

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071519\
 Data File : VX010870.D
 Acq On : 15 Jul 2019 08:50
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 16 01:55:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	277083	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	407735	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	370746	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	199270	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	114414	44.04	ug/l	0.00
Spiked Amount			Recovery	=	88.08%	
35) Dibromofluoromethane	5.49	113	107262	43.00	ug/l	0.00
Spiked Amount			Recovery	=	86.00%	
50) Toluene-d8	8.71	98	384848	40.32	ug/l	0.00
Spiked Amount			Recovery	=	80.64%	
62) 4-Bromofluorobenzene	11.13	95	154298	44.78	ug/l	0.00
Spiked Amount			Recovery	=	89.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	95270	49.456	ug/l	98
3) Chloromethane	1.32	50	99464	44.342	ug/l	98
4) Vinyl Chloride	1.41	62	104606	42.576	ug/l	99
5) Bromomethane	1.64	94	56559	47.252	ug/l	99
6) Chloroethane	1.71	64	65953	45.500	ug/l	96
7) Trichlorofluoromethane	1.93	101	186830	47.969	ug/l	99
8) Diethyl Ether	2.19	74	64121	45.908	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	109714	46.484	ug/l	99
10) Methyl Iodide	2.51	142	132012	39.191	ug/l	96
11) Tert butyl alcohol	3.05	59	130140	191.441	ug/l	98
12) 1,1-Dichloroethene	2.37	96	105846	44.071	ug/l	97
13) Acrolein	2.29	56	125673	278.680	ug/l	100
14) Allyl chloride	2.73	41	161674	47.416	ug/l	98
15) Acrylonitrile	3.14	53	295913	219.860	ug/l	100
16) Acetone	2.44	43	363896	279.489	ug/l	97
17) Carbon Disulfide	2.57	76	259932	40.341	ug/l	99
18) Methyl Acetate	2.77	43	117436	45.255	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	352096	46.601	ug/l	98
20) Methylene Chloride	2.85	84	121371	45.297	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	112417	43.521	ug/l	95
22) Diisopropyl ether	3.85	45	331716	46.531	ug/l	92
23) Vinyl Acetate	3.81	43	1486933	241.439	ug/l	99
24) 1,1-Dichloroethane	3.70	63	191523	46.477	ug/l	100
25) 2-Butanone	4.67	43	463540	242.707	ug/l	98
26) 2,2-Dichloropropane	4.58	77	169900	47.462	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	133174	44.616	ug/l	96
28) Bromochloromethane	5.01	49	78752	39.971	ug/l	94
29) Tetrahydrofuran	5.12	42	252945	213.819	ug/l	100
30) Chloroform	5.21	83	206586	46.594	ug/l	98
31) Cyclohexane	5.57	56	169772	45.242	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	184416	47.105	ug/l	99
36) 1,1-Dichloropropene	5.79	75	149634	46.182	ug/l	99
37) Ethyl Acetate	4.83	43	153246	45.975	ug/l	99
38) Carbon Tetrachloride	5.78	117	166736	47.522	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	195196	45.831	ug/l	99
40) Benzene	6.14	78	457322	45.305	ug/l	100
41) Methacrylonitrile	5.04	41	84961	46.455	ug/l	97
42) 1,2-Dichloroethane	6.19	62	157164	51.148	ug/l	96
43) Isopropyl Acetate	6.44	43	258907	46.947	ug/l	98
44) Trichloroethene	7.21	130	136085	45.054	ug/l	97
45) 1,2-Dichloropropane	7.51	63	116913	45.864	ug/l	99
46) Dibromomethane	7.66	93	85770	46.896	ug/l	96
47) Bromodichloromethane	7.90	83	160456	47.872	ug/l	100
48) Methyl methacrylate	7.76	41	123221	48.070	ug/l	98
49) 1,4-Dioxane	7.74	88	64124	868.369	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	828817	234.987	ug/l	97
52) Toluene	8.78	92	301185	45.308	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	180508	48.036	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	194584	47.650	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	125360	45.725	ug/l	97
56) Ethyl methacrylate	9.18	69	195671	47.114	ug/l	95
57) 1,3-Dichloropropane	9.37	76	198164	46.564	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	400533	203.065	ug/l	99
59) 2-Hexanone	9.49	43	677397	244.025	ug/l	98
60) Dibromochloromethane	9.58	129	145006	47.238	ug/l	100
61) 1,2-Dibromoethane	9.67	107	137082	46.324	ug/l	99
64) Tetrachloroethene	9.34	164	129129	43.062	ug/l	97
65) Chlorobenzene	10.13	112	343723	45.666	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	129912	47.384	ug/l	99
67) Ethyl Benzene	10.25	91	597152	46.994	ug/l	100
68) m/p-Xylenes	10.35	106	461339	93.699	ug/l	98
69) o-Xylene	10.69	106	223624	46.185	ug/l	97
70) Styrene	10.71	104	391496	48.213	ug/l	98
71) Bromoform	10.85	173	112548	47.205	ug/l #	99
73) Isopropylbenzene	11.02	105	610394	45.187	ug/l	98
74) N-amyl acetate	10.90	43	242278	47.459	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	195442	43.689	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	225161	62.007	ug/l	80
77) Bromobenzene	11.26	156	165702	43.931	ug/l	98
78) n-propylbenzene	11.36	91	695447	46.844	ug/l	98
79) 2-Chlorotoluene	11.42	91	407766	46.125	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	515725	46.313	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	65061	41.799	ug/l	90
82) 4-Chlorotoluene	11.51	91	480400	47.756	ug/l	98
83) tert-Butylbenzene	11.77	119	516818	46.240	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	527090	47.112	ug/l	100
85) sec-Butylbenzene	11.94	105	615404	46.895	ug/l	99
86) p-Isopropyltoluene	12.06	119	574119	47.298	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	303603	46.112	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	298633	44.553	ug/l	99
89) n-Butylbenzene	12.38	91	510803	49.522	ug/l	99
90) Hexachloroethane	12.59	117	97075	46.251	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	292257	44.663	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	43306	44.900	ug/l	90

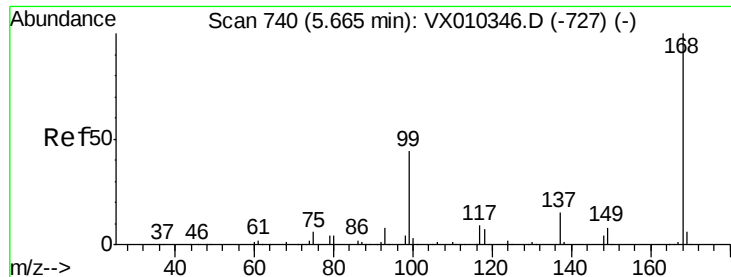
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	211426	46.591	ug/l	98
94) Hexachlorobutadiene	13.78	225	104827	47.265	ug/l	99
95) Naphthalene	13.83	128	614304	44.051	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	207184	45.920	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX010870.D

Acq: 15 Jul 2019 08:50

Instrument :

MSVOA_X

ClientSampleId :

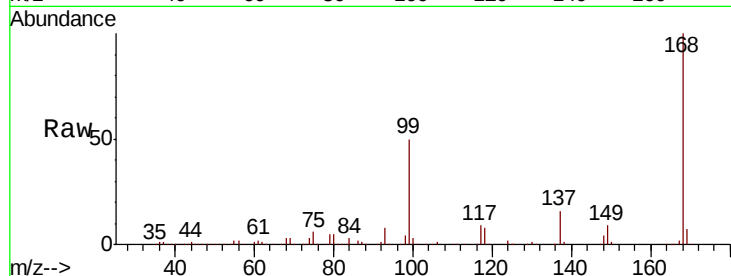
VSTDCCC050

Tot Ion:168 Resp: 277083

Ion Ratio Lower Upper

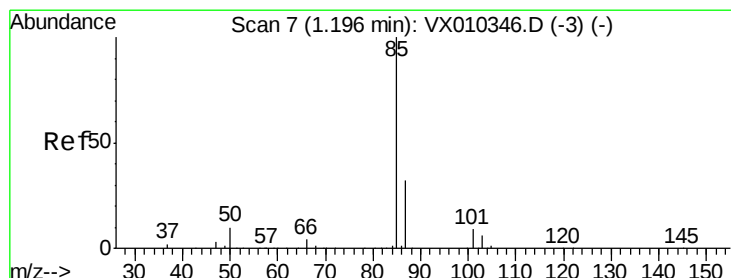
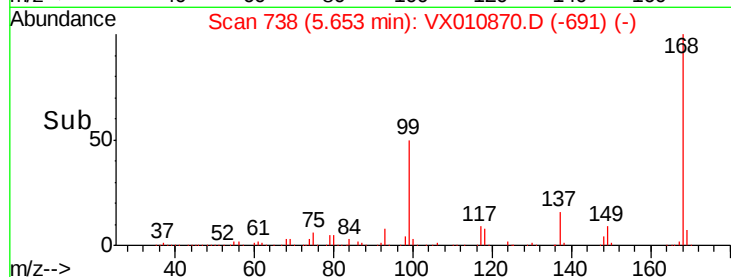
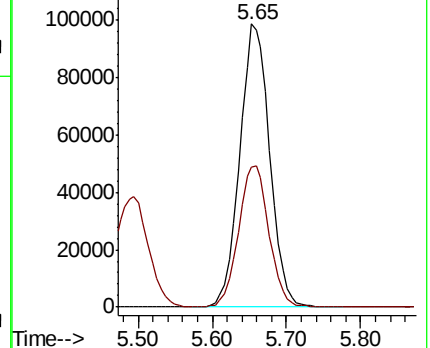
168 100

99 49.5 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 49.456 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010870.D

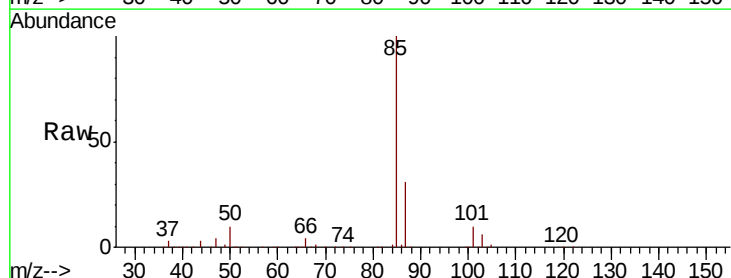
Acq: 15 Jul 2019 08:50

Tgt Ion: 85 Resp: 95270

Ion Ratio Lower Upper

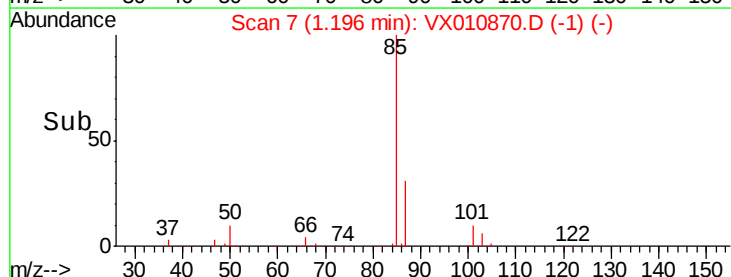
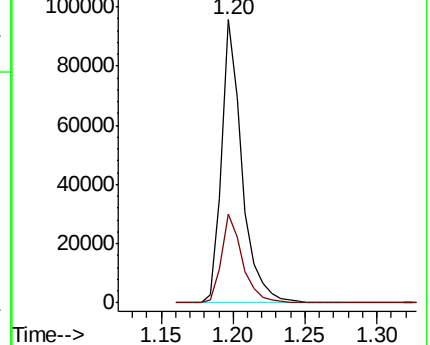
85 100

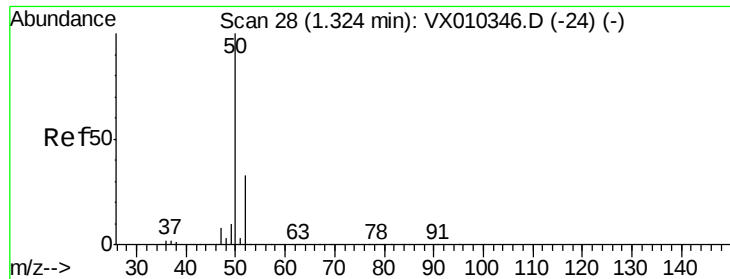
87 31.5 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 44.342 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010870.D

Acq: 15 Jul 2019 08:50

Instrument :

MSVOA_X

ClientSampleId :

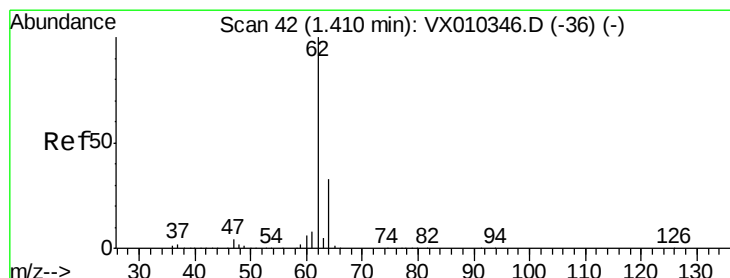
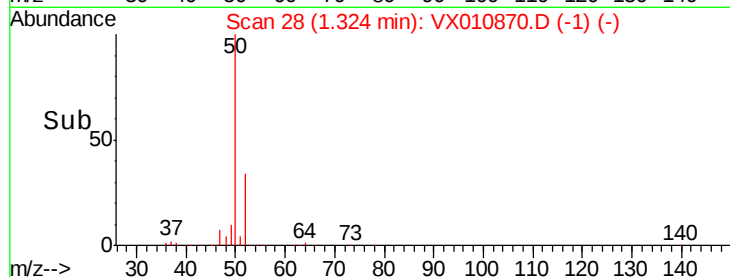
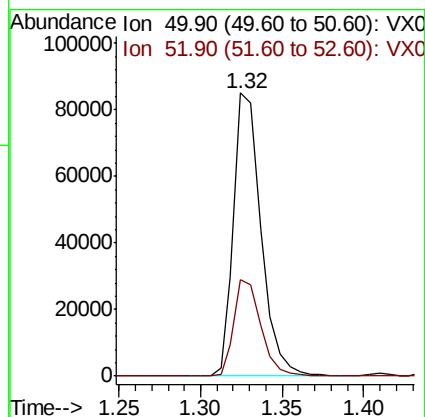
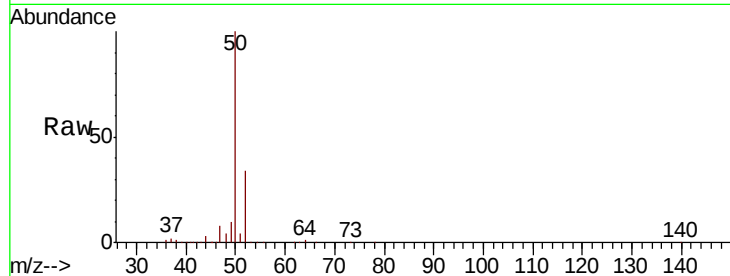
VSTDCCC050

Tot Ion: 50 Resp: 99464

Ion Ratio Lower Upper

50 100

52 34.0 26.5 39.7



#4

Vinyl Chloride

Concen: 42.576 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010870.D

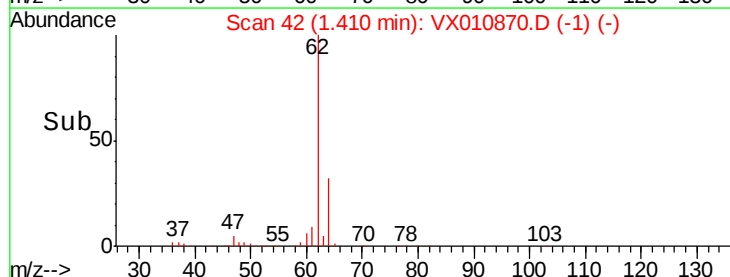
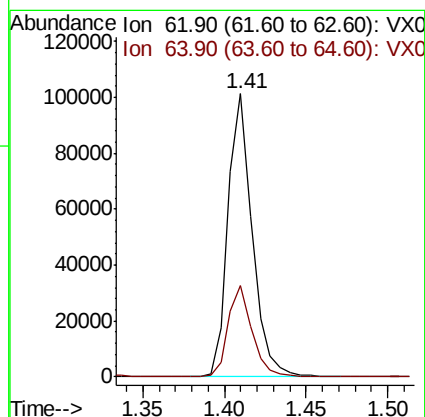
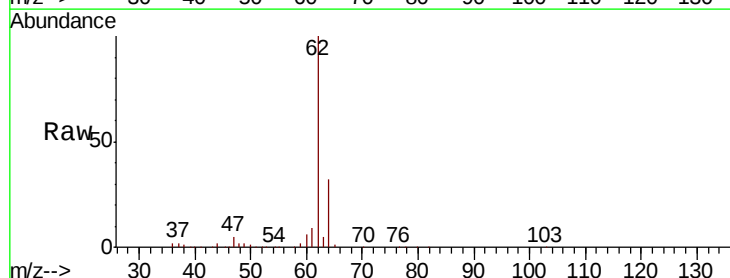
Acq: 15 Jul 2019 08:50

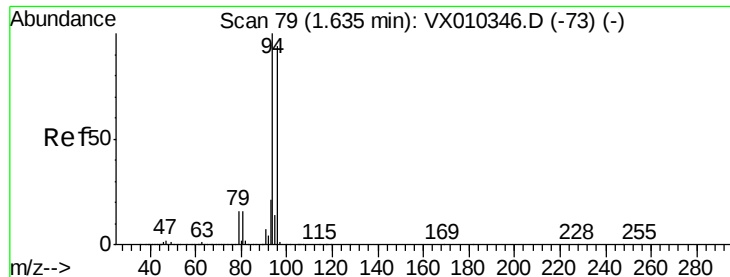
Tgt Ion: 62 Resp: 104606

Ion Ratio Lower Upper

62 100

64 32.2 26.2 39.4





#5

Bromomethane

Concen: 47.252 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010870.D

Acq: 15 Jul 2019 08:50

Instrument :

MSVOA_X

ClientSampleId :

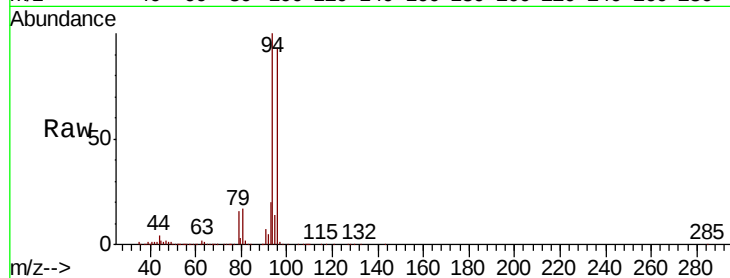
VSTDCCC050

Tot Ion: 94 Resp: 56559

Ion Ratio Lower Upper

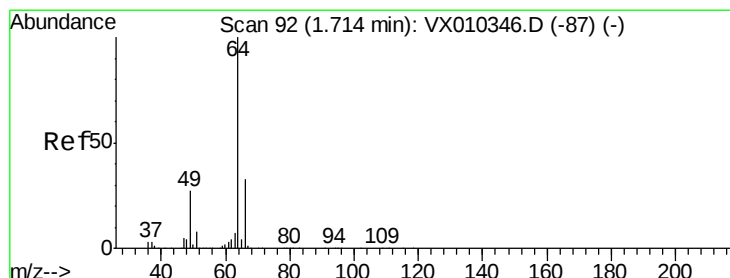
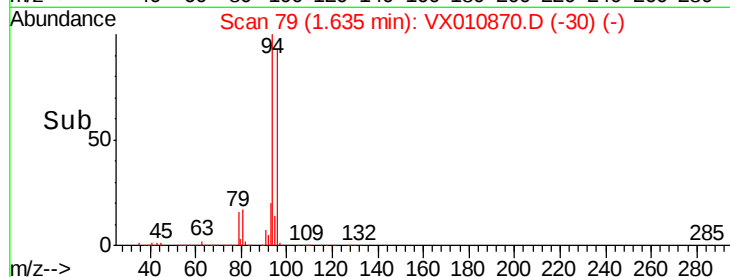
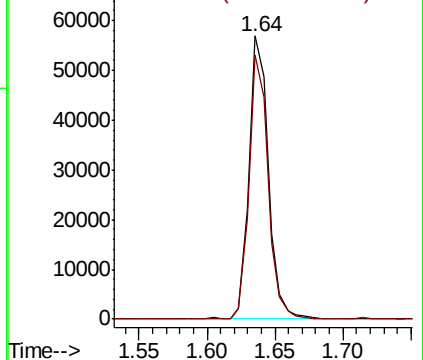
94 100

96 93.5 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 45.500 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010870.D

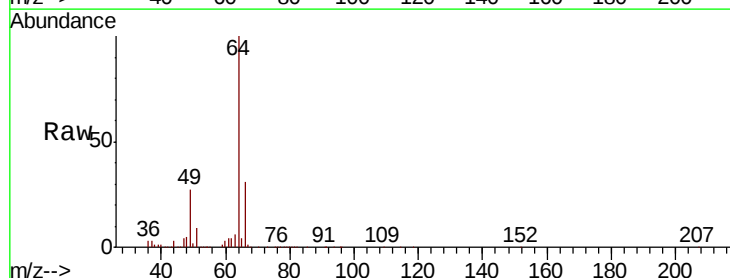
Acq: 15 Jul 2019 08:50

Tgt Ion: 64 Resp: 65953

Ion Ratio Lower Upper

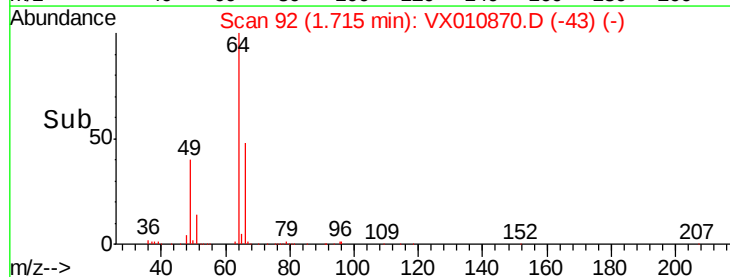
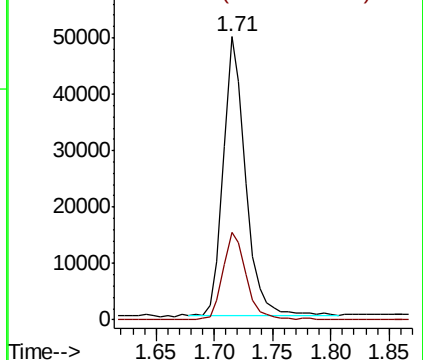
64 100

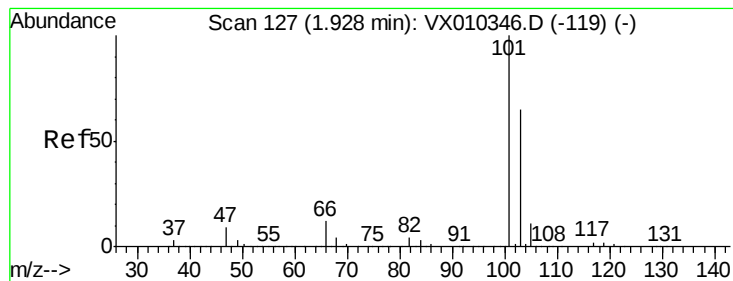
66 31.0 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



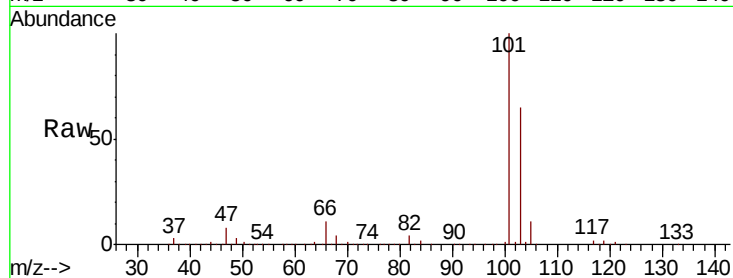


#7

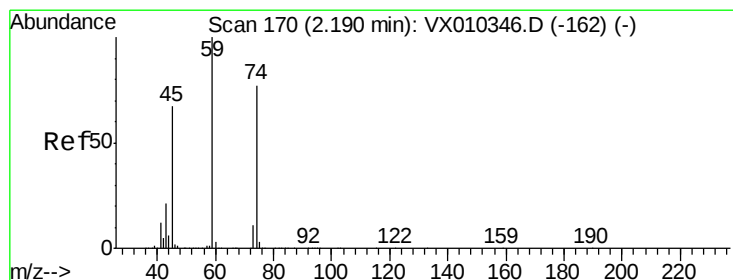
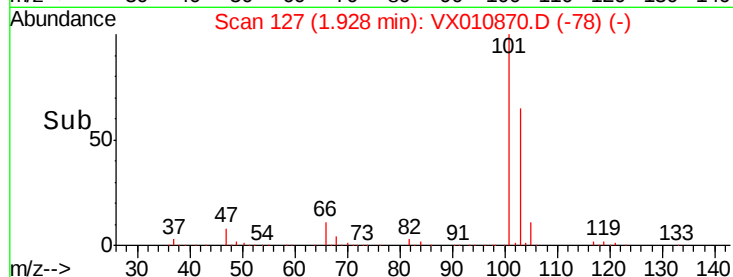
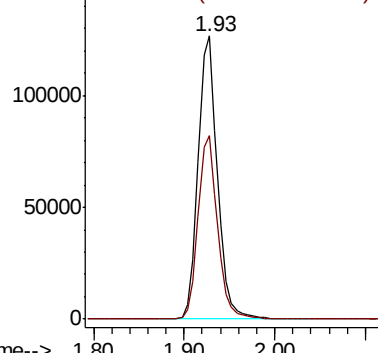
Trichlorofluoromethane
Concen: 47.969 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX010870.D
Acq: 15 Jul 2019 08:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:101 Resp: 186830
Ion Ratio Lower Upper
101 100
103 64.8 52.3 78.5



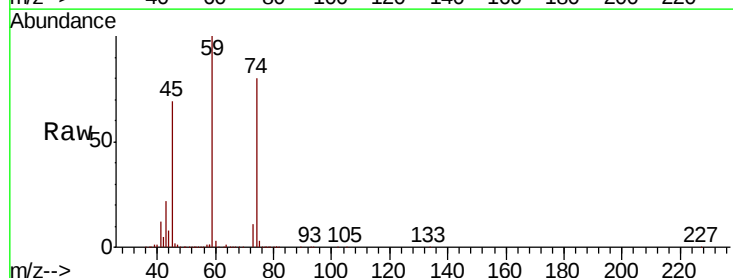
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



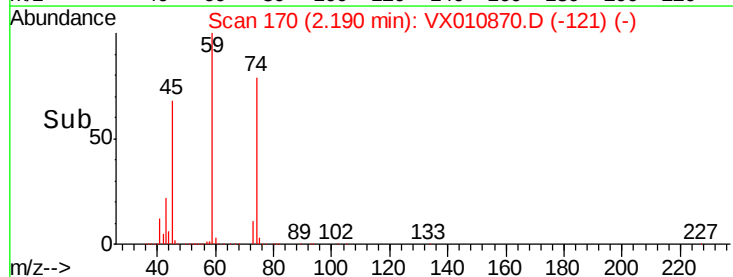
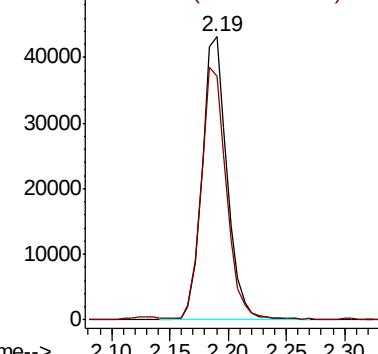
#8

Diethyl Ether
Concen: 45.908 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010870.D
Acq: 15 Jul 2019 08:50

Tgt Ion: 74 Resp: 64121
Ion Ratio Lower Upper
74 100
45 89.7 44.8 134.4



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: 46.484 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010870.D

Acq: 15 Jul 2019 08:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

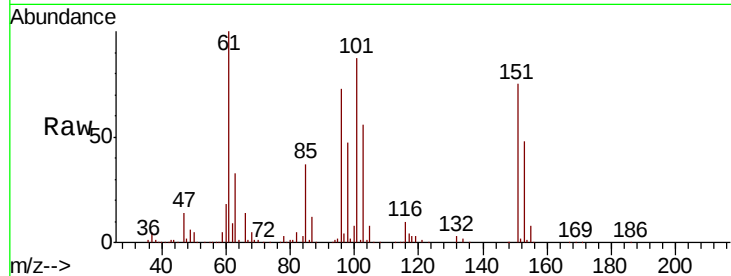
Tot Ion:101 Resp: 109714

Ion Ratio Lower Upper

101 100

85 43.0 33.7 50.5

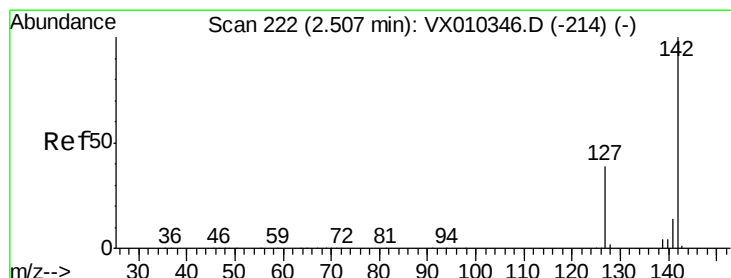
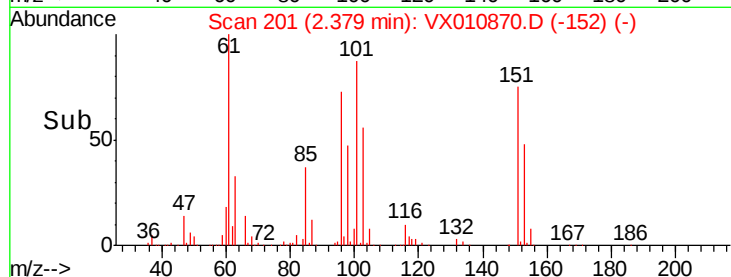
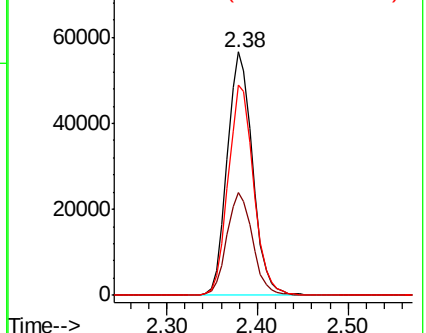
151 86.9 70.1 105.1



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: 39.191 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010870.D

Acq: 15 Jul 2019 08:50

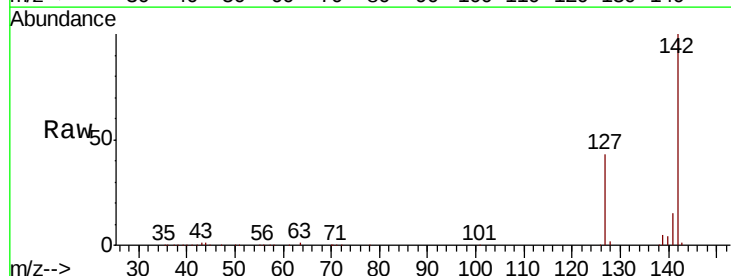
Tgt Ion:142 Resp: 132012

Ion Ratio Lower Upper

142 100

127 41.9 31.1 46.7

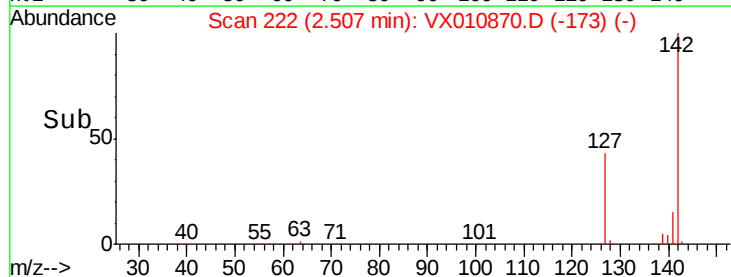
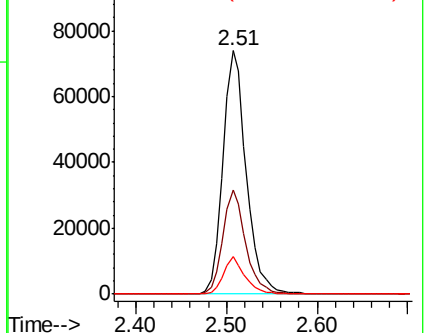
141 14.1 11.2 16.8



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

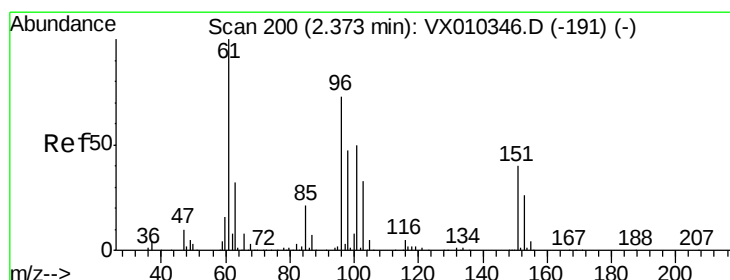
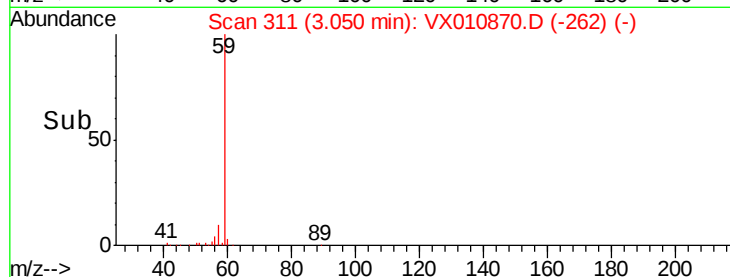
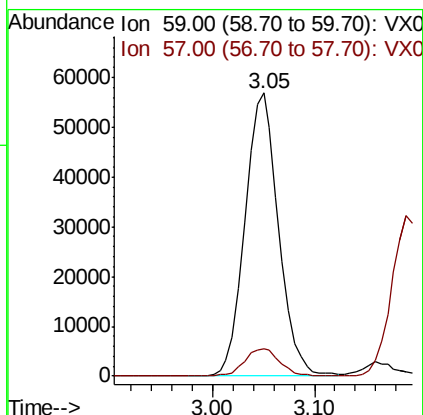
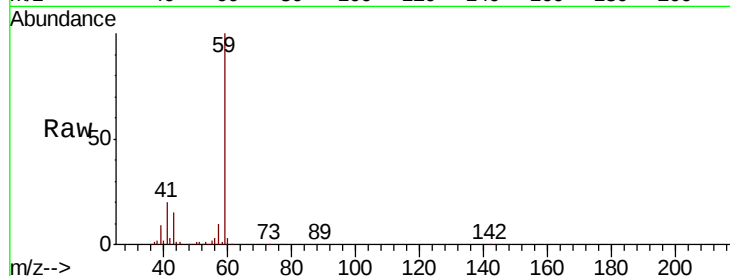




#11
Tert butyl alcohol
Concen: 191.441 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX010870.D
Acq: 15 Jul 2019 08:50

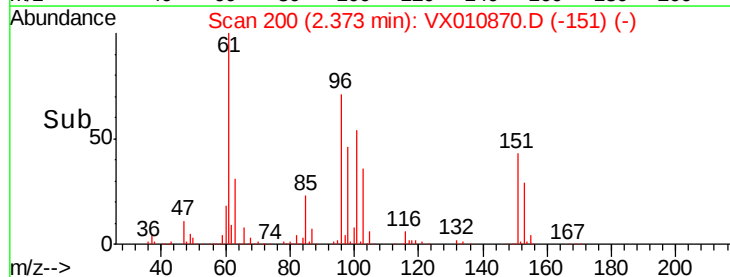
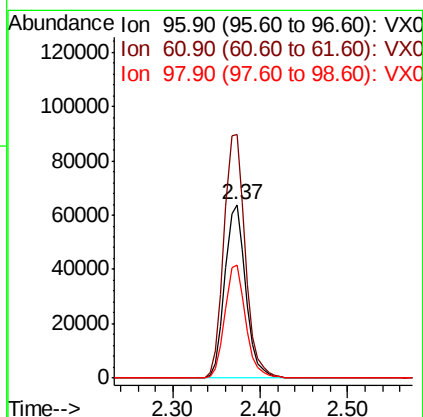
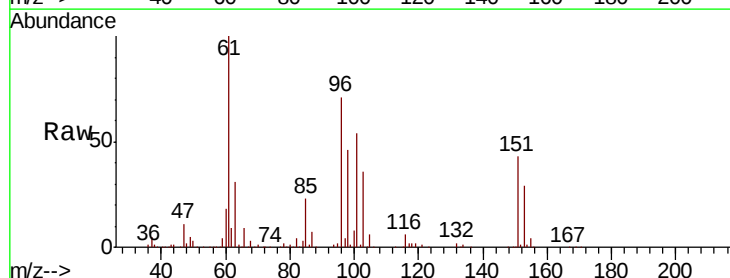
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 130140
Ion Ratio Lower Upper
59 100
57 10.2 7.7 11.5



#12
1,1-Dichloroethene
Concen: 44.071 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010870.D
Acq: 15 Jul 2019 08:50

Tgt Ion: 96 Resp: 105846
Ion Ratio Lower Upper
96 100
61 140.4 109.2 163.8
98 65.3 51.1 76.7





#13

Acrolein

Concen: 278.680 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010870.D

Acq: 15 Jul 2019 08:50

Instrument :

MSVOA_X

ClientSampleId :

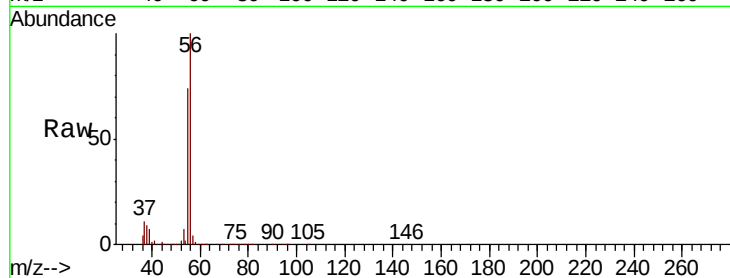
VSTDCCC050

Tot Ion: 56 Resp: 125673

Ion Ratio Lower Upper

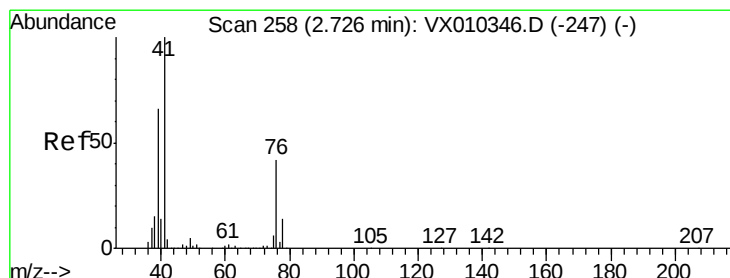
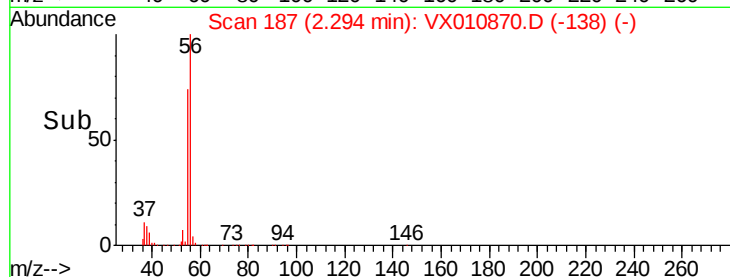
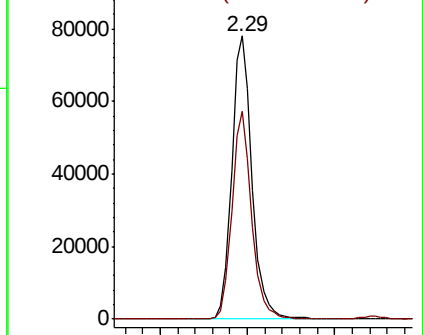
56 100

55 71.4 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 47.416 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010870.D

Acq: 15 Jul 2019 08:50

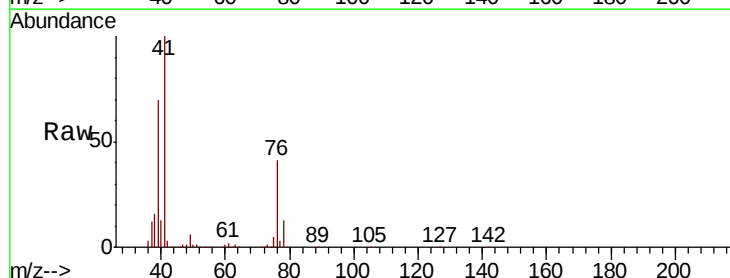
Tgt Ion: 41 Resp: 161674

Ion Ratio Lower Upper

41 100

39 64.9 50.3 75.5

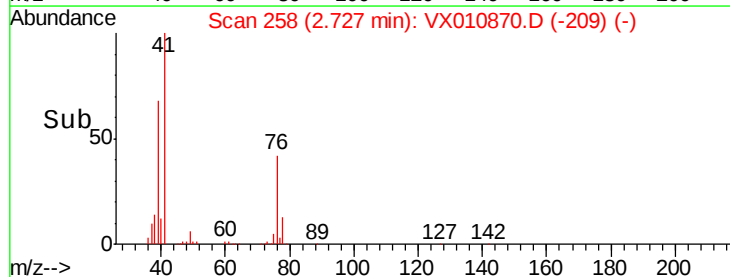
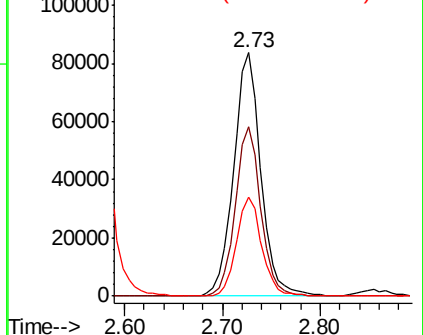
76 37.7 31.3 46.9

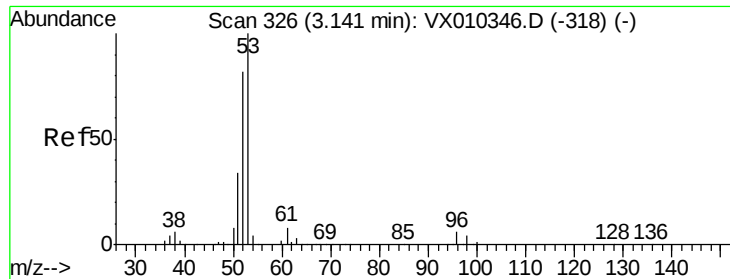


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 219.860 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010870.D

Acq: 15 Jul 2019 08:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

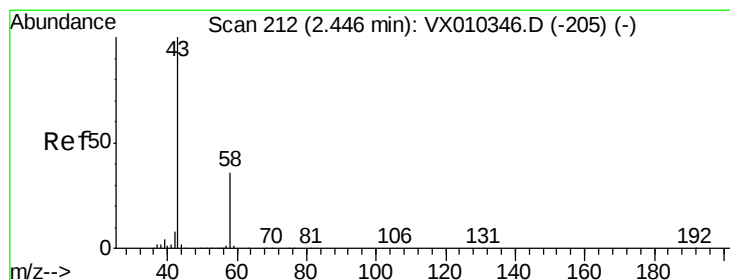
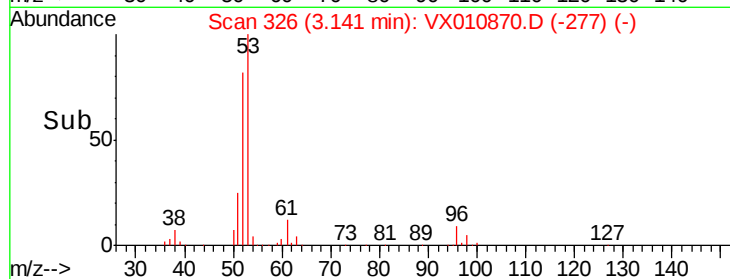
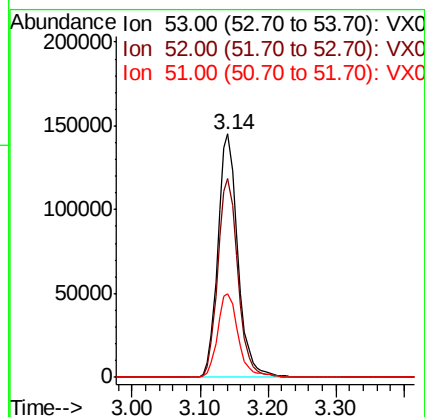
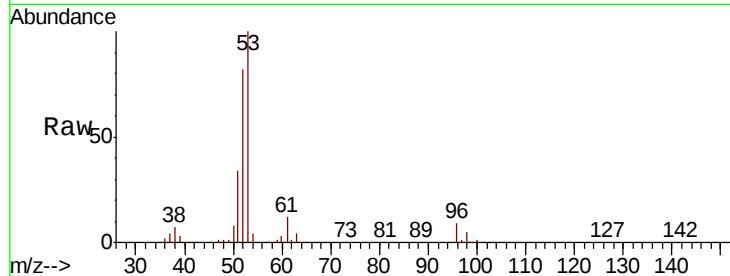
Tot Ion: 53 Resp: 295913

Ion Ratio Lower Upper

53 100

52 82.3 65.5 98.3

51 35.5 28.2 42.4



#16

Acetone

Concen: 279.489 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010870.D

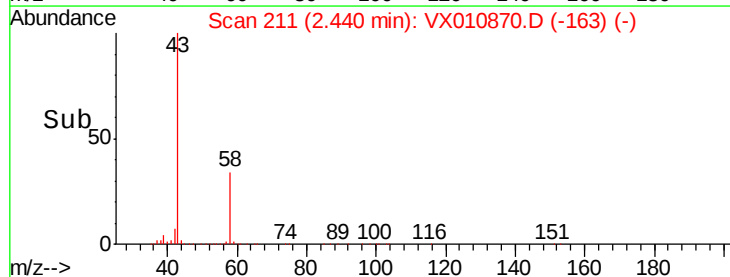
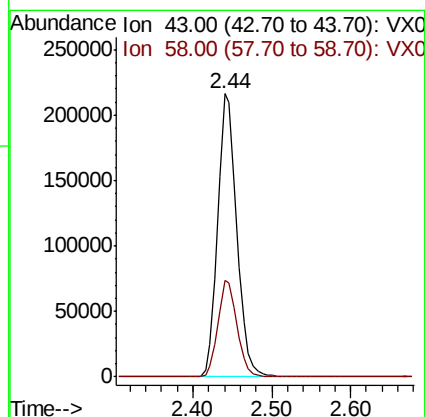
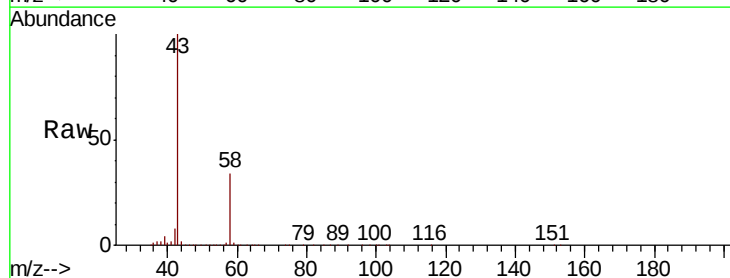
Acq: 15 Jul 2019 08:50

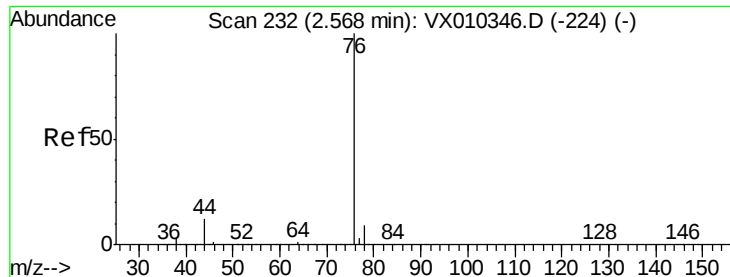
Tgt Ion: 43 Resp: 363896

Ion Ratio Lower Upper

43 100

58 34.1 28.9 43.3

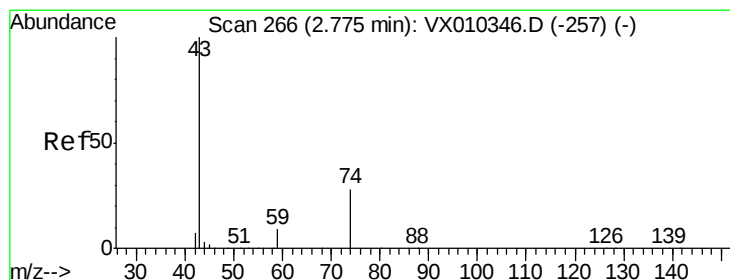
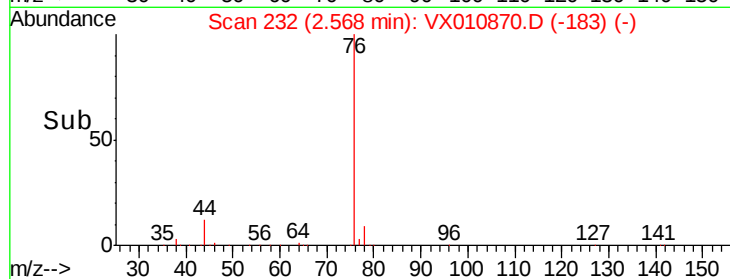
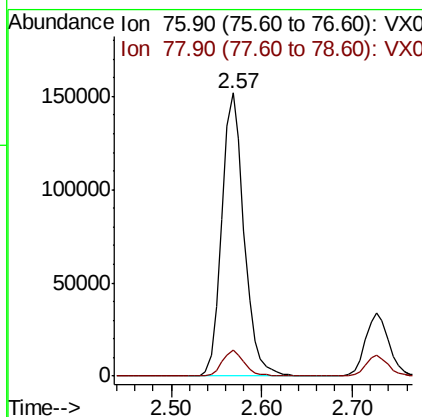
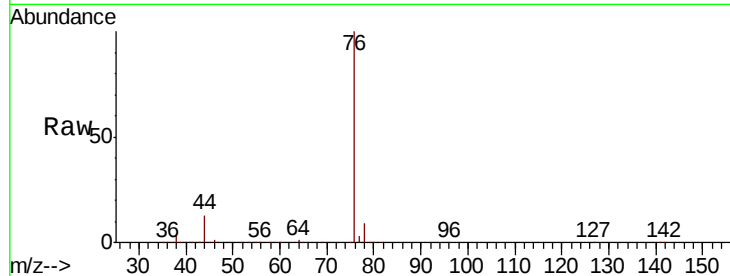




#17
Carbon Disulfide
Concen: 40.341 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010870.D
Acq: 15 Jul 2019 08:50

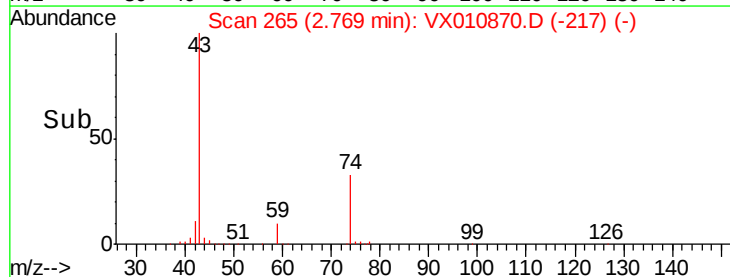
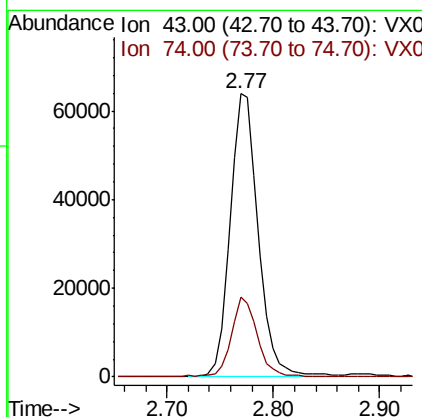
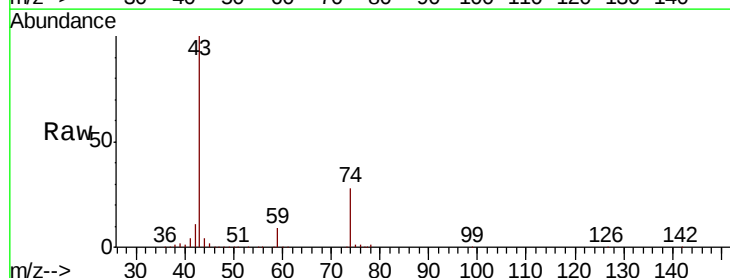
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

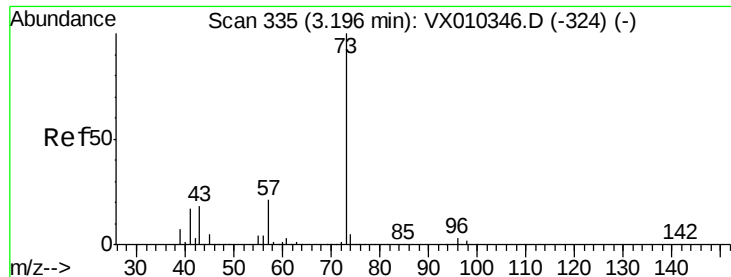
Tot Ion: 76 Resp: 259932
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#18
Methyl Acetate
Concen: 45.255 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX010870.D
Acq: 15 Jul 2019 08:50

Tgt Ion: 43 Resp: 117436
Ion Ratio Lower Upper
43 100
74 26.5 21.3 31.9

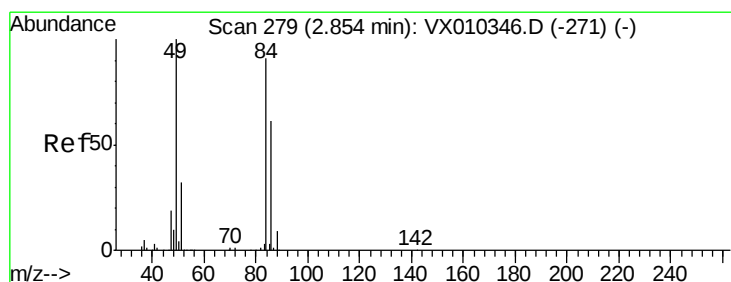
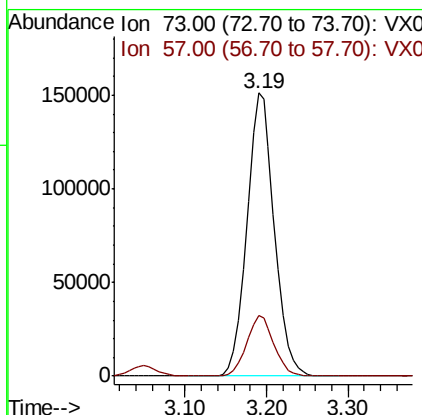
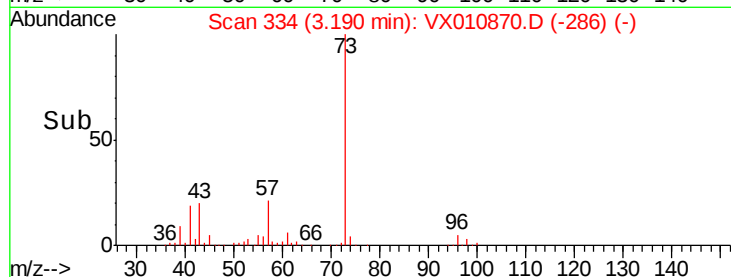
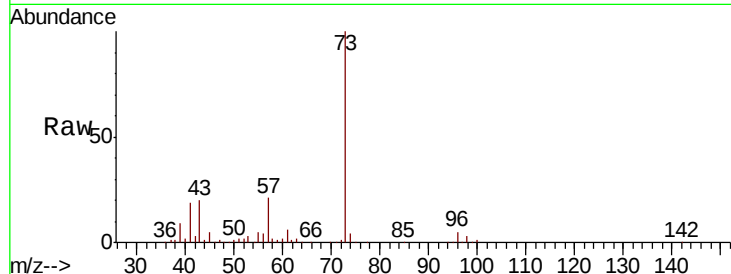




#19
Methyl tert-butyl Ether
Concen: 46.601 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX010870.D
Acq: 15 Jul 2019 08:50

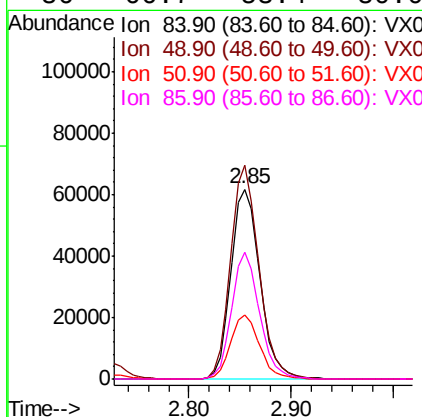
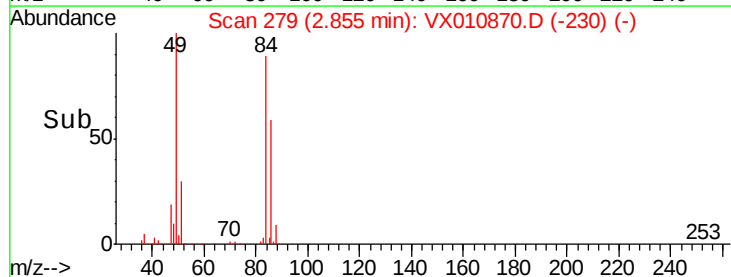
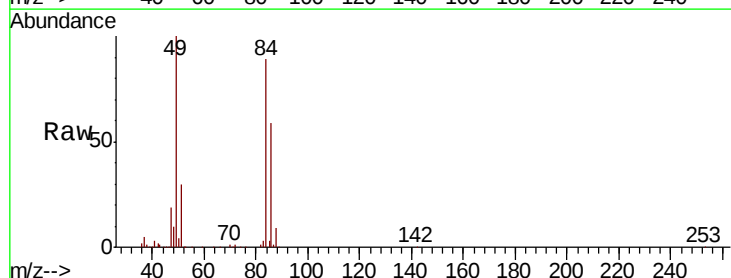
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

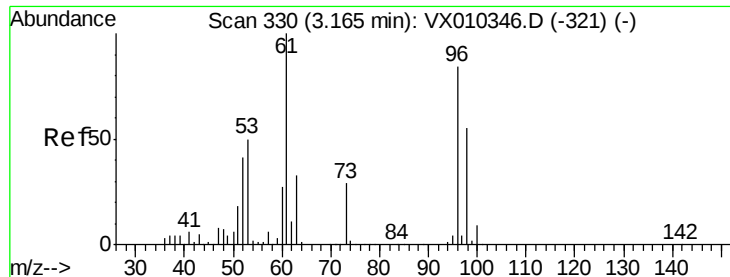
Tot Ion: 73 Resp: 352096
Ion Ratio Lower Upper
73 100
57 21.4 16.4 24.6



#20
Methylene Chloride
Concen: 45.297 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010870.D
Acq: 15 Jul 2019 08:50

Tgt Ion: 84 Resp: 121371
Ion Ratio Lower Upper
84 100
49 112.4 87.5 131.3
51 33.3 27.7 41.5
86 66.7 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 43.521 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX010870.D

Acq: 15 Jul 2019 08:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

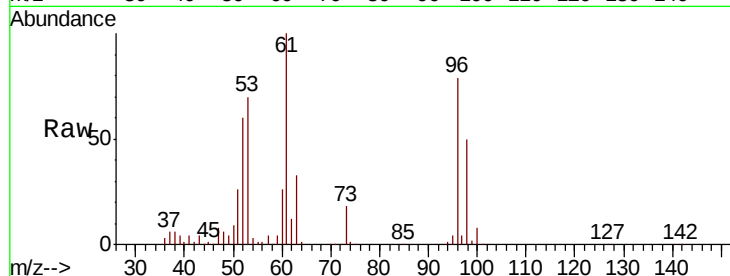
Tot Ion: 96 Resp: 112417

Ion Ratio Lower Upper

96 100

61 126.9 95.6 143.4

98 63.6 52.5 78.7

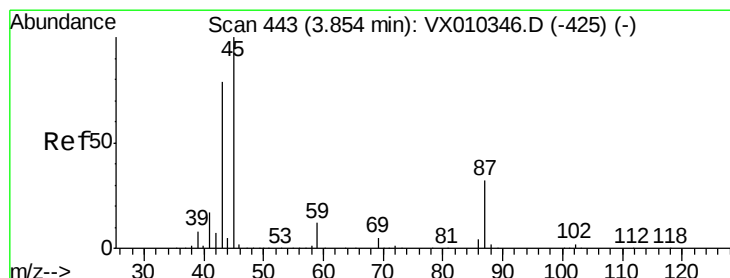
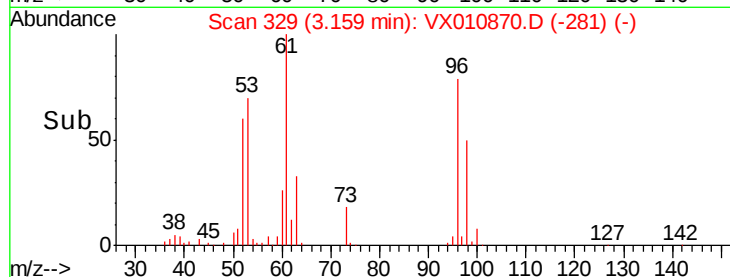
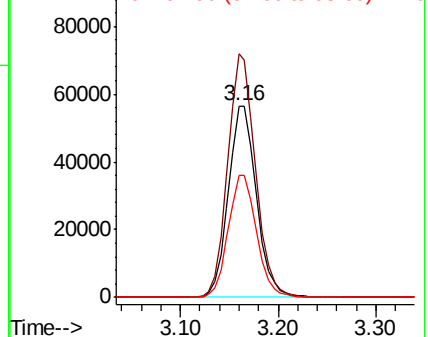


Abundance

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: 46.531 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010870.D

Acq: 15 Jul 2019 08:50

Tgt Ion: 45 Resp: 331716

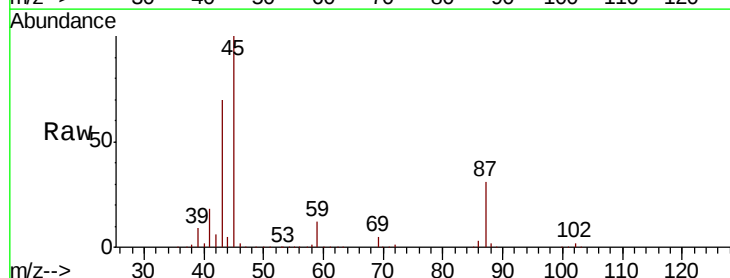
Ion Ratio Lower Upper

45 100

43 69.5 63.3 94.9

87 30.9 25.8 38.8

59 12.1 9.6 14.4



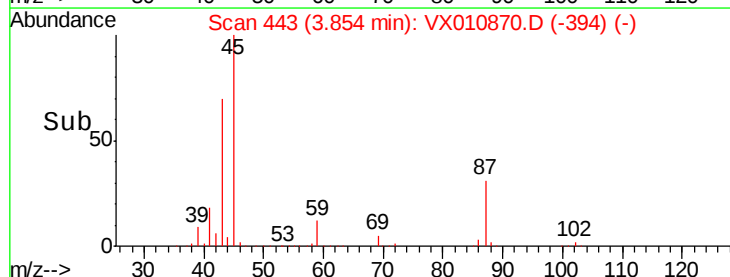
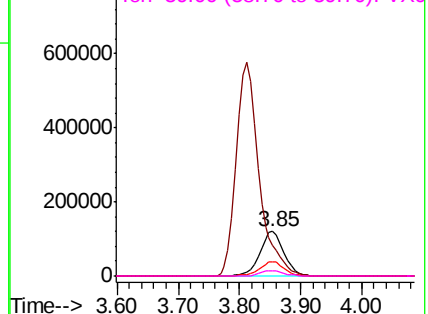
Abundance

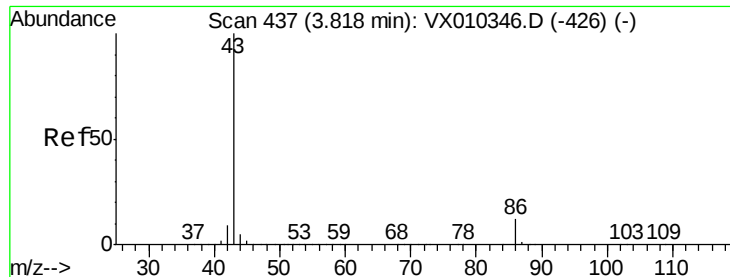
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 241.439 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010870.D

Acq: 15 Jul 2019 08:50

Instrument :

MSVOA_X

ClientSampleId :

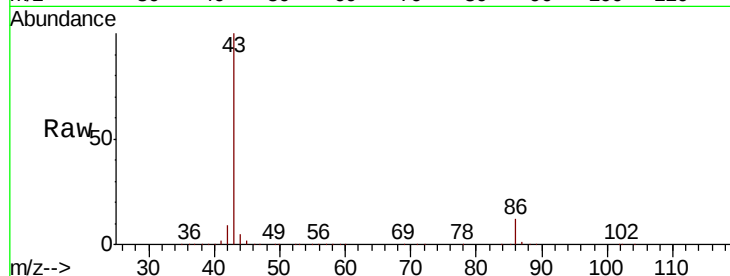
VSTDCCC050

Tot Ion: 43 Resp: 1486933

Ion Ratio Lower Upper

43 100

86 12.0 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

600000

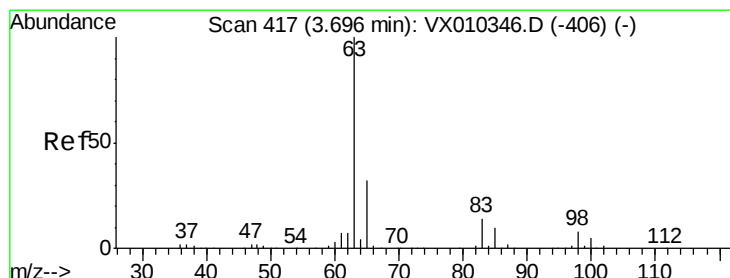
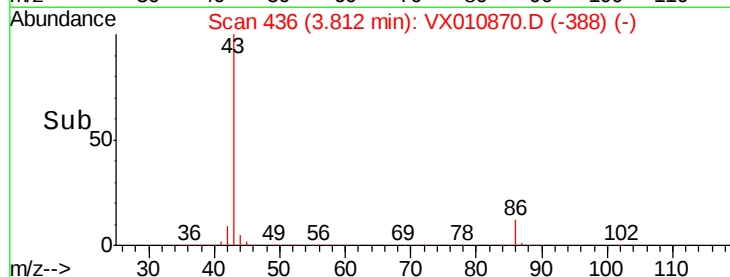
400000

200000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 46.477 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010870.D

Acq: 15 Jul 2019 08:50

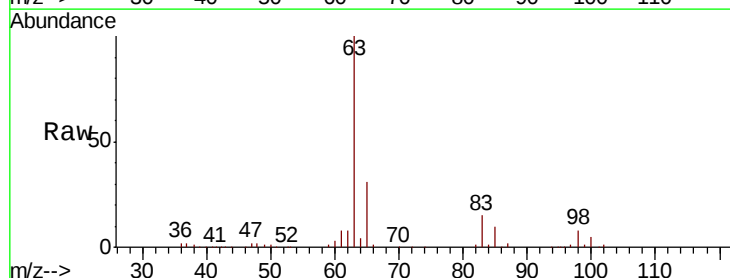
Tgt Ion: 63 Resp: 191523

Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.7

100 4.7 2.4 7.1



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

100000

80000

60000

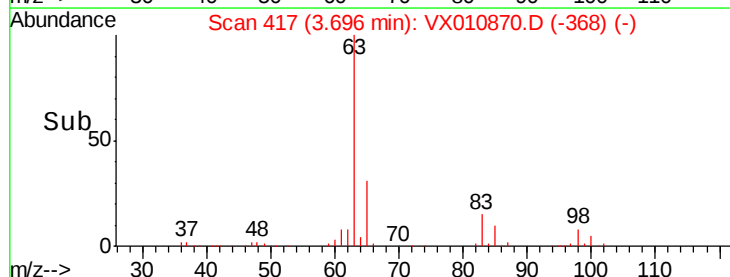
40000

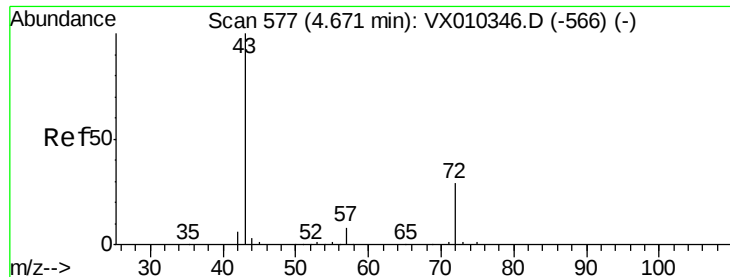
20000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 242.707 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX010870.D

Acq: 15 Jul 2019 08:50

Instrument :

MSVOA_X

ClientSampleId :

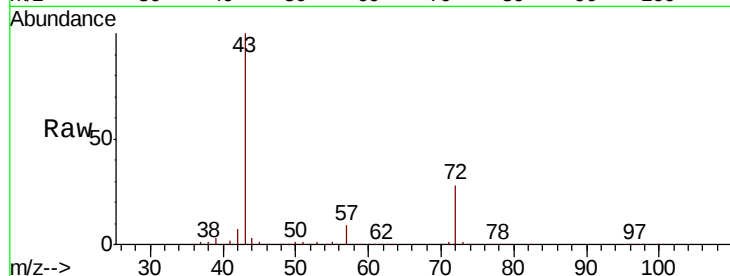
VSTDCCC050

Tot Ion: 43 Resp: 463540

Ion Ratio Lower Upper

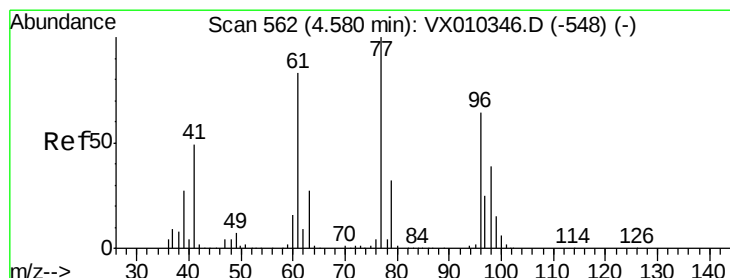
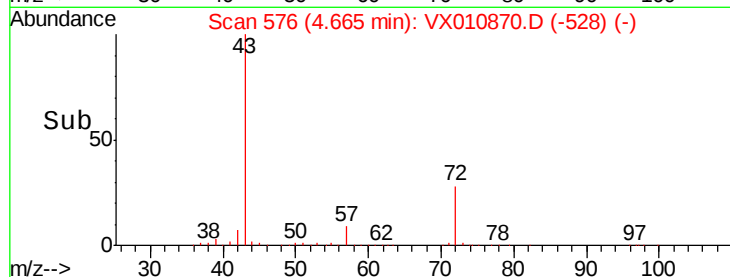
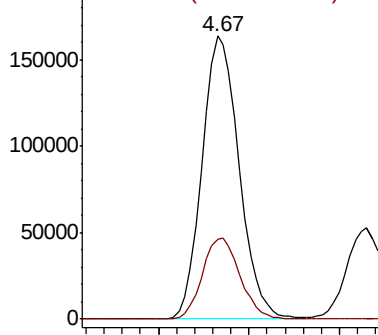
43 100

72 28.3 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 47.462 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010870.D

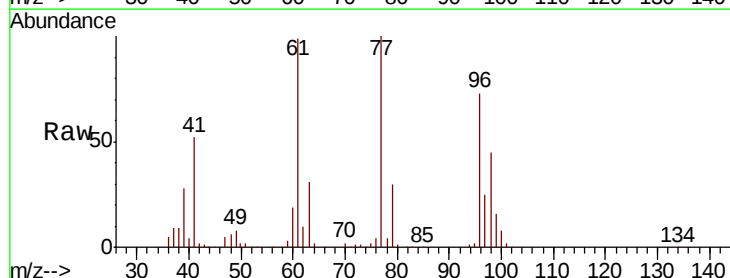
Acq: 15 Jul 2019 08:50

Tgt Ion: 77 Resp: 169900

Ion Ratio Lower Upper

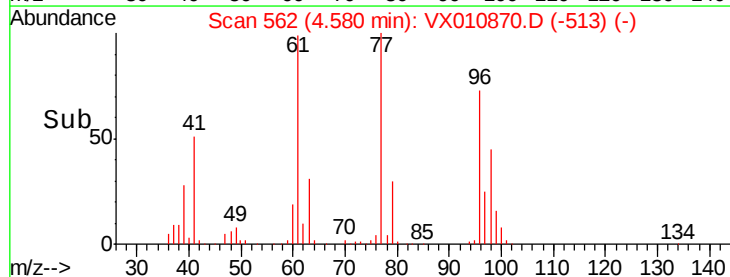
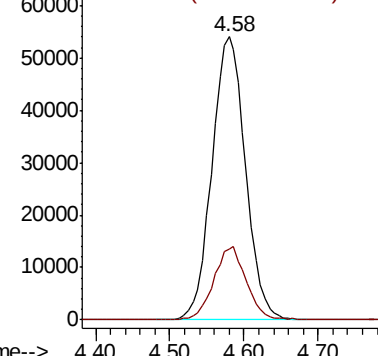
77 100

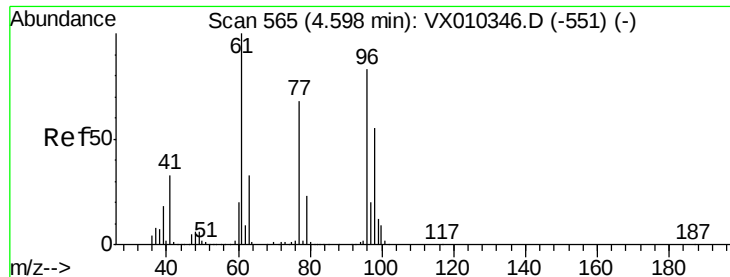
97 25.1 13.1 39.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



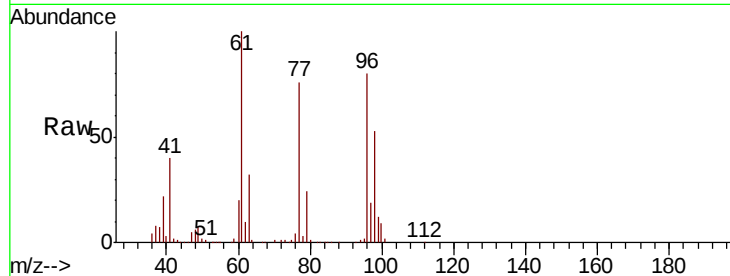


#27

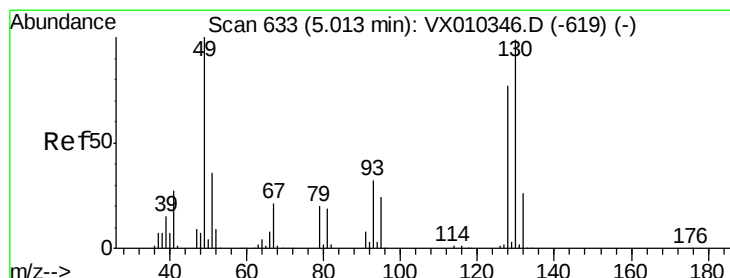
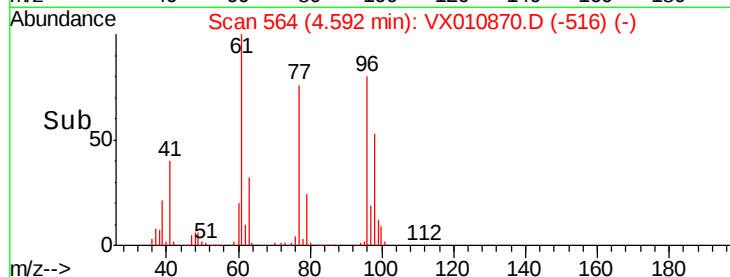
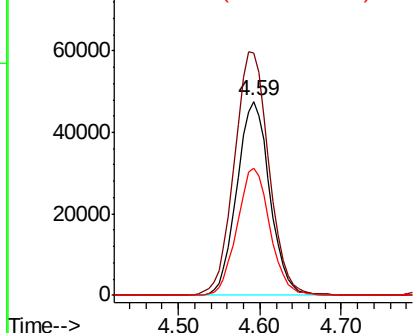
cis-1,2-Dichloroethene
 Concen: 44.616 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX010870.D
 Acq: 15 Jul 2019 08:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 96 Resp: 133174
 Ion Ratio Lower Upper
 96 100
 61 131.8 0.0 251.8
 98 65.6 0.0 129.4



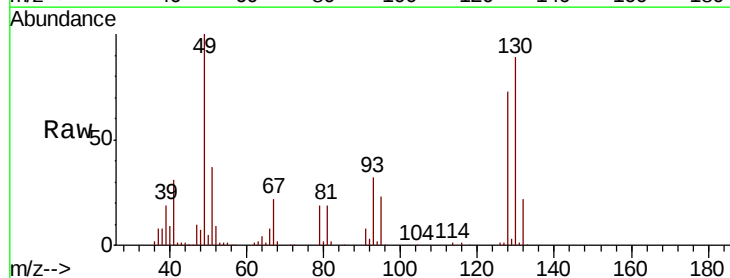
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



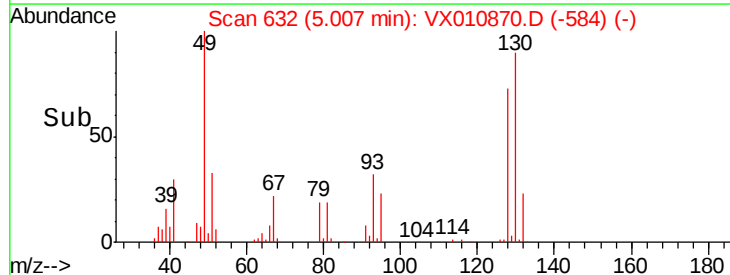
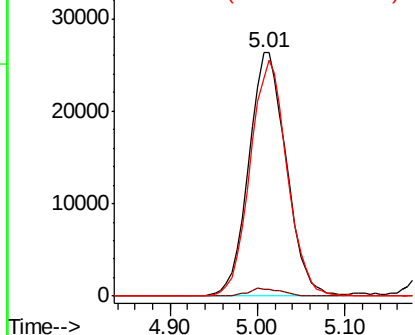
#28

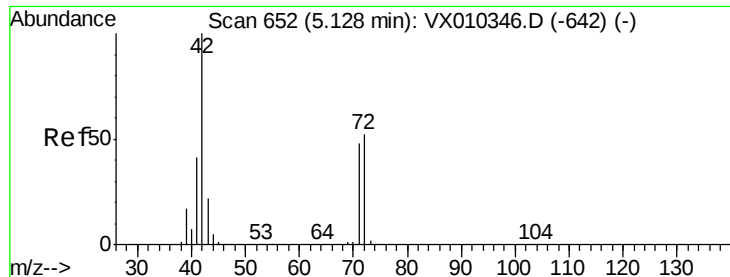
Bromochloromethane
 Concen: 39.971 ug/l
 RT: 5.01 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: VX010870.D
 Acq: 15 Jul 2019 08:50

Tgt Ion: 49 Resp: 78752
 Ion Ratio Lower Upper
 49 100
 129 2.9 0.0 5.6
 130 95.4 81.4 122.0



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 213.819 ug/l

RT: 5.12 min Scan# 651

Delta R.T. -0.01 min

Lab File: VX010870.D

Acq: 15 Jul 2019 08:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

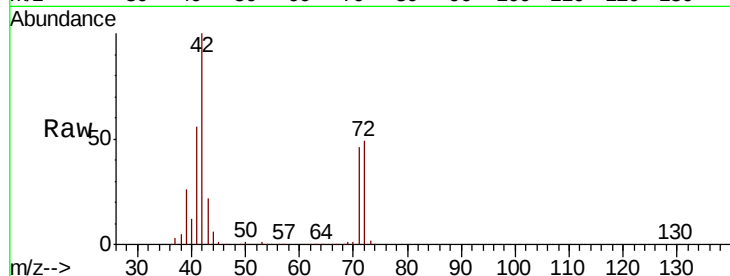
Tot Ion: 42 Resp: 252945

Ion Ratio Lower Upper

42 100

72 50.9 40.6 60.8

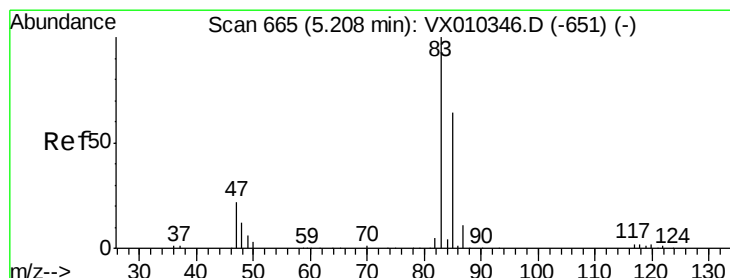
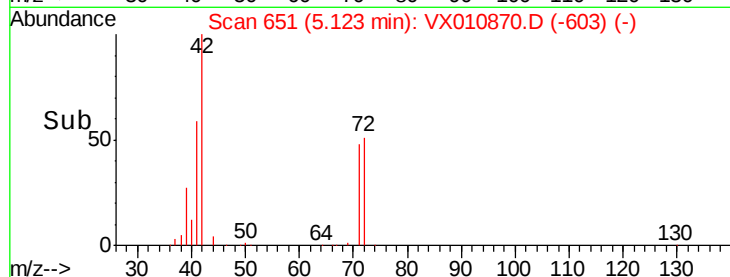
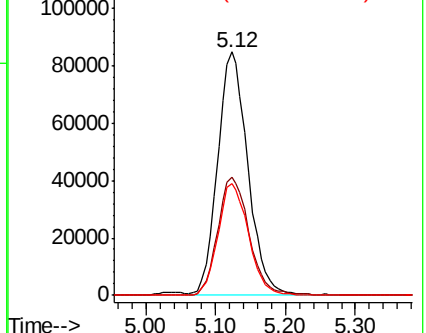
71 46.8 37.8 56.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 46.594 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.00 min

Lab File: VX010870.D

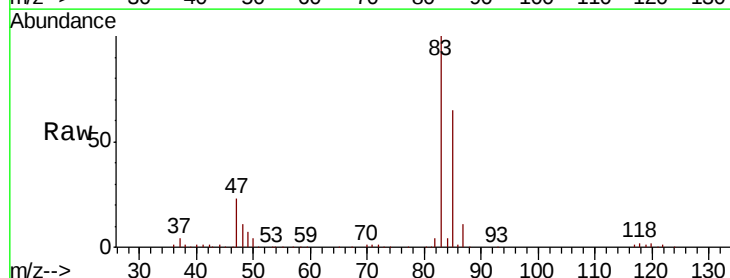
Acq: 15 Jul 2019 08:50

Tgt Ion: 83 Resp: 206586

Ion Ratio Lower Upper

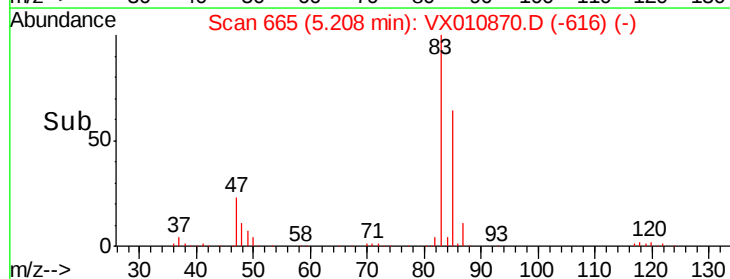
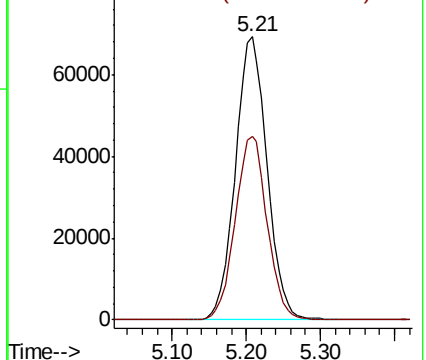
83 100

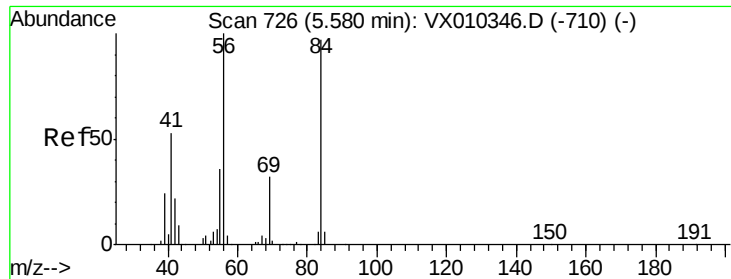
85 64.9 50.9 76.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

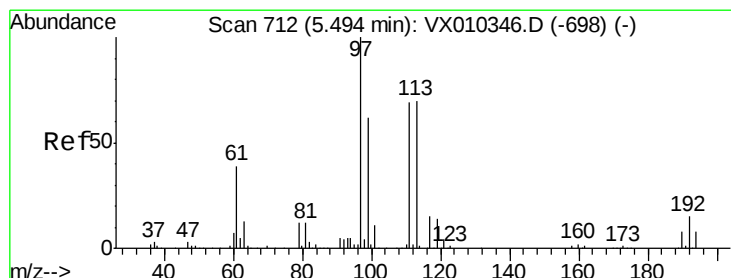
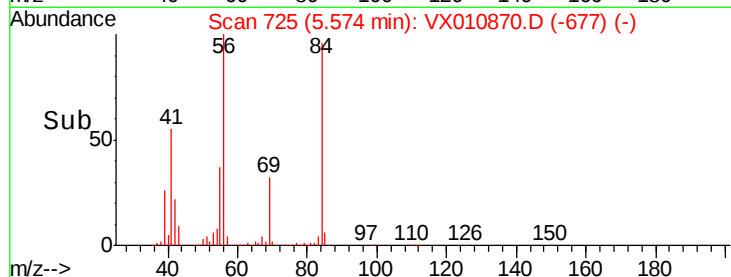
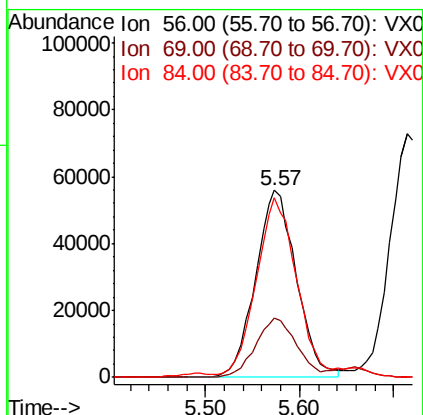
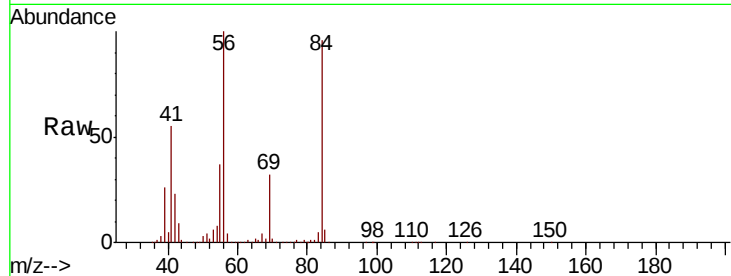




#31
Cyclohexane
Concen: 45.242 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX010870.D
Acq: 15 Jul 2019 08:50

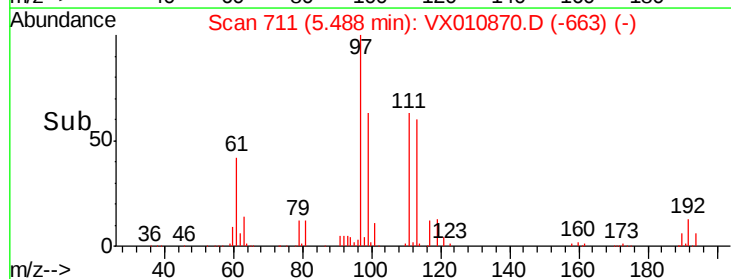
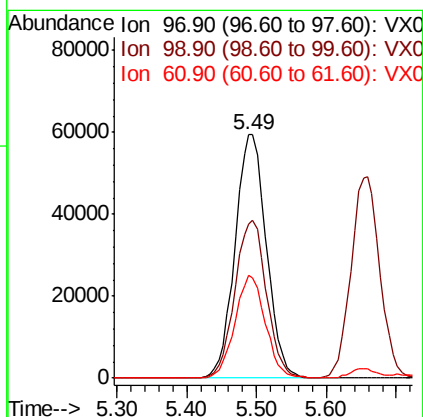
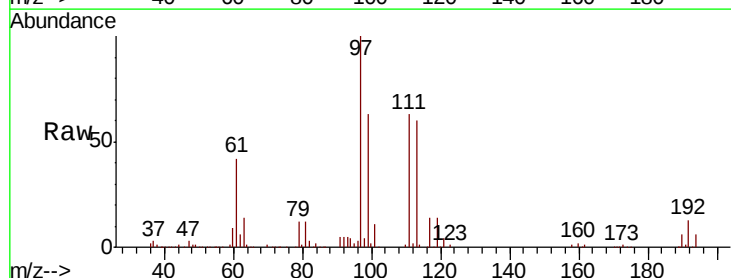
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

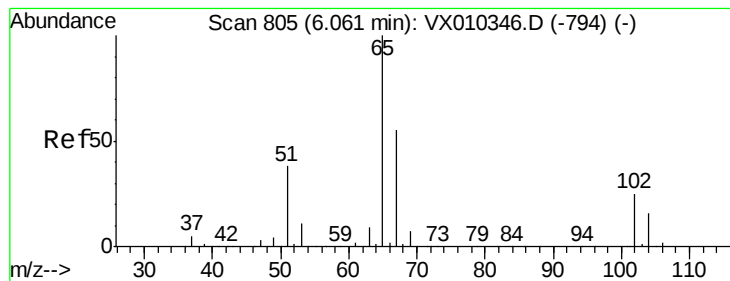
Tot Ion: 56 Resp: 169772
Ion Ratio Lower Upper
56 100
69 31.8 25.9 38.9
84 94.4 78.0 117.0



#32
1,1,1-Trichloroethane
Concen: 47.105 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX010870.D
Acq: 15 Jul 2019 08:50

Tgt Ion: 97 Resp: 184416
Ion Ratio Lower Upper
97 100
99 65.5 51.8 77.8
61 41.1 32.1 48.1





#33

1,2-Dichloroethane-d4

Concen: 44.040 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX010870.D

Acq: 15 Jul 2019 08:50

Instrument :

MSVOA_X

ClientSampleId :

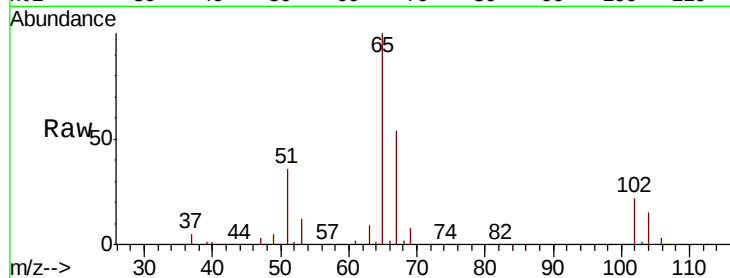
VSTDCCC050

Tot Ion: 65 Resp: 114414

Ion Ratio Lower Upper

65 100

67 53.3 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

40000

30000

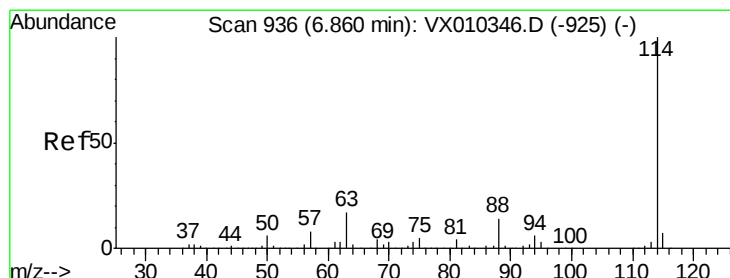
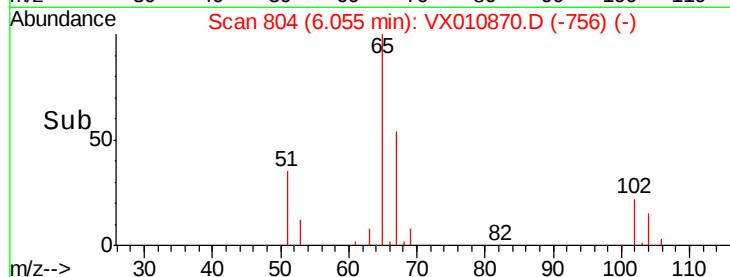
20000

10000

0

Time-->

6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX010870.D

Acq: 15 Jul 2019 08:50

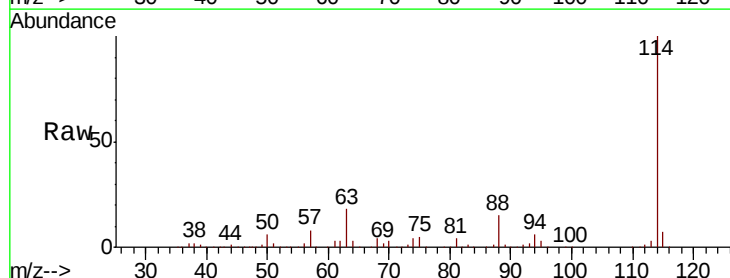
Tgt Ion: 114 Resp: 407735

Ion Ratio Lower Upper

114 100

63 17.8 0.0 33.8

88 14.9 0.0 27.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

200000

150000

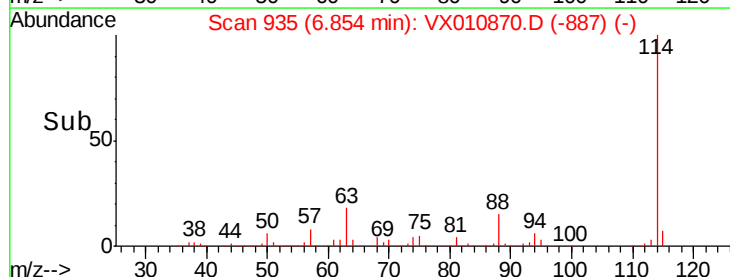
100000

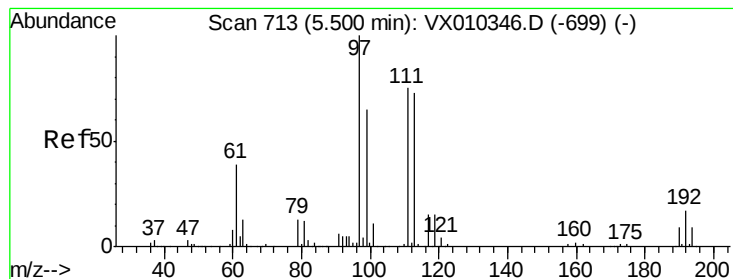
50000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 42.996 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010870.D

Acq: 15 Jul 2019 08:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

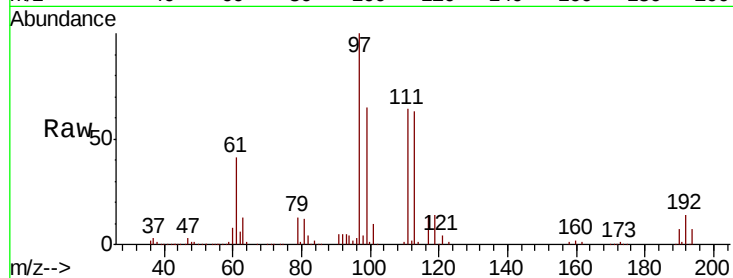
Tot Ion:113 Resp: 107262

Ion Ratio Lower Upper

113 100

111 103.2 81.2 121.8

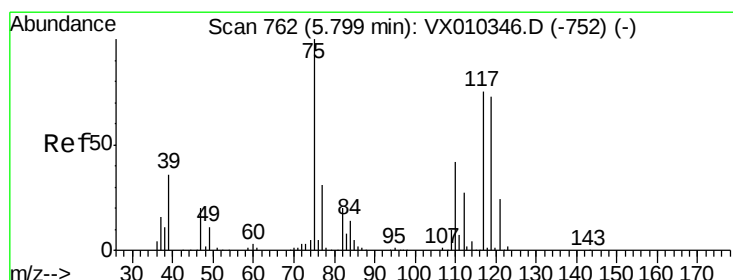
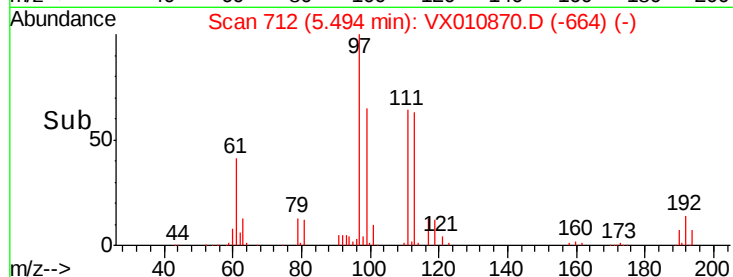
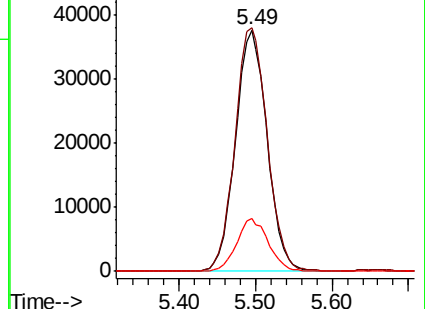
192 22.0 18.6 27.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 46.182 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX010870.D

Acq: 15 Jul 2019 08:50

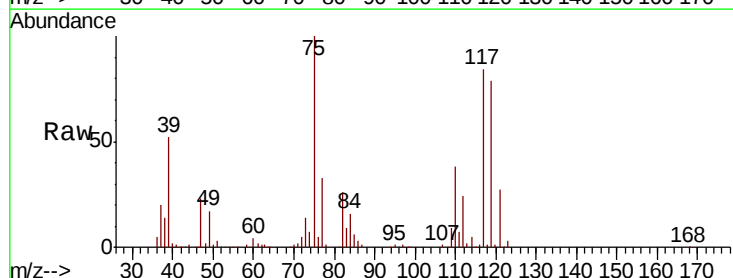
Tgt Ion: 75 Resp: 149634

Ion Ratio Lower Upper

75 100

110 40.1 20.8 62.2

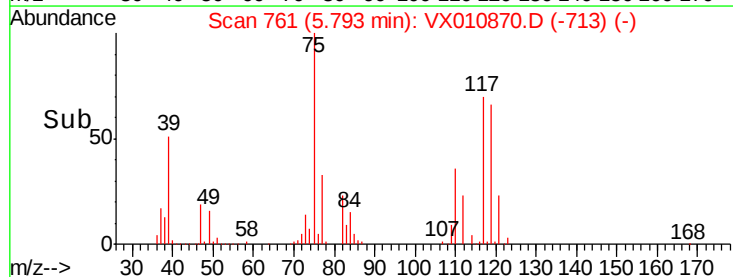
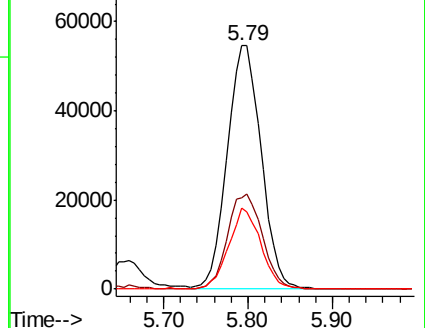
77 31.6 25.4 38.0

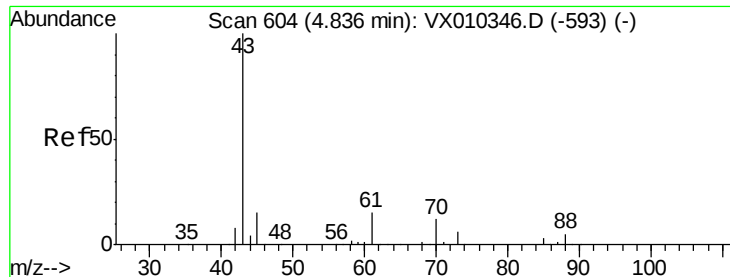


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

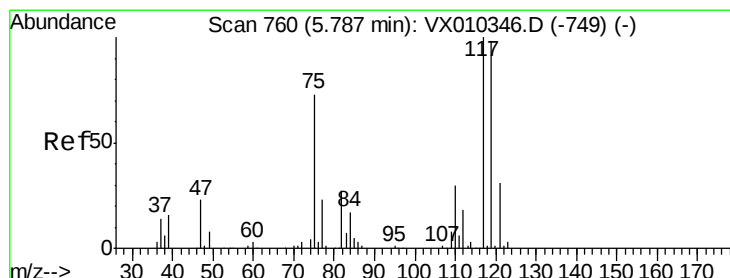
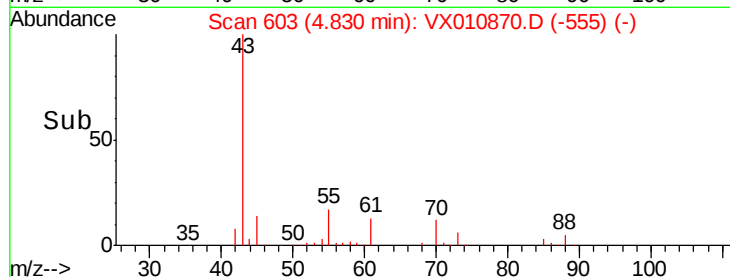
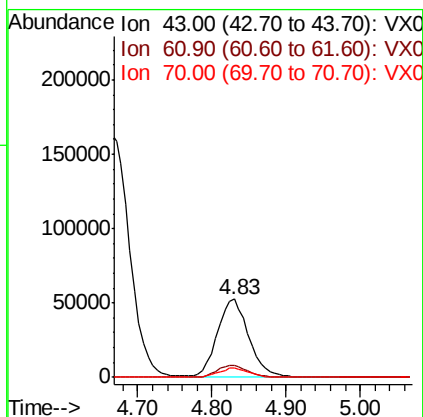
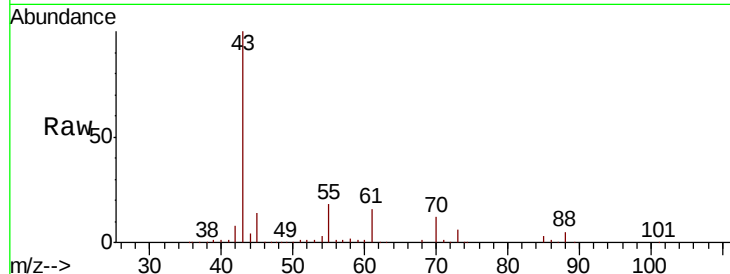




#37
Ethyl Acetate
Concen: 45.975 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX010870.D
Acq: 15 Jul 2019 08:50

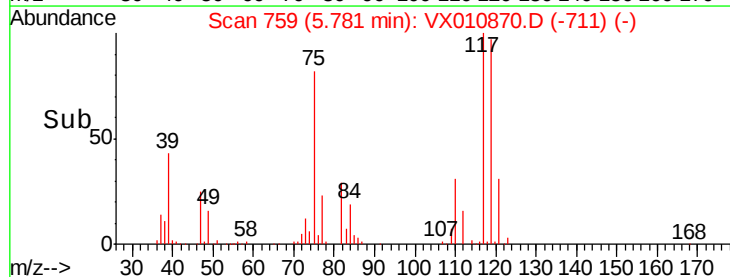
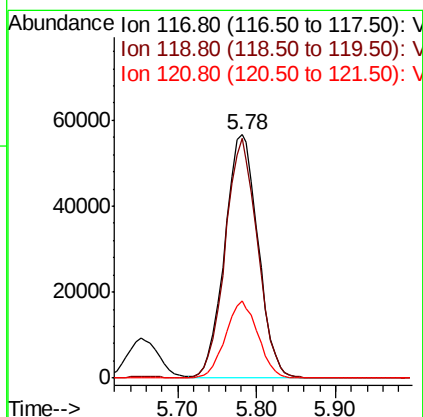
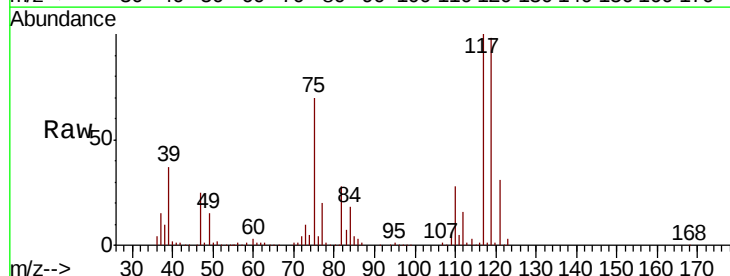
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 153246
Ion Ratio Lower Upper
43 100
61 15.7 12.4 18.6
70 11.7 9.8 14.8



#38
Carbon Tetrachloride
Concen: 47.522 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX010870.D
Acq: 15 Jul 2019 08:50

Tgt Ion: 117 Resp: 166736
Ion Ratio Lower Upper
117 100
119 98.4 78.2 117.4
121 31.5 24.7 37.1

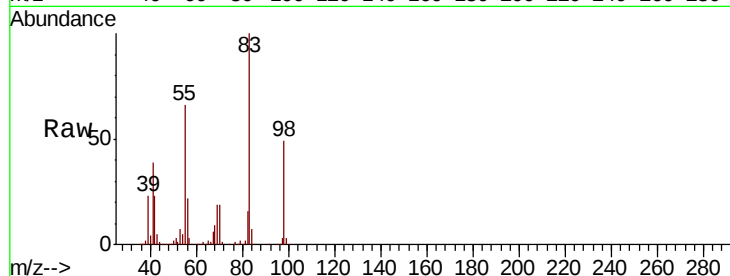




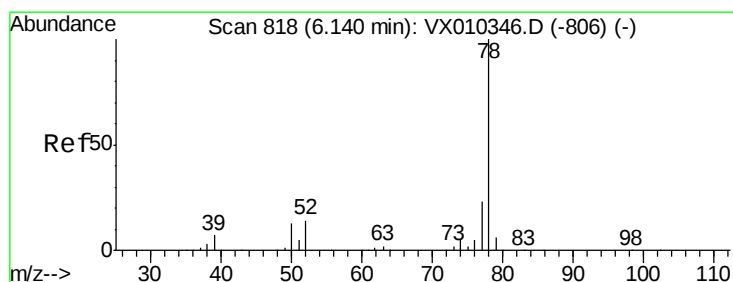
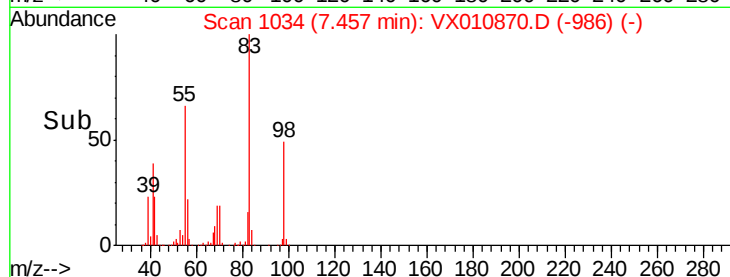
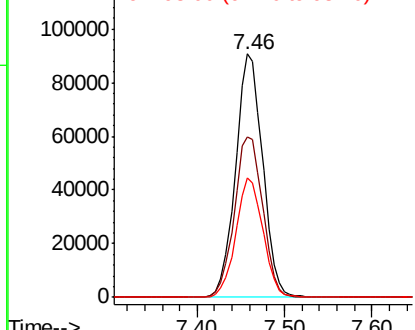
#39
Methvlcvclohexane
Concen: 45.831 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010870.D
Acq: 15 Jul 2019 08:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 195196
Ion Ratio Lower Upper
83 100
55 66.0 53.0 79.6
98 49.0 37.8 56.8

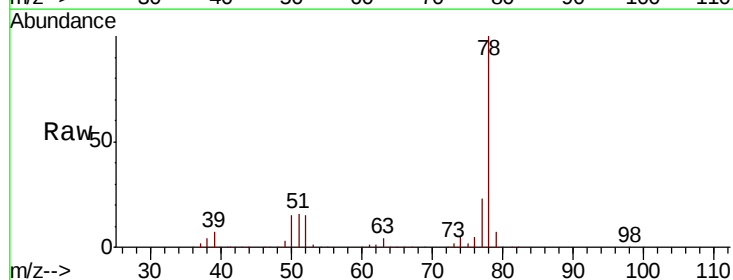


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

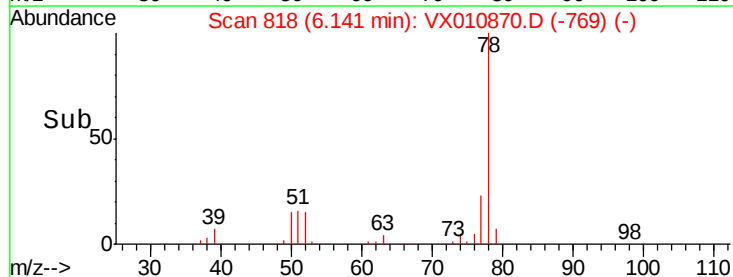
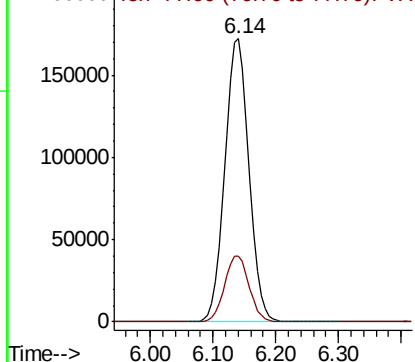


#40
Benzene
Concen: 45.305 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010870.D
Acq: 15 Jul 2019 08:50

Tgt Ion: 78 Resp: 457322
Ion Ratio Lower Upper
78 100
77 23.1 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 46.455 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX010870.D

Acq: 15 Jul 2019 08:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 84961

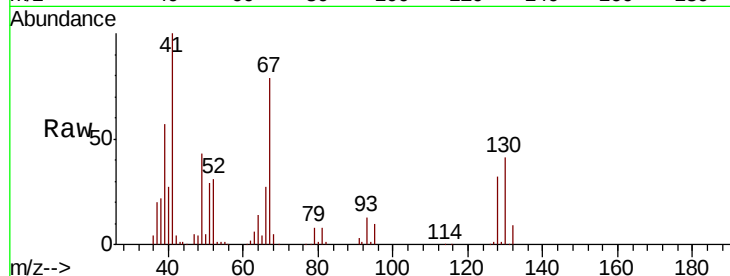
Ion Ratio Lower Upper

41 100

39 54.7 43.8 65.8

67 78.7 66.6 100.0

52 31.3 24.5 36.7

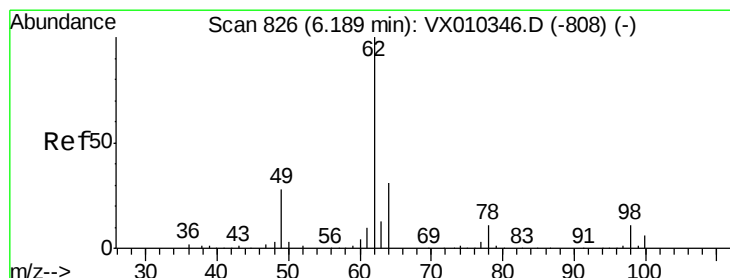
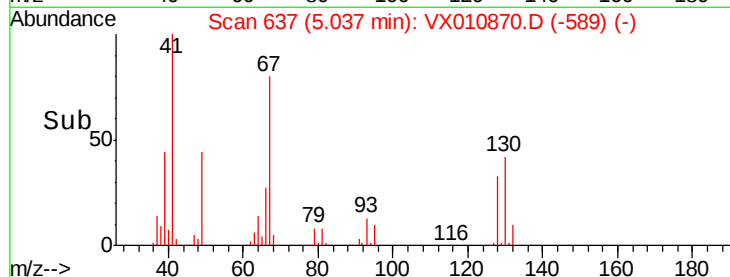
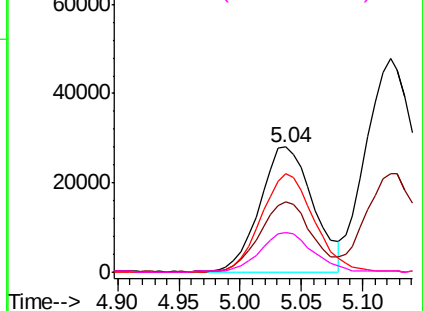


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 51.148 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX010870.D

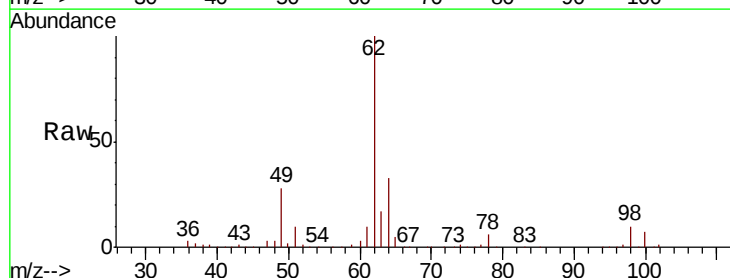
Acq: 15 Jul 2019 08:50

Tgt Ion: 62 Resp: 157164

Ion Ratio Lower Upper

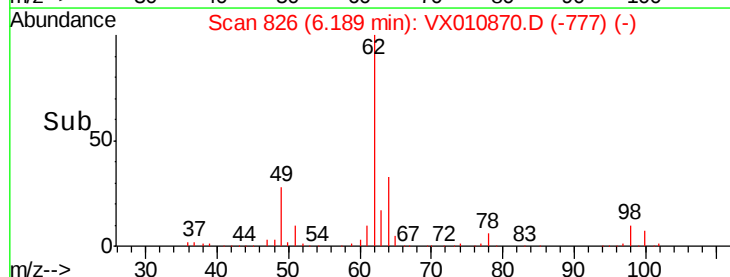
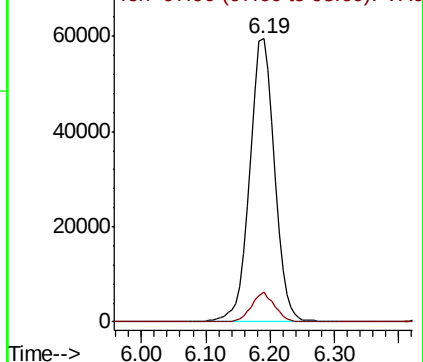
62 100

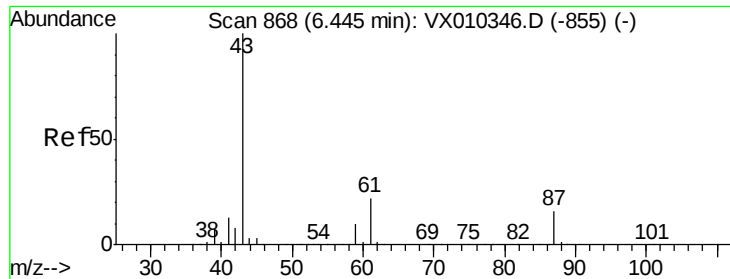
98 9.7 0.0 22.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



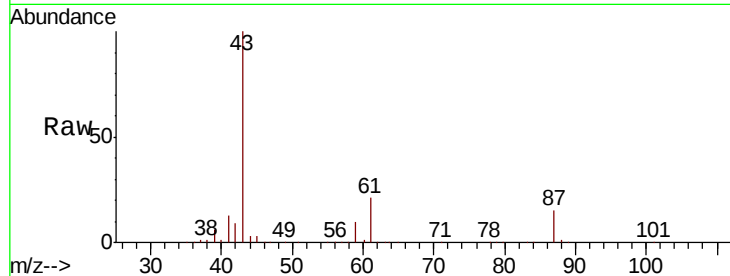


#43

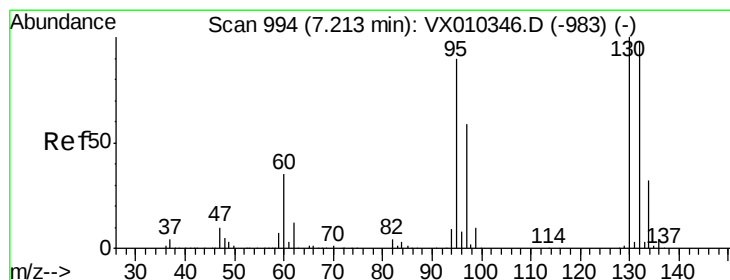
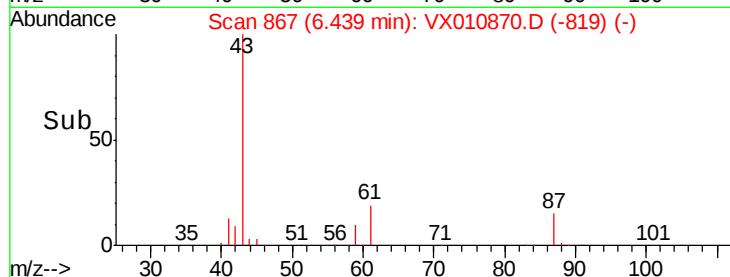
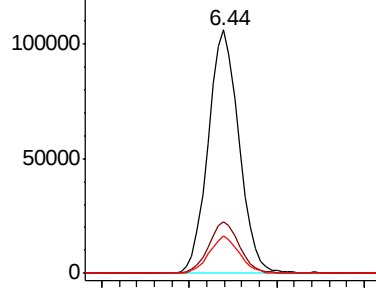
Isopropyl Acetate
 Concen: 46.947 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX010870.D
 Acq: 15 Jul 2019 08:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 258907
 Ion Ratio Lower Upper
 43 100
 61 21.2 17.8 26.6
 87 15.0 13.0 19.4



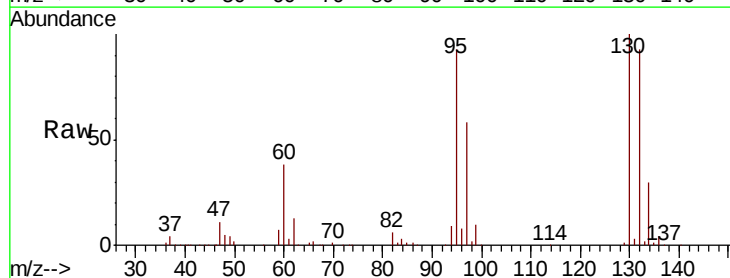
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



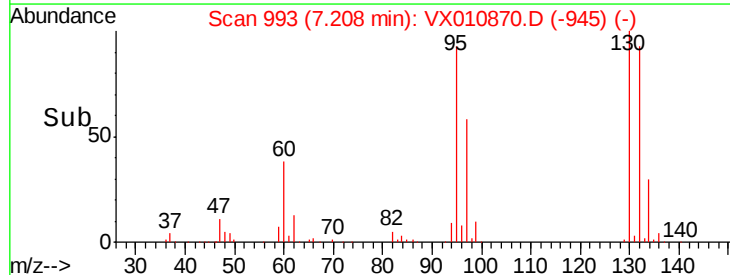
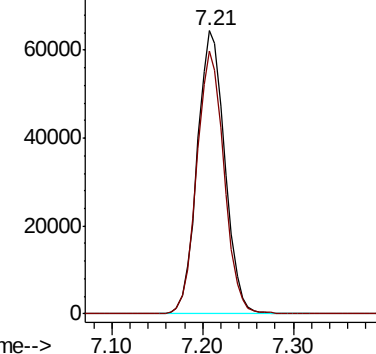
#44

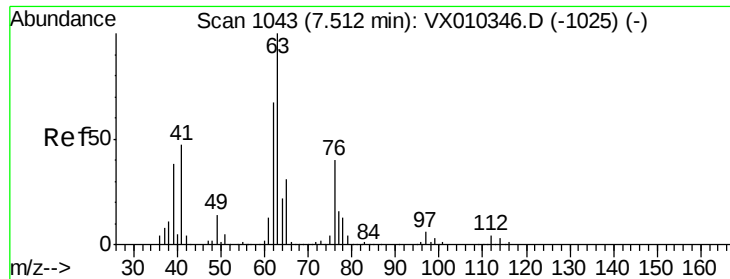
Trichloroethene
 Concen: 45.054 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX010870.D
 Acq: 15 Jul 2019 08:50

Tgt Ion:130 Resp: 136085
 Ion Ratio Lower Upper
 130 100
 95 92.8 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

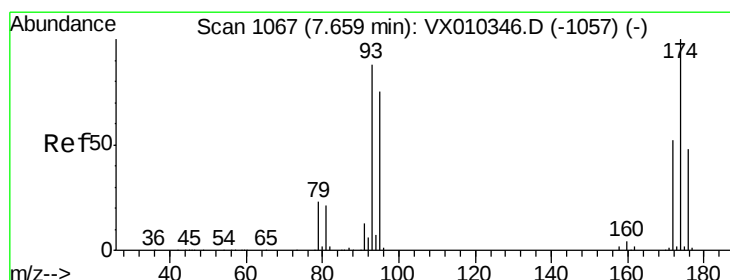
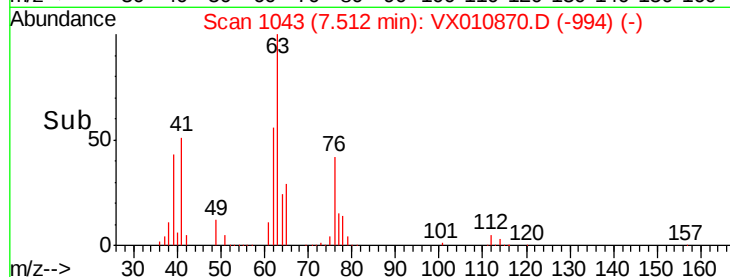
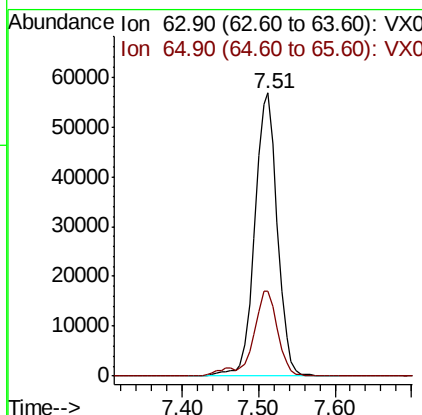
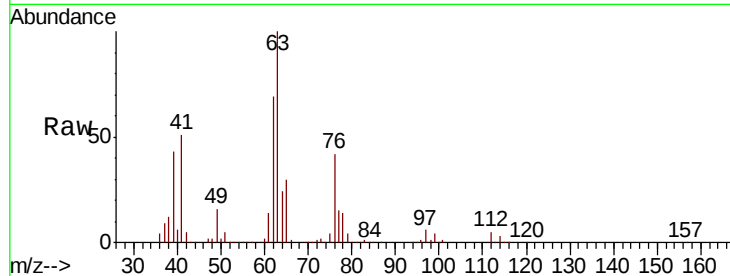




#45
 1,2-Dichloropropane
 Concen: 45.864 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX010870.D
 Acq: 15 Jul 2019 08:50

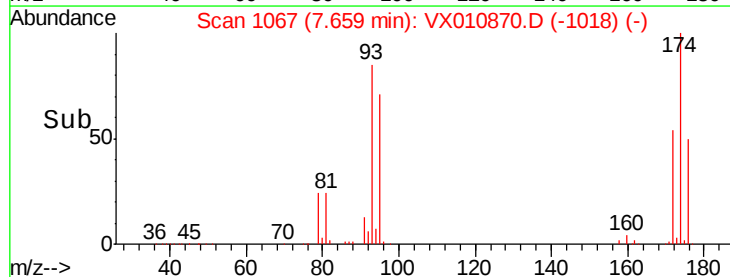
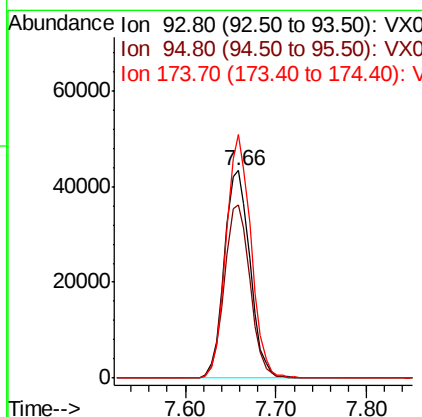
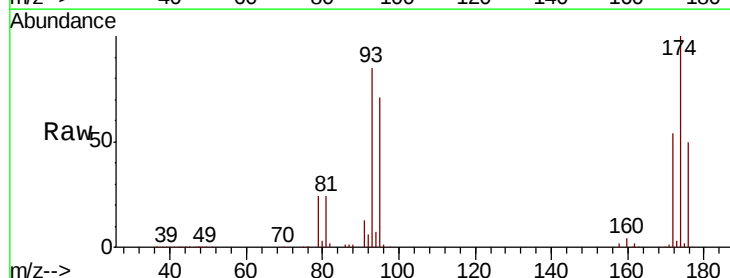
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

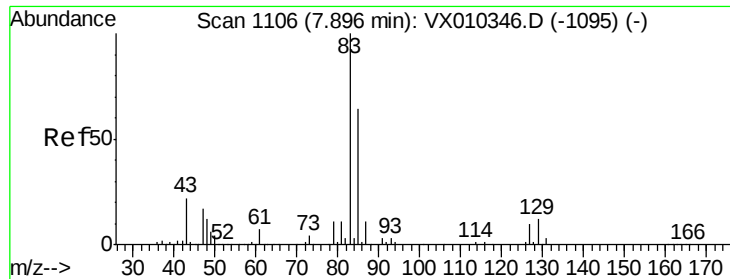
Tot Ion: 63 Resp: 116913
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.8 37.2



#46
 Dibromomethane
 Concen: 46.896 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX010870.D
 Acq: 15 Jul 2019 08:50

Tgt Ion: 93 Resp: 85770
 Ion Ratio Lower Upper
 93 100
 95 83.3 67.5 101.3
 174 113.1 95.8 143.6





#47

Bromodichloromethane

Concen: 47.872 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010870.D

Acq: 15 Jul 2019 08:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

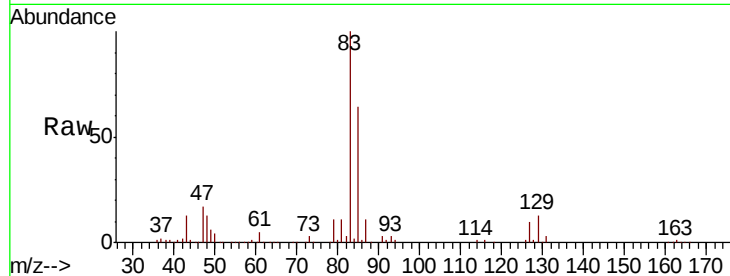
Tot Ion: 83 Resp: 160456

Ion Ratio Lower Upper

83 100

85 64.3 51.5 77.3

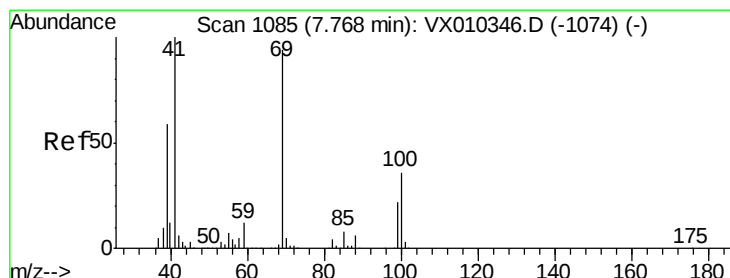
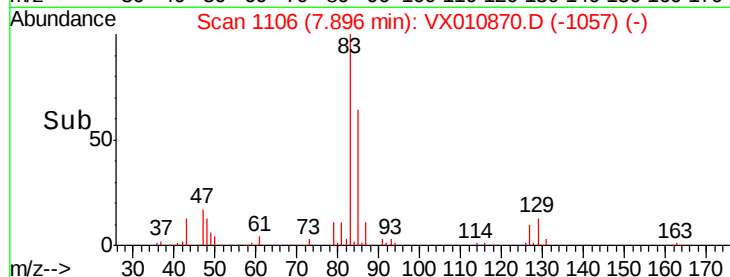
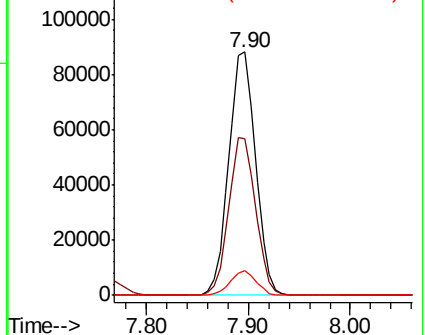
127 10.0 7.8 11.8



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: 48.070 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. -0.01 min

Lab File: VX010870.D

Acq: 15 Jul 2019 08:50

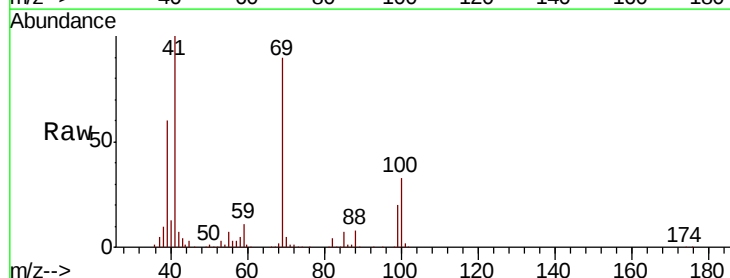
Tgt Ion: 41 Resp: 123221

Ion Ratio Lower Upper

41 100

69 92.6 76.1 114.1

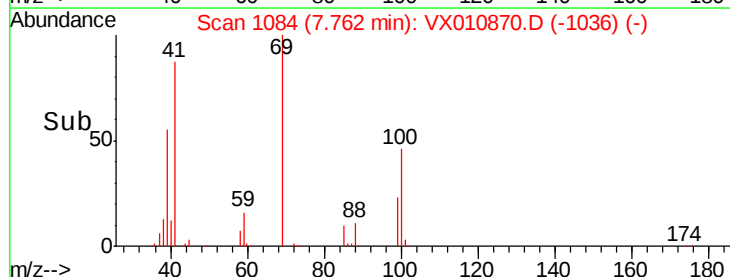
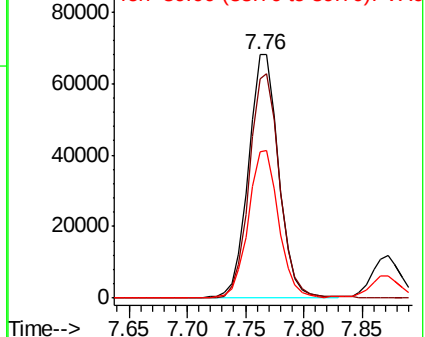
39 61.0 47.6 71.4

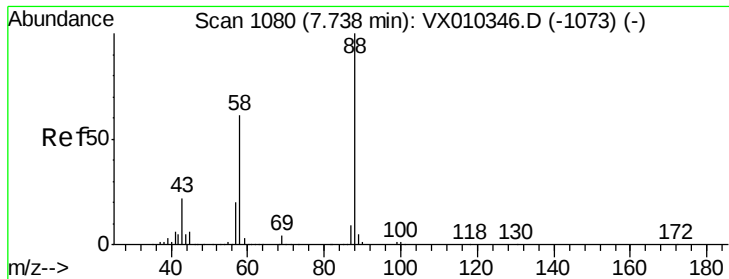


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 868.369 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX010870.D

Acq: 15 Jul 2019 08:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

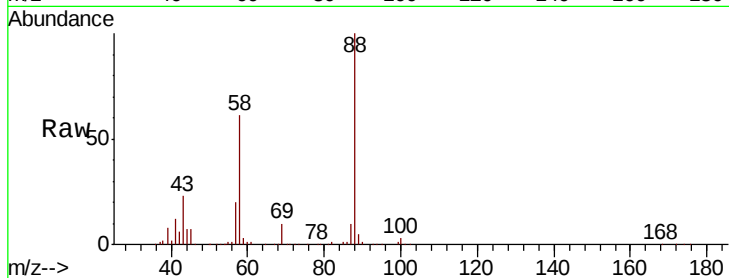
Tot Ion: 88 Resp: 64124

Ion Ratio Lower Upper

88 100

43 26.7 20.2 30.2

58 61.6 49.5 74.3



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

150000

100000

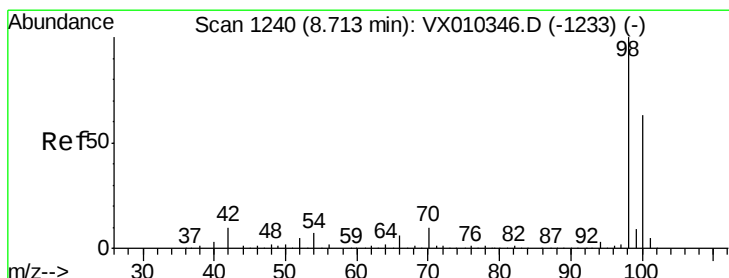
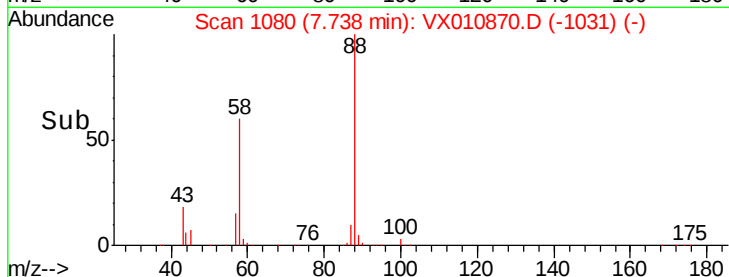
50000

0

7.74

7.70 7.80 7.90

Time-->



#50

Toluene-d8

Concen: 40.323 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010870.D

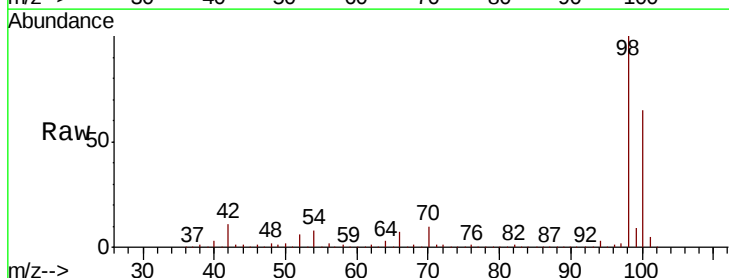
Acq: 15 Jul 2019 08:50

Tgt Ion: 98 Resp: 384848

Ion Ratio Lower Upper

98 100

100 64.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

250000

200000

150000

100000

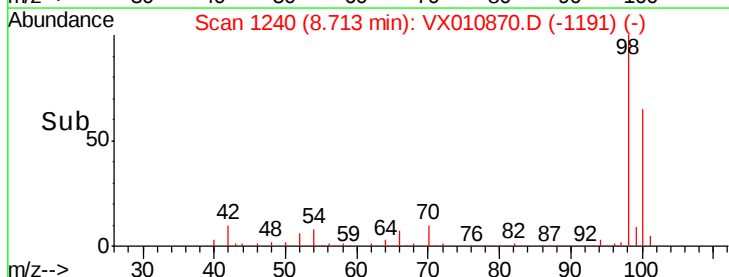
50000

0

8.71

8.60 8.70 8.80

Time-->





#51

4-Methyl-2-Pentanone

Concen: 234.987 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX010870.D

Acq: 15 Jul 2019 08:50

Instrument :

MSVOA_X

ClientSampleId :

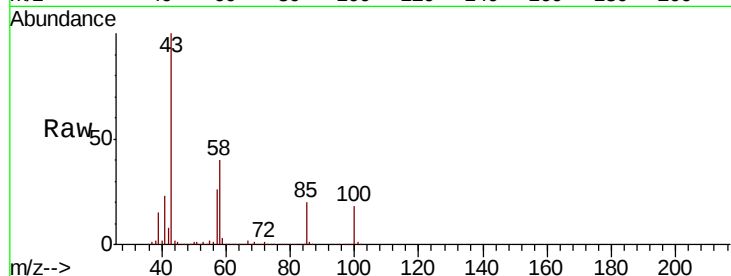
VSTDCCC050

Tot Ion: 43 Resp: 828817

Ion Ratio Lower Upper

43 100

58 40.2 33.5 50.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

600000

500000

400000

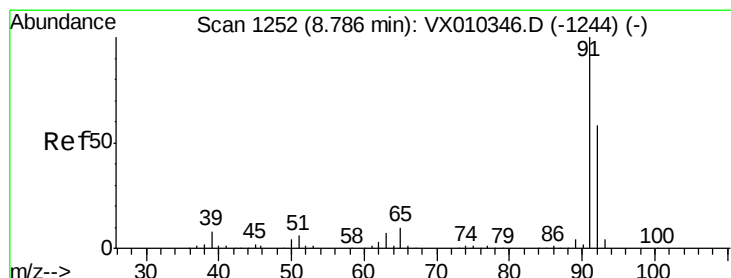
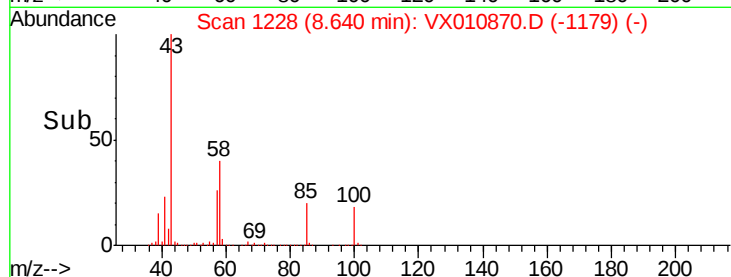
300000

200000

100000

0

Time--> 8.55 8.60 8.65 8.70



#52

Toluene

Concen: 45.308 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010870.D

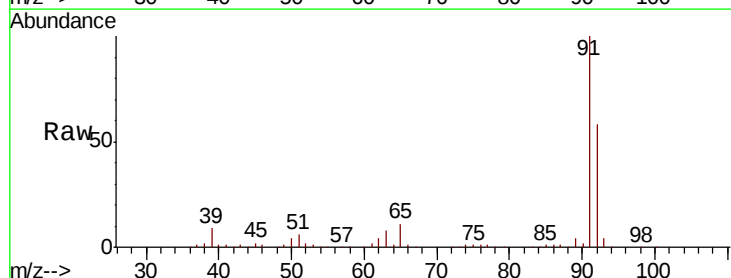
Acq: 15 Jul 2019 08:50

Tgt Ion: 92 Resp: 301185

Ion Ratio Lower Upper

92 100

91 175.7 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

400000

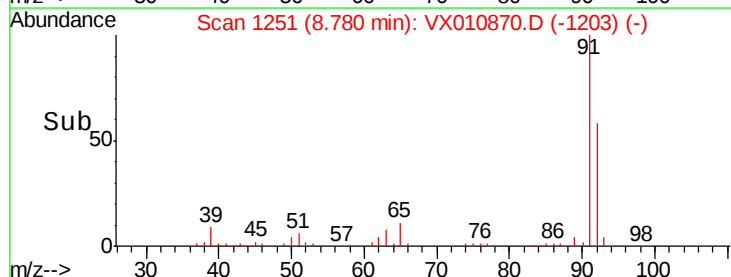
300000

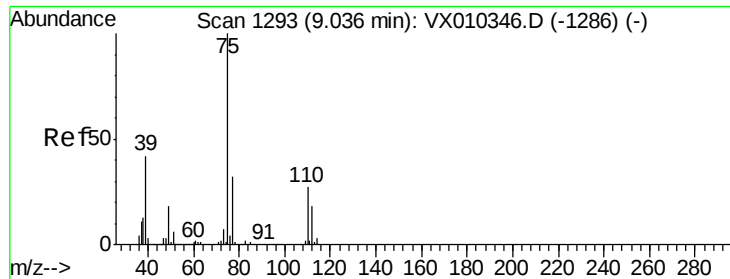
200000

100000

0

Time--> 8.70 8.75 8.80 8.85 8.90

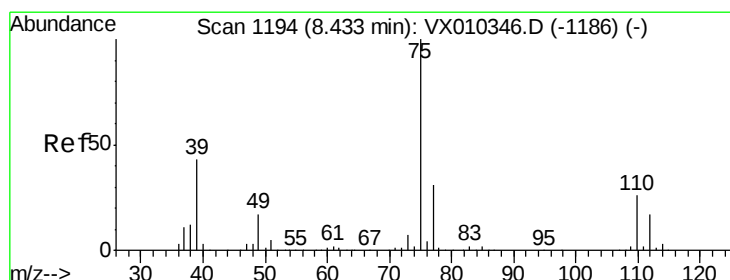
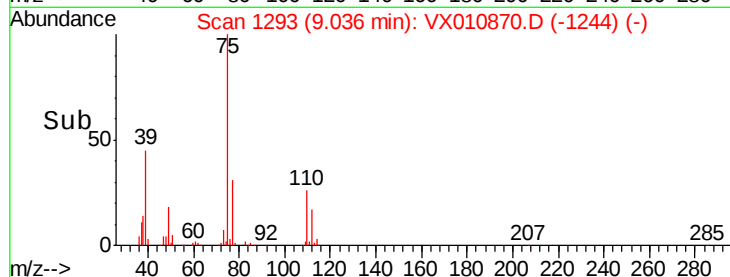
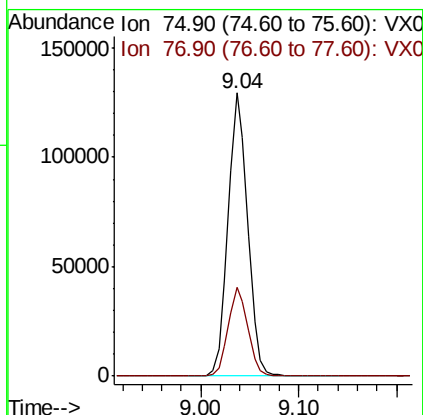
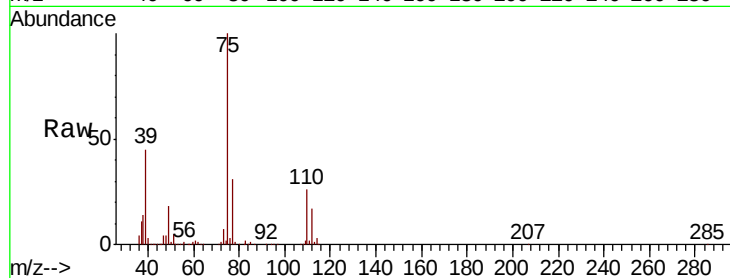




#53
 t-1,3-Dichloropropene
 Concen: 48.036 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: VX010870.D
 Acq: 15 Jul 2019 08:50

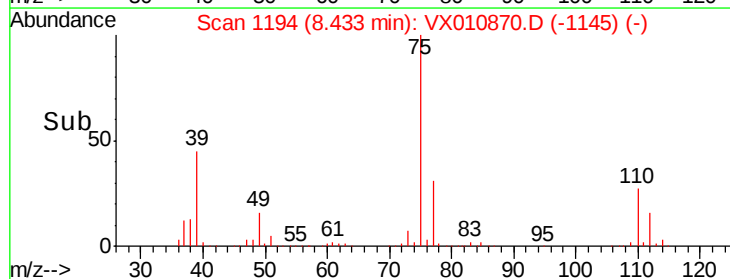
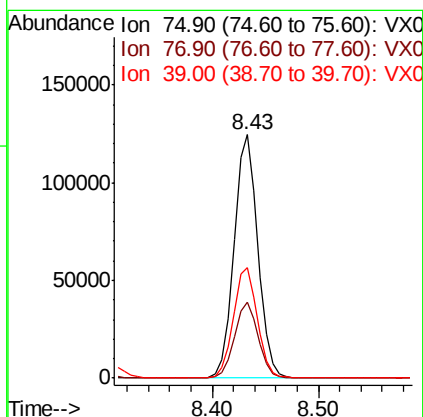
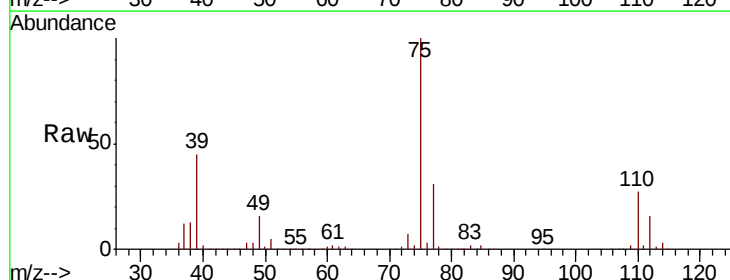
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

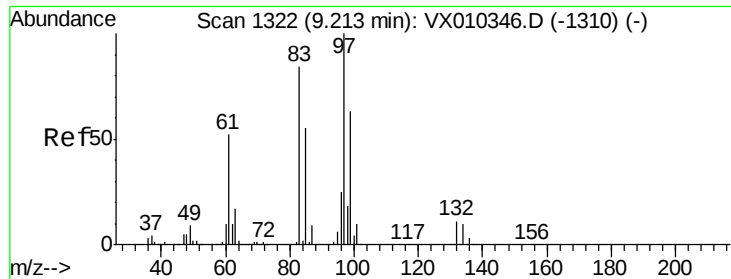
Tot Ion: 75 Resp: 180508
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 47.650 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX010870.D
 Acq: 15 Jul 2019 08:50

Tgt Ion: 75 Resp: 194584
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.2 37.8
 39 45.2 34.5 51.7

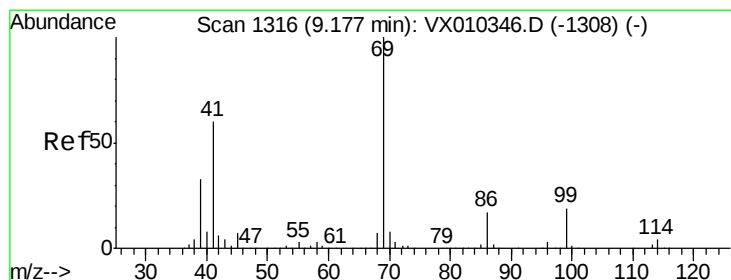
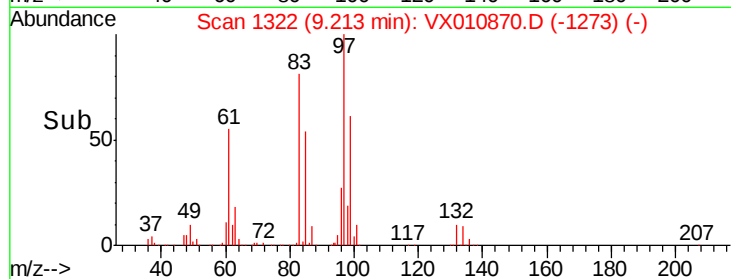
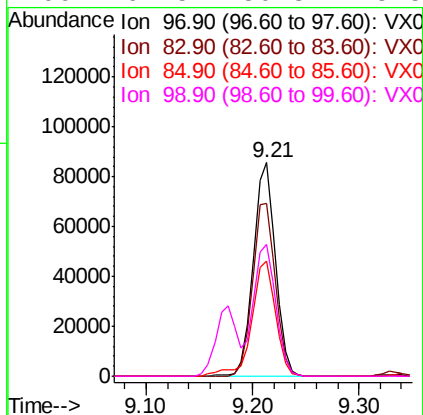
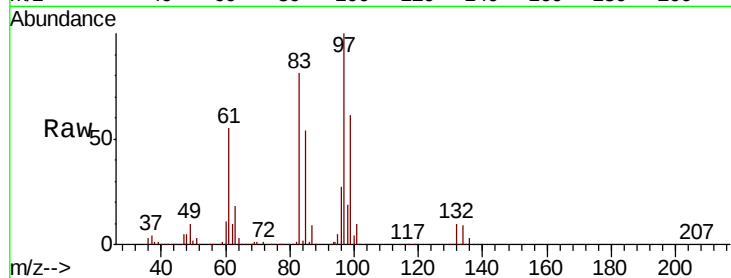




#55
 1,1,2-Trichloroethane
 Concen: 45.725 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010870.D
 Acq: 15 Jul 2019 08:50

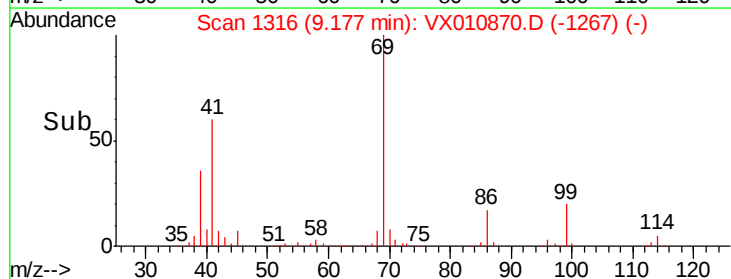
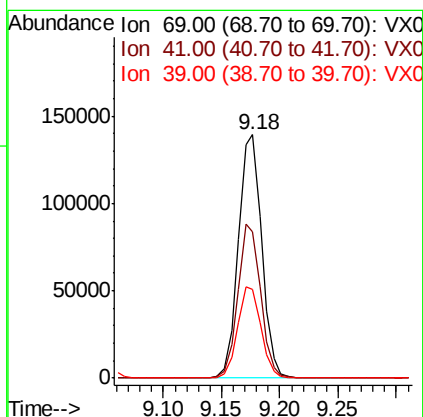
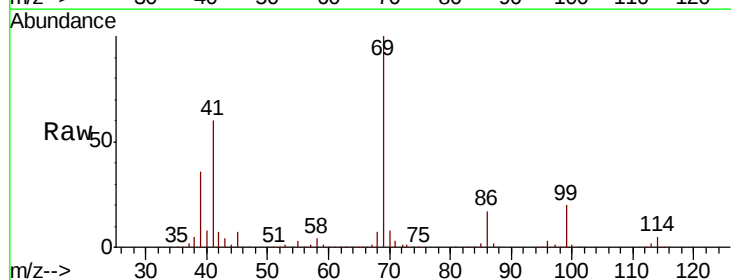
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

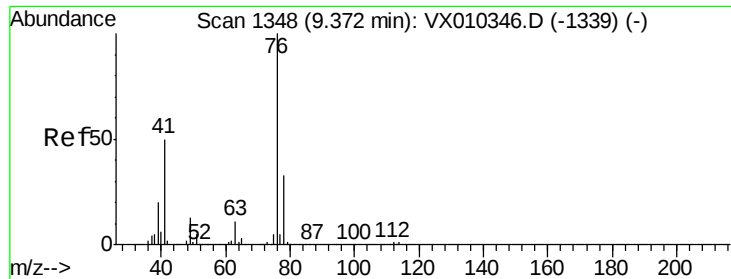
Tot Ion	Ratio	Lower	Upper
97	100		
83	80.7	67.4	101.0
85	53.9	43.8	65.8
99	61.5	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 47.114 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010870.D
 Acq: 15 Jul 2019 08:50

Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.7	47.1	70.7
39	37.2	26.6	40.0





#57

1,3-Dichloropropane

Concen: 46.564 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX010870.D

Acq: 15 Jul 2019 08:50

Instrument :

MSVOA_X

ClientSampleId :

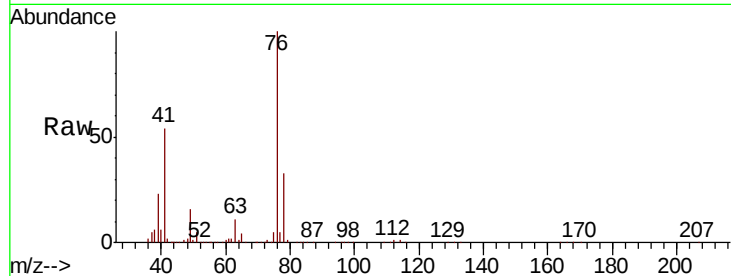
VSTDCCC050

Tot Ion: 76 Resp: 198164

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

150000

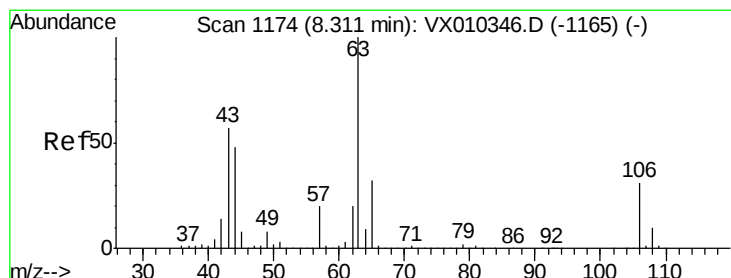
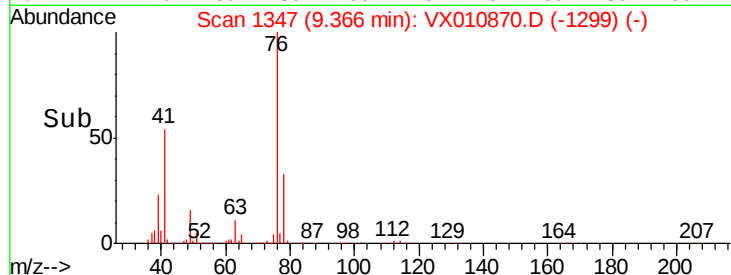
100000

50000

0

Time-->

9.30 9.40



#58

2-Chloroethyl Vinyl ether

Concen: 203.065 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX010870.D

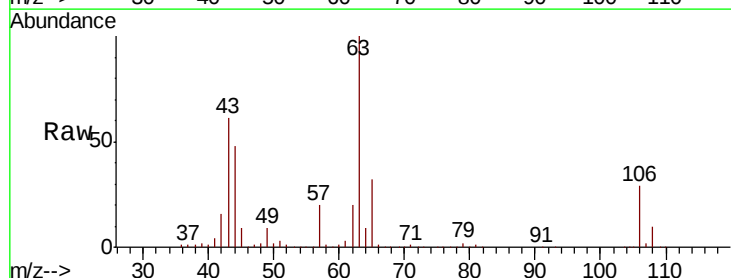
Acq: 15 Jul 2019 08:50

Tgt Ion: 63 Resp: 400533

Ion Ratio Lower Upper

63 100

106 30.6 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.30

300000

250000

200000

150000

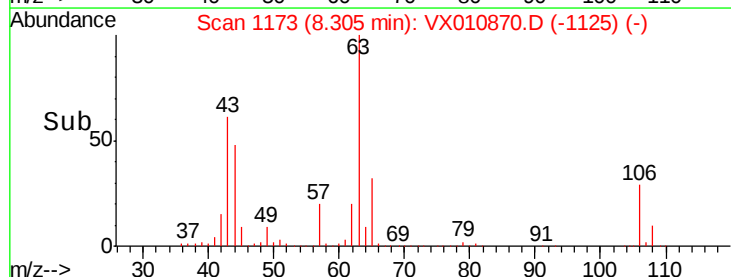
100000

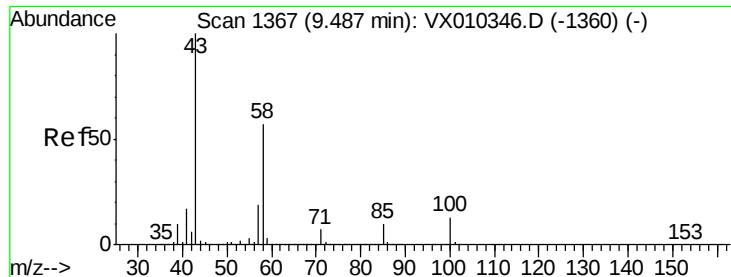
50000

0

Time-->

8.20 8.25 8.30 8.35 8.40

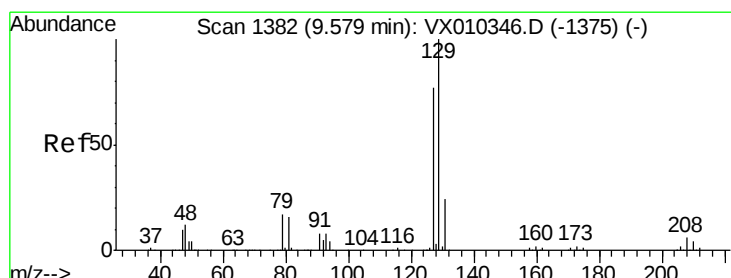
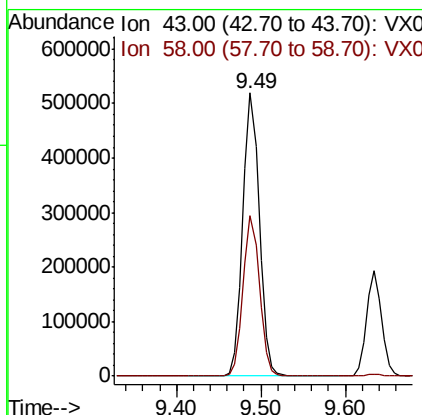
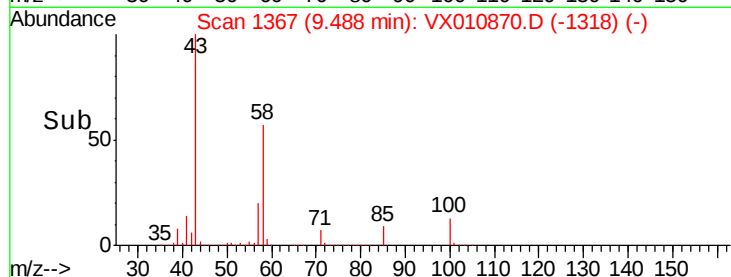
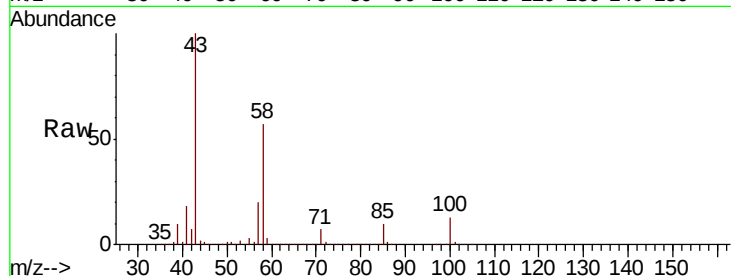




#59
2-Hexanone
Concen: 244.025 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010870.D
Acq: 15 Jul 2019 08:50

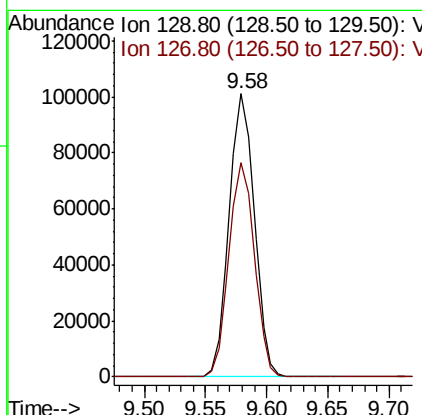
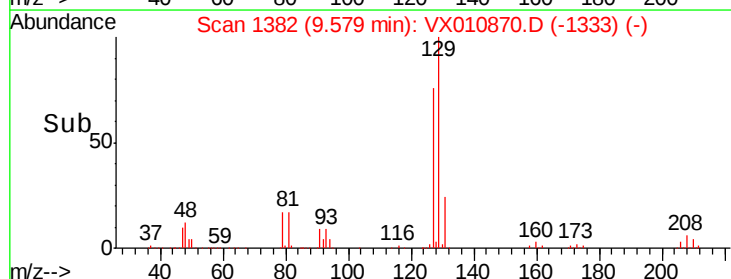
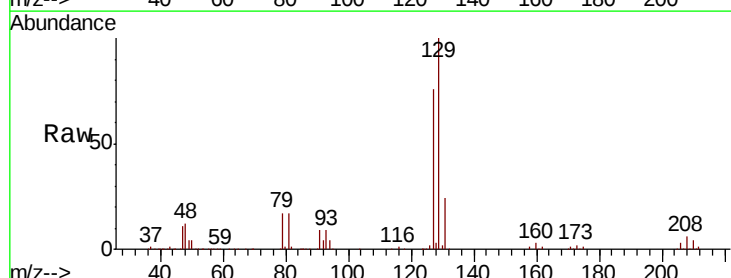
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

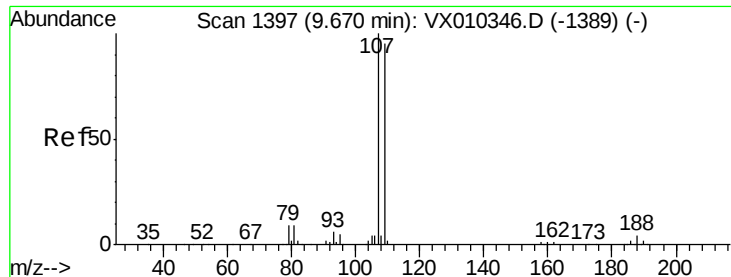
Tot Ion: 43 Resp: 677397
Ion Ratio Lower Upper
43 100
58 56.4 29.0 87.1



#60
Dibromochloromethane
Concen: 47.238 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010870.D
Acq: 15 Jul 2019 08:50

Tgt Ion:129 Resp: 145006
Ion Ratio Lower Upper
129 100
127 76.3 38.4 115.1

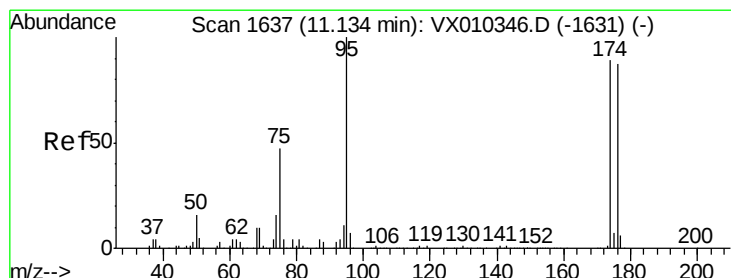
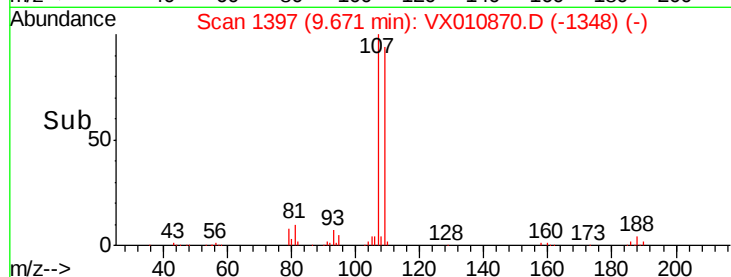
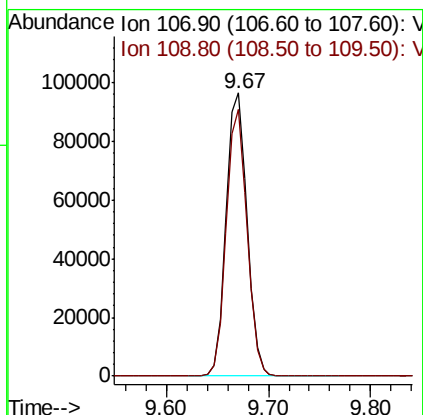
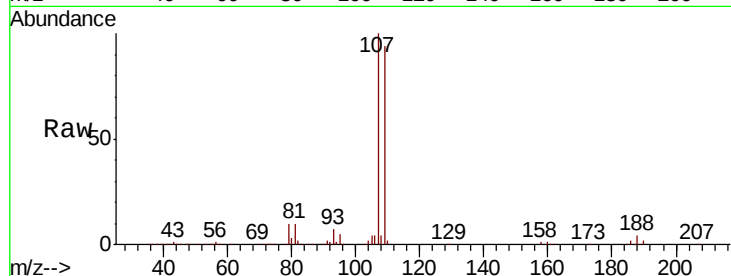




#61
 1,2-Dibromoethane
 Concen: 46.324 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX010870.D
 Acq: 15 Jul 2019 08:50

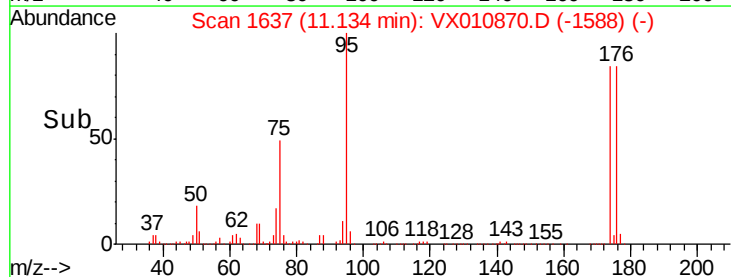
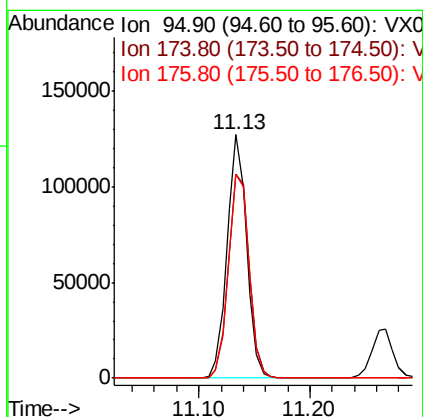
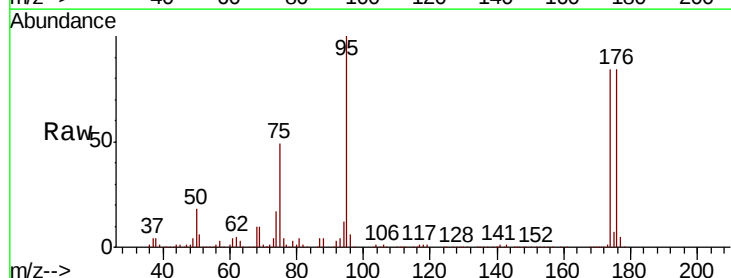
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

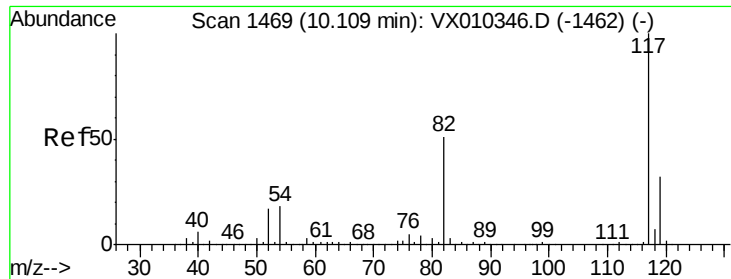
Tot Ion:107 Resp: 137082
 Ion Ratio Lower Upper
 107 100
 109 93.3 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 44.780 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX010870.D
 Acq: 15 Jul 2019 08:50

Tgt Ion: 95 Resp: 154298
 Ion Ratio Lower Upper
 95 100
 174 89.4 0.0 187.6
 176 88.7 0.0 184.0

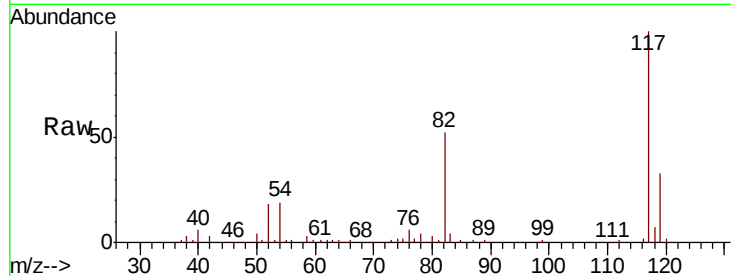




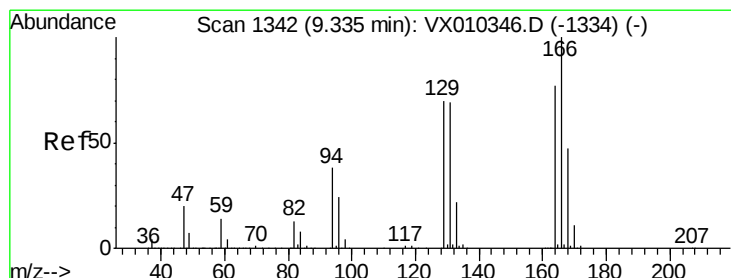
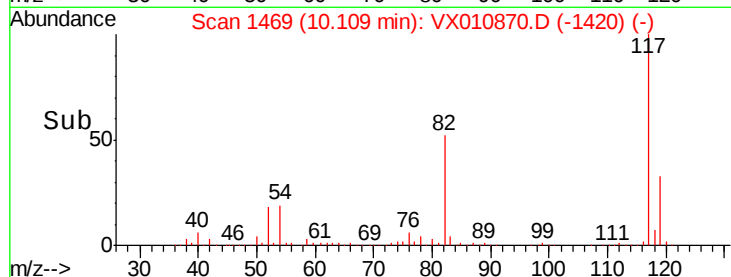
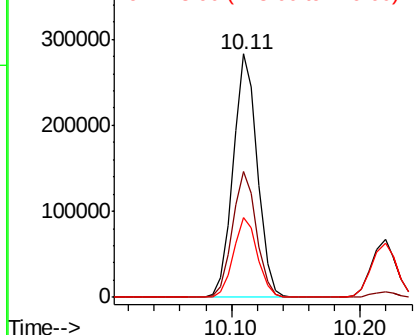
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010870.D
Acq: 15 Jul 2019 08:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 370746
Ion Ratio Lower Upper
117 100
82 51.8 41.2 61.8
119 32.8 25.5 38.3

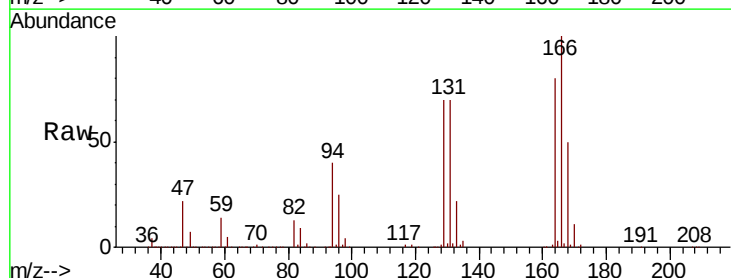


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

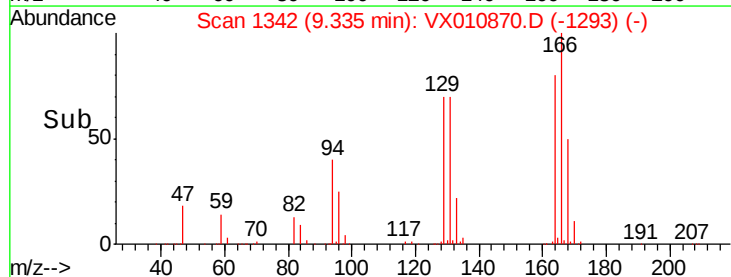
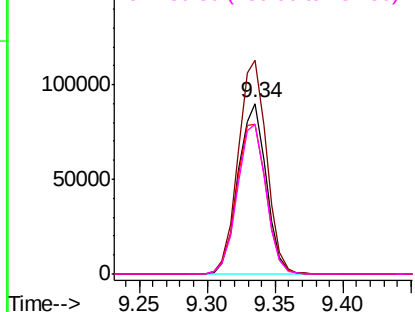


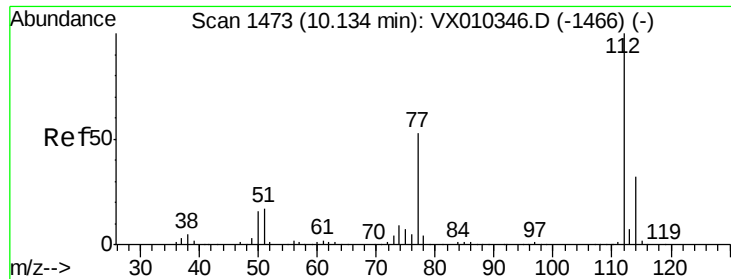
#64
Tetrachloroethene
Concen: 43.062 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010870.D
Acq: 15 Jul 2019 08:50

Tgt Ion:164 Resp: 129129
Ion Ratio Lower Upper
164 100
166 125.3 103.6 155.4
129 87.7 73.0 109.4
131 87.7 71.0 106.4



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: 45.666 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX010870.D

Acq: 15 Jul 2019 08:50

Instrument :

MSVOA_X

ClientSampleId :

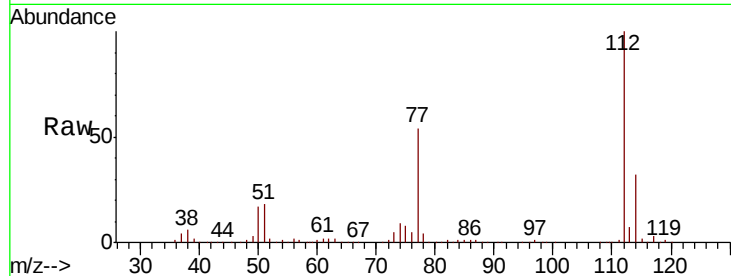
VSTDCCC050

Tot Ion:112 Resp: 343723

Ion Ratio Lower Upper

112 100

114 31.5 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.13

250000

200000

150000

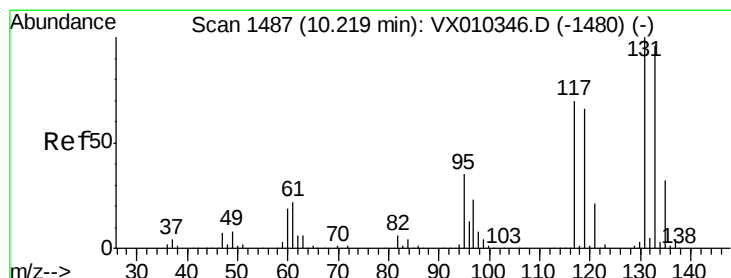
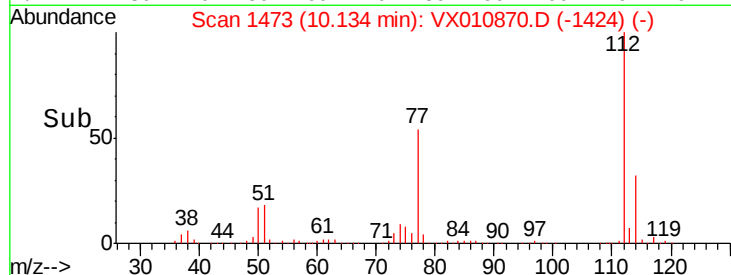
100000

50000

0

Time-->

10.10 10.20



#66

1,1,1,2-Tetrachloroethane

Concen: 47.384 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX010870.D

Acq: 15 Jul 2019 08:50

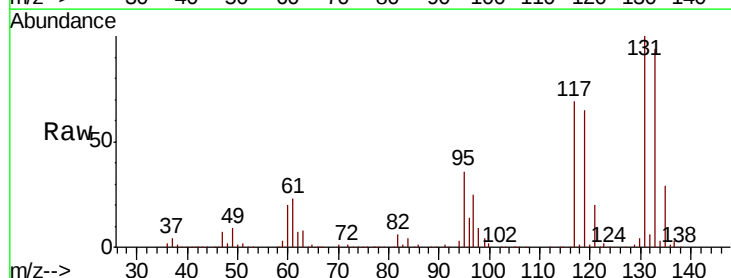
Tgt Ion:131 Resp: 129912

Ion Ratio Lower Upper

131 100

133 94.8 47.7 143.1

119 65.4 32.6 97.7



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.22

120000

100000

80000

60000

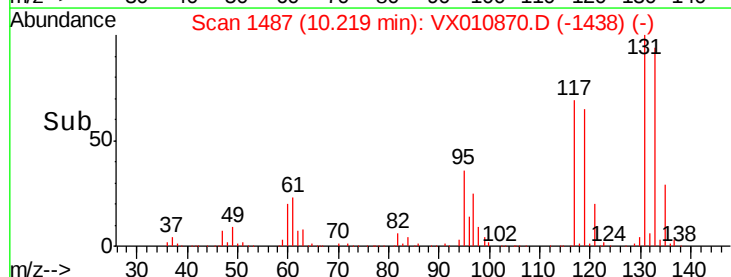
40000

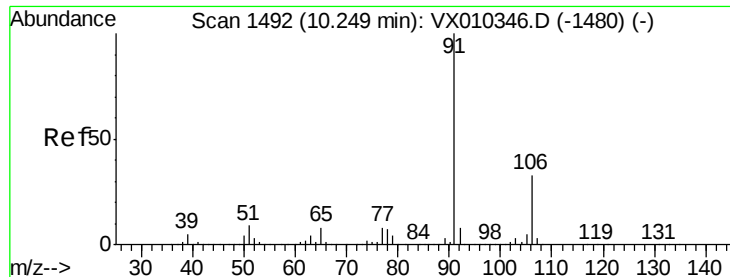
20000

0

Time-->

10.20 10.30

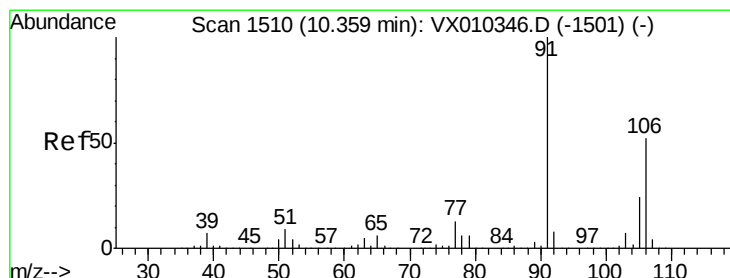
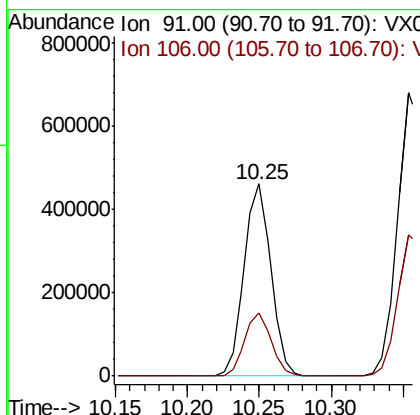
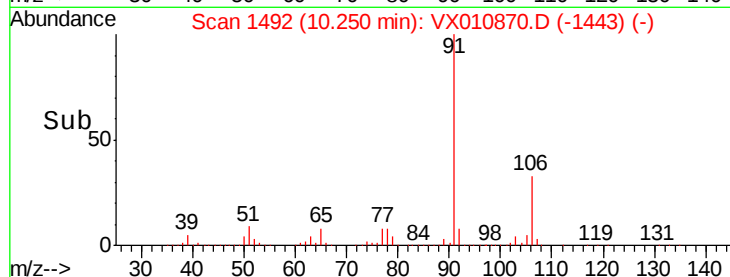
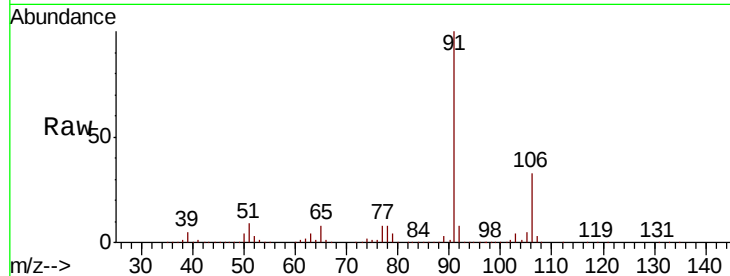




#67
Ethyl Benzene
Concen: 46.994 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010870.D
Acq: 15 Jul 2019 08:50

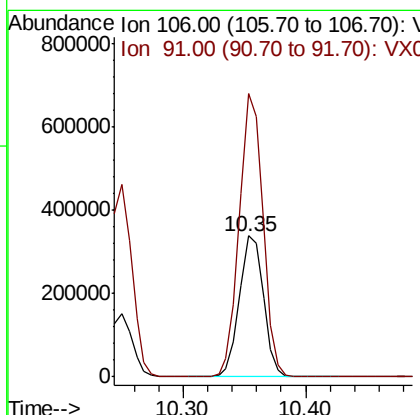
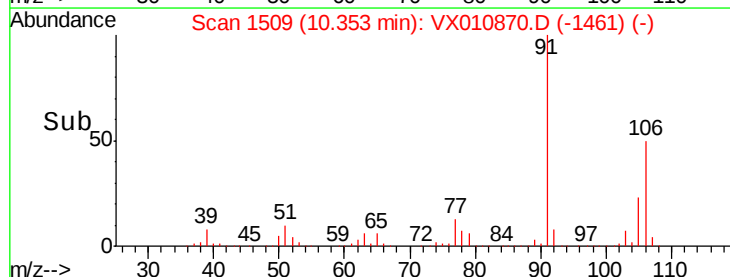
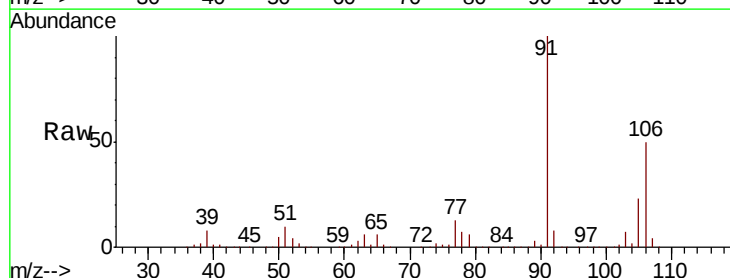
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

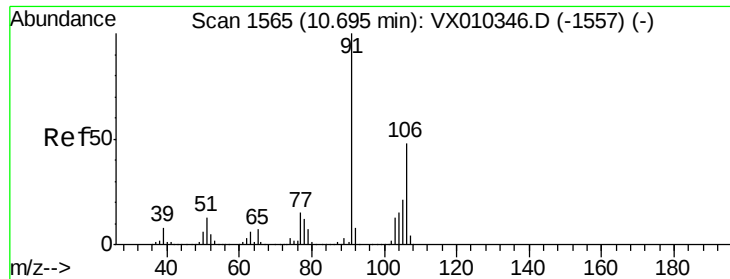
Tot Ion: 91 Resp: 597152
Ion Ratio Lower Upper
91 100
106 32.9 26.2 39.2



#68
m/p-Xylenes
Concen: 93.699 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX010870.D
Acq: 15 Jul 2019 08:50

Tgt Ion: 106 Resp: 461339
Ion Ratio Lower Upper
106 100
91 197.7 155.3 232.9

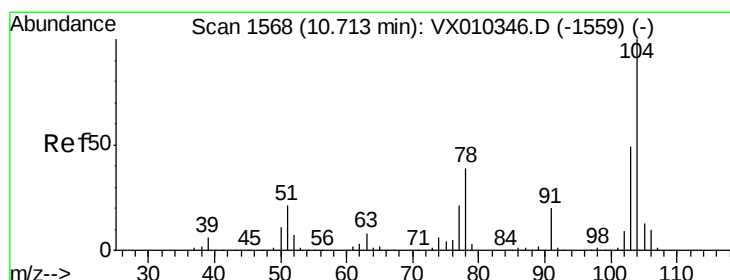
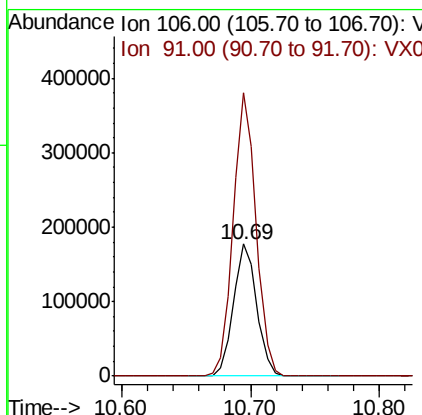
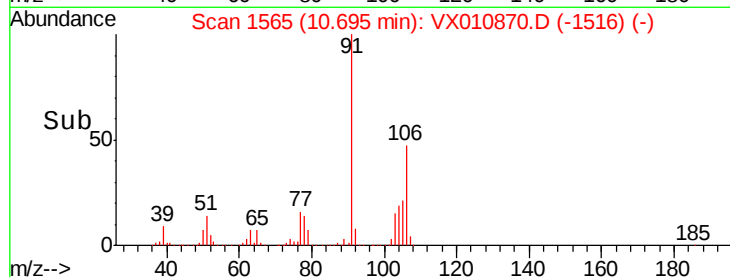
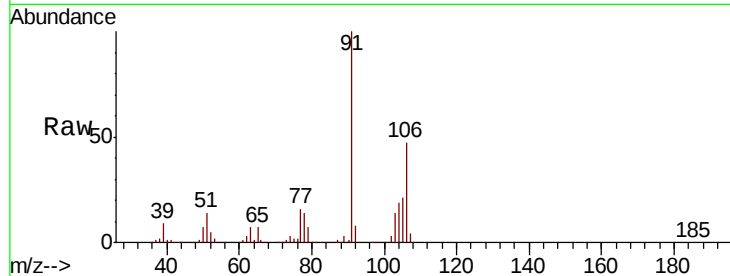




#69
o-Xylene
Concen: 46.185 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010870.D
Acq: 15 Jul 2019 08:50

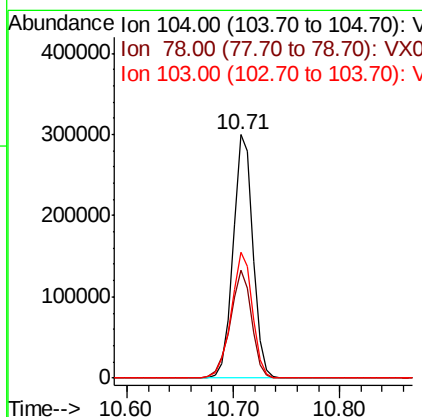
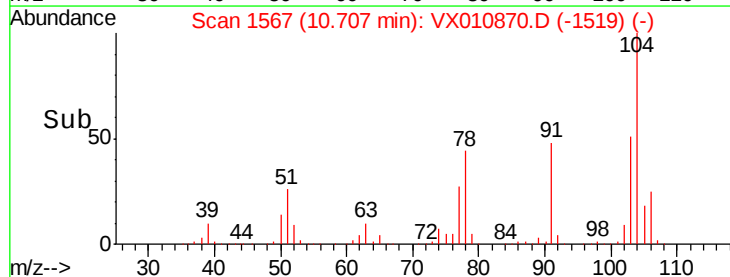
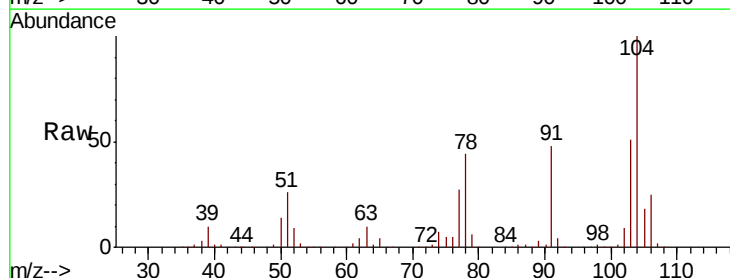
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion:106 Resp: 223624
Ion Ratio Lower Upper
106 100
91 210.8 102.7 308.1



#70
Styrene
Concen: 48.213 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010870.D
Acq: 15 Jul 2019 08:50

Tgt Ion:104 Resp: 391496
Ion Ratio Lower Upper
104 100
78 47.9 36.2 54.2
103 55.1 44.2 66.4





#71

Bromoform

Concen: 47.205 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010870.D

Acq: 15 Jul 2019 08:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

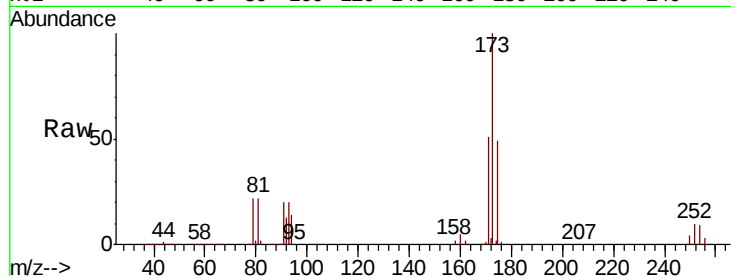
Tot Ion:173 Resp: 112548

Ion Ratio Lower Upper

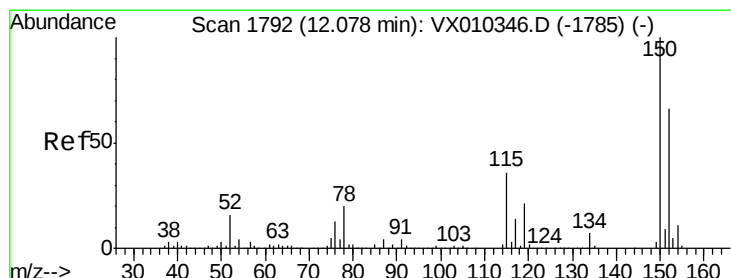
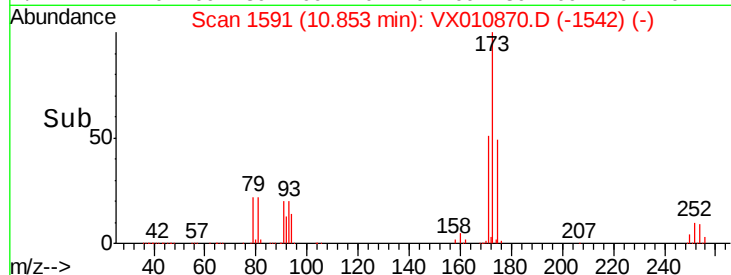
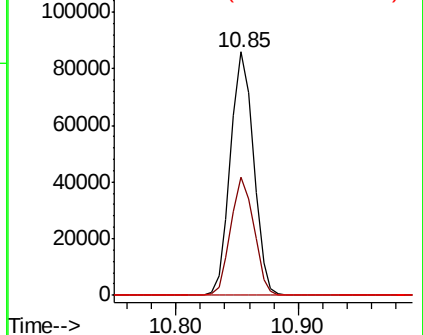
173 100

175 48.6 24.1 72.3

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010870.D

Acq: 15 Jul 2019 08:50

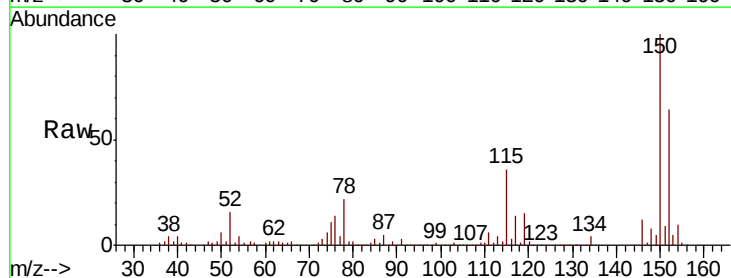
Tgt Ion:152 Resp: 199270

Ion Ratio Lower Upper

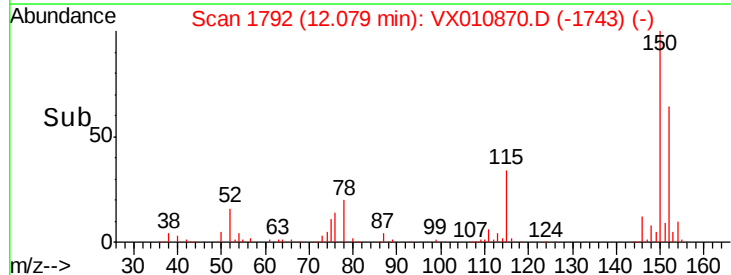
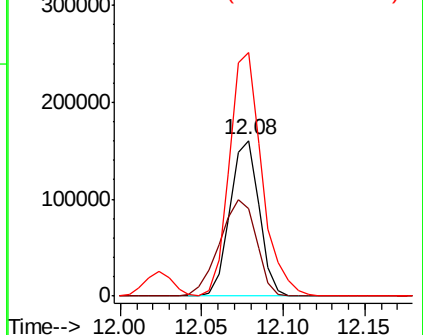
152 100

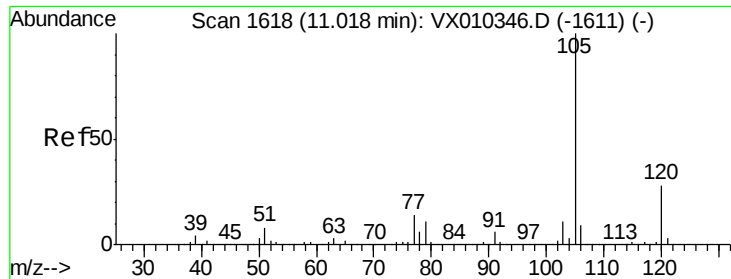
115 78.6 38.6 115.7

150 173.6 0.0 347.4



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





#73

Isopropylbenzene

Concen: 45.187 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010870.D

Acq: 15 Jul 2019 08:50

Instrument :

MSVOA_X

ClientSampleId :

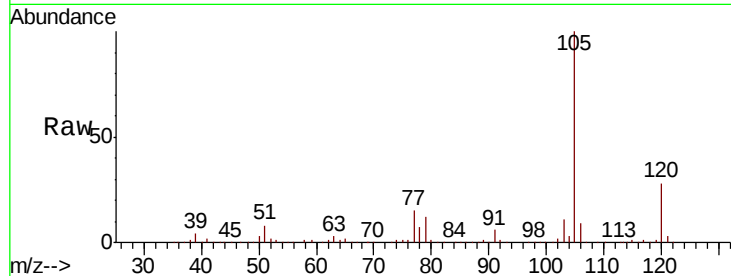
VSTDCCC050

Tot Ion:105 Resp: 610394

Ion Ratio Lower Upper

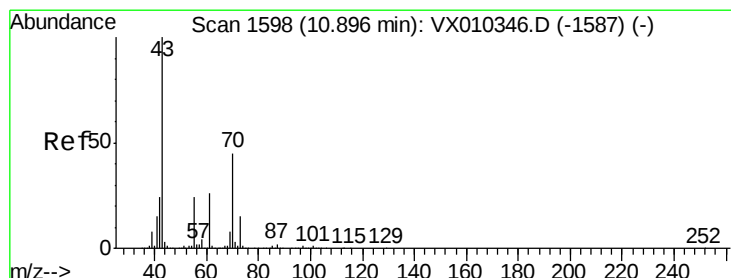
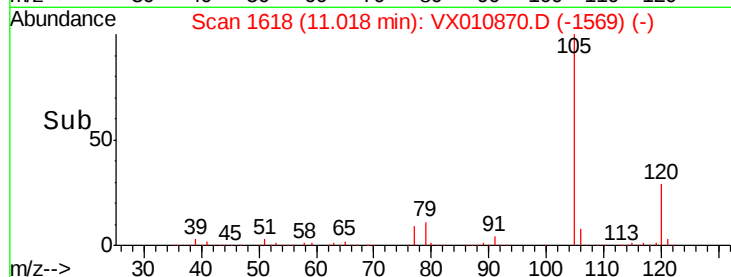
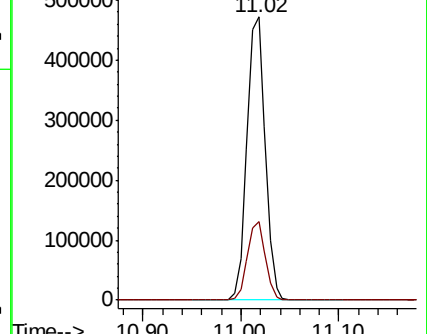
105 100

120 27.5 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.459 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010870.D

Acq: 15 Jul 2019 08:50

Tgt Ion: 43 Resp: 242278

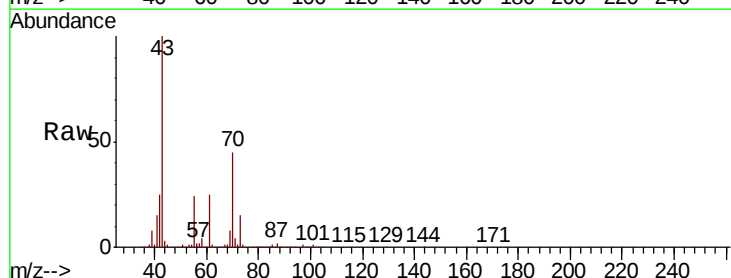
Ion Ratio Lower Upper

43 100

70 44.2 36.6 54.8

55 23.9 18.7 28.1

61 25.1 20.6 31.0

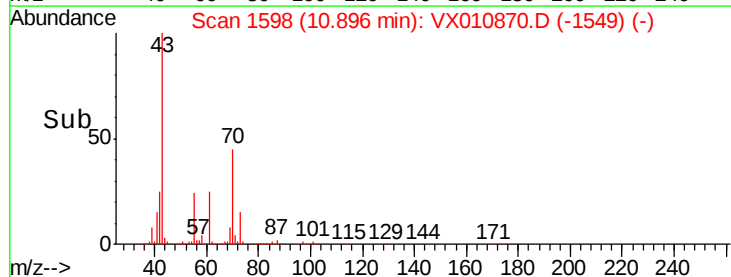
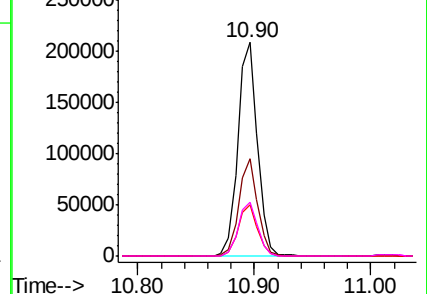


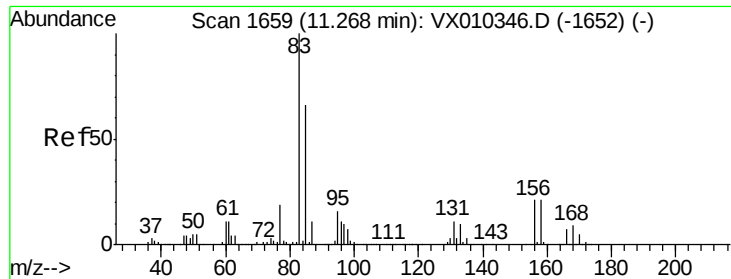
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 43.689 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX010870.D

Acq: 15 Jul 2019 08:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

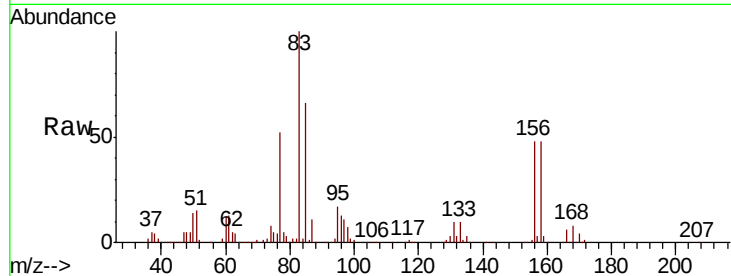
Tot Ion: 83 Resp: 195442

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.4

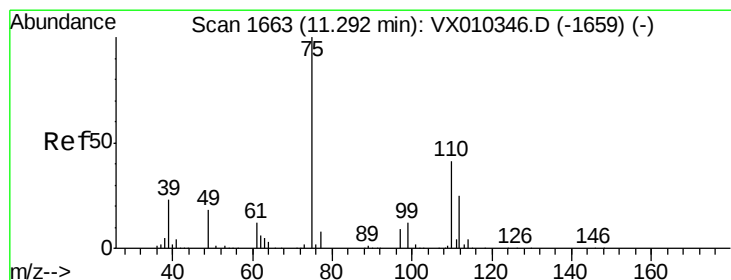
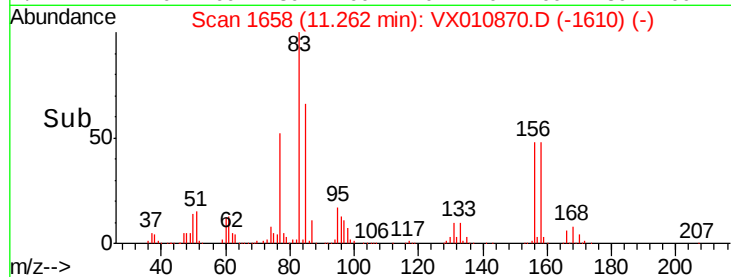
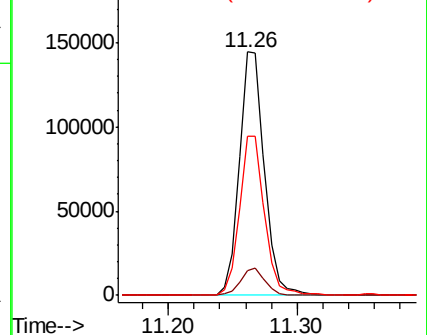
85 65.4 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 62.007 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010870.D

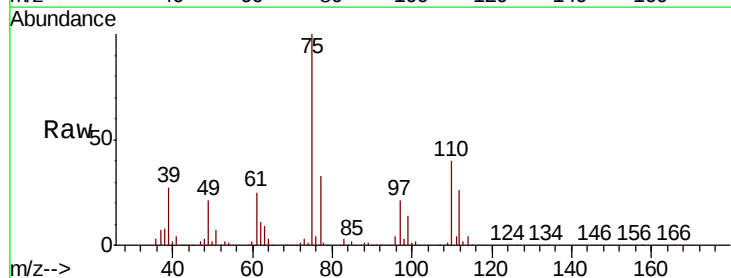
Acq: 15 Jul 2019 08:50

Tgt Ion: 75 Resp: 225161

Ion Ratio Lower Upper

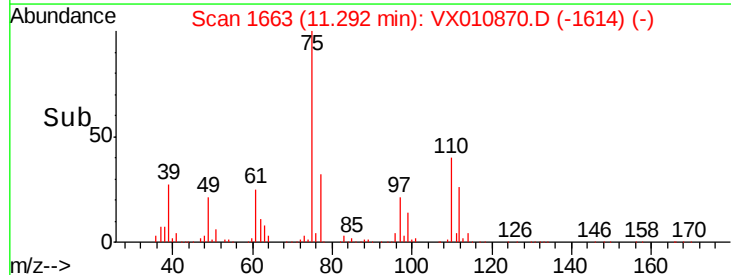
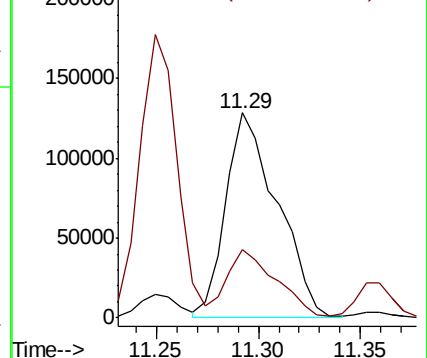
75 100

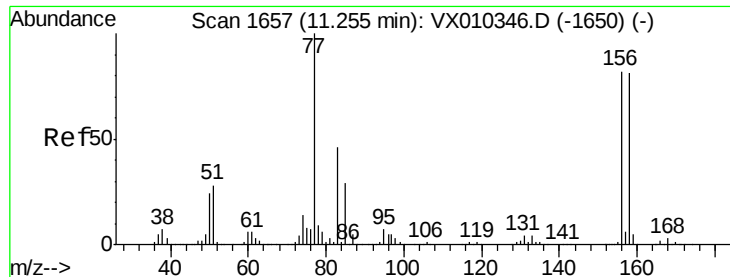
77 32.1 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 43.931 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010870.D

Acq: 15 Jul 2019 08:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

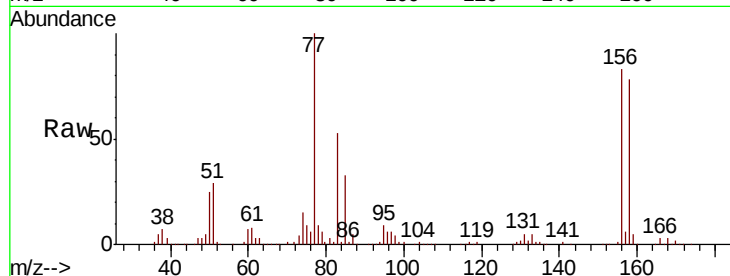
Tot Ion:156 Resp: 165702

Ion Ratio Lower Upper

156 100

77 136.3 66.3 198.7

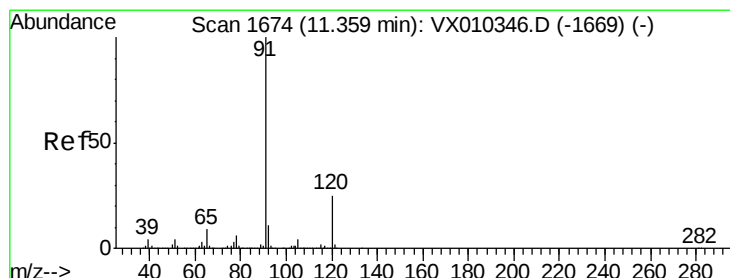
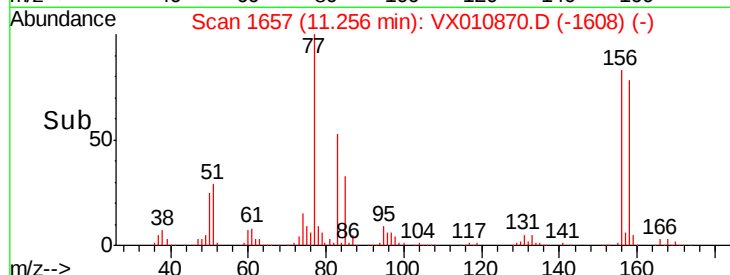
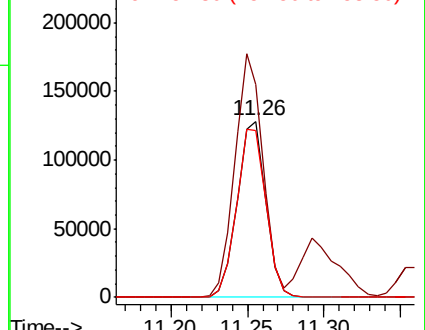
158 97.9 48.9 146.7



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: 46.844 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010870.D

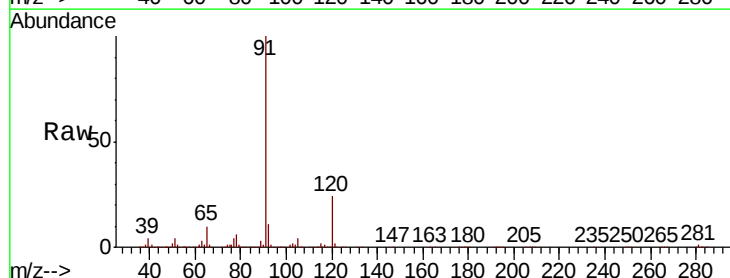
Acq: 15 Jul 2019 08:50

Tgt Ion: 91 Resp: 695447

Ion Ratio Lower Upper

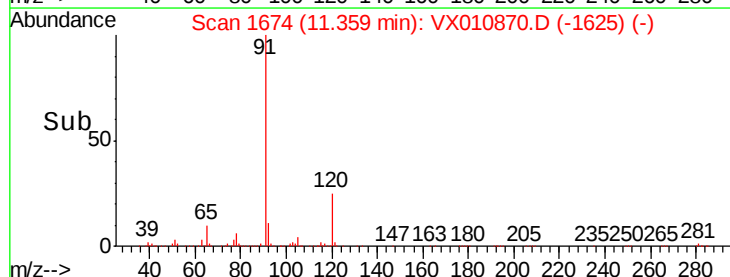
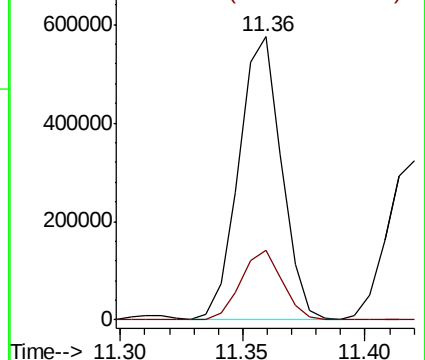
91 100

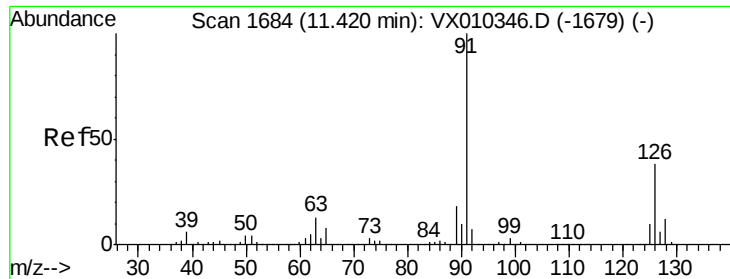
120 24.1 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.125 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010870.D

Acq: 15 Jul 2019 08:50

Instrument :

MSVOA_X

ClientSampleId :

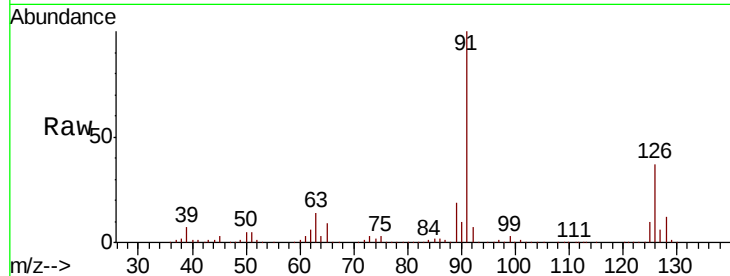
VSTDCCC050

Tot Ion: 91 Resp: 407766

Ion Ratio Lower Upper

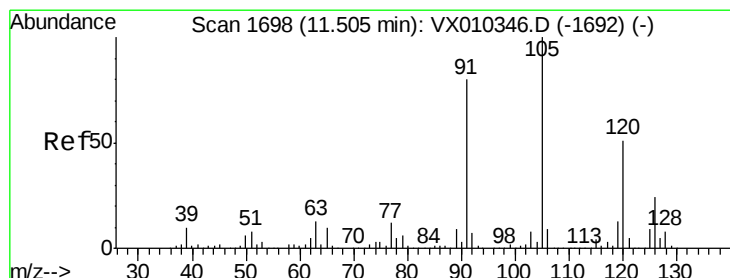
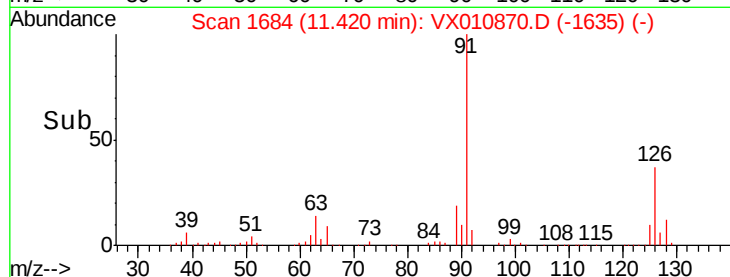
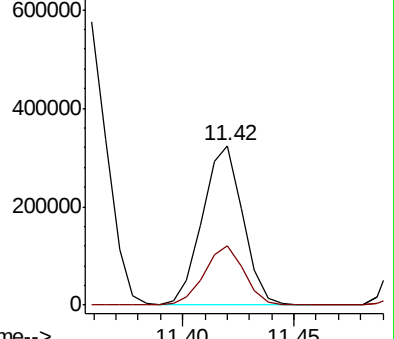
91 100

126 36.6 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 46.313 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010870.D

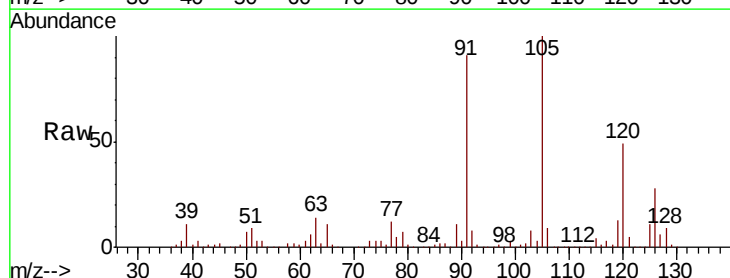
Acq: 15 Jul 2019 08:50

Tgt Ion: 105 Resp: 515725

Ion Ratio Lower Upper

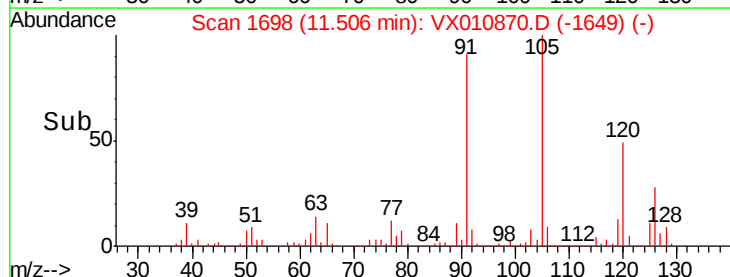
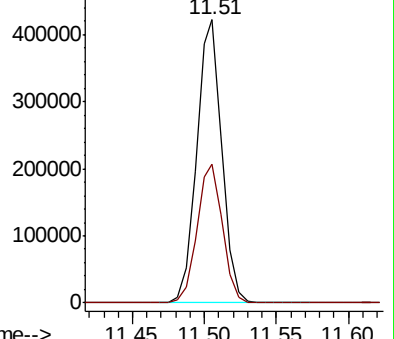
105 100

120 49.7 25.2 75.6



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: 41.799 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010870.D

Acq: 15 Jul 2019 08:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

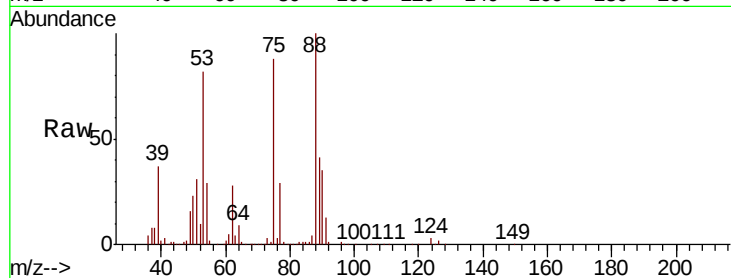
Tot Ion: 75 Resp: 65061

Ion Ratio Lower Upper

75 100

53 96.1 66.1 99.1

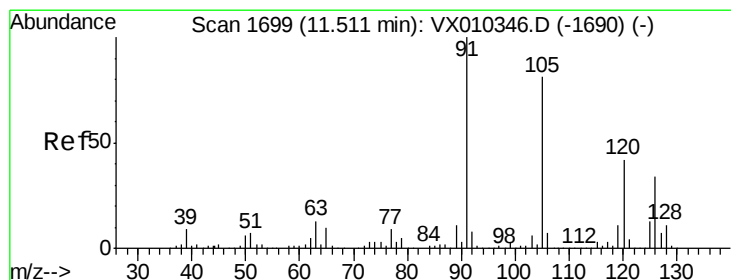
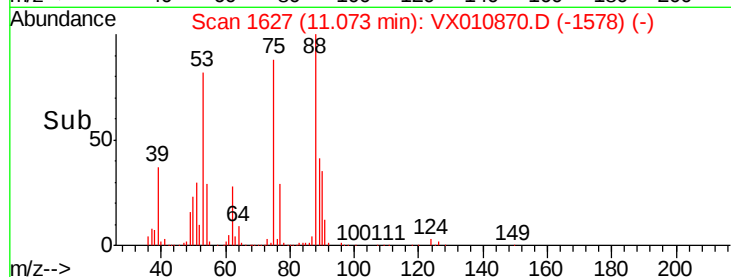
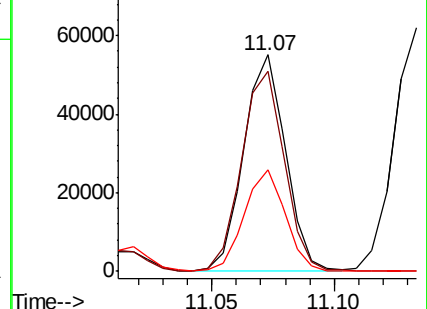
89 46.6 37.8 56.6



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: 47.756 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX010870.D

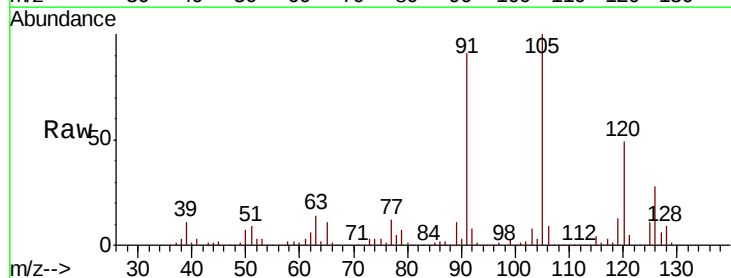
Acq: 15 Jul 2019 08:50

Tgt Ion: 91 Resp: 480400

Ion Ratio Lower Upper

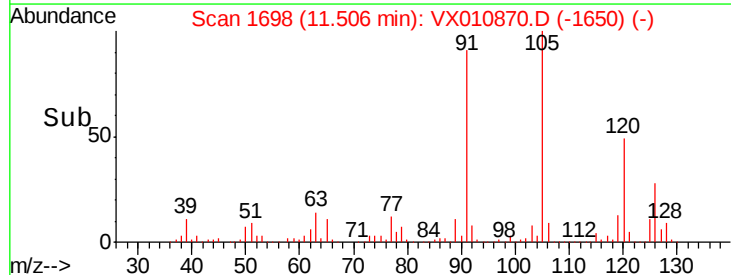
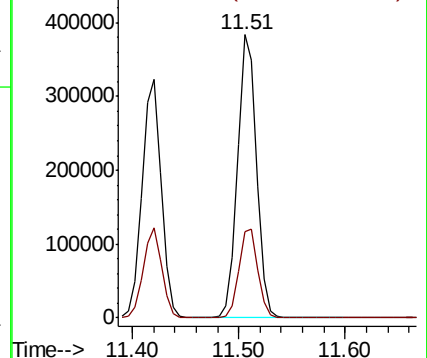
91 100

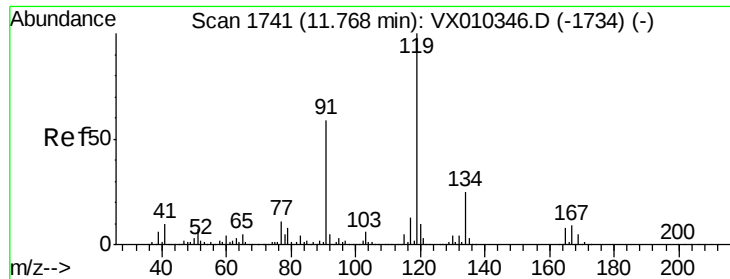
126 31.3 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

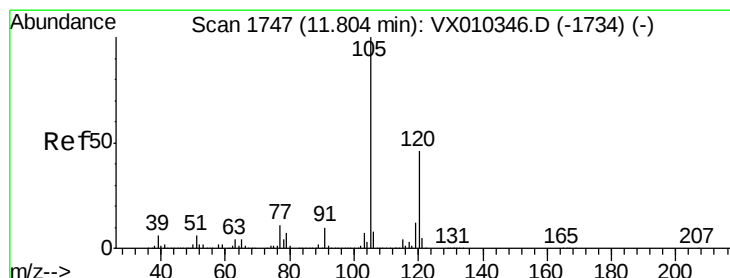
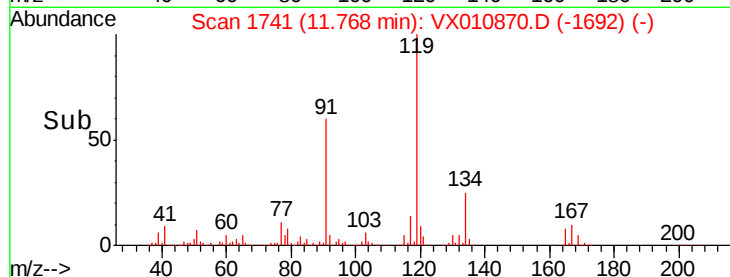
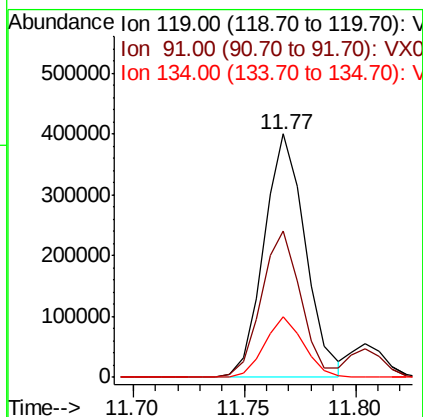
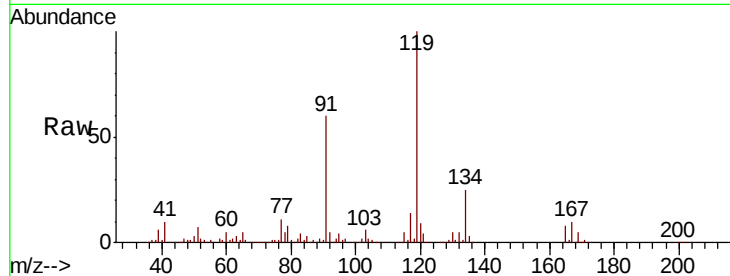




#83
 tert-Butylbenzene
 Concen: 46.240 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX010870.D
 Acq: 15 Jul 2019 08:50

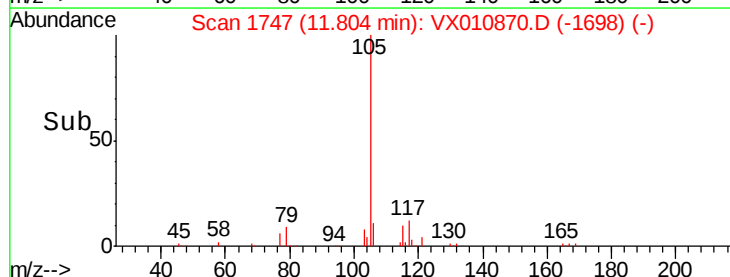
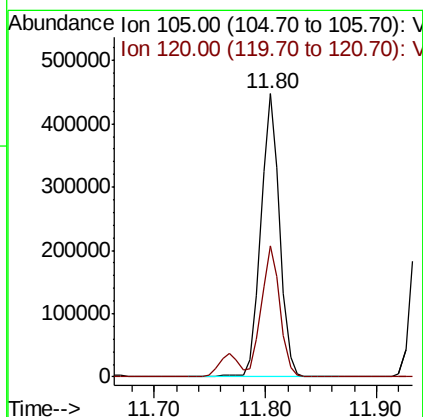
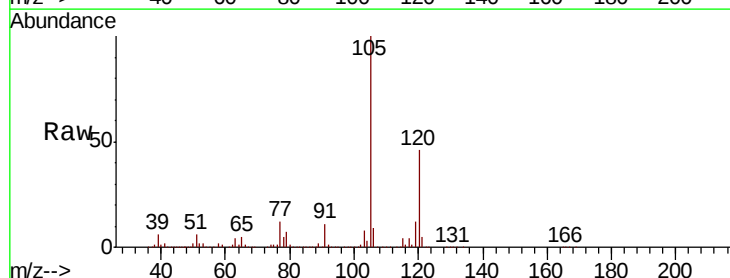
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:119 Resp: 516818
 Ion Ratio Lower Upper
 119 100
 91 57.7 27.6 82.7
 134 23.4 11.8 35.4



#84
 1,2,4-Trimethylbenzene
 Concen: 47.112 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010870.D
 Acq: 15 Jul 2019 08:50

Tgt Ion:105 Resp: 527090
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.1 69.2





#85

sec-Butylbenzene

Concen: 46.895 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010870.D

Acq: 15 Jul 2019 08:50

Instrument :

MSVOA_X

ClientSampleId :

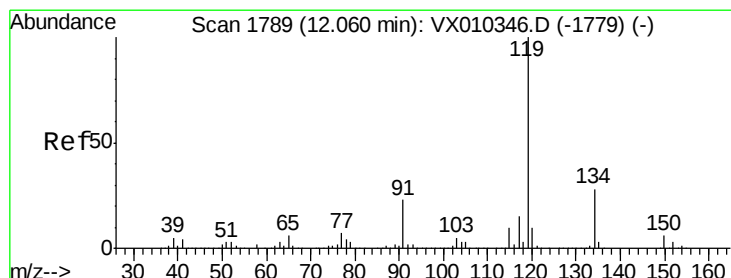
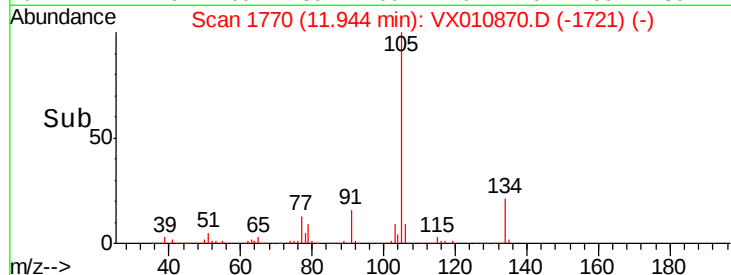
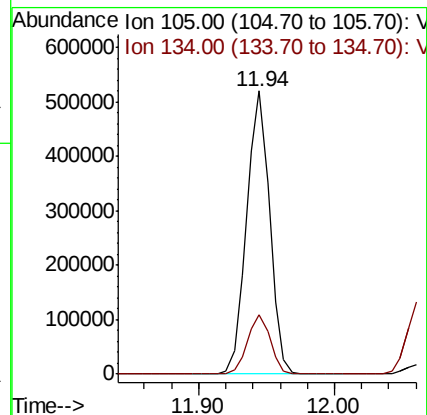
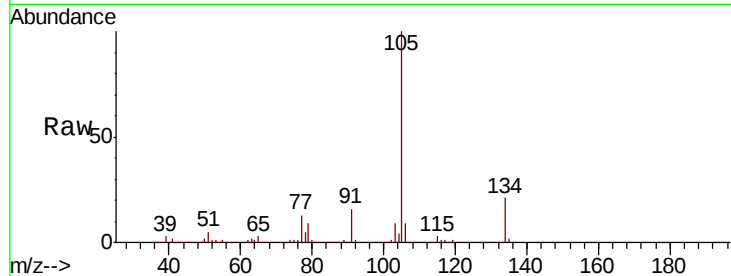
VSTDCCC050

Tot Ion:105 Resp: 615404

Ion Ratio Lower Upper

105 100

134 21.0 10.7 31.9



#86

p-Isopropyltoluene

Concen: 47.298 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010870.D

Acq: 15 Jul 2019 08:50

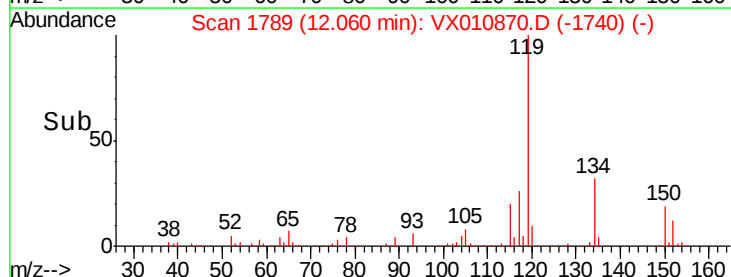
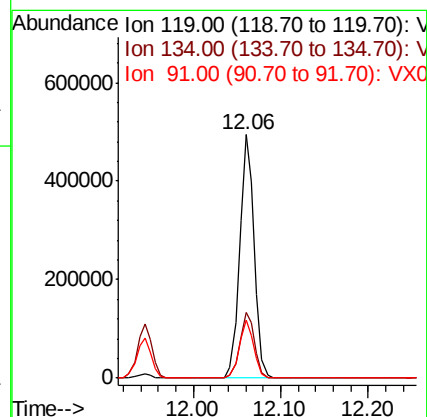
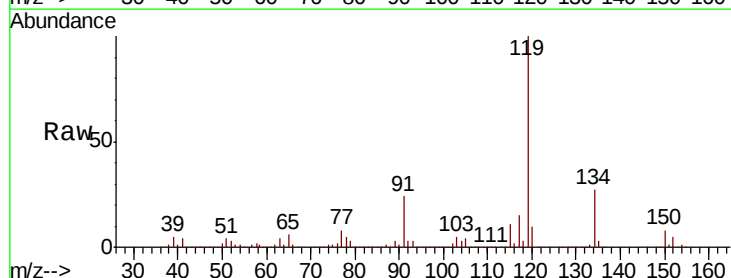
Tgt Ion:119 Resp: 574119

Ion Ratio Lower Upper

119 100

134 27.4 13.7 41.1

91 23.6 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 46.112 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX010870.D

Acq: 15 Jul 2019 08:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

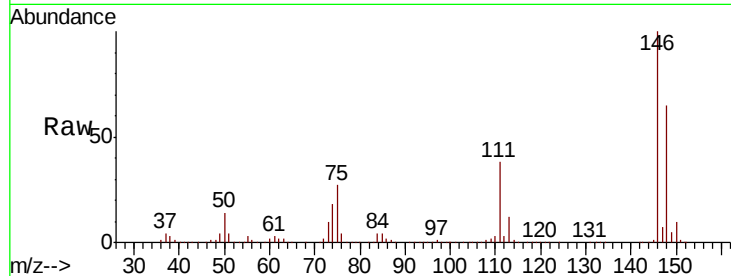
Tot Ion:146 Resp: 303603

Ion Ratio Lower Upper

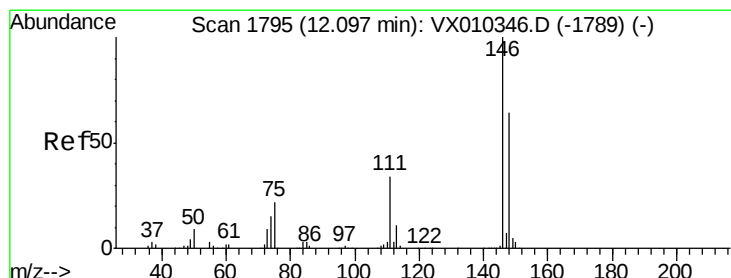
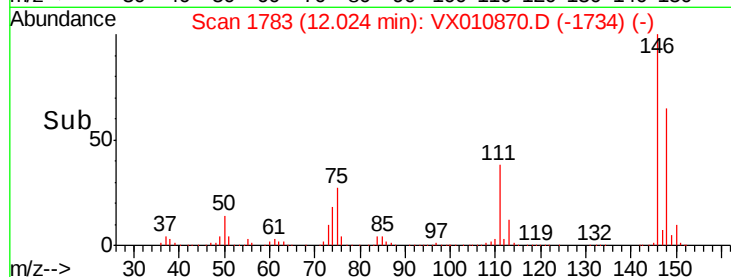
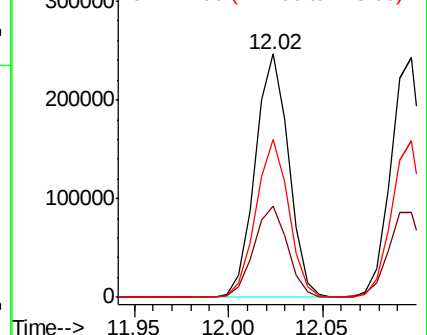
146 100

111 37.7 19.1 57.1

148 63.6 32.5 97.4



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: 44.553 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX010870.D

Acq: 15 Jul 2019 08:50

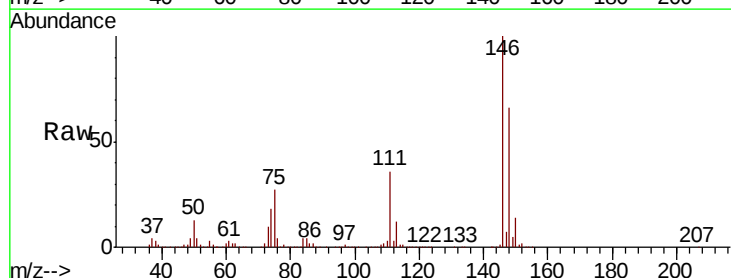
Tgt Ion:146 Resp: 298633

Ion Ratio Lower Upper

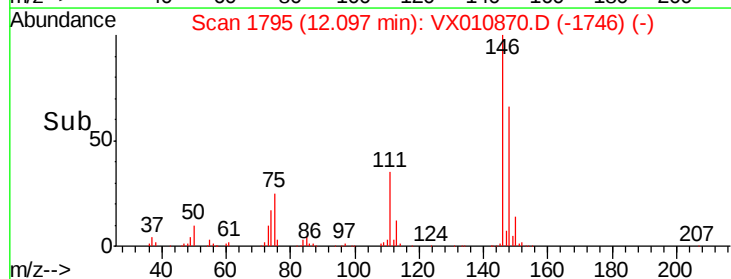
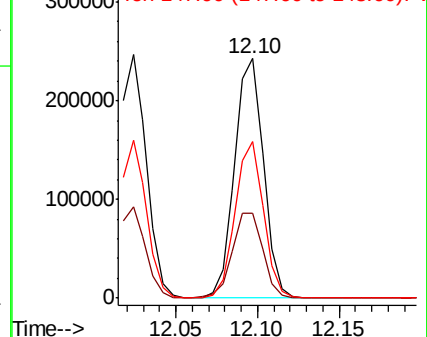
146 100

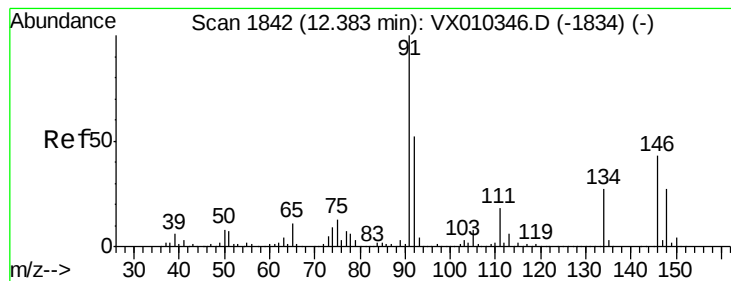
111 37.7 18.1 54.3

148 64.4 32.1 96.3



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





#89

n-Butylbenzene

Concen: 49.522 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX010870.D

Acq: 15 Jul 2019 08:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

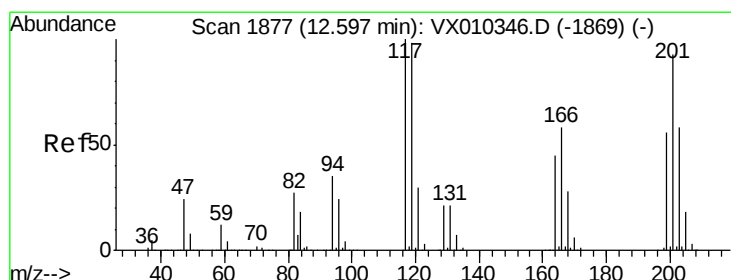
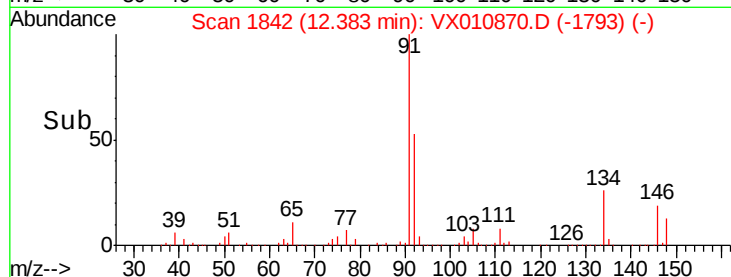
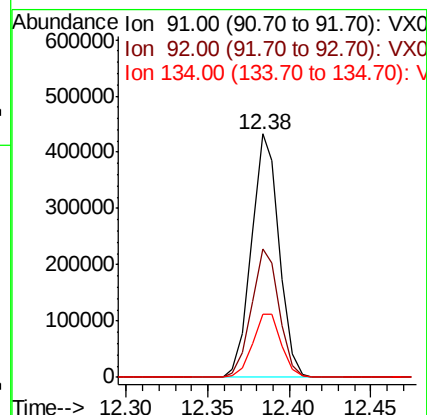
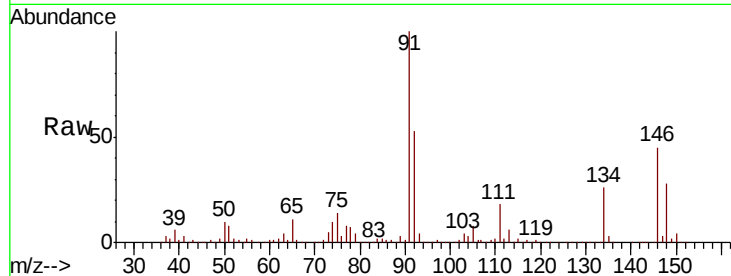
Tot Ion: 91 Resp: 510803

Ion Ratio Lower Upper

91 100

92 52.8 26.2 78.5

134 27.1 14.1 42.4



#90

Hexachloroethane

Concen: 46.251 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX010870.D

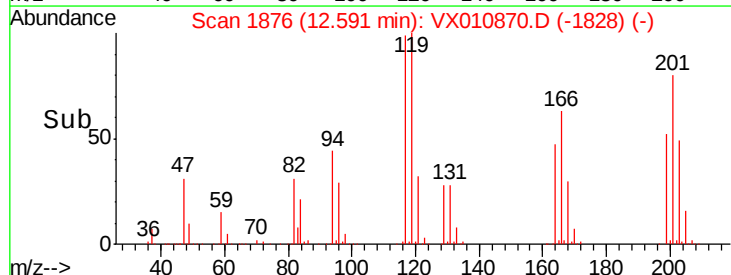
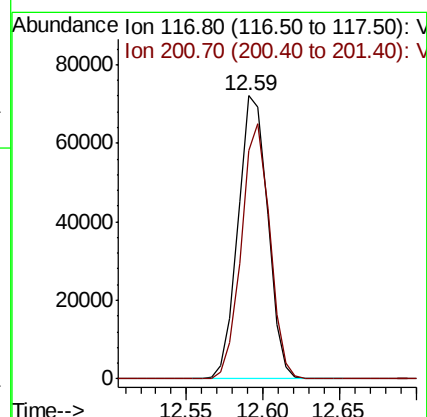
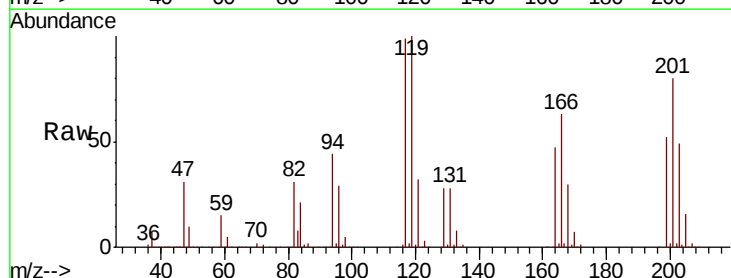
Acq: 15 Jul 2019 08:50

Tgt Ion: 117 Resp: 97075

Ion Ratio Lower Upper

117 100

201 86.1 44.0 131.8





#91

1,2-Dichlorobenzene

Concen: 44.663 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX010870.D

Acq: 15 Jul 2019 08:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

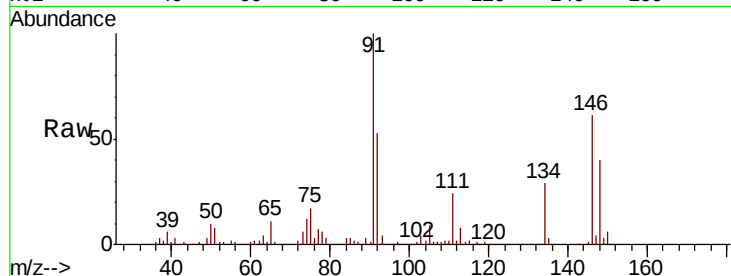
Tot Ion:146 Resp: 292257

Ion Ratio Lower Upper

146 100

111 39.8 19.2 57.6

148 64.8 32.0 96.0

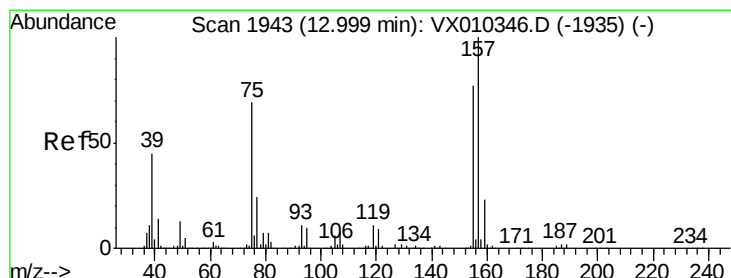
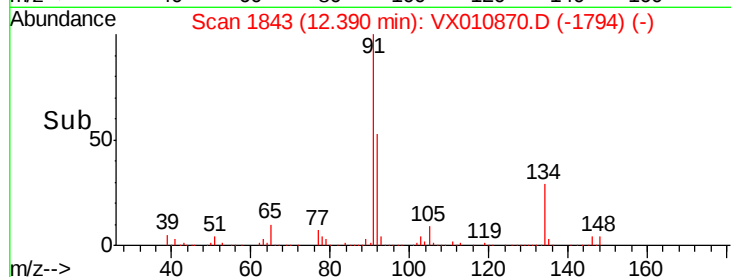
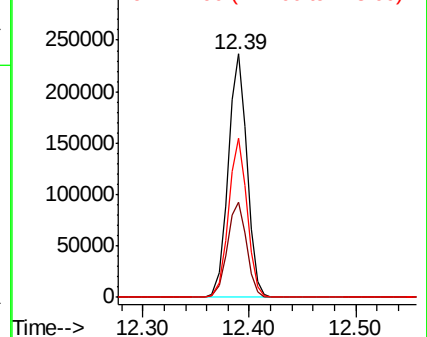


Abundance

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



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.900 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX010870.D

Acq: 15 Jul 2019 08:50

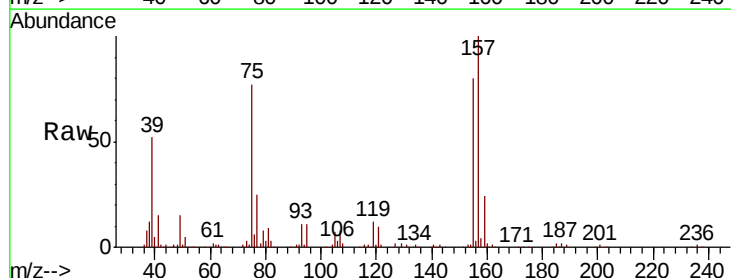
Tgt Ion: 75 Resp: 43306

Ion Ratio Lower Upper

75 100

155 99.2 54.4 163.1

157 125.0 69.5 208.3

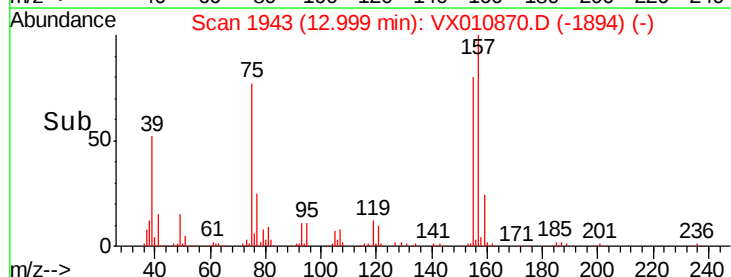
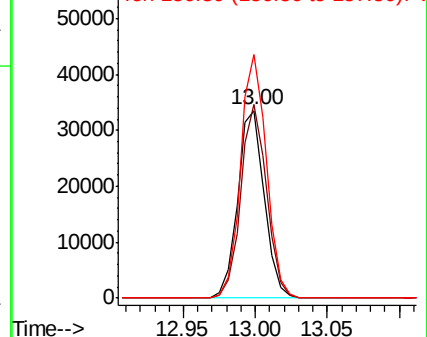


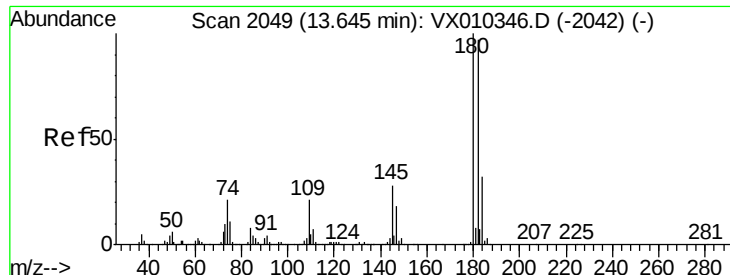
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

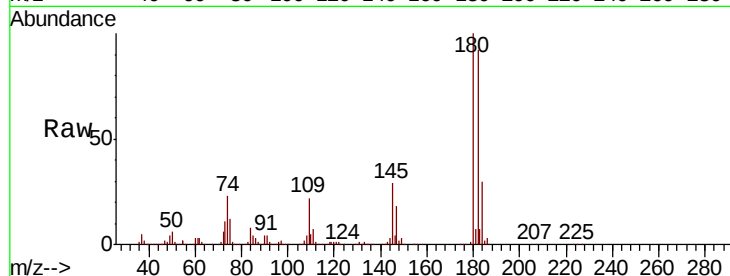




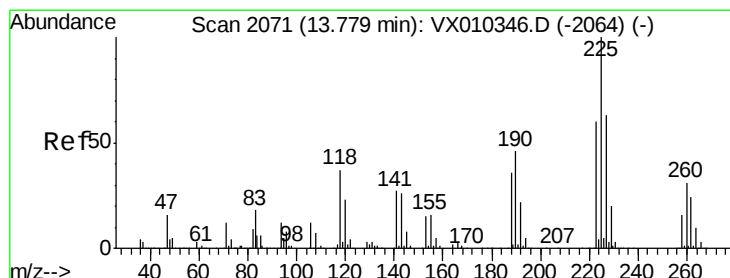
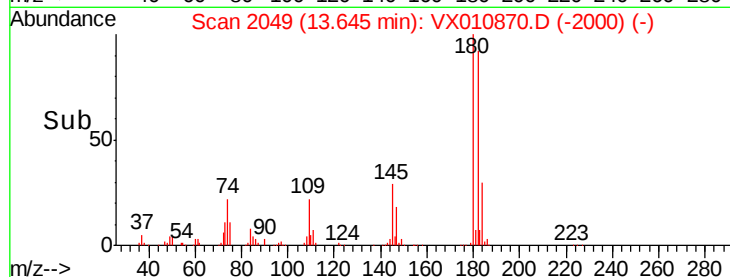
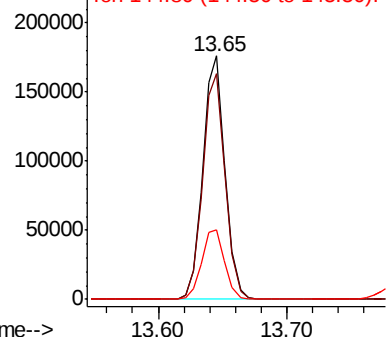
#93
1,2,4-Trichlorobenzene
Concen: 46.591 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VX010870.D
Acq: 15 Jul 2019 08:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:180 Resp: 211426
Ion Ratio Lower Upper
180 100
182 94.2 48.0 144.0
145 29.7 14.4 43.4

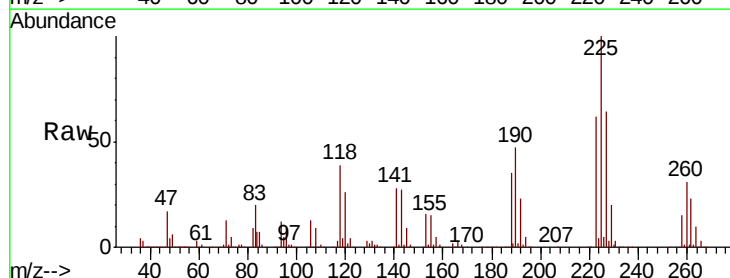


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

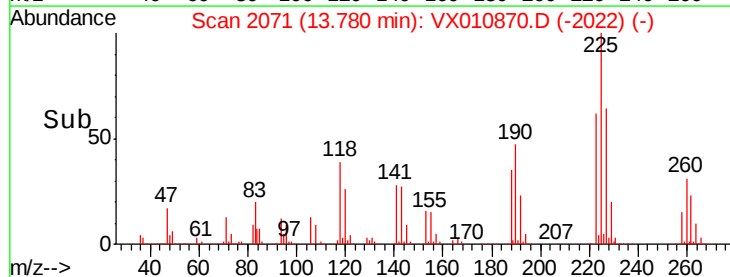
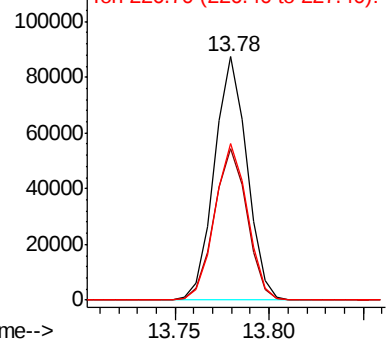


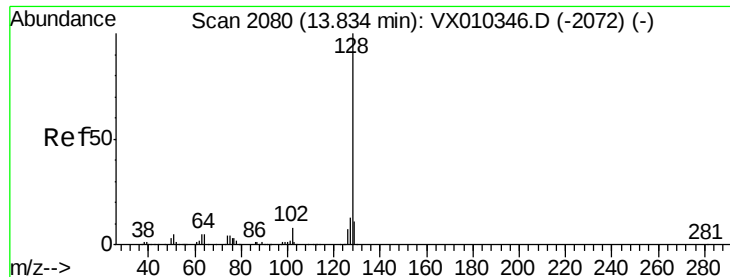
#94
Hexachlorobutadiene
Concen: 47.265 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. 0.00 min
Lab File: VX010870.D
Acq: 15 Jul 2019 08:50

Tgt Ion:225 Resp: 104827
Ion Ratio Lower Upper
225 100
223 62.8 30.9 92.7
227 64.4 31.9 95.5



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

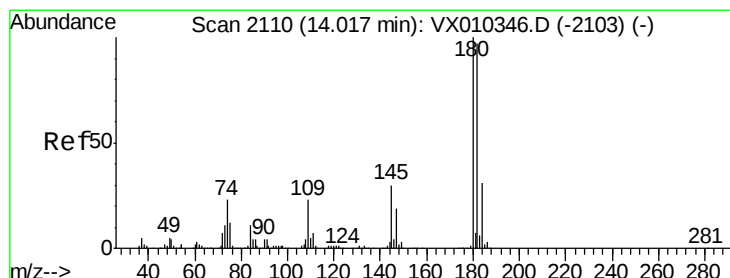
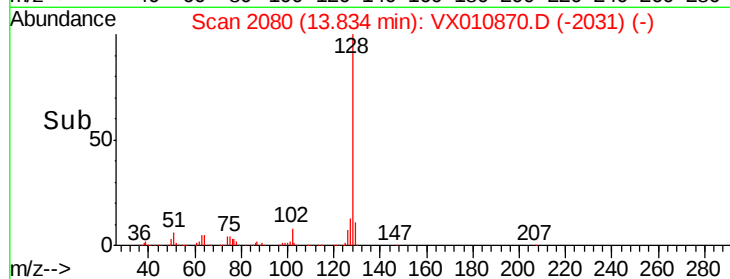
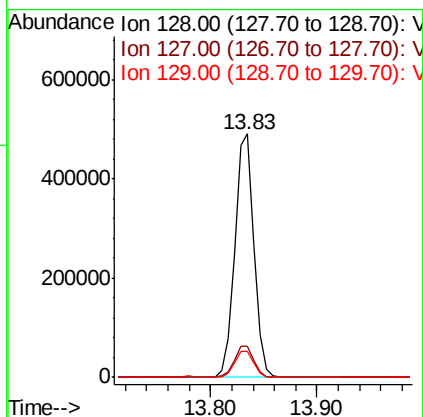
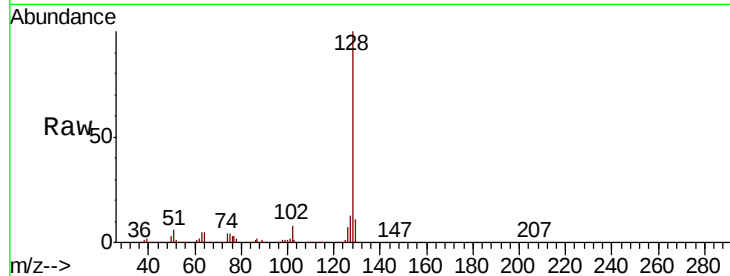




#95
Naphthalene
Concen: 44.051 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010870.D
Acq: 15 Jul 2019 08:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 614304
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.4
129 11.0 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 45.920 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX010870.D
Acq: 15 Jul 2019 08:50

Tgt Ion:180 Resp: 207184
Ion Ratio Lower Upper
180 100
182 96.1 47.8 143.3
145 31.3 15.2 45.6

