

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031519\
 Data File : VX008108.D
 Acq On : 15 Mar 2019 15:23
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Mar 16 00:57:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X030819W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 08 12:01:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	41697	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	222716	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	197188	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	76871	28.05	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	93.50%
60) 4-Bromofluorobenzene	11.13	95	91684	29.13	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.10%
63) Toluene-d8	8.71	98	264609	29.32	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.73%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	44430	17.949 ug/l	97
3) Chloromethane	1.33	50	40844	14.838 ug/l	95
4) Vinyl Chloride	1.41	62	43091	15.804 ug/l	97
5) Bromomethane	1.65	94	28833	21.211 ug/l	99
6) Chloroethane	1.73	64	27141	17.044 ug/l	94
7) Trichlorofluoromethane	1.93	101	59394	17.493 ug/l	98
8) Diethyl Ether	2.19	74	31790	18.181 ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	47965	18.790 ug/l	94
10) 1,1-Dichloroethene	2.38	96	45607	18.849 ug/l	97
11) Methyl Iodide	2.51	142	75907	20.041 ug/l	92
12) Methyl Acetate	2.78	43	62340	16.291 ug/l	95
13) Acrolein	2.30	56	37691	83.957 ug/l	96
14) Acrylonitrile	3.15	53	141929	87.374 ug/l	99
15) Acetone	2.45	58	41073	70.035 ug/l	87
16) Carbon Disulfide	2.57	76	130144	17.144 ug/l	98
17) Allyl chloride	2.73	41	77063	15.535 ug/l	92
18) Methylene Chloride	2.86	84	49719	18.038 ug/l	95
19) trans-1,2-Dichloroethene	3.17	96	48368	18.893 ug/l	95
20) Diisopropyl ether	3.87	45	158425	17.458 ug/l	95
21) 1,1-Dichloroethane	3.70	63	90534	18.343 ug/l	98
22) cis-1,2-Dichloroethene	4.60	96	58501	19.810 ug/l	98
23) tert-Butyl Alcohol	3.07	59	63236	96.495 ug/l	# 100
24) Methyl tert-Butyl Ether	3.21	73	152447	18.325 ug/l	93
25) Chloroform	5.21	83	90207	19.364 ug/l	94
26) Cyclohexane	5.57	56	79373	17.404 ug/l	# 97
29) 1,1-Dichloropropene	5.80	75	66547	18.845 ug/l	99
30) 2-Butanone	4.70	43	207788	87.241 ug/l	99
31) 2,2-Dichloropropane	4.59	77	61949	18.993 ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	77347	20.255 ug/l	99
33) Carbon Tetrachloride	5.78	117	67723	19.995 ug/l	93
34) Benzene	6.15	78	209189	19.330 ug/l	98
35) Methacrylonitrile	5.06	41	41127	17.720 ug/l	99
36) 1,2-Dichloroethane	6.20	62	67707	19.230 ug/l	97
37) Trichloroethene	7.21	130	59646	20.343 ug/l	99
38) Methylcyclohexane	7.46	83	82195	18.307 ug/l	98
39) 1,2-Dichloropropane	7.52	63	53725	19.036 ug/l	99
40) Dibromomethane	7.66	93	35055	19.581 ug/l	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	63439	18.748	ug/l	98
42) Vinyl Acetate	3.82	43	688775	89.337	ug/l	99
43) Ethyl Acetate	4.86	43	75576	18.217	ug/l #	81
44) Isopropyl Acetate	6.46	43	113271	17.894	ug/l	96
45) 1,4-Dioxane	7.75	88	29564	446.402	ug/l	97
46) Methyl methacrylate	7.77	41	59572	17.894	ug/l	93
47) n-amyl Acetate	10.90	43	94546	17.335	ug/l	100
48) t-1,3-Dichloropropene	9.04	75	69164	18.873	ug/l	98
49) cis-1,3-Dichloropropene	8.44	75	78479	18.912	ug/l	93
50) 1,1,2-Trichloroethane	9.21	97	54720	20.053	ug/l	95
51) Ethyl methacrylate	9.18	69	79452	19.199	ug/l	93
52) 1,3-Dichloropropane	9.37	76	88162	19.553	ug/l	99
53) Dibromochloromethane	9.59	129	56301	20.058	ug/l	100
54) 1,2-Dibromoethane	9.67	107	58224	20.409	ug/l	99
55) 2-Chloroethyl vinyl ether	8.31	63	174167	90.488	ug/l	99
56) Bromoform	10.86	173	45179	20.179	ug/l #	96
58) 4-Methyl-2-Pentanone	8.65	43	385560	94.970	ug/l	97
59) 2-Hexanone	9.49	43	293581	91.609	ug/l	96
61) Tetrachloroethene	9.34	164	61946	21.535	ug/l	96
62) Toluene	8.79	91	227273	19.738	ug/l	100
64) Chlorobenzene	10.14	112	148155	20.189	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.22	131	54781	20.849	ug/l	99
66) Ethyl Benzene	10.25	91	236697	19.138	ug/l	98
67) m/p-Xylenes	10.36	106	186420	39.310	ug/l	98
68) o-Xylene	10.70	106	91435	19.856	ug/l	98
69) Styrene	10.71	104	151514	19.969	ug/l	98
70) Isopropylbenzene	11.02	105	243925	19.823	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.27	83	81876	20.147	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	93761	24.476	ug/l	90
73) Bromobenzene	11.26	156	67898	20.755	ug/l	98
74) n-propylbenzene	11.36	91	264912	19.086	ug/l	100
75) 2-Chlorotoluene	11.42	91	160907	19.341	ug/l	98
76) 1,3,5-Trimethylbenzene	11.51	105	202033	19.811	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	22741	19.214	ug/l	90
78) 4-Chlorotoluene	11.51	91	180776	19.219	ug/l	97
79) tert-butylbenzene	12.06	119	215226	19.667	ug/l	97
80) 1,2,4-Trimethylbenzene	11.80	105	206263	19.929	ug/l	98
81) sec-Butylbenzene	11.94	105	237065	19.340	ug/l	100
82) p-Isopropyltoluene	12.06	119	215226	19.667	ug/l	97
83) 1,3-Dichlorobenzene	12.02	146	118035	20.266	ug/l	97
84) 1,4-Dichlorobenzene	12.10	146	116793	20.042	ug/l	99
85) n-Butylbenzene	12.38	91	168480	18.002	ug/l	100
86) Hexachloroethane	12.60	117	33962	19.047	ug/l	78
87) 1,2-Dichlorobenzene	12.39	146	119280	20.722	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	13.00	75	16588	19.983	ug/l	92
89) 1,2,4-Trichlorobenzene	13.65	180	82062	19.837	ug/l	99
90) Hexachlorobutadiene	13.78	225	45341	19.873	ug/l	97
91) Naphthalene	13.83	128	243262	20.514	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	83781	20.376	ug/l	99

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QLast Update : Fri Mar 08 12:01:36 2019
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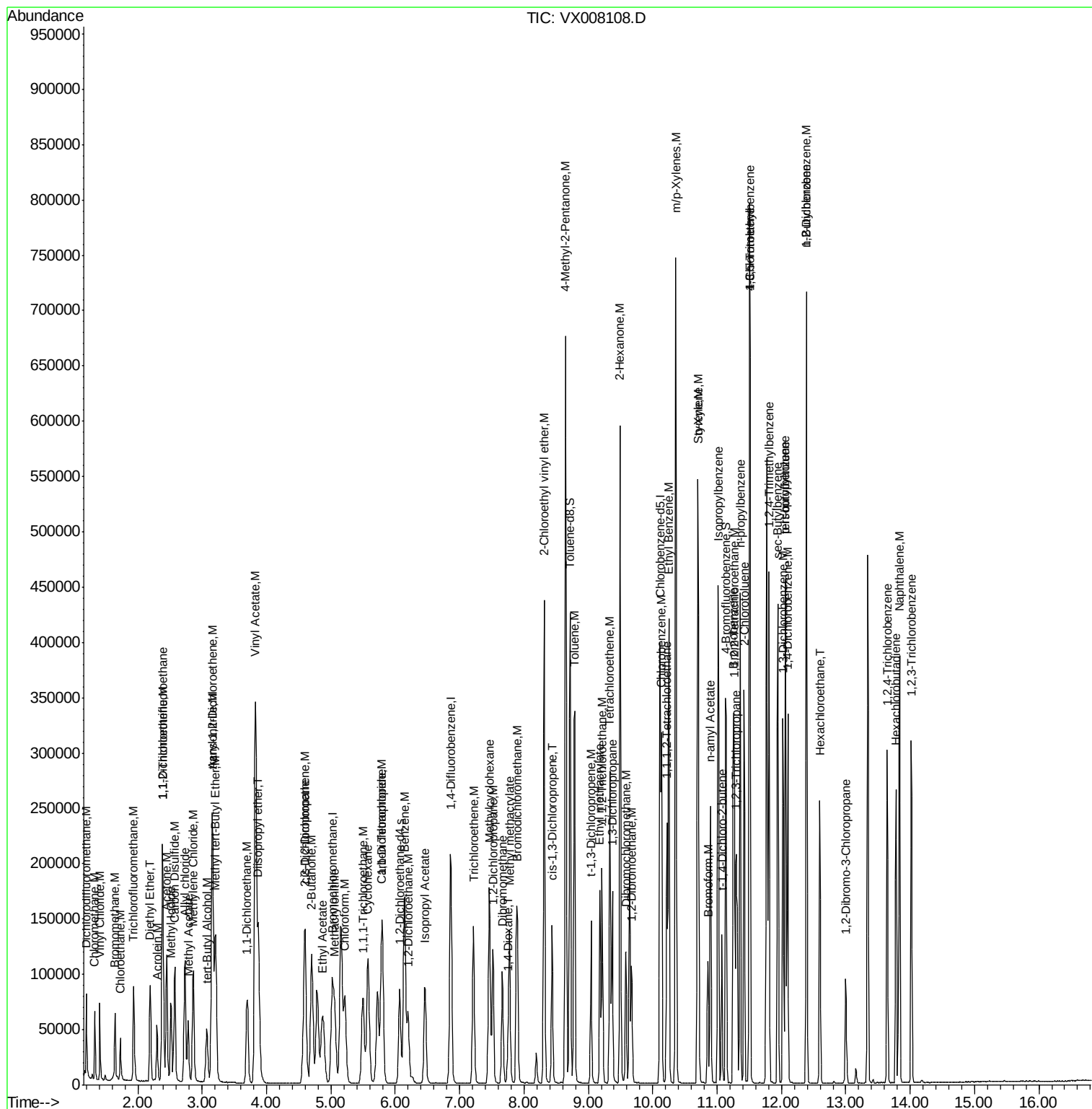
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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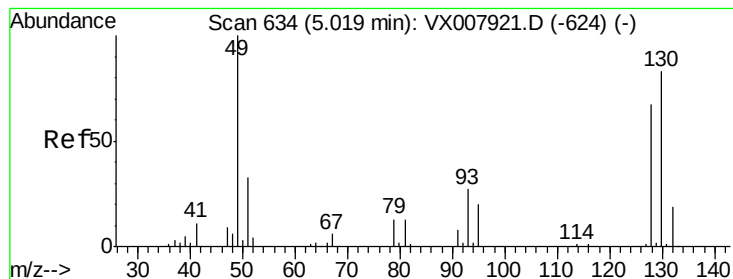
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 16 00:57:19 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X030819W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Mar 08 12:01:36 2019
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. 0.00 min

Lab File: VX008108.D

Acq: 15 Mar 2019 15:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

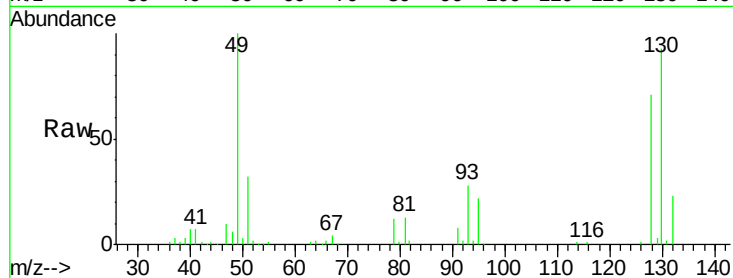
Tot Ion:128 Resp: 41697

Ion Ratio Lower Upper

128 100

49 138.0 0.0 350.8

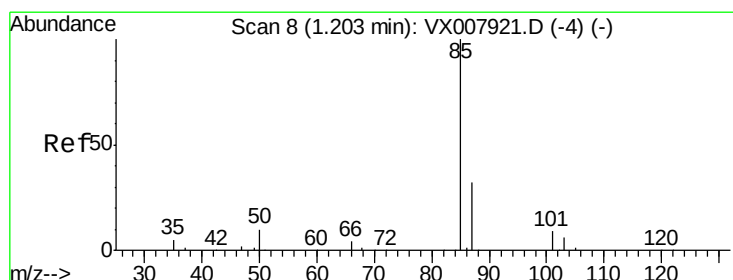
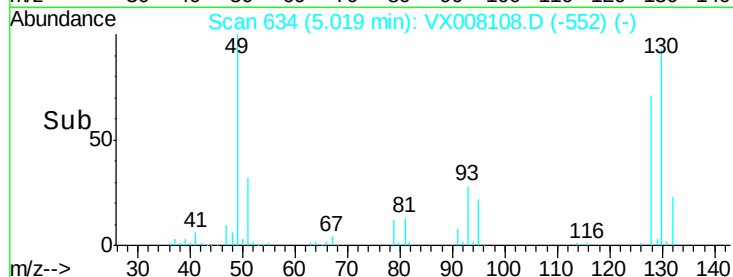
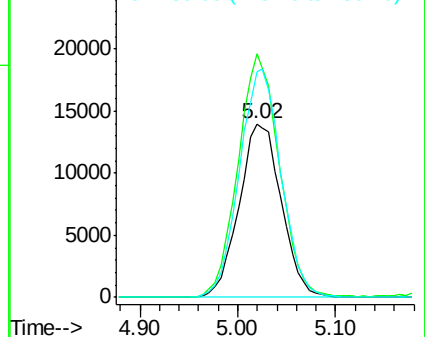
130 129.9 0.0 325.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 17.949 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.00 min

Lab File: VX008108.D

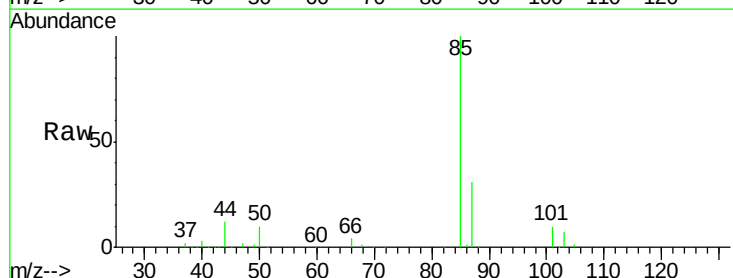
Acq: 15 Mar 2019 15:23

Tgt Ion: 85 Resp: 44430

Ion Ratio Lower Upper

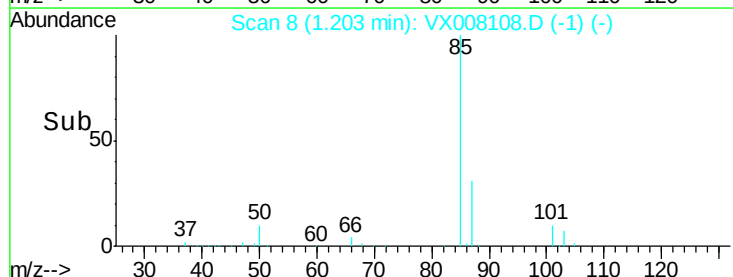
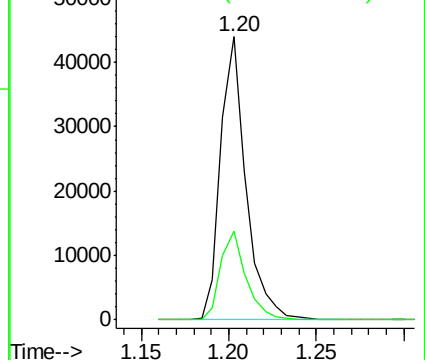
85 100

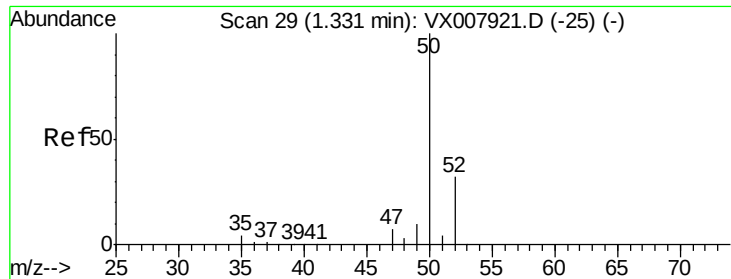
87 31.4 16.6 49.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 14.838 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX008108.D

Acq: 15 Mar 2019 15:23

Instrument :

MSVOA_X

ClientSampleId :

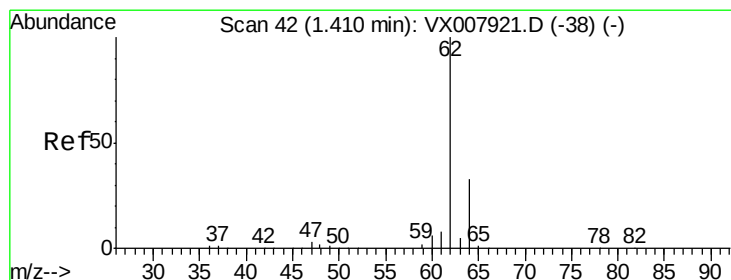
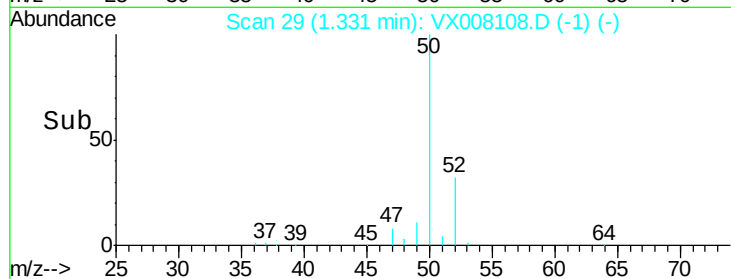
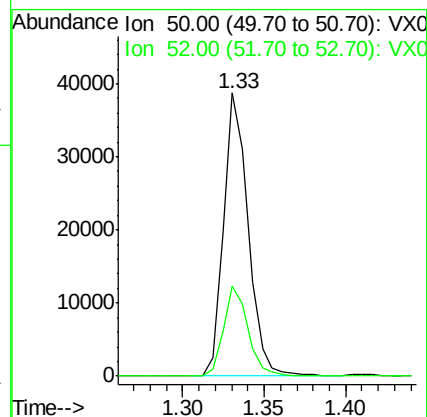
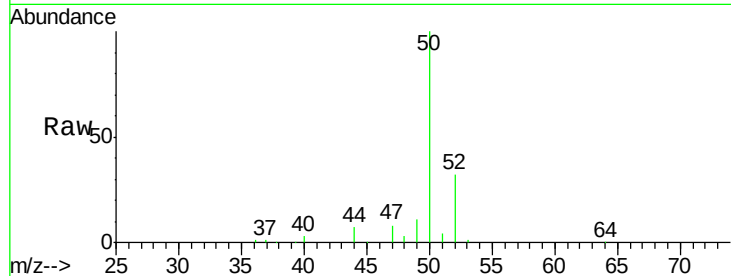
VSTDCCC020EC

Tot Ion: 50 Resp: 40844

Ion Ratio Lower Upper

50 100

52 31.7 27.5 41.3



#4

Vinyl Chloride

Concen: 15.804 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX008108.D

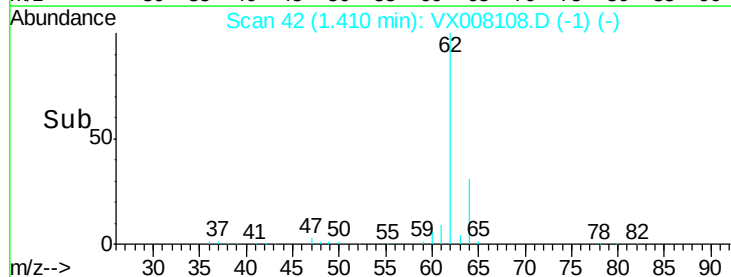
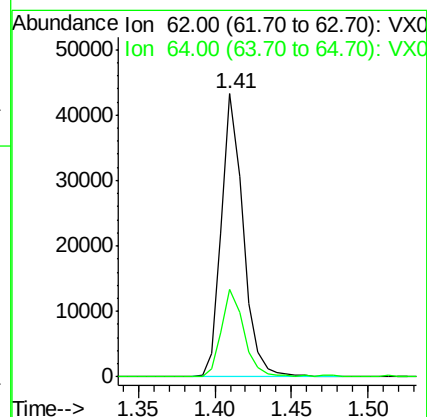
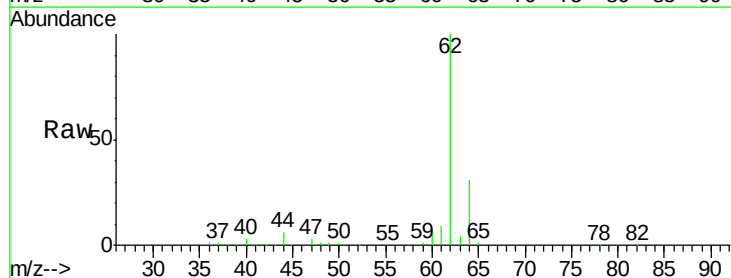
Acq: 15 Mar 2019 15:23

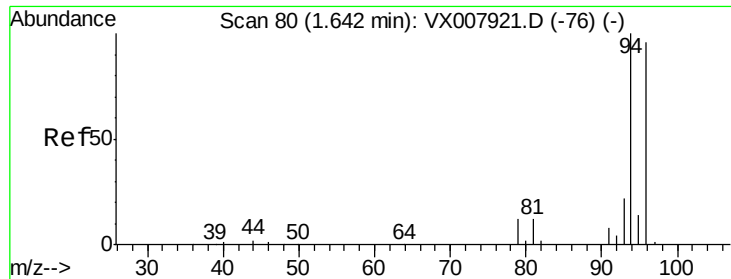
Tgt Ion: 62 Resp: 43091

Ion Ratio Lower Upper

62 100

64 30.5 25.9 38.9

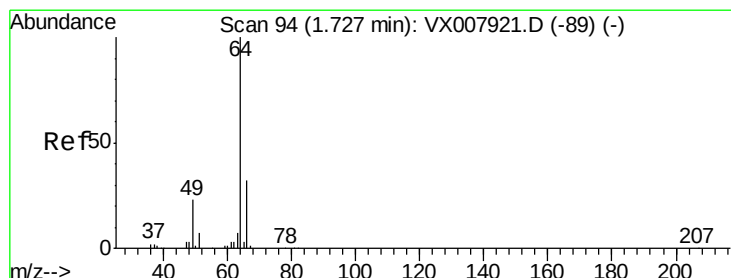
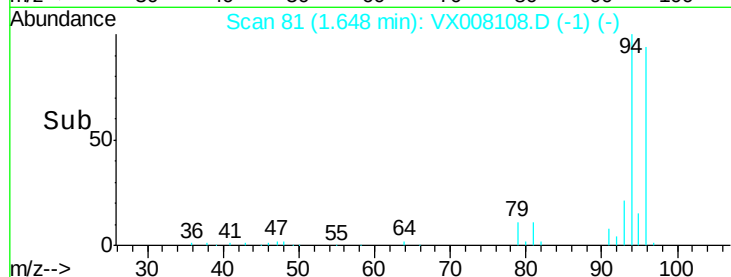
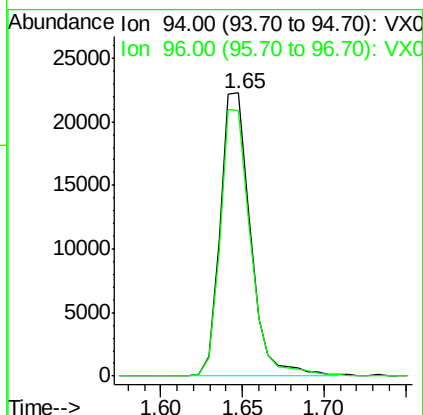
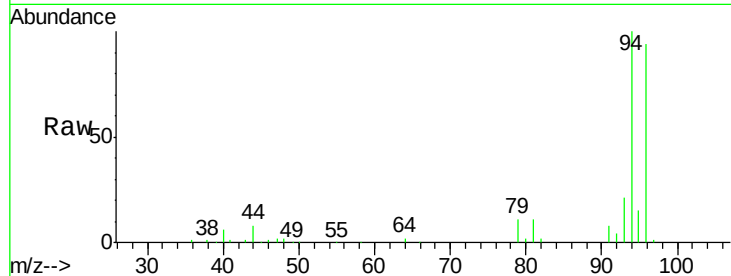




#5
Bromomethane
Concen: 21.211 ug/l
RT: 1.65 min Scan# 81
Delta R.T. 0.01 min
Lab File: VX008108.D
Acq: 15 Mar 2019 15:23

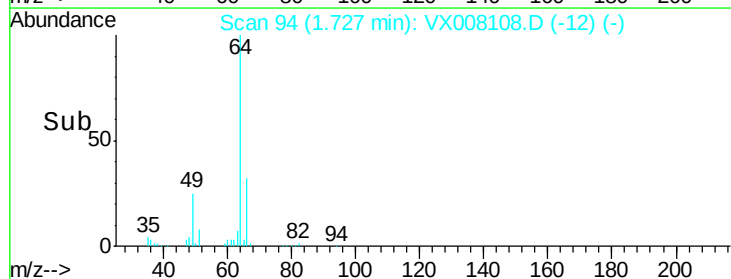
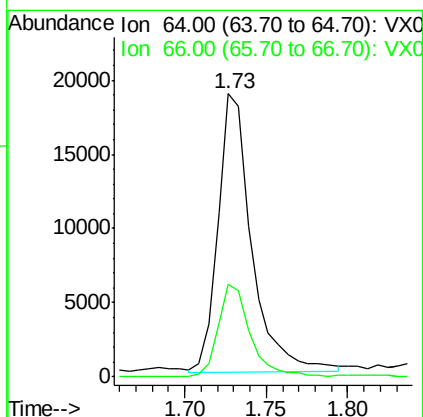
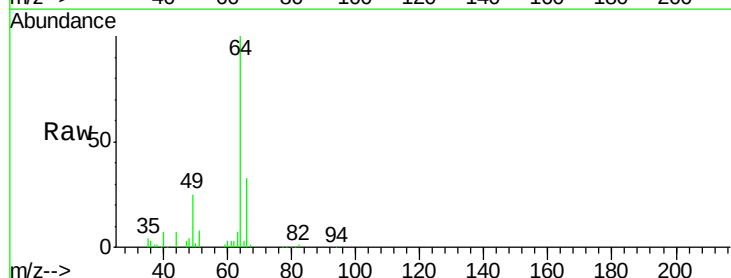
Instrument :
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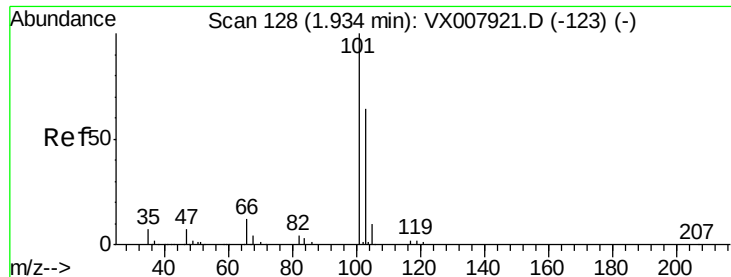
Tot Ion: 94 Resp: 28833
Ion Ratio Lower Upper
94 100
96 93.8 75.6 113.4



#6
Chloroethane
Concen: 17.044 ug/l
RT: 1.73 min Scan# 94
Delta R.T. 0.00 min
Lab File: VX008108.D
Acq: 15 Mar 2019 15:23

Tgt Ion: 64 Resp: 27141
Ion Ratio Lower Upper
64 100
66 33.2 23.9 35.9



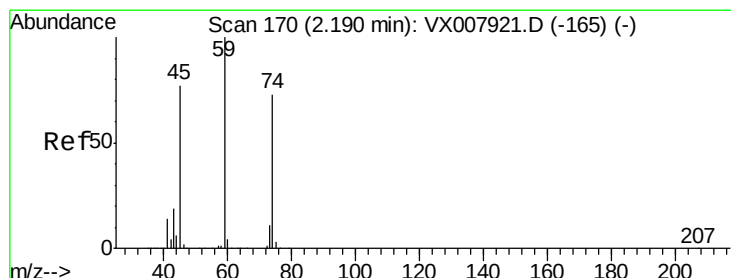
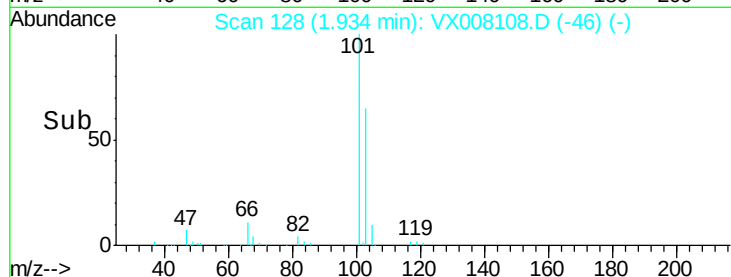
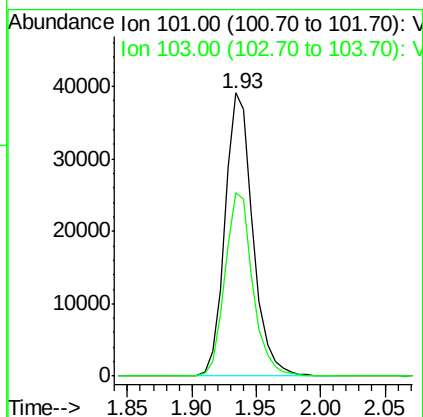
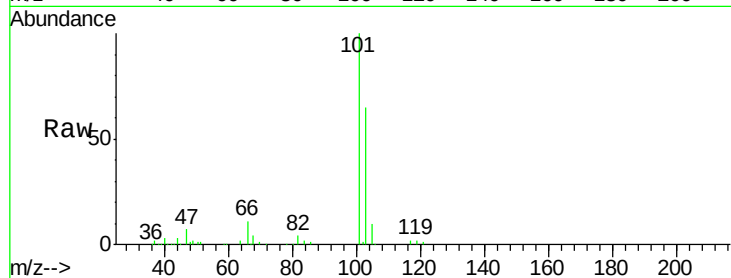


#7

Trichlorofluoromethane
Concen: 17.493 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.00 min
Lab File: VX008108.D
Acq: 15 Mar 2019 15:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

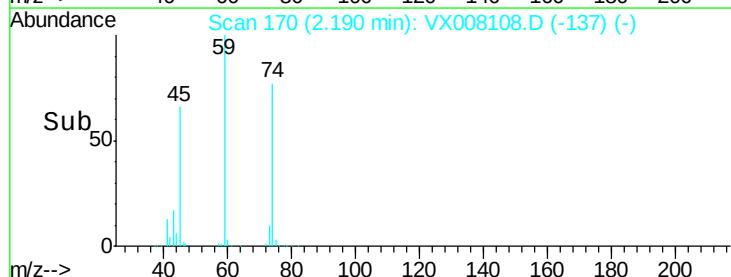
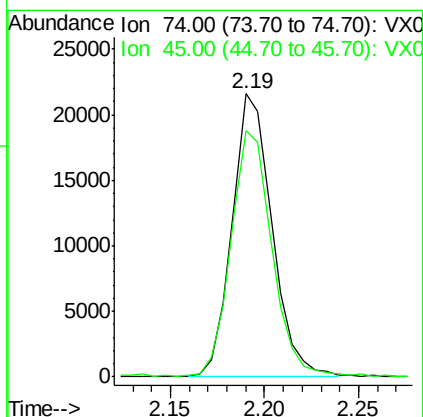
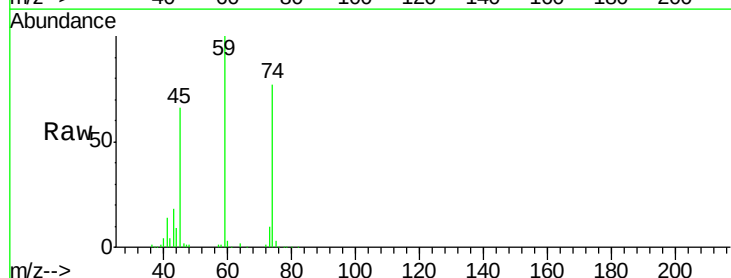
Tot Ion:101 Resp: 59394
Ion Ratio Lower Upper
101 100
103 64.9 50.4 75.6

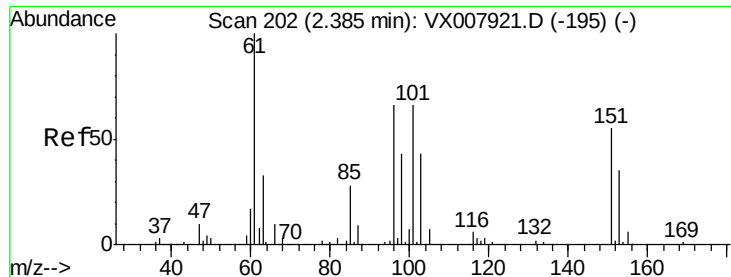


#8

Diethyl Ether
Concen: 18.181 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX008108.D
Acq: 15 Mar 2019 15:23

Tgt Ion: 74 Resp: 31790
Ion Ratio Lower Upper
74 100
45 88.9 18.6 167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.790 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX008108.D

Acq: 15 Mar 2019 15:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

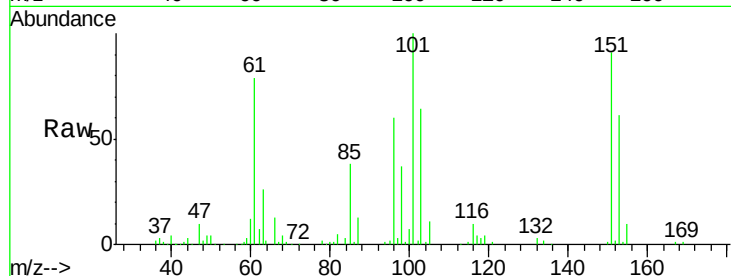
Tot Ion:101 Resp: 47965

Ion Ratio Lower Upper

101 100

85 39.5 0.0 86.8

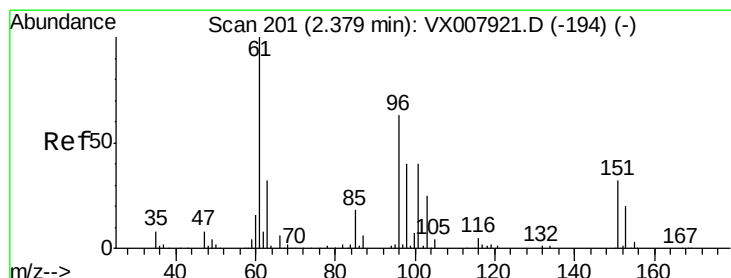
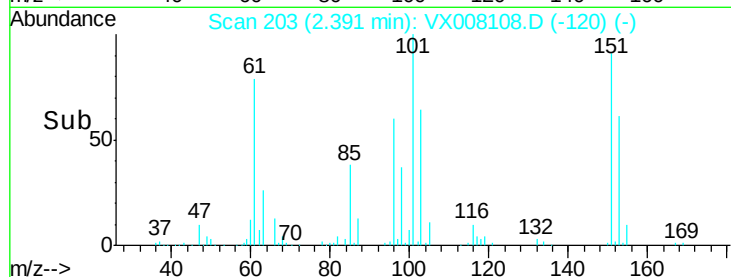
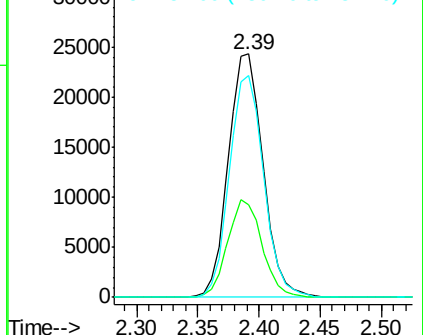
151 90.0 0.0 169.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 18.849 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX008108.D

Acq: 15 Mar 2019 15:23

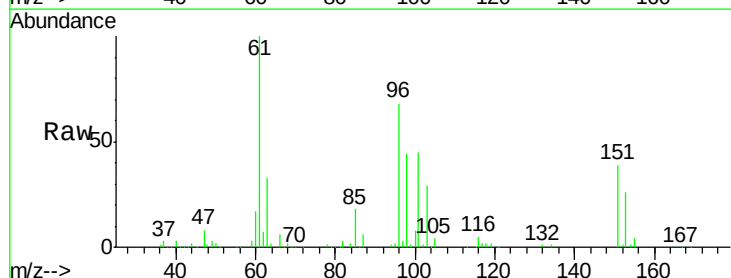
Tgt Ion: 96 Resp: 45607

Ion Ratio Lower Upper

96 100

61 147.1 120.2 180.2

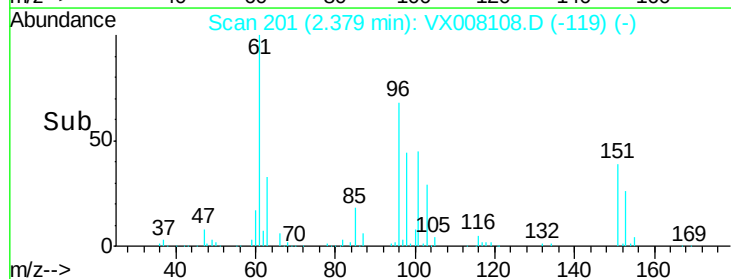
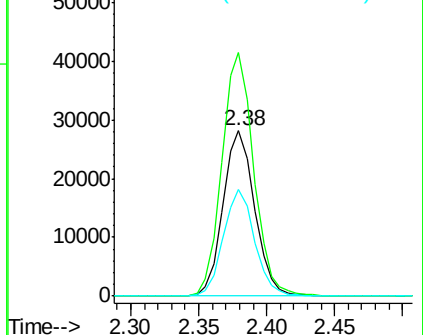
98 64.7 49.0 73.4

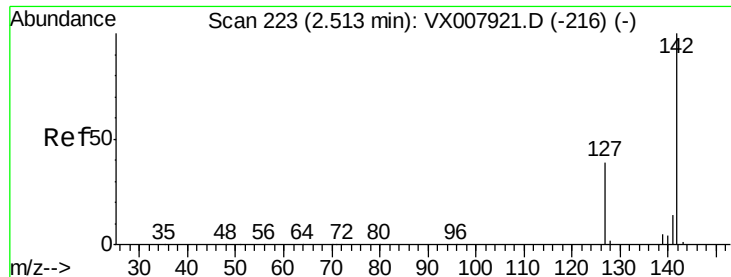


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

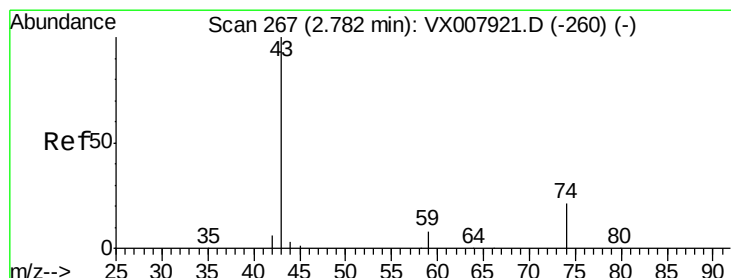
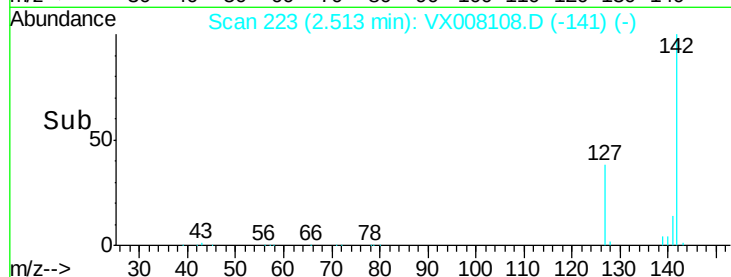
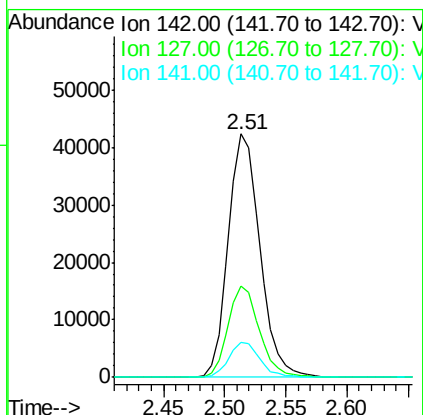
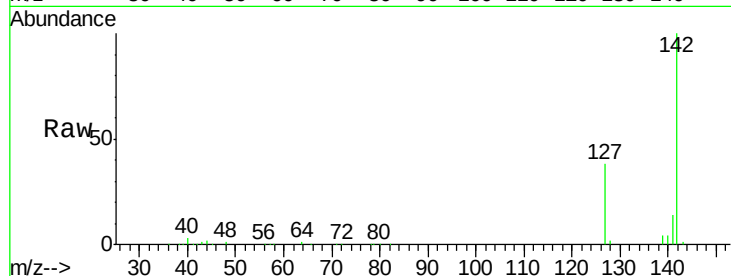




#11
Methvl Iodide
Concen: 20.041 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.00 min
Lab File: VX008108.D
Acq: 15 Mar 2019 15:23

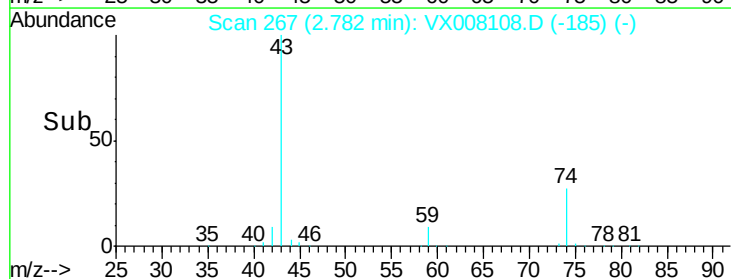
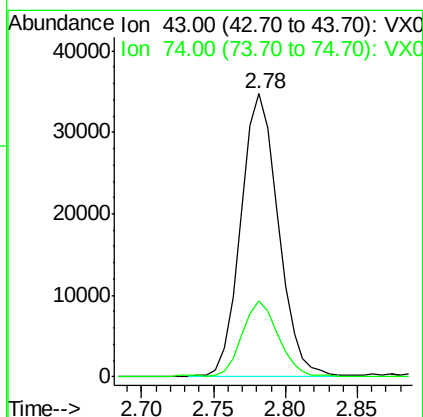
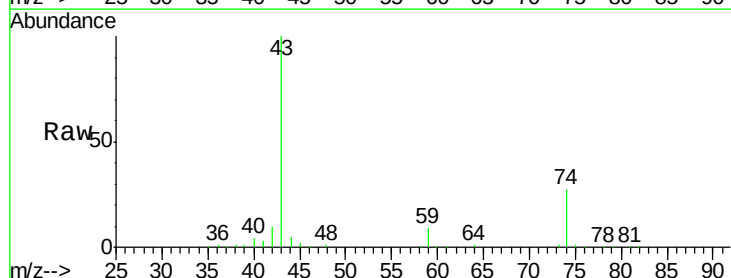
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

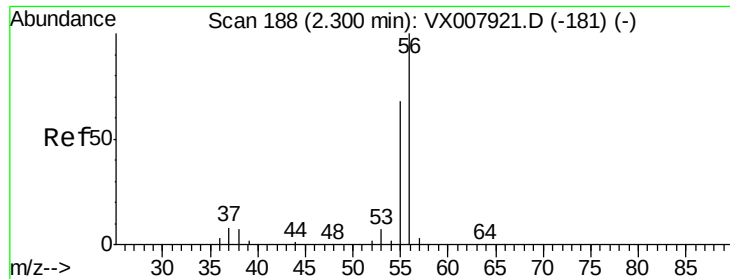
Tot Ion:142 Resp: 75907
Ion Ratio Lower Upper
142 100
127 37.7 22.1 66.5
141 14.5 7.4 22.3



#12
Methyl Acetate
Concen: 16.291 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX008108.D
Acq: 15 Mar 2019 15:23

Tgt Ion: 43 Resp: 62340
Ion Ratio Lower Upper
43 100
74 26.5 19.4 29.0





#13

Acrolein

Concen: 83.957 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX008108.D

Acq: 15 Mar 2019 15:23

Instrument :

MSVOA_X

ClientSampleId :

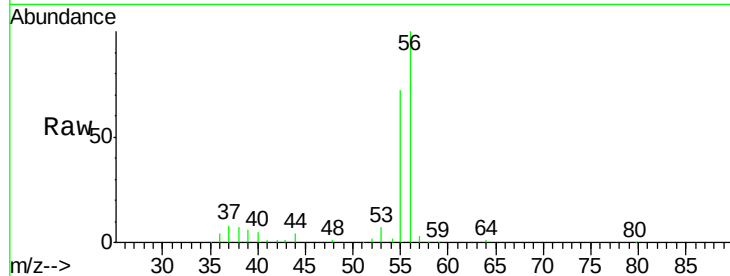
VSTDCCC020EC

Tot Ion: 56 Resp: 37691

Ion Ratio Lower Upper

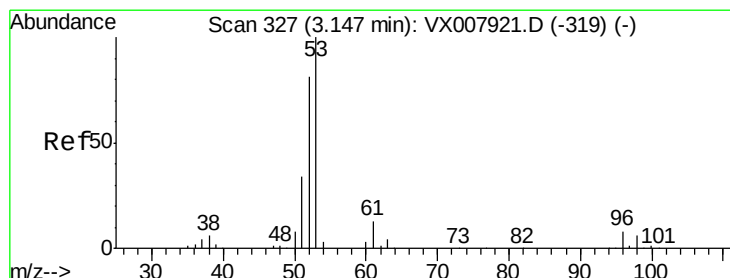
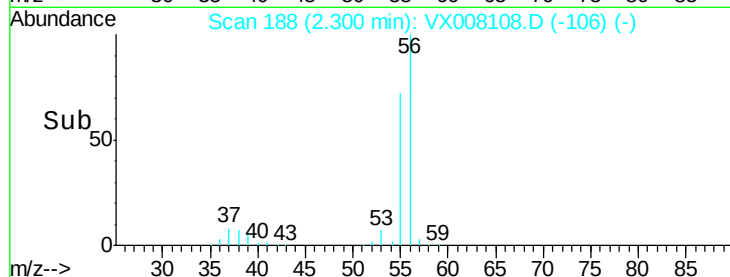
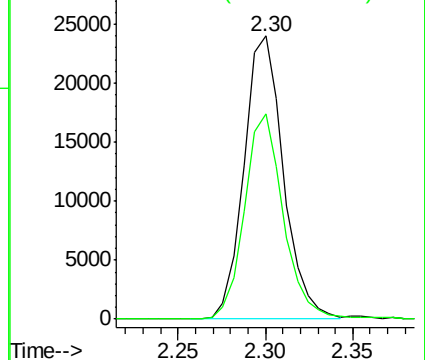
56 100

55 69.8 58.6 87.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 87.374 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX008108.D

Acq: 15 Mar 2019 15:23

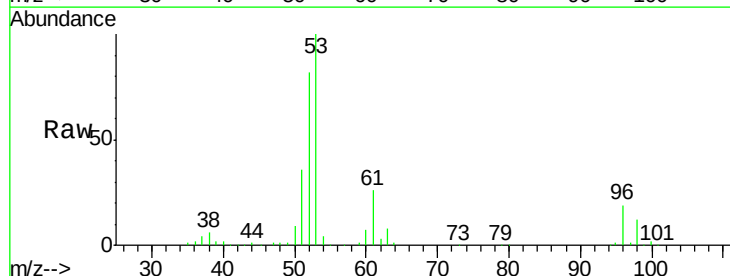
Tgt Ion: 53 Resp: 141929

Ion Ratio Lower Upper

53 100

52 82.9 41.3 124.1

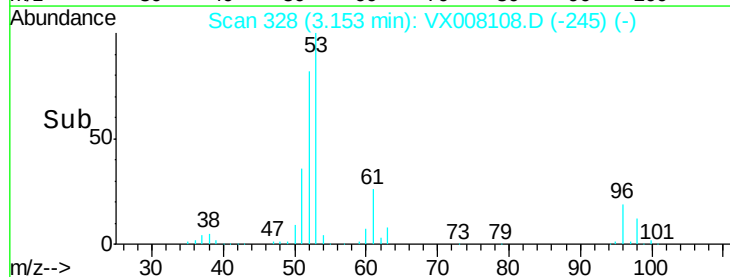
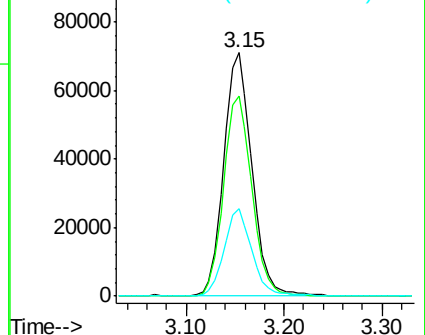
51 35.8 17.5 52.6

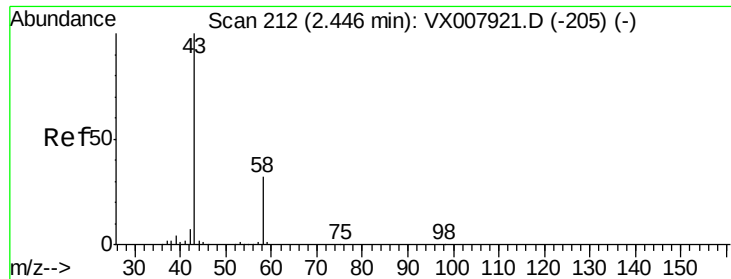


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 70.035 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX008108.D

Acq: 15 Mar 2019 15:23

Instrument :

MSVOA_X

ClientSampleId :

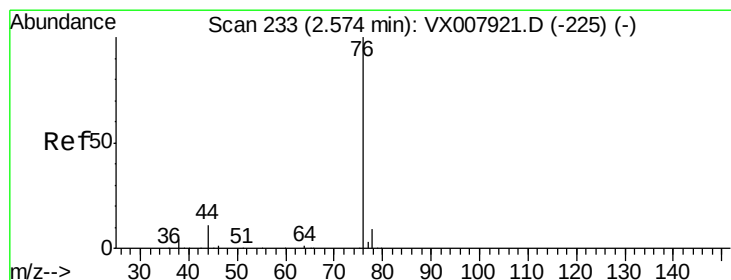
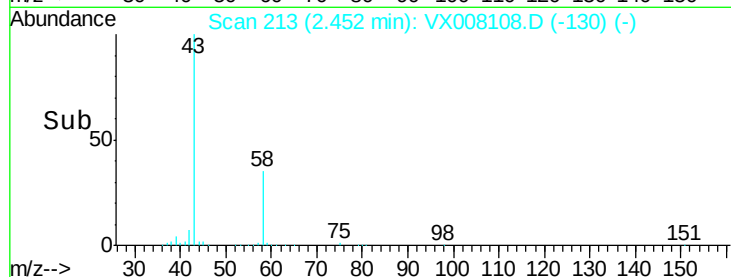
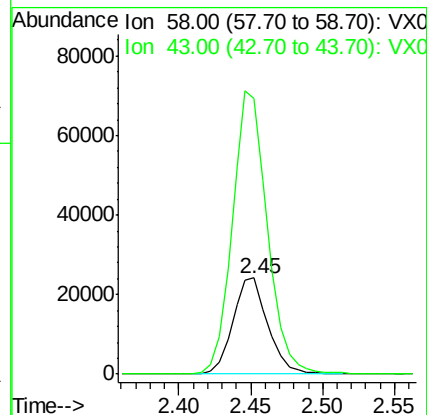
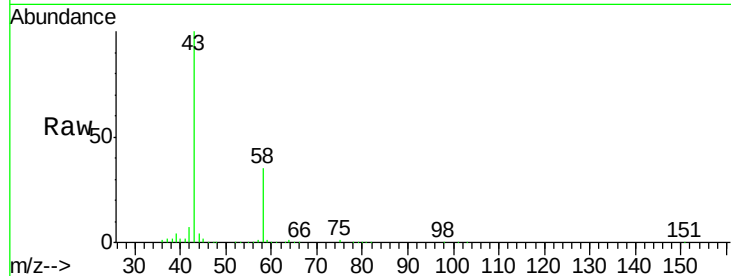
VSTDCCC020EC

Tot Ion: 58 Resp: 41073

Ion Ratio Lower Upper

58 100

43 286.0 249.8 374.6



#16

Carbon Disulfide

Concen: 17.144 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX008108.D

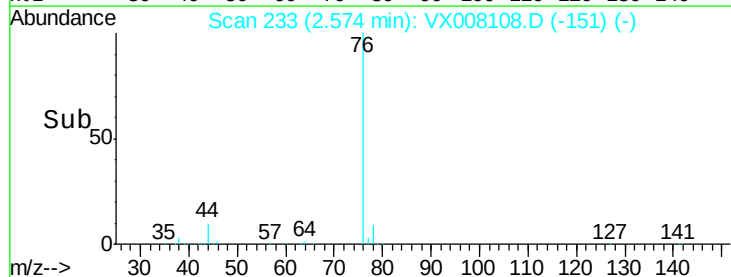
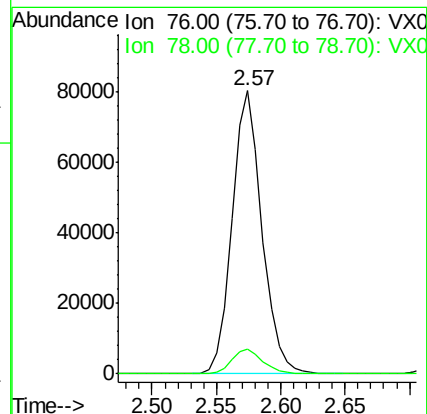
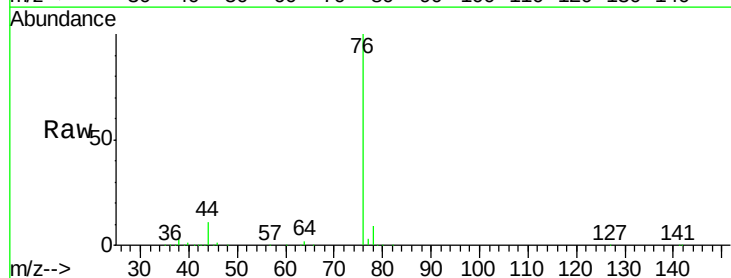
Acq: 15 Mar 2019 15:23

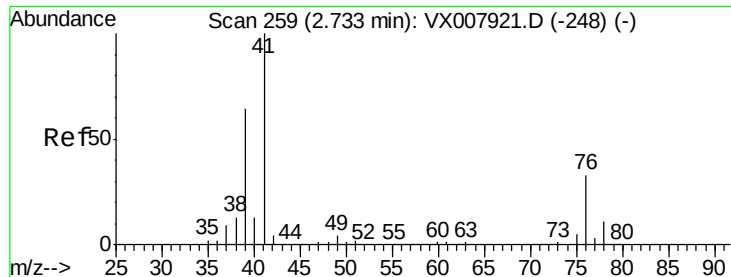
Tgt Ion: 76 Resp: 130144

Ion Ratio Lower Upper

76 100

78 8.8 7.5 11.3

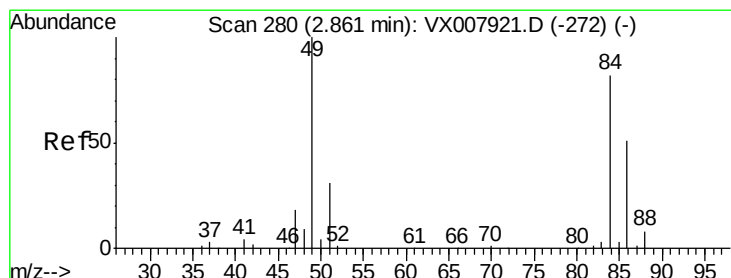
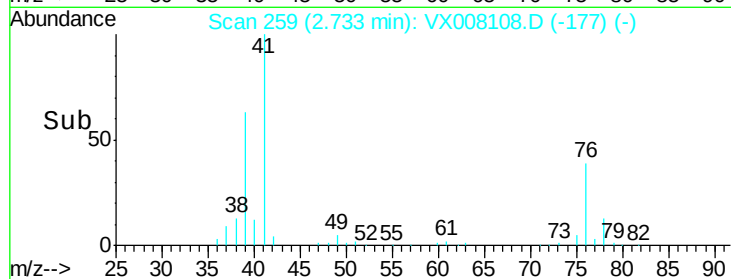
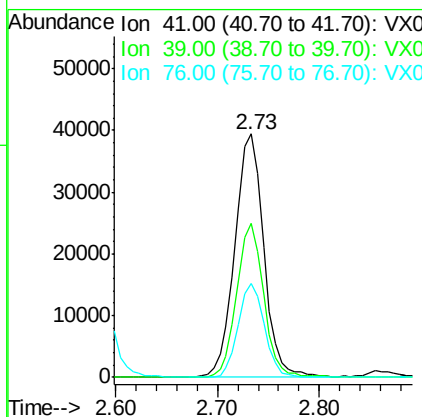
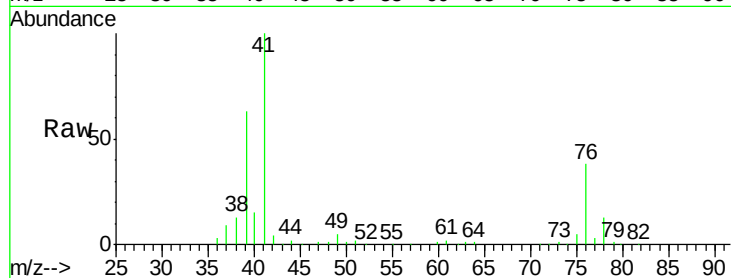




#17
Allvl chloride
Concen: 15.535 ug/l
RT: 2.73 min Scan# 259
Delta R.T. 0.00 min
Lab File: VX008108.D
Acq: 15 Mar 2019 15:23

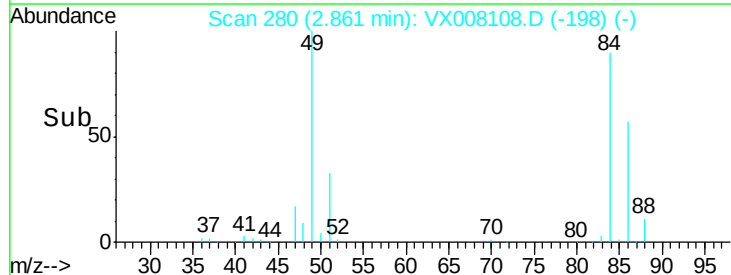
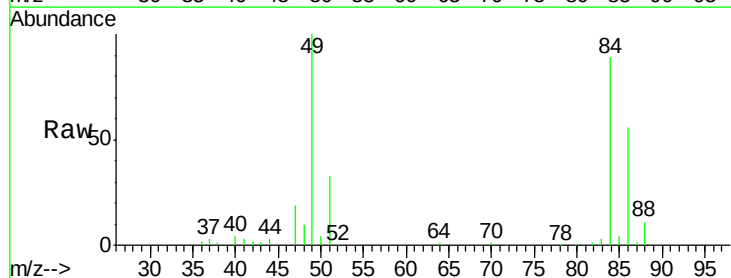
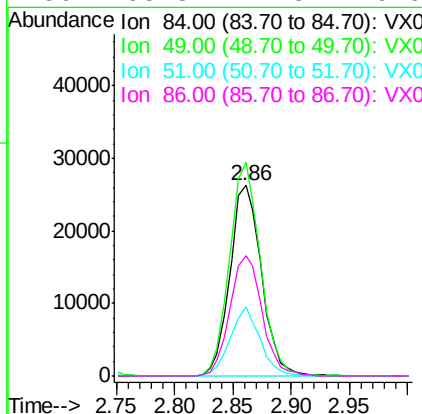
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

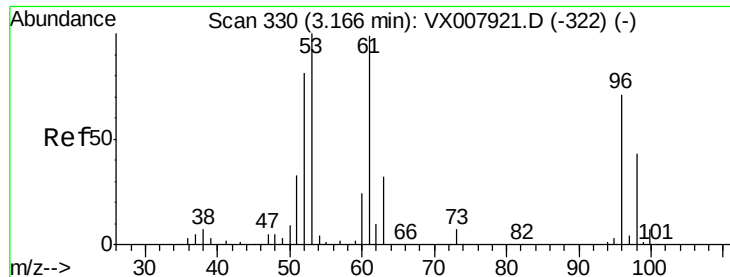
Tot Ion: 41 Resp: 77063
Ion Ratio Lower Upper
41 100
39 63.2 35.8 107.4
76 38.5 18.3 54.9



#18
Methylene Chloride
Concen: 18.038 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX008108.D
Acq: 15 Mar 2019 15:23

Tgt Ion: 84 Resp: 49719
Ion Ratio Lower Upper
84 100
49 112.3 96.1 144.1
51 36.5 29.1 43.7
86 63.3 47.3 70.9





#19

trans-1,2-Dichloroethene

Concen: 18.893 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX008108.D

Acq: 15 Mar 2019 15:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

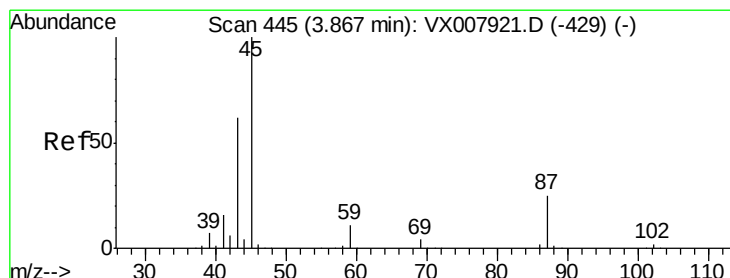
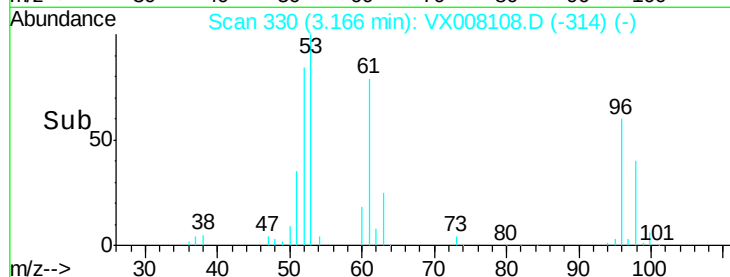
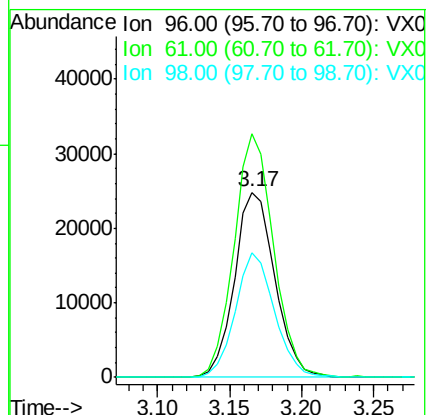
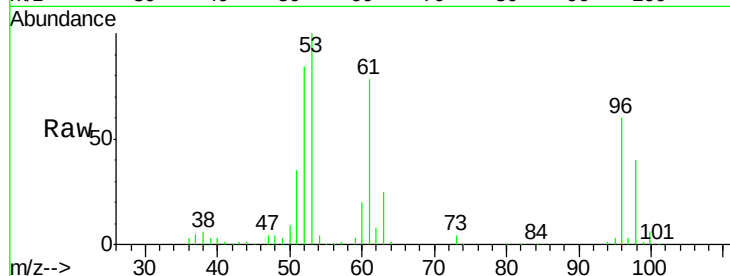
Tot Ion: 96 Resp: 48368

Ion Ratio Lower Upper

96 100

61 131.3 109.9 164.9

98 67.0 50.4 75.6



#20

Diisopropyl ether

Concen: 17.458 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX008108.D

Acq: 15 Mar 2019 15:23

Tgt Ion: 45 Resp: 158425

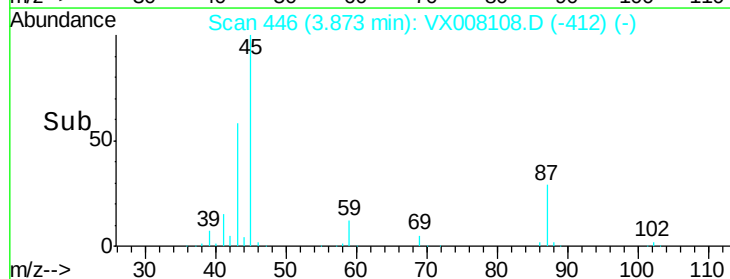
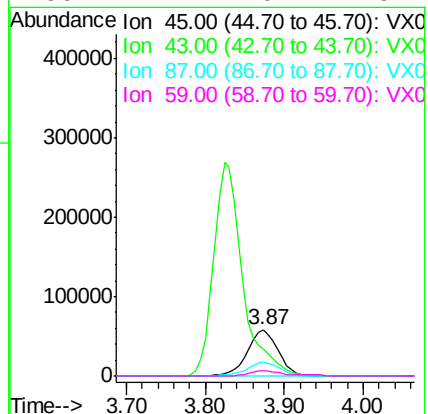
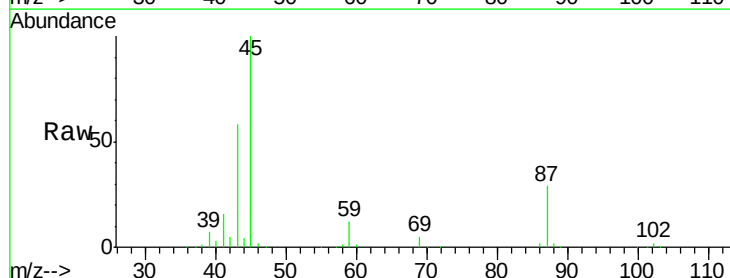
Ion Ratio Lower Upper

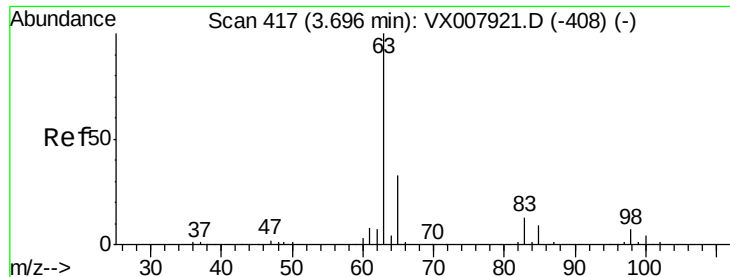
45 100

43 57.4 50.6 76.0

87 29.4 24.5 36.7

59 12.2 10.2 15.2

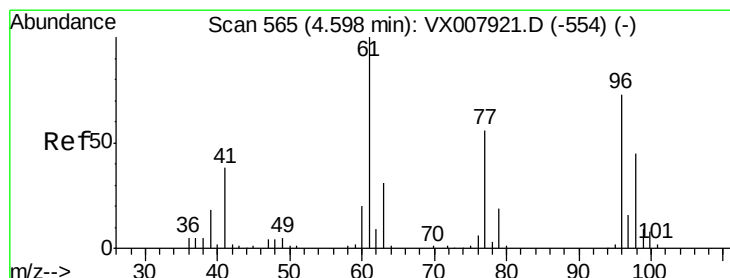
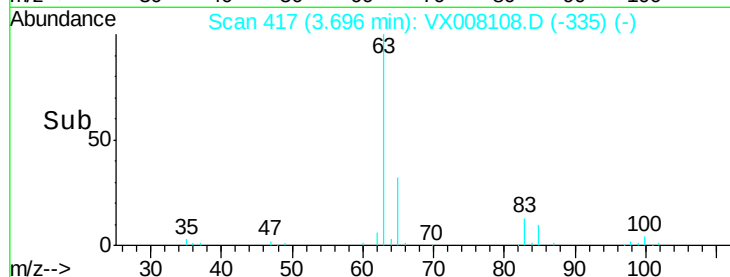
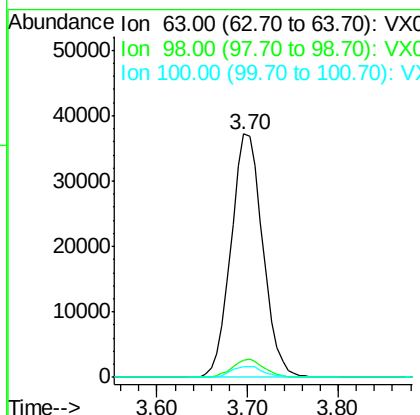
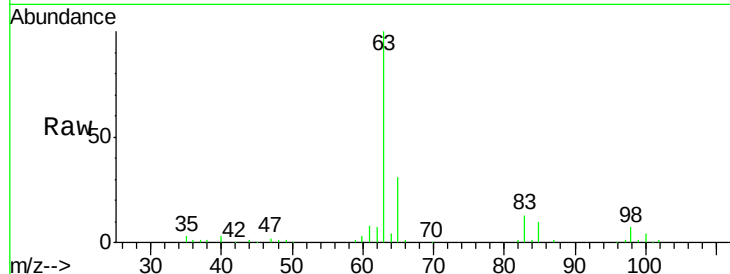




#21
 1,1-Dichloroethane
 Concen: 18.343 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: VX008108.D
 Acq: 15 Mar 2019 15:23

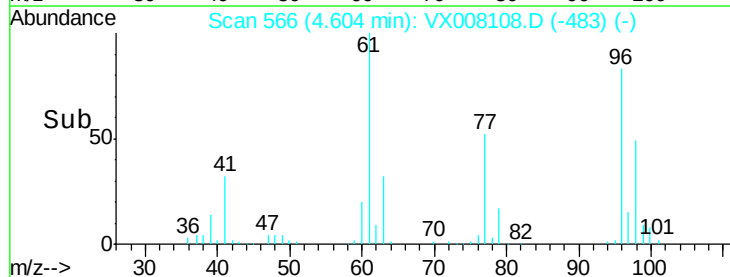
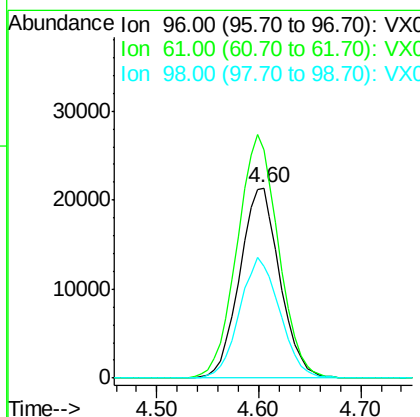
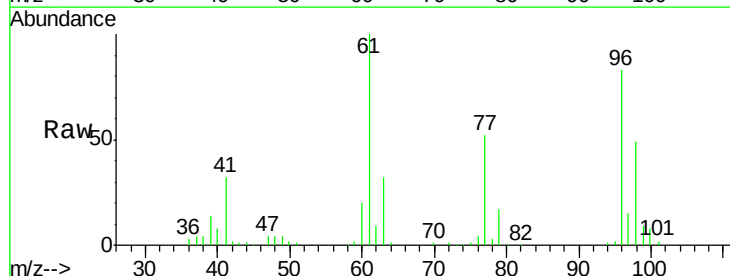
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

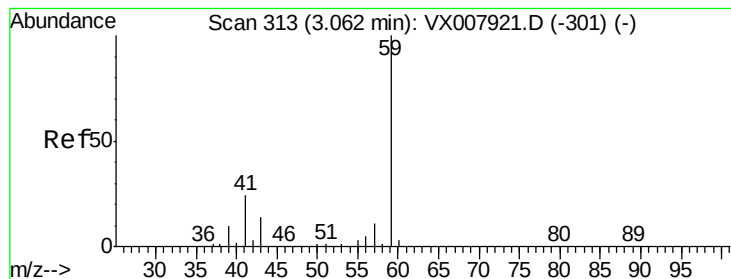
Tot Ion: 63 Resp: 90534
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.8 11.4
 100 4.3 2.4 7.1



#22
 cis-1,2-Dichloroethene
 Concen: 19.810 ug/l
 RT: 4.60 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: VX008108.D
 Acq: 15 Mar 2019 15:23

Tgt Ion: 96 Resp: 58501
 Ion Ratio Lower Upper
 96 100
 61 131.7 103.5 155.3
 98 63.3 52.1 78.1



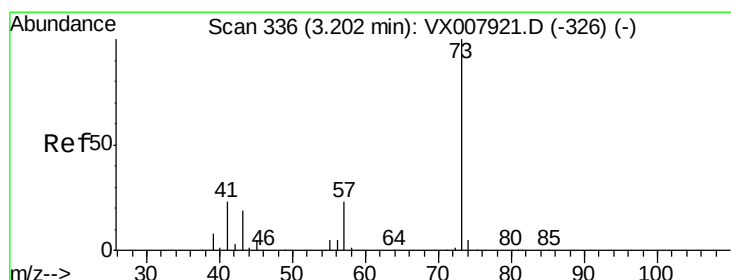
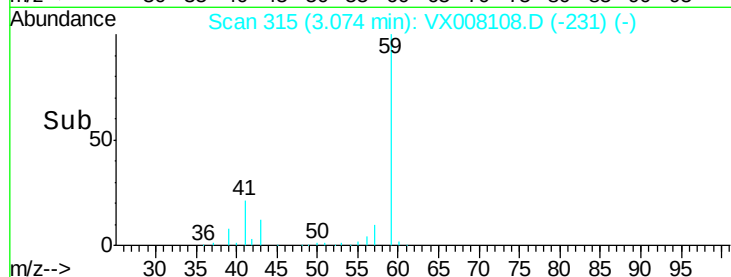
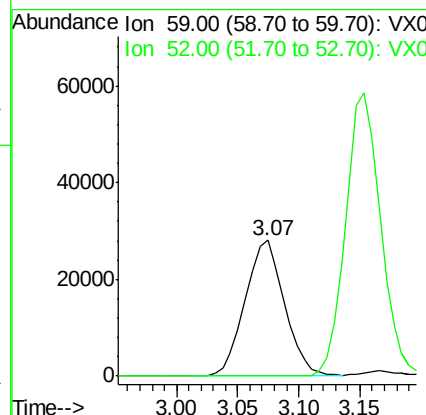
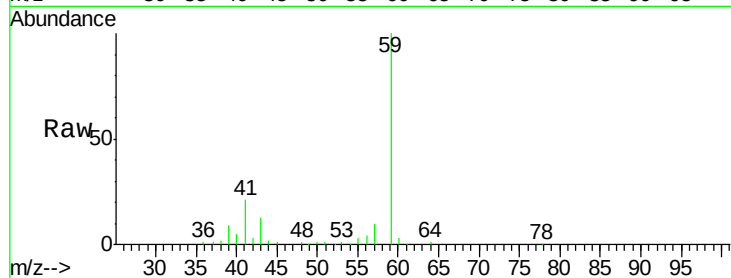


#23

tert-Butyl Alcohol
 Concen: 96.495 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. 0.01 min
 Lab File: VX008108.D
 Acq: 15 Mar 2019 15:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

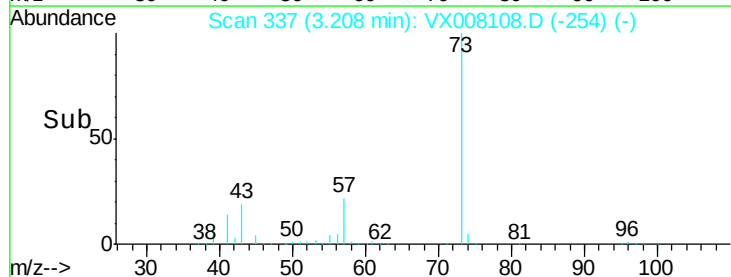
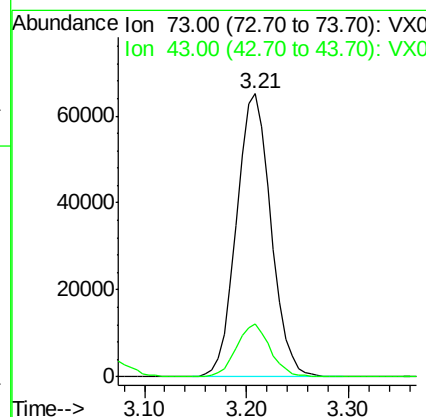
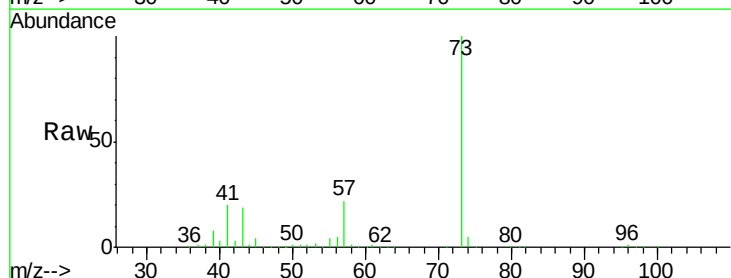
Tot Ion: 59 Resp: 63236
 Ion Ratio Lower Upper
 59 100
 52 0.3 0.2 0.2#

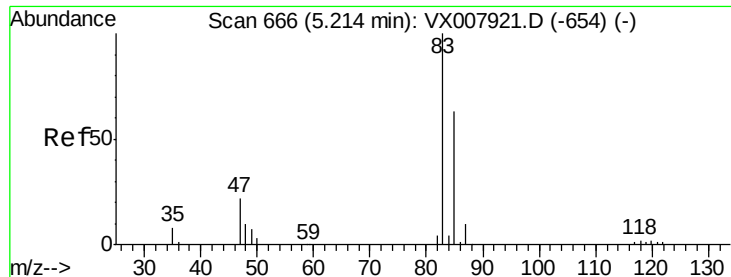


#24

Methyl tert-Butyl Ether
 Concen: 18.325 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX008108.D
 Acq: 15 Mar 2019 15:23

Tgt Ion: 73 Resp: 152447
 Ion Ratio Lower Upper
 73 100
 43 18.3 17.1 25.7





#25

Chloroform

Concen: 19.364 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX008108.D

Acq: 15 Mar 2019 15:23

Instrument :

MSVOA_X

ClientSampleId :

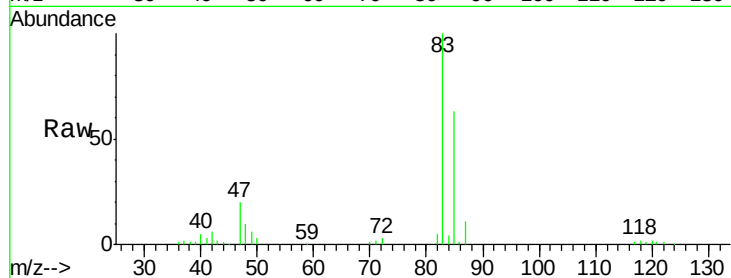
VSTDCCC020EC

Tot Ion: 83 Resp: 90207

Ion Ratio Lower Upper

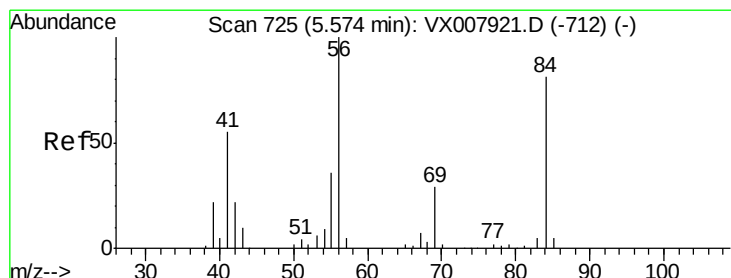
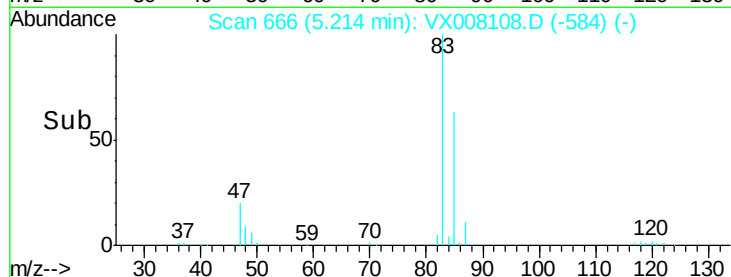
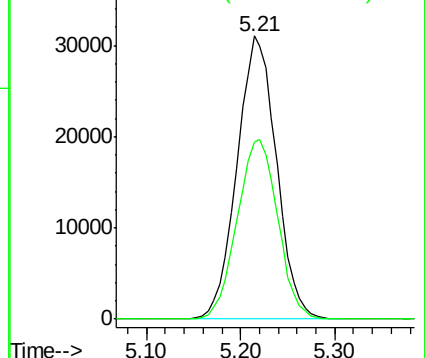
83 100

85 62.7 53.8 80.6



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 17.404 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX008108.D

Acq: 15 Mar 2019 15:23

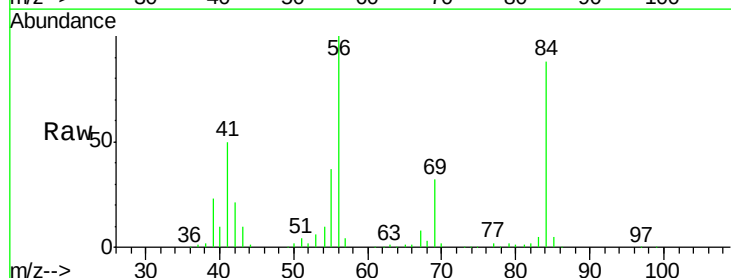
Tgt Ion: 56 Resp: 79373

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

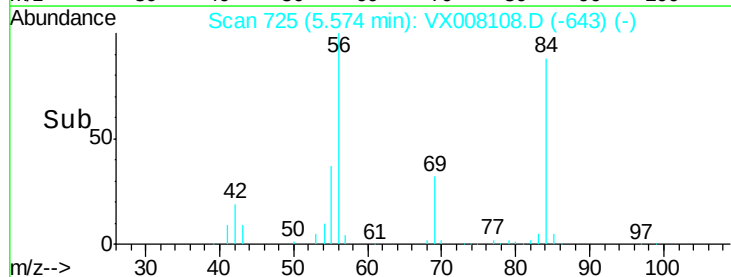
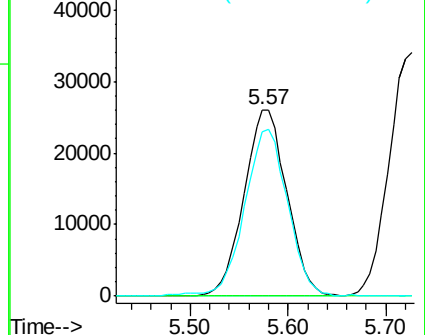
84 89.1 73.9 110.9

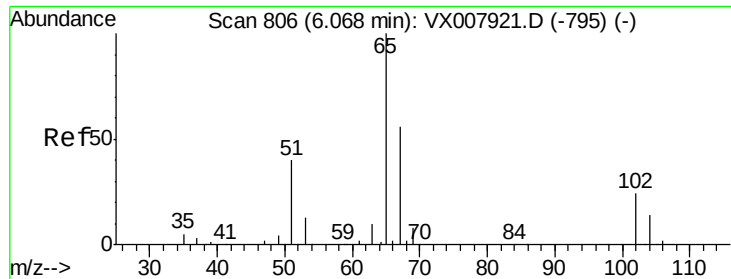


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

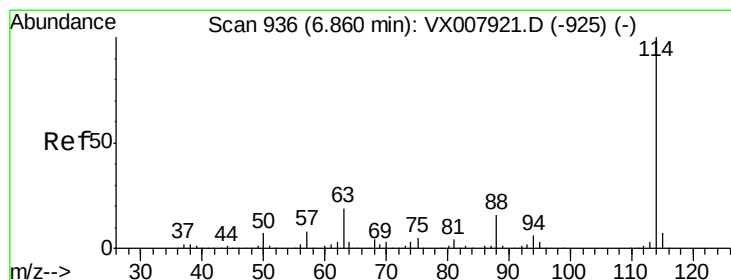
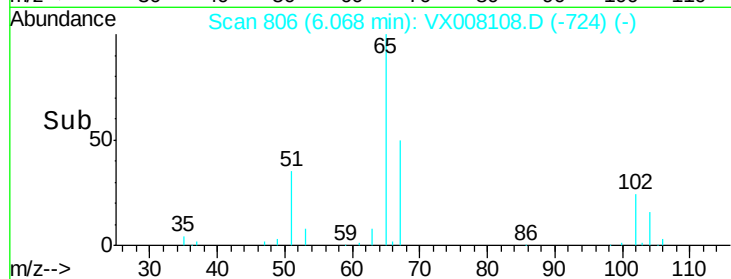
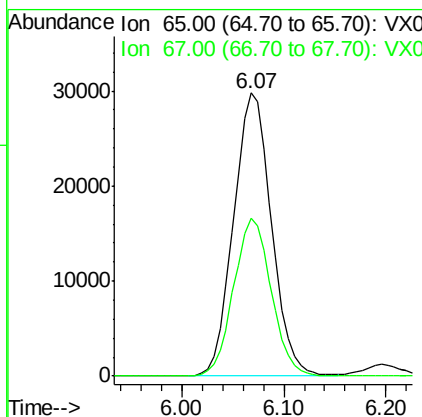
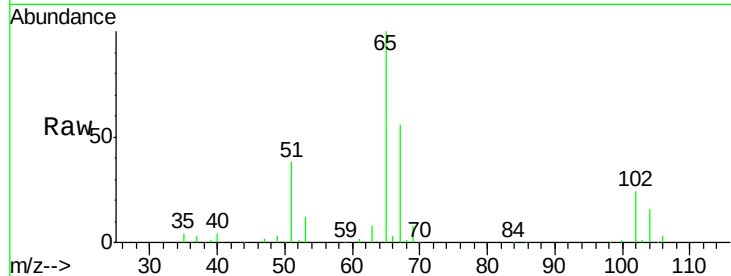




#27
 1,2-Dichloroethane-d4
 Concen: 28.048 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX008108.D
 Acq: 15 Mar 2019 15:23

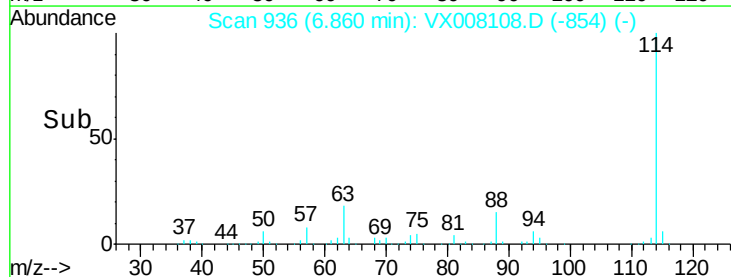
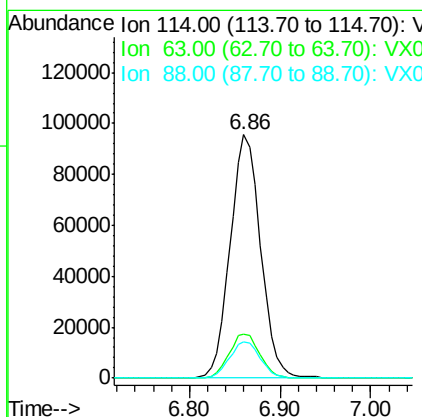
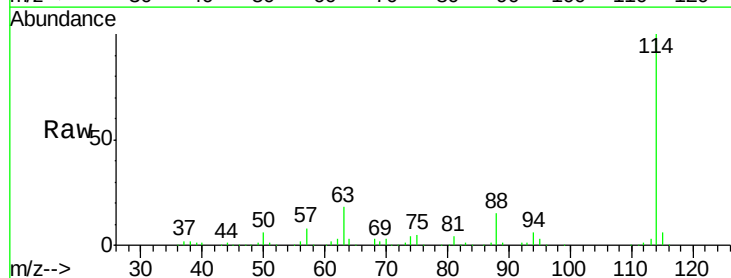
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

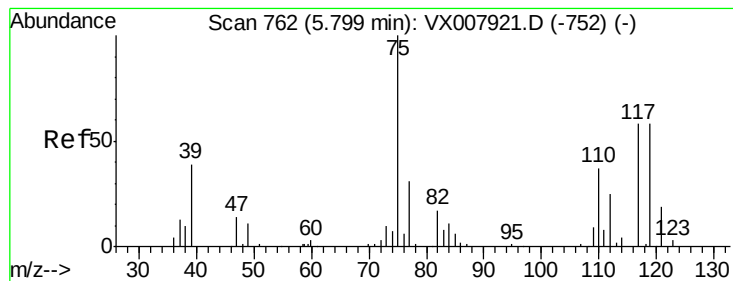
Tot Ion: 65 Resp: 76871
 Ion Ratio Lower Upper
 65 100
 67 55.1 42.9 64.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008108.D
 Acq: 15 Mar 2019 15:23

Tgt Ion: 114 Resp: 222716
 Ion Ratio Lower Upper
 114 100
 63 18.5 14.2 21.4
 88 15.1 11.9 17.9





#29

1,1-Dichloropropene

Concen: 18.845 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX008108.D

Acq: 15 Mar 2019 15:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

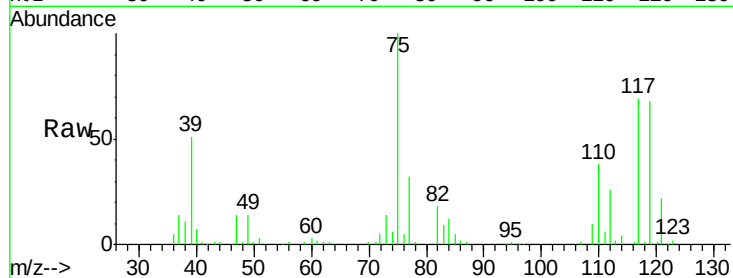
Tot Ion: 75 Resp: 66547

Ion Ratio Lower Upper

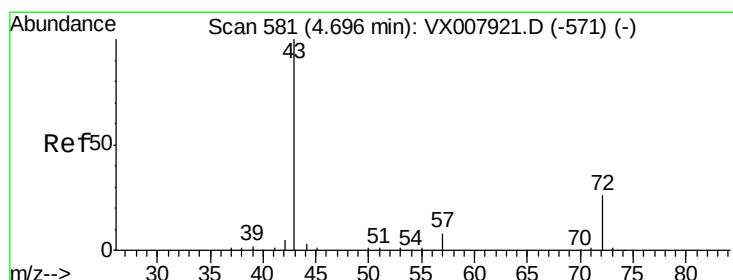
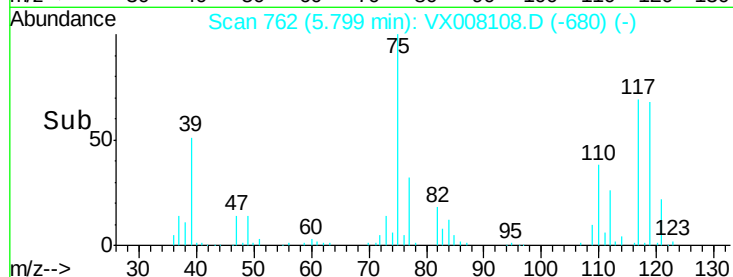
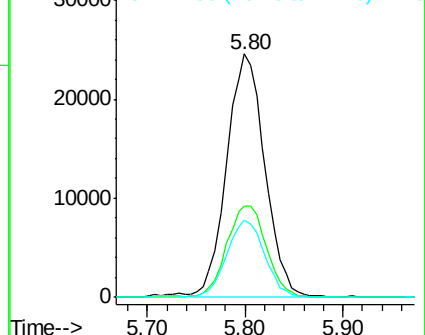
75 100

110 39.2 0.0 80.8

77 31.6 0.0 62.4



Abundance Ion 75.00 (74.70 to 75.70): VX0
Ion 110.00 (109.70 to 110.70): V
Ion 77.00 (76.70 to 77.70): VX0



#30

2-Butanone

Concen: 87.241 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX008108.D

Acq: 15 Mar 2019 15:23

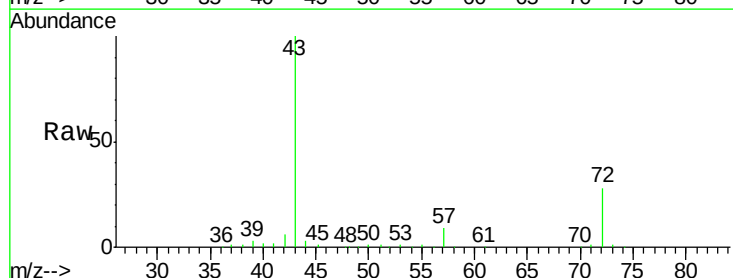
Tgt Ion: 43 Resp: 207788

Ion Ratio Lower Upper

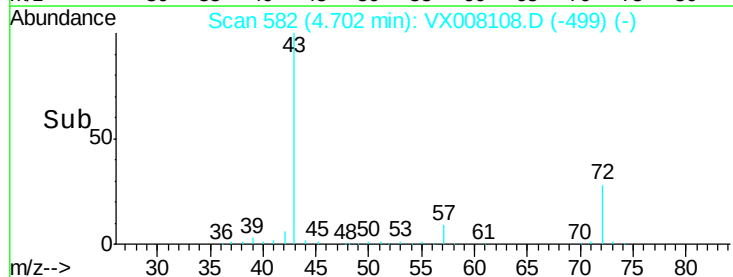
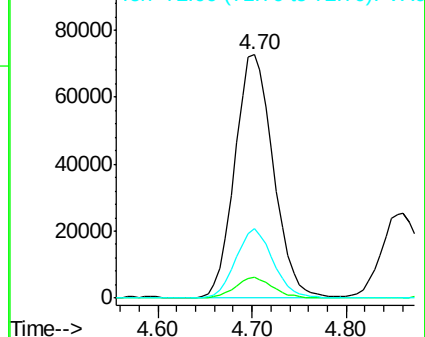
43 100

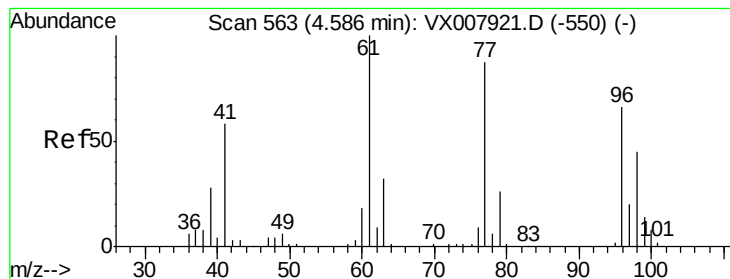
57 8.3 7.0 10.6

72 27.7 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 57.00 (56.70 to 57.70): VX0
Ion 72.00 (71.70 to 72.70): VX0





#31

2,2-Dichloropropane

Concen: 18.993 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX008108.D

Acq: 15 Mar 2019 15:23

Instrument :

MSVOA_X

ClientSampleId :

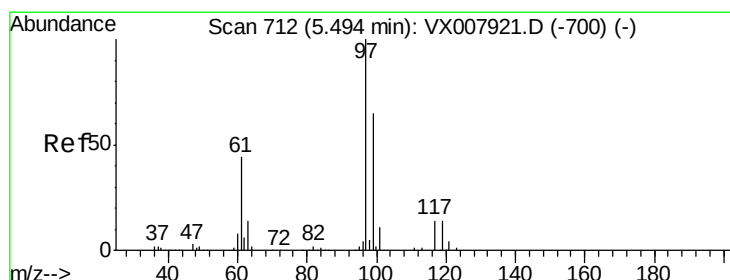
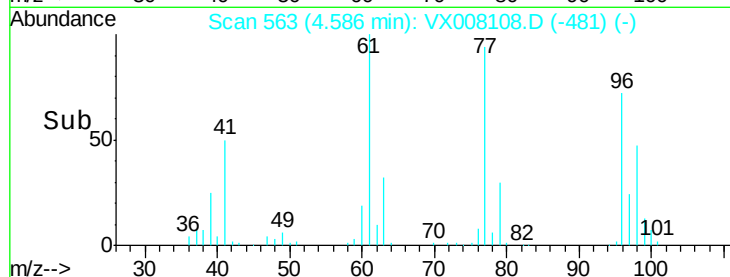
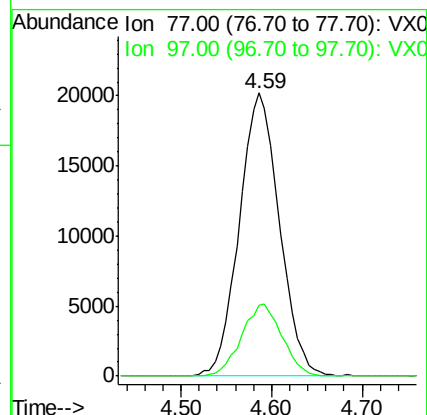
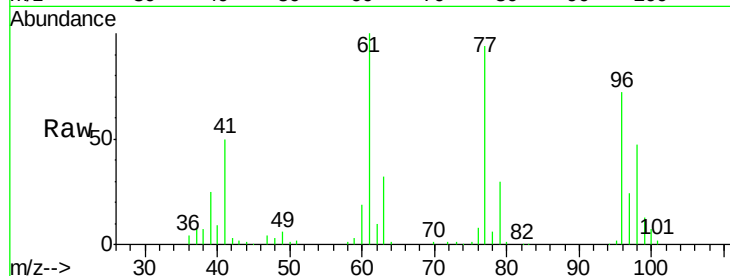
VSTDCCC020EC

Tot Ion: 77 Resp: 61949

Ion Ratio Lower Upper

77 100

97 25.6 20.6 31.0



#32

1,1,1-Trichloroethane

Concen: 20.255 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX008108.D

Acq: 15 Mar 2019 15:23

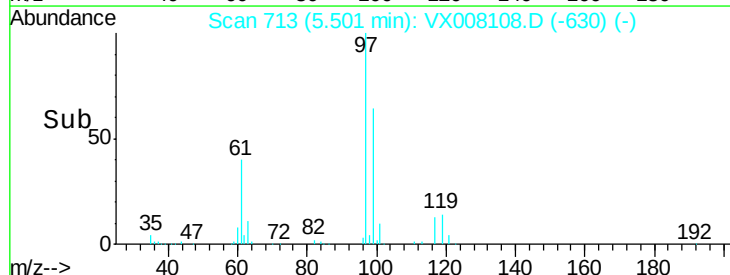
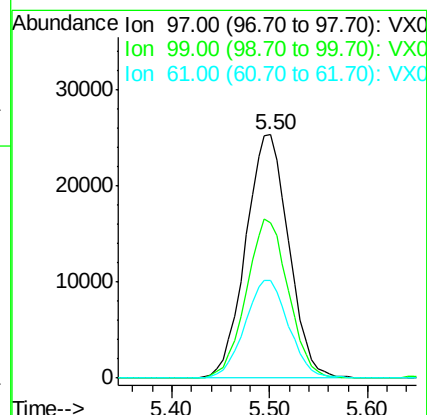
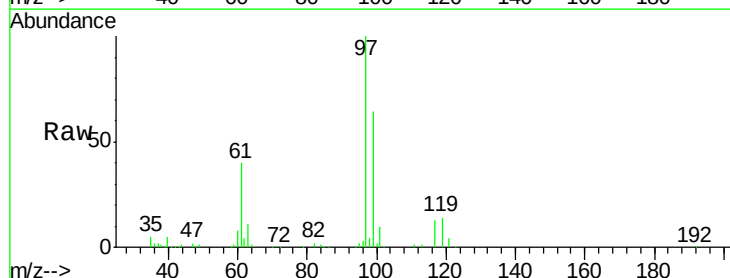
Tgt Ion: 97 Resp: 77347

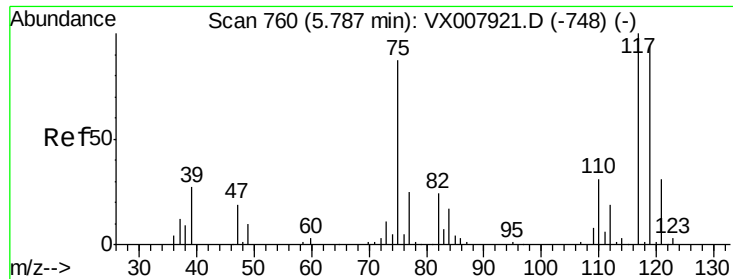
Ion Ratio Lower Upper

97 100

99 63.8 51.7 77.5

61 40.7 32.8 49.2





#33

Carbon Tetrachloride

Concen: 19.995 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX008108.D

Acq: 15 Mar 2019 15:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

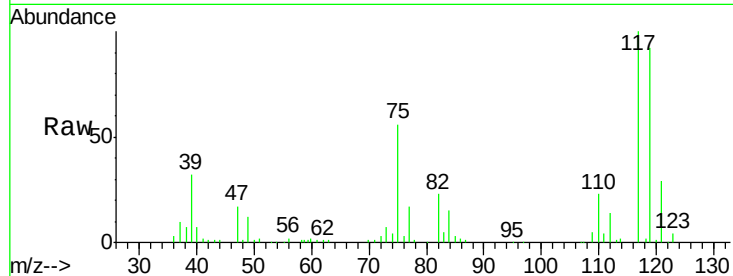
Tot Ion:117 Resp: 67723

Ion Ratio Lower Upper

117 100

119 91.9 78.1 117.1

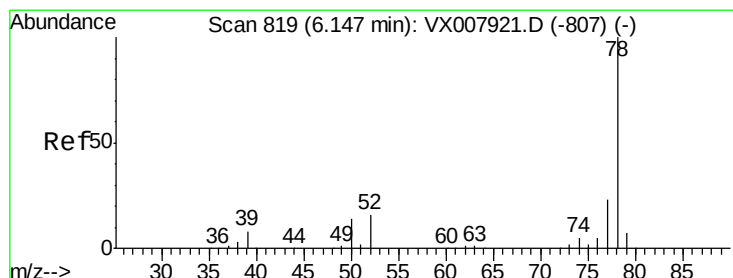
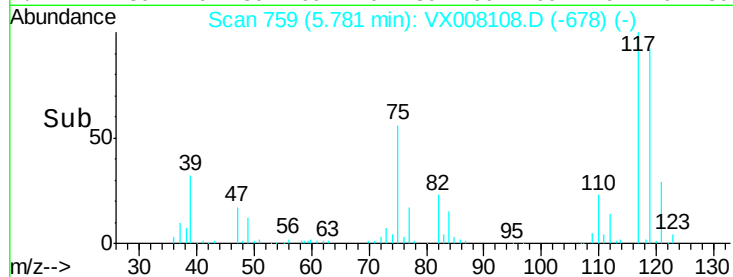
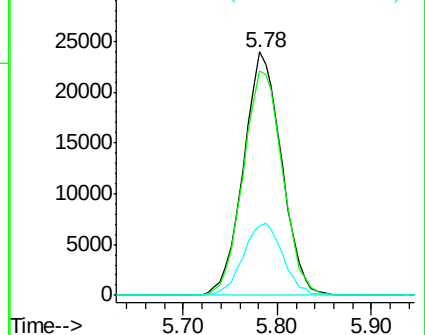
121 28.6 27.0 40.6



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 19.330 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX008108.D

Acq: 15 Mar 2019 15:23

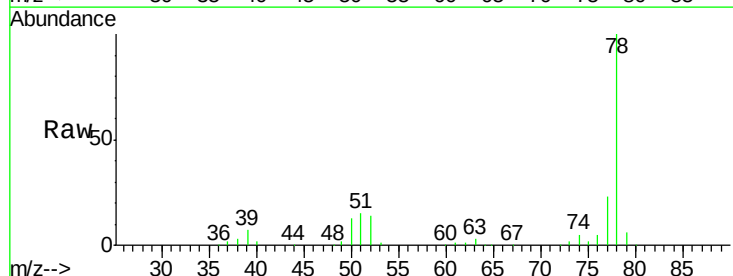
Tgt Ion: 78 Resp: 209189

Ion Ratio Lower Upper

78 100

77 23.3 19.1 28.7

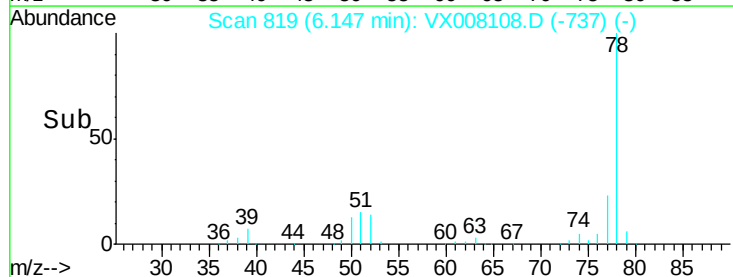
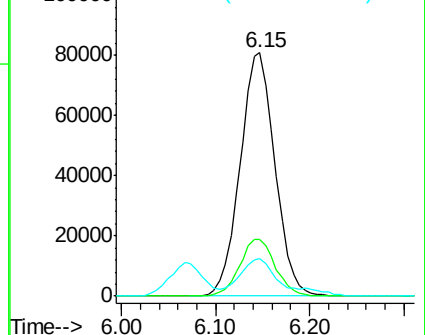
51 14.9 10.8 16.2

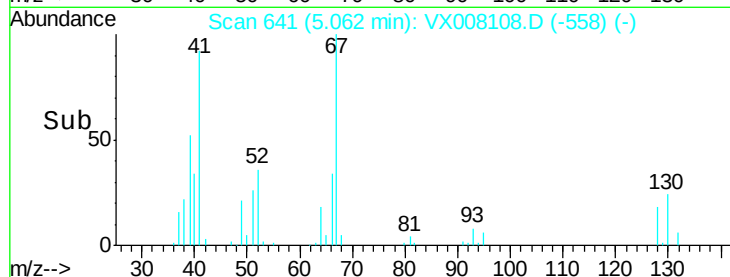
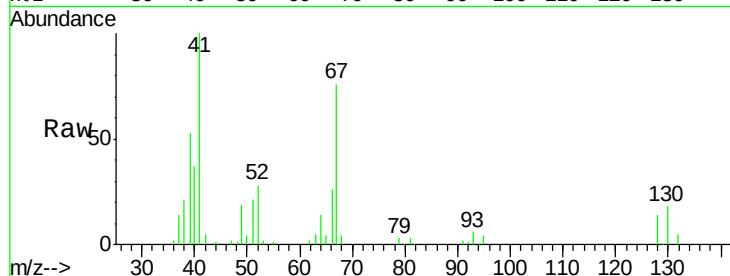
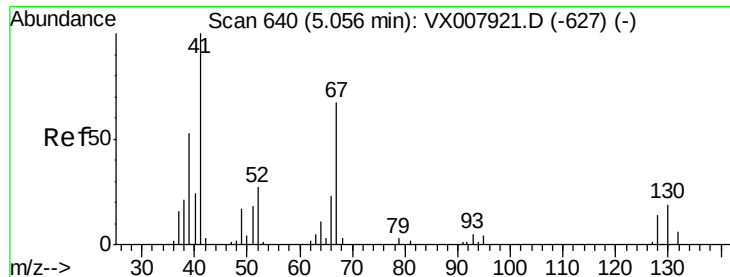


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

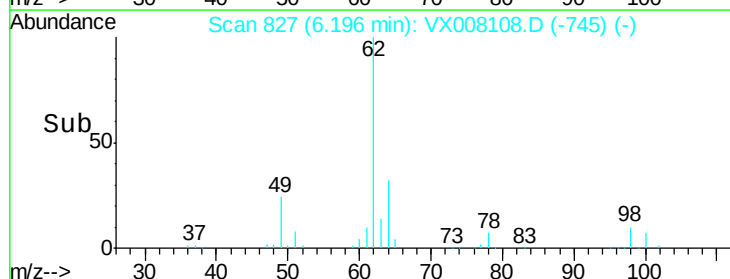
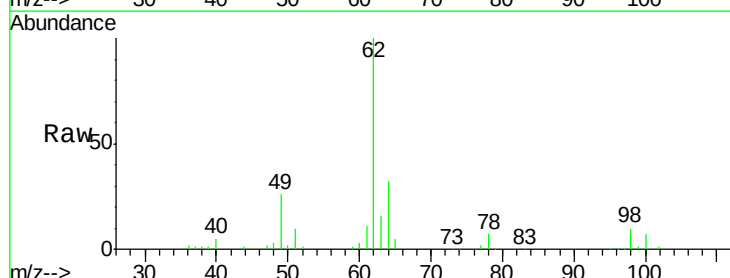
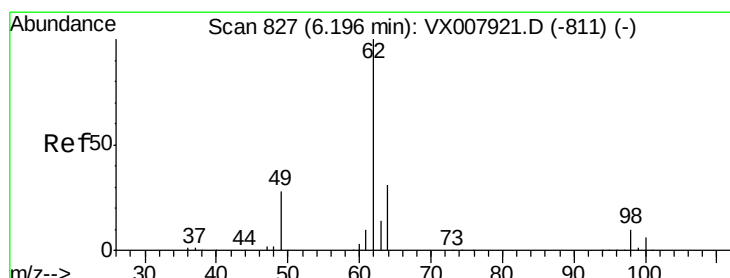
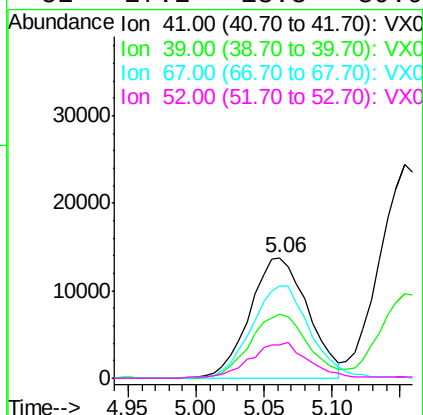
Ion 51.00 (50.70 to 51.70): VX0





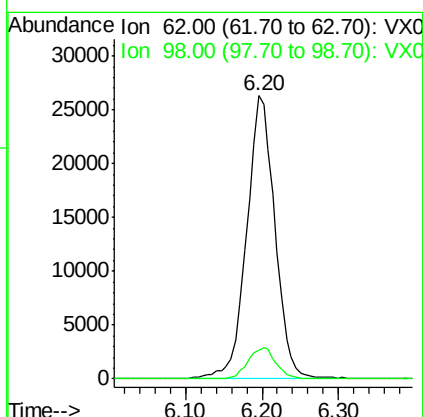
#35
Methacrylonitrile
Concen: 17.720 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX008108.D
Acq: 15 Mar 2019 15:23

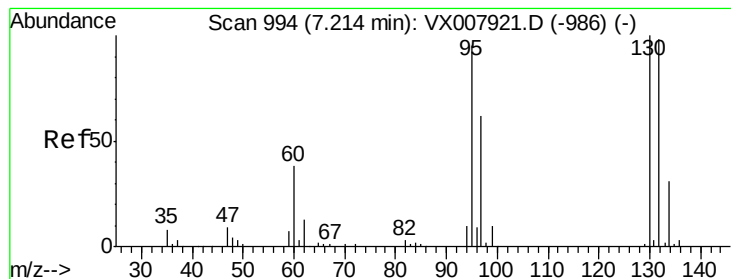
Tot Ion: 41 Resp: 41127
Ion Ratio Lower Upper
41 100
39 52.6 27.4 82.0
67 76.0 37.9 113.6
52 27.2 13.3 39.9



#36
1,2-Dichloroethane
Concen: 19.230 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX008108.D
Acq: 15 Mar 2019 15:23

Tgt Ion: 62 Resp: 67707
Ion Ratio Lower Upper
62 100
98 10.8 7.8 11.8





#37

Trichloroethene

Concen: 20.343 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX008108.D

Acq: 15 Mar 2019 15:23

Instrument :

MSVOA_X

ClientSampleId :

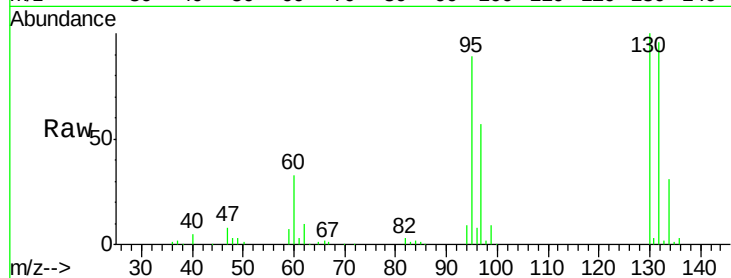
VSTDCCC020EC

Tot Ion:130 Resp: 59646

Ion Ratio Lower Upper

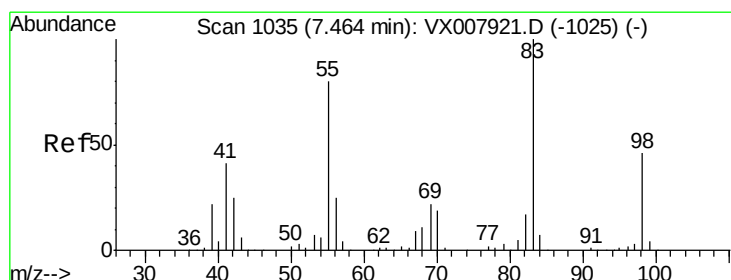
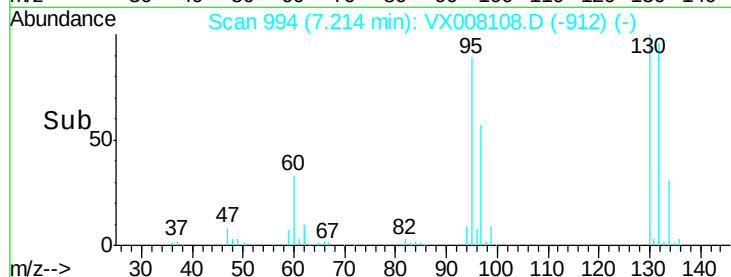
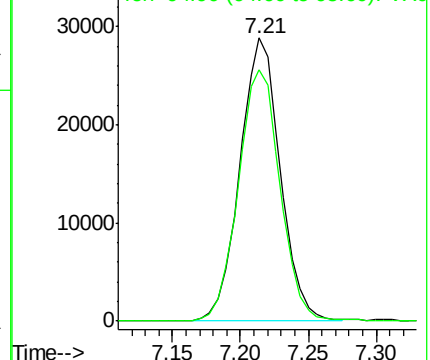
130 100

95 88.6 71.3 106.9



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 18.307 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX008108.D

Acq: 15 Mar 2019 15:23

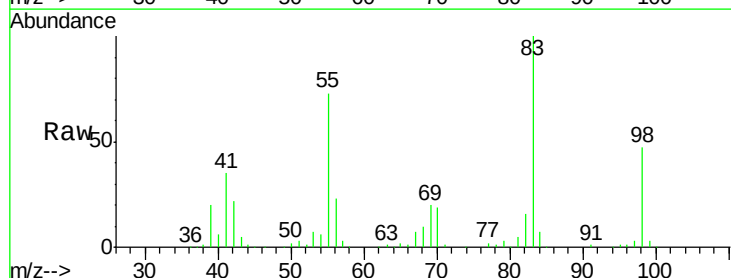
Tgt Ion: 83 Resp: 82195

Ion Ratio Lower Upper

83 100

55 74.0 36.0 108.0

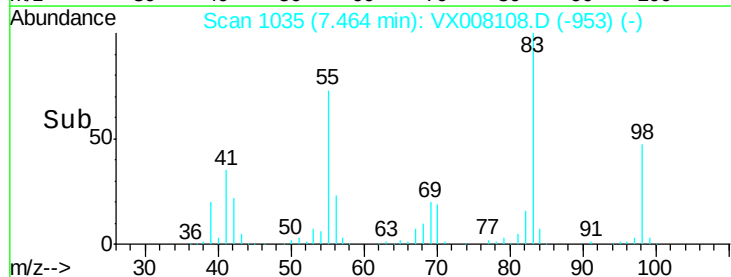
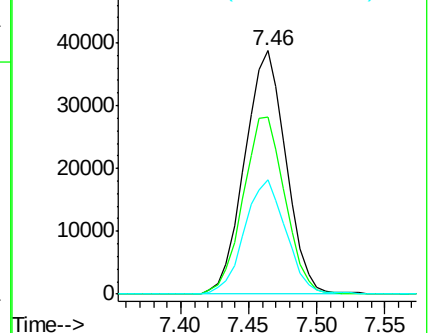
98 47.3 23.8 71.4

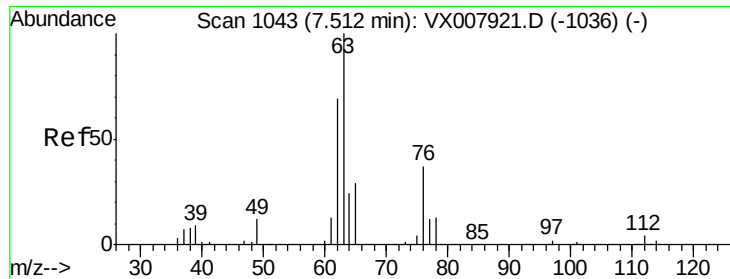


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#39

1,2-Dichloropropane

Concen: 19.036 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX008108.D

Acq: 15 Mar 2019 15:23

Instrument :

MSVOA_X

ClientSampleId :

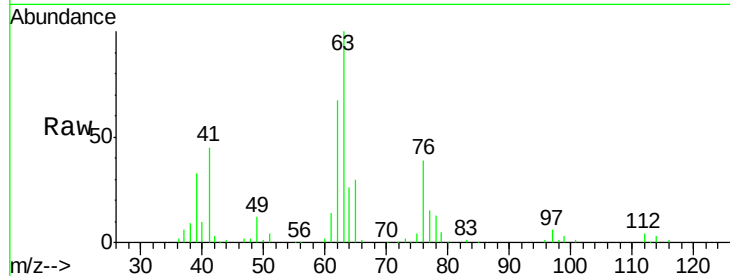
VSTDCCC020EC

Tot Ion: 63 Resp: 53725

Ion Ratio Lower Upper

63 100

65 30.4 24.6 37.0

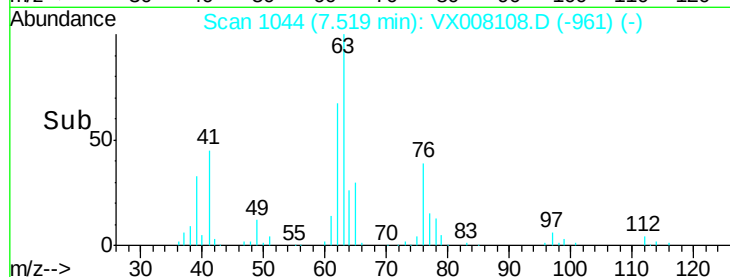


Abundance Ion 63.00 (62.70 to 63.70): VX008108.D (-961) (-)

Ion 65.00 (64.70 to 65.70): VX008108.D (-961) (-)

7.52

Time-->



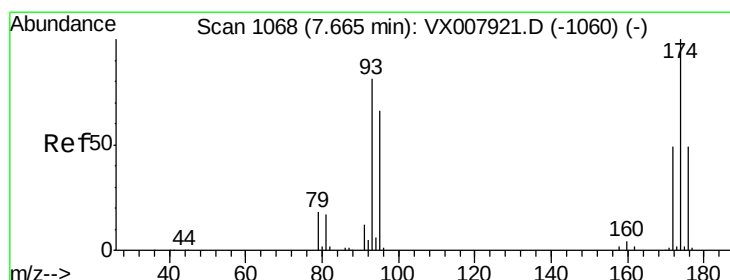
Abundance

Ion 63.00 (62.70 to 63.70): VX008108.D (-961) (-)

Ion 65.00 (64.70 to 65.70): VX008108.D (-961) (-)

7.52

Time-->



#40

Dibromomethane

Concen: 19.581 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VX008108.D

Acq: 15 Mar 2019 15:23

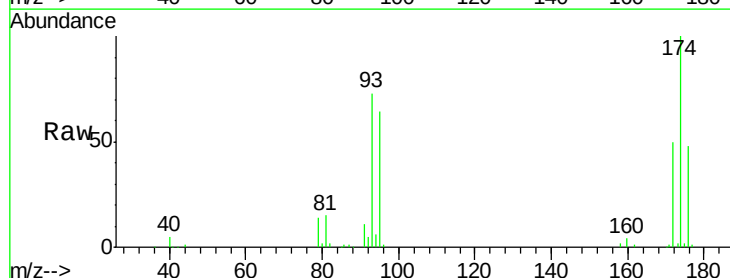
Tgt Ion: 93 Resp: 35055

Ion Ratio Lower Upper

93 100

95 85.8 0.0 158.8

174 132.6 0.0 224.2



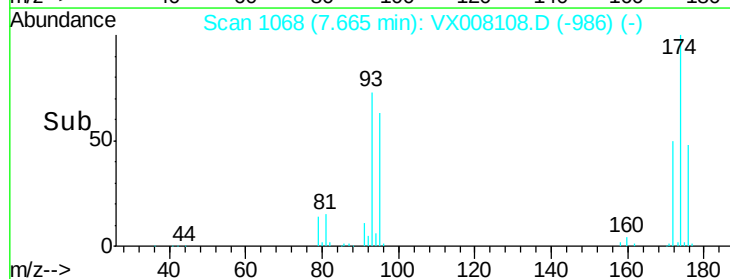
Abundance Ion 93.00 (92.70 to 93.70): VX008108.D (-986) (-)

Ion 95.00 (94.70 to 95.70): VX008108.D (-986) (-)

Ion 174.00 (173.70 to 174.70): VX008108.D (-986) (-)

7.66

Time-->



Abundance

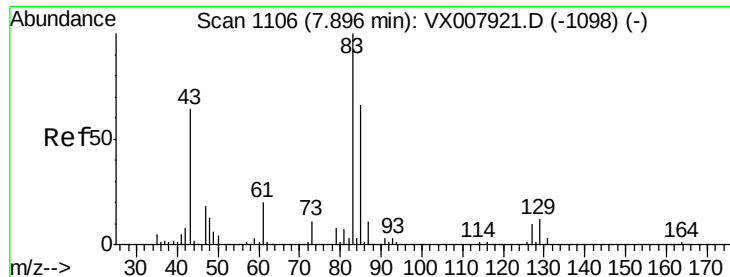
Ion 93.00 (92.70 to 93.70): VX008108.D (-986) (-)

Ion 95.00 (94.70 to 95.70): VX008108.D (-986) (-)

Ion 174.00 (173.70 to 174.70): VX008108.D (-986) (-)

7.66

Time-->



#41

Bromodichloromethane

Concen: 18.748 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008108.D

Acq: 15 Mar 2019 15:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

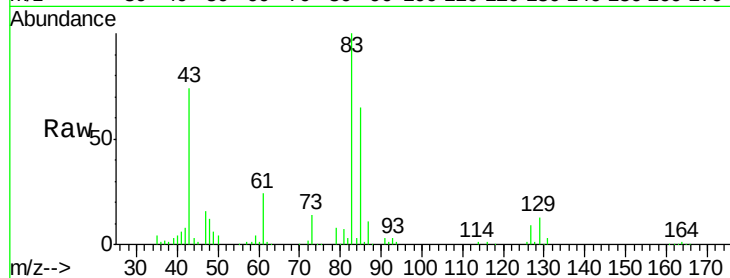
Tot Ion: 83 Resp: 63439

Ion Ratio Lower Upper

83 100

85 65.4 51.1 76.7

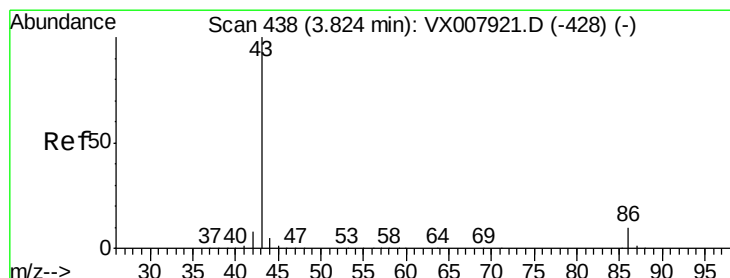
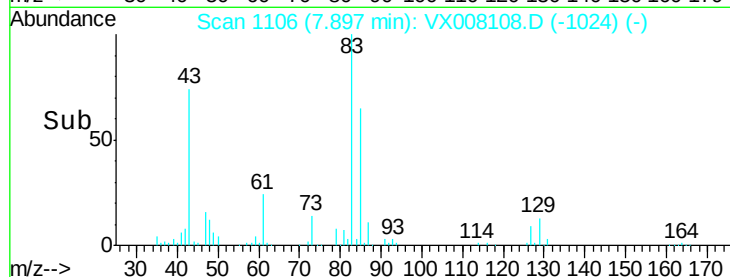
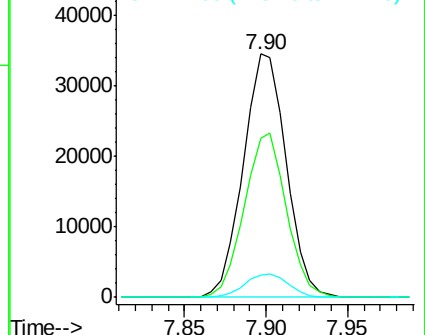
127 9.7 7.2 10.8



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 89.337 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX008108.D

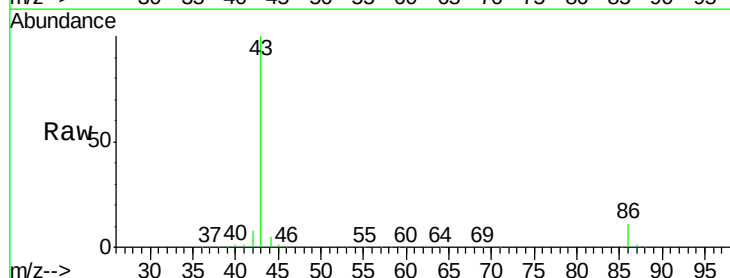
Acq: 15 Mar 2019 15:23

Tgt Ion: 43 Resp: 688775

Ion Ratio Lower Upper

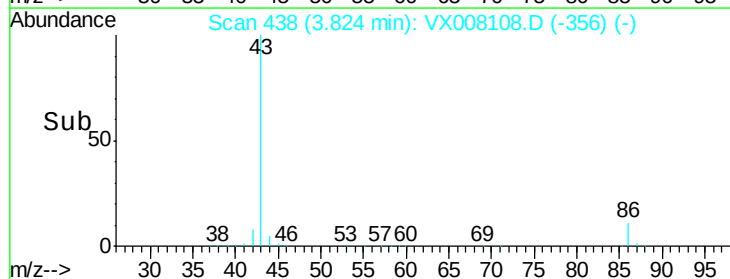
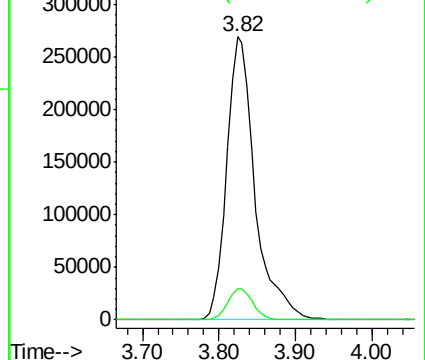
43 100

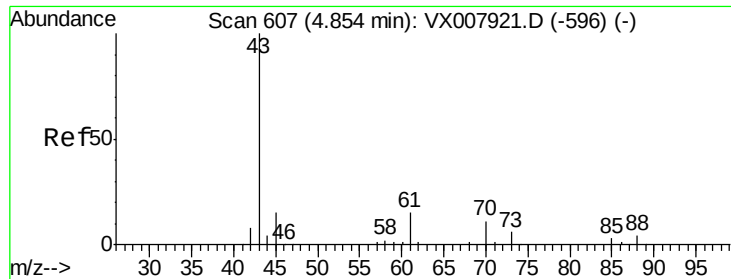
86 9.9 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

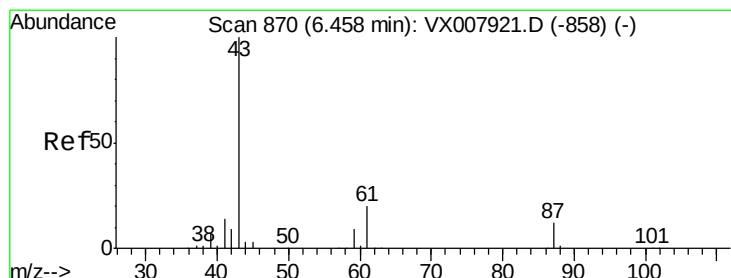
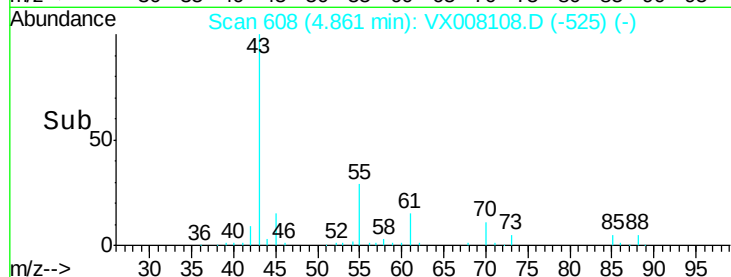
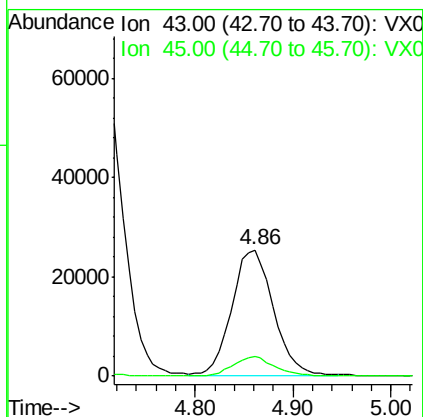
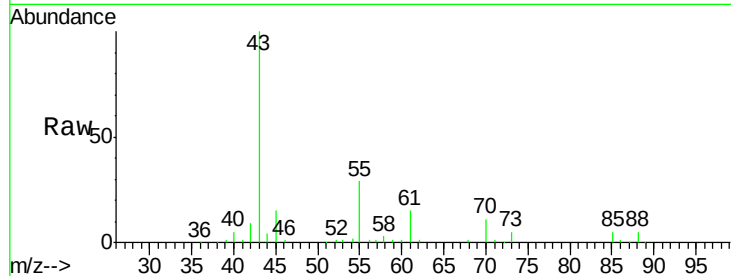




#43
Ethyl Acetate
Concen: 18.217 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX008108.D
Acq: 15 Mar 2019 15:23

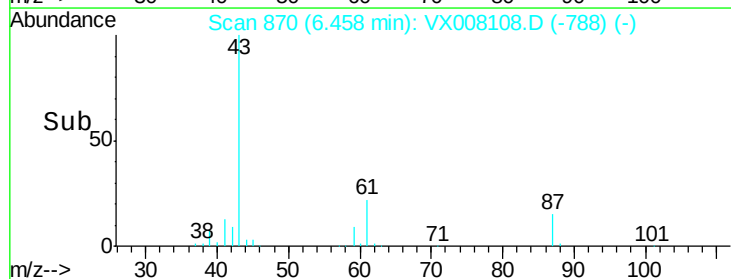
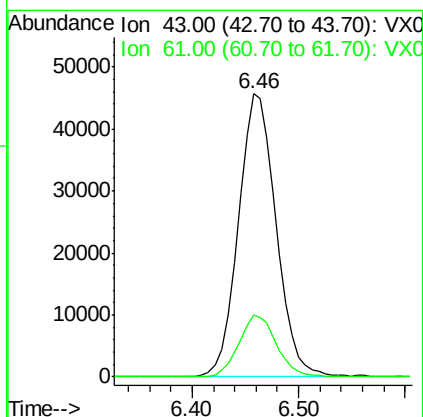
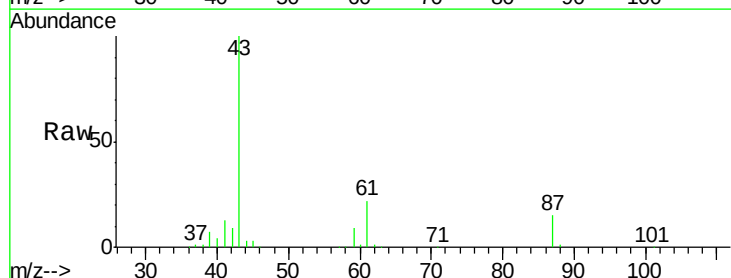
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

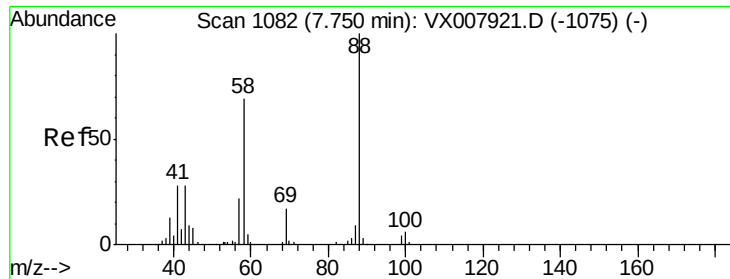
Tot Ion: 43 Resp: 75576
Ion Ratio Lower Upper
43 100
45 15.4 6.9 10.3#



#44
Isopropyl Acetate
Concen: 17.894 ug/l
RT: 6.46 min Scan# 870
Delta R.T. 0.00 min
Lab File: VX008108.D
Acq: 15 Mar 2019 15:23

Tgt Ion: 43 Resp: 113271
Ion Ratio Lower Upper
43 100
61 21.9 16.1 24.1

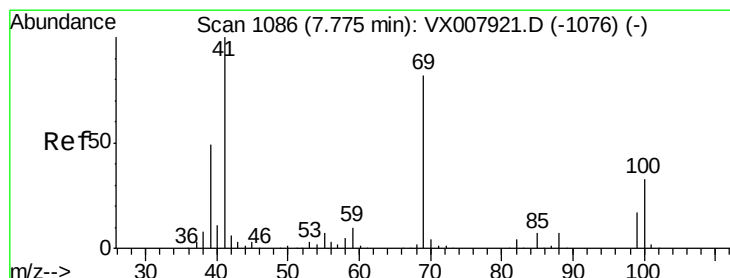
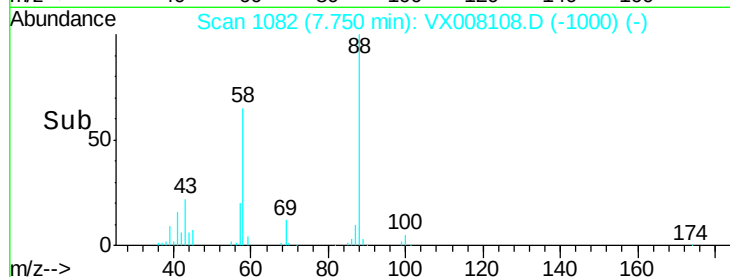
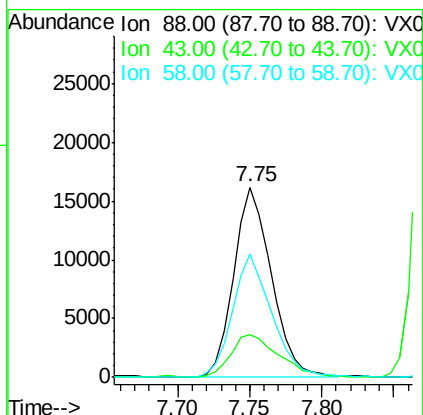
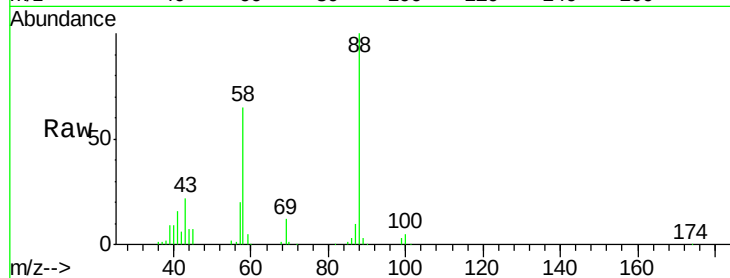




#45
 1,4-Dioxane
 Concen: 446.402 ug/l
 RT: 7.75 min Scan# 1082
 Delta R.T. 0.00 min
 Lab File: VX008108.D
 Acq: 15 Mar 2019 15:23

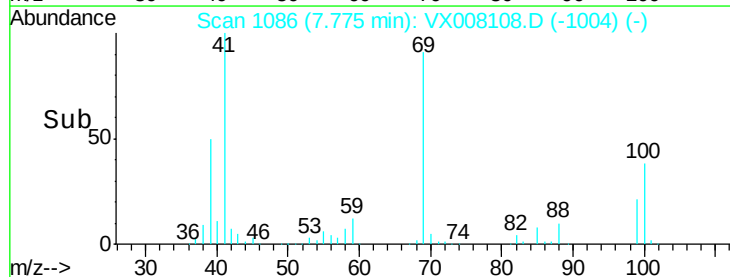
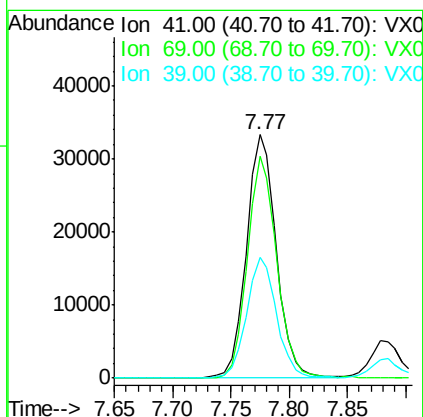
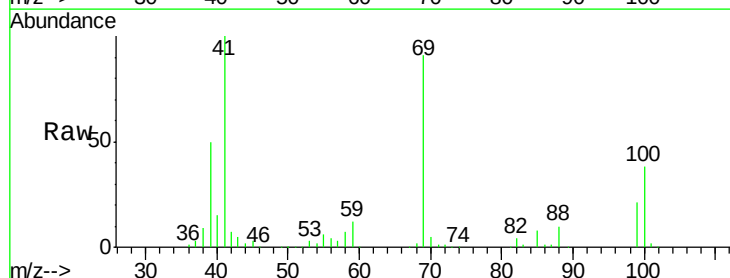
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

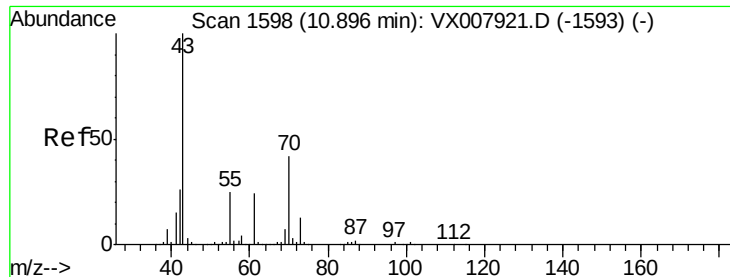
Tot Ion: 88 Resp: 29564
 Ion Ratio Lower Upper
 88 100
 43 28.6 23.6 35.4
 58 67.3 51.6 77.4



#46
 Methyl methacrylate
 Concen: 17.894 ug/l
 RT: 7.77 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX008108.D
 Acq: 15 Mar 2019 15:23

Tgt Ion: 41 Resp: 59572
 Ion Ratio Lower Upper
 41 100
 69 91.2 44.2 132.6
 39 49.8 29.9 89.8





#47

n-amvl Acetate

Concen: 17.335 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008108.D

Acq: 15 Mar 2019 15:23

Instrument :

MSVOA_X

ClientSampleId :

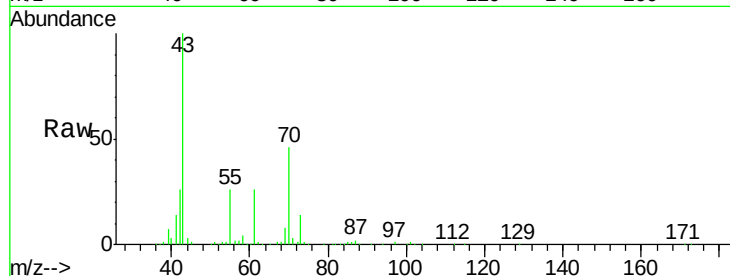
VSTDCCC020EC

Tot Ion: 43 Resp: 94546

Ion Ratio Lower Upper

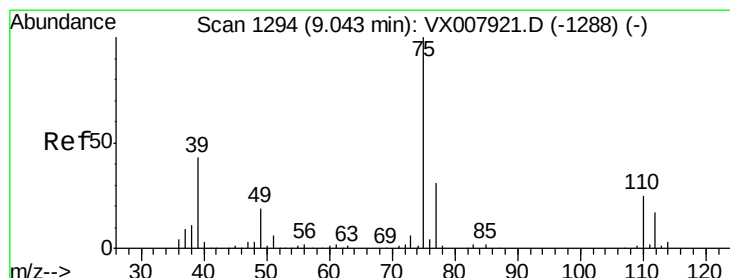
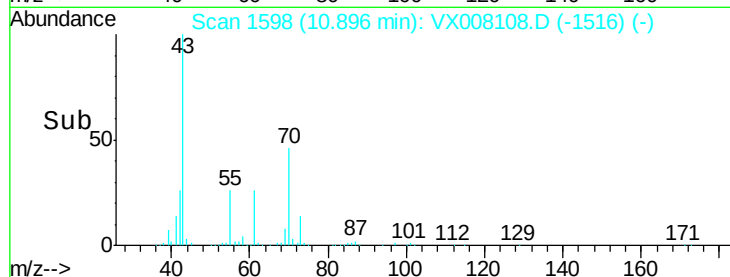
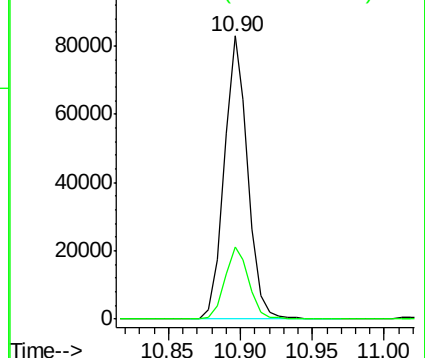
43 100

55 26.0 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 18.873 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX008108.D

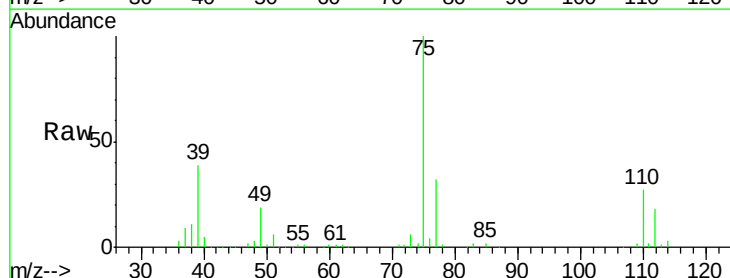
Acq: 15 Mar 2019 15:23

Tgt Ion: 75 Resp: 69164

Ion Ratio Lower Upper

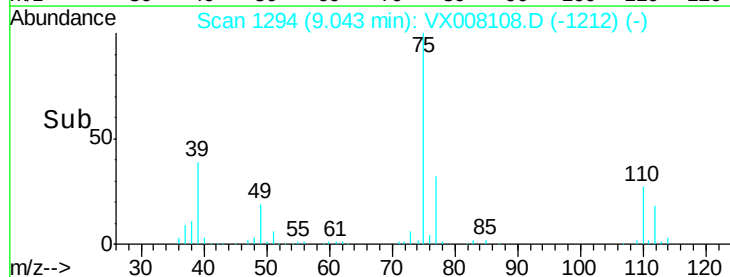
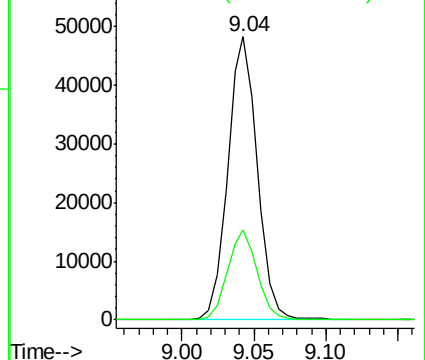
75 100

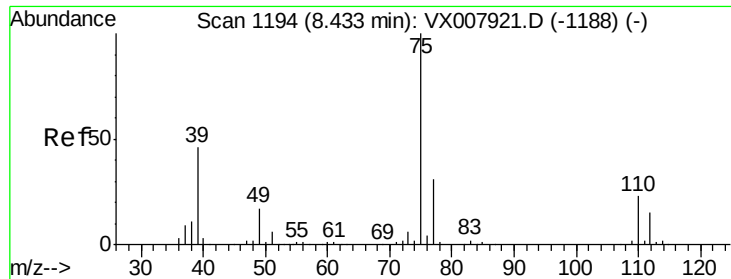
77 31.7 24.5 36.7



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



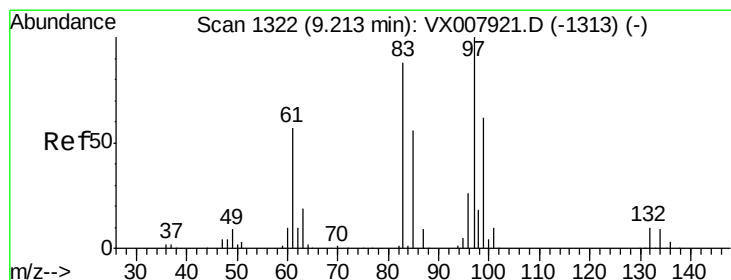
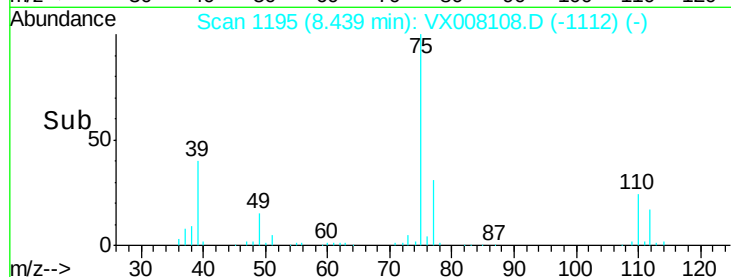
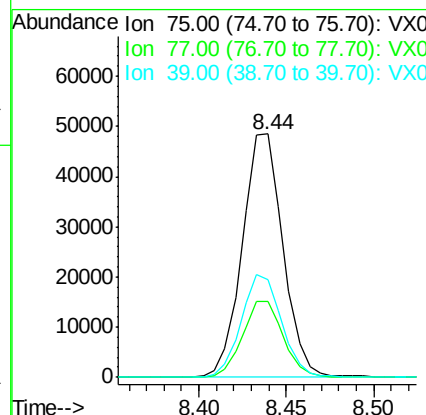
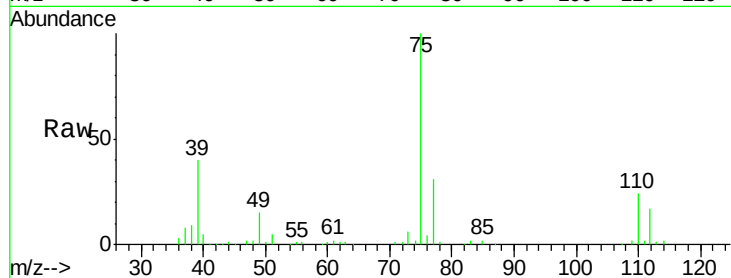


#49

cis-1,3-Dichloropropene
 Concen: 18.912 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: VX008108.D
 Acq: 15 Mar 2019 15:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

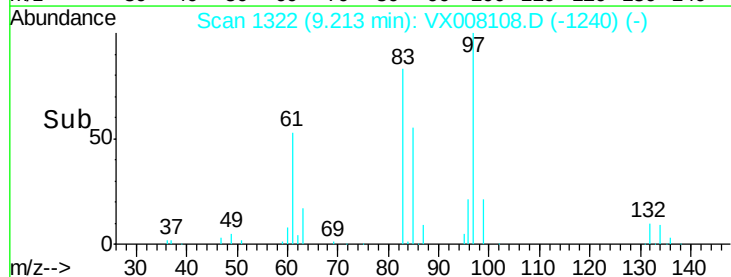
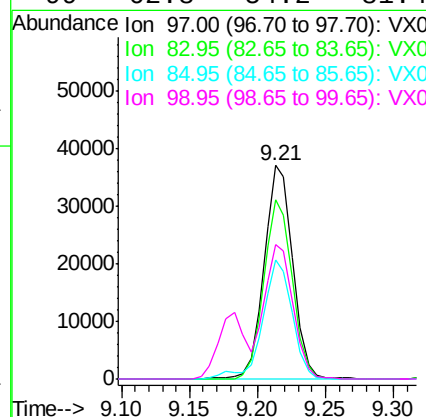
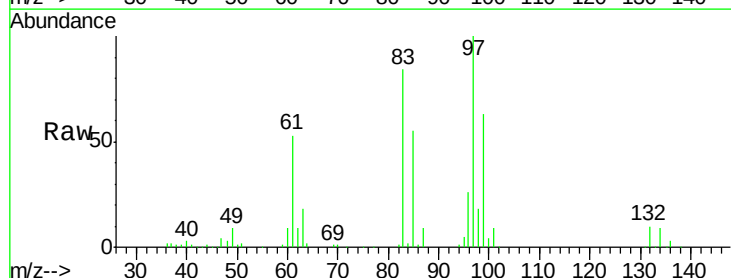
Tot Ion: 75 Resp: 78479
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.0 37.4
 39 39.9 38.5 57.7

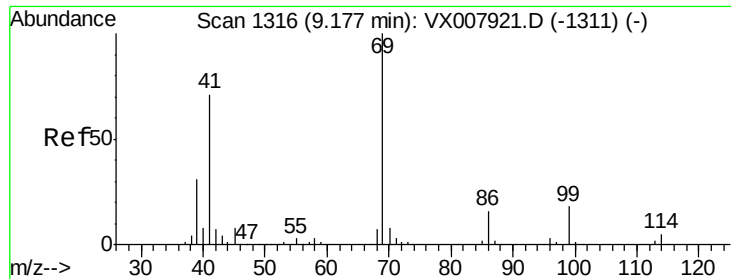


#50

1,1,2-Trichloroethane
 Concen: 20.053 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008108.D
 Acq: 15 Mar 2019 15:23

Tgt Ion: 97 Resp: 54720
 Ion Ratio Lower Upper
 97 100
 83 84.1 72.0 108.0
 85 55.5 45.0 67.6
 99 62.8 54.2 81.4





#51

Ethyl methacrylate

Concen: 19.199 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX008108.D

Acq: 15 Mar 2019 15:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

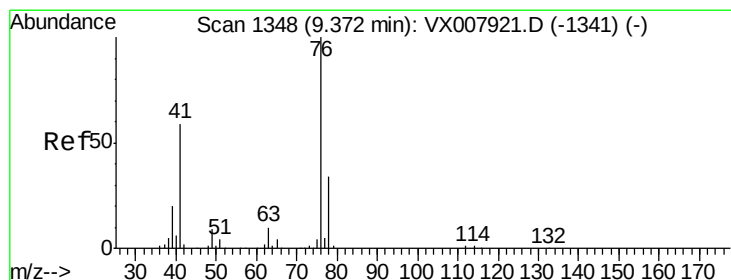
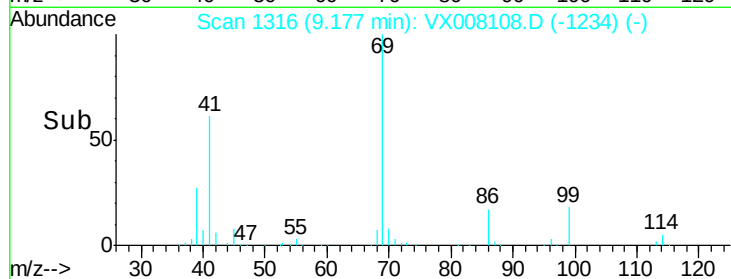
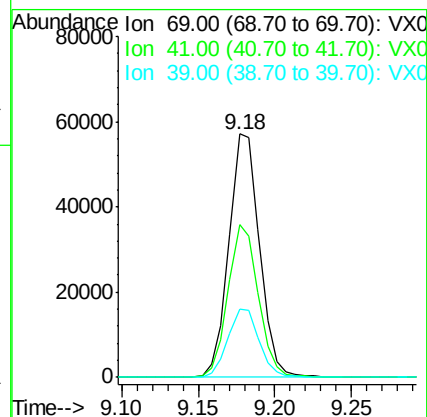
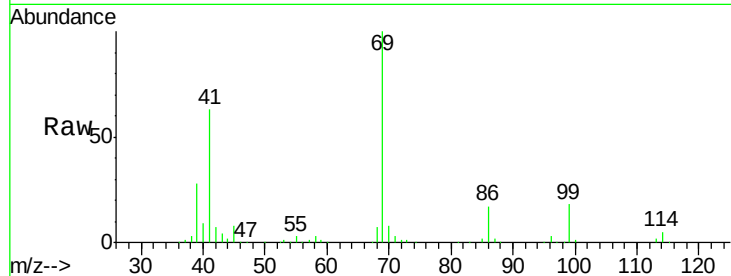
Tot Ion: 69 Resp: 79452

Ion Ratio Lower Upper

69 100

41 62.6 32.1 96.5

39 28.0 18.8 56.3



#52

1,3-Dichloropropane

Concen: 19.553 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX008108.D

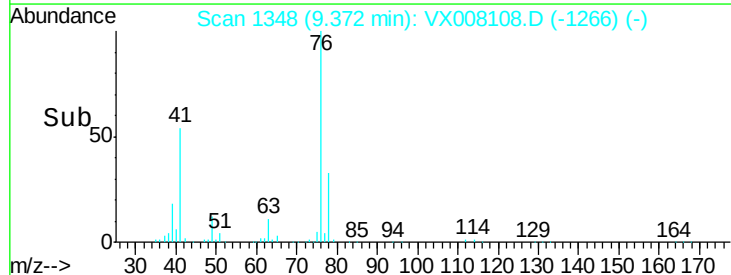
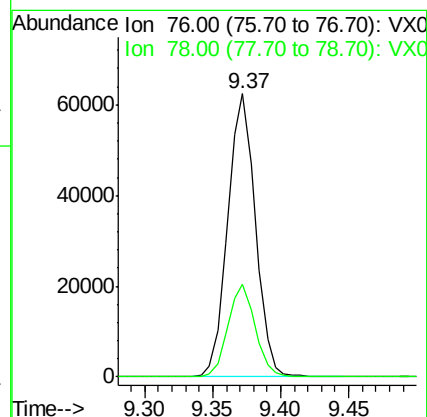
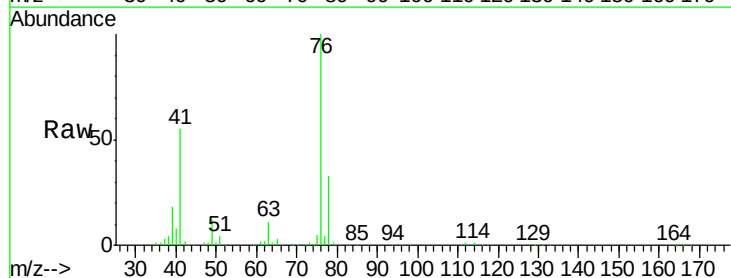
Acq: 15 Mar 2019 15:23

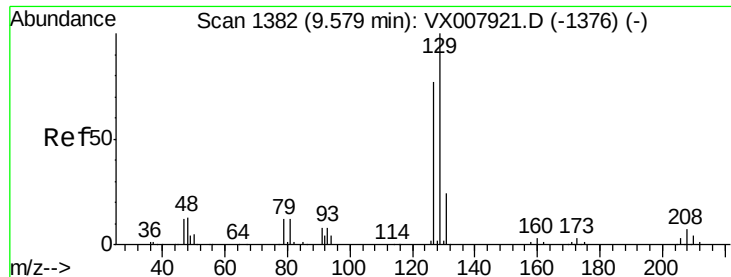
Tgt Ion: 76 Resp: 88162

Ion Ratio Lower Upper

76 100

78 32.3 0.0 65.2





#53

Dibromochloromethane

Concen: 20.058 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX008108.D

Acq: 15 Mar 2019 15:23

Instrument :

MSVOA_X

ClientSampleId :

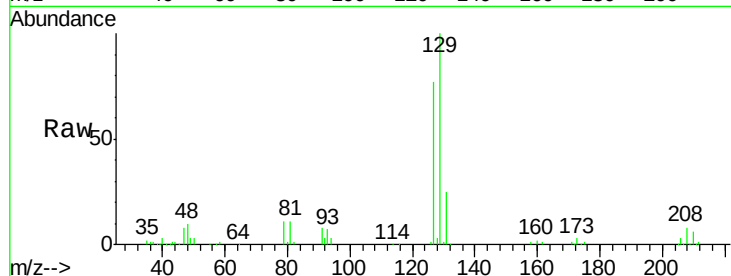
VSTDCCC020EC

Tot Ion:129 Resp: 56301

Ion Ratio Lower Upper

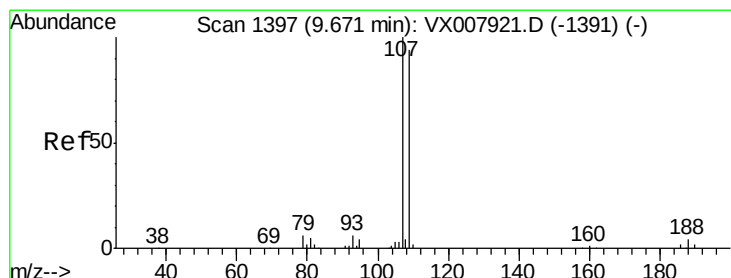
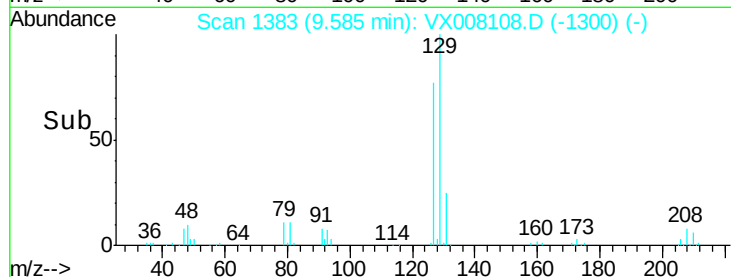
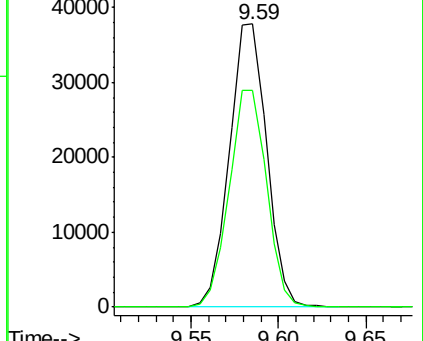
129 100

127 76.7 38.4 115.2



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 20.409 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008108.D

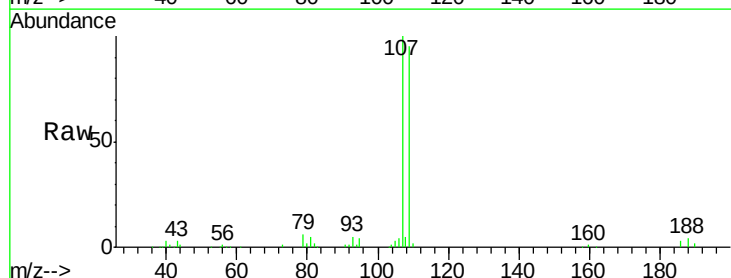
Acq: 15 Mar 2019 15:23

Tgt Ion:107 Resp: 58224

Ion Ratio Lower Upper

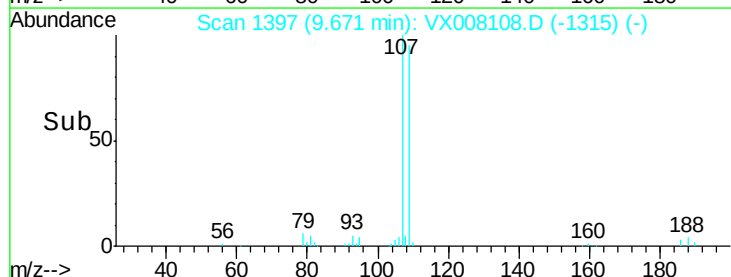
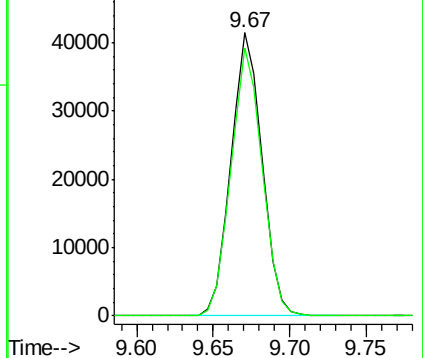
107 100

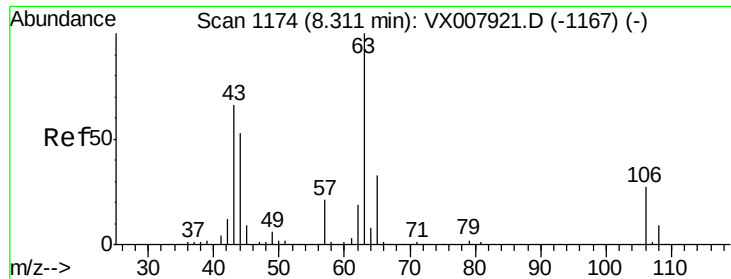
109 95.1 76.6 115.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

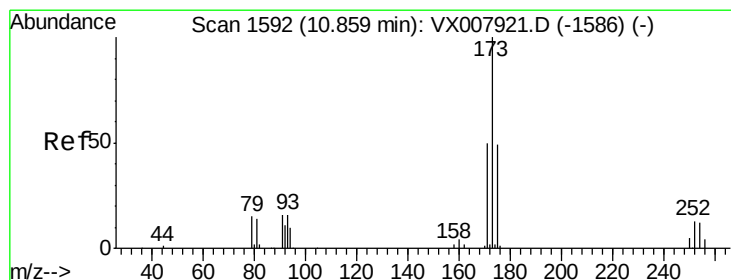
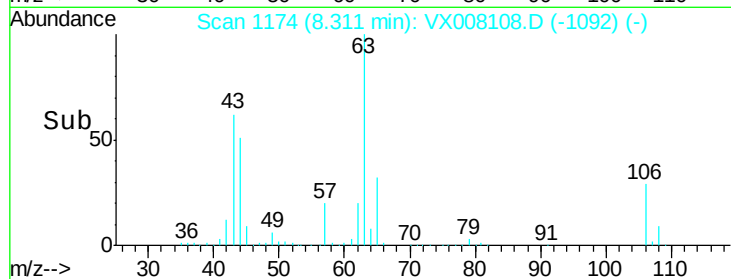
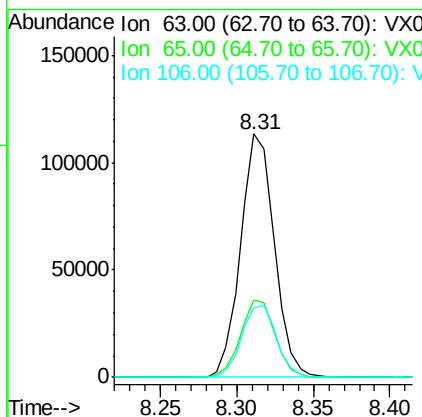
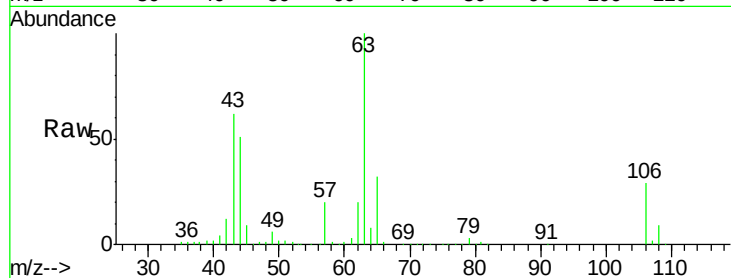




#55
2-Chloroethyl vinyl ether
Concen: 90.488 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. 0.00 min
Lab File: VX008108.D
Acq: 15 Mar 2019 15:23

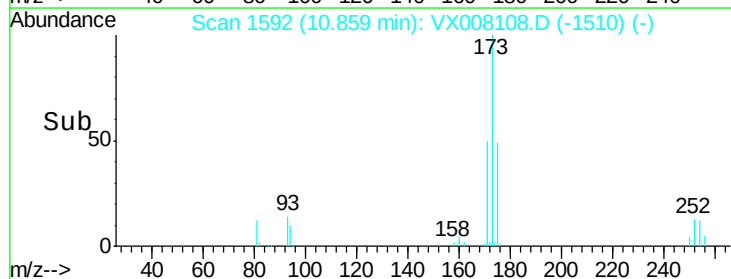
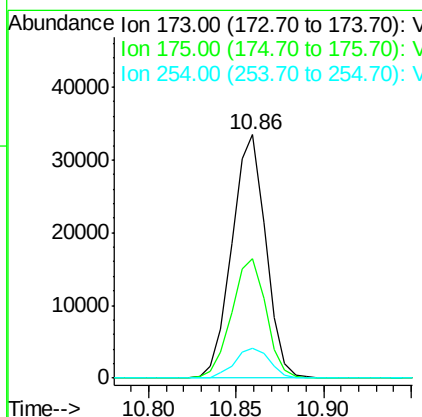
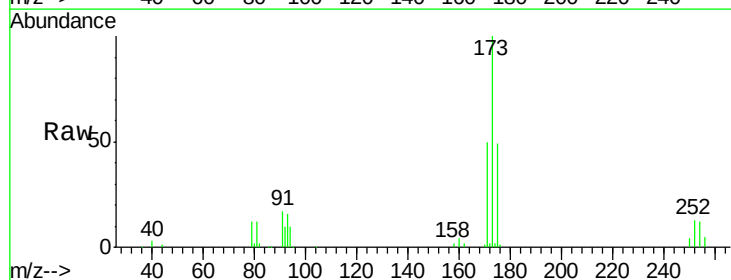
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

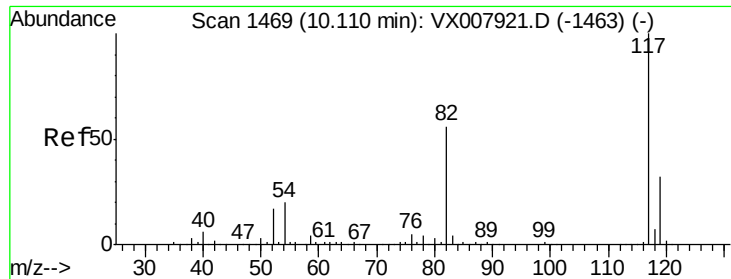
Tot Ion: 63 Resp: 174167
Ion Ratio Lower Upper
63 100
65 32.4 25.7 38.5
106 30.5 23.7 35.5



#56
Bromoform
Concen: 20.179 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX008108.D
Acq: 15 Mar 2019 15:23

Tgt Ion: 173 Resp: 45179
Ion Ratio Lower Upper
173 100
175 49.8 38.5 57.7
254 12.7 7.4 11.2#

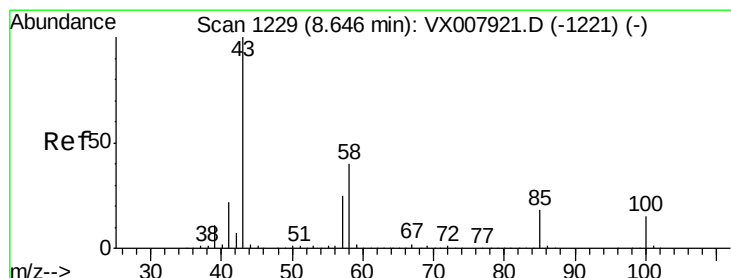
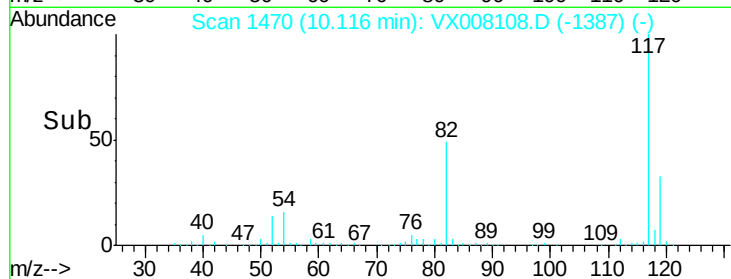
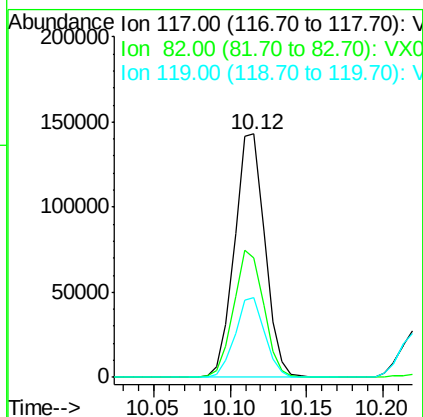
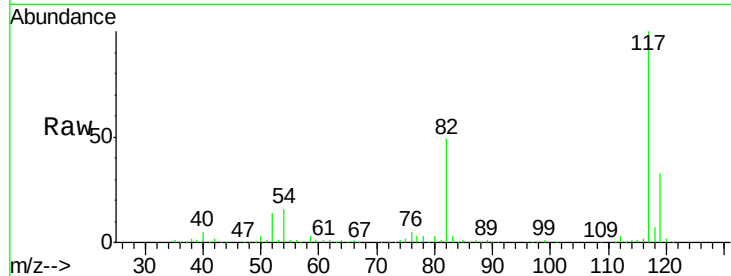




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008108.D
Acq: 15 Mar 2019 15:23

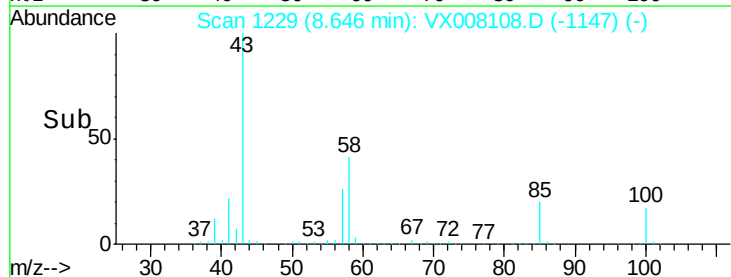
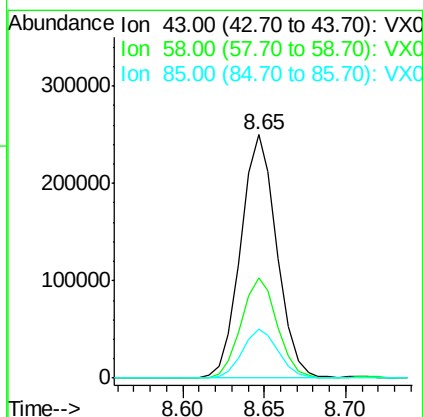
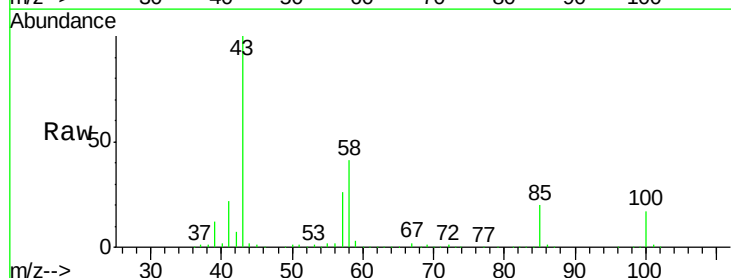
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

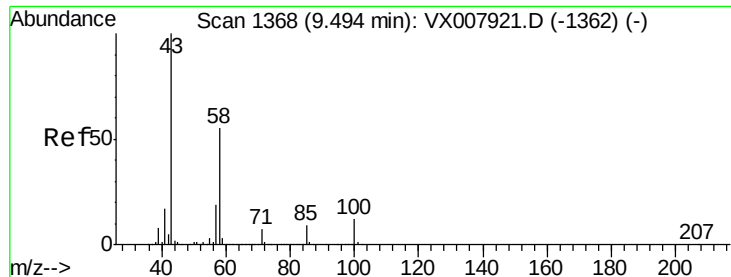
Tot Ion:117 Resp: 197188
Ion Ratio Lower Upper
117 100
82 51.7 40.4 60.6
119 31.9 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 94.970 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX008108.D
Acq: 15 Mar 2019 15:23

Tgt Ion: 43 Resp: 385560
Ion Ratio Lower Upper
43 100
58 41.2 31.4 47.0
85 20.1 15.0 22.6

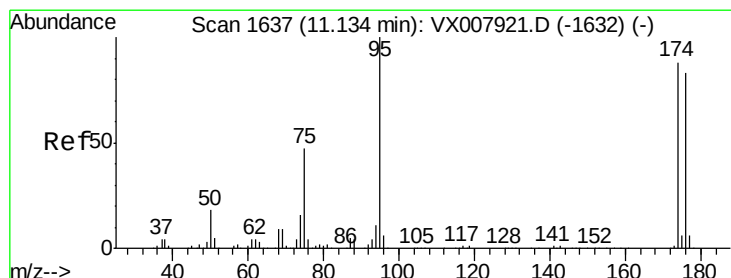
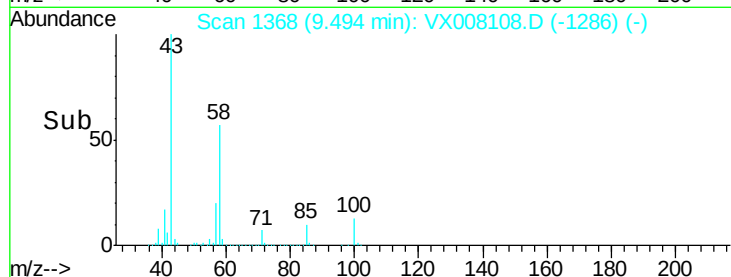
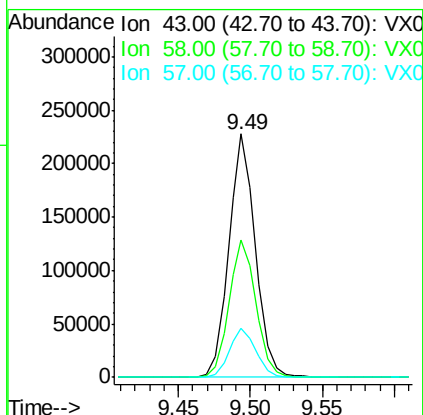
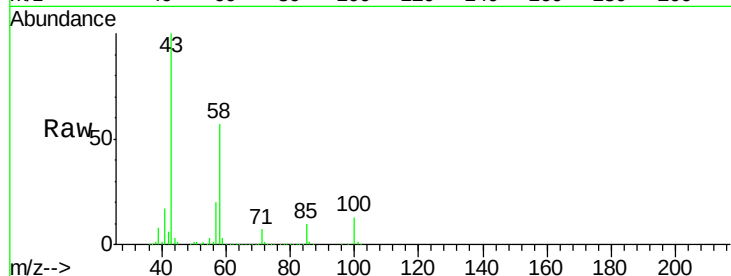




#59
2-Hexanone
Concen: 91.609 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX008108.D
Acq: 15 Mar 2019 15:23

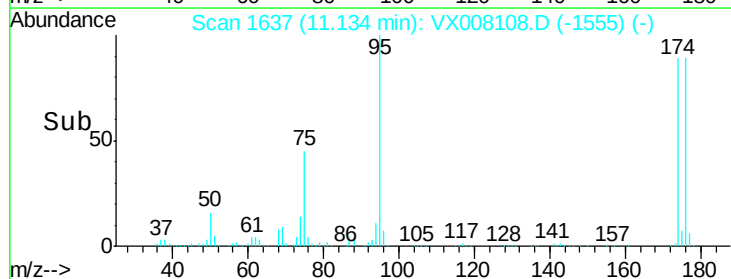
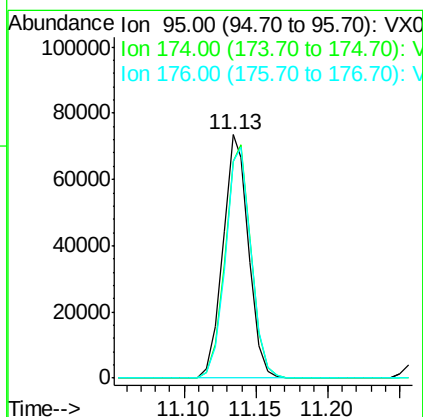
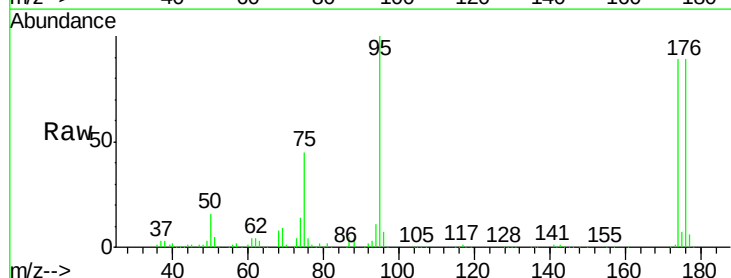
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

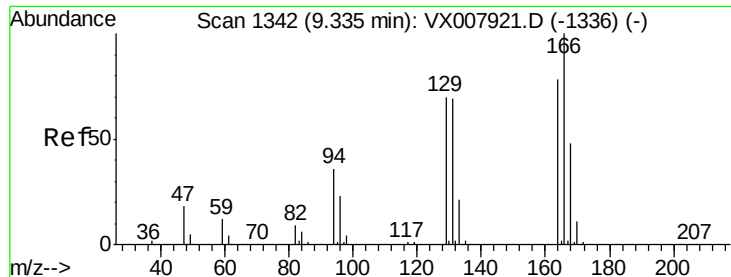
Tot Ion	Ratio	Lower	Upper
43	100		
58	57.8	43.9	65.9
57	20.3	14.9	22.3



#60
4-Bromofluorobenzene
Concen: 29.130 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008108.D
Acq: 15 Mar 2019 15:23

Tgt Ion	Ratio	Lower	Upper
95	100		
174	97.1	74.9	112.3
176	95.6	70.7	106.1





#61

Tetrachloroethene

Concen: 21.535 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX008108.D

Acq: 15 Mar 2019 15:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:164 Resp: 61946

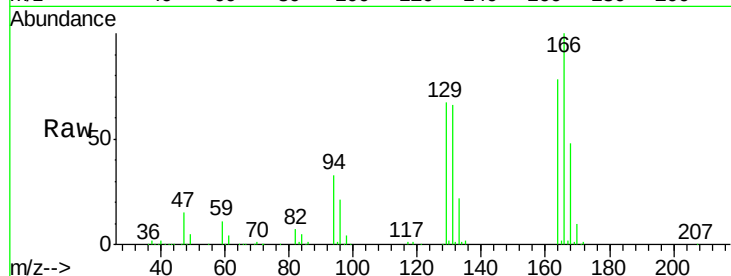
Ion Ratio Lower Upper

164 100

166 128.8 103.9 155.9

129 86.1 74.7 112.1

131 84.9 71.7 107.5

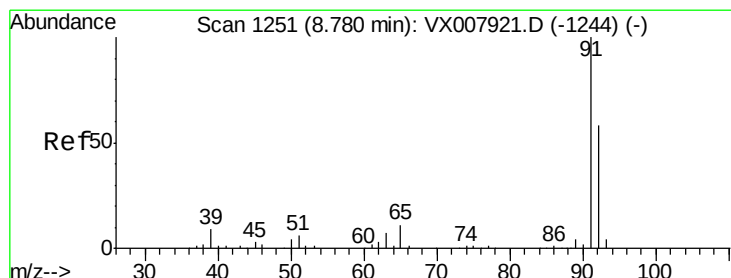
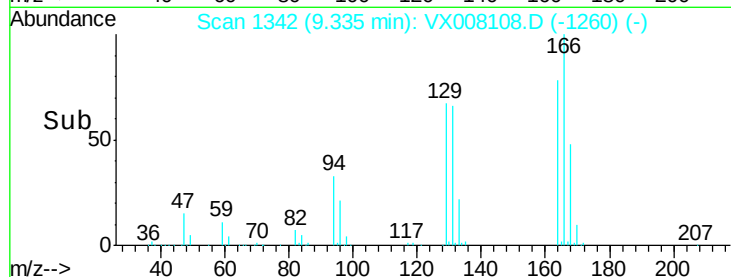
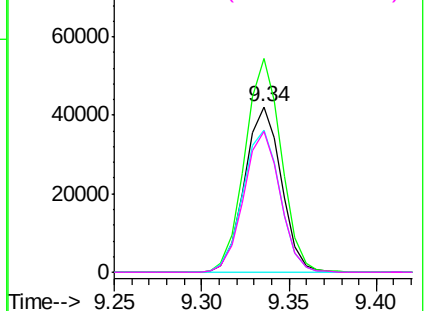


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.738 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX008108.D

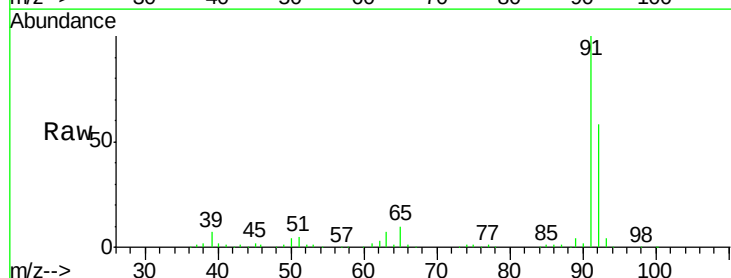
Acq: 15 Mar 2019 15:23

Tgt Ion: 91 Resp: 227273

Ion Ratio Lower Upper

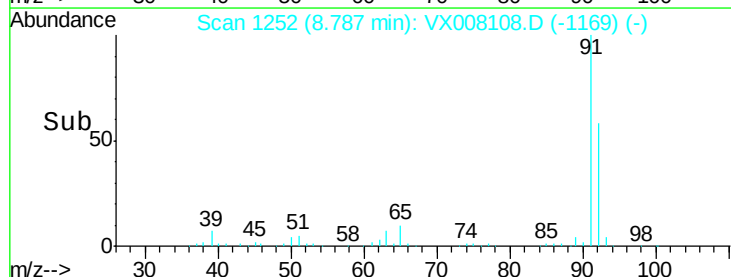
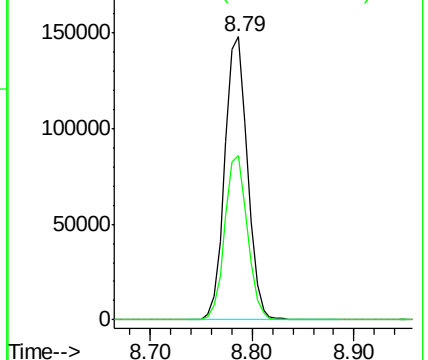
91 100

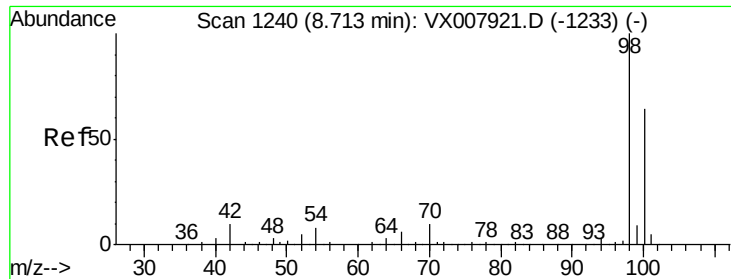
92 58.0 46.4 69.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

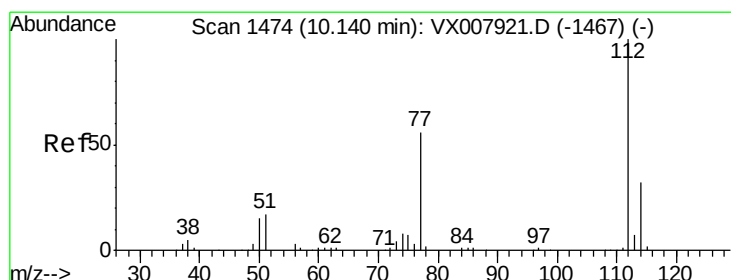
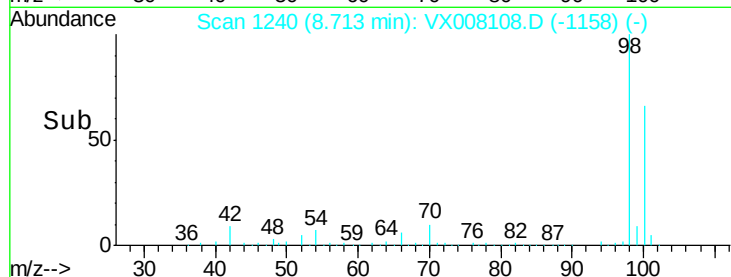
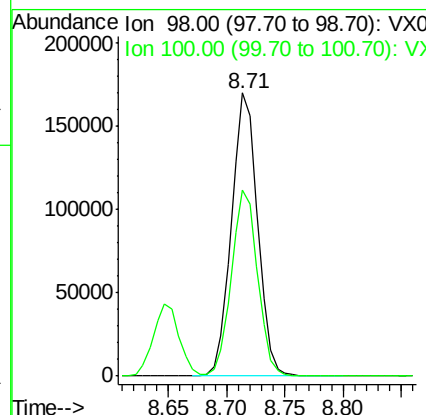
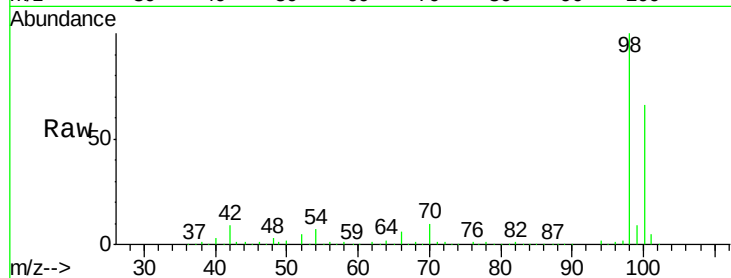




#63
Toluene-d8
Concen: 29.322 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008108.D
Acq: 15 Mar 2019 15:23

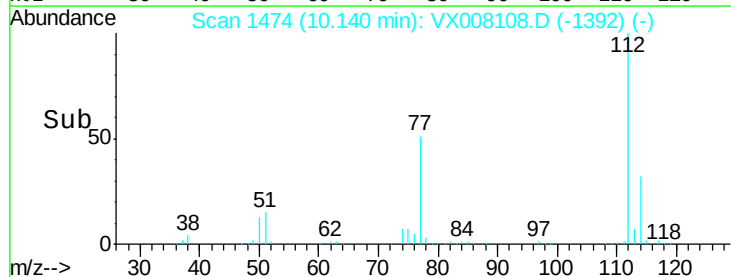
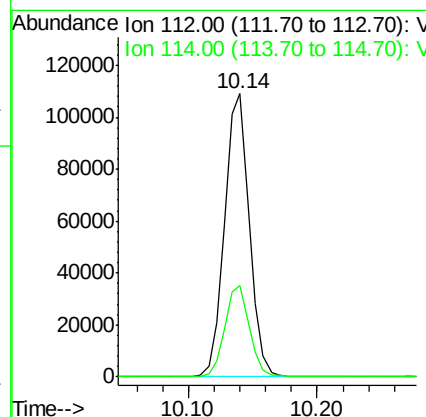
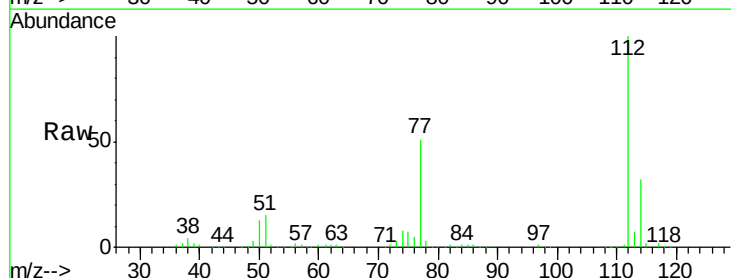
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

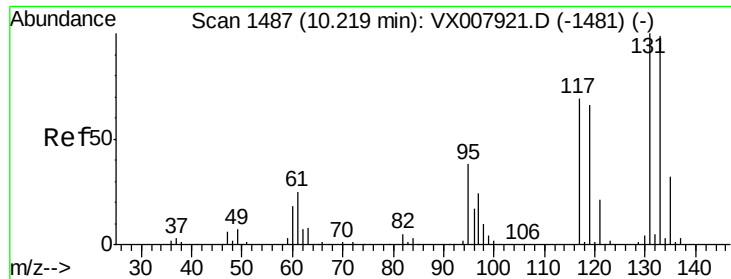
Tot Ion: 98 Resp: 264609
Ion Ratio Lower Upper
98 100
100 65.5 50.9 76.3



#64
Chlorobenzene
Concen: 20.189 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX008108.D
Acq: 15 Mar 2019 15:23

Tgt Ion: 112 Resp: 148155
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.2





#65

1,1,1,2-Tetrachloroethane

Concen: 20.849 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX008108.D

Acq: 15 Mar 2019 15:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

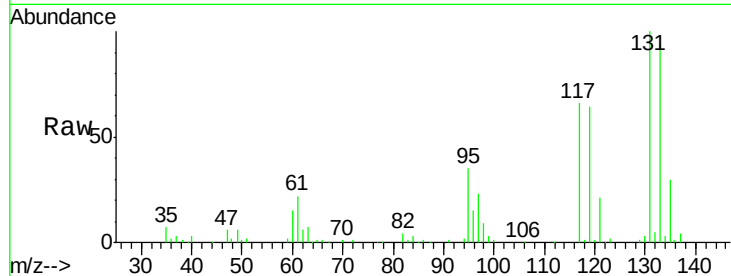
Tot Ion:131 Resp: 54781

Ion Ratio Lower Upper

131 100

133 94.6 0.0 191.6

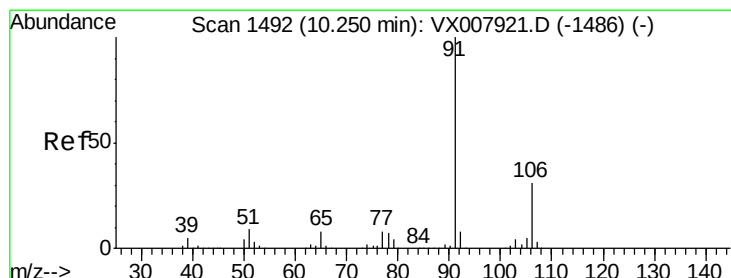
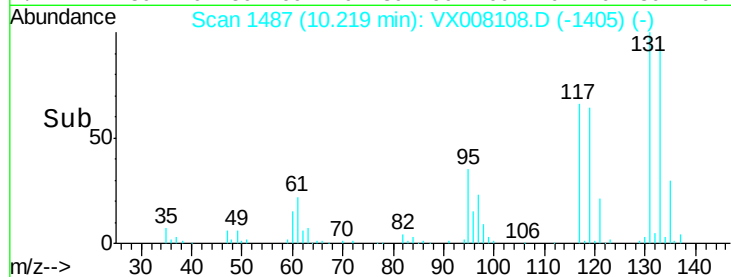
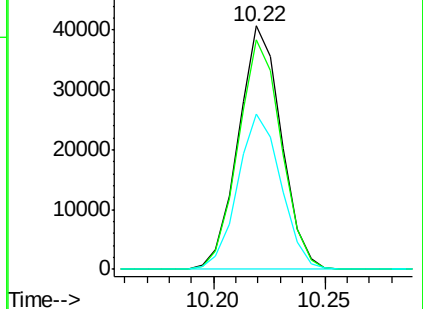
119 64.4 0.0 127.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 19.138 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX008108.D

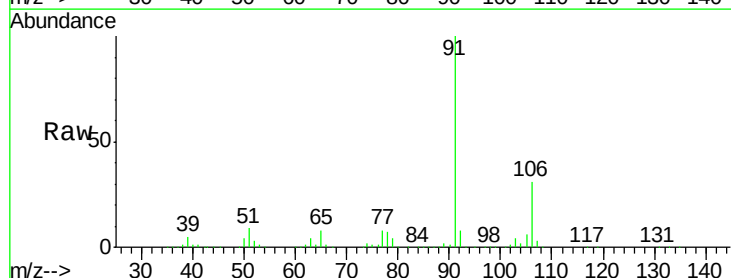
Acq: 15 Mar 2019 15:23

Tgt Ion: 91 Resp: 236697

Ion Ratio Lower Upper

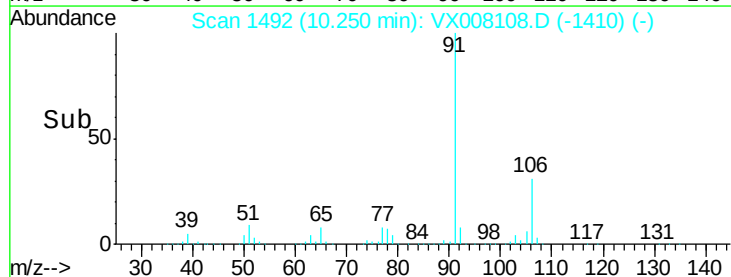
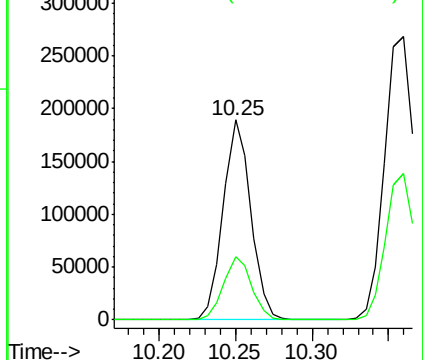
91 100

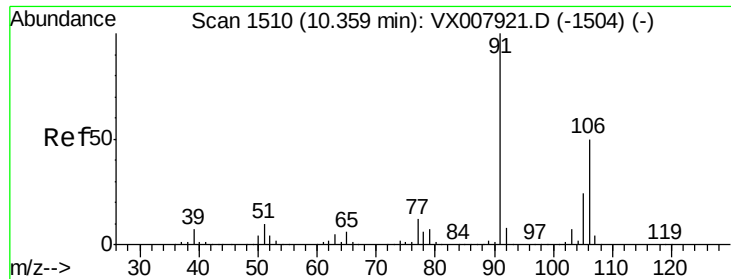
106 31.5 26.0 39.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

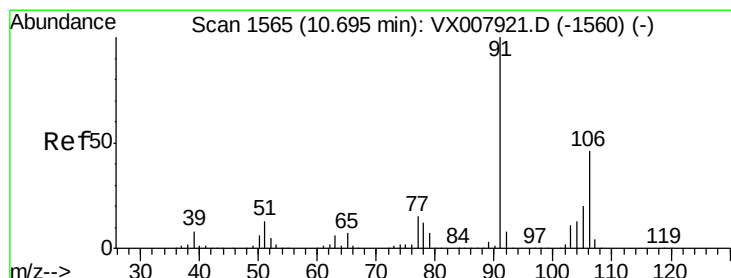
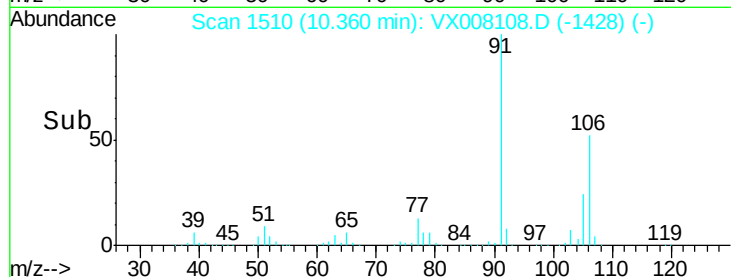
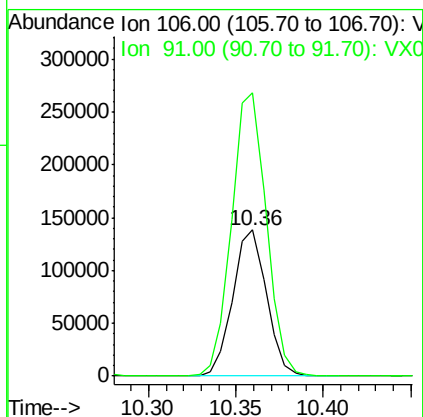
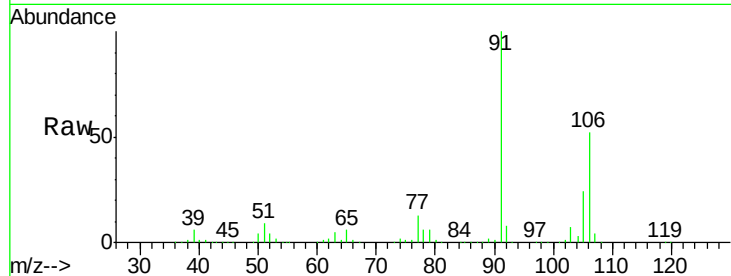




#67
m/p-Xylenes
Concen: 39.310 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX008108.D
Acq: 15 Mar 2019 15:23

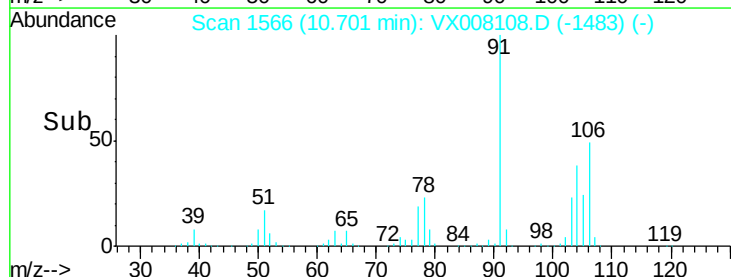
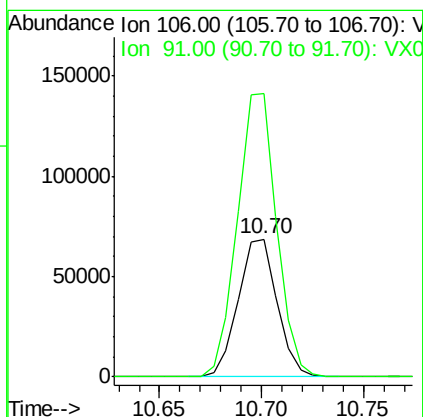
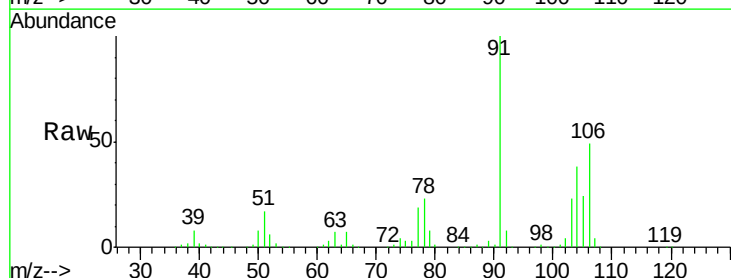
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

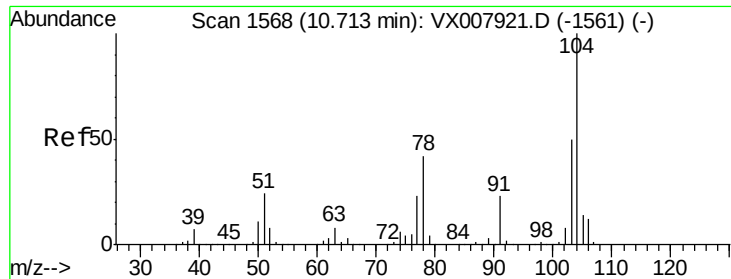
Tot Ion:106 Resp: 186420
Ion Ratio Lower Upper
106 100
91 198.6 157.0 235.4



#68
o-Xylene
Concen: 19.856 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX008108.D
Acq: 15 Mar 2019 15:23

Tgt Ion:106 Resp: 91435
Ion Ratio Lower Upper
106 100
91 206.4 104.4 313.2





#69

Stvrene

Concen: 19.969 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX008108.D

Acq: 15 Mar 2019 15:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

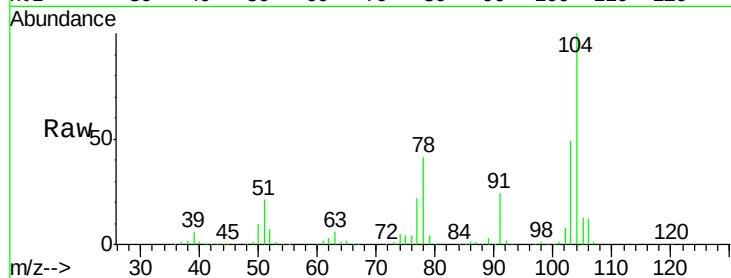
Tot Ion:104 Resp: 151514

Ion Ratio Lower Upper

104 100

78 46.7 38.2 57.2

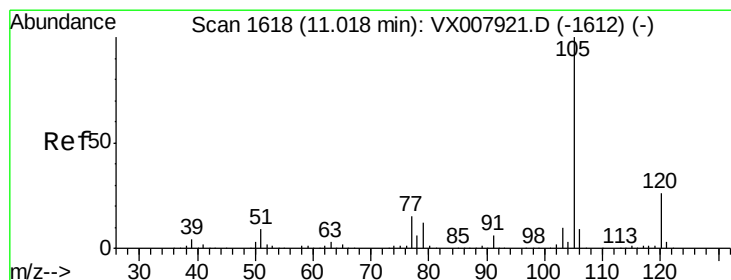
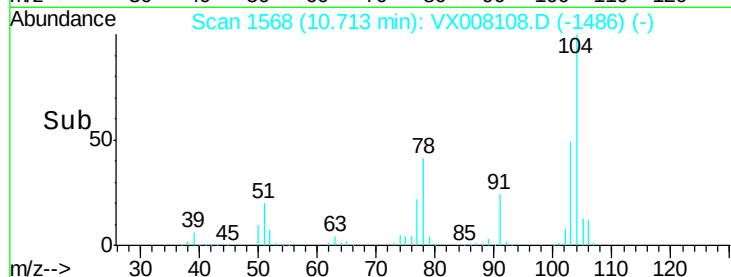
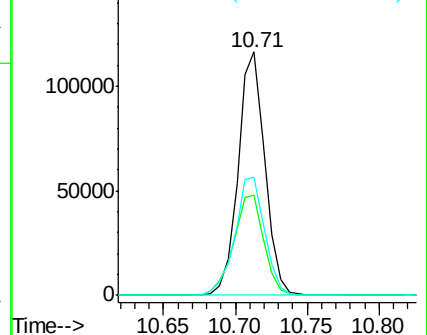
103 54.4 45.0 67.4



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 19.823 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008108.D

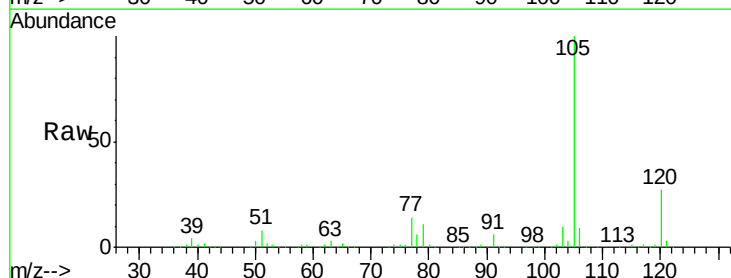
Acq: 15 Mar 2019 15:23

Tgt Ion:105 Resp: 243925

Ion Ratio Lower Upper

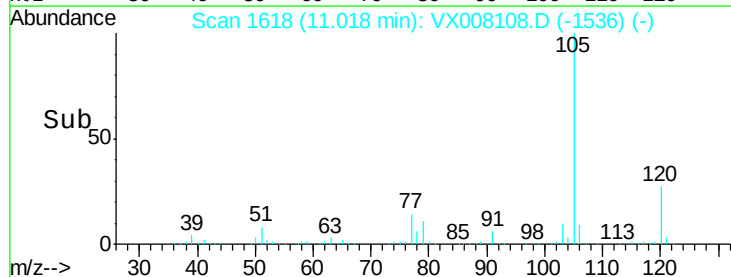
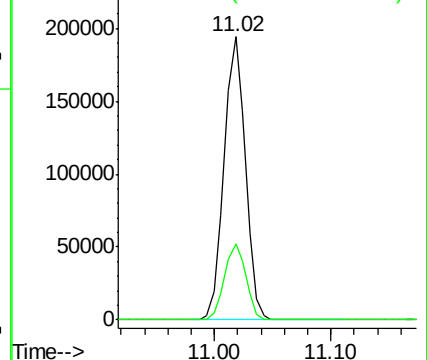
105 100

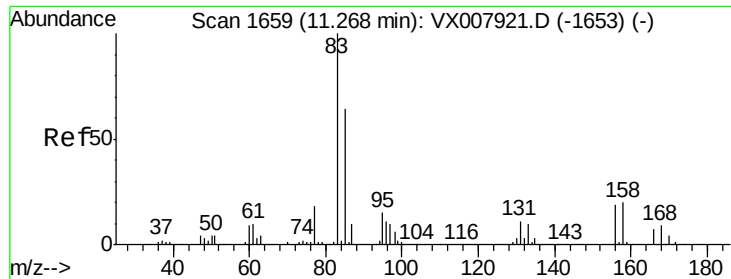
120 27.1 19.8 36.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

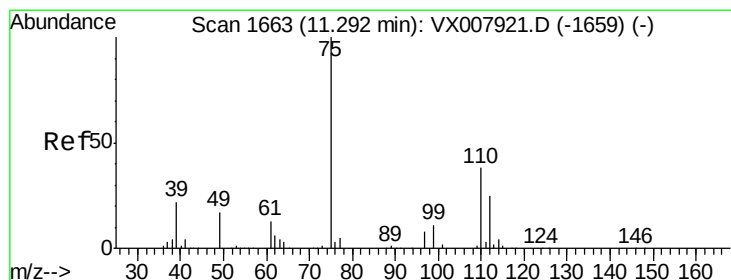
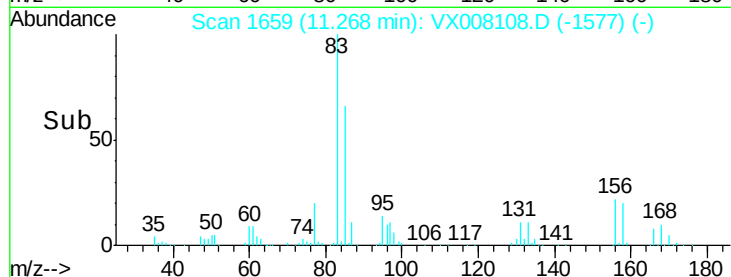
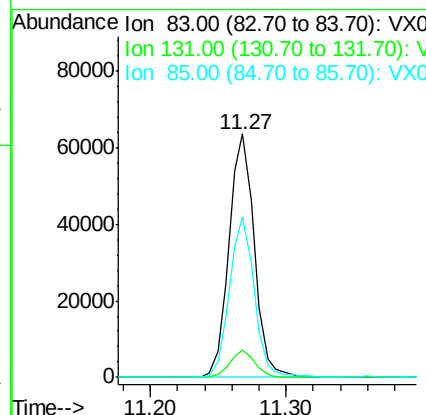
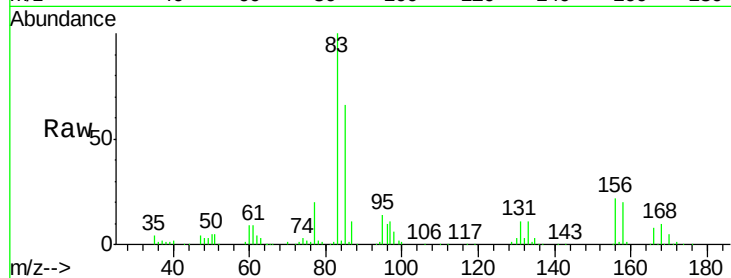




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.147 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. 0.00 min
 Lab File: VX008108.D
 Acq: 15 Mar 2019 15:23

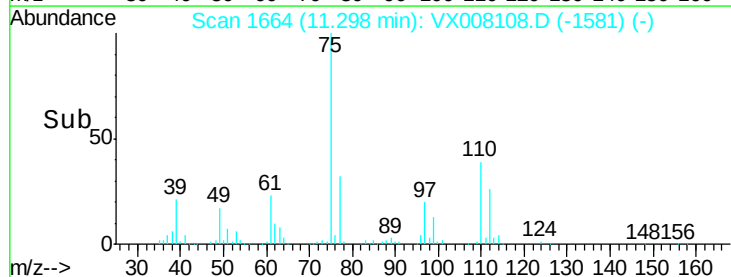
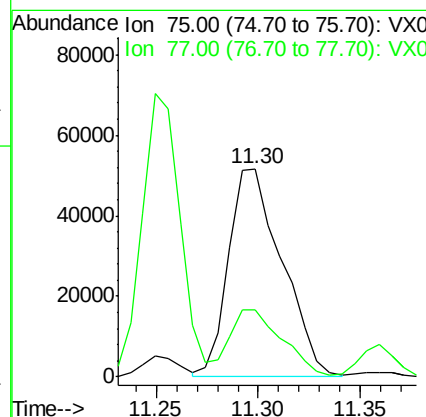
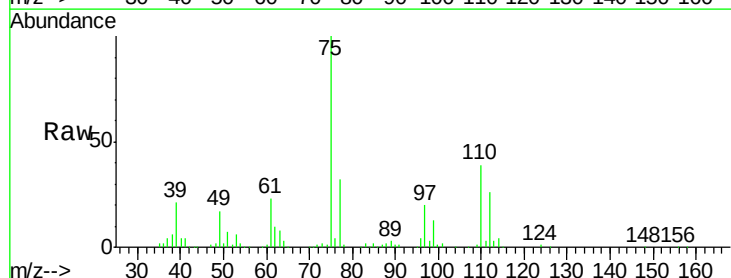
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

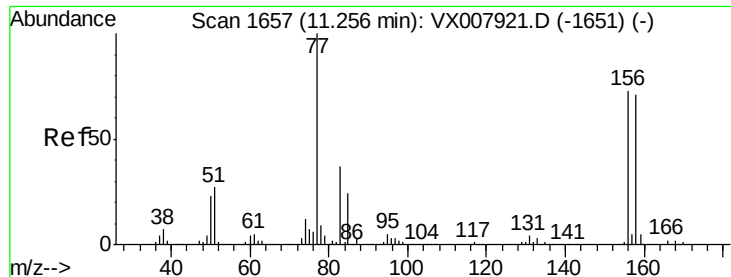
Tot Ion: 83 Resp: 81876
 Ion Ratio Lower Upper
 83 100
 131 11.0 5.4 16.2
 85 65.0 32.8 98.4



#72
 1,2,3-Trichloropropane
 Concen: 24.476 ug/l
 RT: 11.30 min Scan# 1664
 Delta R.T. 0.01 min
 Lab File: VX008108.D
 Acq: 15 Mar 2019 15:23

Tgt Ion: 75 Resp: 93761
 Ion Ratio Lower Upper
 75 100
 77 32.3 0.0 76.4





#73

Bromobenzene

Concen: 20.755 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008108.D

Acq: 15 Mar 2019 15:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

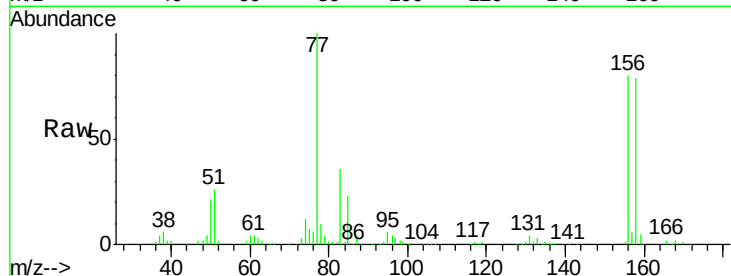
Tot Ion:156 Resp: 67898

Ion Ratio Lower Upper

156 100

77 133.6 0.0 271.4

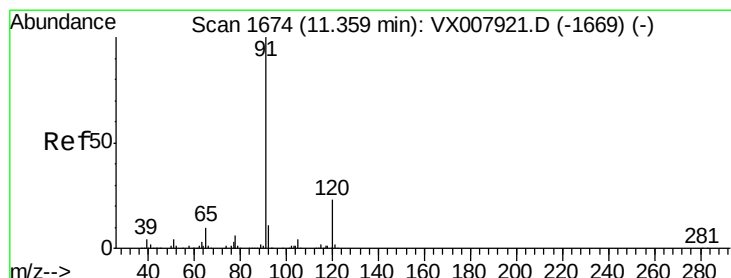
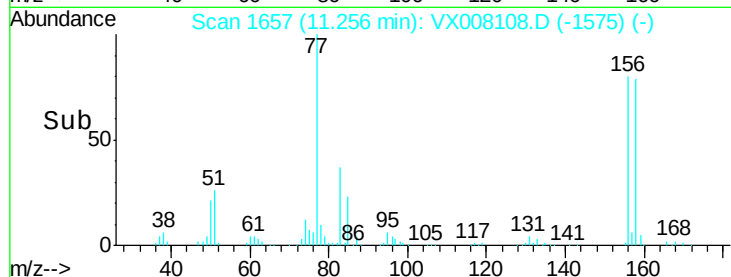
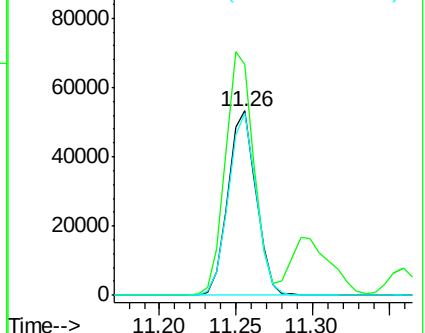
158 98.5 0.0 194.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.086 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008108.D

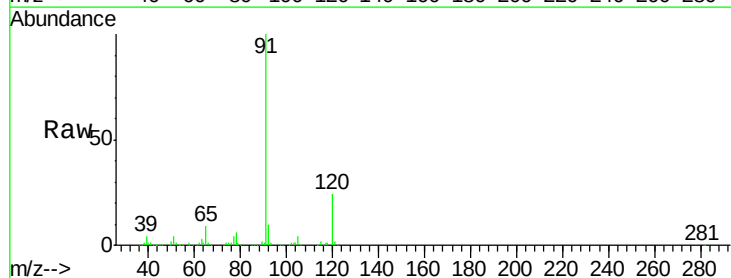
Acq: 15 Mar 2019 15:23

Tgt Ion: 91 Resp: 264912

Ion Ratio Lower Upper

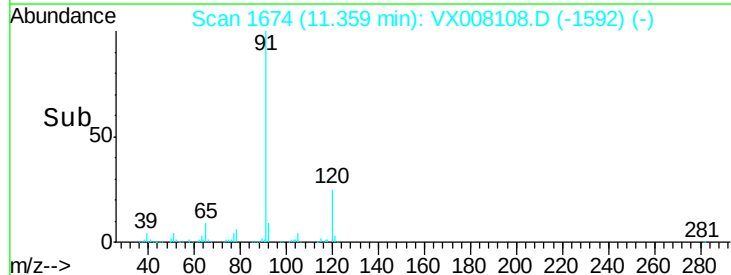
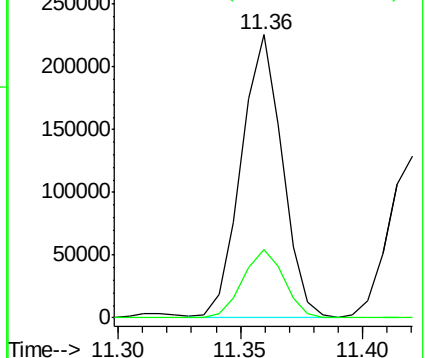
91 100

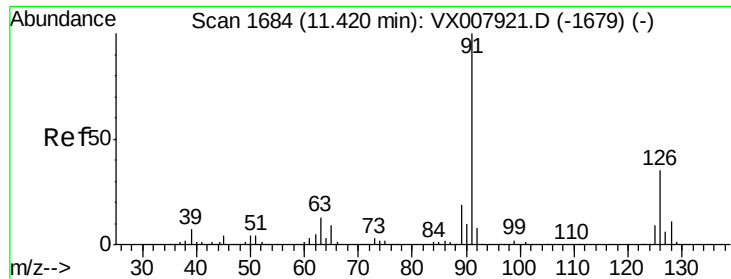
120 24.2 0.0 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.341 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX008108.D

Acq: 15 Mar 2019 15:23

Instrument :

MSVOA_X

ClientSampleId :

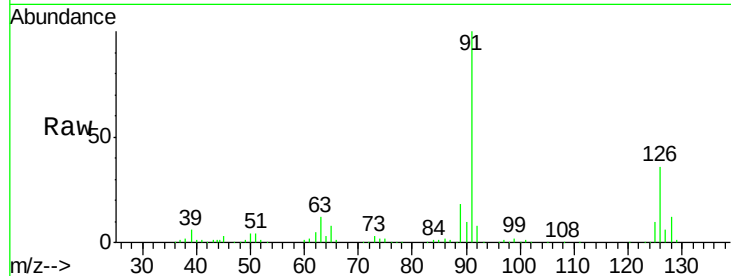
VSTDCCC020EC

Tot Ion: 91 Resp: 160907

Ion Ratio Lower Upper

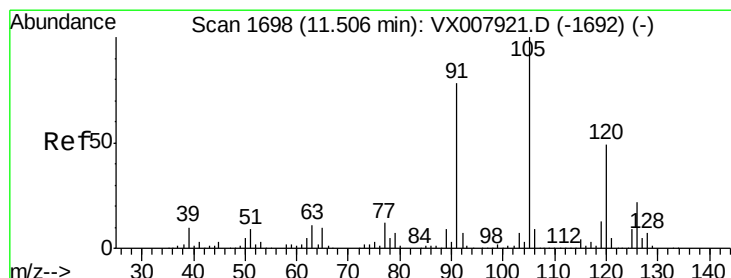
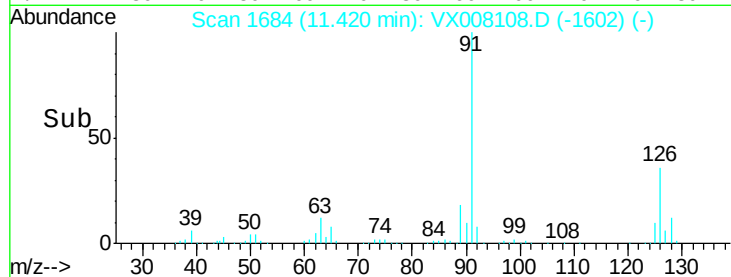
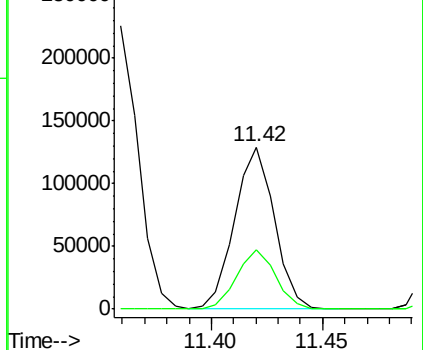
91 100

126 36.2 0.0 75.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 19.811 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX008108.D

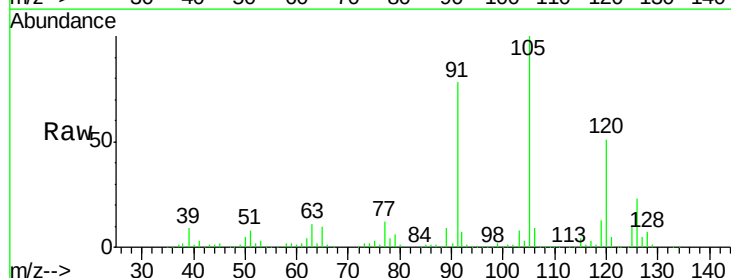
Acq: 15 Mar 2019 15:23

Tgt Ion:105 Resp: 202033

Ion Ratio Lower Upper

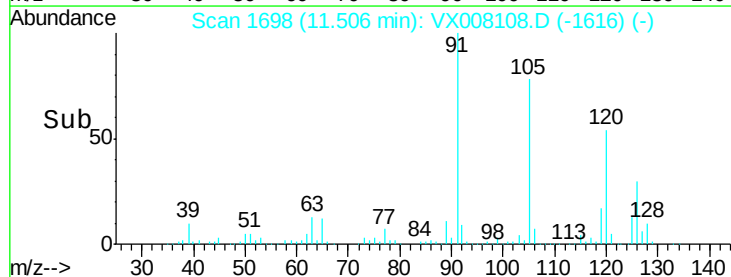
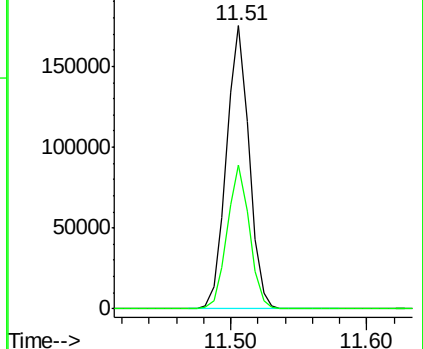
105 100

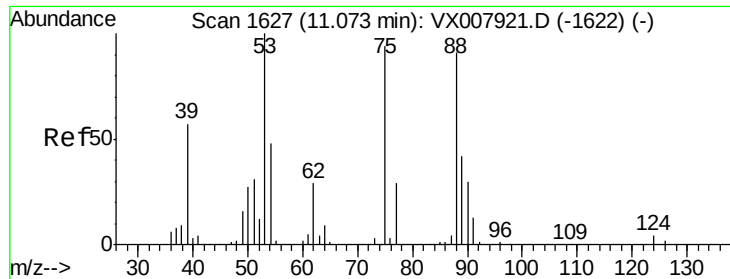
120 49.9 0.0 101.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 19.214 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008108.D

Acq: 15 Mar 2019 15:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

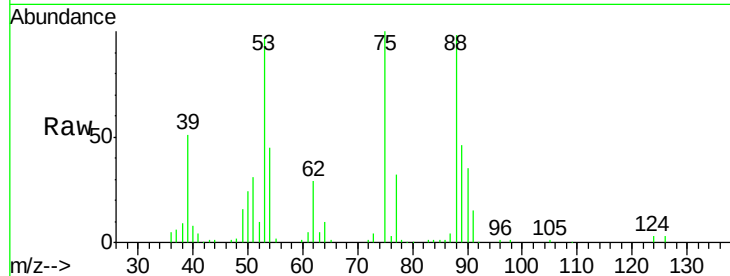
Tot Ion: 75 Resp: 22741

Ion Ratio Lower Upper

75 100

53 97.0 55.5 166.7

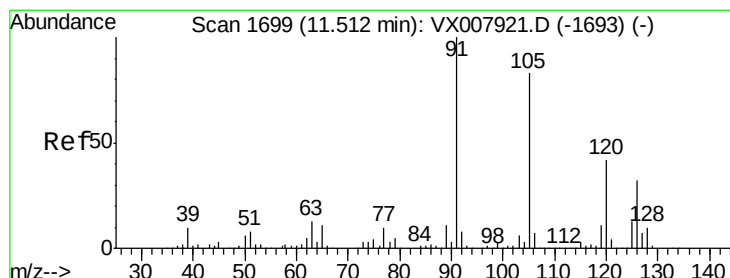
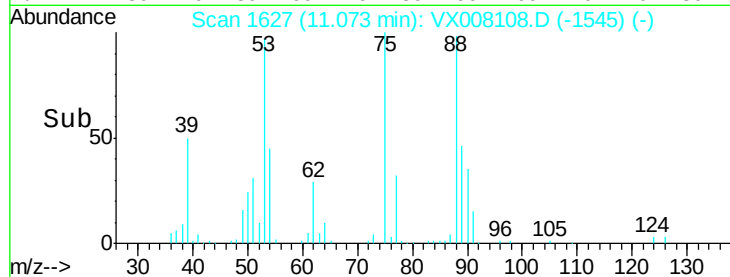
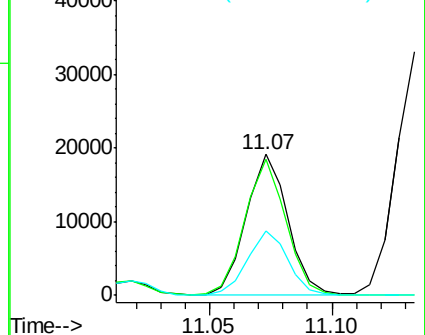
89 46.2 24.4 73.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 19.219 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX008108.D

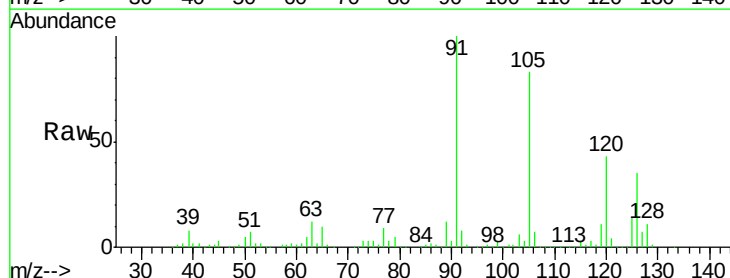
Acq: 15 Mar 2019 15:23

Tgt Ion: 91 Resp: 180776

Ion Ratio Lower Upper

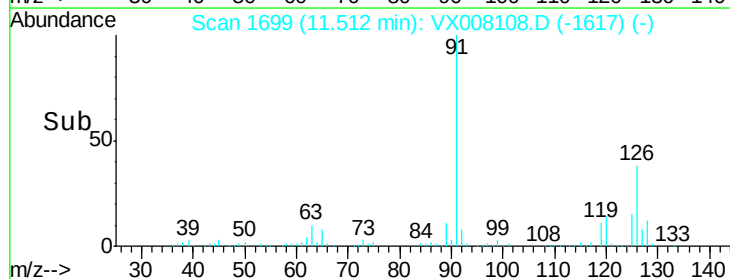
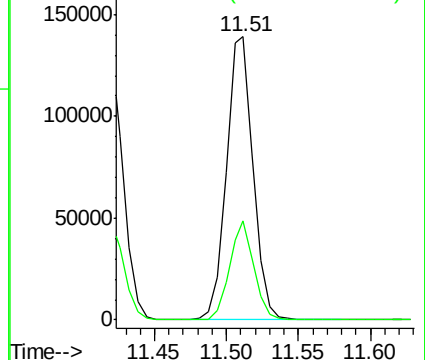
91 100

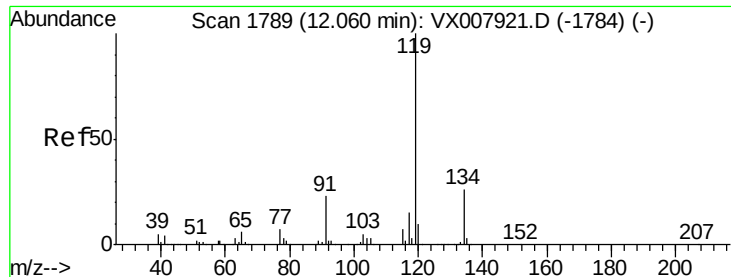
126 31.6 0.0 66.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

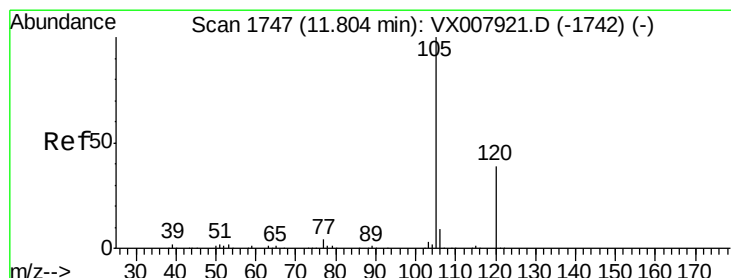
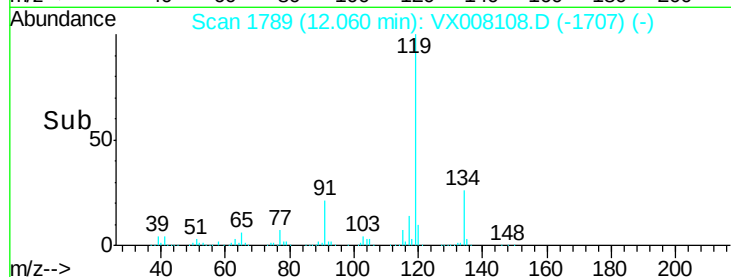
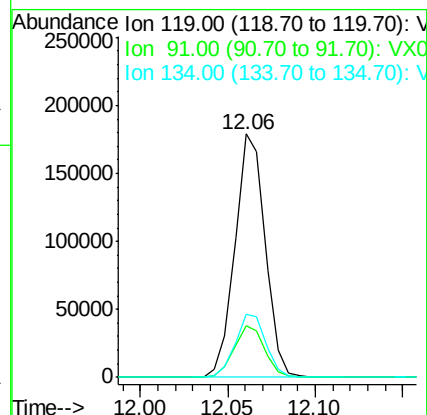
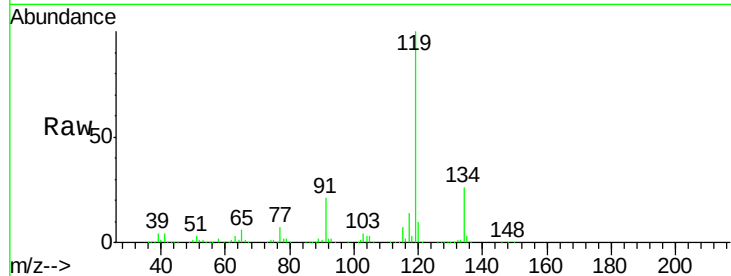




#79
tert-butylbenzene
Concen: 19.667 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX008108.D
Acq: 15 Mar 2019 15:23

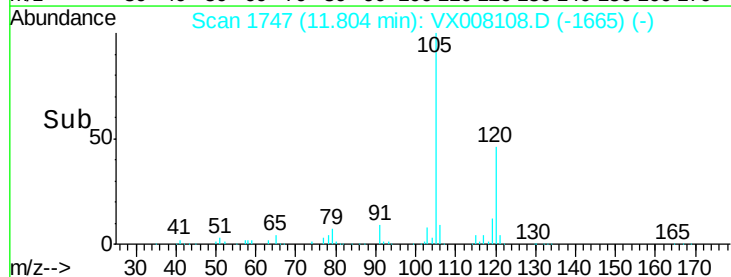
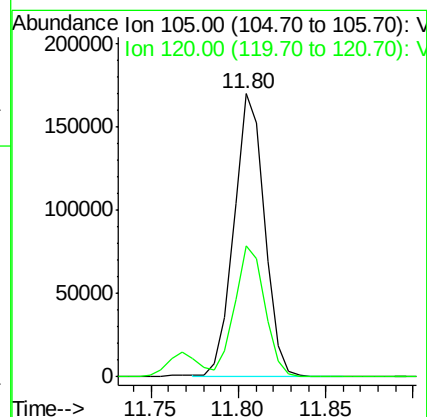
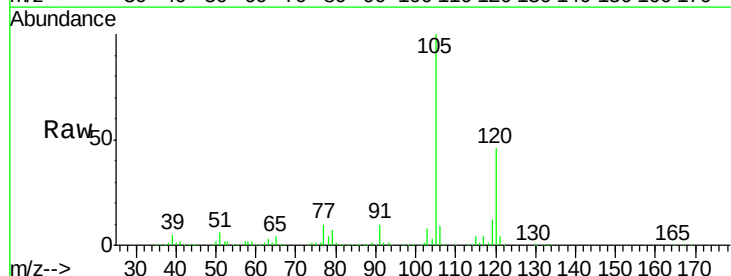
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

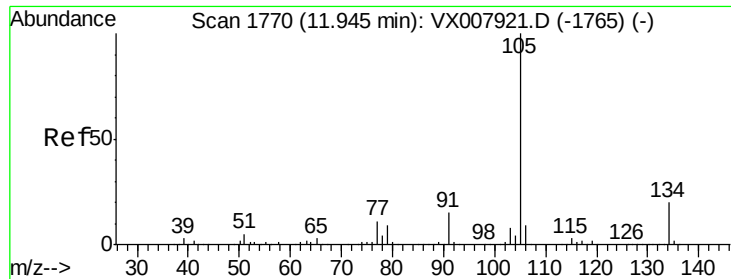
Tot Ion	Ratio	Lower	Upper
119	100		
91	21.3	0.0	45.0
134	26.2	0.0	55.4



#80
1,2,4-Trimethylbenzene
Concen: 19.929 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX008108.D
Acq: 15 Mar 2019 15:23

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	0.0	94.0





#81

sec-Butylbenzene

Concen: 19.340 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008108.D

Acq: 15 Mar 2019 15:23

Instrument :

MSVOA_X

ClientSampleId :

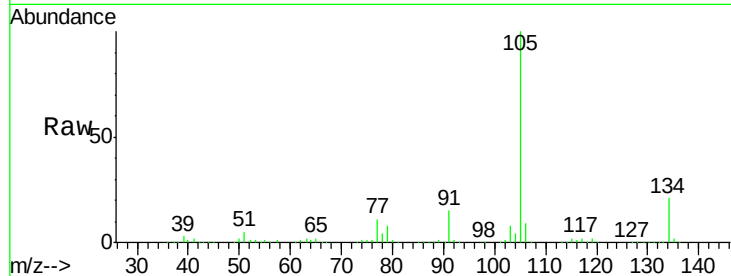
VSTDCCC020EC

Tot Ion:105 Resp: 237065

Ion Ratio Lower Upper

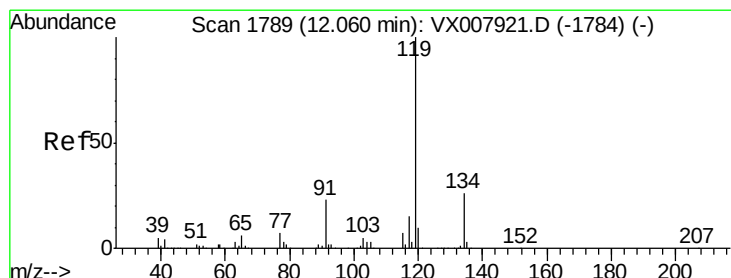
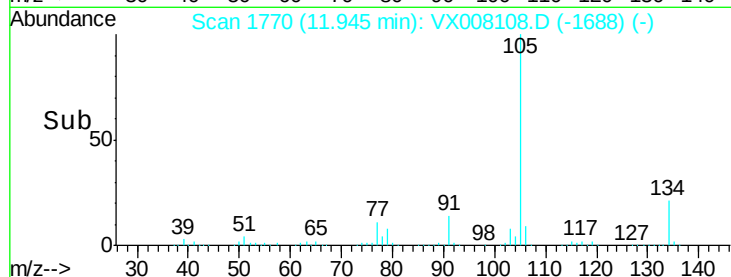
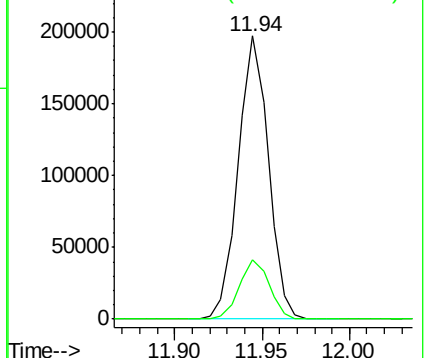
105 100

134 21.0 0.0 41.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 19.667 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008108.D

Acq: 15 Mar 2019 15:23

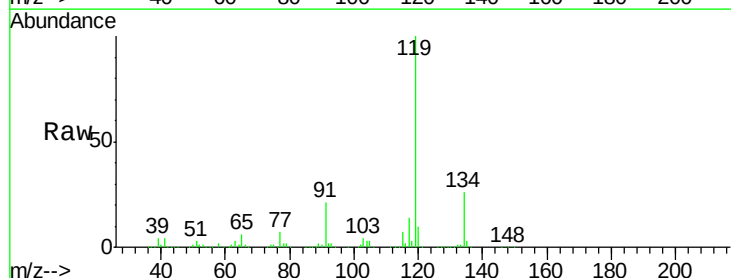
Tgt Ion:119 Resp: 215226

Ion Ratio Lower Upper

119 100

134 26.2 0.0 55.4

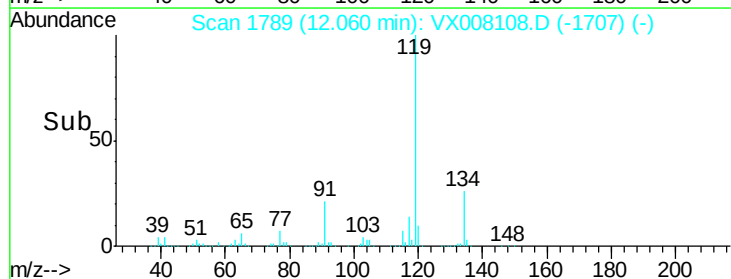
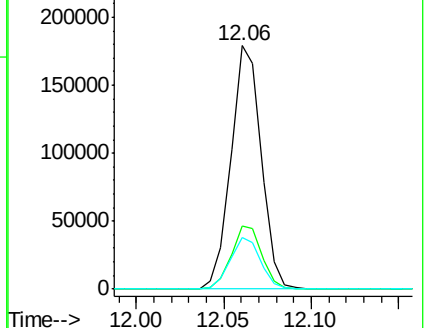
91 21.3 0.0 45.0

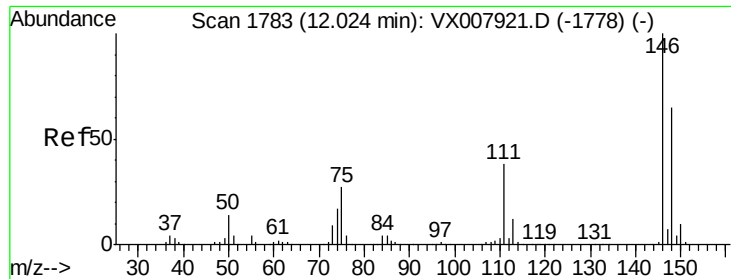


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

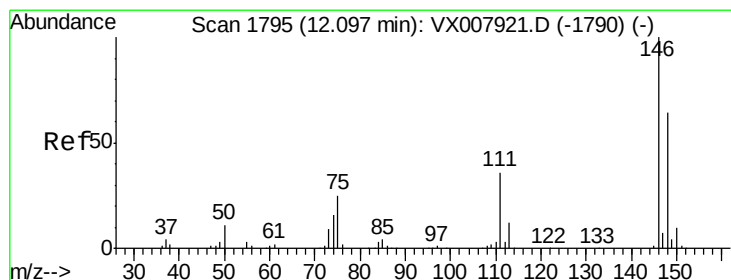
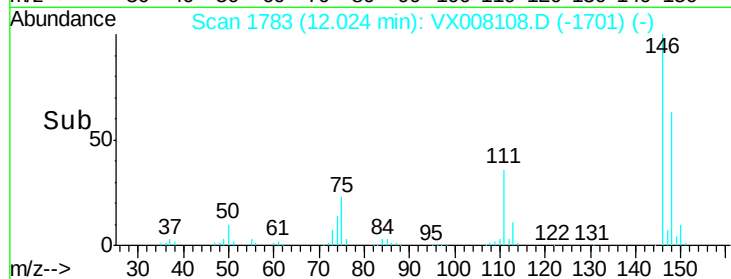
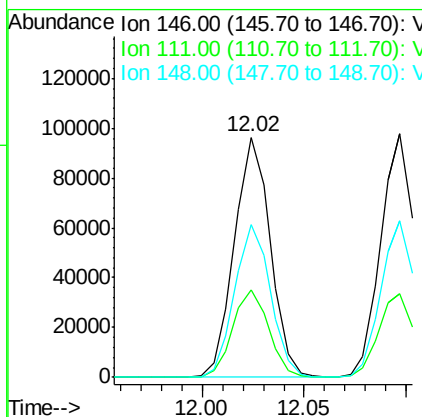
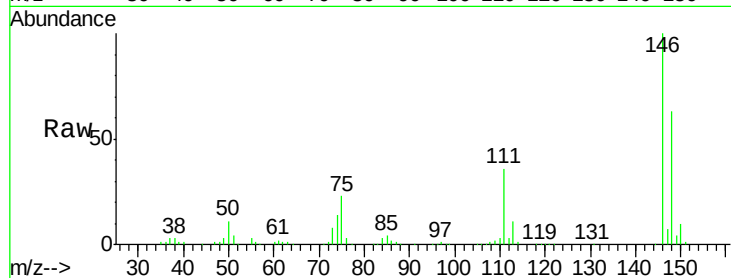




#83
 1,3-Dichlorobenzene
 Concen: 20.266 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX008108.D
 Acq: 15 Mar 2019 15:23

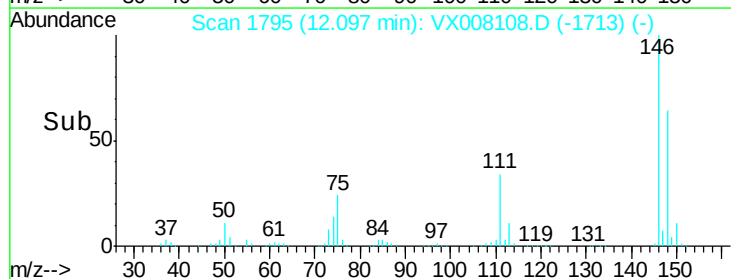
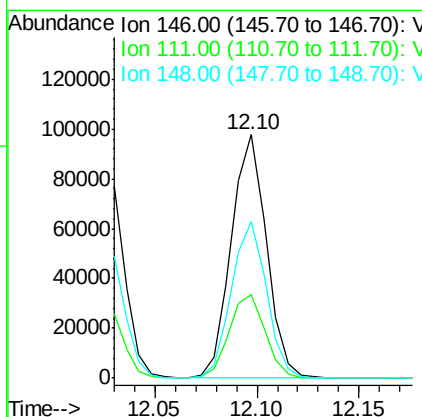
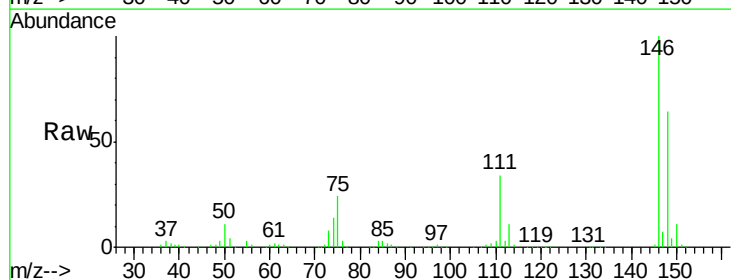
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

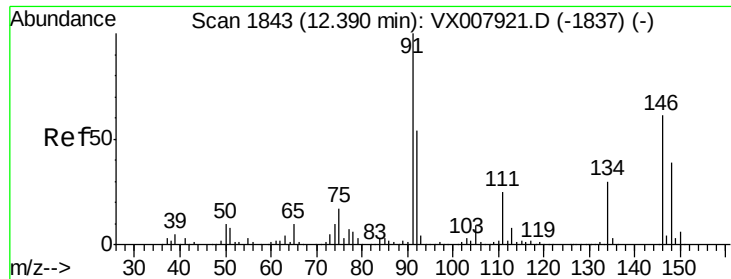
Tot Ion:146 Resp: 118035
 Ion Ratio Lower Upper
 146 100
 111 36.4 18.8 56.3
 148 63.6 30.6 91.8



#84
 1,4-Dichlorobenzene
 Concen: 20.042 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX008108.D
 Acq: 15 Mar 2019 15:23

Tgt Ion:146 Resp: 116793
 Ion Ratio Lower Upper
 146 100
 111 35.3 17.6 52.8
 148 64.1 31.4 94.2





#85

n-Butylbenzene

Concen: 18.002 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.01 min

Lab File: VX008108.D

Acq: 15 Mar 2019 15:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

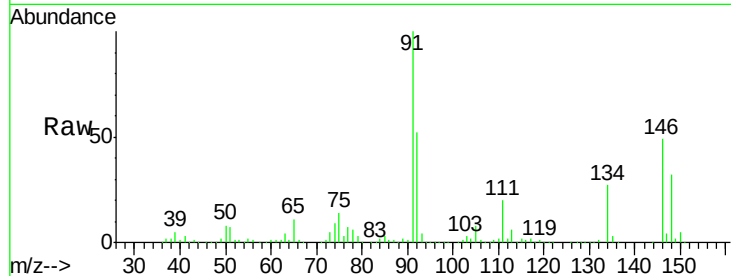
Tot Ion: 91 Resp: 168480

Ion Ratio Lower Upper

91 100

92 52.8 0.0 105.2

134 28.2 0.0 56.4

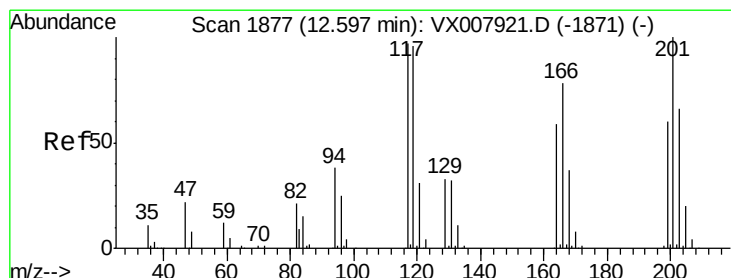
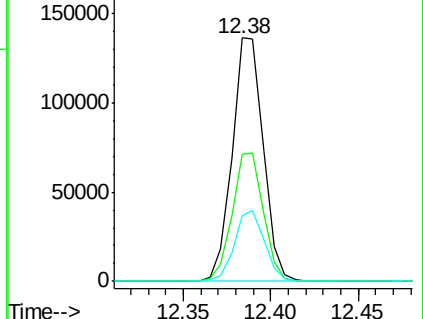
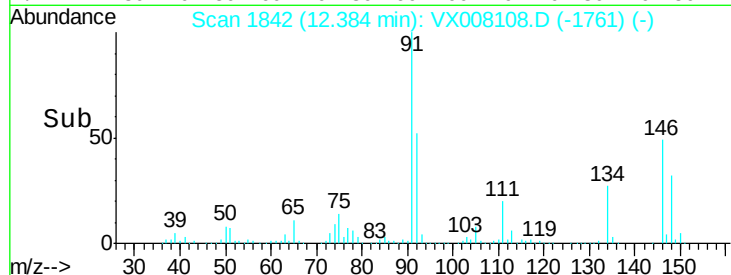


Abundance Ion 91.00 (90.70 to 91.70): VX007921.D (-1837) (-)

Ion 92.00 (91.70 to 92.70): VX007921.D (-1837) (-)

Ion 134.00 (133.70 to 134.70): VX007921.D (-1837) (-)

Time-->



#86

Hexachloroethane

Concen: 19.047 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX008108.D

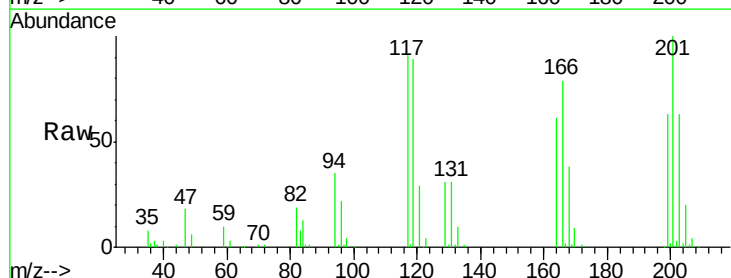
Acq: 15 Mar 2019 15:23

Tgt Ion: 117 Resp: 33962

Ion Ratio Lower Upper

117 100

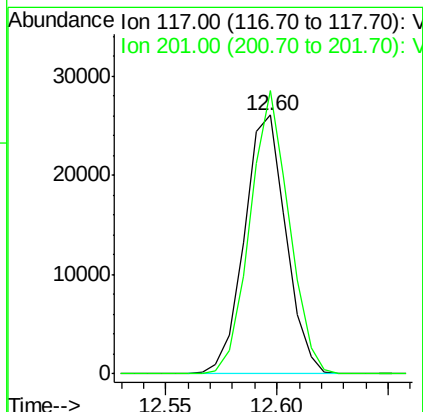
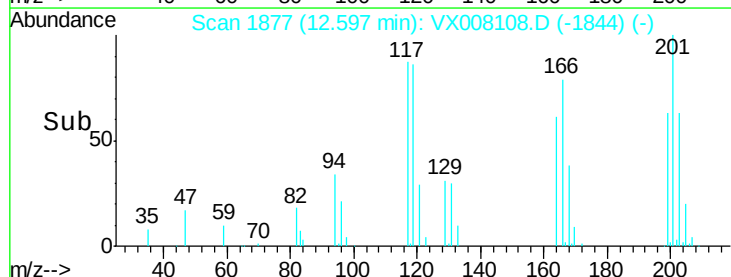
201 102.2 41.1 123.3

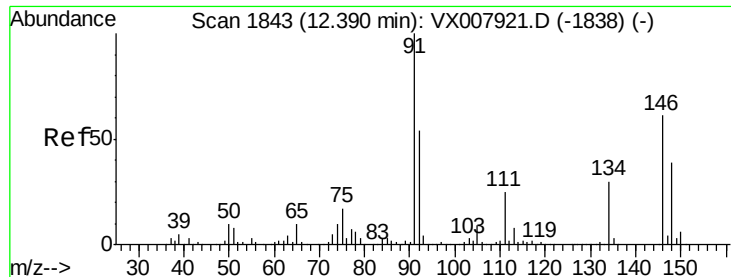


Abundance Ion 117.00 (116.70 to 117.70): VX007921.D (-1871) (-)

Ion 201.00 (200.70 to 201.70): VX007921.D (-1871) (-)

Time-->

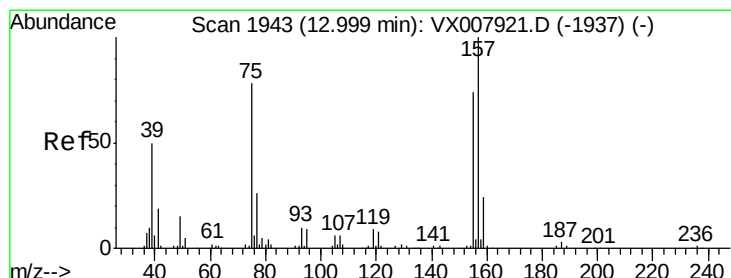
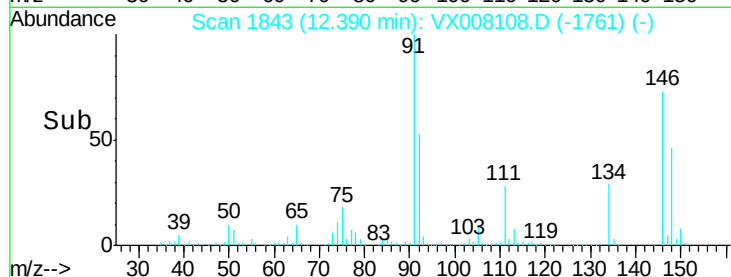
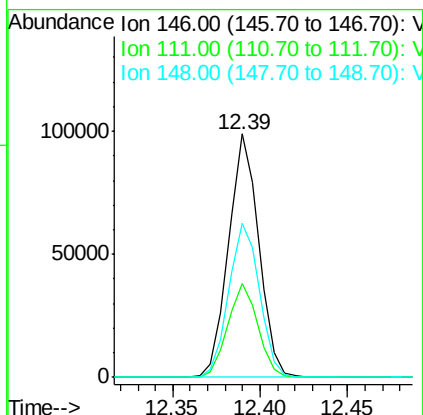
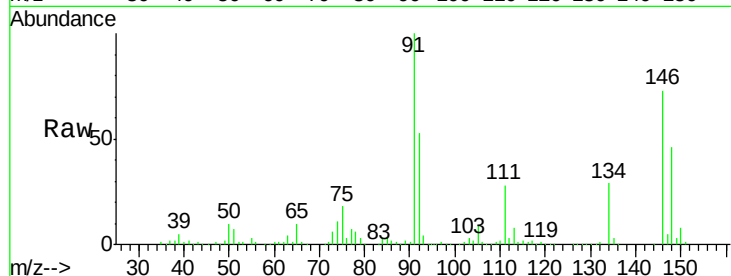




#87
 1,2-Dichlorobenzene
 Concen: 20.722 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX008108.D
 Acq: 15 Mar 2019 15:23

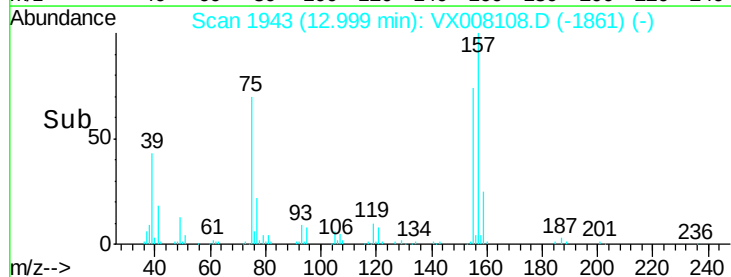
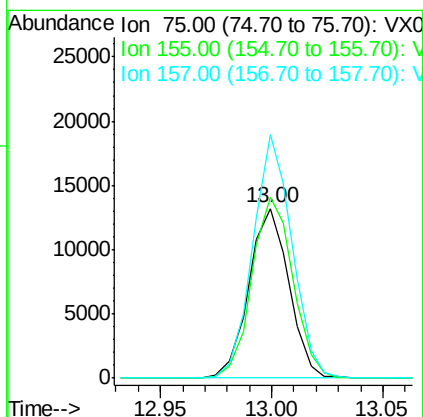
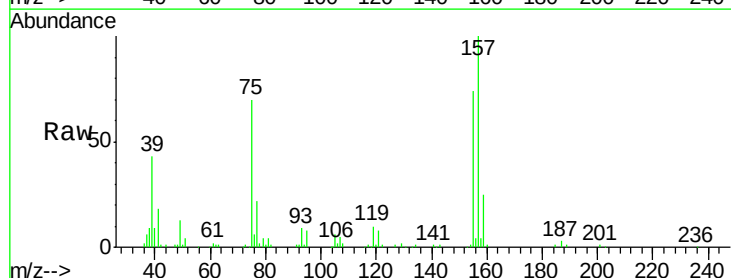
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

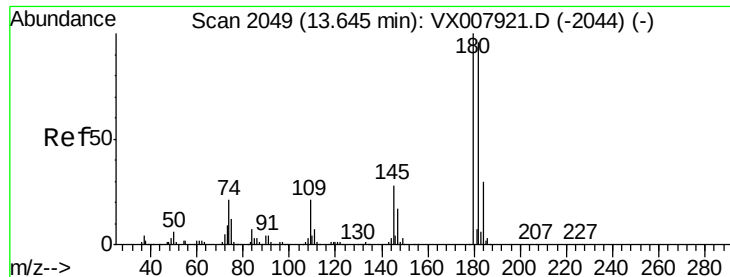
Tot Ion:146 Resp: 119280
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.3 57.8
 148 64.2 32.1 96.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.983 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX008108.D
 Acq: 15 Mar 2019 15:23

Tgt Ion: 75 Resp: 16588
 Ion Ratio Lower Upper
 75 100
 155 108.6 81.0 121.6
 157 139.8 103.2 154.8

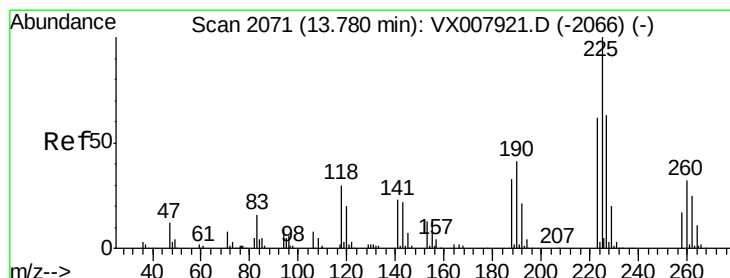
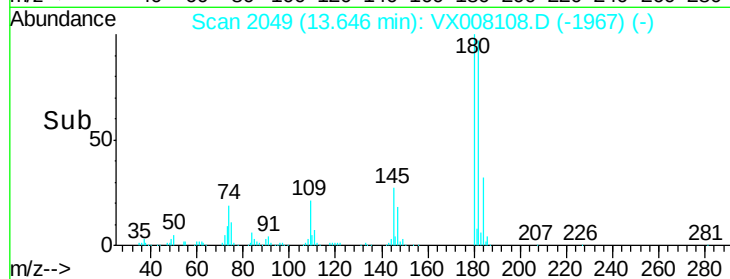
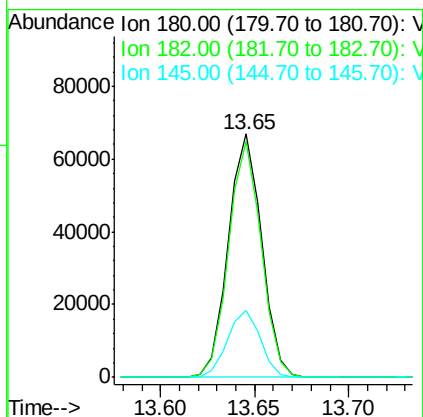
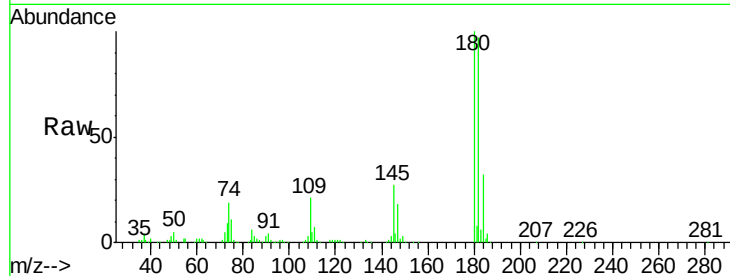




#89
 1,2,4-Trichlorobenzene
 Concen: 19.837 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008108.D
 Acq: 15 Mar 2019 15:23

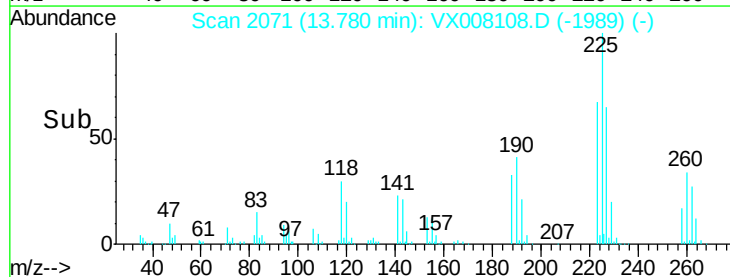
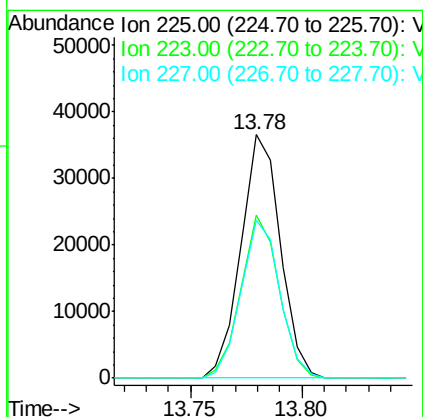
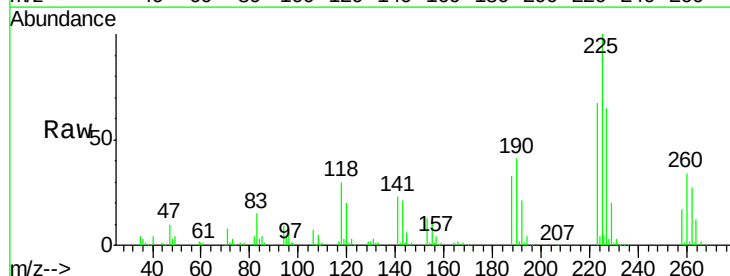
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

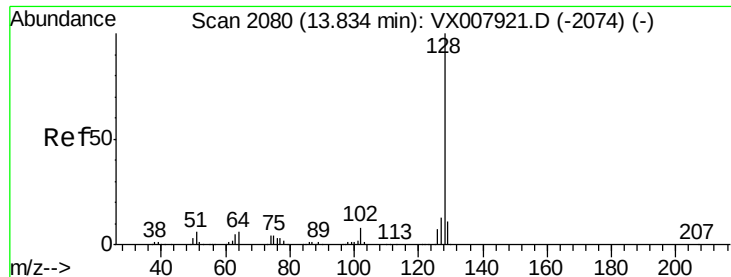
Tot Ion:180 Resp: 82062
 Ion Ratio Lower Upper
 180 100
 182 94.9 75.6 113.4
 145 27.3 23.0 34.6



#90
 Hexachlorobutadiene
 Concen: 19.873 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008108.D
 Acq: 15 Mar 2019 15:23

Tgt Ion:225 Resp: 45341
 Ion Ratio Lower Upper
 225 100
 223 65.0 0.0 123.8
 227 64.0 0.0 124.4

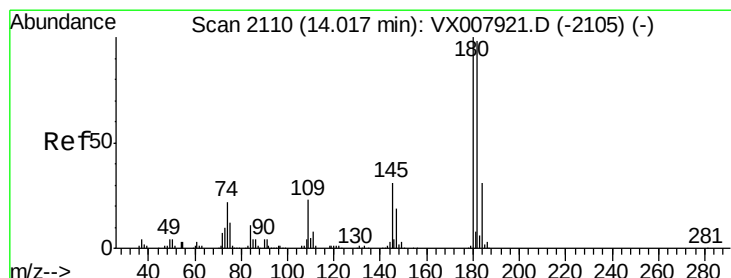
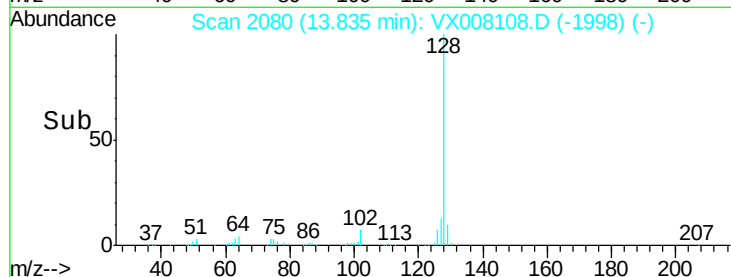
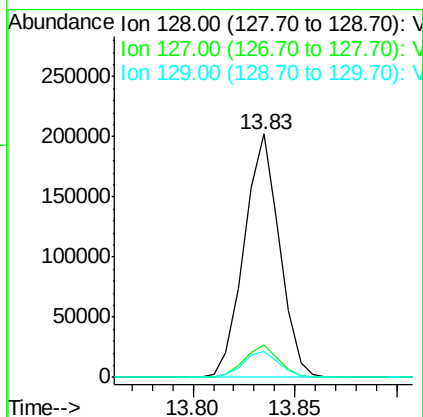
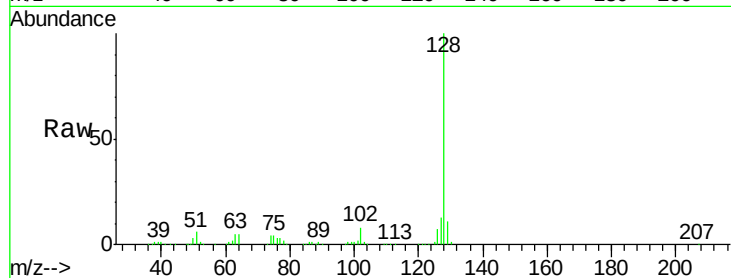




#91
Naphthalene
Concen: 20.514 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX008108.D
Acq: 15 Mar 2019 15:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:128 Resp: 243262
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 11.0 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 20.376 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX008108.D
Acq: 15 Mar 2019 15:23

Tgt Ion:180 Resp: 83781
Ion Ratio Lower Upper
180 100
182 96.2 0.0 193.0
145 29.4 0.0 63.0

