

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022519\
 Data File : VX007707.D
 Acq On : 26 Feb 2019 10:27
 Operator : JC/SP
 Sample : VX0225WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBSD02

Quant Time: Feb 26 12:02:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	328369	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	509676	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	461753	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	222563	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	193291	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	
35) Dibromofluoromethane	5.50	113	172650	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
50) Toluene-d8	8.71	98	634491	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	
62) 4-Bromofluorobenzene	11.13	95	222259	46.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.86%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	61667	20.386	ug/l 98
3) Chloromethane	1.33	50	65143	19.434	ug/l 99
4) Vinyl Chloride	1.41	62	66074	19.213	ug/l 91
5) Bromomethane	1.64	94	44678	19.682	ug/l 95
6) Chloroethane	1.73	64	44026	20.038	ug/l 99
7) Trichlorofluoromethane	1.93	101	105650	20.040	ug/l 99
8) Diethyl Ether	2.19	74	40571	18.751	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	62278	19.544	ug/l 93
10) Methyl Iodide	2.51	142	80505	20.290	ug/l 96
11) Tert butyl alcohol	3.07	59	75920	98.375	ug/l 95
12) 1,1-Dichloroethene	2.38	96	57250	19.932	ug/l 98
13) Acrolein	2.30	56	32470	47.348	ug/l 96
14) Allyl chloride	2.73	41	101308	19.075	ug/l 96
15) Acrylonitrile	3.15	53	181634	100.011	ug/l 99
16) Acetone	2.45	43	212860	117.680	ug/l 100
17) Carbon Disulfide	2.57	76	153704	19.235	ug/l 98
18) Methyl Acetate	2.78	43	85386	21.633	ug/l 97
19) Methyl tert-butyl Ether	3.21	73	199191	19.914	ug/l 94
20) Methylene Chloride	2.86	84	63998	19.161	ug/l 95
21) trans-1,2-Dichloroethene	3.17	96	60721	19.446	ug/l 94
22) Diisopropyl ether	3.87	45	209608	18.959	ug/l 97
23) Vinyl Acetate	3.82	43	923746	95.232	ug/l 99
24) 1,1-Dichloroethane	3.70	63	118624	19.742	ug/l 98
25) 2-Butanone	4.70	43	287756	104.438	ug/l 99
26) 2,2-Dichloropropane	4.59	77	88049	18.358	ug/l 99
27) cis-1,2-Dichloroethene	4.60	96	77739	19.566	ug/l 98
28) Bromochloromethane	5.02	49	55894	19.108	ug/l 97
29) Tetrahydrofuran	5.15	42	171587	94.476	ug/l 99
30) Chloroform	5.21	83	124719	19.377	ug/l 99
31) Cyclohexane	5.57	56	104388	18.469	ug/l 98
32) 1,1,1-Trichloroethane	5.49	97	104531	19.638	ug/l 99
36) 1,1-Dichloropropene	5.80	75	88591	19.334	ug/l 99
37) Ethyl Acetate	4.85	43	97760	19.206	ug/l 99
38) Carbon Tetrachloride	5.79	117	90409	19.642	ug/l 99

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 ClientSampleId :
 VX0225WBSD02

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	110152	19.021	ug/l	99
40) Benzene	6.15	78	282855	19.997	ug/l	99
41) Methacrylonitrile	5.06	41	52937	19.476	ug/l	98
42) 1,2-Dichloroethane	6.20	62	96367	20.270	ug/l	99
43) Isopropyl Acetate	6.46	43	150626	19.228	ug/l	99
44) Trichloroethene	7.21	130	77264	19.857	ug/l	100
45) 1,2-Dichloropropane	7.51	63	73022	19.929	ug/l	99
46) Dibromomethane	7.66	93	50309	19.681	ug/l	93
47) Bromodichloromethane	7.90	83	89631	20.234	ug/l	98
48) Methyl methacrylate	7.77	41	76592	18.652	ug/l	99
49) 1,4-Dioxane	7.75	88	35715	402.691	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	517787	98.743	ug/l	100
52) Toluene	8.78	92	176786	19.820	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	93743	18.870	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	105490	19.623	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	72513	19.495	ug/l	98
56) Ethyl methacrylate	9.18	69	101171	19.127	ug/l	99
57) 1,3-Dichloropropane	9.37	76	118308	19.870	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	283268	97.115	ug/l	100
59) 2-Hexanone	9.49	43	411535	99.963	ug/l	99
60) Dibromochloromethane	9.58	129	71631	20.014	ug/l	97
61) 1,2-Dibromoethane	9.67	107	79296	20.534	ug/l	100
64) Tetrachloroethene	9.33	164	72442	19.325	ug/l	98
65) Chlorobenzene	10.14	112	197850	19.811	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	68486	19.659	ug/l	99
67) Ethyl Benzene	10.25	91	321150	19.412	ug/l	98
68) m/p-Xylenes	10.36	106	252198	39.186	ug/l	99
69) o-Xylene	10.70	106	119416	19.290	ug/l	97
70) Styrene	10.71	104	197912	19.450	ug/l	99
71) Bromoform	10.86	173	49371	18.900	ug/l #	100
73) Isopropylbenzene	11.02	105	320984	20.179	ug/l	99
74) N-amyl acetate	10.90	43	134719	19.503	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	109934	19.982	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	122164	25.751	ug/l	79
77) Bromobenzene	11.26	156	84939	21.289	ug/l	95
78) n-propylbenzene	11.36	91	371597	20.673	ug/l	97
79) 2-Chlorotoluene	11.42	91	216794	20.031	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	263244	20.119	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	27967	17.856	ug/l	95
82) 4-Chlorotoluene	11.51	91	246797	19.492	ug/l	99
83) tert-Butylbenzene	11.77	119	255783	20.360	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	271616	20.294	ug/l	100
85) sec-Butylbenzene	11.94	105	318925	20.259	ug/l	98
86) p-Isopropyltoluene	12.06	119	279520	20.275	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	148460	20.060	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	149793	19.763	ug/l	97
89) n-Butylbenzene	12.39	91	237483	19.315	ug/l	98
90) Hexachloroethane	12.60	117	44026	18.953	ug/l	88
91) 1,2-Dichlorobenzene	12.39	146	150001	20.257	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	22526	18.791	ug/l	88

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ClientSampleId :
VX0225WBSD02

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Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
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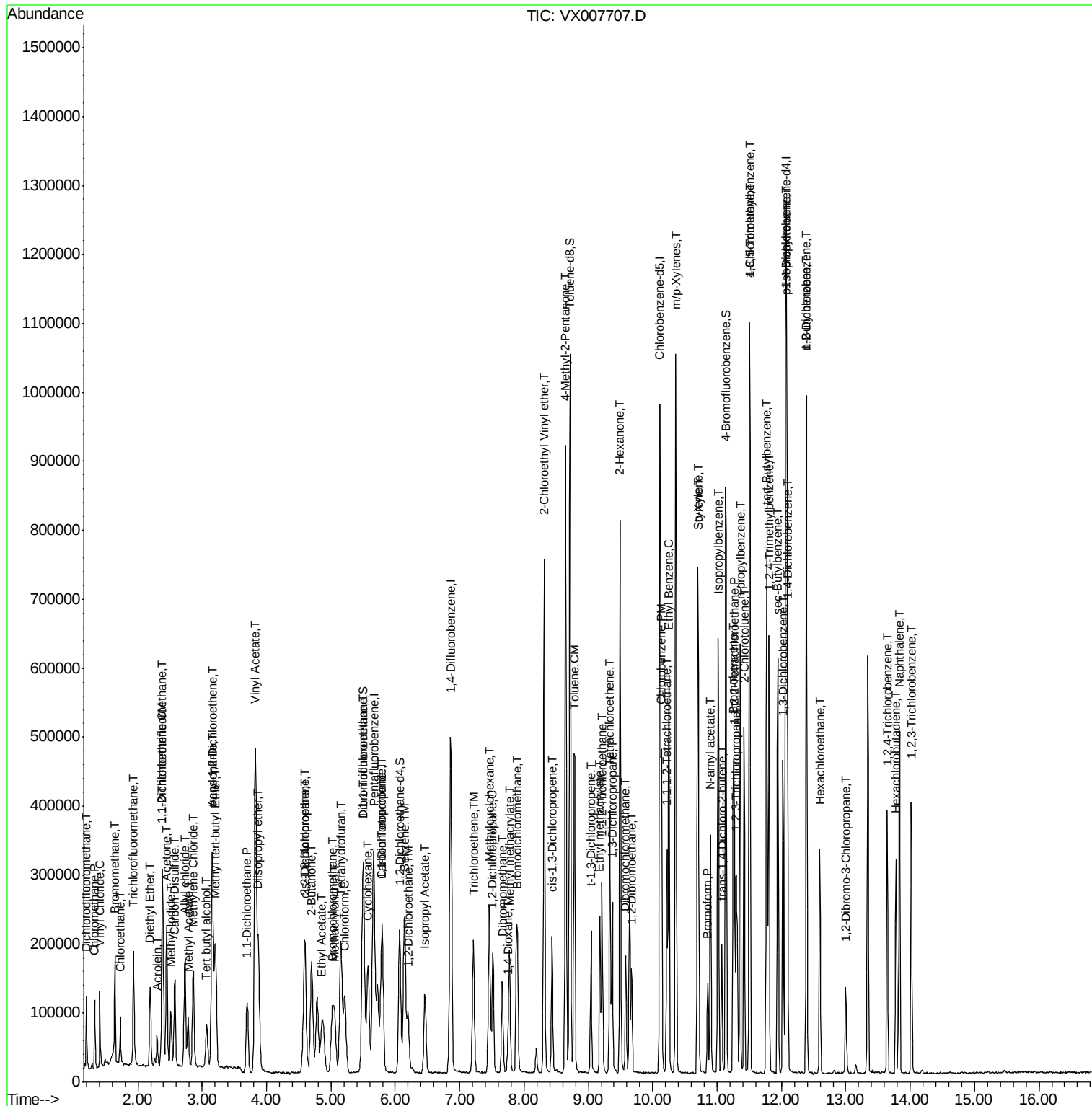
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	90163	19.948	ug/l	99
94) Hexachlorobutadiene	13.78	225	40859	19.760	ug/l	100
95) Naphthalene	13.83	128	303765	20.743	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	91714	20.208	ug/l	98

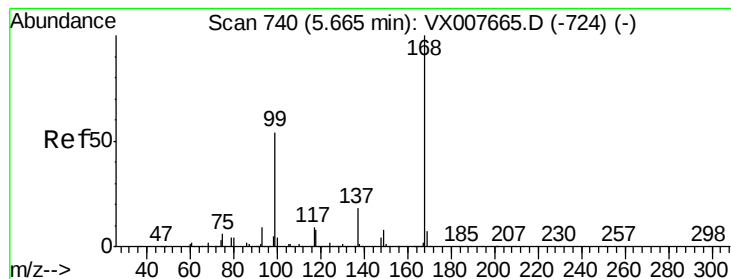
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

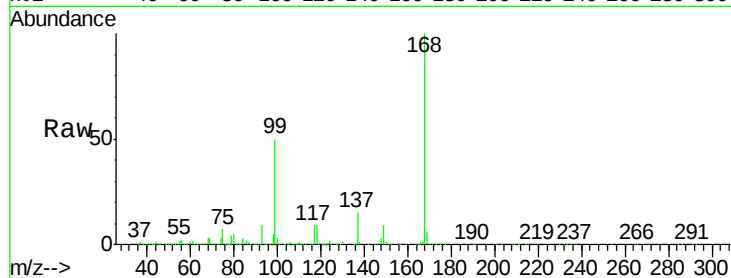
VX0225WBSD02

Tgt Ion:168 Resp: 328369

Ion Ratio Lower Upper

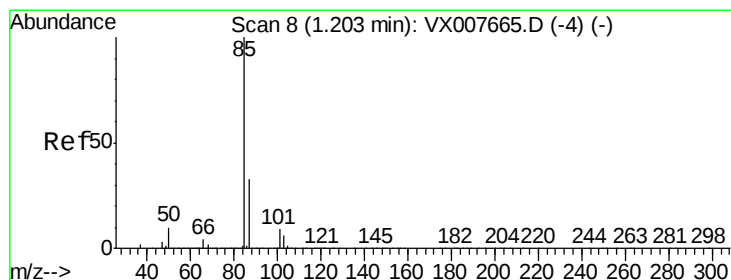
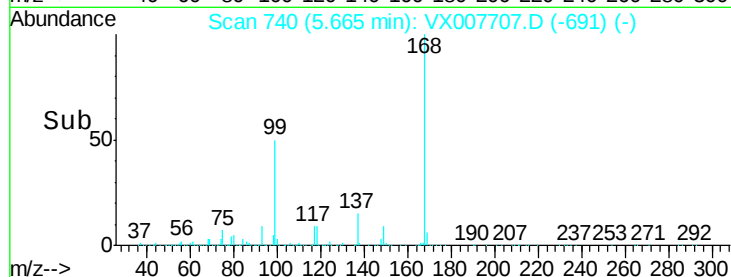
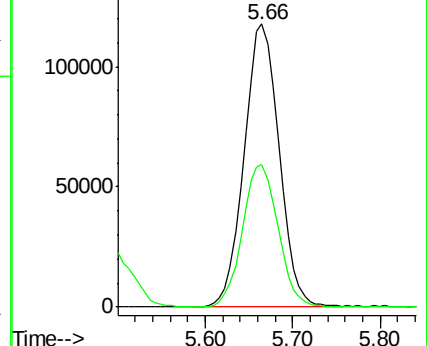
168 100

99 50.1 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 20.386 ug/l

RT: 1.20 min Scan# 8

Delta R.T. -0.00 min

Lab File: VX007707.D

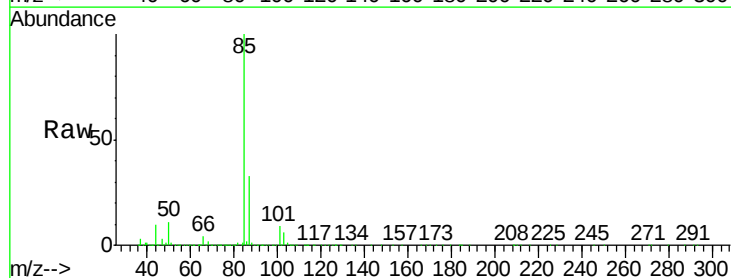
Acq: 26 Feb 2019 10:27

Tgt Ion: 85 Resp: 61667

Ion Ratio Lower Upper

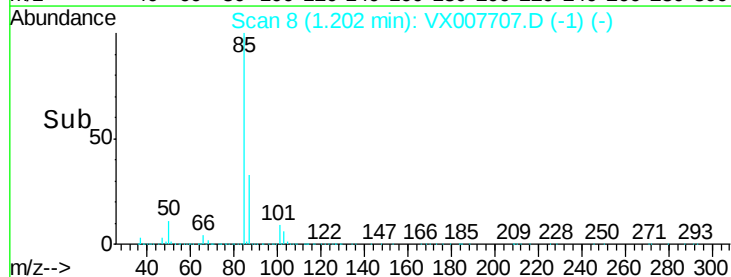
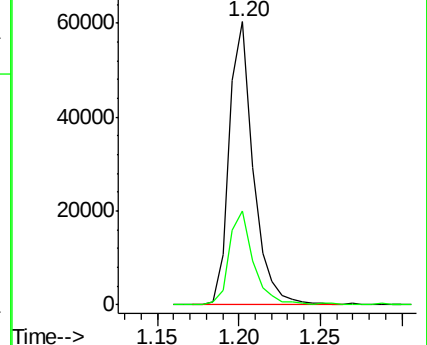
85 100

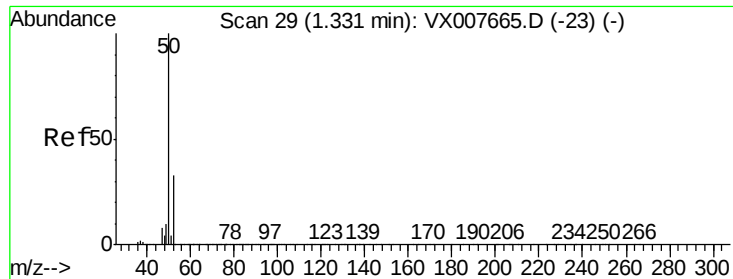
87 32.9 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

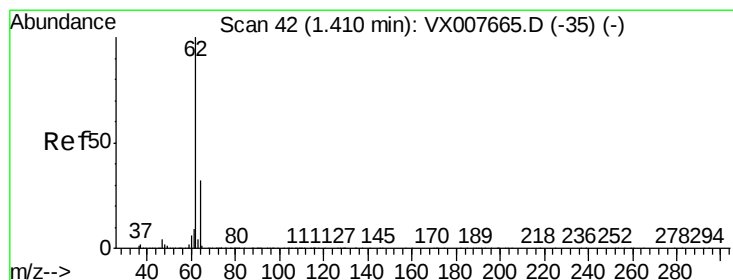
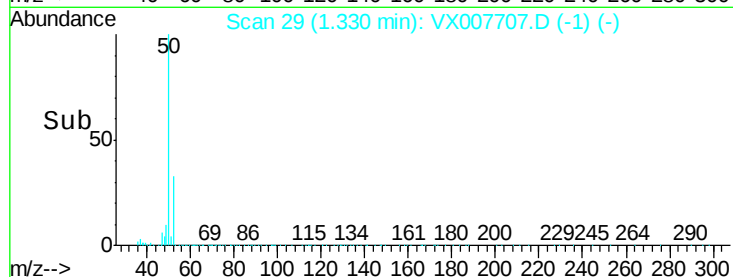
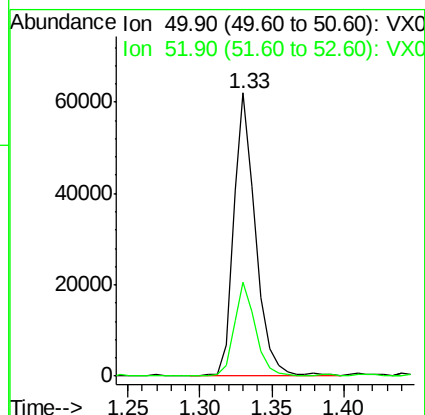
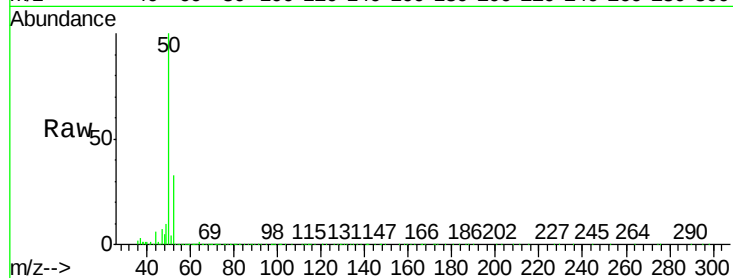




#3
Chloromethane
Concen: 19.434 ug/l
RT: 1.33 min Scan# 29
Delta R.T. -0.00 min
Lab File: VX007707.D
Acq: 26 Feb 2019 10:27

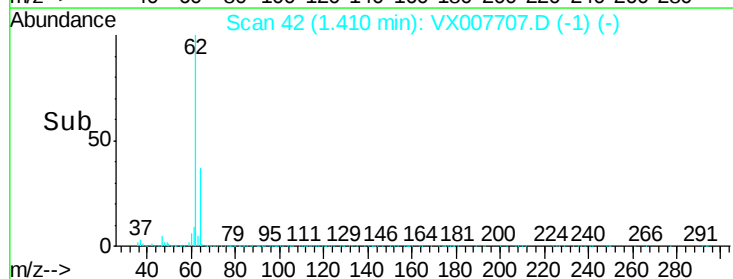
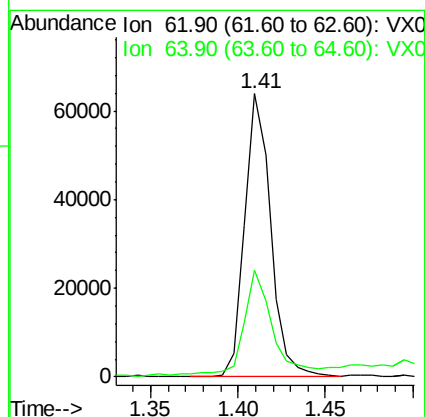
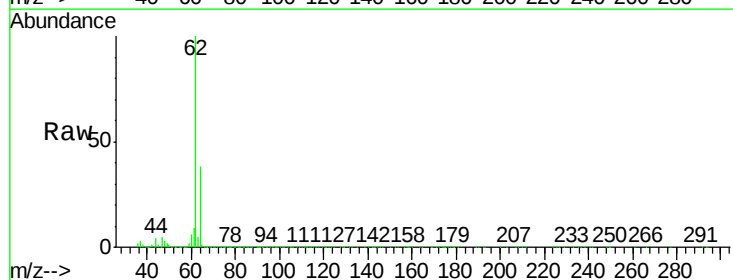
Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD02

Tgt Ion: 50 Resp: 65143
Ion Ratio Lower Upper
50 100
52 32.9 26.1 39.1



#4
Vinyl Chloride
Concen: 19.213 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX007707.D
Acq: 26 Feb 2019 10:27

Tgt Ion: 62 Resp: 66074
Ion Ratio Lower Upper
62 100
64 36.5 25.4 38.0





#5

Bromomethane

Concen: 19.682 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

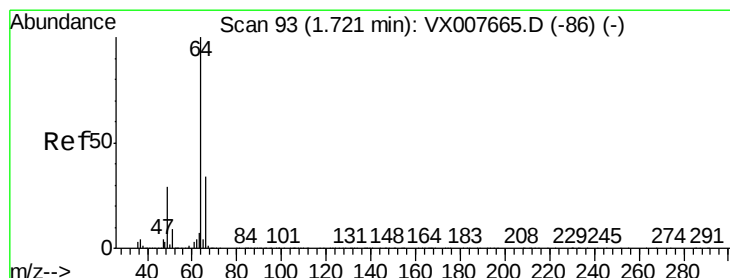
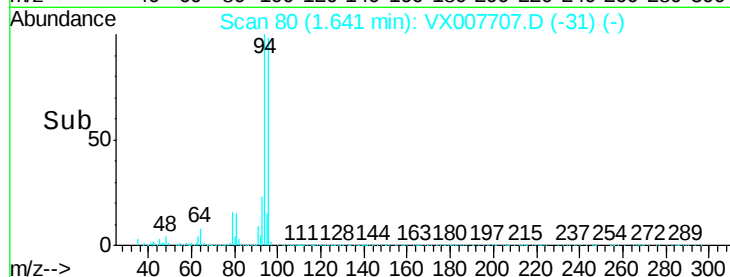
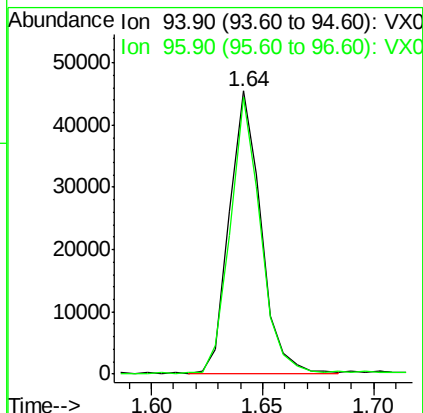
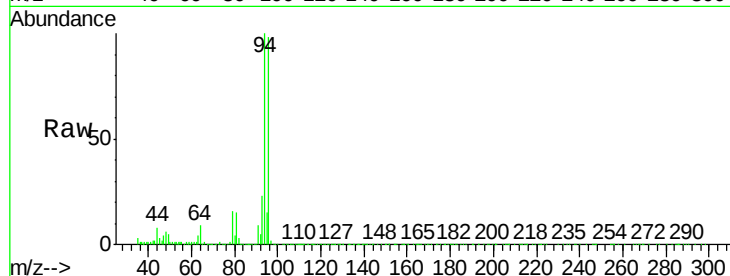
VX0225WBSD02

Tgt Ion: 94 Resp: 44678

Ion Ratio Lower Upper

94 100

96 97.5 73.9 110.9



#6

Chloroethane

Concen: 20.038 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007707.D

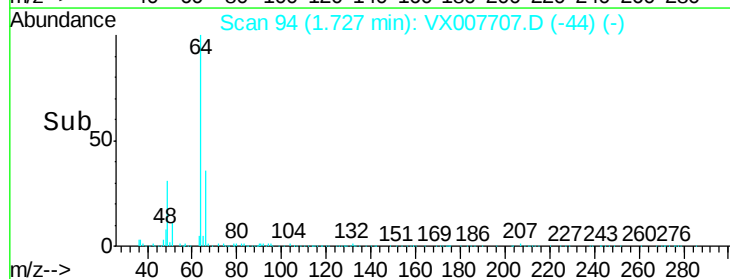
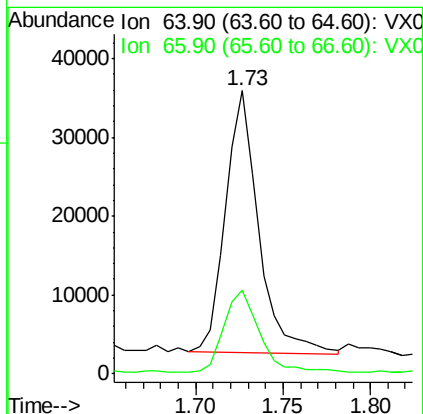
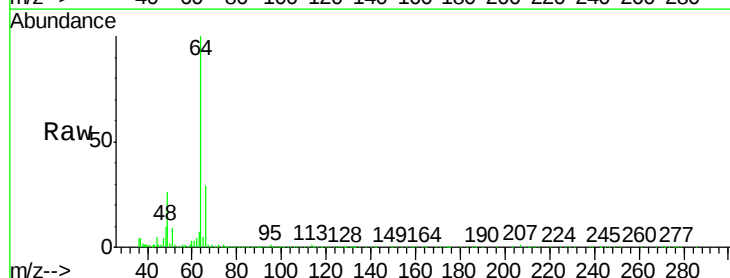
Acq: 26 Feb 2019 10:27

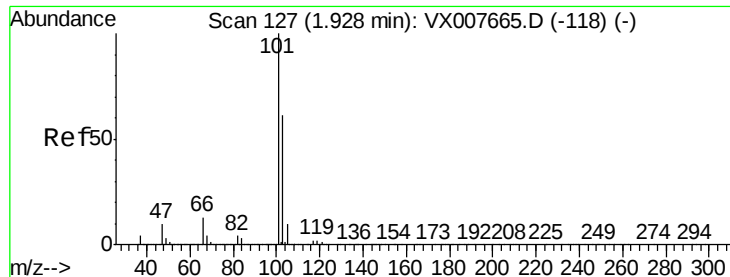
Tgt Ion: 64 Resp: 44026

Ion Ratio Lower Upper

64 100

66 31.2 25.5 38.3



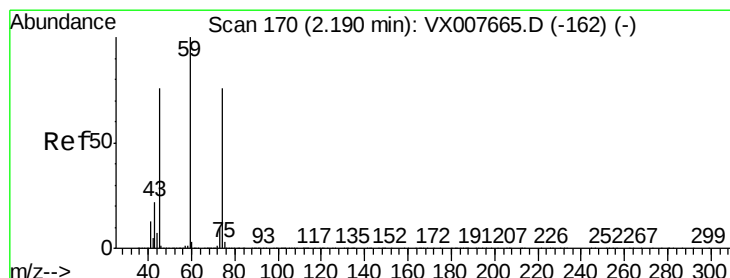
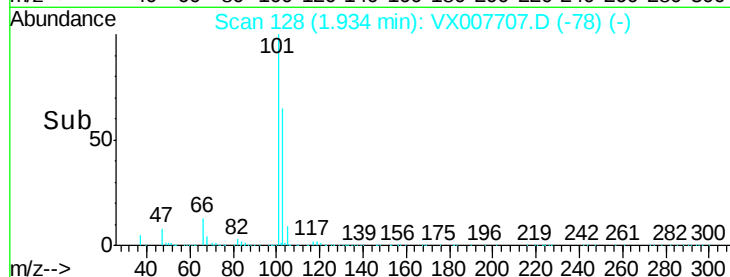
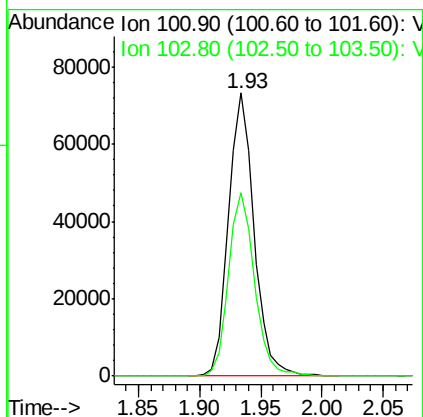
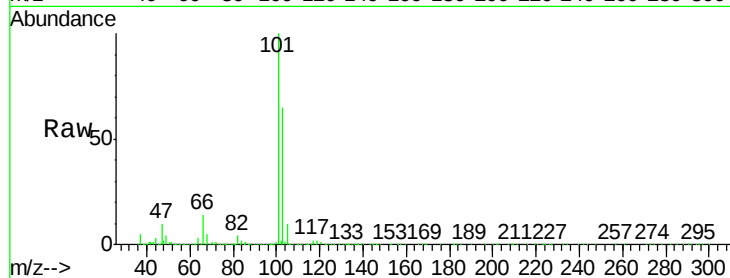


#7

Trichlorofluoromethane
Concen: 20.040 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007707.D
Acq: 26 Feb 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD02

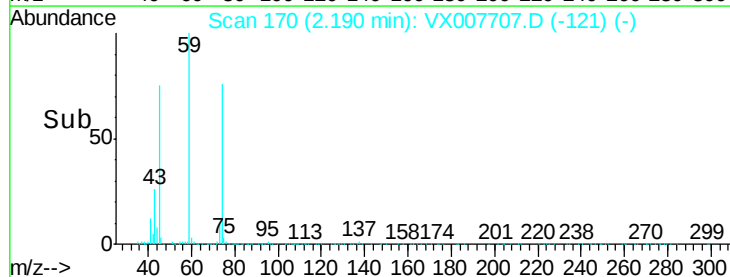
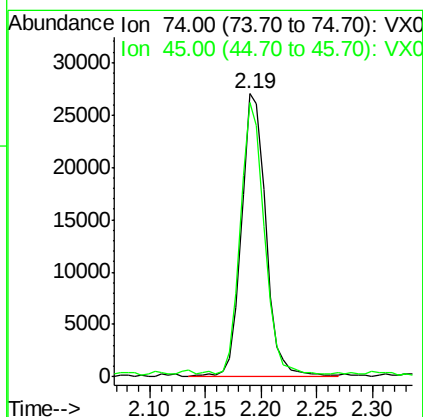
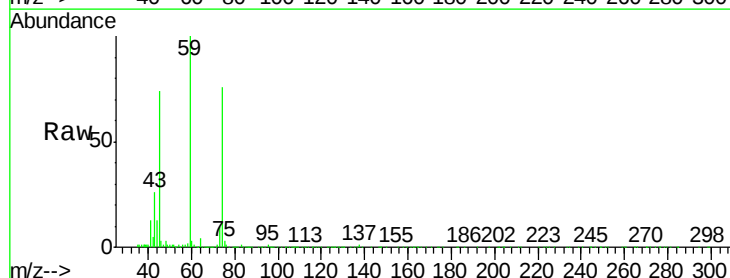
Tgt Ion:101 Resp: 105650
Ion Ratio Lower Upper
101 100
103 64.8 52.6 79.0



#8

Diethyl Ether
Concen: 18.751 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007707.D
Acq: 26 Feb 2019 10:27

Tgt Ion: 74 Resp: 40571
Ion Ratio Lower Upper
74 100
45 94.2 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.544 ug/l

RT: 2.38 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD02

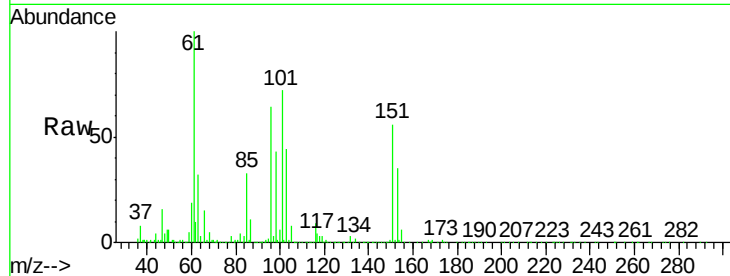
Tgt Ion:101 Resp: 62278

Ion Ratio Lower Upper

101 100

85 44.9 34.1 51.1

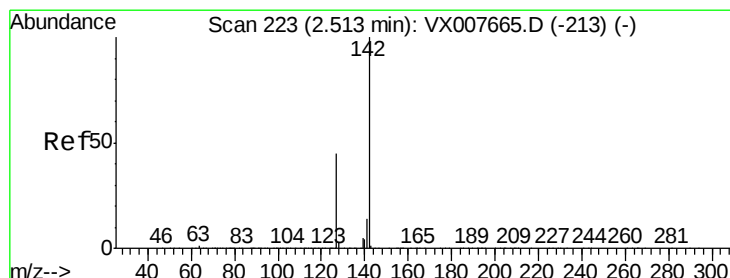
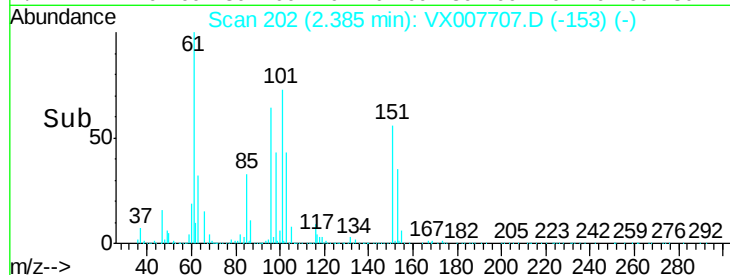
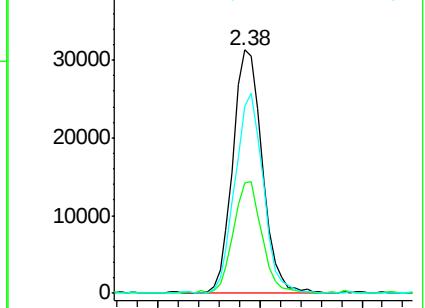
151 79.4 69.9 104.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.290 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

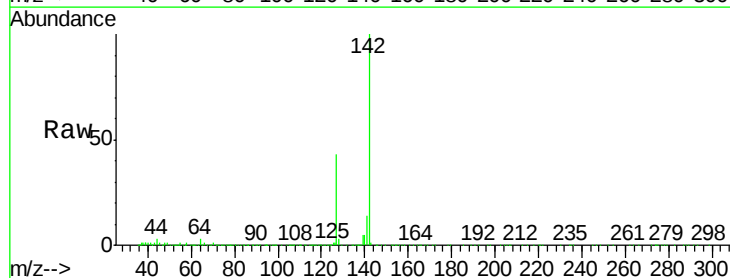
Tgt Ion:142 Resp: 80505

Ion Ratio Lower Upper

142 100

127 44.8 33.7 50.5

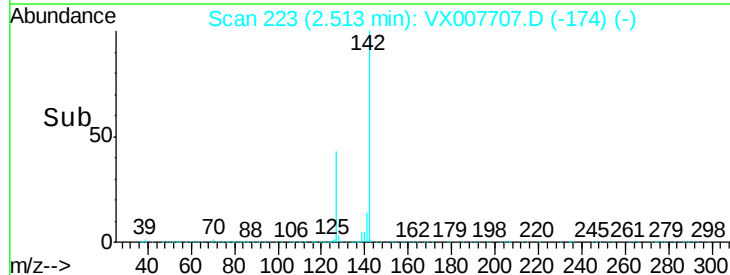
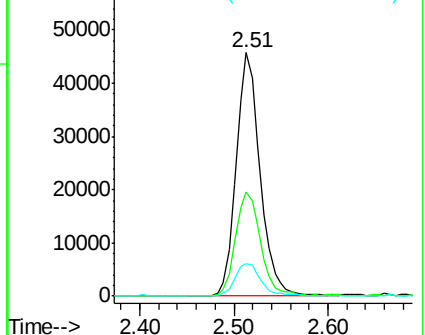
141 14.7 11.3 16.9

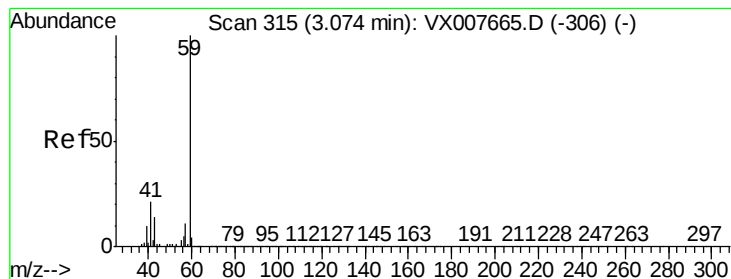


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



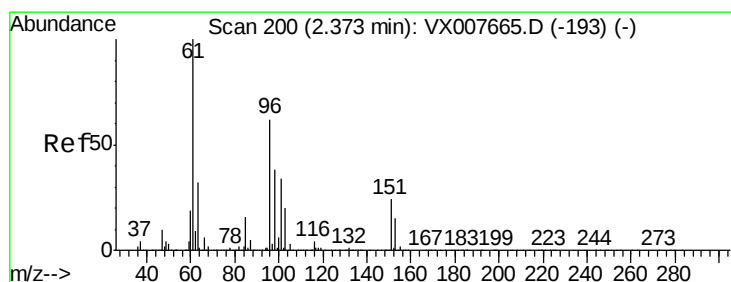
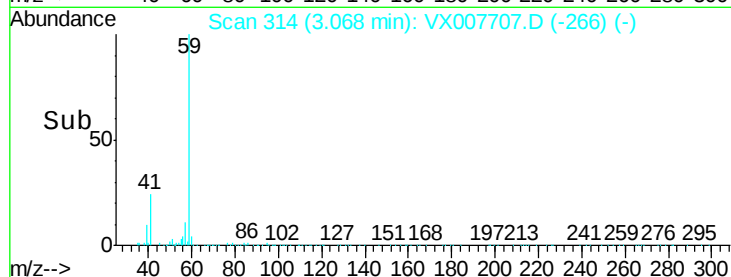
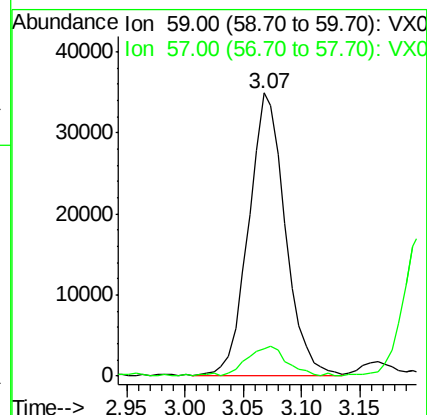
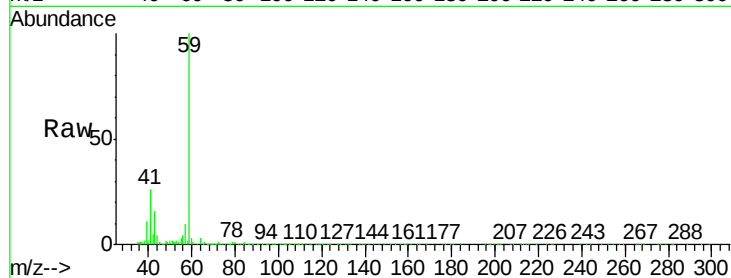


#11

Tert butyl alcohol
Concen: 98.375 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX007707.D
Acq: 26 Feb 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD02

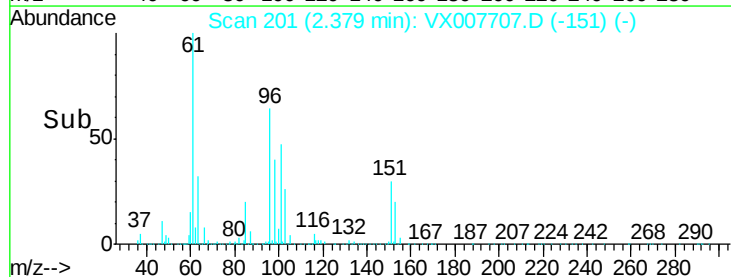
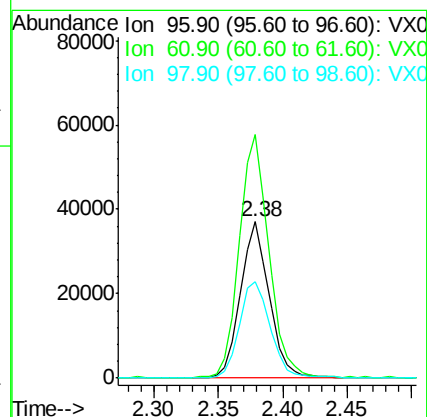
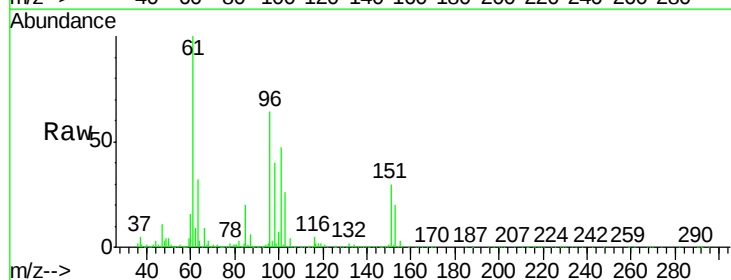
Tgt Ion: 59 Resp: 75920
Ion Ratio Lower Upper
59 100
57 12.0 8.1 12.1

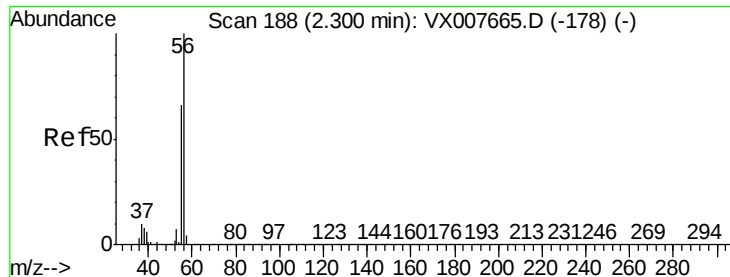


#12

1,1-Dichloroethene
Concen: 19.932 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007707.D
Acq: 26 Feb 2019 10:27

Tgt Ion: 96 Resp: 57250
Ion Ratio Lower Upper
96 100
61 155.5 123.0 184.4
98 61.5 50.9 76.3





#13

Acrolein

Concen: 47.348 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

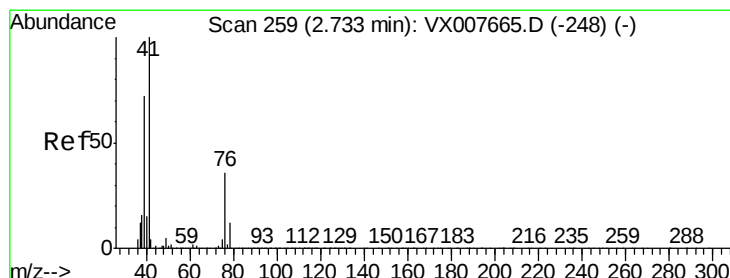
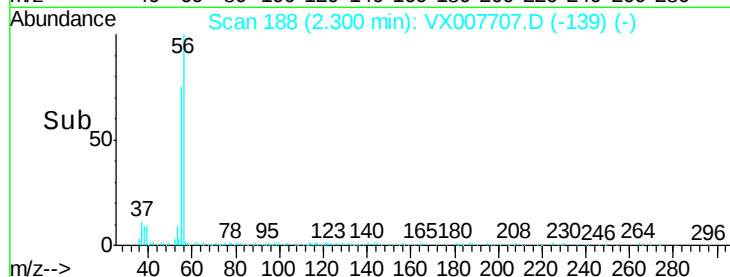
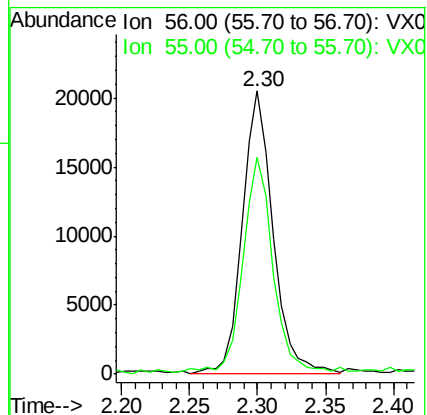
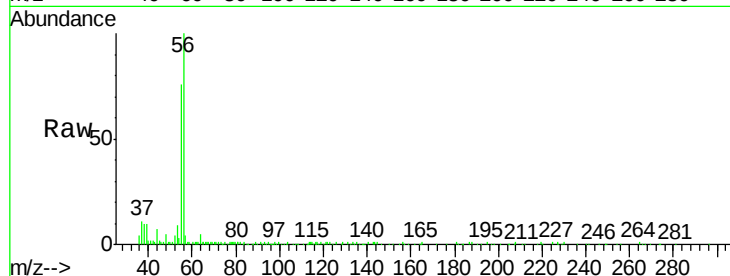
VX0225WBSD02

Tgt Ion: 56 Resp: 32470

Ion Ratio Lower Upper

56 100

55 74.4 56.9 85.3



#14

Allyl chloride

Concen: 19.075 ug/l

RT: 2.73 min Scan# 259

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

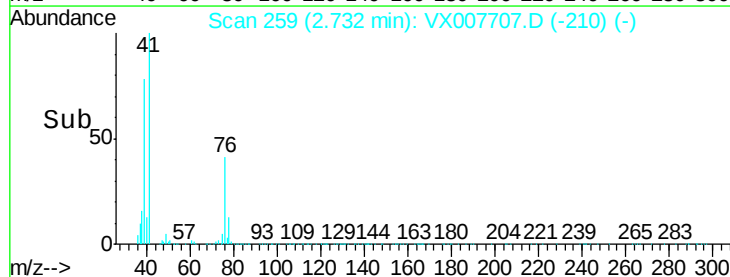
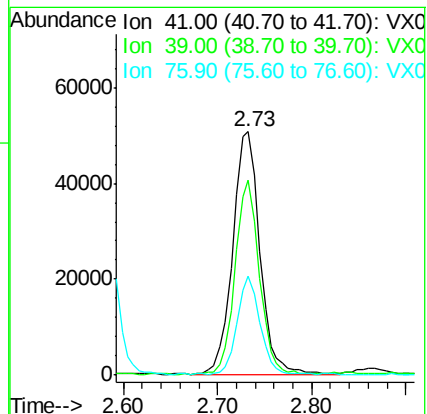
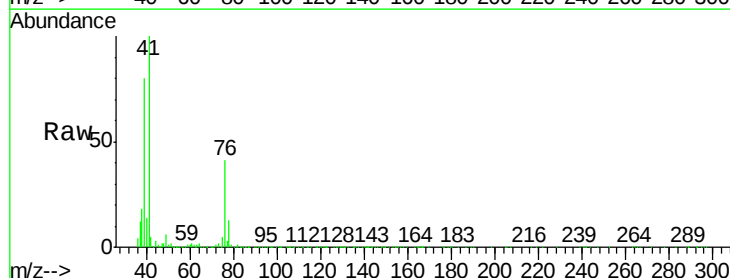
Tgt Ion: 41 Resp: 101308

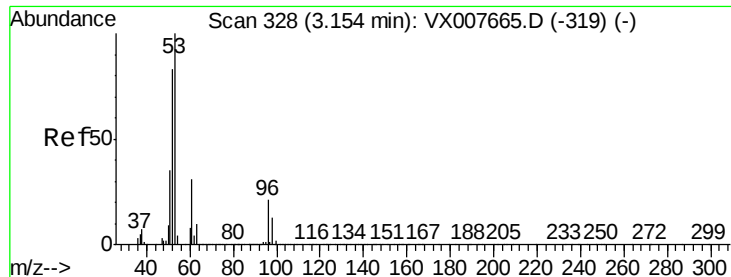
Ion Ratio Lower Upper

41 100

39 72.2 54.1 81.1

76 34.1 27.8 41.8





#15

Acrylonitrile

Concen: 100.011 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD02

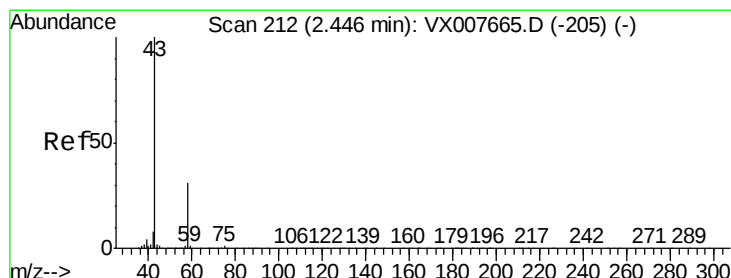
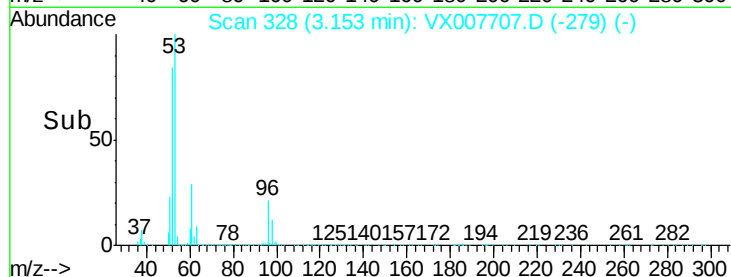
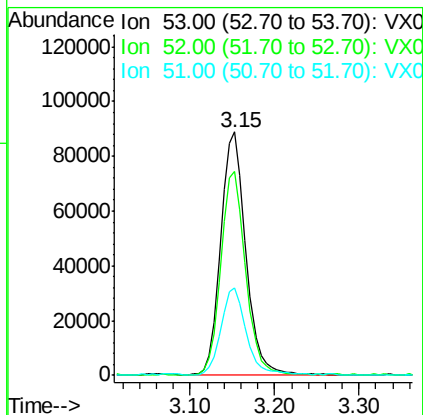
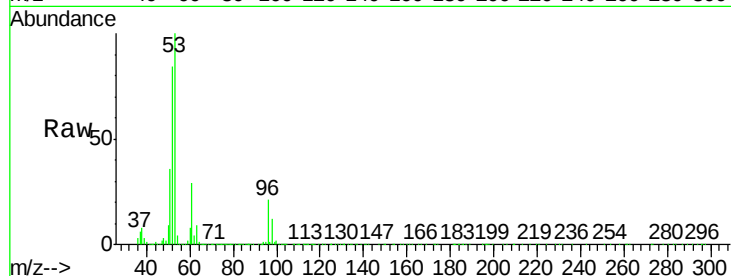
Tgt Ion: 53 Resp: 181634

Ion Ratio Lower Upper

53 100

52 82.7 66.4 99.6

51 36.1 28.4 42.6



#16

Acetone

Concen: 117.680 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007707.D

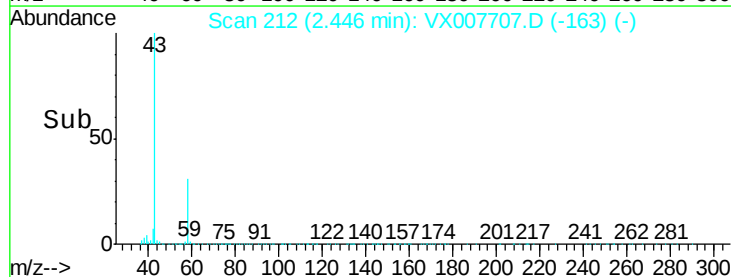
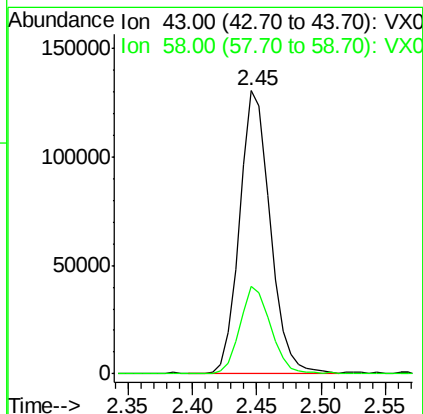
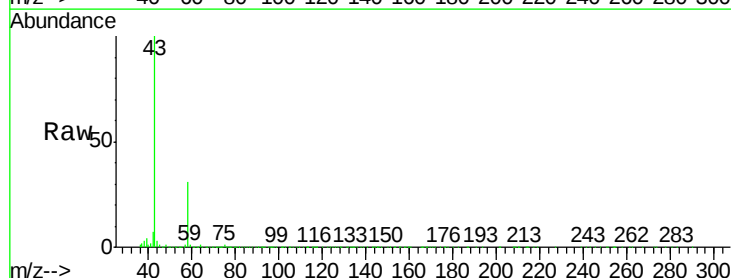
Acq: 26 Feb 2019 10:27

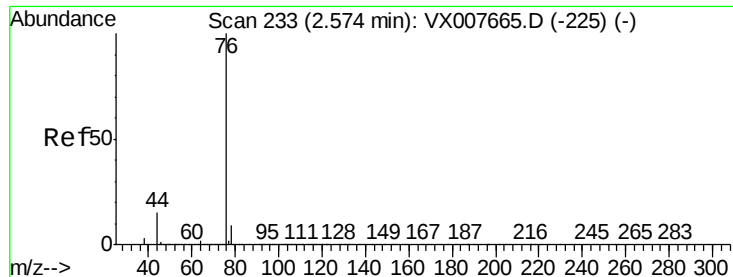
Tgt Ion: 43 Resp: 212860

Ion Ratio Lower Upper

43 100

58 30.9 24.9 37.3





#17

Carbon Disulfide

Concen: 19.235 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

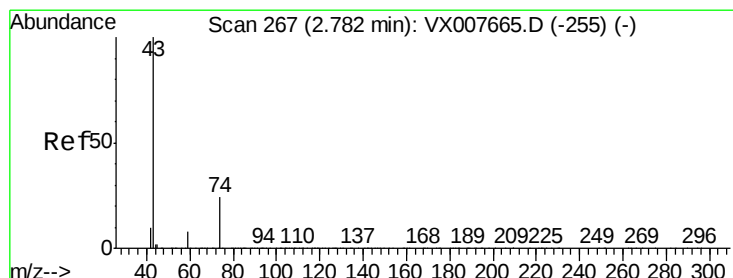
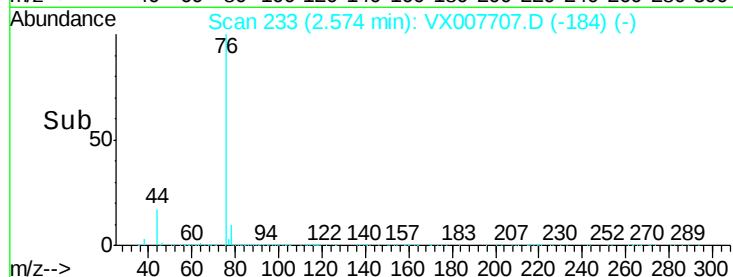
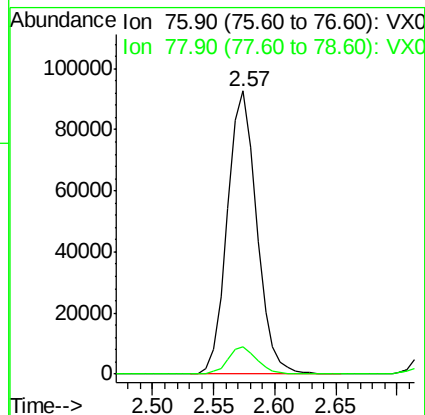
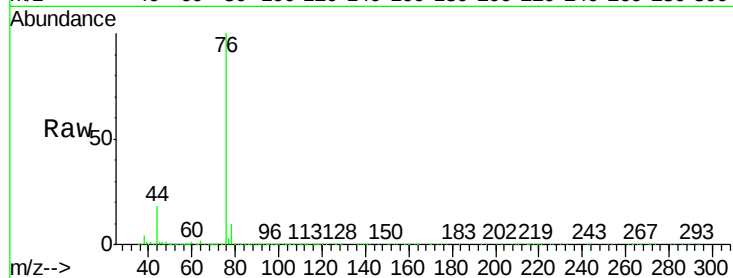
VX0225WBSD02

Tgt Ion: 76 Resp: 153704

Ion Ratio Lower Upper

76 100

78 9.6 7.1 10.7



#18

Methyl Acetate

Concen: 21.633 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX007707.D

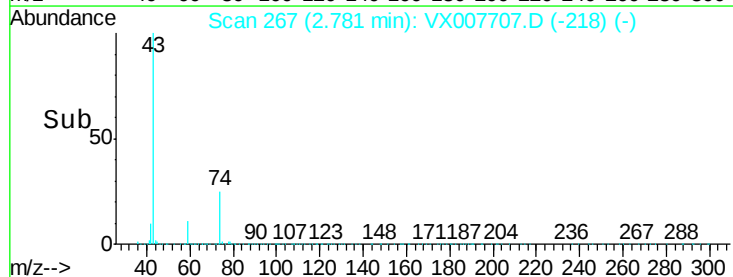
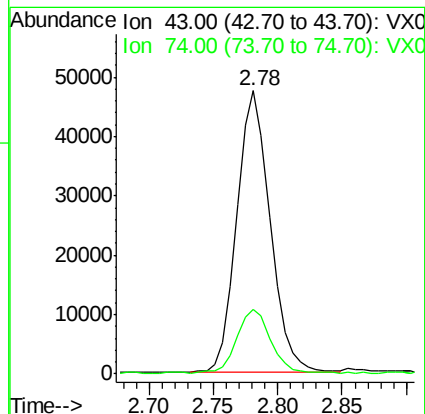
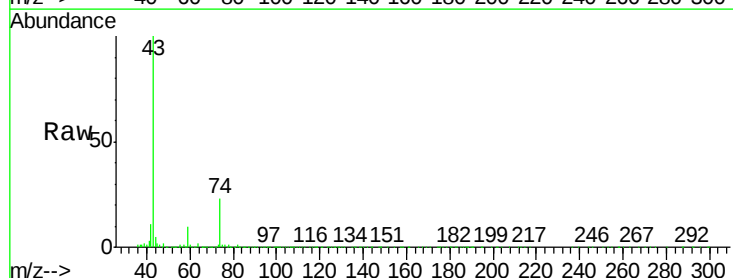
Acq: 26 Feb 2019 10:27

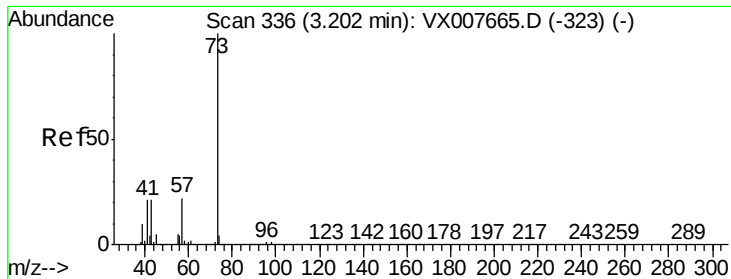
Tgt Ion: 43 Resp: 85386

Ion Ratio Lower Upper

43 100

74 22.8 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 19.914 ug/l

RT: 3.21 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

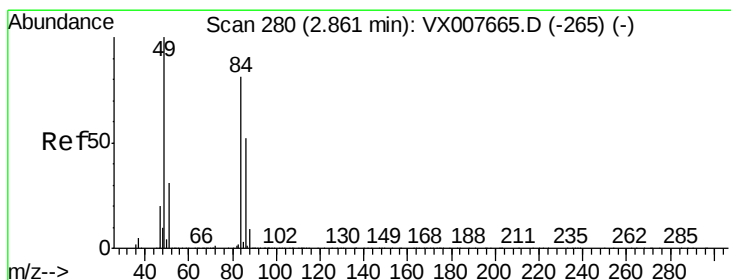
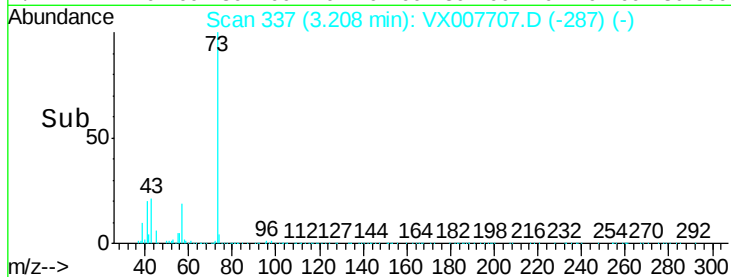
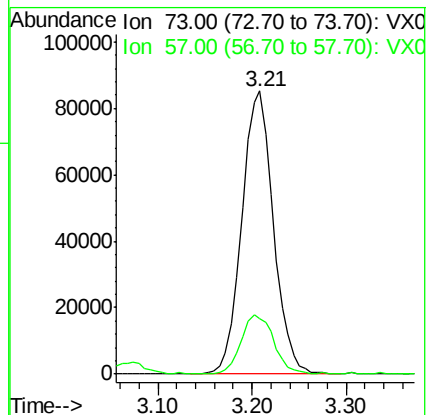
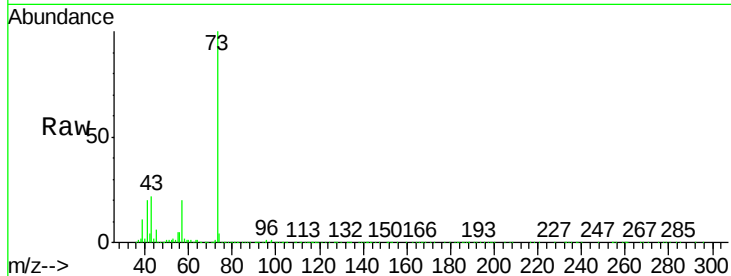
VX0225WBSD02

Tgt Ion: 73 Resp: 199191

Ion Ratio Lower Upper

73 100

57 19.6 17.8 26.8



#20

Methylene Chloride

Concen: 19.161 ug/l

RT: 2.86 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Tgt Ion: 84 Resp: 63998

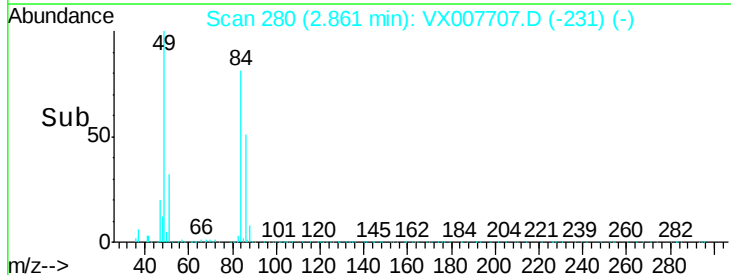
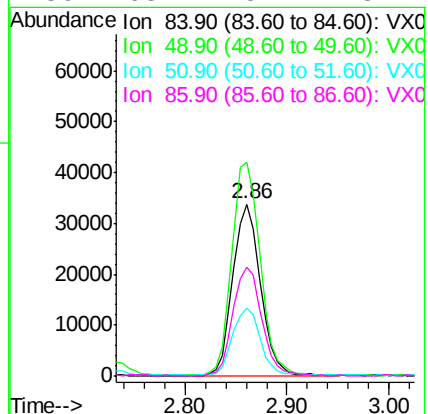
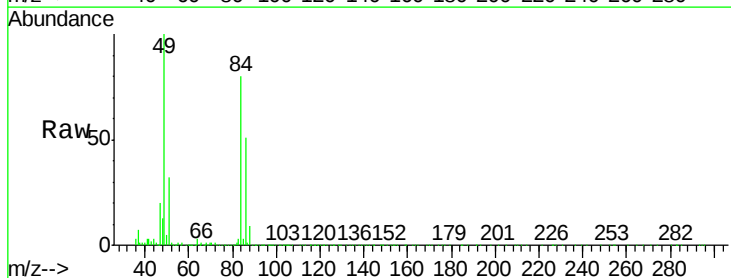
Ion Ratio Lower Upper

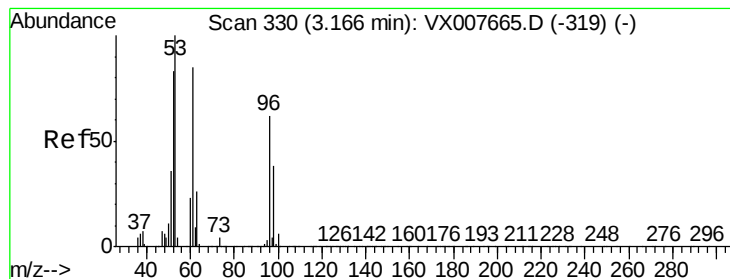
84 100

49 123.8 94.8 142.2

51 39.5 29.8 44.8

86 63.2 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 19.446 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD02

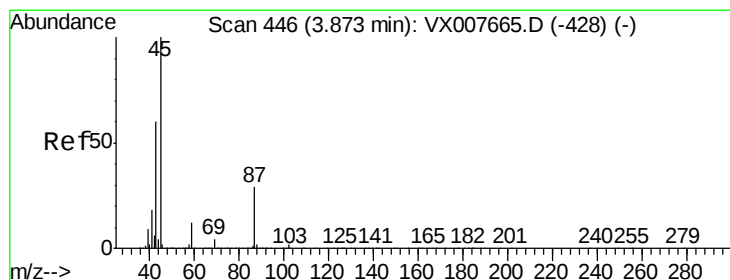
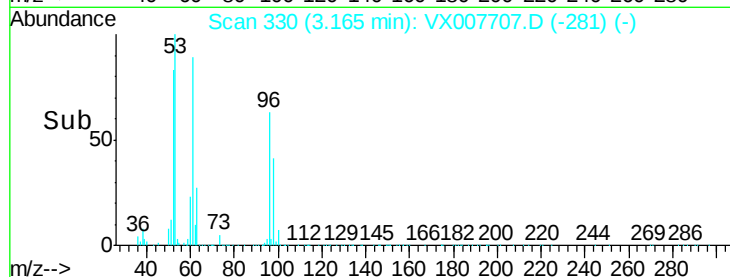
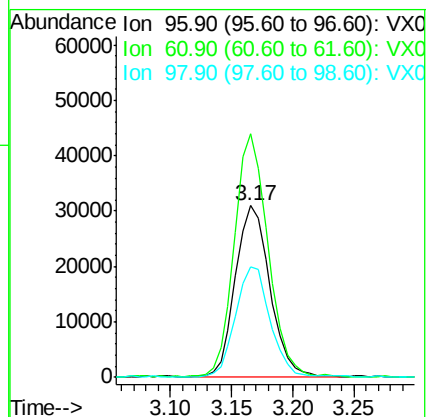
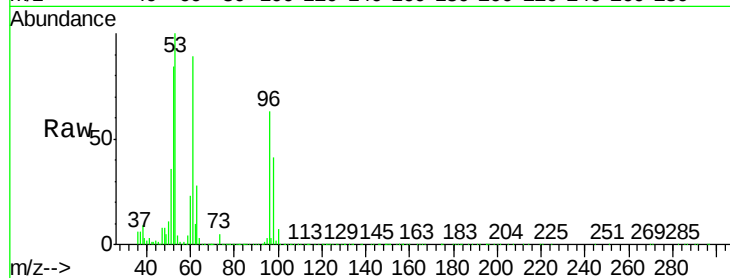
Tgt Ion: 96 Resp: 60721

Ion Ratio Lower Upper

96 100

61 141.2 104.6 156.8

98 64.5 51.0 76.4



#22

Diisopropyl ether

Concen: 18.959 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Tgt Ion: 45 Resp: 209608

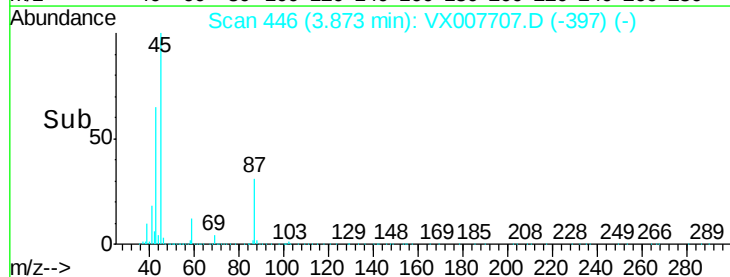
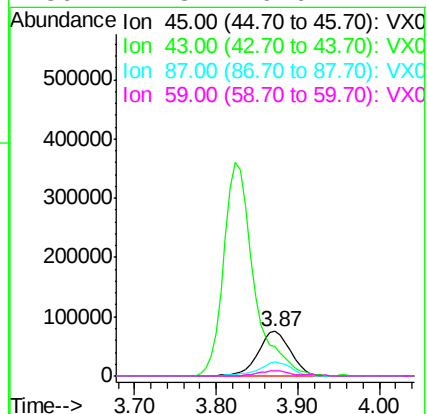
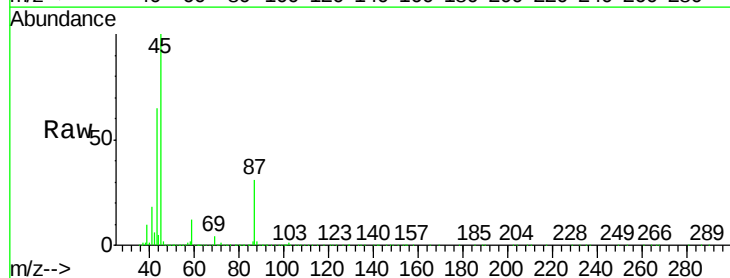
Ion Ratio Lower Upper

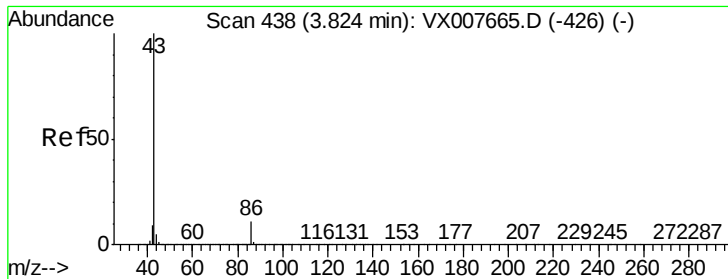
45 100

43 64.5 48.9 73.3

87 30.6 23.9 35.9

59 11.8 9.6 14.4





#23

Vinyl Acetate

Concen: 95.232 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

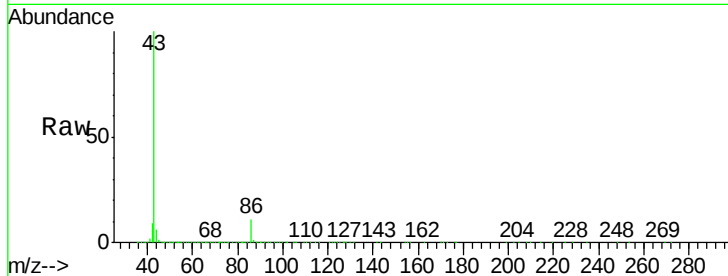
VX0225WBSD02

Tgt Ion: 43 Resp: 923746

Ion Ratio Lower Upper

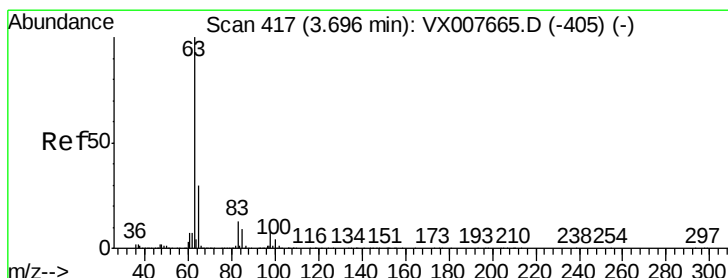
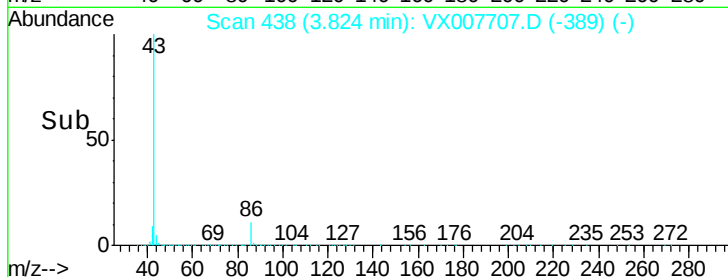
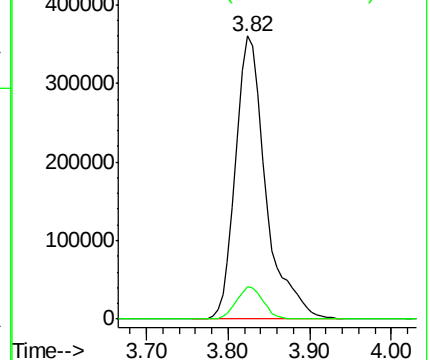
43 100

86 11.3 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.742 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

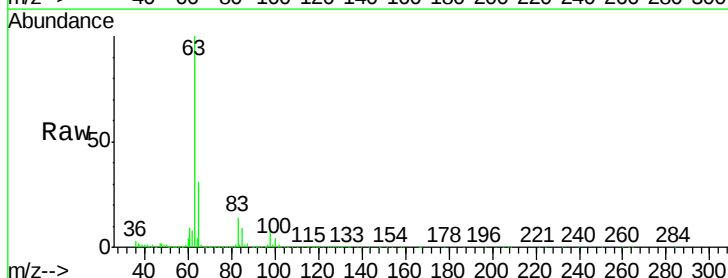
Tgt Ion: 63 Resp: 118624

Ion Ratio Lower Upper

63 100

98 7.7 3.6 10.8

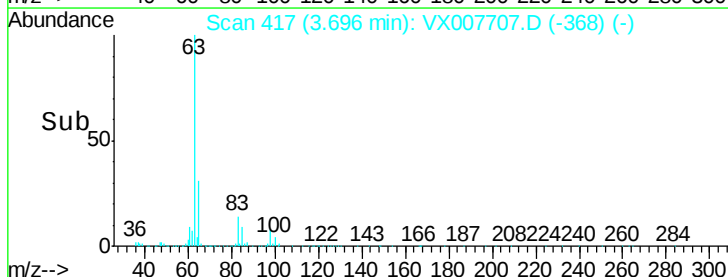
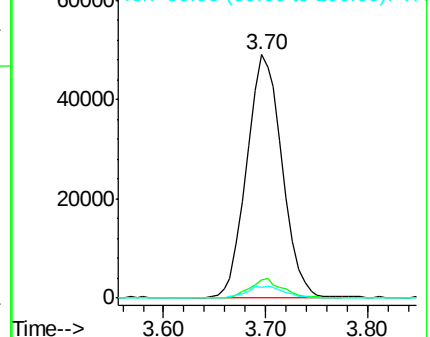
100 4.0 2.5 7.4

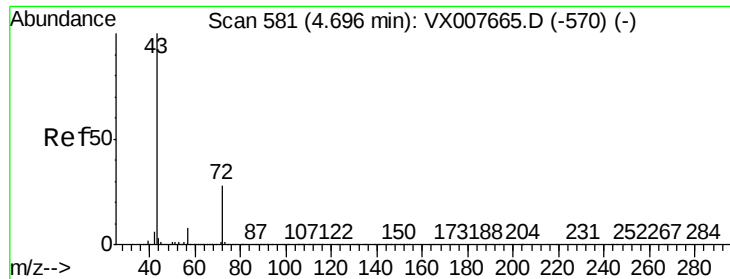


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 104.438 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

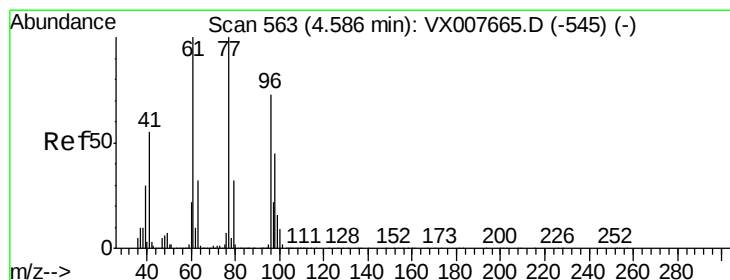
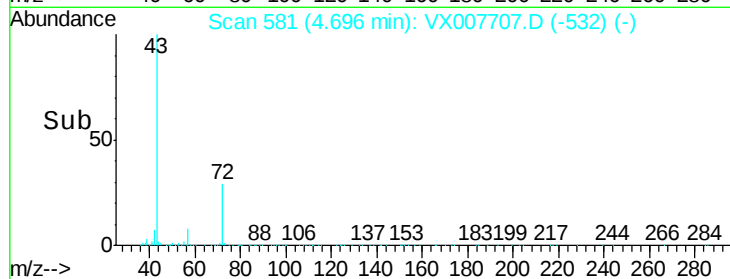
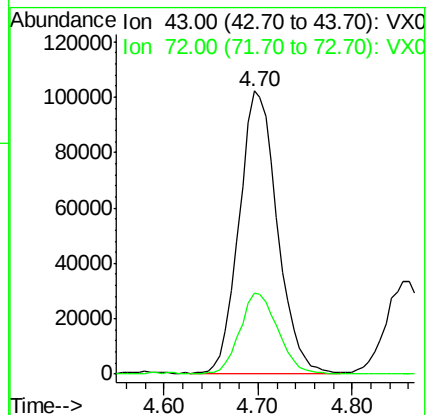
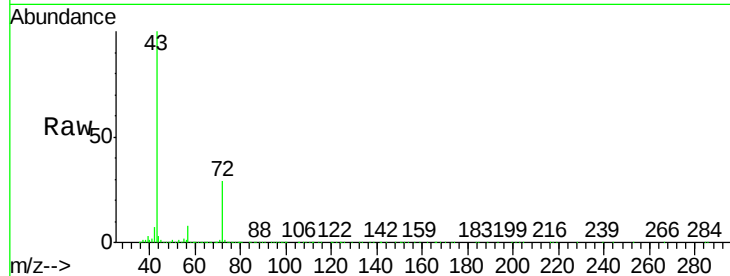
VX0225WBSD02

Tgt Ion: 43 Resp: 287756

Ion Ratio Lower Upper

43 100

72 28.5 22.2 33.2



#26

2,2-Dichloropropane

Concen: 18.358 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007707.D

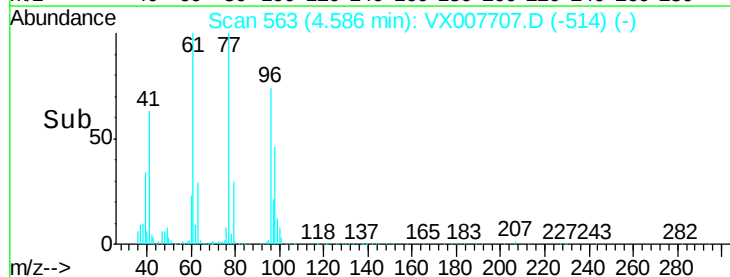
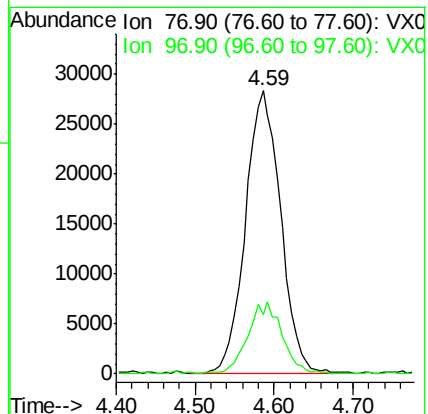
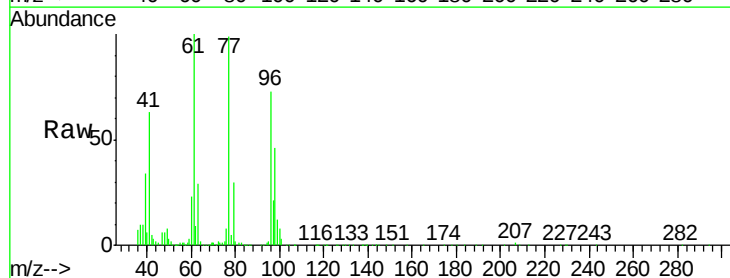
Acq: 26 Feb 2019 10:27

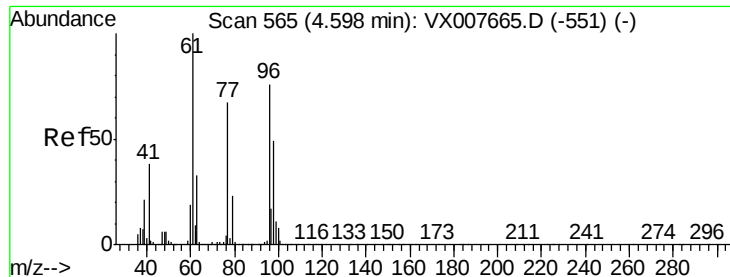
Tgt Ion: 77 Resp: 88049

Ion Ratio Lower Upper

77 100

97 24.8 12.1 36.3



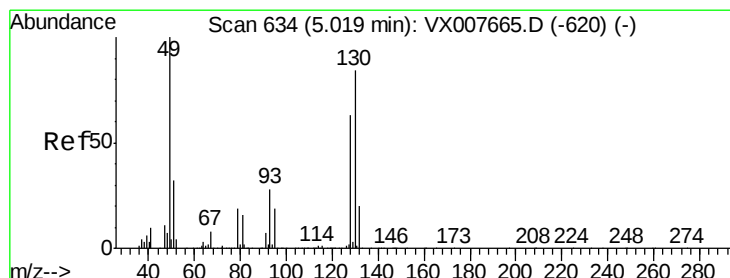
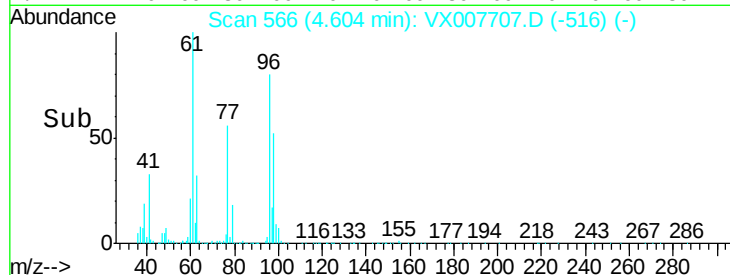
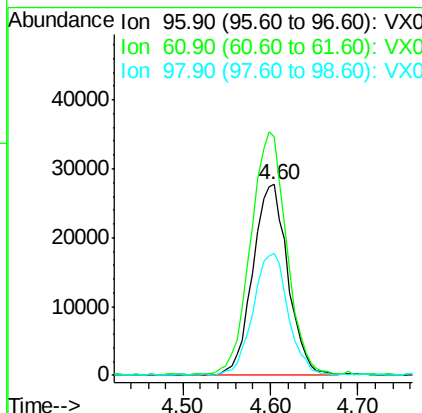
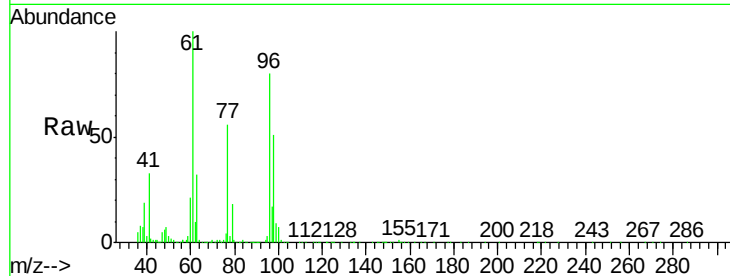


#27

cis-1,2-Dichloroethene
 Concen: 19.566 ug/l
 RT: 4.60 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: VX007707.D
 Acq: 26 Feb 2019 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBSD02

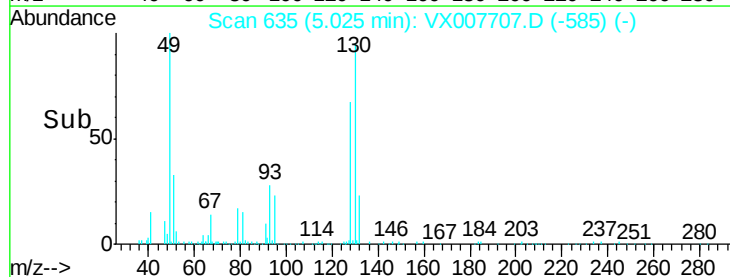
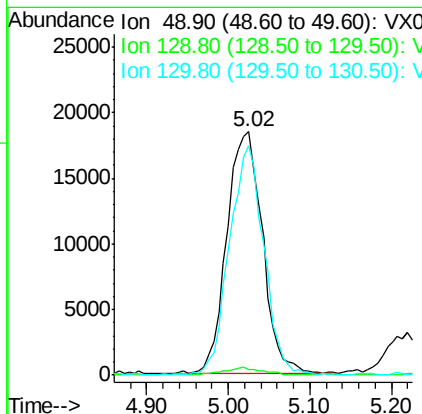
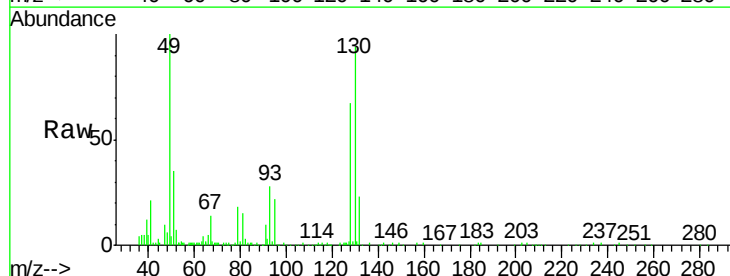
Tgt Ion: 96 Resp: 77739
 Ion Ratio Lower Upper
 96 100
 61 129.6 0.0 265.6
 98 64.2 0.0 131.6

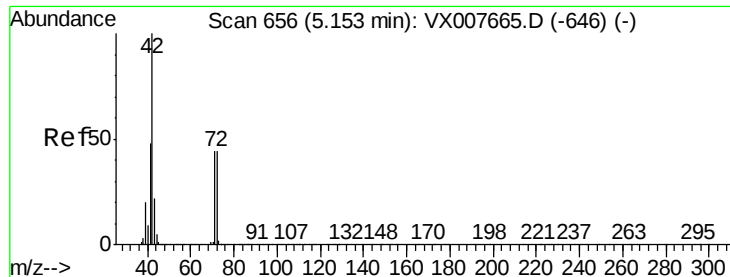


#28

Bromochloromethane
 Concen: 19.108 ug/l
 RT: 5.02 min Scan# 635
 Delta R.T. 0.01 min
 Lab File: VX007707.D
 Acq: 26 Feb 2019 10:27

Tgt Ion: 49 Resp: 55894
 Ion Ratio Lower Upper
 49 100
 129 3.4 0.0 5.6
 130 91.6 75.6 113.4





#29

Tetrahydrofuran

Concen: 94.476 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD02

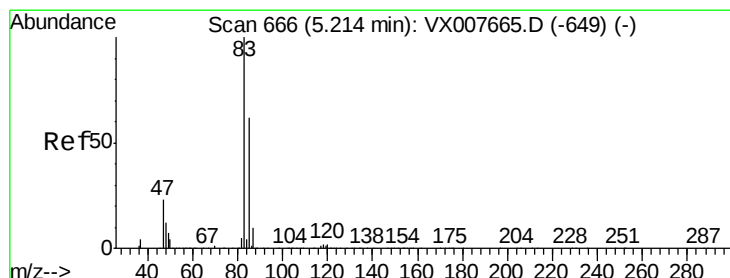
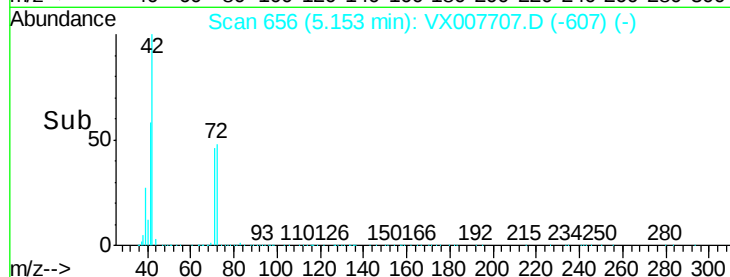
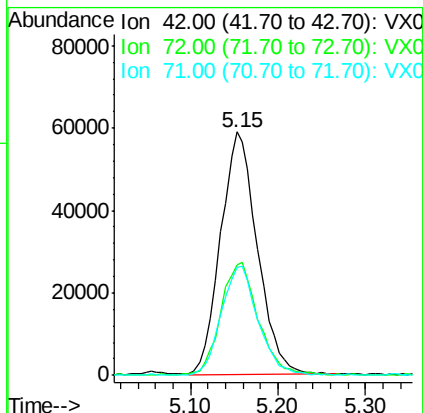
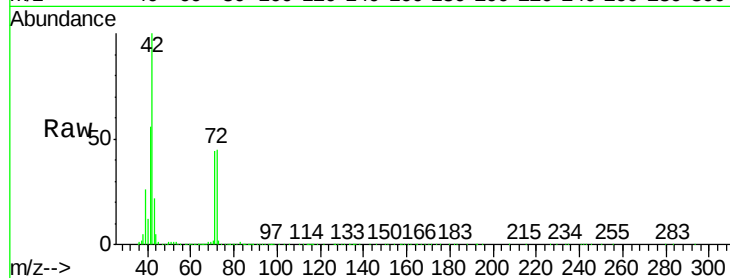
Tgt Ion: 42 Resp: 171587

Ion Ratio Lower Upper

42 100

72 47.0 37.6 56.4

71 45.1 34.6 51.8



#30

Chloroform

Concen: 19.377 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX007707.D

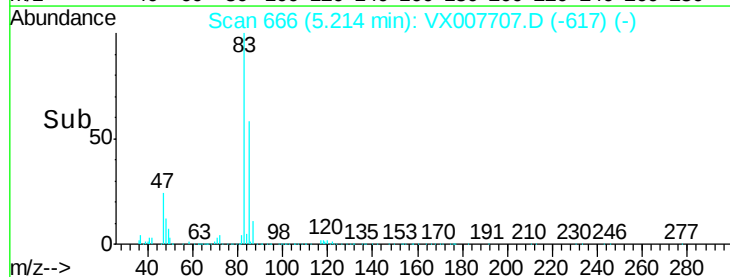
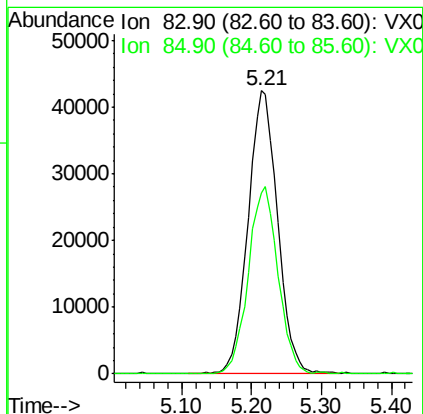
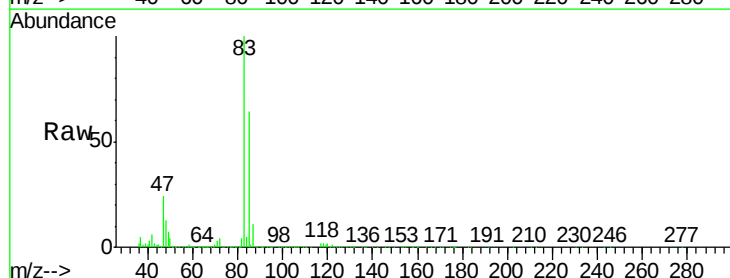
Acq: 26 Feb 2019 10:27

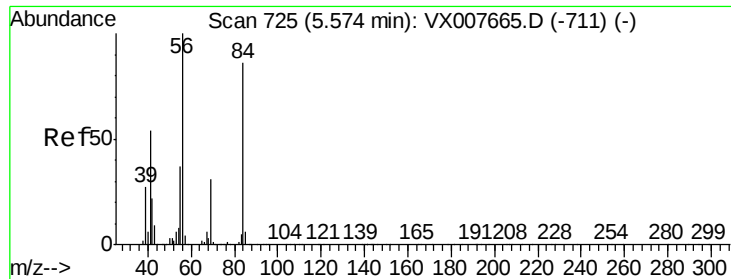
Tgt Ion: 83 Resp: 124719

Ion Ratio Lower Upper

83 100

85 63.8 51.6 77.4

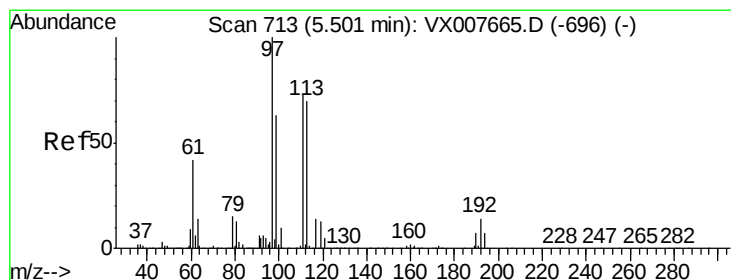
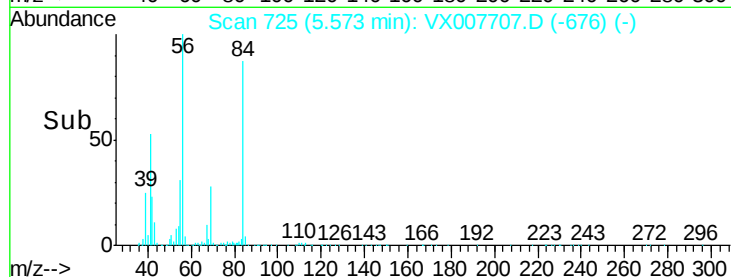
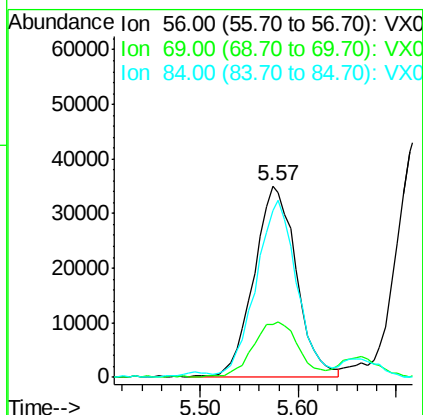
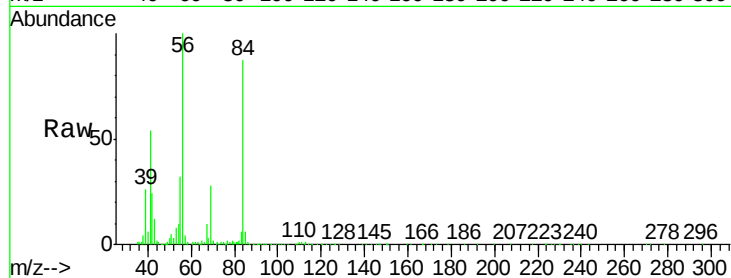




#31
Cyclohexane
Concen: 18.469 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007707.D
Acq: 26 Feb 2019 10:27

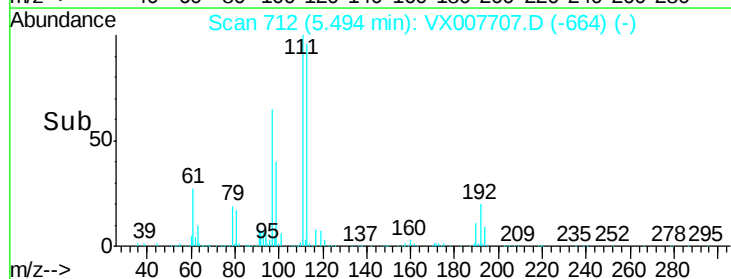
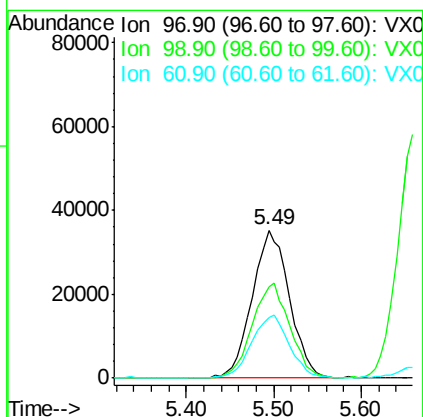
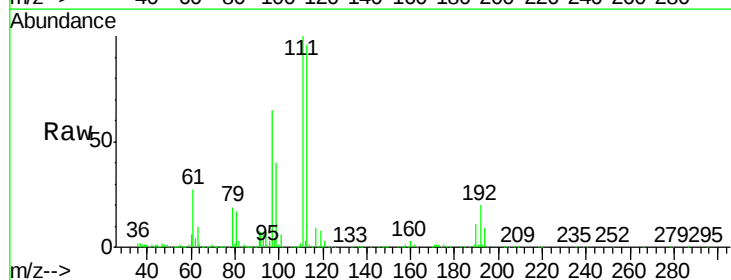
Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD02

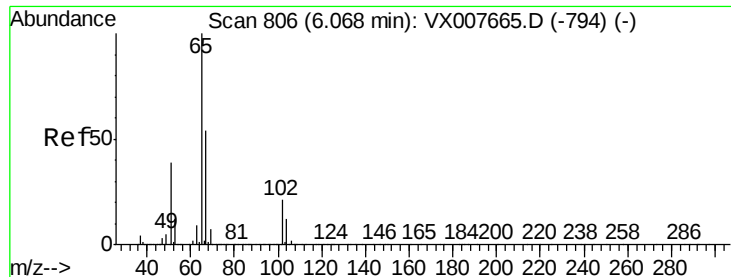
Tgt Ion: 56 Resp: 104388
Ion Ratio Lower Upper
56 100
69 28.0 23.0 34.6
84 85.7 69.8 104.6



#32
1,1,1-Trichloroethane
Concen: 19.638 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007707.D
Acq: 26 Feb 2019 10:27

Tgt Ion: 97 Resp: 104531
Ion Ratio Lower Upper
97 100
99 65.0 52.2 78.2
61 43.0 32.7 49.1





#33

1,2-Dichloroethane-d4

Concen: 47.521 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

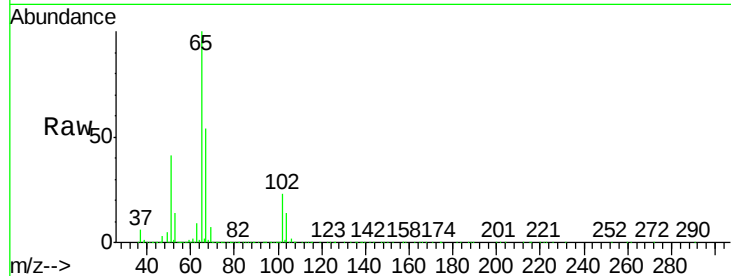
VX0225WBSD02

Tgt Ion: 65 Resp: 193291

Ion Ratio Lower Upper

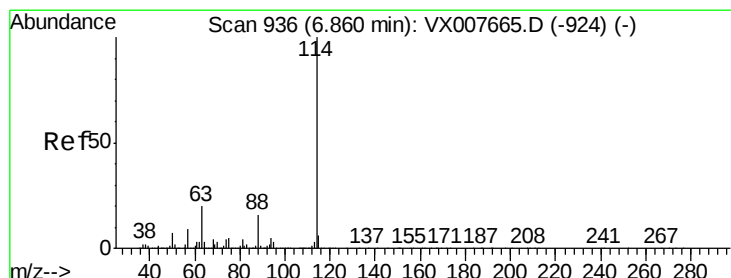
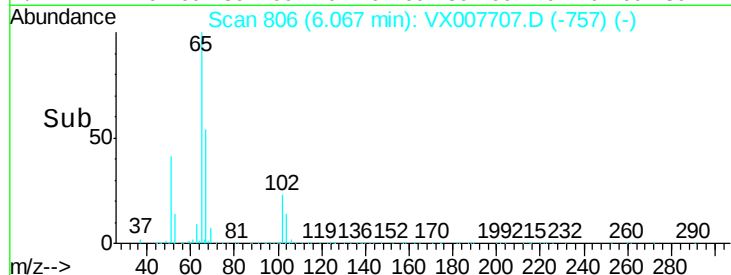
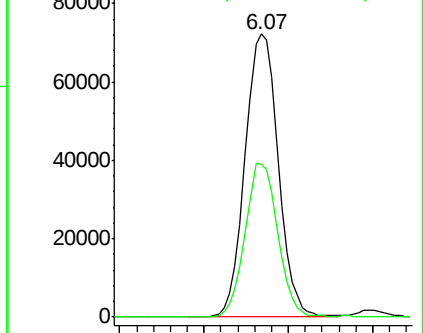
65 100

67 53.0 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: VX007707.D

Acq: 26 Feb 2019 10:27

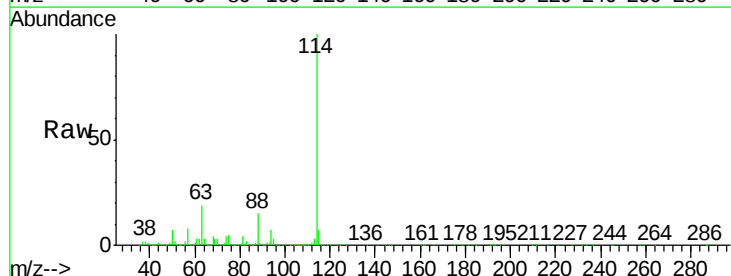
Tgt Ion: 114 Resp: 509676

Ion Ratio Lower Upper

114 100

63 18.8 0.0 35.6

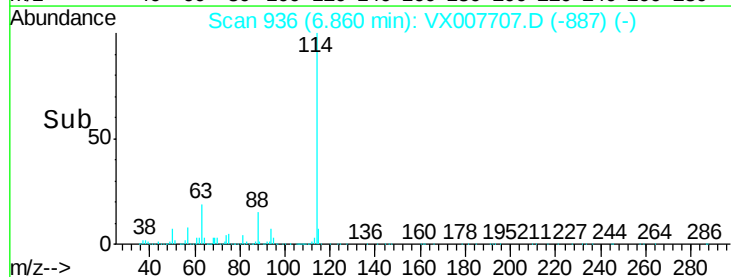
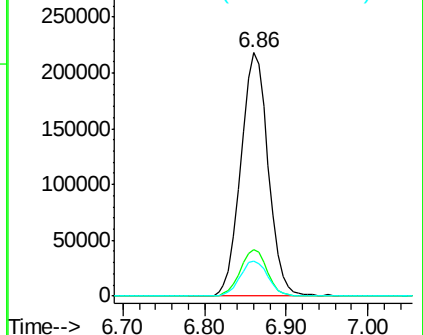
88 14.5 0.0 29.6

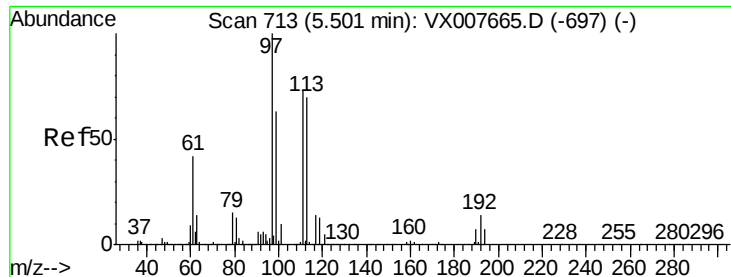


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.675 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD02

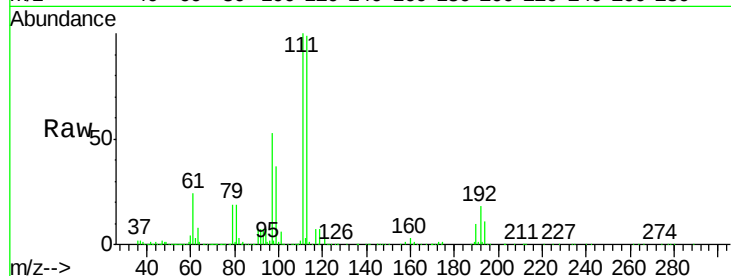
Tgt Ion:113 Resp: 172650

Ion Ratio Lower Upper

113 100

111 102.1 81.8 122.8

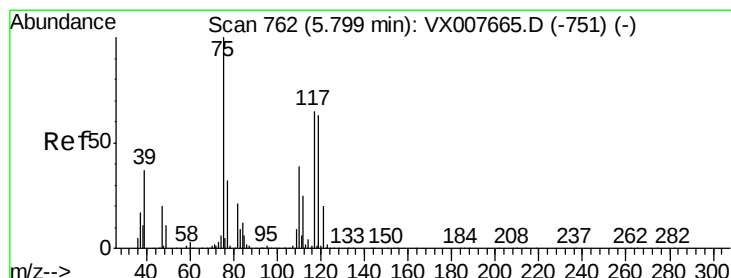
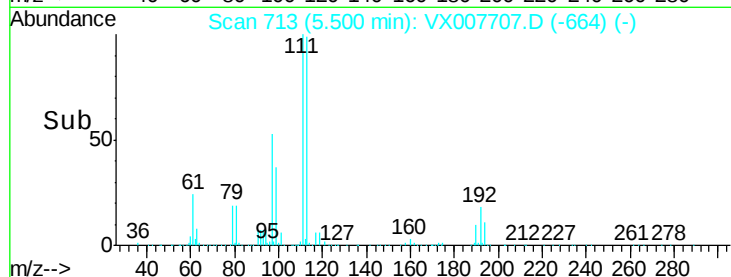
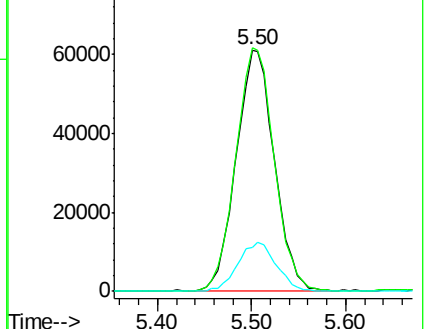
192 20.7 18.5 27.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.334 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

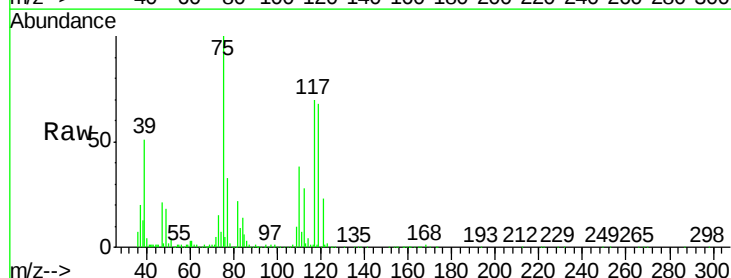
Tgt Ion: 75 Resp: 88591

Ion Ratio Lower Upper

75 100

110 39.9 20.0 59.9

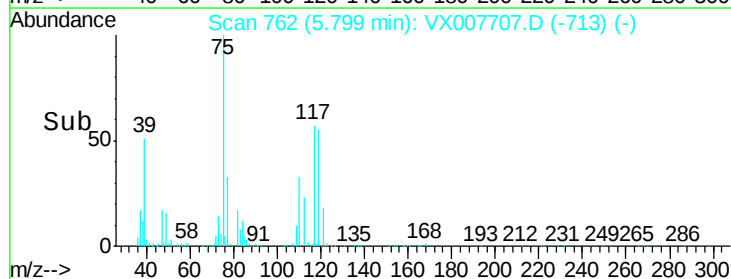
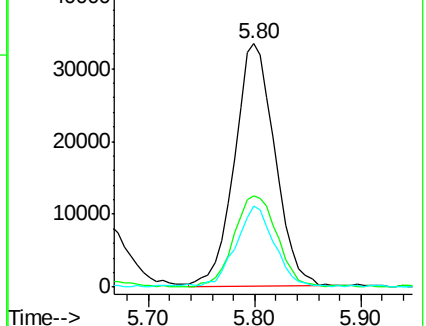
77 31.9 24.7 37.1

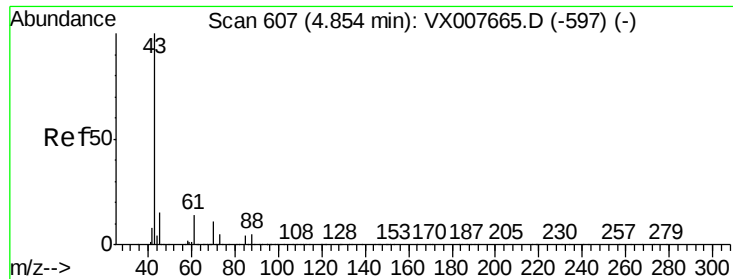


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

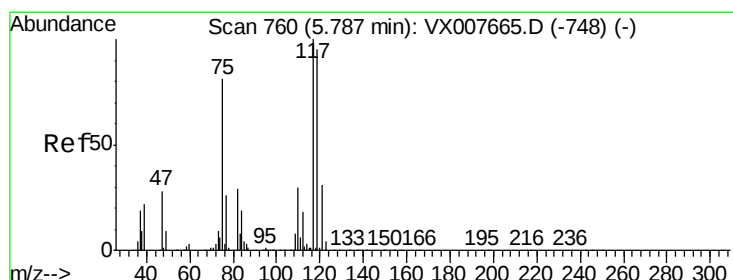
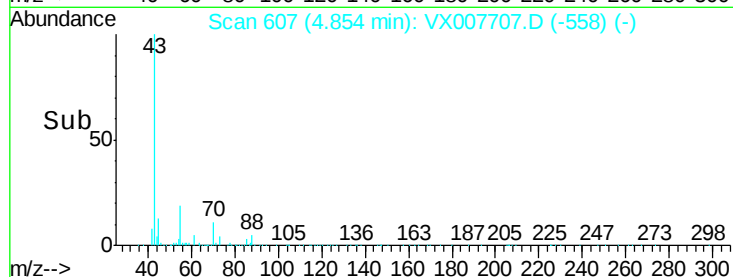
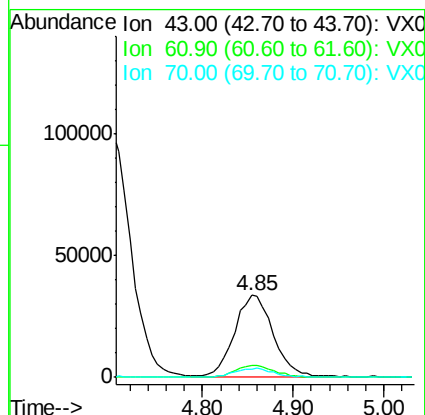
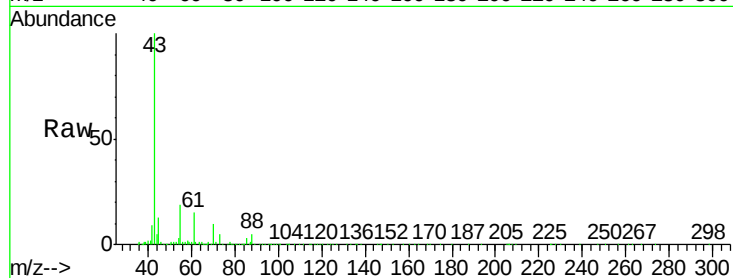




#37
Ethyl Acetate
Concen: 19.206 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007707.D
Acq: 26 Feb 2019 10:27

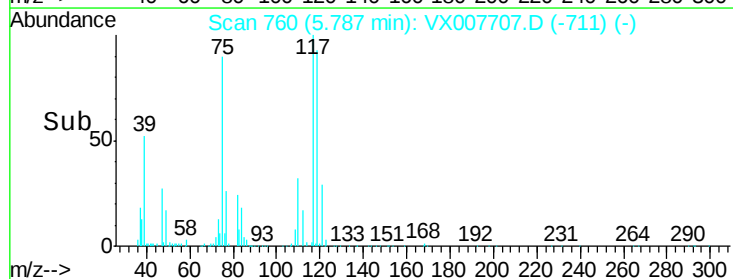
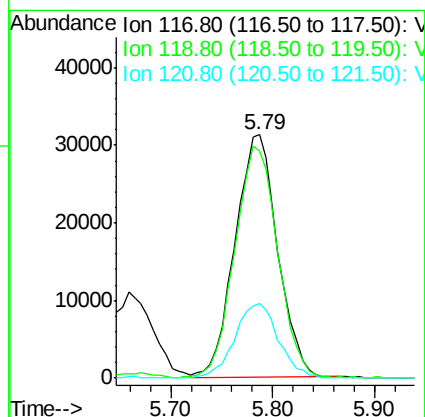
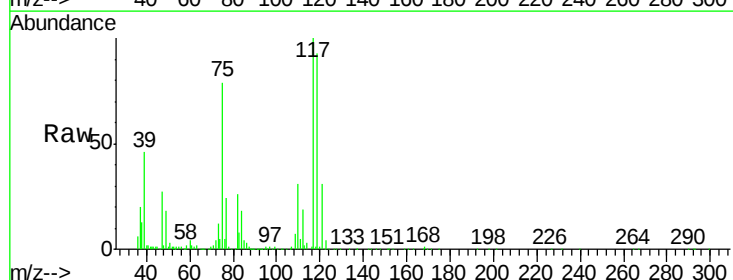
Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD02

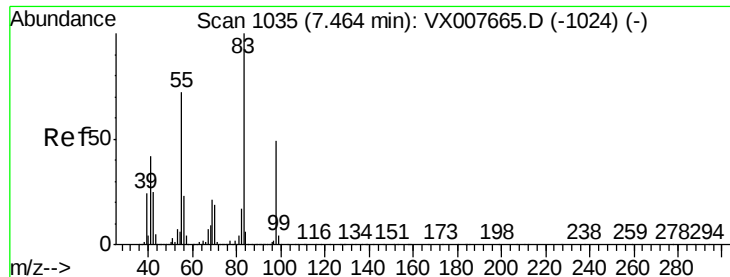
Tgt Ion: 43 Resp: 97760
Ion Ratio Lower Upper
43 100
61 14.4 11.3 16.9
70 11.3 8.6 13.0



#38
Carbon Tetrachloride
Concen: 19.642 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX007707.D
Acq: 26 Feb 2019 10:27

Tgt Ion: 117 Resp: 90409
Ion Ratio Lower Upper
117 100
119 93.3 75.3 112.9
121 30.9 25.0 37.4

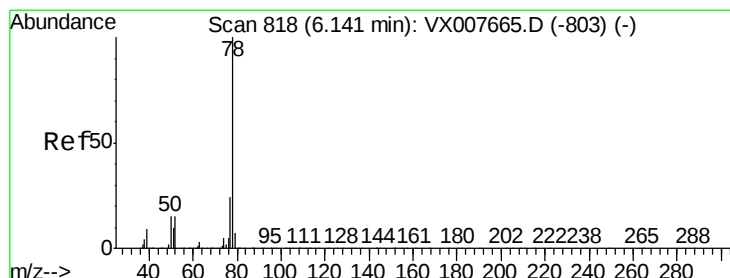
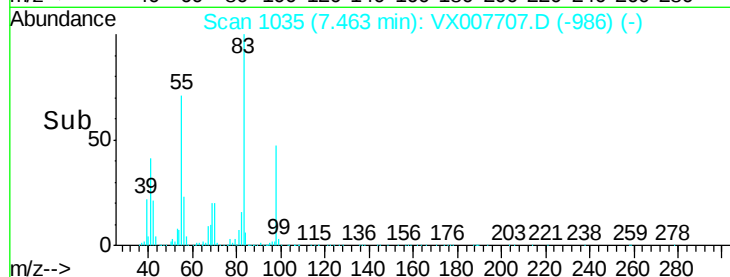
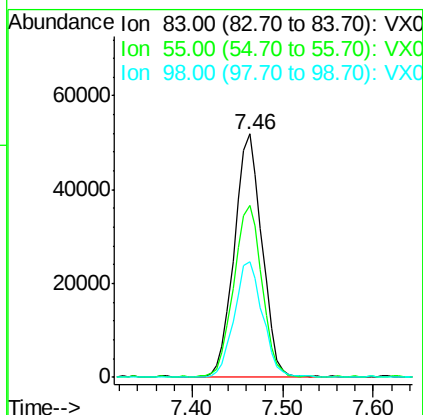
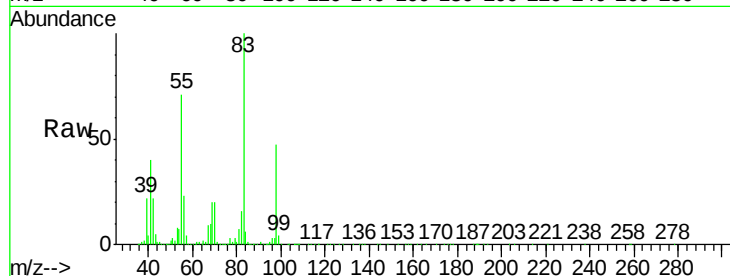




#39
Methylcyclohexane
Concen: 19.021 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007707.D
Acq: 26 Feb 2019 10:27

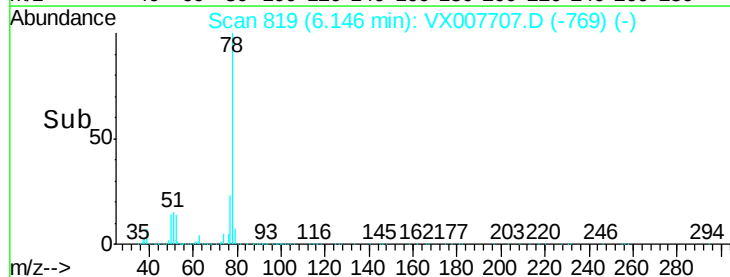
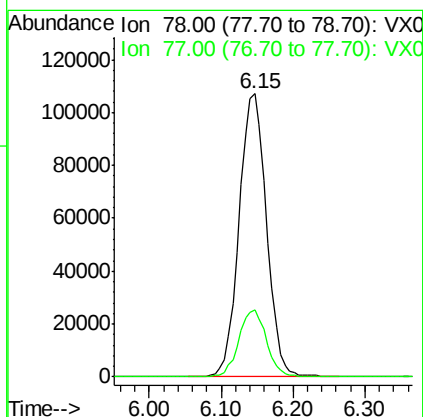
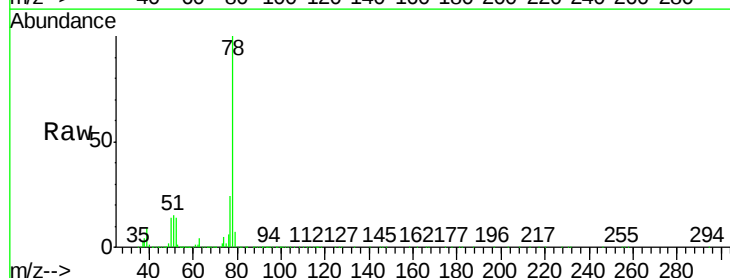
Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD02

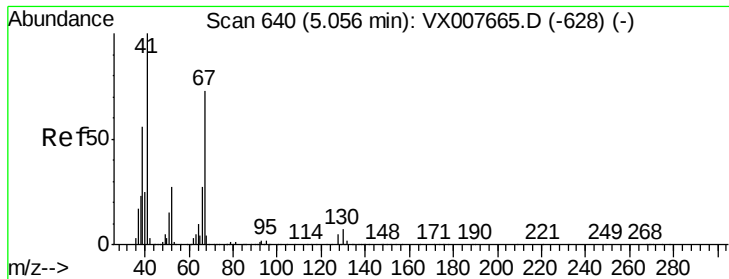
Tgt Ion	Ratio	Lower	Upper
83	100		
55	70.6	56.2	84.2
98	47.4	36.8	55.2



#40
Benzene
Concen: 19.997 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007707.D
Acq: 26 Feb 2019 10:27

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.3	28.9

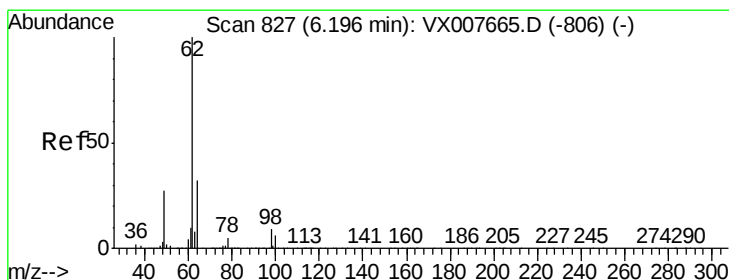
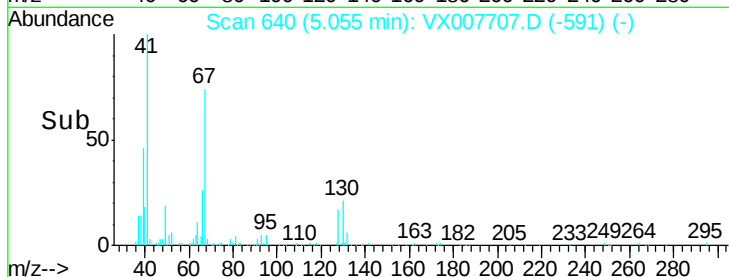
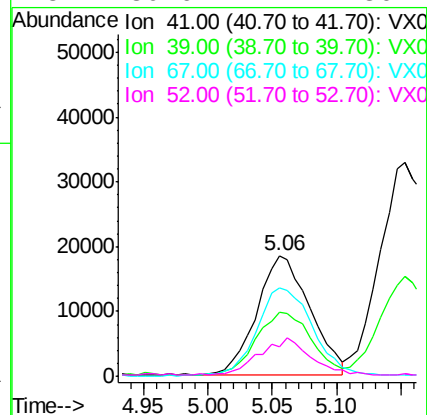
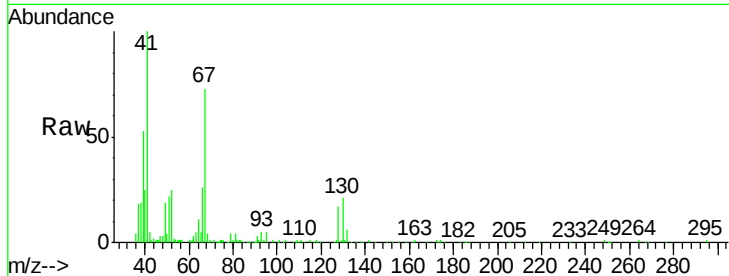




#41
Methacrylonitrile
Concen: 19.476 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.00 min
Lab File: VX007707.D
Acq: 26 Feb 2019 10:27

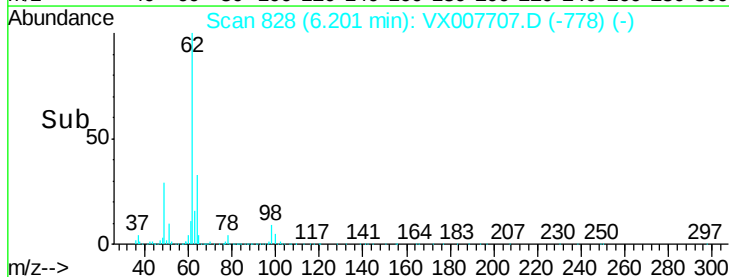
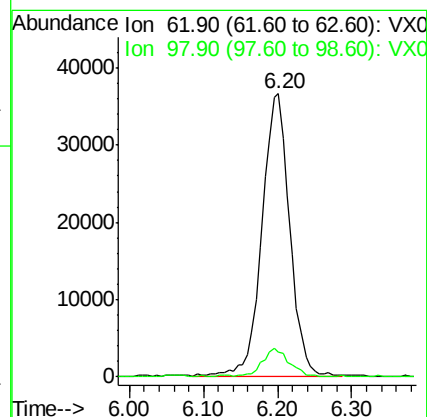
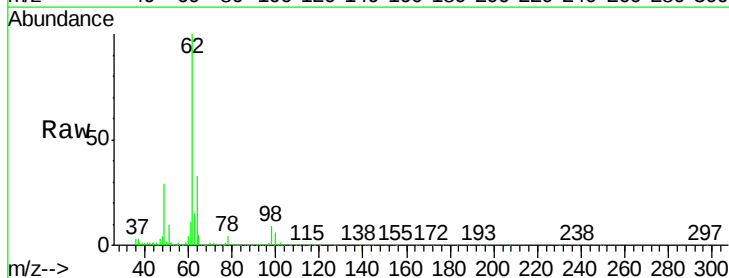
Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD02

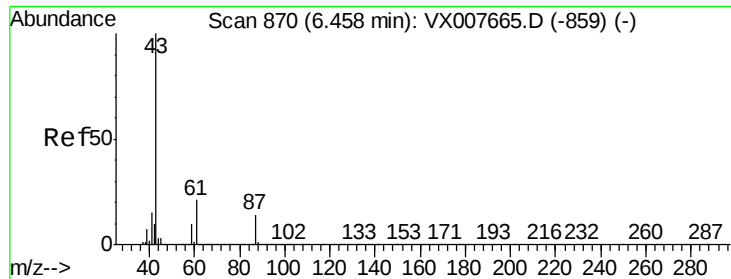
Tgt Ion:	41	Resp:	52937
Ion	Ratio	Lower	Upper
41	100		
39	55.7	44.5	66.7
67	78.8	60.4	90.6
52	30.6	24.1	36.1



#42
1,2-Dichloroethane
Concen: 20.270 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX007707.D
Acq: 26 Feb 2019 10:27

Tgt Ion:	62	Resp:	96367
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.0





#43

Isopropyl Acetate

Concen: 19.228 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD02

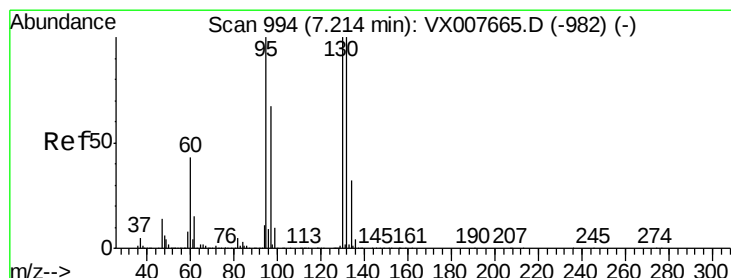
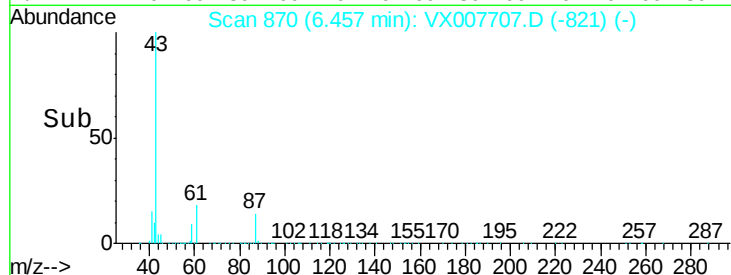
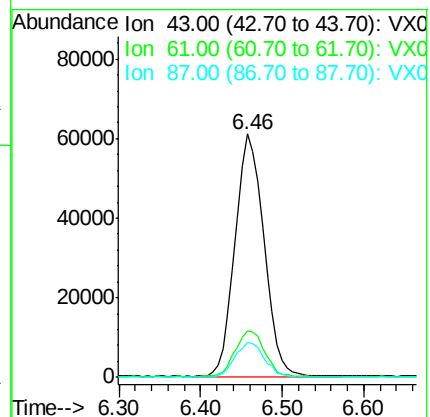
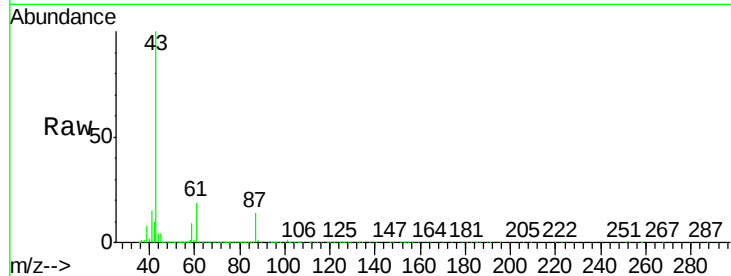
Tgt Ion: 43 Resp: 150626

Ion Ratio Lower Upper

43 100

61 19.0 16.1 24.1

87 14.4 11.5 17.3



#44

Trichloroethene

Concen: 19.857 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX007707.D

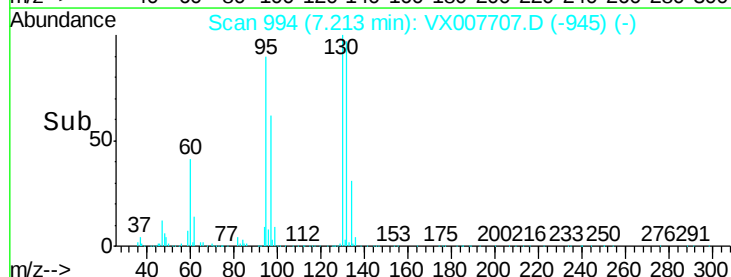
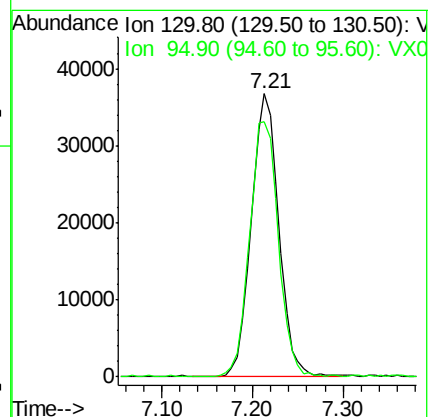
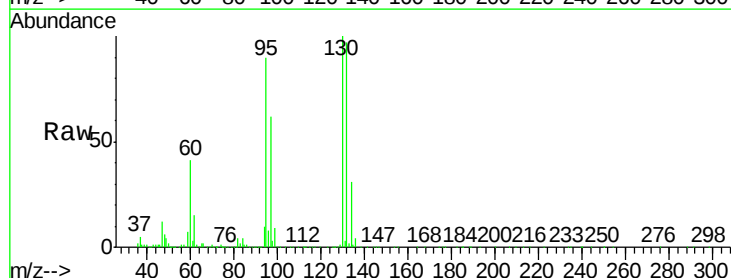
Acq: 26 Feb 2019 10:27

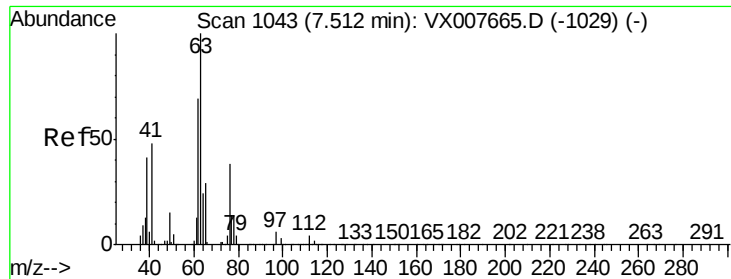
Tgt Ion: 130 Resp: 77264

Ion Ratio Lower Upper

130 100

95 90.4 0.0 180.0





#45

1,2-Dichloropropane

Concen: 19.929 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

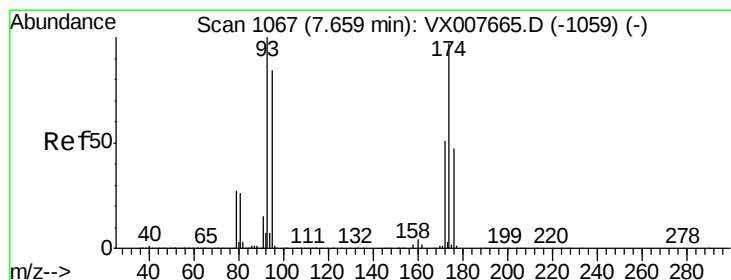
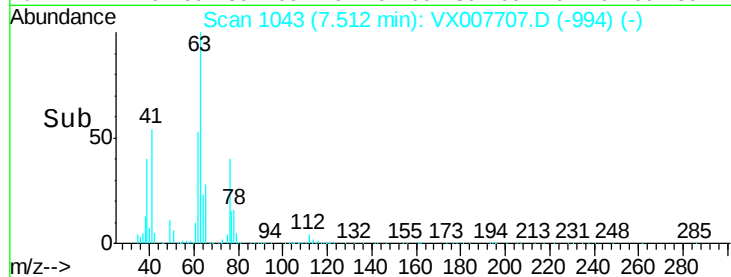
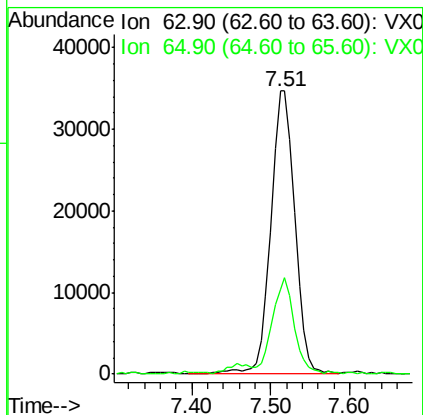
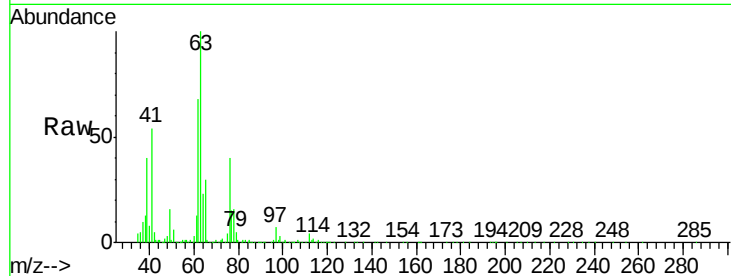
VX0225WBSD02

Tgt Ion: 63 Resp: 73022

Ion Ratio Lower Upper

63 100

65 29.6 24.2 36.2



#46

Dibromomethane

Concen: 19.681 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

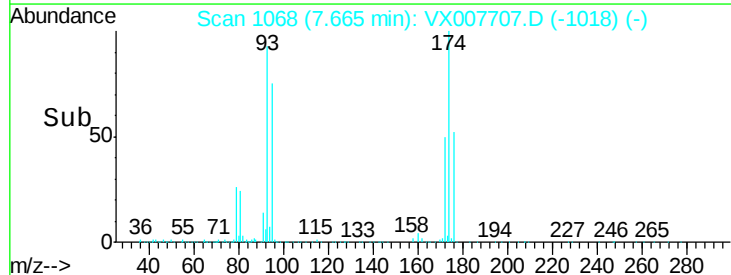
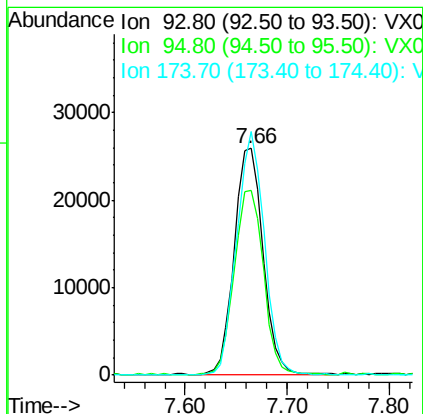
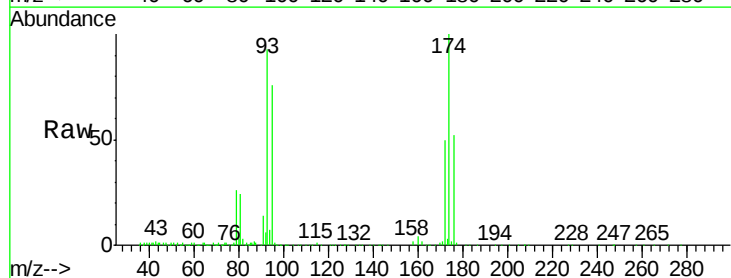
Tgt Ion: 93 Resp: 50309

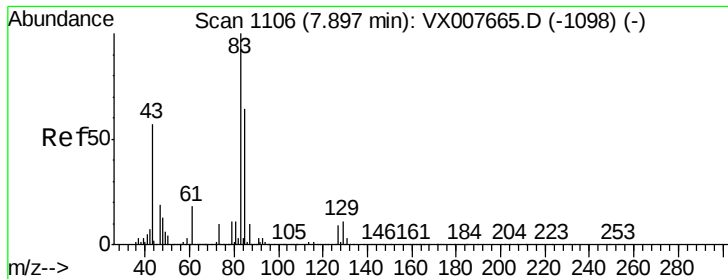
Ion Ratio Lower Upper

93 100

95 83.8 67.6 101.4

174 104.3 94.2 141.4





#47

Bromodichloromethane

Concen: 20.234 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD02

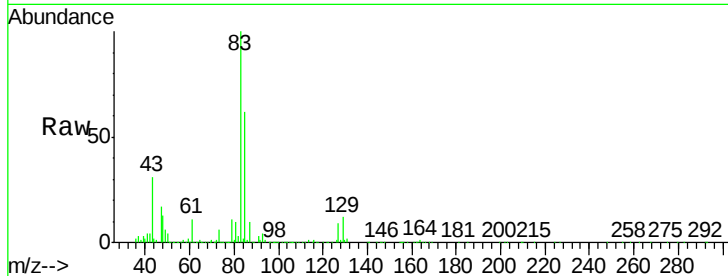
Tgt Ion: 83 Resp: 89631

Ion Ratio Lower Upper

83 100

85 62.3 51.4 77.0

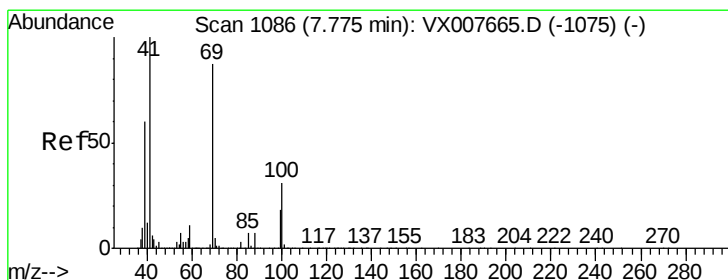
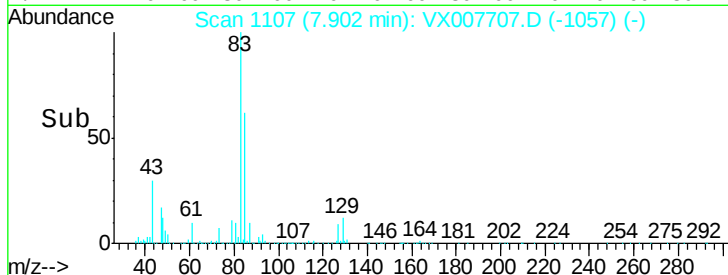
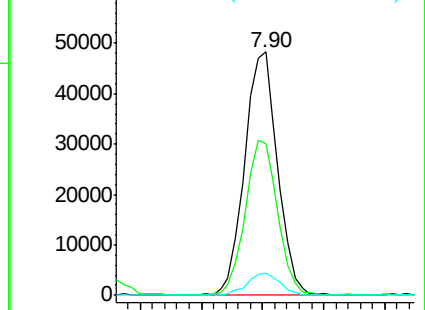
127 9.1 8.1 12.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.652 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

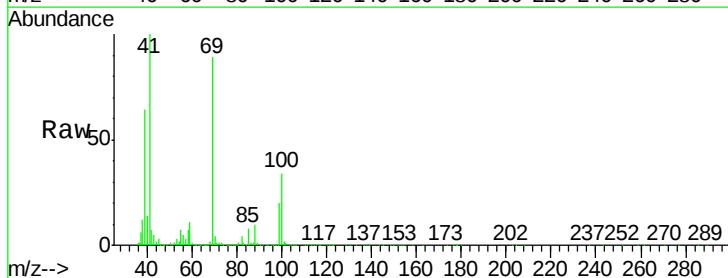
Tgt Ion: 41 Resp: 76592

Ion Ratio Lower Upper

41 100

69 87.4 70.2 105.4

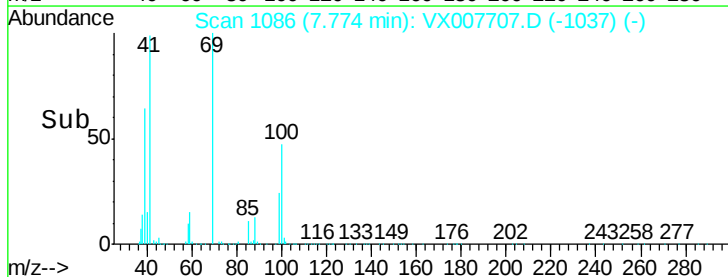
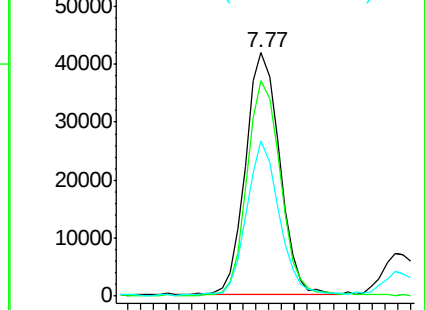
39 61.0 47.4 71.0

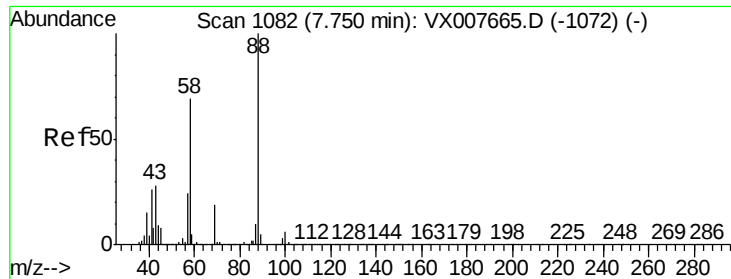


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 402.691 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD02

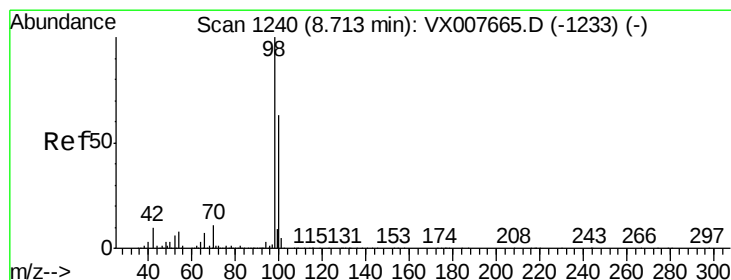
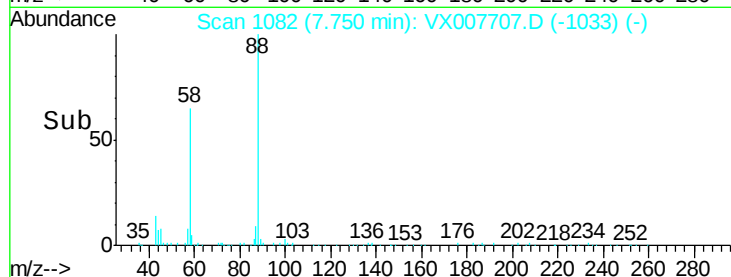
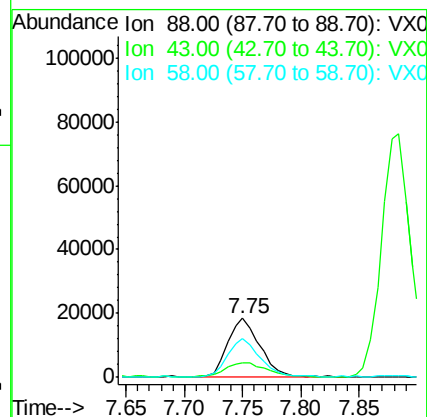
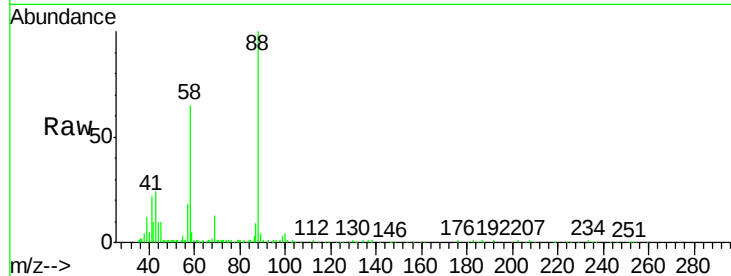
Tgt Ion: 88 Resp: 35715

Ion Ratio Lower Upper

88 100

43 31.5 24.2 36.4

58 65.5 53.0 79.4



#50

Toluene-d8

Concen: 48.645 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007707.D

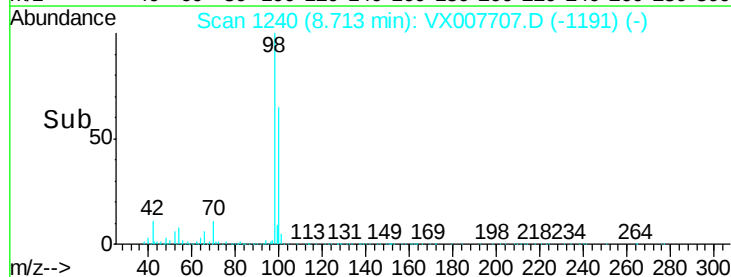
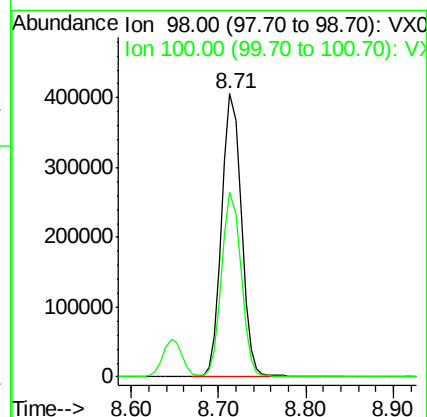
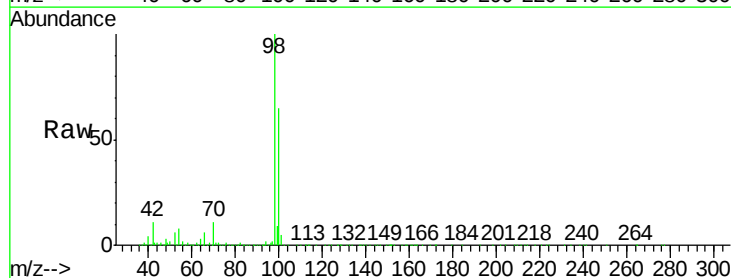
Acq: 26 Feb 2019 10:27

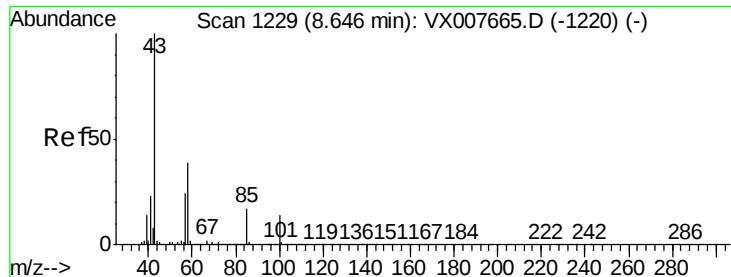
Tgt Ion: 98 Resp: 634491

Ion Ratio Lower Upper

98 100

100 64.9 51.6 77.4

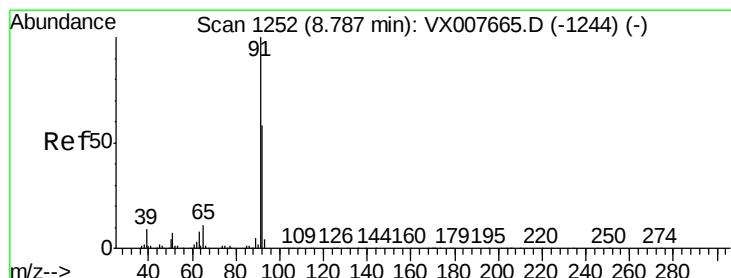
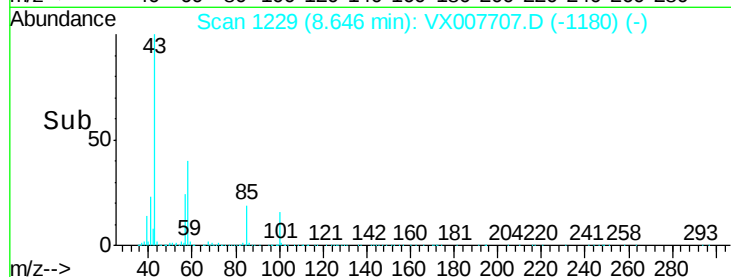
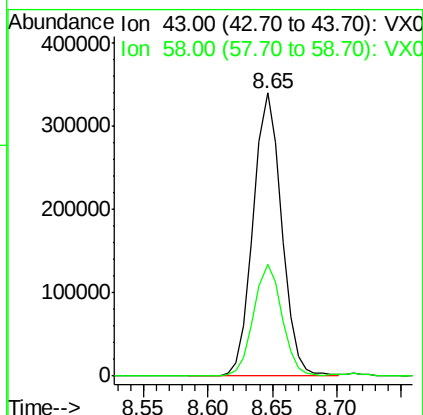
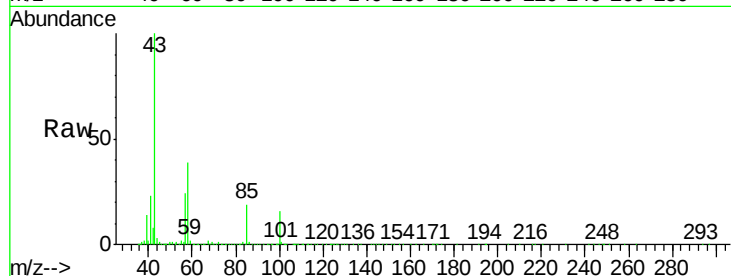




#51
 4-Methyl-2-Pentanone
 Concen: 98.743 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VX007707.D
 Acq: 26 Feb 2019 10:27

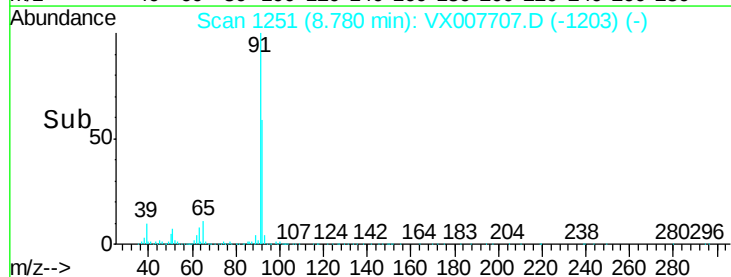
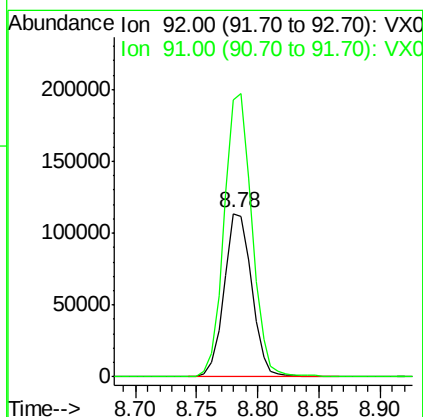
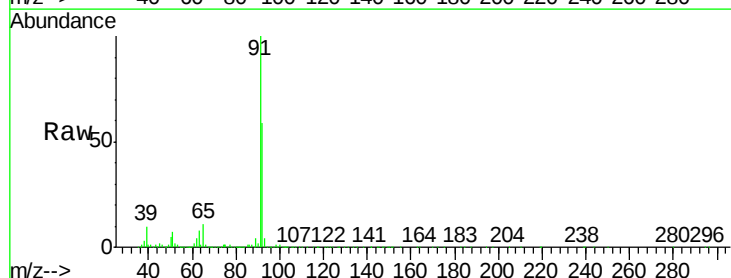
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBSD02

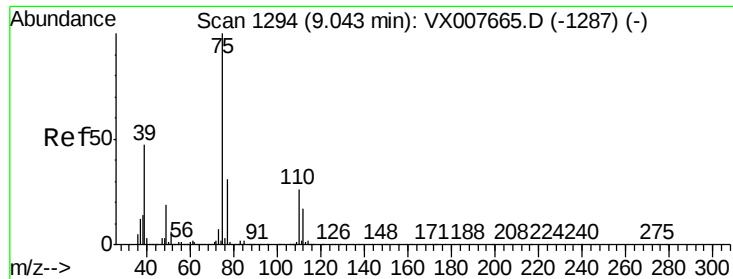
Tgt Ion: 43 Resp: 517787
 Ion Ratio Lower Upper
 43 100
 58 39.2 31.2 46.8



#52
 Toluene
 Concen: 19.820 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX007707.D
 Acq: 26 Feb 2019 10:27

Tgt Ion: 92 Resp: 176786
 Ion Ratio Lower Upper
 92 100
 91 174.7 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 18.870 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

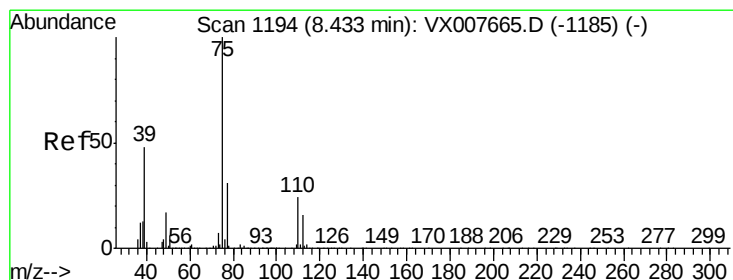
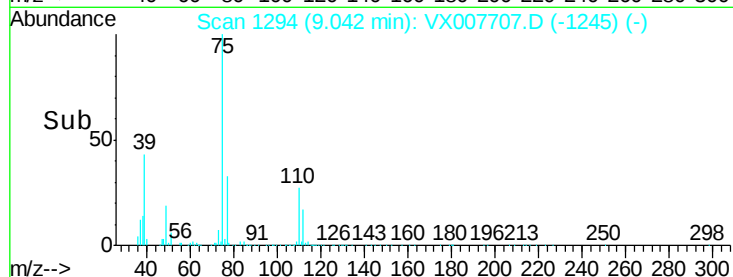
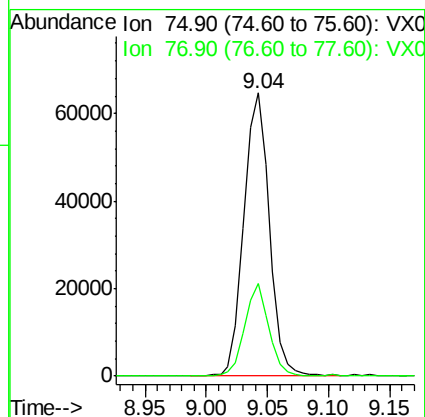
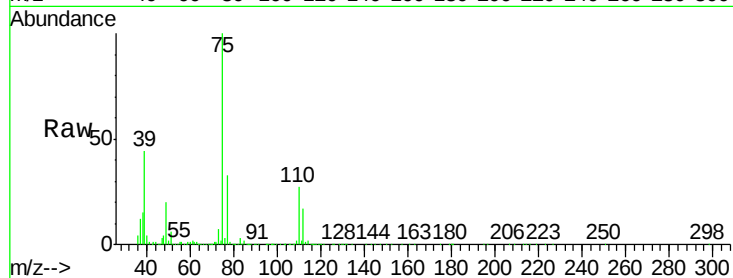
VX0225WBSD02

Tgt Ion: 75 Resp: 93743

Ion Ratio Lower Upper

75 100

77 32.6 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 19.623 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.01 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

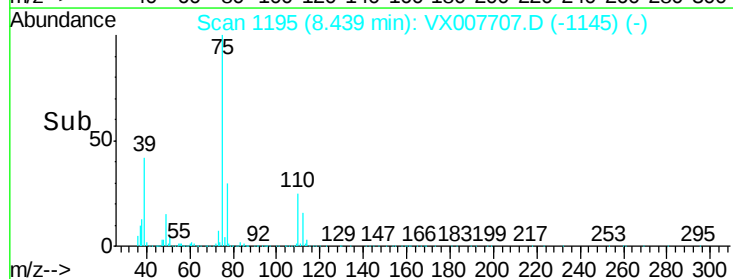
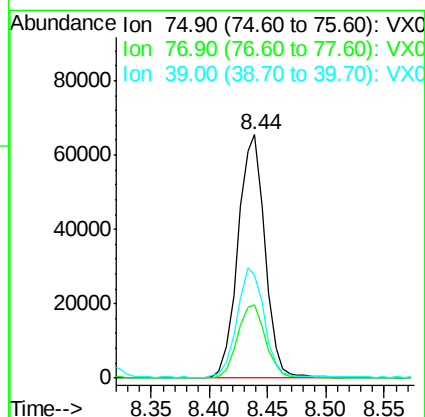
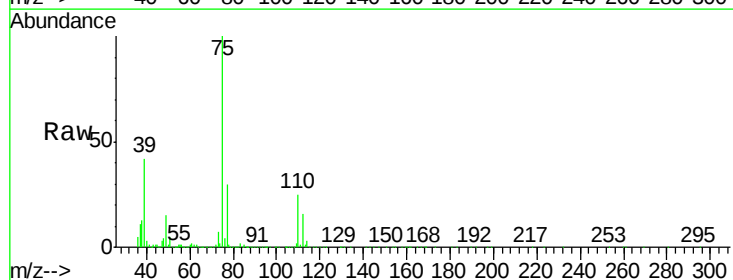
Tgt Ion: 75 Resp: 105490

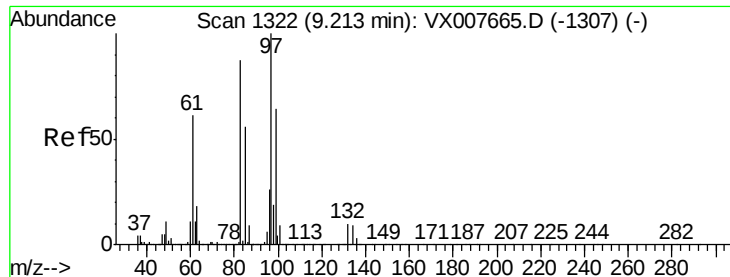
Ion Ratio Lower Upper

75 100

77 29.9 26.2 39.4

39 41.8 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 19.495 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD02

Tgt Ion: 97 Resp: 72513

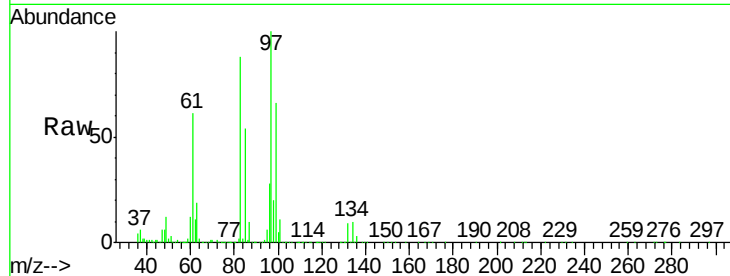
Ion Ratio Lower Upper

97 100

83 87.6 68.6 102.8

85 53.5 44.5 66.7

99 65.6 52.2 78.4

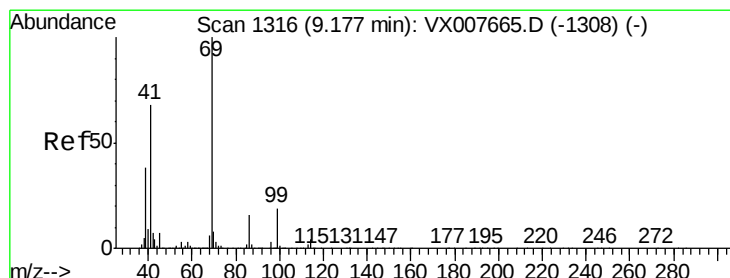
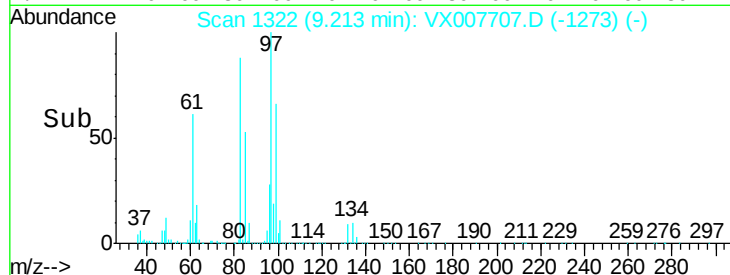
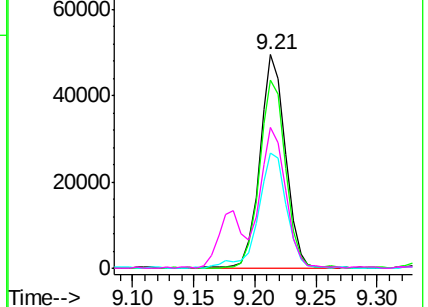


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.127 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

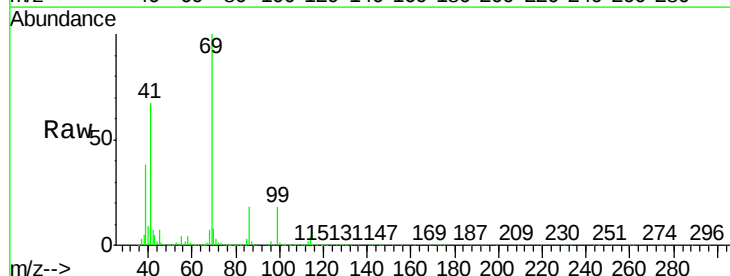
Tgt Ion: 69 Resp: 101171

Ion Ratio Lower Upper

69 100

41 64.4 52.1 78.1

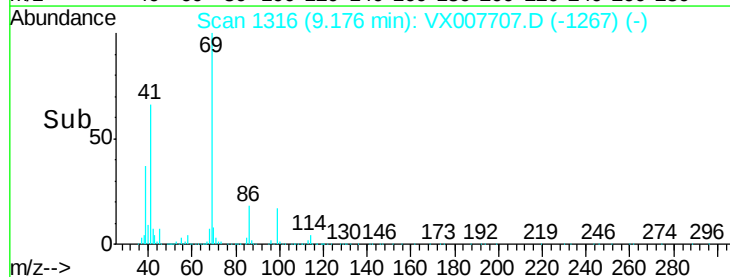
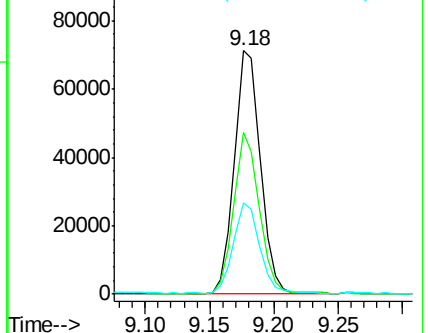
39 38.1 30.1 45.1

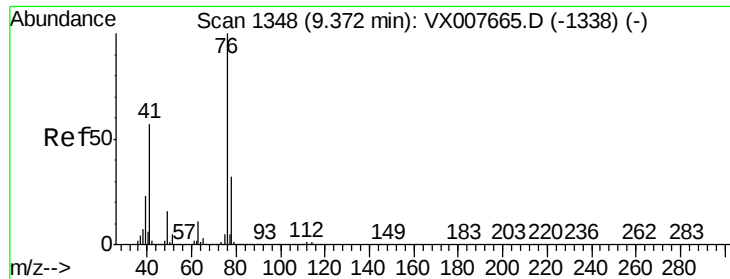


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.870 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

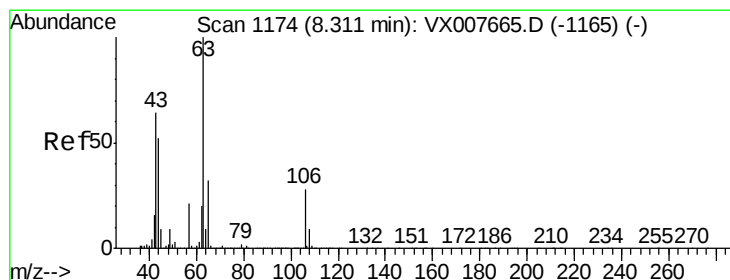
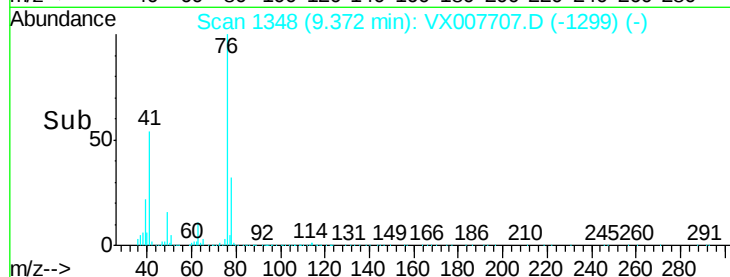
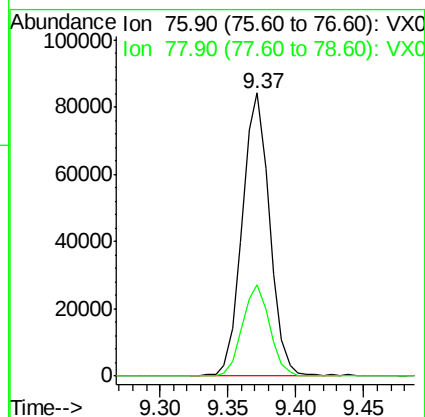
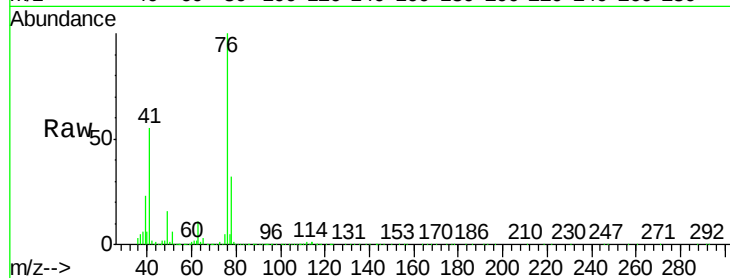
VX0225WBSD02

Tgt Ion: 76 Resp: 118308

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 97.115 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007707.D

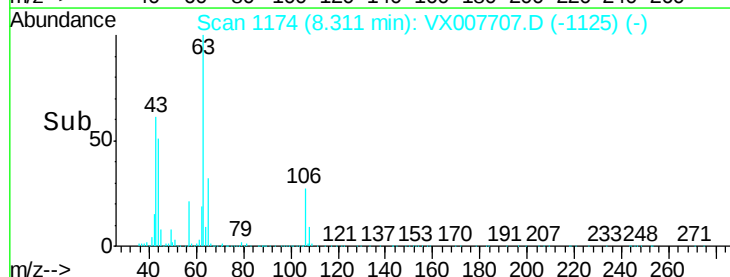
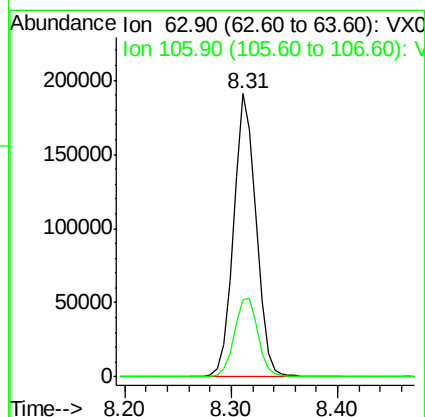
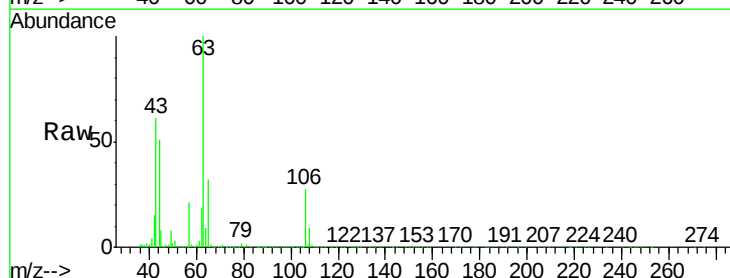
Acq: 26 Feb 2019 10:27

Tgt Ion: 63 Resp: 283268

Ion Ratio Lower Upper

63 100

106 29.4 23.6 35.4

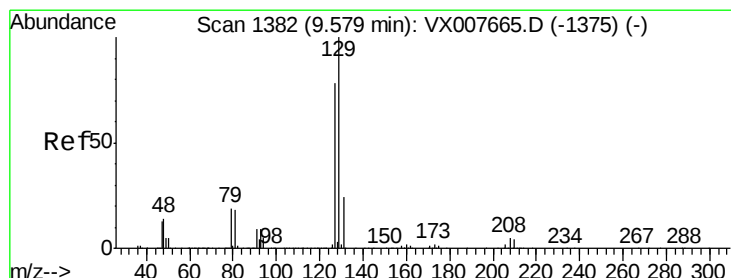
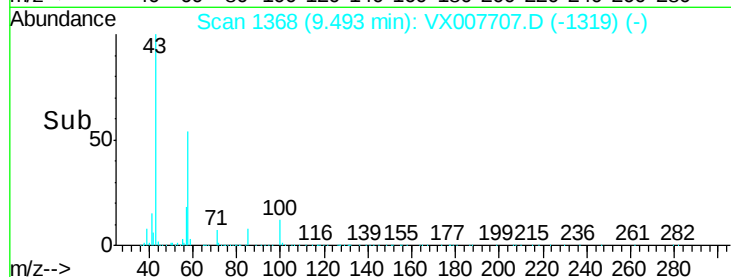
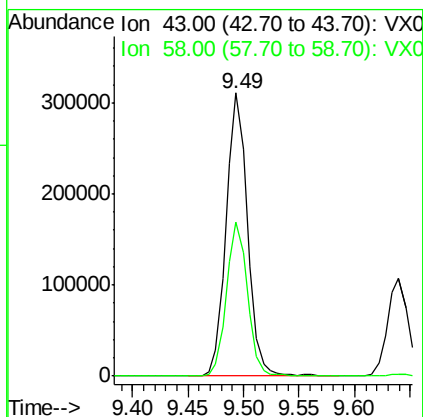
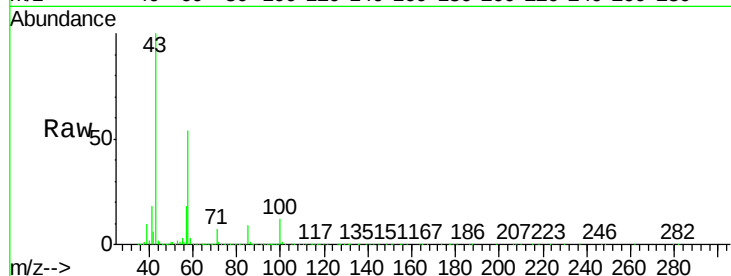




#59
2-Hexanone
Concen: 99.963 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007707.D
Acq: 26 Feb 2019 10:27

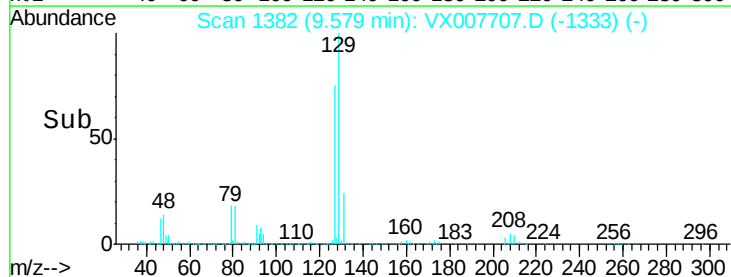
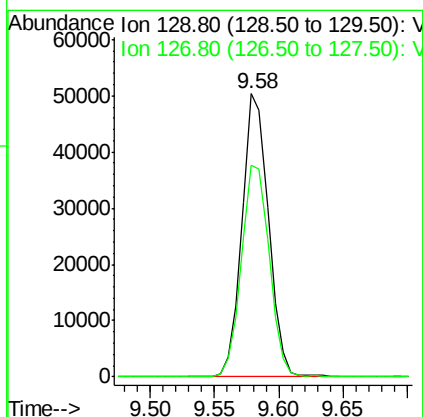
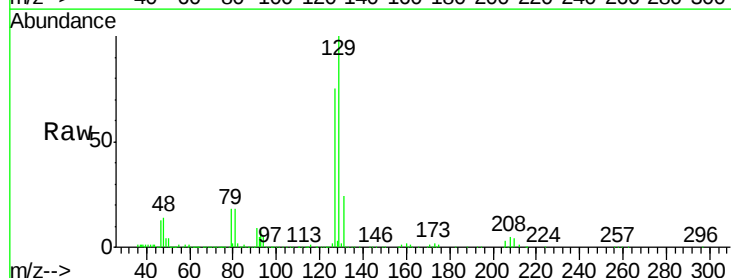
Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD02

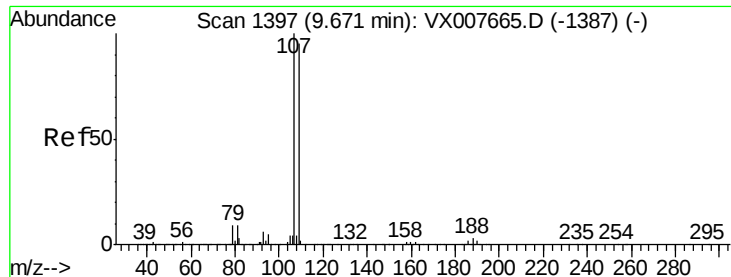
Tgt Ion: 43 Resp: 411535
Ion Ratio Lower Upper
43 100
58 53.8 27.1 81.3



#60
Dibromochloromethane
Concen: 20.014 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX007707.D
Acq: 26 Feb 2019 10:27

Tgt Ion: 129 Resp: 71631
Ion Ratio Lower Upper
129 100
127 78.6 37.8 113.4





#61

1,2-Dibromoethane

Concen: 20.534 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

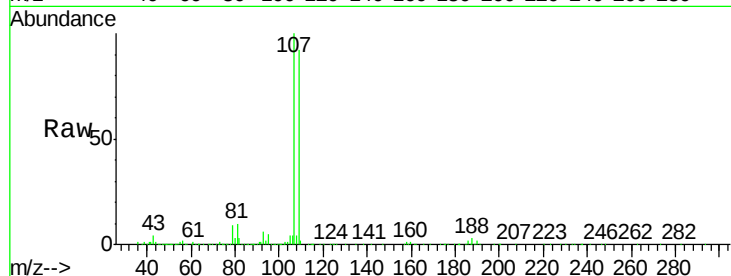
VX0225WBSD02

Tgt Ion: 107 Resp: 79296

Ion Ratio Lower Upper

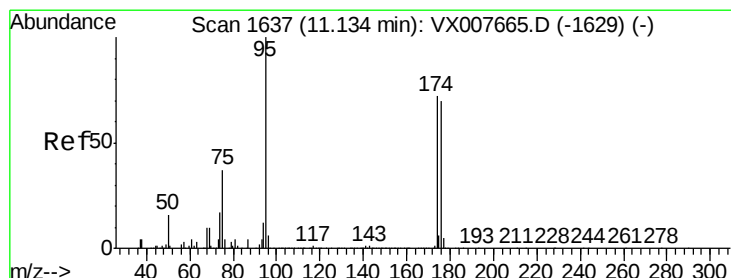
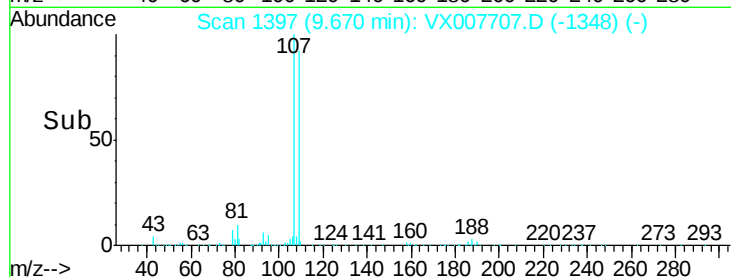
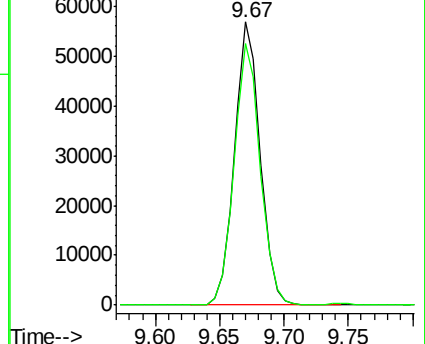
107 100

109 94.1 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.426 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

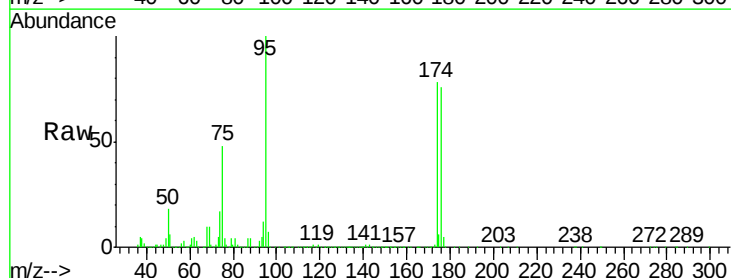
Tgt Ion: 95 Resp: 222259

Ion Ratio Lower Upper

95 100

174 83.8 0.0 189.2

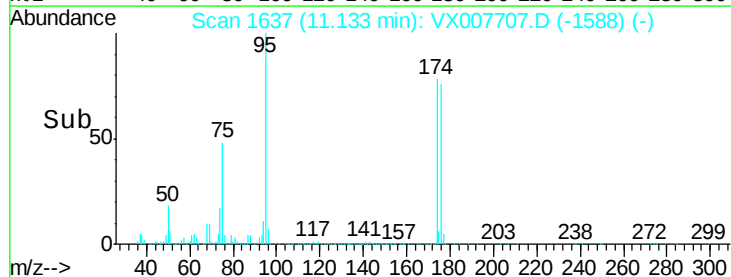
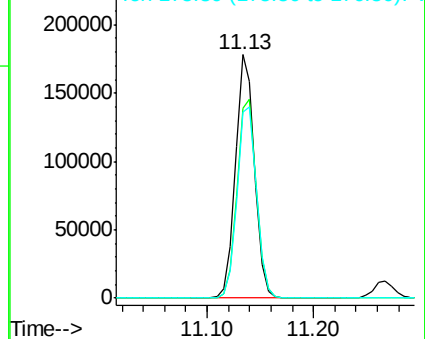
176 81.5 0.0 186.2

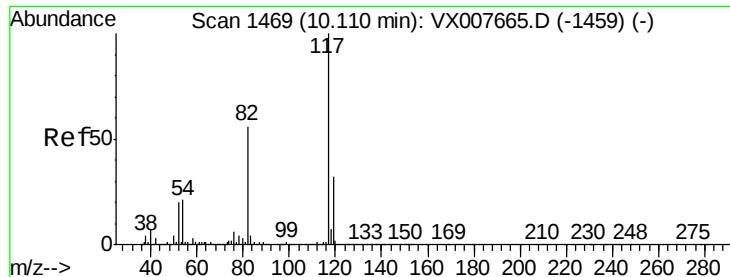


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

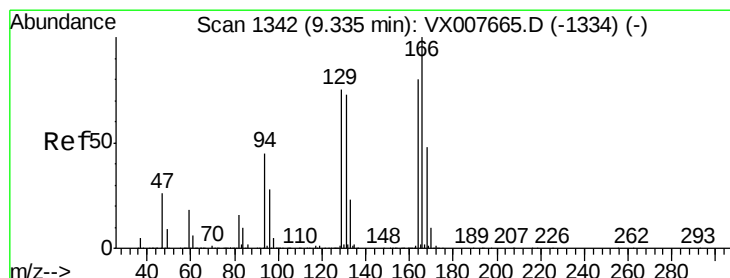
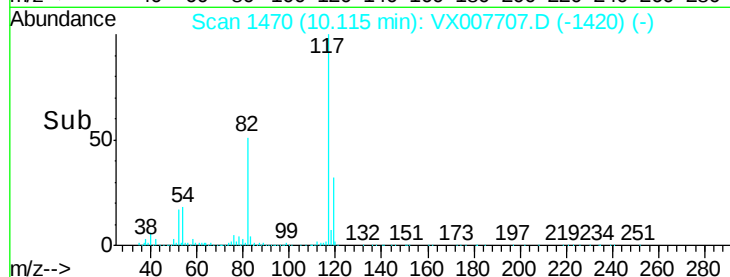
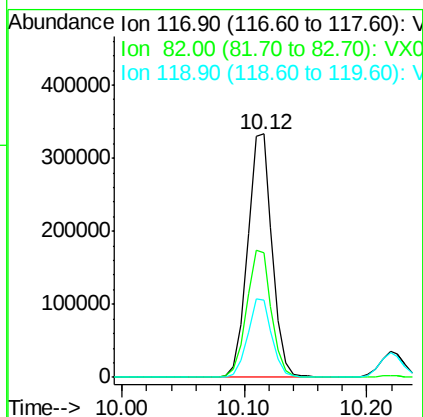
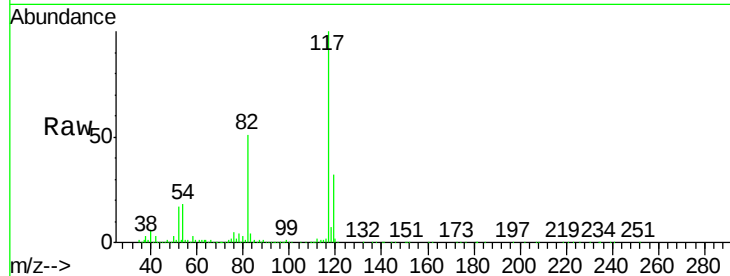




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007707.D
Acq: 26 Feb 2019 10:27

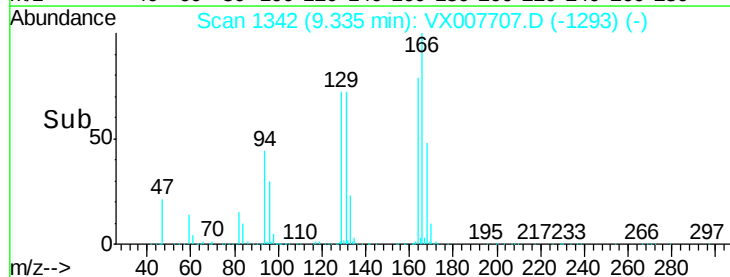
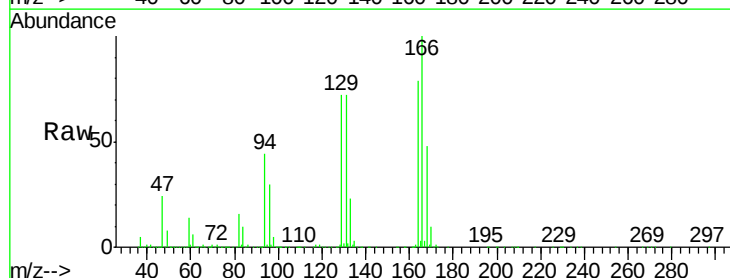
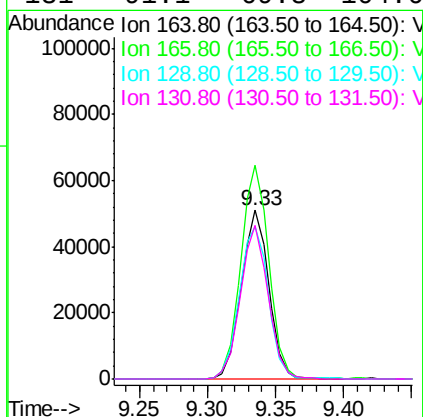
Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD02

Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.9	42.1	63.1
119	31.9	26.5	39.7



#64
Tetrachloroethene
Concen: 19.325 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007707.D
Acq: 26 Feb 2019 10:27

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.7	101.0	151.4
129	90.7	70.5	105.7
131	91.1	69.8	104.6





#65

Chlorobenzene

Concen: 19.811 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

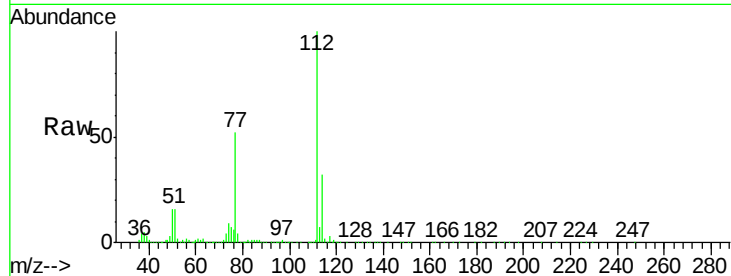
VX0225WBSD02

Tgt Ion:112 Resp: 197850

Ion Ratio Lower Upper

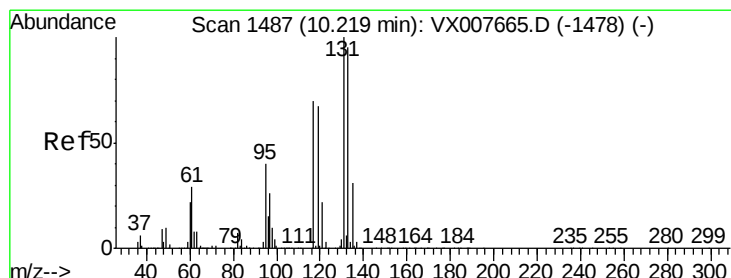
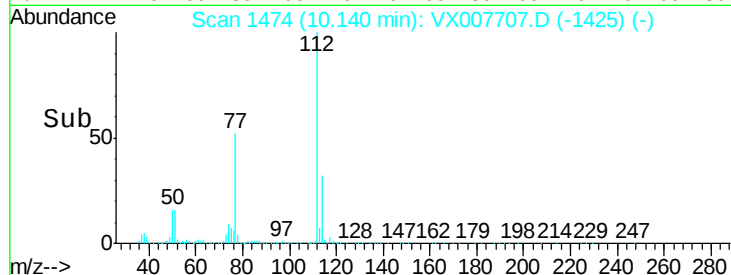
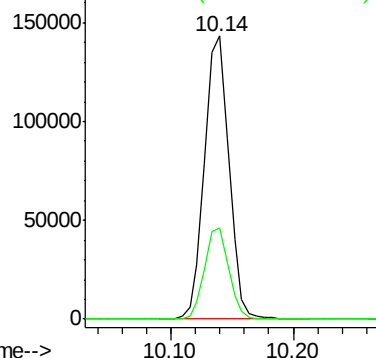
112 100

114 32.3 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.659 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

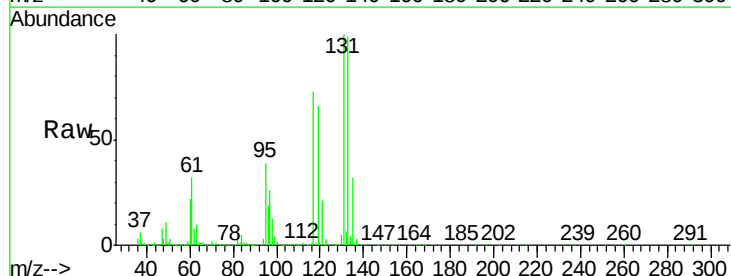
Tgt Ion:131 Resp: 68486

Ion Ratio Lower Upper

131 100

133 96.9 48.0 144.2

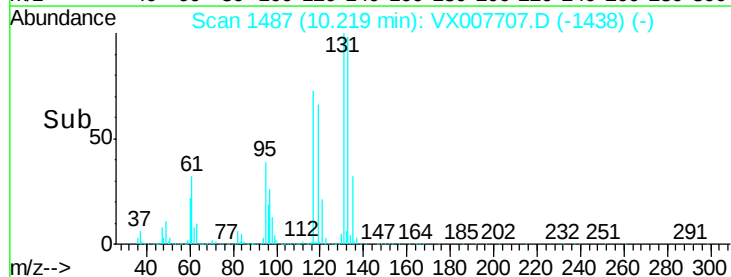
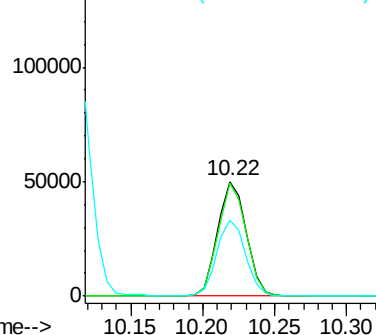
119 65.7 32.0 96.0

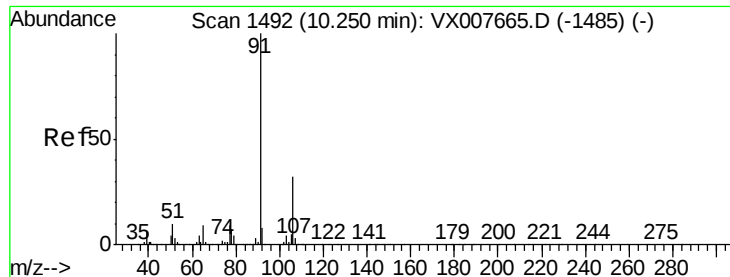


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.412 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

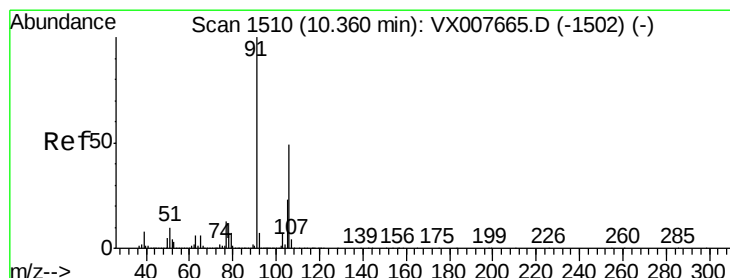
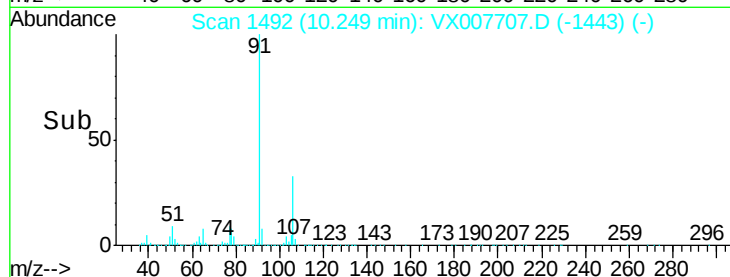
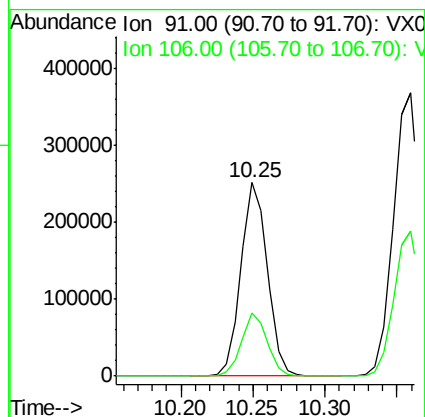
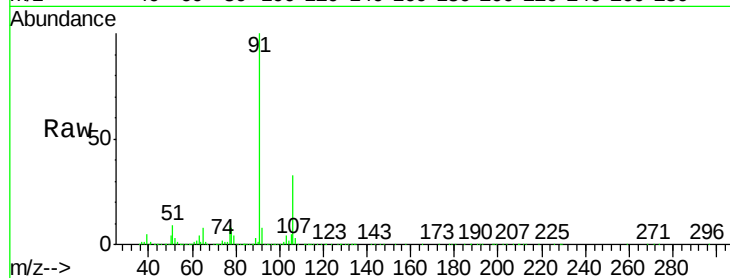
VX0225WBSD02

Tgt Ion: 91 Resp: 321150

Ion Ratio Lower Upper

91 100

106 32.6 25.4 38.0



#68

m/p-Xylenes

Concen: 39.186 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007707.D

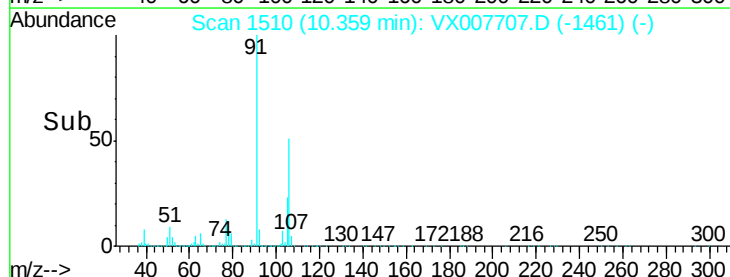
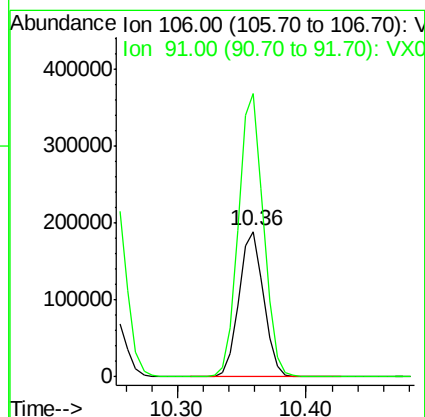
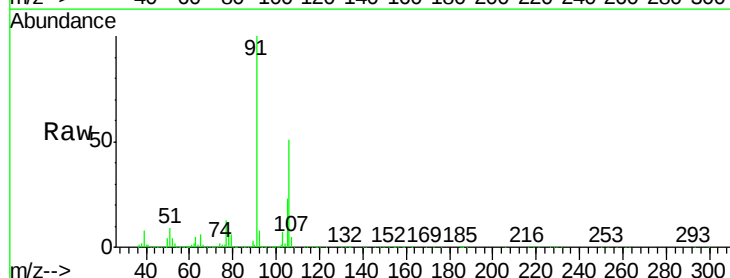
Acq: 26 Feb 2019 10:27

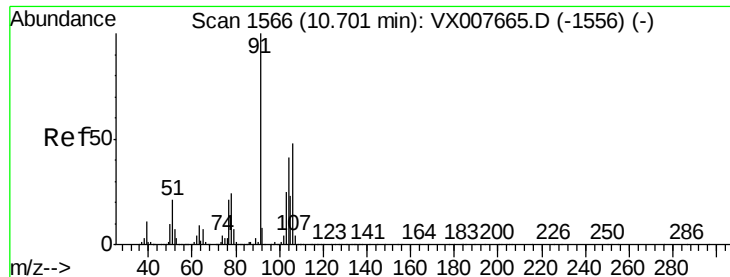
Tgt Ion: 106 Resp: 252198

Ion Ratio Lower Upper

106 100

91 196.8 156.6 234.8

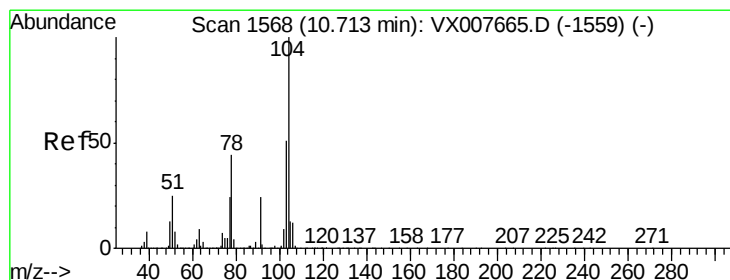
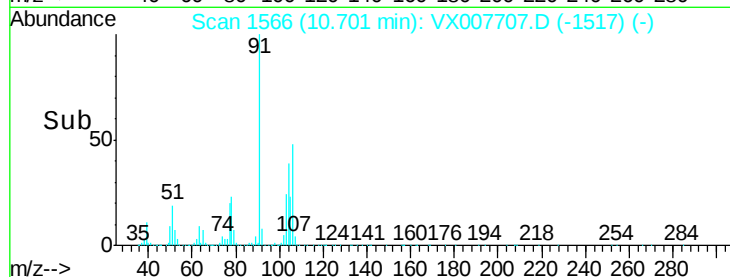
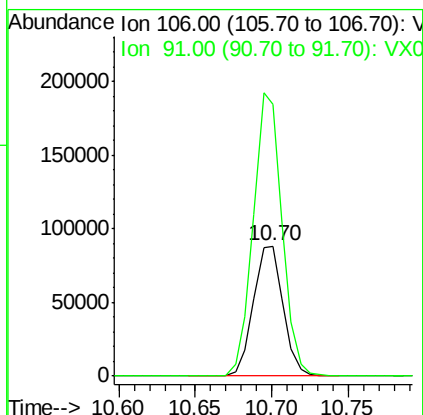
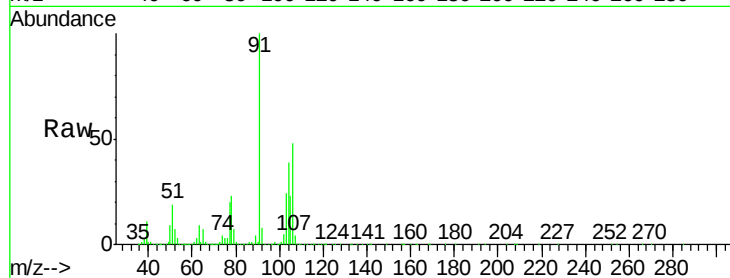




#69
o-Xylene
Concen: 19.290 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007707.D
Acq: 26 Feb 2019 10:27

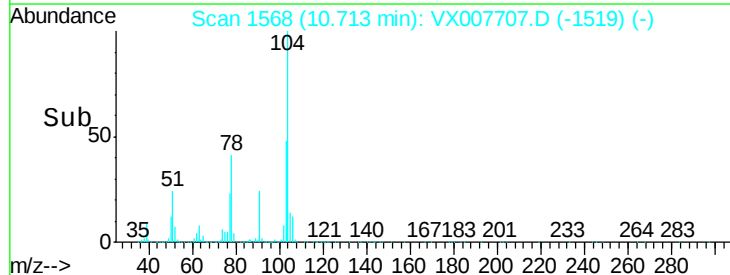
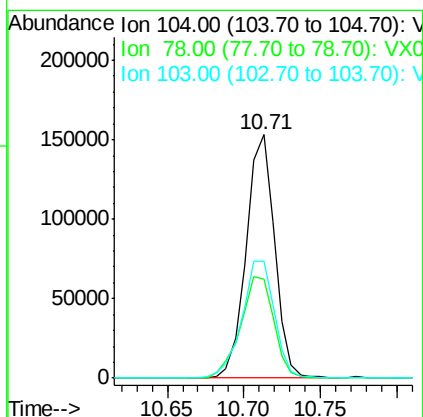
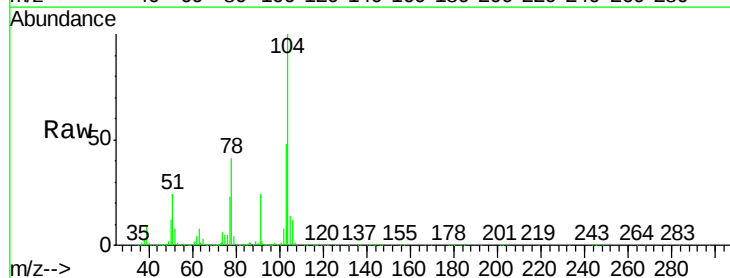
Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD02

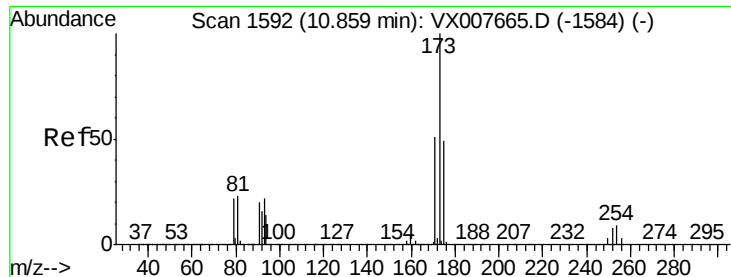
Tgt Ion:106 Resp: 119416
Ion Ratio Lower Upper
106 100
91 210.9 102.9 308.7



#70
Styrene
Concen: 19.450 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007707.D
Acq: 26 Feb 2019 10:27

Tgt Ion:104 Resp: 197912
Ion Ratio Lower Upper
104 100
78 48.5 38.3 57.5
103 55.3 44.6 67.0





#71

Bromoform

Concen: 18.900 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD02

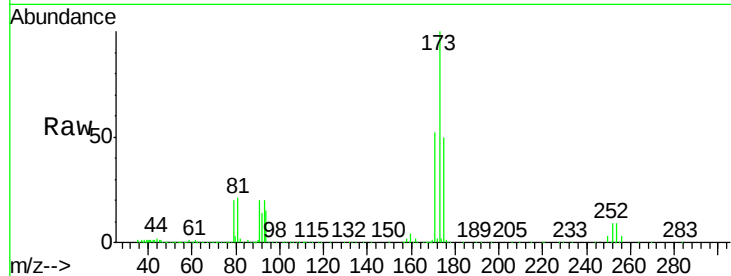
Tgt Ion:173 Resp: 49371

Ion Ratio Lower Upper

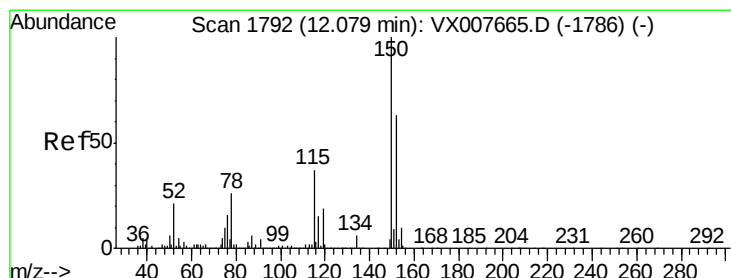
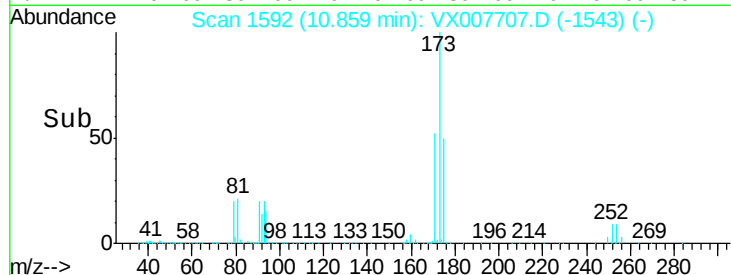
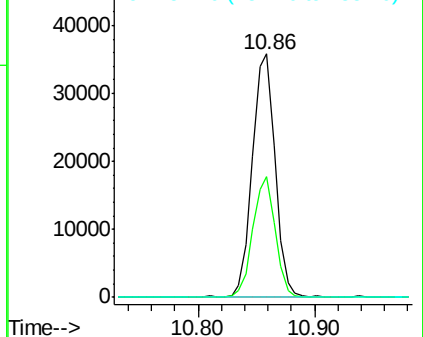
173 100

175 48.4 24.2 72.6

254 0.0 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: VX007707.D

Acq: 26 Feb 2019 10:27

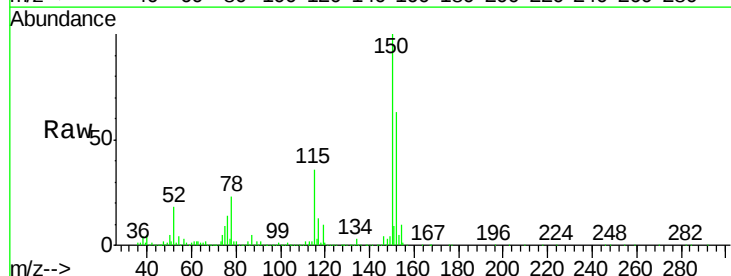
Tgt Ion:152 Resp: 222563

Ion Ratio Lower Upper

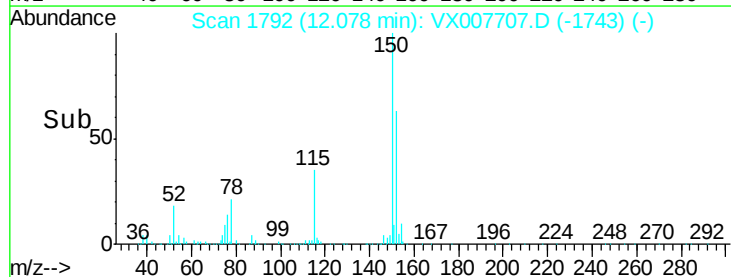
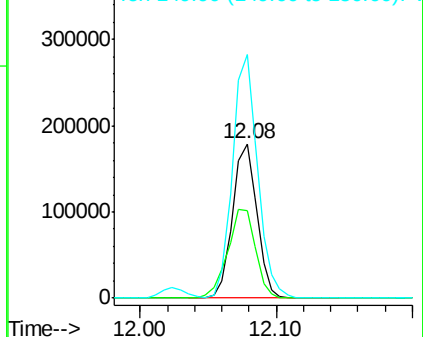
152 100

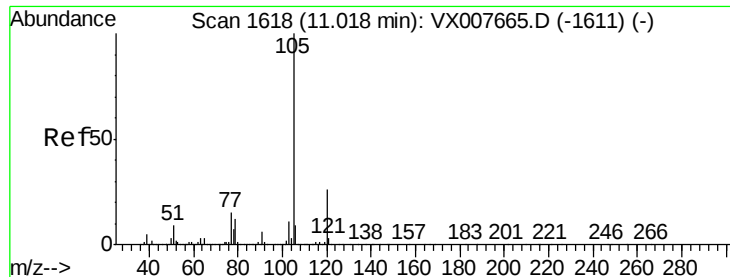
115 66.3 38.0 114.0

150 162.5 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.179 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

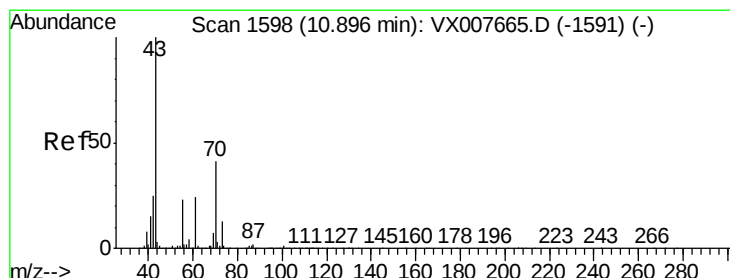
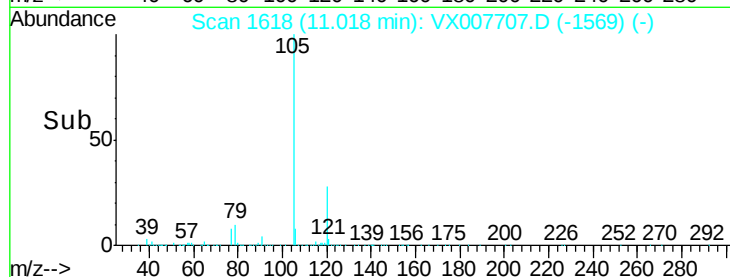
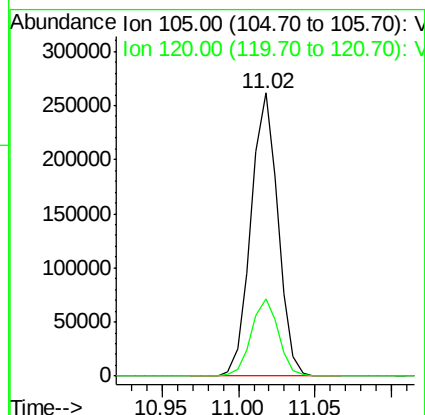
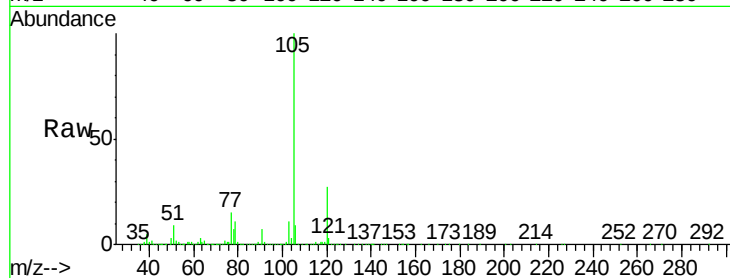
VX0225WBSD02

Tgt Ion: 105 Resp: 320984

Ion Ratio Lower Upper

105 100

120 27.4 13.6 40.7



#74

N-ethyl acetate

Concen: 19.503 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Tgt Ion: 43 Resp: 134719

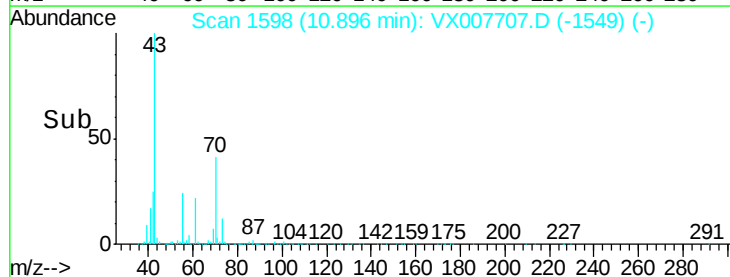
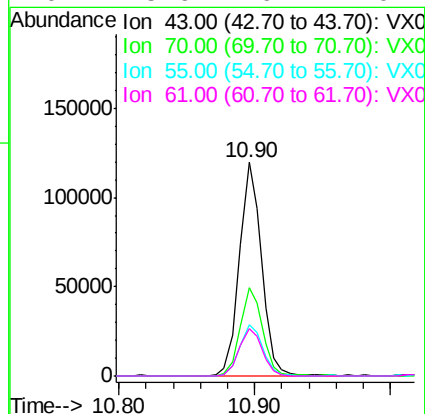
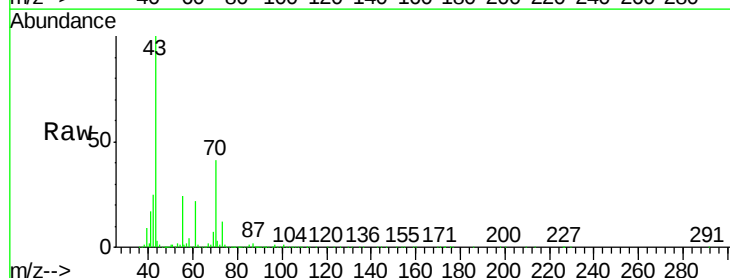
Ion Ratio Lower Upper

43 100

70 41.8 33.8 50.6

55 25.5 19.5 29.3

61 23.6 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.982 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD02

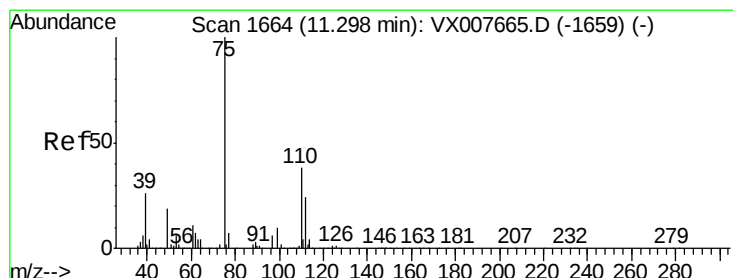
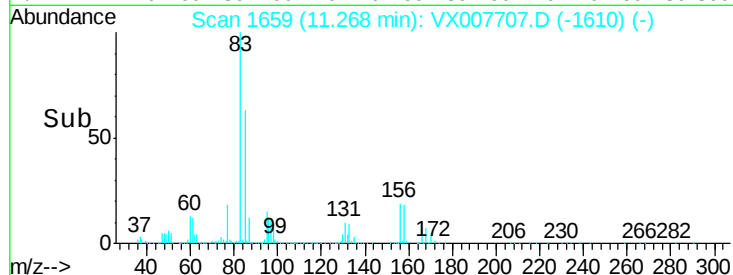
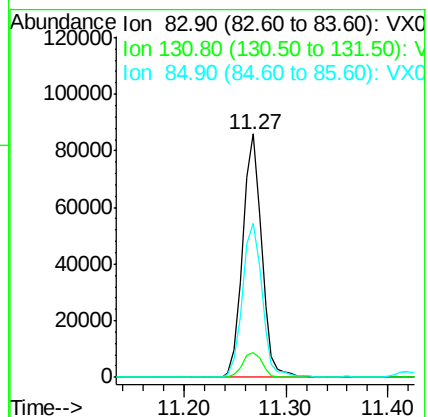
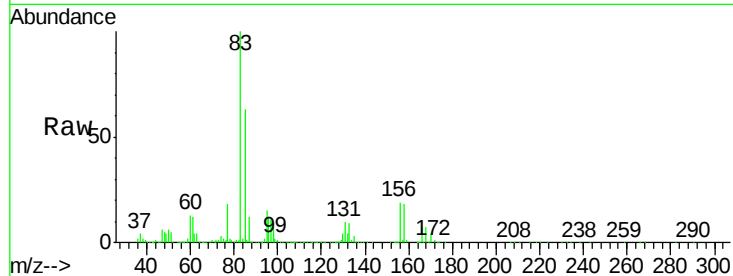
Tgt Ion: 83 Resp: 109934

Ion Ratio Lower Upper

83 100

131 11.0 5.7 17.0

85 65.8 32.8 98.3



#76

1,2,3-Trichloropropane

Concen: 25.751 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007707.D

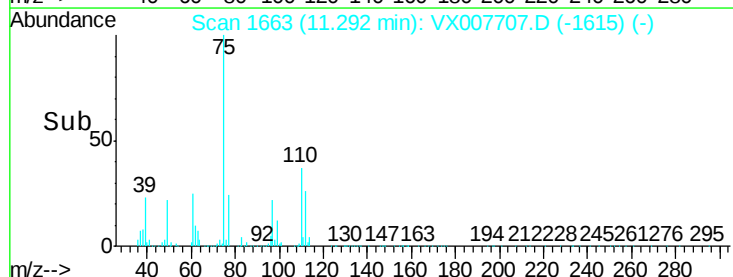
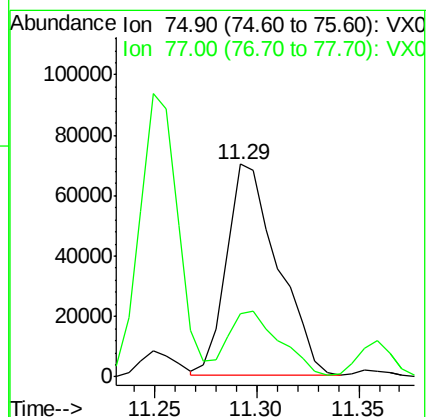
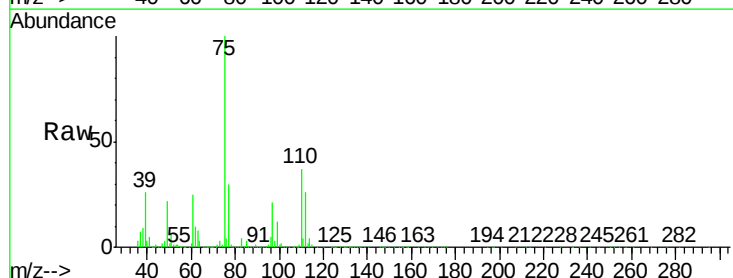
Acq: 26 Feb 2019 10:27

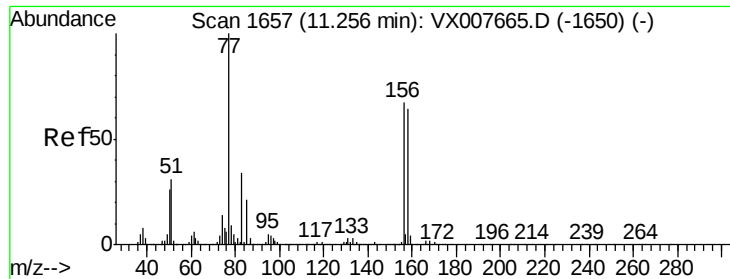
Tgt Ion: 75 Resp: 122164

Ion Ratio Lower Upper

75 100

77 32.0 23.0 69.0





#77

Bromobenzene

Concen: 21.289 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD02

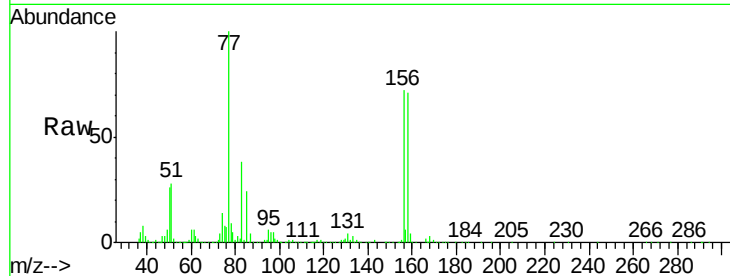
Tgt Ion:156 Resp: 84939

Ion Ratio Lower Upper

156 100

77 142.7 66.8 200.6

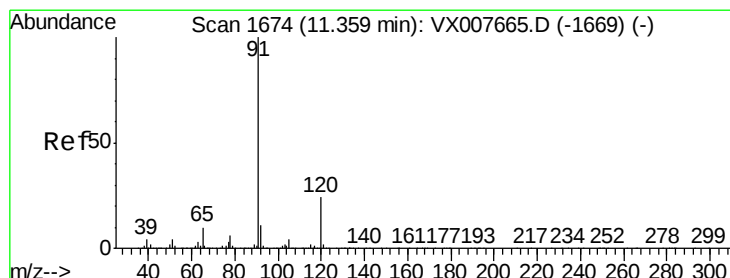
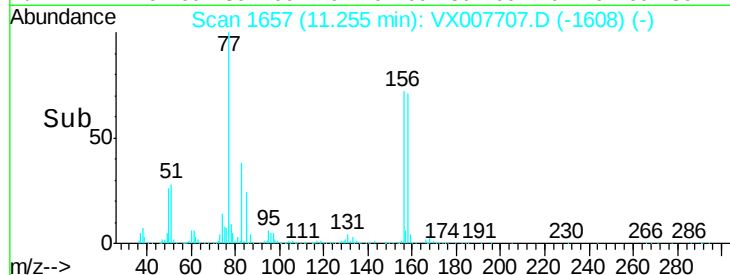
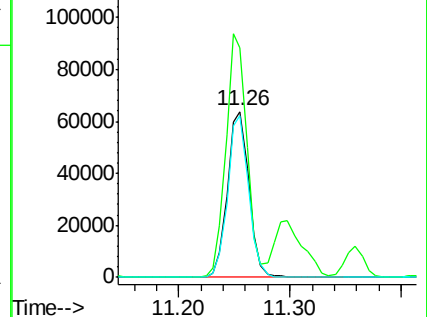
158 94.9 47.9 143.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.673 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007707.D

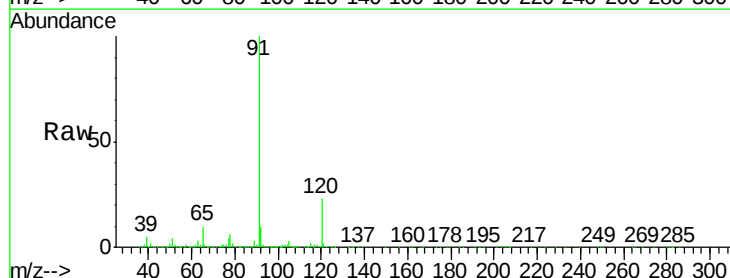
Acq: 26 Feb 2019 10:27

Tgt Ion: 91 Resp: 371597

Ion Ratio Lower Upper

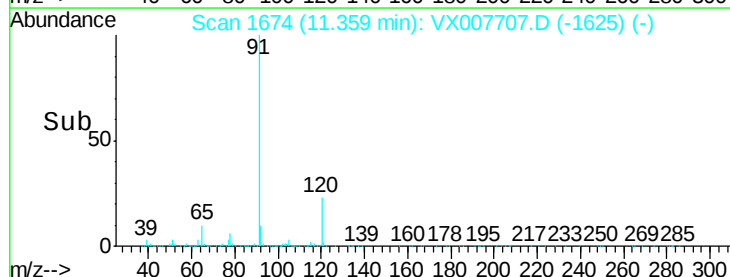
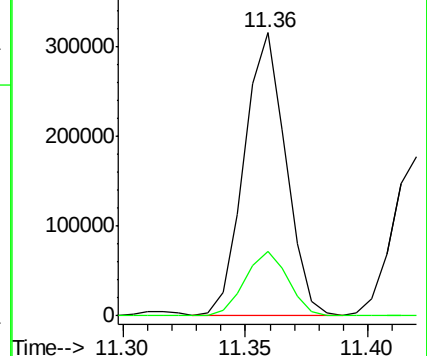
91 100

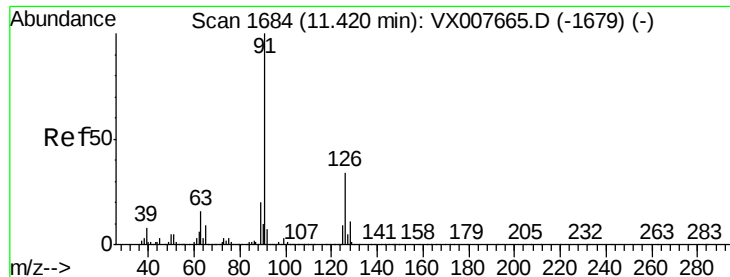
120 23.5 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.031 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

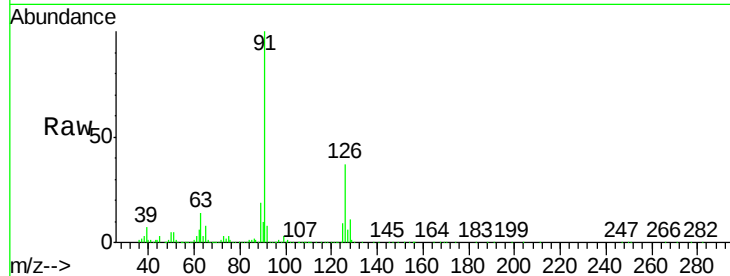
VX0225WBSD02

Tgt Ion: 91 Resp: 216794

Ion Ratio Lower Upper

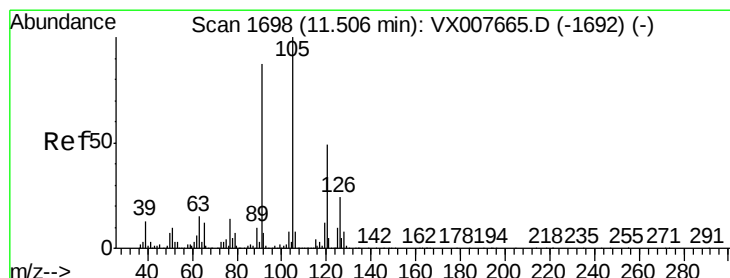
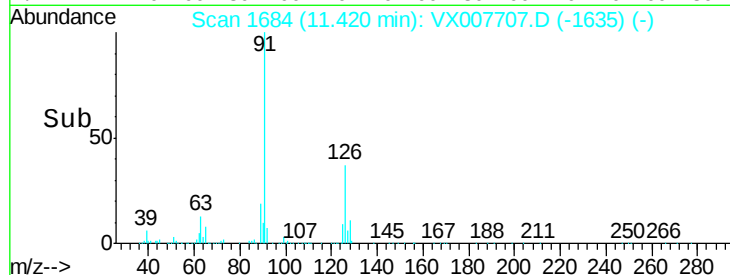
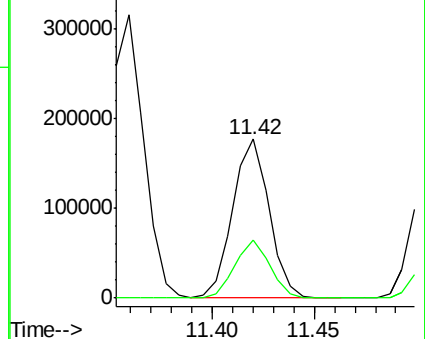
91 100

126 35.8 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.119 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007707.D

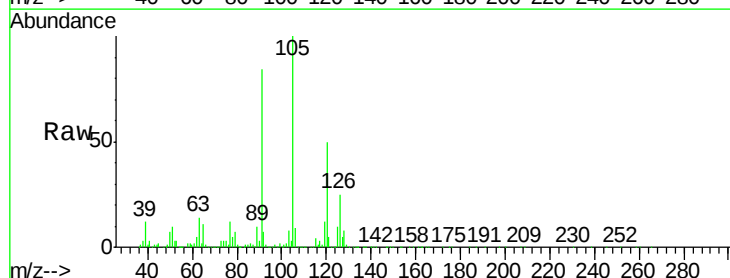
Acq: 26 Feb 2019 10:27

Tgt Ion: 105 Resp: 263244

Ion Ratio Lower Upper

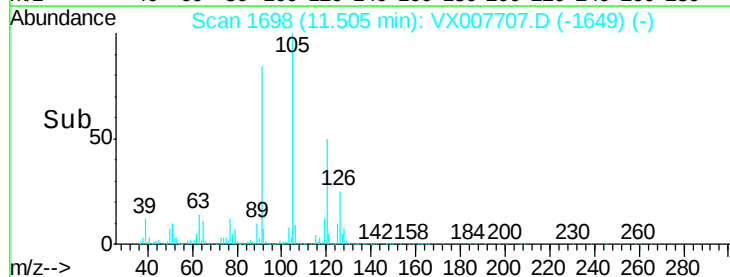
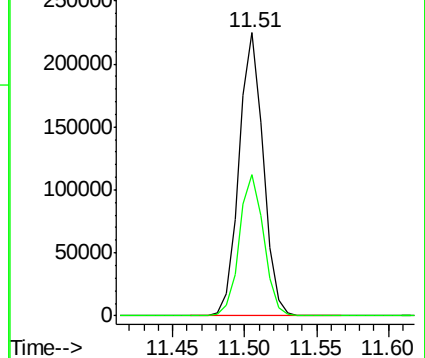
105 100

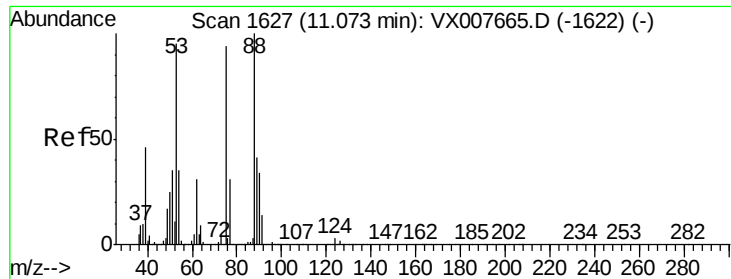
120 50.2 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.856 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD02

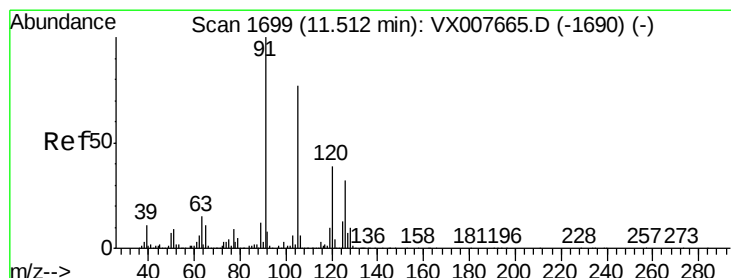
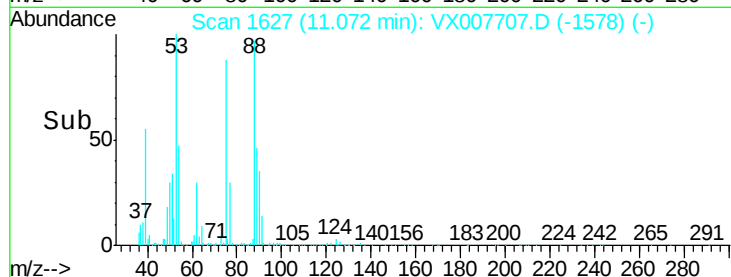
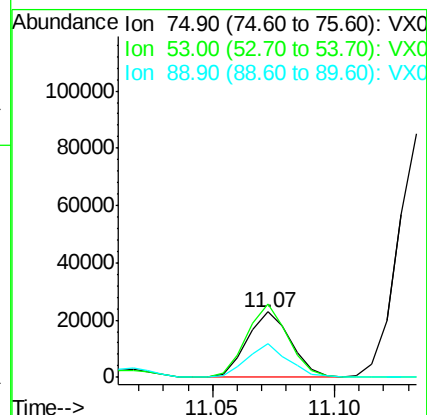
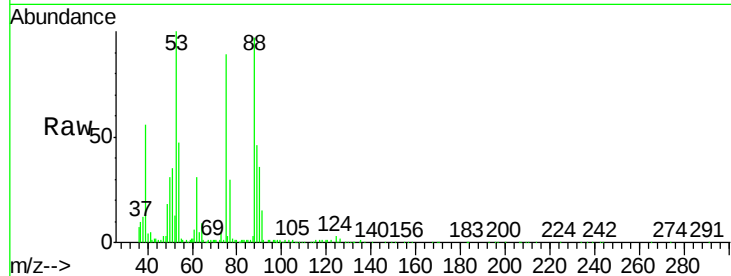
Tgt Ion: 75 Resp: 27967

Ion Ratio Lower Upper

75 100

53 107.7 81.0 121.6

89 49.6 41.4 62.0



#82

4-Chlorotoluene

Concen: 19.492 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX007707.D

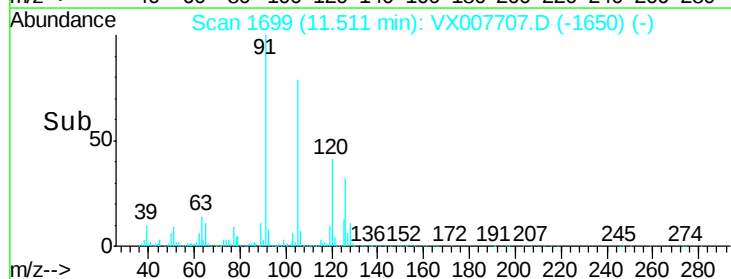
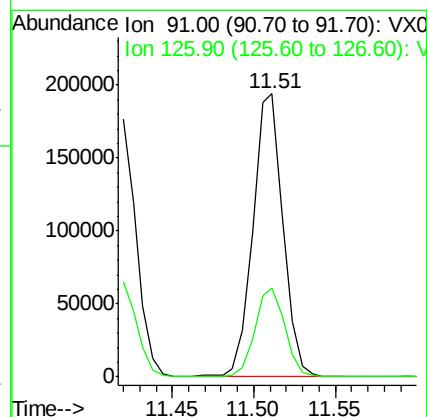
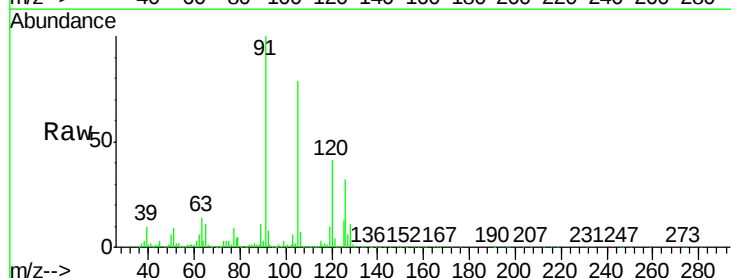
Acq: 26 Feb 2019 10:27

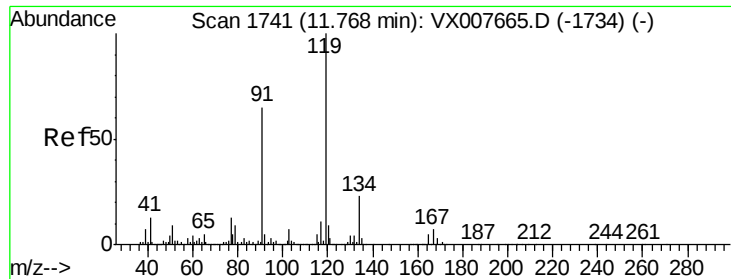
Tgt Ion: 91 Resp: 246797

Ion Ratio Lower Upper

91 100

126 31.8 16.2 48.5





#83

tert-Butylbenzene

Concen: 20.360 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD02

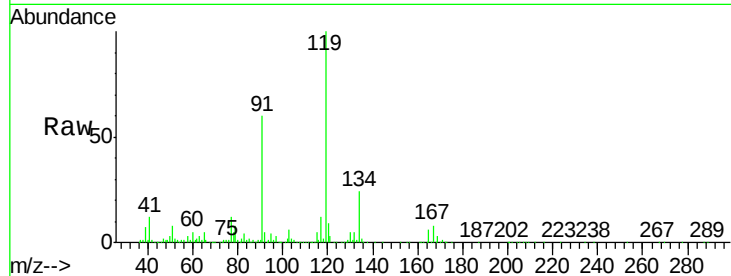
Tgt Ion:119 Resp: 255783

Ion Ratio Lower Upper

119 100

91 58.1 28.5 85.6

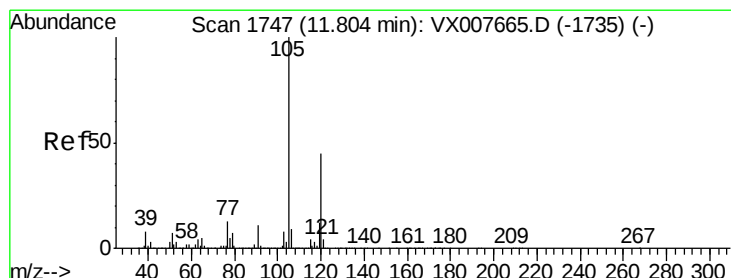
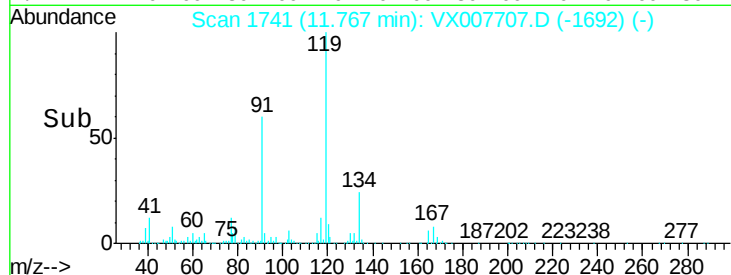
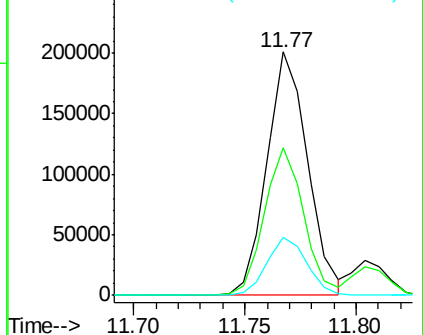
134 23.8 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.294 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007707.D

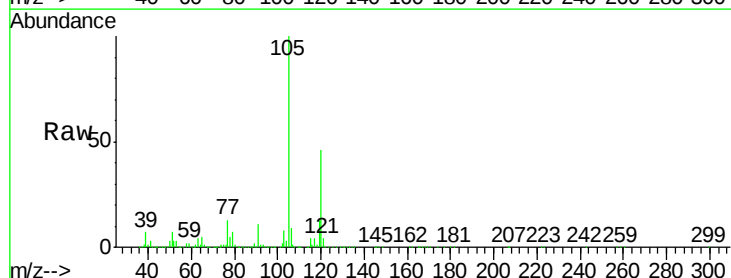
Acq: 26 Feb 2019 10:27

Tgt Ion:105 Resp: 271616

Ion Ratio Lower Upper

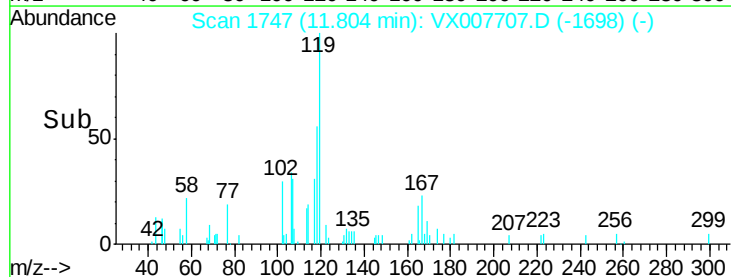
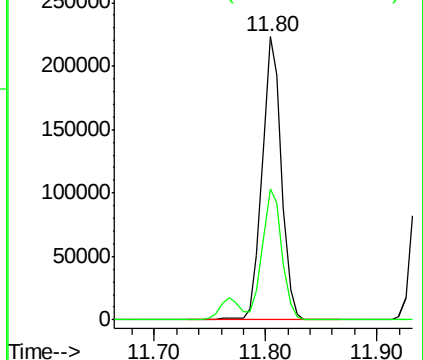
105 100

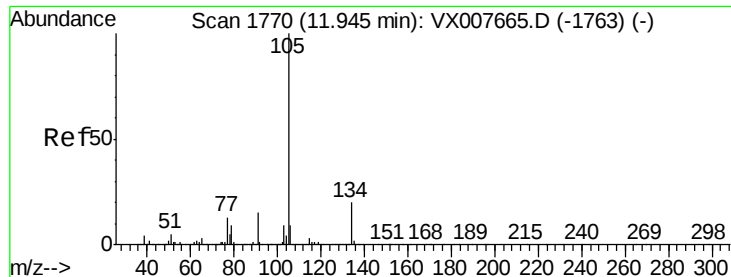
120 46.5 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.259 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

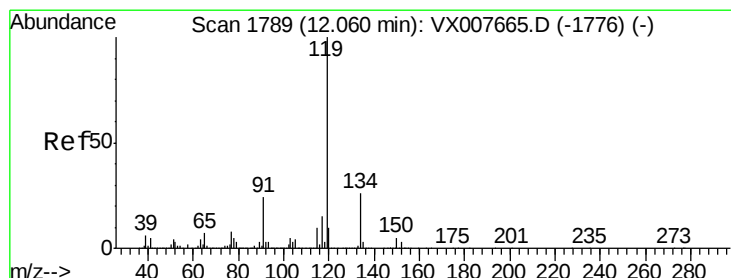
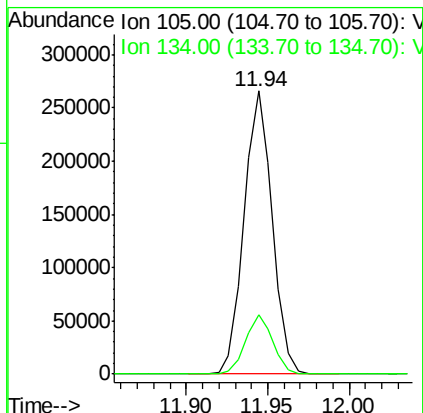
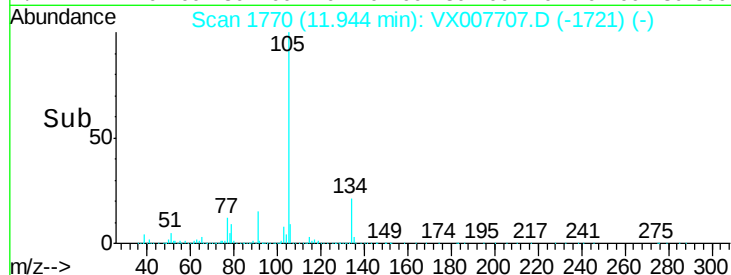
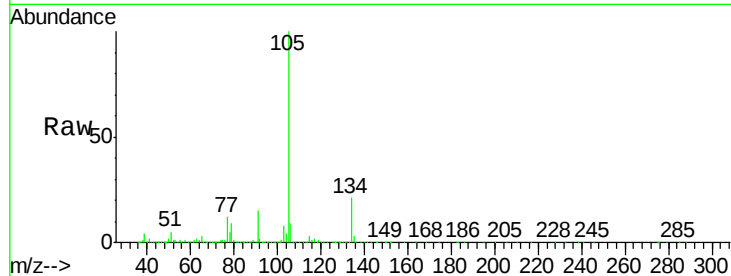
VX0225WBSD02

Tgt Ion:105 Resp: 318925

Ion Ratio Lower Upper

105 100

134 20.4 10.6 31.8



#86

p-Isopropyltoluene

Concen: 20.275 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

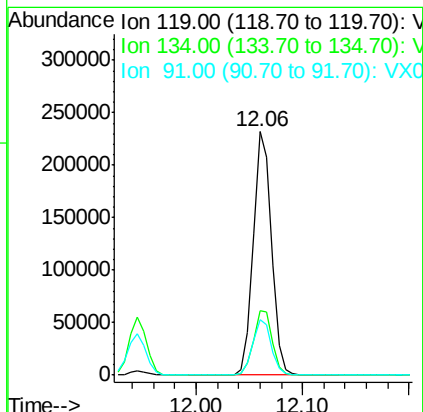
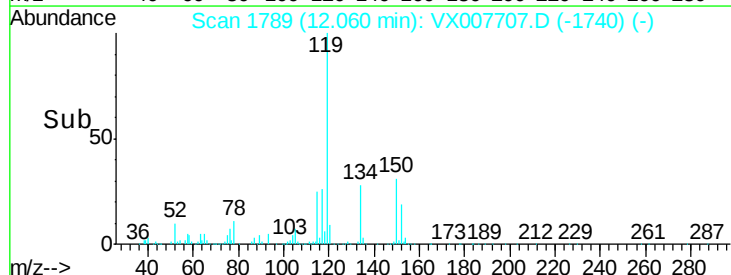
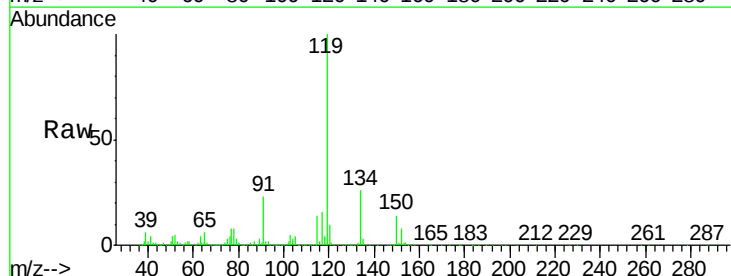
Tgt Ion:119 Resp: 279520

Ion Ratio Lower Upper

119 100

134 26.9 13.7 41.1

91 23.0 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 20.060 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD02

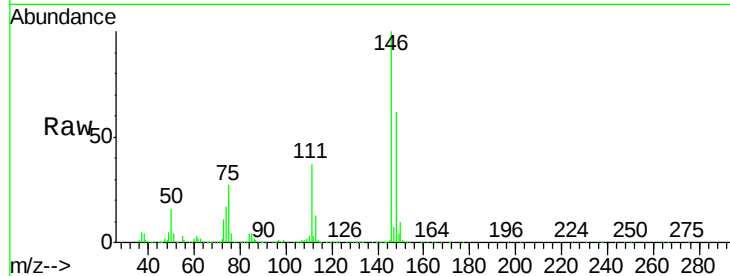
Tgt Ion:146 Resp: 148460

Ion Ratio Lower Upper

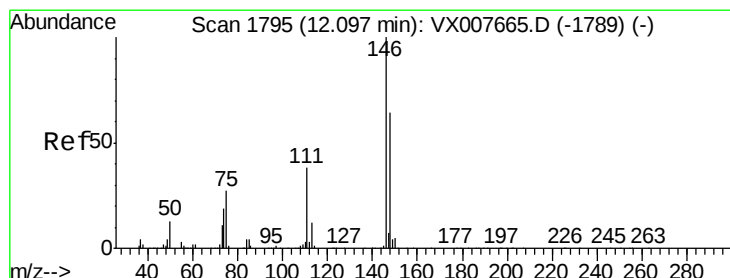
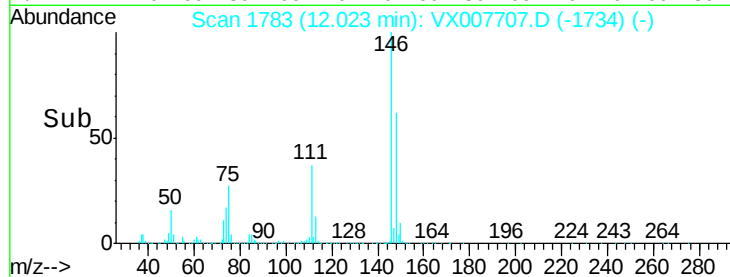
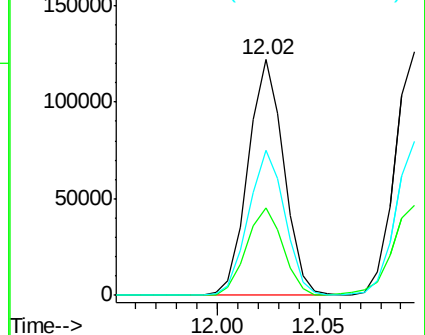
146 100

111 37.7 18.1 54.1

148 62.9 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: 19.763 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

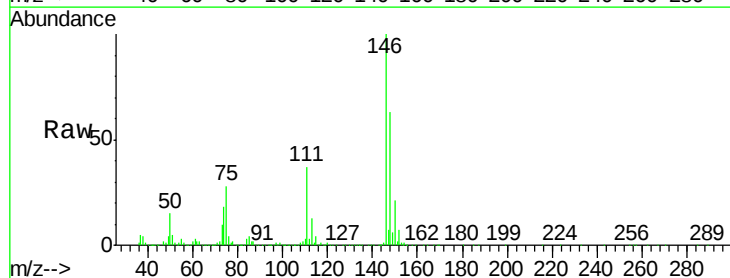
Tgt Ion:146 Resp: 149793

Ion Ratio Lower Upper

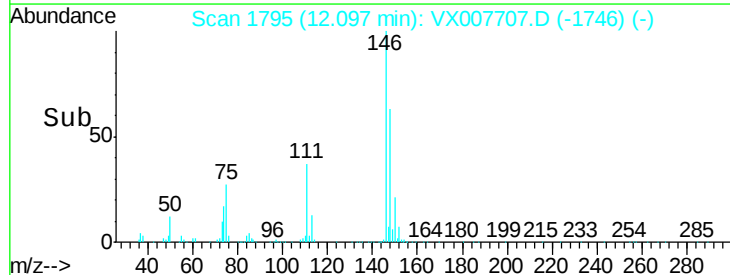
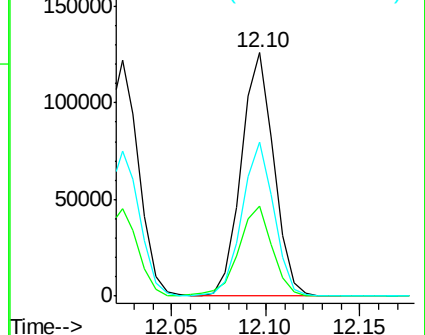
146 100

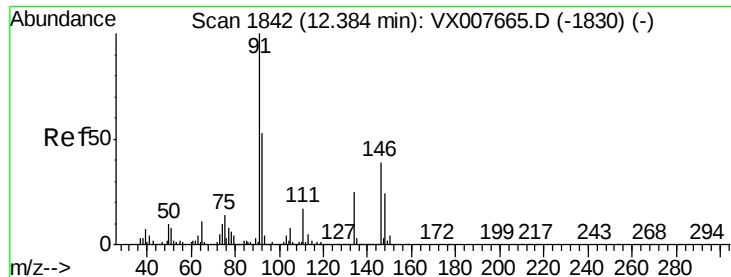
111 38.5 18.1 54.1

148 62.6 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

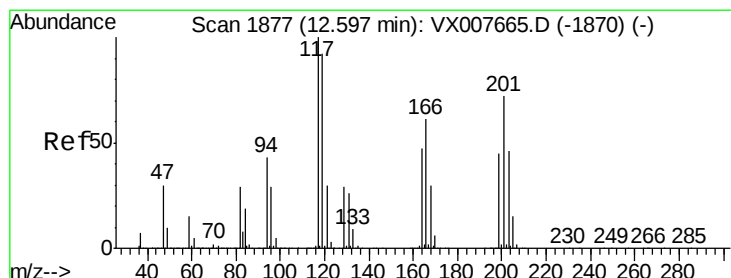
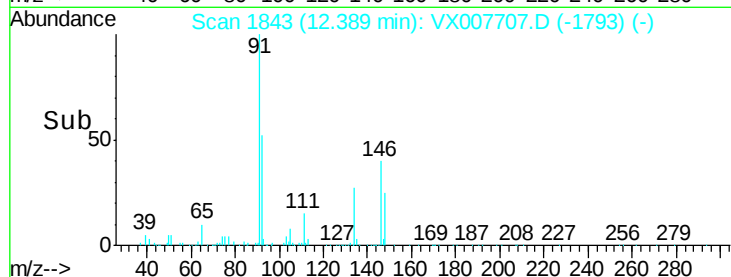
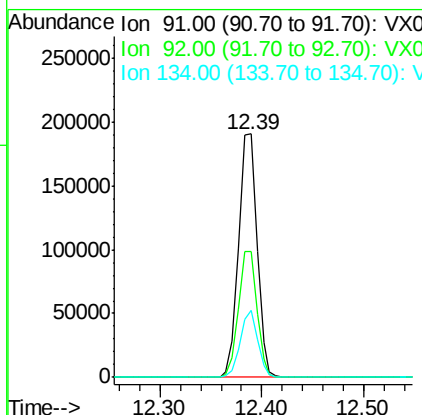
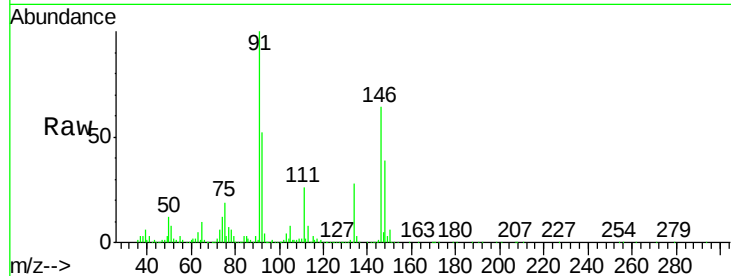




#89
n-Butylbenzene
Concen: 19.315 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007707.D
Acq: 26 Feb 2019 10:27

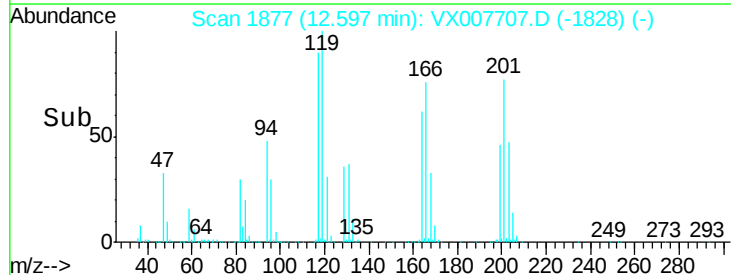
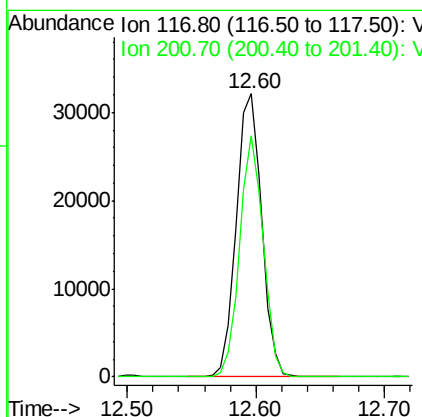
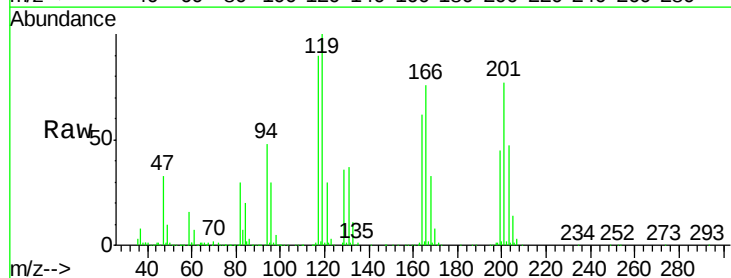
Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD02

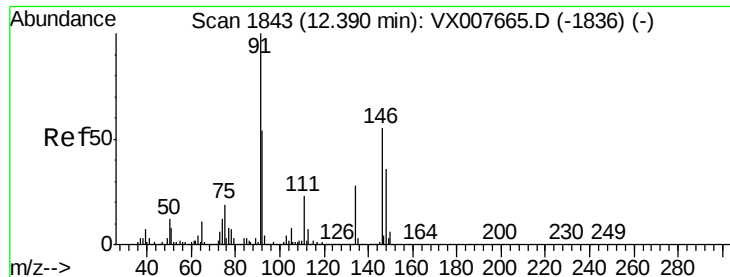
Tgt Ion: 91 Resp: 237483
Ion Ratio Lower Upper
91 100
92 51.7 26.3 78.9
134 25.9 13.9 41.6



#90
Hexachloroethane
Concen: 18.953 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007707.D
Acq: 26 Feb 2019 10:27

Tgt Ion: 117 Resp: 44026
Ion Ratio Lower Upper
117 100
201 78.8 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 20.257 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

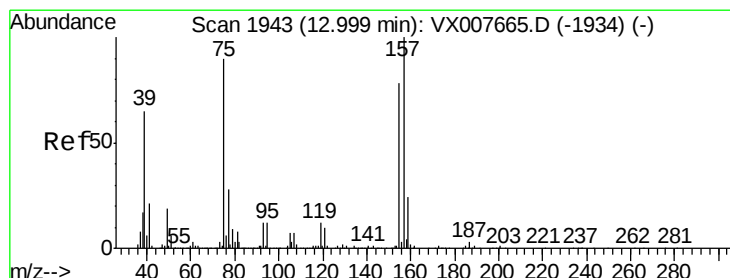
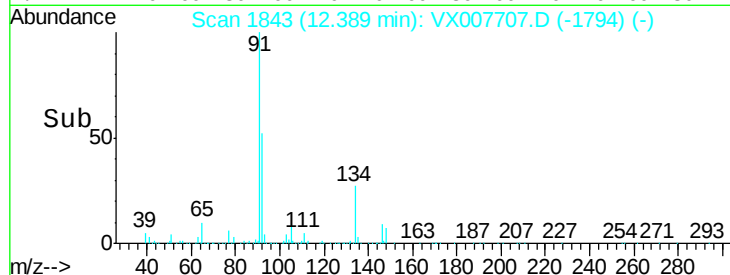
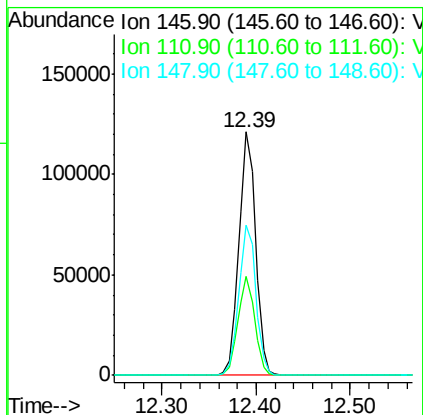
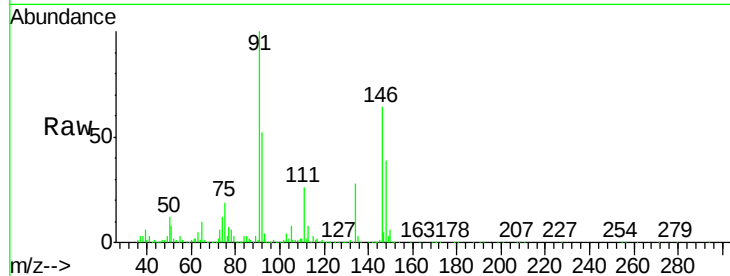
Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD02

Tgt Ion:	146	Resp:	150001
Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.1	57.3
148	62.8	32.1	96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.791 ug/l

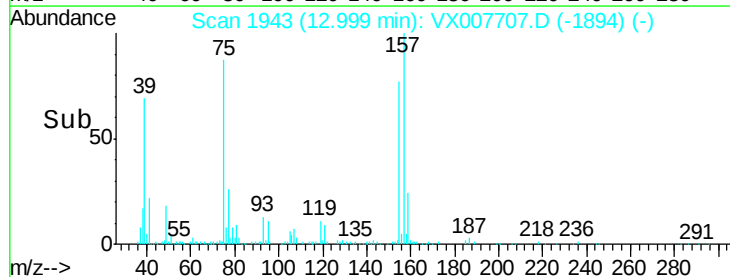
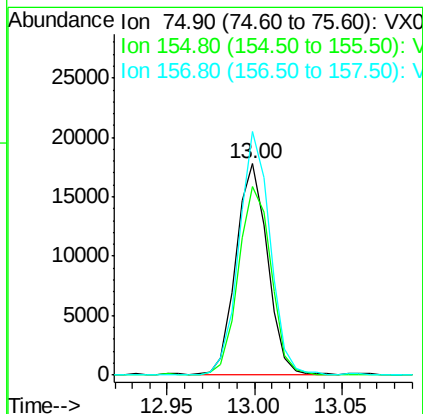
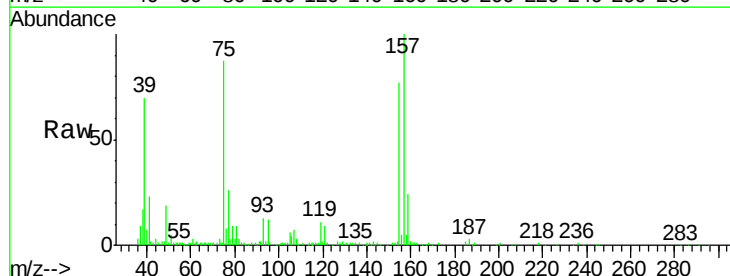
RT: 13.00 min Scan# 1943

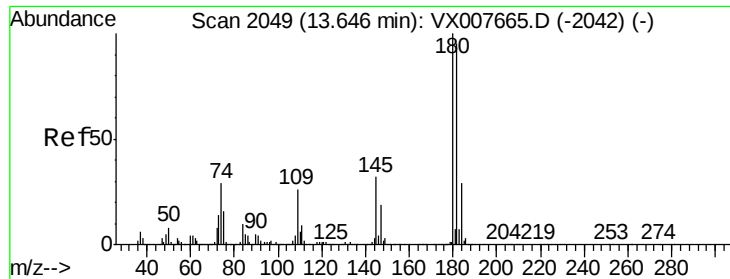
Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Tgt Ion:	75	Resp:	22526
Ion	Ratio	Lower	Upper
75	100		
155	91.6	49.6	149.0
157	112.8	65.1	195.3

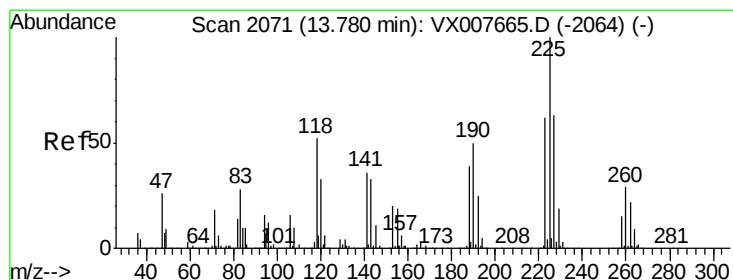
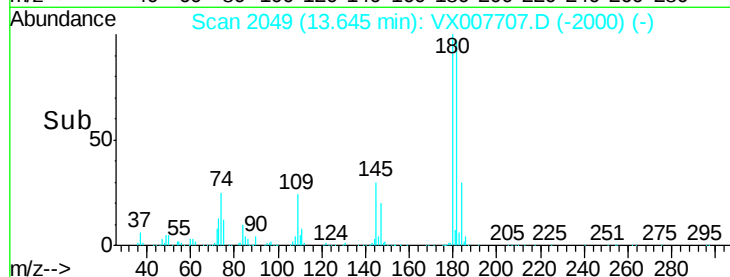
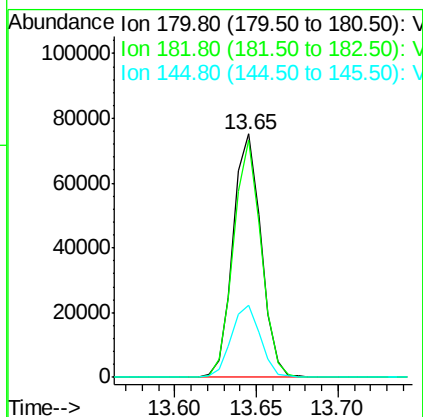
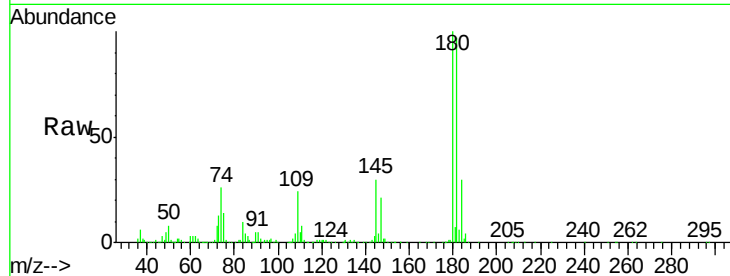




#93
 1,2,4-Trichlorobenzene
 Concen: 19.948 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007707.D
 Acq: 26 Feb 2019 10:27

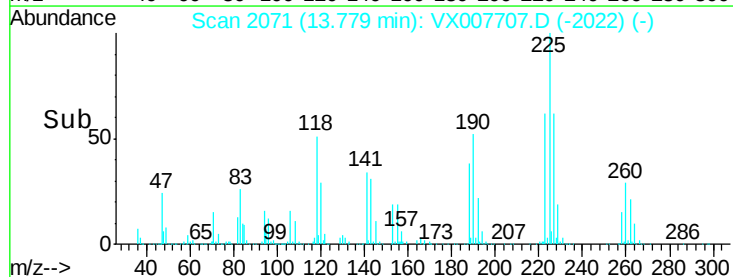
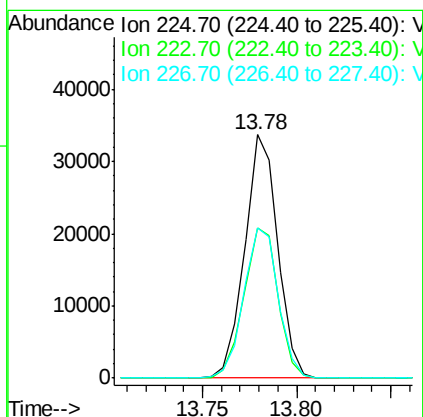
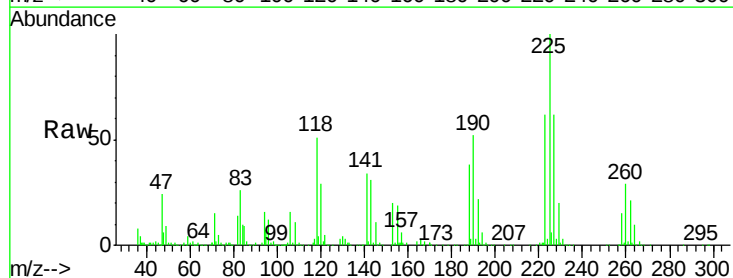
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBSD02

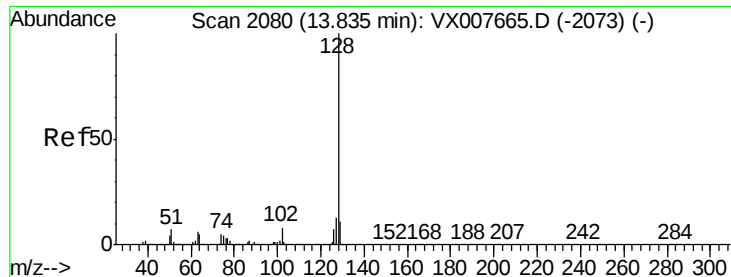
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.8	143.3
145	30.7	14.1	42.2



#94
 Hexachlorobutadiene
 Concen: 19.760 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007707.D
 Acq: 26 Feb 2019 10:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	31.6	94.8
227	64.2	32.1	96.3





#95

Naphthalene

Concen: 20.743 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD02

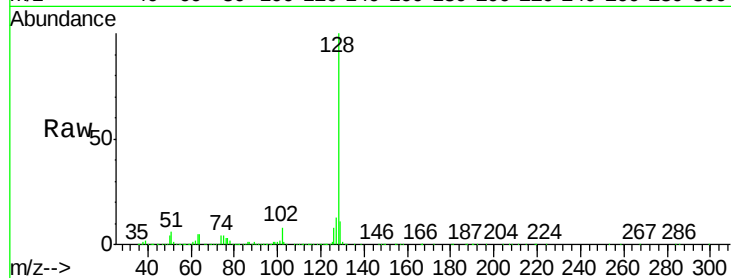
Tgt Ion:128 Resp: 303765

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

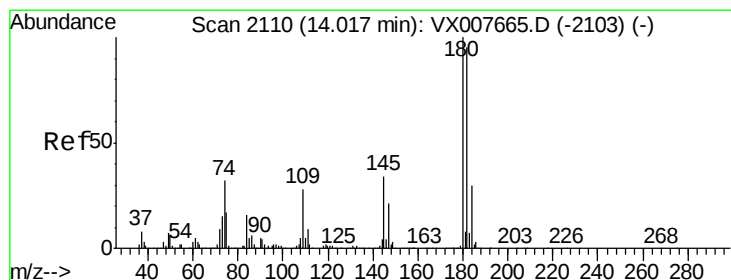
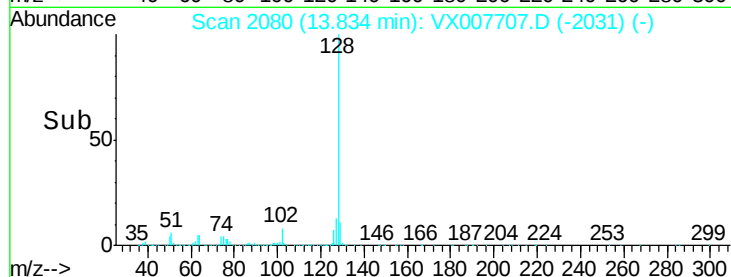
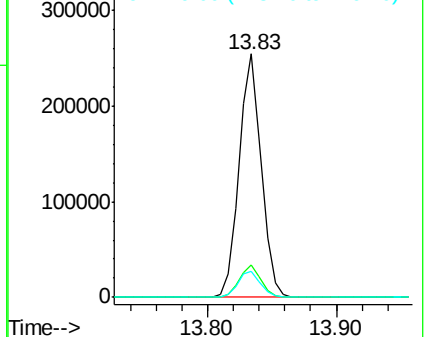
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.208 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

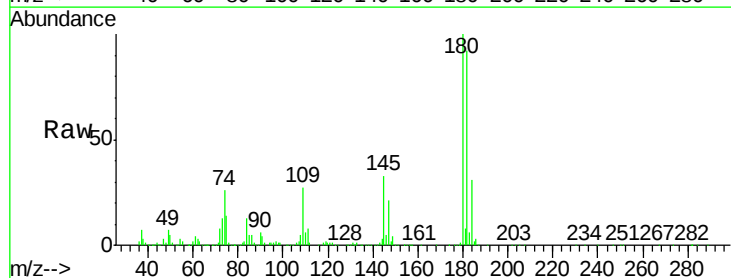
Tgt Ion:180 Resp: 91714

Ion Ratio Lower Upper

180 100

182 95.7 47.5 142.6

145 32.1 14.9 44.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

