

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020619\
 Data File : VX007398.D
 Acq On : 06 Feb 2019 14:38
 Operator : JC/SP
 Sample : VX0206WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206WBSD01

Quant Time: Feb 07 00:01:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	519054	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	744832	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	629110	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	337197	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	267500	48.55	ug/l	0.00
Spiked Amount			Recovery	=	97.10%	
35) Dibromofluoromethane	5.50	113	237222	48.95	ug/l	0.00
Spiked Amount			Recovery	=	97.90%	
50) Toluene-d8	8.71	98	876884	48.77	ug/l	0.00
Spiked Amount			Recovery	=	97.54%	
62) 4-Bromofluorobenzene	11.14	95	290947	44.32	ug/l	0.00
Spiked Amount			Recovery	=	88.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	108518	17.131	ug/l	96
3) Chloromethane	1.33	50	99175	16.963	ug/l	98
4) Vinyl Chloride	1.41	62	98304	17.140	ug/l	98
5) Bromomethane	1.64	94	92006	15.889	ug/l	96
6) Chloroethane	1.71	64	72180	19.454	ug/l	98
7) Trichlorofluoromethane	1.89	101	160787	17.920	ug/l	98
8) Diethyl Ether	2.20	74	60821	18.010	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.36	101	93974	17.608	ug/l	99
10) Methyl Iodide	2.50	142	120195	15.309	ug/l	98
11) Tert butyl alcohol	3.02	59	5221	4.579	ug/l #	73
12) 1,1-Dichloroethene	2.35	96	85327	17.217	ug/l	97
13) Acrolein	2.31	56	52414	98.034	ug/l	97
14) Allyl chloride	2.71	41	144655	17.914	ug/l	97
15) Acrylonitrile	3.17	53	249702	88.530	ug/l	99
16) Acetone	2.48	43	224573	88.986	ug/l	100
17) Carbon Disulfide	2.55	76	180871	15.486	ug/l	98
18) Methyl Acetate	2.79	43	144660	22.332	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	292995	18.249	ug/l	97
20) Methylene Chloride	2.85	84	95858	18.347	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	89967	17.041	ug/l	95
22) Diisopropyl ether	3.88	45	268831	18.099	ug/l	95
23) Vinyl Acetate	3.82	43	1072497	87.012	ug/l	100
24) 1,1-Dichloroethane	3.69	63	150371	17.628	ug/l	100
25) 2-Butanone	4.72	43	305541	85.073	ug/l	100
26) 2,2-Dichloropropane	4.58	77	106355	16.372	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	96820	16.791	ug/l	99
28) Bromochloromethane	5.02	49	65529	16.705	ug/l	95
29) Tetrahydrofuran	5.17	42	204359	90.472	ug/l	99
30) Chloroform	5.21	83	155481	17.468	ug/l	97
31) Cyclohexane	5.57	56	131324	17.142	ug/l	89
32) 1,1,1-Trichloroethane	5.49	97	128569	17.112	ug/l	99
36) 1,1-Dichloropropene	5.79	75	110746	16.571	ug/l	100
37) Ethyl Acetate	4.87	43	117655	17.416	ug/l	99
38) Carbon Tetrachloride	5.78	117	109727	16.924	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	136526	16.885	ug/l	99
40) Benzene	6.13	78	352660	17.914	ug/l	99
41) Methacrylonitrile	5.07	41	65843	18.185	ug/l	97
42) 1,2-Dichloroethane	6.20	62	119732	17.579	ug/l	99
43) Isopropyl Acetate	6.47	43	179791	17.242	ug/l	100
44) Trichloroethene	7.21	130	101731	17.158	ug/l	97
45) 1,2-Dichloropropane	7.51	63	85995	17.435	ug/l	100
46) Dibromomethane	7.66	93	60643	16.916	ug/l	99
47) Bromodichloromethane	7.90	83	96434	15.873	ug/l	99
48) Methyl methacrylate	7.78	41	90462	17.344	ug/l	99
49) 1,4-Dioxane	7.77	88	46092	392.789	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	622178	90.638	ug/l	99
52) Toluene	8.78	92	219752	17.302	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	101806	15.600	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	120729	16.822	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	89911	16.982	ug/l	97
56) Ethyl methacrylate	9.18	69	123507	16.843	ug/l	99
57) 1,3-Dichloropropane	9.37	76	146065	17.348	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	341073	88.247	ug/l	98
59) 2-Hexanone	9.50	43	481683	90.175	ug/l	100
60) Dibromochloromethane	9.59	129	77943	15.566	ug/l	99
61) 1,2-Dibromoethane	9.67	107	95578	17.047	ug/l	100
64) Tetrachloroethene	9.34	164	103613	17.474	ug/l	97
65) Chlorobenzene	10.14	112	247461	18.026	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	84217	18.297	ug/l	99
67) Ethyl Benzene	10.25	91	403456	18.249	ug/l	99
68) m/p-Xylenes	10.36	106	319684	36.377	ug/l	98
69) o-Xylene	10.70	106	156737	18.535	ug/l	99
70) Styrene	10.71	104	241579	17.615	ug/l	99
71) Bromoform	10.86	173	57198	17.056	ug/l #	99
73) Isopropylbenzene	11.02	105	412561	18.004	ug/l	98
74) N-amyl acetate	10.90	43	165122	18.630	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	142956	20.471	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	152715	23.284	ug/l	79
77) Bromobenzene	11.26	156	114915	17.799	ug/l	99
78) n-propylbenzene	11.36	91	448822	17.862	ug/l	100
79) 2-Chlorotoluene	11.42	91	276276	18.121	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	344463	18.375	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	30232	17.271	ug/l	89
82) 4-Chlorotoluene	11.51	91	313222	17.754	ug/l	99
83) tert-Butylbenzene	11.77	119	354452	19.097	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	358612	18.842	ug/l	99
85) sec-Butylbenzene	11.94	105	417945	18.605	ug/l	99
86) p-Isopropyltoluene	12.06	119	373550	18.421	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	208784	18.019	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	210180	17.880	ug/l	99
89) n-Butylbenzene	12.39	91	288520	16.540	ug/l	99
90) Hexachloroethane	12.60	117	51803	17.069	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	219008	18.993	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	27070	18.643	ug/l	97

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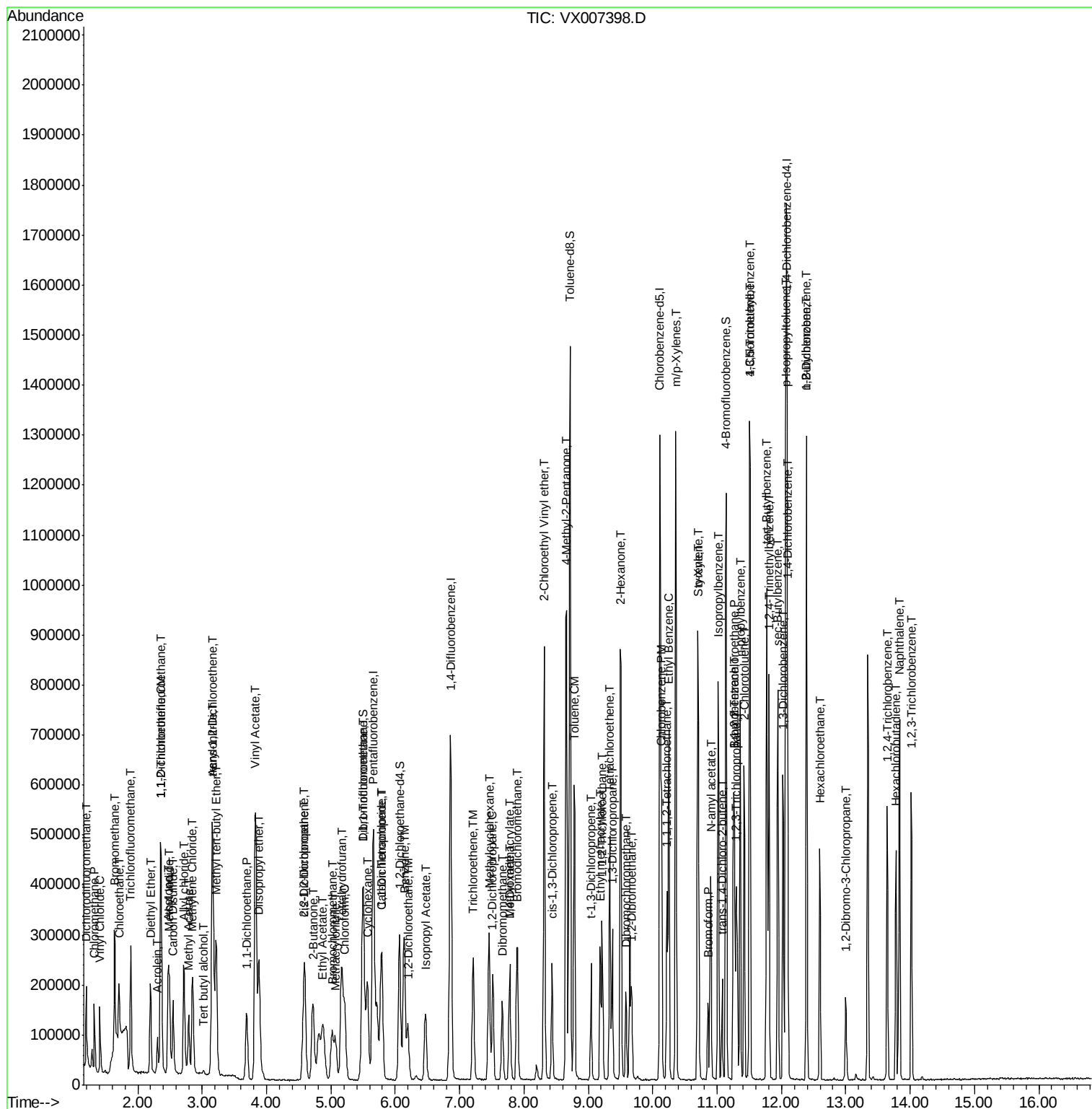
Instrument :
MSVOA_X
ClientSampleId :
VX0206WBSD01

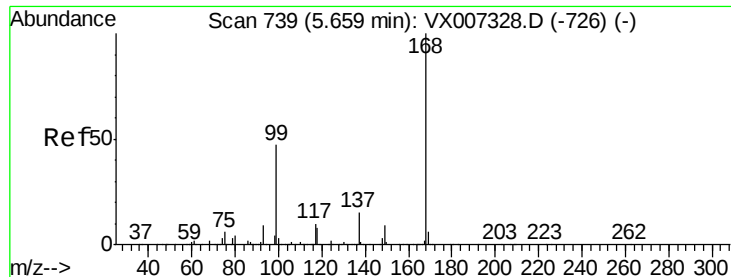
Quant Time: Feb 07 00:01:42 2019
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Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	138894	17.861	ug/l	99
94) Hexachlorobutadiene	13.78	225	71121	18.835	ug/l	98
95) Naphthalene	13.83	128	447375	19.673	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	147447	18.837	ug/l	100

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX007398.D

Acq: 06 Feb 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

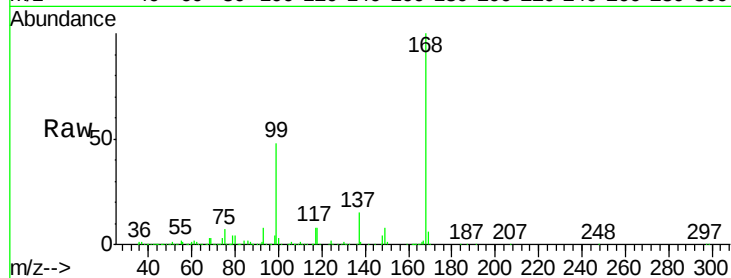
VX0206WBSD01

Tot Ion:168 Resp: 519054

Ion Ratio Lower Upper

168 100

99 48.1 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

200000

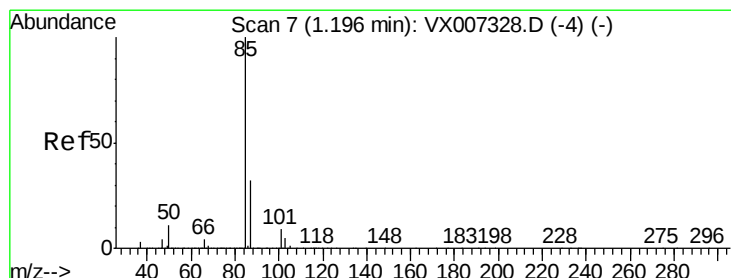
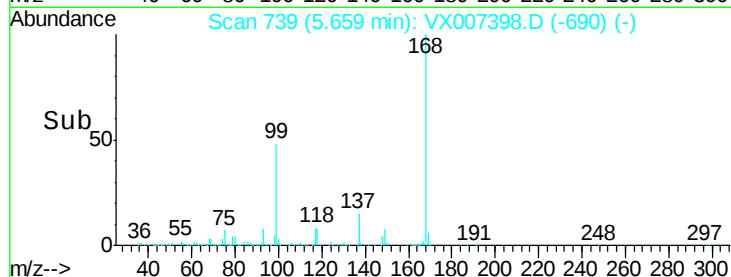
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100000

50000

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Time-->



#2

Dichlorodifluoromethane

Concen: 17.131 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007398.D

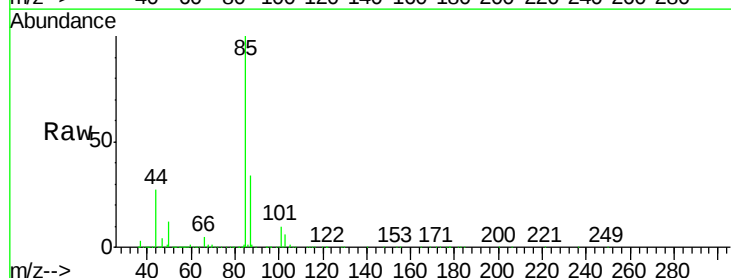
Acq: 06 Feb 2019 14:38

Tgt Ion: 85 Resp: 108518

Ion Ratio Lower Upper

85 100

87 33.9 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

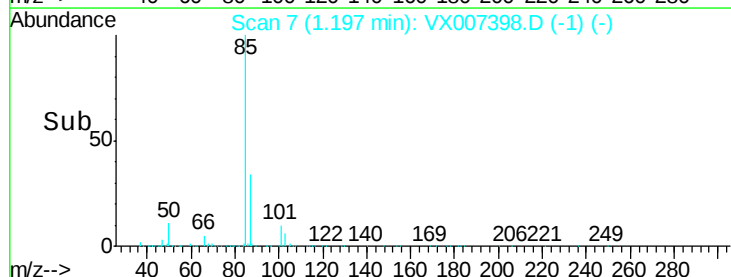
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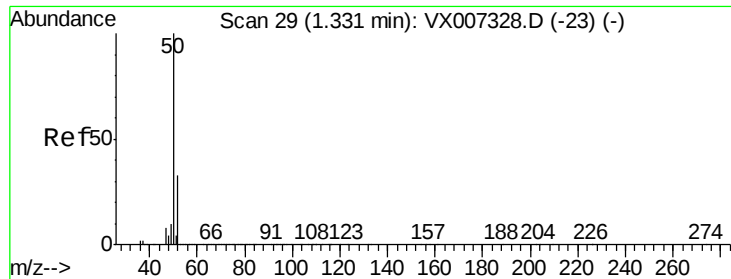
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20000

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Time-->





#3

Chloromethane

Concen: 16.963 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007398.D

Acq: 06 Feb 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

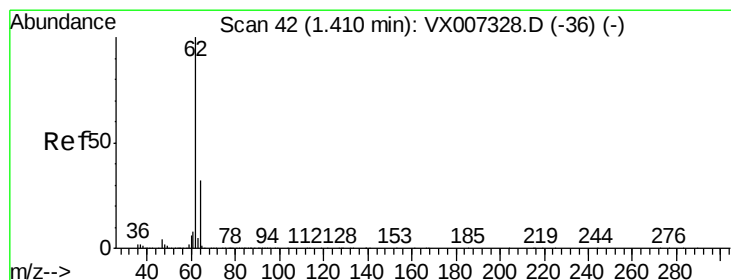
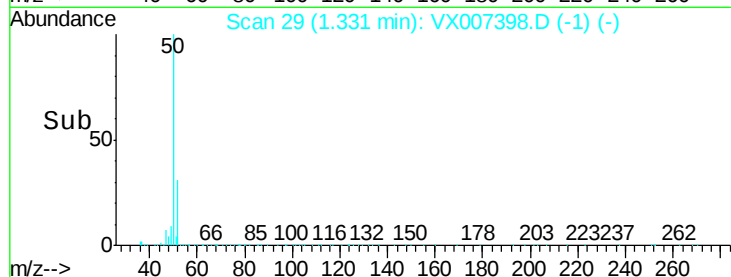
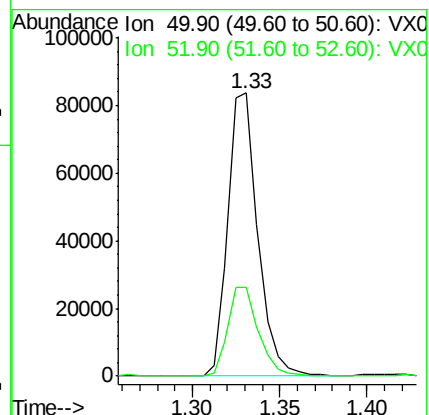
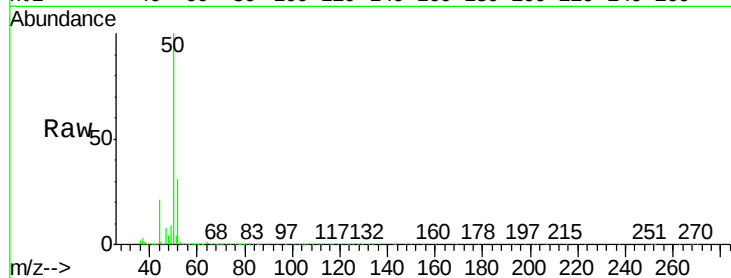
VX0206WBSD01

Tot Ion: 50 Resp: 99175

Ion Ratio Lower Upper

50 100

52 31.2 26.1 39.1



#4

Vinyl Chloride

Concen: 17.140 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007398.D

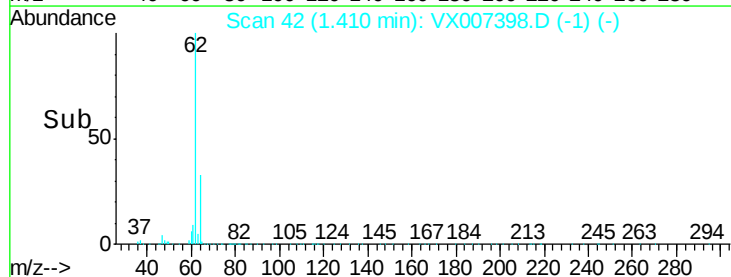
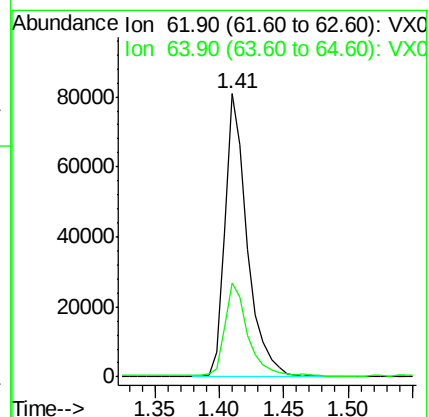
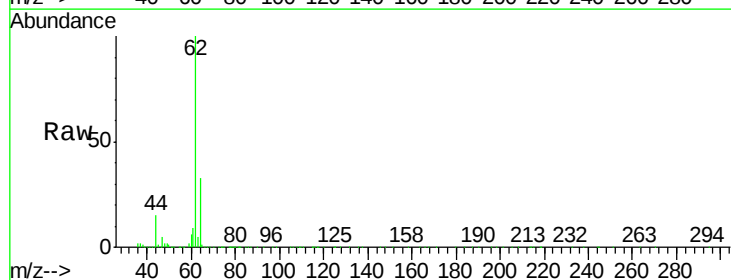
Acq: 06 Feb 2019 14:38

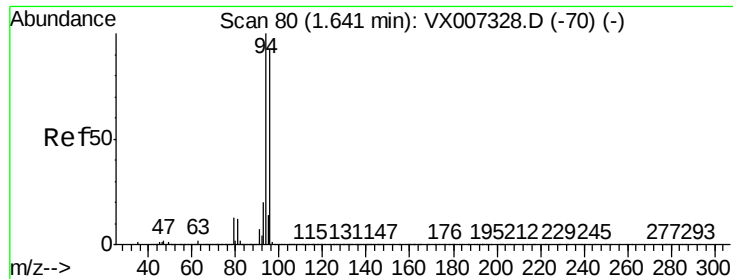
Tgt Ion: 62 Resp: 98304

Ion Ratio Lower Upper

62 100

64 32.8 25.4 38.0





#5

Bromomethane

Concen: 15.889 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX007398.D

Acq: 06 Feb 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

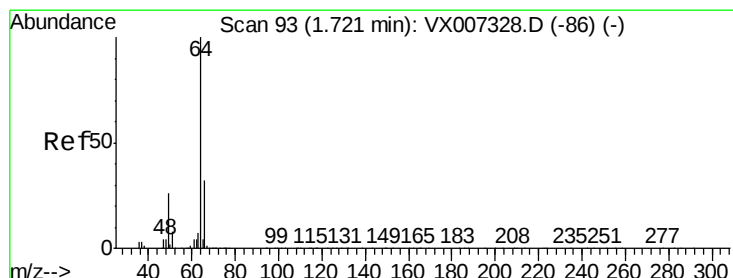
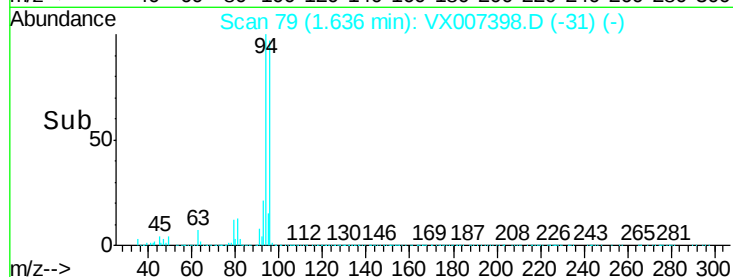
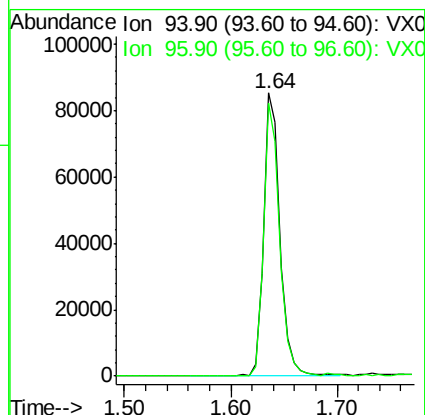
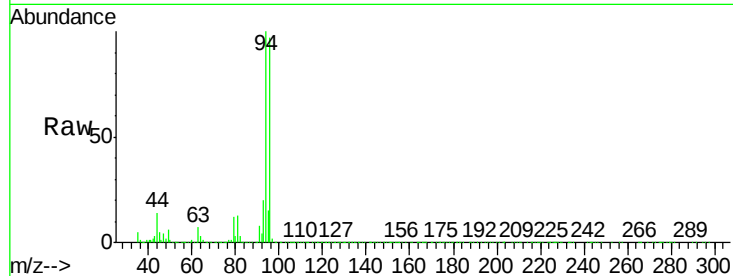
VX0206WBSD01

Tot Ion: 94 Resp: 92006

Ion Ratio Lower Upper

94 100

96 96.2 73.9 110.9



#6

Chloroethane

Concen: 19.454 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX007398.D

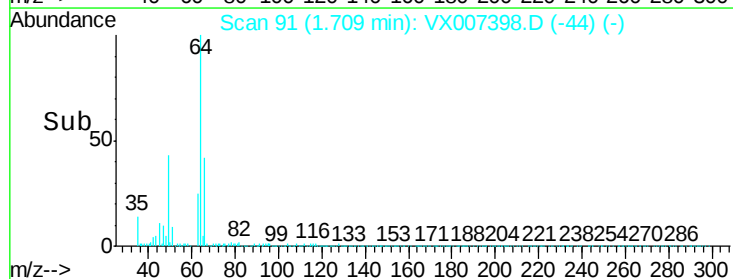
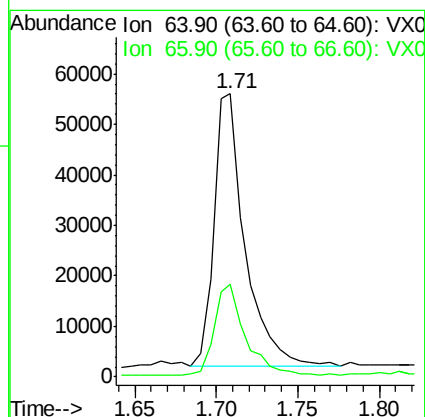
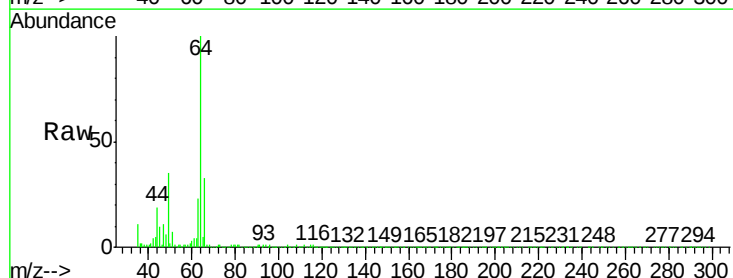
Acq: 06 Feb 2019 14:38

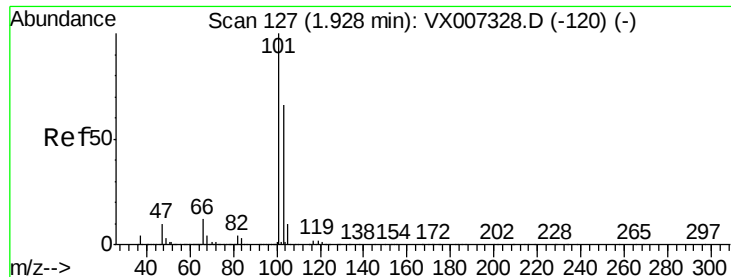
Tgt Ion: 64 Resp: 72180

Ion Ratio Lower Upper

64 100

66 33.3 25.5 38.3



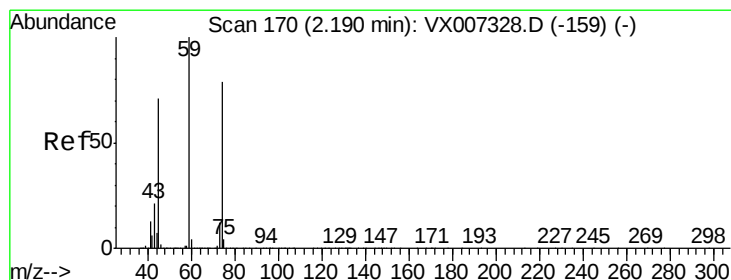
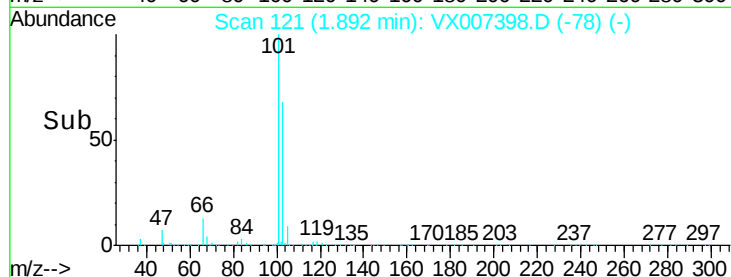
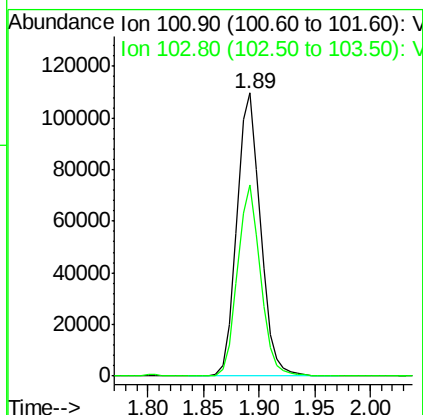
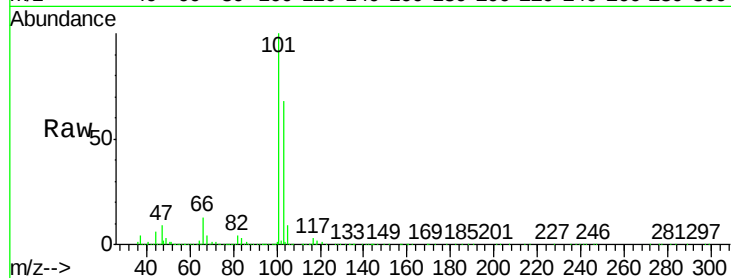


#7

Trichlorofluoromethane
Concen: 17.920 ug/l
RT: 1.89 min Scan# 121
Delta R.T. -0.04 min
Lab File: VX007398.D
Acq: 06 Feb 2019 14:38

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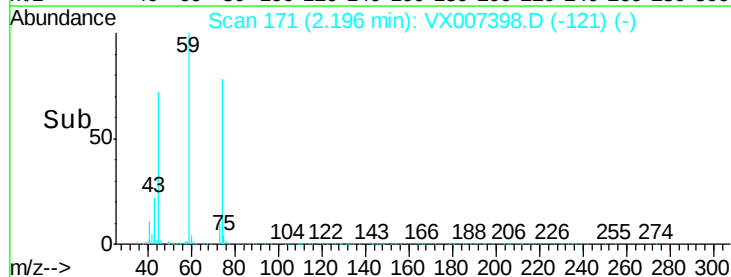
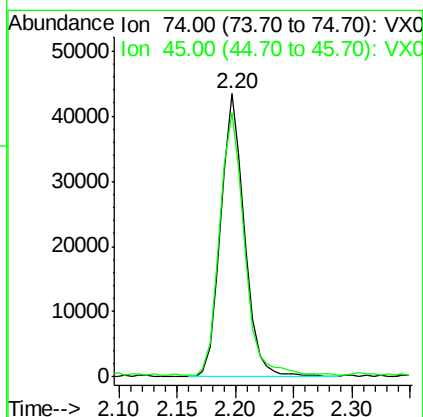
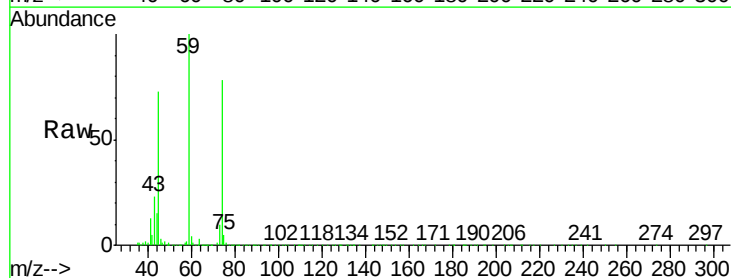
Tot Ion:101 Resp: 160787
Ion Ratio Lower Upper
101 100
103 67.6 52.6 79.0

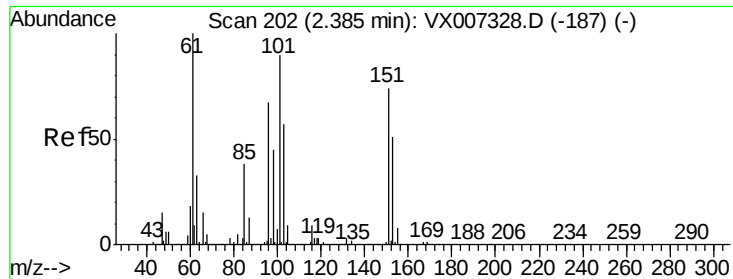


#8

Diethyl Ether
Concen: 18.010 ug/l
RT: 2.20 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX007398.D
Acq: 06 Feb 2019 14:38

Tgt Ion: 74 Resp: 60821
Ion Ratio Lower Upper
74 100
45 96.7 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.608 ug/l

RT: 2.36 min Scan# 198

Delta R.T. -0.02 min

Lab File: VX007398.D

Acq: 06 Feb 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBSD01

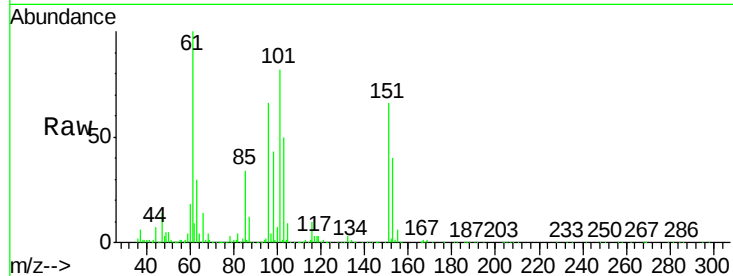
Tot Ion:101 Resp: 93974

Ion Ratio Lower Upper

101 100

85 43.3 34.1 51.1

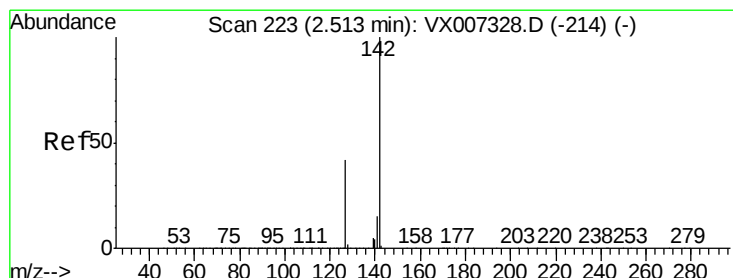
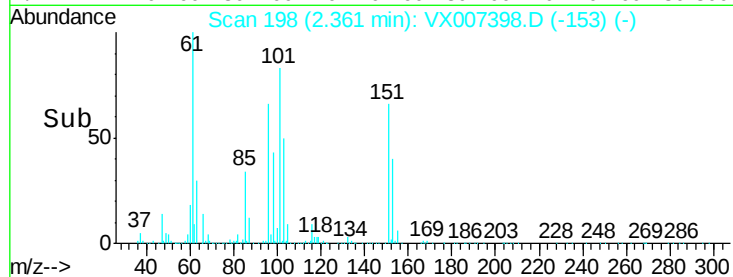
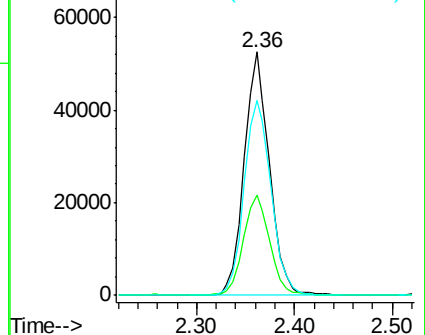
151 86.1 69.9 104.9



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: 15.309 ug/l

RT: 2.50 min Scan# 220

Delta R.T. -0.02 min

Lab File: VX007398.D

Acq: 06 Feb 2019 14:38

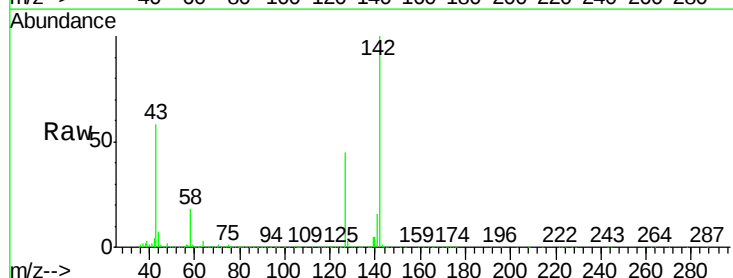
Tgt Ion:142 Resp: 120195

Ion Ratio Lower Upper

142 100

127 43.4 33.7 50.5

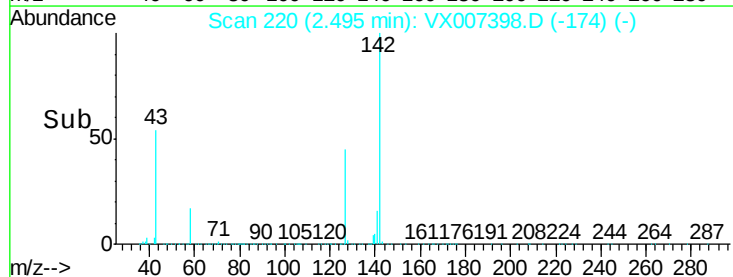
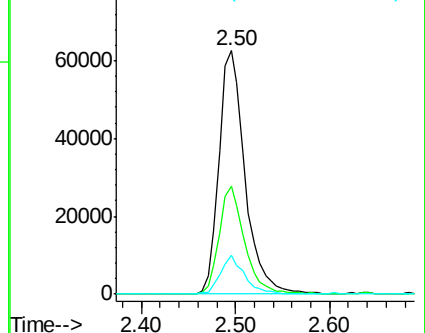
141 14.8 11.3 16.9

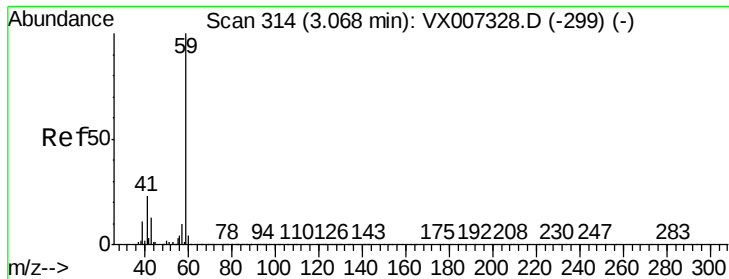


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



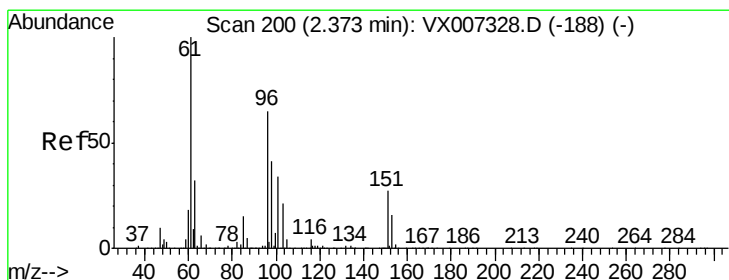
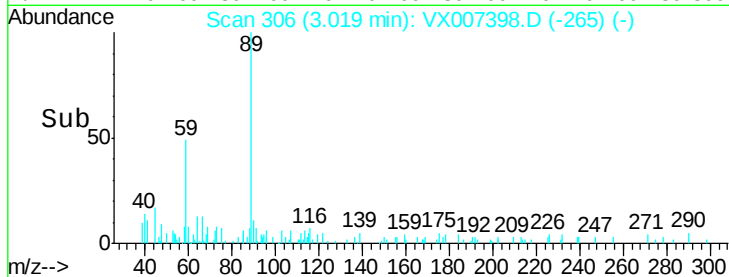
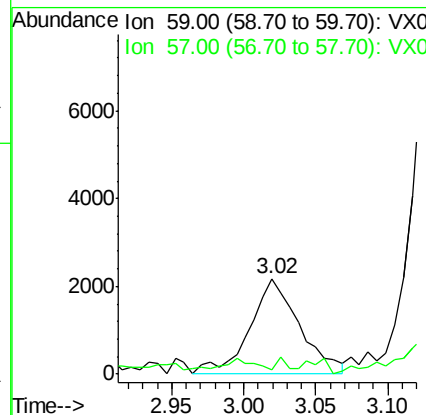
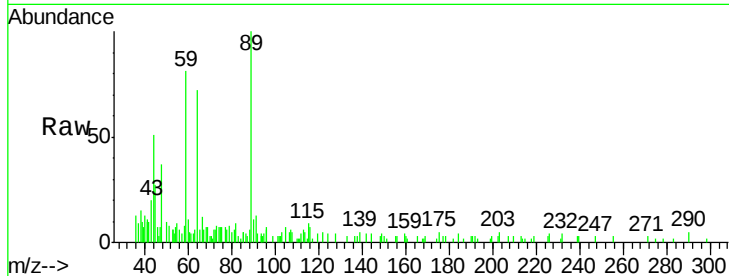


#11

Tert butyl alcohol
Concen: 4.579 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.05 min
Lab File: VX007398.D
Acq: 06 Feb 2019 14:38

Instrument :
MSVOA_X
ClientSampleId :
VX0206WBSD01

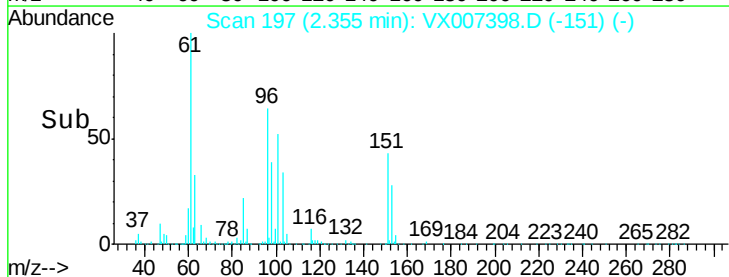
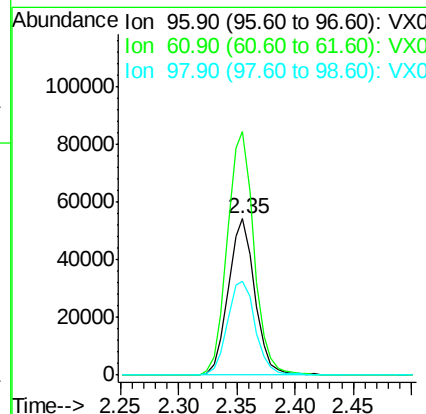
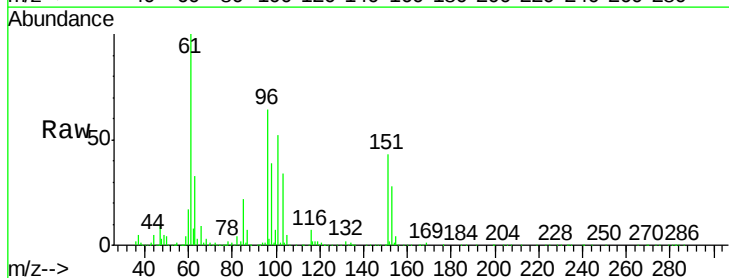
Tot Ion: 59 Resp: 5221
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

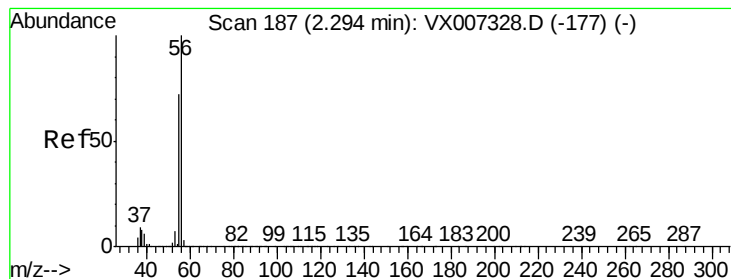


#12

1,1-Dichloroethene
Concen: 17.217 ug/l
RT: 2.35 min Scan# 197
Delta R.T. -0.02 min
Lab File: VX007398.D
Acq: 06 Feb 2019 14:38

Tgt Ion: 96 Resp: 85327
Ion Ratio Lower Upper
96 100
61 155.9 123.0 184.4
98 60.0 50.9 76.3





#13

Acrolein

Concen: 98.034 ug/l

RT: 2.31 min Scan# 189

Delta R.T. 0.01 min

Lab File: VX007398.D

Acq: 06 Feb 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

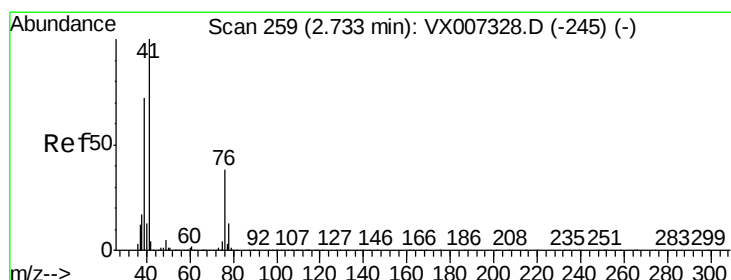
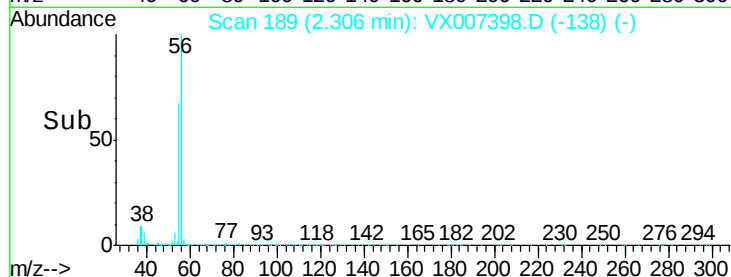
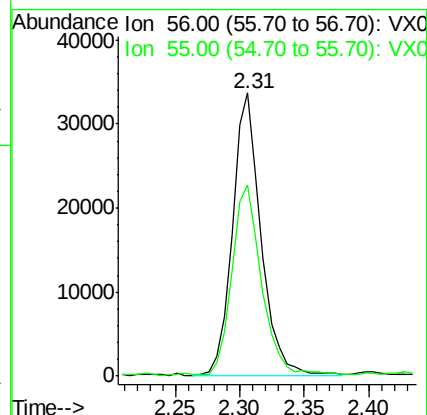
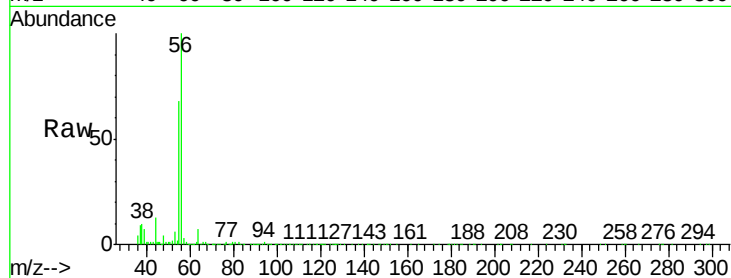
VX0206WBSD01

Tot Ion: 56 Resp: 52414

Ion Ratio Lower Upper

56 100

55 68.5 56.9 85.3



#14

Allyl chloride

Concen: 17.914 ug/l

RT: 2.71 min Scan# 256

Delta R.T. -0.02 min

Lab File: VX007398.D

Acq: 06 Feb 2019 14:38

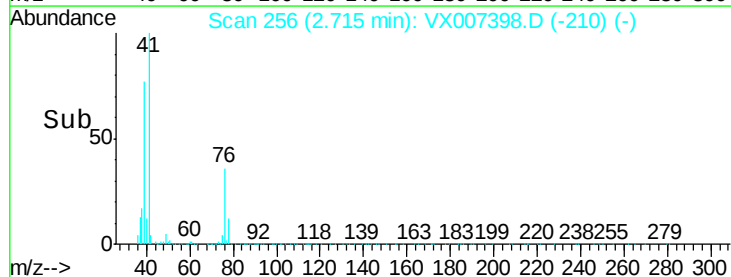
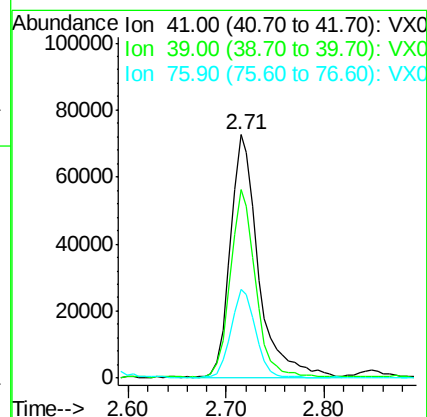
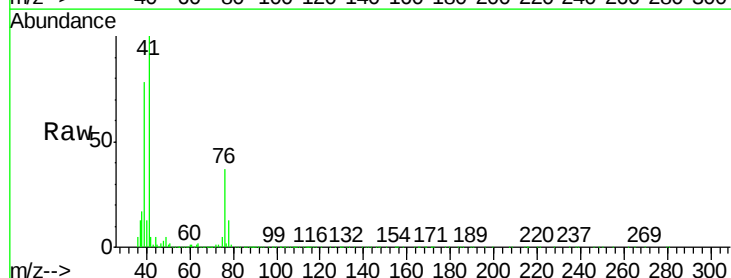
Tgt Ion: 41 Resp: 144655

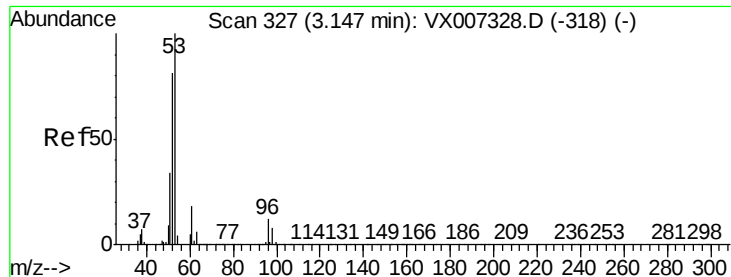
Ion Ratio Lower Upper

41 100

39 69.2 54.1 81.1

76 31.9 27.8 41.8





#15

Acrylonitrile

Concen: 88.530 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.02 min

Lab File: VX007398.D

Acq: 06 Feb 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBSD01

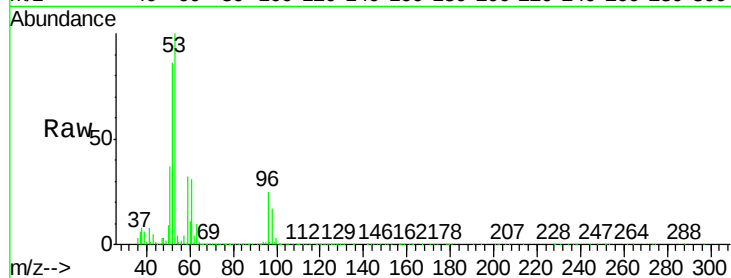
Tot Ion: 53 Resp: 249702

Ion Ratio Lower Upper

53 100

52 83.6 66.4 99.6

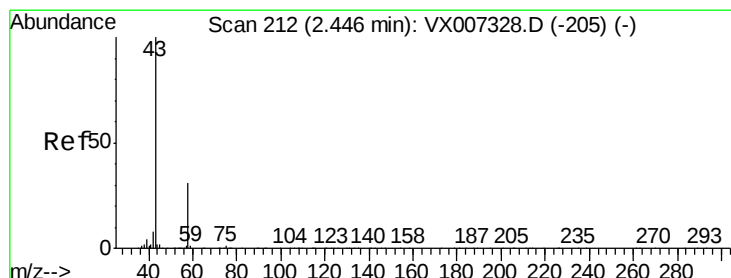
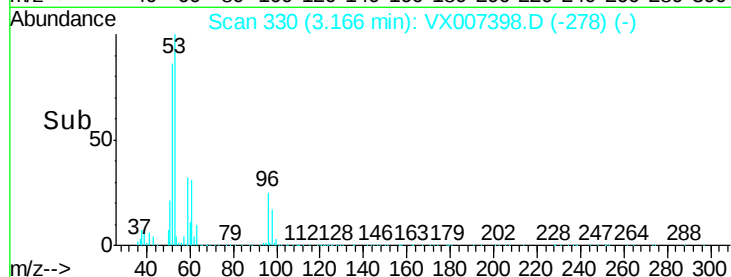
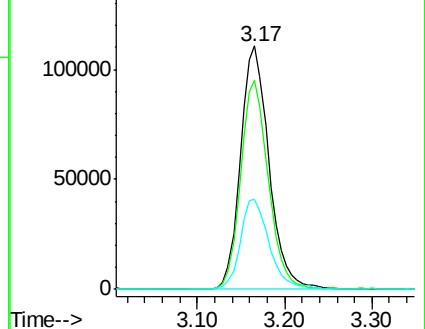
51 37.4 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 88.986 ug/l

RT: 2.48 min Scan# 217

Delta R.T. 0.03 min

Lab File: VX007398.D

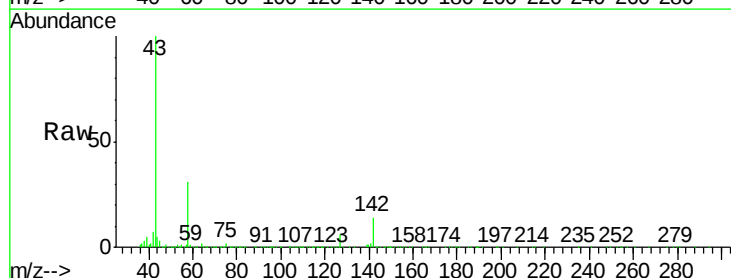
Acq: 06 Feb 2019 14:38

Tgt Ion: 43 Resp: 224573

Ion Ratio Lower Upper

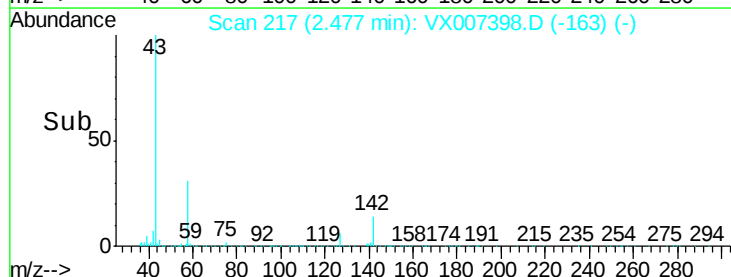
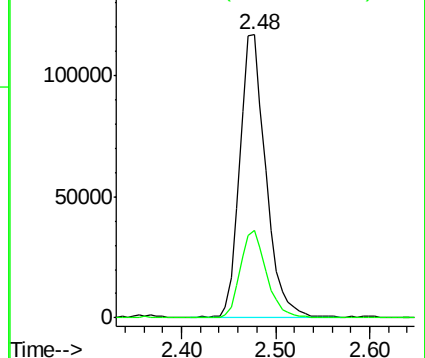
43 100

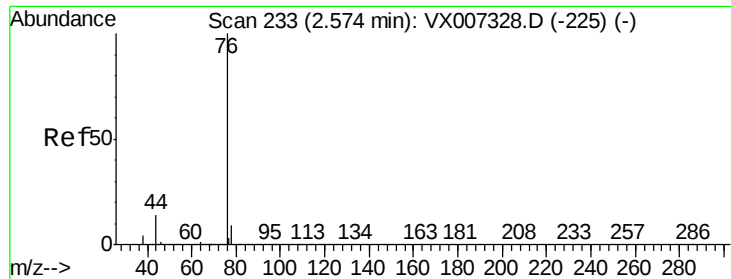
58 31.0 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 15.486 ug/l

RT: 2.55 min Scan# 229

Delta R.T. -0.02 min

Lab File: VX007398.D

Acq: 06 Feb 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

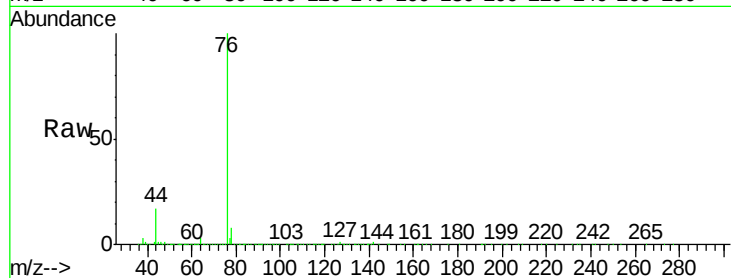
VX0206WBSD01

Tot Ion: 76 Resp: 180871

Ion Ratio Lower Upper

76 100

78 8.3 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

120000

100000

80000

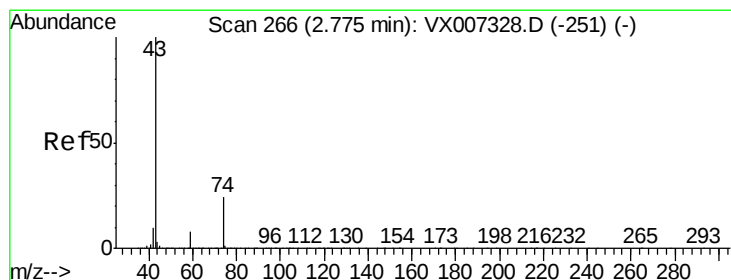
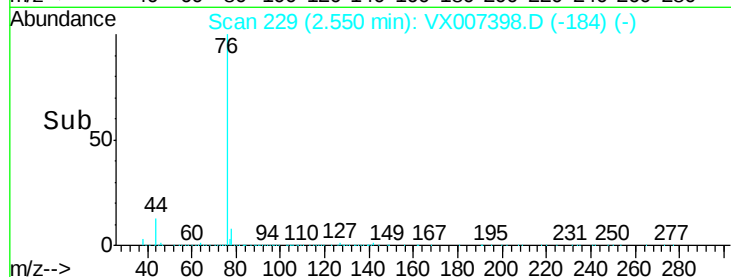
60000

40000

20000

0

Time--> 2.40 2.50 2.60 2.70



#18

Methyl Acetate

Concen: 22.332 ug/l

RT: 2.79 min Scan# 268

Delta R.T. 0.01 min

Lab File: VX007398.D

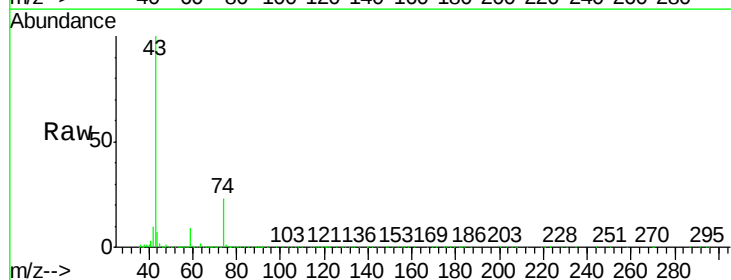
Acq: 06 Feb 2019 14:38

Tgt Ion: 43 Resp: 144660

Ion Ratio Lower Upper

43 100

74 21.9 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.79

80000

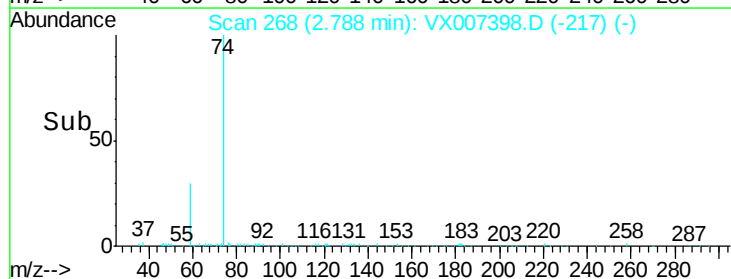
60000

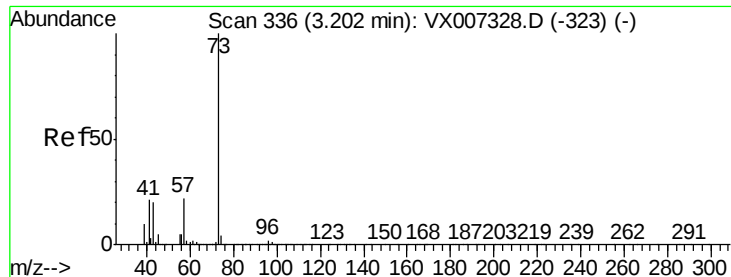
40000

20000

0

Time--> 2.70 2.80 2.90

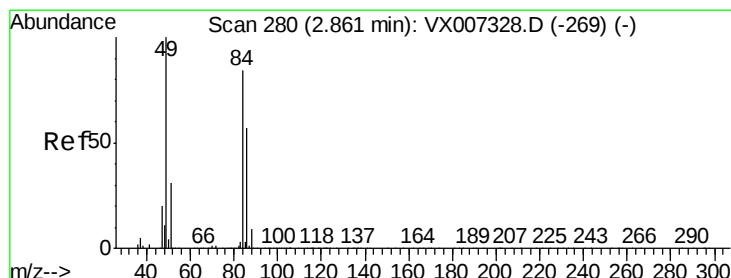
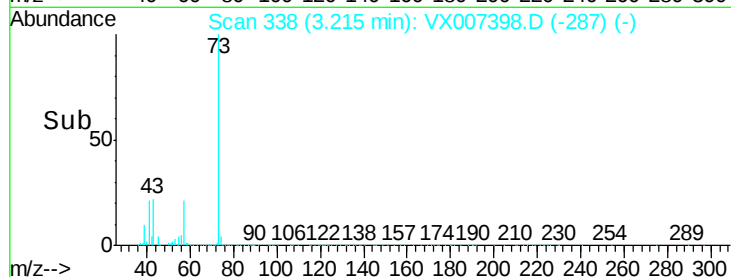
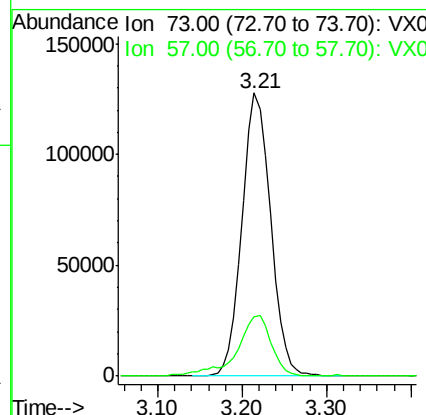
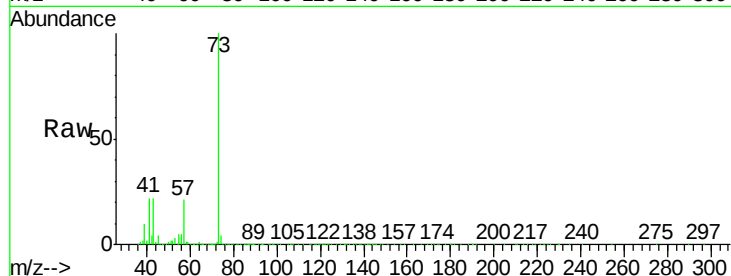




#19
Methyl tert-butyl Ether
Concen: 18.249 ug/l
RT: 3.21 min Scan# 338
Delta R.T. 0.01 min
Lab File: VX007398.D
Acq: 06 Feb 2019 14:38

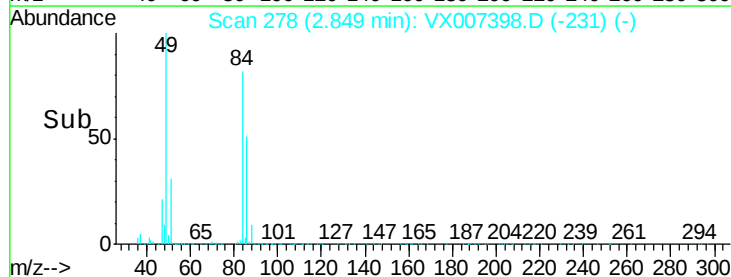
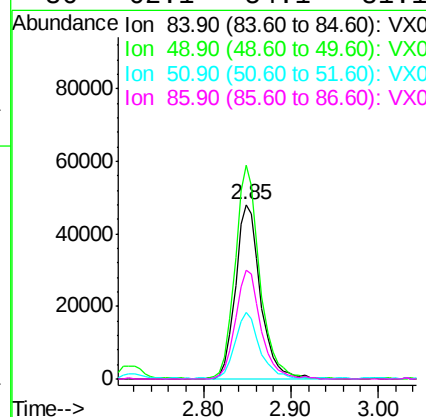
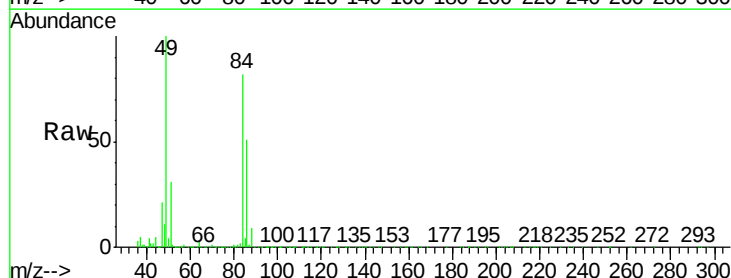
Instrument :
MSVOA_X
ClientSampleId :
VX0206WBSD01

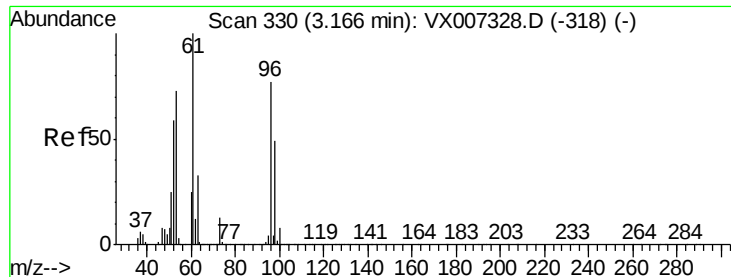
Tot Ion: 73 Resp: 292995
Ion Ratio Lower Upper
73 100
57 20.8 17.8 26.8



#20
Methylene Chloride
Concen: 18.347 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX007398.D
Acq: 06 Feb 2019 14:38

Tgt Ion: 84 Resp: 95858
Ion Ratio Lower Upper
84 100
49 122.2 94.8 142.2
51 37.5 29.8 44.8
86 62.1 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 17.041 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.01 min

Lab File: VX007398.D

Acq: 06 Feb 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBSD01

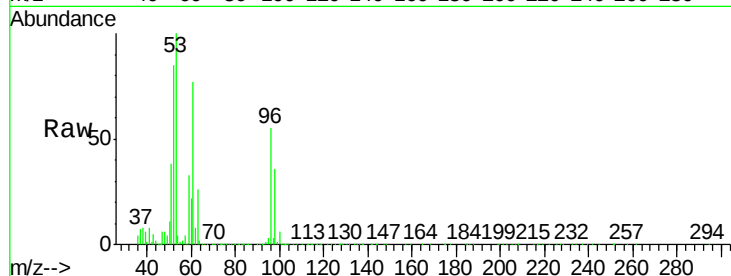
Tot Ion: 96 Resp: 89967

Ion Ratio Lower Upper

96 100

61 139.6 104.6 156.8

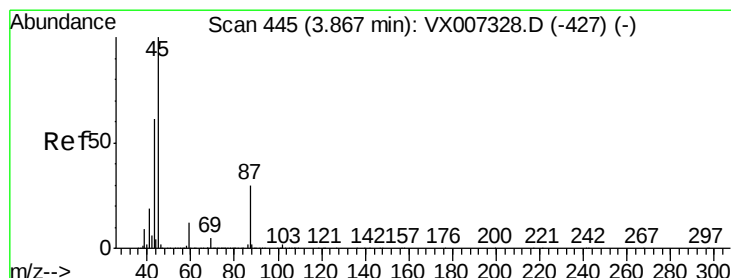
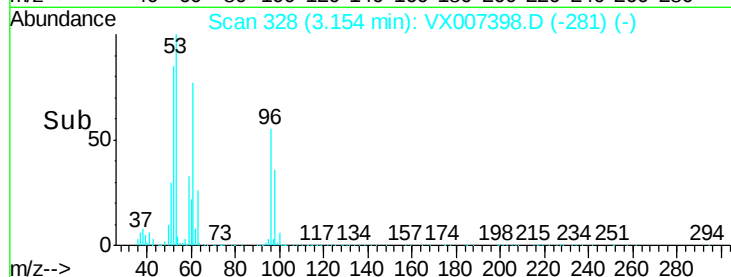
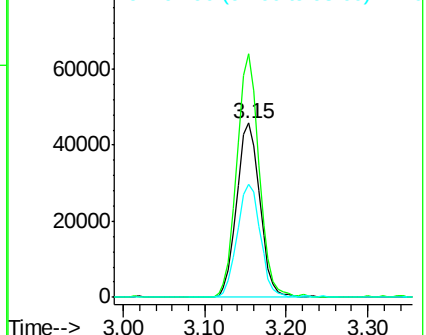
98 64.5 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 18.099 ug/l

RT: 3.88 min Scan# 447

Delta R.T. 0.01 min

Lab File: VX007398.D

Acq: 06 Feb 2019 14:38

Tgt Ion: 45 Resp: 268831

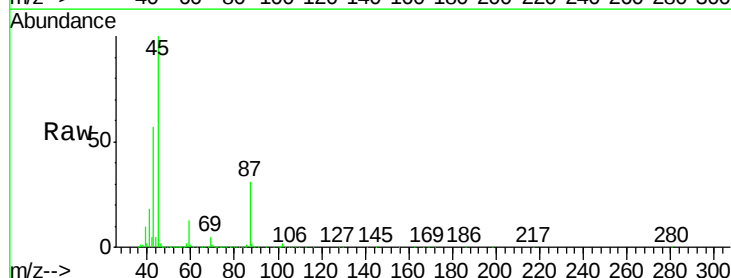
Ion Ratio Lower Upper

45 100

43 56.2 48.9 73.3

87 31.2 23.9 35.9

59 12.8 9.6 14.4

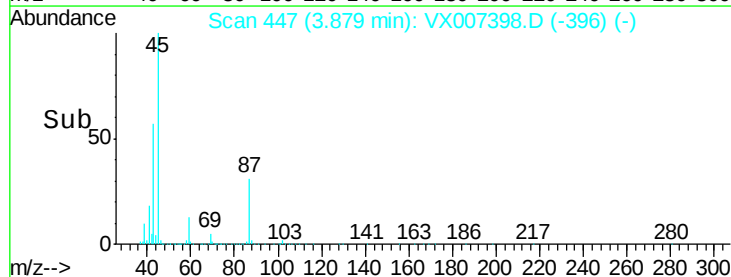
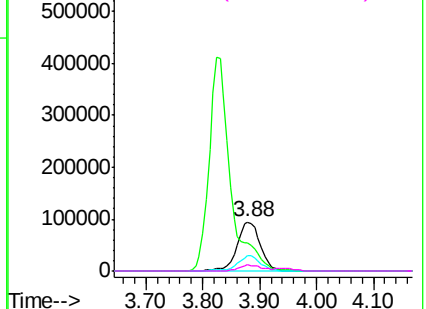


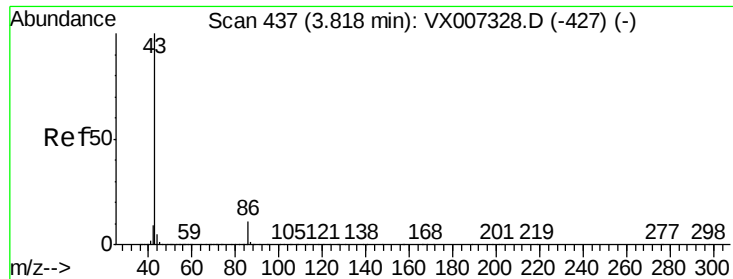
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 87.012 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007398.D

Acq: 06 Feb 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

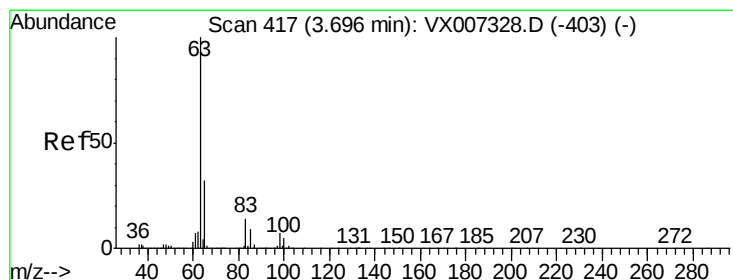
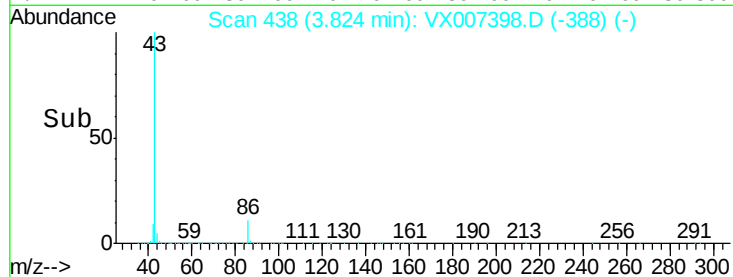
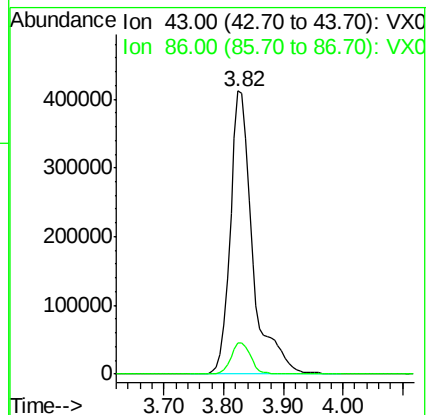
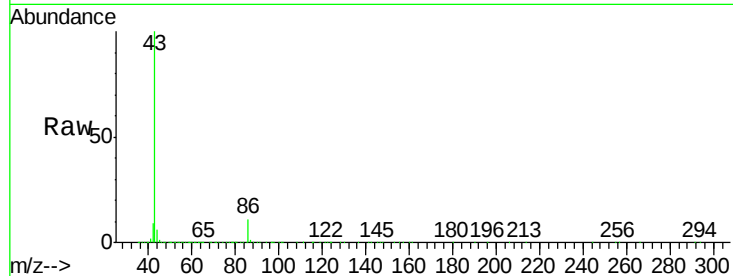
VX0206WBSD01

Tot Ion: 43 Resp: 1072497

Ion Ratio Lower Upper

43 100

86 11.1 8.7 13.1



#24

1,1-Dichloroethane

Concen: 17.628 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX007398.D

Acq: 06 Feb 2019 14:38

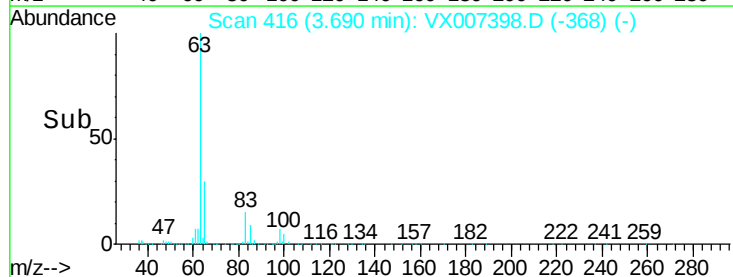
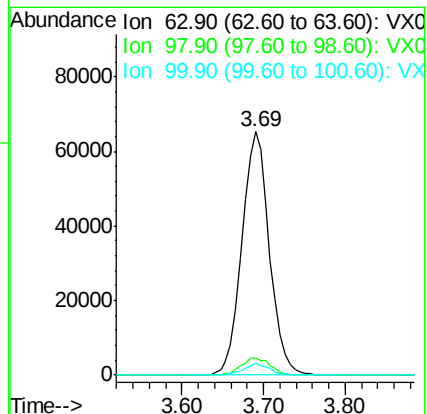
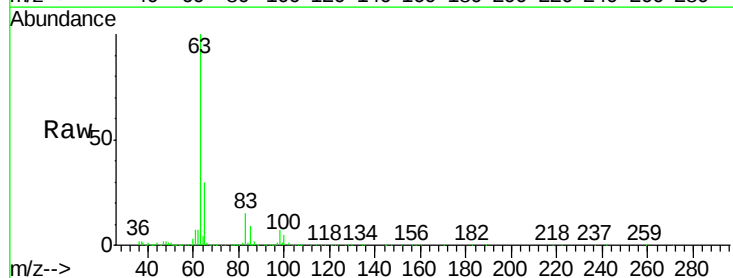
Tgt Ion: 63 Resp: 150371

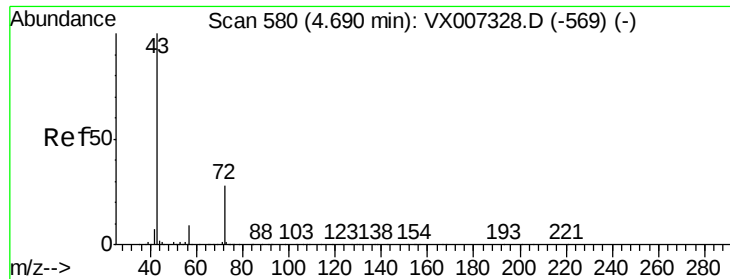
Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.8

100 4.9 2.5 7.4





#25

2-Butanone

Concen: 85.073 ug/l

RT: 4.72 min Scan# 585

Delta R.T. 0.03 min

Lab File: VX007398.D

Acq: 06 Feb 2019 14:38

Instrument :

MSVOA_X

ClientSampled :

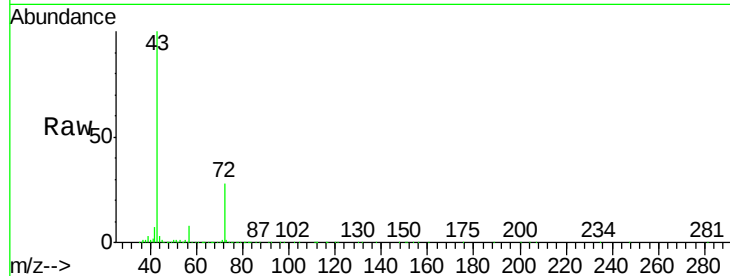
VX0206WBSD01

Tot Ion: 43 Resp: 305541

Ion Ratio Lower Upper

43 100

72 27.8 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.72

100000

80000

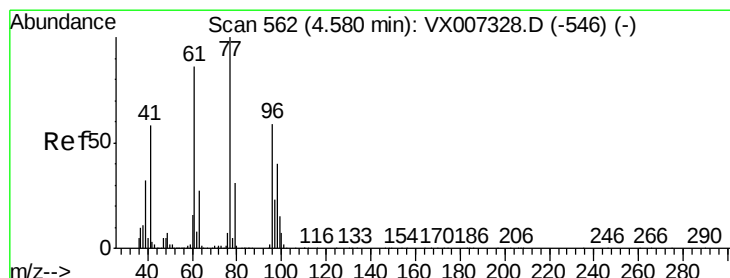
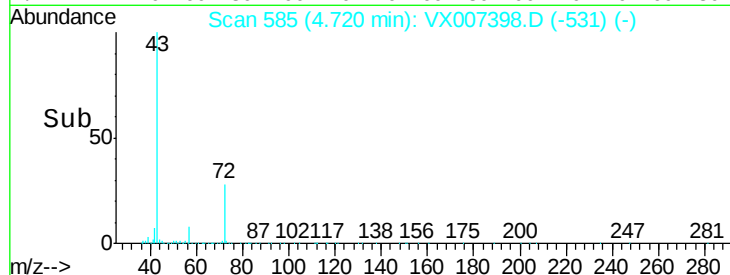
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 16.372 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX007398.D

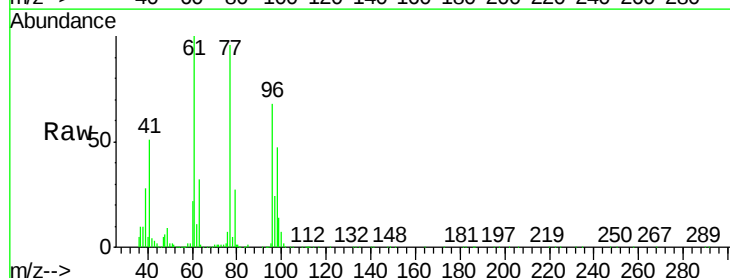
Acq: 06 Feb 2019 14:38

Tgt Ion: 77 Resp: 106355

Ion Ratio Lower Upper

77 100

97 25.8 12.1 36.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

40000

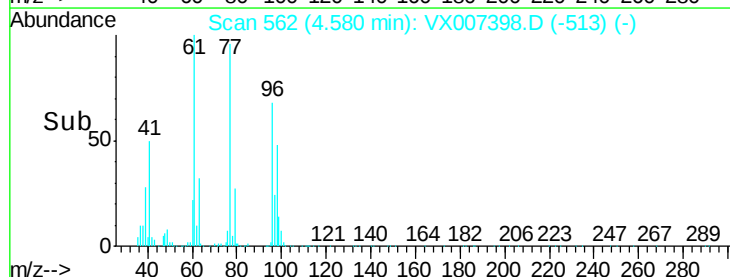
30000

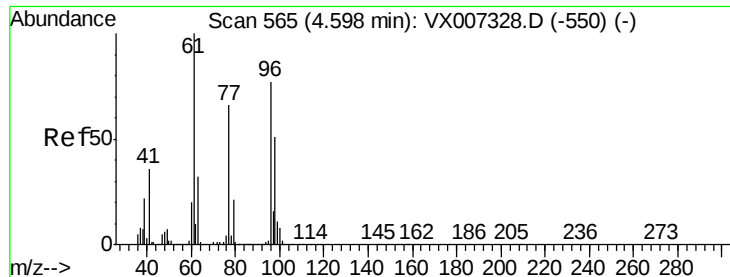
20000

10000

0

Time-->



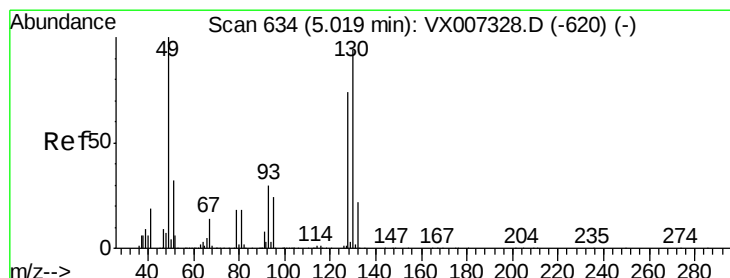
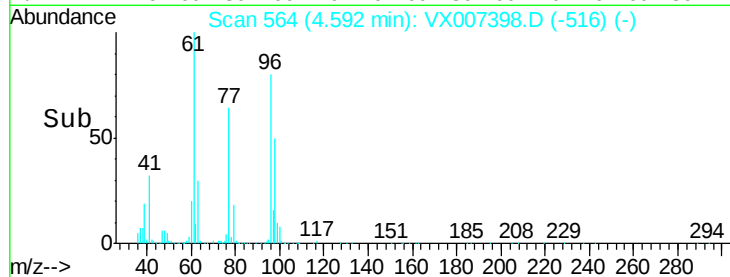
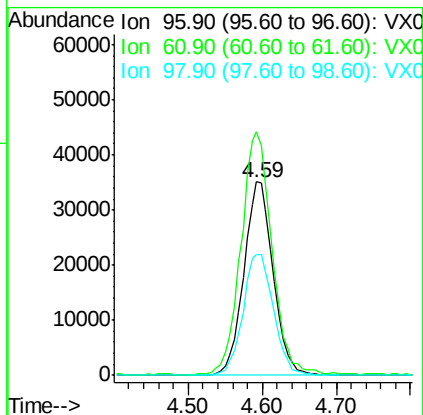
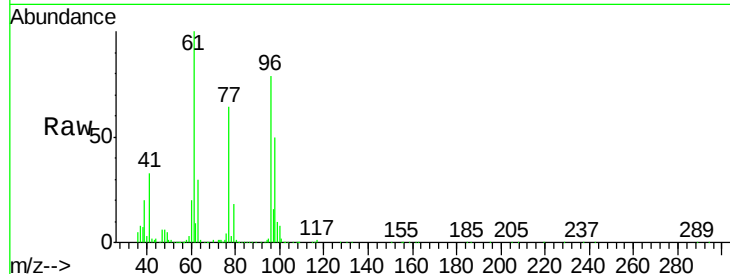


#27

cis-1,2-Dichloroethene
Concen: 16.791 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX007398.D
Acq: 06 Feb 2019 14:38

Instrument :
MSVOA_X
ClientSampleId :
VX0206WBSD01

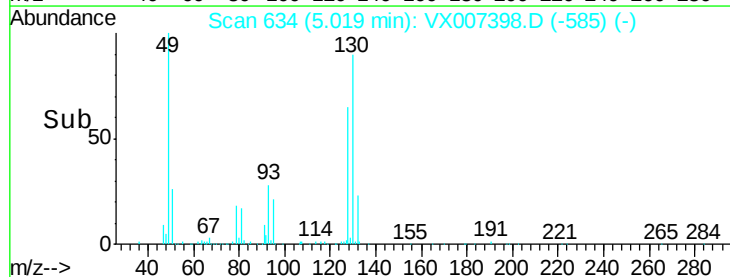
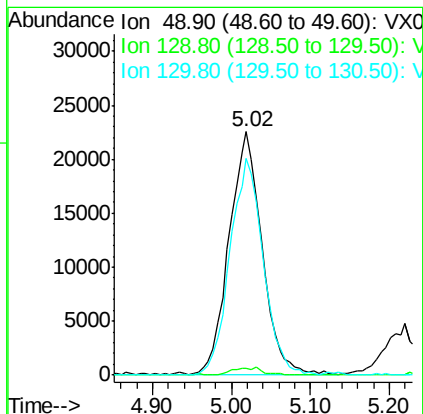
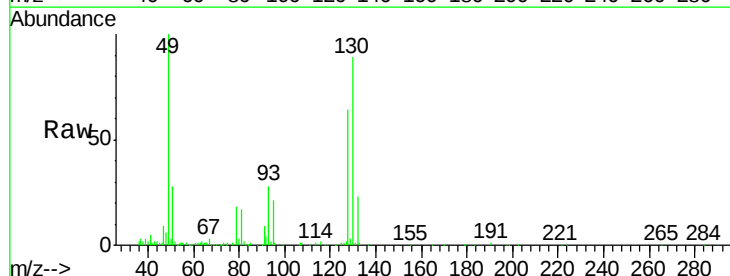
Tot Ion	96	Resp	96820
Ion	Ratio	Lower	Upper
96	100		
61	131.8	0.0	265.6
98	65.4	0.0	131.6

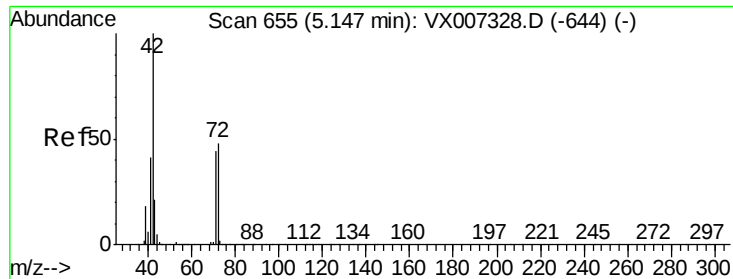


#28

Bromochloromethane
Concen: 16.705 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX007398.D
Acq: 06 Feb 2019 14:38

Tgt Ion	49	Resp	65529
Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	5.6
130	89.6	75.6	113.4

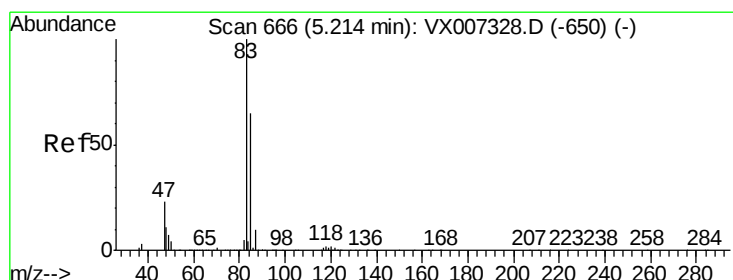
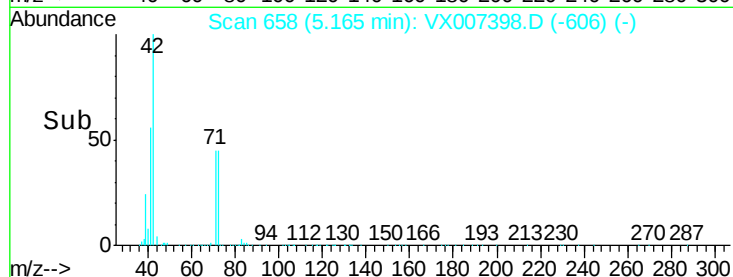
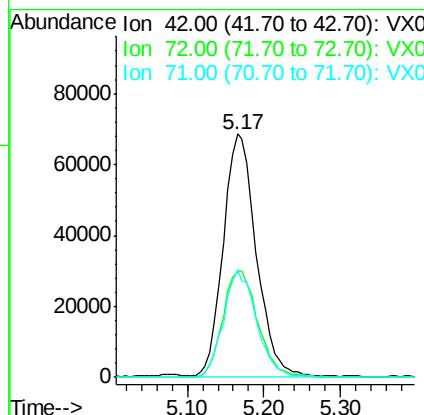
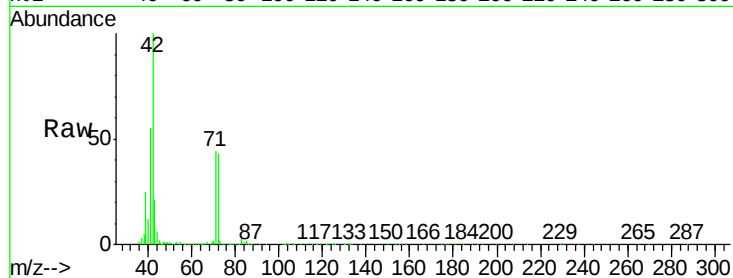




#29
Tetrahydrofuran
Concen: 90.472 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.02 min
Lab File: VX007398.D
Acq: 06 Feb 2019 14:38

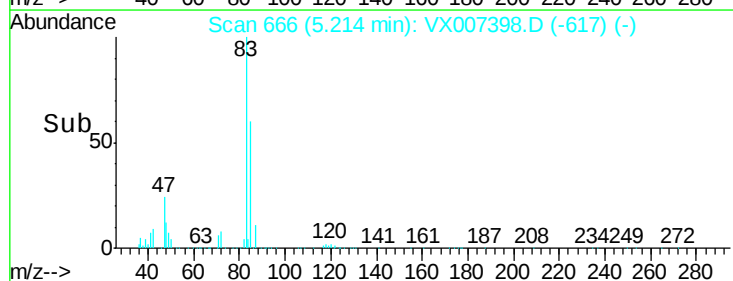
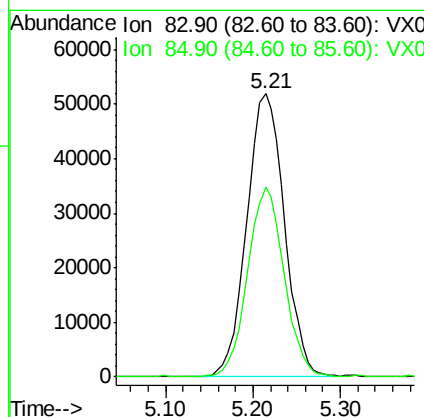
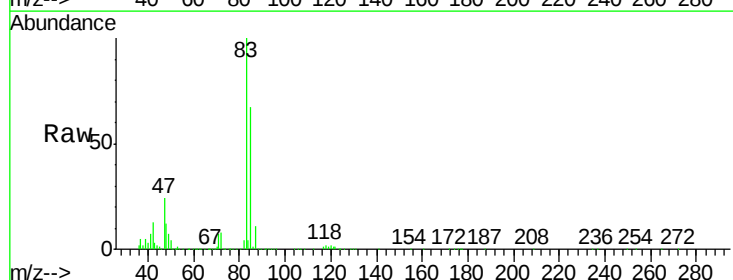
Instrument :
MSVOA_X
ClientSampleId :
VX0206WBSD01

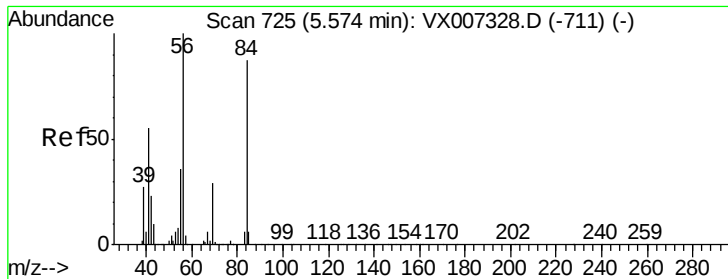
Tot Ion: 42 Resp: 204359
Ion Ratio Lower Upper
42 100
72 46.6 37.6 56.4
71 44.3 34.6 51.8



#30
Chloroform
Concen: 17.468 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007398.D
Acq: 06 Feb 2019 14:38

Tgt Ion: 83 Resp: 155481
Ion Ratio Lower Upper
83 100
85 67.0 51.6 77.4





#31

Cyclohexane

Concen: 17.142 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX007398.D

Acq: 06 Feb 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBSD01

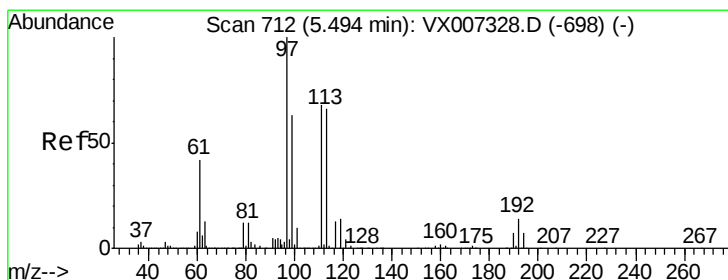
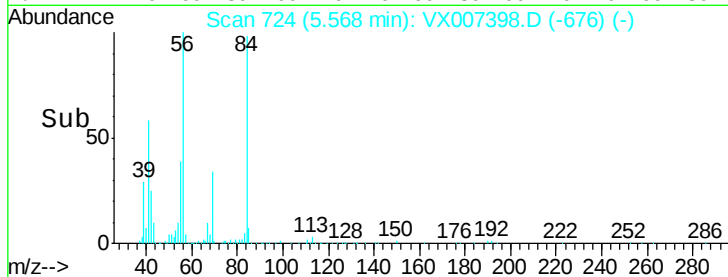
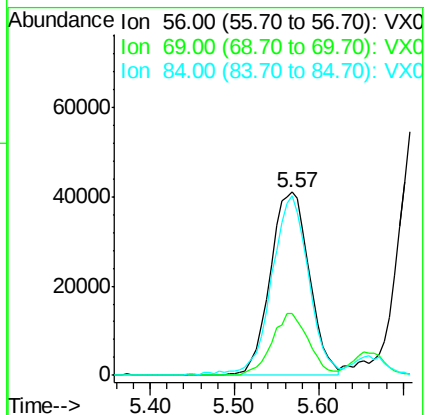
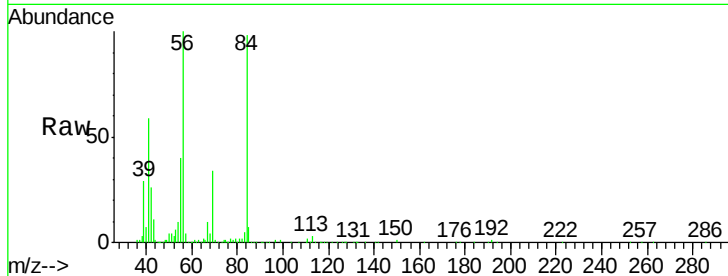
Tot Ion: 56 Resp: 131324

Ion Ratio Lower Upper

56 100

69 33.9 23.0 34.6

84 97.3 69.8 104.6



#32

1,1,1-Trichloroethane

Concen: 17.112 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX007398.D

Acq: 06 Feb 2019 14:38

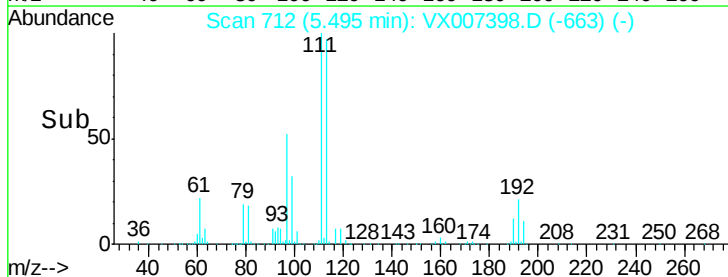
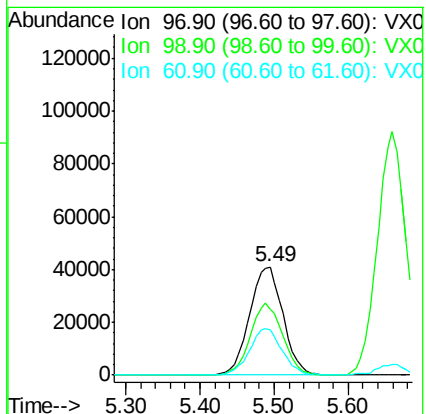
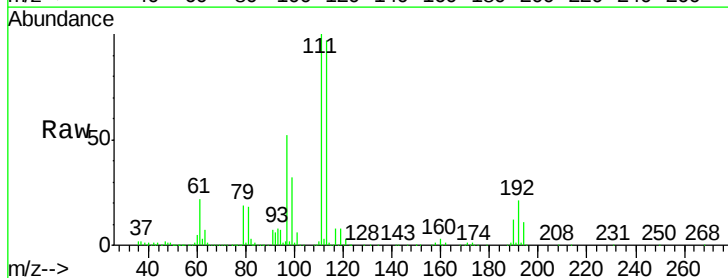
Tgt Ion: 97 Resp: 128569

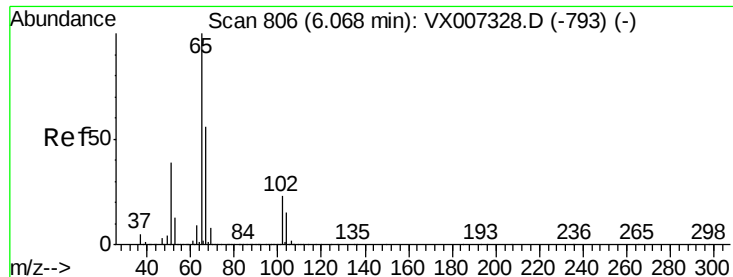
Ion Ratio Lower Upper

97 100

99 64.8 52.2 78.2

61 42.0 32.7 49.1





#33

1,2-Dichloroethane-d4

Concen: 48.554 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007398.D

Acq: 06 Feb 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

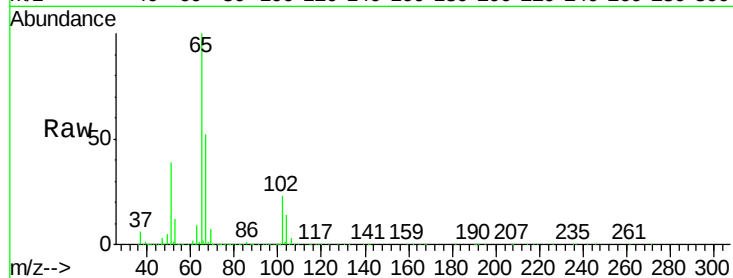
VX0206WBSD01

Tot Ion: 65 Resp: 267500

Ion Ratio Lower Upper

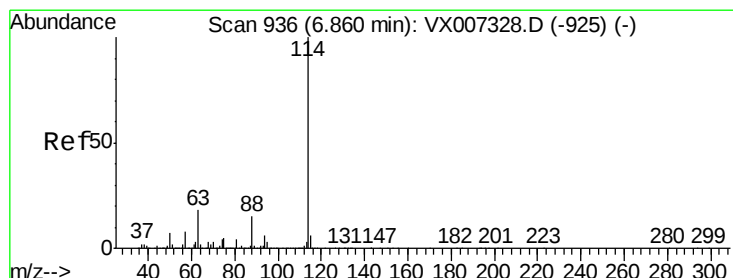
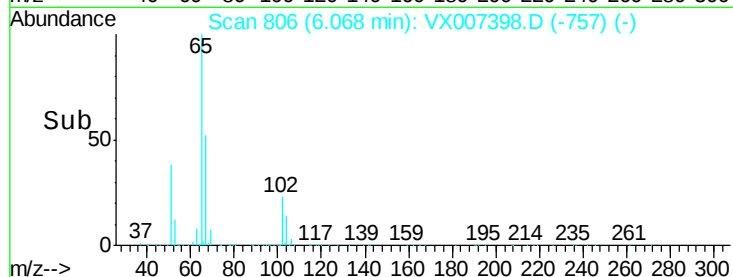
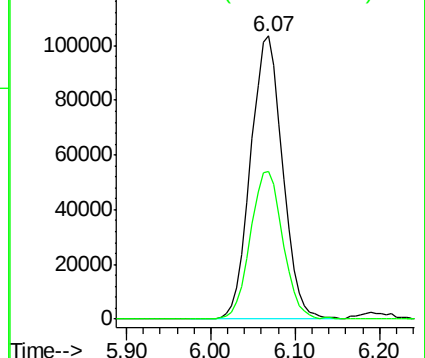
65 100

67 52.6 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007398.D

Acq: 06 Feb 2019 14:38

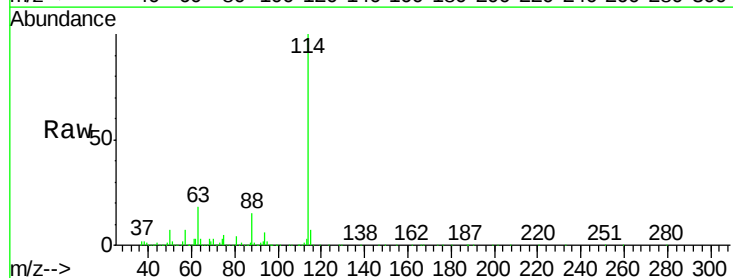
Tgt Ion: 114 Resp: 744832

Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.6

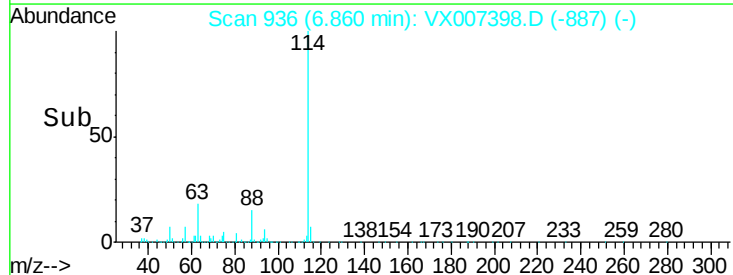
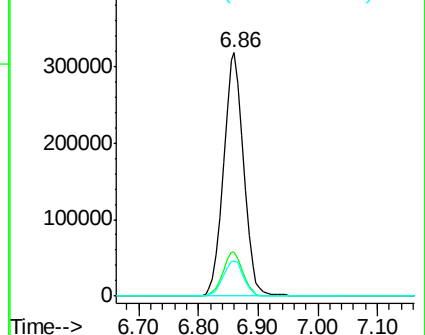
88 14.5 0.0 29.6

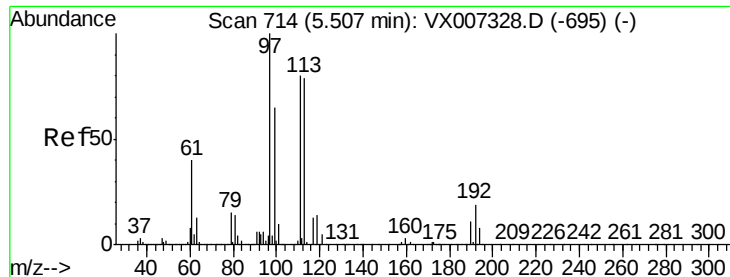


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.949 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007398.D

Acq: 06 Feb 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBSD01

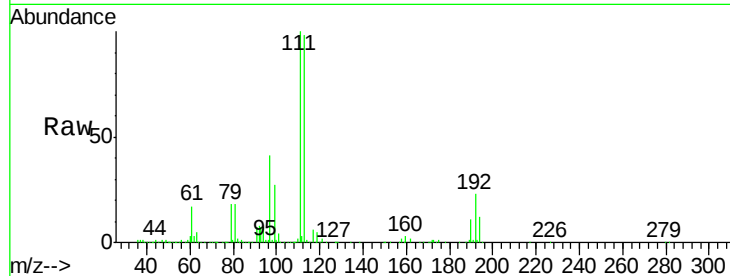
Tot Ion:113 Resp: 237222

Ion Ratio Lower Upper

113 100

111 101.8 81.8 122.8

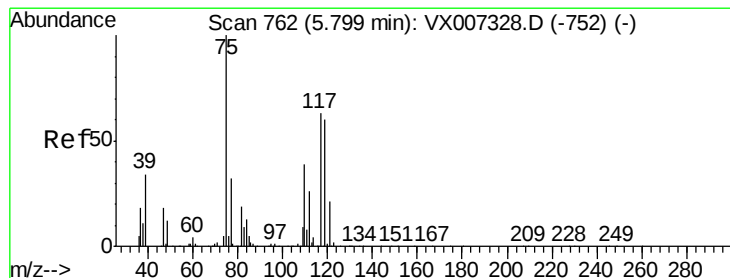
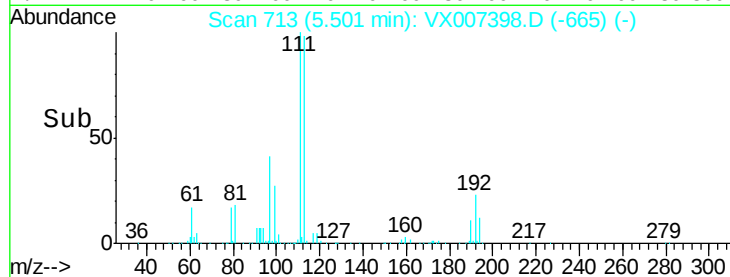
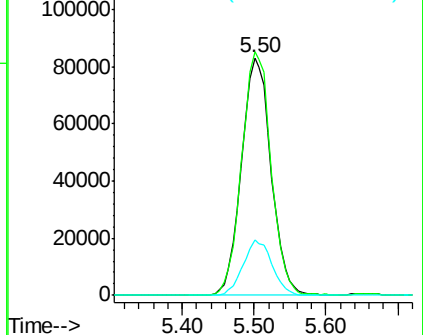
192 22.8 18.5 27.7



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: 16.571 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX007398.D

Acq: 06 Feb 2019 14:38

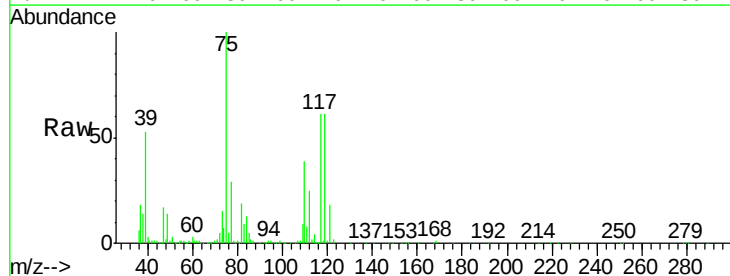
Tgt Ion: 75 Resp: 110746

Ion Ratio Lower Upper

75 100

110 39.8 20.0 59.9

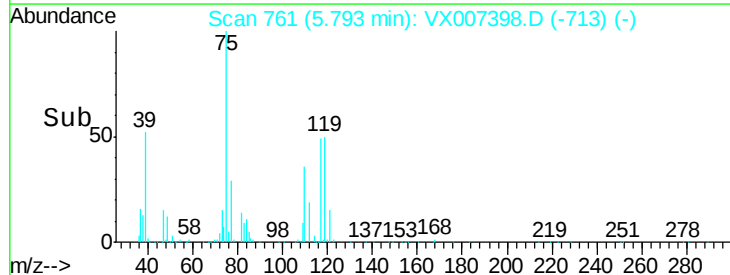
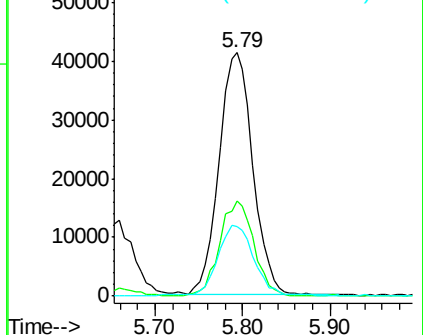
77 30.8 24.7 37.1

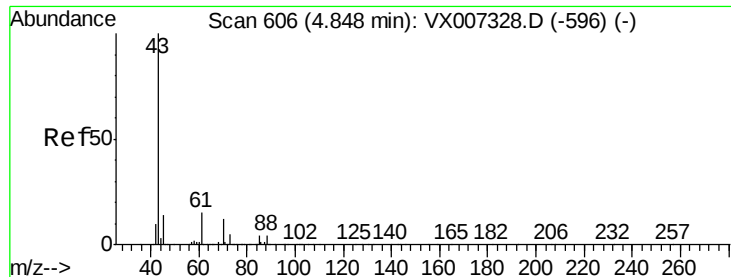


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

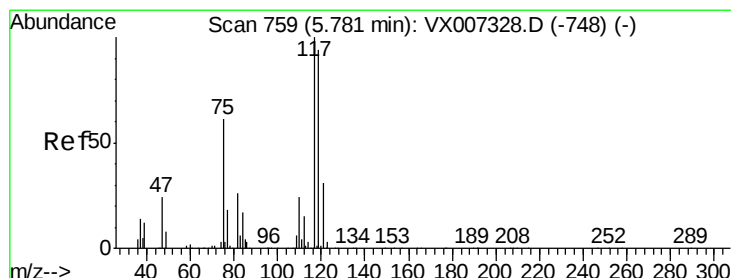
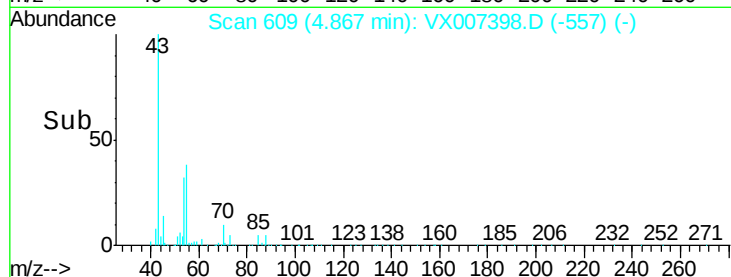
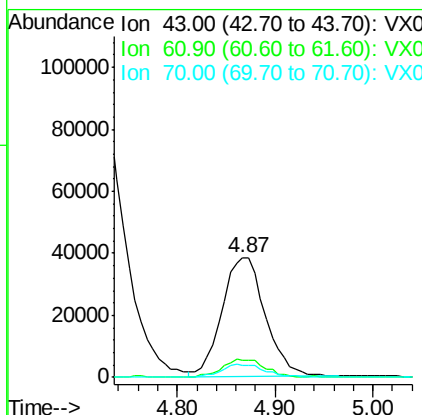
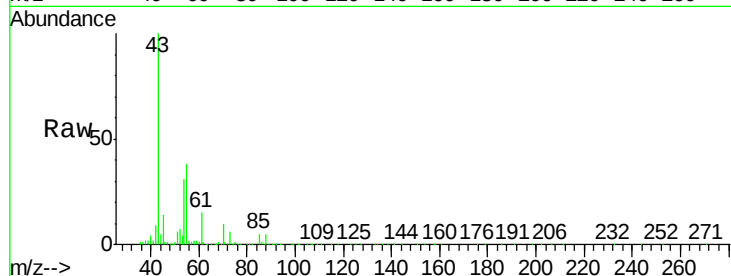




#37
Ethyl Acetate
Concen: 17.416 ug/l
RT: 4.87 min Scan# 609
Delta R.T. 0.02 min
Lab File: VX007398.D
Acq: 06 Feb 2019 14:38

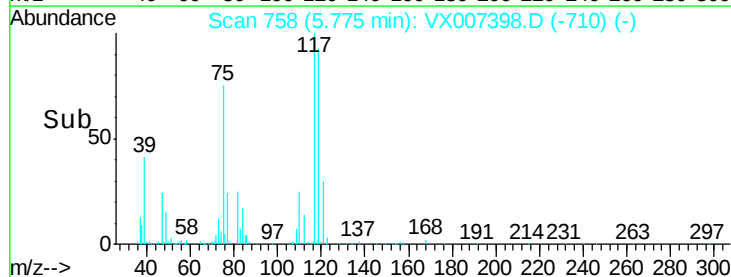
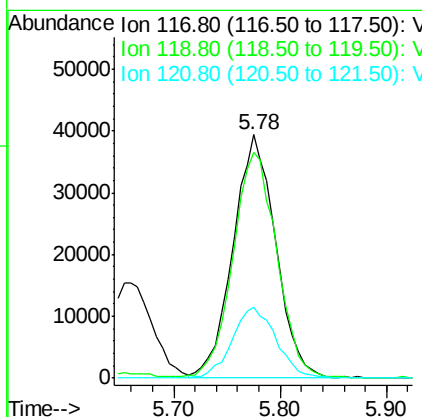
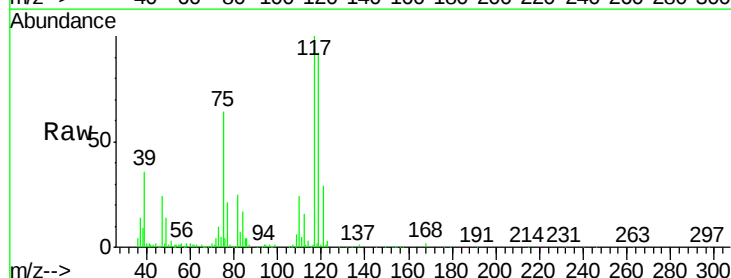
Instrument :
MSVOA_X
ClientSampleID :
VX0206WBSD01

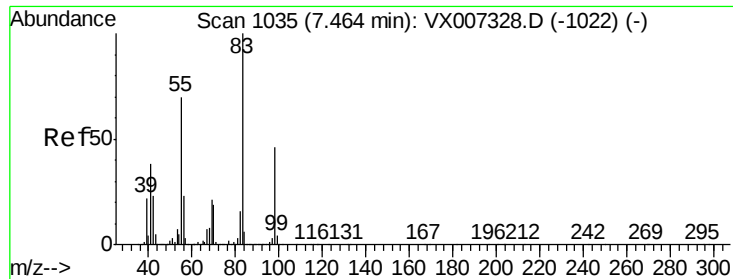
Tot Ion: 43 Resp: 117655
Ion Ratio Lower Upper
43 100
61 14.2 11.3 16.9
70 11.3 8.6 13.0



#38
Carbon Tetrachloride
Concen: 16.924 ug/l
RT: 5.78 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX007398.D
Acq: 06 Feb 2019 14:38

Tgt Ion: 117 Resp: 109727
Ion Ratio Lower Upper
117 100
119 92.3 75.3 112.9
121 29.3 25.0 37.4

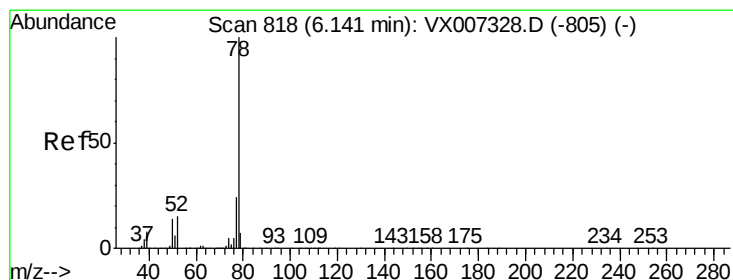
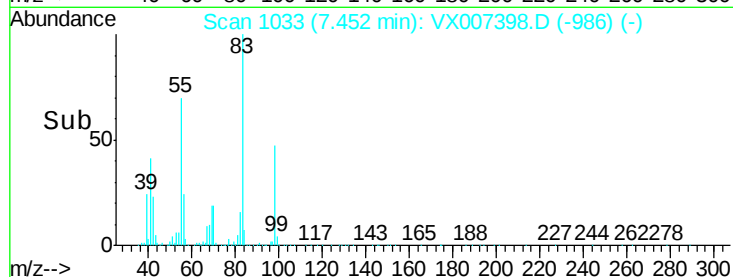
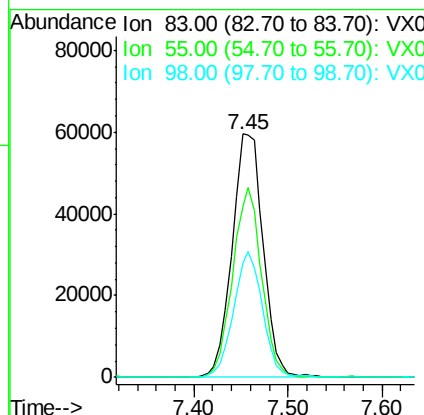
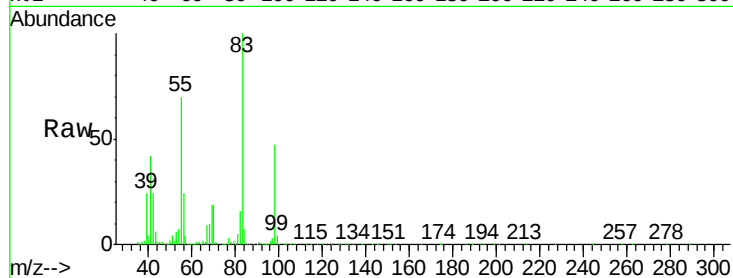




#39
Methvlcvclohexane
Concen: 16.885 ug/l
RT: 7.45 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VX007398.D
Acq: 06 Feb 2019 14:38

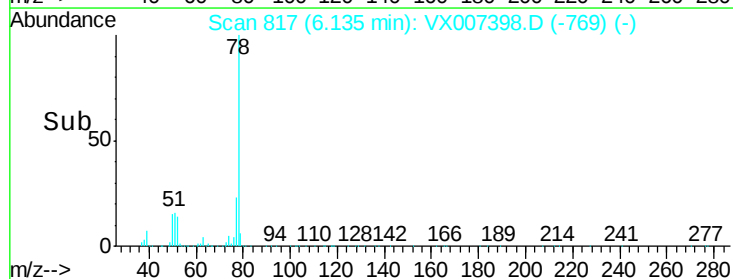
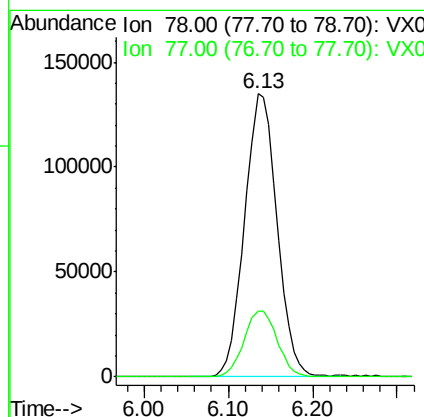
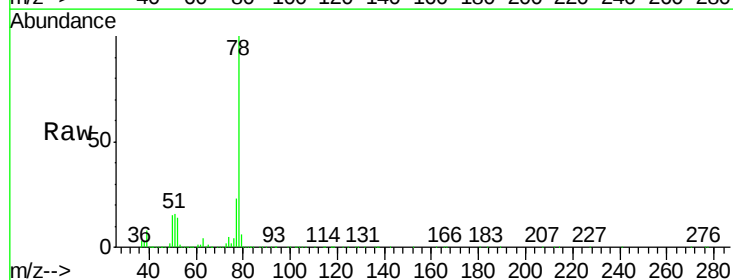
Instrument :
MSVOA_X
ClientSampleId :
VX0206WBSD01

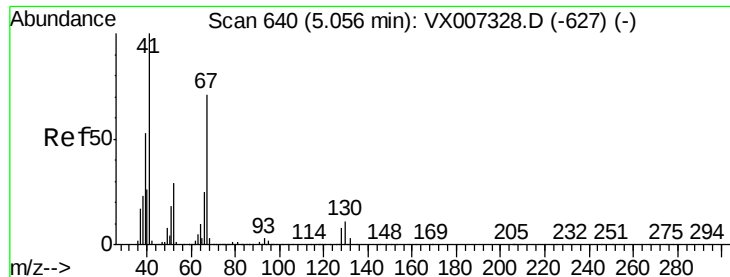
Tot Ion	83	Resp	136526
Ion Ratio	Lower	Upper	
83	100		
55	69.6	56.2	84.2
98	46.7	36.8	55.2



#40
Benzene
Concen: 17.914 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX007398.D
Acq: 06 Feb 2019 14:38

Tgt Ion	78	Resp	352660
Ion Ratio	Lower	Upper	
78	100		
77	23.4	19.3	28.9





#41

Methacrylonitrile

Concen: 18.185 ug/l

RT: 5.07 min Scan# 642

Delta R.T. 0.01 min

Lab File: VX007398.D

Acq: 06 Feb 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBSD01

Tot Ion: 41 Resp: 65843

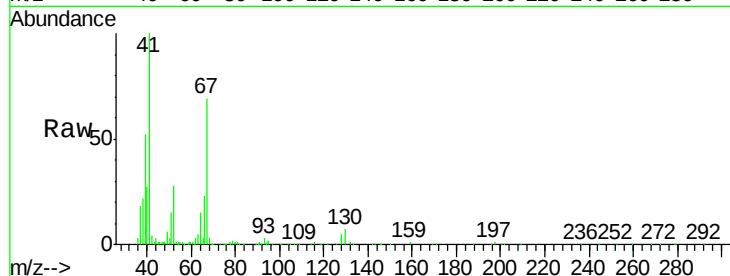
Ion Ratio Lower Upper

41 100

39 51.0 44.5 66.7

67 76.5 60.4 90.6

52 28.5 24.1 36.1

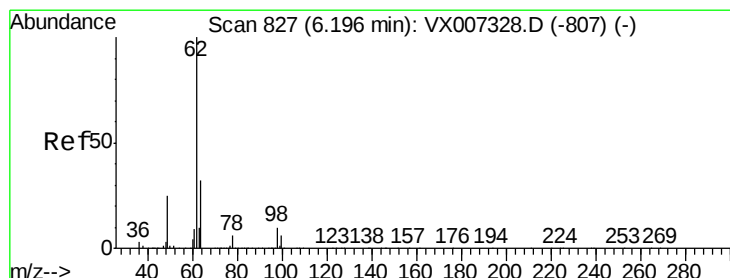
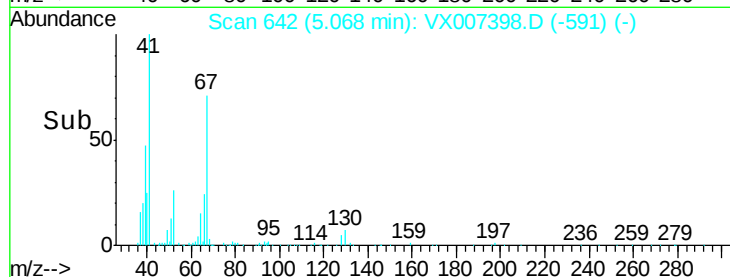
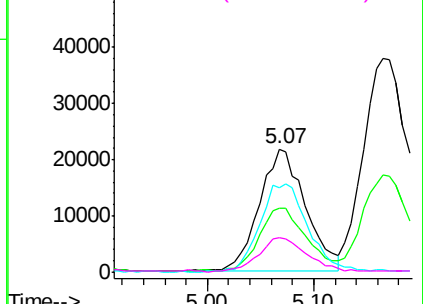


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 17.579 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX007398.D

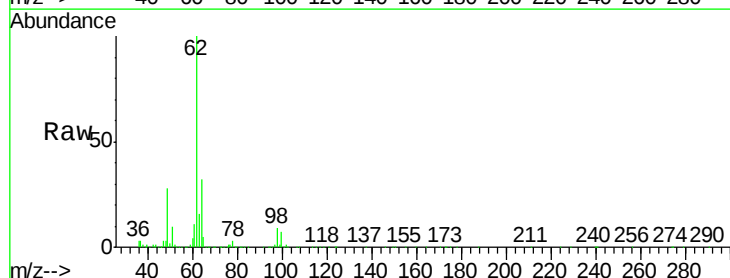
Acq: 06 Feb 2019 14:38

Tgt Ion: 62 Resp: 119732

Ion Ratio Lower Upper

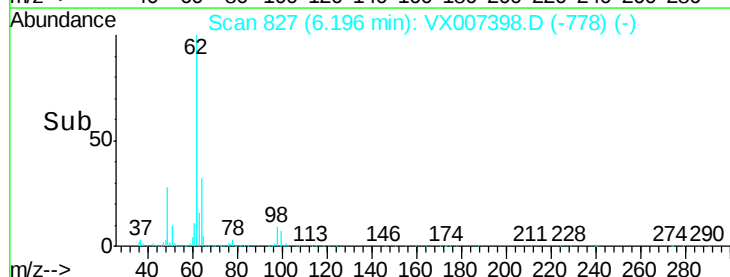
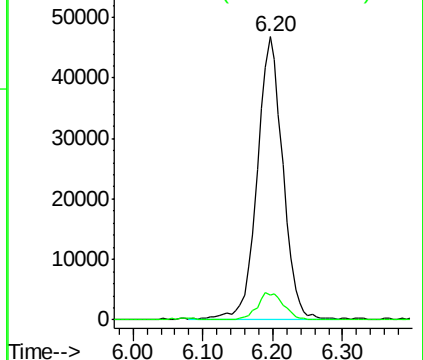
62 100

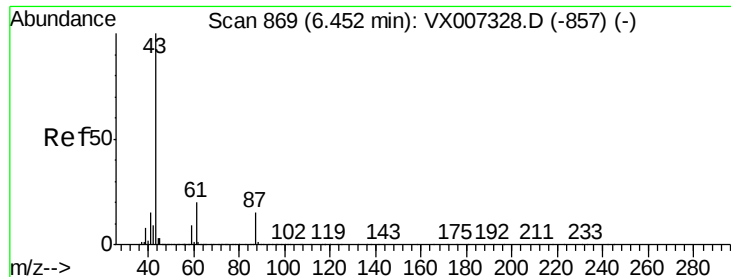
98 9.8 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



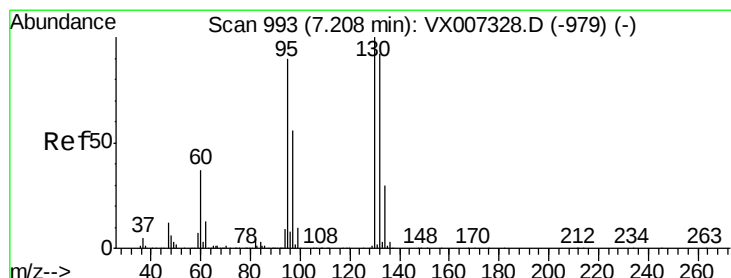
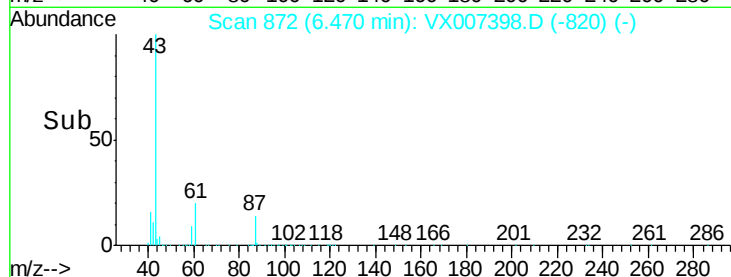
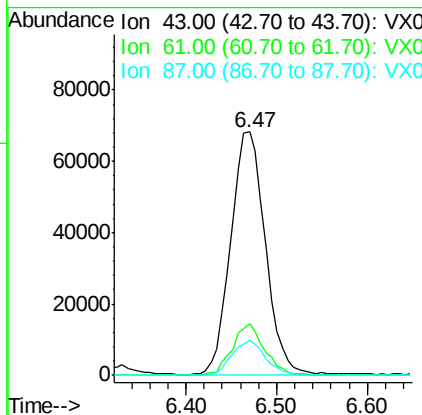
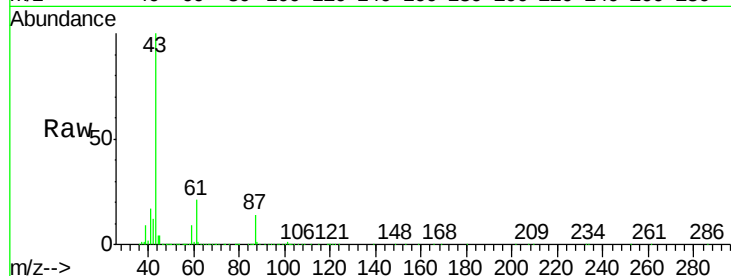


#43

Isopropyl Acetate
 Concen: 17.242 ug/l
 RT: 6.47 min Scan# 872
 Delta R.T. 0.02 min
 Lab File: VX007398.D
 Acq: 06 Feb 2019 14:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206WBSD01

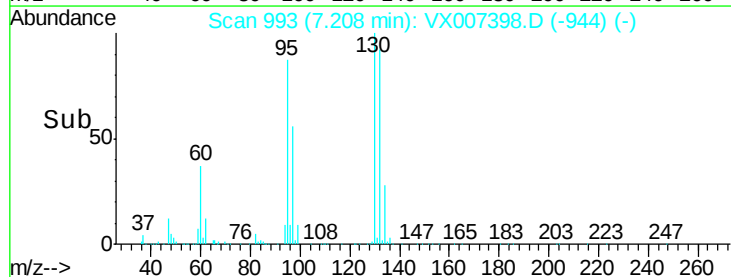
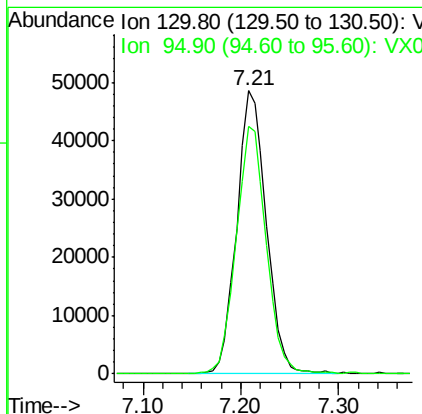
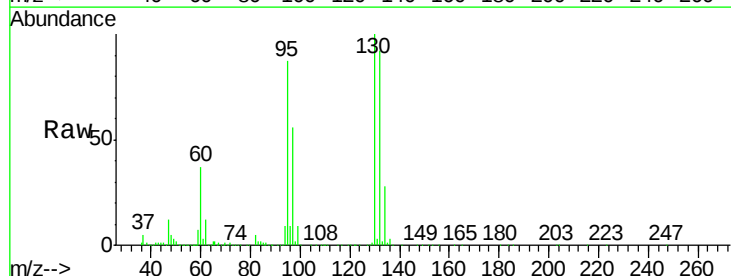
Tot Ion: 43 Resp: 179791
 Ion Ratio Lower Upper
 43 100
 61 20.0 16.1 24.1
 87 14.1 11.5 17.3

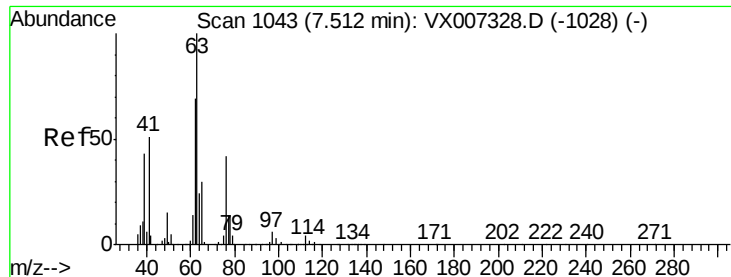


#44

Trichloroethene
 Concen: 17.158 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: VX007398.D
 Acq: 06 Feb 2019 14:38

Tgt Ion: 130 Resp: 101731
 Ion Ratio Lower Upper
 130 100
 95 87.3 0.0 180.0





#45

1,2-Dichloropropane

Concen: 17.435 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX007398.D

Acq: 06 Feb 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

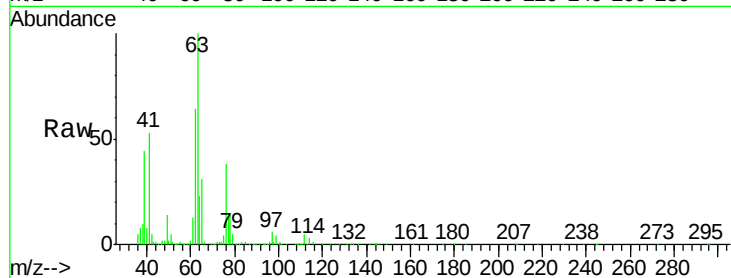
VX0206WBSD01

Tot Ion: 63 Resp: 85995

Ion Ratio Lower Upper

63 100

65 30.4 24.2 36.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

40000

30000

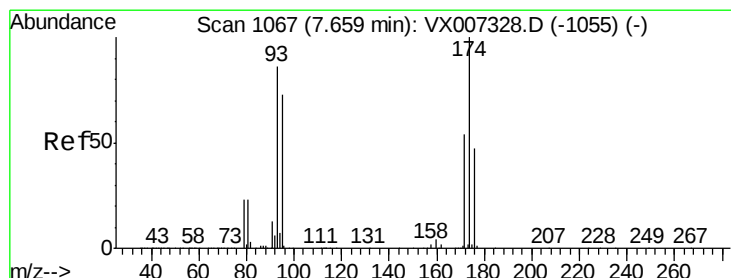
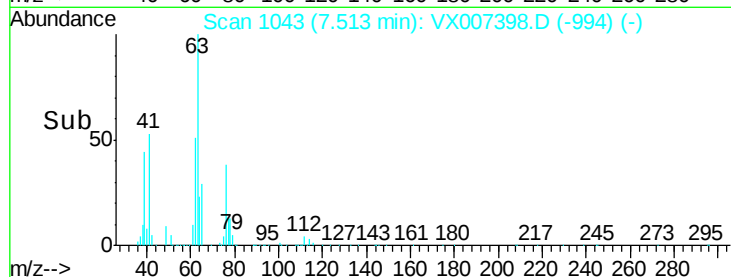
20000

10000

0

Time-->

7.45 7.50 7.55 7.60



#46

Dibromomethane

Concen: 16.916 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX007398.D

Acq: 06 Feb 2019 14:38

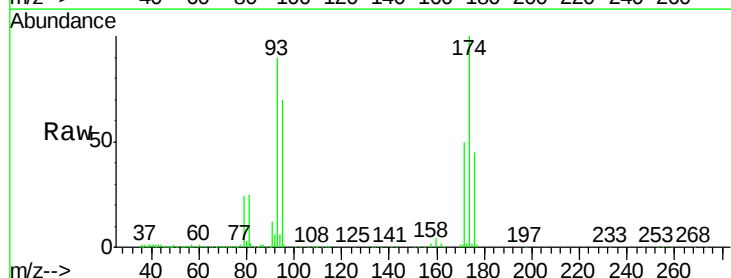
Tgt Ion: 93 Resp: 60643

Ion Ratio Lower Upper

93 100

95 82.3 67.6 101.4

174 117.1 94.2 141.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

7.66

40000

30000

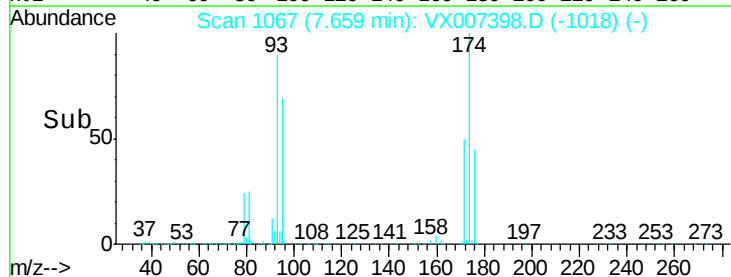
20000

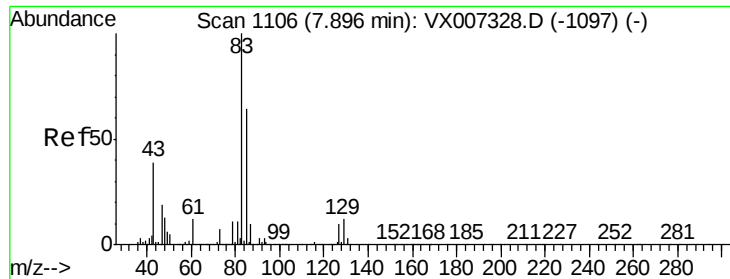
10000

0

Time-->

7.60 7.70 7.80





#47

Bromodichloromethane

Concen: 15.873 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007398.D

Acq: 06 Feb 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBSD01

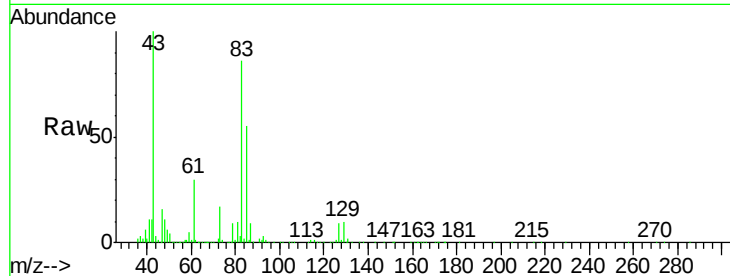
Tot Ion: 83 Resp: 96434

Ion Ratio Lower Upper

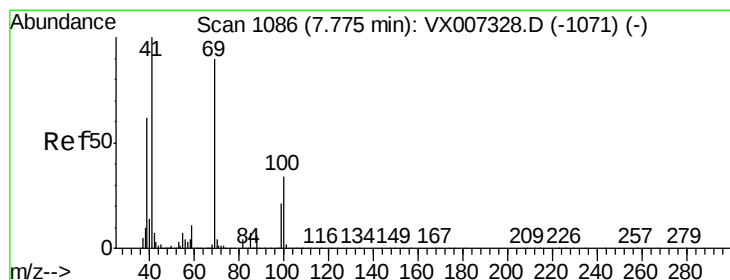
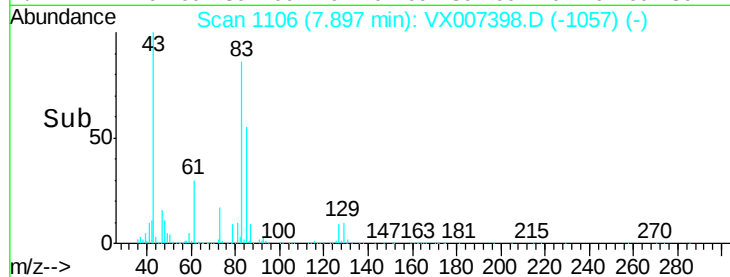
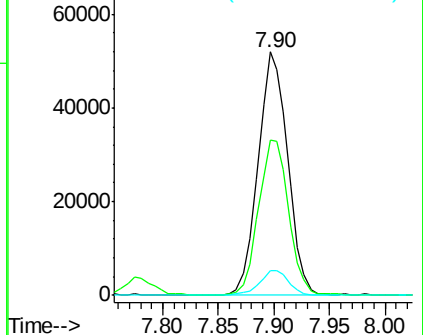
83 100

85 63.5 51.4 77.0

127 10.4 8.1 12.1



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 17.344 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. 0.01 min

Lab File: VX007398.D

Acq: 06 Feb 2019 14:38

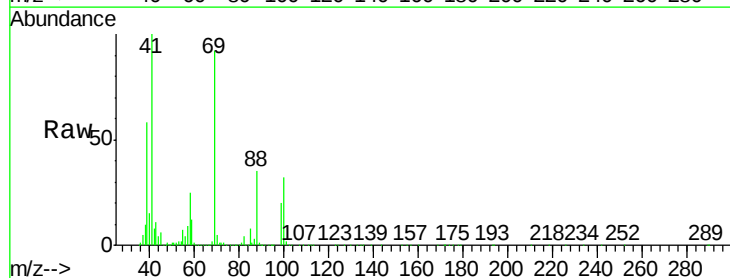
Tgt Ion: 41 Resp: 90462

Ion Ratio Lower Upper

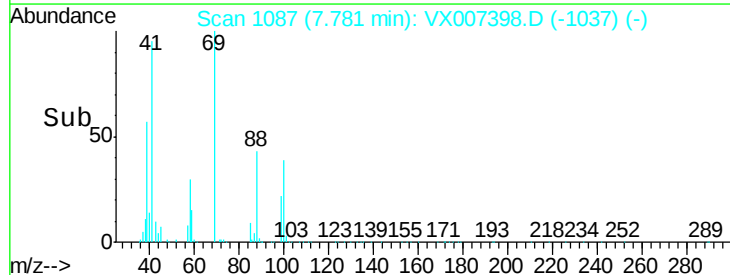
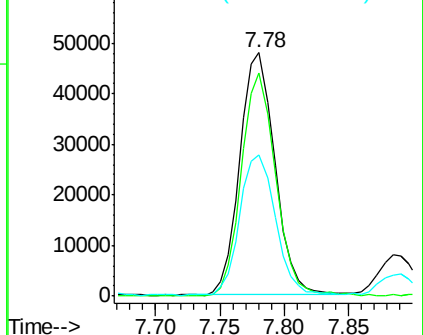
41 100

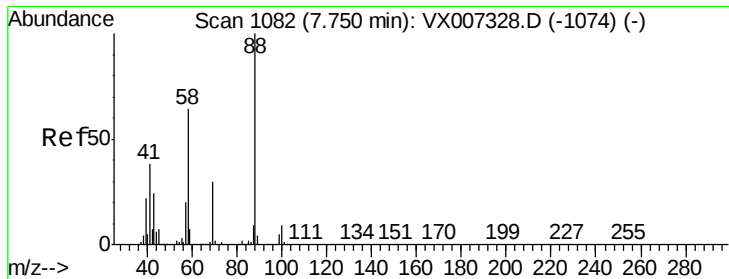
69 90.0 70.2 105.4

39 59.3 47.4 71.0



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 392.789 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.02 min

Lab File: VX007398.D

Acq: 06 Feb 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBSD01

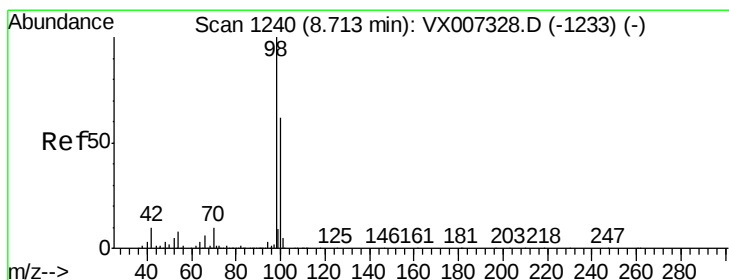
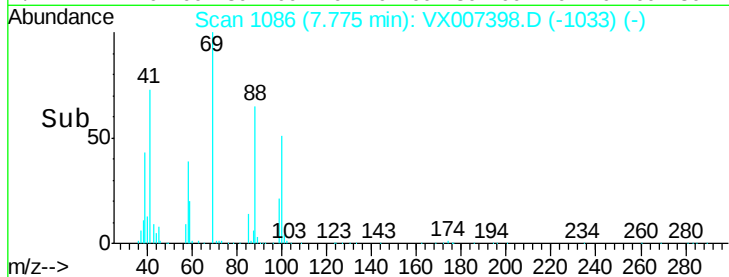
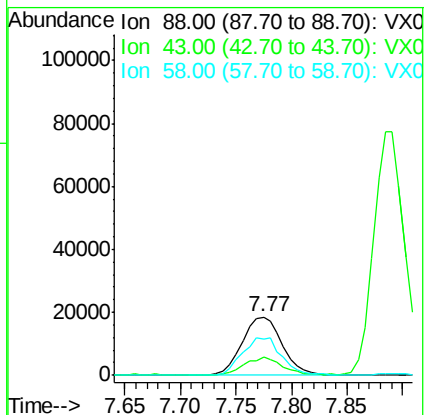
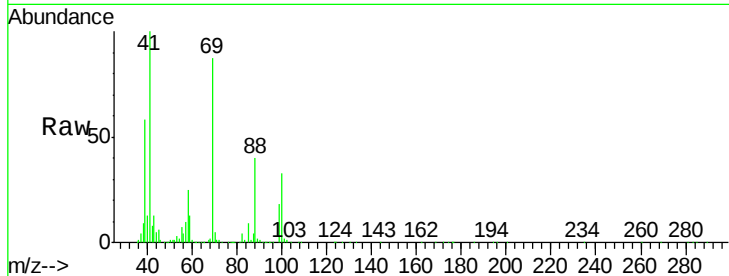
Tot Ion: 88 Resp: 46092

Ion Ratio Lower Upper

88 100

43 28.9 24.2 36.4

58 62.3 53.0 79.4



#50

Toluene-d8

Concen: 48.768 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007398.D

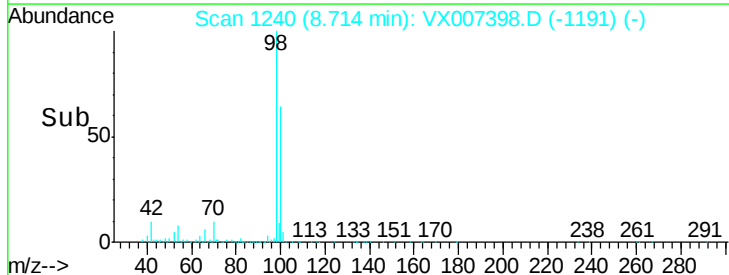
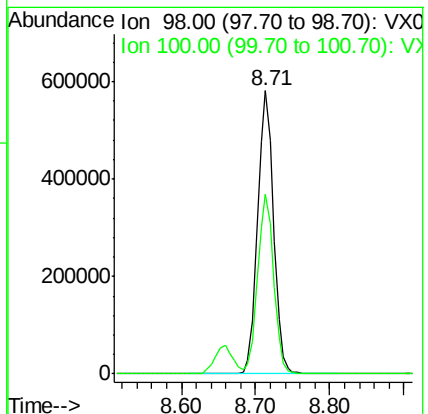
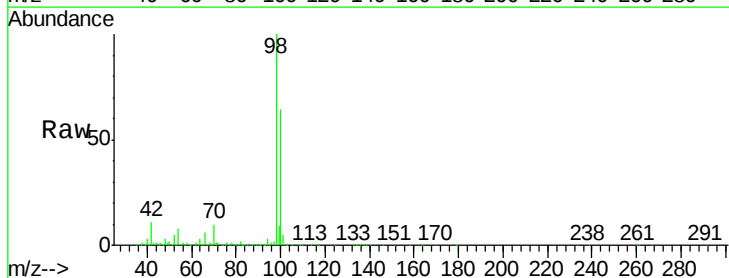
Acq: 06 Feb 2019 14:38

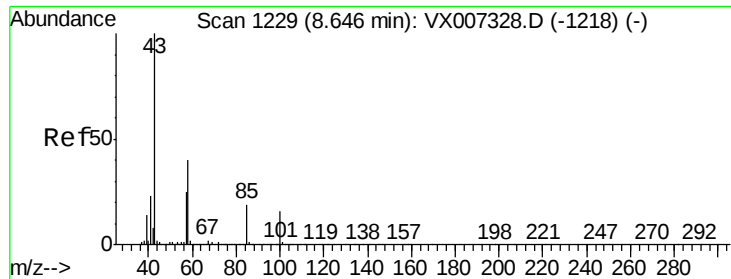
Tgt Ion: 98 Resp: 876884

Ion Ratio Lower Upper

98 100

100 63.5 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 90.638 ug/l

RT: 8.66 min Scan# 1231

Delta R.T. 0.01 min

Lab File: VX007398.D

Acq: 06 Feb 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

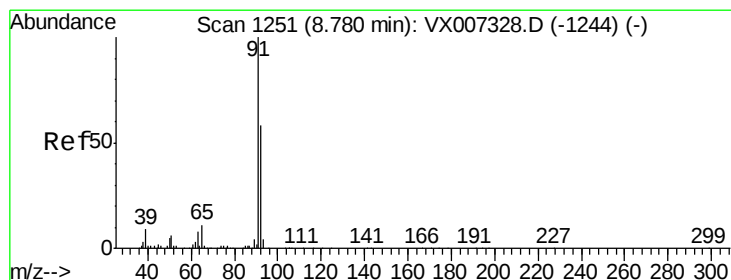
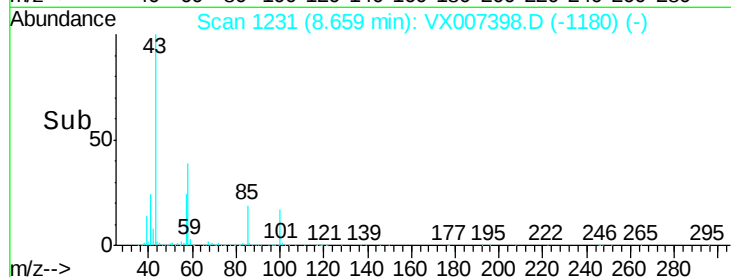
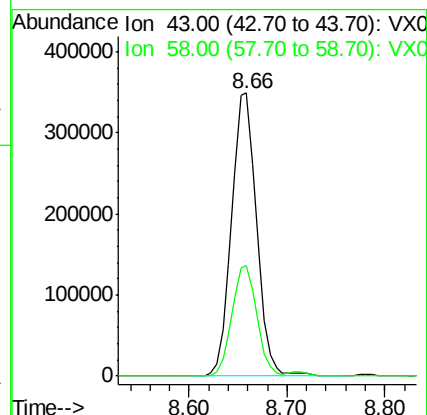
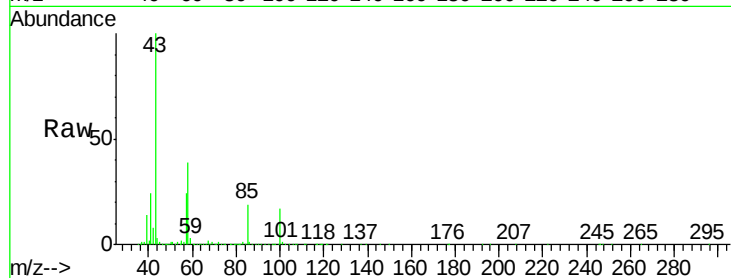
VX0206WBSD01

Tot Ion: 43 Resp: 622178

Ion Ratio Lower Upper

43 100

58 38.7 31.2 46.8



#52

Toluene

Concen: 17.302 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX007398.D

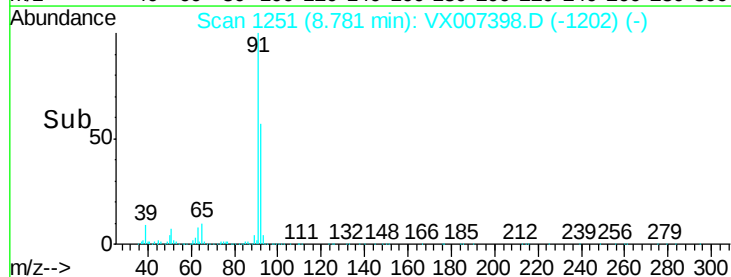
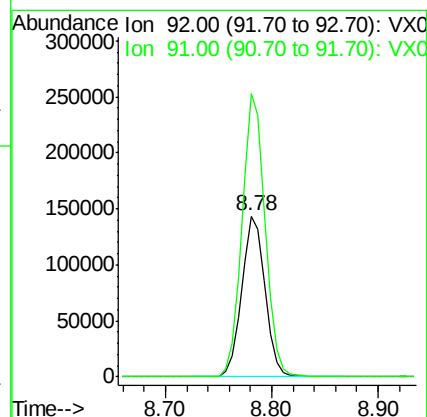
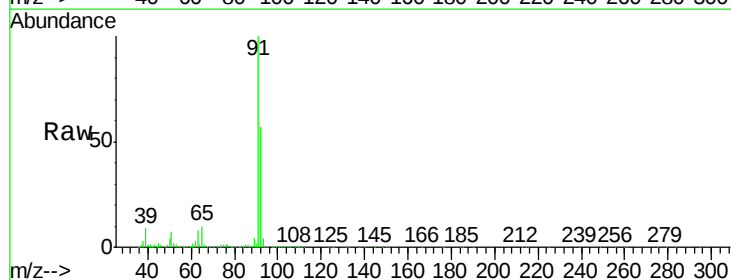
Acq: 06 Feb 2019 14:38

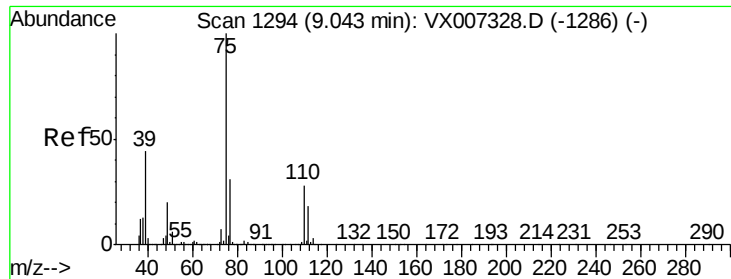
Tgt Ion: 92 Resp: 219752

Ion Ratio Lower Upper

92 100

91 175.3 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 15.600 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007398.D

Acq: 06 Feb 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

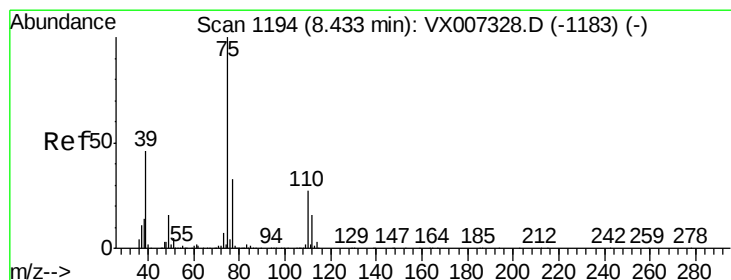
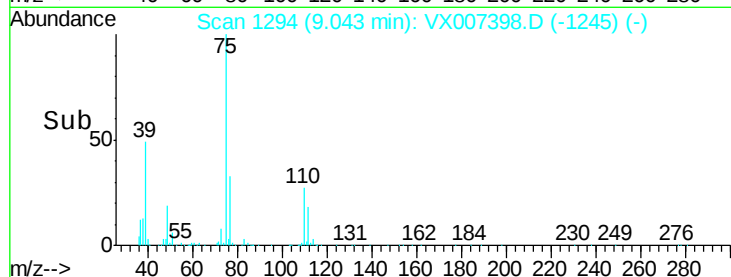
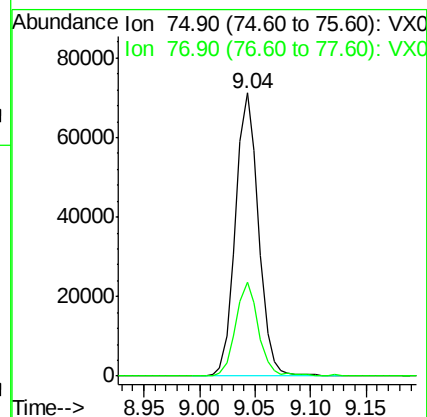
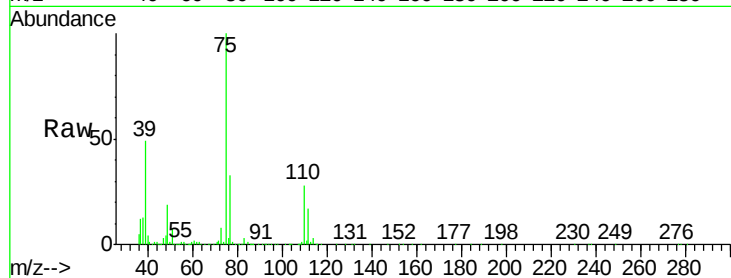
VX0206WBSD01

Tot Ion: 75 Resp: 101806

Ion Ratio Lower Upper

75 100

77 32.8 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 16.822 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.01 min

Lab File: VX007398.D

Acq: 06 Feb 2019 14:38

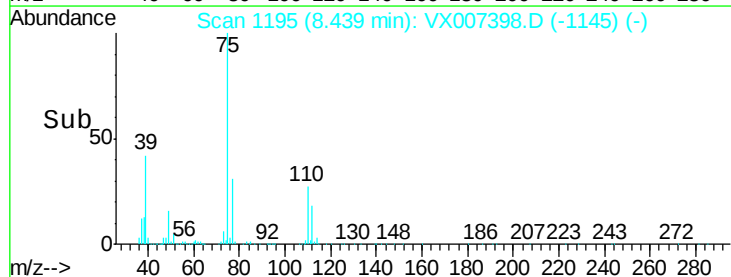
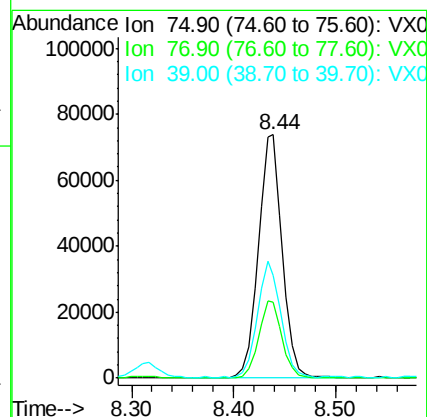
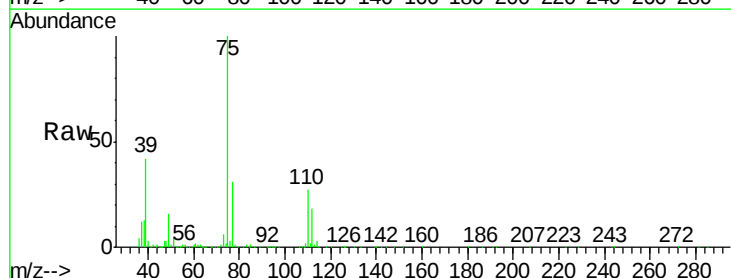
Tgt Ion: 75 Resp: 120729

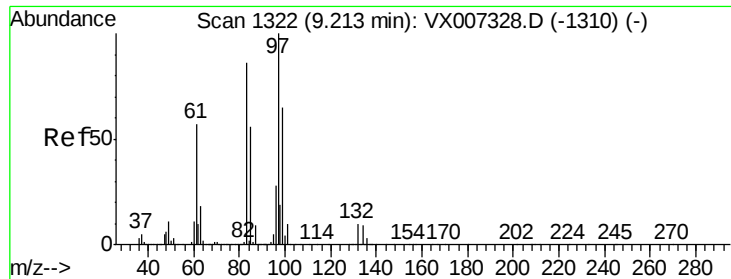
Ion Ratio Lower Upper

75 100

77 31.2 26.2 39.4

39 42.0 37.1 55.7

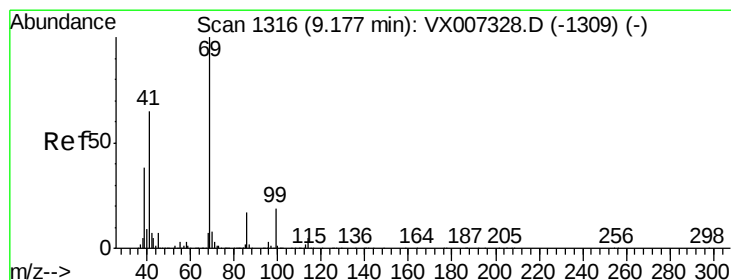
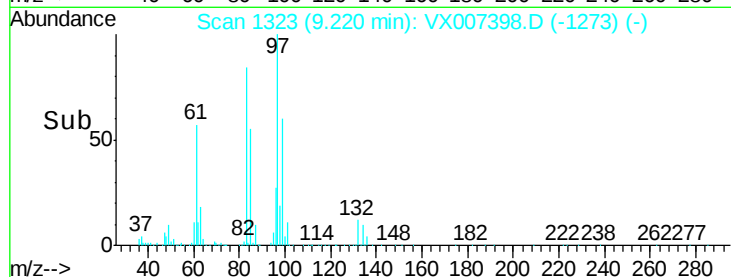
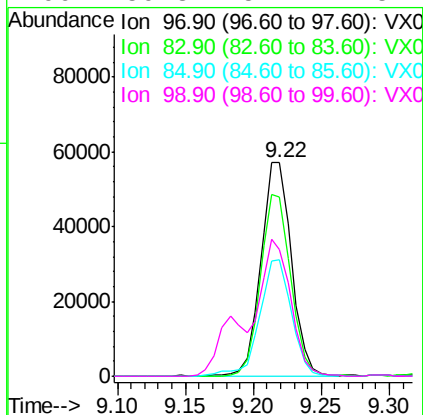
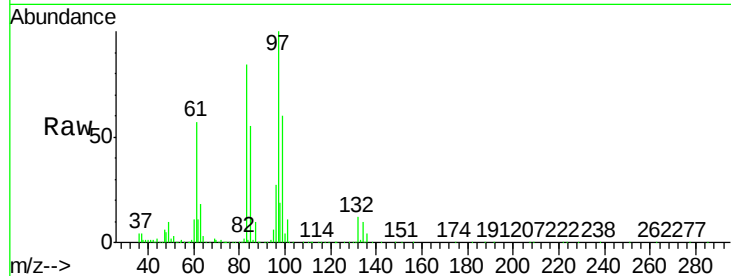




#55
 1,1,2-Trichloroethane
 Concen: 16.982 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VX007398.D
 Acq: 06 Feb 2019 14:38

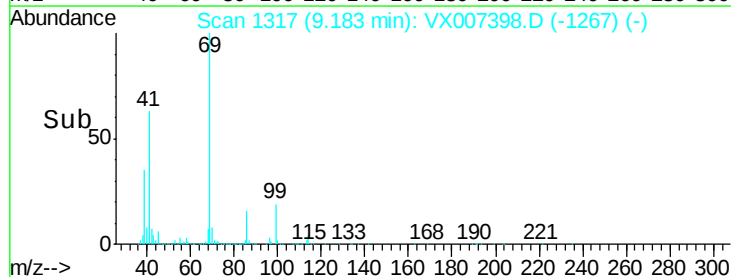
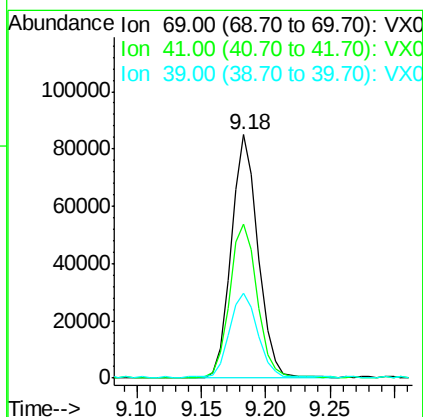
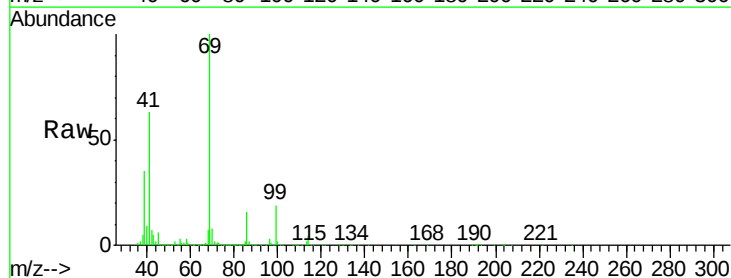
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206WBSD01

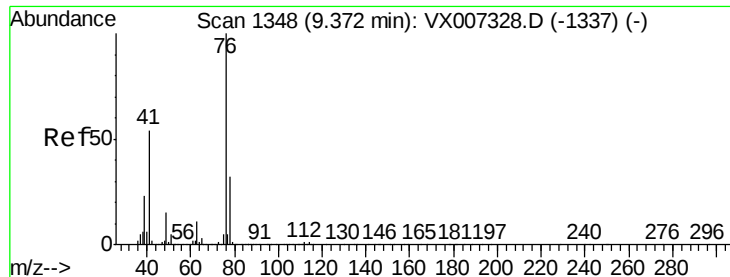
Tot Ion:	97	Resp:	89911
Ion	Ratio	Lower	Upper
97	100		
83	84.1	68.6	102.8
85	54.7	44.5	66.7
99	59.3	52.2	78.4



#56
 Ethyl methacrylate
 Concen: 16.843 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: VX007398.D
 Acq: 06 Feb 2019 14:38

Tgt Ion:	69	Resp:	123507
Ion	Ratio	Lower	Upper
69	100		
41	64.9	52.1	78.1
39	36.9	30.1	45.1





#57

1,3-Dichloropropane

Concen: 17.348 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007398.D

Acq: 06 Feb 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

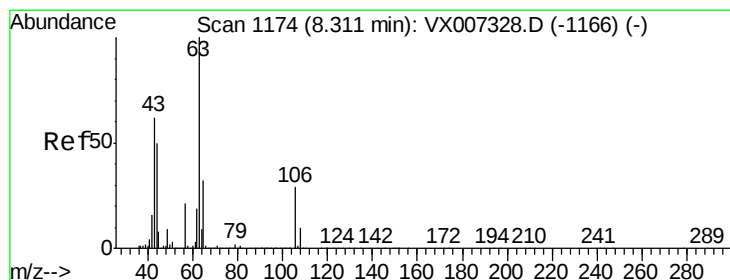
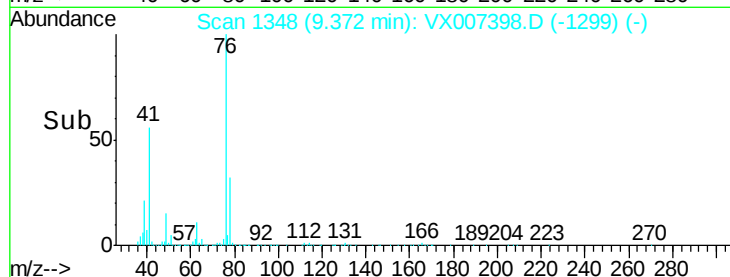
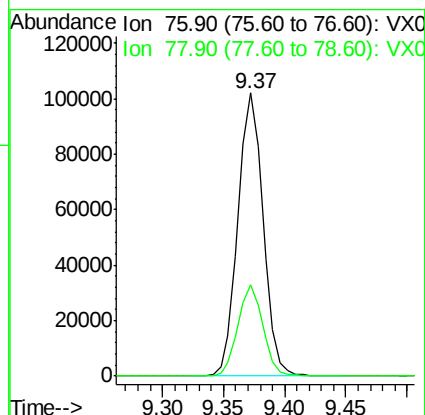
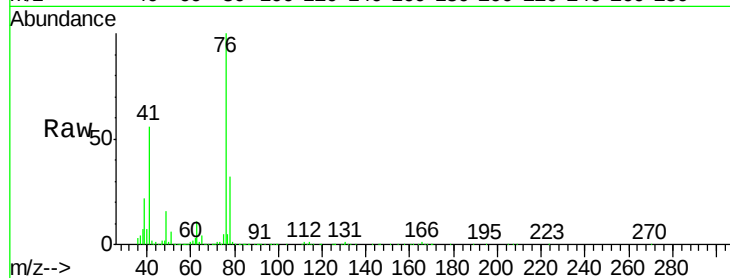
VX0206WBSD01

Tot Ion: 76 Resp: 146065

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 88.247 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007398.D

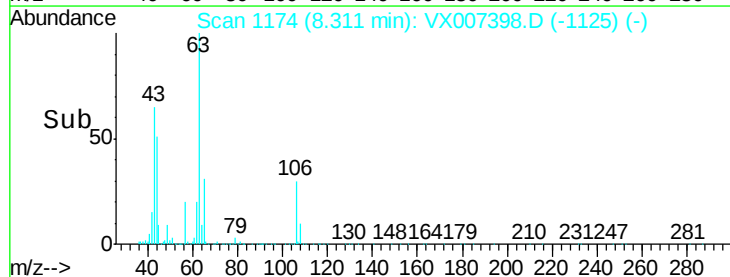
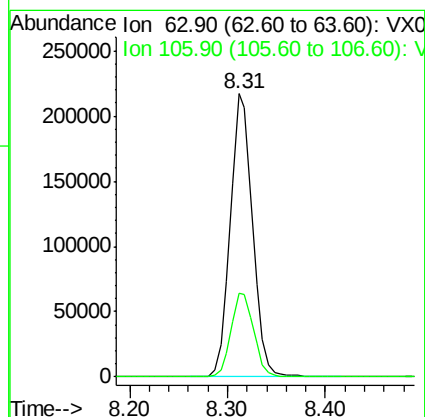
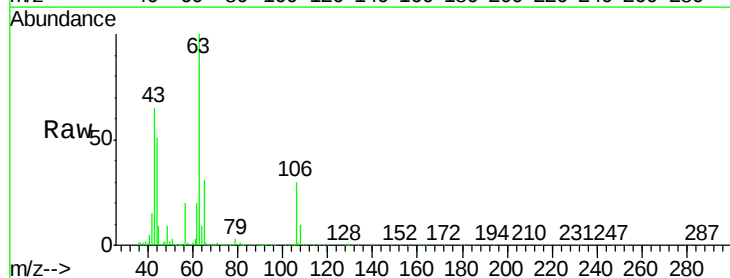
Acq: 06 Feb 2019 14:38

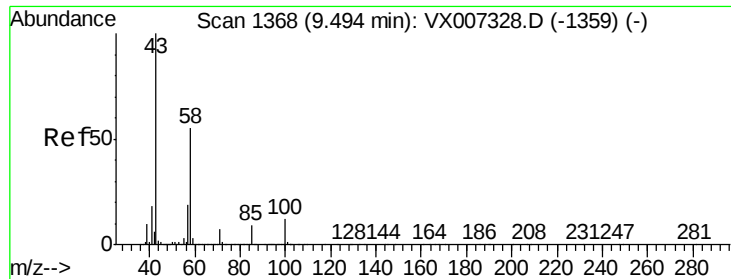
Tgt Ion: 63 Resp: 341073

Ion Ratio Lower Upper

63 100

106 30.5 23.6 35.4

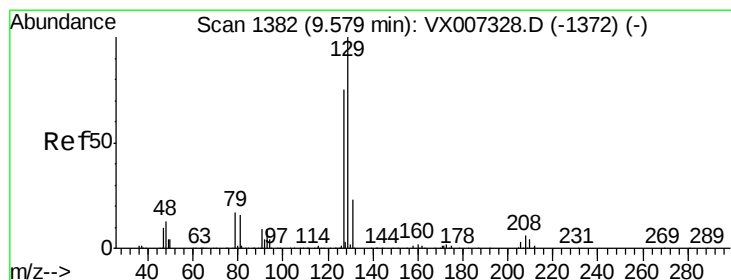
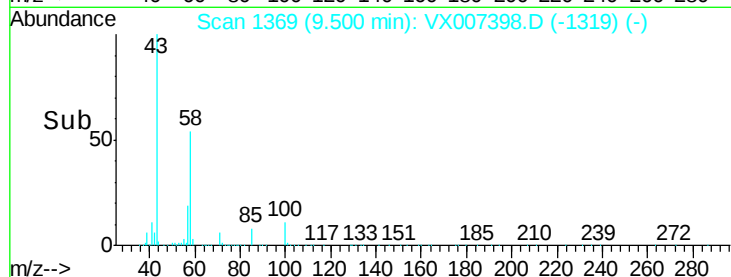
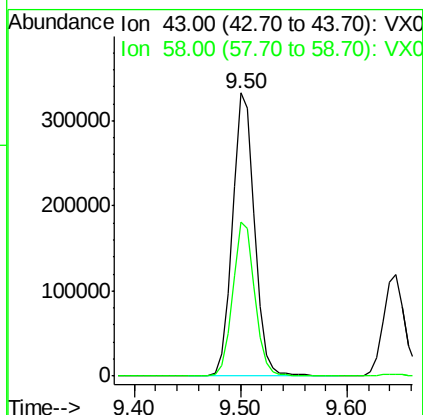
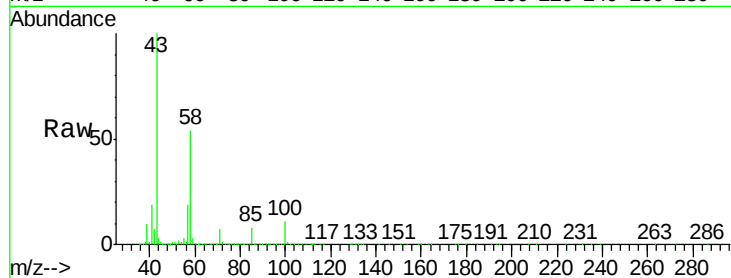




#59
2-Hexanone
Concen: 90.175 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.01 min
Lab File: VX007398.D
Acq: 06 Feb 2019 14:38

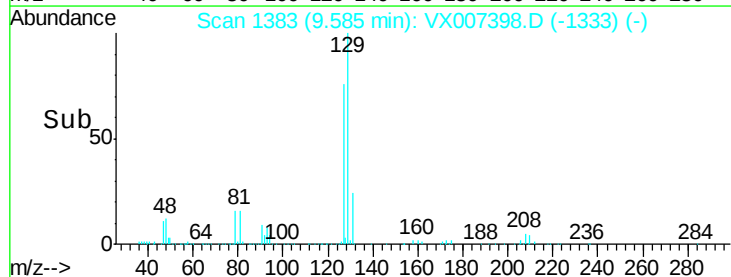
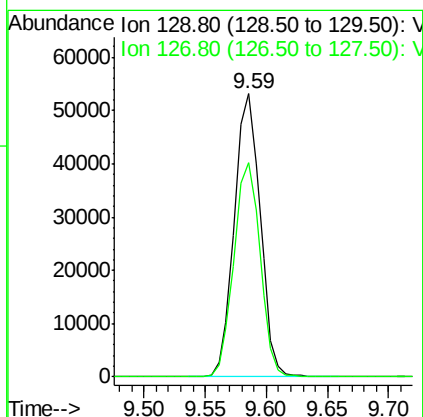
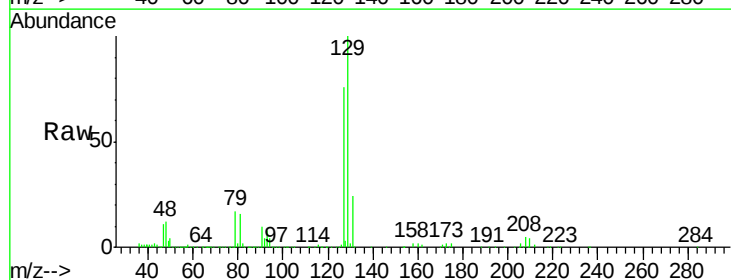
Instrument :
MSVOA_X
ClientSampleId :
VX0206WBSD01

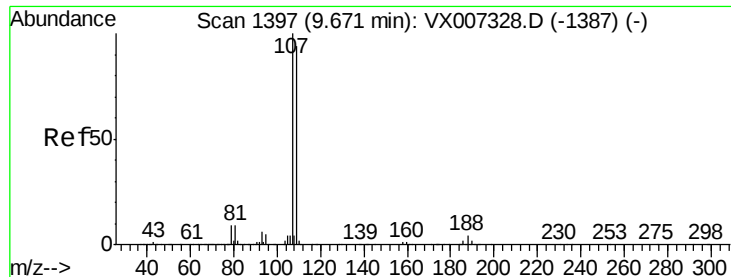
Tot Ion: 43 Resp: 481683
Ion Ratio Lower Upper
43 100
58 54.5 27.1 81.3



#60
Dibromochloromethane
Concen: 15.566 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX007398.D
Acq: 06 Feb 2019 14:38

Tgt Ion: 129 Resp: 77943
Ion Ratio Lower Upper
129 100
127 76.7 37.8 113.4





#61

1,2-Dibromoethane

Concen: 17.047 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007398.D

Acq: 06 Feb 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

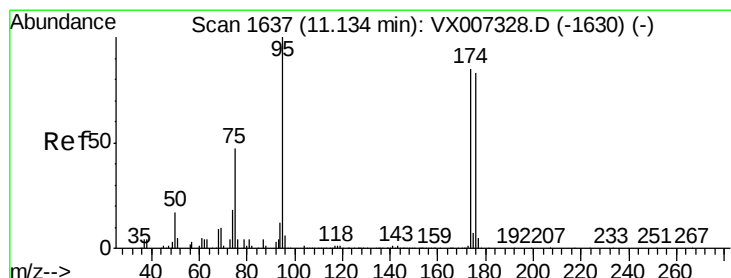
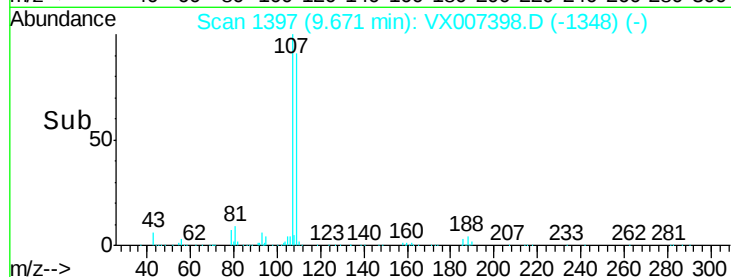
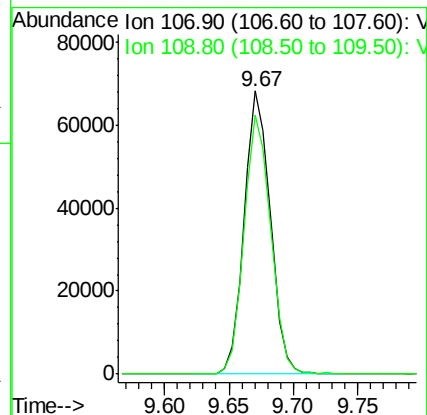
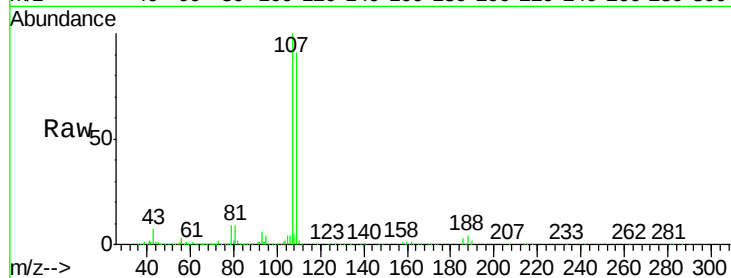
VX0206WBSD01

Tot Ion:107 Resp: 95578

Ion Ratio Lower Upper

107 100

109 93.5 75.1 112.7



#62

4-Bromofluorobenzene

Concen: 44.319 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX007398.D

Acq: 06 Feb 2019 14:38

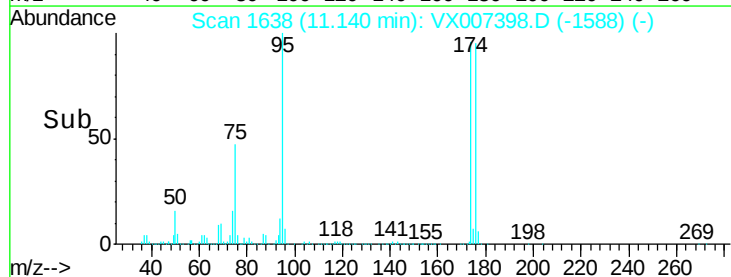
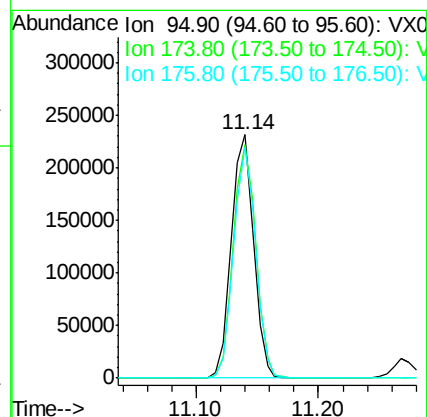
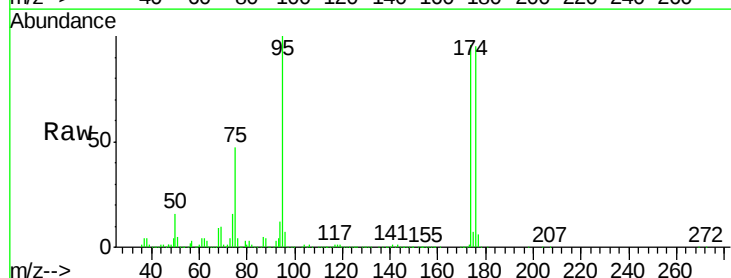
Tgt Ion: 95 Resp: 290947

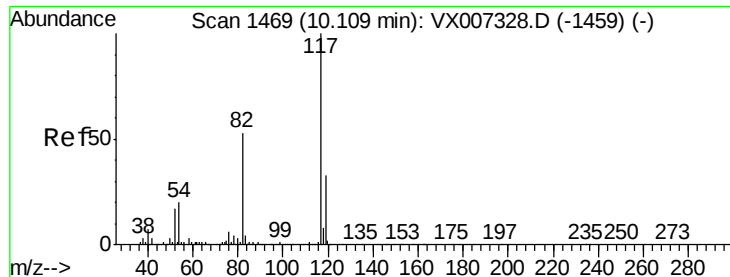
Ion Ratio Lower Upper

95 100

174 96.9 0.0 189.2

176 93.4 0.0 186.2

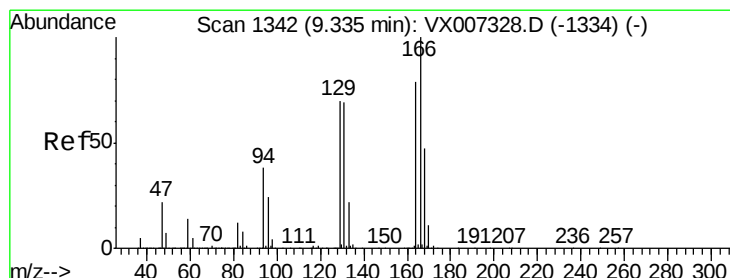
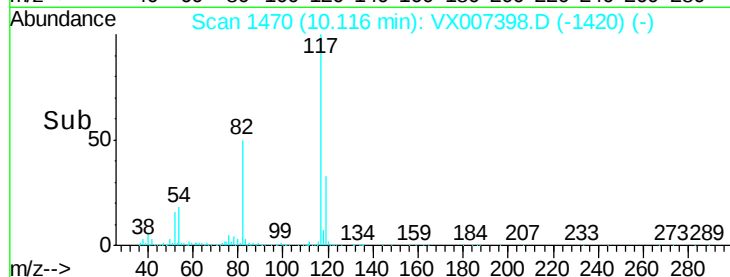
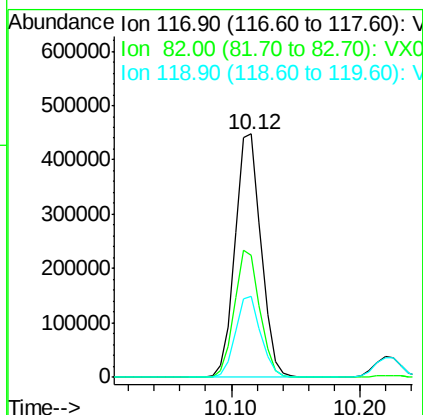
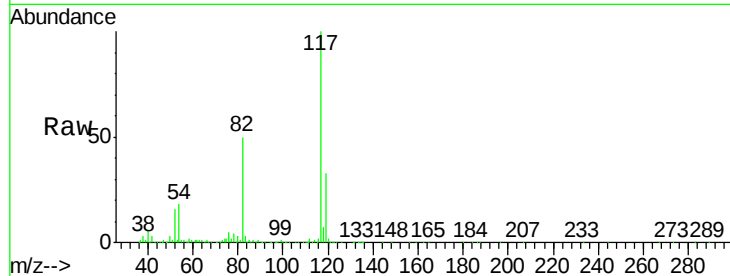




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007398.D
Acq: 06 Feb 2019 14:38

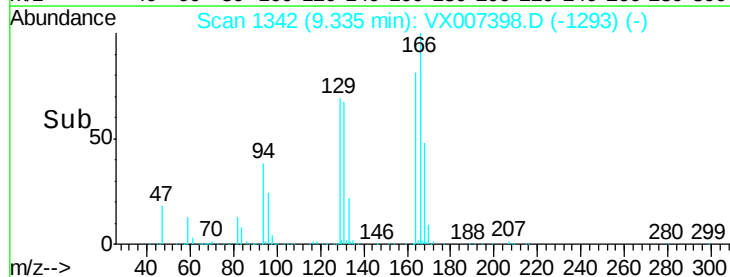
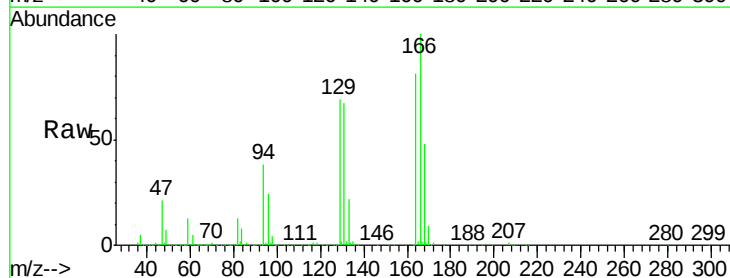
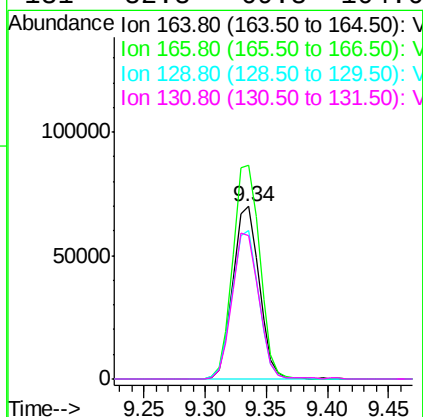
Instrument :
MSVOA_X
ClientSampleId :
VX0206WBSD01

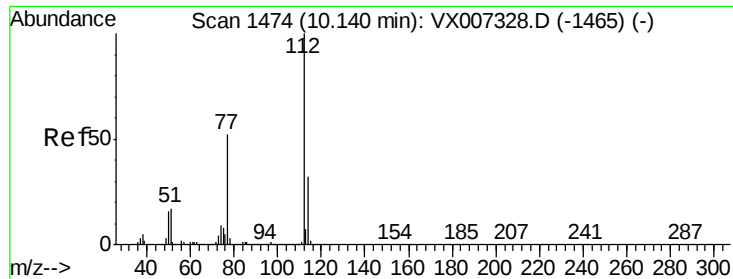
Tot Ion:117 Resp: 629110
Ion Ratio Lower Upper
117 100
82 50.0 42.1 63.1
119 33.2 26.5 39.7



#64
Tetrachloroethene
Concen: 17.474 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007398.D
Acq: 06 Feb 2019 14:38

Tgt Ion:164 Resp: 103613
Ion Ratio Lower Upper
164 100
166 123.7 101.0 151.4
129 85.8 70.5 105.7
131 82.8 69.8 104.6

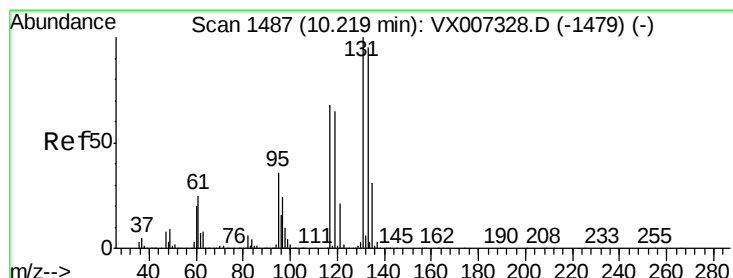
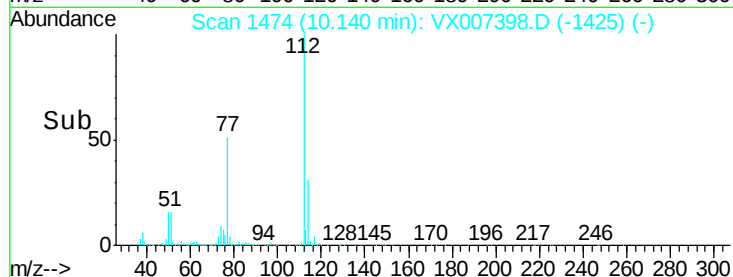
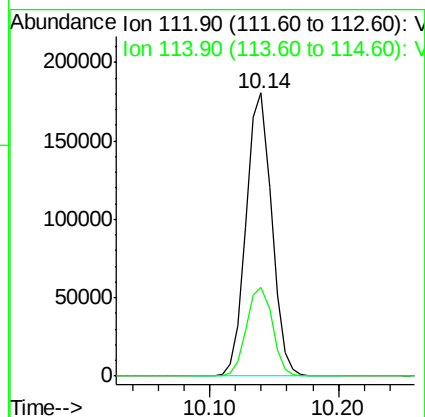
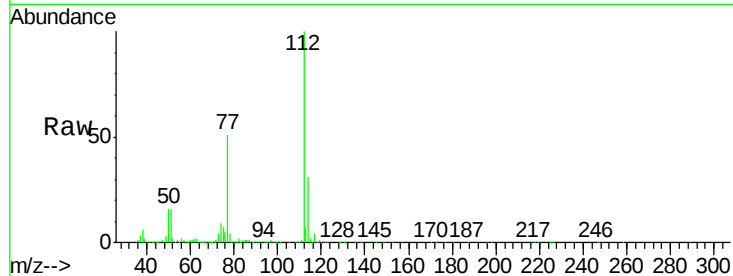




#65
Chlorobenzene
Concen: 18.026 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX007398.D
Acq: 06 Feb 2019 14:38

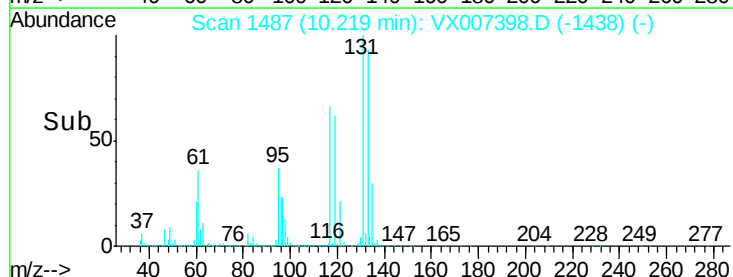
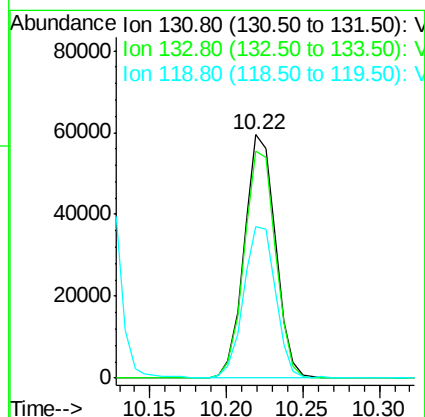
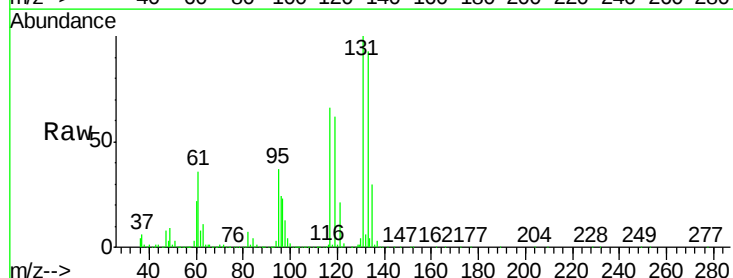
Instrument :
MSVOA_X
ClientSampleId :
VX0206WBSD01

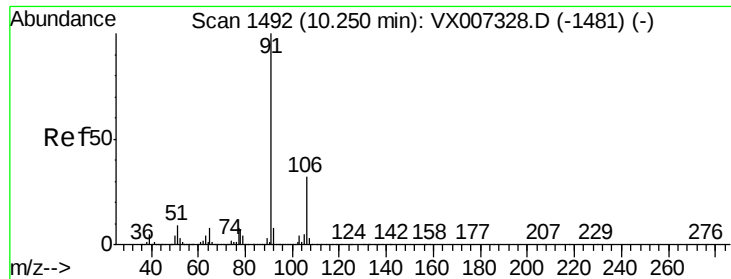
Tot Ion:112 Resp: 247461
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 18.297 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX007398.D
Acq: 06 Feb 2019 14:38

Tgt Ion:131 Resp: 84217
Ion Ratio Lower Upper
131 100
133 94.1 48.0 144.2
119 63.9 32.0 96.0





#67

Ethyl Benzene

Concen: 18.249 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007398.D

Acq: 06 Feb 2019 14:38

Instrument :

MSVOA_X

ClientSampled :

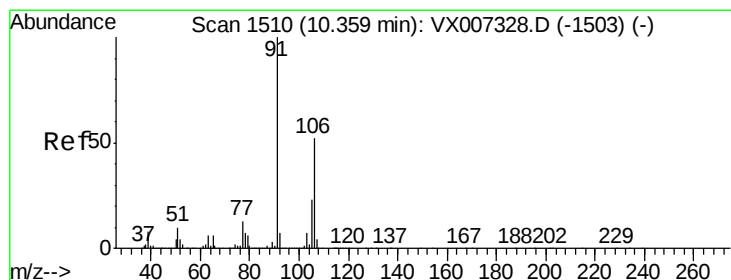
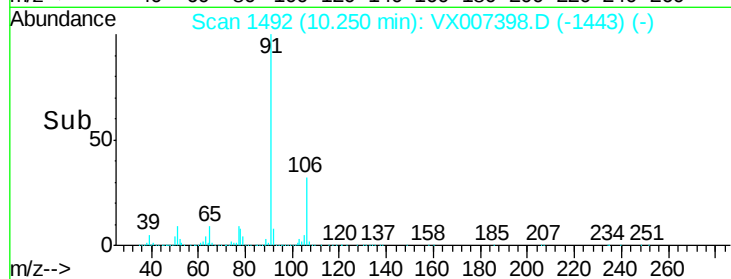
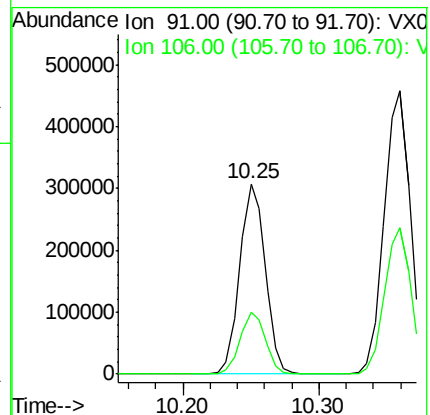
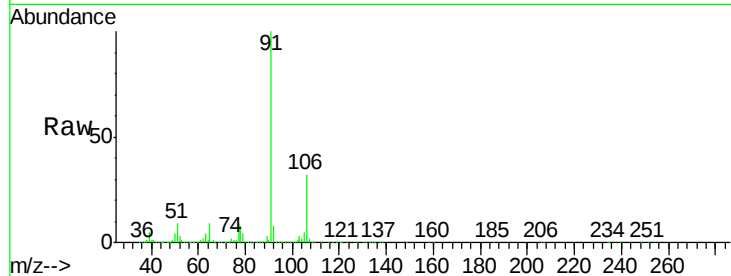
VX0206WBSD01

Tot Ion: 91 Resp: 403456

Ion Ratio Lower Upper

91 100

106 32.5 25.4 38.0



#68

m/p-Xylenes

Concen: 36.377 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007398.D

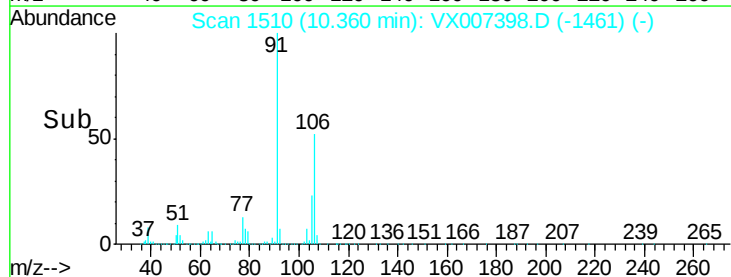
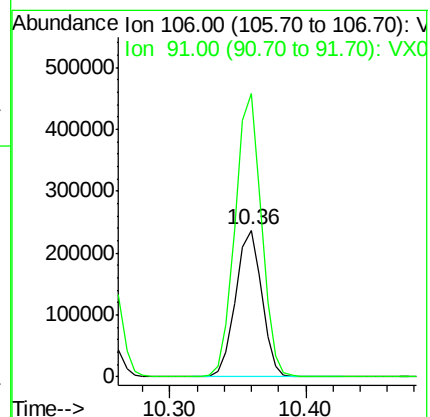
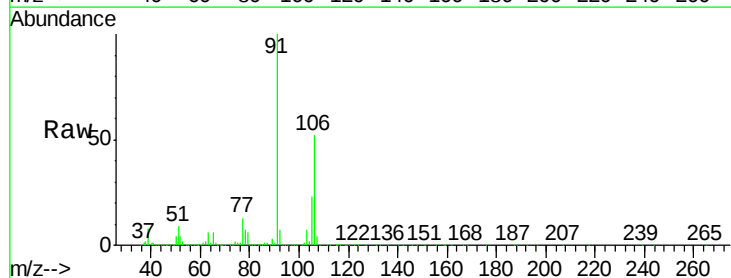
Acq: 06 Feb 2019 14:38

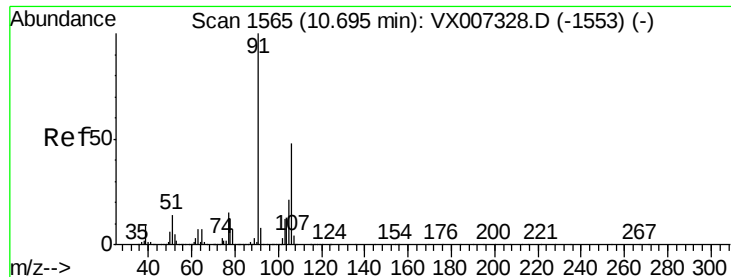
Tgt Ion: 106 Resp: 319684

Ion Ratio Lower Upper

106 100

91 193.0 156.6 234.8

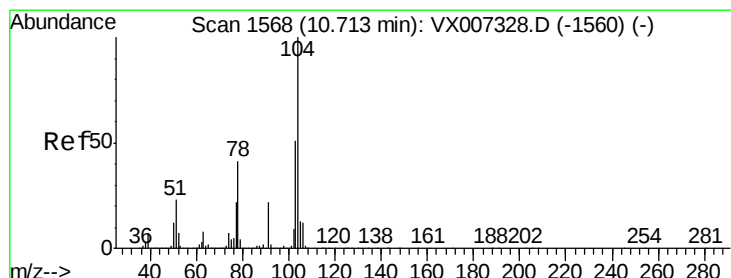
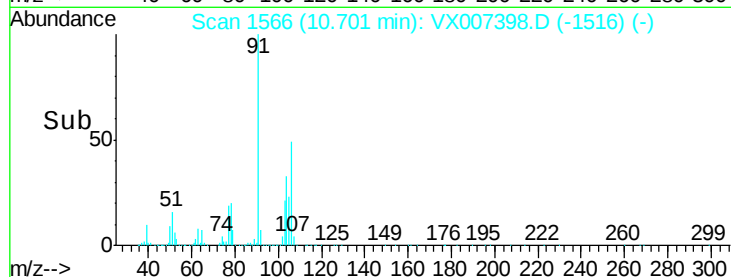
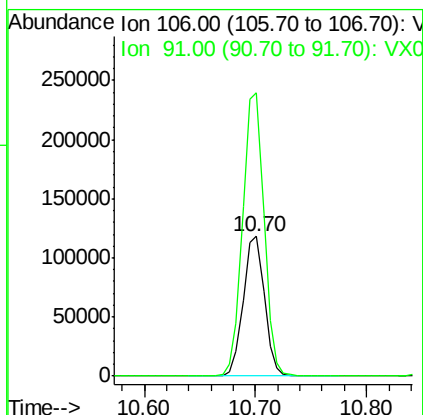
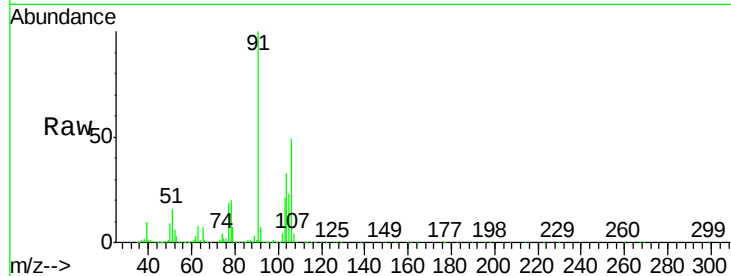




#69
o-Xylene
Concen: 18.535 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX007398.D
Acq: 06 Feb 2019 14:38

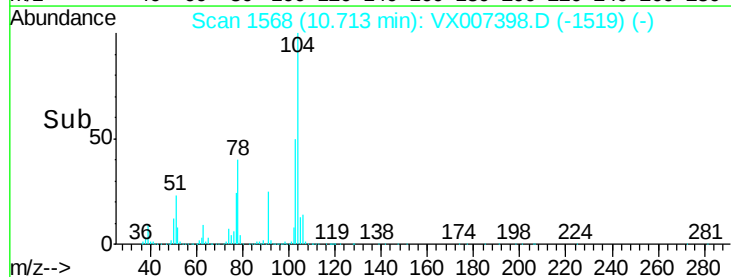
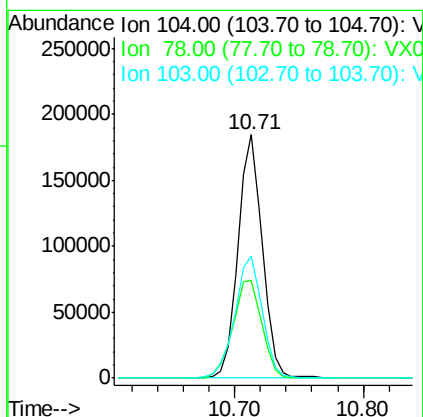
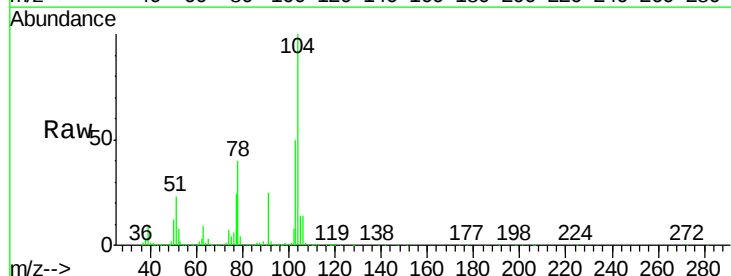
Instrument :
MSVOA_X
ClientSampled :
VX0206WBSD01

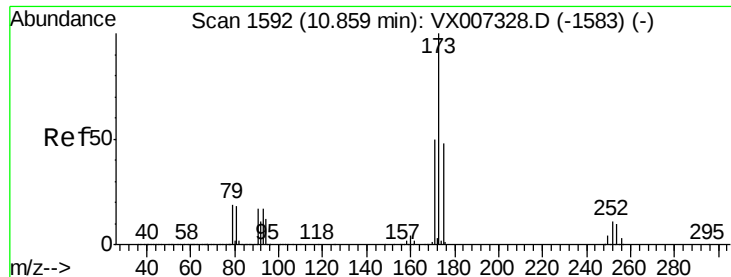
Tot Ion:106 Resp: 156737
Ion Ratio Lower Upper
106 100
91 204.2 102.9 308.7



#70
Styrene
Concen: 17.615 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007398.D
Acq: 06 Feb 2019 14:38

Tgt Ion:104 Resp: 241579
Ion Ratio Lower Upper
104 100
78 48.2 38.3 57.5
103 56.8 44.6 67.0





#71

Bromoform

Concen: 17.056 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007398.D

Acq: 06 Feb 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBSD01

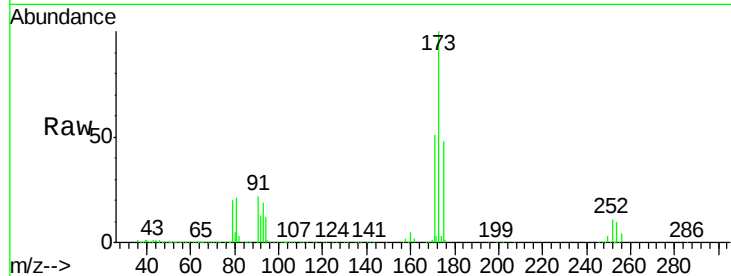
Tot Ion:173 Resp: 57198

Ion Ratio Lower Upper

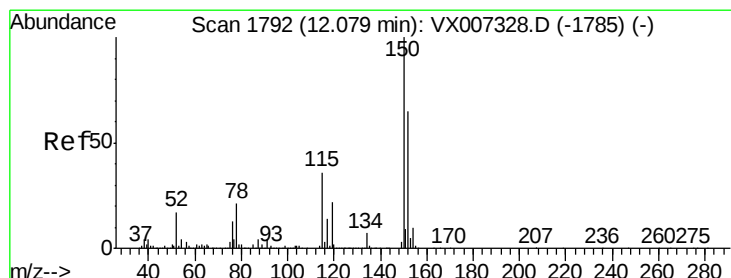
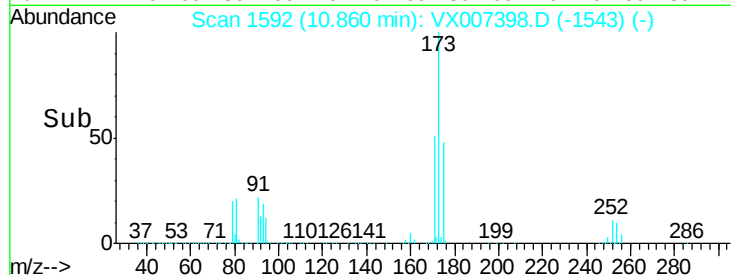
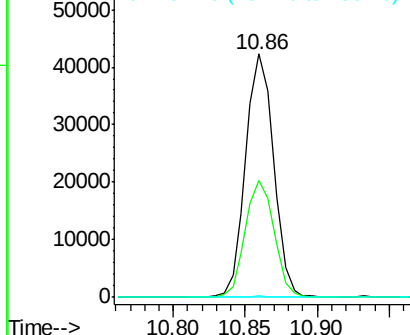
173 100

175 49.4 24.2 72.6

254 0.3 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: VX007398.D

Acq: 06 Feb 2019 14:38

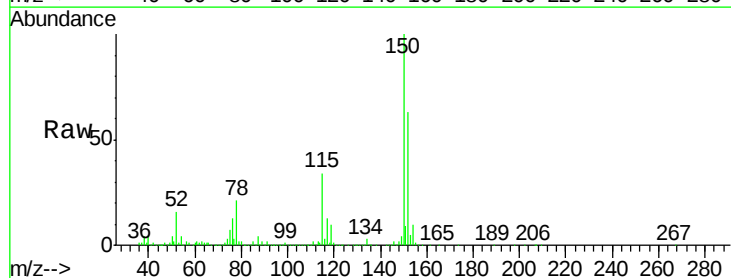
Tgt Ion:152 Resp: 337197

Ion Ratio Lower Upper

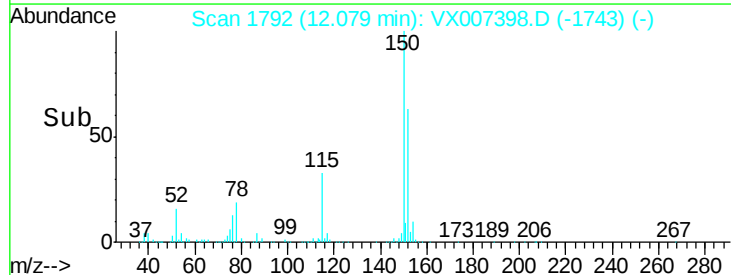
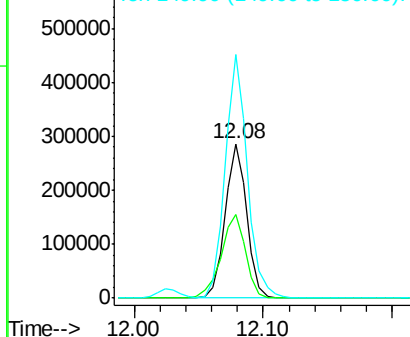
152 100

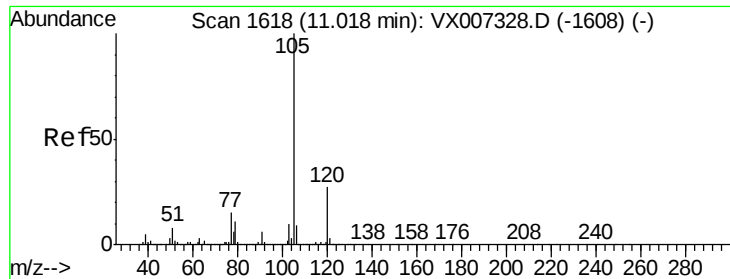
115 61.9 38.0 114.0

150 162.3 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: 18.004 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007398.D

Acq: 06 Feb 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

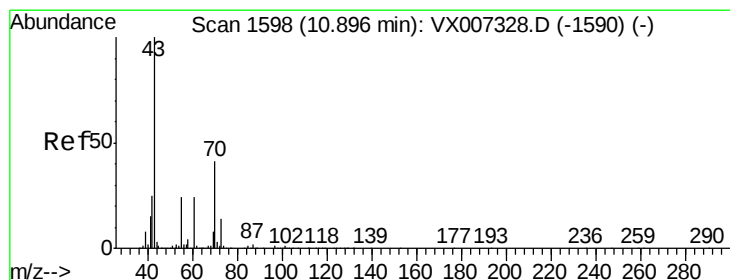
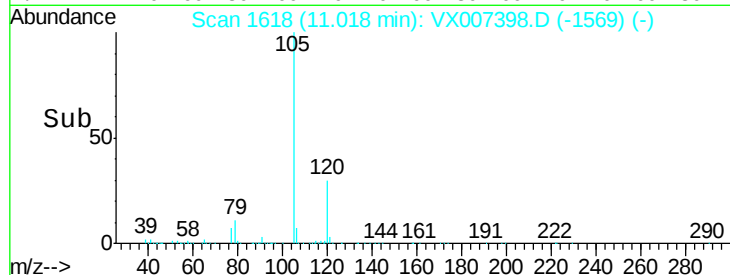
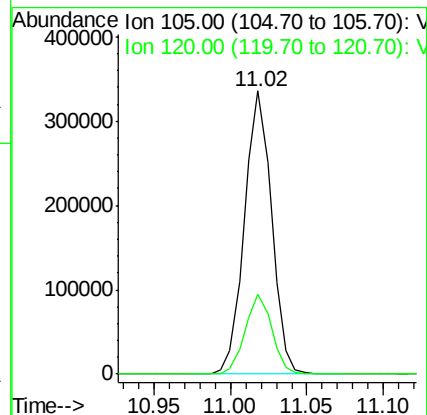
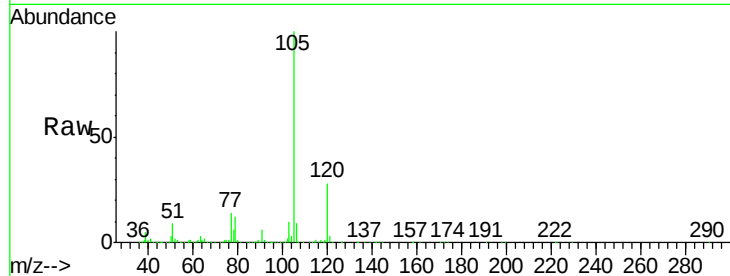
VX0206WBSD01

Tot Ion:105 Resp: 412561

Ion Ratio Lower Upper

105 100

120 27.9 13.6 40.7



#74

N-ethyl acetate

Concen: 18.630 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX007398.D

Acq: 06 Feb 2019 14:38

Tgt Ion: 43 Resp: 165122

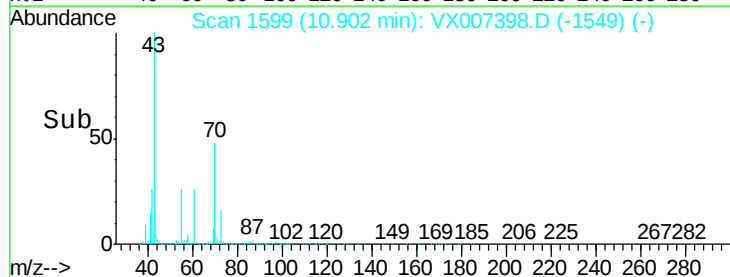
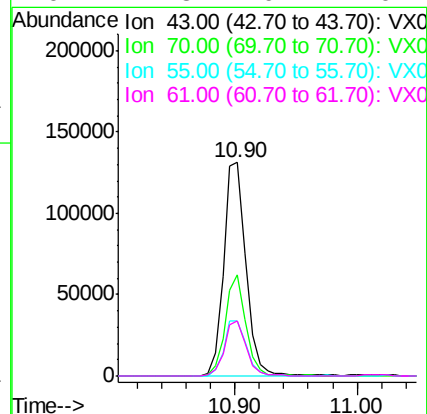
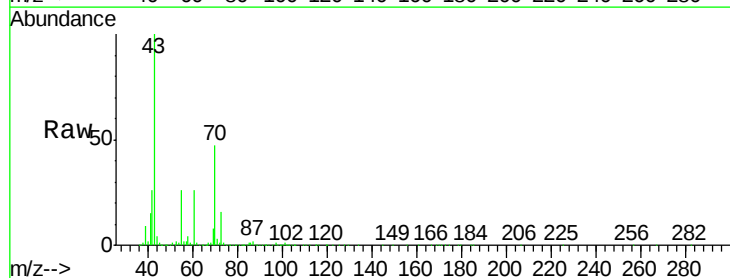
Ion Ratio Lower Upper

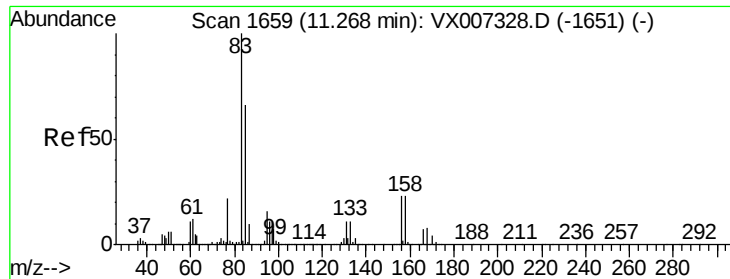
43 100

70 43.8 33.8 50.6

55 26.8 19.5 29.3

61 24.8 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.471 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007398.D

Acq: 06 Feb 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBSD01

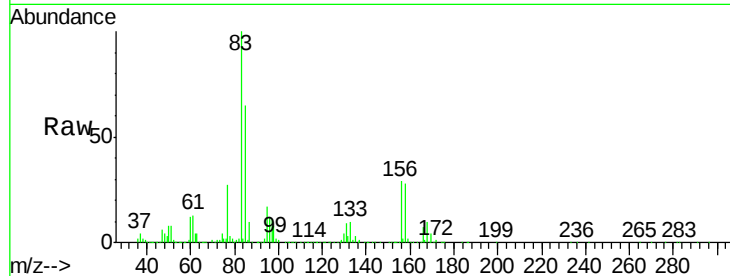
Tot Ion: 83 Resp: 142956

Ion Ratio Lower Upper

83 100

131 11.1 5.7 17.0

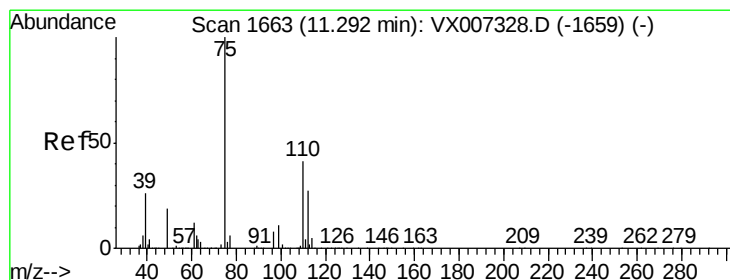
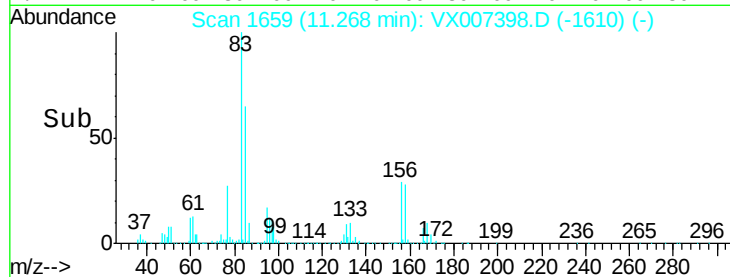
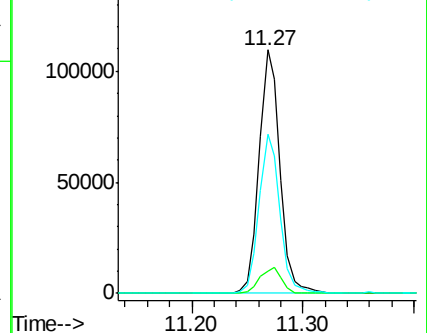
85 65.2 32.8 98.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.284 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.01 min

Lab File: VX007398.D

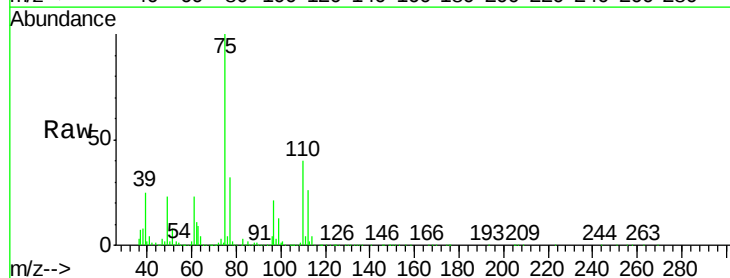
Acq: 06 Feb 2019 14:38

Tgt Ion: 75 Resp: 152715

Ion Ratio Lower Upper

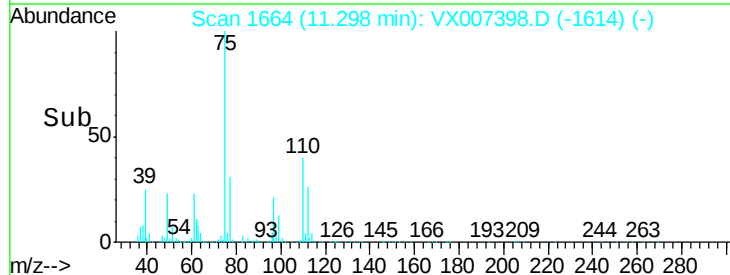
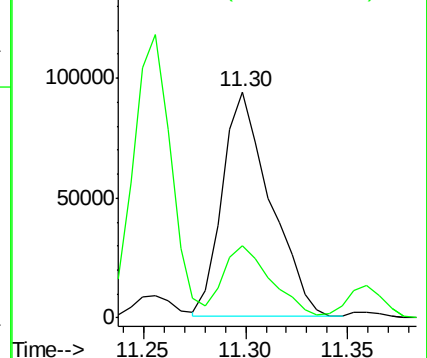
75 100

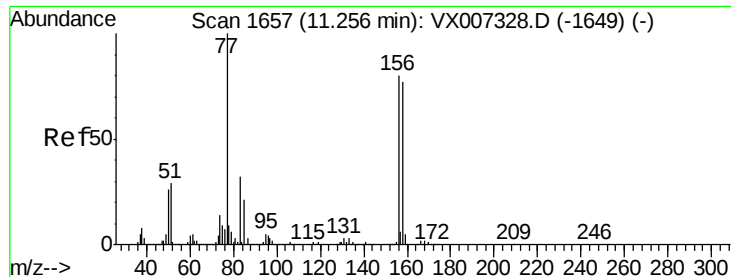
77 31.8 23.0 69.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 17.799 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007398.D

Acq: 06 Feb 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBSD01

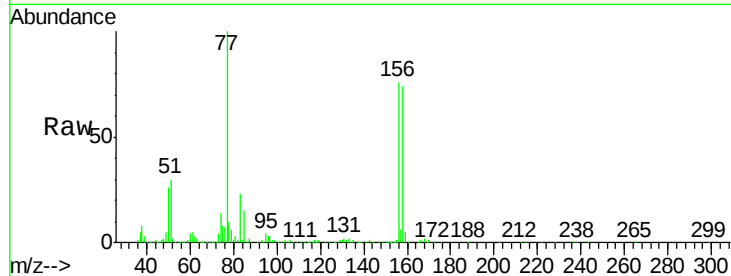
Tot Ion:156 Resp: 114915

Ion Ratio Lower Upper

156 100

77 132.9 66.8 200.6

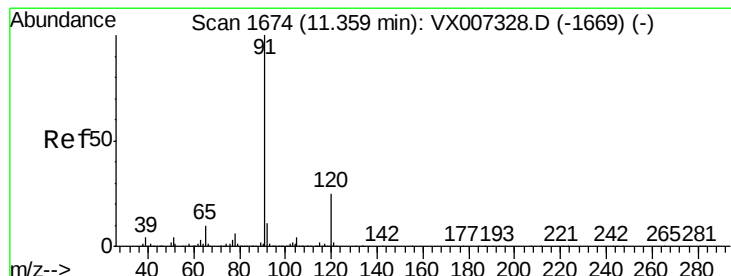
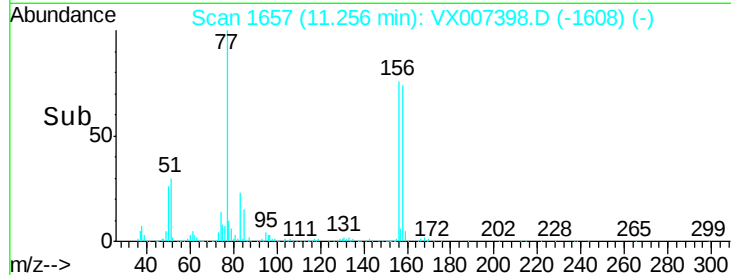
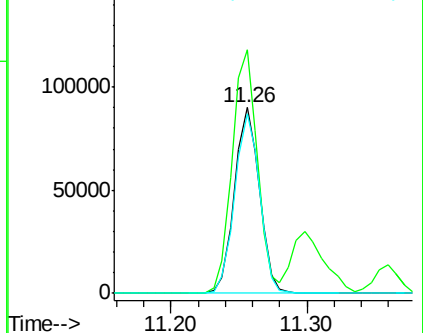
158 97.3 47.9 143.8



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: 17.862 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007398.D

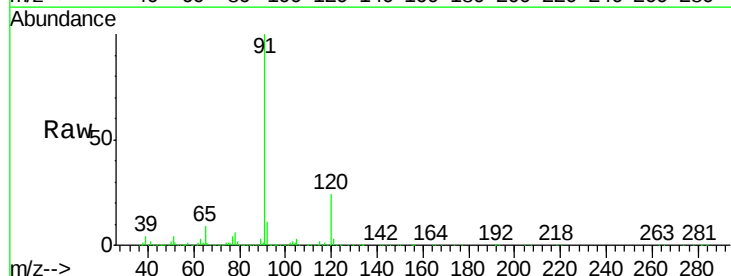
Acq: 06 Feb 2019 14:38

Tgt Ion: 91 Resp: 448822

Ion Ratio Lower Upper

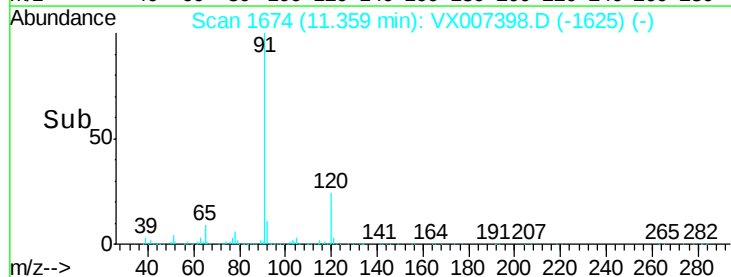
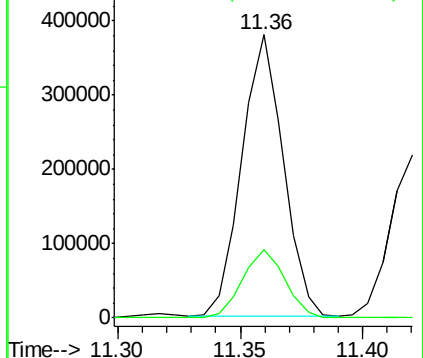
91 100

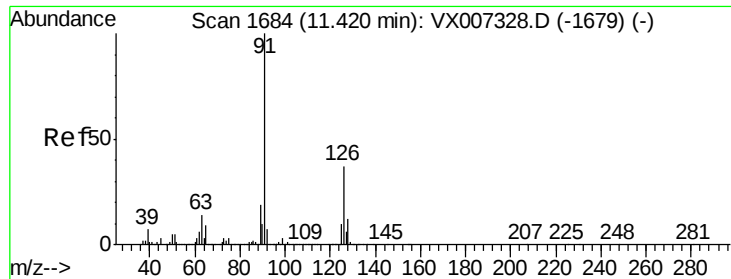
120 25.0 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

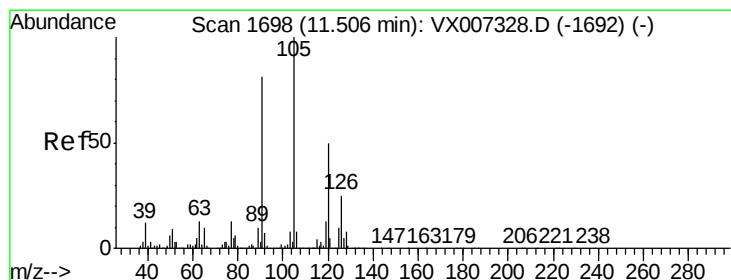
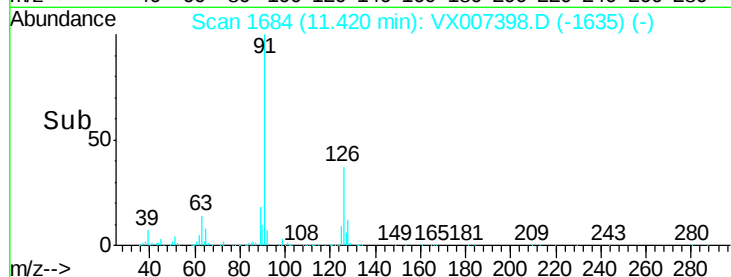
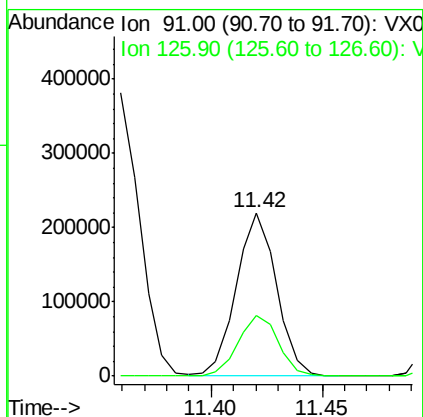
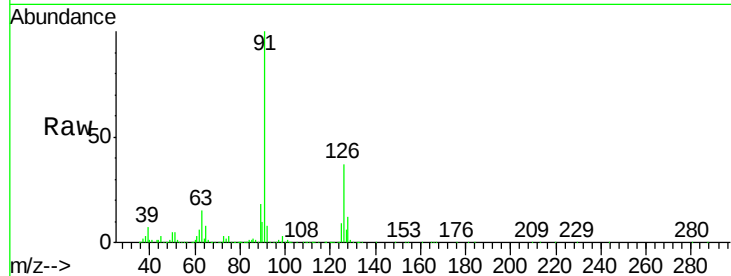




#79
2-Chlorotoluene
Concen: 18.121 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX007398.D
Acq: 06 Feb 2019 14:38

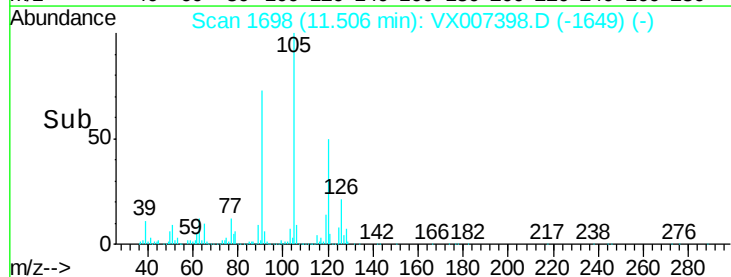
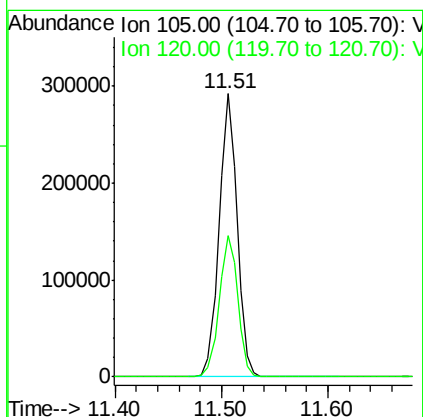
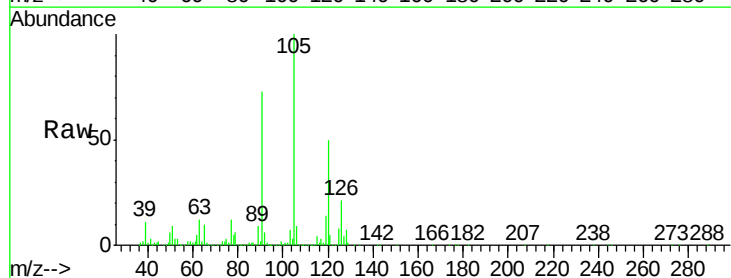
Instrument :
MSVOA_X
ClientSampleId :
VX0206WBSD01

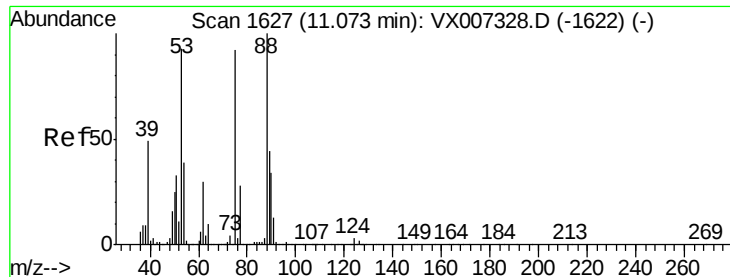
Tot Ion: 91 Resp: 276276
Ion Ratio Lower Upper
91 100
126 37.7 18.7 56.1



#80
1,3,5-Trimethylbenzene
Concen: 18.375 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX007398.D
Acq: 06 Feb 2019 14:38

Tgt Ion:105 Resp: 344463
Ion Ratio Lower Upper
105 100
120 51.2 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.271 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.01 min

Lab File: VX007398.D

Acq: 06 Feb 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBSD01

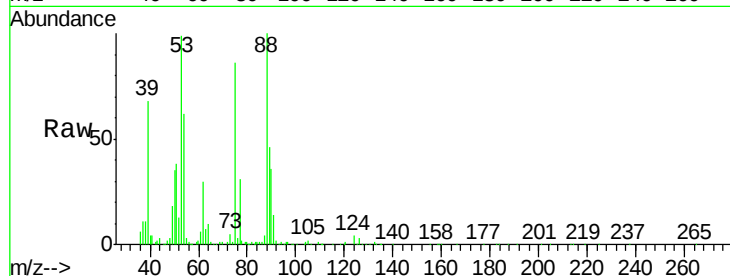
Tot Ion: 75 Resp: 30232

Ion Ratio Lower Upper

75 100

53 116.3 81.0 121.6

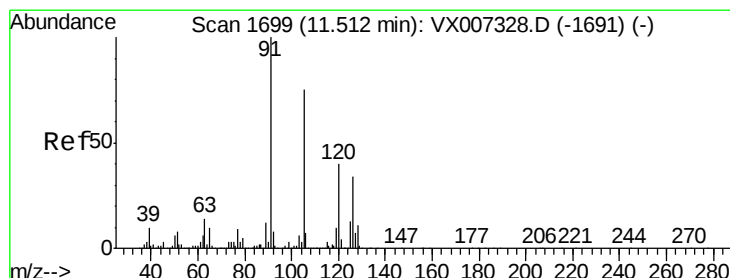
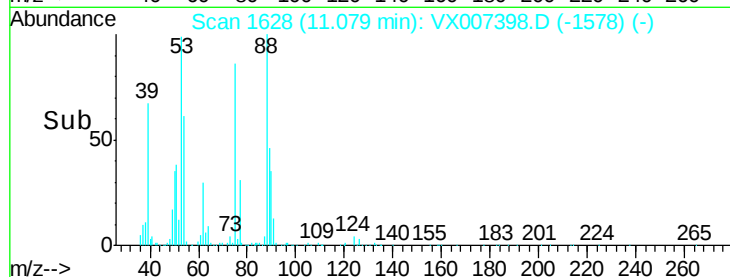
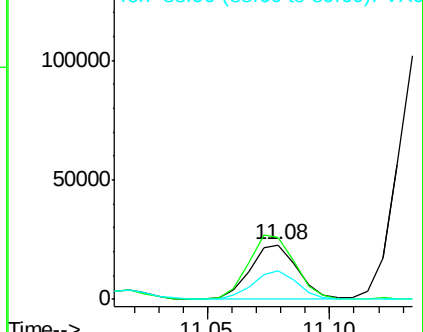
89 49.7 41.4 62.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 17.754 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX007398.D

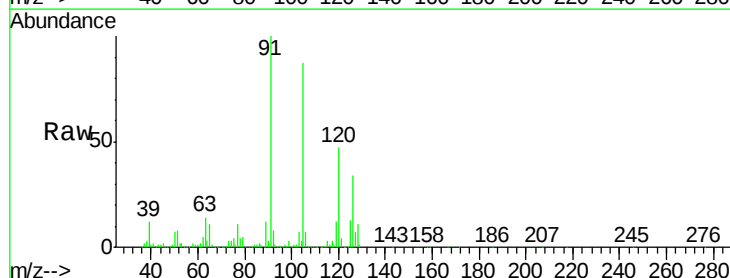
Acq: 06 Feb 2019 14:38

Tgt Ion: 91 Resp: 313222

Ion Ratio Lower Upper

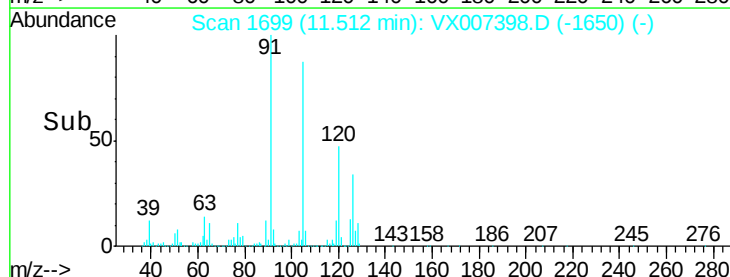
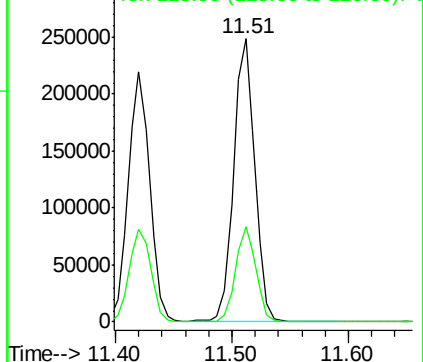
91 100

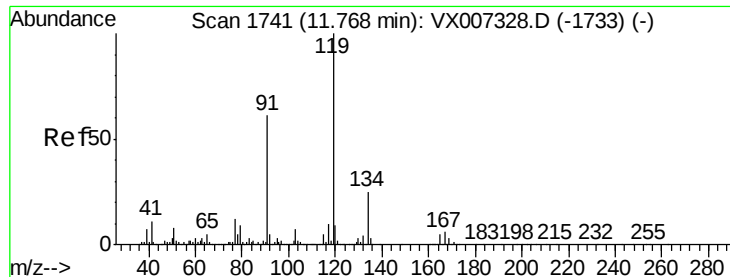
126 32.7 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 19.097 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX007398.D

Acq: 06 Feb 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBSD01

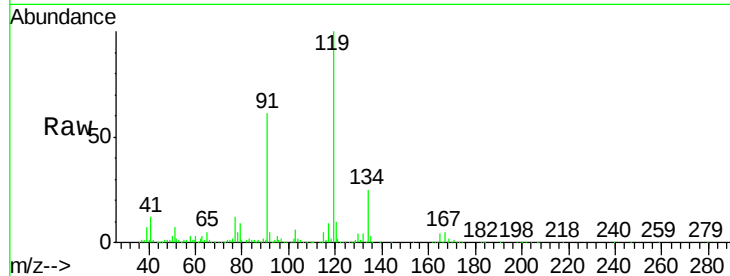
Tot Ion:119 Resp: 354452

Ion Ratio Lower Upper

119 100

91 55.7 28.5 85.6

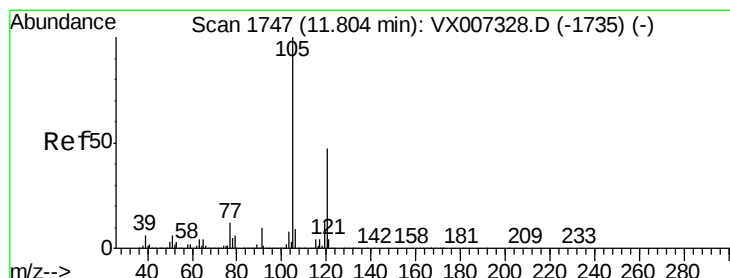
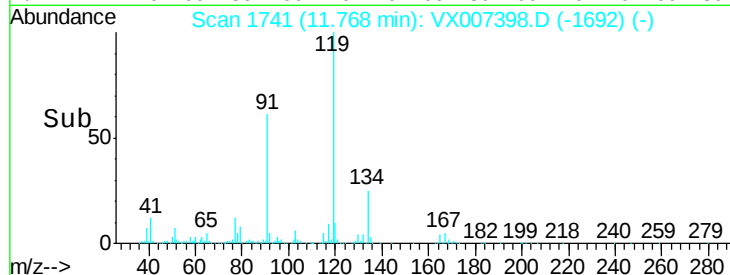
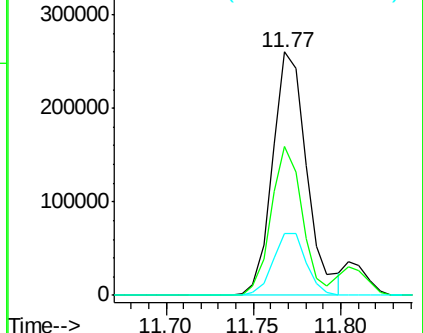
134 24.9 12.0 36.0



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: 18.842 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX007398.D

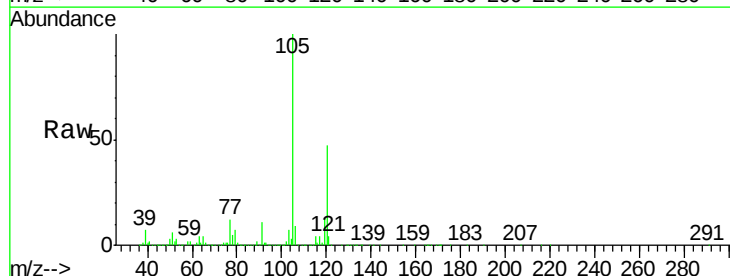
Acq: 06 Feb 2019 14:38

Tgt Ion:105 Resp: 358612

Ion Ratio Lower Upper

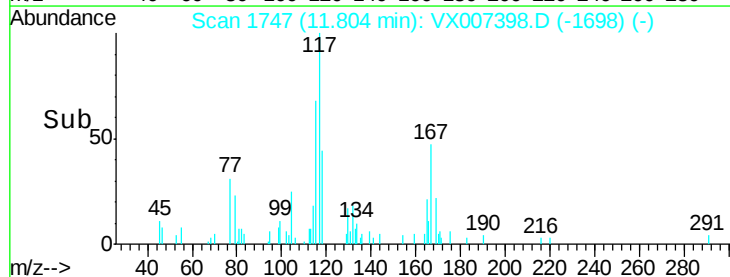
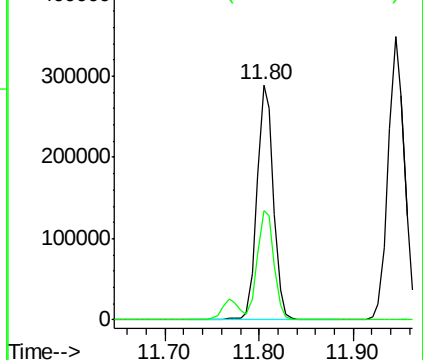
105 100

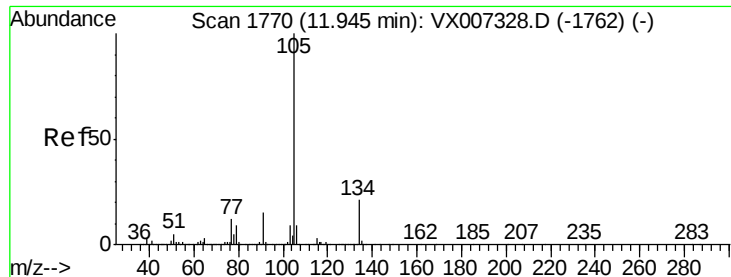
120 47.0 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.605 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007398.D

Acq: 06 Feb 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

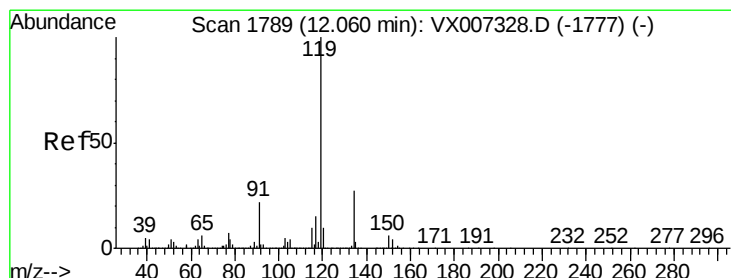
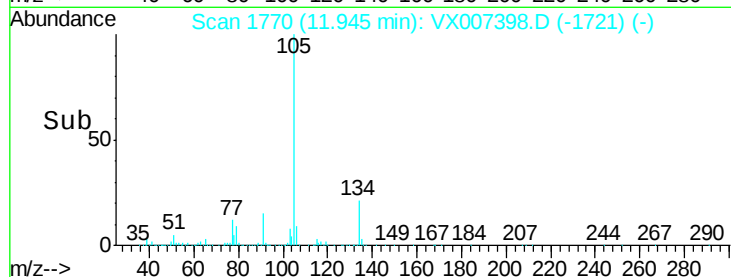
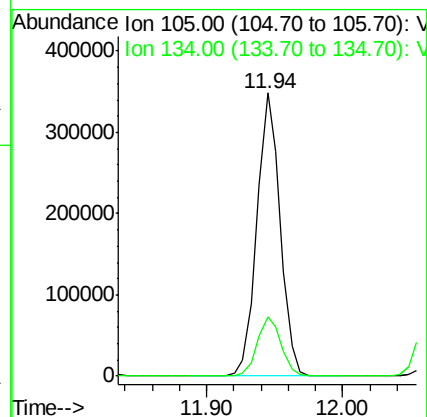
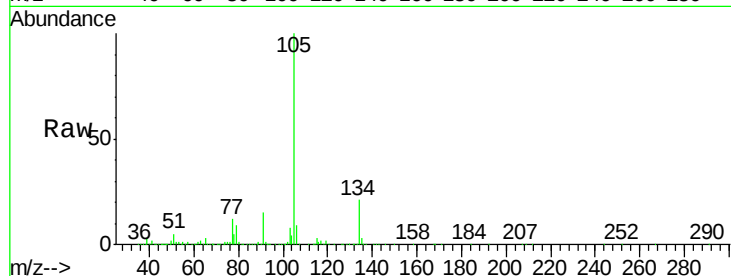
VX0206WBSD01

Tot Ion:105 Resp: 417945

Ion Ratio Lower Upper

105 100

134 21.6 10.6 31.8



#86

p-Isopropyltoluene

Concen: 18.421 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007398.D

Acq: 06 Feb 2019 14:38

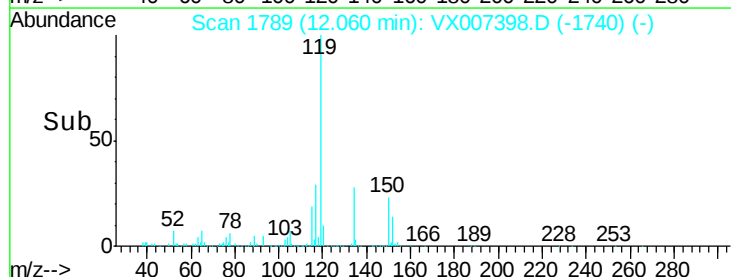
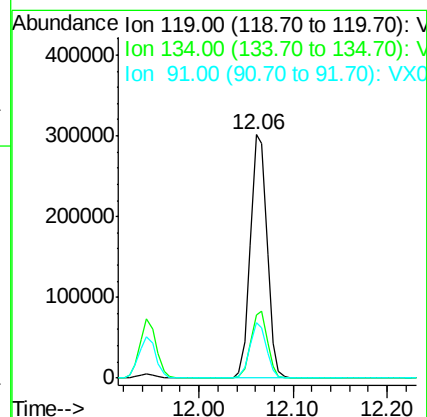
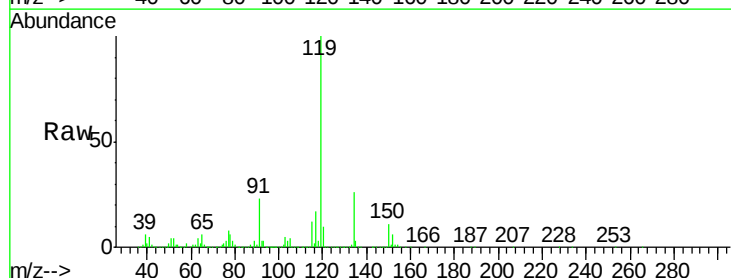
Tgt Ion:119 Resp: 373550

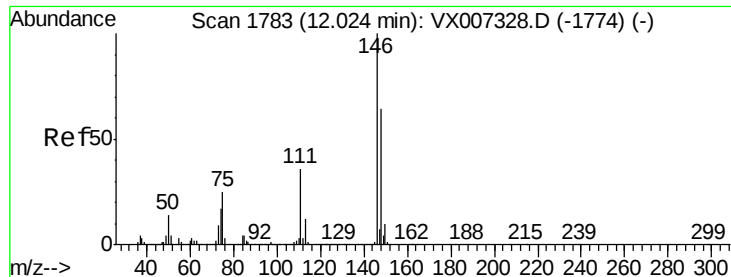
Ion Ratio Lower Upper

119 100

134 27.2 13.7 41.1

91 22.4 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 18.019 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX007398.D

Acq: 06 Feb 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBSD01

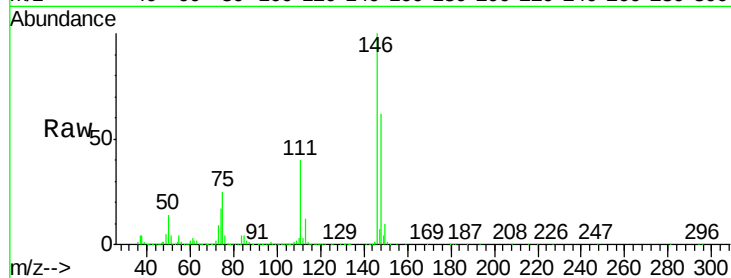
Tot Ion:146 Resp: 208784

Ion Ratio Lower Upper

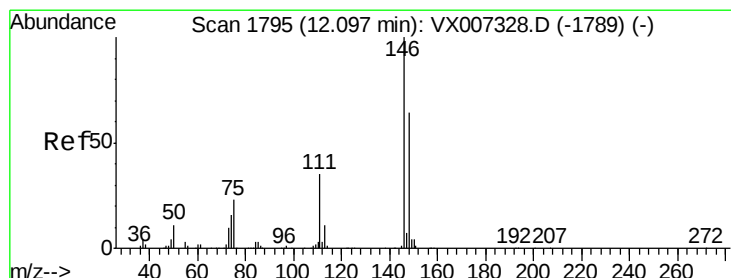
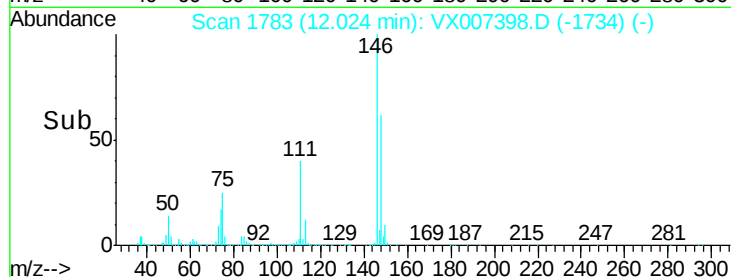
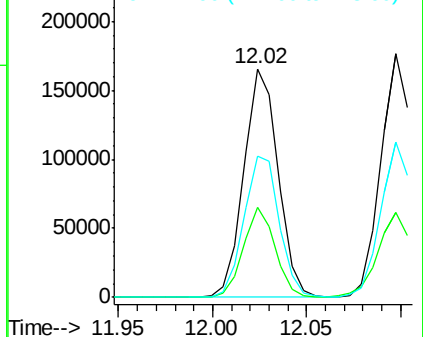
146 100

111 36.9 18.1 54.1

148 63.7 32.0 96.2



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



#88

1,4-Dichlorobenzene

Concen: 17.880 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX007398.D

Acq: 06 Feb 2019 14:38

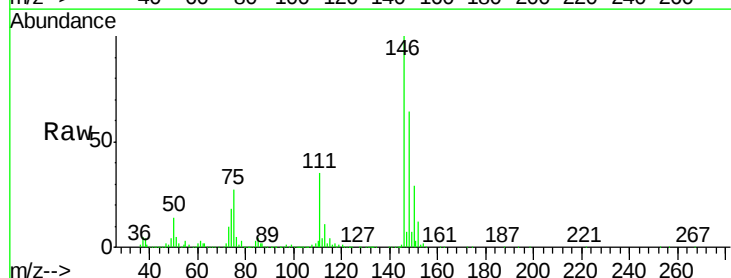
Tgt Ion:146 Resp: 210180

Ion Ratio Lower Upper

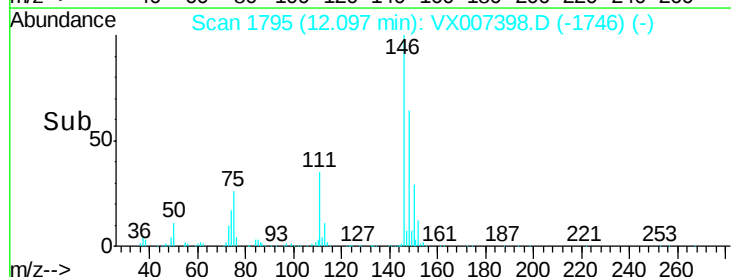
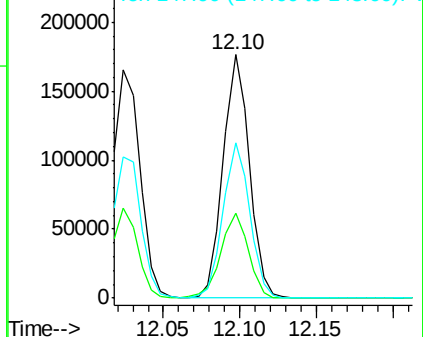
146 100

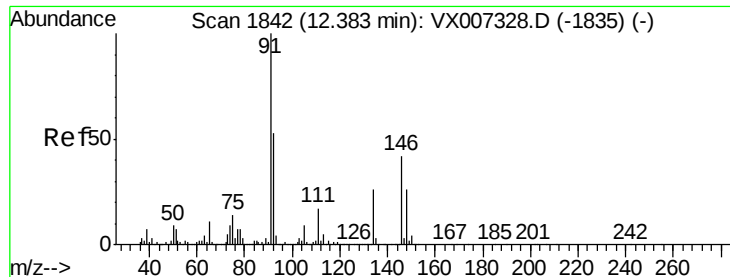
111 36.9 18.1 54.1

148 65.2 32.3 96.9



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

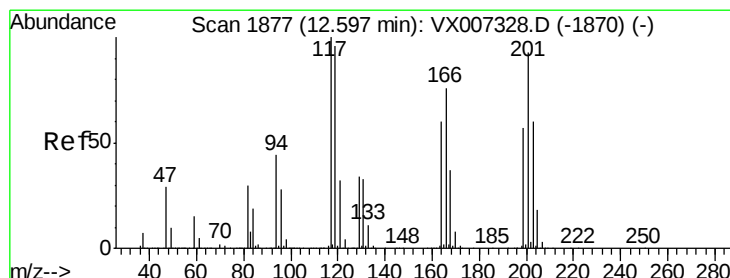
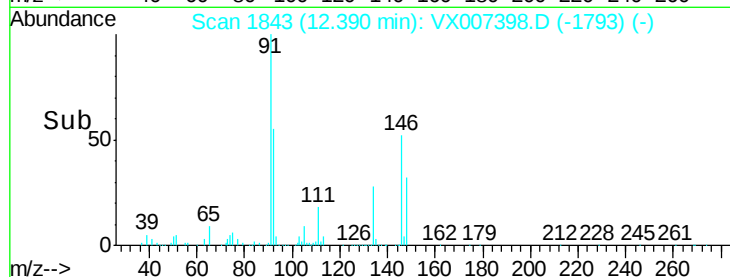
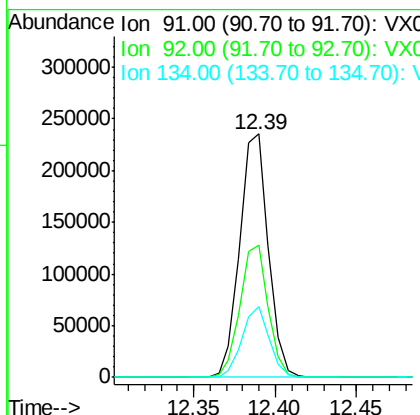
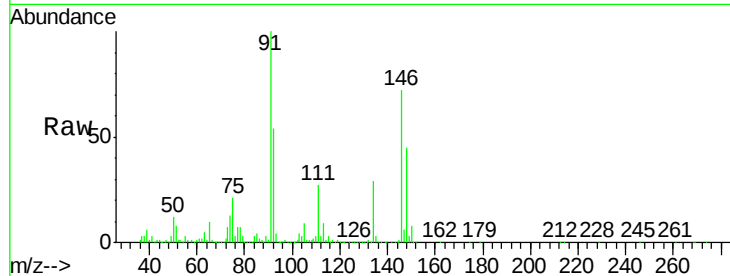




#89
n-Butylbenzene
Concen: 16.540 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007398.D
Acq: 06 Feb 2019 14:38

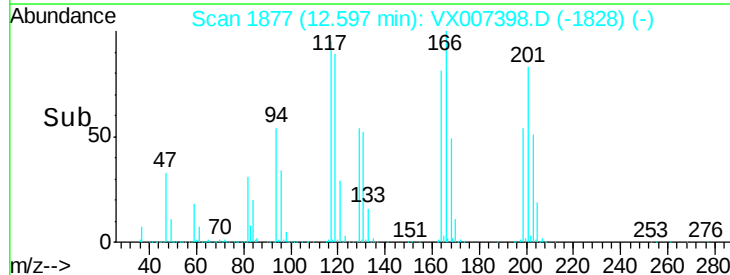
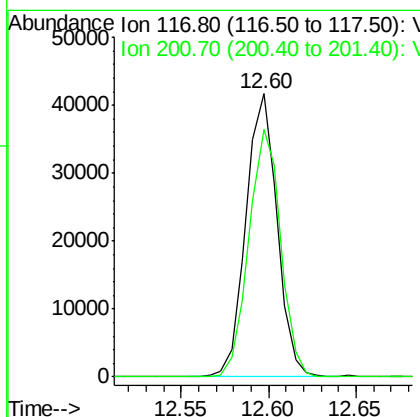
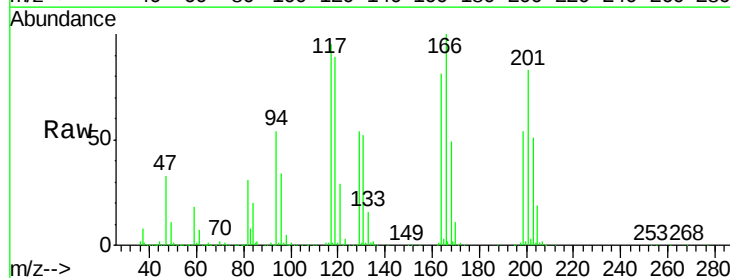
Instrument :
MSVOA_X
ClientSampleId :
VX0206WBSD01

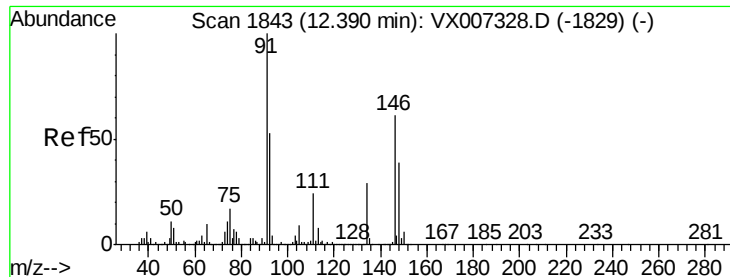
Tot Ion: 91 Resp: 288520
Ion Ratio Lower Upper
91 100
92 53.9 26.3 78.9
134 27.7 13.9 41.6



#90
Hexachloroethane
Concen: 17.069 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007398.D
Acq: 06 Feb 2019 14:38

Tgt Ion: 117 Resp: 51803
Ion Ratio Lower Upper
117 100
201 89.1 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 18.993 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007398.D

Acq: 06 Feb 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBSD01

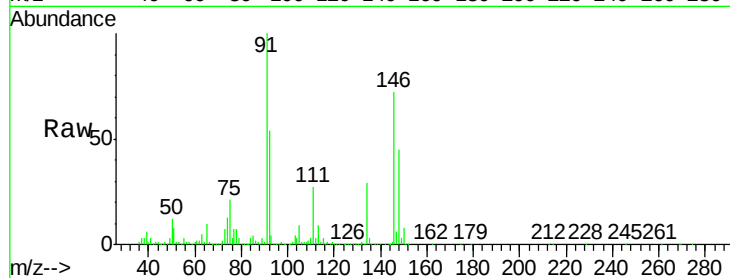
Tot Ion:146 Resp: 219008

Ion Ratio Lower Upper

146 100

111 38.5 19.1 57.3

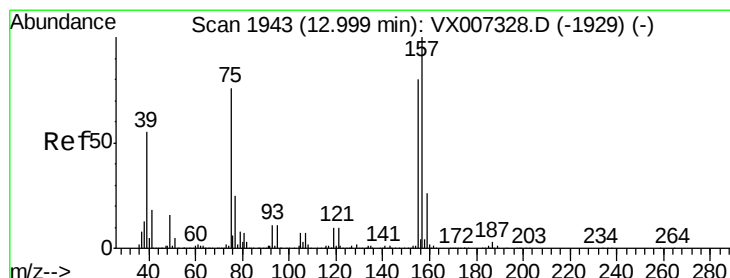
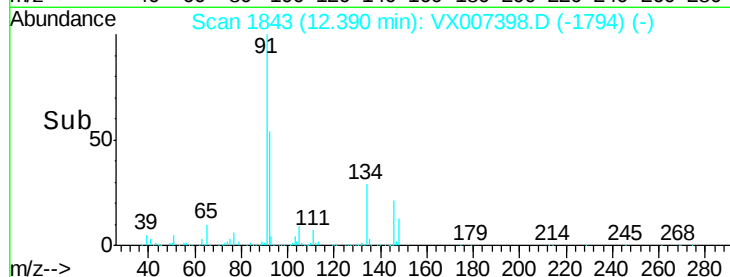
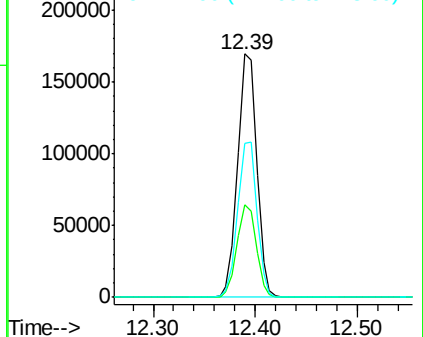
148 64.1 32.1 96.3



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: 18.643 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX007398.D

Acq: 06 Feb 2019 14:38

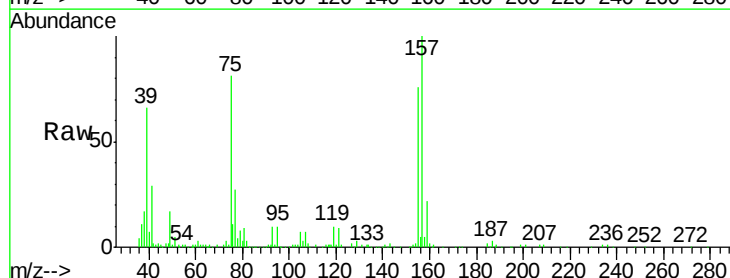
Tgt Ion: 75 Resp: 27070

Ion Ratio Lower Upper

75 100

155 97.0 49.6 149.0

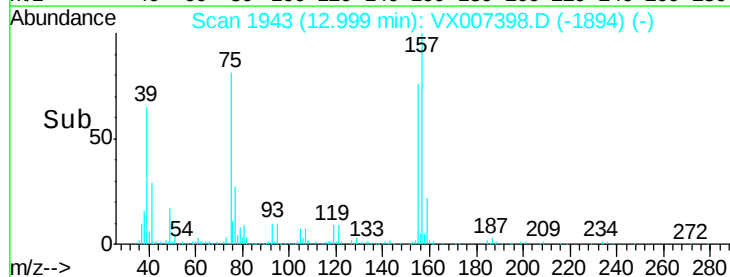
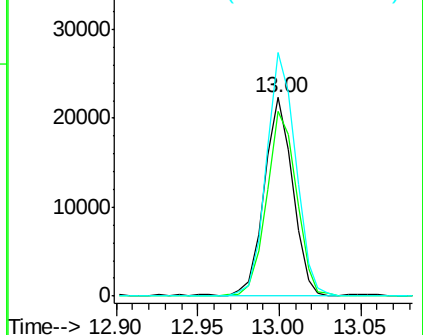
157 125.1 65.1 195.3

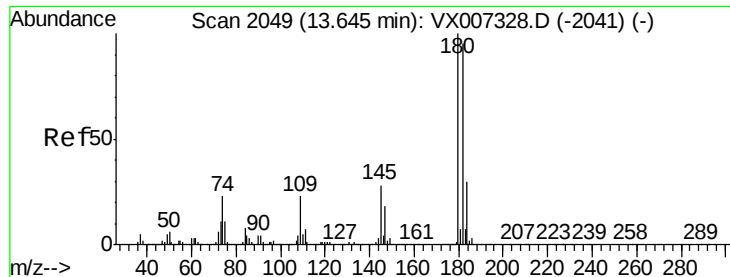


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

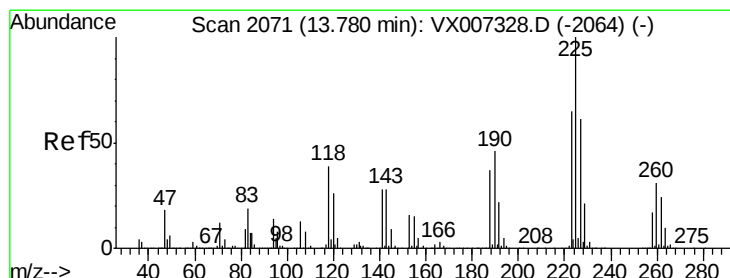
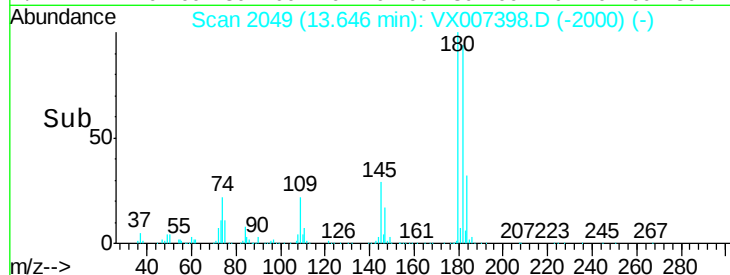
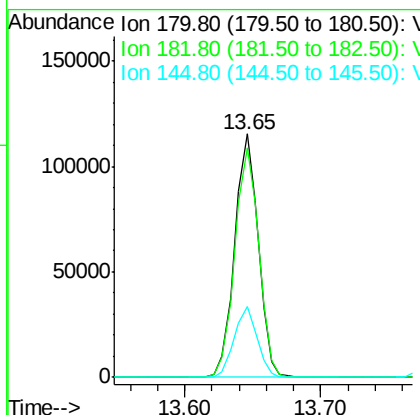
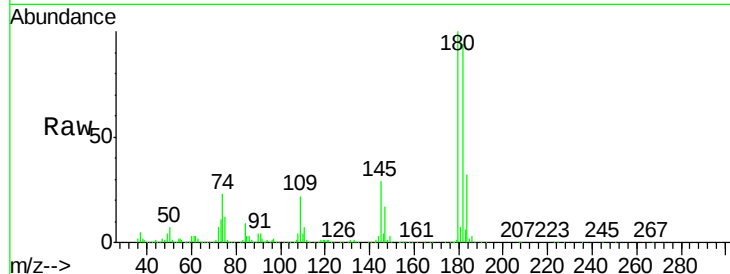




#93
 1,2,4-Trichlorobenzene
 Concen: 17.861 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007398.D
 Acq: 06 Feb 2019 14:38

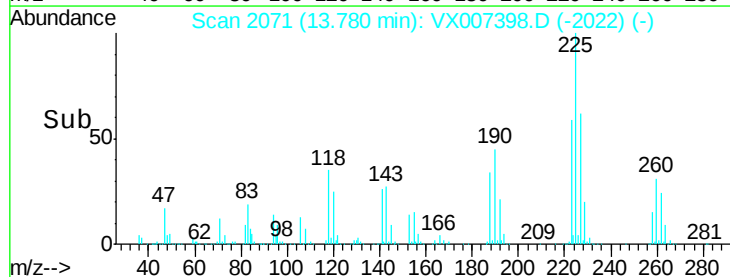
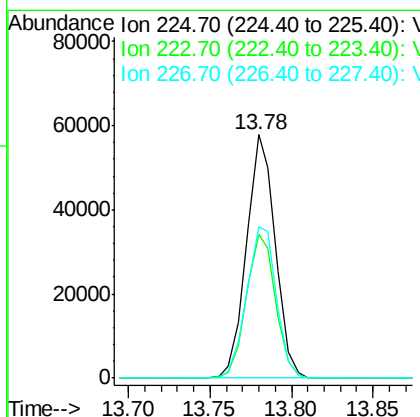
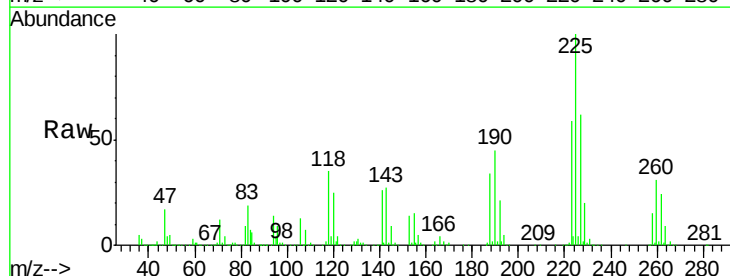
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206WBSD01

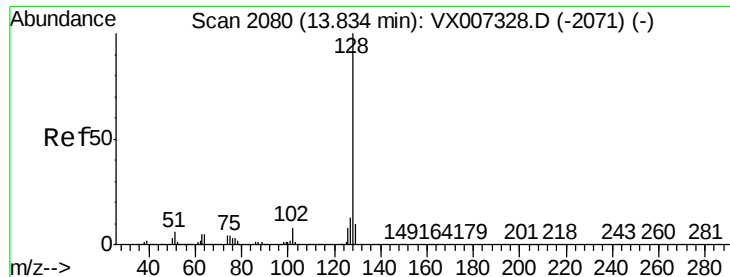
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.8	143.3
145	28.4	14.1	42.2



#94
 Hexachlorobutadiene
 Concen: 18.835 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007398.D
 Acq: 06 Feb 2019 14:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.1	31.6	94.8
227	64.4	32.1	96.3

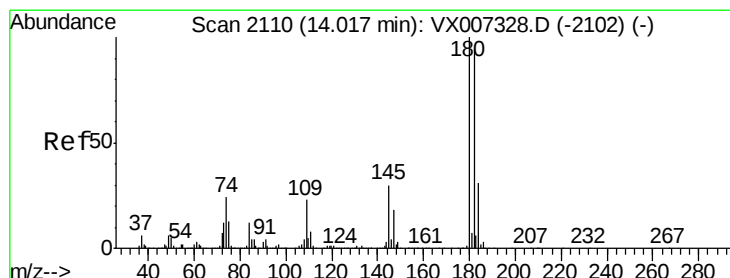
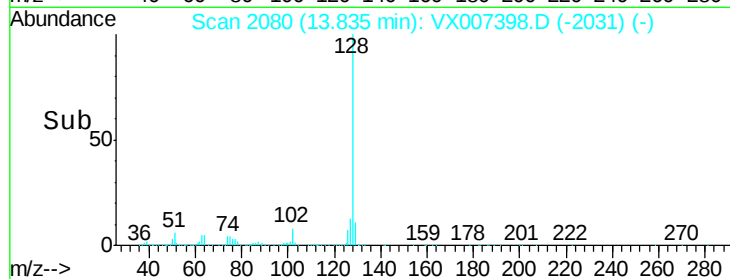
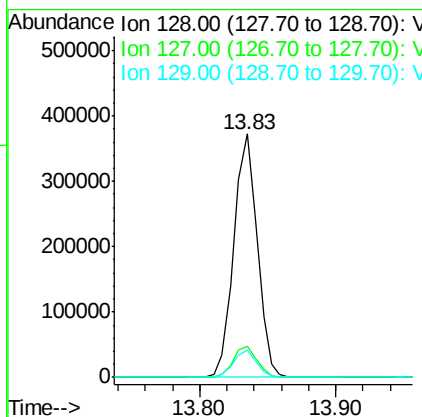
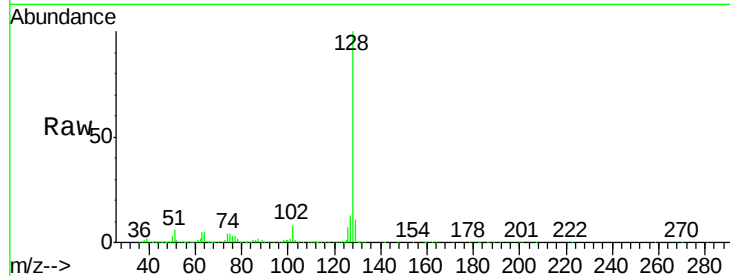




#95
Naphthalene
Concen: 19.673 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007398.D
Acq: 06 Feb 2019 14:38

Instrument :
MSVOA_X
ClientSampleId :
VX0206WBSD01

Tot Ion:128 Resp: 447375
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.837 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX007398.D
Acq: 06 Feb 2019 14:38

Tgt Ion:180 Resp: 147447
Ion Ratio Lower Upper
180 100
182 95.3 47.5 142.6
145 30.0 14.9 44.5

