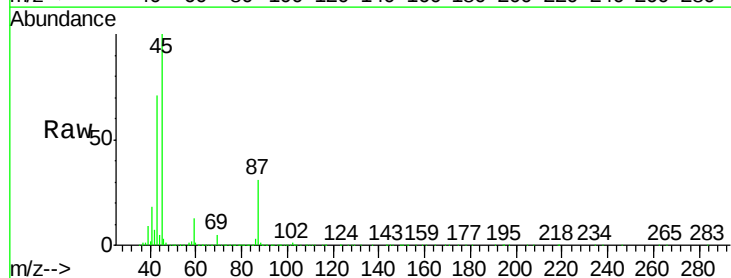
Ion Ratio Lower Upper

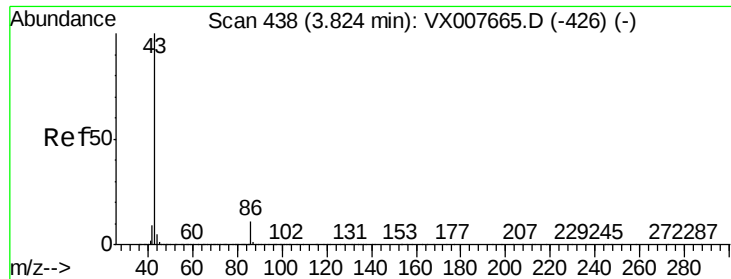
45 100

43 70.5 48.9 73.3

87 30.7 23.9 35.9

59 12.5 9.6 14.4





#23

Vinyl Acetate

Concen: 98.459 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Instrument :

MSVOA_X

ClientSampleId :

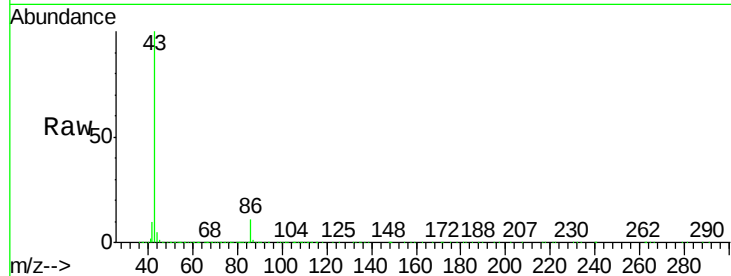
VX0226WBSD01

Tot Ion: 43 Resp: 907344

Ion Ratio Lower Upper

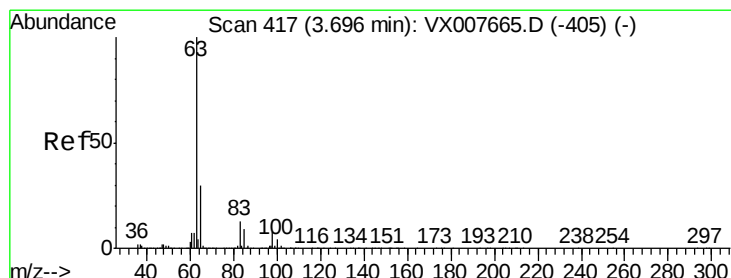
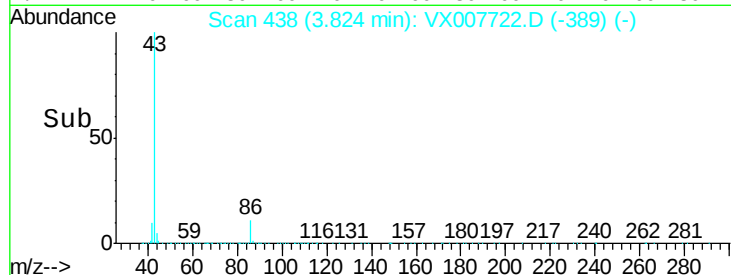
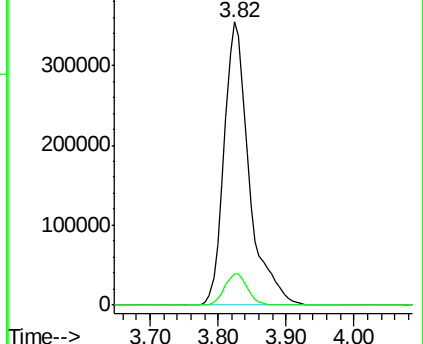
43 100

86 11.2 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 20.288 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

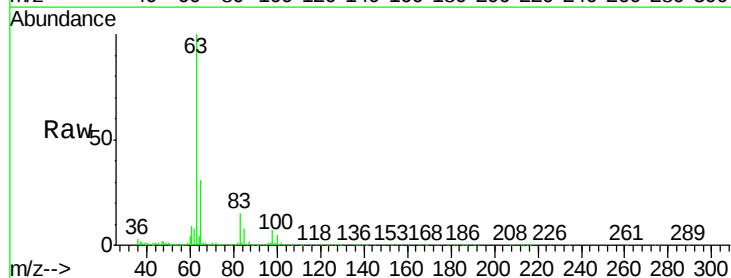
Tgt Ion: 63 Resp: 115815

Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

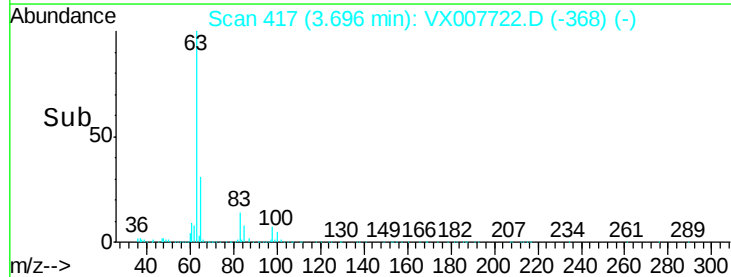
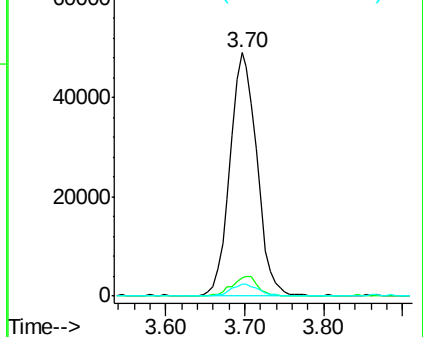
100 4.9 2.5 7.4

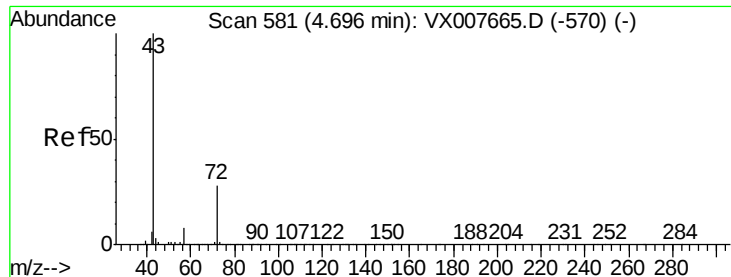


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 98.917 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Instrument :

MSVOA_X

ClientSampleId :

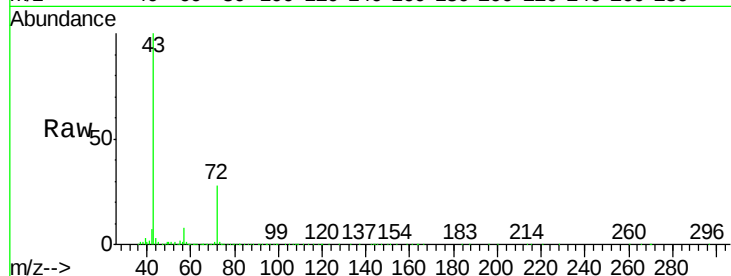
VX0226WBSD01

Tot Ion: 43 Resp: 258929

Ion Ratio Lower Upper

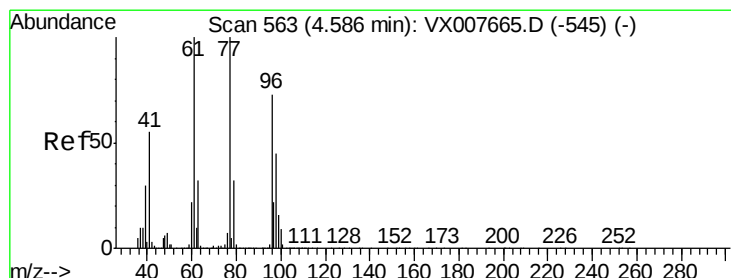
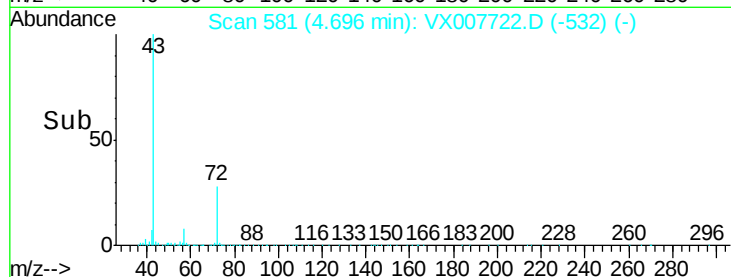
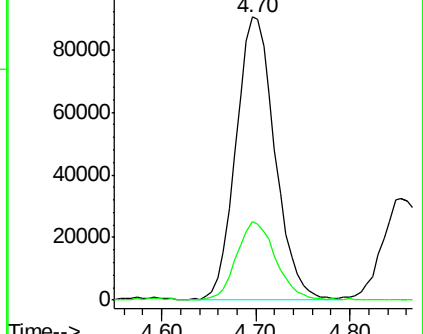
43 100

72 27.9 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 16.173 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007722.D

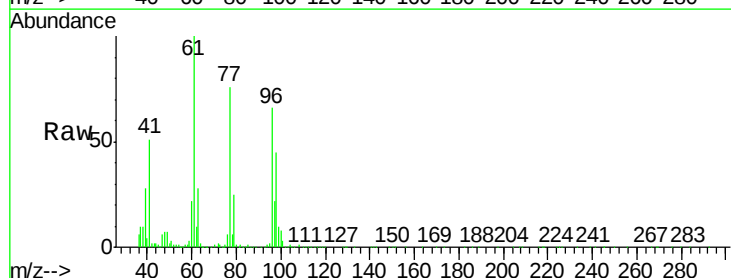
Acq: 26 Feb 2019 19:06

Tgt Ion: 77 Resp: 73695

Ion Ratio Lower Upper

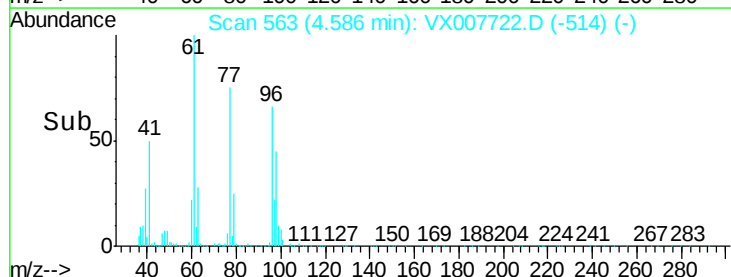
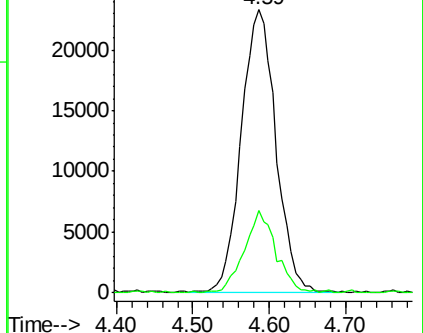
77 100

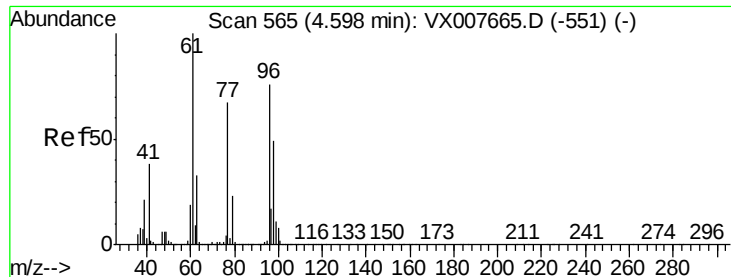
97 26.6 12.1 36.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



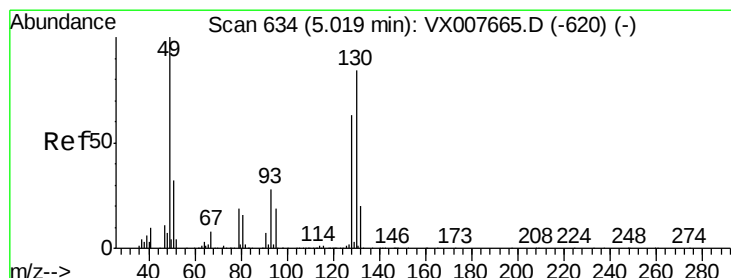
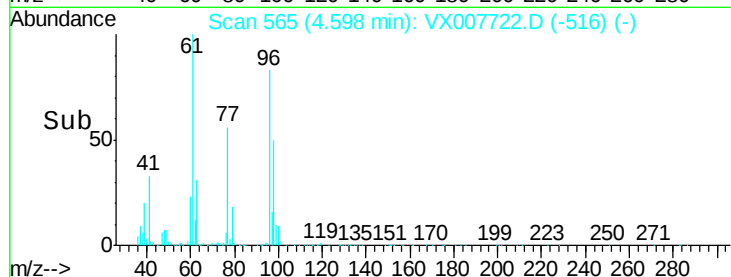
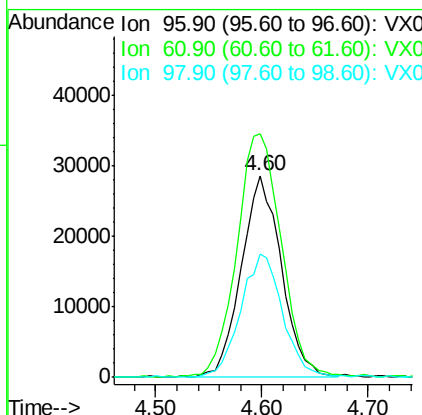
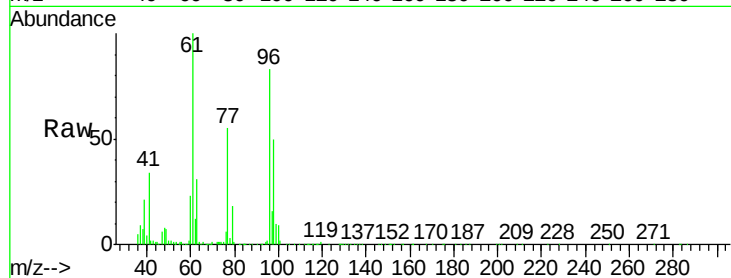


#27

cis-1,2-Dichloroethene
 Concen: 20.018 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX007722.D
 Acq: 26 Feb 2019 19:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0226WBSD01

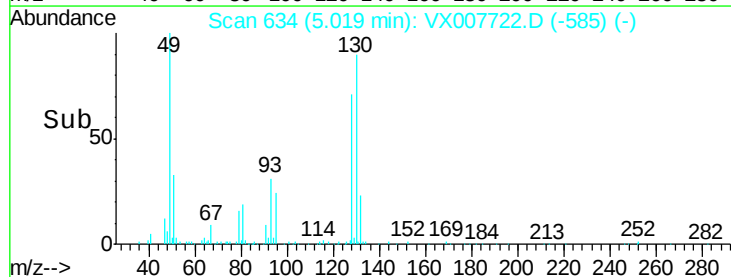
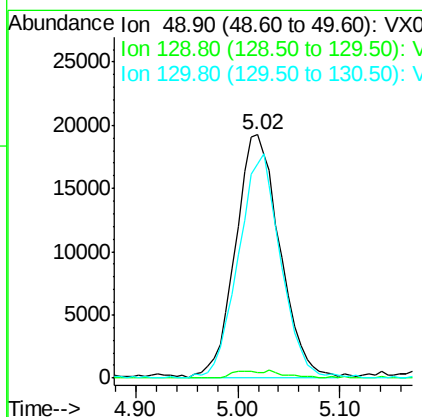
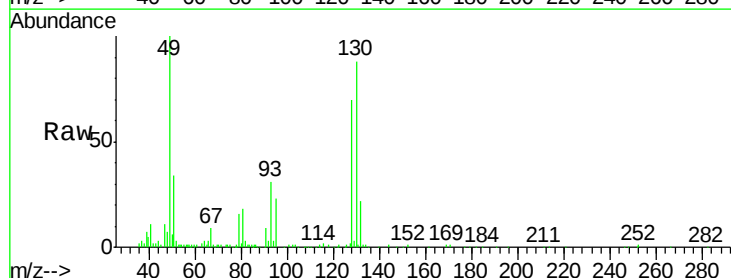
Tot Ion: 96 Resp: 75564
 Ion Ratio Lower Upper
 96 100
 61 133.7 0.0 265.6
 98 63.5 0.0 131.6

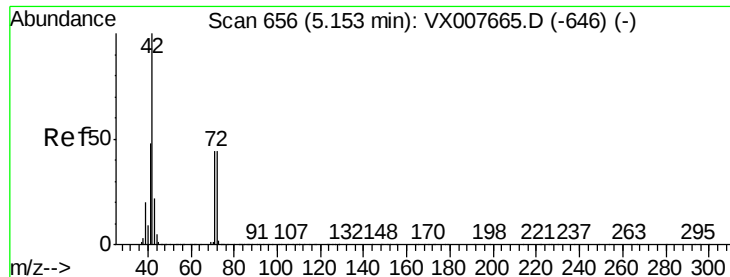


#28

Bromochloromethane
 Concen: 20.950 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX007722.D
 Acq: 26 Feb 2019 19:06

Tgt Ion: 49 Resp: 58221
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 5.6
 130 88.0 75.6 113.4





#29

Tetrahydrofuran

Concen: 98.474 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBSD01

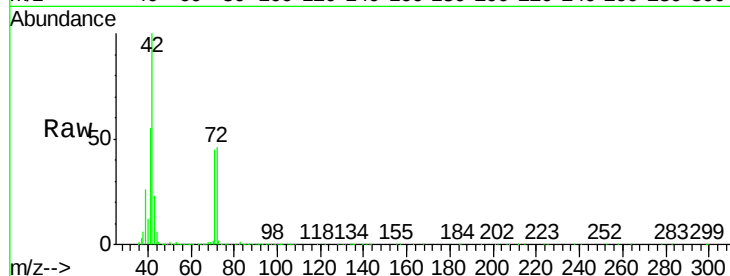
Tot Ion: 42 Resp: 169916

Ion Ratio Lower Upper

42 100

72 47.1 37.6 56.4

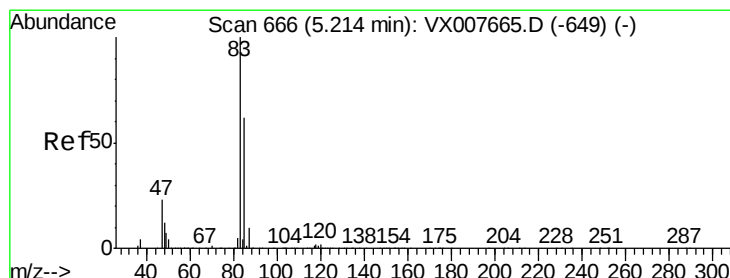
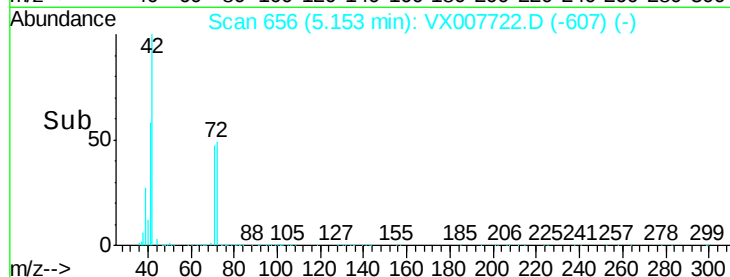
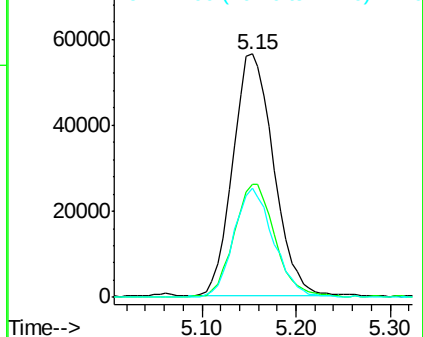
71 44.3 34.6 51.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 20.034 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.01 min

Lab File: VX007722.D

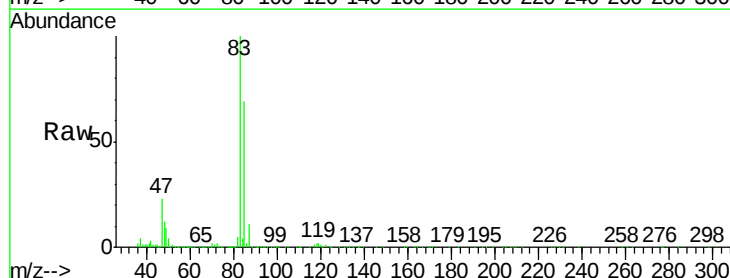
Acq: 26 Feb 2019 19:06

Tgt Ion: 83 Resp: 122506

Ion Ratio Lower Upper

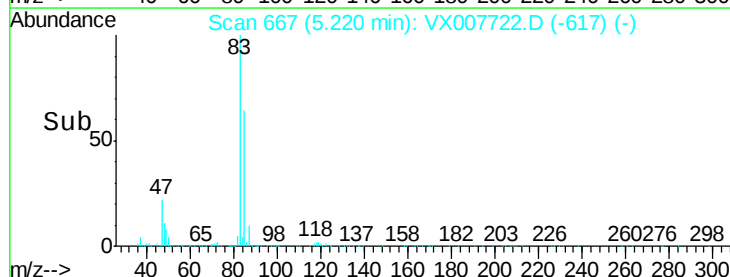
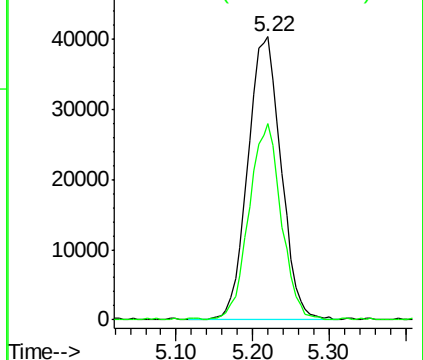
83 100

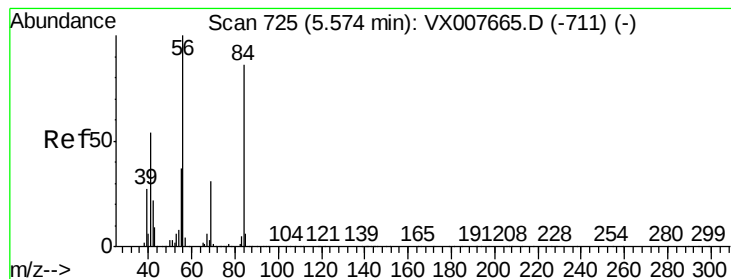
85 68.8 51.6 77.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 19.083 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBSD01

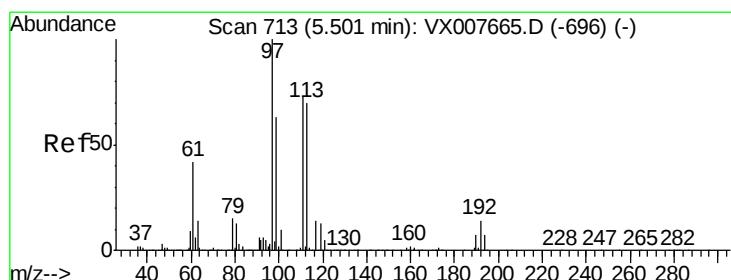
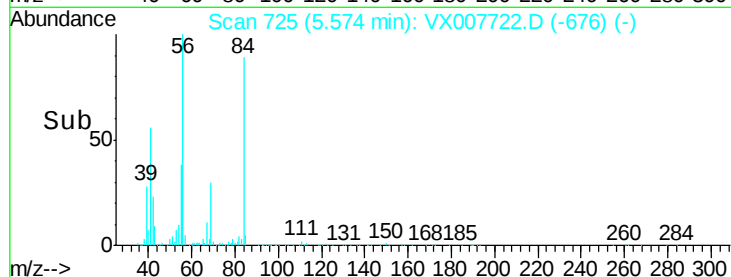
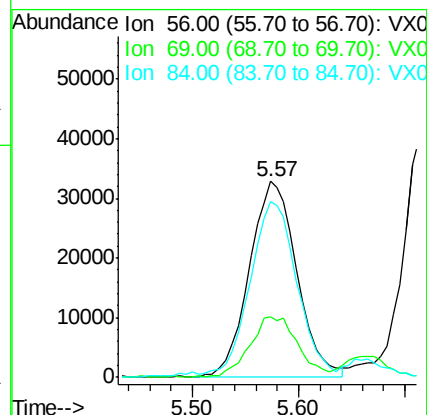
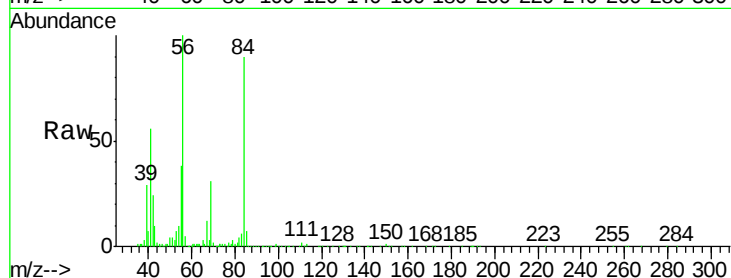
Tot Ion: 56 Resp: 102467

Ion Ratio Lower Upper

56 100

69 30.8 23.0 34.6

84 86.8 69.8 104.6



#32

1,1,1-Trichloroethane

Concen: 20.120 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

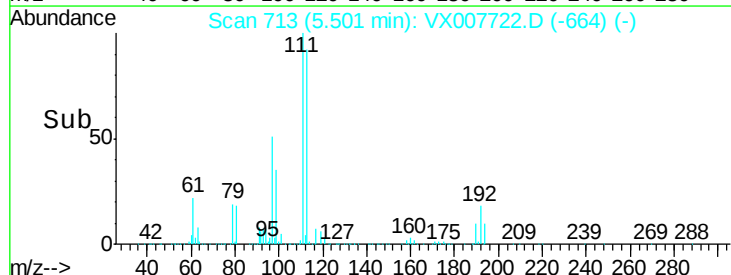
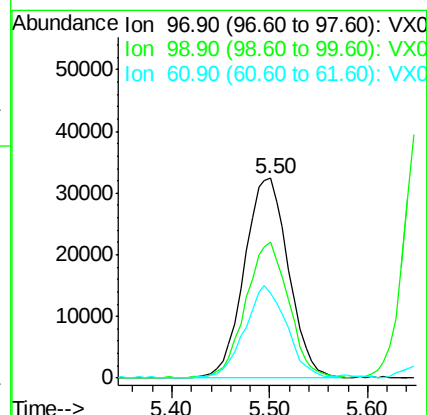
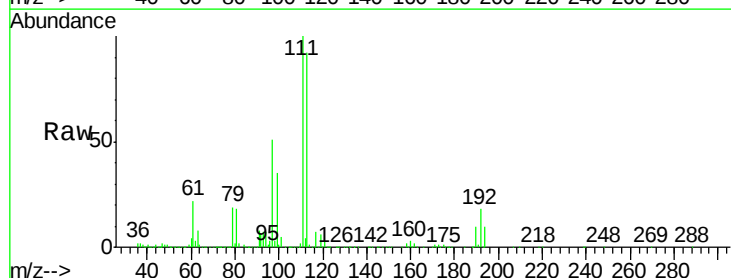
Tgt Ion: 97 Resp: 101748

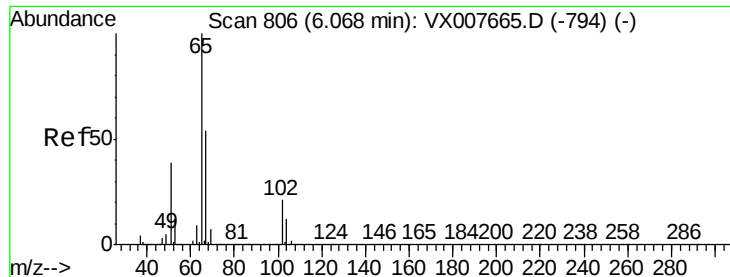
Ion Ratio Lower Upper

97 100

99 65.5 52.2 78.2

61 43.1 32.7 49.1





#33

1,2-Dichloroethane-d4

Concen: 50.221 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Instrument :

MSVOA_X

ClientSampleId :

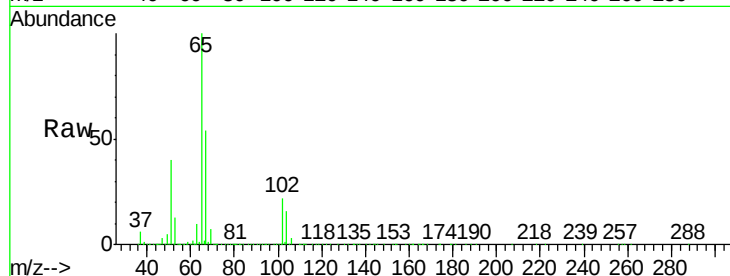
VX0226WBSD01

Tot Ion: 65 Resp: 194070

Ion Ratio Lower Upper

65 100

67 53.2 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

60000

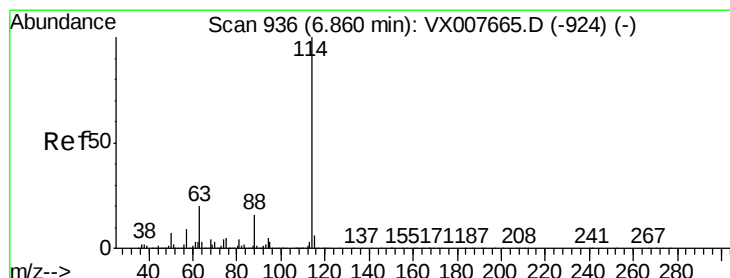
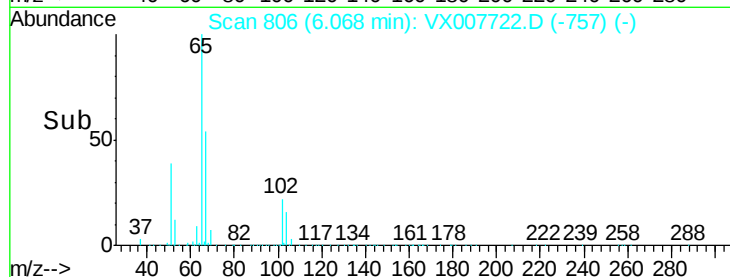
40000

20000

0

6.00 6.10 6.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

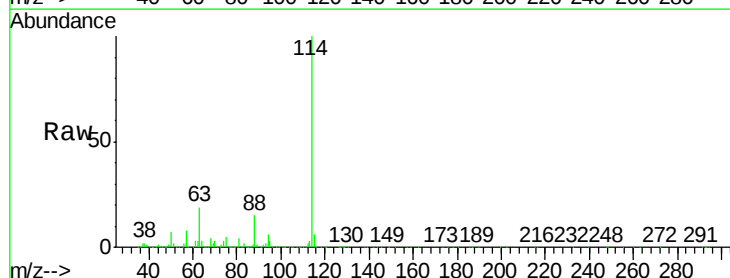
Tgt Ion: 114 Resp: 498822

Ion Ratio Lower Upper

114 100

63 18.8 0.0 35.6

88 14.7 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

6.86

250000

200000

150000

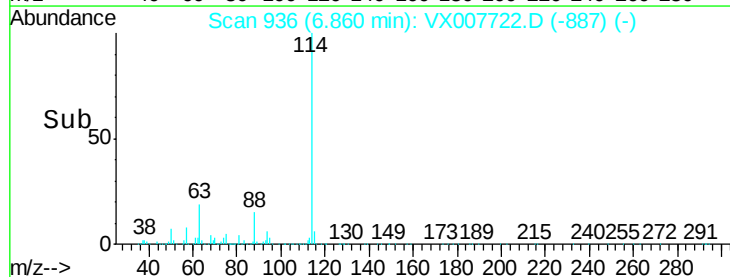
100000

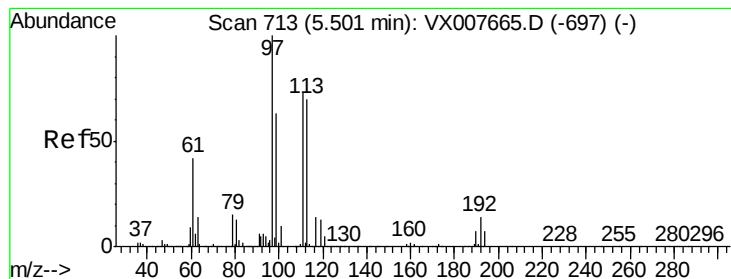
50000

0

6.70 6.80 6.90 7.00

Time-->





#35

Dibromofluoromethane

Concen: 51.481 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBSD01

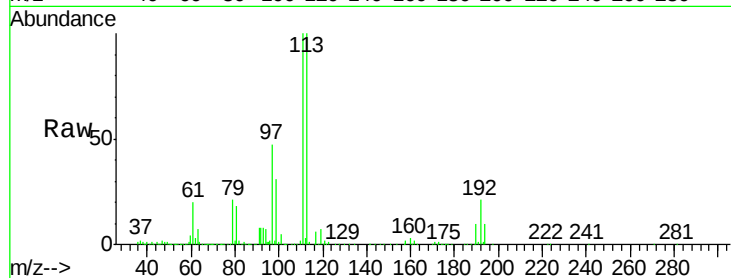
Tot Ion:113 Resp: 171662

Ion Ratio Lower Upper

113 100

111 103.4 81.8 122.8

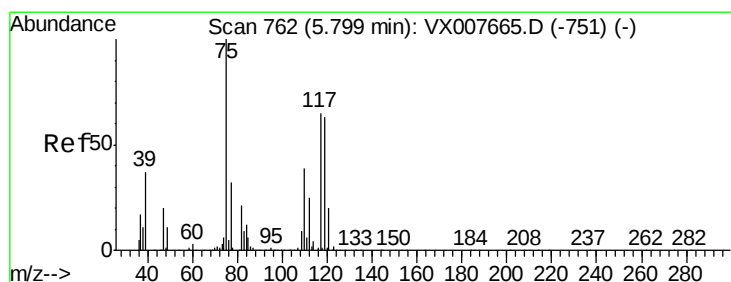
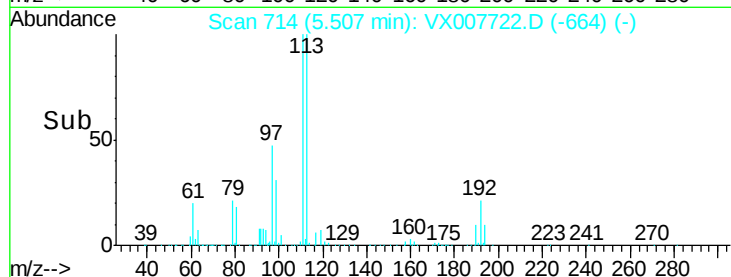
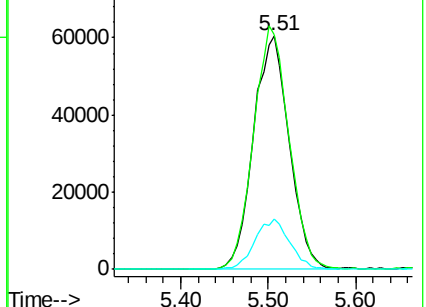
192 20.9 18.5 27.7



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: 19.631 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

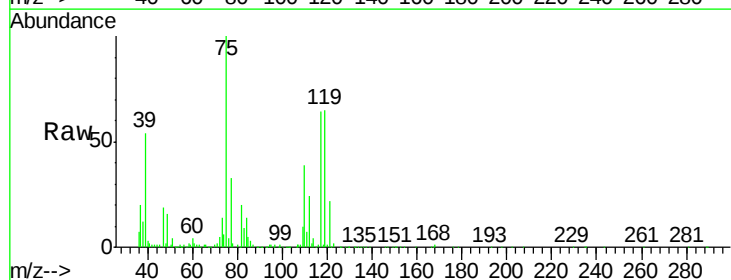
Tgt Ion: 75 Resp: 88035

Ion Ratio Lower Upper

75 100

110 39.1 20.0 59.9

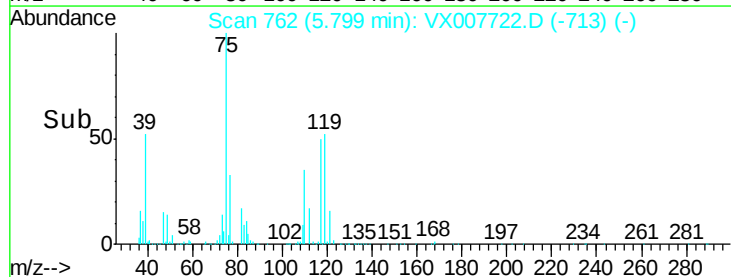
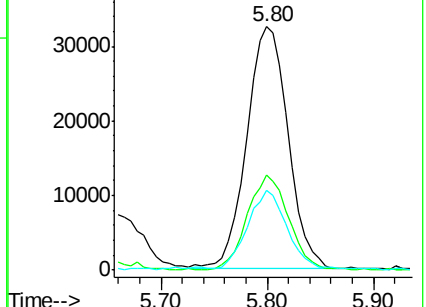
77 30.7 24.7 37.1

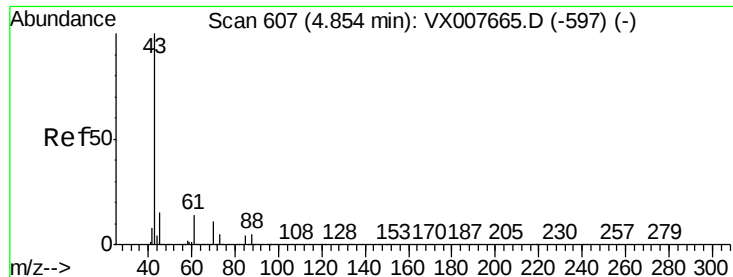


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

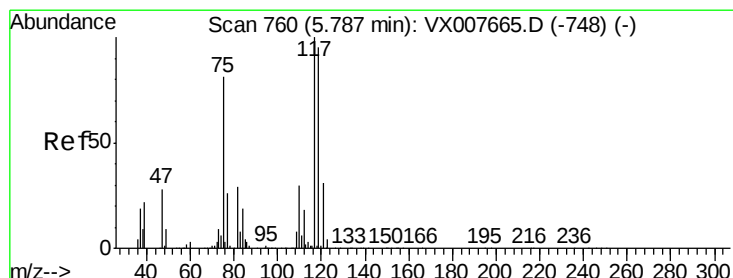
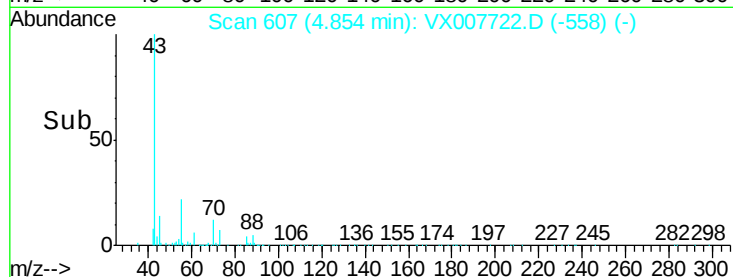
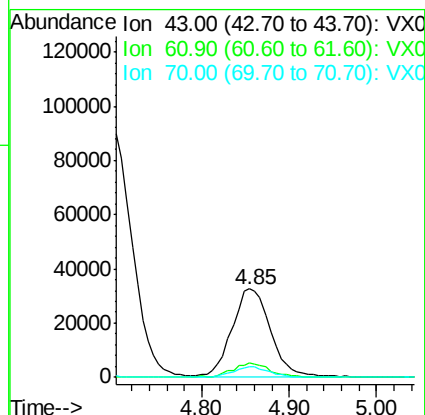
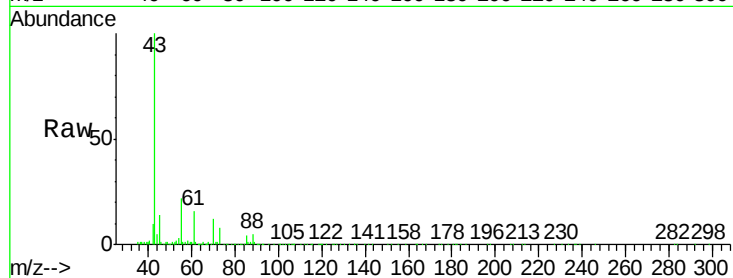




#37
Ethyl Acetate
Concen: 19.725 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007722.D
Acq: 26 Feb 2019 19:06

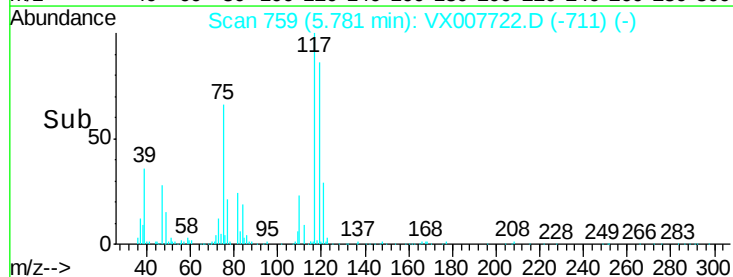
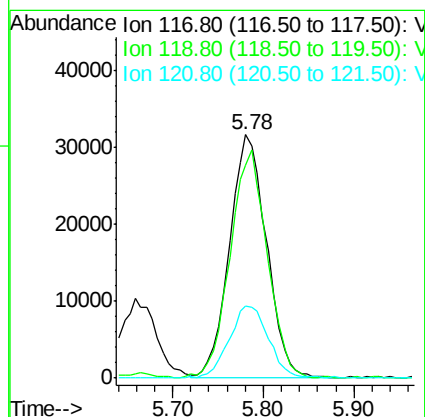
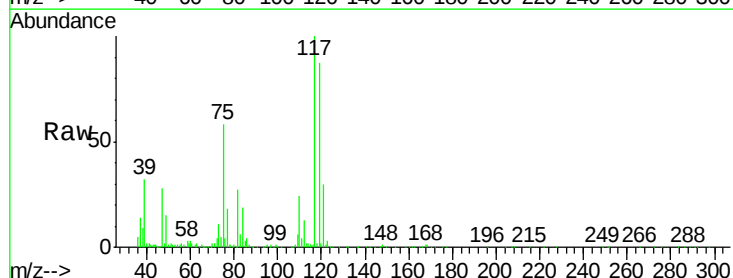
Instrument :
MSVOA_X
ClientSampleId :
VX0226WBSD01

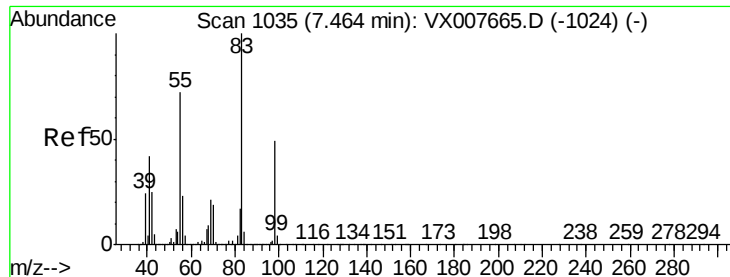
Tot Ion: 43 Resp: 98262
Ion Ratio Lower Upper
43 100
61 14.7 11.3 16.9
70 12.1 8.6 13.0



#38
Carbon Tetrachloride
Concen: 20.054 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX007722.D
Acq: 26 Feb 2019 19:06

Tgt Ion: 117 Resp: 90339
Ion Ratio Lower Upper
117 100
119 87.5 75.3 112.9
121 29.7 25.0 37.4

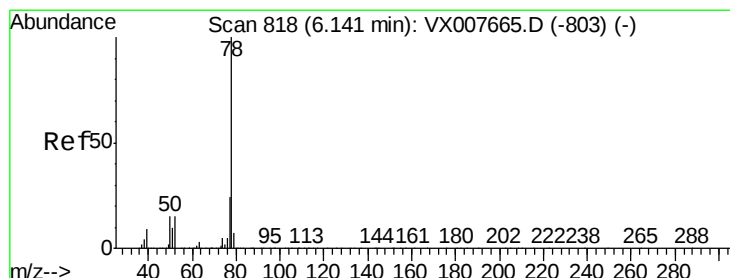
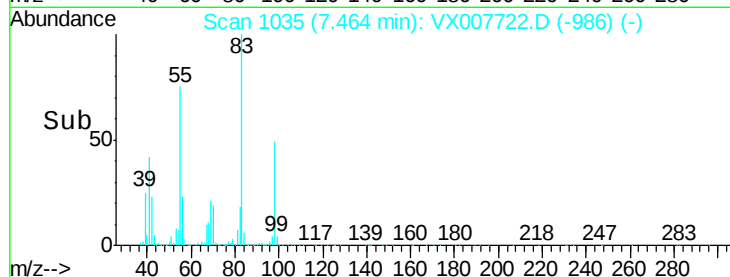
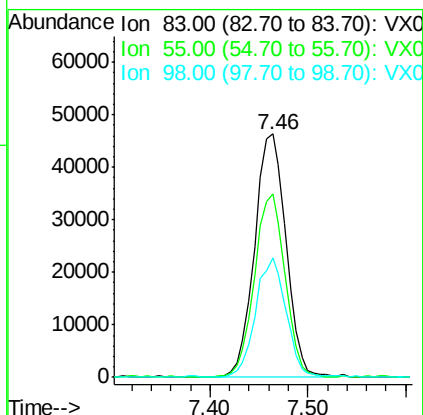
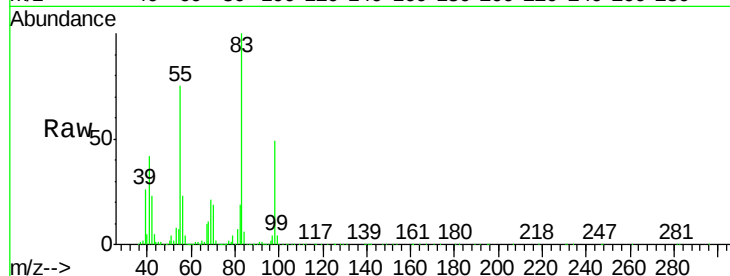




#39
Methvlcvclohexane
Concen: 18.308 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007722.D
Acq: 26 Feb 2019 19:06

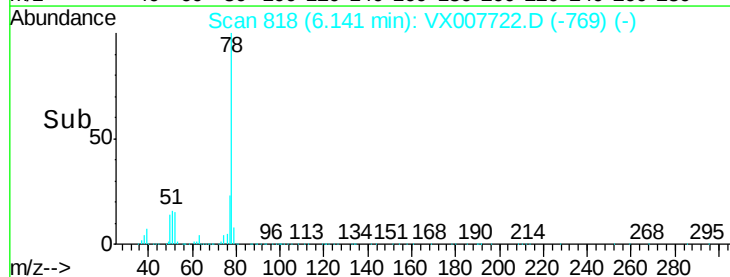
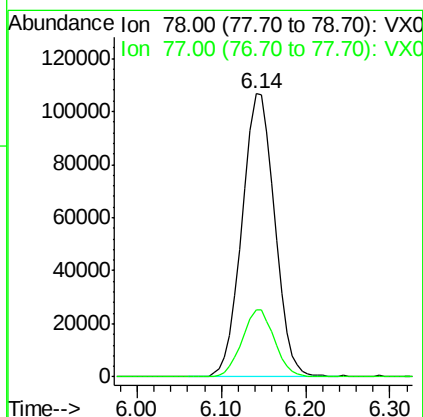
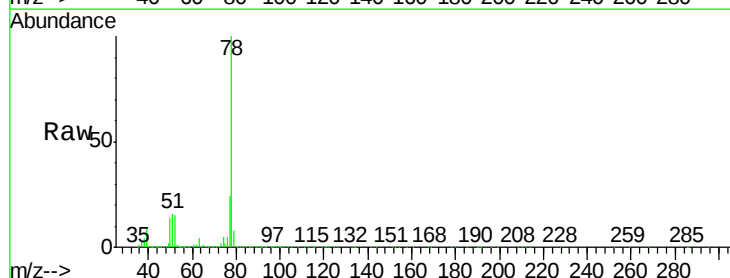
Instrument :
MSVOA_X
ClientSampleId :
VX0226WBSD01

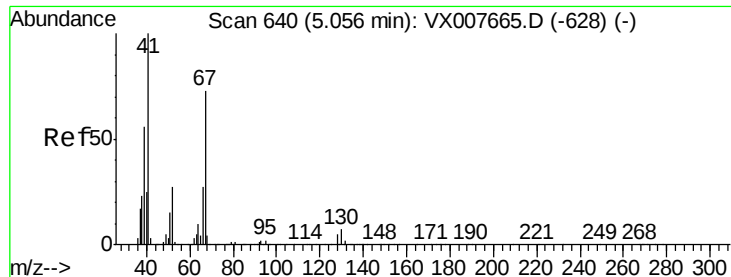
Tot Ion: 83 Resp: 103766
Ion Ratio Lower Upper
83 100
55 75.1 56.2 84.2
98 48.8 36.8 55.2



#40
Benzene
Concen: 20.209 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007722.D
Acq: 26 Feb 2019 19:06

Tgt Ion: 78 Resp: 279770
Ion Ratio Lower Upper
78 100
77 23.7 19.3 28.9

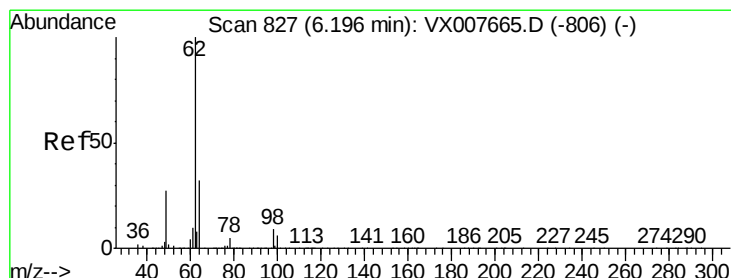
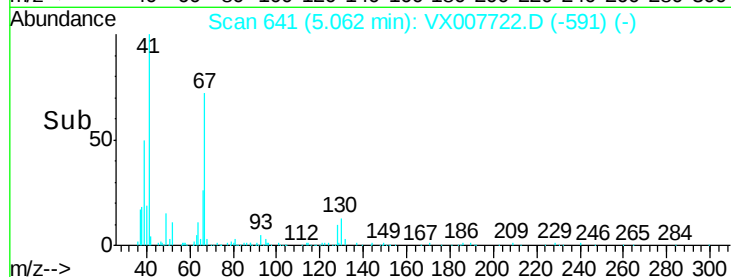
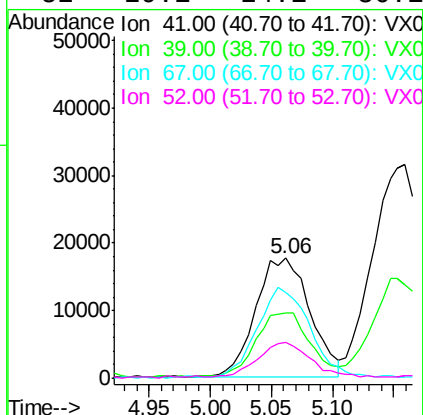
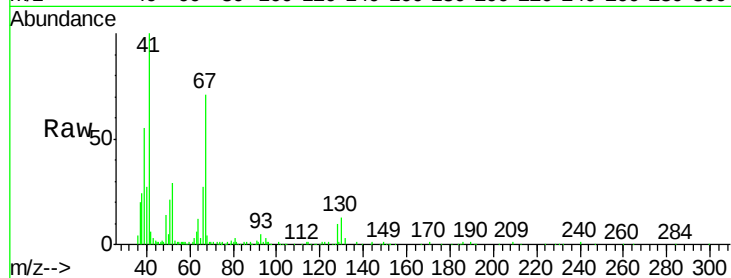




#41
Methacrylonitrile
Concen: 20.331 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX007722.D
Acq: 26 Feb 2019 19:06

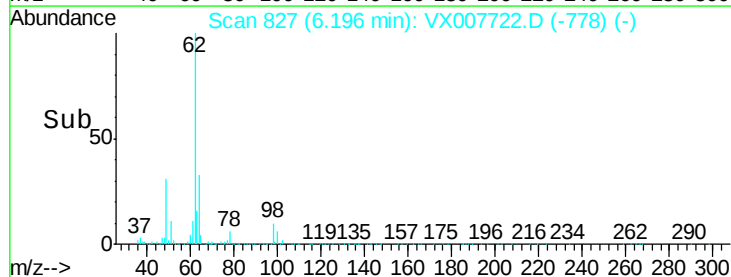
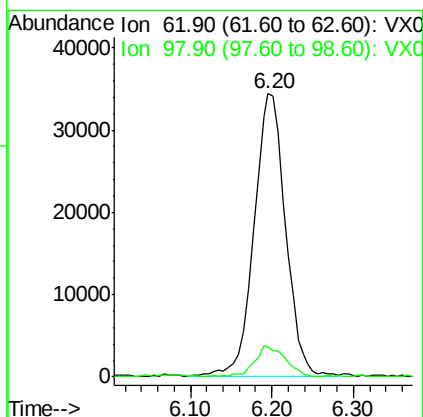
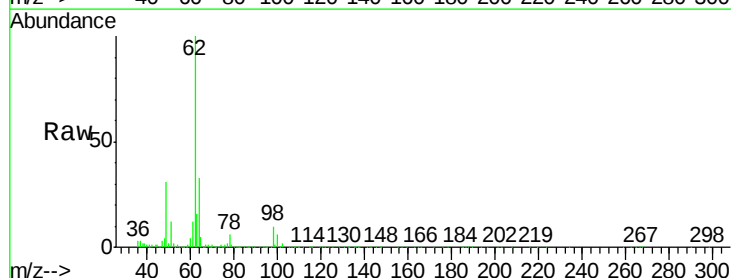
Instrument :
MSVOA_X
ClientSampleId :
VX0226WBSD01

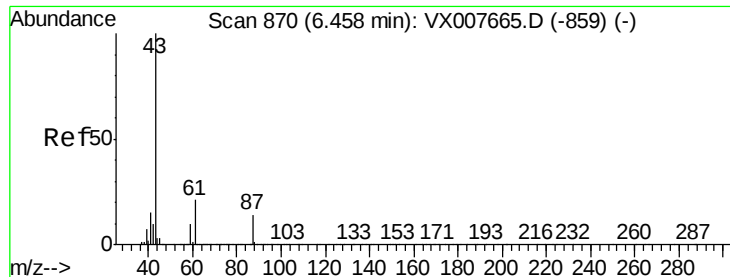
Tot Ion:	41	Resp:	54083
Ion	Ratio	Lower	Upper
41	100		
39	54.4	44.5	66.7
67	74.2	60.4	90.6
52	29.1	24.1	36.1



#42
1,2-Dichloroethane
Concen: 20.062 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007722.D
Acq: 26 Feb 2019 19:06

Tgt Ion:	62	Resp:	93347
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	19.0



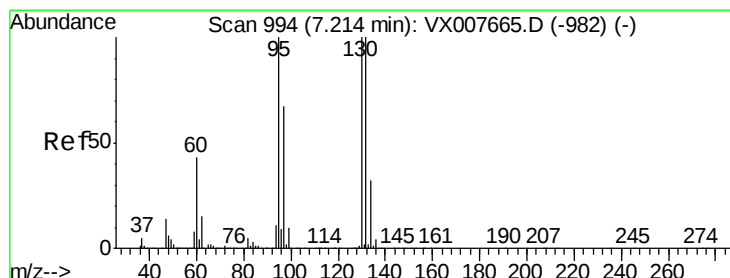
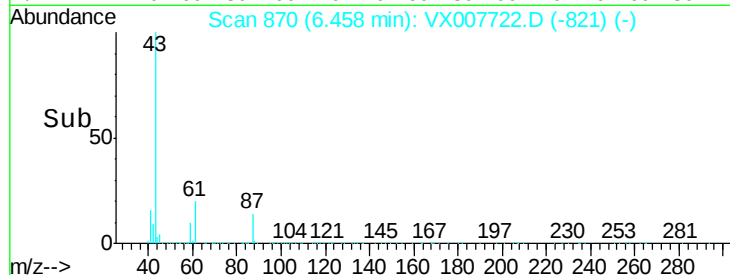
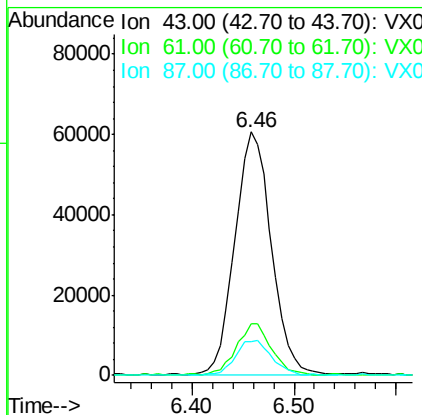
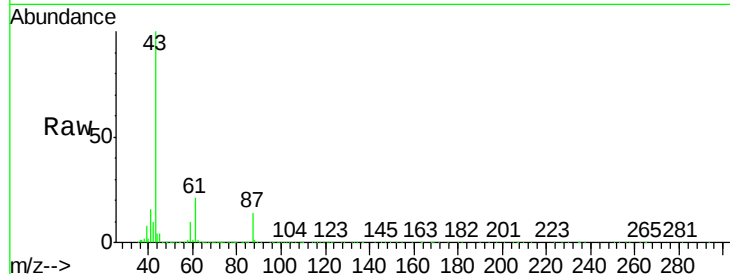


#43

Isopropyl Acetate
 Concen: 19.496 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX007722.D
 Acq: 26 Feb 2019 19:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0226WBSD01

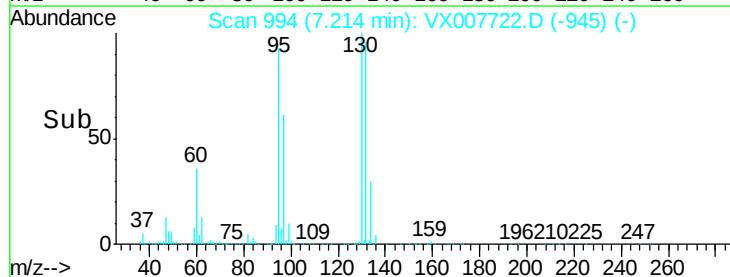
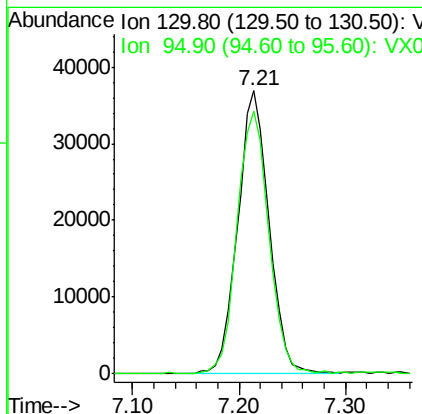
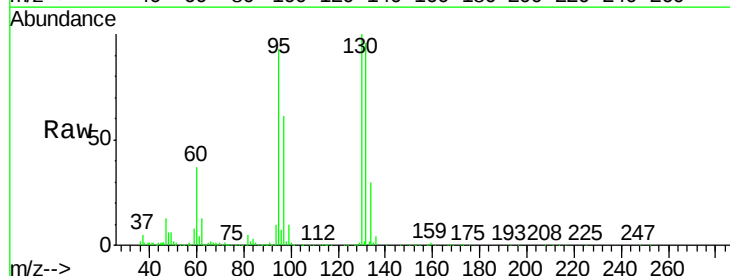
Tot Ion	43	Resp	149475
Ion Ratio	Lower	Upper	
43	100		
61	20.4	16.1	24.1
87	14.3	11.5	17.3

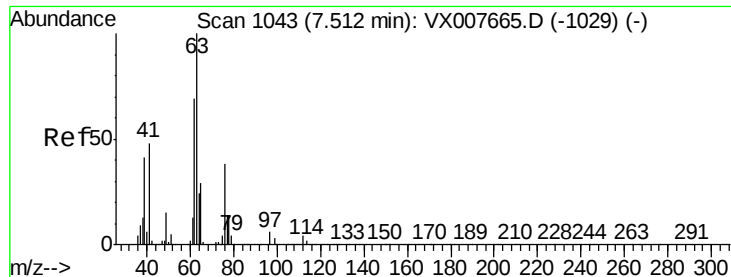


#44

Trichloroethene
 Concen: 20.044 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX007722.D
 Acq: 26 Feb 2019 19:06

Tgt Ion	130	Resp	76334
Ion Ratio	Lower	Upper	
130	100		
95	92.7	0.0	180.0





#45

1,2-Dichloropropane

Concen: 19.858 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Instrument :

MSVOA_X

ClientSampleId :

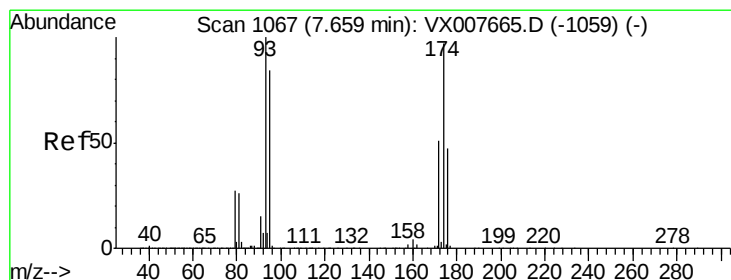
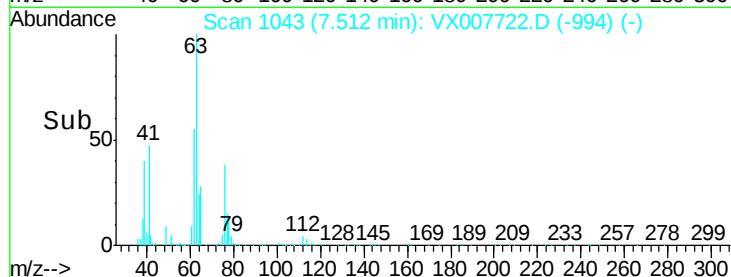
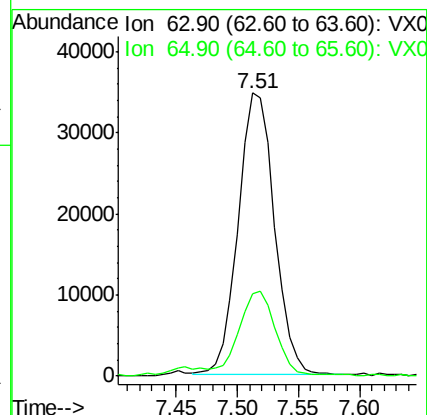
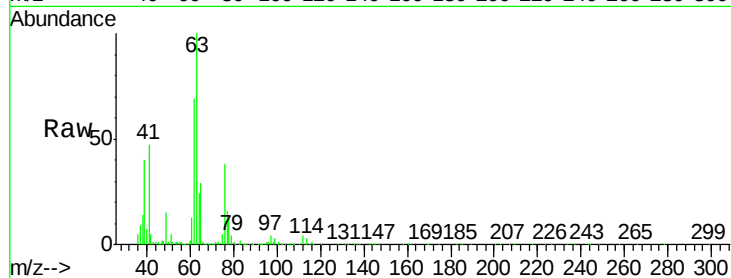
VX0226WBSD01

Tot Ion: 63 Resp: 71213

Ion Ratio Lower Upper

63 100

65 28.8 24.2 36.2



#46

Dibromomethane

Concen: 19.529 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

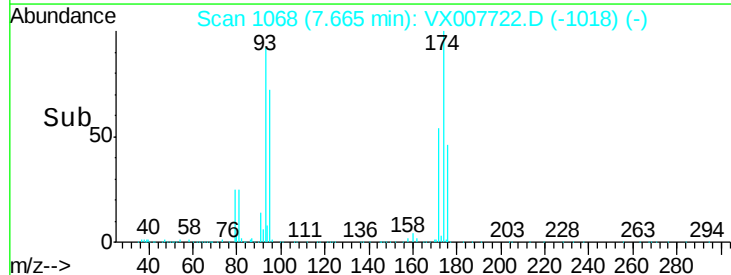
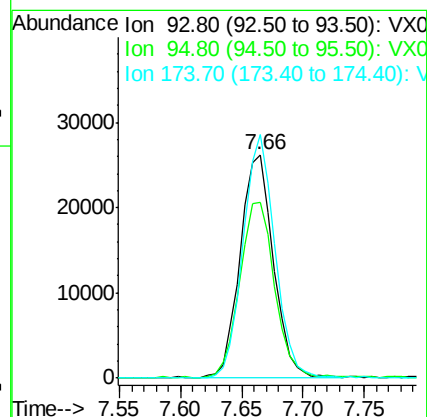
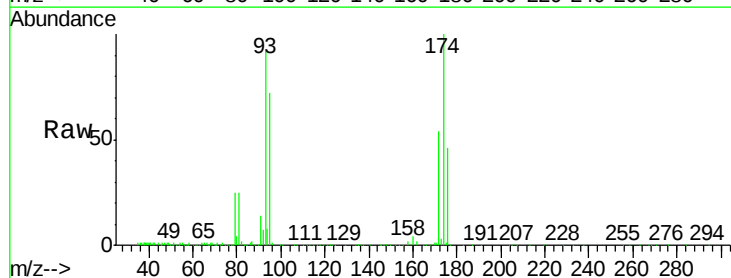
Tgt Ion: 93 Resp: 48858

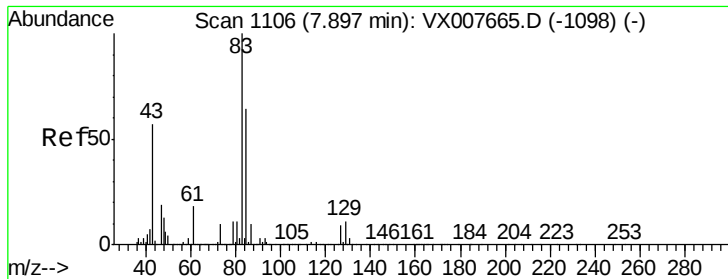
Ion Ratio Lower Upper

93 100

95 84.4 67.6 101.4

174 105.7 94.2 141.4





#47

Bromodichloromethane

Concen: 20.567 ug/l

RT: 7.90 min Scan# 1106

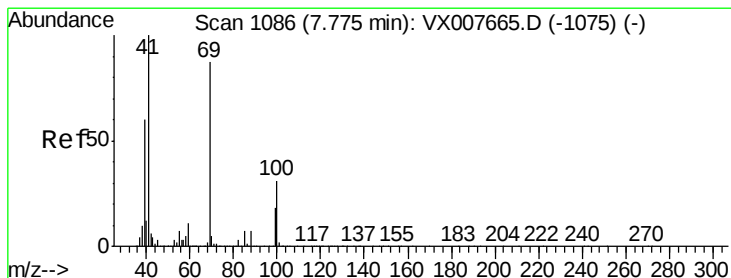
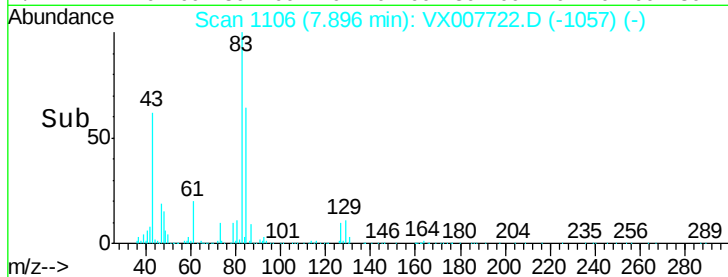
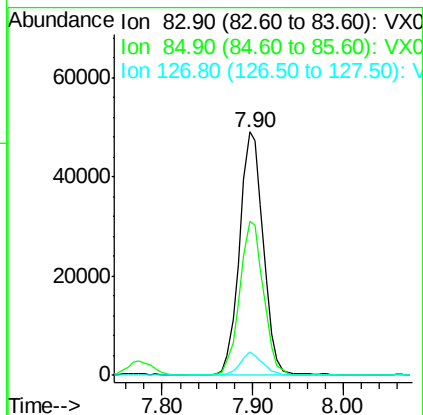
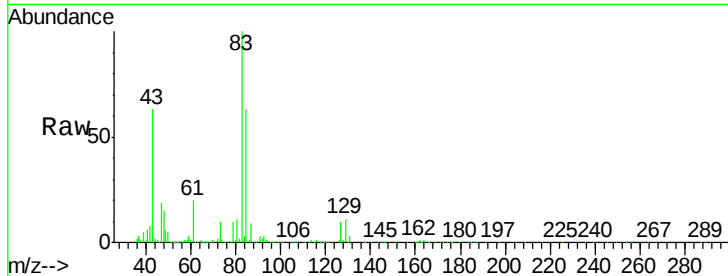
Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Instrument :
MSVOA_X
ClientSampleId :
VX0226WBSD01

Tot Ion:	83	Resp:	89167
Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.4	77.0
127	9.6	8.1	12.1



#48

Methyl methacrylate

Concen: 19.385 ug/l

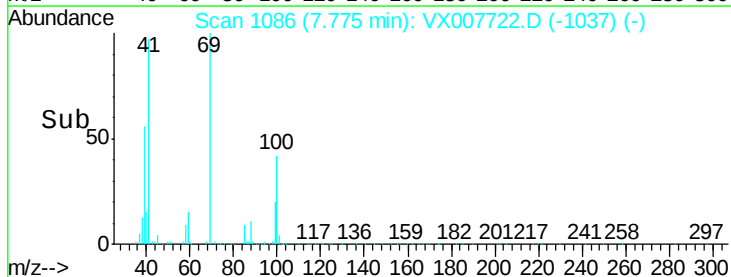
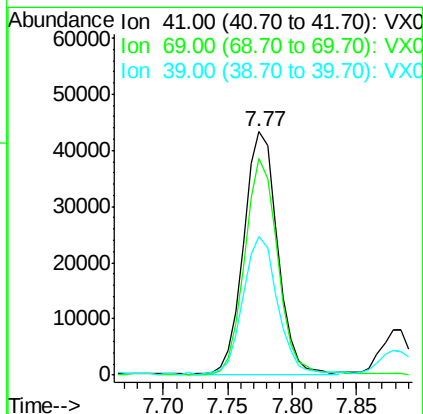
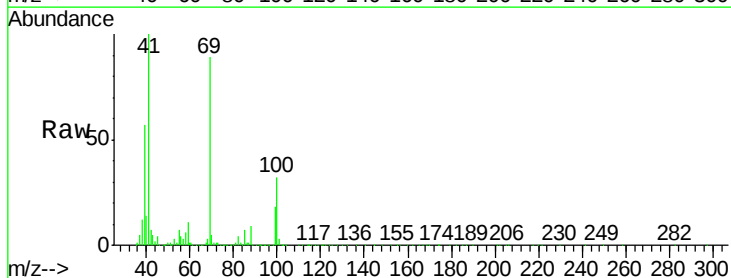
RT: 7.77 min Scan# 1086

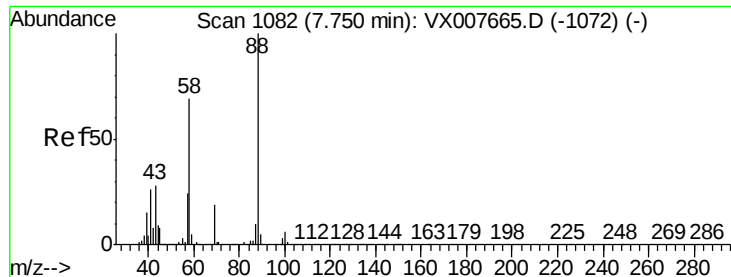
Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Tgt Ion:	41	Resp:	77907
Ion	Ratio	Lower	Upper
41	100		
69	87.6	70.2	105.4
39	59.5	47.4	71.0





#49

1,4-Dioxane

Concen: 395.820 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBSD01

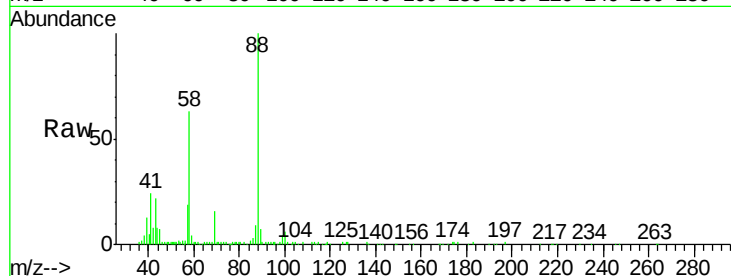
Tot Ion: 88 Resp: 34358

Ion	Ratio	Lower	Upper
88	100		
43	32.1	24.2	36.4
58	65.9	53.0	79.4

88 100

43 32.1 24.2 36.4

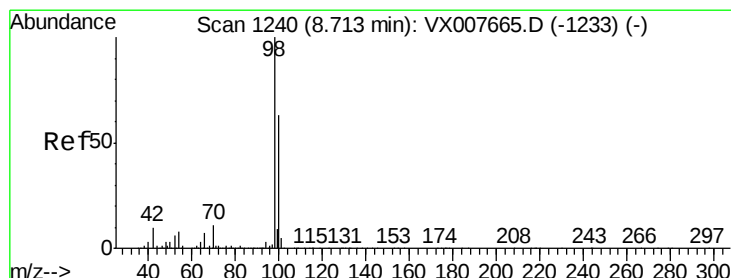
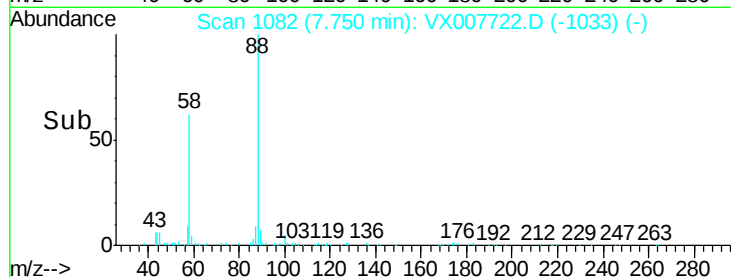
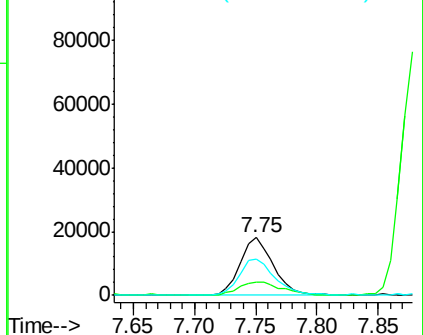
58 65.9 53.0 79.4



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.828 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007722.D

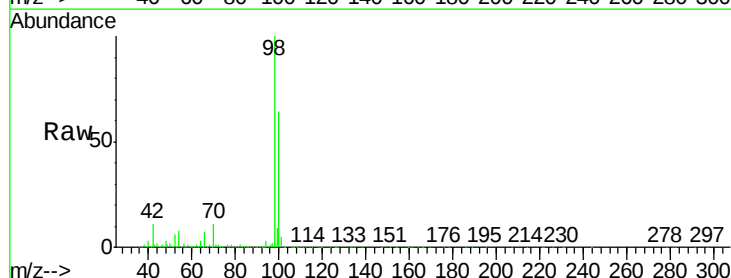
Acq: 26 Feb 2019 19:06

Tgt Ion: 98 Resp: 648851

Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.6	77.4

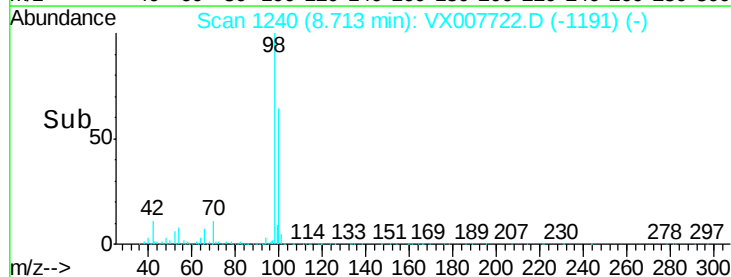
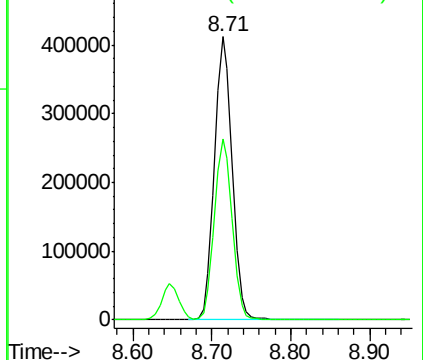
98 100

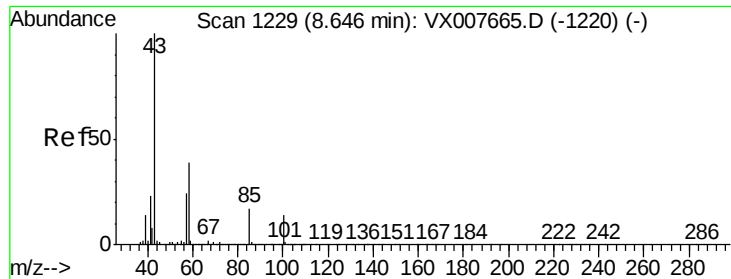
100 64.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 102.748 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Instrument :

MSVOA_X

ClientSampleId :

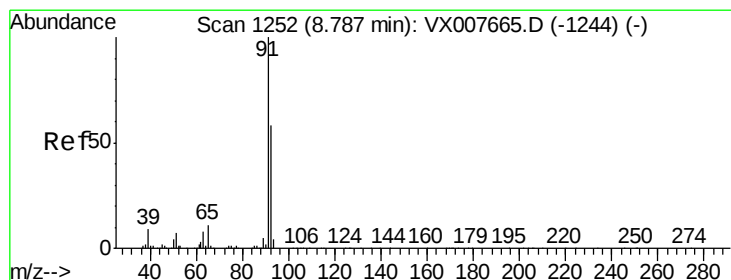
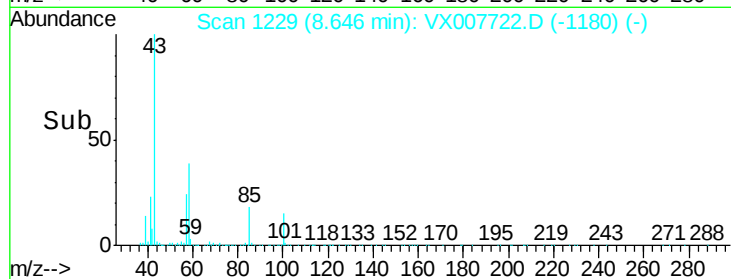
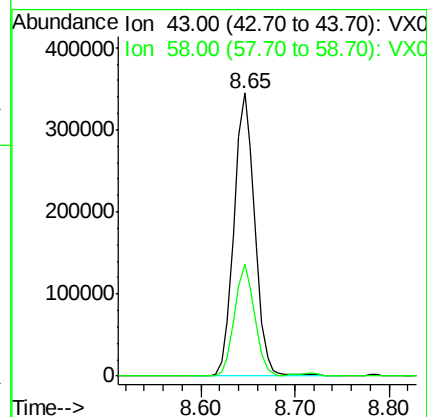
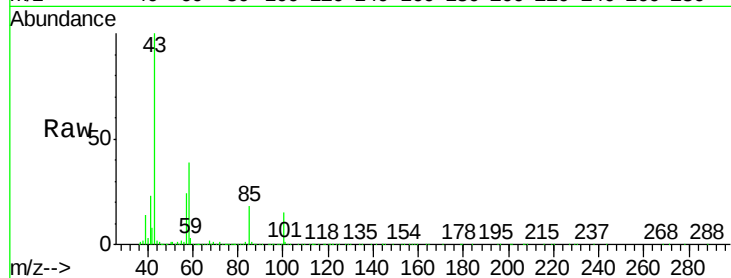
VX0226WBSD01

Tot Ion: 43 Resp: 527317

Ion Ratio Lower Upper

43 100

58 38.4 31.2 46.8



#52

Toluene

Concen: 20.309 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007722.D

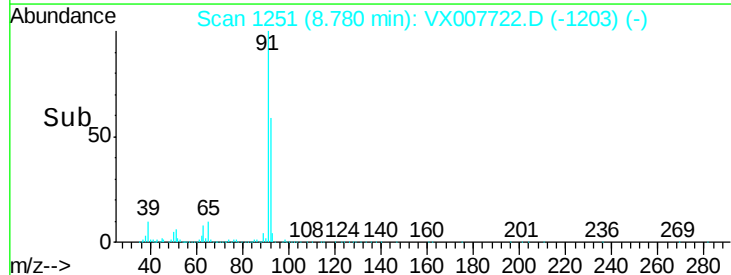
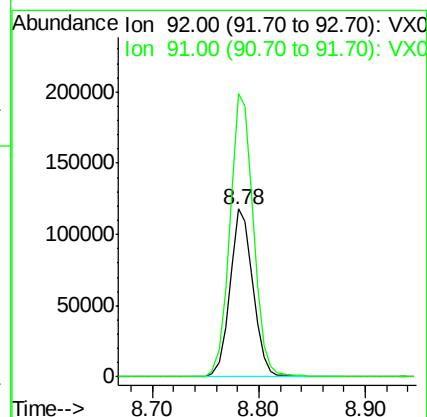
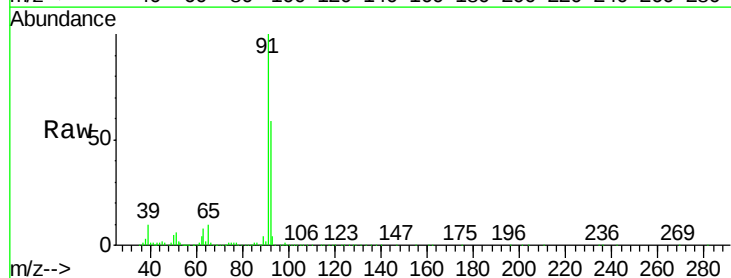
Acq: 26 Feb 2019 19:06

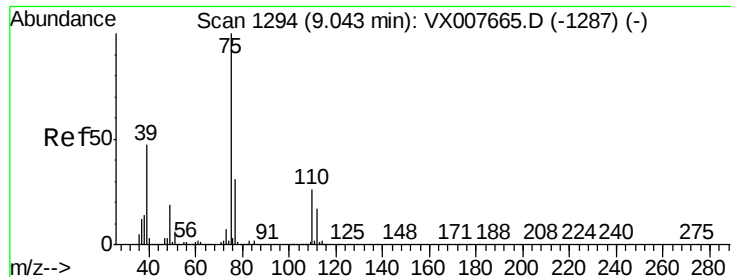
Tgt Ion: 92 Resp: 177289

Ion Ratio Lower Upper

92 100

91 172.7 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 18.281 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Instrument :

MSVOA_X

ClientSampleId :

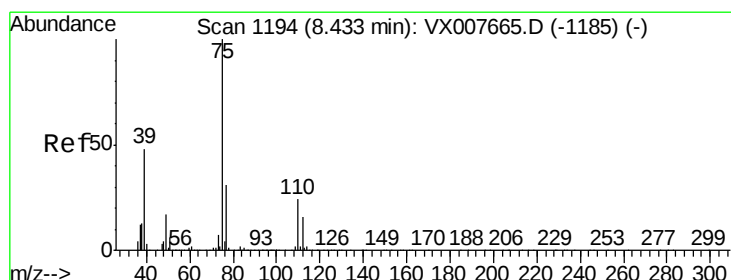
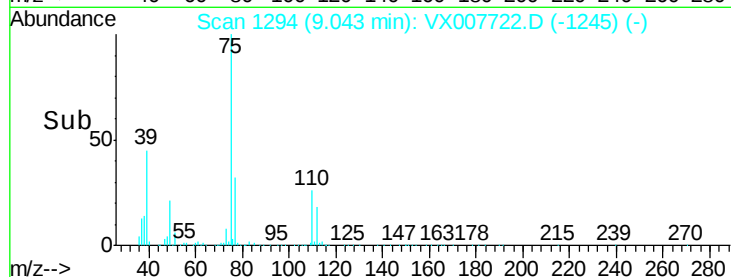
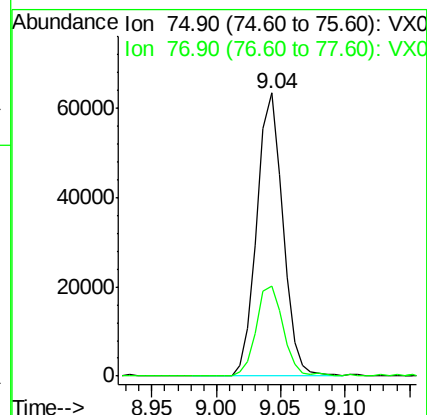
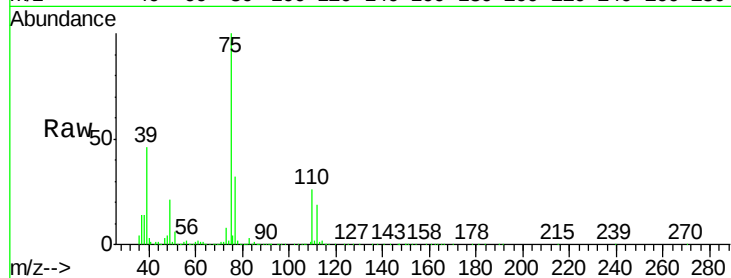
VX0226WBSD01

Tot Ion: 75 Resp: 88383

Ion Ratio Lower Upper

75 100

77 31.8 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 19.077 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

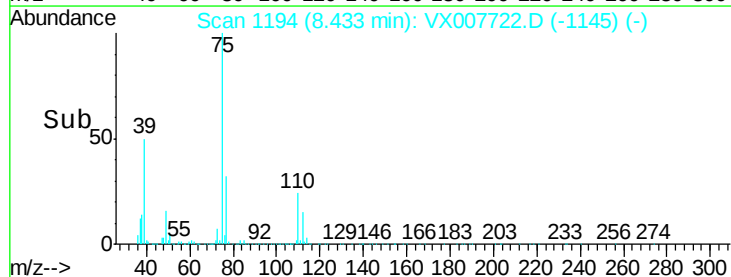
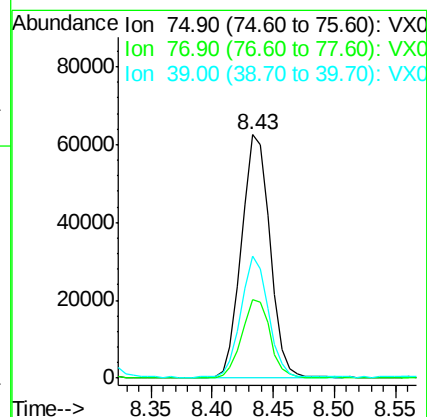
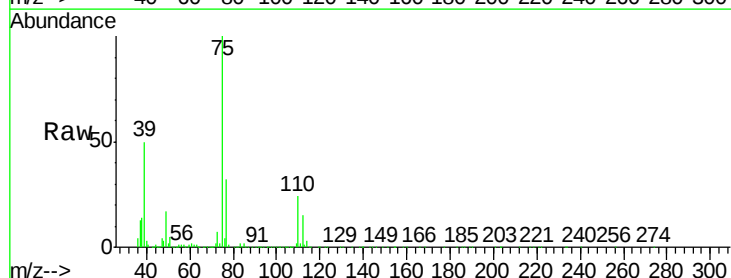
Tgt Ion: 75 Resp: 100369

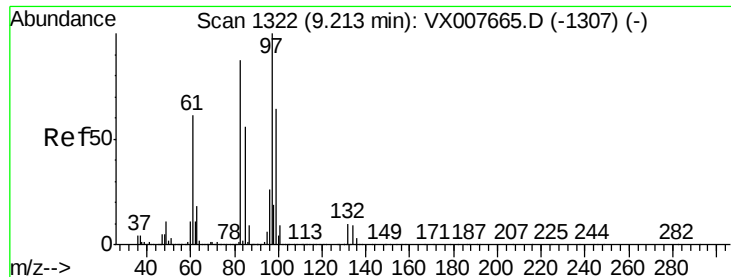
Ion Ratio Lower Upper

75 100

77 32.3 26.2 39.4

39 49.7 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 20.698 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBSD01

Tot Ion: 97 Resp: 75348

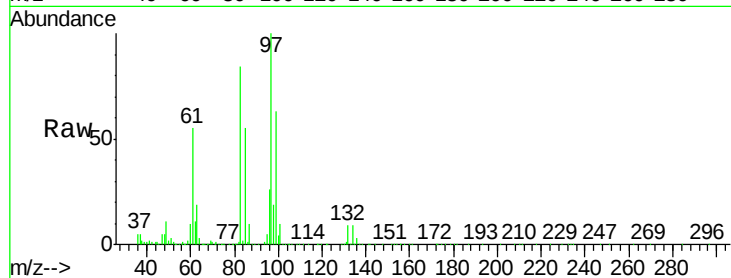
Ion Ratio Lower Upper

97 100

83 84.2 68.6 102.8

85 54.8 44.5 66.7

99 62.9 52.2 78.4

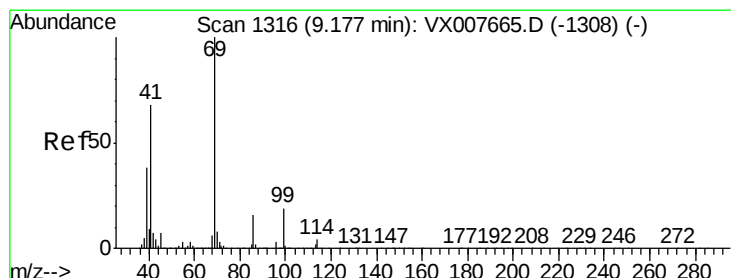
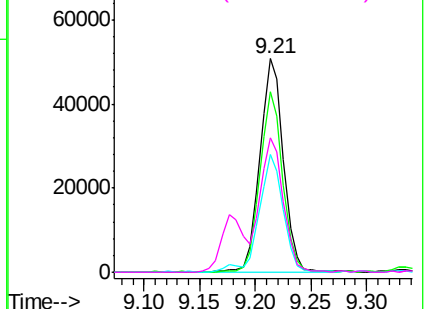
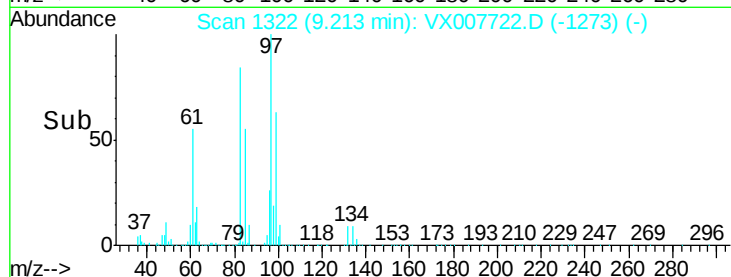


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 20.082 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

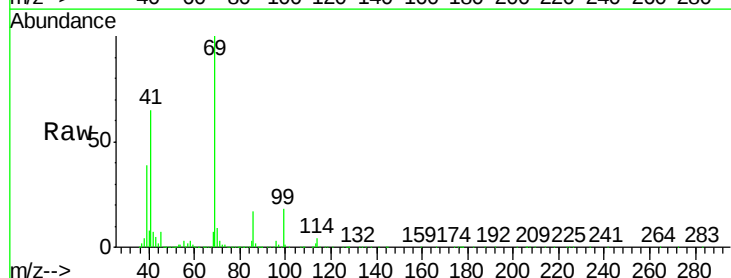
Tgt Ion: 69 Resp: 103959

Ion Ratio Lower Upper

69 100

41 64.1 52.1 78.1

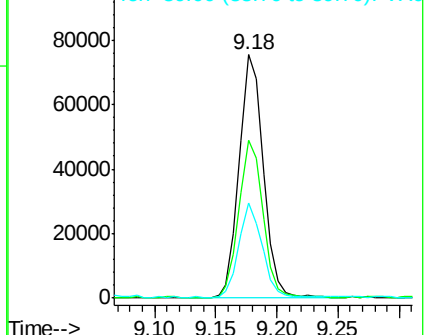
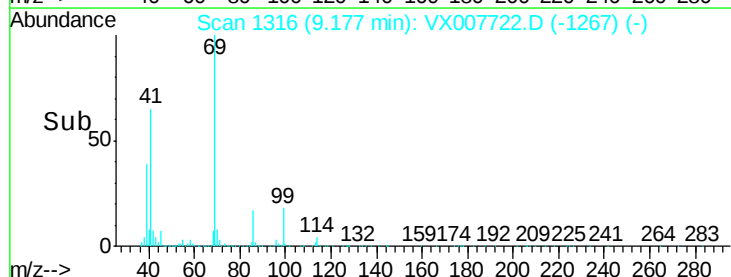
39 37.2 30.1 45.1

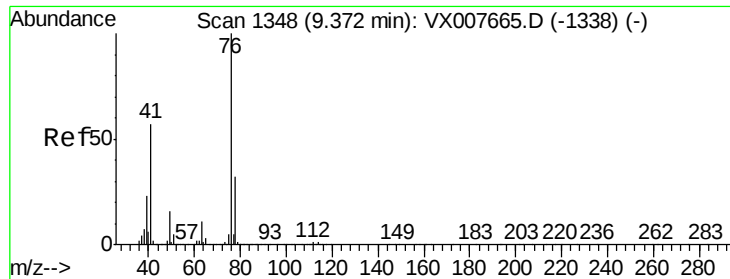


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.785 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Instrument :

MSVOA_X

ClientSampleId :

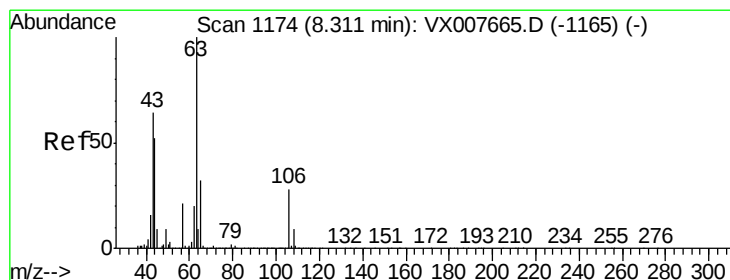
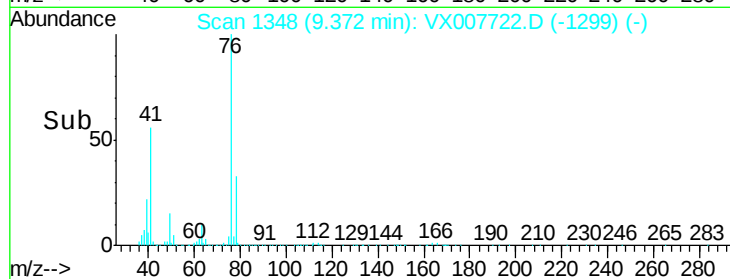
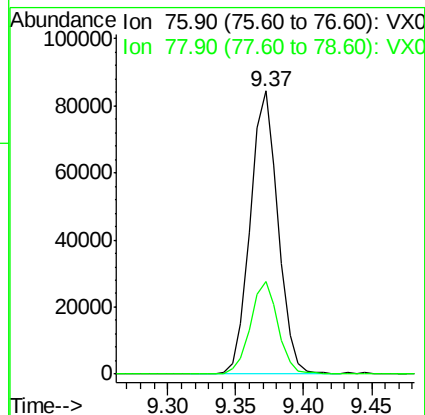
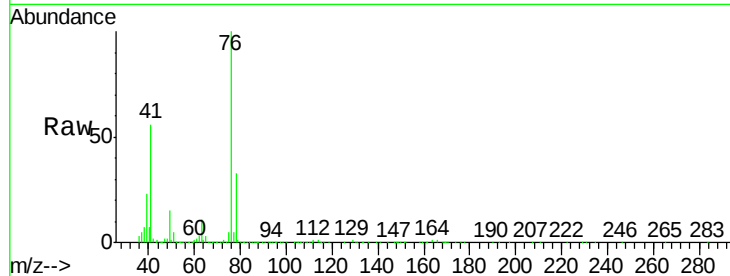
VX0226WBSD01

Tot Ion: 76 Resp: 121122

Ion Ratio Lower Upper

76 100

78 32.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 103.235 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007722.D

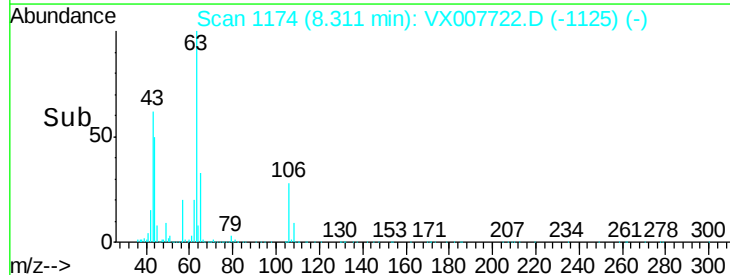
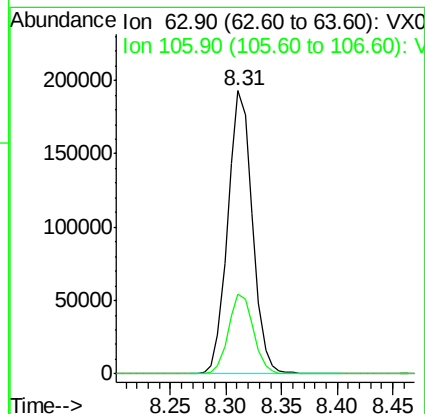
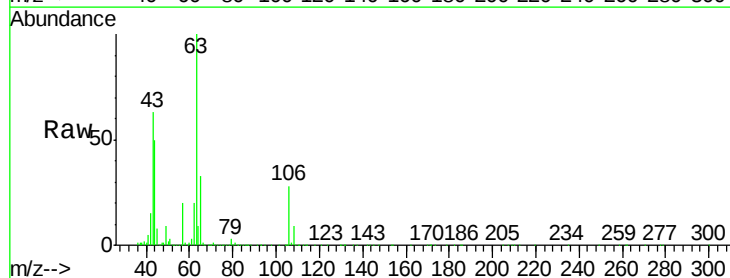
Acq: 26 Feb 2019 19:06

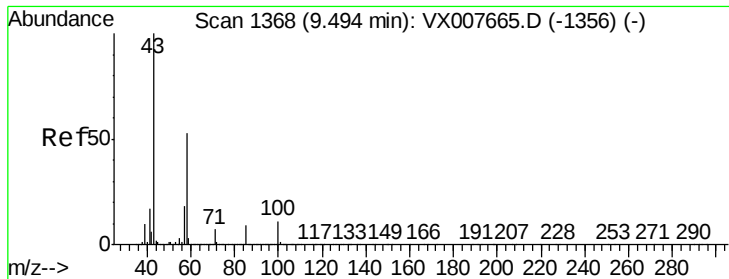
Tgt Ion: 63 Resp: 294706

Ion Ratio Lower Upper

63 100

106 28.7 23.6 35.4

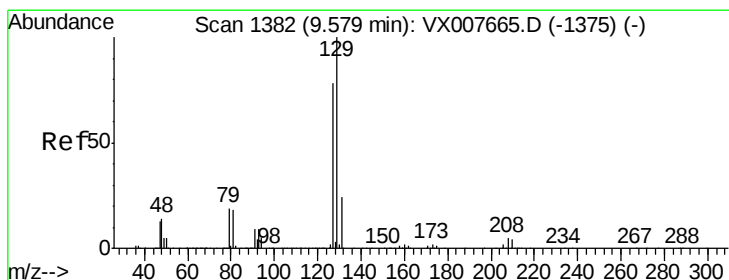
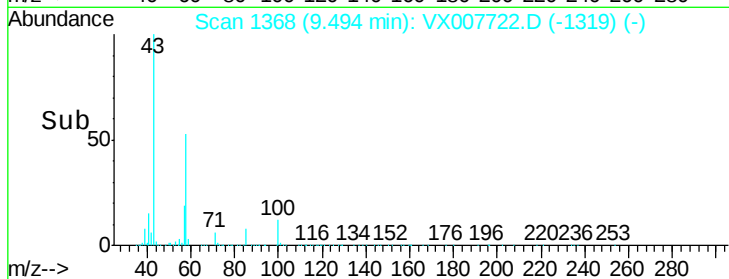
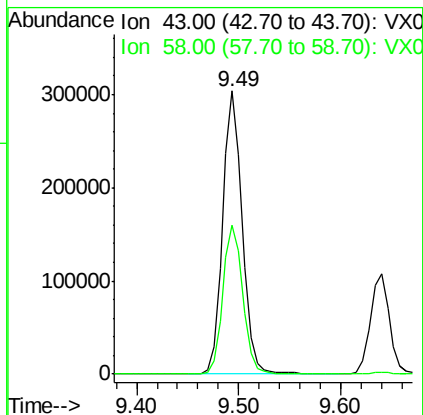
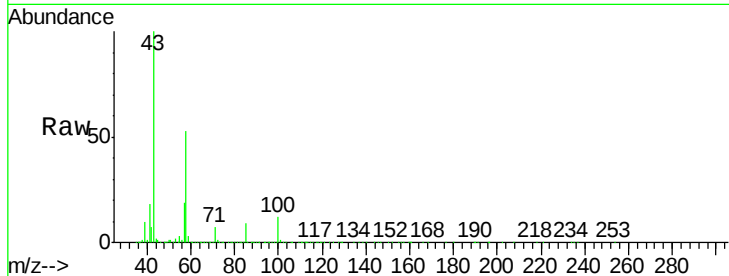




#59
2-Hexanone
Concen: 100.168 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007722.D
Acq: 26 Feb 2019 19:06

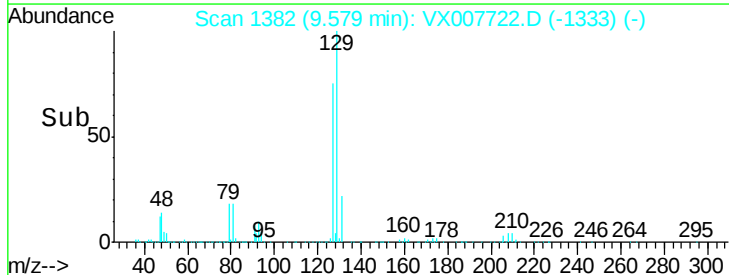
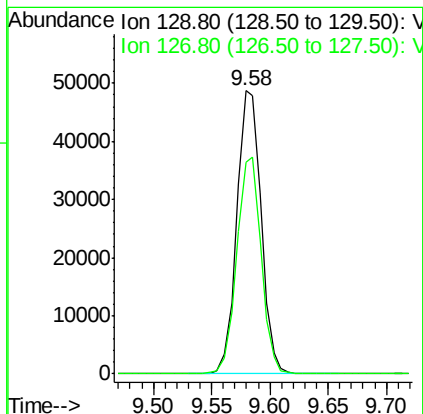
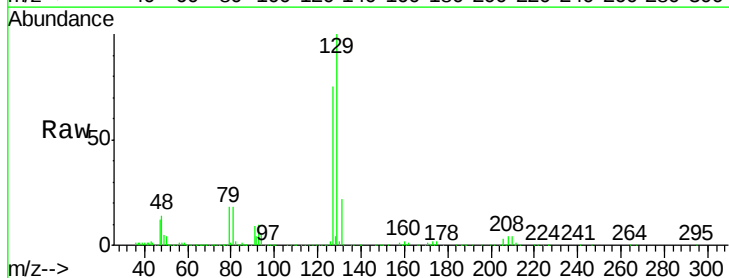
Instrument :
MSVOA_X
ClientSampleId :
VX0226WBSD01

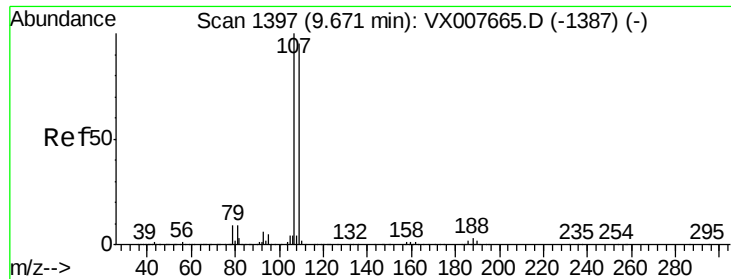
Tot Ion: 43 Resp: 403598
Ion Ratio Lower Upper
43 100
58 53.9 27.1 81.3



#60
Dibromochloromethane
Concen: 20.317 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX007722.D
Acq: 26 Feb 2019 19:06

Tgt Ion: 129 Resp: 71165
Ion Ratio Lower Upper
129 100
127 76.6 37.8 113.4

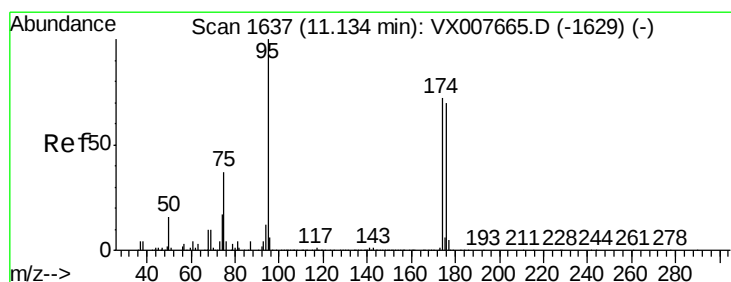
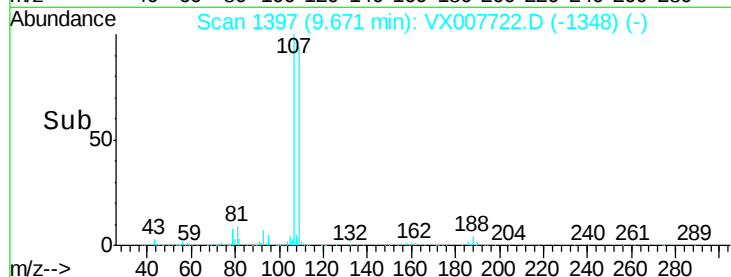
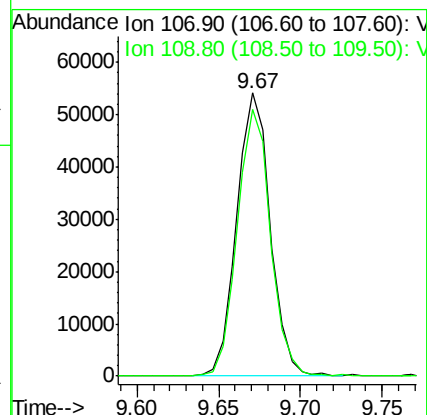
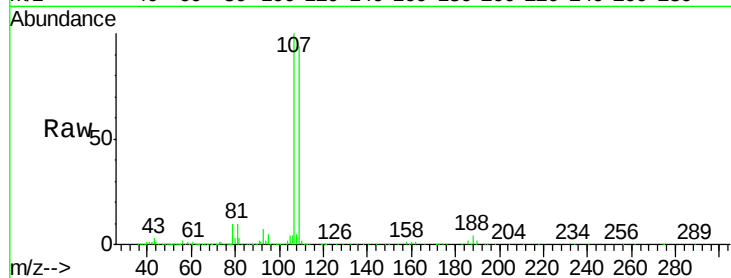




#61
 1,2-Dibromoethane
 Concen: 20.450 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX007722.D
 Acq: 26 Feb 2019 19:06

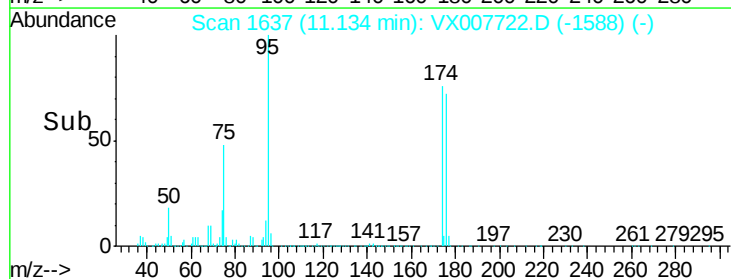
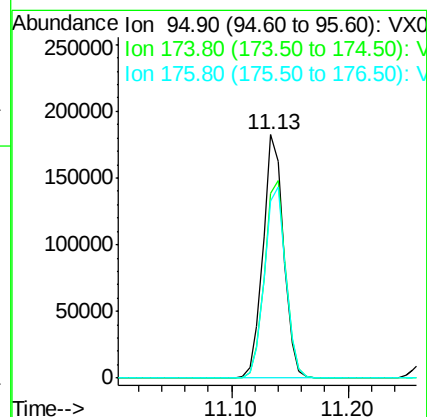
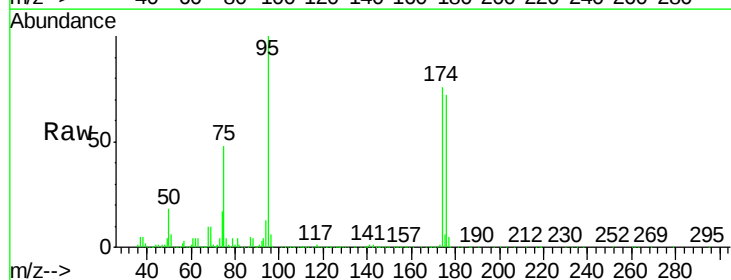
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0226WBSD01

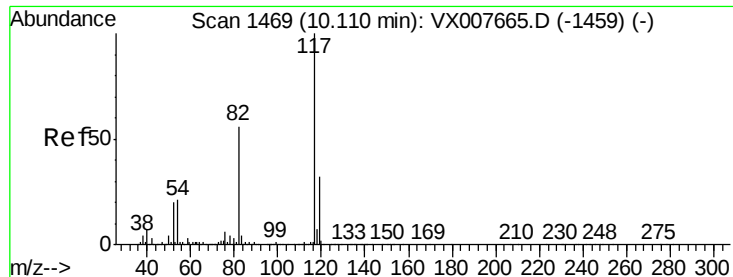
Tot Ion:107 Resp: 77290
 Ion Ratio Lower Upper
 107 100
 109 93.1 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 48.238 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX007722.D
 Acq: 26 Feb 2019 19:06

Tgt Ion: 95 Resp: 226017
 Ion Ratio Lower Upper
 95 100
 174 83.9 0.0 189.2
 176 81.5 0.0 186.2

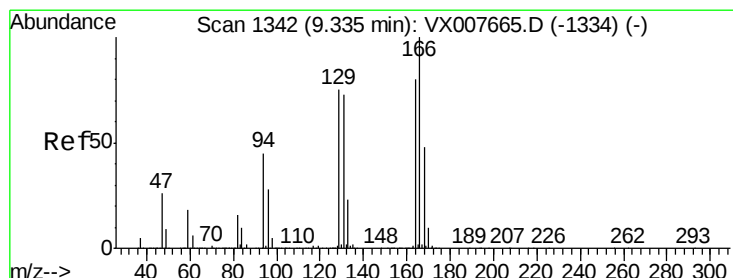
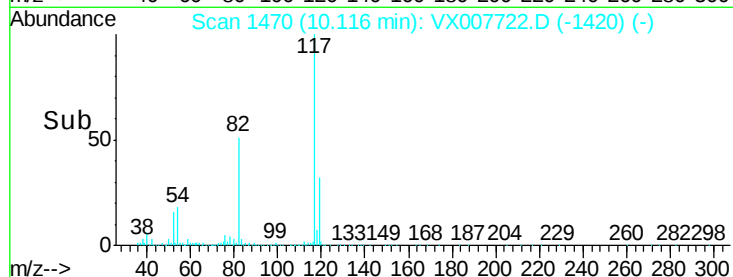
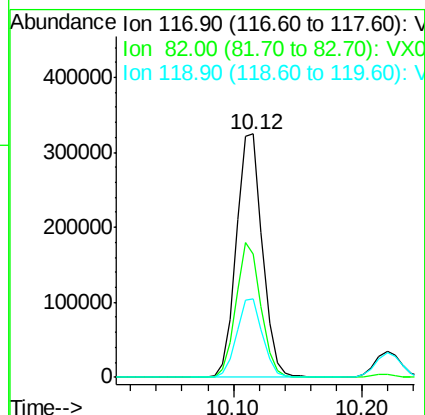
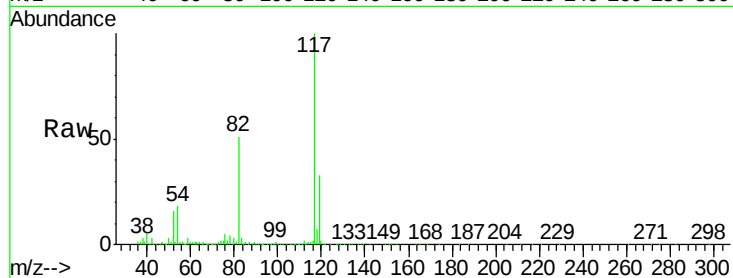




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007722.D
Acq: 26 Feb 2019 19:06

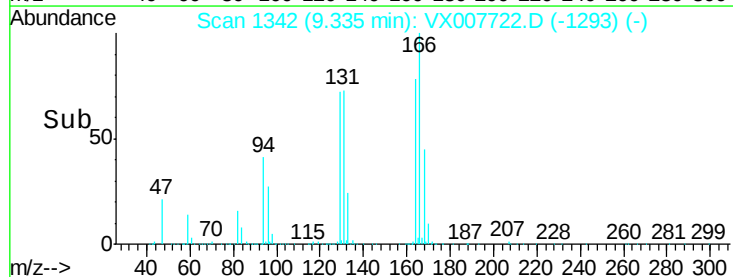
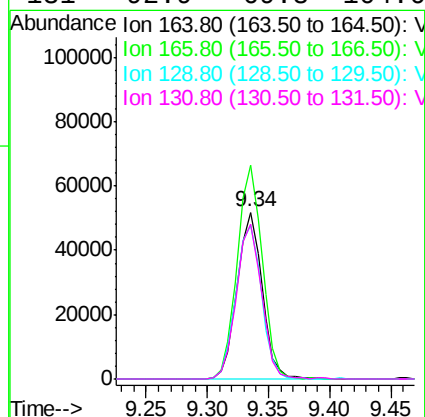
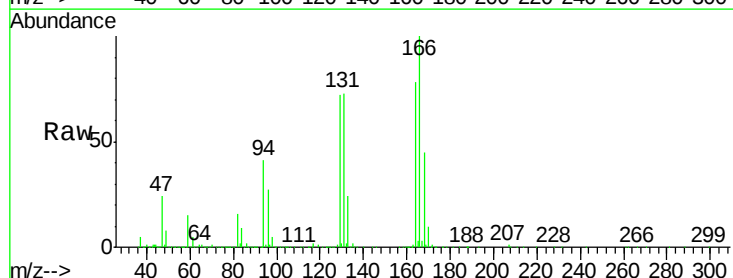
Instrument :
MSVOA_X
ClientSampleId :
VX0226WBSD01

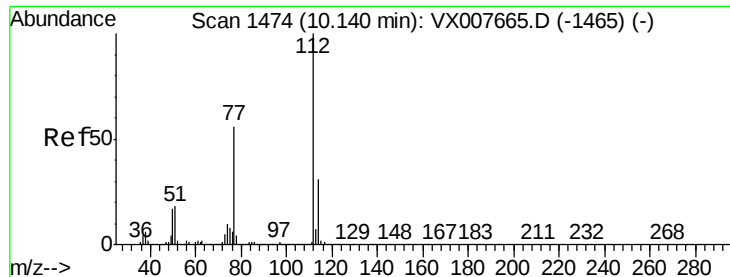
Tot Ion:117 Resp: 457313
Ion Ratio Lower Upper
117 100
82 50.6 42.1 63.1
119 32.5 26.5 39.7



#64
Tetrachloroethene
Concen: 19.659 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007722.D
Acq: 26 Feb 2019 19:06

Tgt Ion:164 Resp: 72985
Ion Ratio Lower Upper
164 100
166 128.2 101.0 151.4
129 91.7 70.5 105.7
131 92.9 69.8 104.6





#65

Chlorobenzene

Concen: 19.772 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Instrument :

MSVOA_X

ClientSampleId :

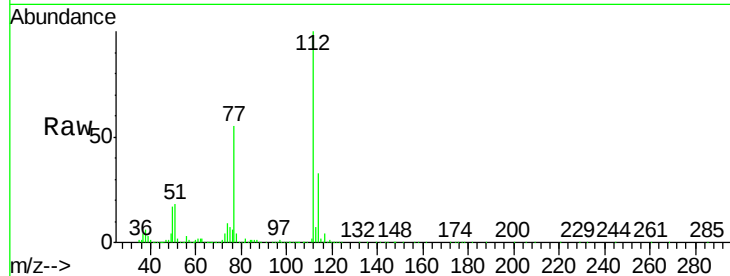
VX0226WBSD01

Tot Ion:112 Resp: 195556

Ion Ratio Lower Upper

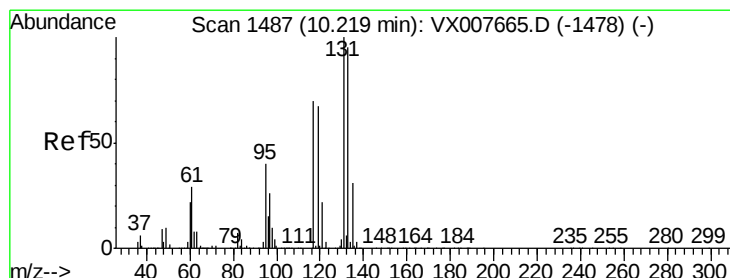
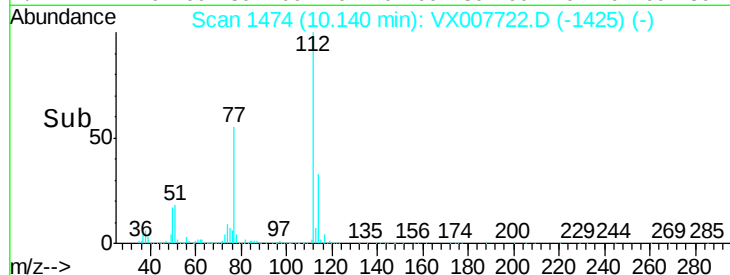
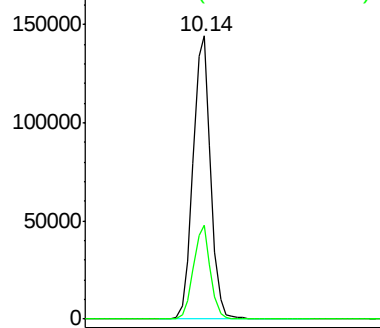
112 100

114 32.9 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.112 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

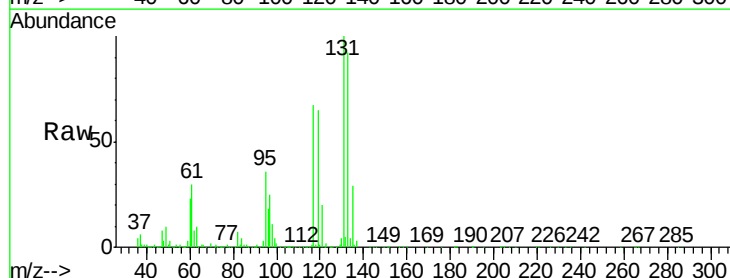
Tgt Ion:131 Resp: 69388

Ion Ratio Lower Upper

131 100

133 94.0 48.0 144.2

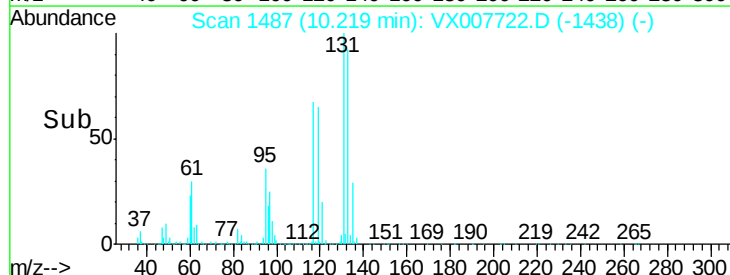
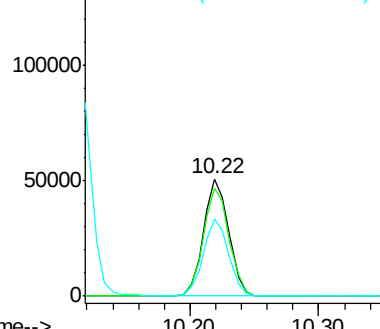
119 65.9 32.0 96.0

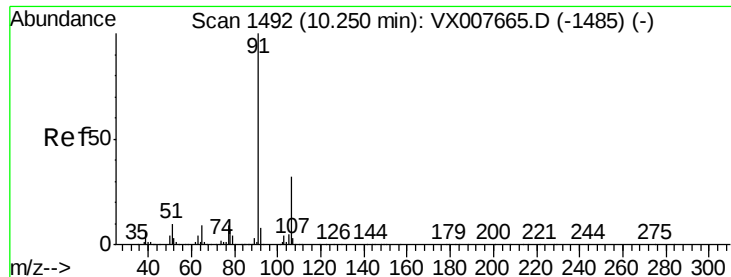


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.703 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Instrument :

MSVOA_X

ClientSampleId :

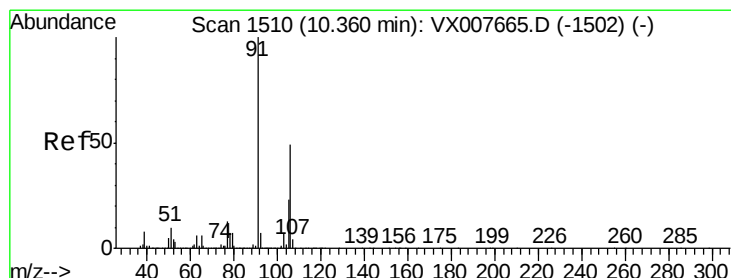
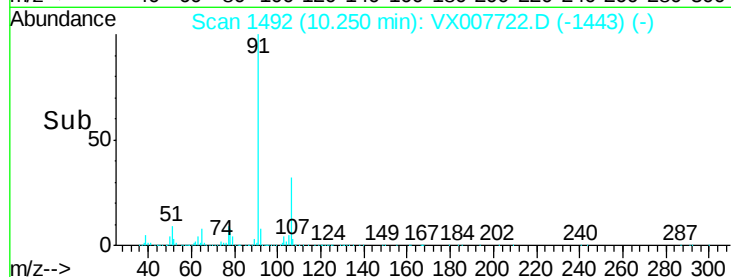
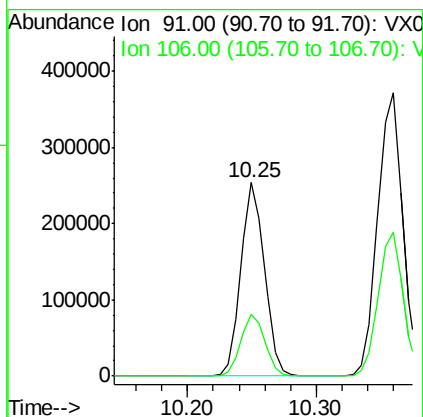
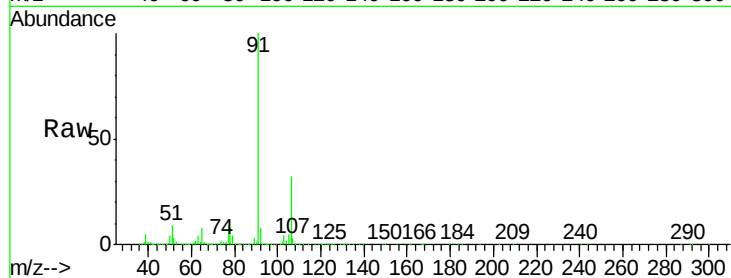
VX0226WBSD01

Tot Ion: 91 Resp: 322822

Ion Ratio Lower Upper

91 100

106 31.9 25.4 38.0



#68

m/p-Xylenes

Concen: 39.357 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007722.D

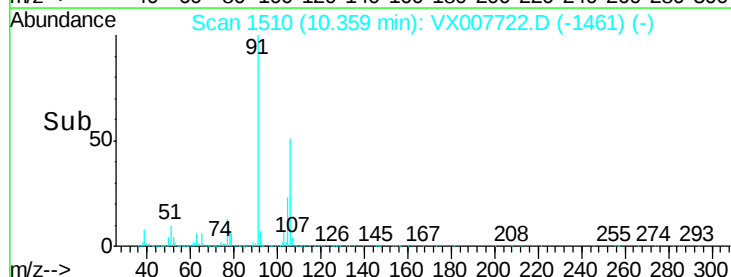
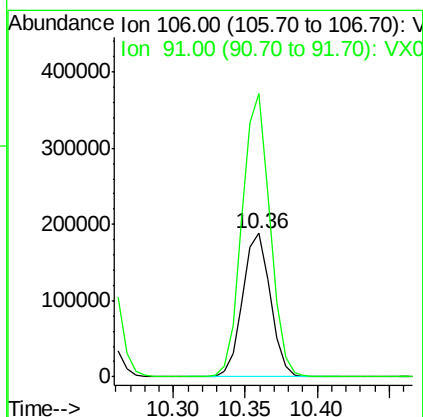
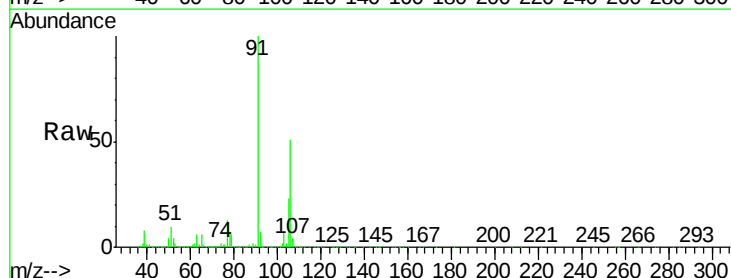
Acq: 26 Feb 2019 19:06

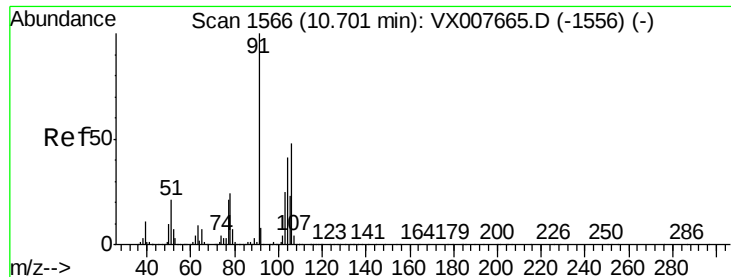
Tgt Ion: 106 Resp: 250864

Ion Ratio Lower Upper

106 100

91 198.3 156.6 234.8

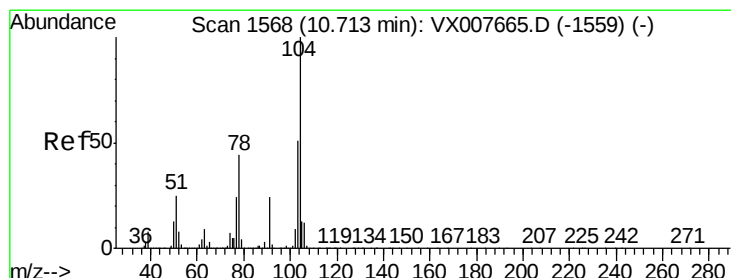
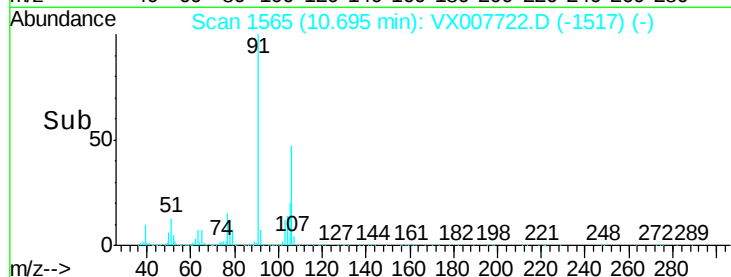
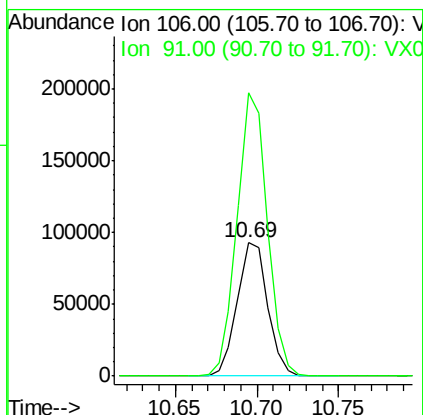
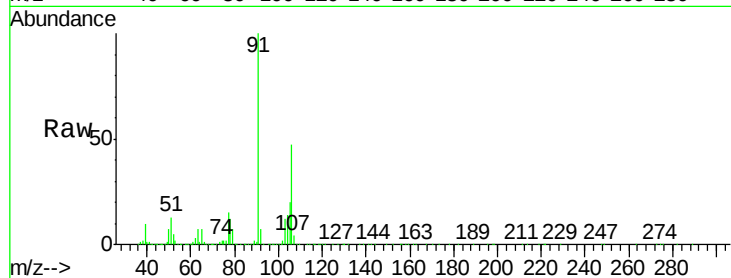




#69
o-Xylene
Concen: 19.897 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007722.D
Acq: 26 Feb 2019 19:06

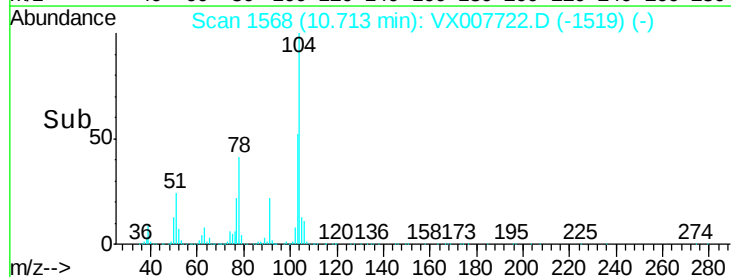
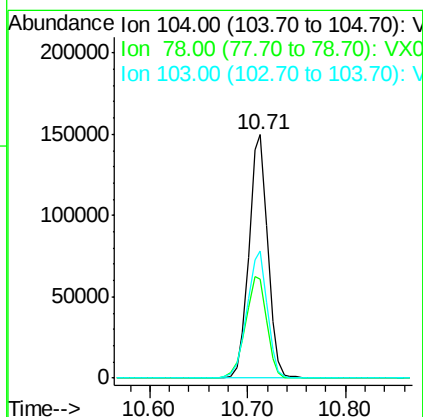
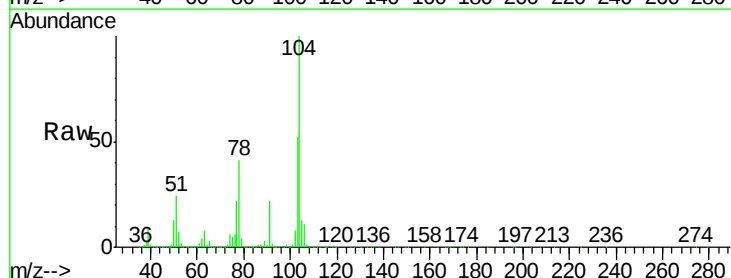
Instrument :
MSVOA_X
ClientSampled :
VX0226WBSD01

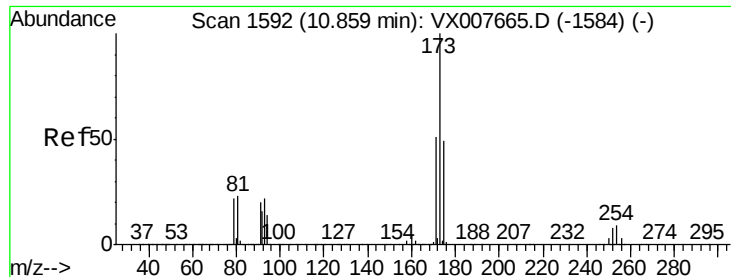
Tot Ion:106 Resp: 121993
Ion Ratio Lower Upper
106 100
91 210.8 102.9 308.7



#70
Styrene
Concen: 19.832 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007722.D
Acq: 26 Feb 2019 19:06

Tgt Ion:104 Resp: 199867
Ion Ratio Lower Upper
104 100
78 47.2 38.3 57.5
103 56.2 44.6 67.0





#71

Bromoform

Concen: 18.685 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBSD01

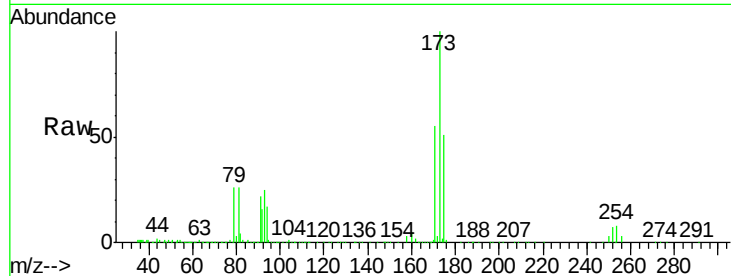
Tot Ion:173 Resp: 48342

Ion Ratio Lower Upper

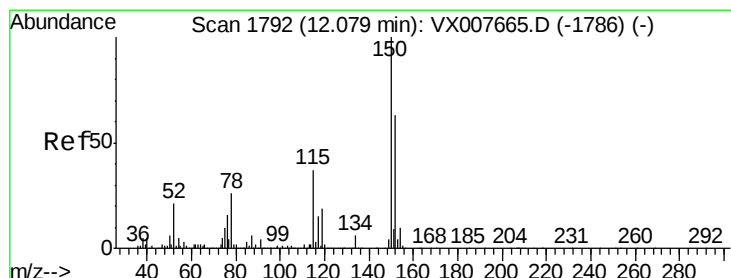
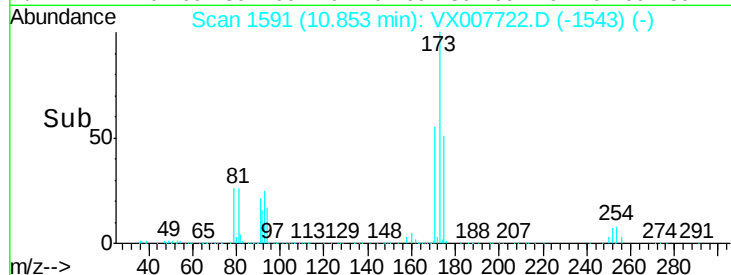
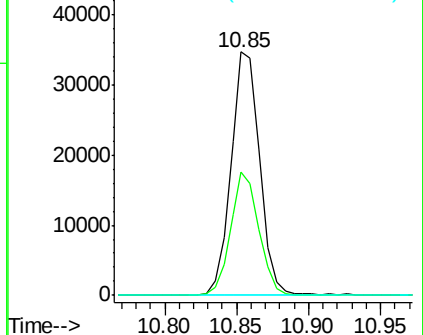
173 100

175 49.8 24.2 72.6

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

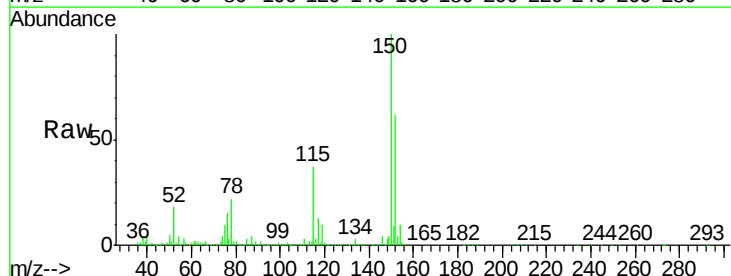
Tgt Ion:152 Resp: 219939

Ion Ratio Lower Upper

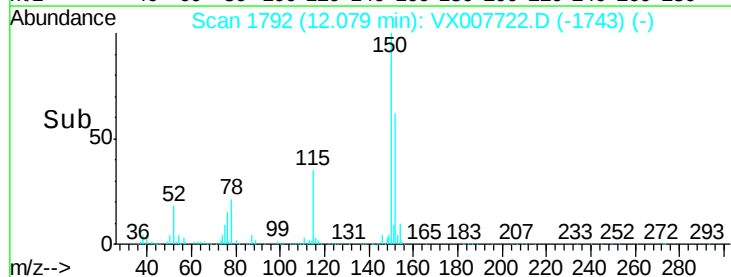
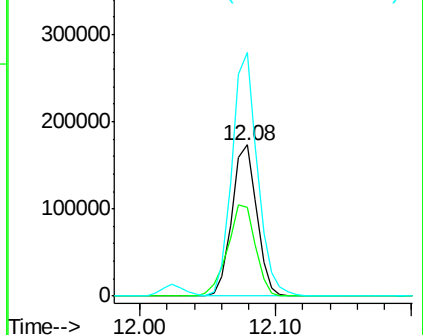
152 100

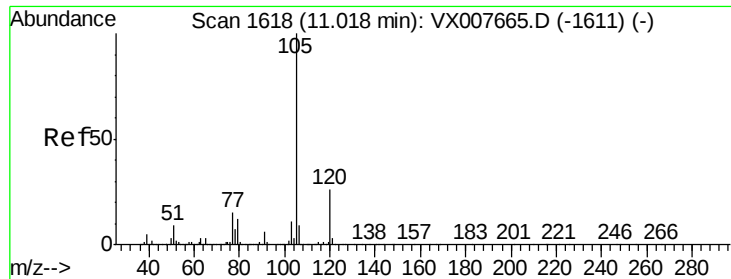
115 67.7 38.0 114.0

150 165.4 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

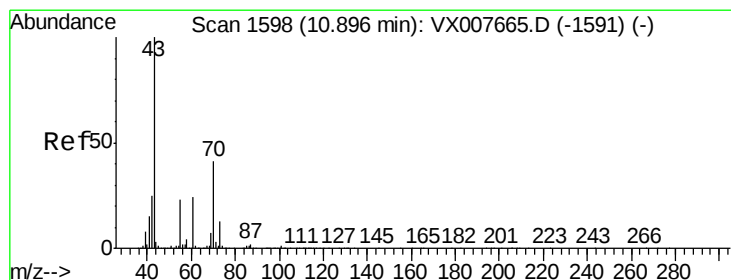
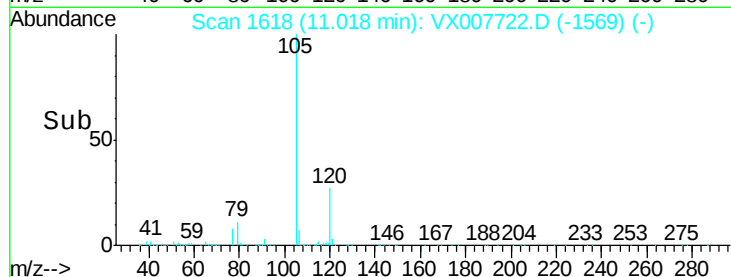
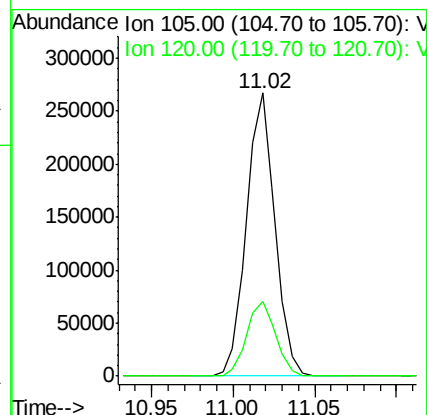
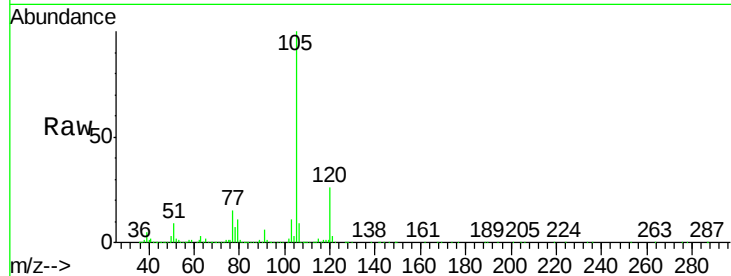




#73
Isopropylbenzene
Concen: 20.707 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX007722.D
Acq: 26 Feb 2019 19:06

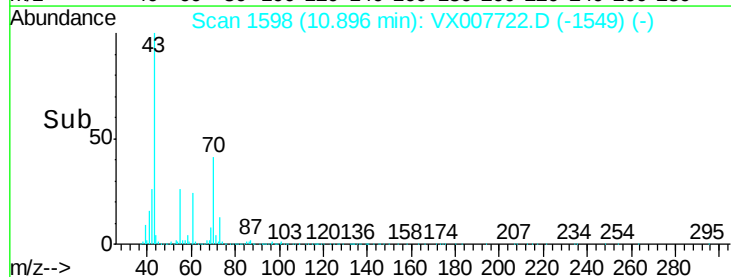
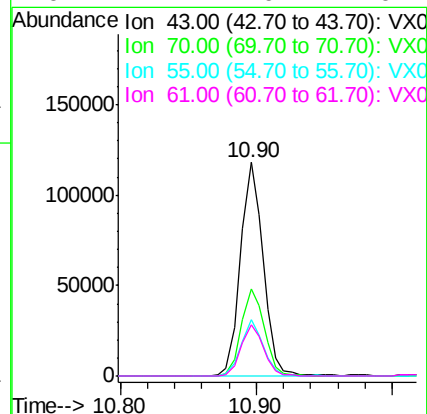
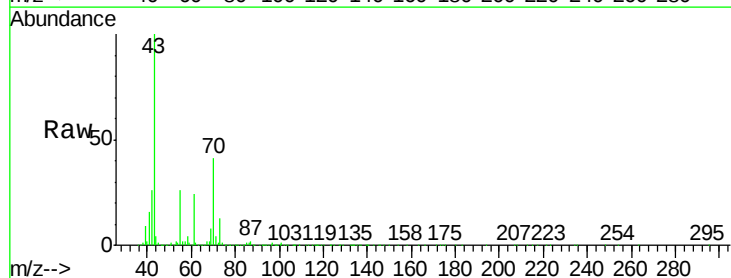
Instrument :
MSVOA_X
ClientSampleId :
VX0226WBSD01

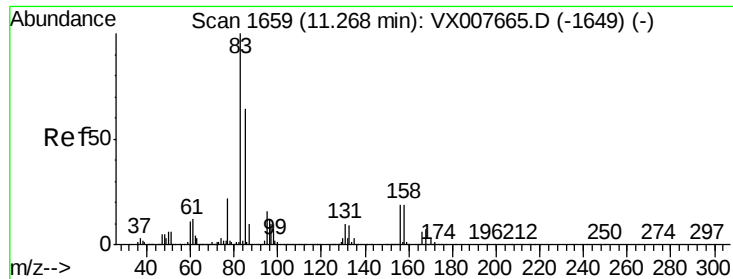
Tot Ion: 105 Resp: 325497
Ion Ratio Lower Upper
105 100
120 26.9 13.6 40.7



#74
N-ethyl acetate
Concen: 20.034 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX007722.D
Acq: 26 Feb 2019 19:06

Tgt Ion: 43 Resp: 136754
Ion Ratio Lower Upper
43 100
70 41.3 33.8 50.6
55 25.5 19.5 29.3
61 24.2 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.588 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBSD01

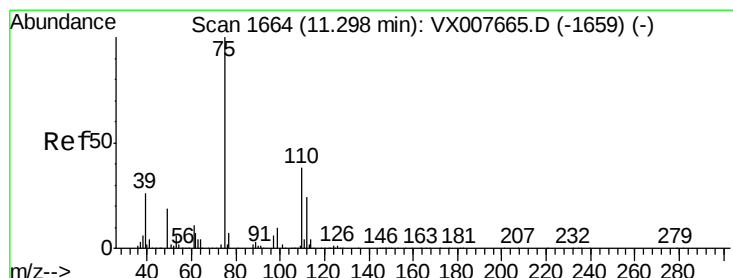
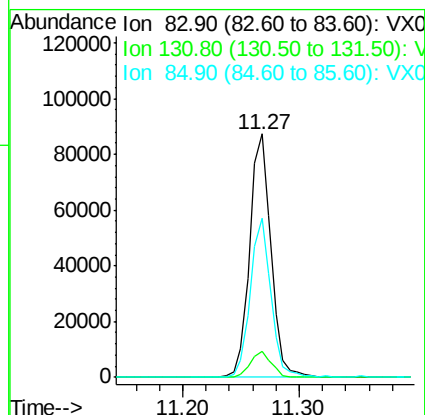
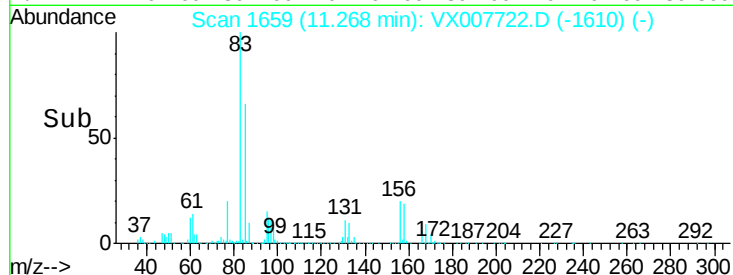
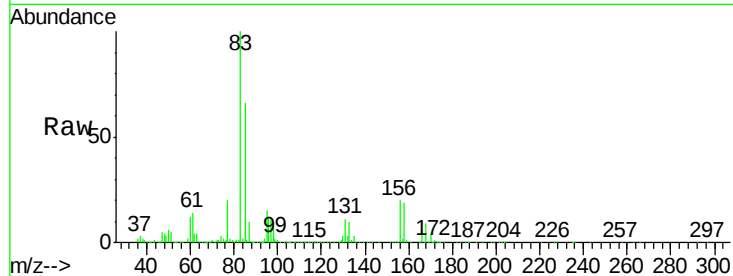
Tot Ion: 83 Resp: 111932

Ion Ratio Lower Upper

83 100

131 10.8 5.7 17.0

85 63.7 32.8 98.3



#76

1,2,3-Trichloropropane

Concen: 25.685 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007722.D

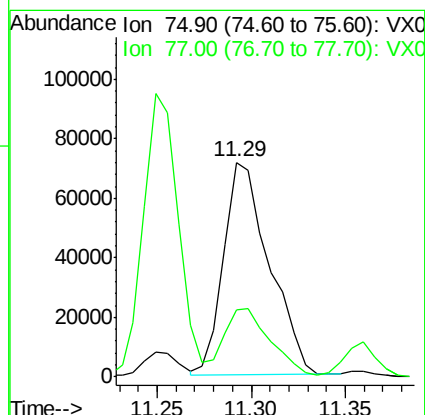
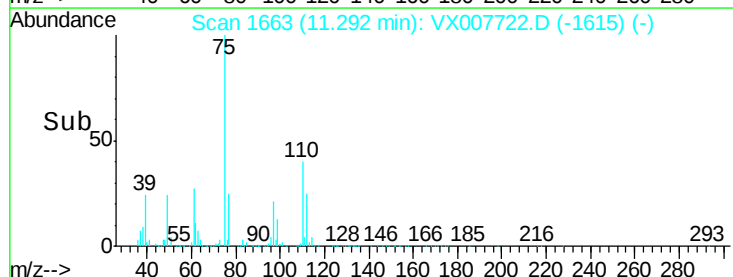
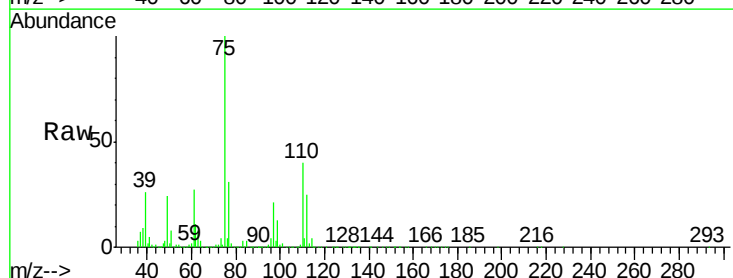
Acq: 26 Feb 2019 19:06

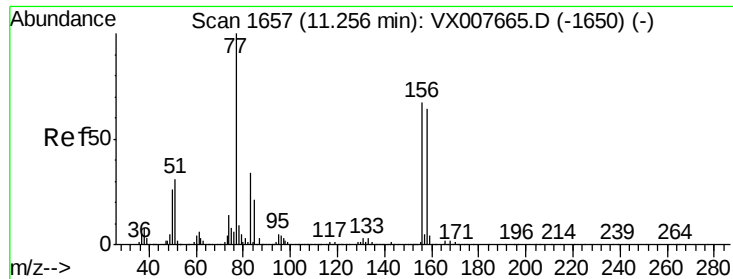
Tgt Ion: 75 Resp: 120412

Ion Ratio Lower Upper

75 100

77 32.7 23.0 69.0





#77

Bromobenzene

Concen: 21.235 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBSD01

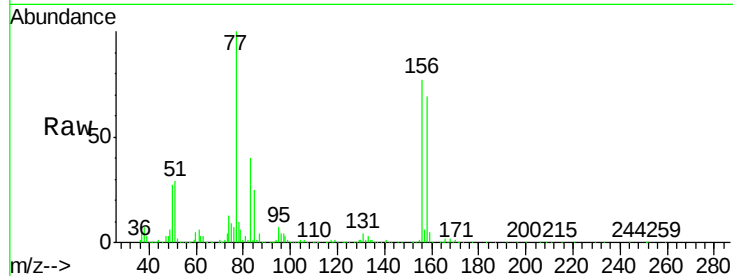
Tot Ion:156 Resp: 83724

Ion Ratio Lower Upper

156 100

77 147.3 66.8 200.6

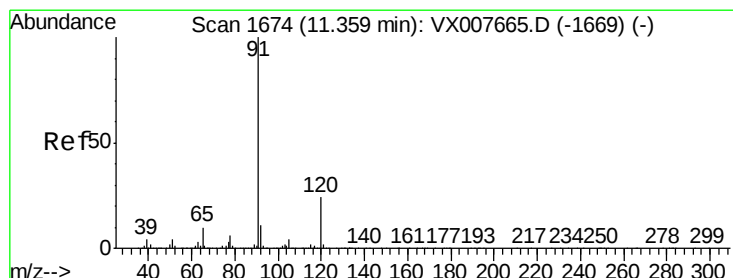
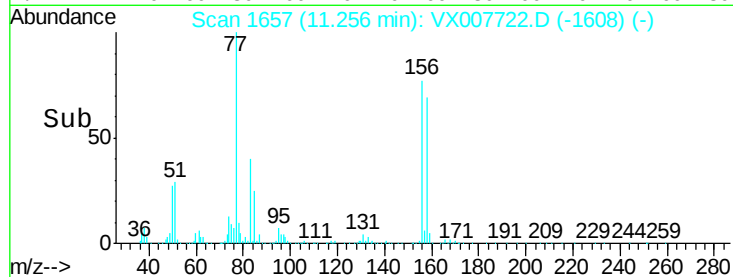
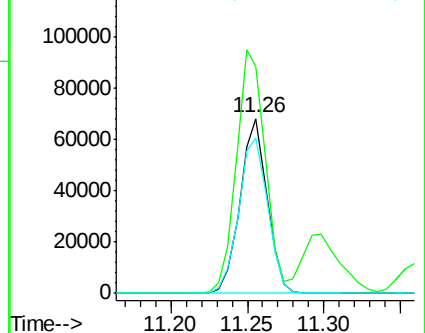
158 95.3 47.9 143.8



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: 20.485 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007722.D

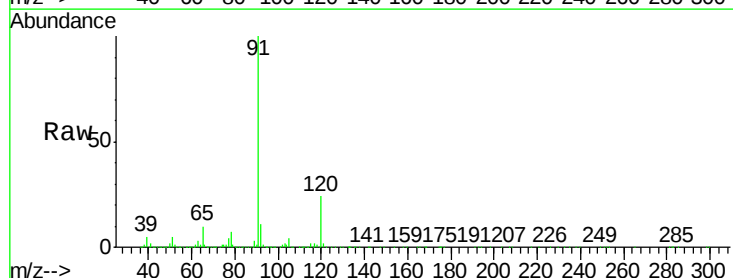
Acq: 26 Feb 2019 19:06

Tgt Ion: 91 Resp: 363882

Ion Ratio Lower Upper

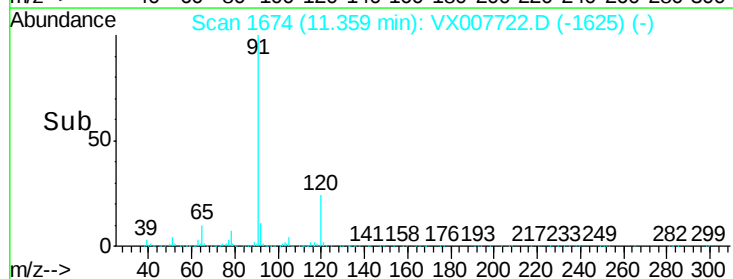
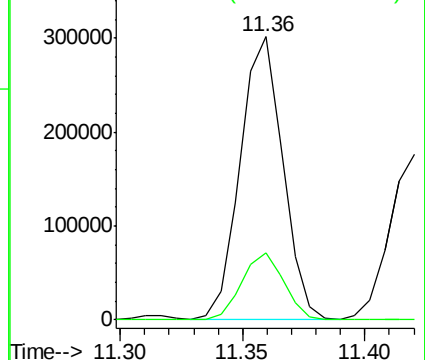
91 100

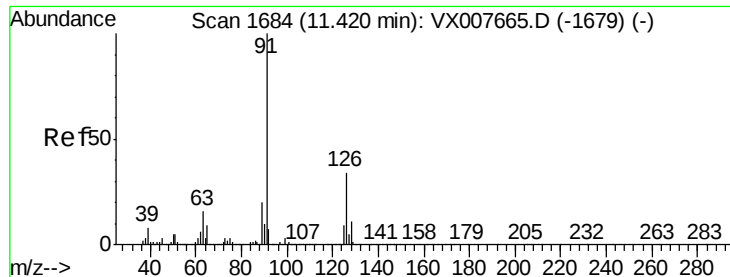
120 23.6 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.111 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Instrument :

MSVOA_X

ClientSampleId :

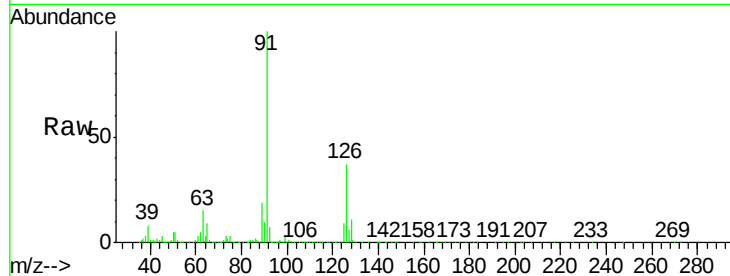
VX0226WBSD01

Tot Ion: 91 Resp: 215101

Ion Ratio Lower Upper

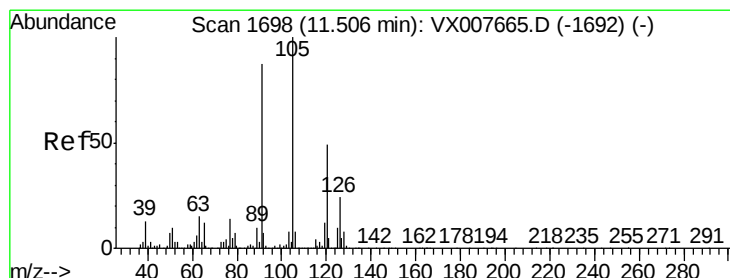
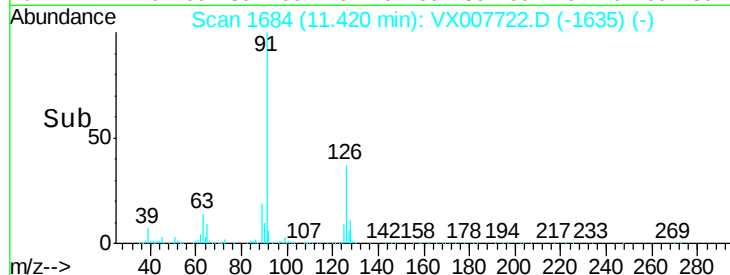
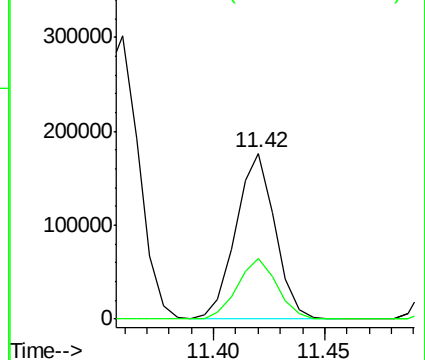
91 100

126 37.1 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: 20.679 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007722.D

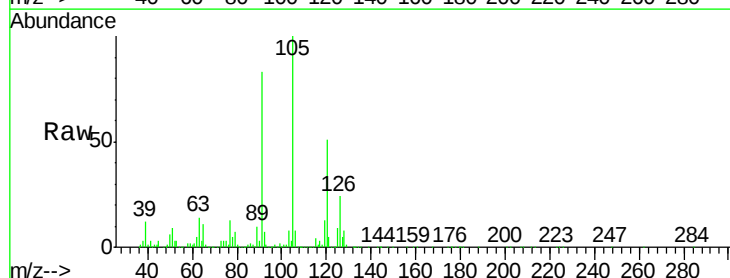
Acq: 26 Feb 2019 19:06

Tgt Ion:105 Resp: 267385

Ion Ratio Lower Upper

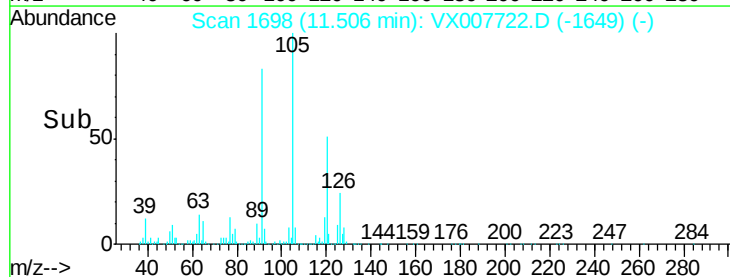
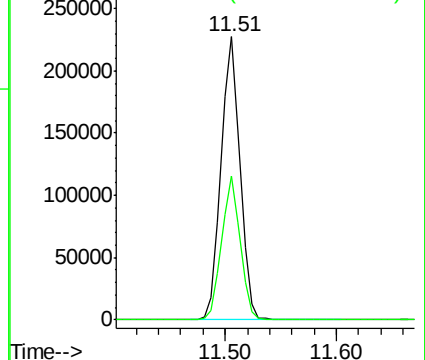
105 100

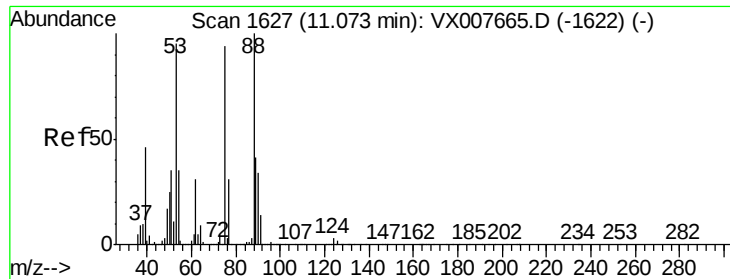
120 50.1 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

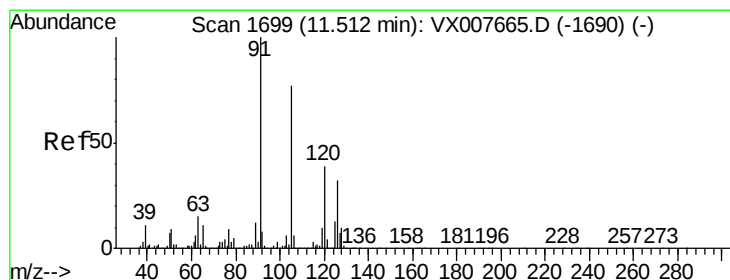
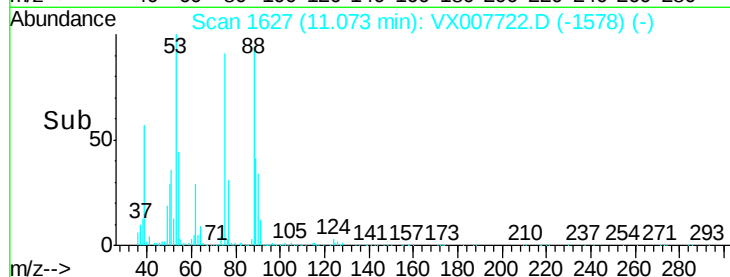
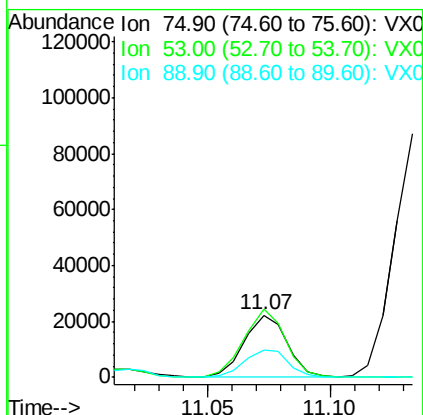
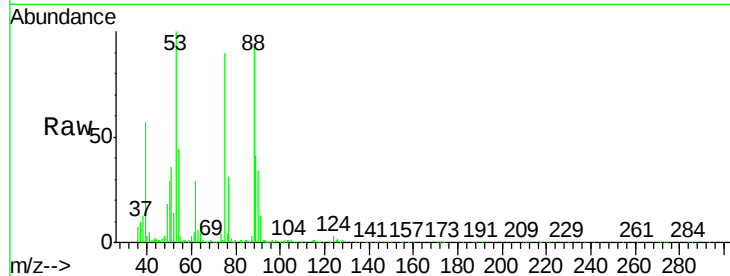




#81
trans-1,4-Dichloro-2-butene
Concen: 17.566 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007722.D
Acq: 26 Feb 2019 19:06

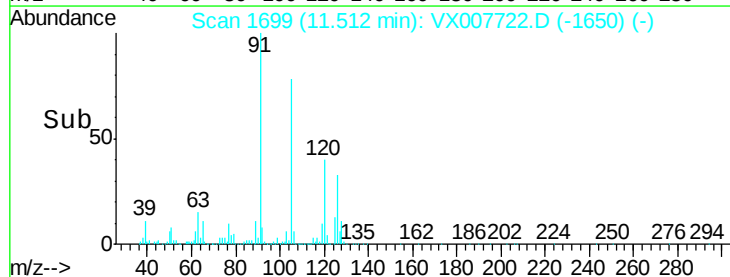
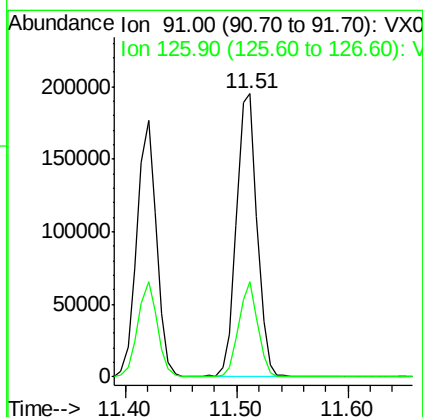
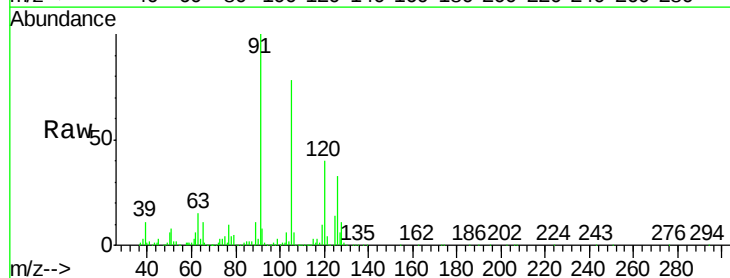
Instrument :
MSVOA_X
ClientSampleId :
VX0226WBSD01

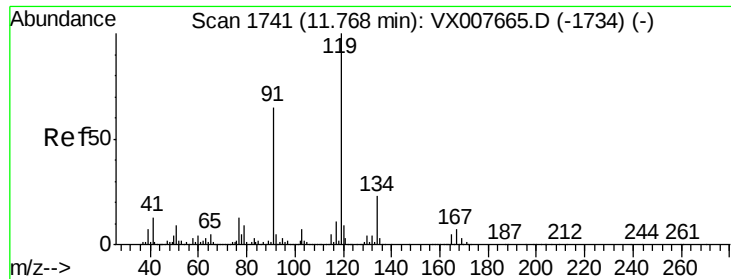
Tot Ion: 75 Resp: 27098
Ion Ratio Lower Upper
75 100
53 108.2 81.0 121.6
89 46.9 41.4 62.0



#82
4-Chlorotoluene
Concen: 20.004 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007722.D
Acq: 26 Feb 2019 19:06

Tgt Ion: 91 Resp: 250290
Ion Ratio Lower Upper
91 100
126 30.8 16.2 48.5





#83

tert-Butylbenzene

Concen: 20.534 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBSD01

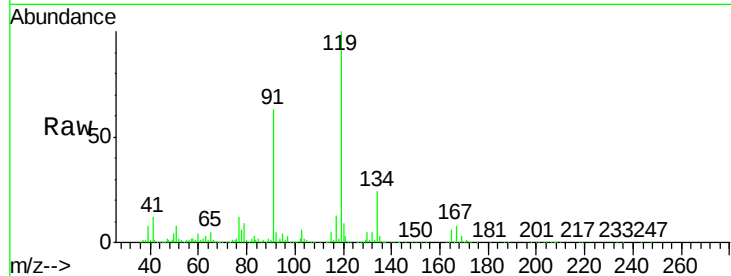
Tot Ion:119 Resp: 254918

Ion Ratio Lower Upper

119 100

91 58.6 28.5 85.6

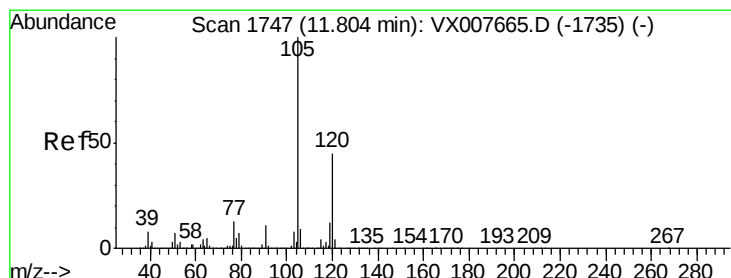
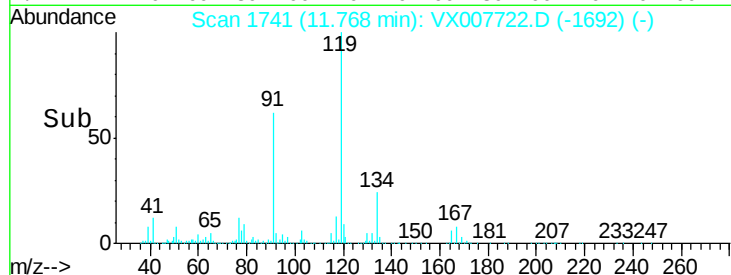
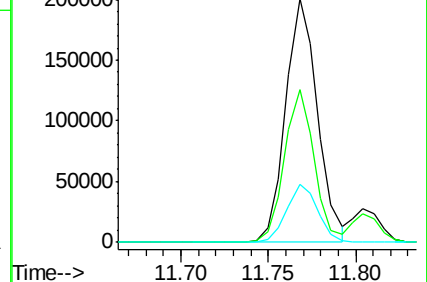
134 23.8 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.604 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007722.D

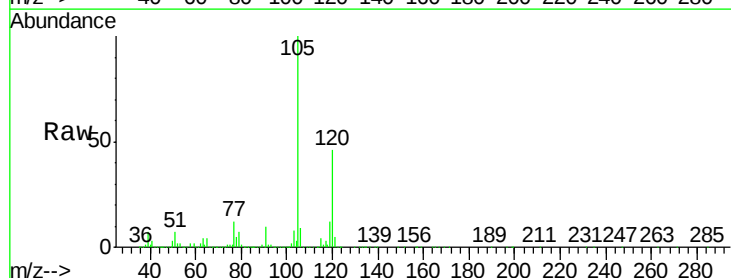
Acq: 26 Feb 2019 19:06

Tgt Ion:105 Resp: 272508

Ion Ratio Lower Upper

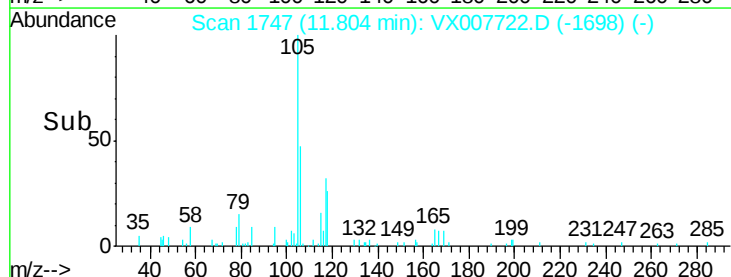
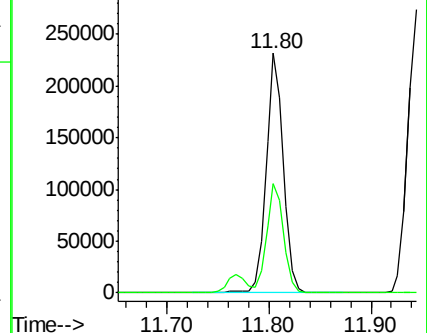
105 100

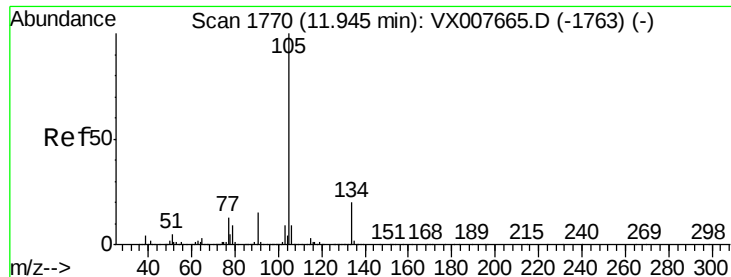
120 44.8 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.583 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Instrument :

MSVOA_X

ClientSampleId :

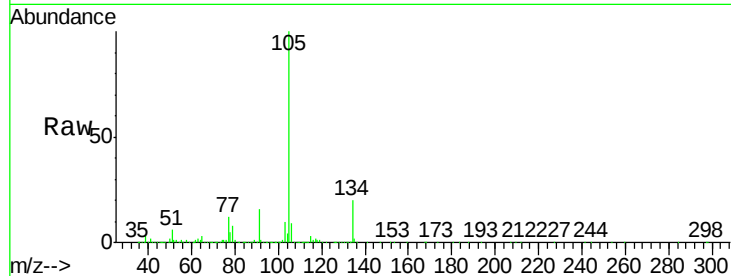
VX0226WBSD01

Tot Ion:105 Resp: 320208

Ion Ratio Lower Upper

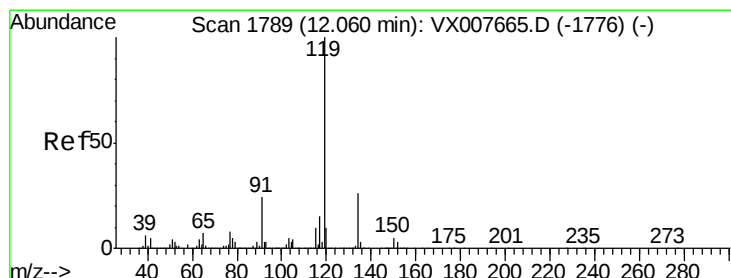
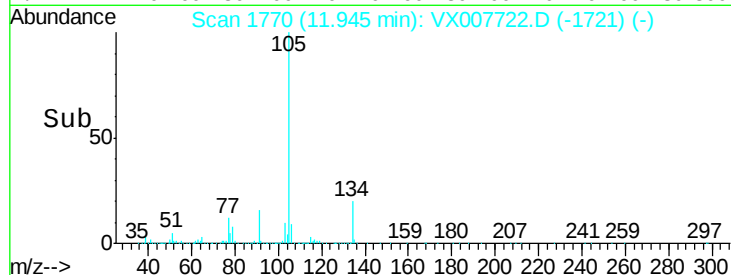
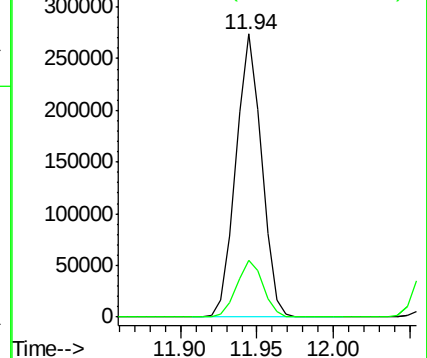
105 100

134 20.7 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.091 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

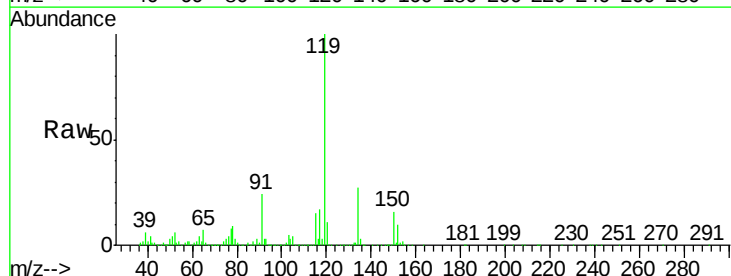
Tgt Ion:119 Resp: 273726

Ion Ratio Lower Upper

119 100

134 27.2 13.7 41.1

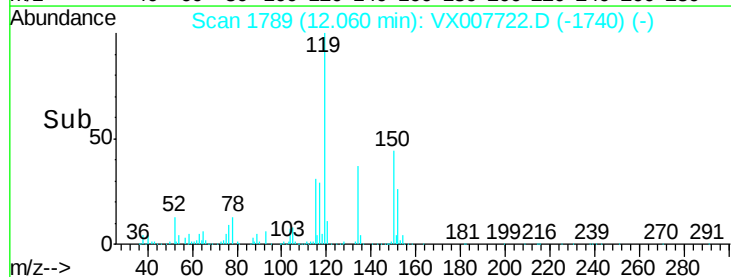
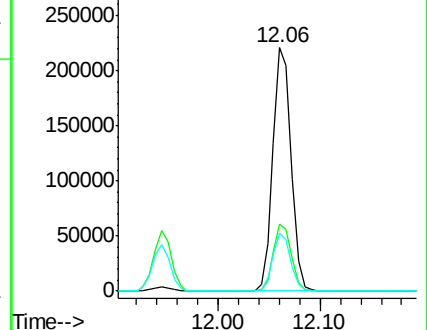
91 23.6 11.2 33.5

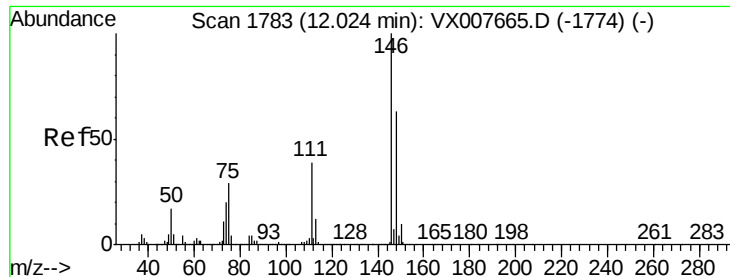


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

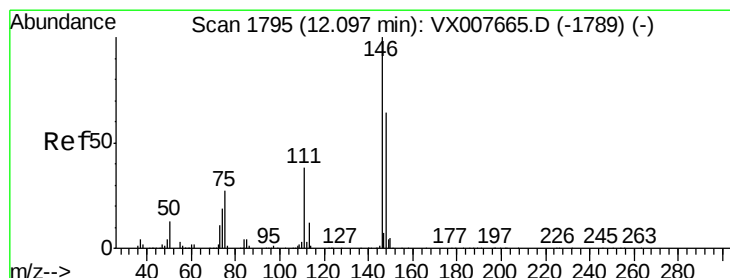
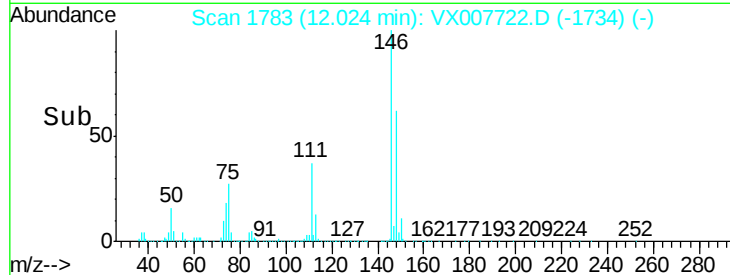
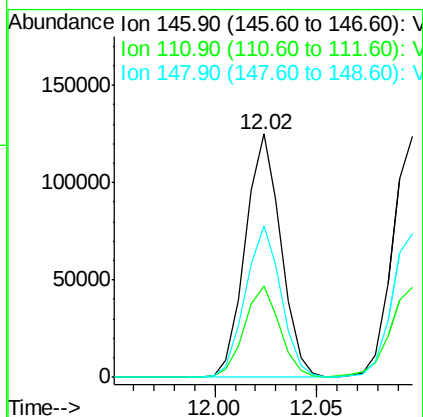
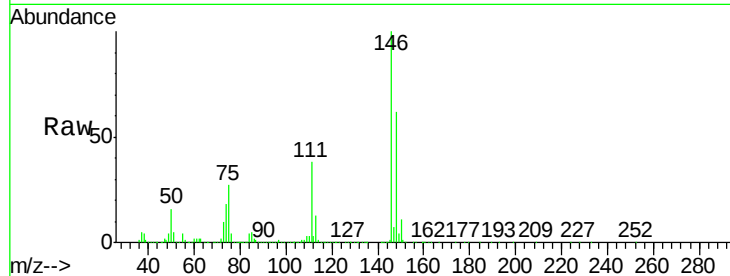




#87
 1,3-Dichlorobenzene
 Concen: 20.650 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007722.D
 Acq: 26 Feb 2019 19:06

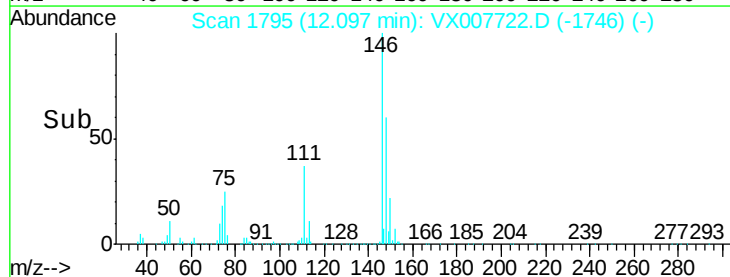
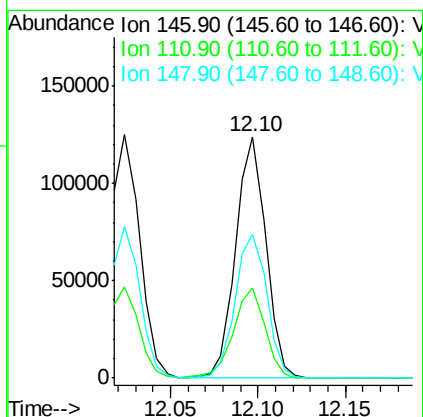
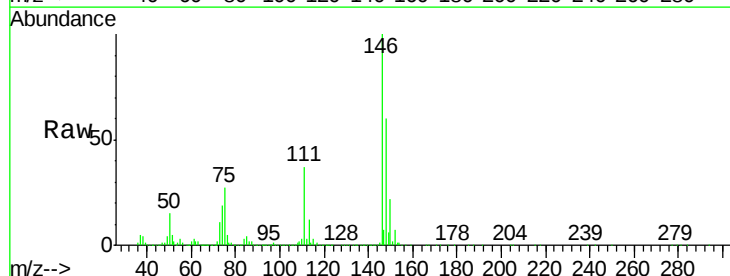
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0226WBSD01

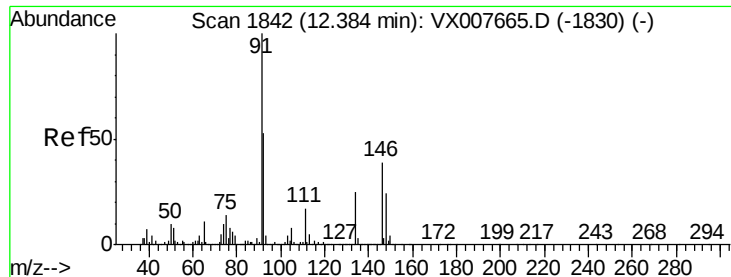
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.1	54.1
148	62.7	32.0	96.2



#88
 1,4-Dichlorobenzene
 Concen: 19.837 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007722.D
 Acq: 26 Feb 2019 19:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	18.1	54.1
148	62.8	32.3	96.9





#89

n-Butylbenzene

Concen: 18.918 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBSD01

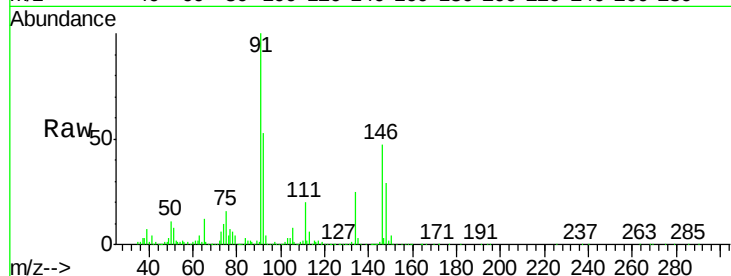
Tot Ion: 91 Resp: 229855

Ion Ratio Lower Upper

91 100

92 53.1 26.3 78.9

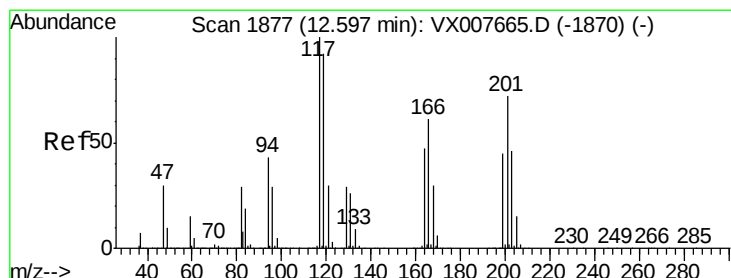
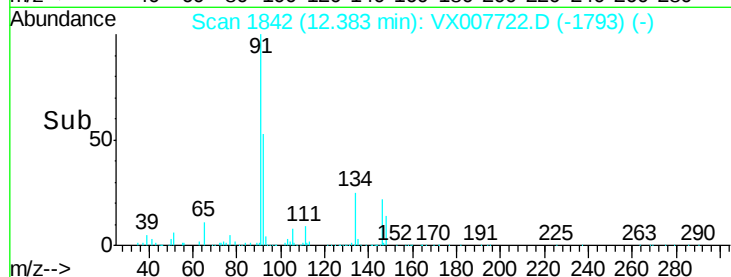
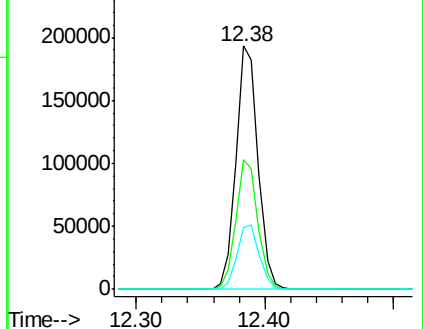
134 26.9 13.9 41.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 20.096 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX007722.D

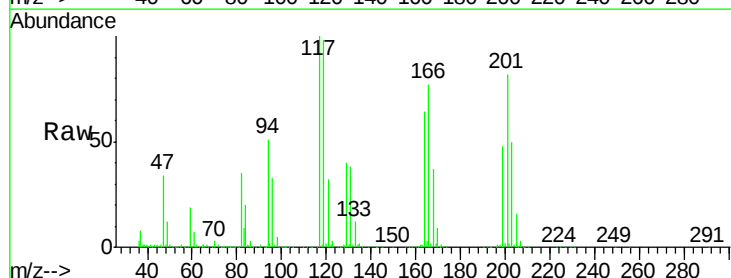
Acq: 26 Feb 2019 19:06

Tgt Ion: 117 Resp: 46132

Ion Ratio Lower Upper

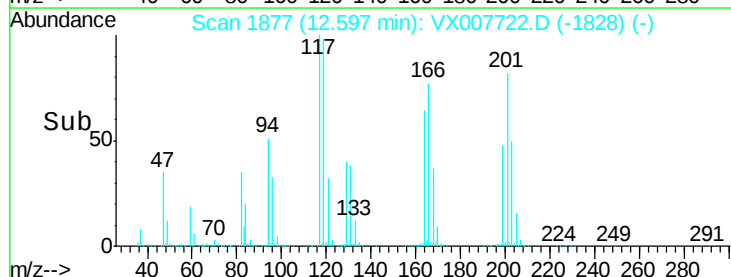
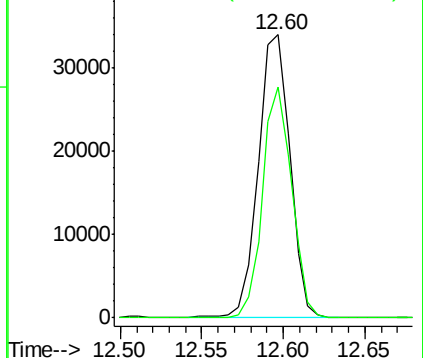
117 100

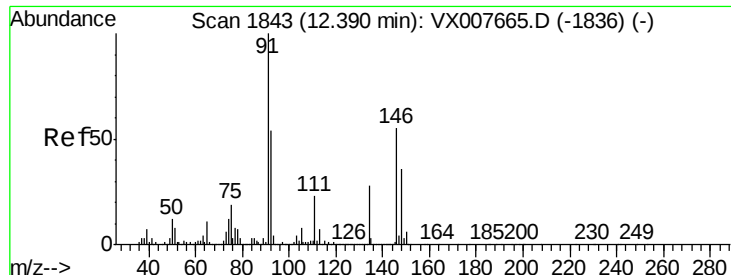
201 74.7 44.9 134.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 20.623 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBSD01

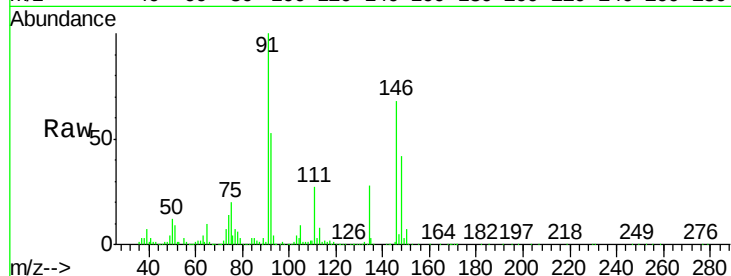
Tot Ion:146 Resp: 150906

Ion Ratio Lower Upper

146 100

111 39.9 19.1 57.3

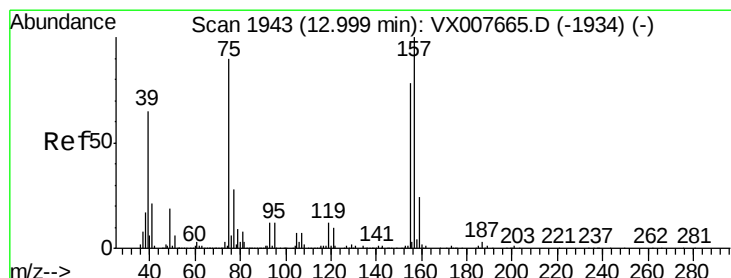
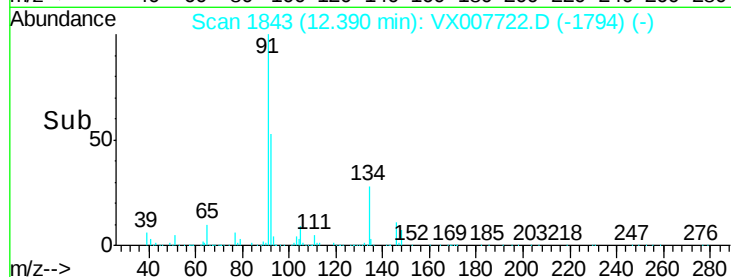
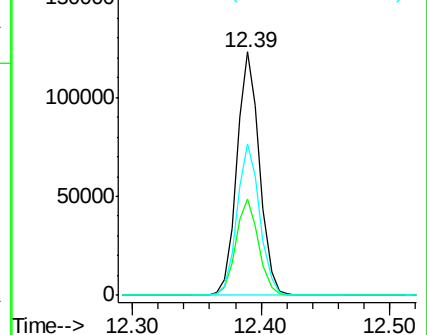
148 62.5 32.1 96.3



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: 18.874 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

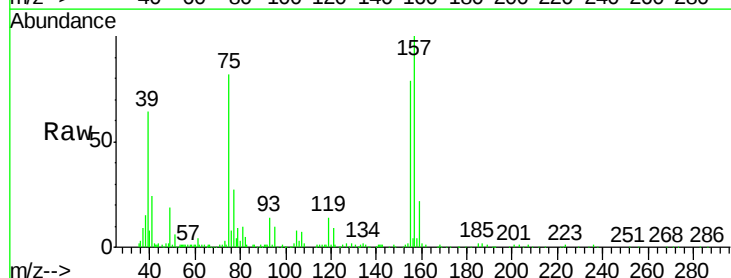
Tgt Ion: 75 Resp: 22358

Ion Ratio Lower Upper

75 100

155 91.4 49.6 149.0

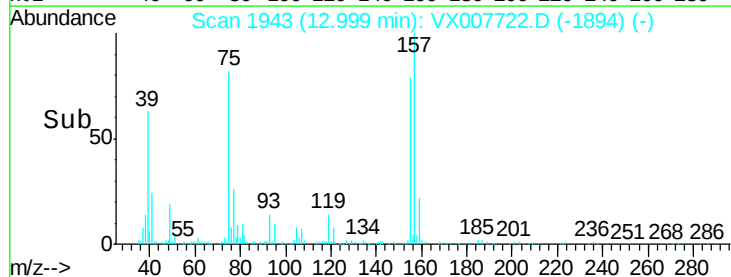
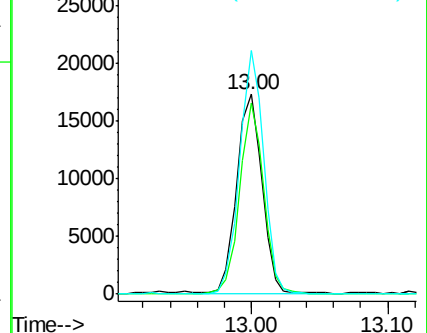
157 116.5 65.1 195.3

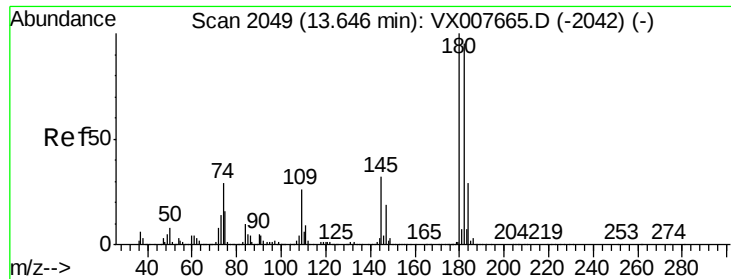


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

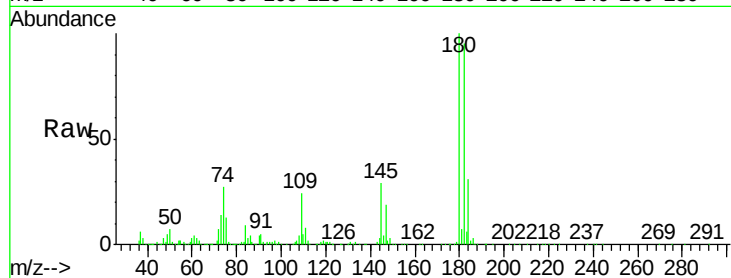




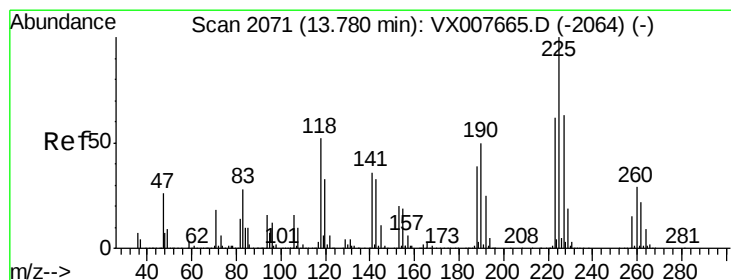
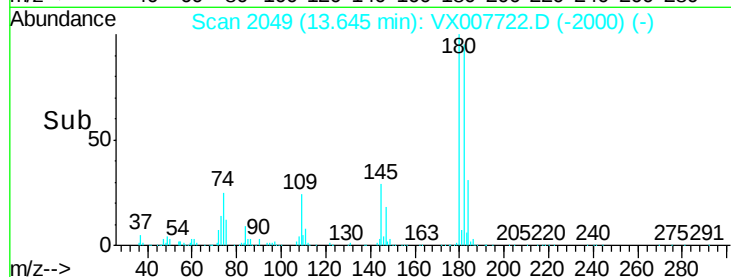
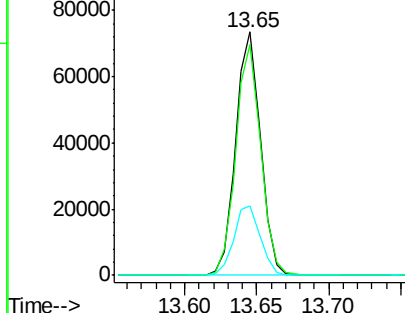
#93
 1,2,4-Trichlorobenzene
 Concen: 19.792 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007722.D
 Acq: 26 Feb 2019 19:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0226WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.8	143.3
145	30.7	14.1	42.2

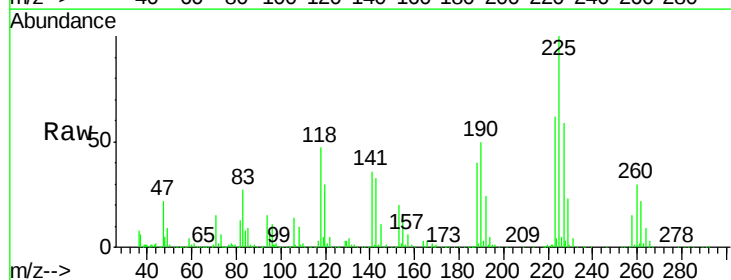


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

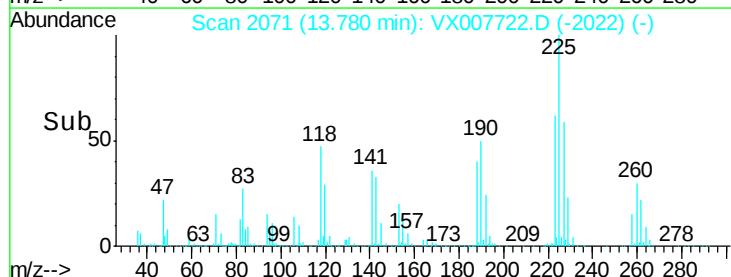
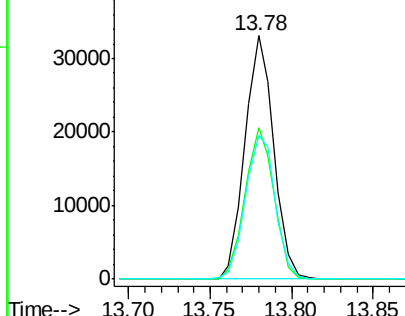


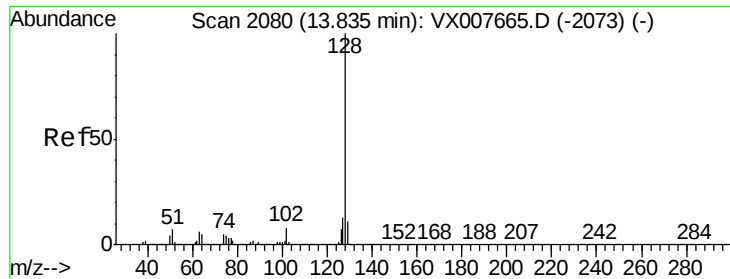
#94
 Hexachlorobutadiene
 Concen: 19.992 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007722.D
 Acq: 26 Feb 2019 19:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	31.6	94.8
227	61.1	32.1	96.3



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





#95

Naphthalene

Concen: 20.615 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBSD01

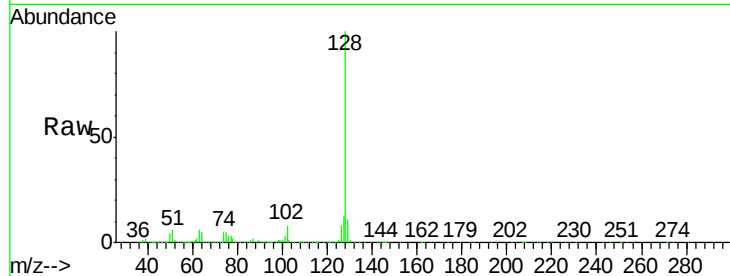
Tot Ion:128 Resp: 298323

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

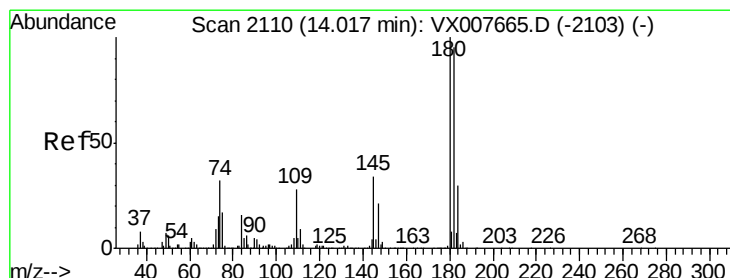
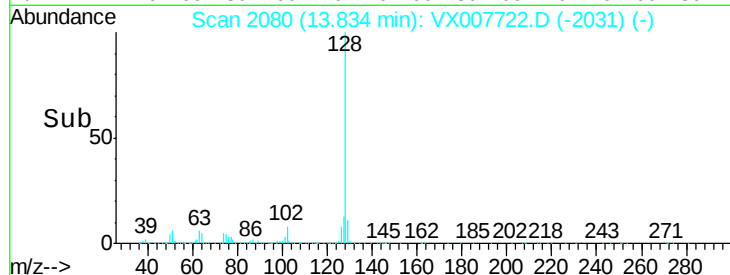
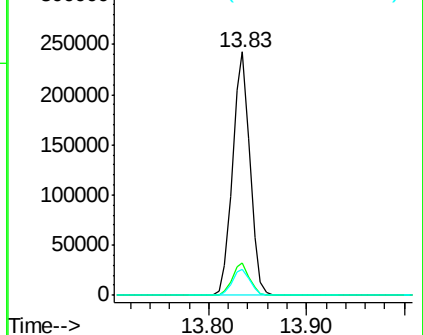
129 10.9 8.7 13.1



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: 20.594 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

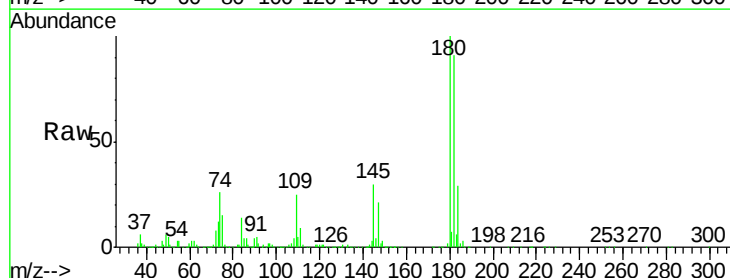
Tgt Ion:180 Resp: 92363

Ion Ratio Lower Upper

180 100

182 93.7 47.5 142.6

145 31.8 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

