

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX040419\
 Data File : VX008671.D
 Acq On : 05 Apr 2019 05:42
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 05 07:17:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	176113	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	303016	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	274153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	127760	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	129702	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
35) Dibromofluoromethane	5.49	113	95776	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
50) Toluene-d8	8.71	98	389223	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
62) 4-Bromofluorobenzene	11.13	95	143634	52.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.02%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	88702	43.756	ug/l	98
3) Chloromethane	1.32	50	120851	48.596	ug/l	100
4) Vinyl Chloride	1.40	62	123422	45.038	ug/l	98
5) Bromomethane	1.64	94	60181	44.784	ug/l	100
6) Chloroethane	1.71	64	75579	50.532	ug/l	99
7) Trichlorofluoromethane	1.92	101	139062	45.906	ug/l	100
8) Diethyl Ether	2.18	74	65788	45.795	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	86805	44.507	ug/l	98
10) Methyl Iodide	2.51	142	71545	41.056	ug/l	99
11) Tert butyl alcohol	3.06	59	147234	244.832	ug/l	100
12) 1,1-Dichloroethene	2.37	96	92518	45.441	ug/l	97
13) Acrolein	2.29	56	51094	171.347	ug/l	99
14) Allyl chloride	2.73	41	207200	44.454	ug/l	99
15) Acrylonitrile	3.14	53	367440	230.641	ug/l	99
16) Acetone	2.45	43	316066	213.630	ug/l	99
17) Carbon Disulfide	2.57	76	270938	46.023	ug/l	99
18) Methyl Acetate	2.78	43	163293	45.508	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	346801	47.696	ug/l	100
20) Methylene Chloride	2.85	84	110872	44.769	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	97166	44.120	ug/l	95
22) Diisopropyl ether	3.85	45	421884	46.962	ug/l	94
23) Vinyl Acetate	3.81	43	1855449	237.418	ug/l	99
24) 1,1-Dichloroethane	3.70	63	204938	46.076	ug/l	100
25) 2-Butanone	4.67	43	543085	232.247	ug/l	100
26) 2,2-Dichloropropane	4.58	77	101815	32.501	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	117481	46.398	ug/l	97
28) Bromochloromethane	5.01	49	105491	57.214	ug/l	99
29) Tetrahydrofuran	5.13	42	360089	232.009	ug/l	100
30) Chloroform	5.21	83	184586	46.464	ug/l	99
31) Cyclohexane	5.58	56	198521	44.730	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	151173	47.090	ug/l	99
36) 1,1-Dichloropropene	5.80	75	143031	43.182	ug/l	100
37) Ethyl Acetate	4.84	43	204548	46.265	ug/l	100
38) Carbon Tetrachloride	5.78	117	126034	45.974	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	171826	41.993	ug/l	99
40) Benzene	6.14	78	442966	44.891	ug/l	99
41) Methacrylonitrile	5.04	41	116446	45.821	ug/l	99
42) 1,2-Dichloroethane	6.19	62	156729	44.304	ug/l	100
43) Isopropyl Acetate	6.45	43	328628	47.450	ug/l	99
44) Trichloroethene	7.21	130	103480	45.026	ug/l	98
45) 1,2-Dichloropropane	7.51	63	126157	44.793	ug/l	99
46) Dibromomethane	7.66	93	72850	44.597	ug/l	99
47) Bromodichloromethane	7.90	83	143029	46.439	ug/l	99
48) Methyl methacrylate	7.77	41	166190	47.437	ug/l	99
49) 1,4-Dioxane	7.74	88	61447	936.280	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1083145	242.945	ug/l	100
52) Toluene	8.78	92	267327	45.952	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	158145	45.838	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	175153	44.430	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	108222	46.344	ug/l	97
56) Ethyl methacrylate	9.18	69	206336	48.836	ug/l	100
57) 1,3-Dichloropropane	9.37	76	192711	45.958	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	514445	238.454	ug/l	100
59) 2-Hexanone	9.49	43	829644	239.448	ug/l	100
60) Dibromochloromethane	9.58	129	106544	48.418	ug/l	100
61) 1,2-Dibromoethane	9.67	107	110646	45.514	ug/l	98
64) Tetrachloroethene	9.34	164	93072	45.821	ug/l	99
65) Chlorobenzene	10.14	112	275083	45.266	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	97930	45.934	ug/l	99
67) Ethyl Benzene	10.25	91	513256	45.293	ug/l	100
68) m/p-Xylenes	10.36	106	370968	91.048	ug/l	100
69) o-Xylene	10.69	106	182600	46.245	ug/l	100
70) Styrene	10.71	104	320955	47.155	ug/l	100
71) Bromoform	10.85	173	79043	48.544	ug/l #	99
73) Isopropylbenzene	11.02	105	480274	45.361	ug/l	100
74) N-amyl acetate	10.90	43	295649	47.461	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	181214	45.003	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	207042	58.992	ug/l	82
77) Bromobenzene	11.26	156	116882	45.920	ug/l	99
78) n-propylbenzene	11.36	91	554078	44.944	ug/l	100
79) 2-Chlorotoluene	11.42	91	334970	44.899	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	403050	45.350	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	53886	42.323	ug/l	98
82) 4-Chlorotoluene	11.51	91	385470	44.637	ug/l	100
83) tert-Butylbenzene	11.77	119	388758	45.466	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	409888	45.547	ug/l	100
85) sec-Butylbenzene	11.94	105	461369	45.426	ug/l	100
86) p-Isopropyltoluene	12.06	119	413049	45.311	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	205891	45.184	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	205855	44.613	ug/l	99
89) n-Butylbenzene	12.38	91	374808	43.842	ug/l	99
90) Hexachloroethane	12.60	117	70873	46.875	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	205471	45.415	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	39315	44.383	ug/l	99

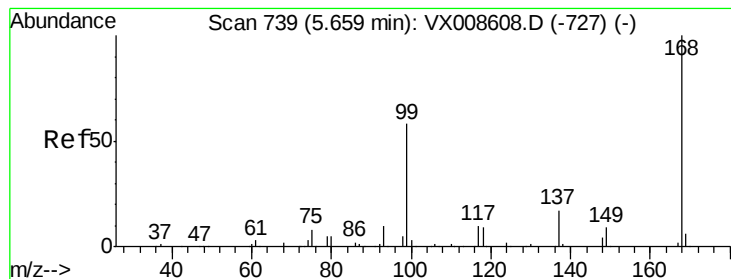
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	140060	44.525	ug/l	100
94) Hexachlorobutadiene	13.78	225	66080	43.802	ug/l	99
95) Naphthalene	13.83	128	482816	45.923	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	141008	44.865	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

Instrument :

MSVOA_X

ClientSampleId :

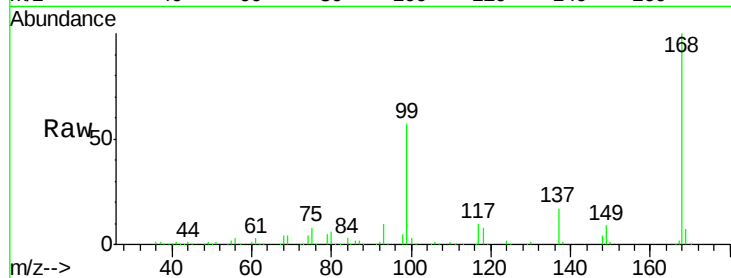
VSTDCCC050EC

Tgt Ion:168 Resp: 176113

Ion Ratio Lower Upper

168 100

99 56.9 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

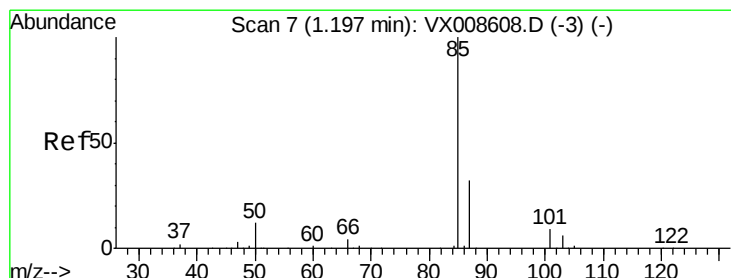
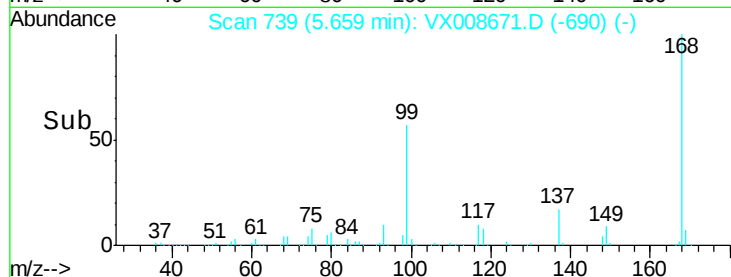
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 43.756 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008671.D

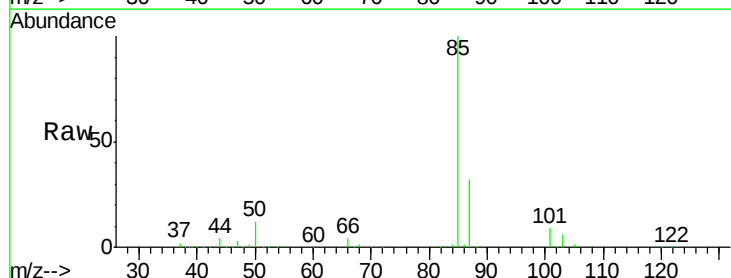
Acq: 05 Apr 2019 05:42

Tgt Ion: 85 Resp: 88702

Ion Ratio Lower Upper

85 100

87 32.5 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

60000

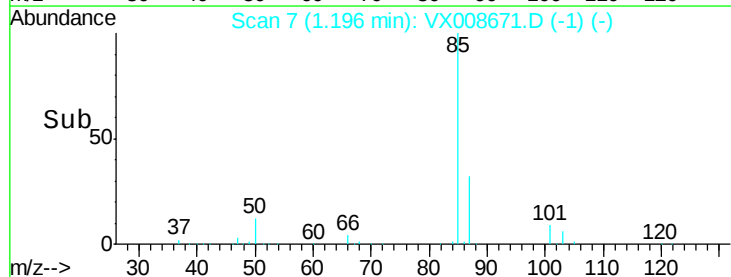
40000

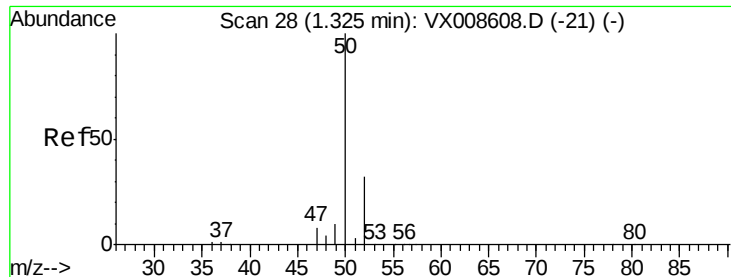
20000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 48.596 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

Instrument :

MSVOA_X

ClientSampleId :

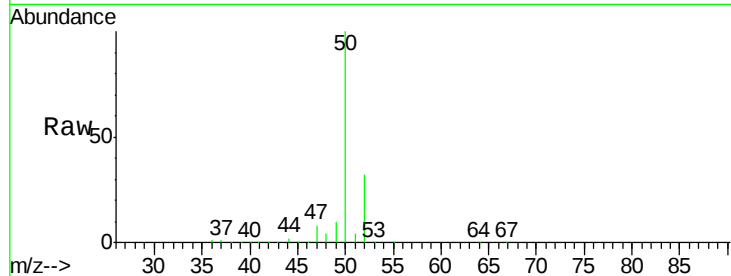
VSTDCCC050EC

Tgt Ion: 50 Resp: 120851

Ion Ratio Lower Upper

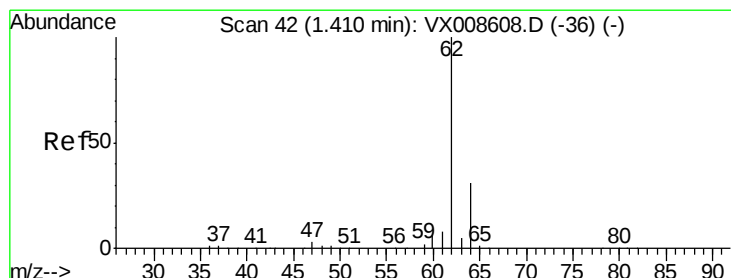
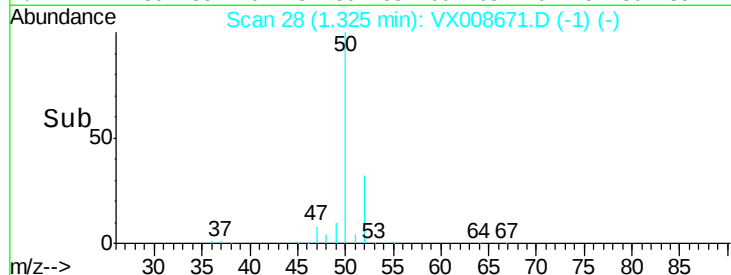
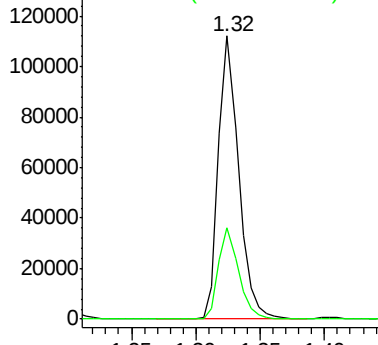
50 100

52 32.1 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 45.038 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX008671.D

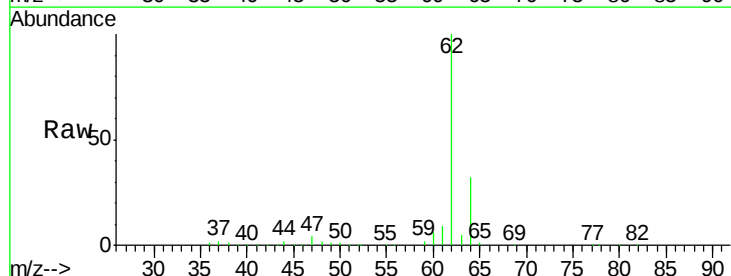
Acq: 05 Apr 2019 05:42

Tgt Ion: 62 Resp: 123422

Ion Ratio Lower Upper

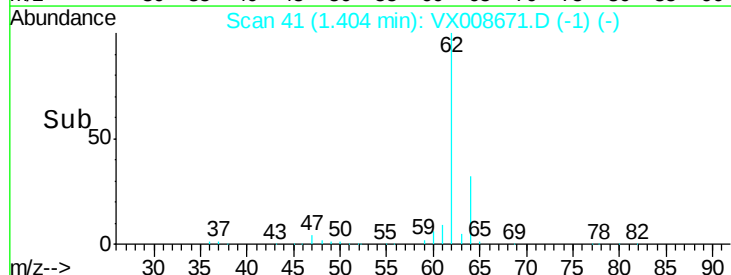
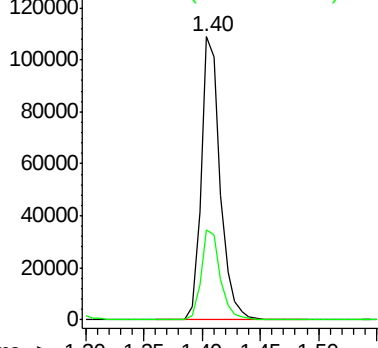
62 100

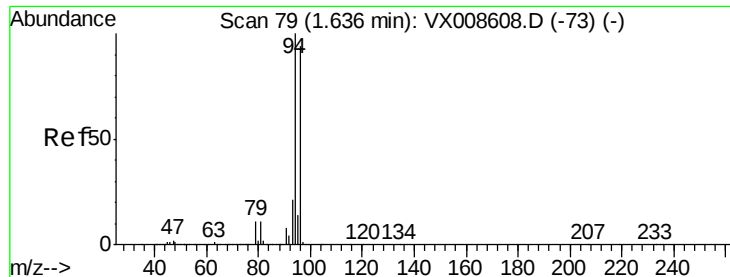
64 31.8 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 44.784 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

Instrument :

MSVOA_X

ClientSampleId :

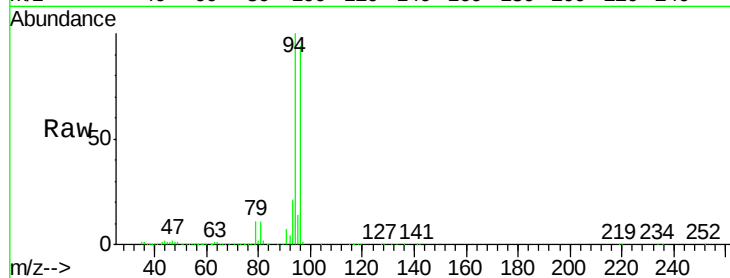
VSTDCCC050EC

Tgt Ion: 94 Resp: 60181

Ion Ratio Lower Upper

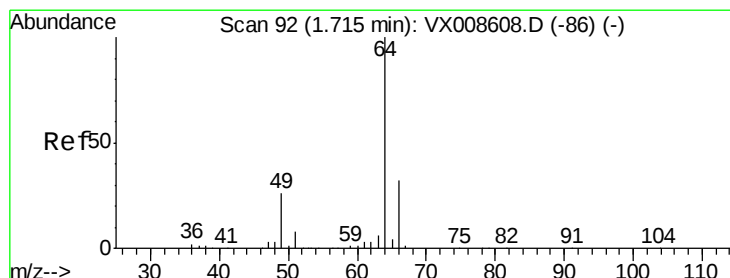
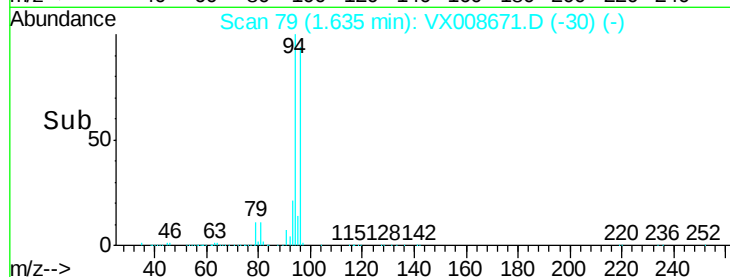
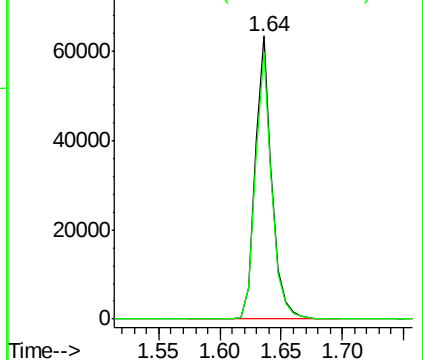
94 100

96 94.2 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 50.532 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX008671.D

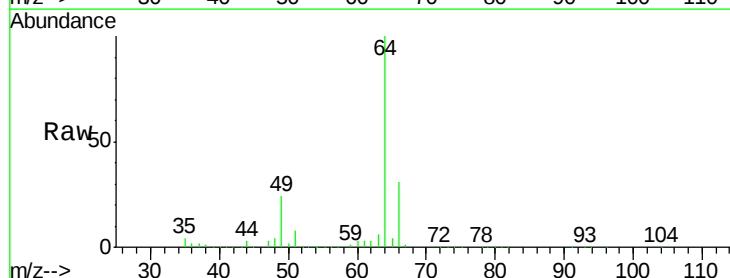
Acq: 05 Apr 2019 05:42

Tgt Ion: 64 Resp: 75579

Ion Ratio Lower Upper

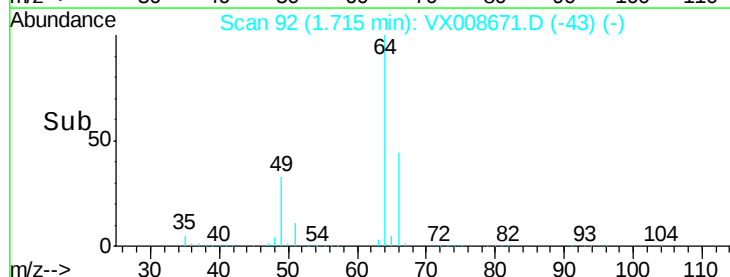
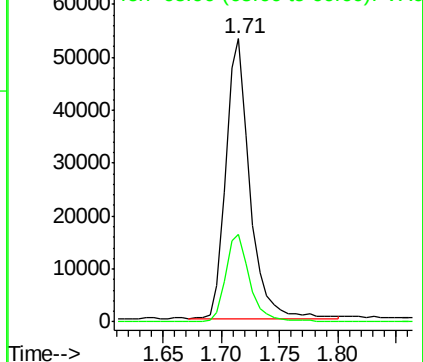
64 100

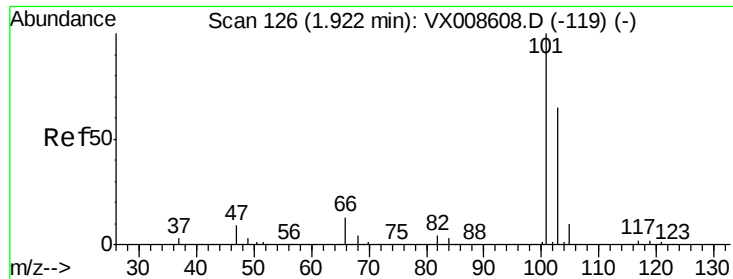
66 31.2 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 45.906 ug/l

RT: 1.92 min Scan# 126

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

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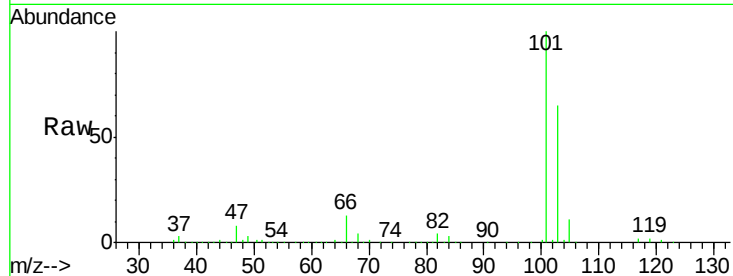
VSTDCCC050EC

Tgt Ion:101 Resp: 139062

Ion Ratio Lower Upper

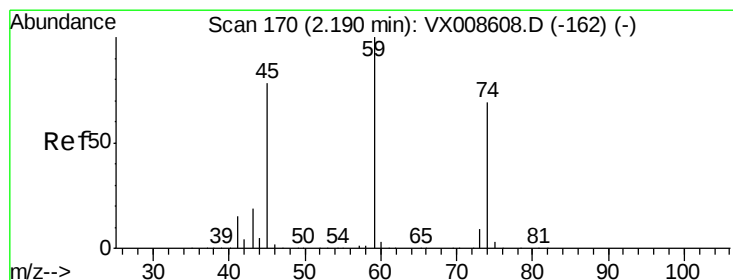
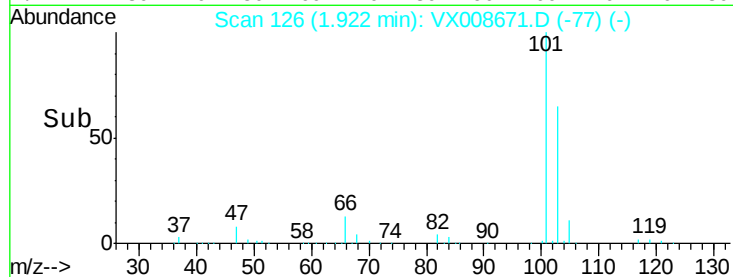
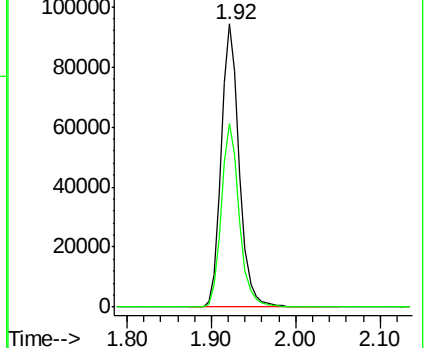
101 100

103 65.1 52.3 78.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 45.795 ug/l

RT: 2.18 min Scan# 169

Delta R.T. -0.01 min

Lab File: VX008671.D

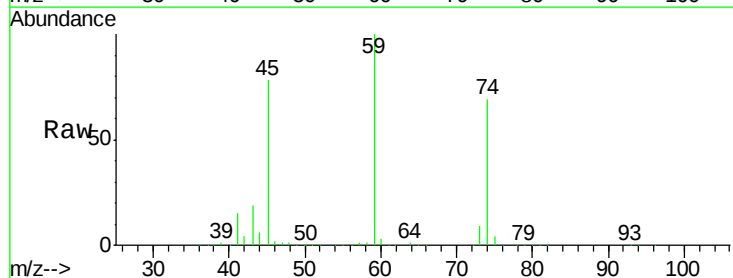
Acq: 05 Apr 2019 05:42

Tgt Ion: 74 Resp: 65788

Ion Ratio Lower Upper

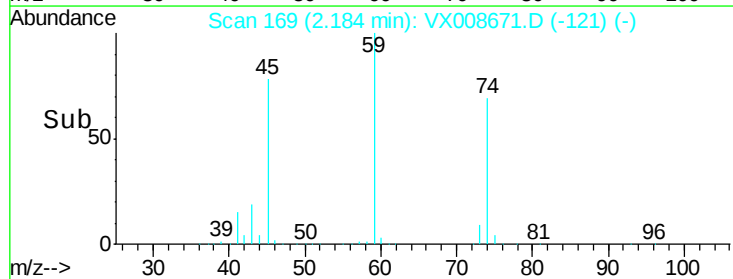
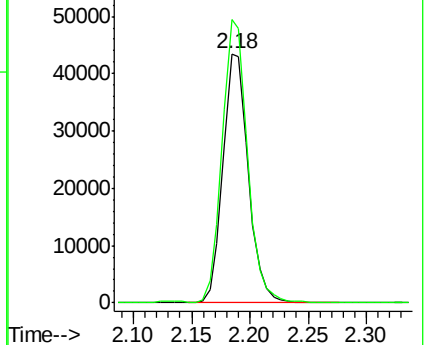
74 100

45 112.7 56.5 169.5



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.507 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

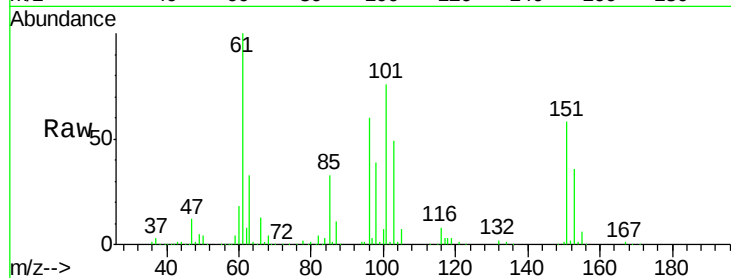
Tgt Ion:101 Resp: 86805

Ion Ratio Lower Upper

101 100

85 43.8 36.0 54.0

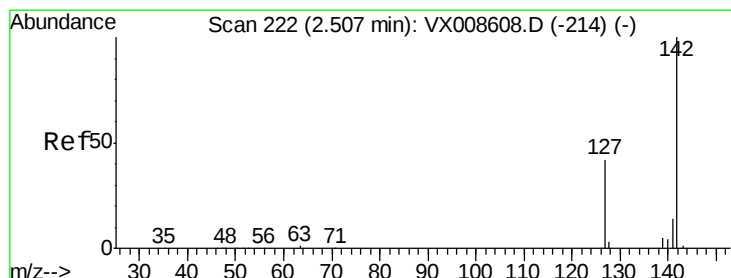
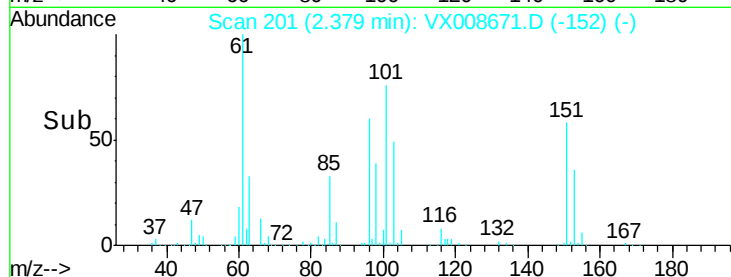
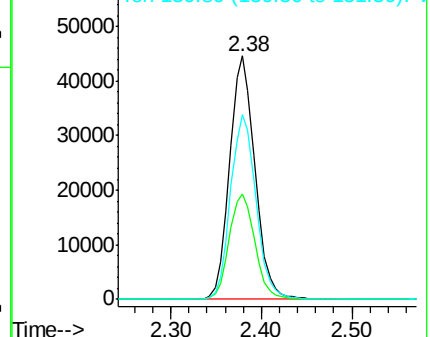
151 76.3 59.9 89.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 41.056 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

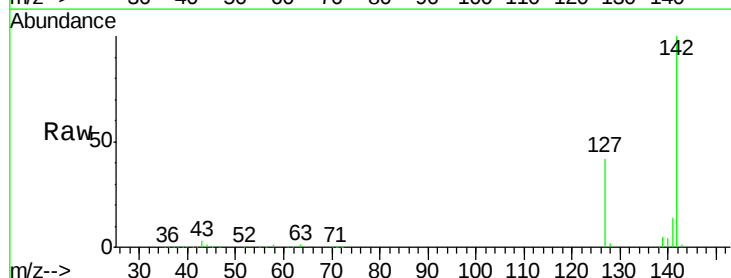
Tgt Ion:142 Resp: 71545

Ion Ratio Lower Upper

142 100

127 40.7 33.0 49.6

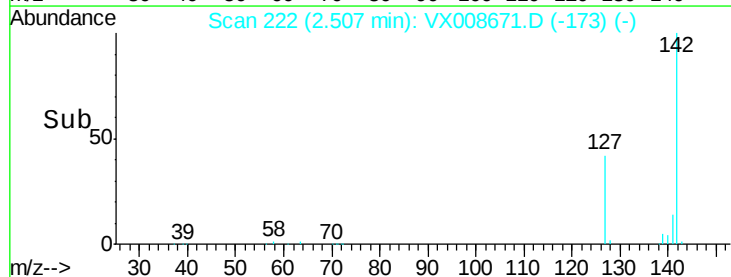
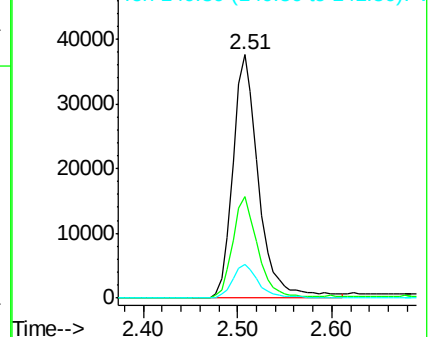
141 14.1 11.4 17.2

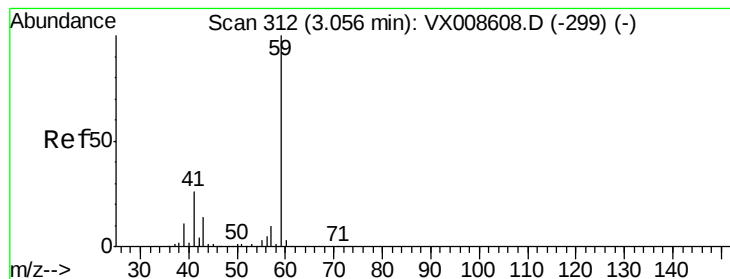


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



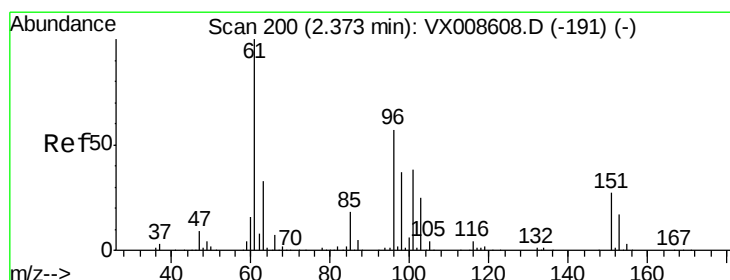
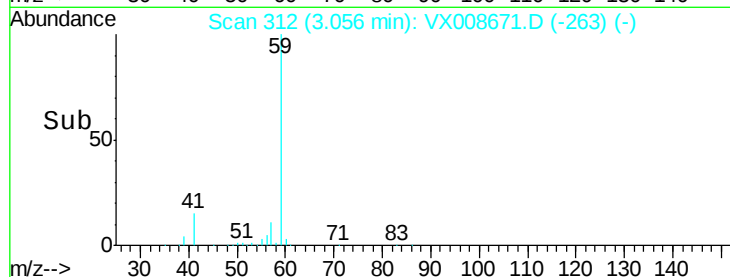
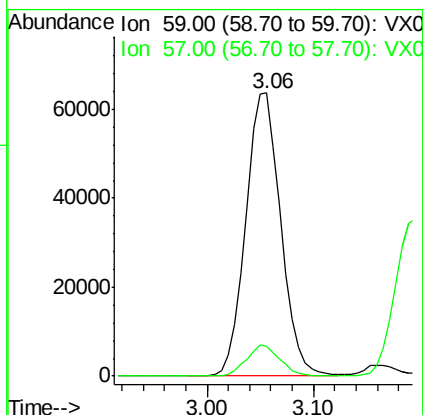
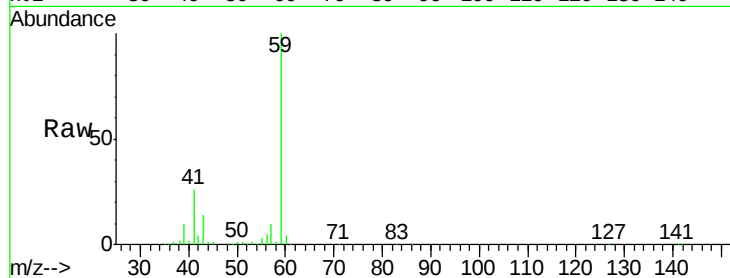


#11

Tert butyl alcohol
 Concen: 244.832 ug/l
 RT: 3.06 min Scan# 312
 Delta R.T. -0.00 min
 Lab File: VX008671.D
 Acq: 05 Apr 2019 05:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

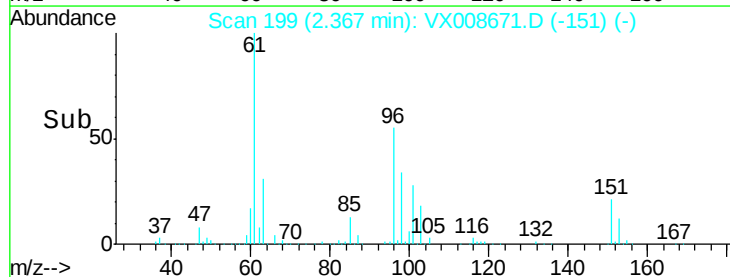
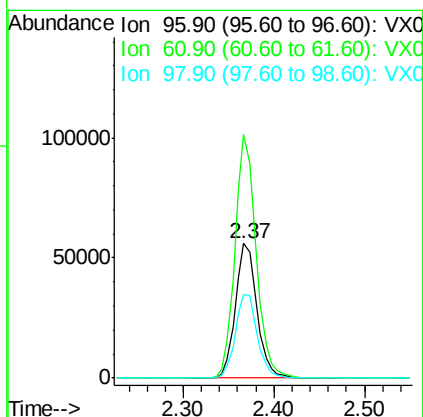
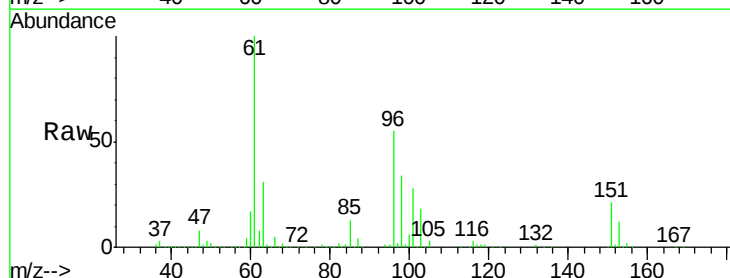
Tgt Ion: 59 Resp: 147234
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.3 12.5

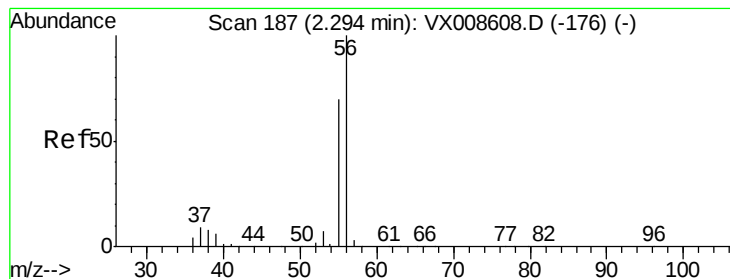


#12

1,1-Dichloroethene
 Concen: 45.441 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX008671.D
 Acq: 05 Apr 2019 05:42

Tgt Ion: 96 Resp: 92518
 Ion Ratio Lower Upper
 96 100
 61 181.0 140.9 211.3
 98 62.5 52.1 78.1





#13

Acrolein

Concen: 171.347 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

Instrument :

MSVOA_X

ClientSampleId :

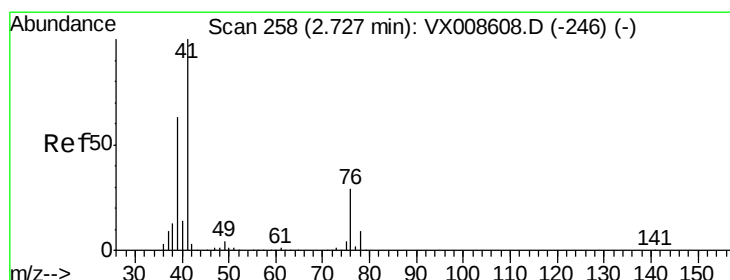
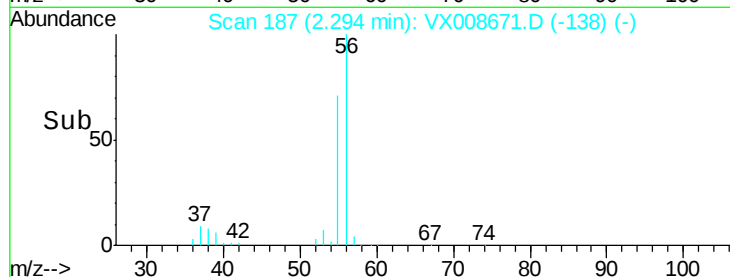
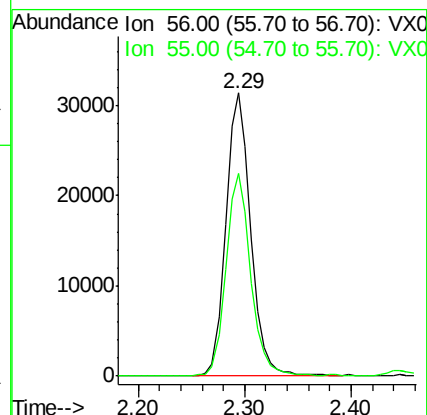
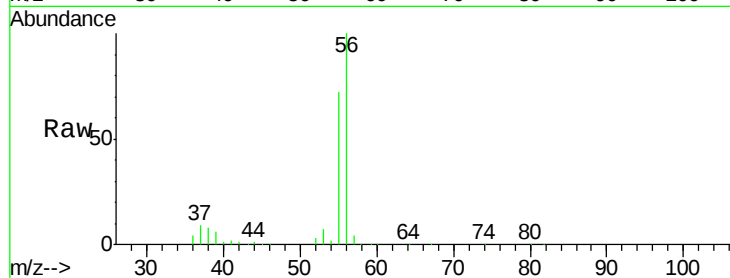
VSTDCCC050EC

Tgt Ion: 56 Resp: 51094

Ion Ratio Lower Upper

56 100

55 71.6 58.0 87.0



#14

Allyl chloride

Concen: 44.454 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

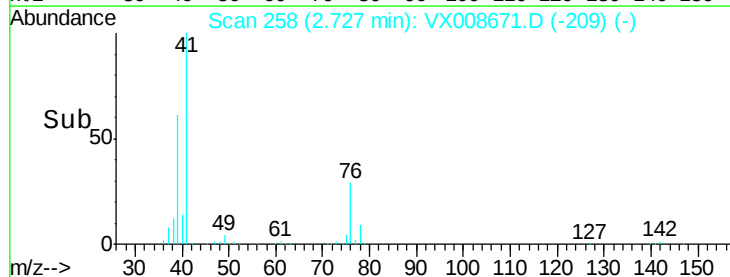
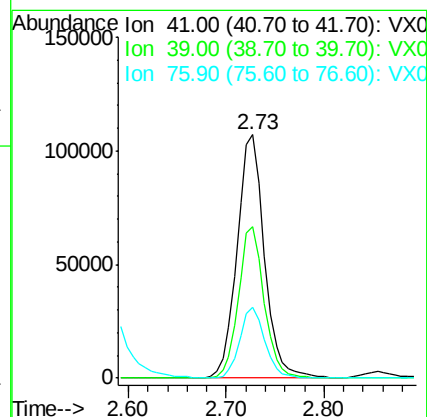
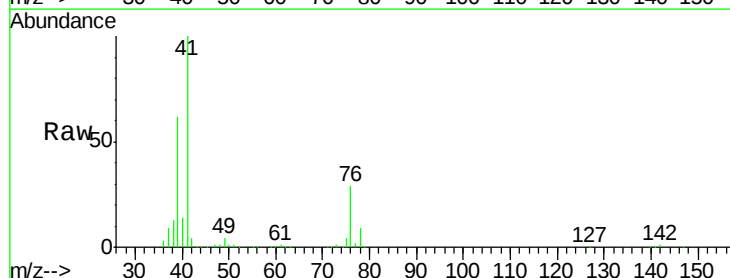
Tgt Ion: 41 Resp: 207200

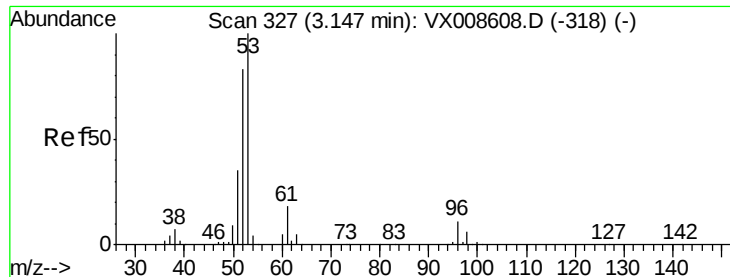
Ion Ratio Lower Upper

41 100

39 58.9 48.0 72.0

76 27.1 22.0 33.0





#15

Acrylonitrile

Concen: 230.641 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

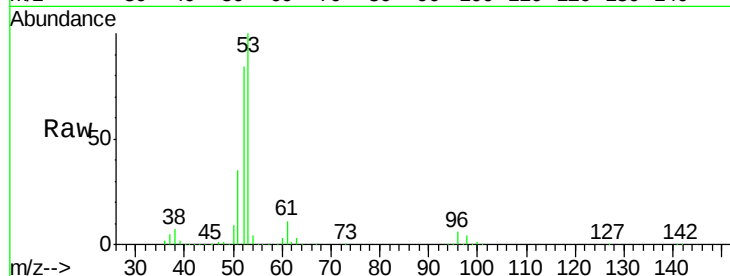
Tgt Ion: 53 Resp: 367440

Ion Ratio Lower Upper

53 100

52 83.8 66.5 99.7

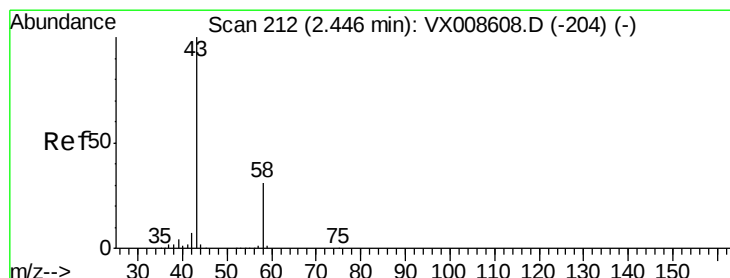
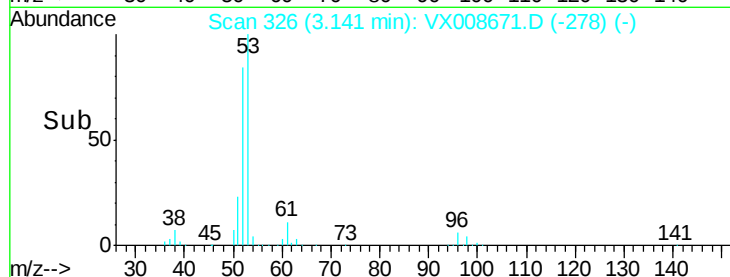
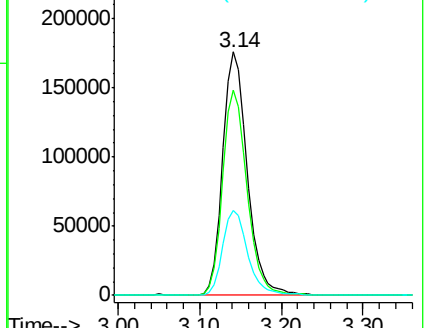
51 35.6 28.6 42.8



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 213.630 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008671.D

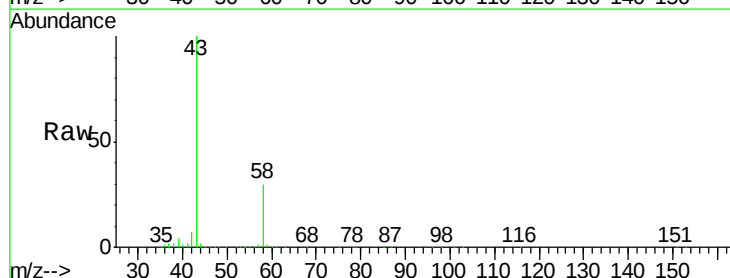
Acq: 05 Apr 2019 05:42

Tgt Ion: 43 Resp: 316066

Ion Ratio Lower Upper

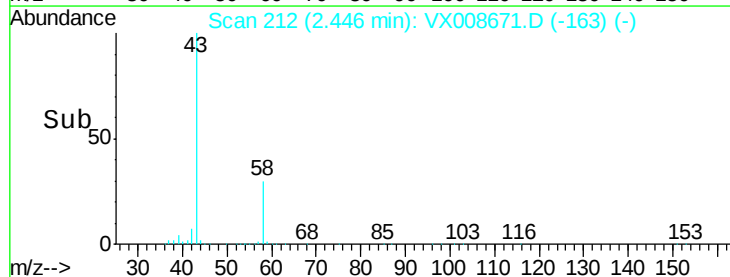
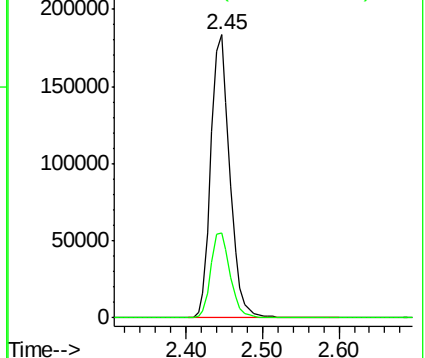
43 100

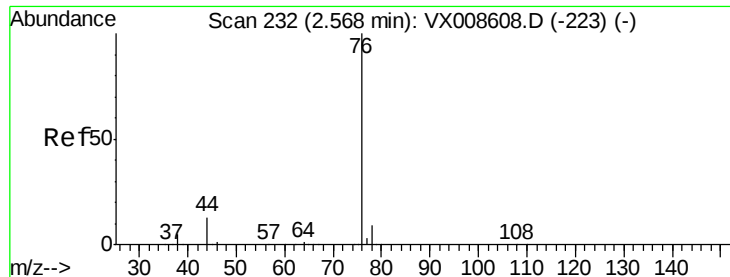
58 30.2 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

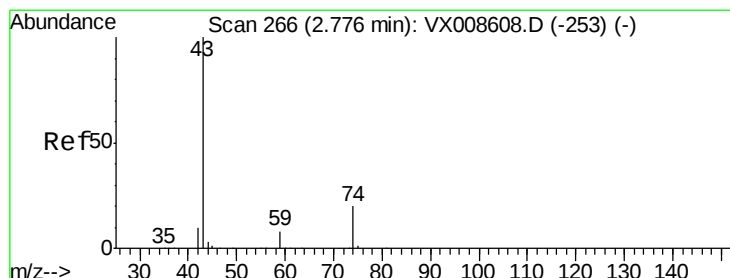
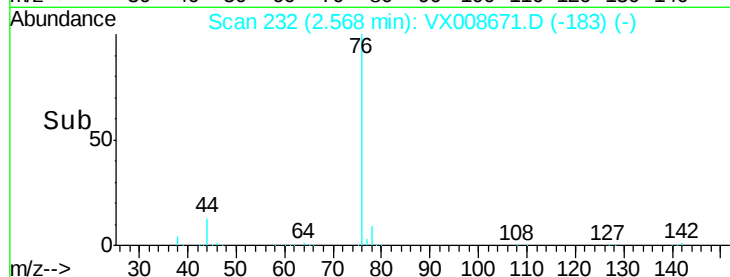
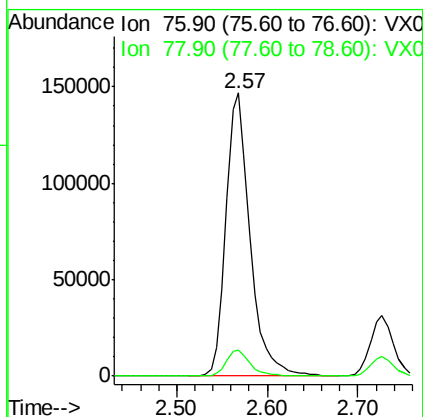
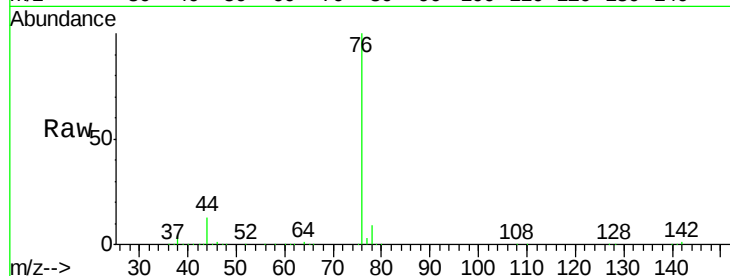




#17
Carbon Disulfide
Concen: 46.023 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008671.D
Acq: 05 Apr 2019 05:42

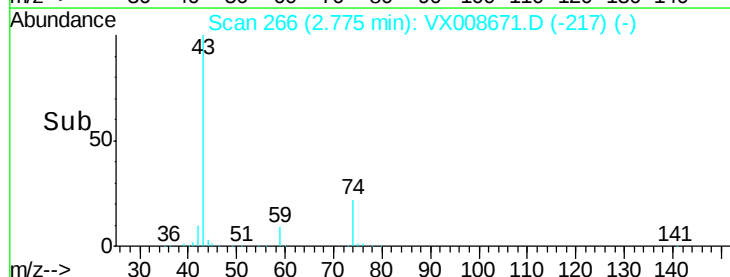
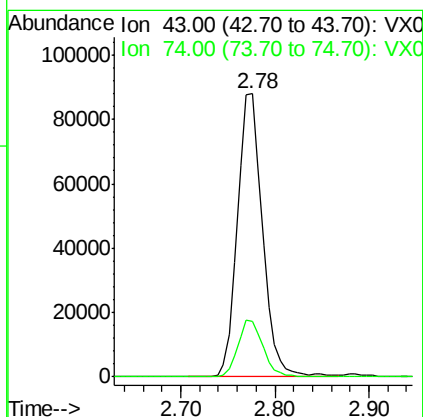
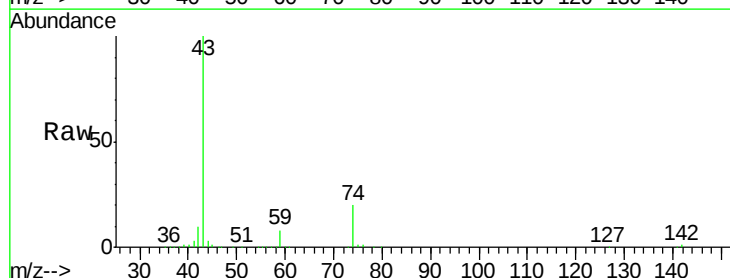
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

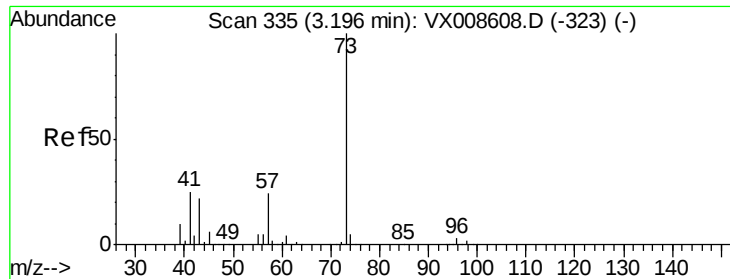
Tgt Ion: 76 Resp: 270938
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7



#18
Methyl Acetate
Concen: 45.508 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX008671.D
Acq: 05 Apr 2019 05:42

Tgt Ion: 43 Resp: 163293
Ion Ratio Lower Upper
43 100
74 20.4 16.5 24.7

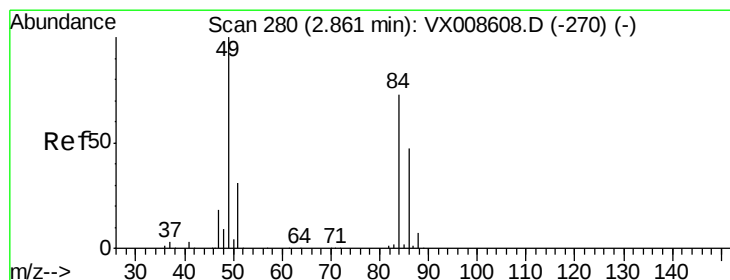
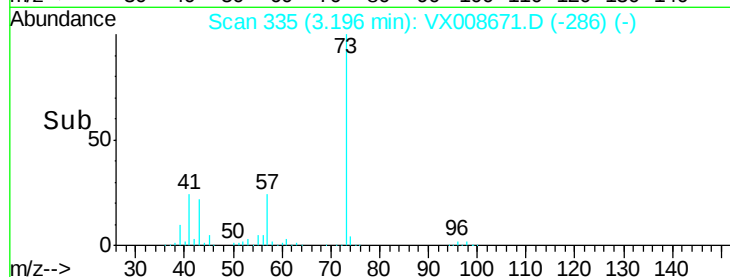
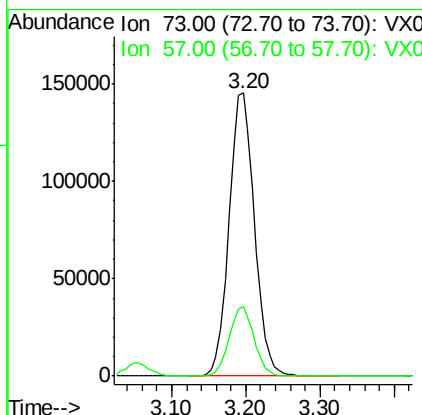
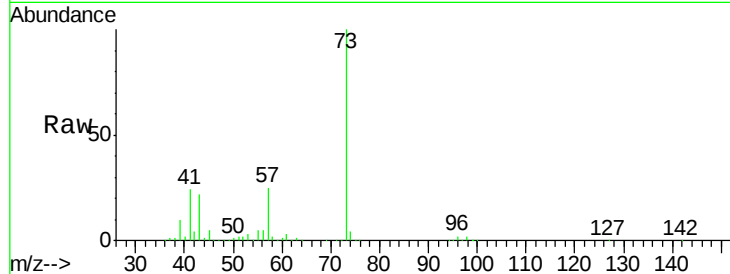




#19
Methyl tert-butyl Ether
Concen: 47.696 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008671.D
Acq: 05 Apr 2019 05:42

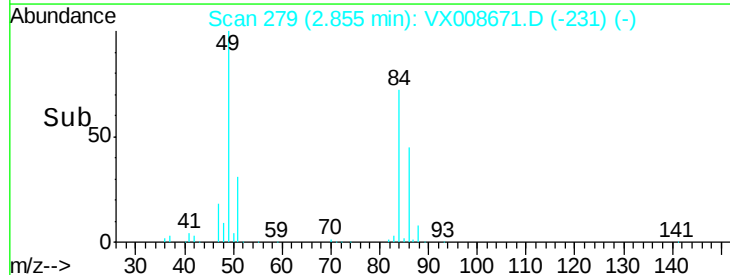
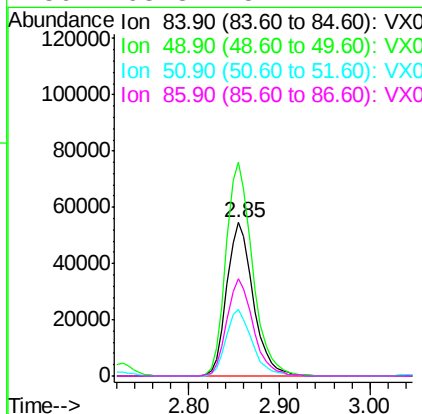
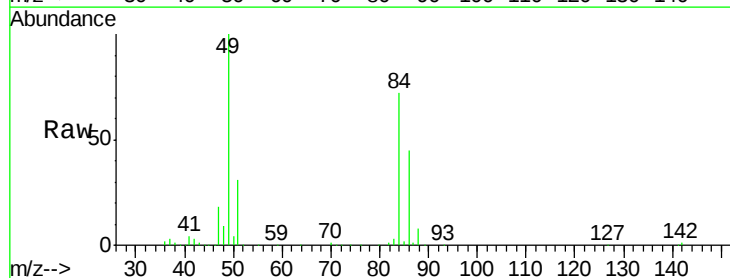
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

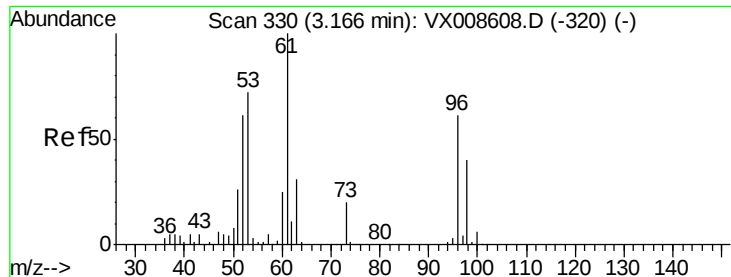
Tgt Ion: 73 Resp: 346801
Ion Ratio Lower Upper
73 100
57 24.5 19.5 29.3



#20
Methylene Chloride
Concen: 44.769 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008671.D
Acq: 05 Apr 2019 05:42

Tgt Ion: 84 Resp: 110872
Ion Ratio Lower Upper
84 100
49 139.5 109.7 164.5
51 43.7 33.6 50.4
86 63.3 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 44.120 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

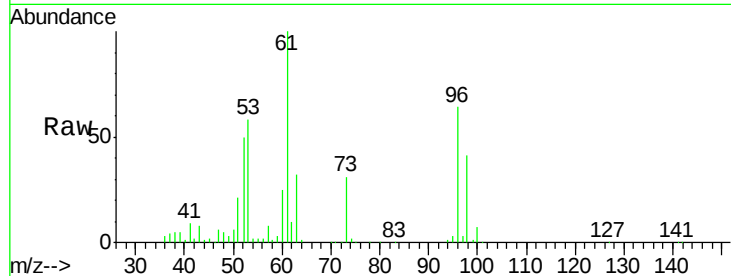
Tgt Ion: 96 Resp: 97166

Ion Ratio Lower Upper

96 100

61 157.3 132.1 198.1

98 63.9 52.2 78.2

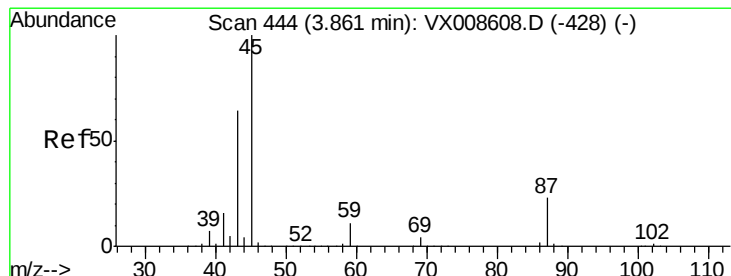
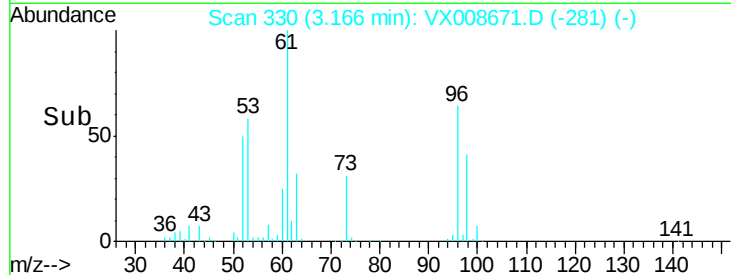
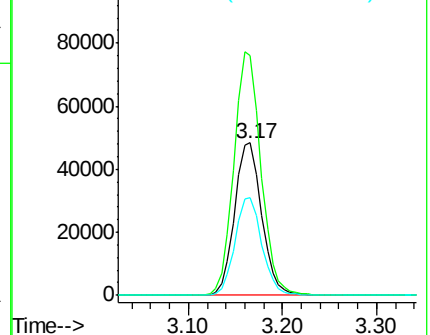


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 46.962 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

Tgt Ion: 45 Resp: 421884

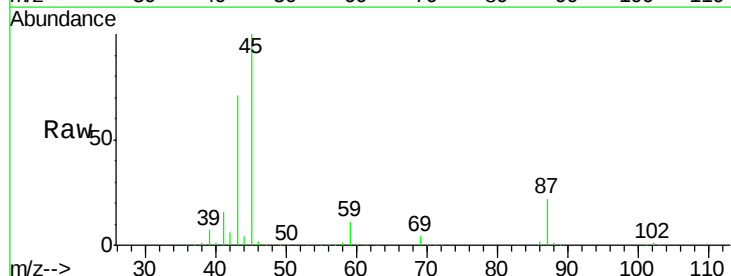
Ion Ratio Lower Upper

45 100

43 70.7 51.3 76.9

87 22.1 18.1 27.1

59 10.8 8.6 13.0



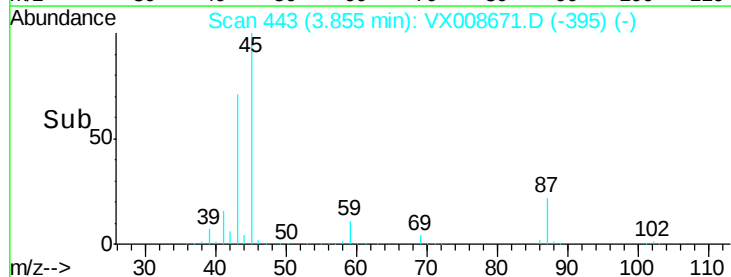
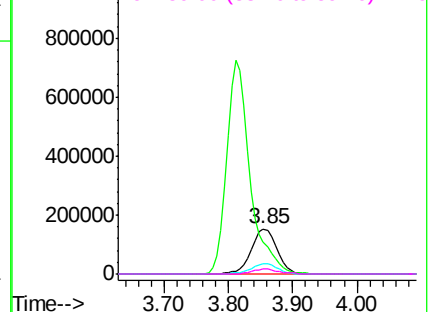
Abundance

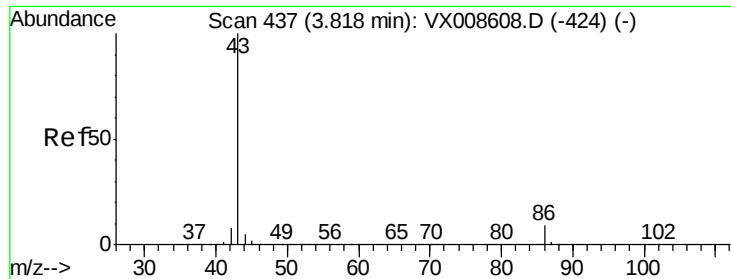
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 237.418 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

Instrument :

MSVOA_X

ClientSampleId :

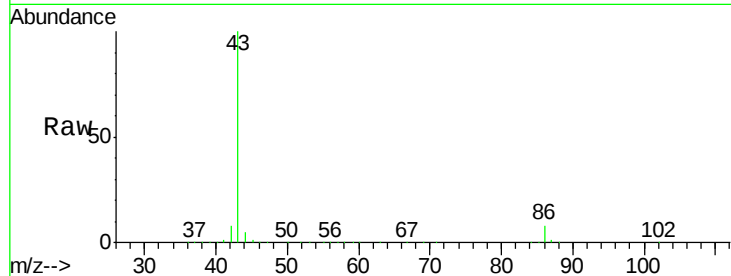
VSTDCCC050EC

Tgt Ion: 43 Resp: 1855449

Ion Ratio Lower Upper

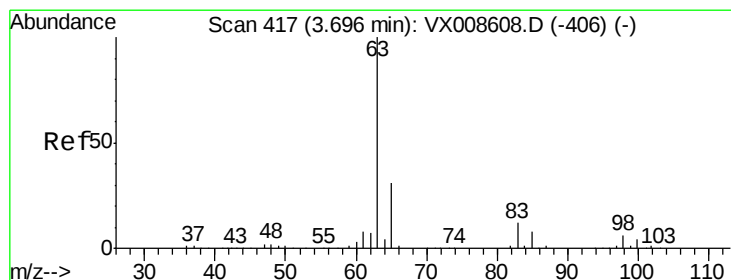
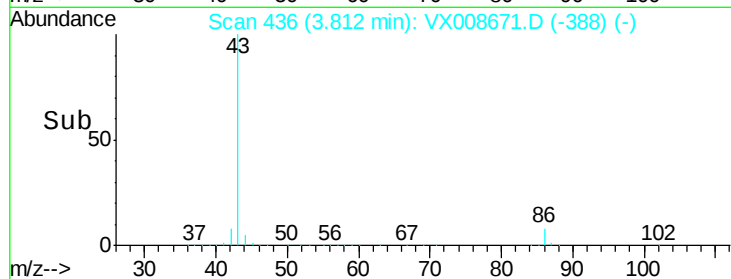
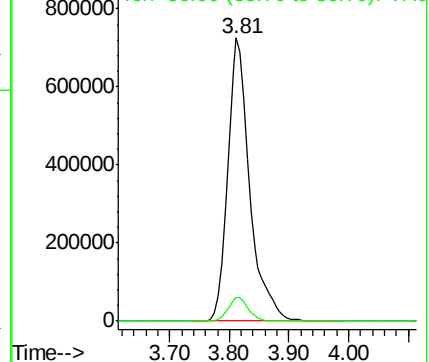
43 100

86 8.4 7.0 10.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 46.076 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

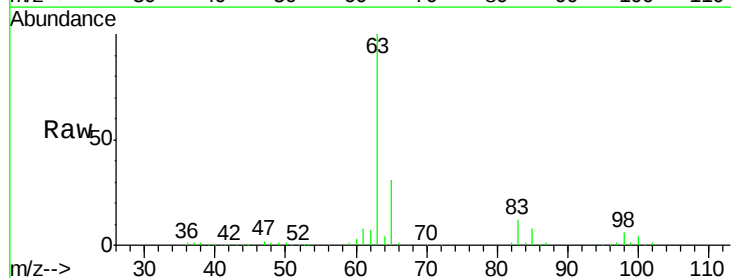
Tgt Ion: 63 Resp: 204938

Ion Ratio Lower Upper

63 100

98 5.9 2.8 8.4

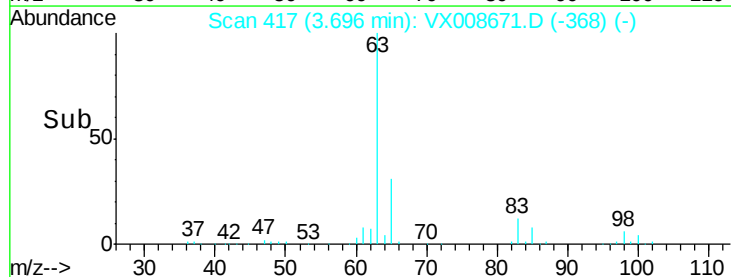
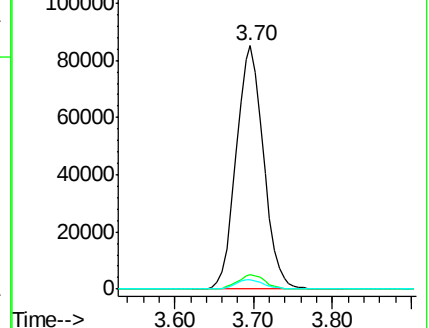
100 3.7 1.8 5.5

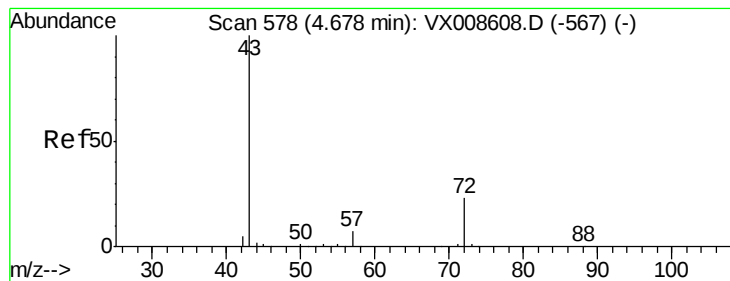


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 232.247 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

Instrument :

MSVOA_X

ClientSampleId :

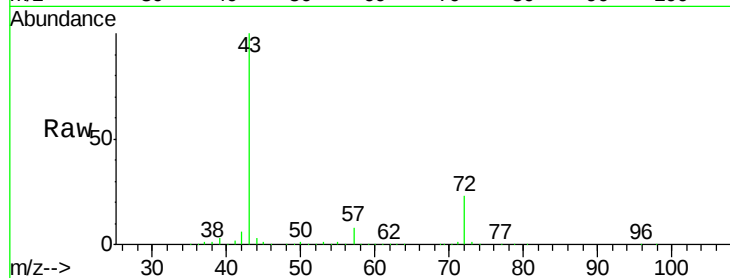
VSTDCCC050EC

Tgt Ion: 43 Resp: 543085

Ion Ratio Lower Upper

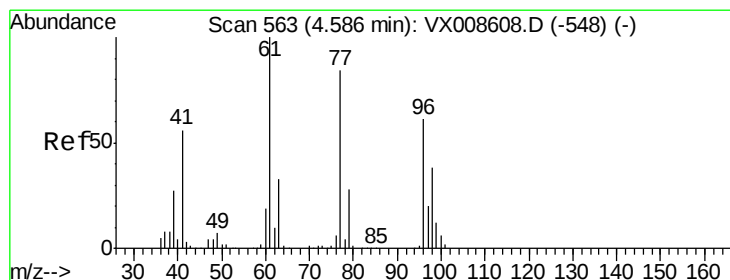
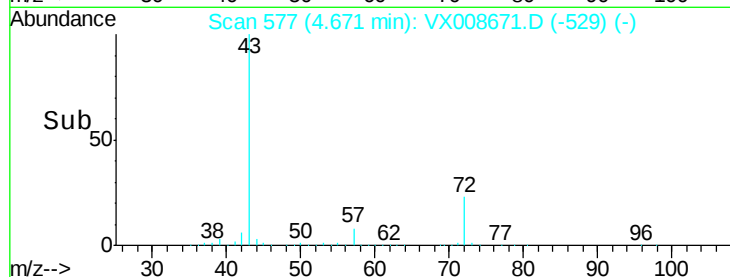
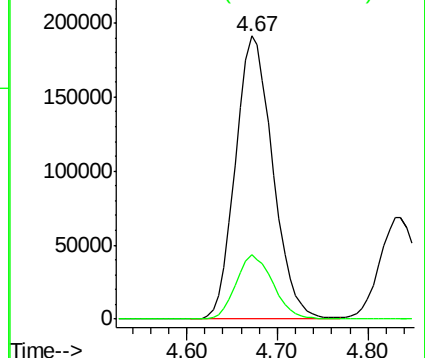
43 100

72 22.8 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 32.501 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008671.D

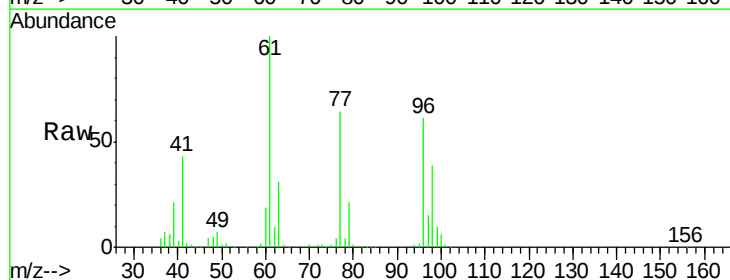
Acq: 05 Apr 2019 05:42

Tgt Ion: 77 Resp: 101815

Ion Ratio Lower Upper

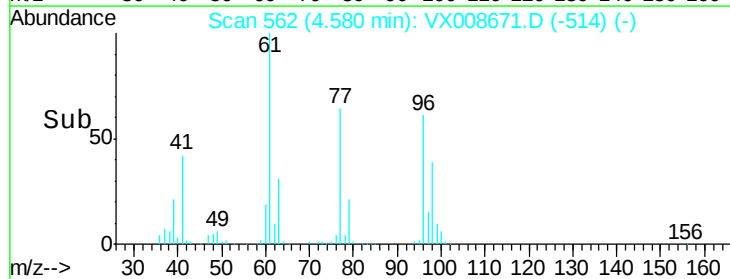
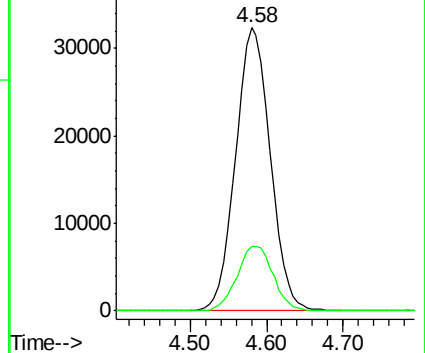
77 100

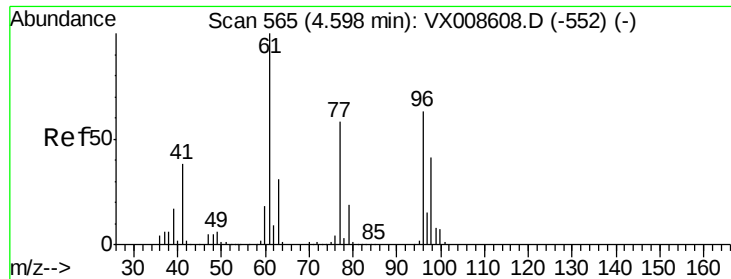
97 23.9 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



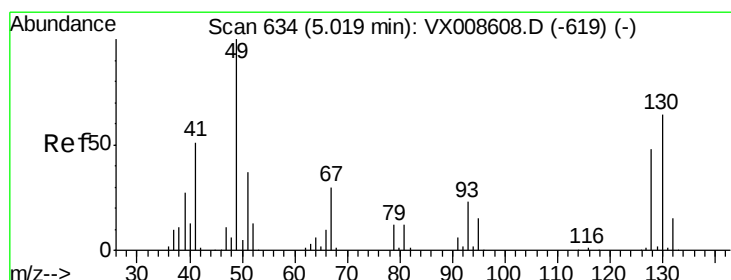
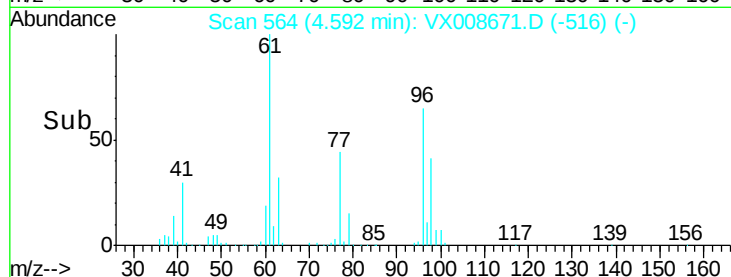
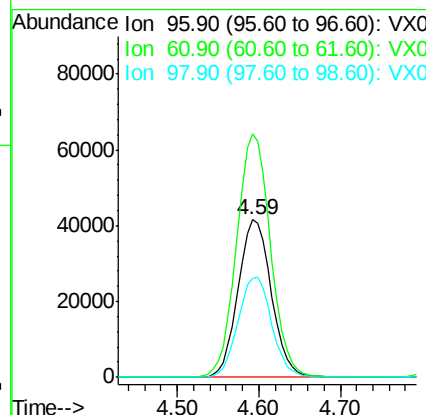
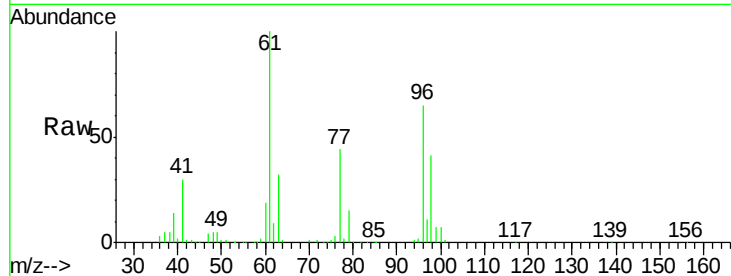


#27

cis-1,2-Dichloroethene
 Concen: 46.398 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX008671.D
 Acq: 05 Apr 2019 05:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

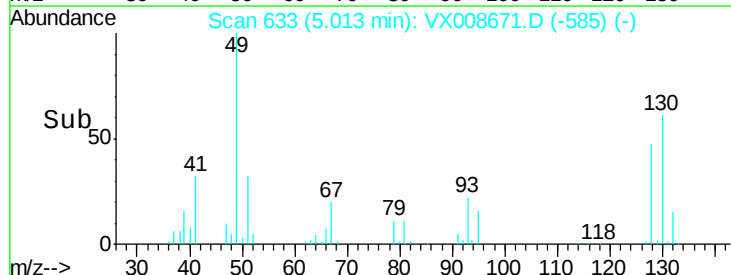
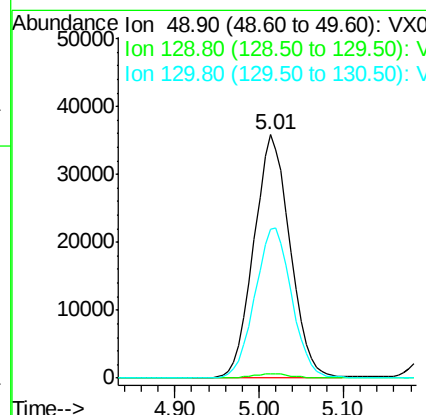
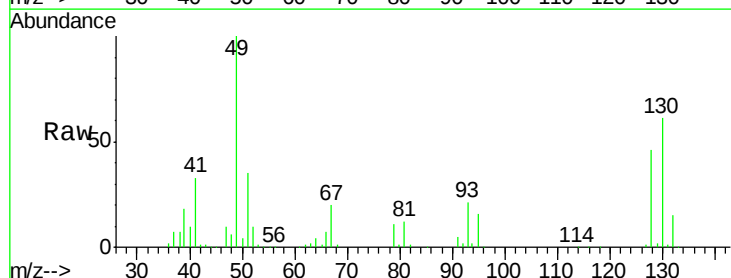
Tgt Ion: 96 Resp: 117481
 Ion Ratio Lower Upper
 96 100
 61 157.5 0.0 327.6
 98 64.4 0.0 128.6

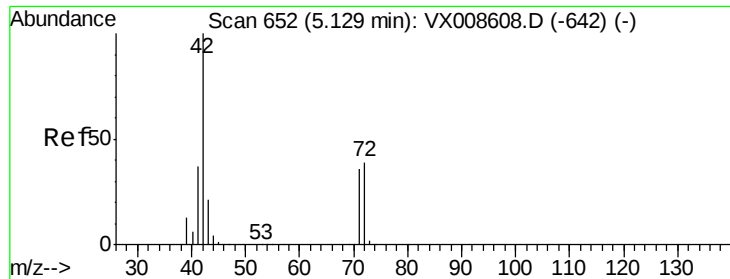


#28

Bromochloromethane
 Concen: 57.214 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX008671.D
 Acq: 05 Apr 2019 05:42

Tgt Ion: 49 Resp: 105491
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.6
 130 62.7 49.3 73.9





#29

Tetrahydrofuran

Concen: 232.009 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

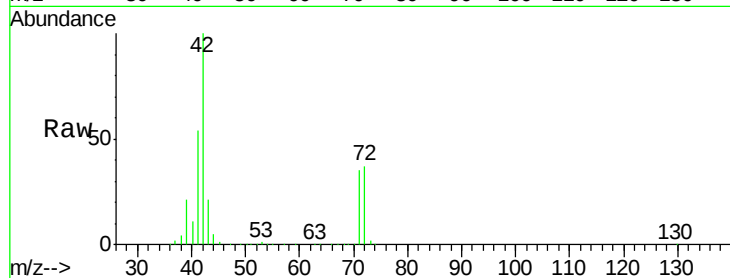
Tgt Ion: 42 Resp: 360089

Ion Ratio Lower Upper

42 100

72 38.0 30.5 45.7

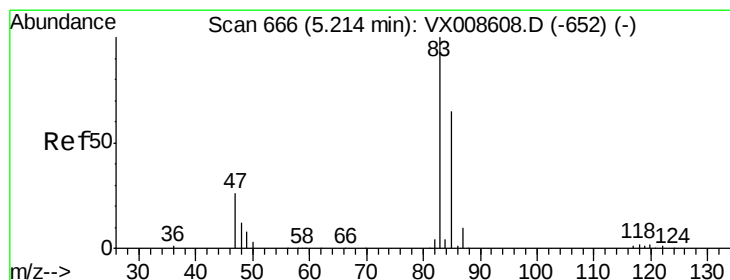
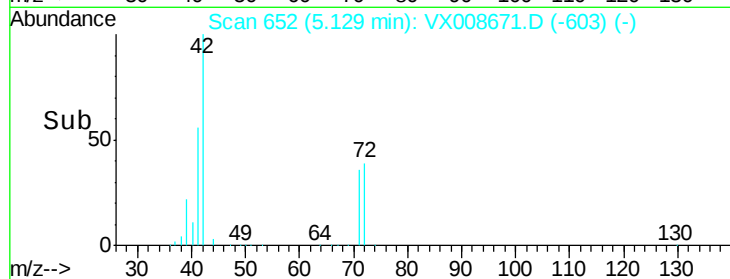
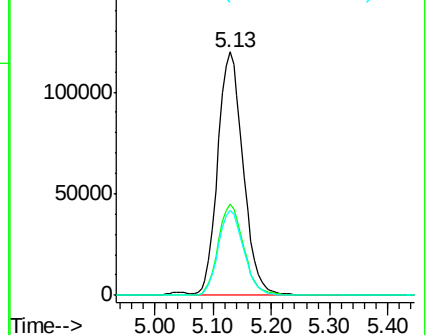
71 35.3 28.6 43.0



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 46.464 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX008671.D

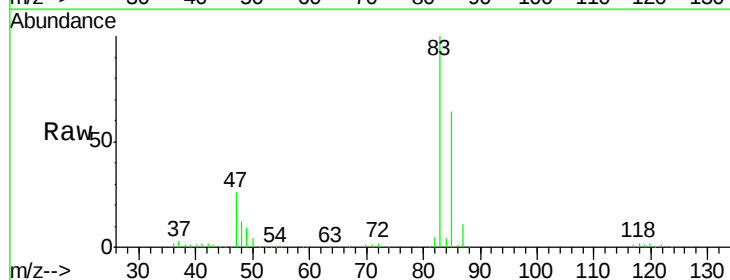
Acq: 05 Apr 2019 05:42

Tgt Ion: 83 Resp: 184586

Ion Ratio Lower Upper

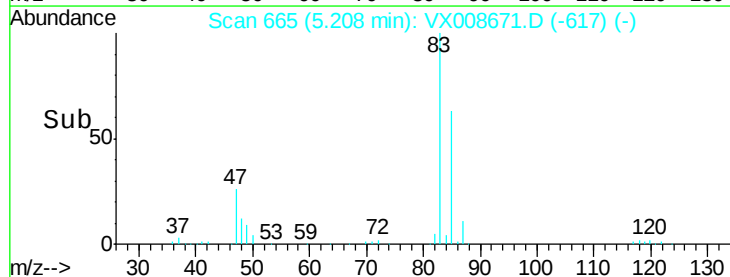
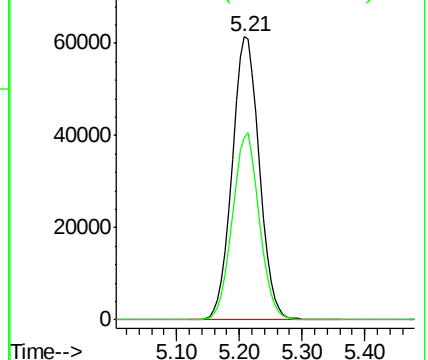
83 100

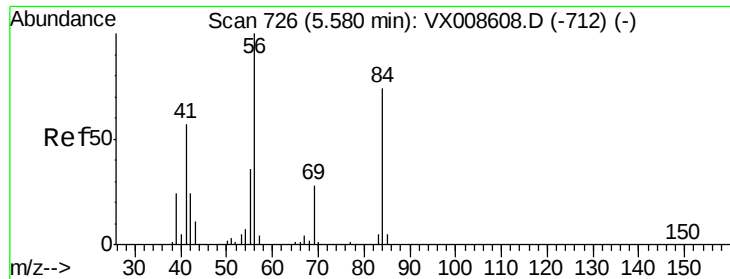
85 64.4 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

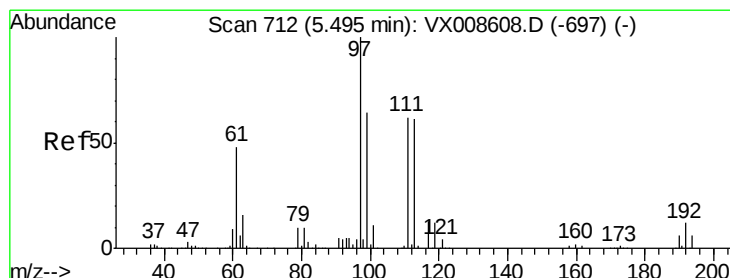
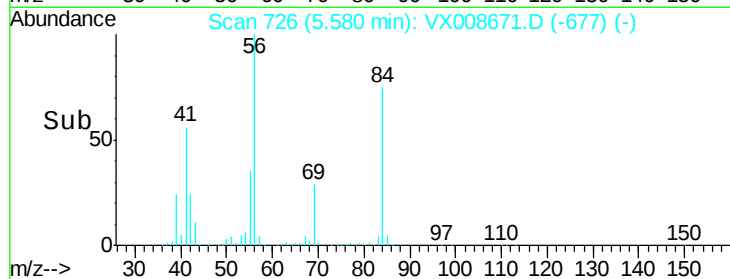
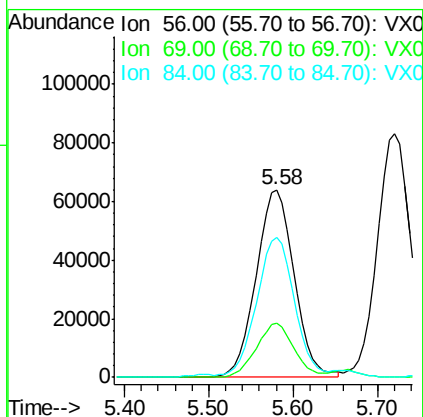
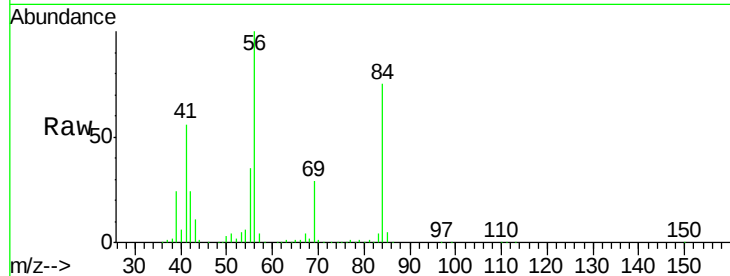




#31
Cyclohexane
Concen: 44.730 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX008671.D
Acq: 05 Apr 2019 05:42

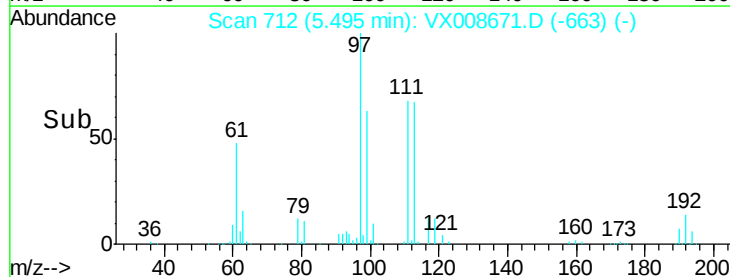
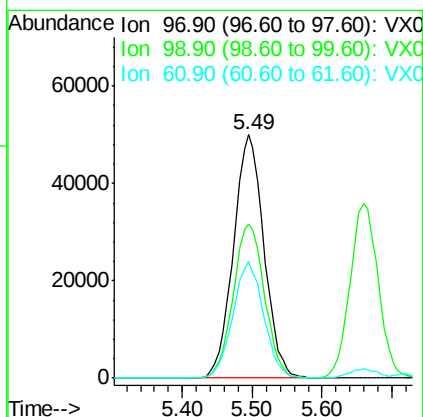
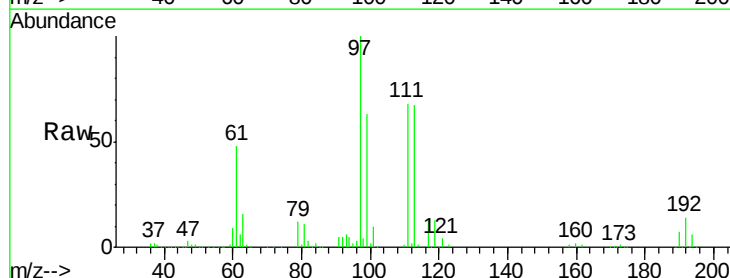
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

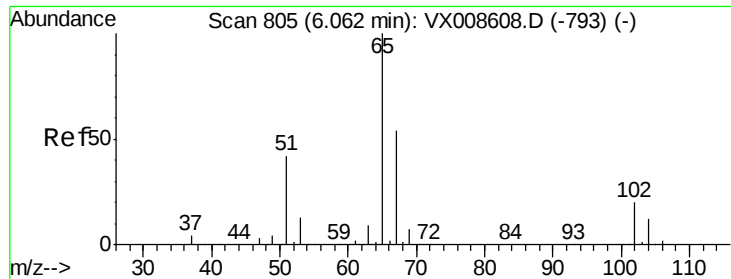
Tgt Ion: 56 Resp: 198521
Ion Ratio Lower Upper
56 100
69 28.8 22.6 33.8
84 74.1 59.3 88.9



#32
1,1,1-Trichloroethane
Concen: 47.090 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX008671.D
Acq: 05 Apr 2019 05:42

Tgt Ion: 97 Resp: 151173
Ion Ratio Lower Upper
97 100
99 64.8 51.3 76.9
61 48.4 38.9 58.3

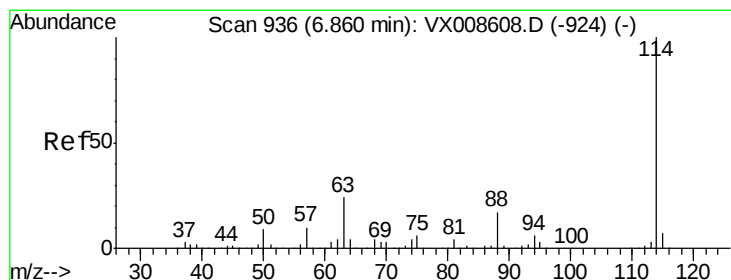
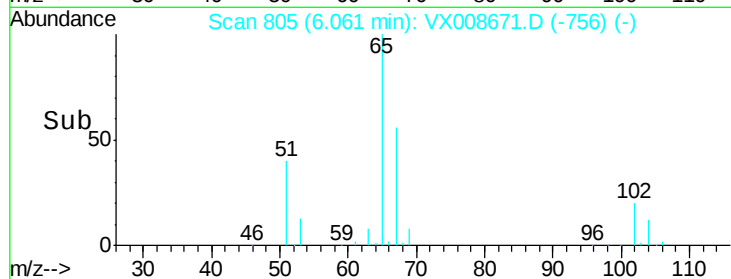
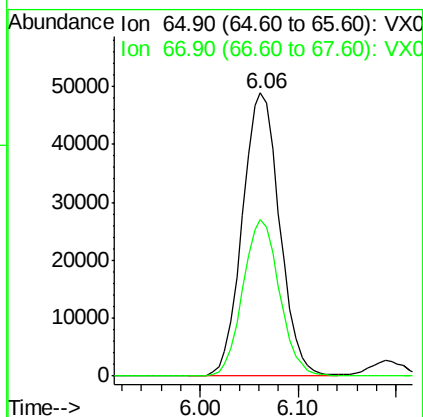
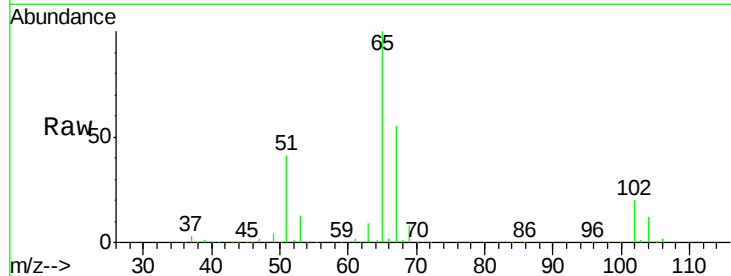




#33
 1,2-Dichloroethane-d4
 Concen: 50.493 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008671.D
 Acq: 05 Apr 2019 05:42

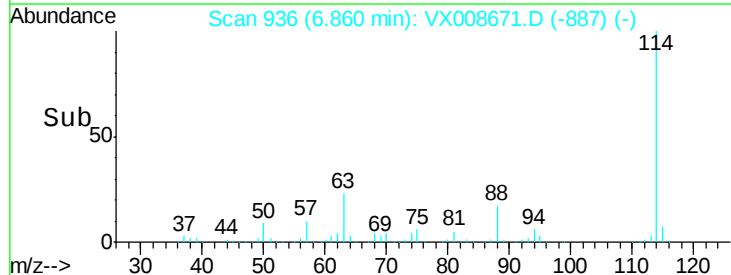
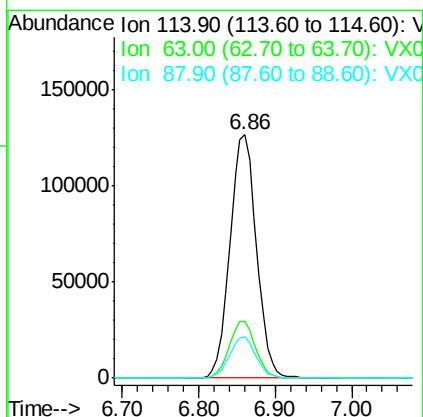
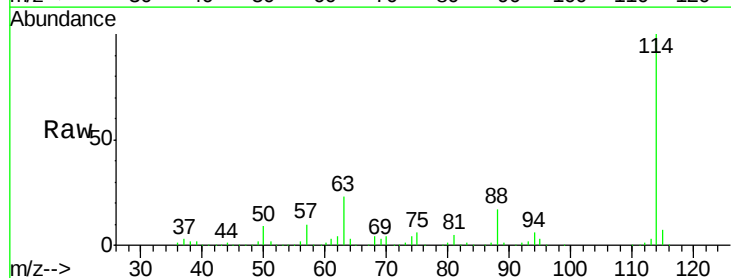
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

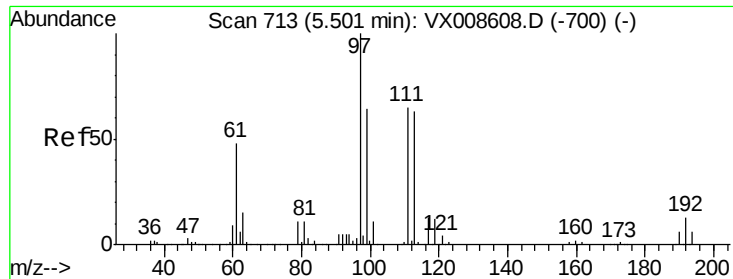
Tgt Ion: 65 Resp: 129702
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008671.D
 Acq: 05 Apr 2019 05:42

Tgt Ion: 114 Resp: 303016
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 47.2
 88 17.1 0.0 34.0

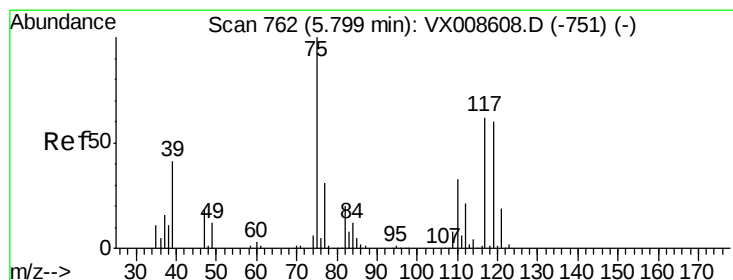
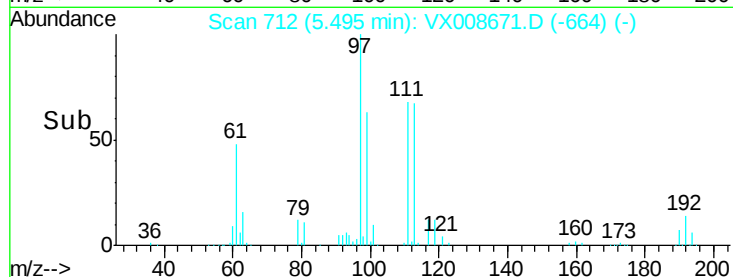
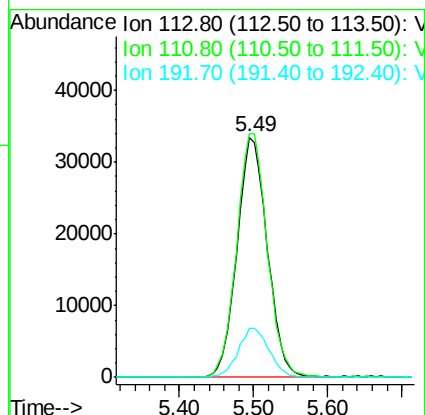
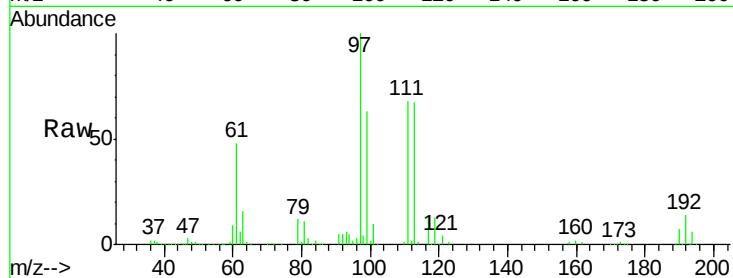




#35
 Dibromofluoromethane
 Concen: 49.436 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX008671.D
 Acq: 05 Apr 2019 05:42

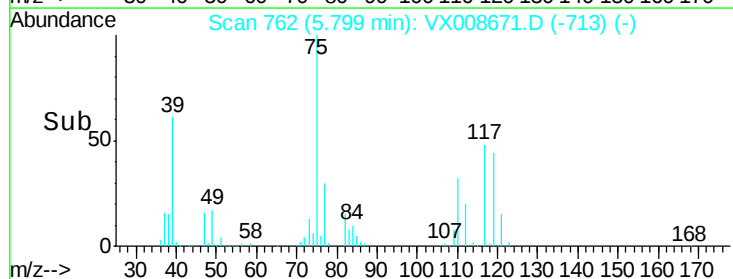
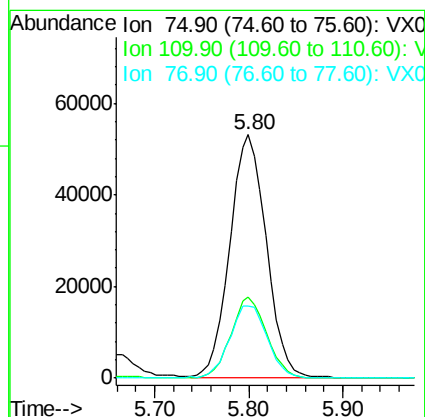
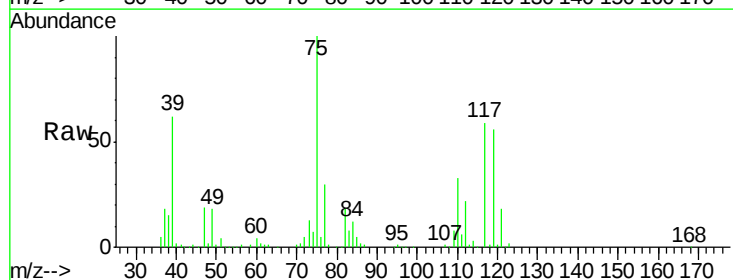
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

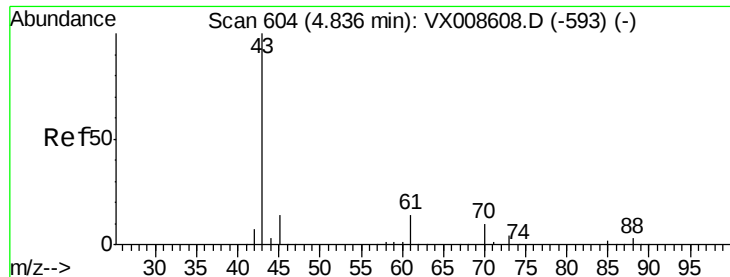
Tgt Ion:113 Resp: 95776
 Ion Ratio Lower Upper
 113 100
 111 102.5 83.4 125.2
 192 21.0 16.1 24.1



#36
 1,1-Dichloropropene
 Concen: 43.182 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX008671.D
 Acq: 05 Apr 2019 05:42

Tgt Ion: 75 Resp: 143031
 Ion Ratio Lower Upper
 75 100
 110 32.8 16.4 49.2
 77 31.1 24.7 37.1





#37

Ethyl Acetate

Concen: 46.265 ug/l

RT: 4.84 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

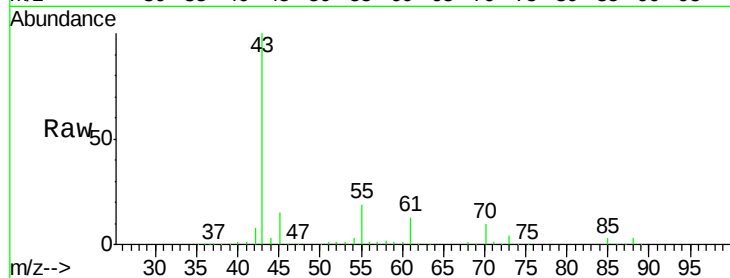
Tgt Ion: 43 Resp: 204548

Ion Ratio Lower Upper

43 100

61 12.9 10.3 15.5

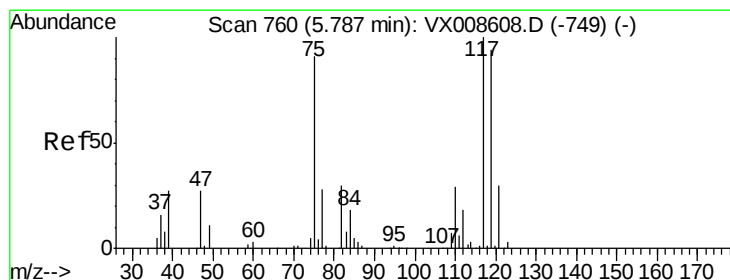
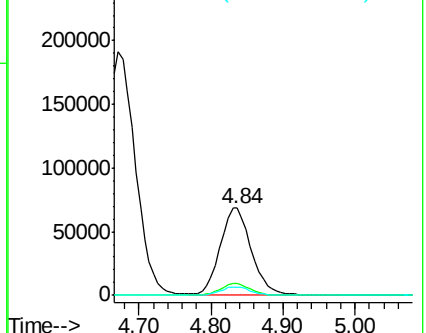
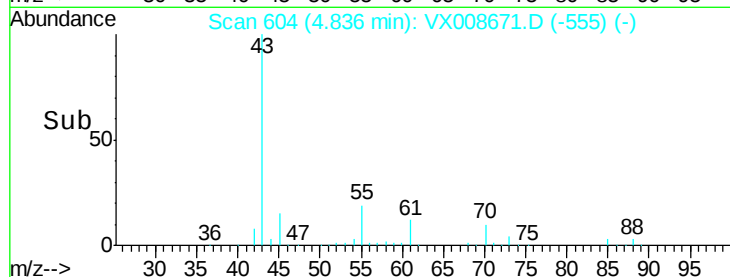
70 9.7 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 45.974 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

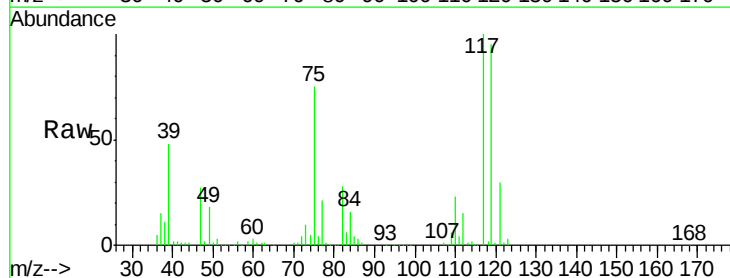
Tgt Ion: 117 Resp: 126034

Ion Ratio Lower Upper

117 100

119 94.4 75.0 112.6

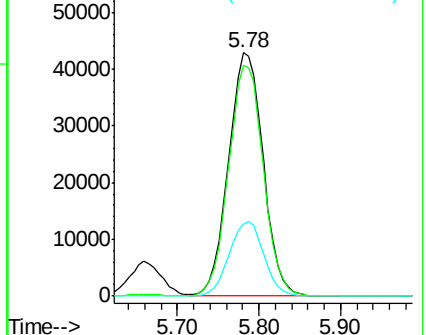
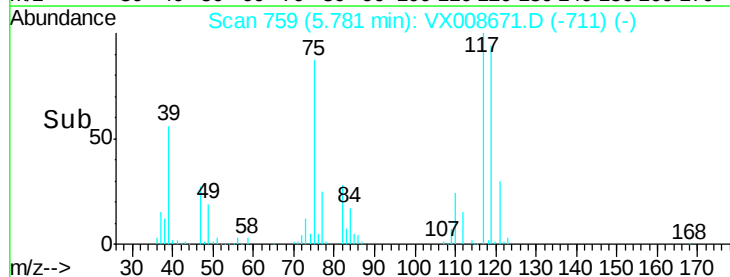
121 29.9 24.3 36.5

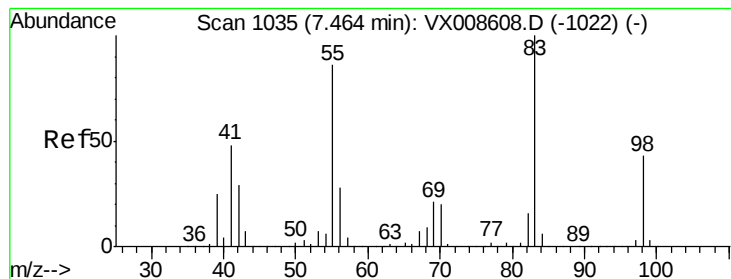


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#39

Methylcyclohexane

Concen: 41.993 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

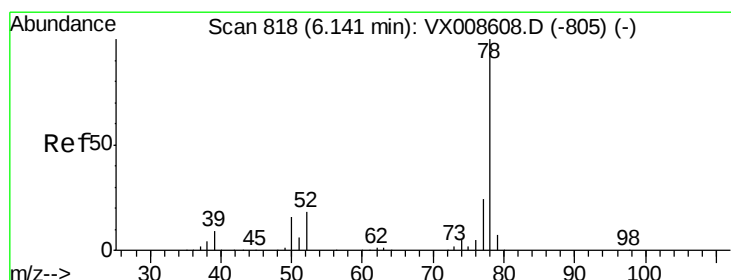
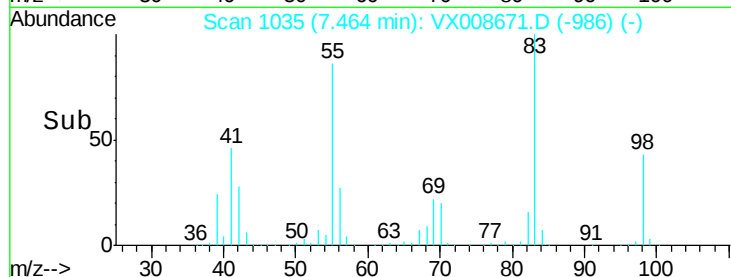
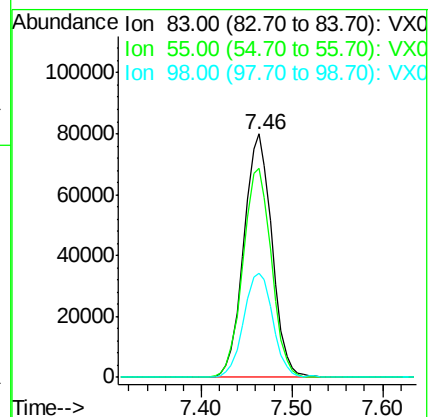
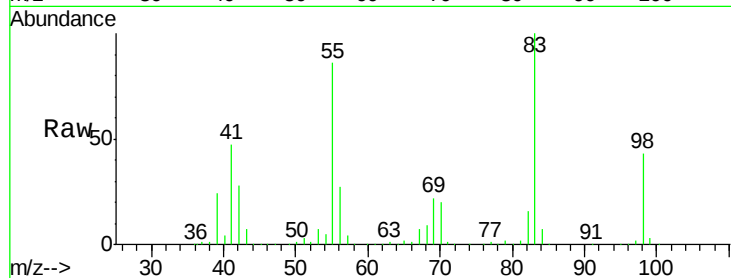
Tgt Ion: 83 Resp: 171826

Ion Ratio Lower Upper

83 100

55 85.6 69.0 103.6

98 42.9 34.4 51.6



#40

Benzene

Concen: 44.891 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX008671.D

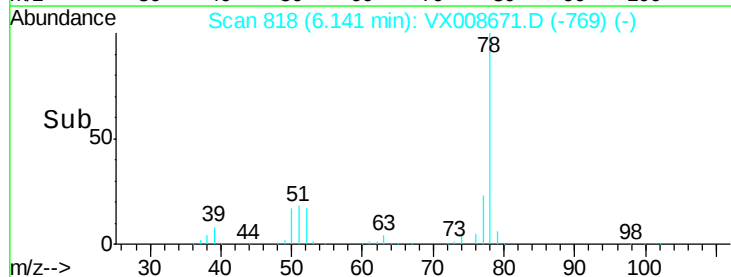
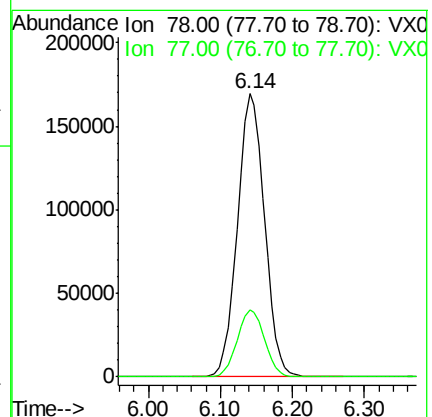
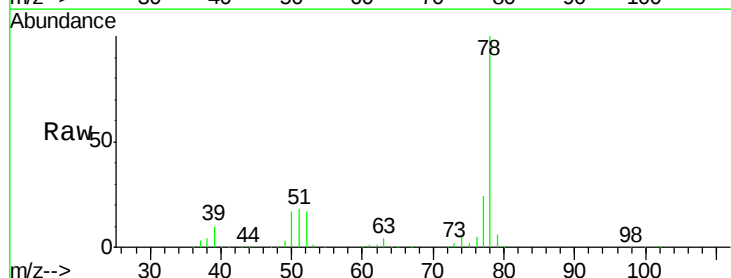
Acq: 05 Apr 2019 05:42

Tgt Ion: 78 Resp: 442966

Ion Ratio Lower Upper

78 100

77 23.6 19.1 28.7





#41

Methacrylonitrile

Concen: 45.821 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 116446

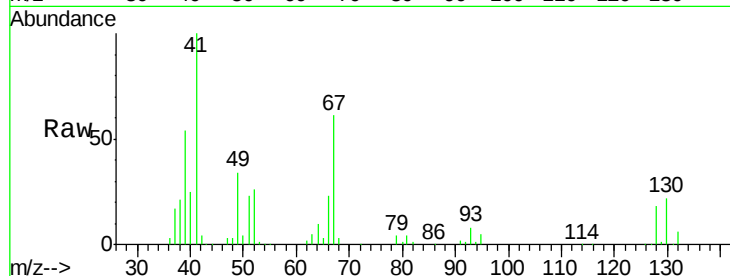
Ion Ratio Lower Upper

41 100

39 52.9 42.1 63.1

67 62.9 51.0 76.6

52 27.1 21.4 32.0

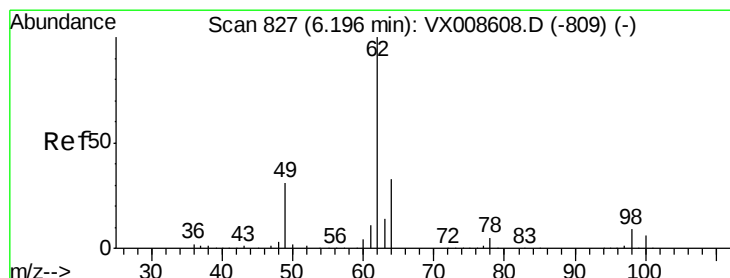
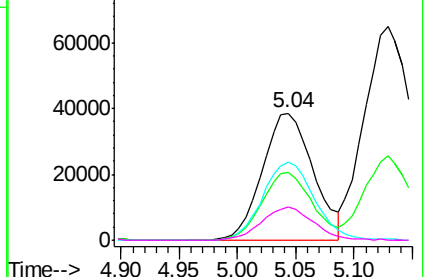
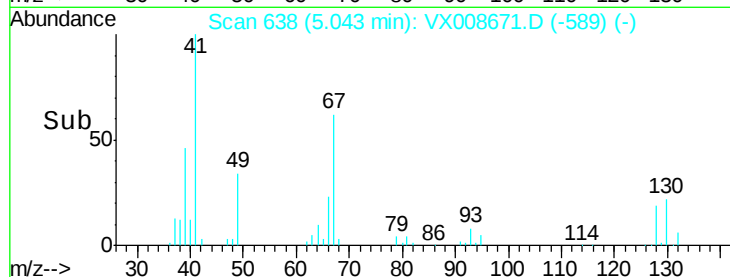


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 44.304 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX008671.D

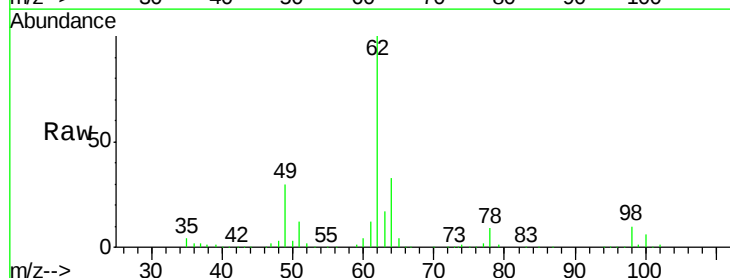
Acq: 05 Apr 2019 05:42

Tgt Ion: 62 Resp: 156729

Ion Ratio Lower Upper

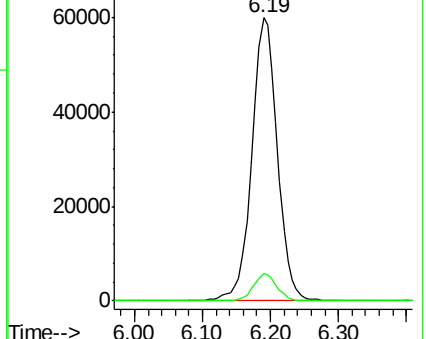
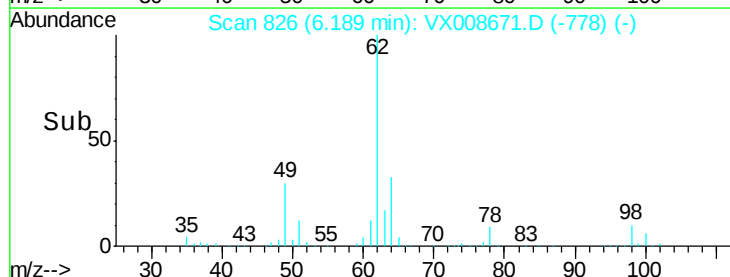
62 100

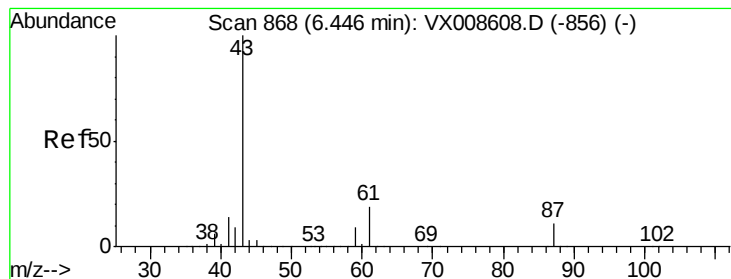
98 9.0 0.0 18.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 47.450 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

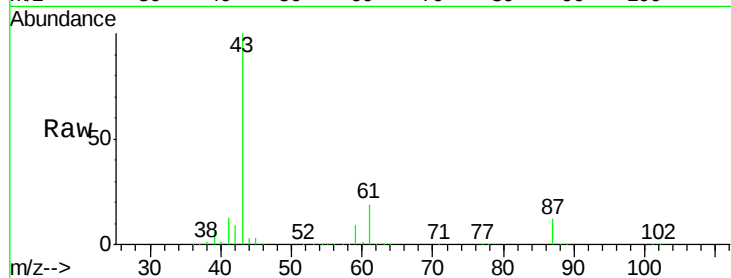
Tgt Ion: 43 Resp: 328628

Ion Ratio Lower Upper

43 100

61 18.8 15.3 22.9

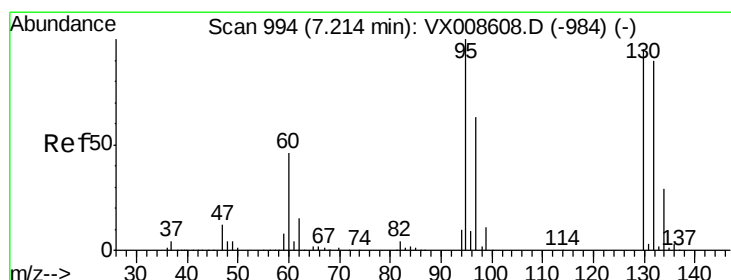
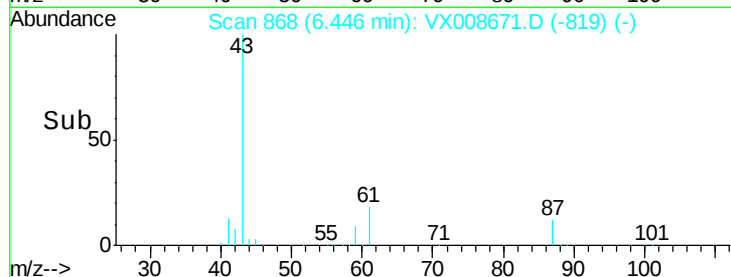
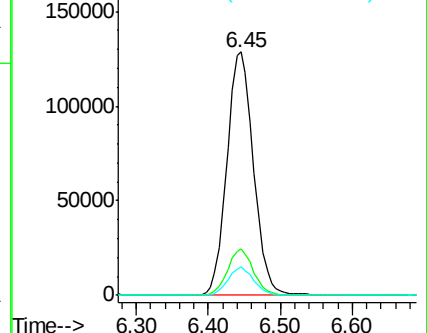
87 11.2 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 45.026 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008671.D

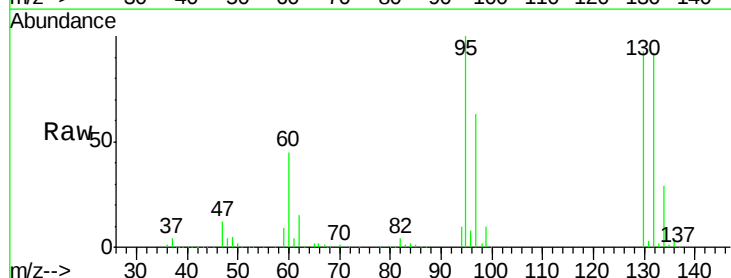
Acq: 05 Apr 2019 05:42

Tgt Ion: 130 Resp: 103480

Ion Ratio Lower Upper

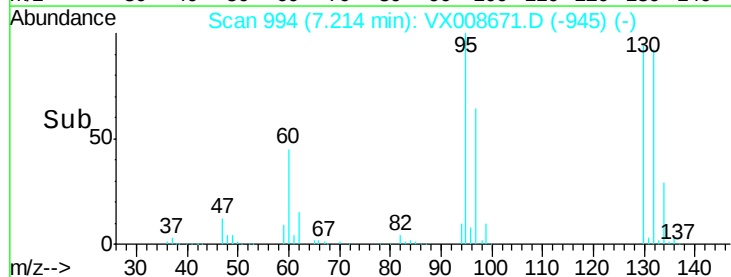
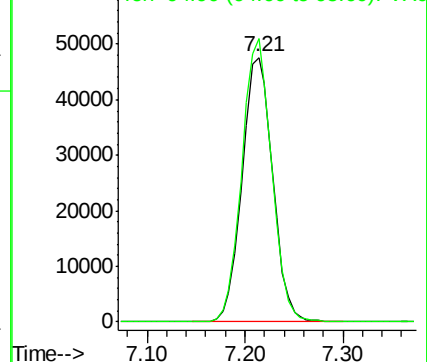
130 100

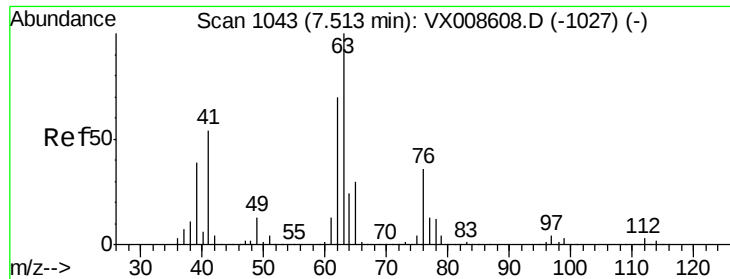
95 107.1 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 44.793 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

Instrument :

MSVOA_X

ClientSampleId :

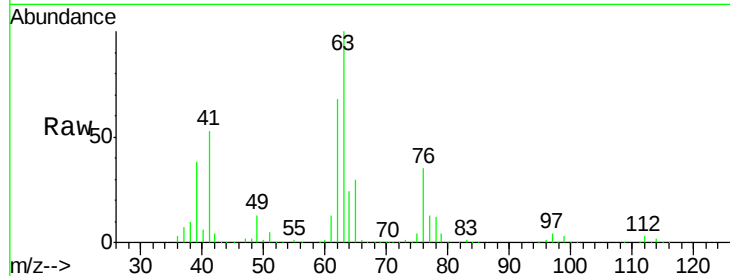
VSTDCCC050EC

Tgt Ion: 63 Resp: 126157

Ion Ratio Lower Upper

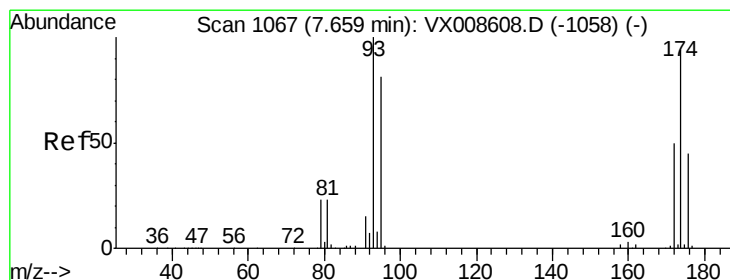
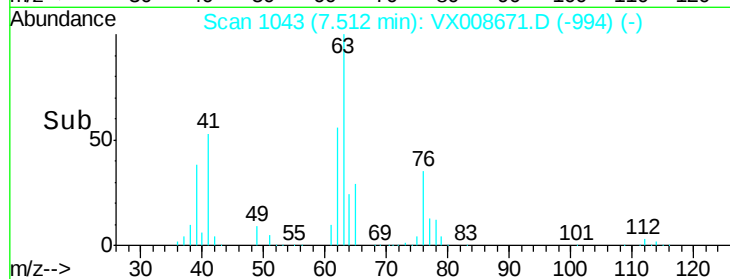
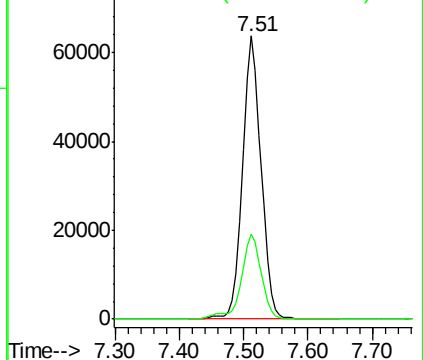
63 100

65 29.9 24.2 36.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 44.597 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

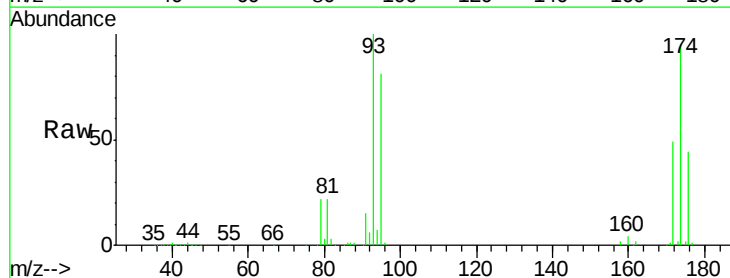
Tgt Ion: 93 Resp: 72850

Ion Ratio Lower Upper

93 100

95 81.6 66.6 99.8

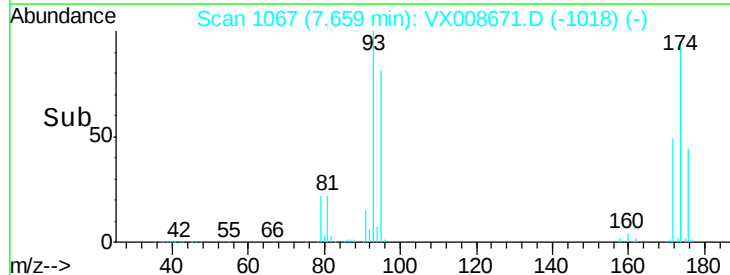
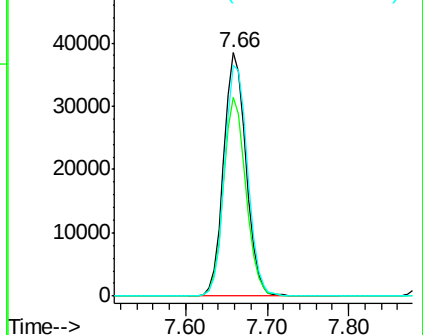
174 97.4 77.7 116.5

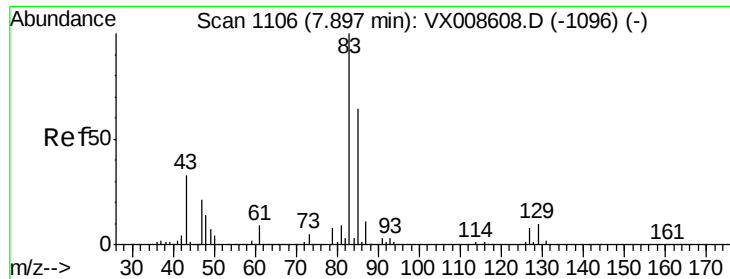


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 46.439 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

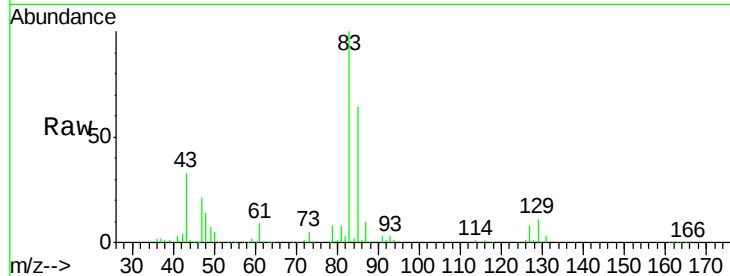
Tgt Ion: 83 Resp: 143029

Ion Ratio Lower Upper

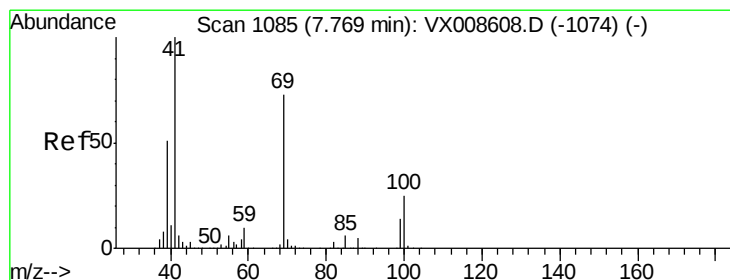
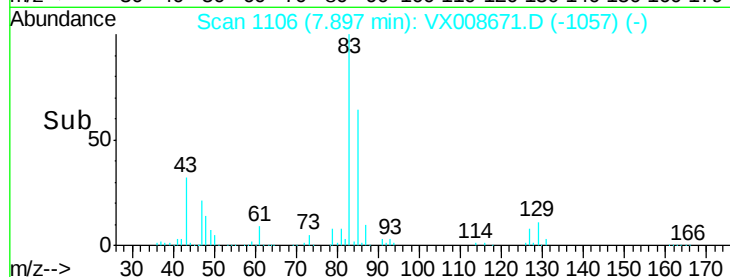
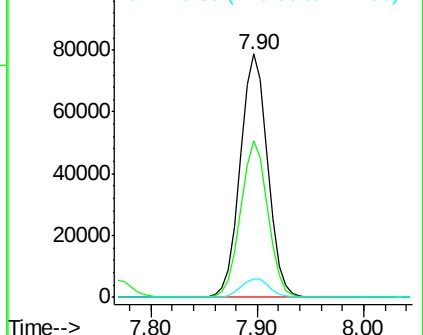
83 100

85 64.4 51.2 76.8

127 7.7 6.6 10.0



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



#48

Methyl methacrylate

Concen: 47.437 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

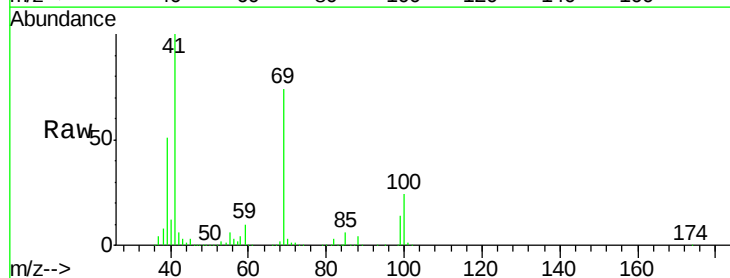
Tgt Ion: 41 Resp: 166190

Ion Ratio Lower Upper

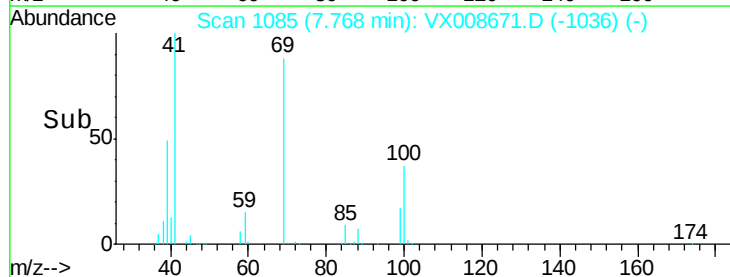
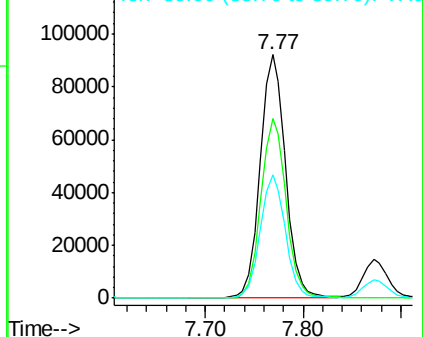
41 100

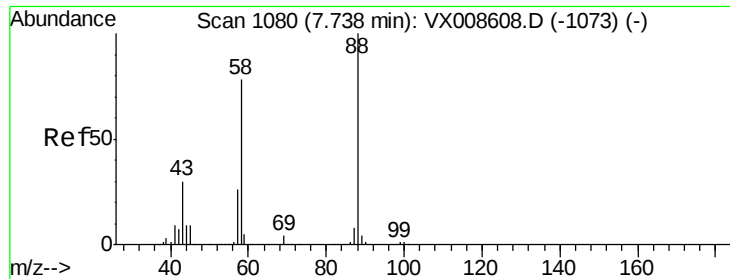
69 73.9 59.0 88.4

39 50.3 41.0 61.4



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





#49

1,4-Dioxane

Concen: 936.280 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

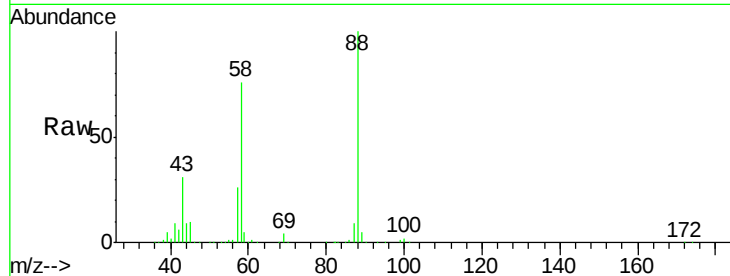
Tgt Ion: 88 Resp: 61447

Ion Ratio Lower Upper

88 100

43 36.4 28.6 43.0

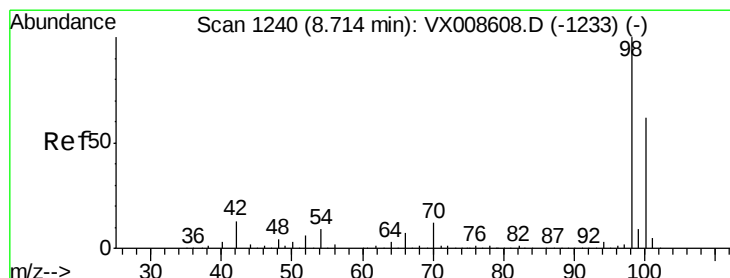
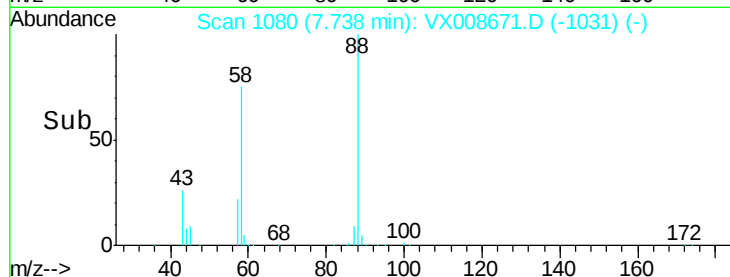
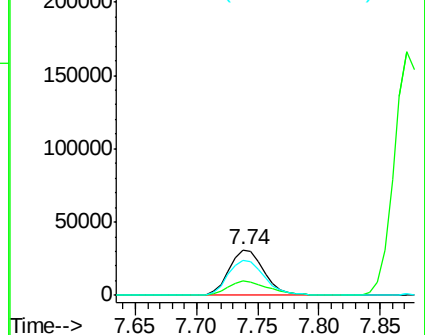
58 80.7 62.2 93.2



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.456 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008671.D

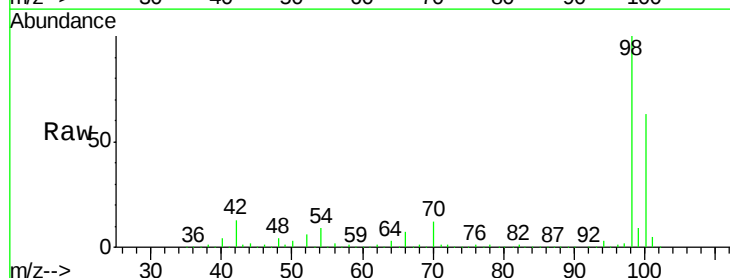
Acq: 05 Apr 2019 05:42

Tgt Ion: 98 Resp: 389223

Ion Ratio Lower Upper

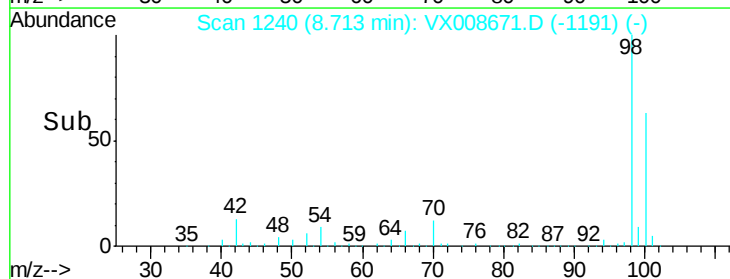
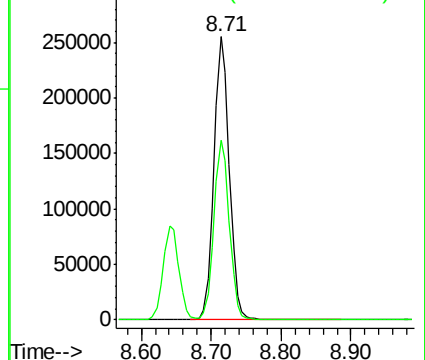
98 100

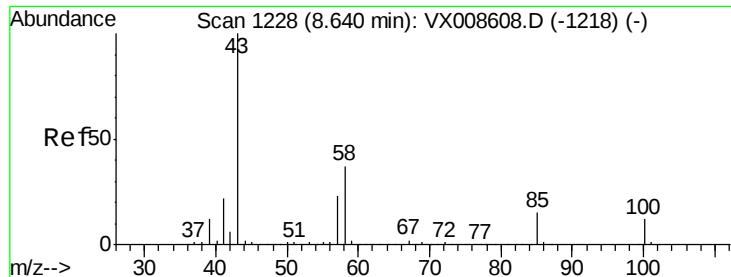
100 63.9 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 242.945 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

Instrument :

MSVOA_X

ClientSampleId :

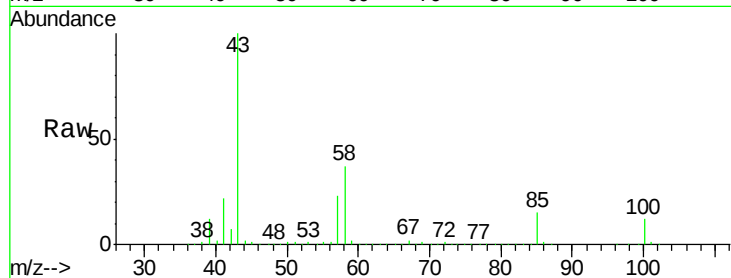
VSTDCCC050EC

Tgt Ion: 43 Resp: 1083145

Ion Ratio Lower Upper

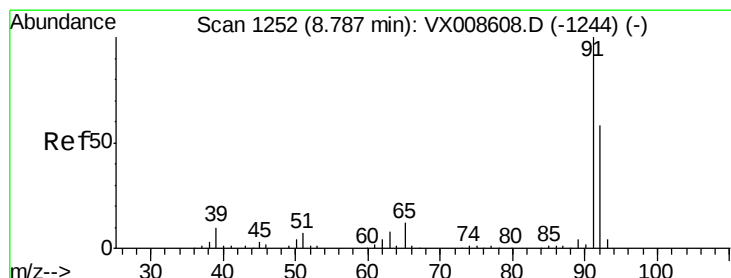
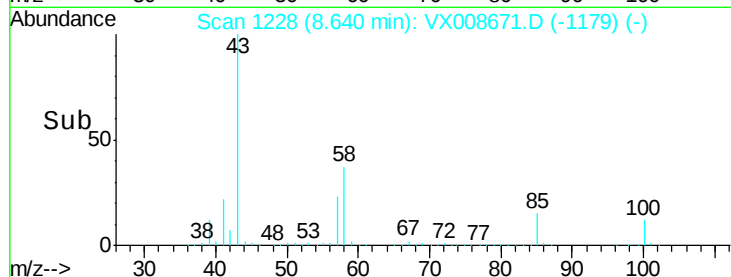
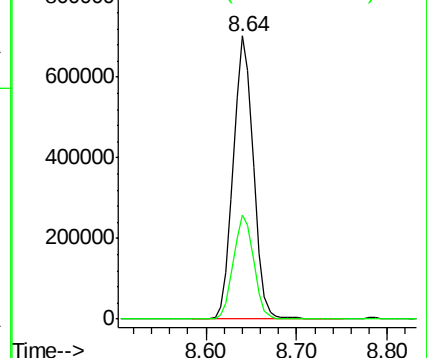
43 100

58 36.9 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 45.952 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008671.D

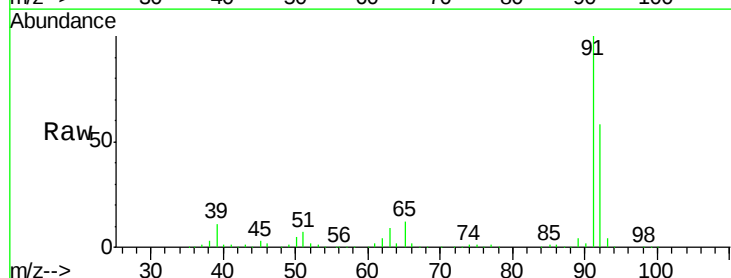
Acq: 05 Apr 2019 05:42

Tgt Ion: 92 Resp: 267327

Ion Ratio Lower Upper

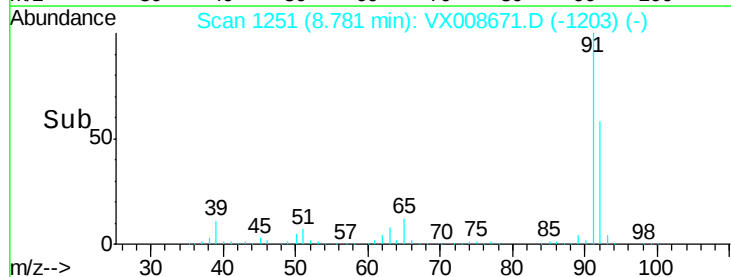
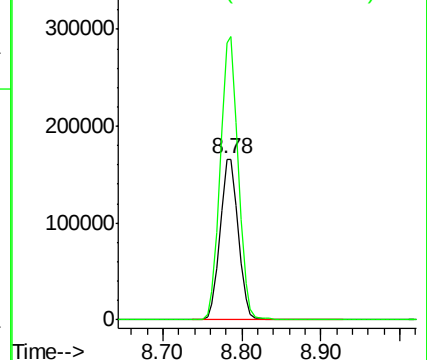
92 100

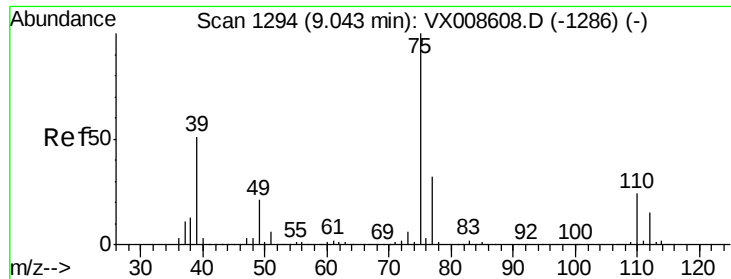
91 174.3 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 45.838 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

Instrument :

MSVOA_X

ClientSampleId :

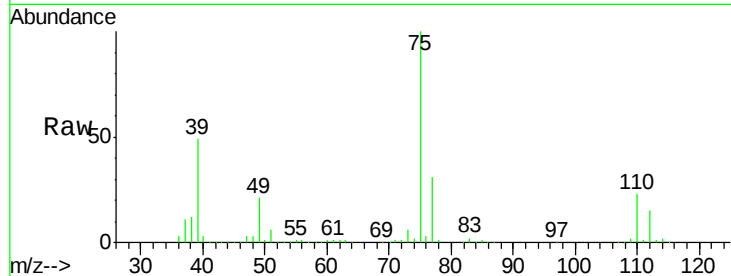
VSTDCCC050EC

Tgt Ion: 75 Resp: 158145

Ion Ratio Lower Upper

75 100

77 31.2 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

120000

100000

80000

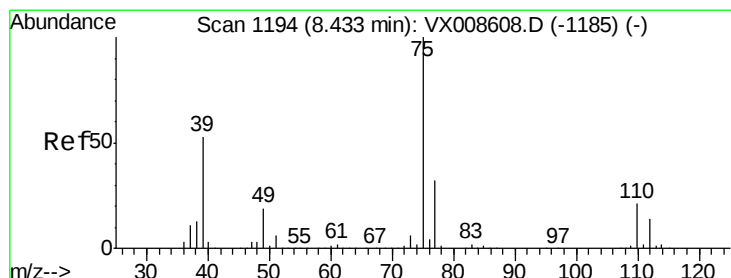
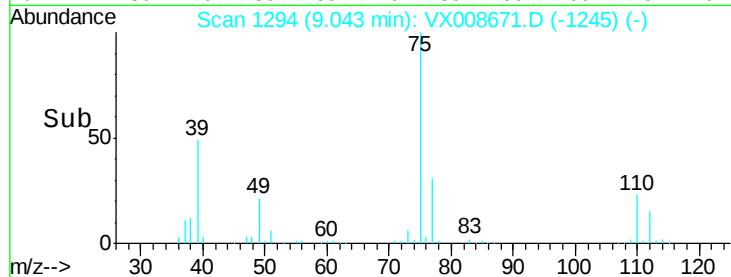
60000

40000

20000

0

Time--> 8.95 9.00 9.05 9.10 9.15



#54

cis-1,3-Dichloropropene

Concen: 44.430 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

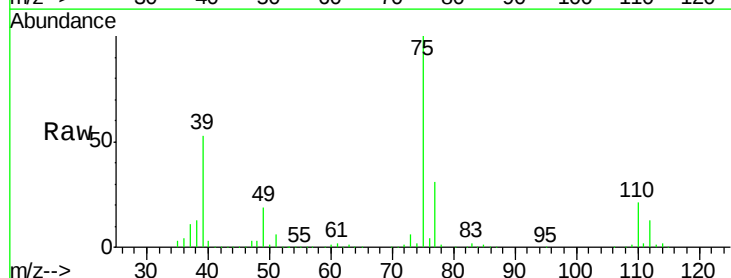
Tgt Ion: 75 Resp: 175153

Ion Ratio Lower Upper

75 100

77 31.1 25.3 37.9

39 53.0 42.6 63.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

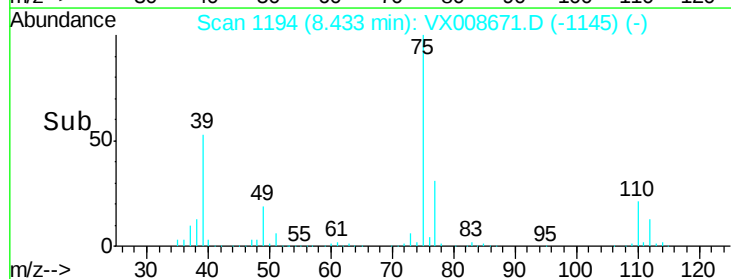
150000

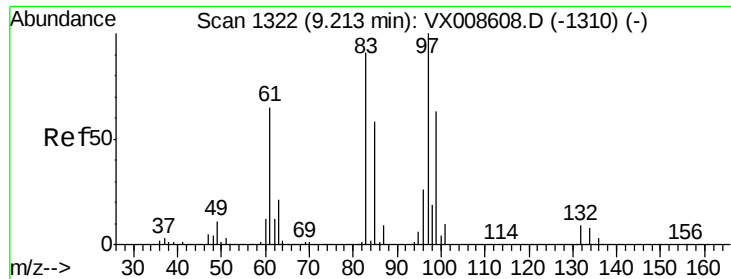
100000

50000

0

Time--> 8.35 8.40 8.45 8.50 8.55

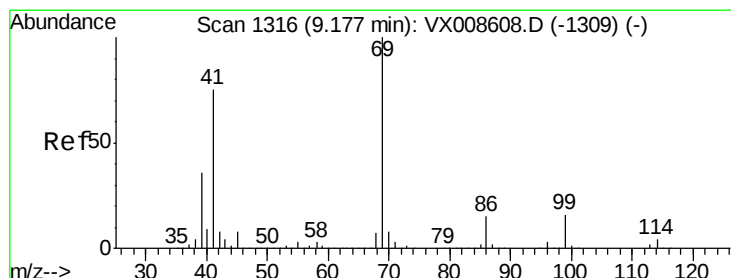
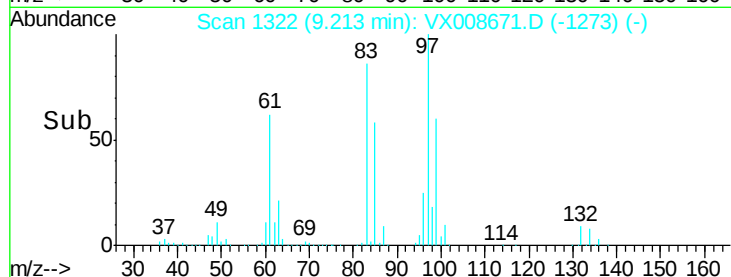
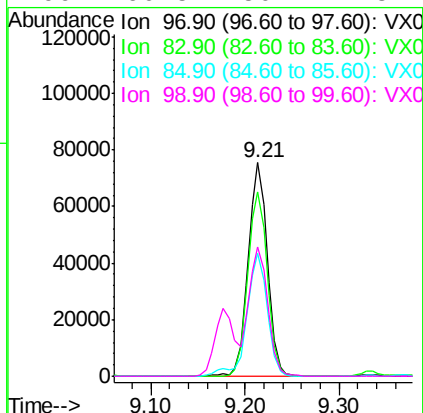
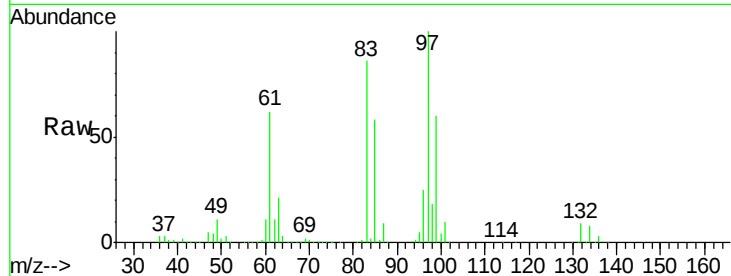




#55
 1,1,2-Trichloroethane
 Concen: 46.344 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008671.D
 Acq: 05 Apr 2019 05:42

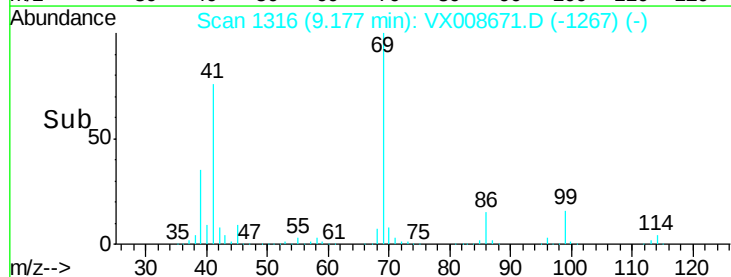
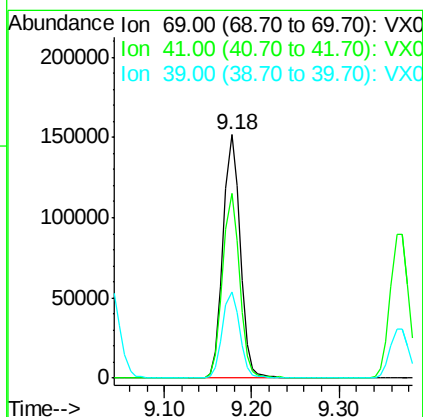
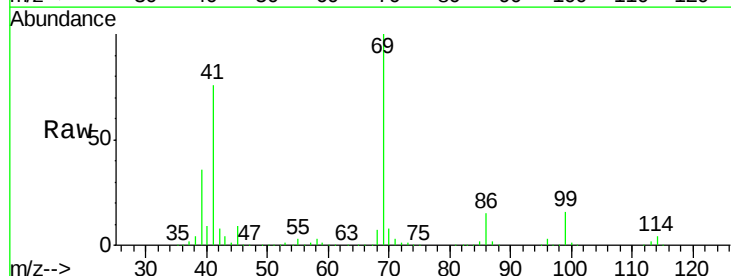
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

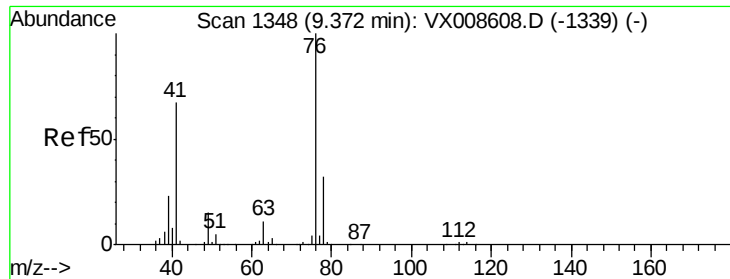
Tgt Ion:	97	Resp:	108222
Ion	Ratio	Lower	Upper
97	100		
83	86.5	73.2	109.8
85	57.6	46.6	69.8
99	60.5	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 48.836 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008671.D
 Acq: 05 Apr 2019 05:42

Tgt Ion:	69	Resp:	206336
Ion	Ratio	Lower	Upper
69	100		
41	75.3	60.1	90.1
39	36.0	28.9	43.3

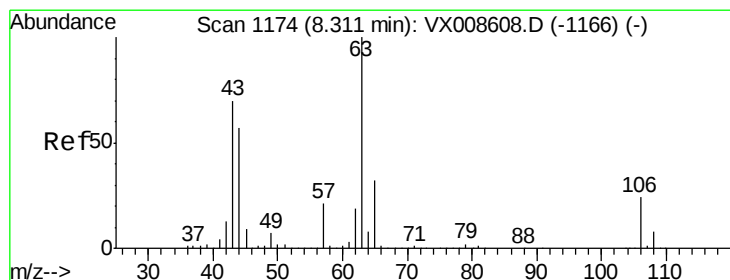
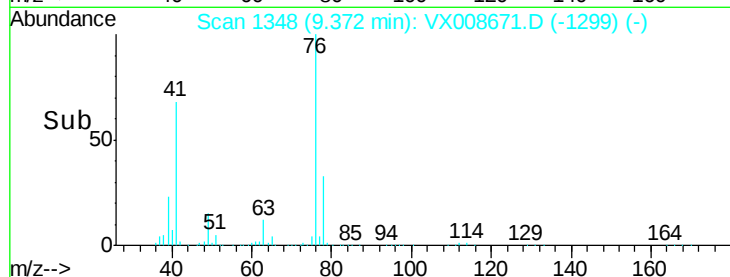
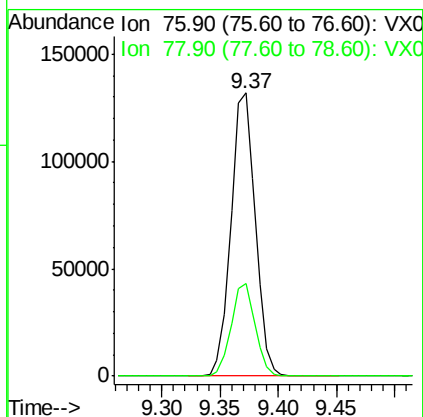
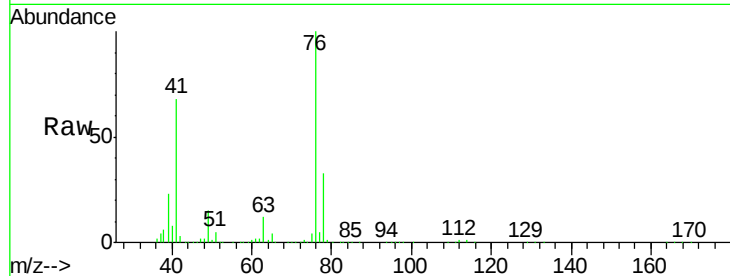




#57
 1,3-Dichloropropane
 Concen: 45.958 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX008671.D
 Acq: 05 Apr 2019 05:42

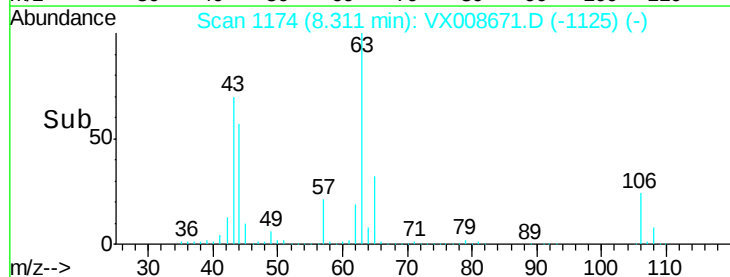
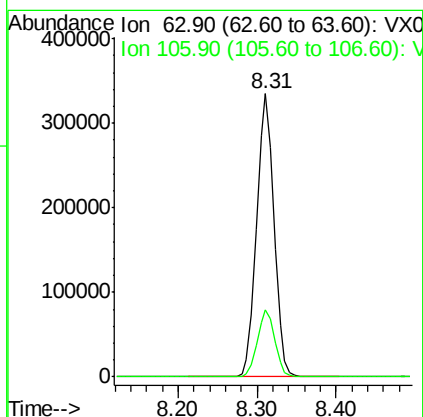
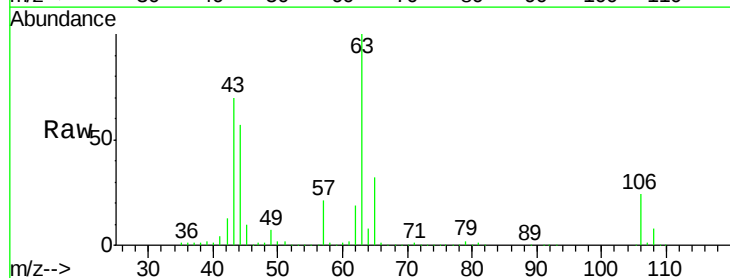
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

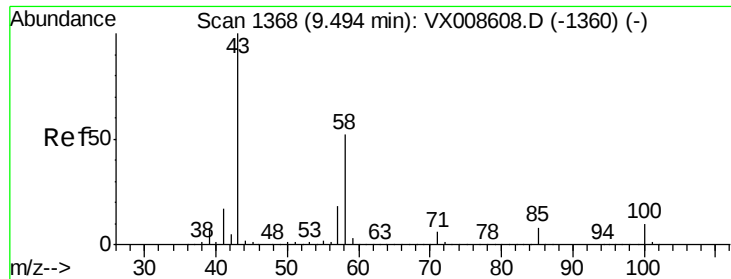
Tgt Ion: 76 Resp: 192711
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 238.454 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX008671.D
 Acq: 05 Apr 2019 05:42

Tgt Ion: 63 Resp: 514445
 Ion Ratio Lower Upper
 63 100
 106 24.0 19.0 28.6

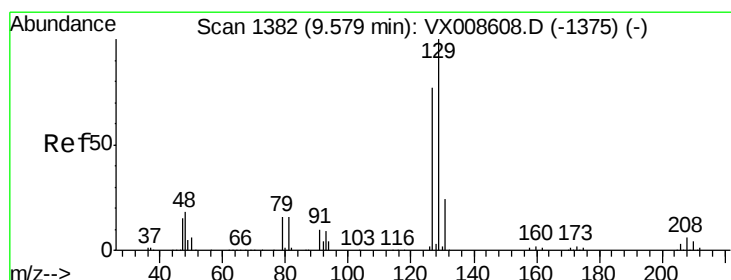
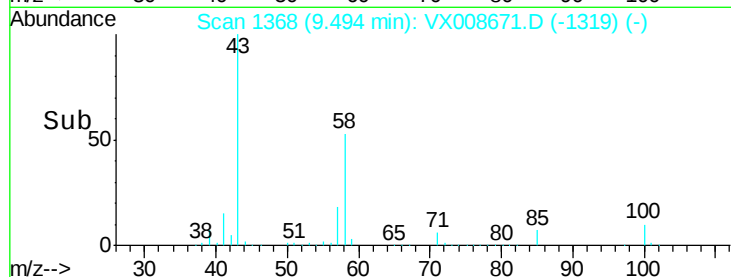
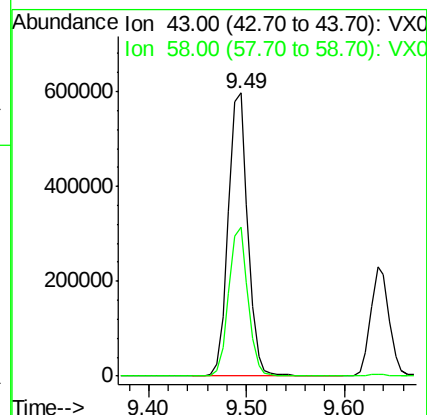
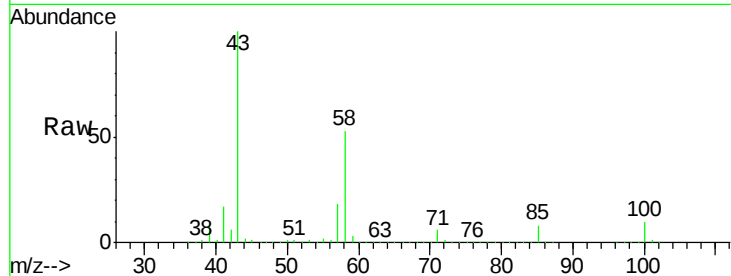




#59
2-Hexanone
Concen: 239.448 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX008671.D
Acq: 05 Apr 2019 05:42

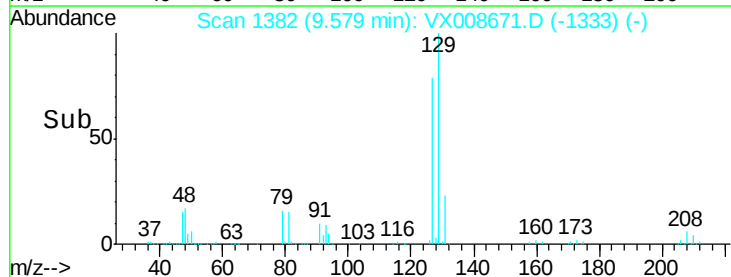
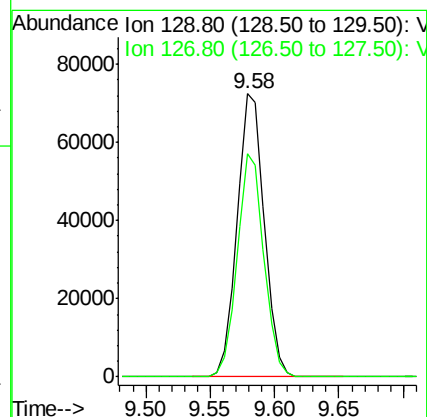
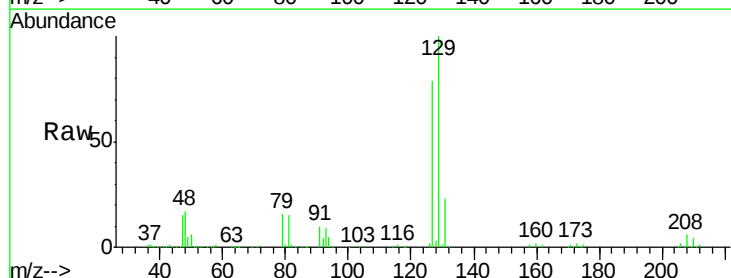
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

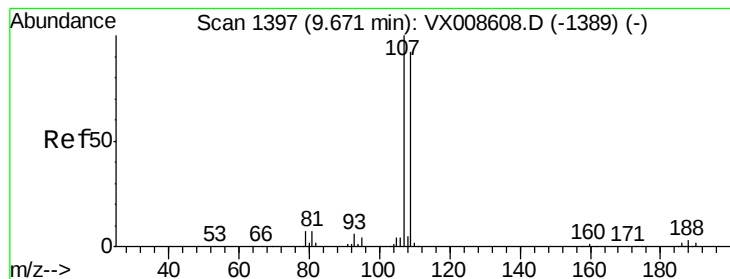
Tgt Ion: 43 Resp: 829644
Ion Ratio Lower Upper
43 100
58 52.0 25.9 77.7



#60
Dibromochloromethane
Concen: 48.418 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008671.D
Acq: 05 Apr 2019 05:42

Tgt Ion: 129 Resp: 106544
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.3





#61

1,2-Dibromoethane

Concen: 45.514 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

Instrument :

MSVOA_X

ClientSampleId :

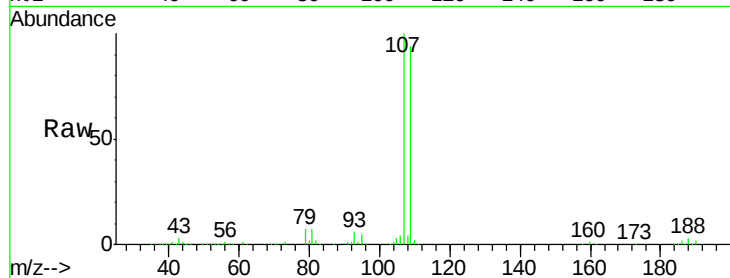
VSTDCCC050EC

Tgt Ion: 107 Resp: 110646

Ion Ratio Lower Upper

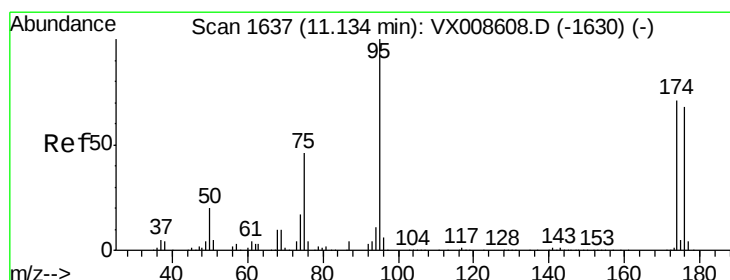
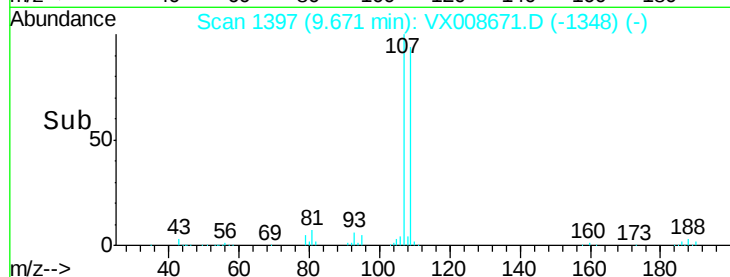
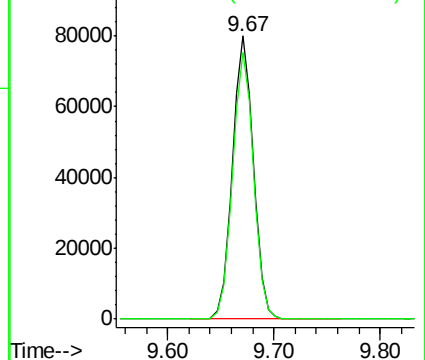
107 100

109 94.6 74.1 111.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.507 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

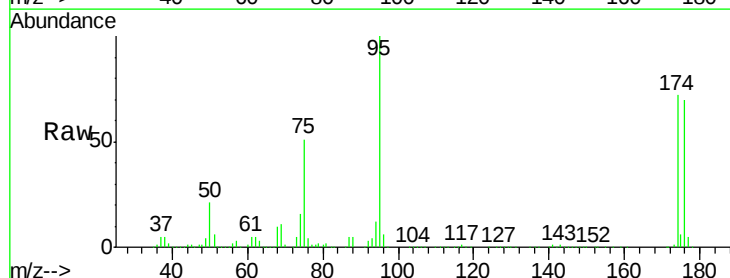
Tgt Ion: 95 Resp: 143634

Ion Ratio Lower Upper

95 100

174 76.7 0.0 151.8

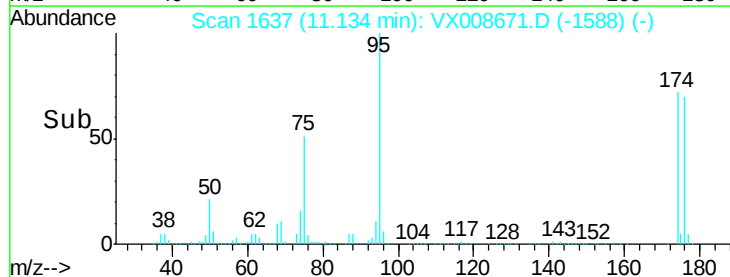
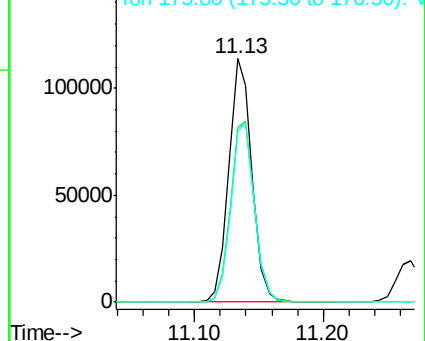
176 74.8 0.0 145.8

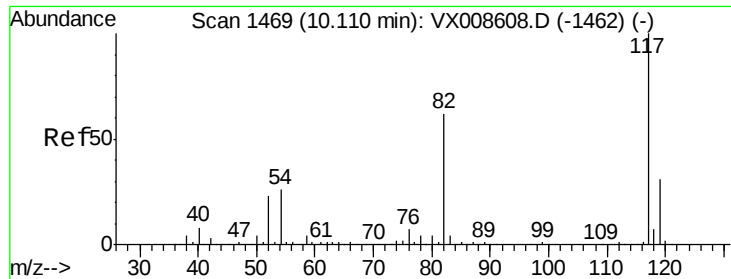


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

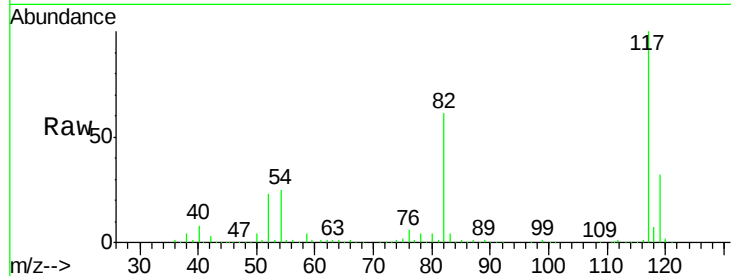




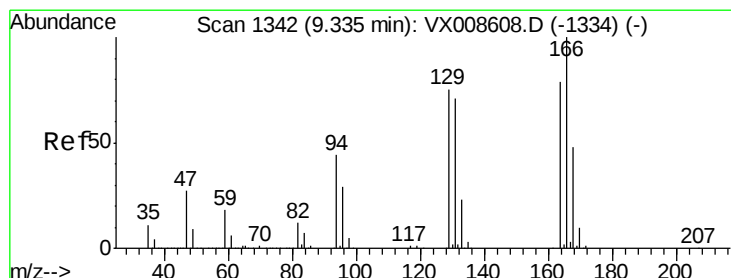
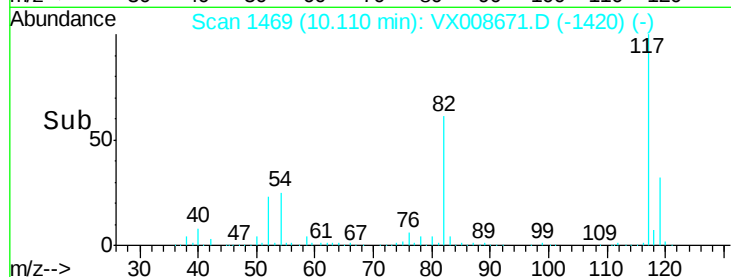
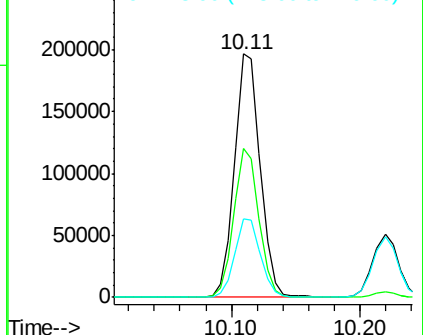
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008671.D
Acq: 05 Apr 2019 05:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 274153
Ion Ratio Lower Upper
117 100
82 61.2 49.6 74.4
119 32.1 25.0 37.4



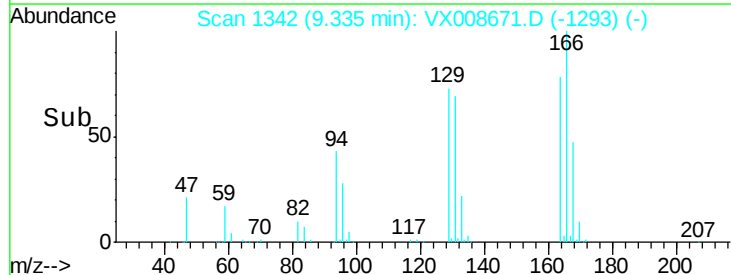
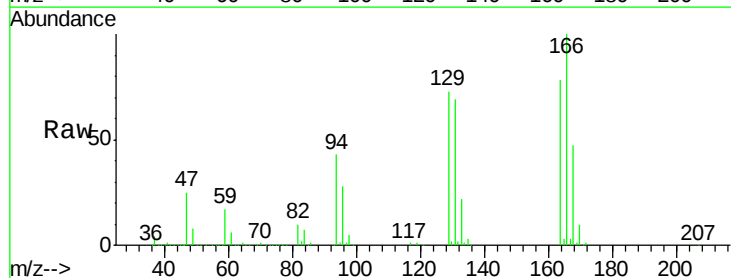
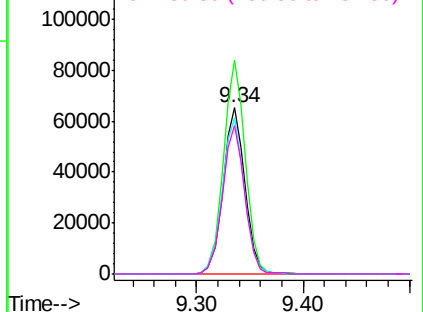
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

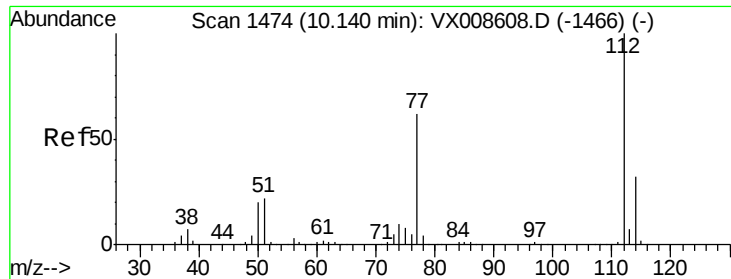


#64
Tetrachloroethene
Concen: 45.821 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008671.D
Acq: 05 Apr 2019 05:42

Tgt Ion:164 Resp: 93072
Ion Ratio Lower Upper
164 100
166 128.8 101.0 151.6
129 94.1 75.8 113.8
131 89.5 71.8 107.8

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

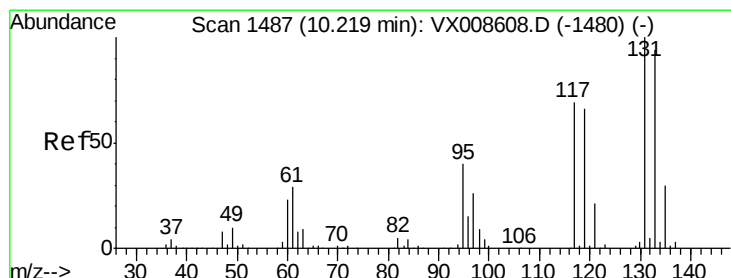
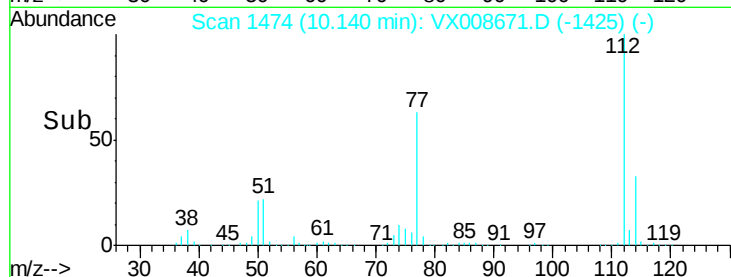
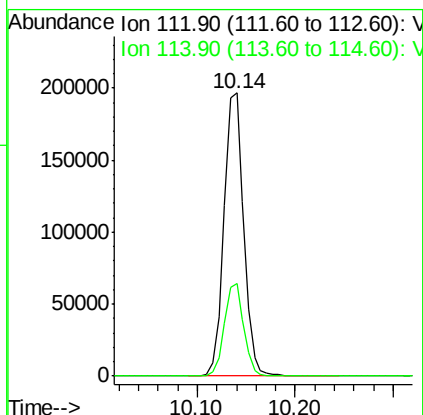
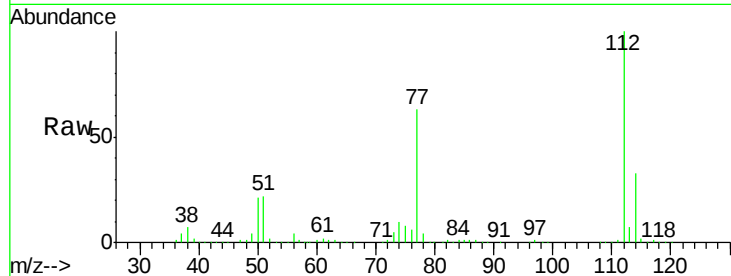




#65
Chlorobenzene
Concen: 45.266 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX008671.D
Acq: 05 Apr 2019 05:42

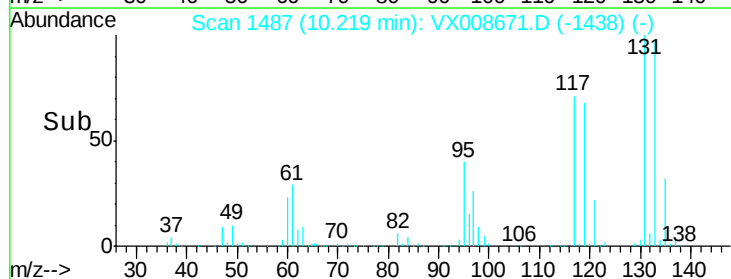
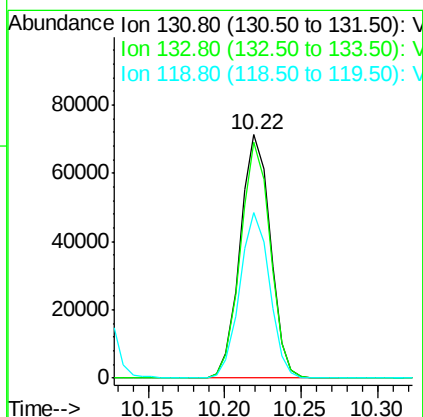
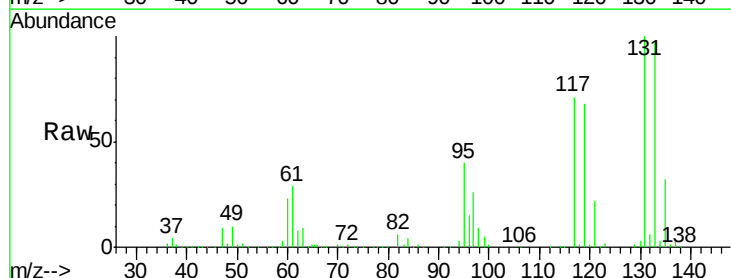
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

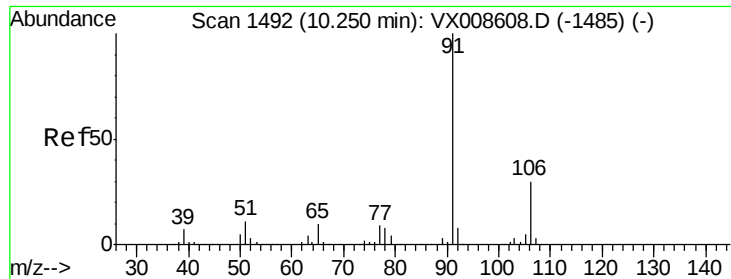
Tgt Ion:112 Resp: 275083
Ion Ratio Lower Upper
112 100
114 32.8 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 45.934 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008671.D
Acq: 05 Apr 2019 05:42

Tgt Ion:131 Resp: 97930
Ion Ratio Lower Upper
131 100
133 95.3 47.0 141.2
119 67.1 33.7 101.0

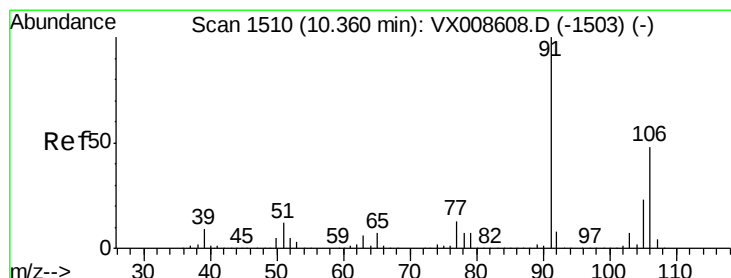
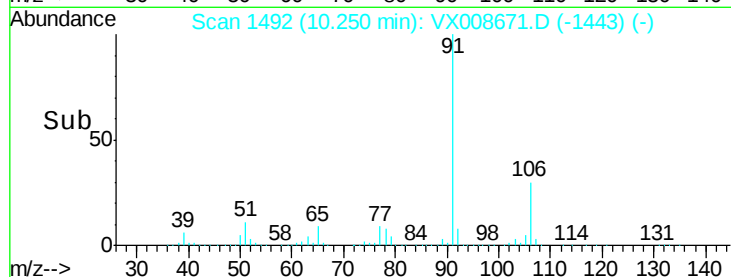
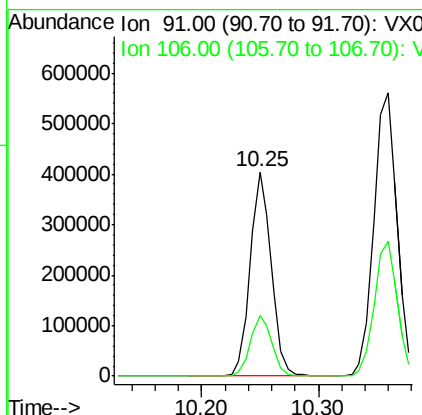
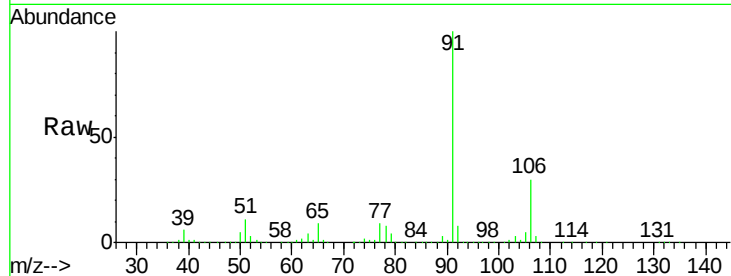




#67
Ethyl Benzene
Concen: 45.293 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008671.D
Acq: 05 Apr 2019 05:42

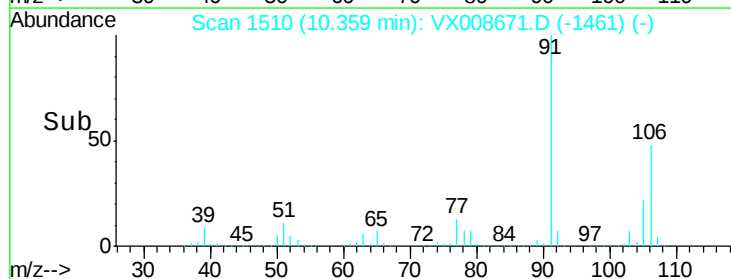
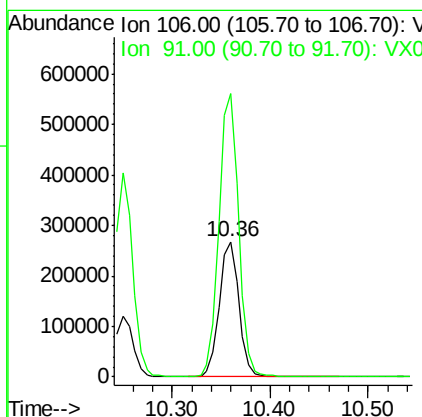
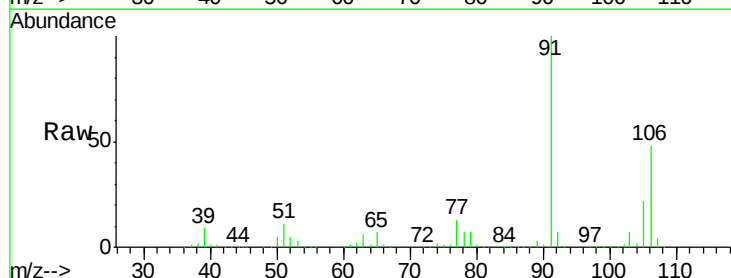
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

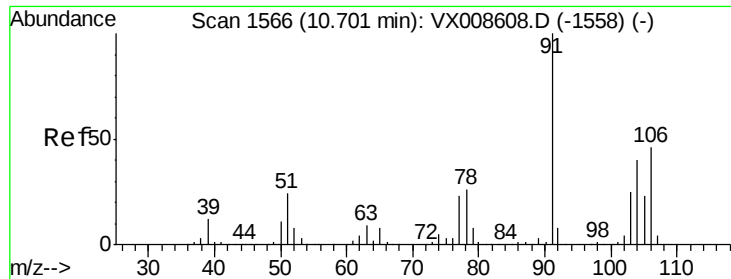
Tgt Ion: 91 Resp: 513256
Ion Ratio Lower Upper
91 100
106 29.9 23.7 35.5



#68
m/p-Xylenes
Concen: 91.048 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008671.D
Acq: 05 Apr 2019 05:42

Tgt Ion: 106 Resp: 370968
Ion Ratio Lower Upper
106 100
91 210.6 168.5 252.7

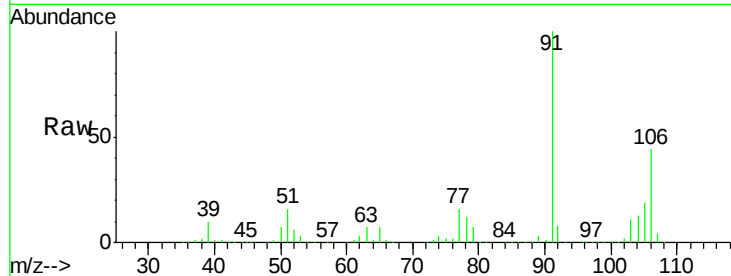




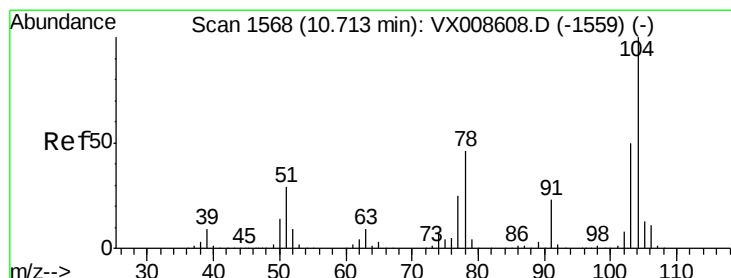
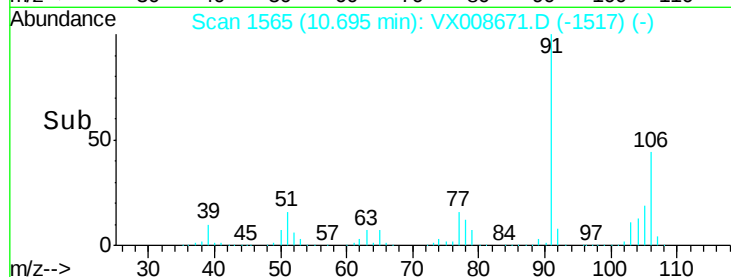
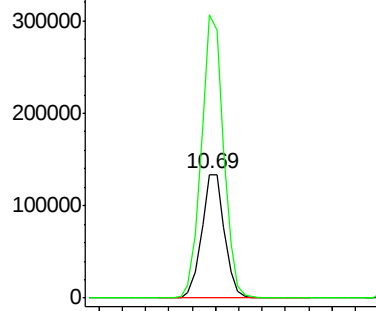
#69
o-Xylene
Concen: 46.245 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008671.D
Acq: 05 Apr 2019 05:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 182600
Ion Ratio Lower Upper
106 100
91 222.6 111.5 334.4

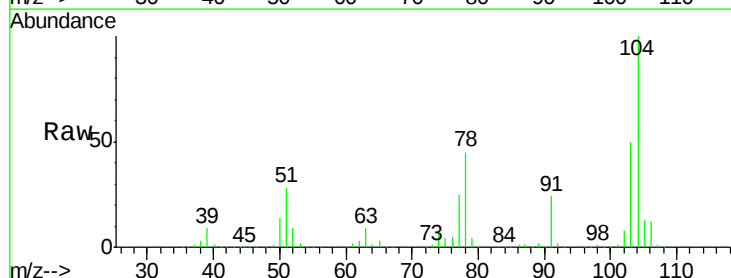


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

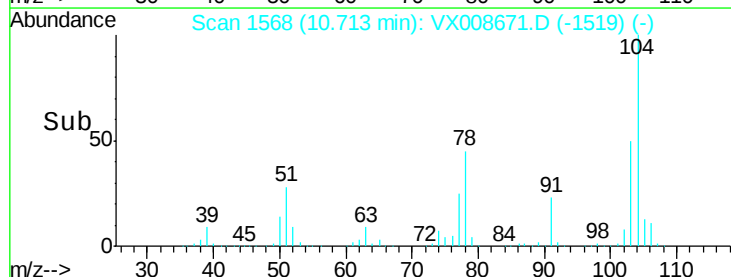
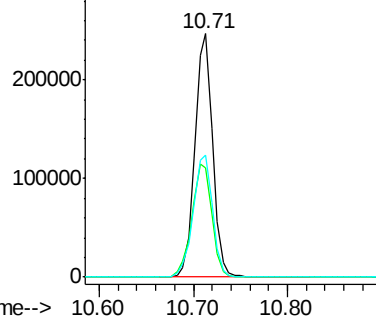


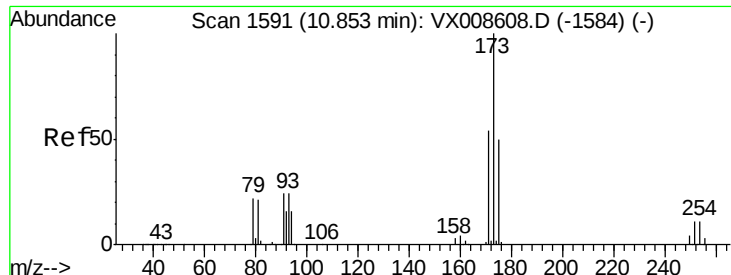
#70
Styrene
Concen: 47.155 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008671.D
Acq: 05 Apr 2019 05:42

Tgt Ion:104 Resp: 320955
Ion Ratio Lower Upper
104 100
78 52.4 42.3 63.5
103 55.4 44.4 66.6



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





#71

Bromoform

Concen: 48.544 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

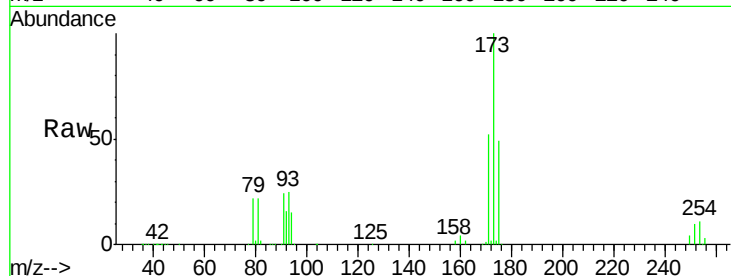
Tgt Ion:173 Resp: 79043

Ion Ratio Lower Upper

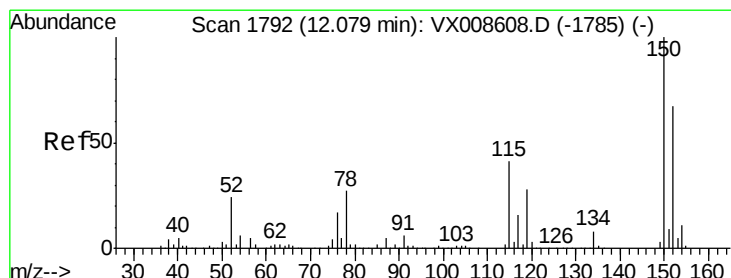
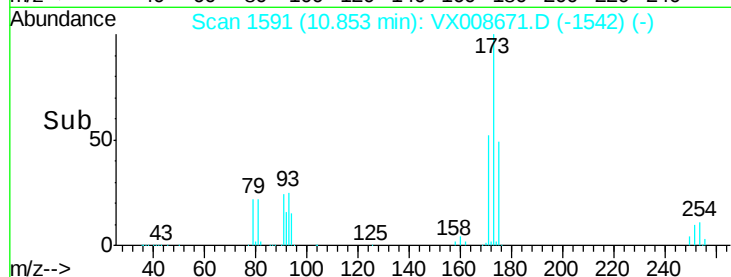
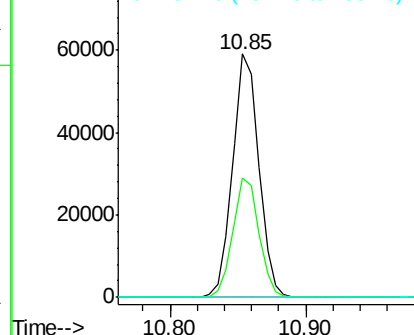
173 100

175 49.2 24.9 74.6

254 0.2 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

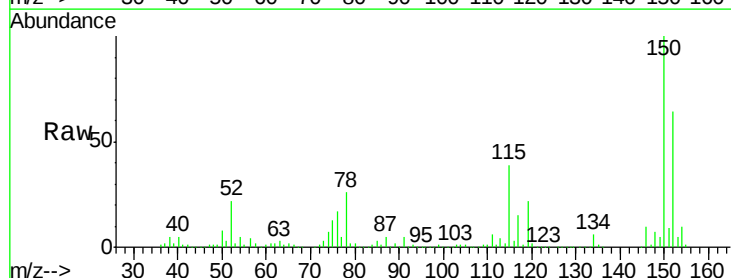
Tgt Ion:152 Resp: 127760

Ion Ratio Lower Upper

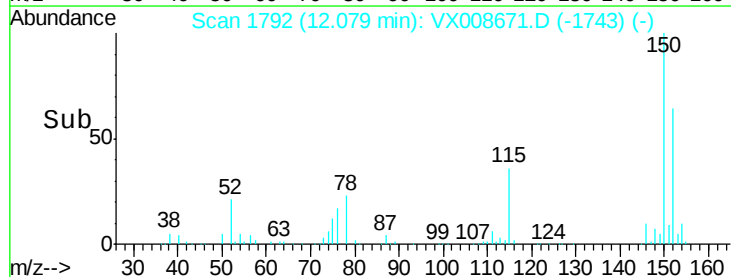
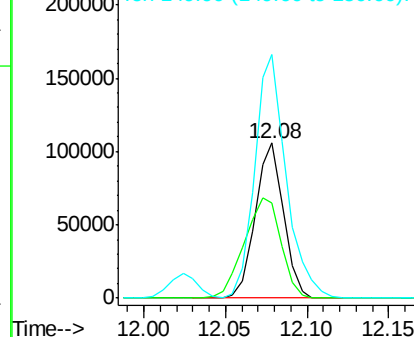
152 100

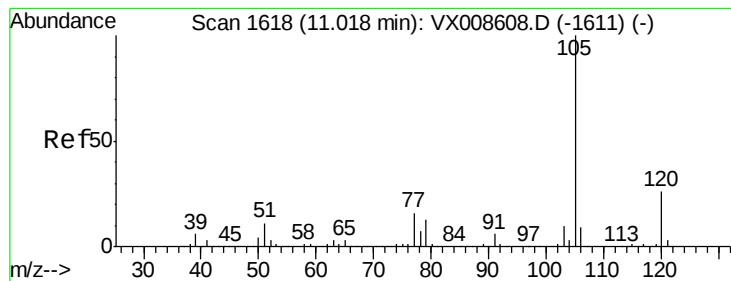
115 84.5 43.5 130.5

150 174.2 0.0 348.8



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





#73

Isopropylbenzene

Concen: 45.361 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

Instrument :

MSVOA_X

ClientSampleId :

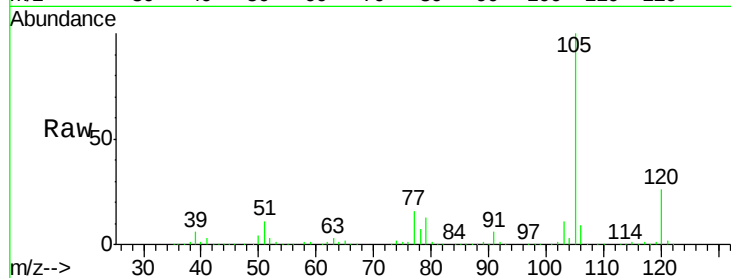
VSTDCCC050EC

Tgt Ion: 105 Resp: 480274

Ion Ratio Lower Upper

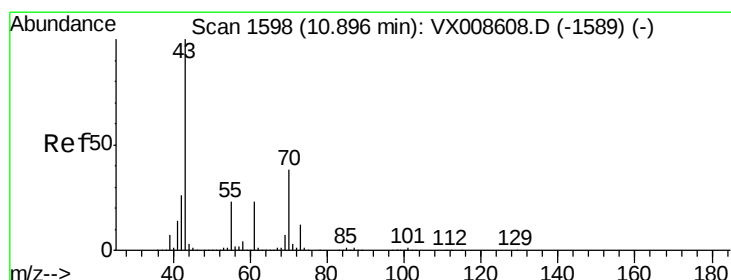
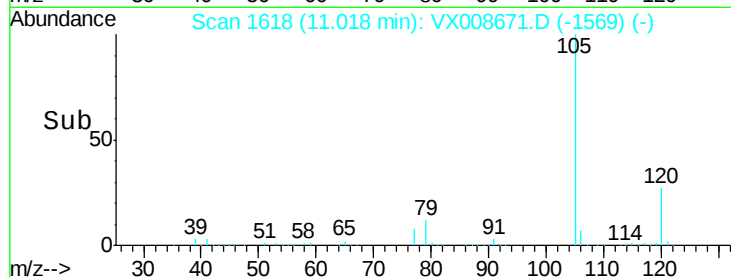
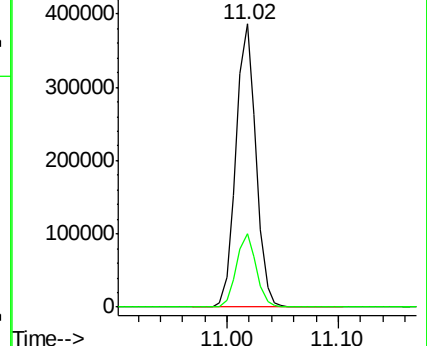
105 100

120 25.7 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.461 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

Tgt Ion: 43 Resp: 295649

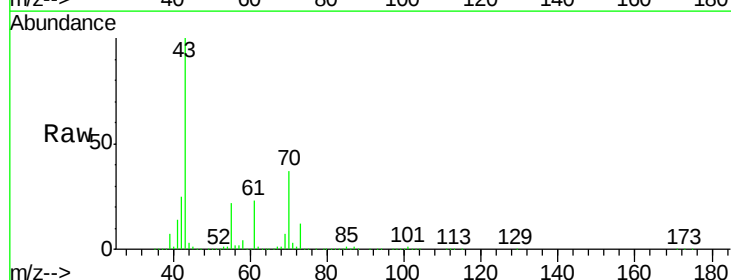
Ion Ratio Lower Upper

43 100

70 37.4 30.2 45.4

55 22.4 18.2 27.4

61 22.8 18.6 28.0

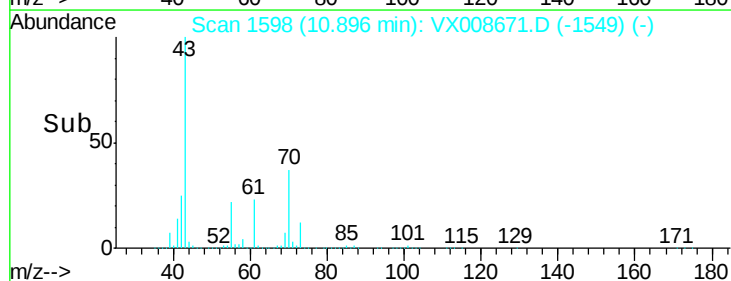
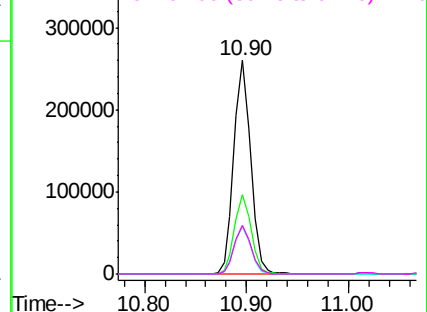


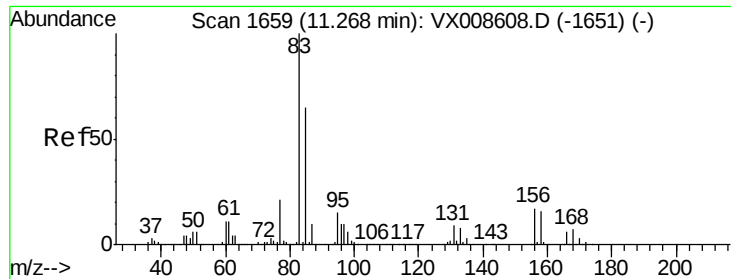
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 45.003 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

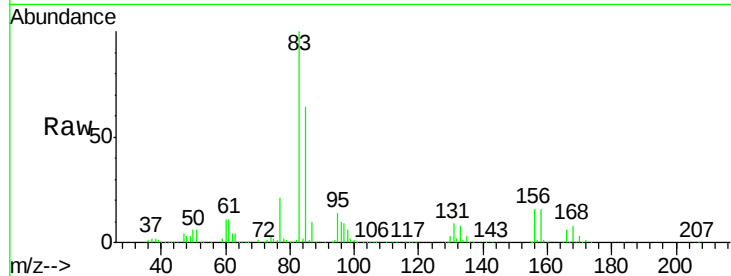
Tgt Ion: 83 Resp: 181214

Ion Ratio Lower Upper

83 100

131 9.3 4.5 13.7

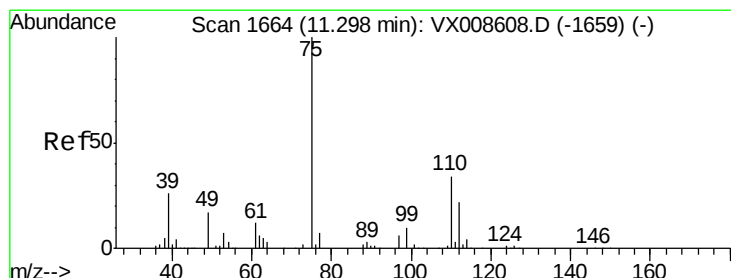
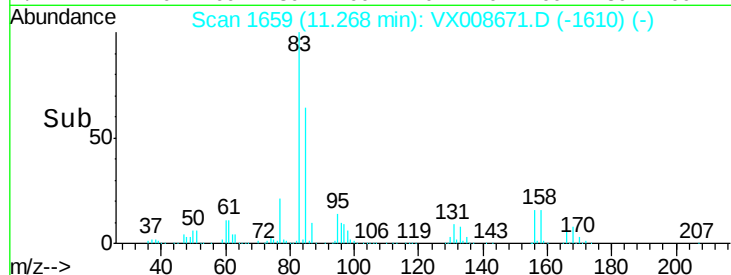
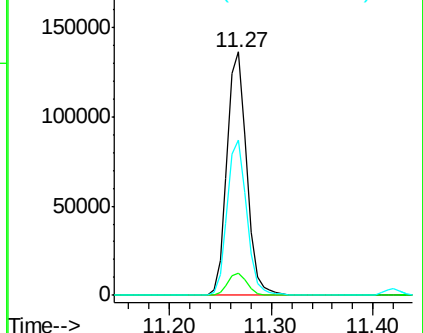
85 63.6 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 58.992 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX008671.D

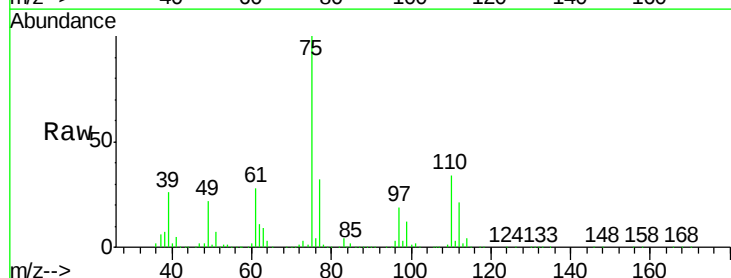
Acq: 05 Apr 2019 05:42

Tgt Ion: 75 Resp: 207042

Ion Ratio Lower Upper

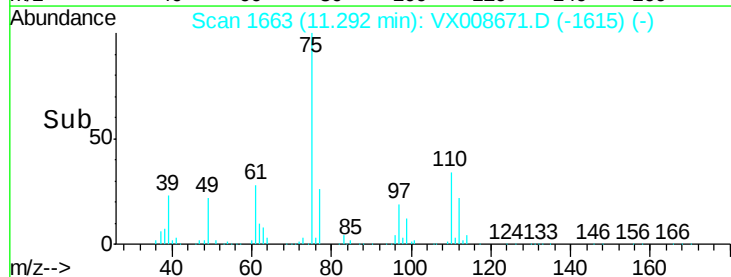
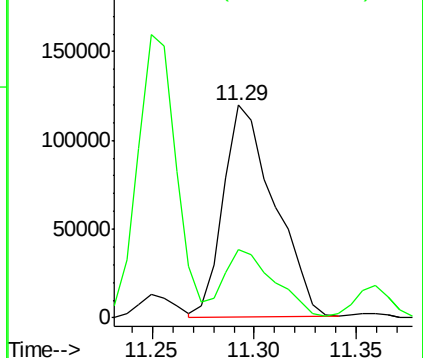
75 100

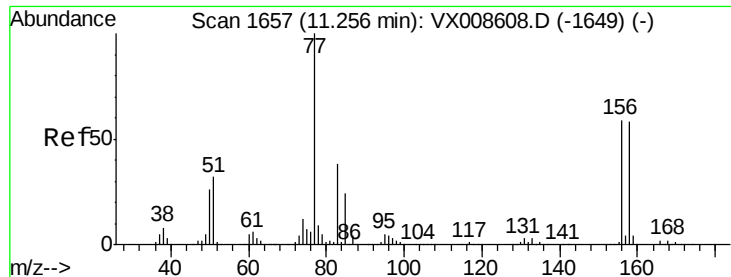
77 32.5 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 45.920 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

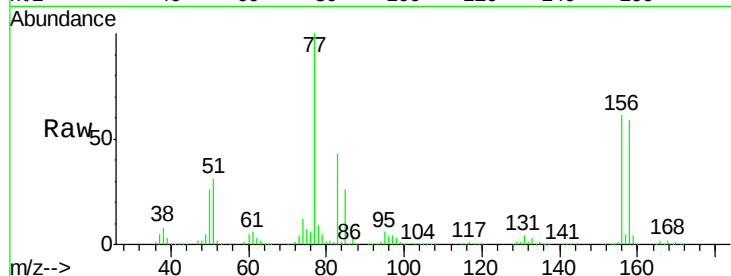
Tgt Ion:156 Resp: 116882

Ion Ratio Lower Upper

156 100

77 178.1 89.8 269.6

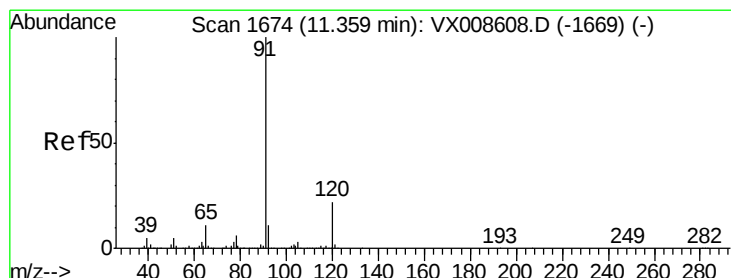
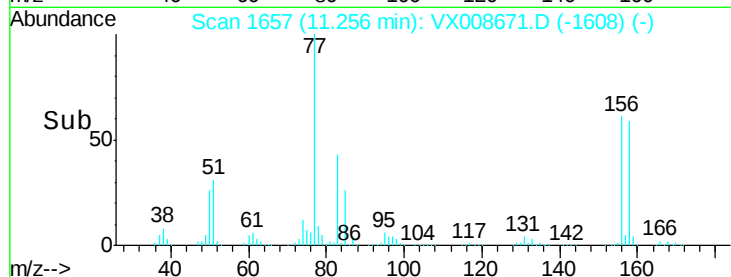
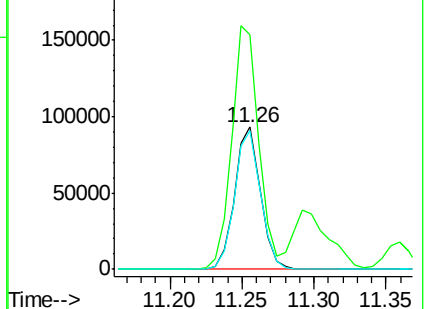
158 97.7 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 44.944 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008671.D

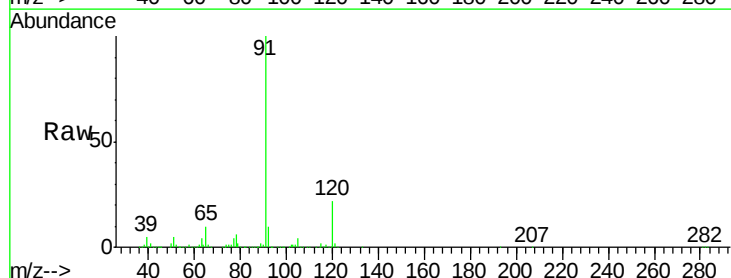
Acq: 05 Apr 2019 05:42

Tgt Ion: 91 Resp: 554078

Ion Ratio Lower Upper

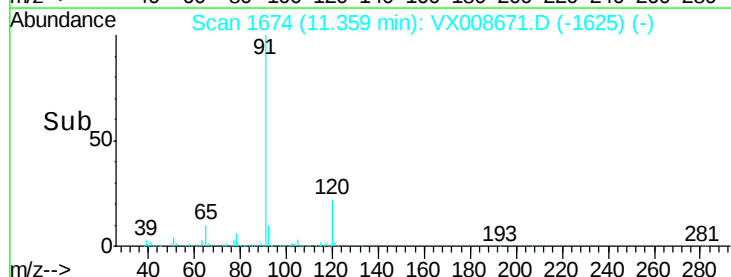
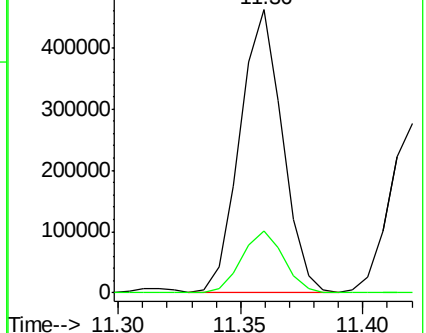
91 100

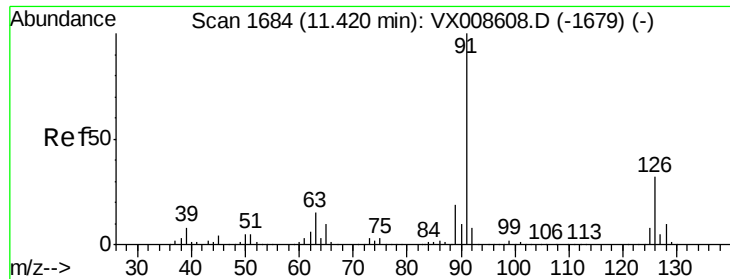
120 21.9 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

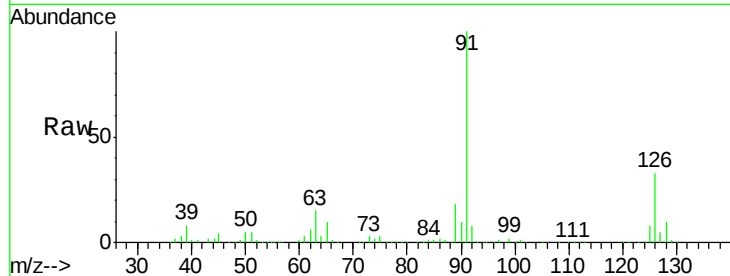




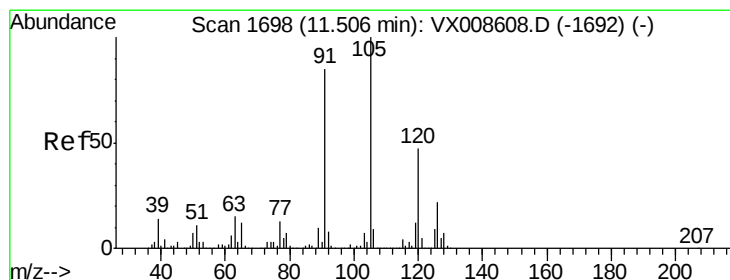
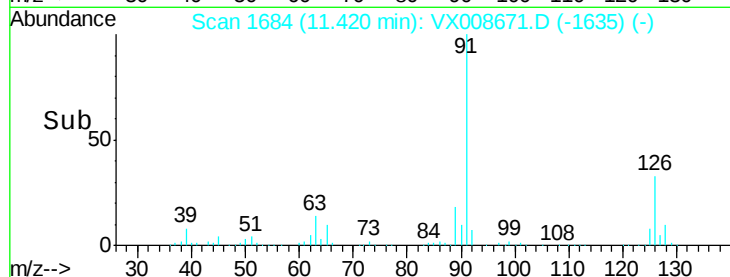
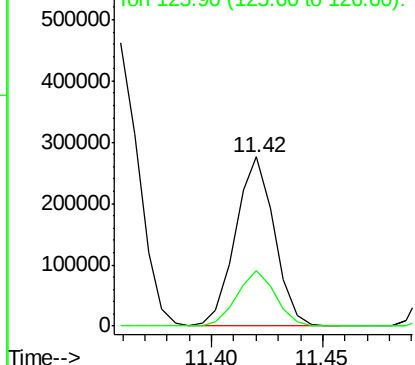
#79
 2-Chlorotoluene
 Concen: 44.899 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX008671.D
 Acq: 05 Apr 2019 05:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 91 Resp: 334970
 Ion Ratio Lower Upper
 91 100
 126 32.4 16.1 48.3

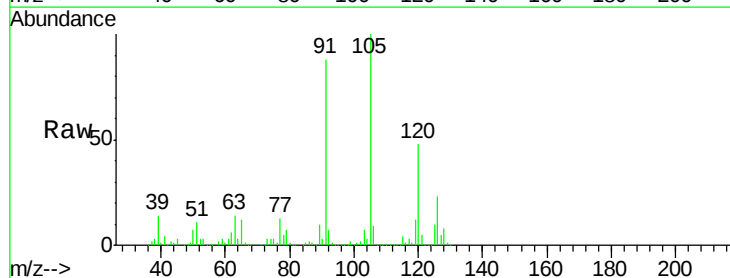


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

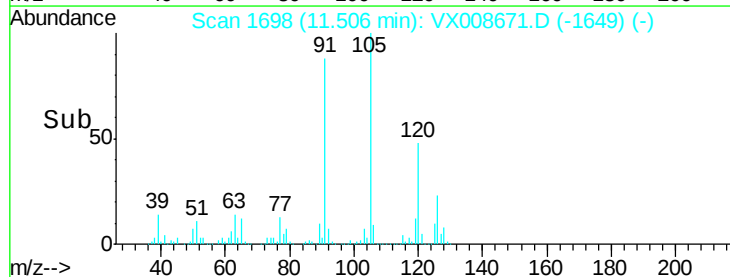
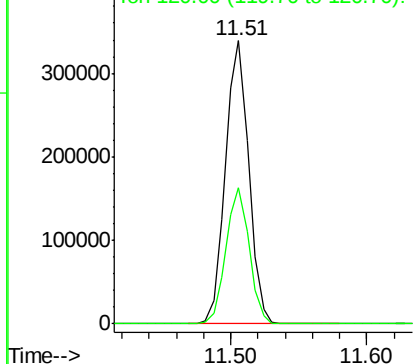


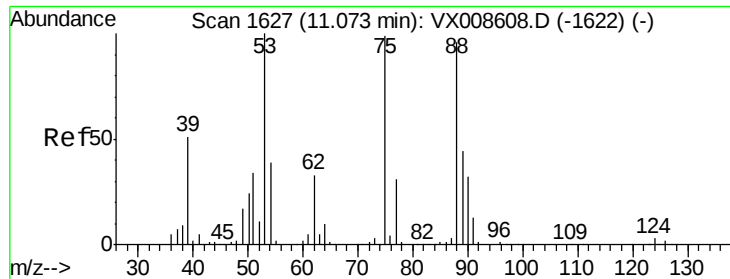
#80
 1,3,5-Trimethylbenzene
 Concen: 45.350 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008671.D
 Acq: 05 Apr 2019 05:42

Tgt Ion: 105 Resp: 403050
 Ion Ratio Lower Upper
 105 100
 120 47.9 23.5 70.6



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 42.323 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

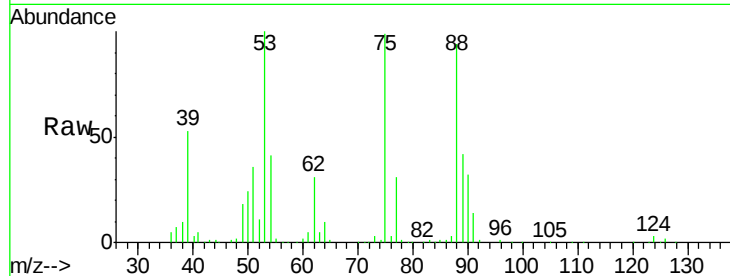
Tgt Ion: 75 Resp: 53886

Ion Ratio Lower Upper

75 100

53 103.8 81.3 121.9

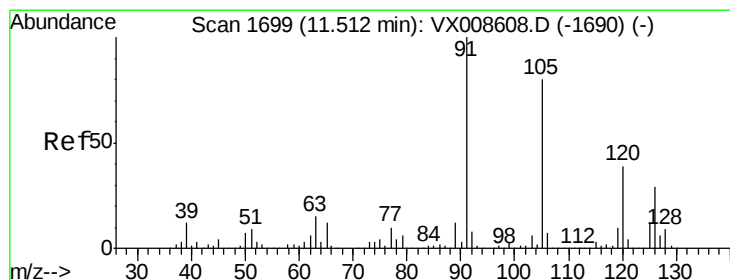
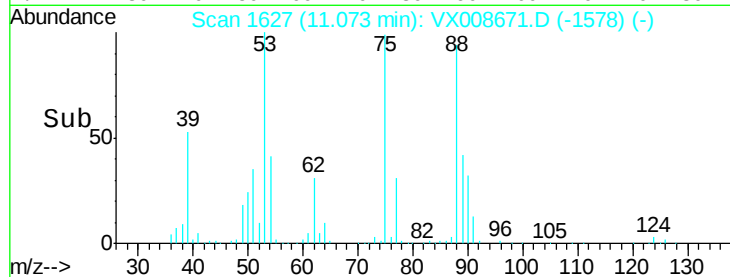
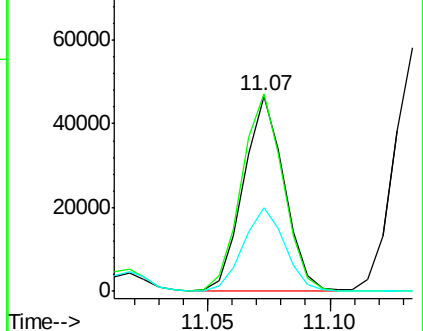
89 43.8 35.6 53.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 44.637 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX008671.D

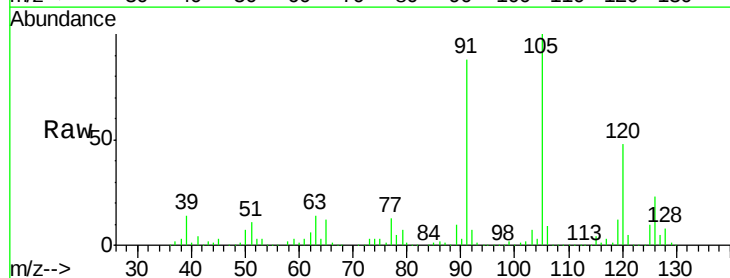
Acq: 05 Apr 2019 05:42

Tgt Ion: 91 Resp: 385470

Ion Ratio Lower Upper

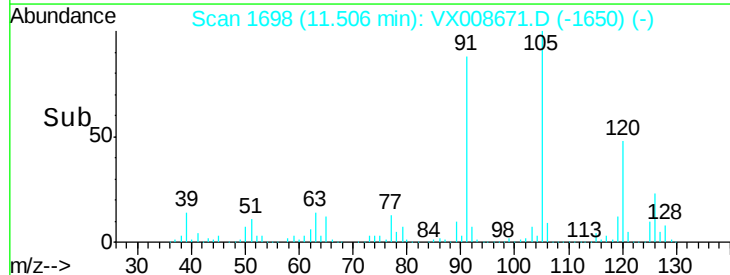
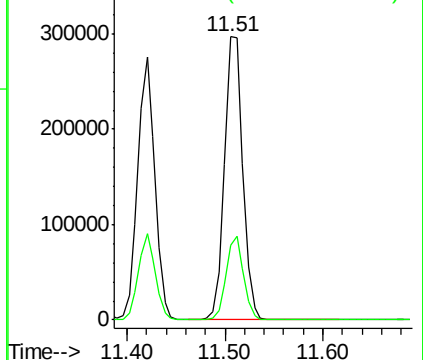
91 100

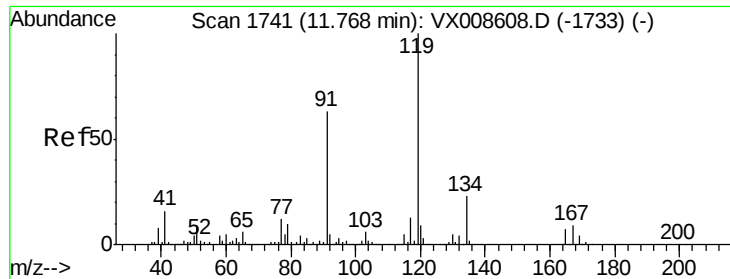
126 27.9 13.9 41.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

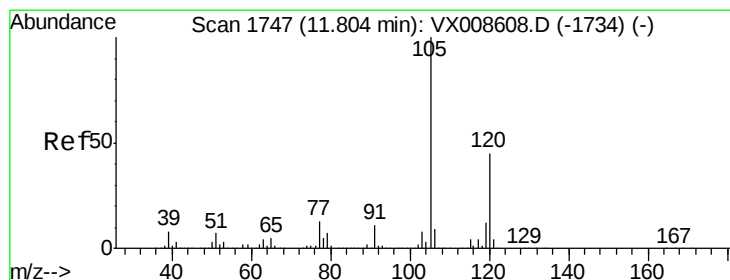
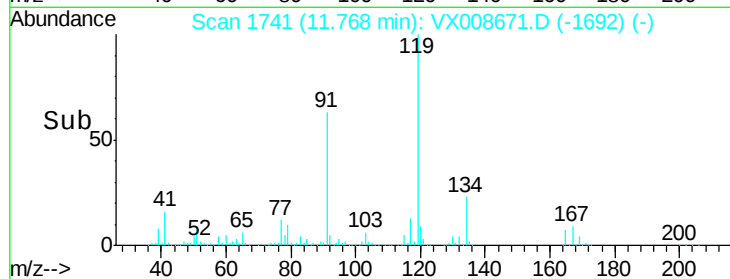
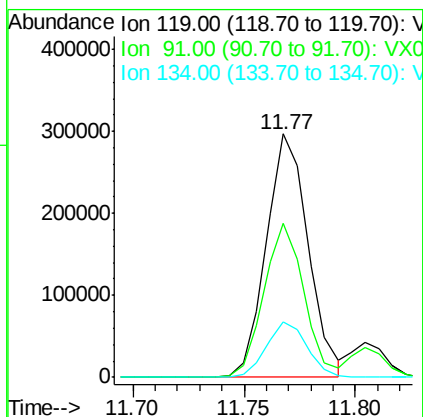
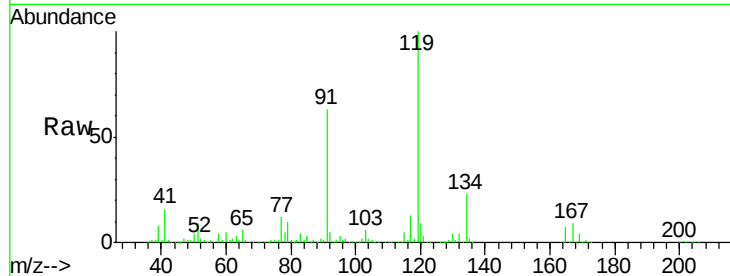




#83
 tert-Butylbenzene
 Concen: 45.466 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX008671.D
 Acq: 05 Apr 2019 05:42

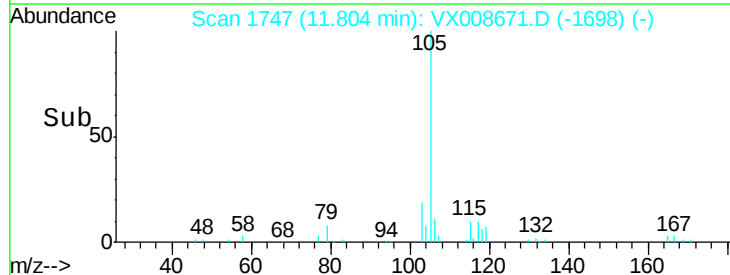
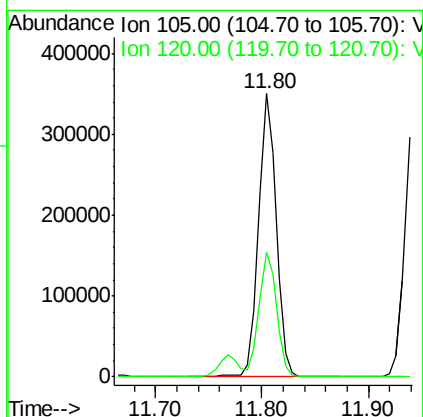
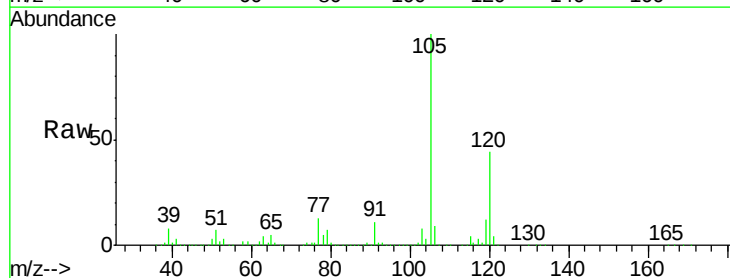
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

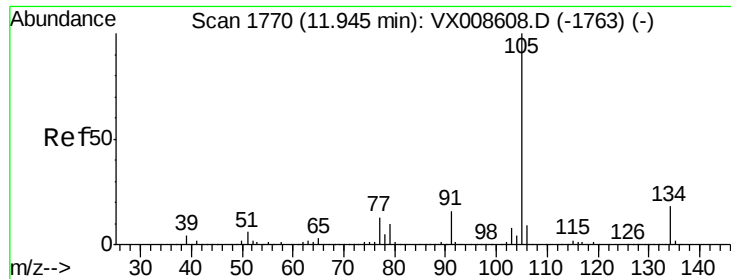
Tgt Ion:119 Resp: 388758
 Ion Ratio Lower Upper
 119 100
 91 60.4 30.0 90.1
 134 22.2 11.1 33.3



#84
 1,2,4-Trimethylbenzene
 Concen: 45.547 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008671.D
 Acq: 05 Apr 2019 05:42

Tgt Ion:105 Resp: 409888
 Ion Ratio Lower Upper
 105 100
 120 43.6 21.8 65.3

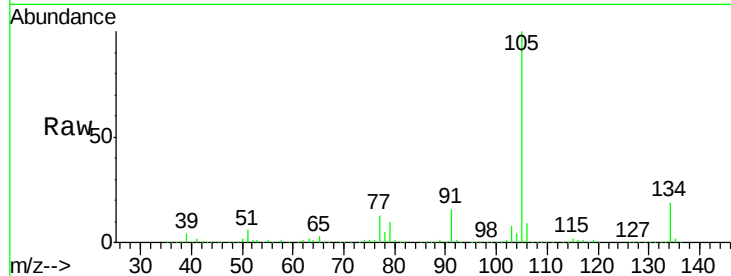




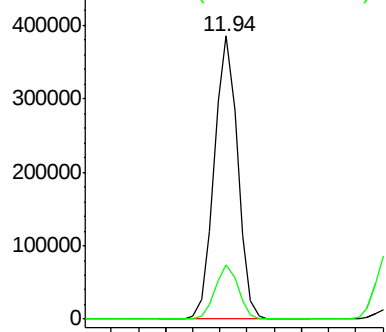
#85
 sec-Butylbenzene
 Concen: 45.426 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX008671.D
 Acq: 05 Apr 2019 05:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

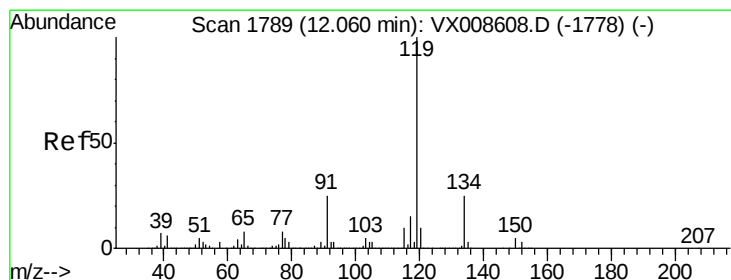
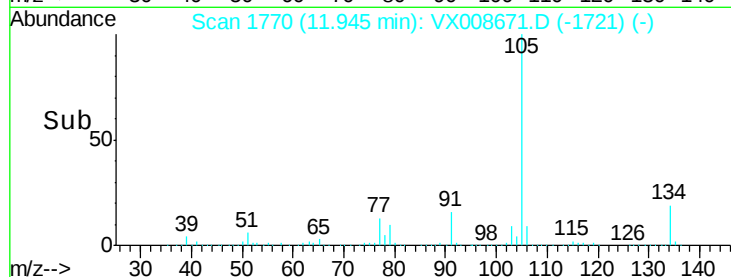
Tgt Ion:105 Resp: 461369
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.4 28.2



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

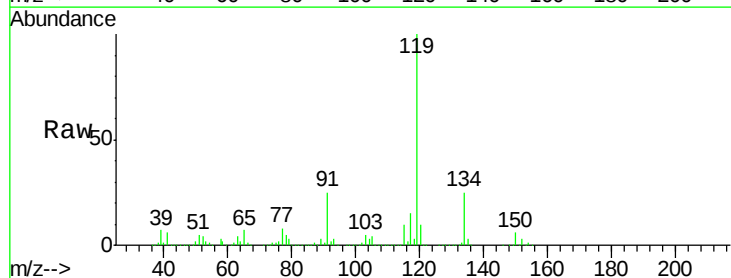


Time-->

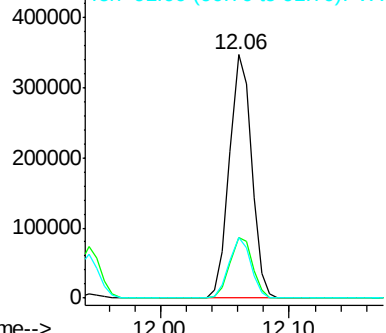


#86
 p-Isopropyltoluene
 Concen: 45.311 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX008671.D
 Acq: 05 Apr 2019 05:42

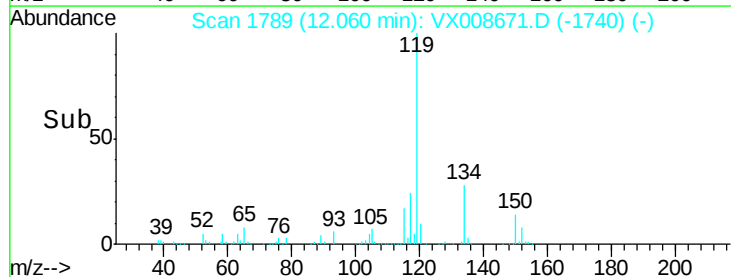
Tgt Ion:119 Resp: 413049
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.4
 91 24.4 12.2 36.6

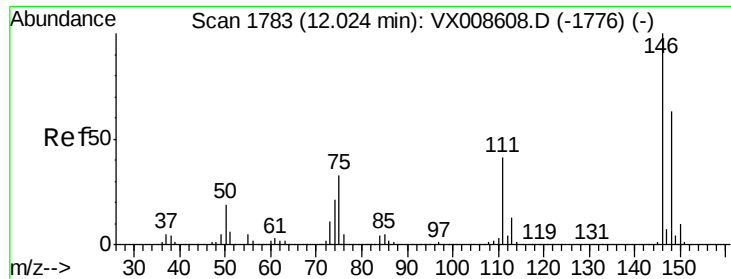


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V



Time-->





#87

1,3-Dichlorobenzene

Concen: 45.184 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

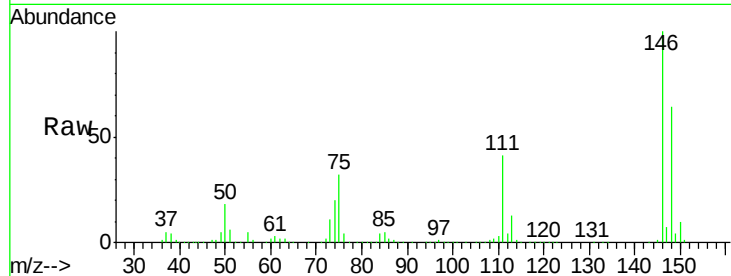
Tgt Ion:146 Resp: 205891

Ion Ratio Lower Upper

146 100

111 40.9 20.5 61.5

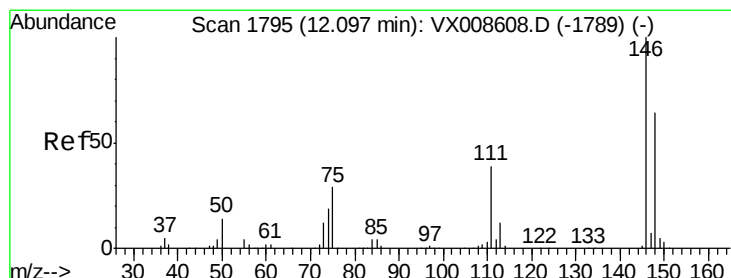
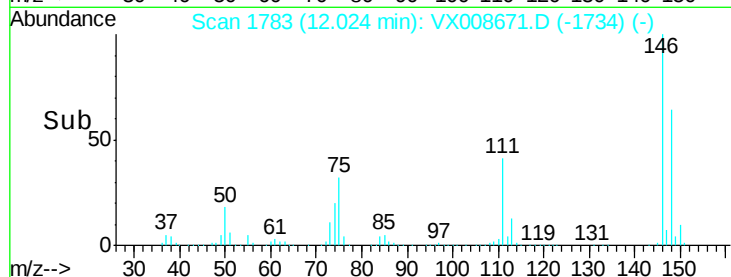
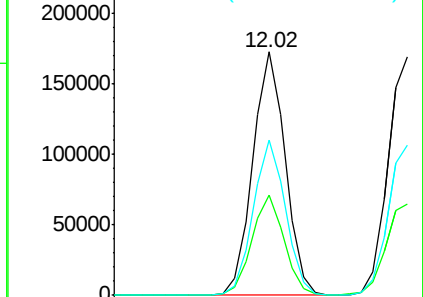
148 63.4 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 44.613 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

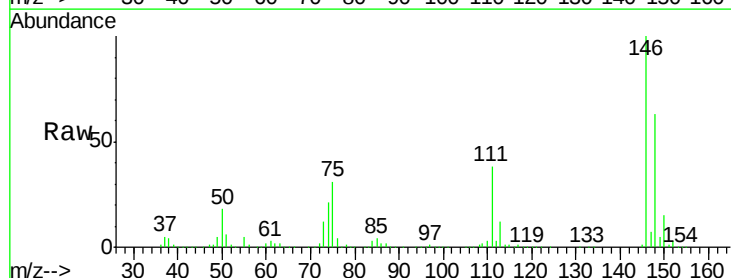
Tgt Ion:146 Resp: 205855

Ion Ratio Lower Upper

146 100

111 39.4 20.2 60.6

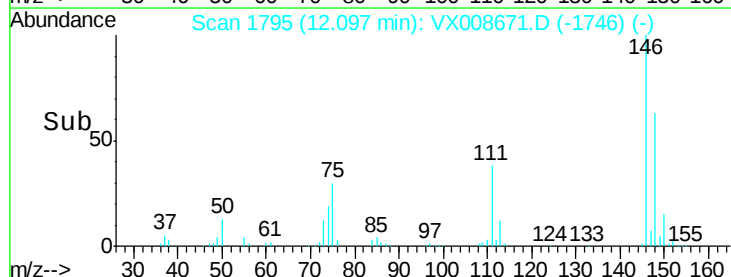
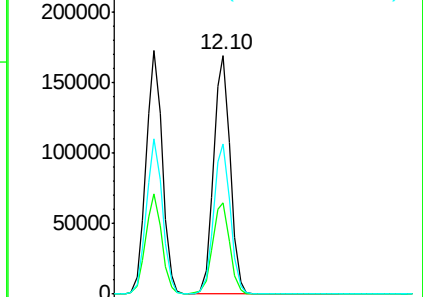
148 63.1 32.0 96.0

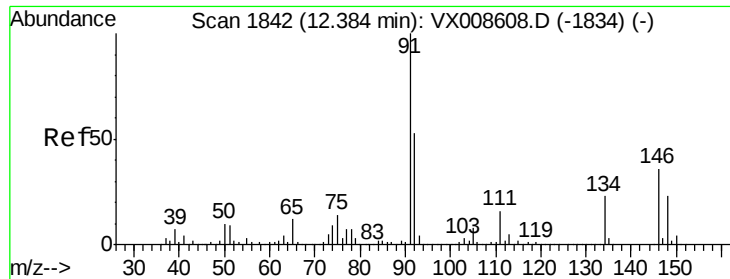


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

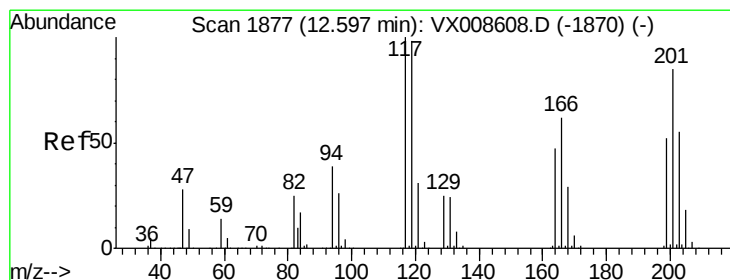
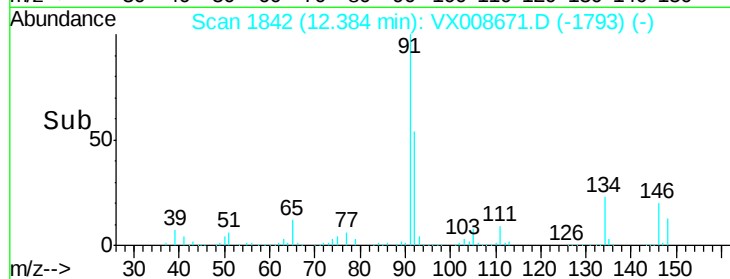
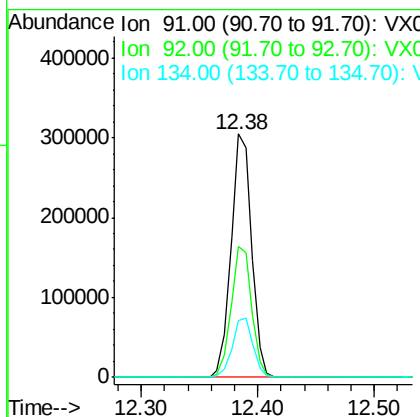
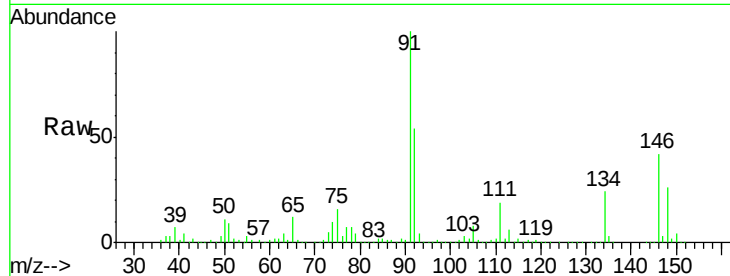




#89
n-Butylbenzene
Concen: 43.842 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008671.D
Acq: 05 Apr 2019 05:42

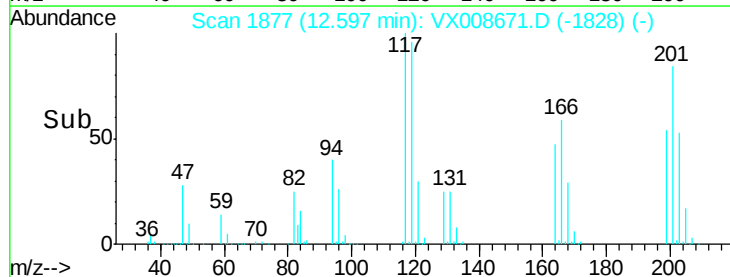
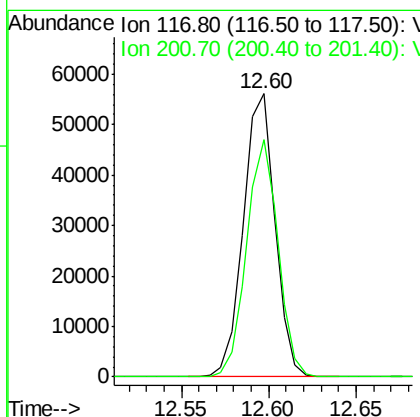
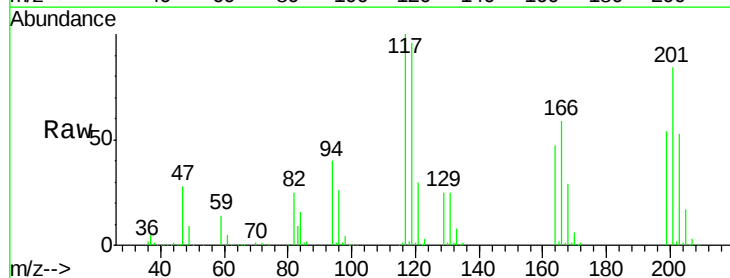
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 374808
Ion Ratio Lower Upper
91 100
92 53.5 26.4 79.2
134 24.4 12.0 36.0



#90
Hexachloroethane
Concen: 46.875 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008671.D
Acq: 05 Apr 2019 05:42

Tgt Ion: 117 Resp: 70873
Ion Ratio Lower Upper
117 100
201 83.2 40.6 122.0





#91

1,2-Dichlorobenzene

Concen: 45.415 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

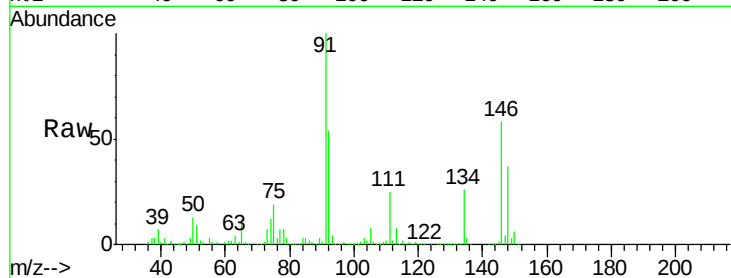
Tgt Ion:146 Resp: 205471

Ion Ratio Lower Upper

146 100

111 42.6 21.3 63.9

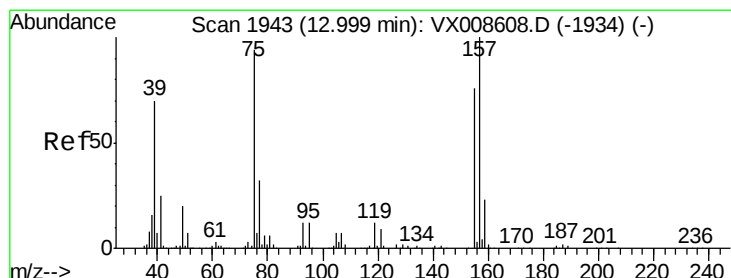
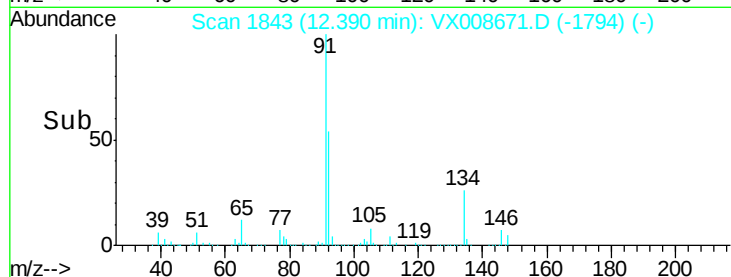
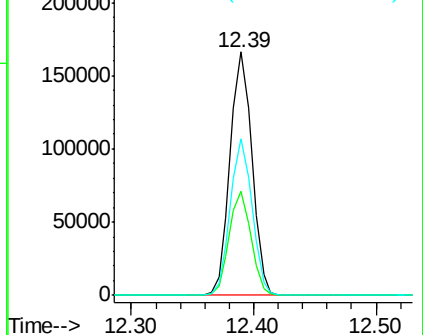
148 63.8 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.383 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

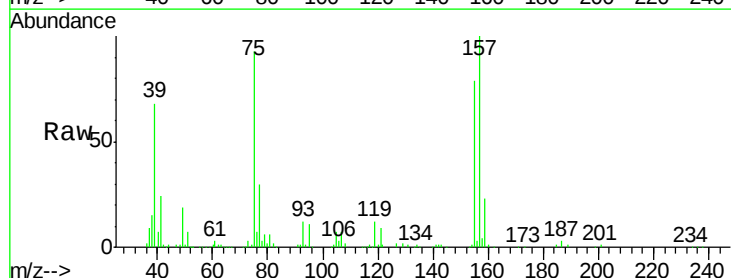
Tgt Ion: 75 Resp: 39315

Ion Ratio Lower Upper

75 100

155 80.6 39.9 119.6

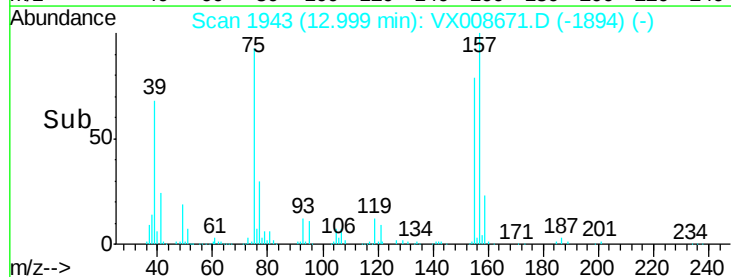
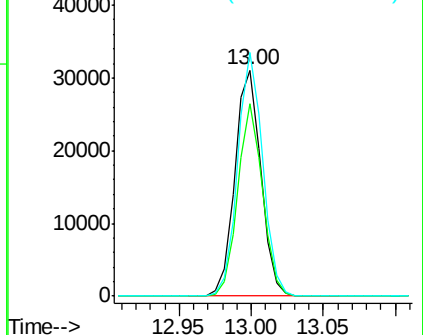
157 102.9 51.5 154.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

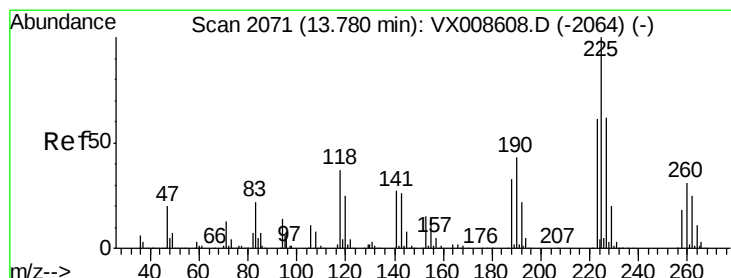
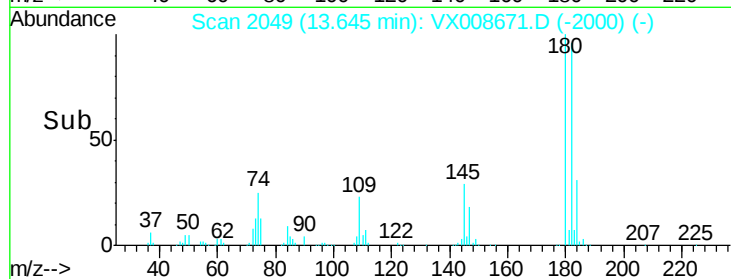
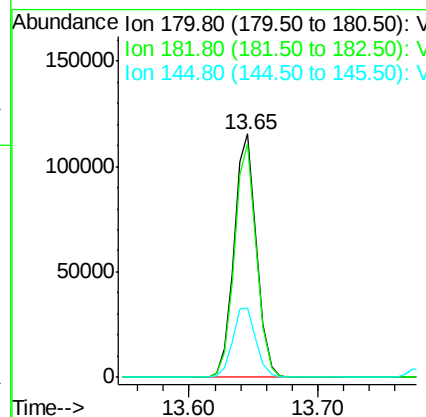
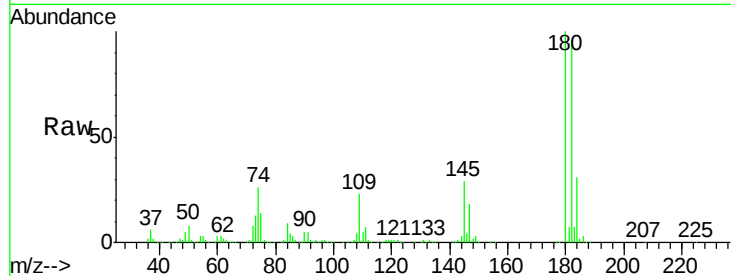




#93
 1,2,4-Trichlorobenzene
 Concen: 44.525 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008671.D
 Acq: 05 Apr 2019 05:42

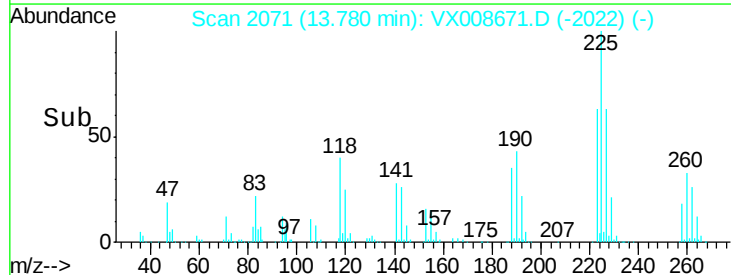
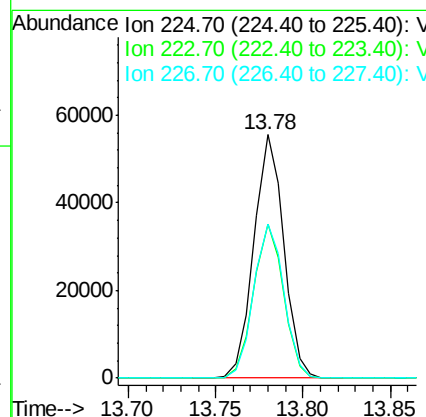
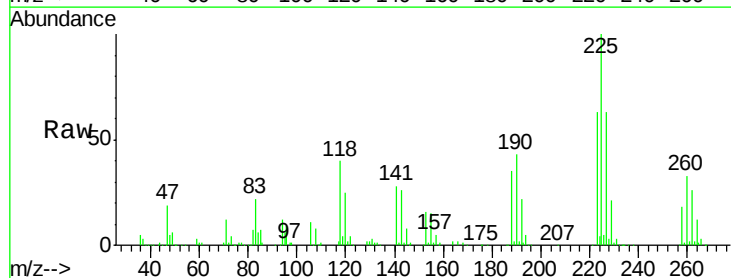
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

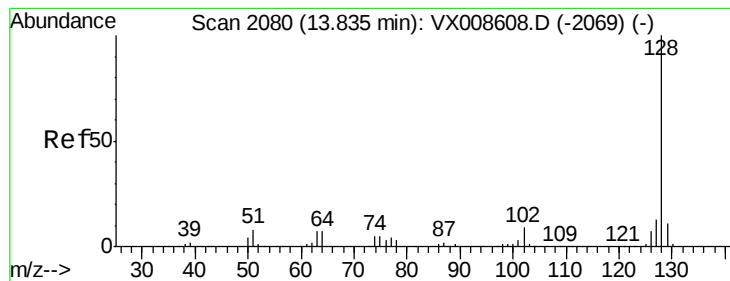
Tgt Ion:180 Resp: 140060
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.2 141.6
 145 29.8 15.3 45.9



#94
 Hexachlorobutadiene
 Concen: 43.802 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008671.D
 Acq: 05 Apr 2019 05:42

Tgt Ion:225 Resp: 66080
 Ion Ratio Lower Upper
 225 100
 223 63.5 31.2 93.6
 227 63.9 31.9 95.5





#95

Naphthalene

Concen: 45.923 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

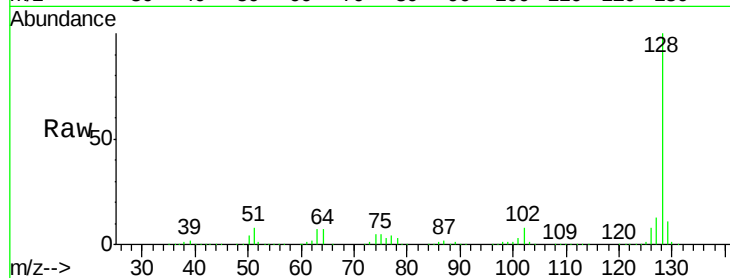
Tgt Ion:128 Resp: 482816

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

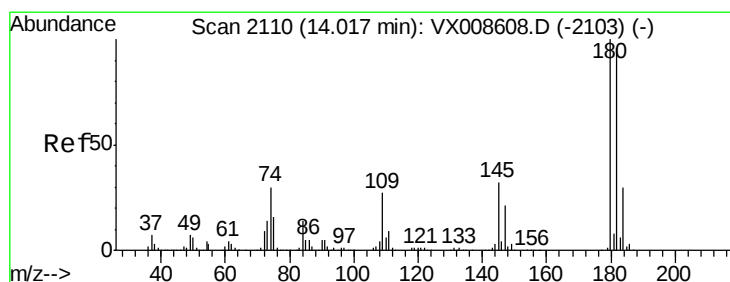
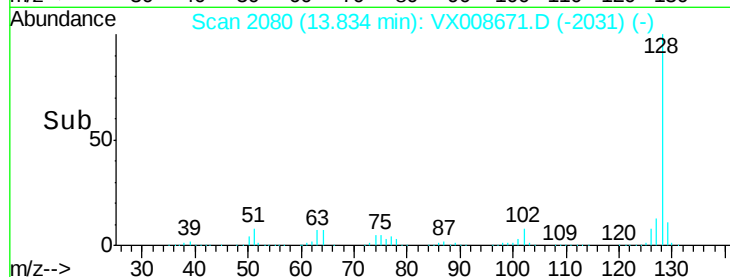
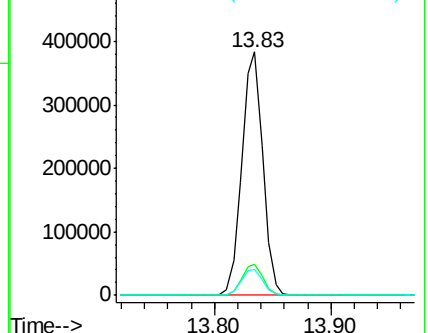
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 44.865 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

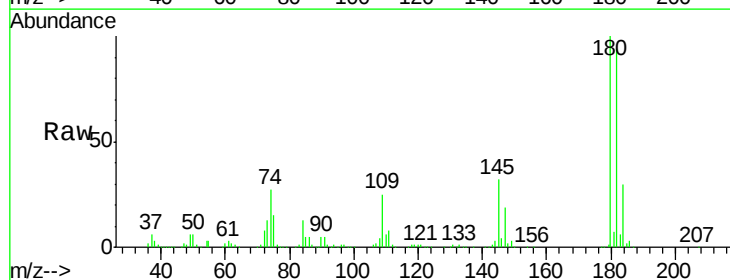
Tgt Ion:180 Resp: 141008

Ion Ratio Lower Upper

180 100

182 96.1 48.1 144.3

145 32.2 16.3 48.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

