

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061219\
 Data File : VX010239.D
 Acq On : 12 Jun 2019 09:46
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 13 01:23:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	325003	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	475528	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	437190	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	229440	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	146179	46.08	ug/l	0.00
Spiked Amount			Recovery	=	92.16%	
35) Dibromofluoromethane	5.49	113	147033	50.13	ug/l	0.00
Spiked Amount			Recovery	=	100.26%	
50) Toluene-d8	8.71	98	563025	51.22	ug/l	0.00
Spiked Amount			Recovery	=	102.44%	
62) 4-Bromofluorobenzene	11.13	95	210582	51.29	ug/l	0.00
Spiked Amount			Recovery	=	102.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	153020	51.169	ug/l	99
3) Chloromethane	1.32	50	135165	45.512	ug/l	98
4) Vinyl Chloride	1.40	62	151938	54.433	ug/l	100
5) Bromomethane	1.64	94	60437	57.378	ug/l	97
6) Chloroethane	1.71	64	87932	62.482	ug/l	100
7) Trichlorofluoromethane	1.92	101	234866	56.645	ug/l	100
8) Diethyl Ether	2.18	74	82792	57.934	ug/l	79
9) 1,1,2-Trichlorotrifluoroet	2.38	101	140036	48.996	ug/l	92
10) Methyl Iodide	2.51	142	199563	45.066	ug/l	97
11) Tert butyl alcohol	3.04	59	184422	237.305	ug/l	99
12) 1,1-Dichloroethene	2.37	96	134112	45.941	ug/l #	80
13) Acrolein	2.29	56	38049	268.507	ug/l	96
14) Allyl chloride	2.73	41	199046	45.171	ug/l #	88
15) Acrylonitrile	3.14	53	376845	237.236	ug/l	99
16) Acetone	2.44	43	443069	296.941	ug/l #	88
17) Carbon Disulfide	2.57	76	358230	42.470	ug/l	99
18) Methyl Acetate	2.77	43	155644	47.431	ug/l #	83
19) Methyl tert-butyl Ether	3.19	73	438264	46.730	ug/l	94
20) Methylene Chloride	2.85	84	151420	46.208	ug/l #	78
21) trans-1,2-Dichloroethene	3.16	96	143718	44.487	ug/l #	79
22) Diisopropyl ether	3.85	45	410399	48.712	ug/l #	82
23) Vinyl Acetate	3.81	43	1814943	241.478	ug/l #	87
24) 1,1-Dichloroethane	3.69	63	237781	46.485	ug/l	95
25) 2-Butanone	4.67	43	593597	267.159	ug/l #	81
26) 2,2-Dichloropropane	4.58	77	218157	46.749	ug/l	94
27) cis-1,2-Dichloroethene	4.59	96	170899	47.552	ug/l	78
28) Bromochloromethane	5.01	49	106208	46.328	ug/l #	48
29) Tetrahydrofuran	5.12	42	331229	237.210	ug/l #	76
30) Chloroform	5.21	83	252371	47.506	ug/l	99
31) Cyclohexane	5.57	56	222029	48.094	ug/l #	75
32) 1,1,1-Trichloroethane	5.49	97	230803	46.214	ug/l #	93
36) 1,1-Dichloropropene	5.79	75	187765	48.398	ug/l	91
37) Ethyl Acetate	4.83	43	194384	48.155	ug/l #	92
38) Carbon Tetrachloride	5.78	117	212792	48.458	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	259291	49.082	ug/l #	82
40) Benzene	6.14	78	590184	49.197	ug/l	98
41) Methacrylonitrile	5.04	41	105407	48.274	ug/l #	83
42) 1,2-Dichloroethane	6.19	62	181342	47.350	ug/l	93
43) Isopropyl Acetate	6.44	43	326478	48.373	ug/l #	89
44) Trichloroethene	7.21	130	178464	49.353	ug/l	86
45) 1,2-Dichloropropane	7.51	63	147632	49.168	ug/l	98
46) Dibromomethane	7.66	93	107330	47.713	ug/l	90
47) Bromodichloromethane	7.89	83	206245	49.066	ug/l	99
48) Methyl methacrylate	7.76	41	153882	48.753	ug/l #	77
49) 1,4-Dioxane	7.73	88	88168	979.729	ug/l #	78
51) 4-Methyl-2-Pentanone	8.64	43	1042166	258.477	ug/l	90
52) Toluene	8.78	92	393026	49.840	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	233451	48.016	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	252104	48.368	ug/l #	87
55) 1,1,2-Trichloroethane	9.21	97	166744	51.630	ug/l	95
56) Ethyl methacrylate	9.18	69	256292	50.238	ug/l #	82
57) 1,3-Dichloropropane	9.37	76	249141	49.001	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	562386	233.838	ug/l #	86
59) 2-Hexanone	9.49	43	859874	267.481	ug/l	87
60) Dibromochloromethane	9.58	129	194506	50.917	ug/l	100
61) 1,2-Dibromoethane	9.67	107	178028	49.495	ug/l	100
64) Tetrachloroethene	9.34	164	163719	50.420	ug/l	95
65) Chlorobenzene	10.13	112	449580	49.825	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	173087	49.881	ug/l	100
67) Ethyl Benzene	10.25	91	767858	49.988	ug/l	94
68) m/p-Xylenes	10.35	106	601392	101.174	ug/l	90
69) o-Xylene	10.69	106	294794	49.891	ug/l	89
70) Styrene	10.71	104	510541	51.016	ug/l	94
71) Bromoform	10.85	173	162497	50.939	ug/l #	98
73) Isopropylbenzene	11.02	105	784279	48.967	ug/l	95
74) N-amyl acetate	10.90	43	302315	47.750	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.26	83	260670	47.545	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	302725	65.964	ug/l	82
77) Bromobenzene	11.25	156	215344	48.892	ug/l	81
78) n-propylbenzene	11.36	91	884676	49.615	ug/l	94
79) 2-Chlorotoluene	11.42	91	514363	48.030	ug/l	90
80) 1,3,5-Trimethylbenzene	11.51	105	659037	48.853	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	97201	46.796	ug/l #	83
82) 4-Chlorotoluene	11.51	91	589723	48.476	ug/l	90
83) tert-Butylbenzene	11.77	119	673790	49.348	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	668394	49.052	ug/l	95
85) sec-Butylbenzene	11.94	105	793948	49.911	ug/l	95
86) p-Isopropyltoluene	12.06	119	735896	50.604	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	387679	49.971	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	387703	49.574	ug/l	97
89) n-Butylbenzene	12.38	91	640644	51.179	ug/l	96
90) Hexachloroethane	12.59	117	138756	47.899	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	377742	50.084	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	55302	42.865	ug/l	62

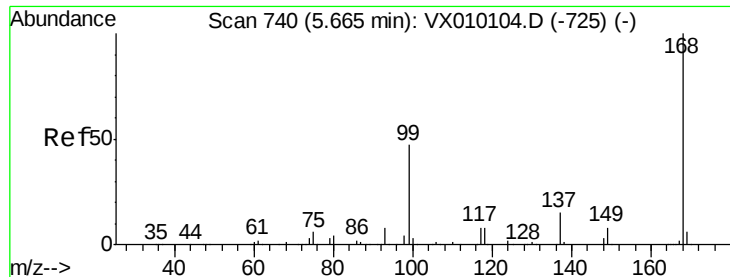
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061219\
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Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	275644	49.928	ug/l	99
94) Hexachlorobutadiene	13.78	225	134631	54.833	ug/l	98
95) Naphthalene	13.83	128	846468	48.706	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	274008	50.196	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: VX010239.D

Acq: 12 Jun 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

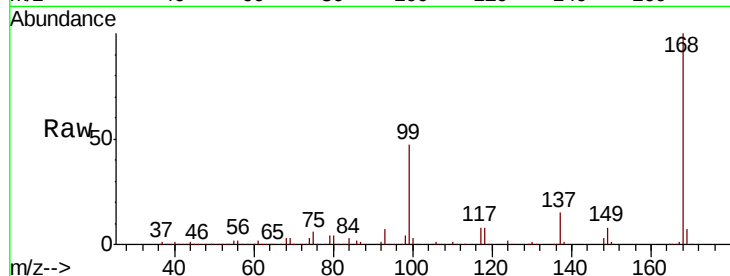
VSTDCCC050

Tot Ion:168 Resp: 325003

Ion Ratio Lower Upper

168 100

99 46.5 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

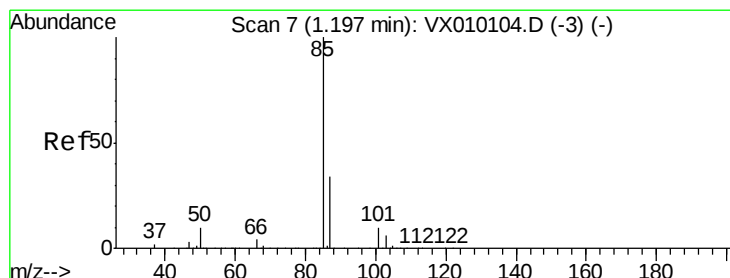
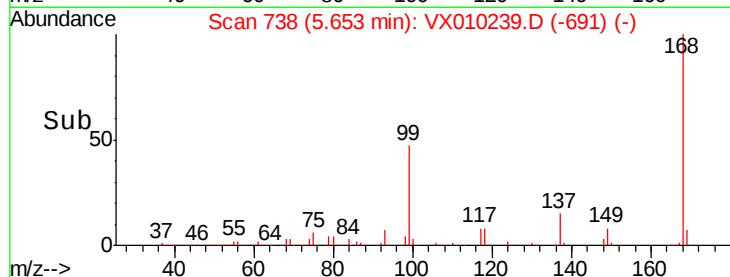
5.65

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 51.169 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010239.D

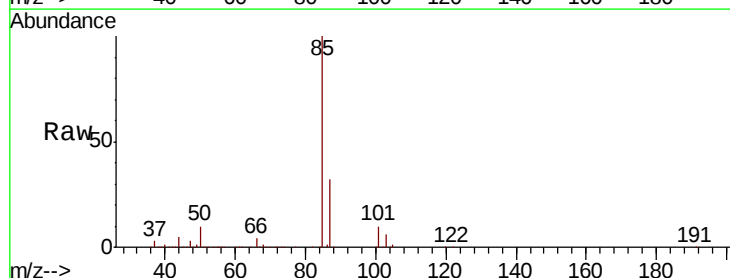
Acq: 12 Jun 2019 09:46

Tgt Ion: 85 Resp: 153020

Ion Ratio Lower Upper

85 100

87 31.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

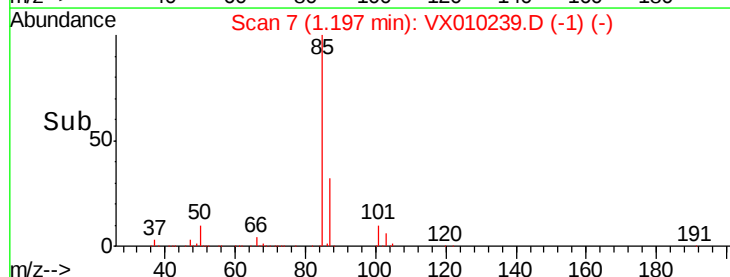
150000

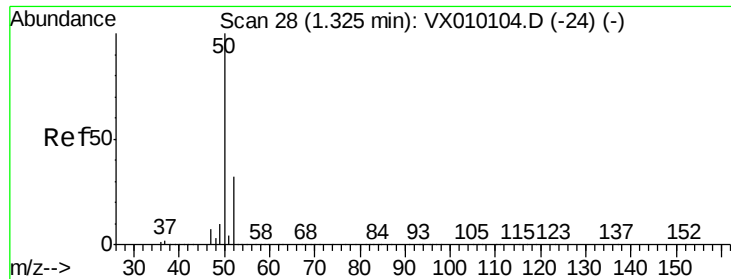
100000

50000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 45.512 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

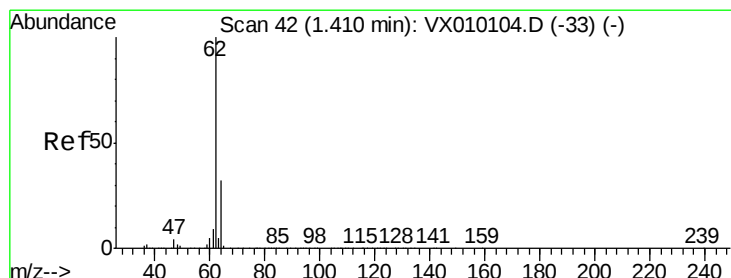
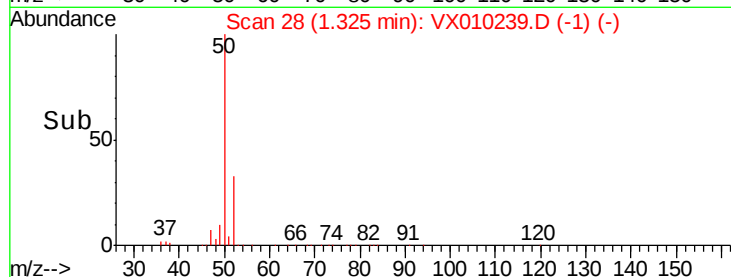
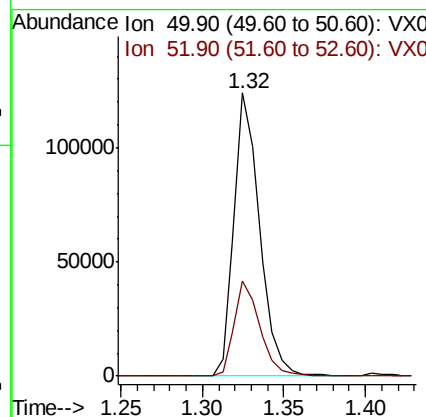
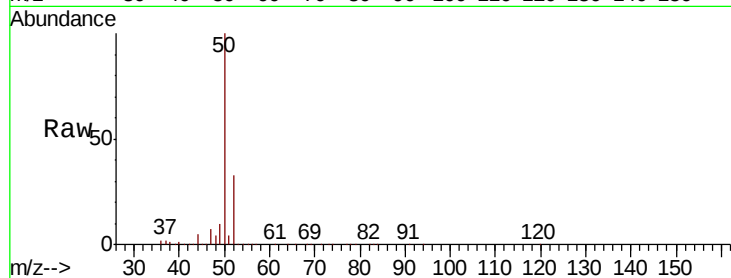
VSTDCCC050

Tot Ion: 50 Resp: 135165

Ion Ratio Lower Upper

50 100

52 33.5 26.0 39.0



#4

Vinyl Chloride

Concen: 54.433 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX010239.D

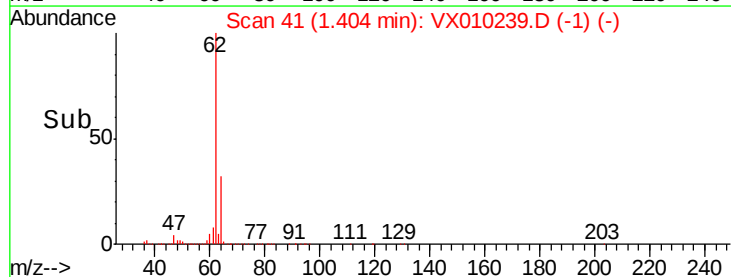
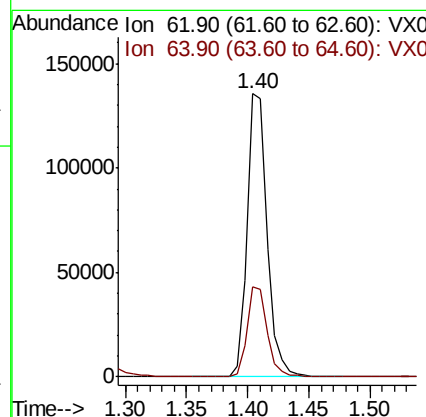
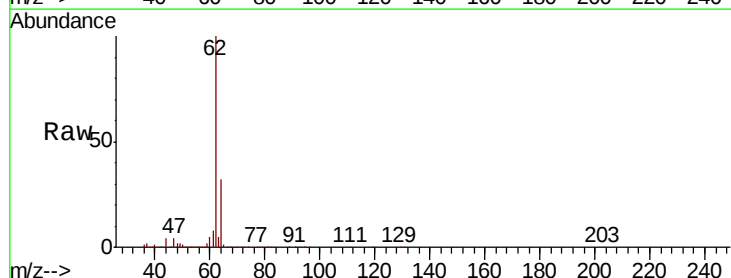
Acq: 12 Jun 2019 09:46

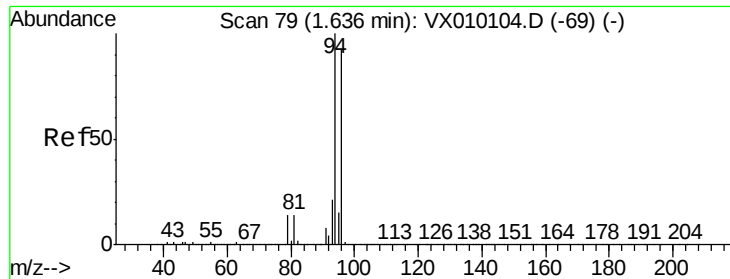
Tgt Ion: 62 Resp: 151938

Ion Ratio Lower Upper

62 100

64 31.9 25.7 38.5





#5

Bromomethane

Concen: 57.378 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

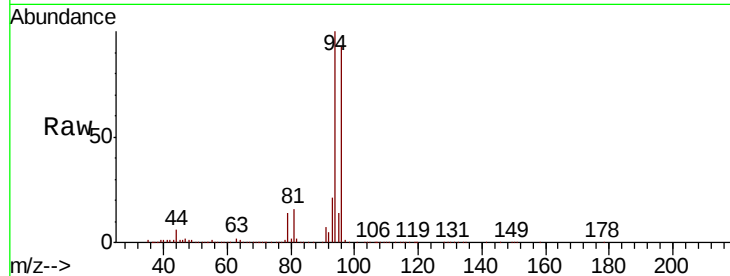
VSTDCCC050

Tot Ion: 94 Resp: 60437

Ion Ratio Lower Upper

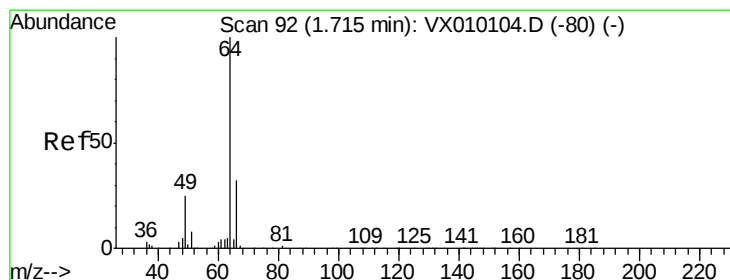
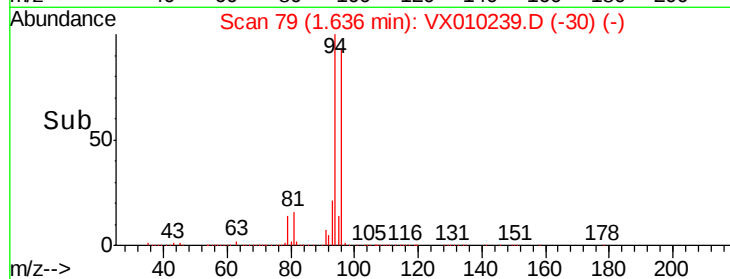
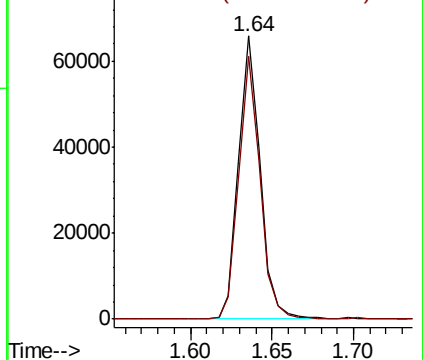
94 100

96 92.8 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 62.482 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010239.D

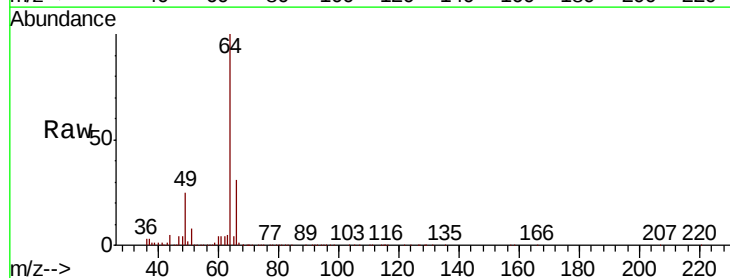
Acq: 12 Jun 2019 09:46

Tgt Ion: 64 Resp: 87932

Ion Ratio Lower Upper

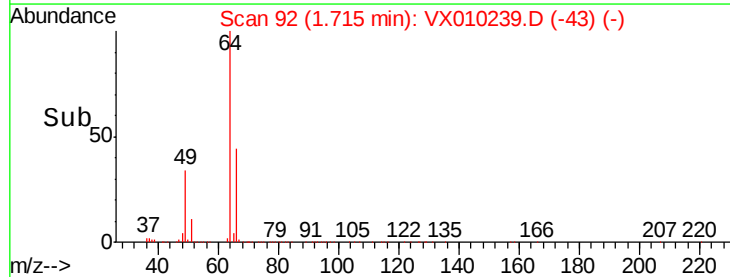
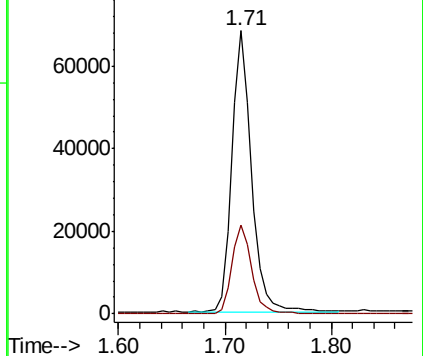
64 100

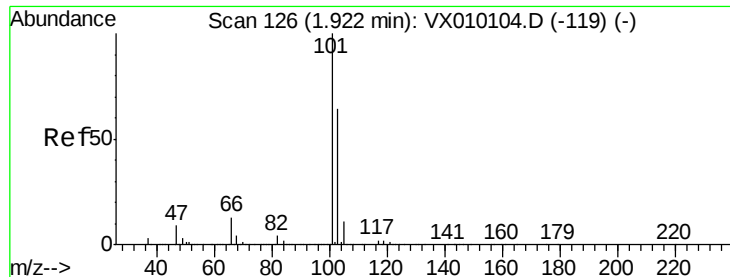
66 31.4 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



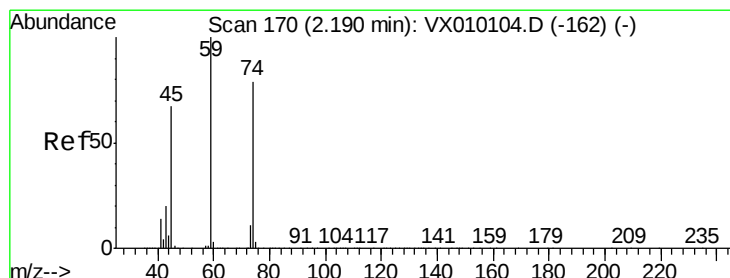
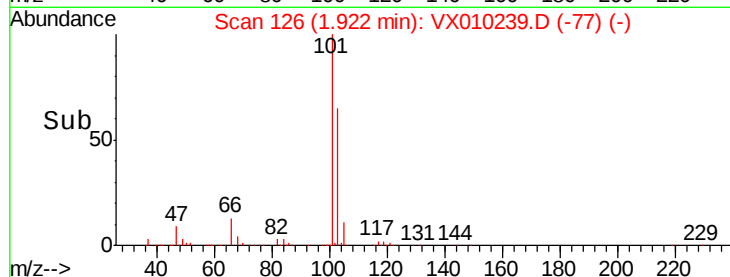
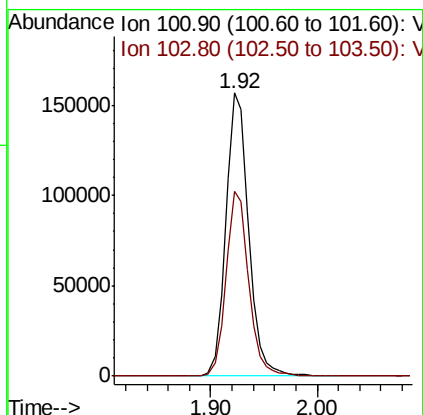
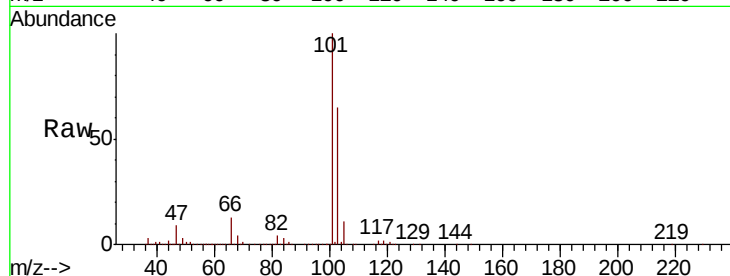


#7

Trichlorofluoromethane
 Concen: 56.645 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX010239.D
 Acq: 12 Jun 2019 09:46

Instrument :
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 VSTDCCC050

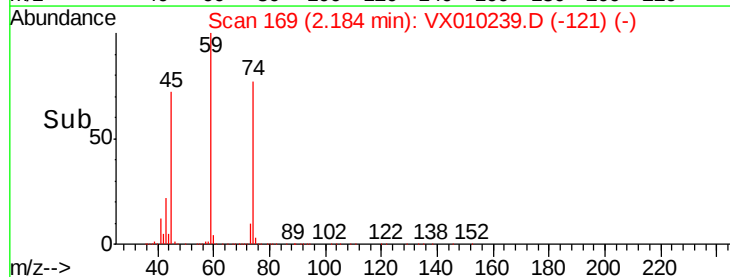
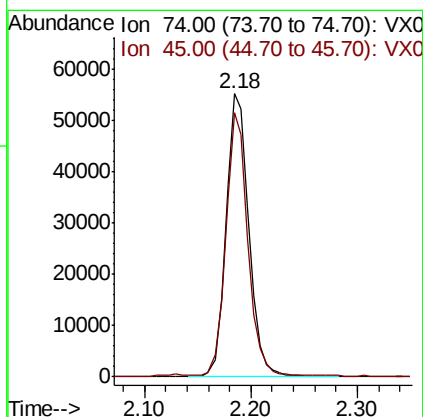
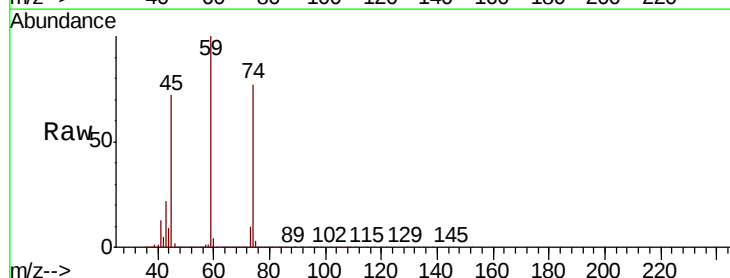
Tot Ion:101 Resp: 234866
 Ion Ratio Lower Upper
 101 100
 103 65.3 52.2 78.4

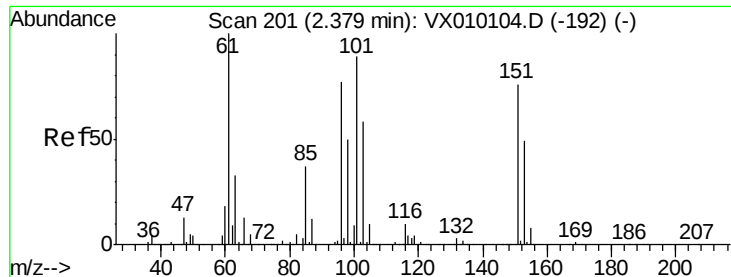


#8

Diethyl Ether
 Concen: 57.934 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.01 min
 Lab File: VX010239.D
 Acq: 12 Jun 2019 09:46

Tgt Ion: 74 Resp: 82792
 Ion Ratio Lower Upper
 74 100
 45 90.0 56.1 168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.996 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

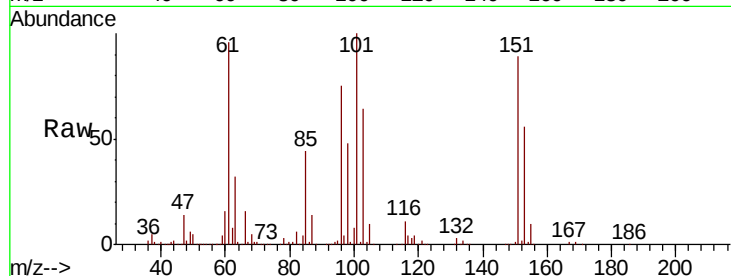
Tot Ion:101 Resp: 140036

Ion Ratio Lower Upper

101 100

85 42.0 35.2 52.8

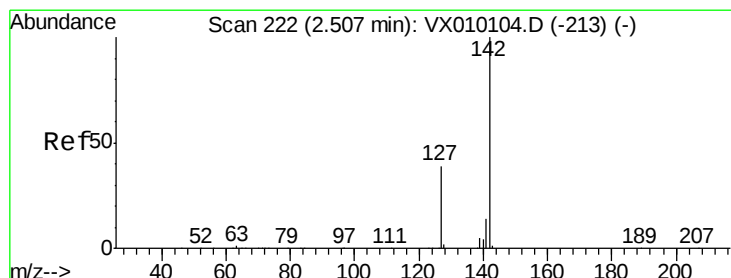
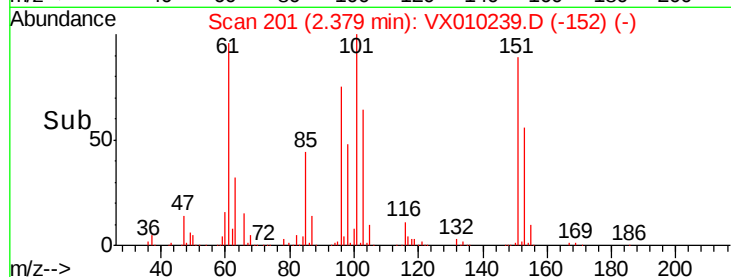
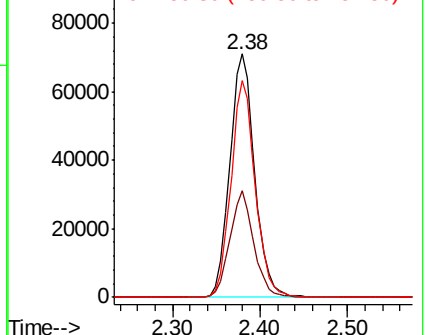
151 86.9 61.9 92.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.066 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

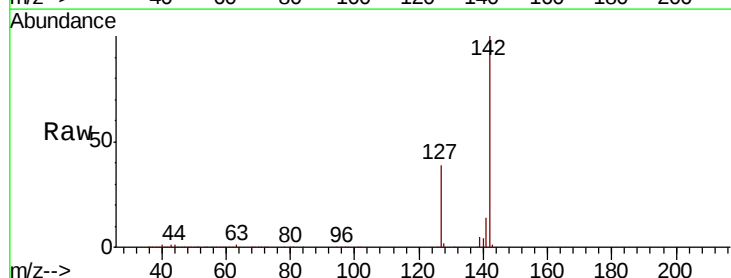
Tgt Ion:142 Resp: 199563

Ion Ratio Lower Upper

142 100

127 38.8 33.0 49.4

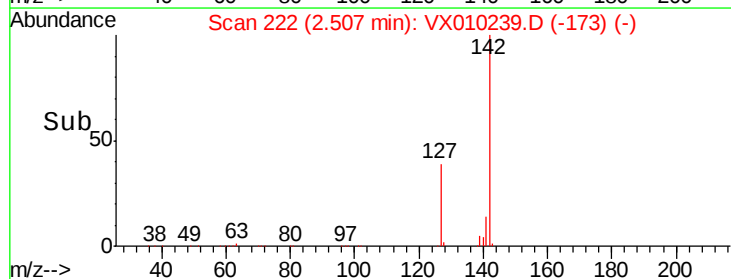
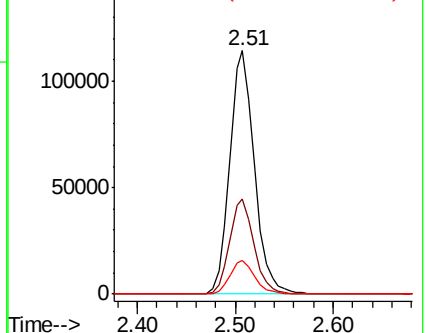
141 14.0 11.4 17.0

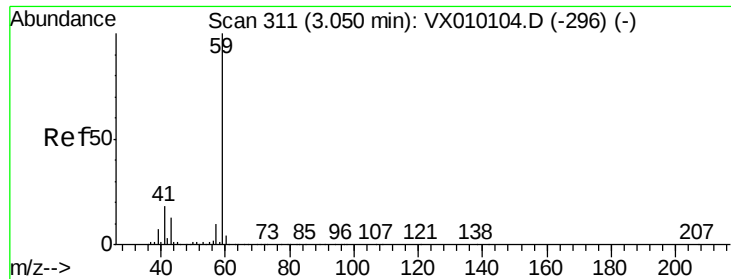


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



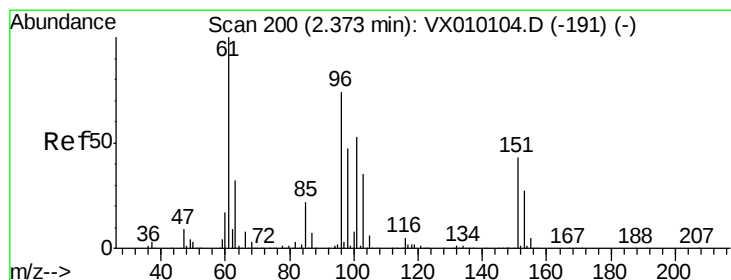
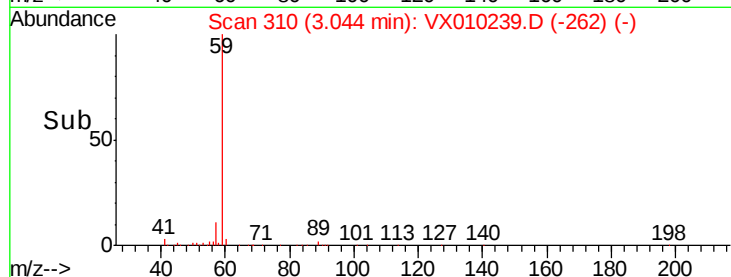
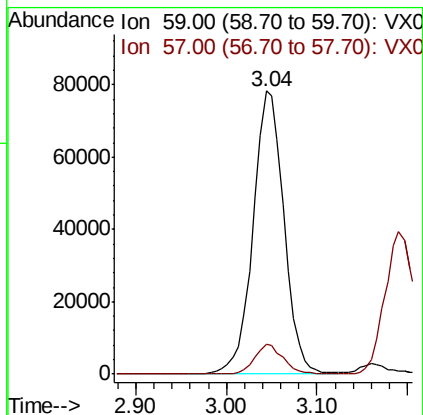
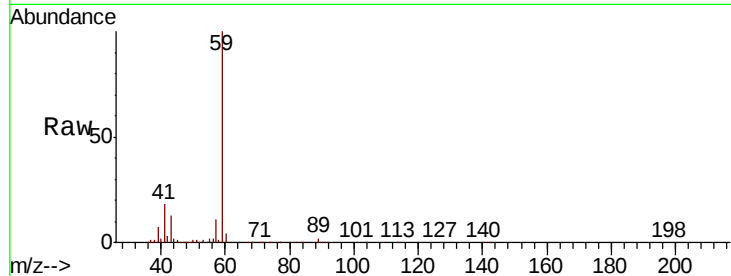


#11

Tert butyl alcohol
Concen: 237.305 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010239.D
Acq: 12 Jun 2019 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

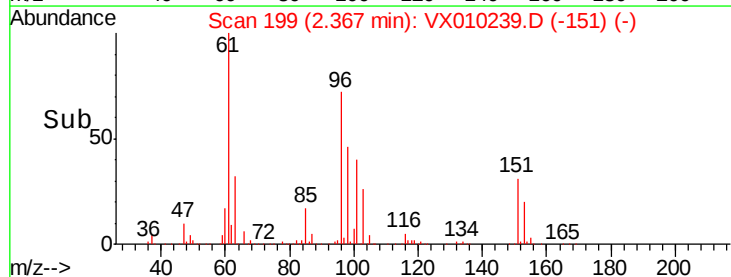
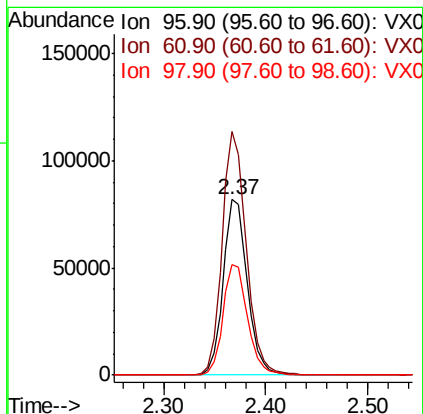
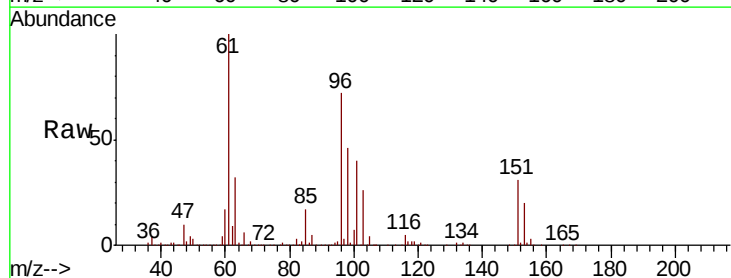
Tot Ion: 59 Resp: 184422
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.2

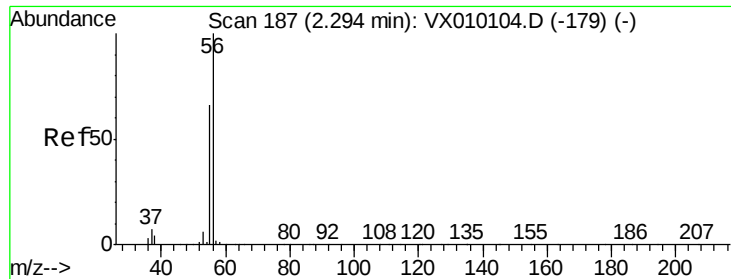


#12

1,1-Dichloroethene
Concen: 45.941 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX010239.D
Acq: 12 Jun 2019 09:46

Tgt Ion: 96 Resp: 134112
Ion Ratio Lower Upper
96 100
61 138.9 140.7 211.1#
98 63.4 50.1 75.1





#13

Acrolein

Concen: 268.507 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

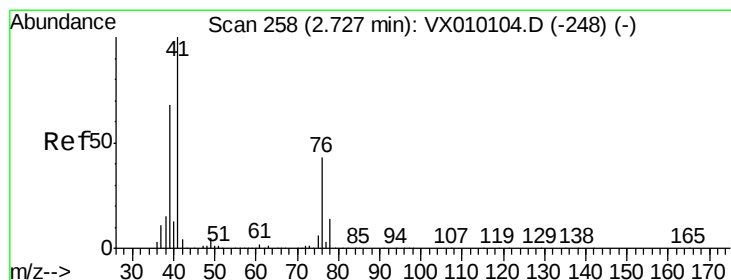
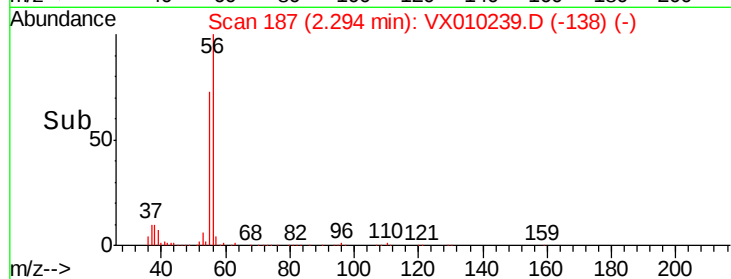
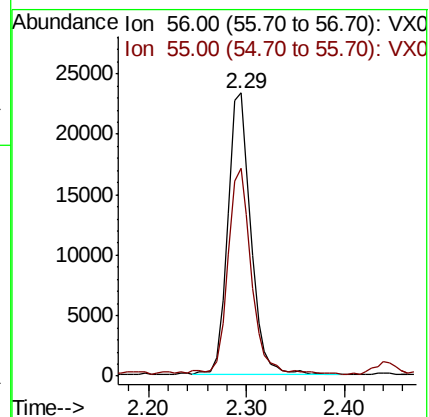
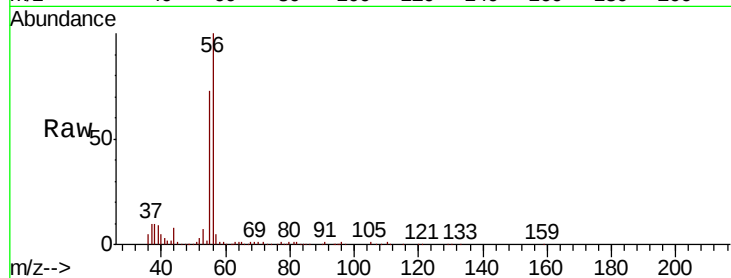
VSTDCCC050

Tot Ion: 56 Resp: 38049

Ion Ratio Lower Upper

56 100

55 74.9 57.0 85.4



#14

Allyl chloride

Concen: 45.171 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

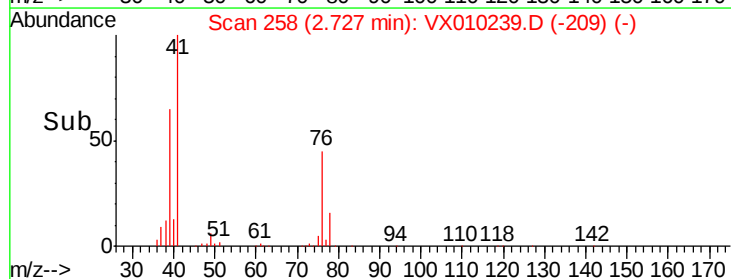
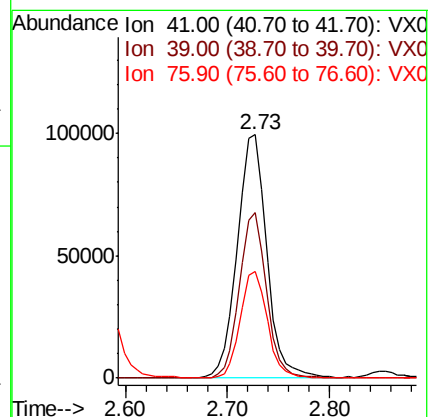
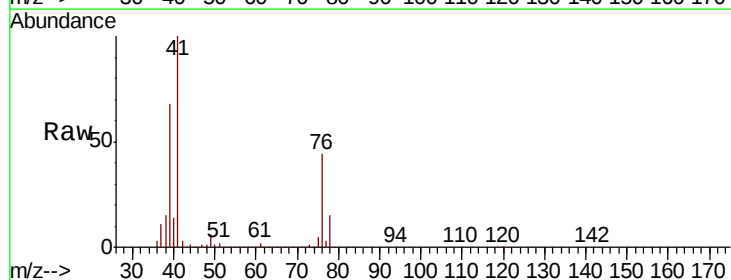
Tgt Ion: 41 Resp: 199046

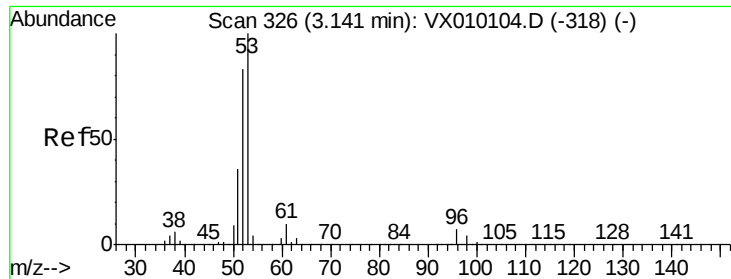
Ion Ratio Lower Upper

41 100

39 62.4 46.7 70.1

76 39.8 21.0 31.4#





#15

Acrylonitrile

Concen: 237.236 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

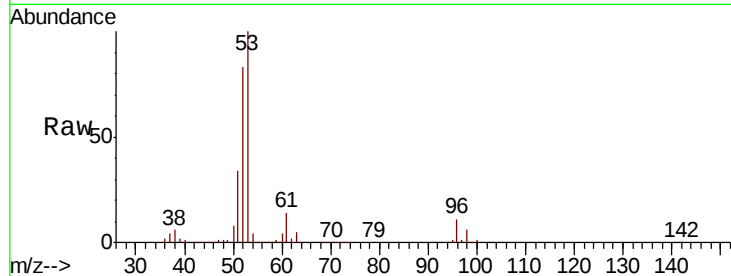
Tot Ion: 53 Resp: 376845

Ion Ratio Lower Upper

53 100

52 82.7 66.7 100.1

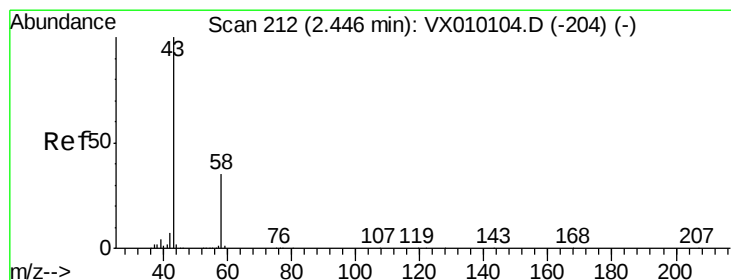
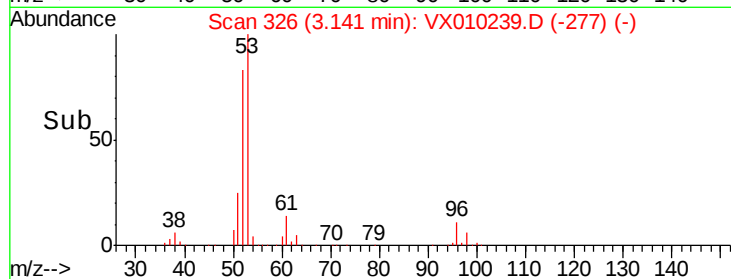
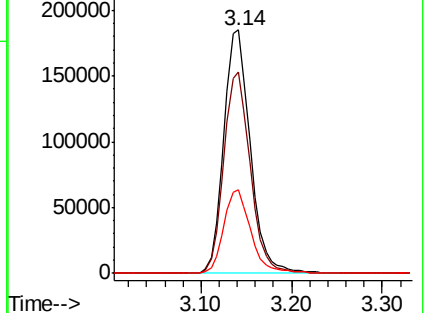
51 34.8 28.8 43.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 296.941 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010239.D

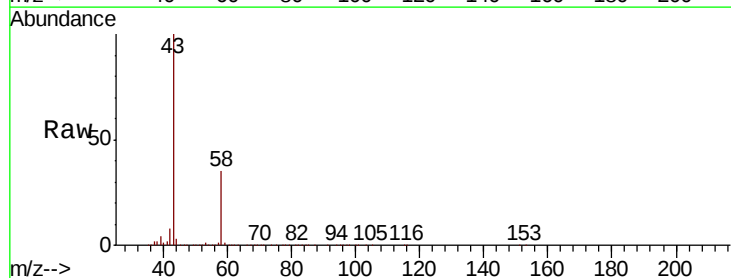
Acq: 12 Jun 2019 09:46

Tgt Ion: 43 Resp: 443069

Ion Ratio Lower Upper

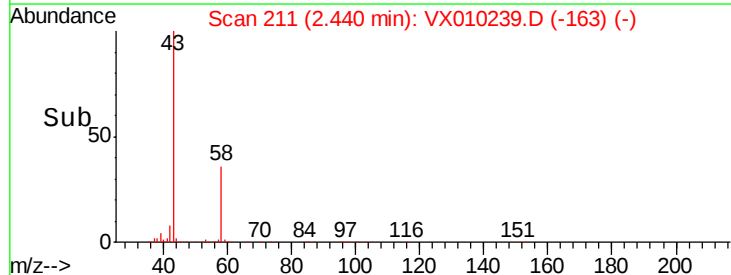
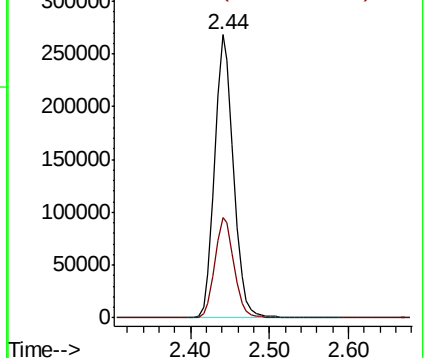
43 100

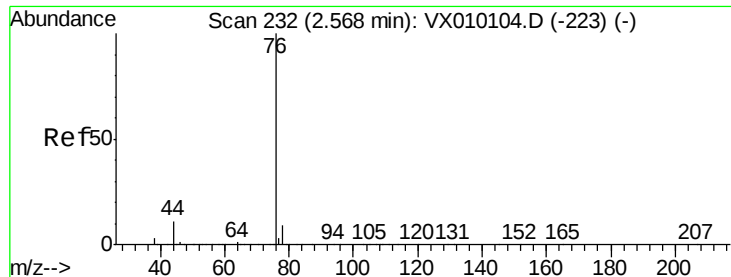
58 35.5 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 42.470 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

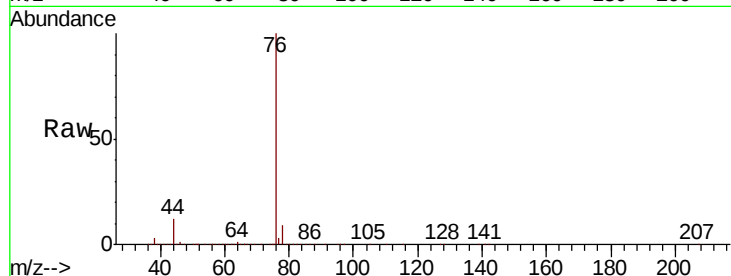
VSTDCCC050

Tot Ion: 76 Resp: 358230

Ion Ratio Lower Upper

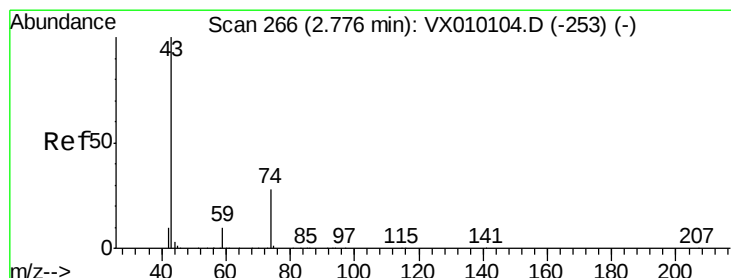
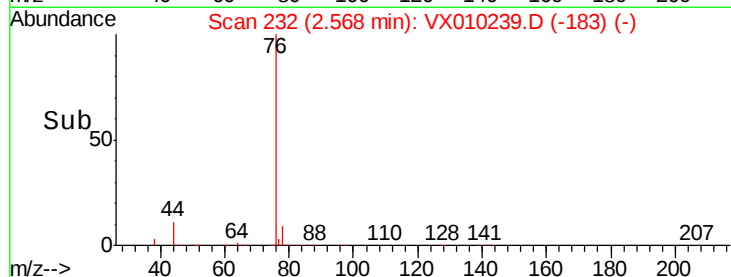
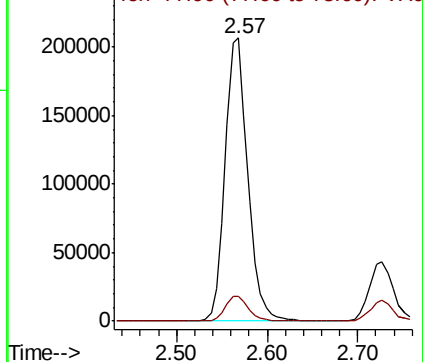
76 100

78 8.6 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 47.431 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX010239.D

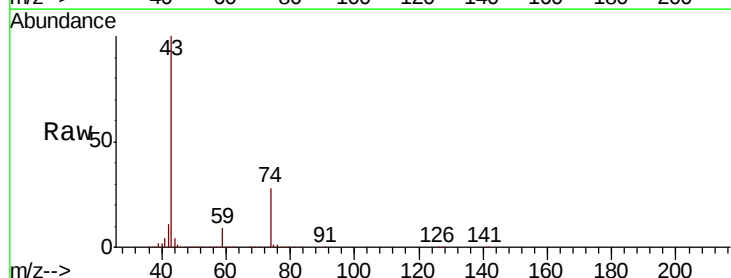
Acq: 12 Jun 2019 09:46

Tgt Ion: 43 Resp: 155644

Ion Ratio Lower Upper

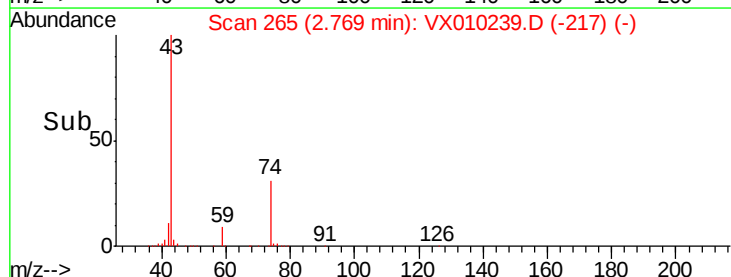
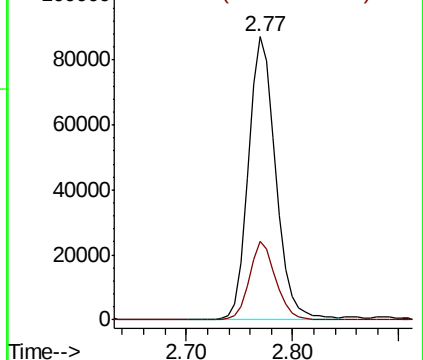
43 100

74 27.6 15.8 23.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

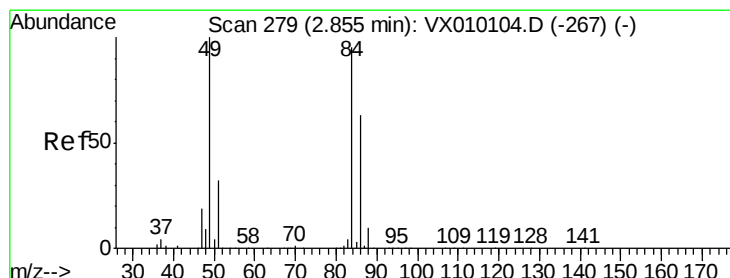
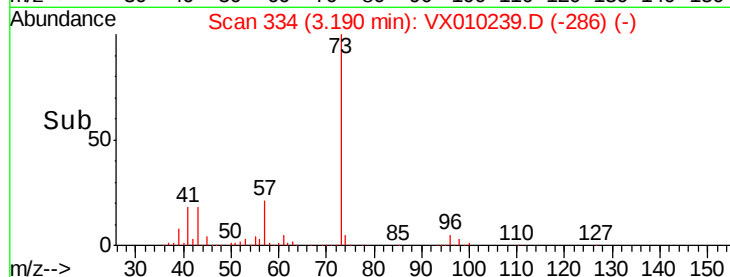
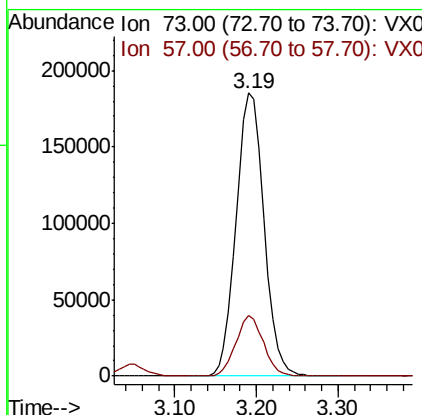
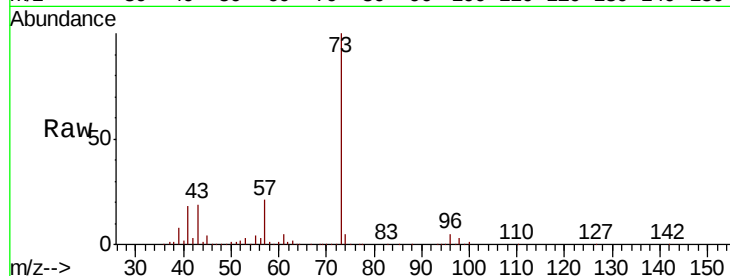




#19
Methyl tert-butyl Ether
Concen: 46.730 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX010239.D
Acq: 12 Jun 2019 09:46

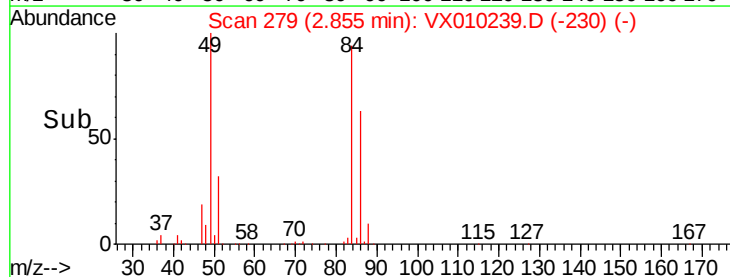
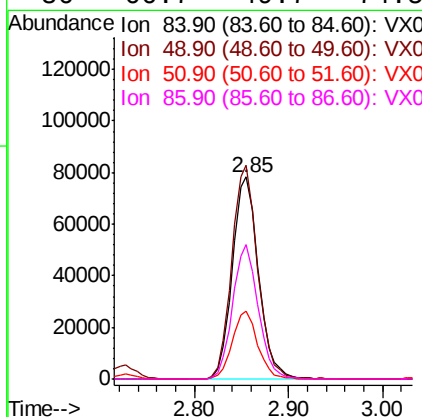
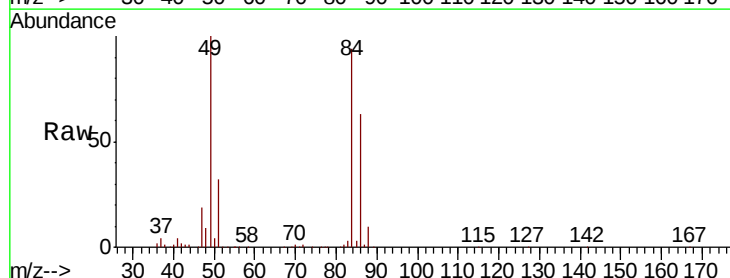
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

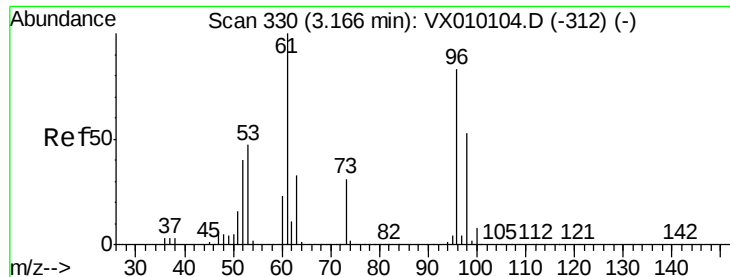
Tot Ion: 73 Resp: 438264
Ion Ratio Lower Upper
73 100
57 21.2 19.4 29.2



#20
Methylene Chloride
Concen: 46.208 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010239.D
Acq: 12 Jun 2019 09:46

Tgt Ion: 84 Resp: 151420
Ion Ratio Lower Upper
84 100
49 105.8 115.8 173.6#
51 33.5 34.4 51.6#
86 66.7 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 44.487 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

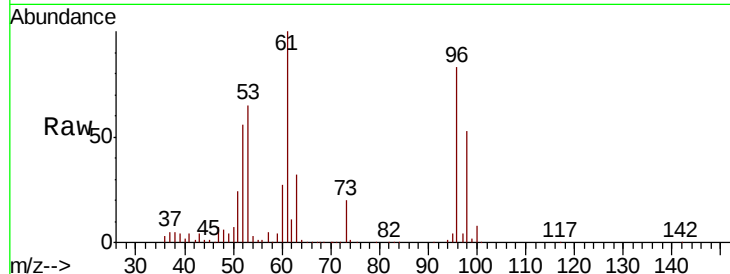
Tot Ion: 96 Resp: 143718

Ion Ratio Lower Upper

96 100

61 120.2 125.7 188.5#

98 63.4 49.0 73.6

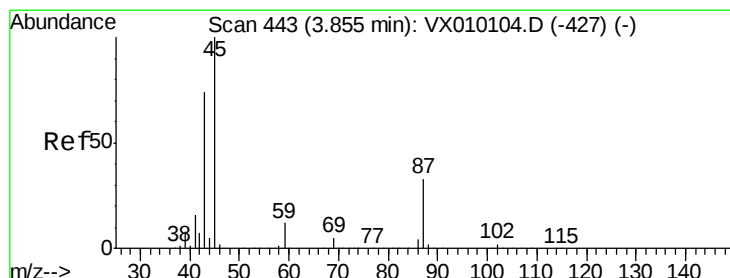
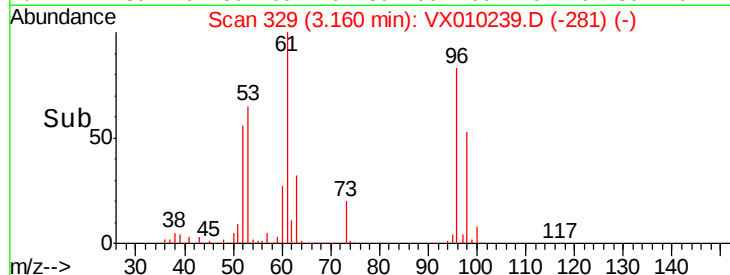
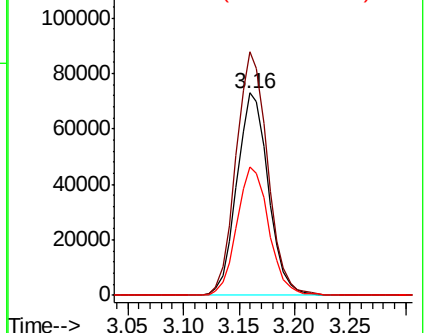


Abundance

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: 48.712 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

Tgt Ion: 45 Resp: 410399

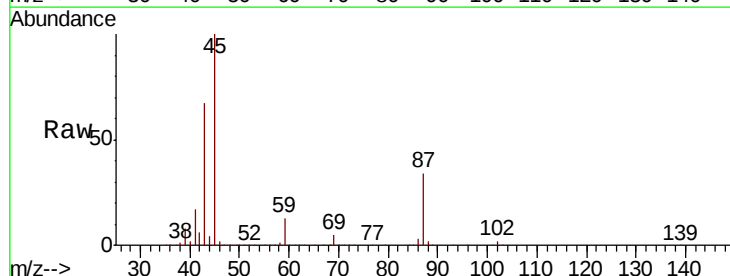
Ion Ratio Lower Upper

45 100

43 66.5 65.0 97.4

87 33.9 17.3 25.9#

59 12.7 8.1 12.1#



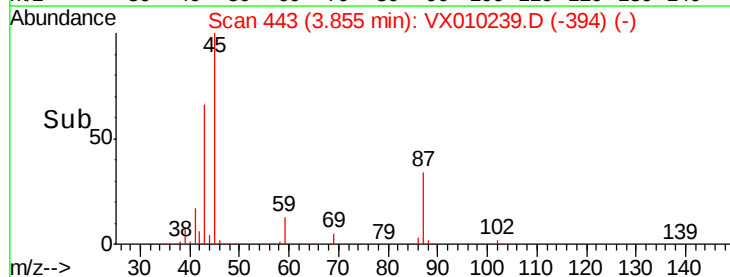
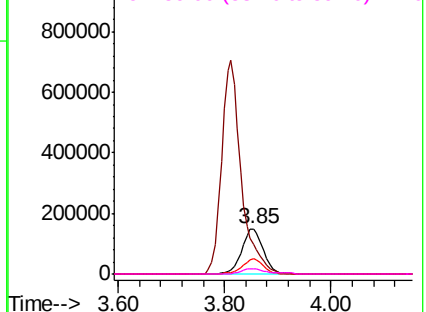
Abundance

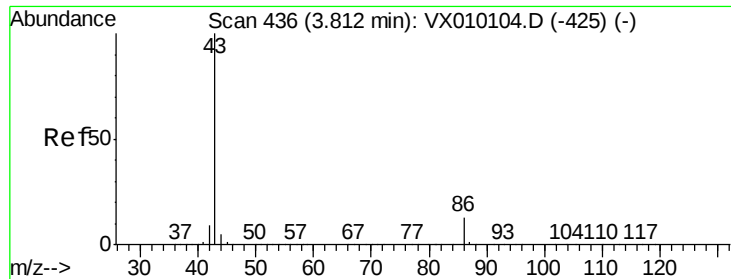
Ion 45.00 (44.70 to 45.70): VX0

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: 241.478 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

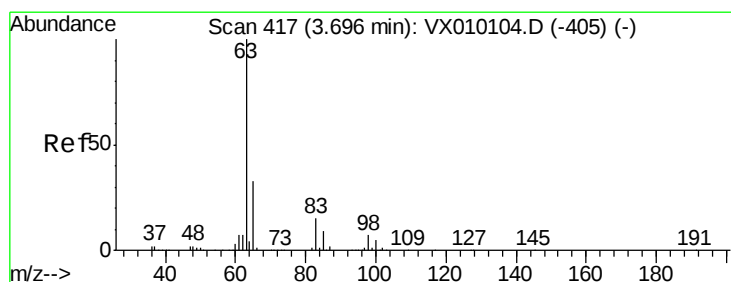
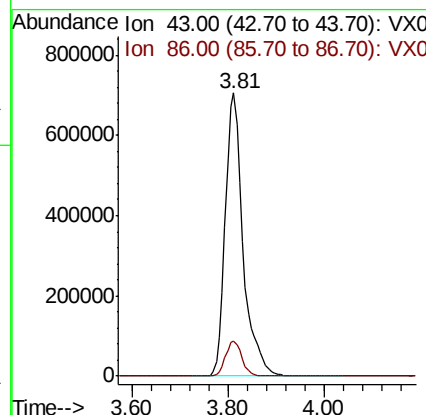
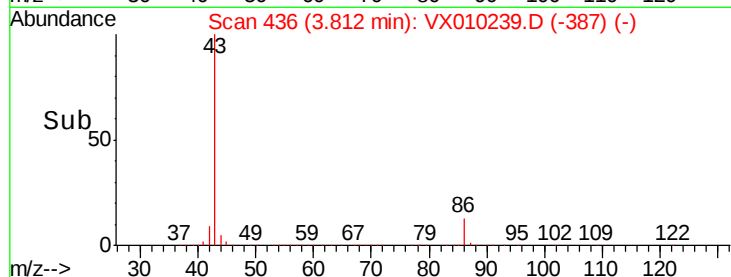
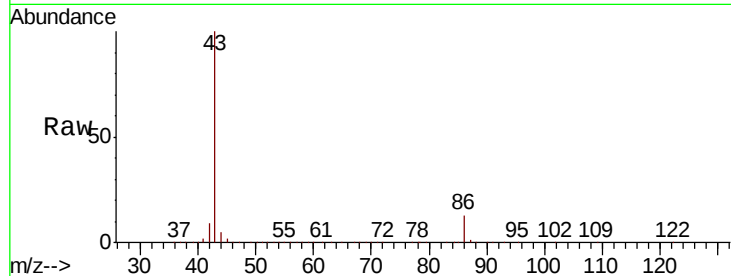
VSTDCCC050

Tot Ion: 43 Resp: 1814943

Ion Ratio Lower Upper

43 100

86 12.6 6.5 9.7#



#24

1,1-Dichloroethane

Concen: 46.485 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

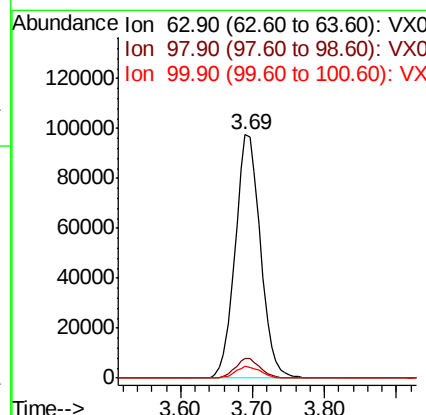
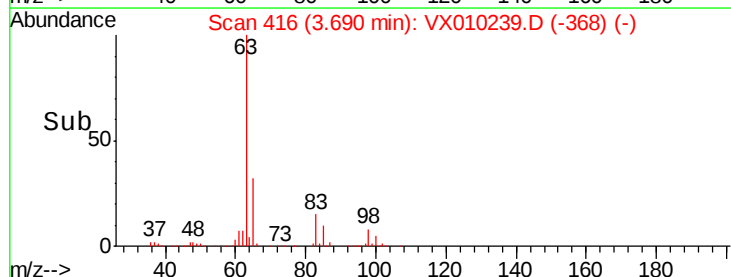
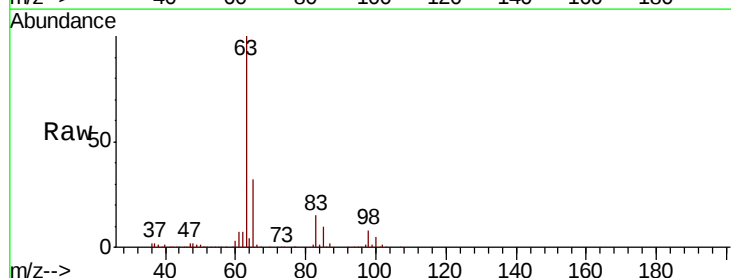
Tgt Ion: 63 Resp: 237781

Ion Ratio Lower Upper

63 100

98 8.0 2.9 8.8

100 4.7 1.8 5.4





#25

2-Butanone

Concen: 267.159 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

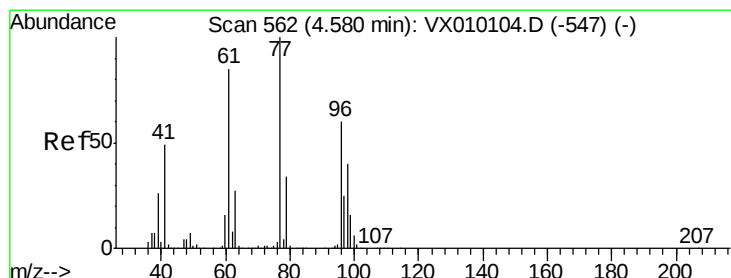
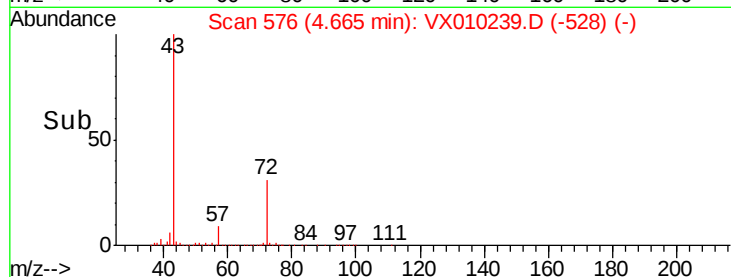
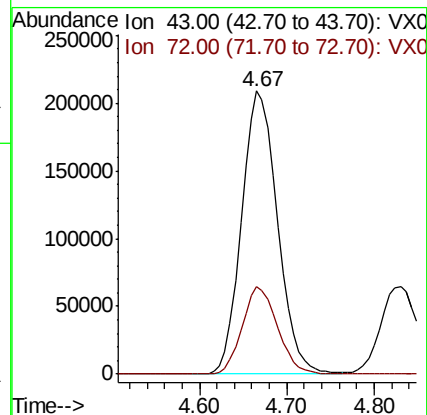
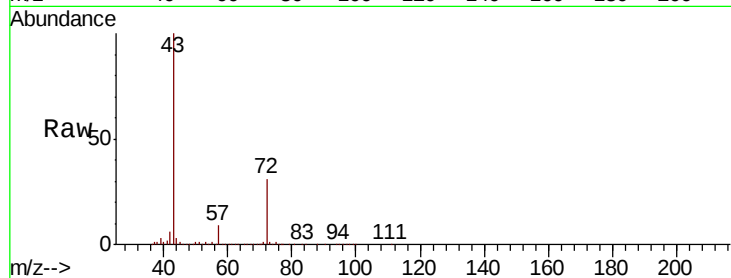
VSTDCCC050

Tot Ion: 43 Resp: 593597

Ion Ratio Lower Upper

43 100

72 30.8 17.5 26.3#



#26

2,2-Dichloropropane

Concen: 46.749 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX010239.D

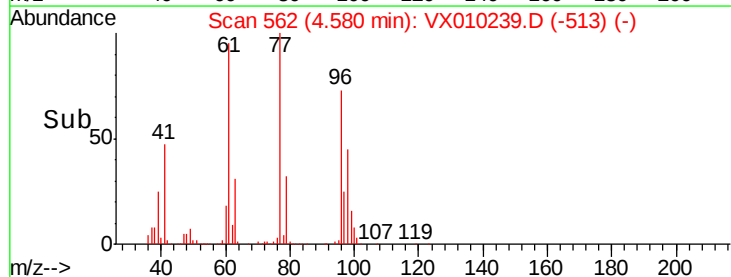
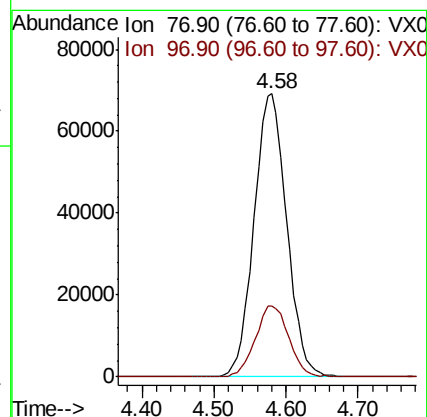
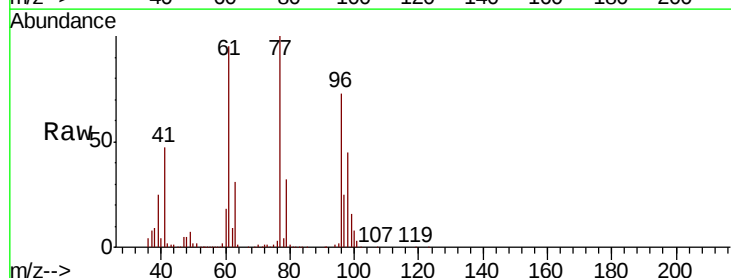
Acq: 12 Jun 2019 09:46

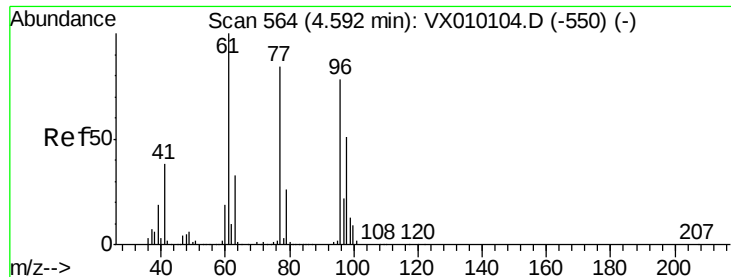
Tgt Ion: 77 Resp: 218157

Ion Ratio Lower Upper

77 100

97 25.8 11.4 34.2



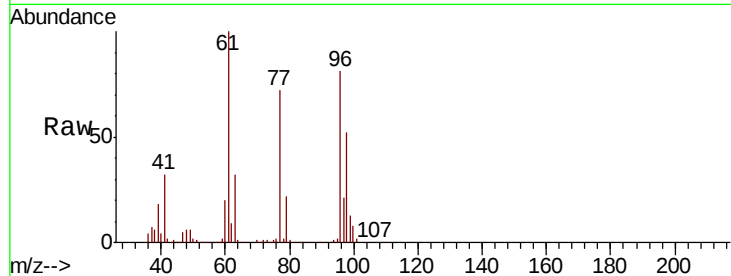


#27

cis-1,2-Dichloroethene
Concen: 47.552 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX010239.D
Acq: 12 Jun 2019 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	125.9	0.0	334.0
98	65.2	0.0	131.6

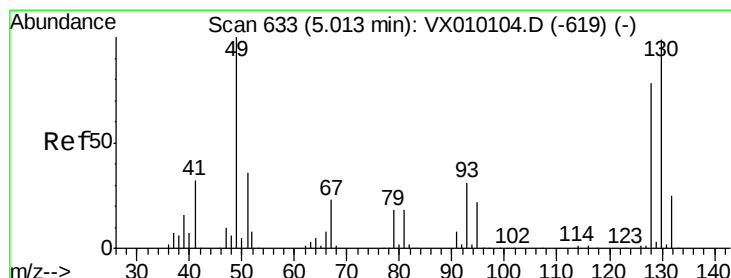
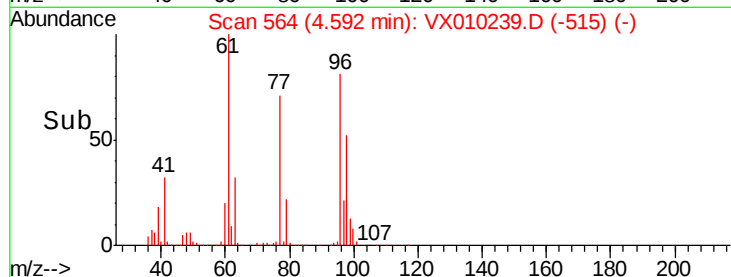
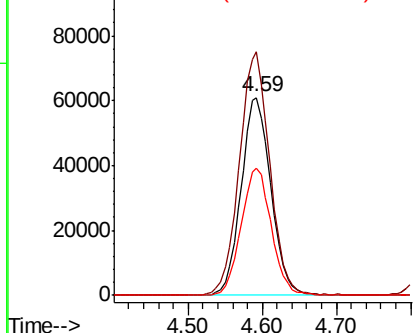


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

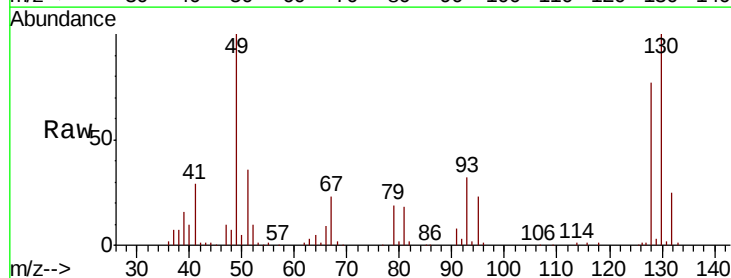
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 46.328 ug/l
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX010239.D
Acq: 12 Jun 2019 09:46

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.1	0.0	3.4
130	102.5	49.4	74.2#

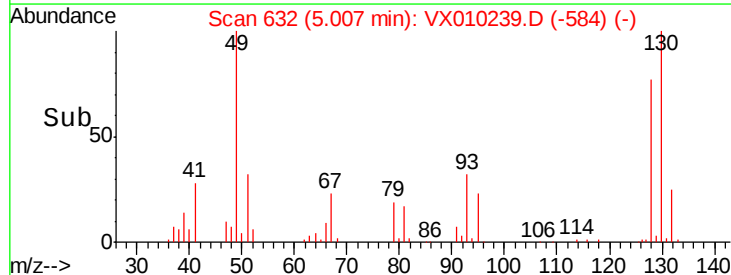
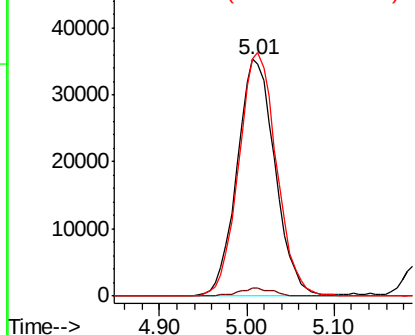


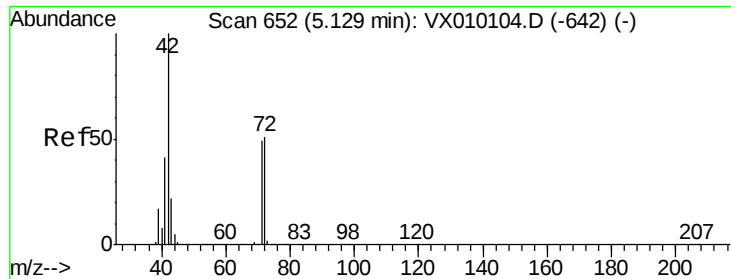
Abundance

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

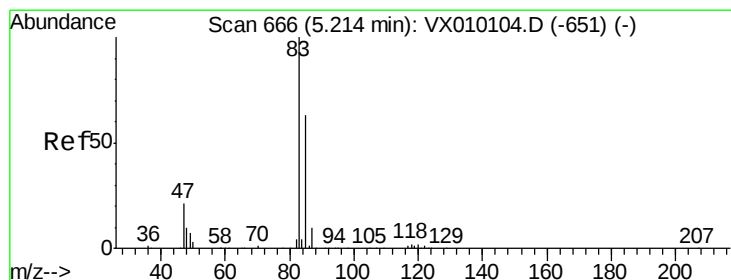
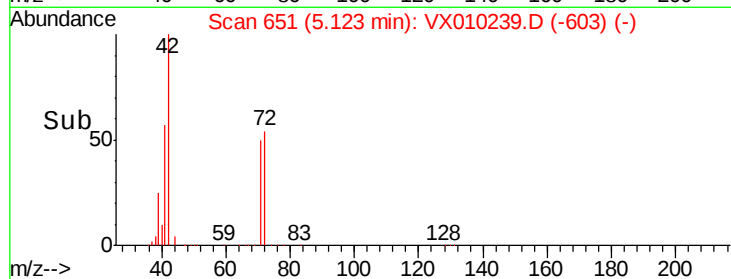
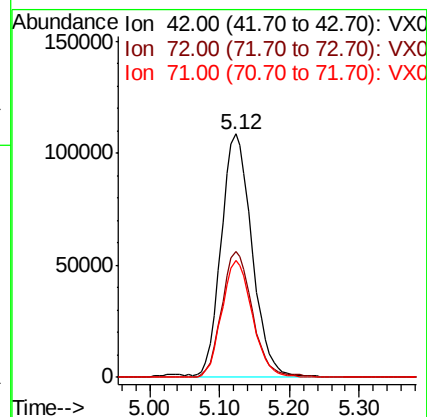
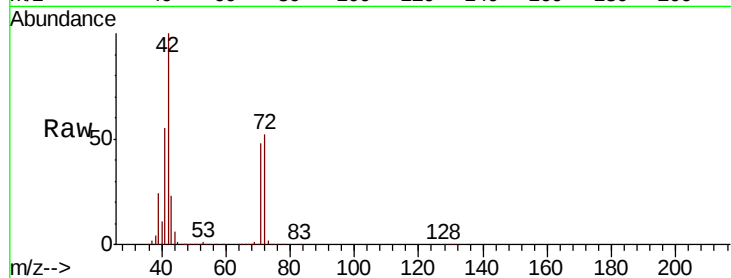




#29
Tetrahydrofuran
Concen: 237.210 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX010239.D
Acq: 12 Jun 2019 09:46

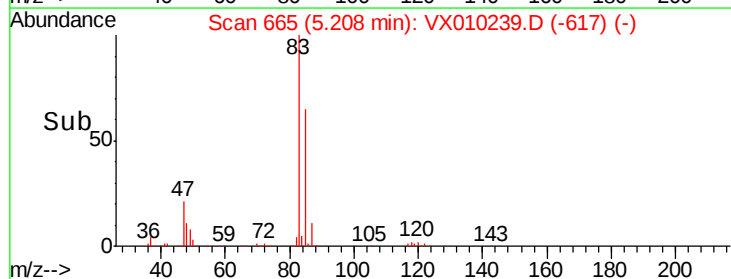
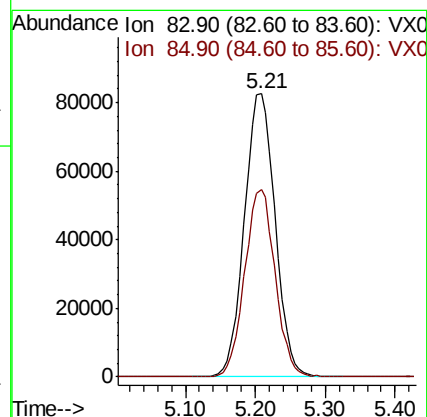
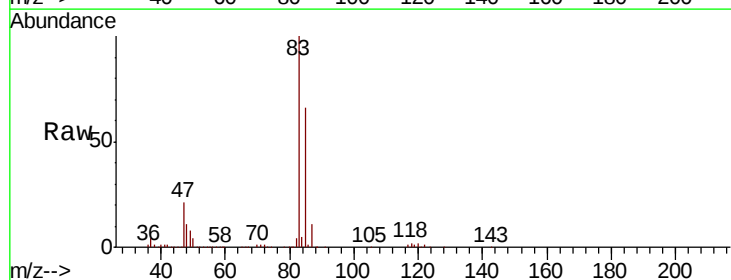
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

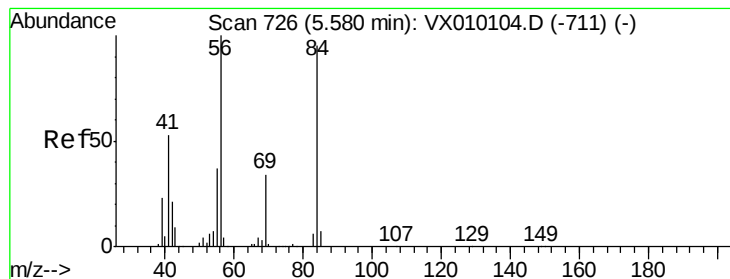
Tot Ion: 42 Resp: 331229
Ion Ratio Lower Upper
42 100
72 51.8 29.2 43.8#
71 47.8 27.6 41.4#



#30
Chloroform
Concen: 47.506 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX010239.D
Acq: 12 Jun 2019 09:46

Tgt Ion: 83 Resp: 252371
Ion Ratio Lower Upper
83 100
85 66.3 52.6 78.8





#31

Cyclohexane

Concen: 48.094 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

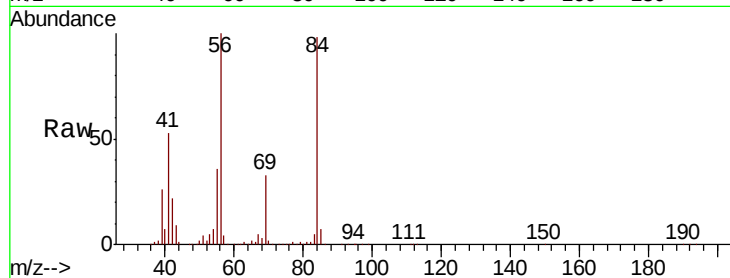
Tot Ion: 56 Resp: 222029

Ion Ratio Lower Upper

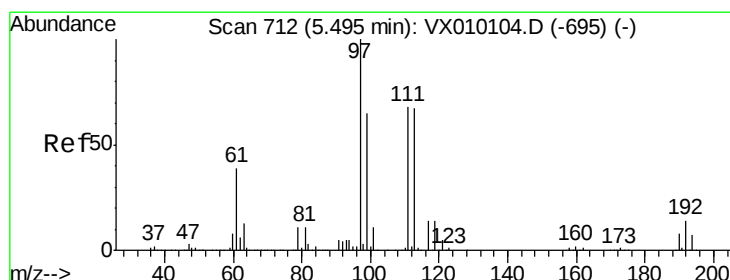
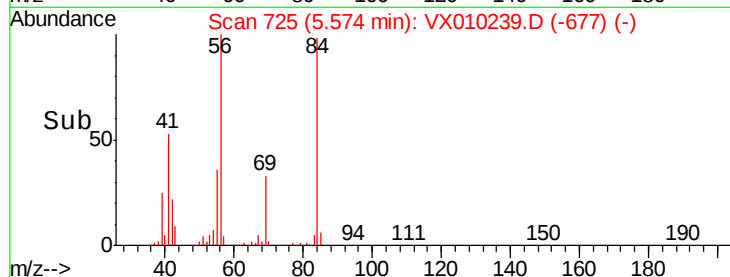
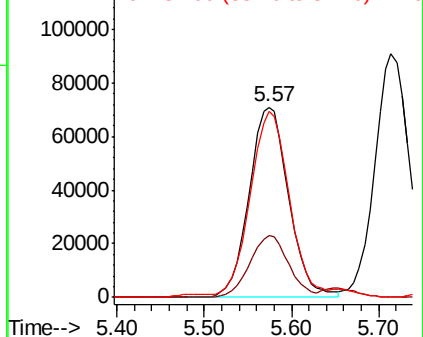
56 100

69 32.6 21.6 32.4#

84 96.3 56.8 85.2#



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 46.214 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

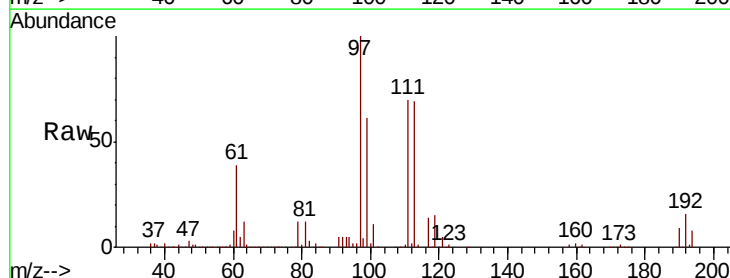
Tgt Ion: 97 Resp: 230803

Ion Ratio Lower Upper

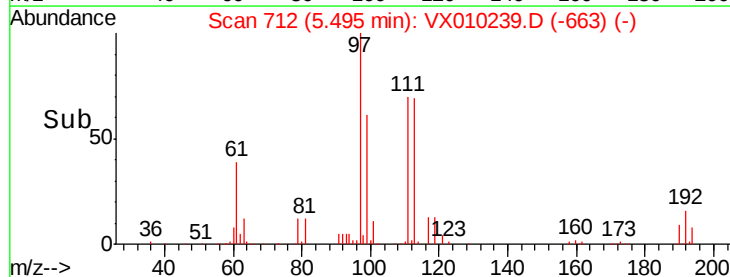
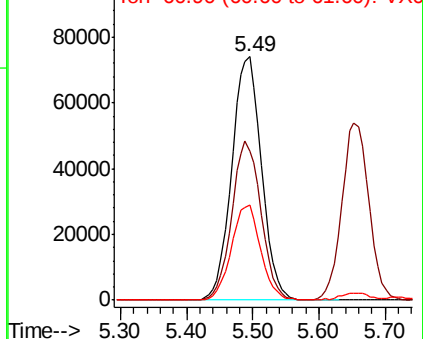
97 100

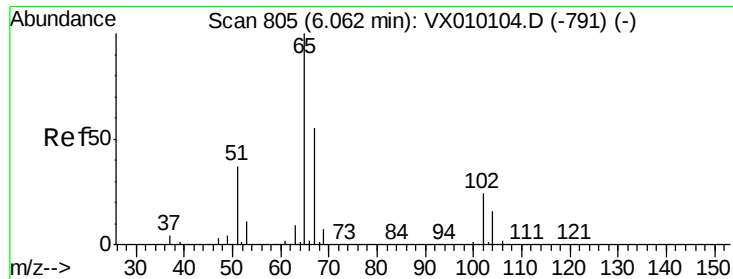
99 64.0 51.0 76.4

61 38.6 38.7 58.1#



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 46.078 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

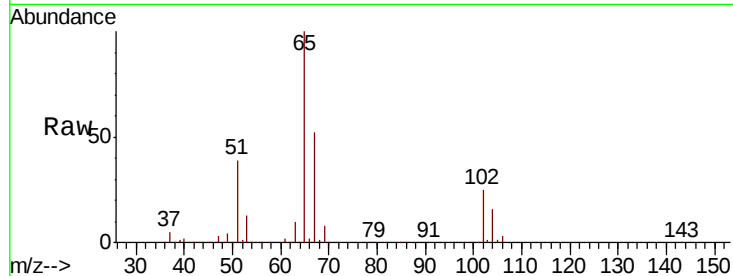
VSTDCCC050

Tot Ion: 65 Resp: 146179

Ion Ratio Lower Upper

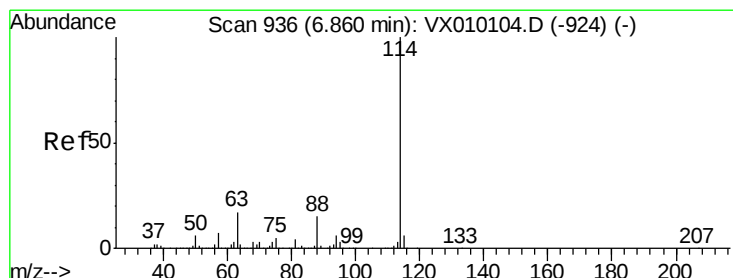
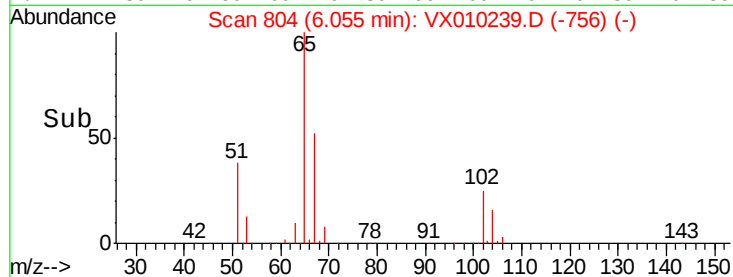
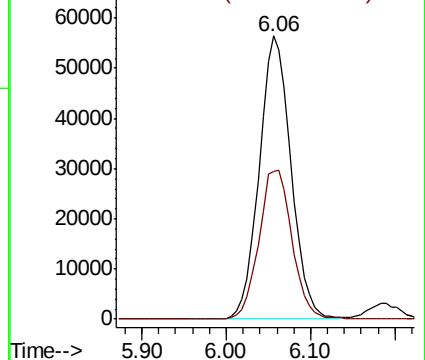
65 100

67 55.2 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

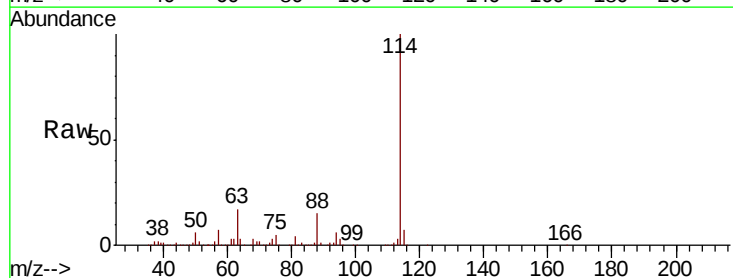
Tgt Ion: 114 Resp: 475528

Ion Ratio Lower Upper

114 100

63 17.1 0.0 47.4

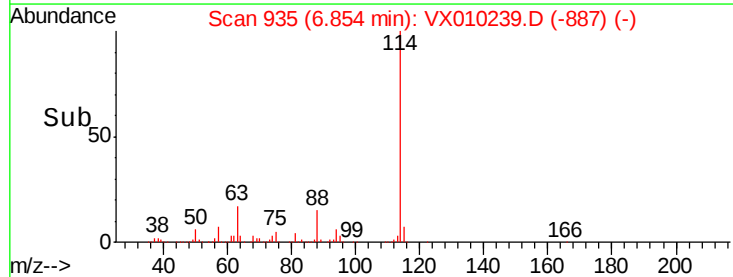
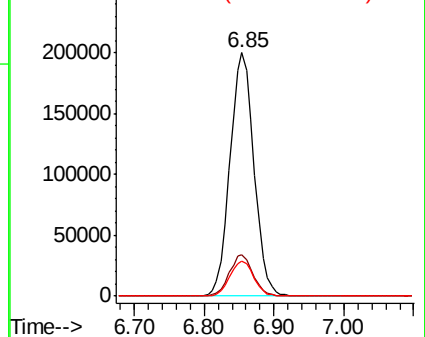
88 14.6 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.128 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

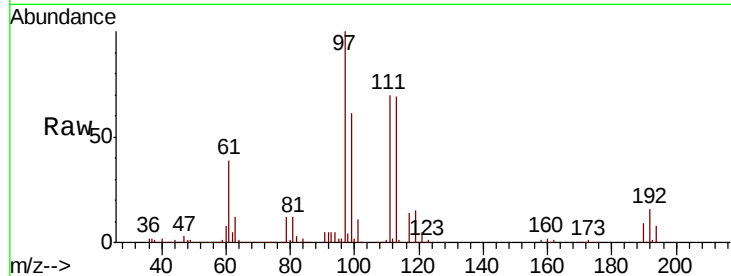
Tot Ion:113 Resp: 147033

Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.2

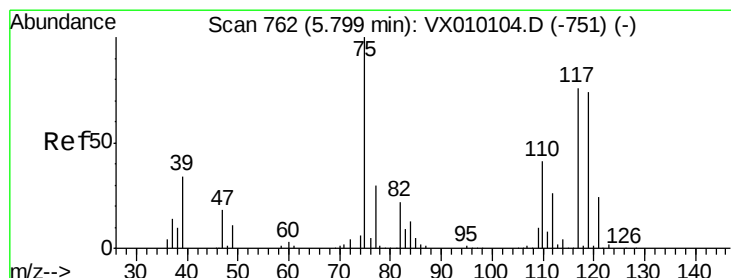
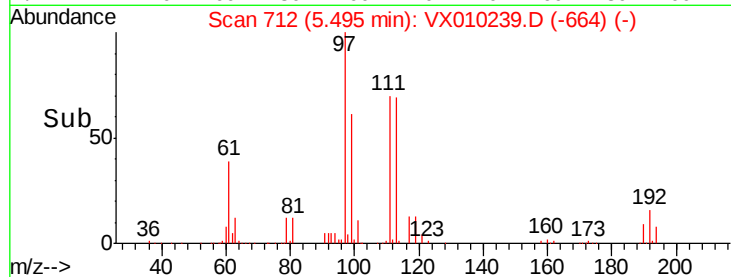
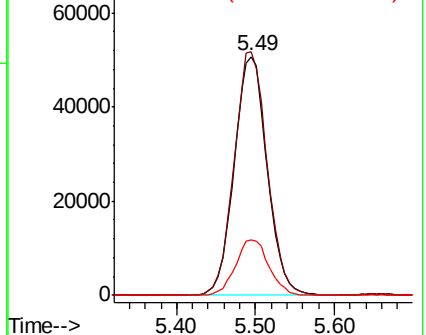
192 23.7 17.1 25.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.398 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

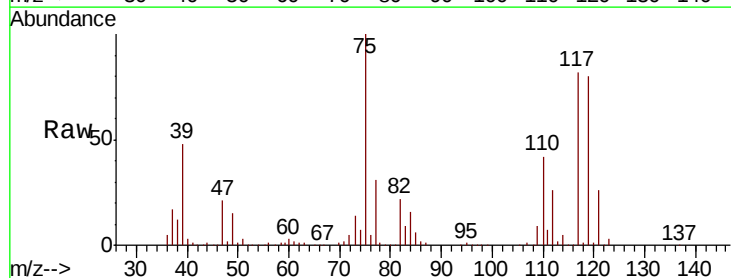
Tgt Ion: 75 Resp: 187765

Ion Ratio Lower Upper

75 100

110 42.0 16.7 50.1

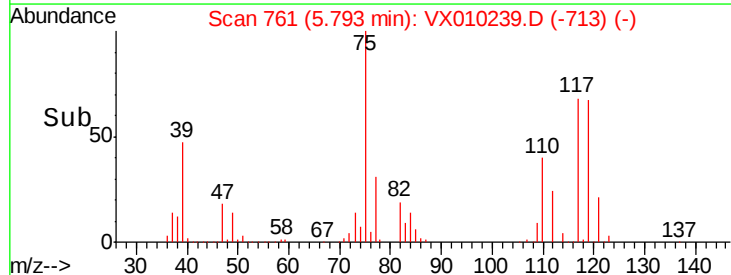
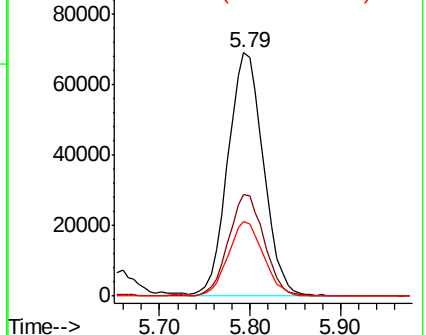
77 30.3 25.0 37.4

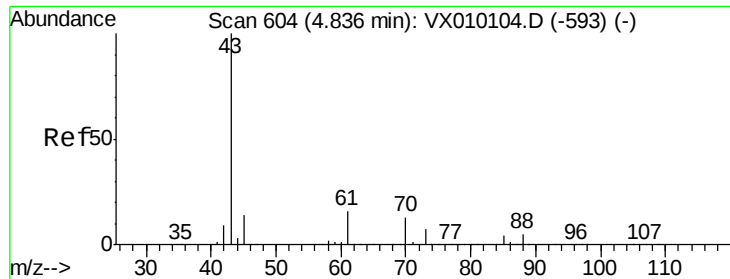


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

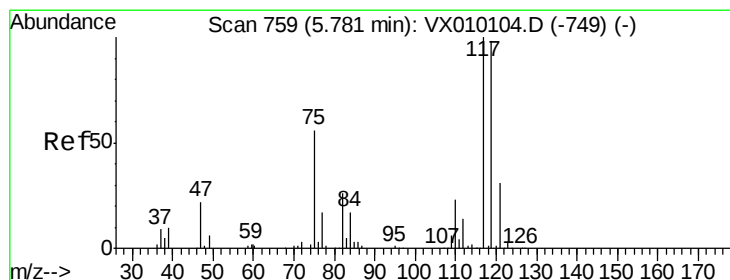
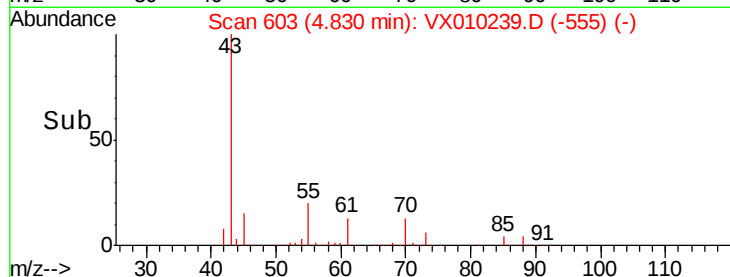
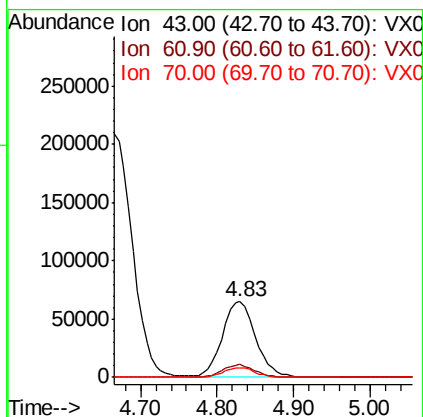
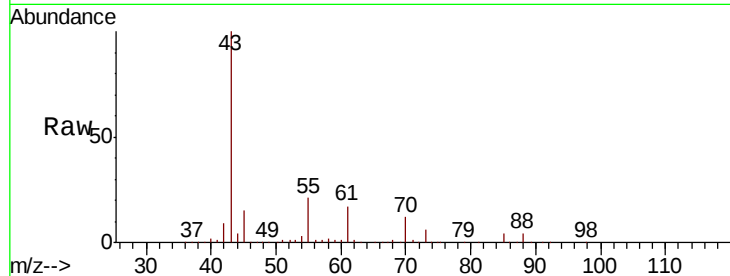




#37
Ethyl Acetate
Concen: 48.155 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX010239.D
Acq: 12 Jun 2019 09:46

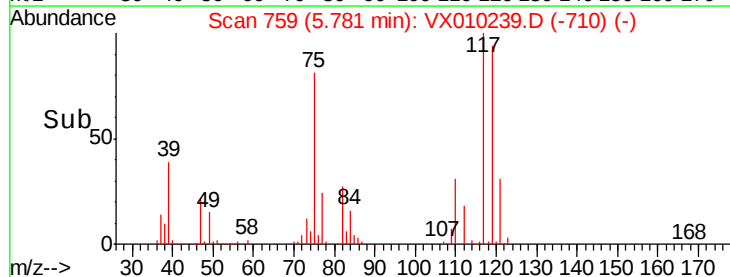
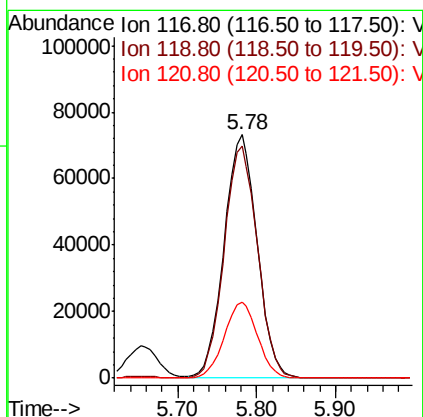
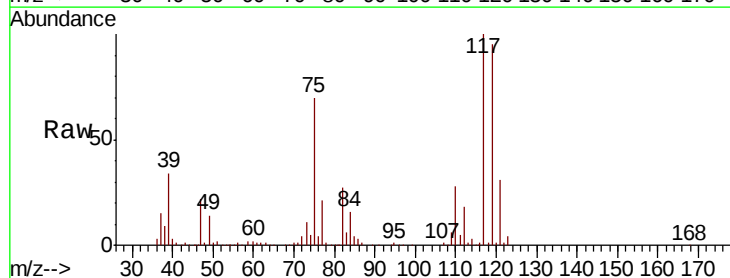
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

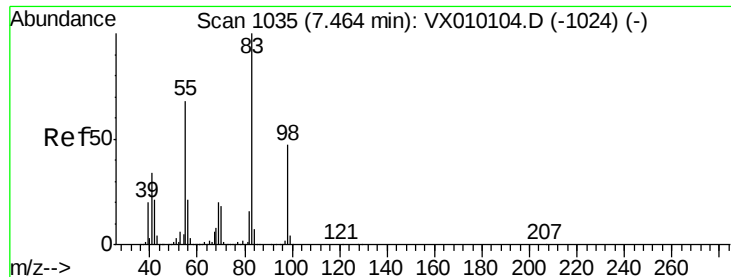
Tot Ion: 43 Resp: 194384
Ion Ratio Lower Upper
43 100
61 15.7 10.2 15.2#
70 12.4 7.4 11.2#



#38
Carbon Tetrachloride
Concen: 48.458 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX010239.D
Acq: 12 Jun 2019 09:46

Tgt Ion: 117 Resp: 212792
Ion Ratio Lower Upper
117 100
119 95.4 77.3 115.9
121 31.3 25.4 38.0

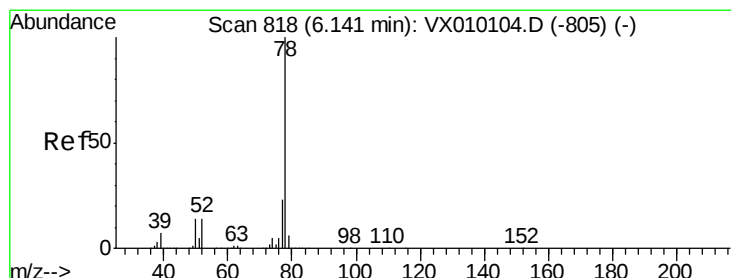
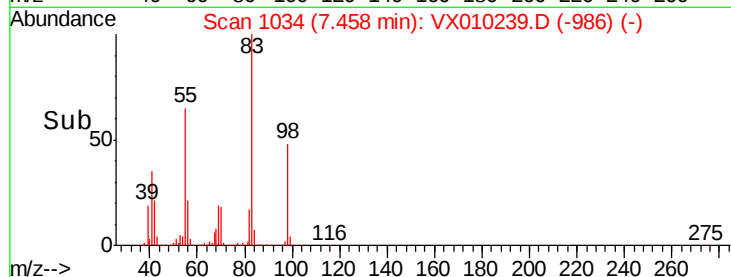
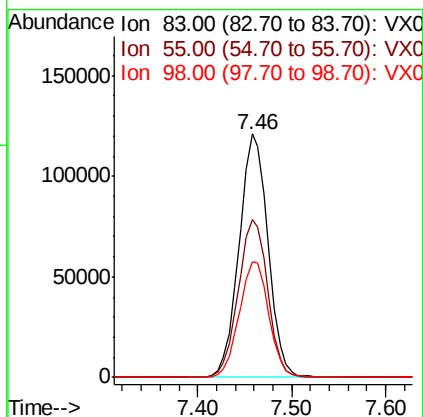
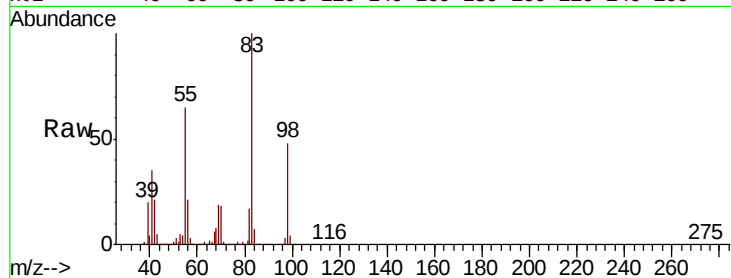




#39
Methylvlcvclohexane
Concen: 49.082 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010239.D
Acq: 12 Jun 2019 09:46

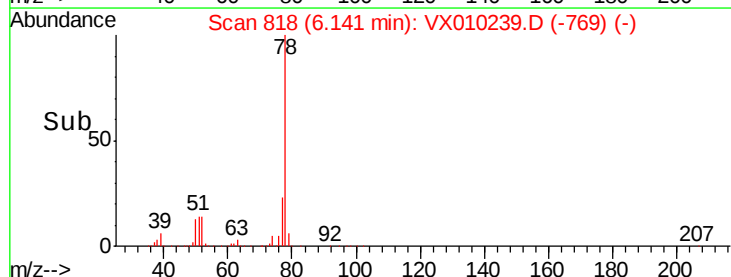
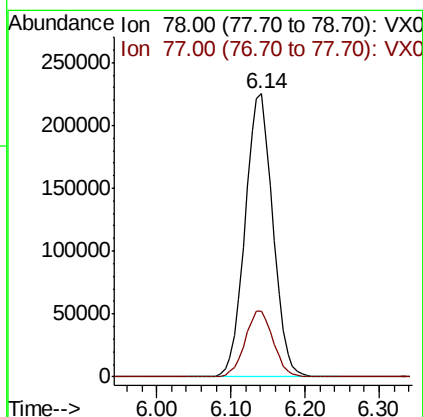
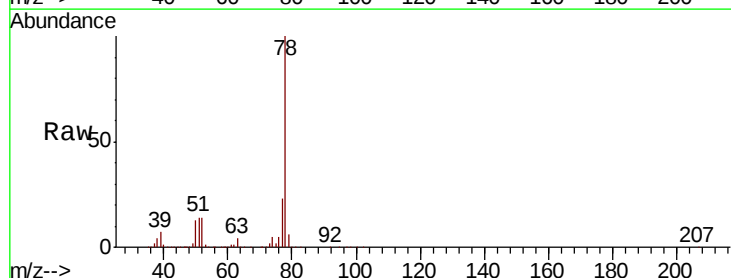
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 259291
Ion Ratio Lower Upper
83 100
55 64.8 69.9 104.9#
98 47.6 35.1 52.7



#40
Benzene
Concen: 49.197 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010239.D
Acq: 12 Jun 2019 09:46

Tgt Ion: 78 Resp: 590184
Ion Ratio Lower Upper
78 100
77 23.1 19.2 28.8





#41

Methacrylonitrile

Concen: 48.274 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 105407

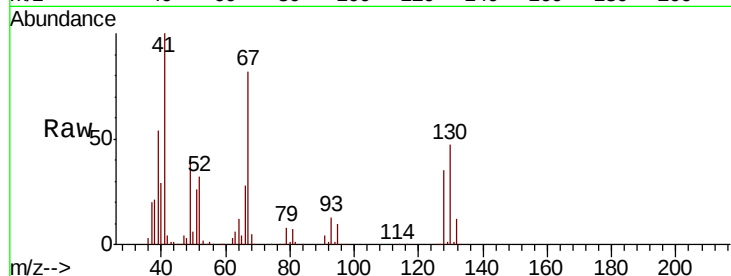
Ion Ratio Lower Upper

41 100

39 53.9 42.2 63.4

67 84.8 48.9 73.3#

52 31.4 20.1 30.1#

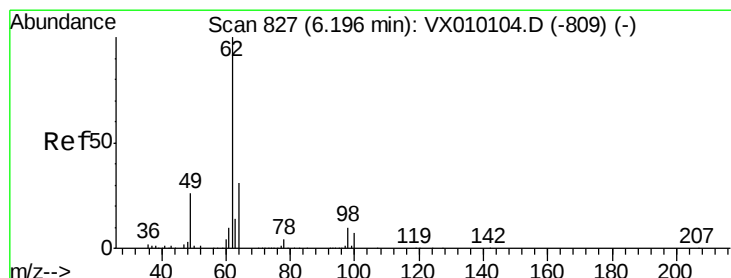
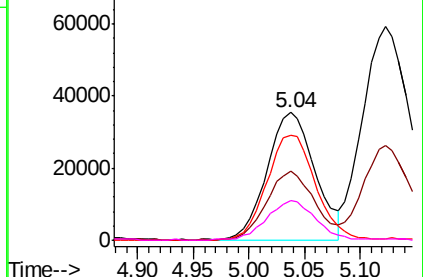
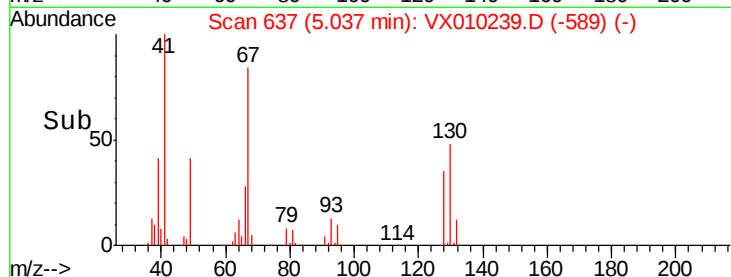


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 47.350 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX010239.D

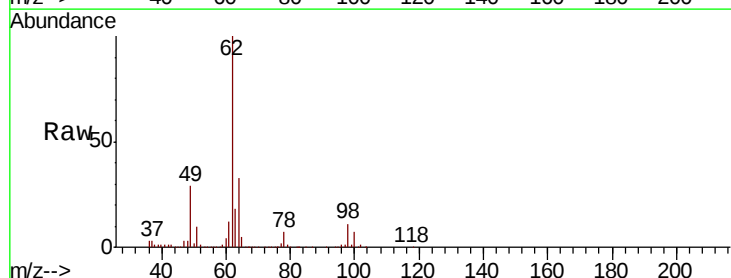
Acq: 12 Jun 2019 09:46

Tgt Ion: 62 Resp: 181342

Ion Ratio Lower Upper

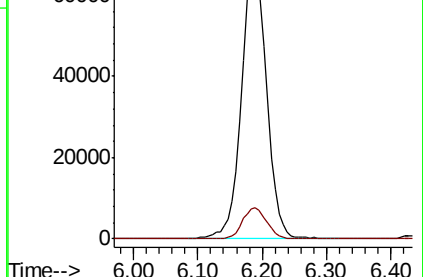
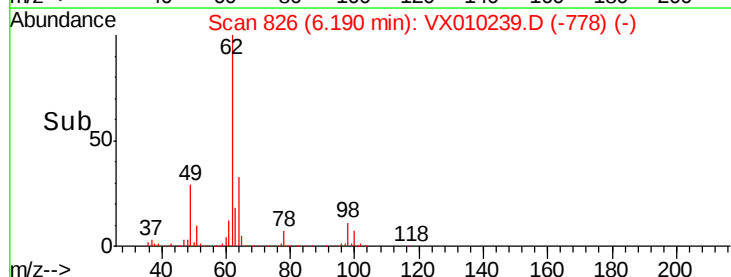
62 100

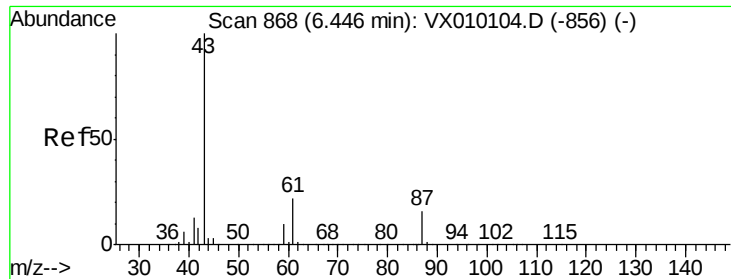
98 11.1 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



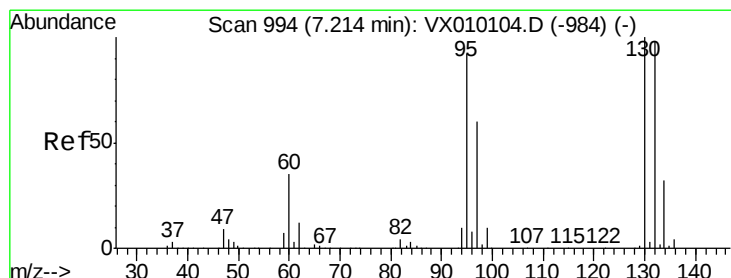
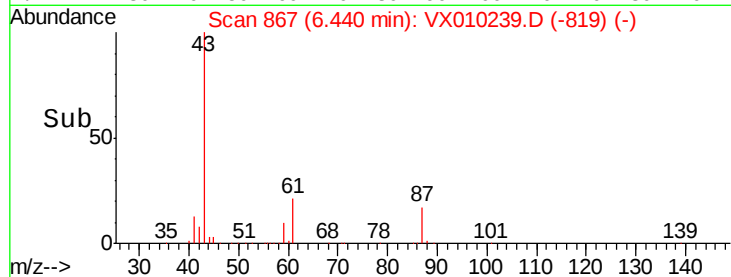
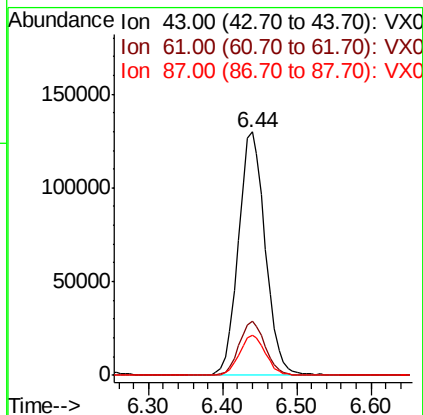
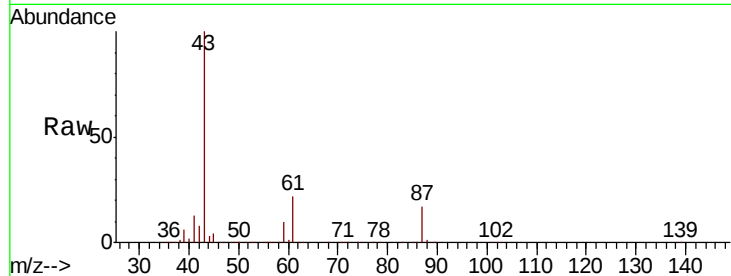


#43

Isopropyl Acetate
 Concen: 48.373 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX010239.D
 Acq: 12 Jun 2019 09:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

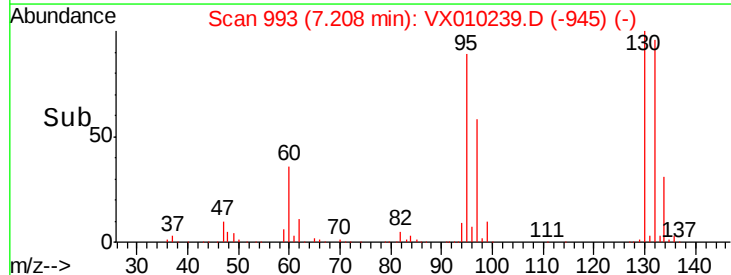
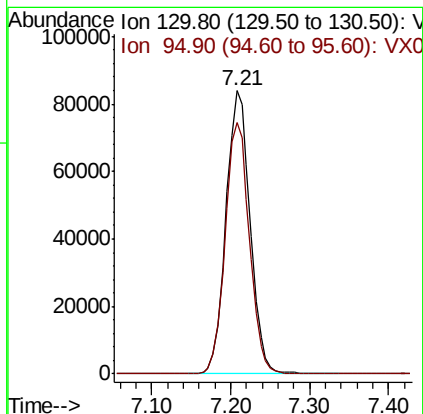
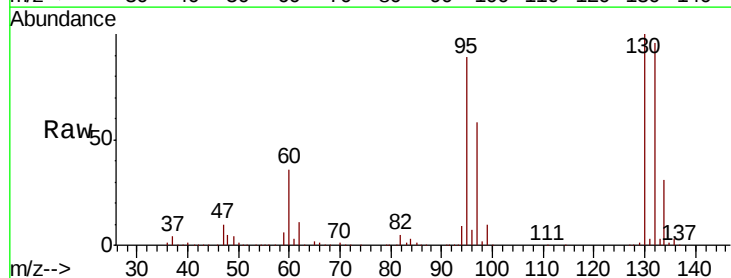
Tot Ion: 43 Resp: 326478
 Ion Ratio Lower Upper
 43 100
 61 22.0 14.6 21.8#
 87 16.2 8.7 13.1#

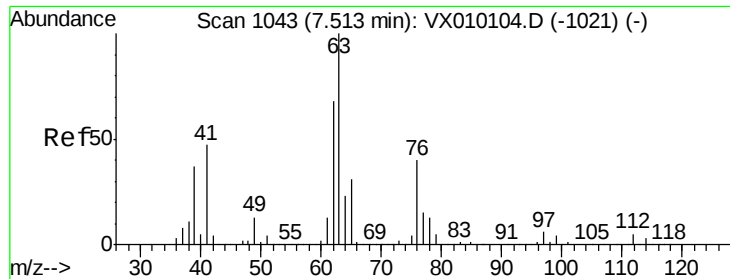


#44

Trichloroethene
 Concen: 49.353 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX010239.D
 Acq: 12 Jun 2019 09:46

Tgt Ion:130 Resp: 178464
 Ion Ratio Lower Upper
 130 100
 95 89.0 0.0 207.4





#45

1,2-Dichloropropane

Concen: 49.168 ug/l

RT: 7.51 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

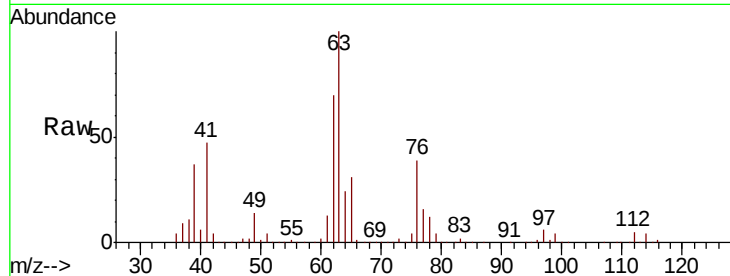
VSTDCCC050

Tot Ion: 63 Resp: 147632

Ion Ratio Lower Upper

63 100

65 30.8 25.7 38.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

80000

60000

40000

20000

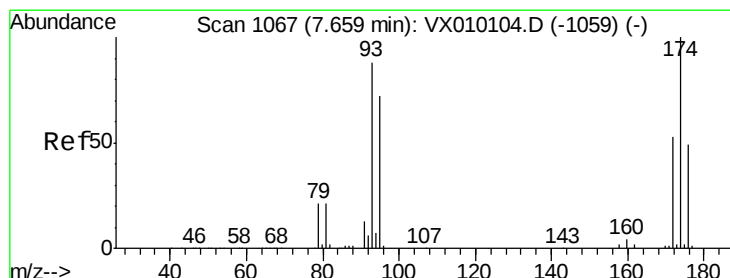
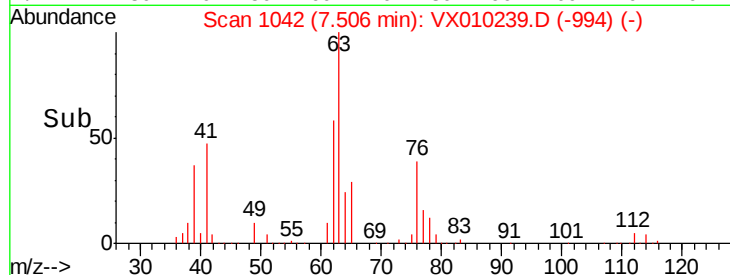
0

Time-->

7.40

7.50

7.60



#46

Dibromomethane

Concen: 47.713 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

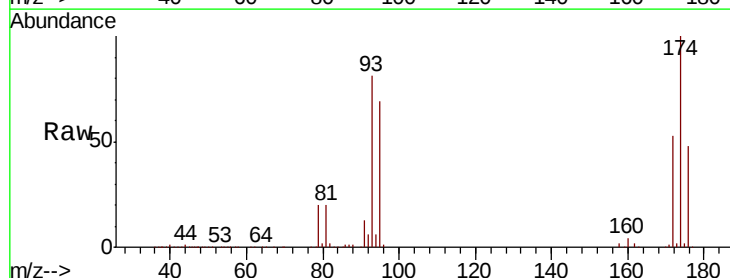
Tgt Ion: 93 Resp: 107330

Ion Ratio Lower Upper

93 100

95 84.4 66.8 100.2

174 119.4 81.9 122.9



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

80000

60000

40000

20000

0

Time-->

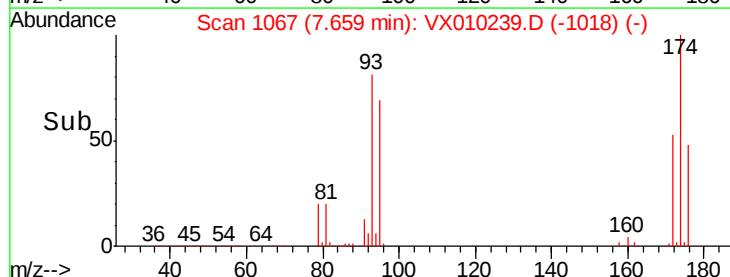
7.55

7.60

7.65

7.70

7.75





#47

Bromodichloromethane

Concen: 49.066 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

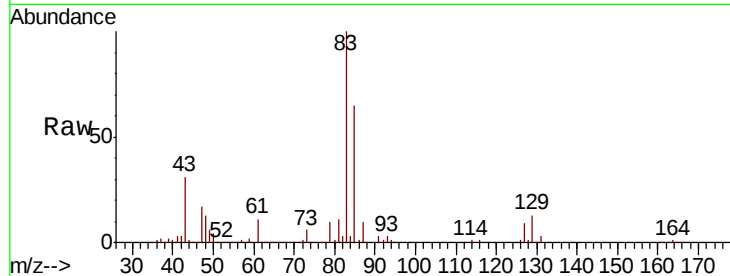
Tot Ion: 83 Resp: 206245

Ion Ratio Lower Upper

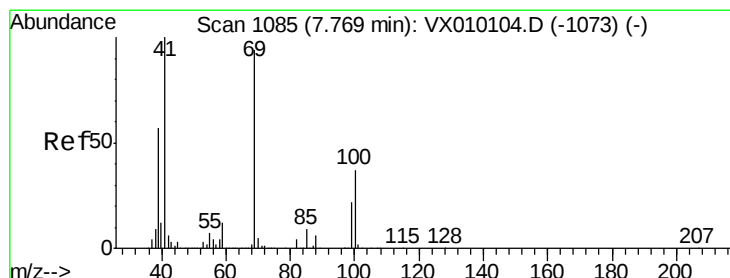
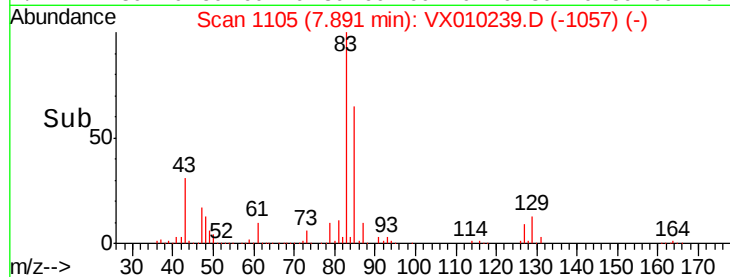
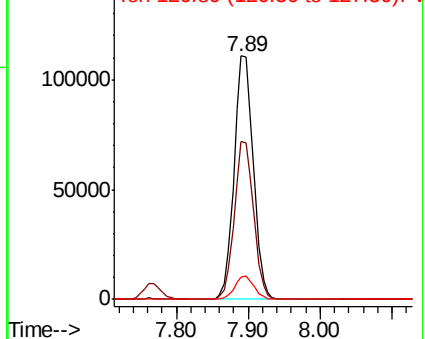
83 100

85 64.8 51.4 77.2

127 9.3 6.4 9.6



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: 48.753 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. -0.01 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

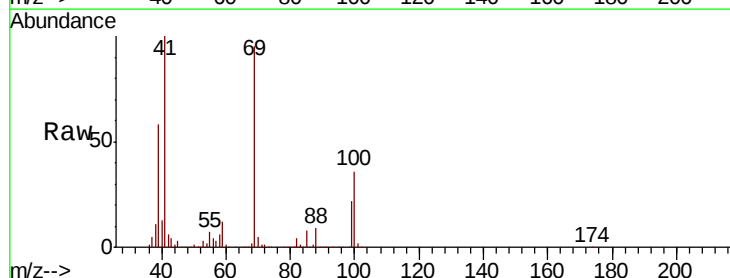
Tgt Ion: 41 Resp: 153882

Ion Ratio Lower Upper

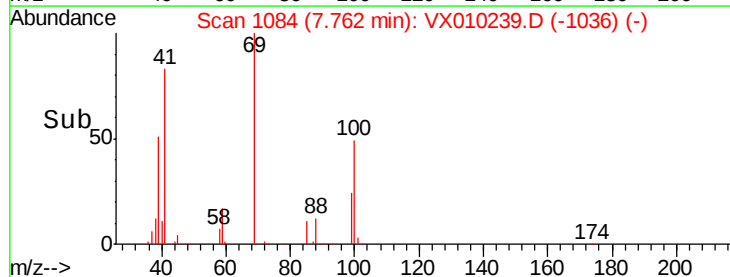
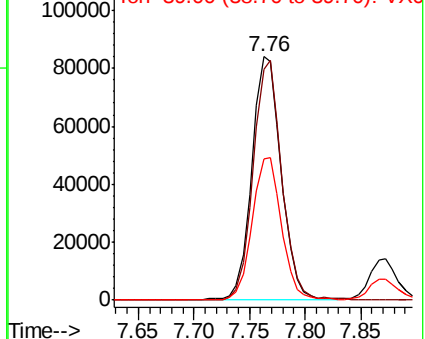
41 100

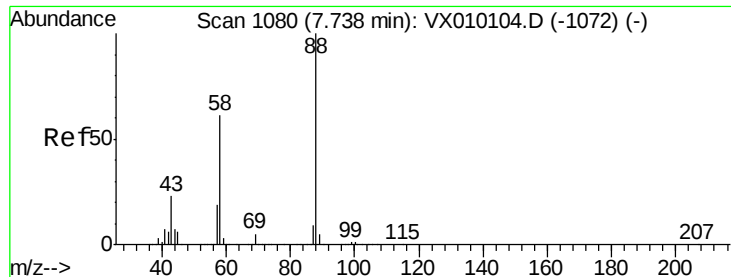
69 96.3 56.4 84.6#

39 58.2 40.6 60.8



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: 979.729 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.01 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

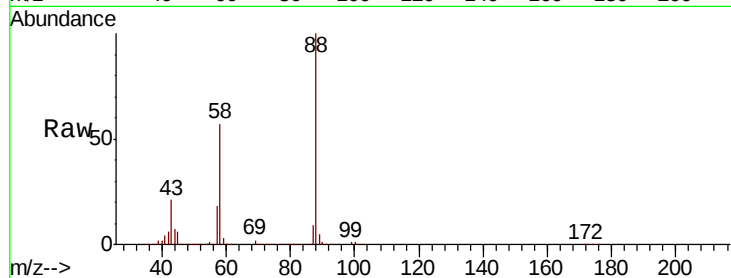
Tot Ion: 88 Resp: 88168

Ion Ratio Lower Upper

88 100

43 25.1 30.2 45.4#

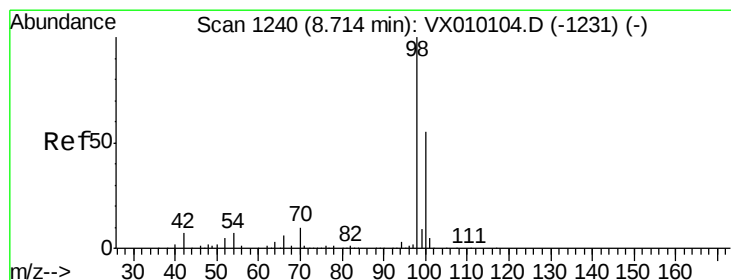
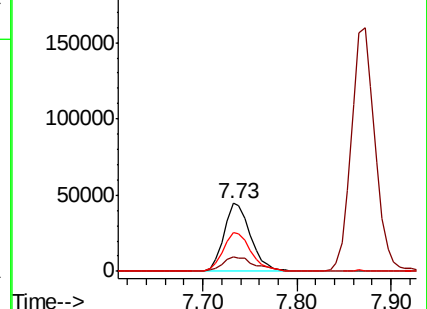
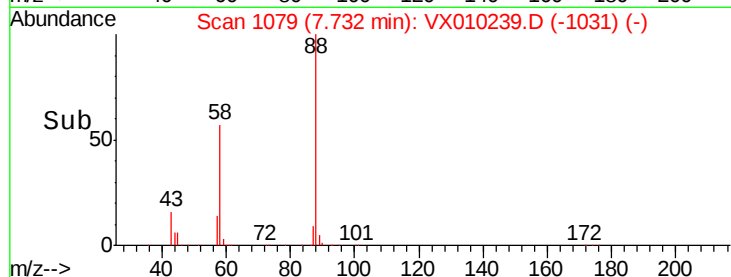
58 60.1 64.0 96.0#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 51.216 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010239.D

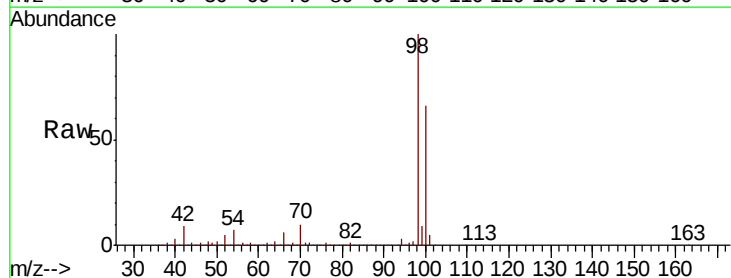
Acq: 12 Jun 2019 09:46

Tgt Ion: 98 Resp: 563025

Ion Ratio Lower Upper

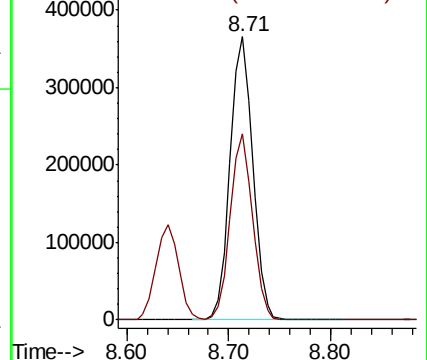
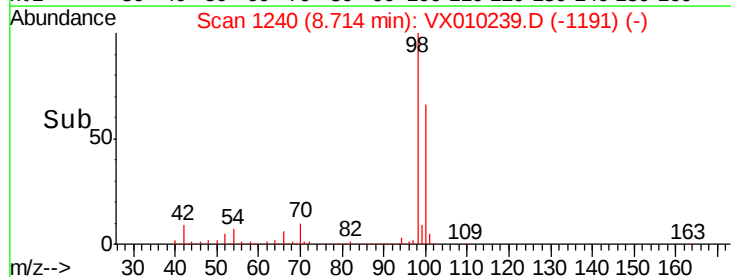
98 100

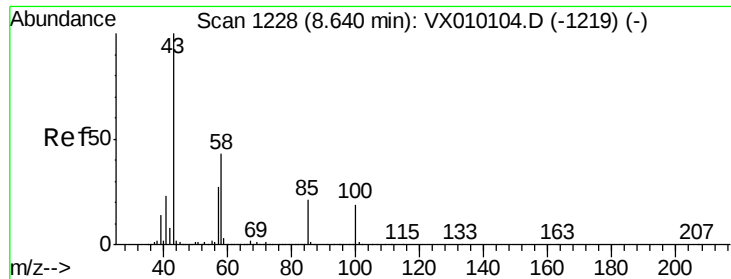
100 64.7 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

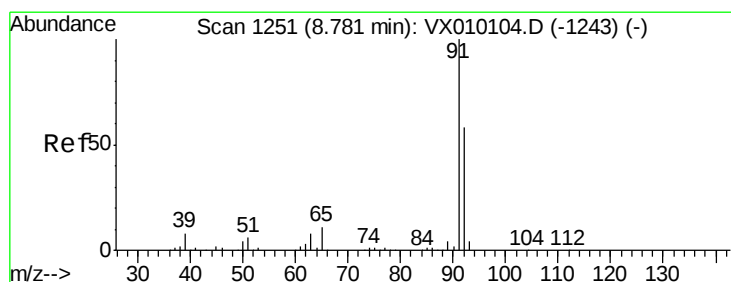
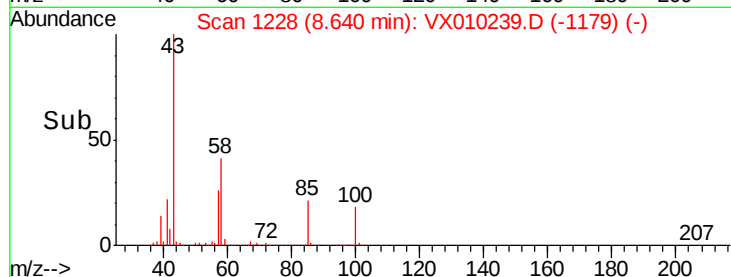
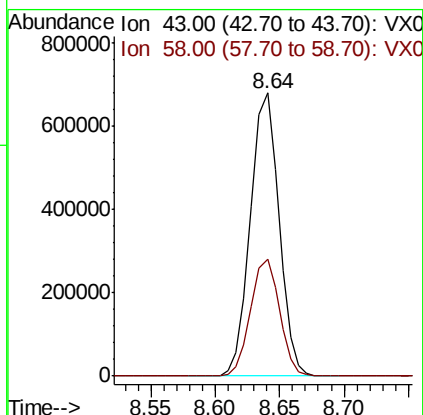
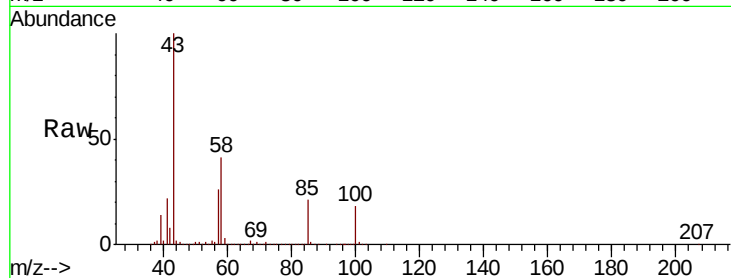




#51
 4-Methyl-2-Pentanone
 Concen: 258.477 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VX010239.D
 Acq: 12 Jun 2019 09:46

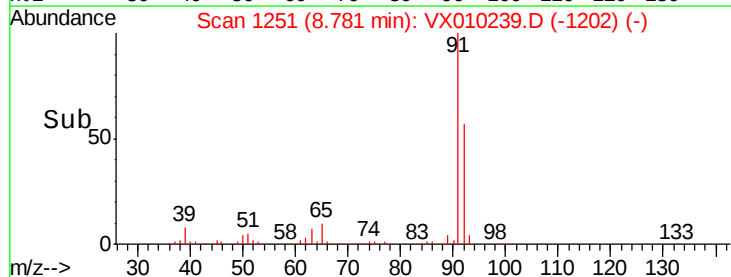
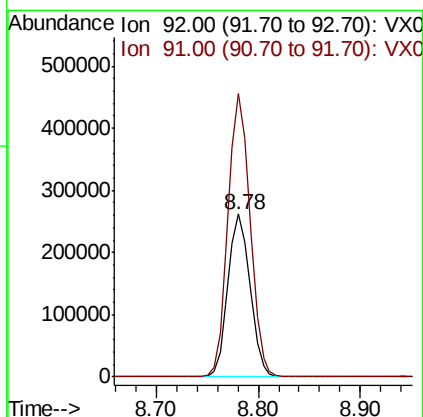
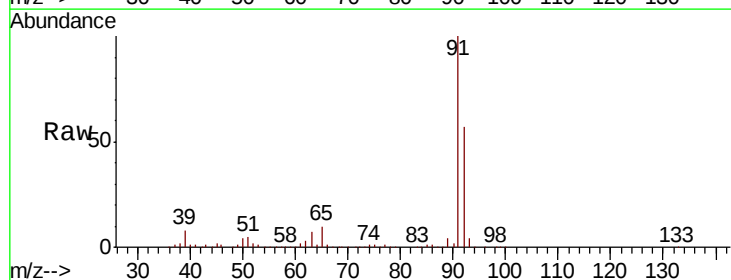
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

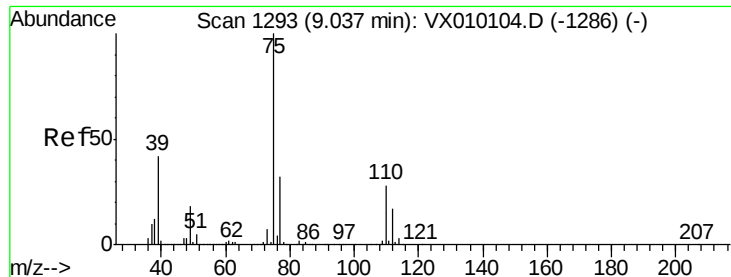
Tot Ion: 43 Resp: 1042166
 Ion Ratio Lower Upper
 43 100
 58 41.9 28.8 43.2



#52
 Toluene
 Concen: 49.840 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VX010239.D
 Acq: 12 Jun 2019 09:46

Tgt Ion: 92 Resp: 393026
 Ion Ratio Lower Upper
 92 100
 91 173.8 139.9 209.9





#53

t-1,3-Dichloropropene

Concen: 48.016 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

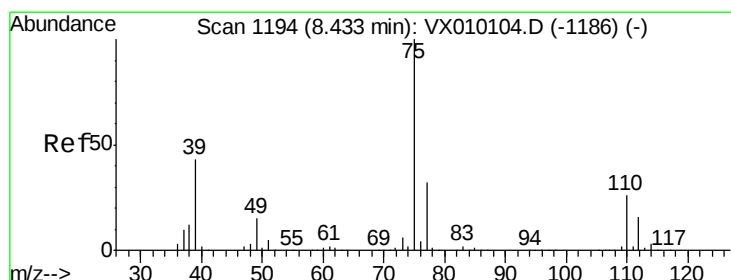
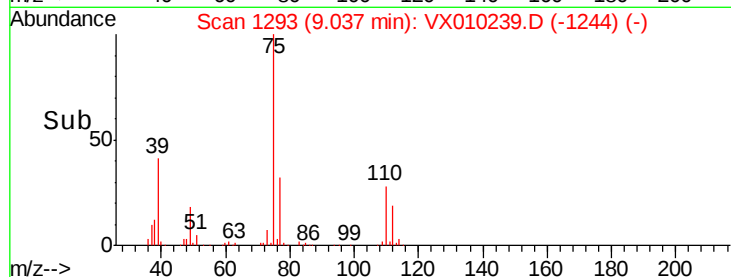
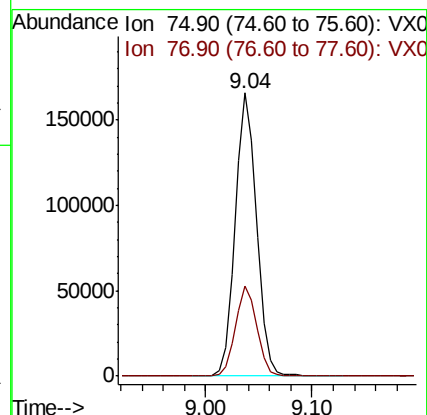
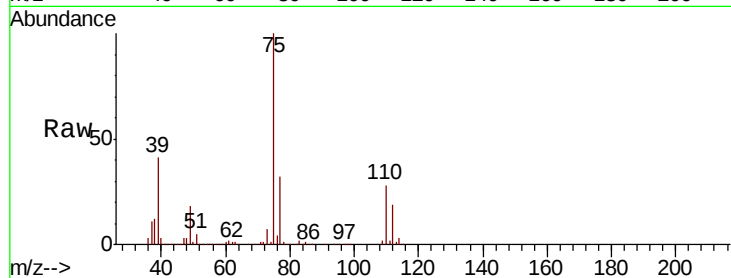
VSTDCCC050

Tot Ion: 75 Resp: 233451

Ion Ratio Lower Upper

75 100

77 31.9 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 48.368 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

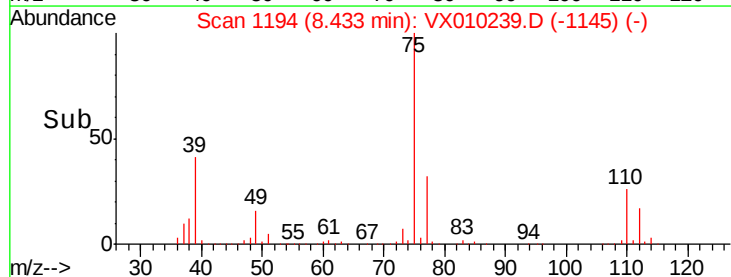
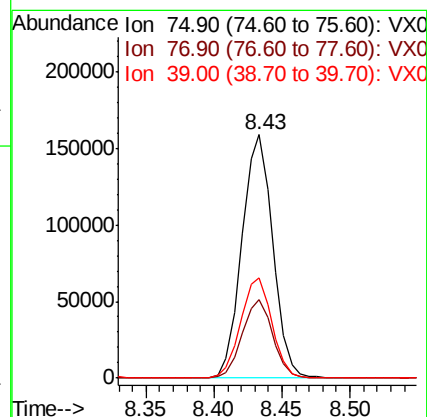
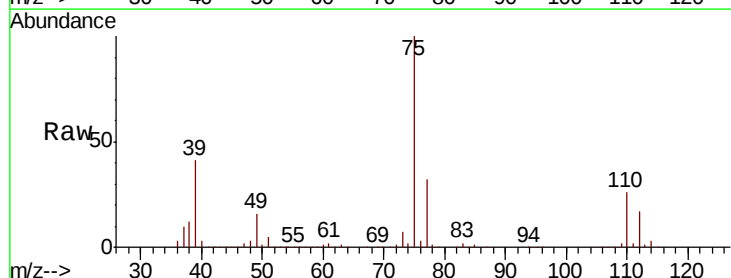
Tgt Ion: 75 Resp: 252104

Ion Ratio Lower Upper

75 100

77 32.3 24.8 37.2

39 40.8 43.4 65.0#

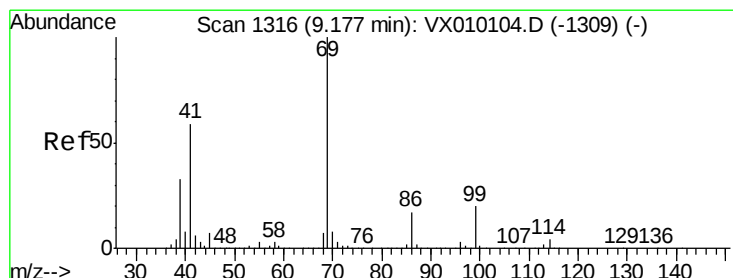
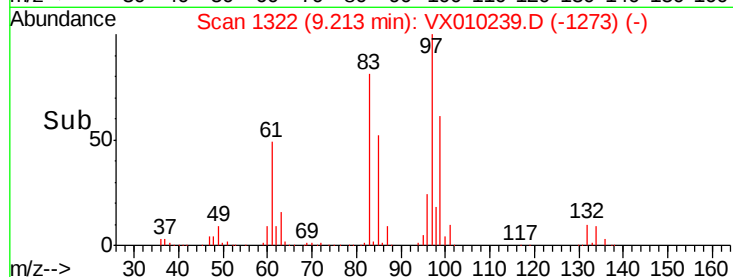
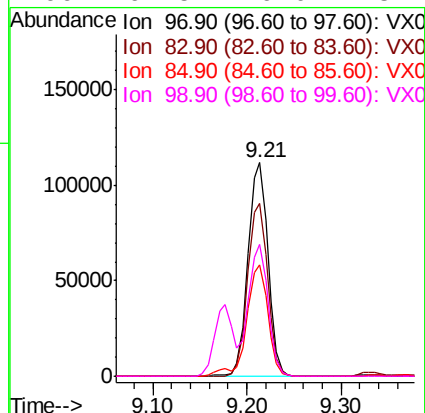
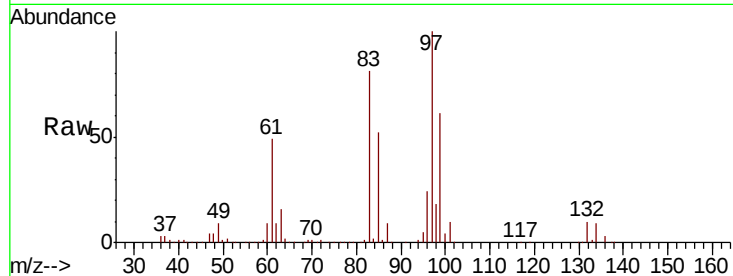




#55
 1,1,2-Trichloroethane
 Concen: 51.630 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010239.D
 Acq: 12 Jun 2019 09:46

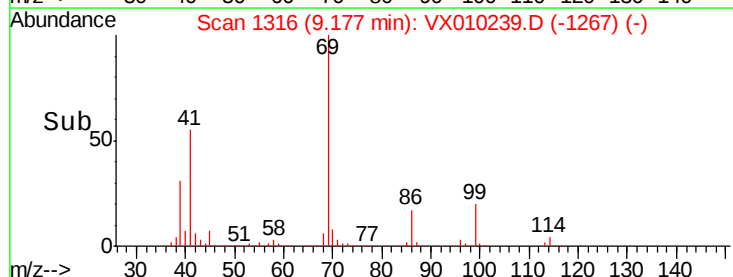
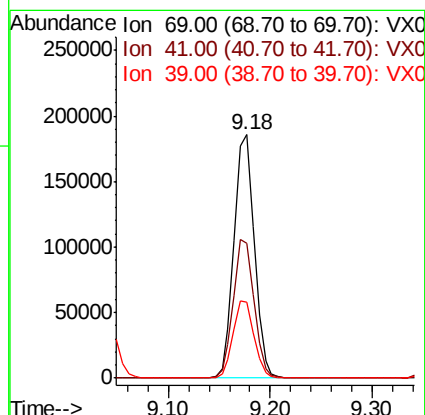
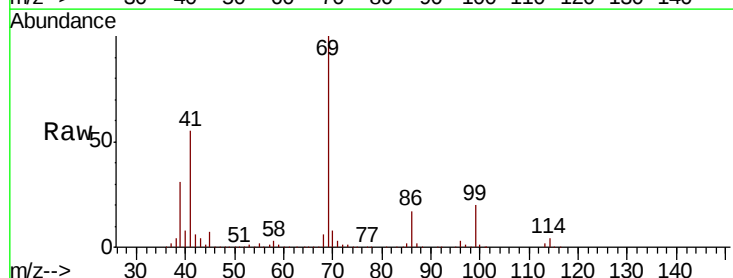
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 166744
 Ion Ratio Lower Upper
 97 100
 83 81.1 69.8 104.8
 85 52.1 45.3 67.9
 99 61.5 49.0 73.4



#56
 Ethyl methacrylate
 Concen: 50.238 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX010239.D
 Acq: 12 Jun 2019 09:46

Tgt Ion: 69 Resp: 256292
 Ion Ratio Lower Upper
 69 100
 41 57.9 62.7 94.1#
 39 32.4 29.5 44.3





#57

1,3-Dichloropropane

Concen: 49.001 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

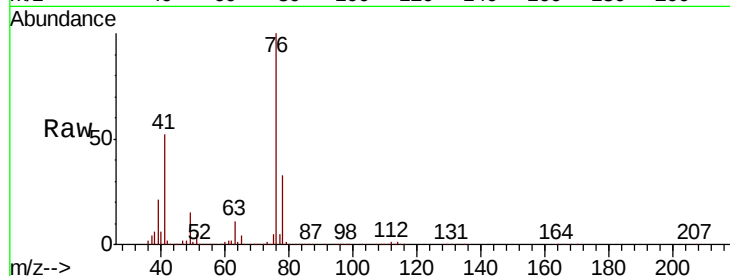
VSTDCCC050

Tot Ion: 76 Resp: 249141

Ion Ratio Lower Upper

76 100

78 32.9 25.4 38.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

200000

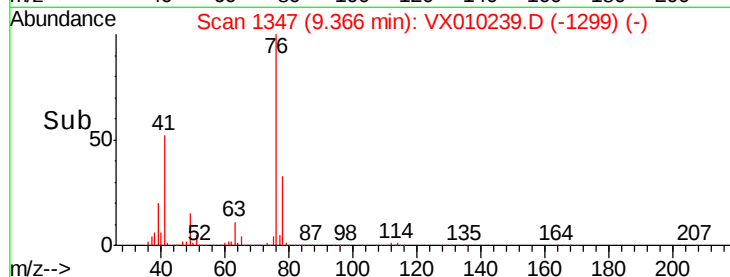
150000

100000

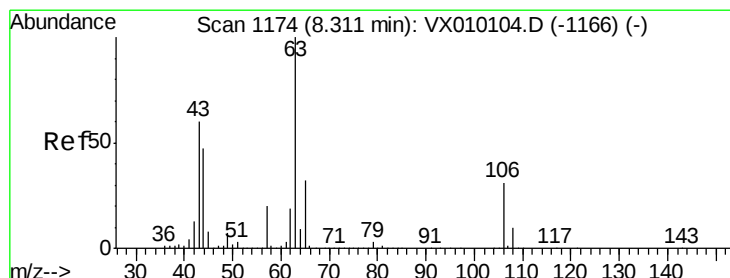
50000

0

9.25 9.30 9.35 9.40 9.45



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 233.838 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX010239.D

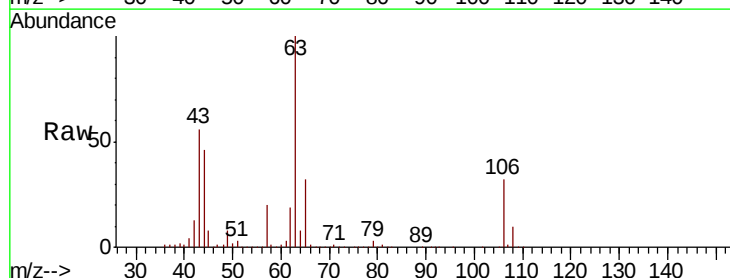
Acq: 12 Jun 2019 09:46

Tgt Ion: 63 Resp: 562386

Ion Ratio Lower Upper

63 100

106 31.3 19.4 29.2#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

400000

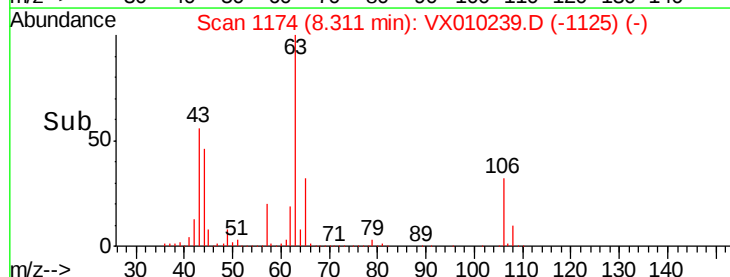
300000

200000

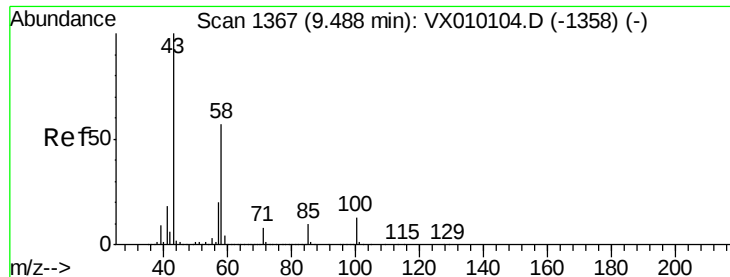
100000

0

8.20 8.25 8.30 8.35 8.40



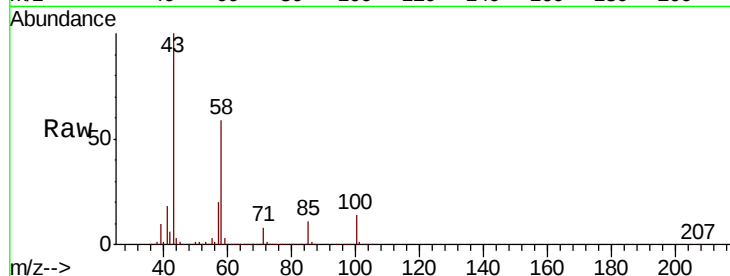
Time-->



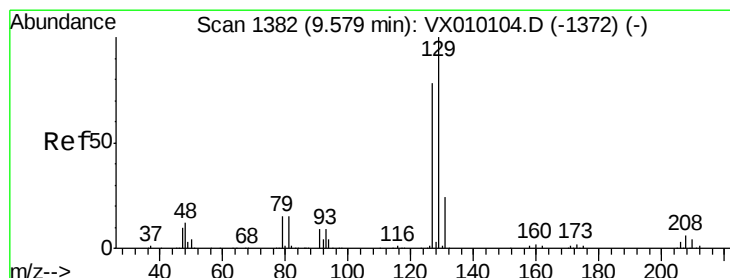
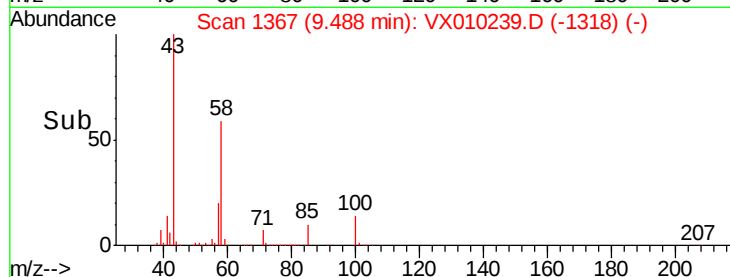
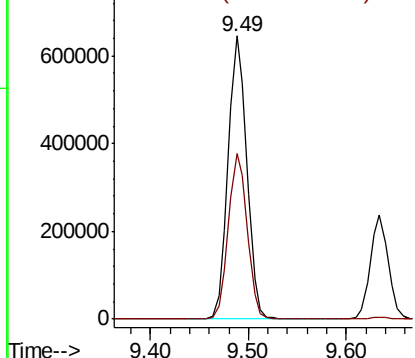
#59
2-Hexanone
Concen: 267.481 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010239.D
Acq: 12 Jun 2019 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 859874
Ion Ratio Lower Upper
43 100
58 58.9 25.1 75.3

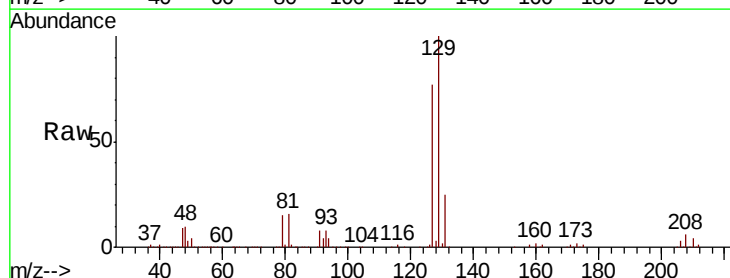


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

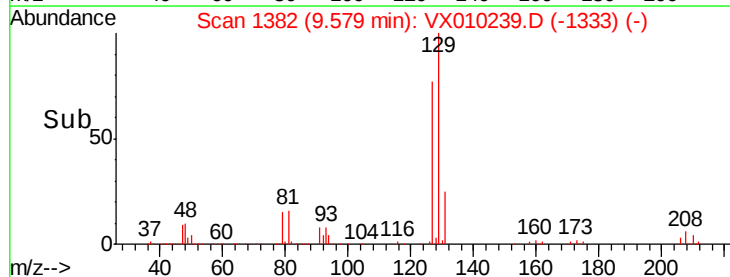
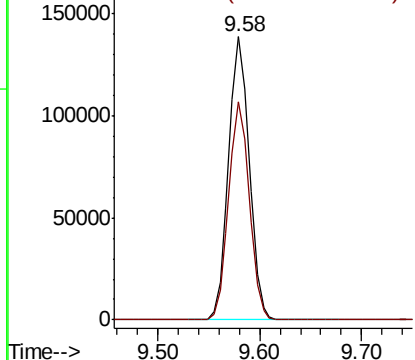


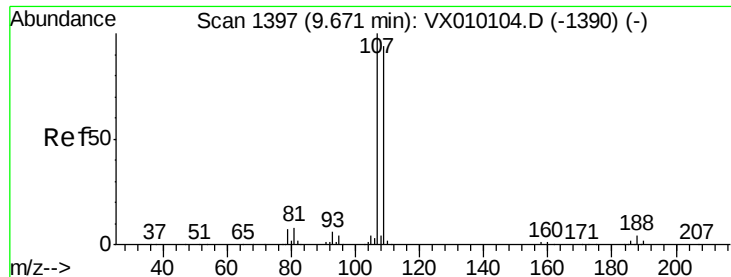
#60
Dibromochloromethane
Concen: 50.917 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010239.D
Acq: 12 Jun 2019 09:46

Tgt Ion:129 Resp: 194506
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.5



Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V





#61

1,2-Dibromoethane

Concen: 49.495 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

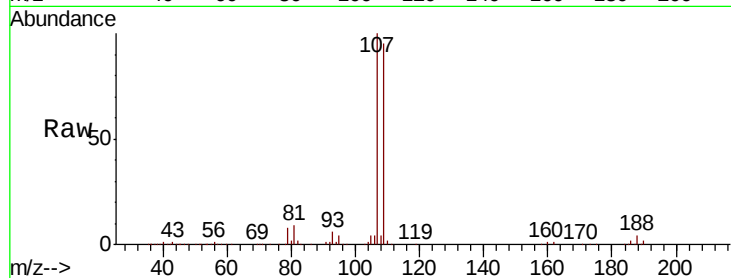
VSTDCCC050

Tot Ion:107 Resp: 178028

Ion Ratio Lower Upper

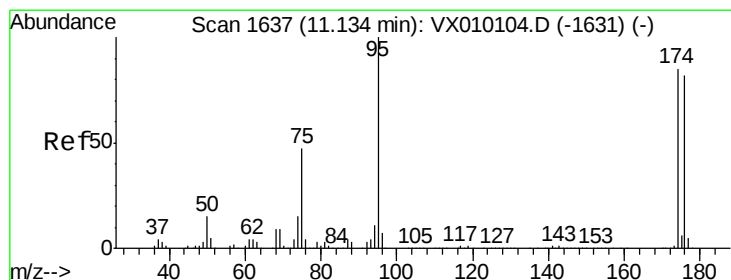
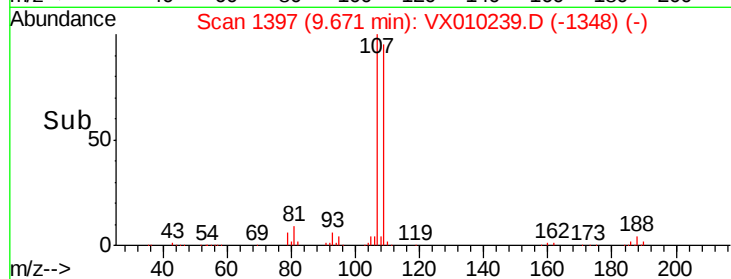
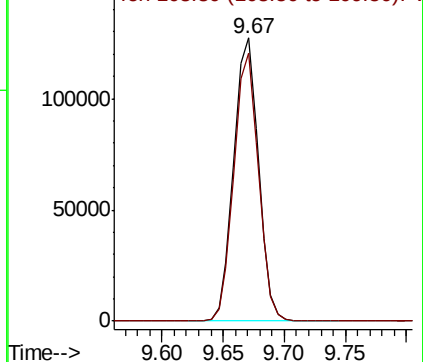
107 100

109 93.9 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.293 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

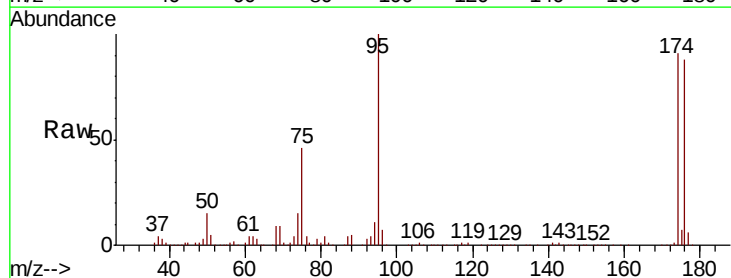
Tgt Ion: 95 Resp: 210582

Ion Ratio Lower Upper

95 100

174 93.4 0.0 160.4

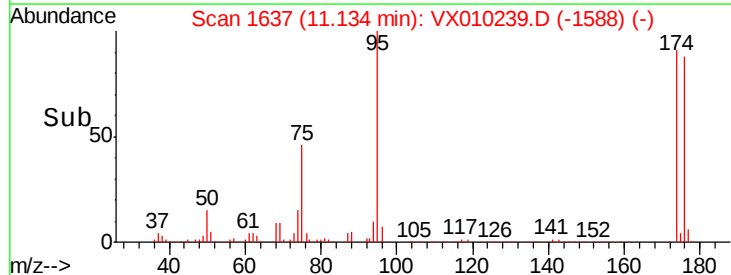
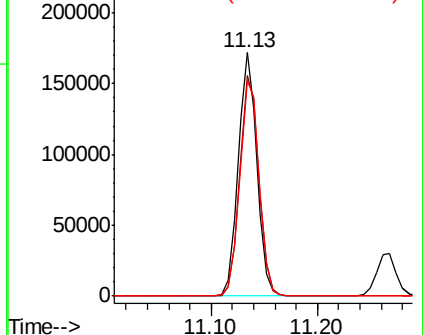
176 92.0 0.0 154.6

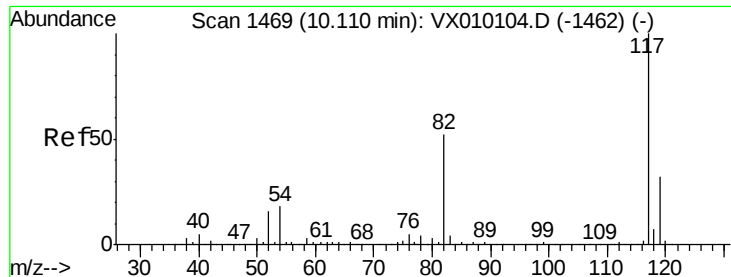


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

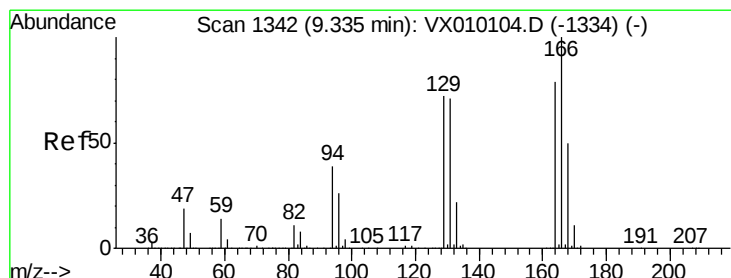
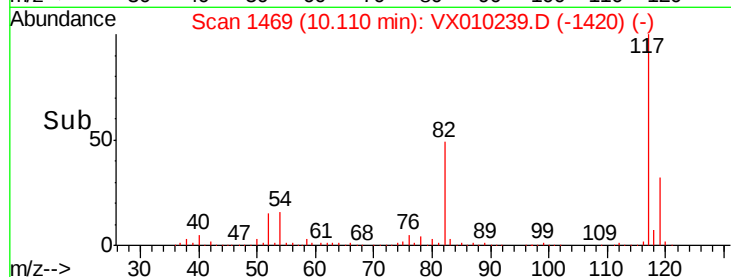
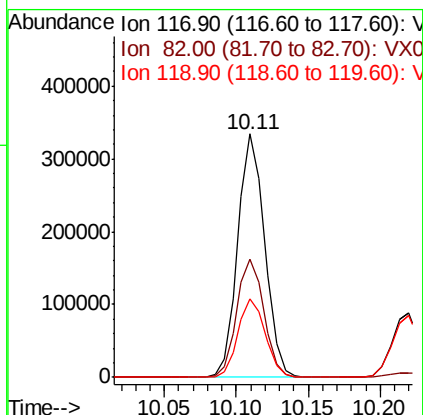
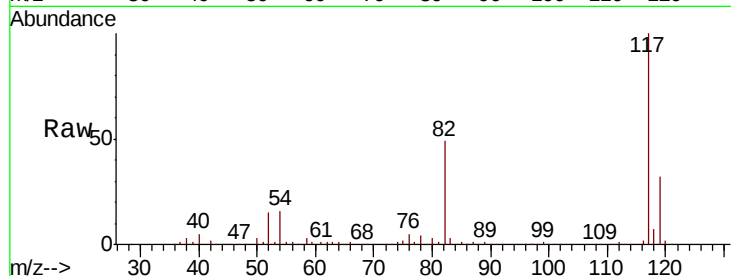




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010239.D
Acq: 12 Jun 2019 09:46

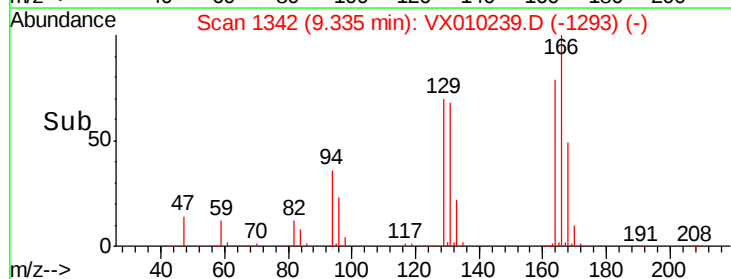
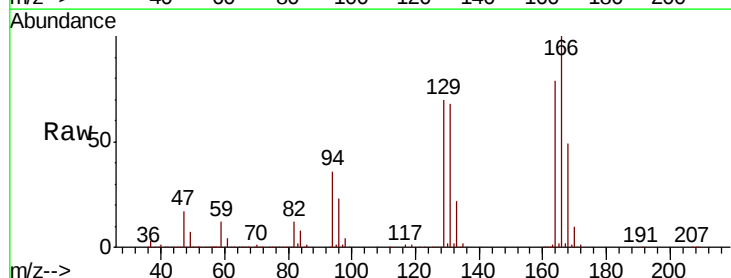
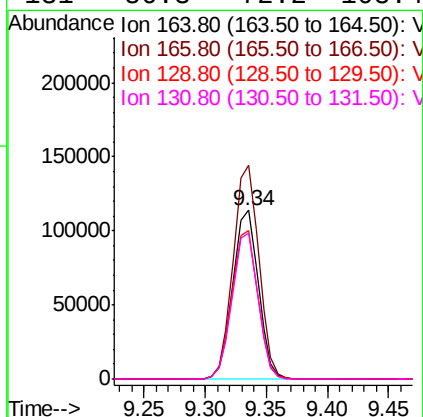
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

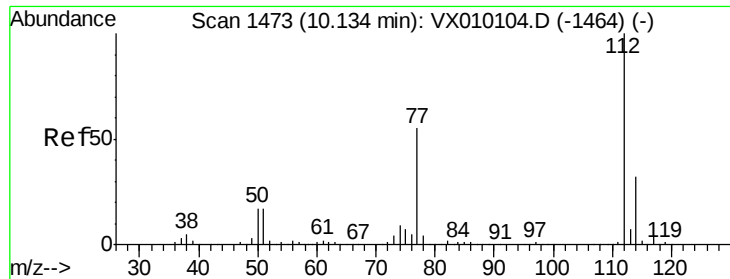
Tot Ion:117 Resp: 437190
Ion Ratio Lower Upper
117 100
82 48.7 49.2 73.8#
119 32.2 25.2 37.8



#64
Tetrachloroethene
Concen: 50.420 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010239.D
Acq: 12 Jun 2019 09:46

Tgt Ion:164 Resp: 163719
Ion Ratio Lower Upper
164 100
166 126.5 105.0 157.4
129 88.1 75.1 112.7
131 86.3 72.2 108.4

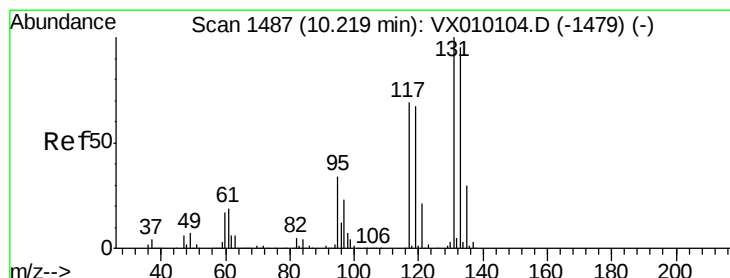
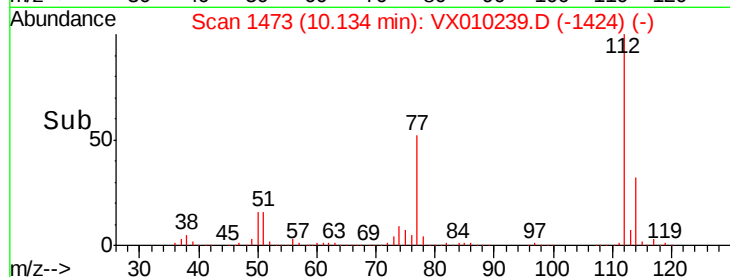
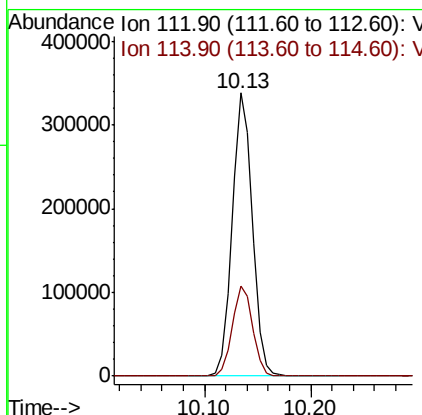
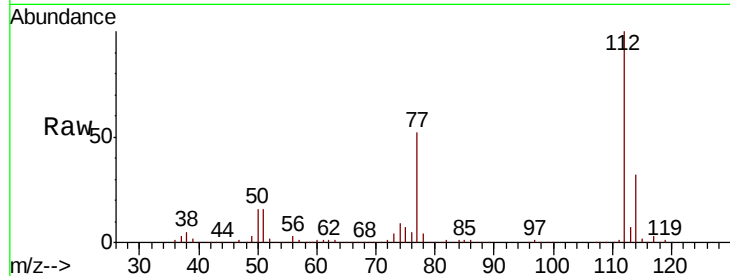




#65
Chlorobenzene
Concen: 49.825 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX010239.D
Acq: 12 Jun 2019 09:46

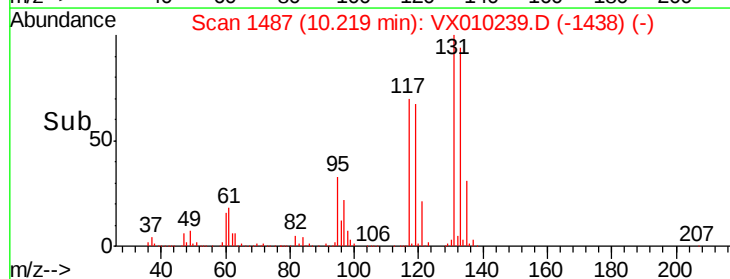
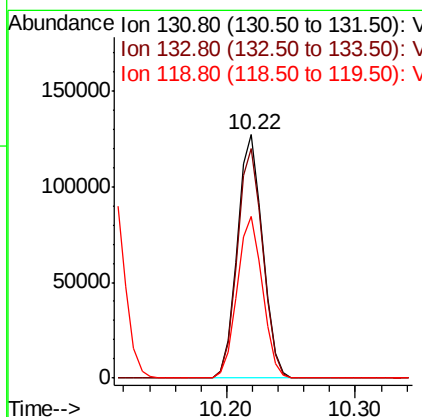
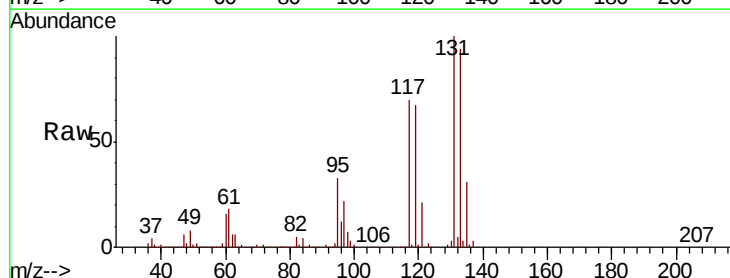
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

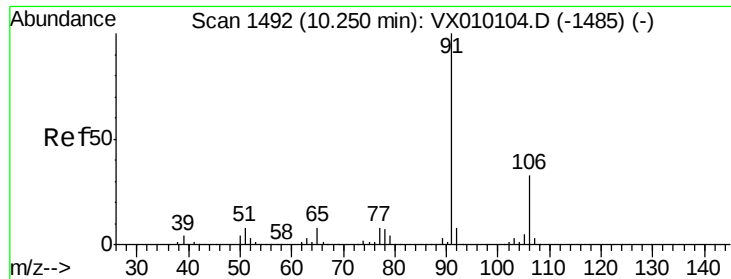
Tot Ion:112 Resp: 449580
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 49.881 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010239.D
Acq: 12 Jun 2019 09:46

Tgt Ion:131 Resp: 173087
Ion Ratio Lower Upper
131 100
133 95.2 47.5 142.6
119 66.9 33.4 100.1

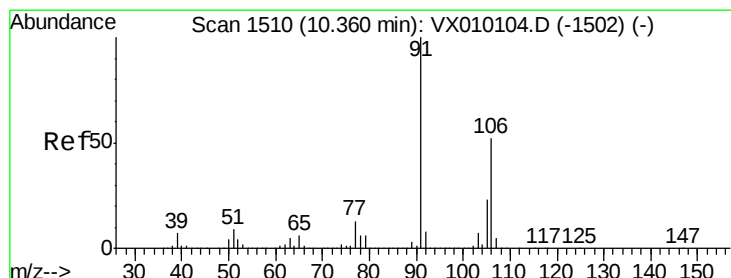
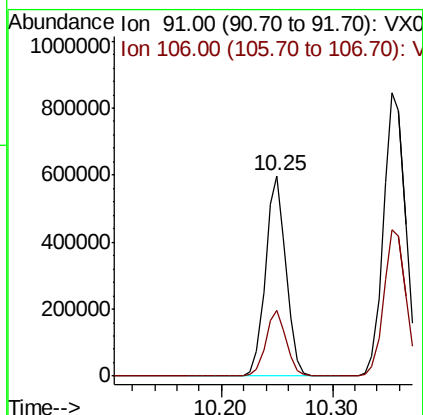
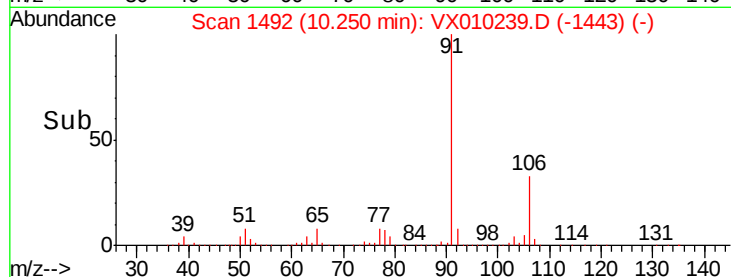
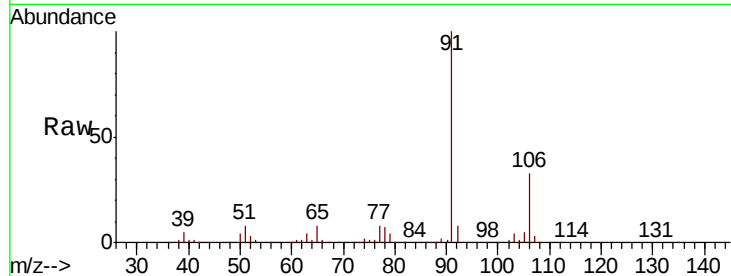




#67
Ethyl Benzene
Concen: 49.988 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010239.D
Acq: 12 Jun 2019 09:46

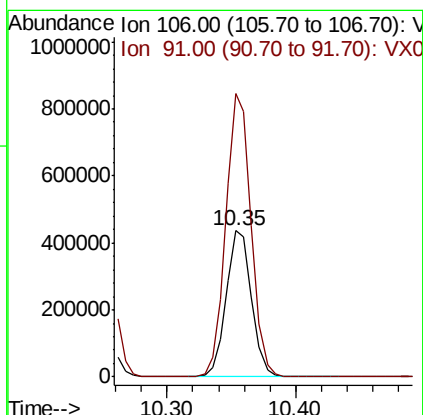
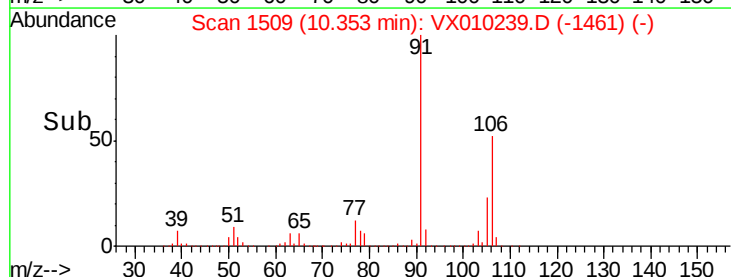
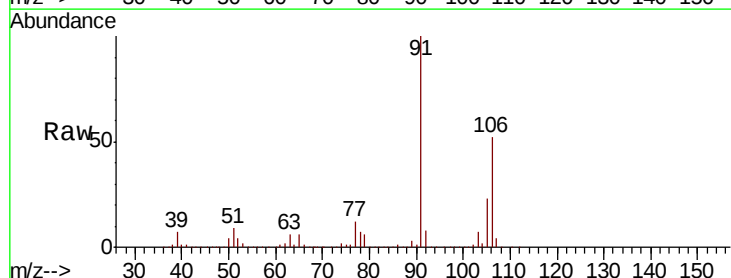
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

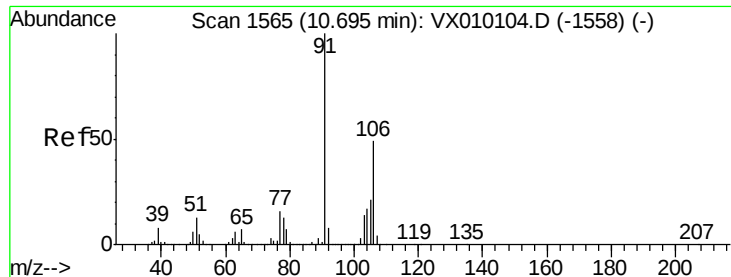
Tot Ion: 91 Resp: 767858
Ion Ratio Lower Upper
91 100
106 32.9 23.9 35.9



#68
m/p-Xylenes
Concen: 101.174 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX010239.D
Acq: 12 Jun 2019 09:46

Tgt Ion: 106 Resp: 601392
Ion Ratio Lower Upper
106 100
91 193.1 167.3 250.9

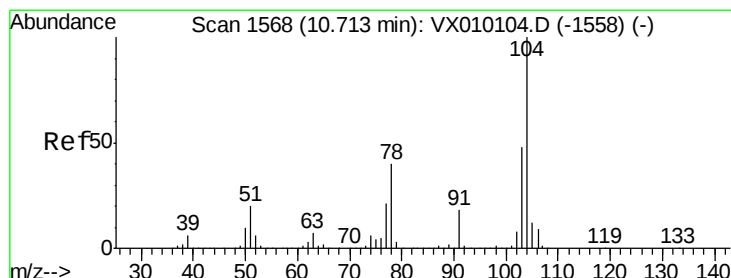
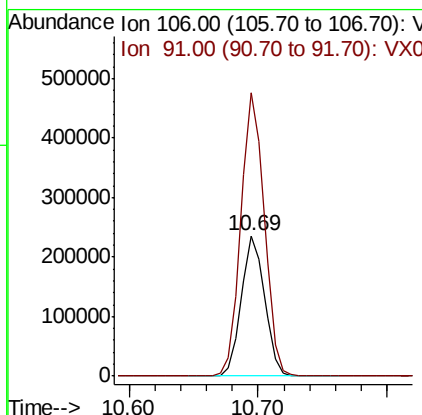
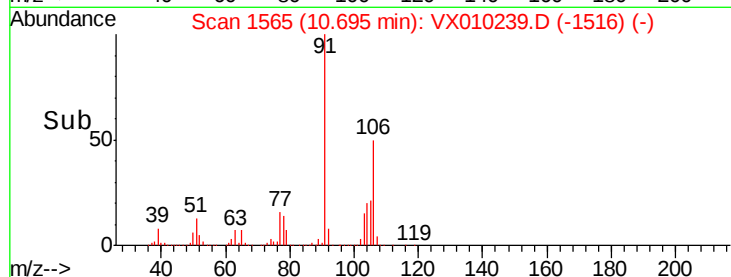
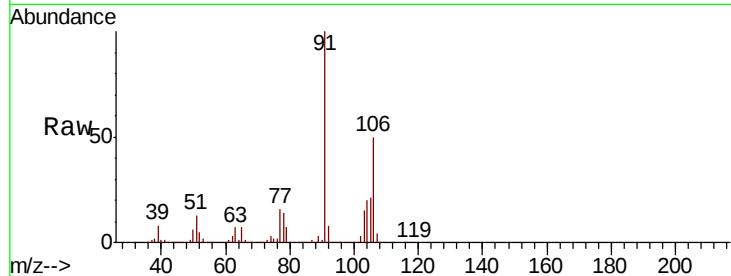




#69
o-Xylene
Concen: 49.891 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010239.D
Acq: 12 Jun 2019 09:46

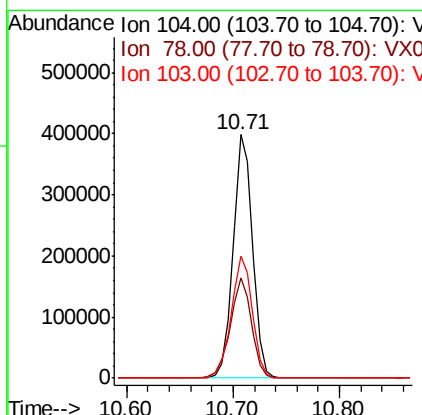
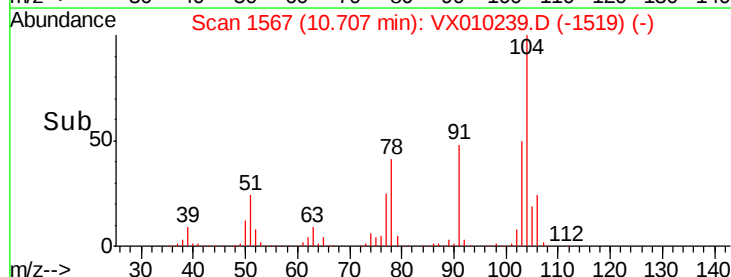
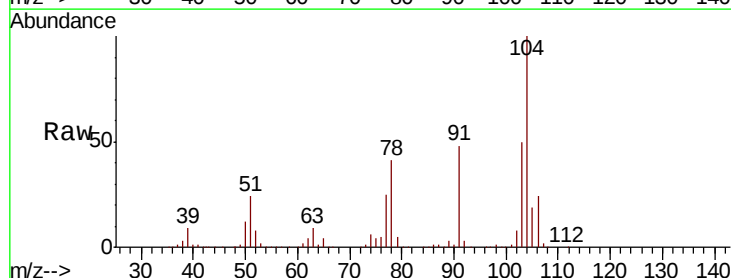
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

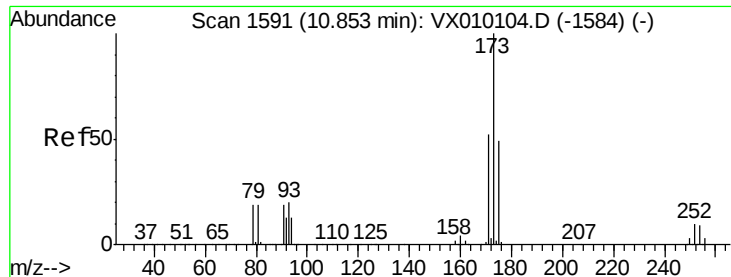
Tot Ion:106 Resp: 294794
Ion Ratio Lower Upper
106 100
91 202.7 110.4 331.2



#70
Styrene
Concen: 51.016 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010239.D
Acq: 12 Jun 2019 09:46

Tgt Ion:104 Resp: 510541
Ion Ratio Lower Upper
104 100
78 44.7 42.1 63.1
103 54.6 44.1 66.1





#71

Bromoform

Concen: 50.939 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

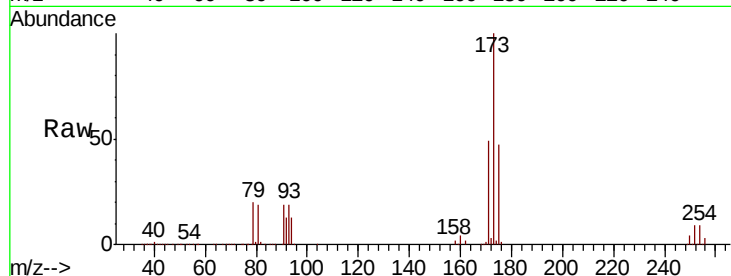
Tot Ion:173 Resp: 162497

Ion Ratio Lower Upper

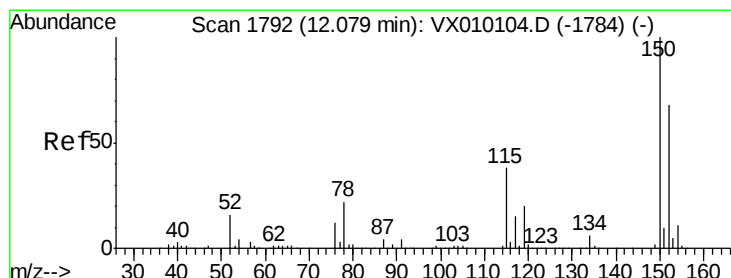
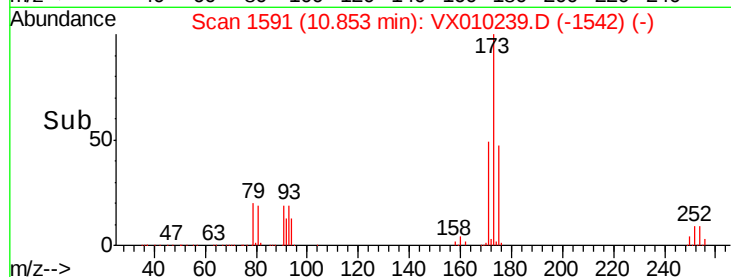
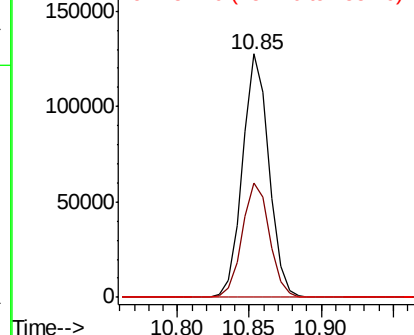
173 100

175 48.4 25.0 75.0

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: VX010239.D

Acq: 12 Jun 2019 09:46

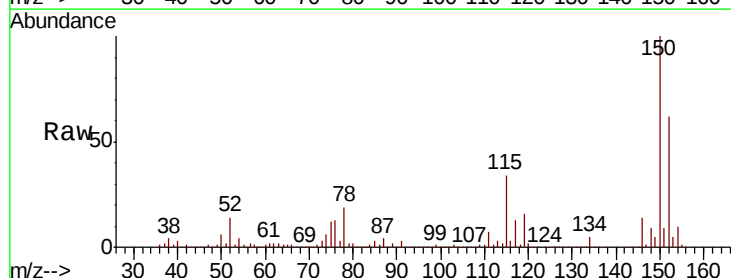
Tgt Ion:152 Resp: 229440

Ion Ratio Lower Upper

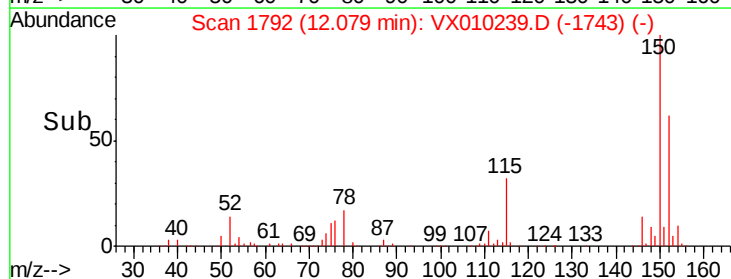
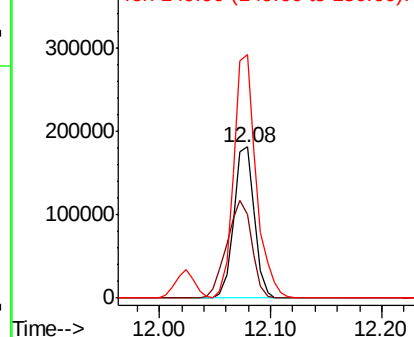
152 100

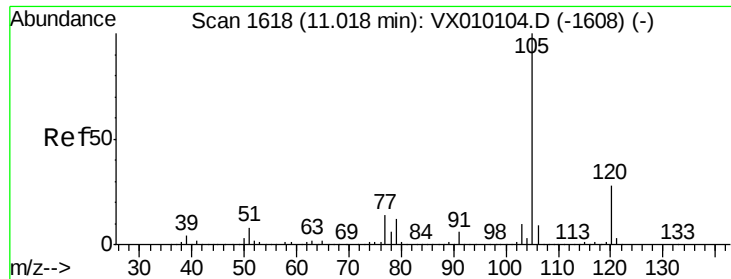
115 78.7 41.4 124.2

150 175.6 0.0 345.2



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: 48.967 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

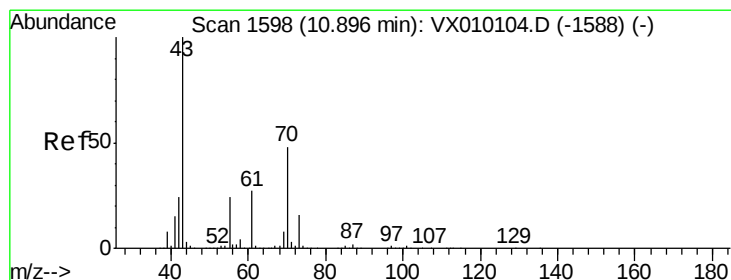
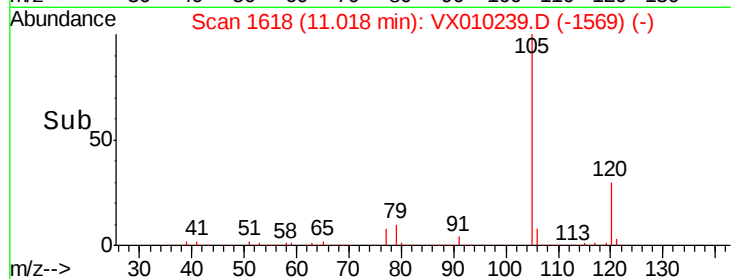
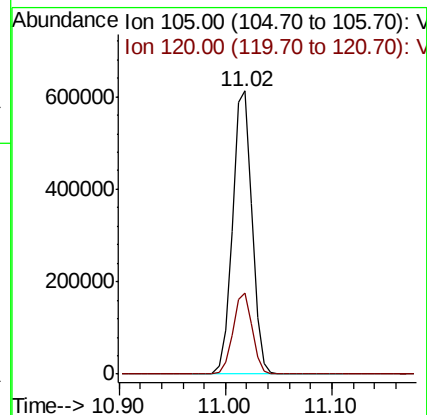
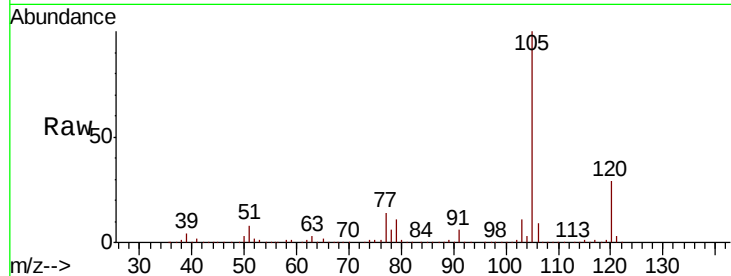
VSTDCCC050

Tot Ion:105 Resp: 784279

Ion Ratio Lower Upper

105 100

120 28.4 12.8 38.4



#74

N-ethyl acetate

Concen: 47.750 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

Tgt Ion: 43 Resp: 302315

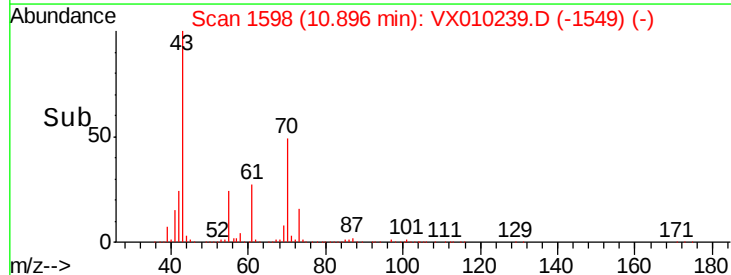
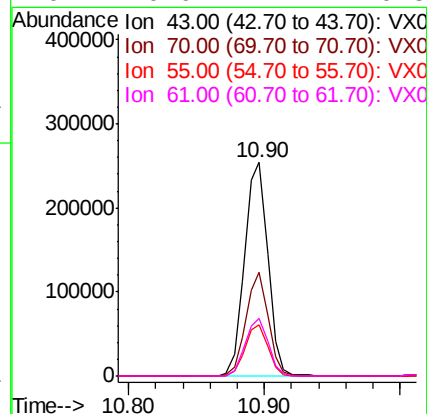
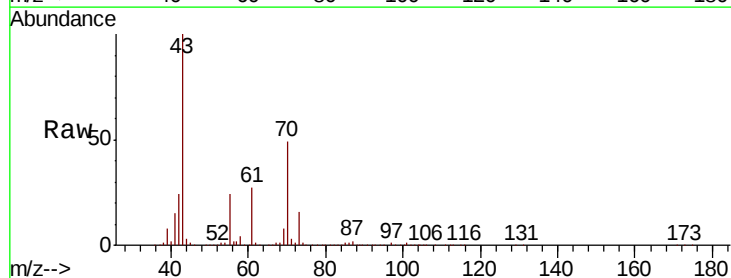
Ion Ratio Lower Upper

43 100

70 46.3 28.6 43.0#

55 23.8 17.8 26.8

61 26.9 17.7 26.5#





#75

1,1,2,2-Tetrachloroethane

Concen: 47.545 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

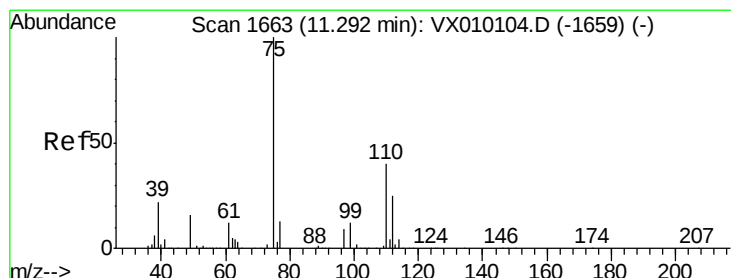
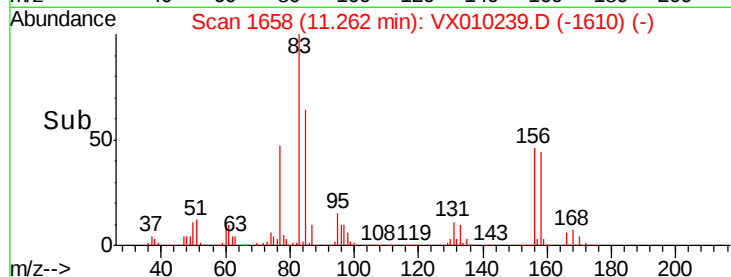
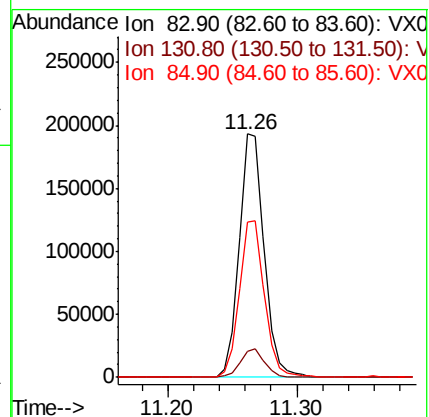
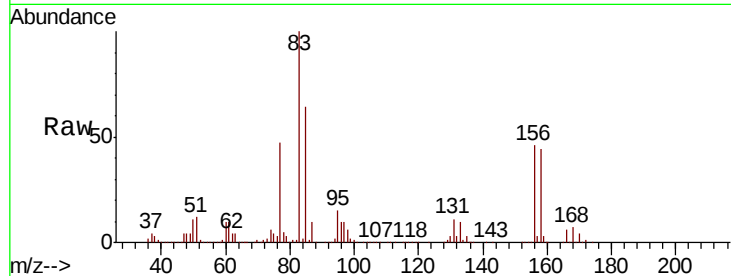
Tot Ion: 83 Resp: 260670

Ion	Ratio	Lower	Upper
83	100		
131	11.1	4.7	14.1
85	65.0	31.9	95.9

83 100

131 11.1 4.7 14.1

85 65.0 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 65.964 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX010239.D

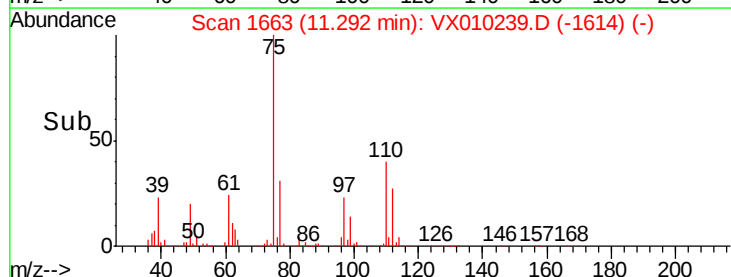
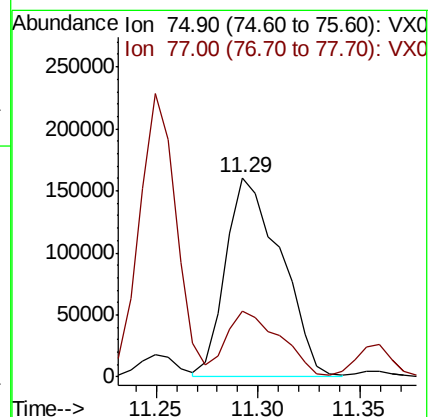
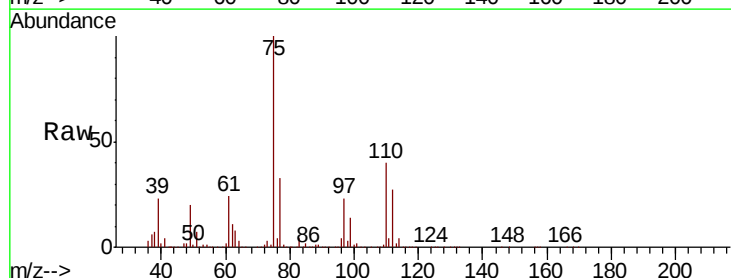
Acq: 12 Jun 2019 09:46

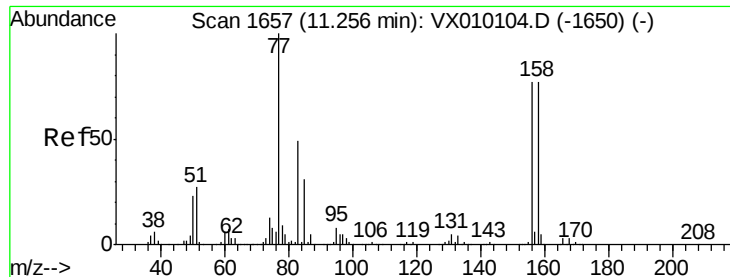
Tgt Ion: 75 Resp: 302725

Ion	Ratio	Lower	Upper
75	100		
77	32.3	22.1	66.1

75 100

77 32.3 22.1 66.1





#77

Bromobenzene

Concen: 48.892 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

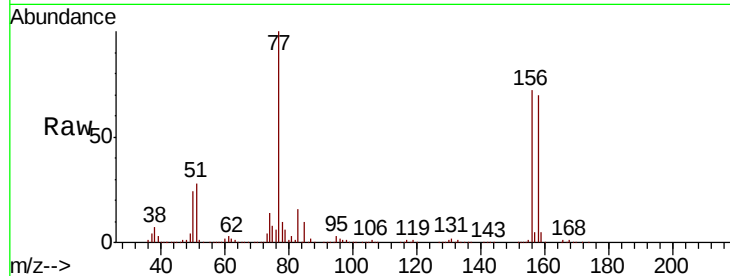
Tot Ion:156 Resp: 215344

Ion Ratio Lower Upper

156 100

77 132.8 86.8 260.3

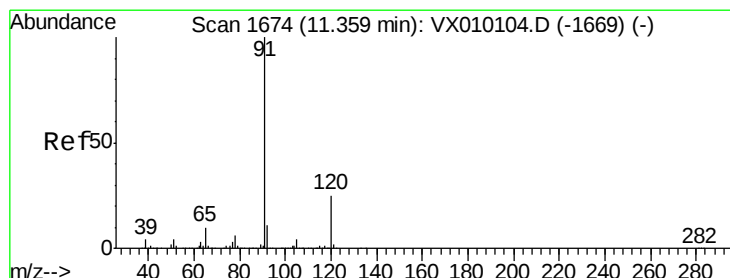
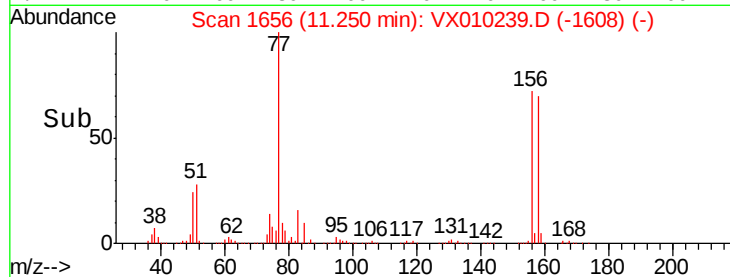
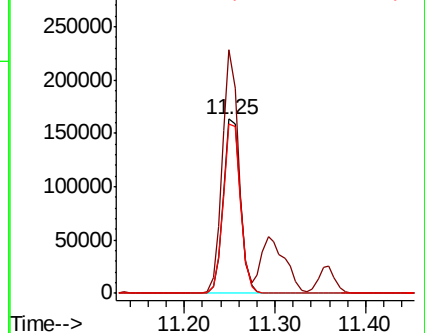
158 97.7 49.6 148.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.615 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010239.D

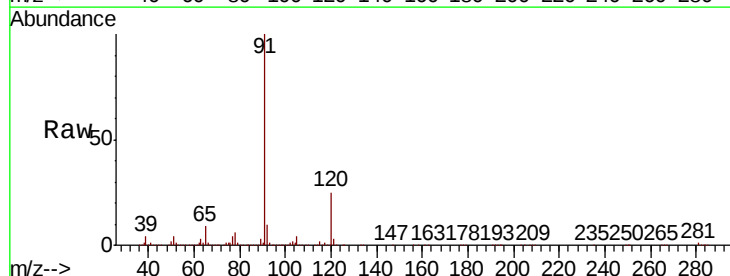
Acq: 12 Jun 2019 09:46

Tgt Ion: 91 Resp: 884676

Ion Ratio Lower Upper

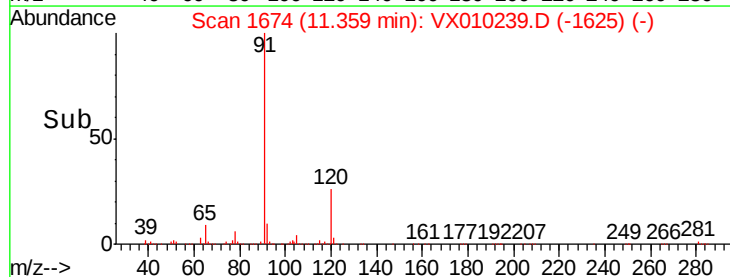
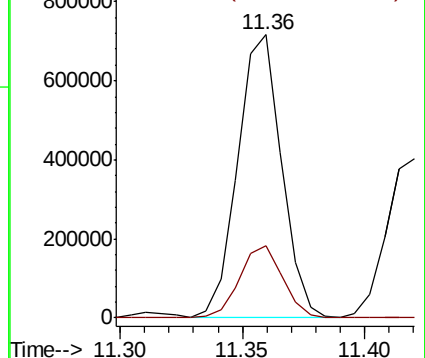
91 100

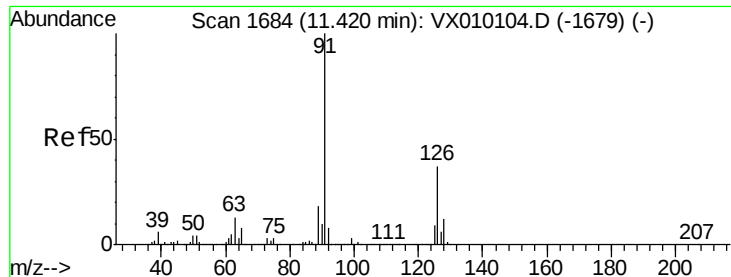
120 25.2 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.030 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

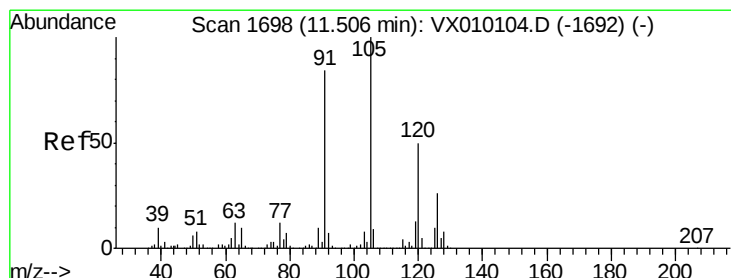
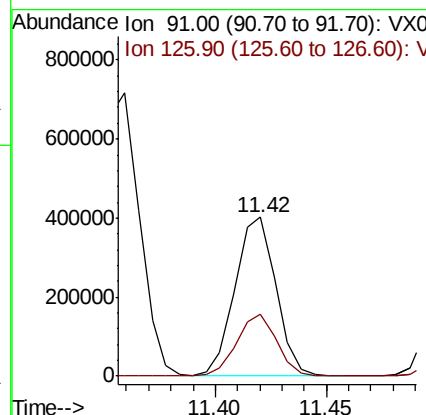
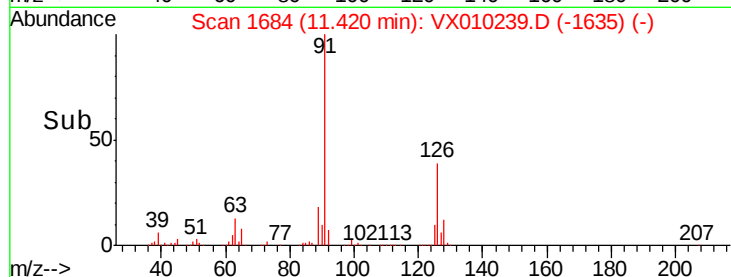
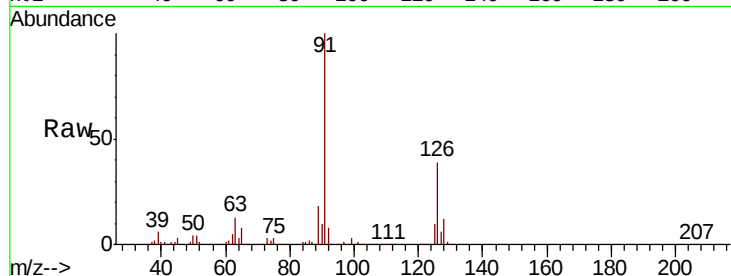
VSTDCCC050

Tot Ion: 91 Resp: 514363

Ion Ratio Lower Upper

91 100

126 38.0 16.1 48.3



#80

1,3,5-Trimethylbenzene

Concen: 48.853 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010239.D

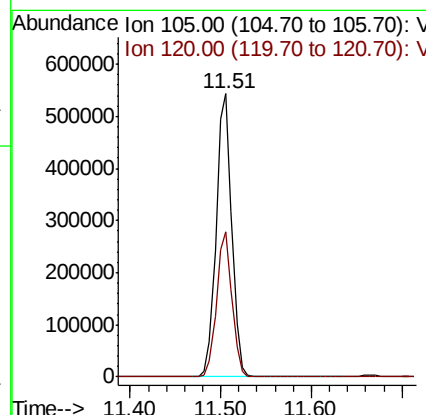
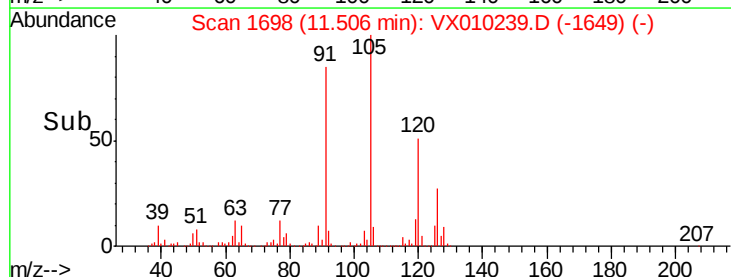
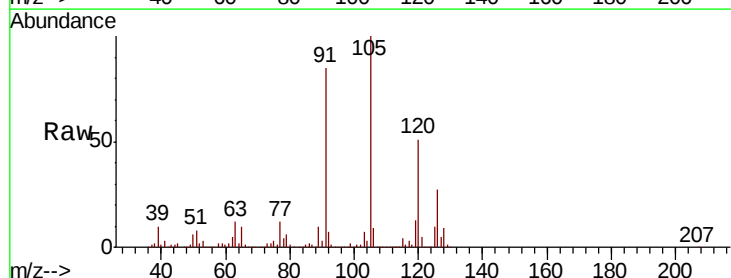
Acq: 12 Jun 2019 09:46

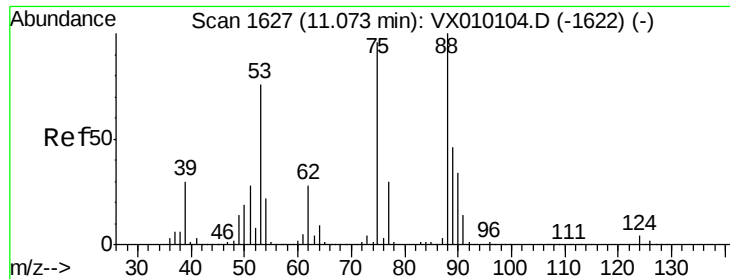
Tgt Ion: 105 Resp: 659037

Ion Ratio Lower Upper

105 100

120 50.5 24.1 72.3

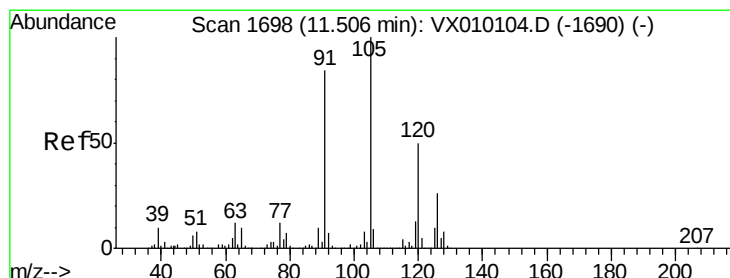
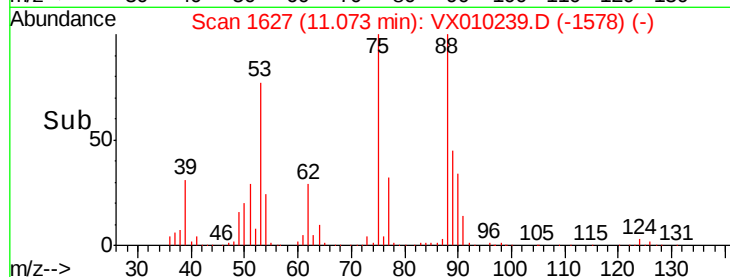
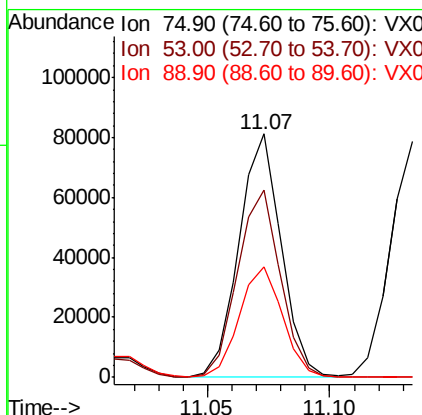
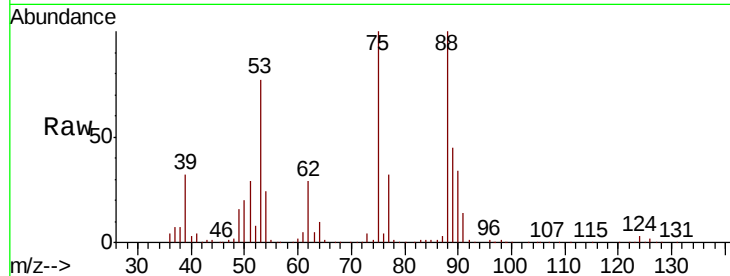




#81
trans-1,4-Dichloro-2-butene
Concen: 46.796 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX010239.D
Acq: 12 Jun 2019 09:46

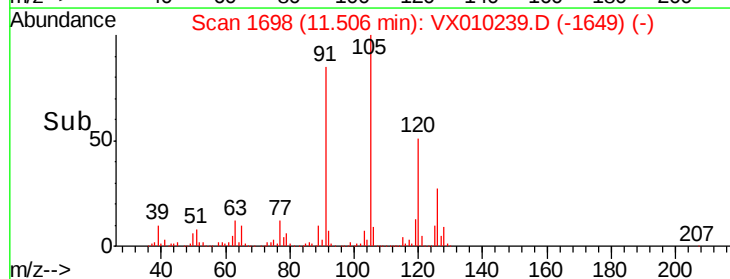
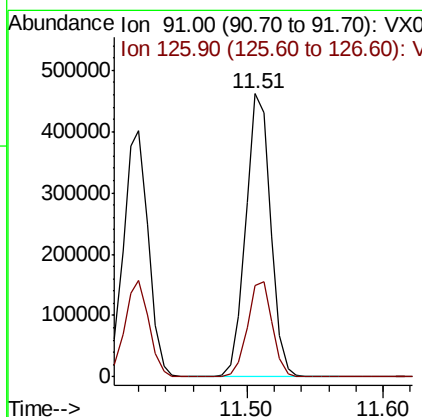
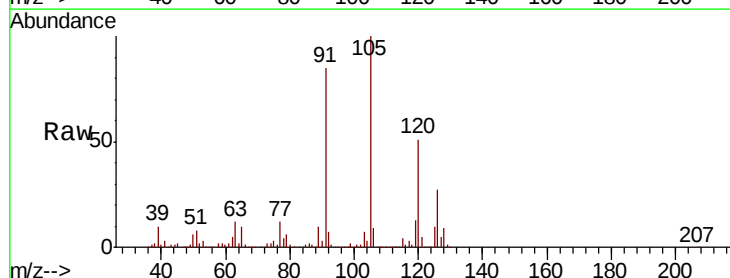
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

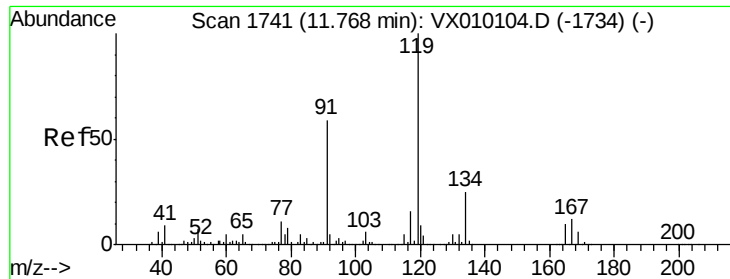
Tot Ion: 75 Resp: 97201
Ion Ratio Lower Upper
75 100
53 77.9 79.8 119.6#
89 46.7 34.2 51.4



#82
4-Chlorotoluene
Concen: 48.476 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX010239.D
Acq: 12 Jun 2019 09:46

Tgt Ion: 91 Resp: 589723
Ion Ratio Lower Upper
91 100
126 33.6 14.2 42.6

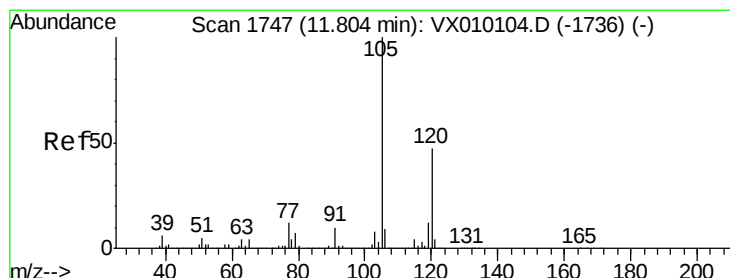
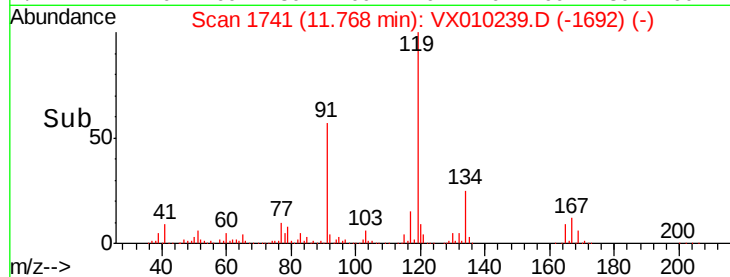
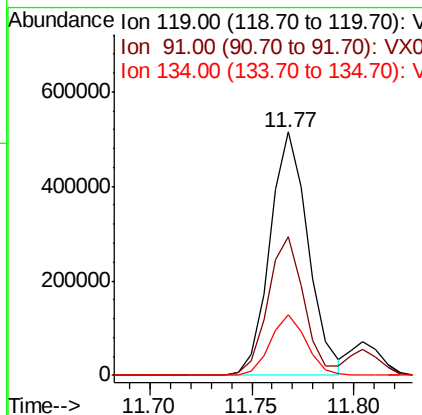
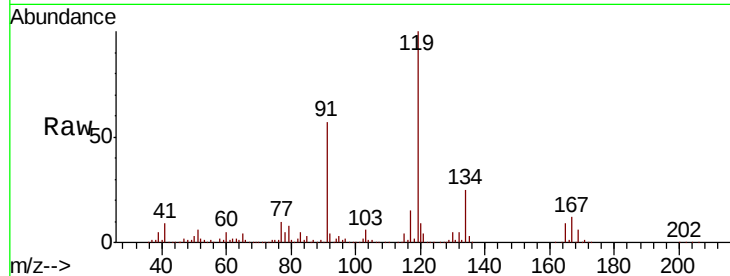




#83
 tert-Butylbenzene
 Concen: 49.348 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX010239.D
 Acq: 12 Jun 2019 09:46

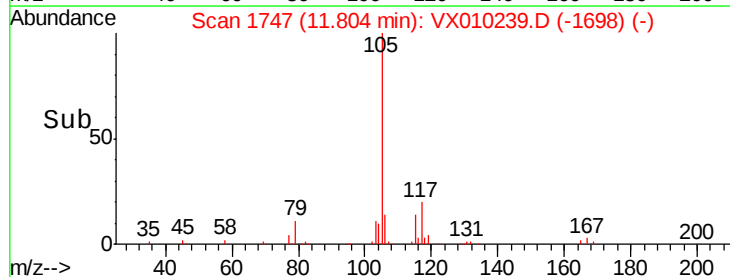
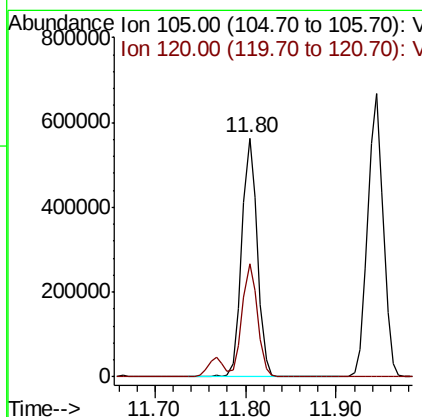
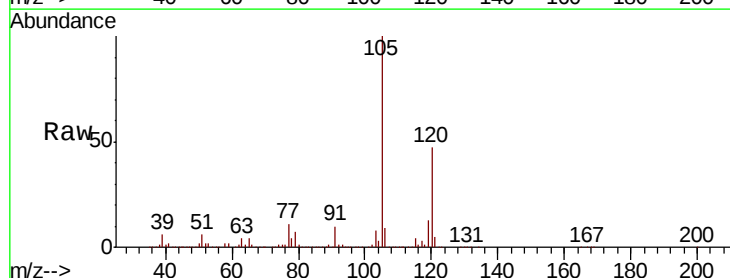
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

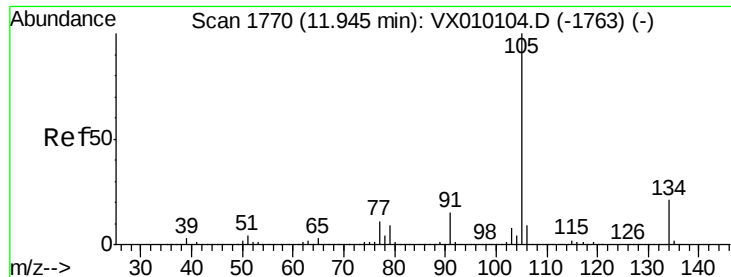
Tot Ion:119 Resp: 673790
 Ion Ratio Lower Upper
 119 100
 91 54.1 30.0 90.0
 134 23.4 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 49.052 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX010239.D
 Acq: 12 Jun 2019 09:46

Tgt Ion:105 Resp: 668394
 Ion Ratio Lower Upper
 105 100
 120 47.1 22.1 66.1





#85

sec-Butylbenzene

Concen: 49.911 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

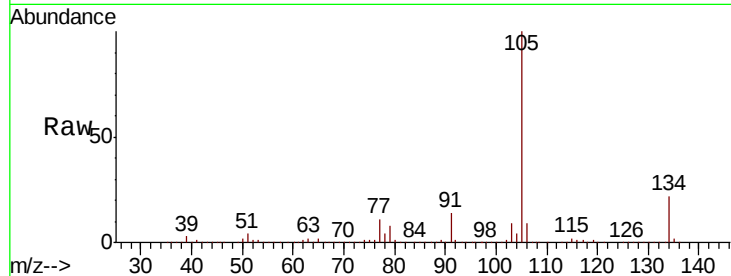
VSTDCCC050

Tot Ion:105 Resp: 793948

Ion Ratio Lower Upper

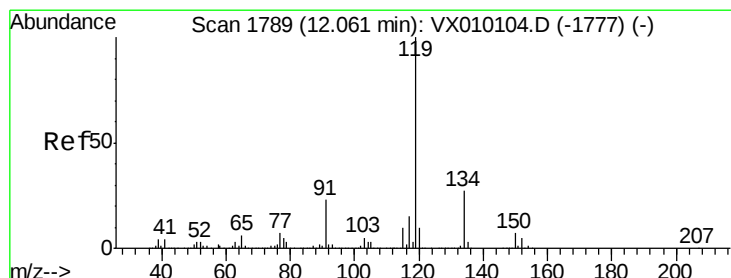
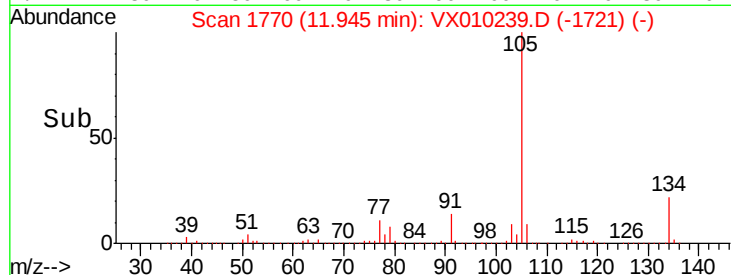
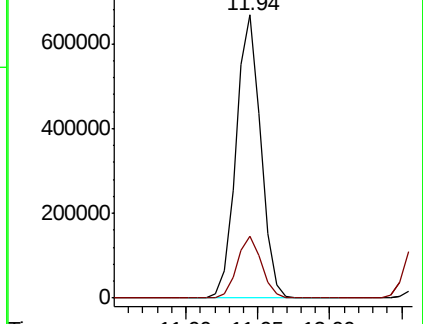
105 100

134 21.6 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.604 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

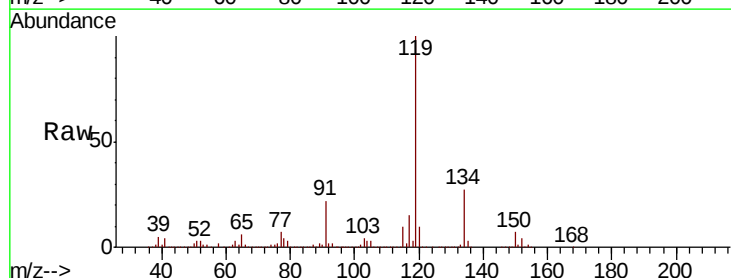
Tgt Ion:119 Resp: 735896

Ion Ratio Lower Upper

119 100

134 27.5 12.9 38.6

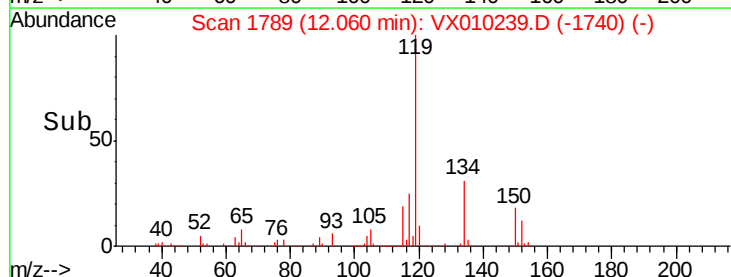
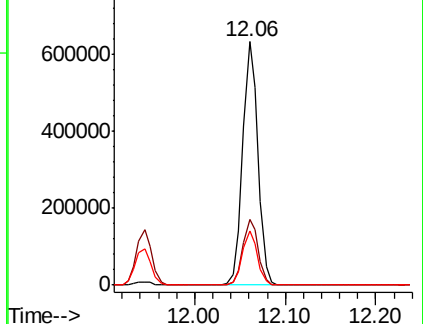
91 21.9 11.9 35.9

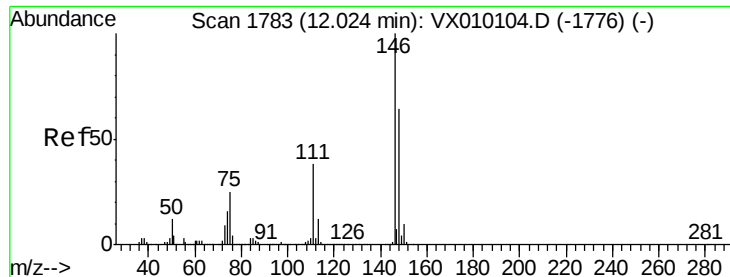


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

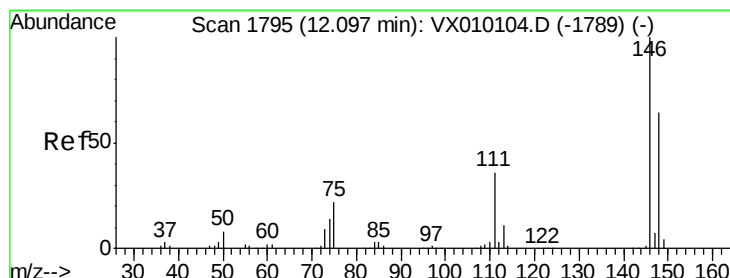
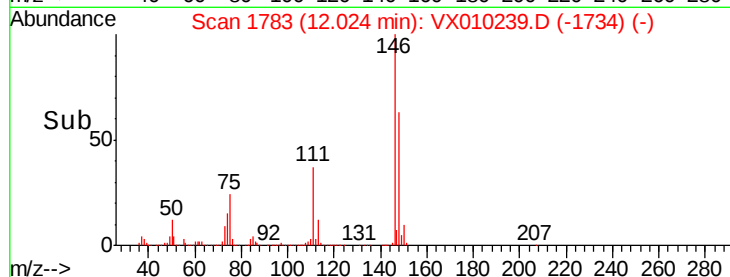
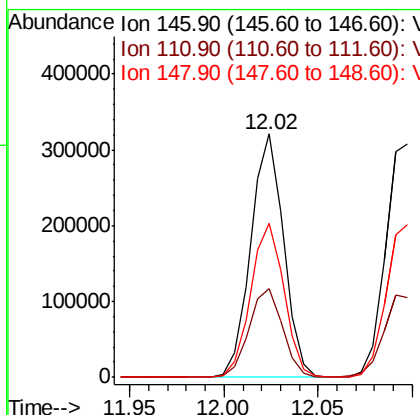
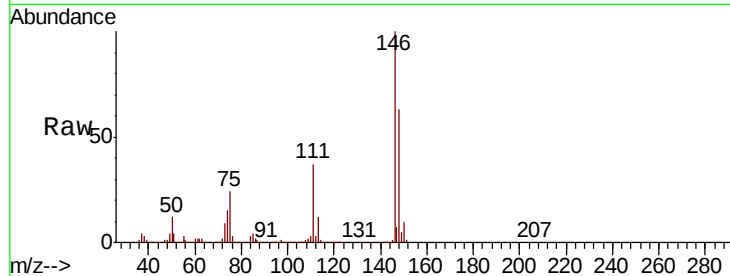




#87
 1,3-Dichlorobenzene
 Concen: 49.971 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010239.D
 Acq: 12 Jun 2019 09:46

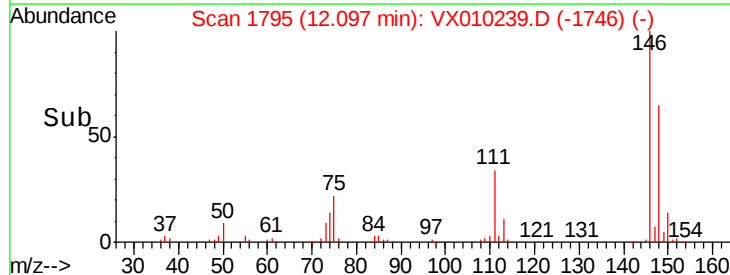
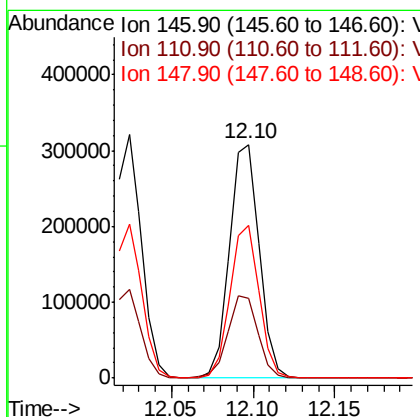
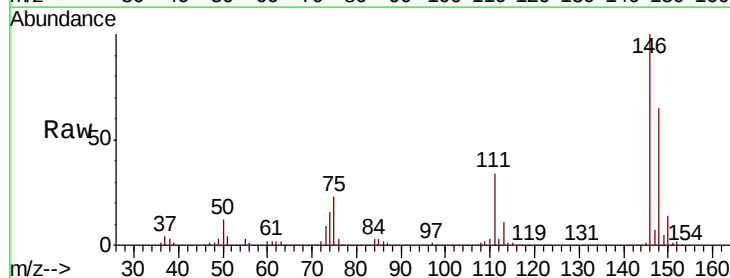
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

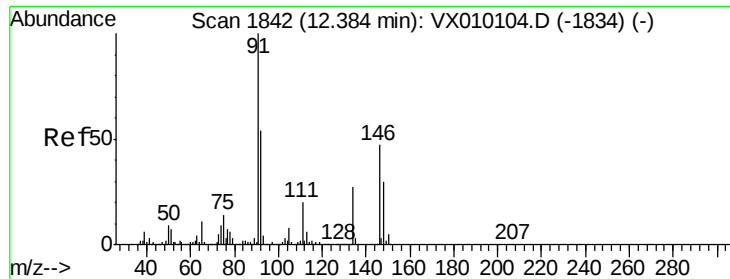
Tot Ion:146 Resp: 387679
 Ion Ratio Lower Upper
 146 100
 111 37.3 20.1 60.2
 148 64.2 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 49.574 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010239.D
 Acq: 12 Jun 2019 09:46

Tgt Ion:146 Resp: 387703
 Ion Ratio Lower Upper
 146 100
 111 35.9 20.0 59.9
 148 64.3 32.3 96.9

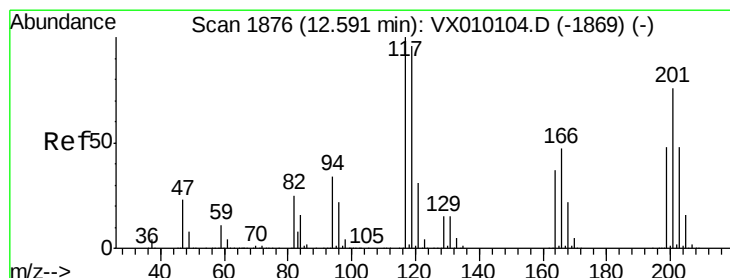
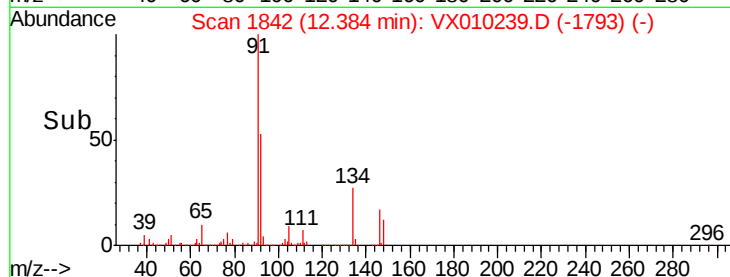
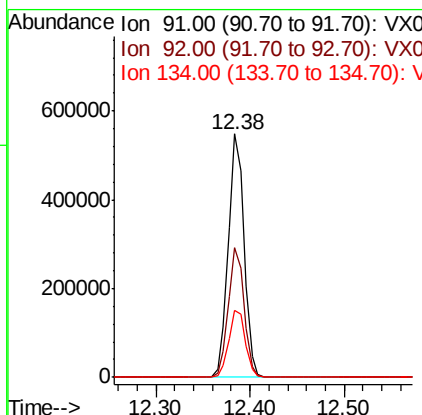
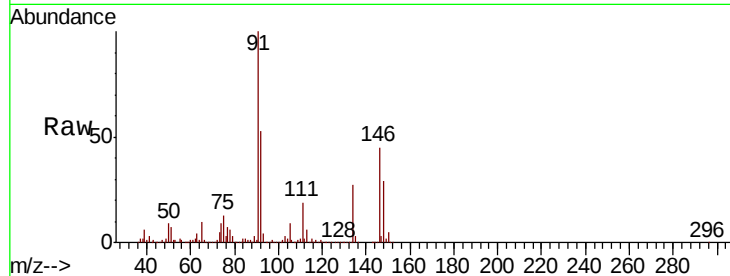




#89
n-Butylbenzene
Concen: 51.179 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010239.D
Acq: 12 Jun 2019 09:46

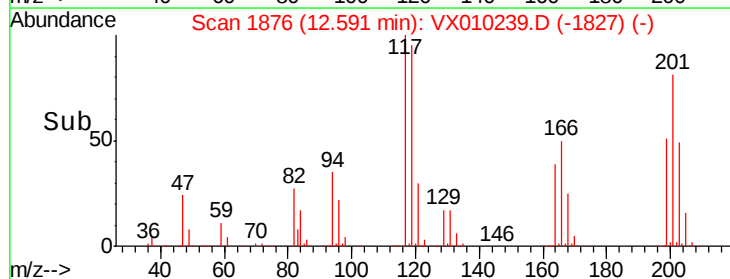
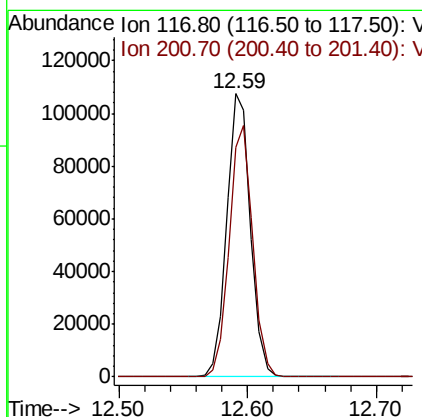
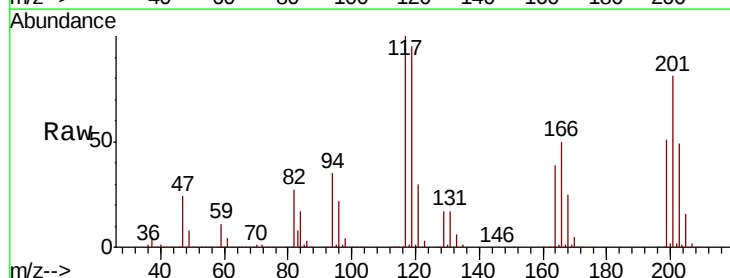
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

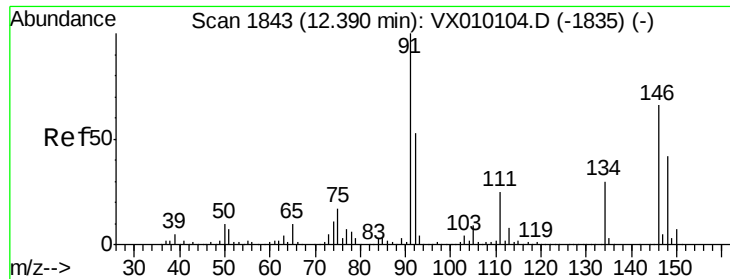
Tot Ion: 91 Resp: 640644
Ion Ratio Lower Upper
91 100
92 53.4 26.3 78.8
134 28.7 12.3 36.8



#90
Hexachloroethane
Concen: 47.899 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX010239.D
Acq: 12 Jun 2019 09:46

Tgt Ion: 117 Resp: 138756
Ion Ratio Lower Upper
117 100
201 87.9 43.6 130.9

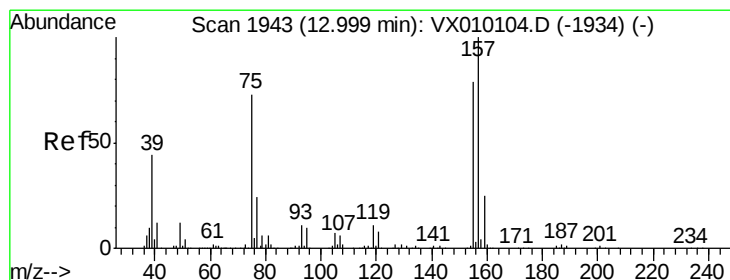
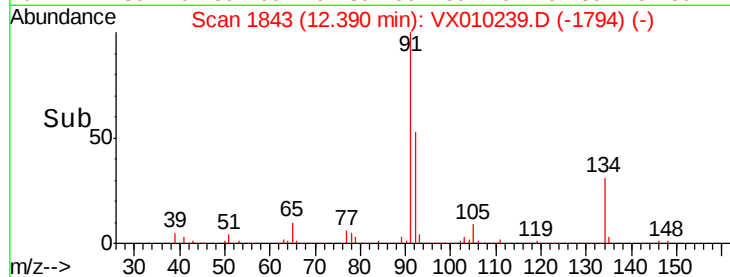
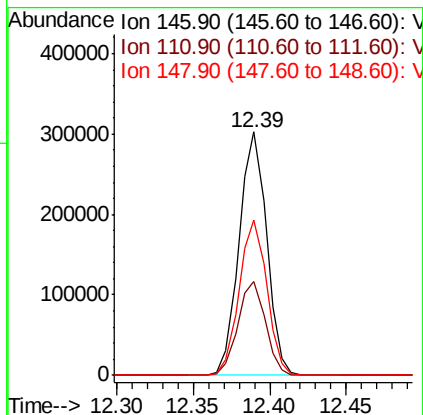
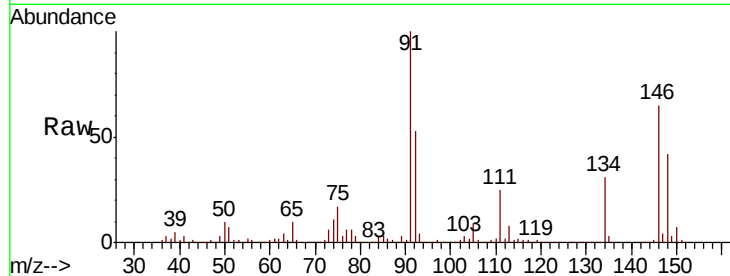




#91
 1,2-Dichlorobenzene
 Concen: 50.084 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010239.D
 Acq: 12 Jun 2019 09:46

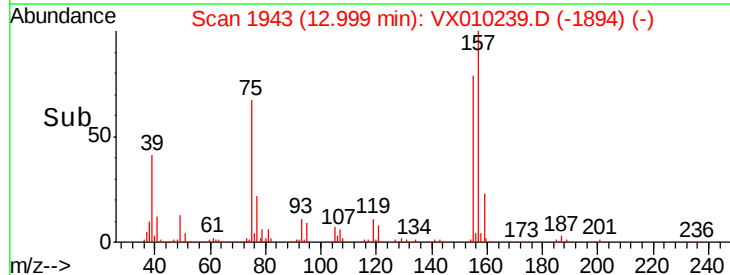
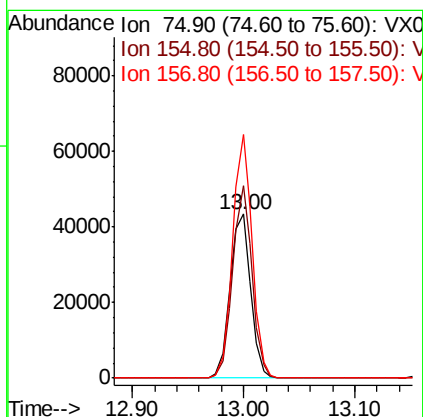
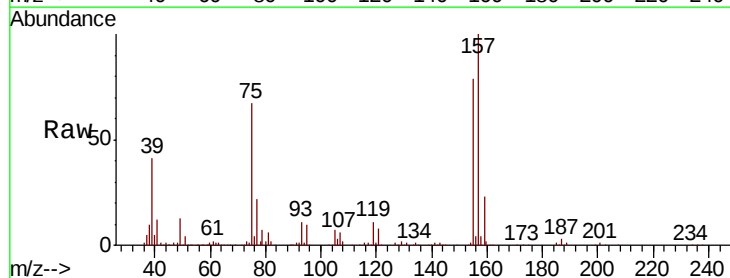
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:146 Resp: 377742
 Ion Ratio Lower Upper
 146 100
 111 38.6 21.1 63.1
 148 64.3 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.865 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010239.D
 Acq: 12 Jun 2019 09:46

Tgt Ion: 75 Resp: 55302
 Ion Ratio Lower Upper
 75 100
 155 110.5 39.3 117.8
 157 140.8 50.6 151.8

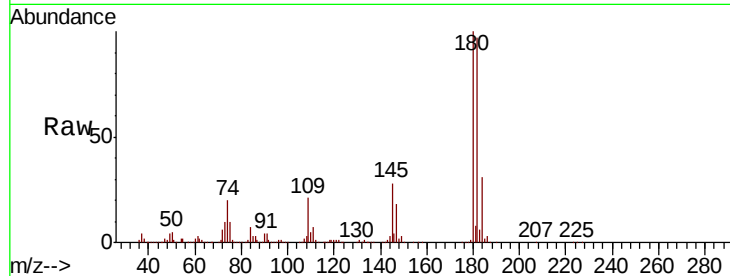




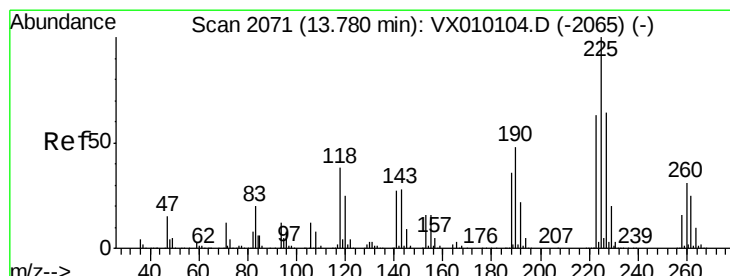
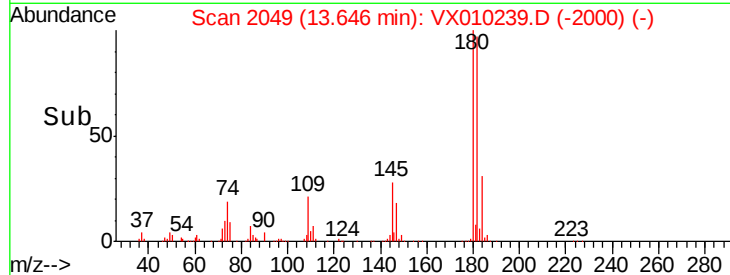
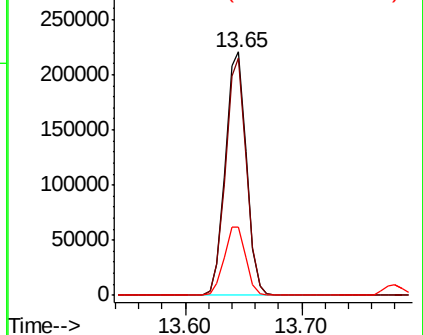
#93
1,2,4-Trichlorobenzene
Concen: 49.928 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX010239.D
Acq: 12 Jun 2019 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:180 Resp: 275644
Ion Ratio Lower Upper
180 100
182 96.3 47.4 142.2
145 28.7 14.5 43.5

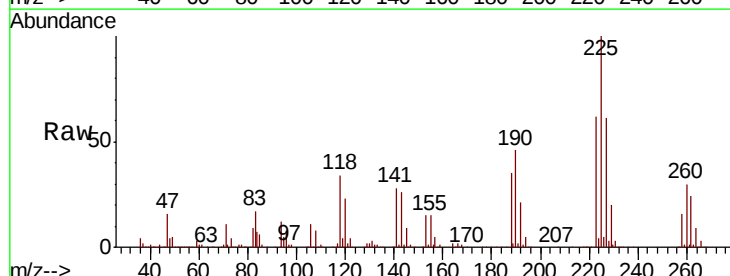


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

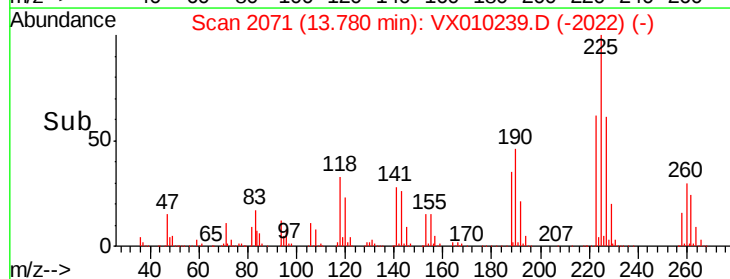
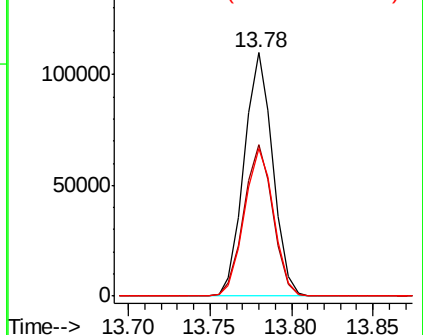


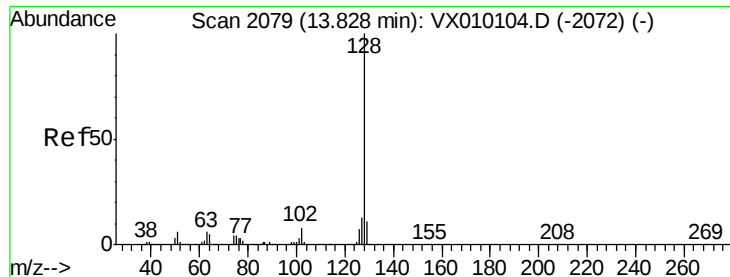
#94
Hexachlorobutadiene
Concen: 54.833 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX010239.D
Acq: 12 Jun 2019 09:46

Tgt Ion:225 Resp: 134631
Ion Ratio Lower Upper
225 100
223 63.0 31.3 93.8
227 62.2 32.3 96.8



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: 48.706 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

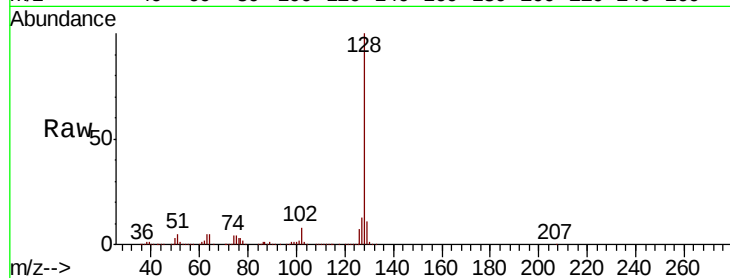
Tot Ion:128 Resp: 846468

Ion Ratio Lower Upper

128 100

127 12.7 10.6 16.0

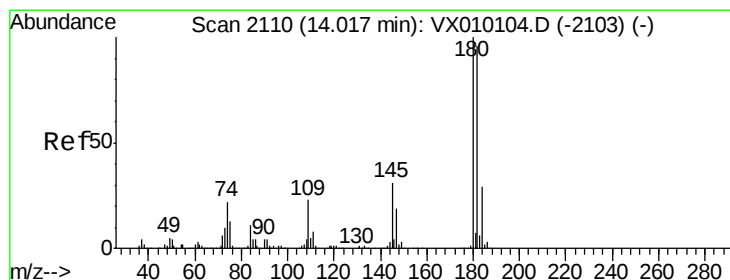
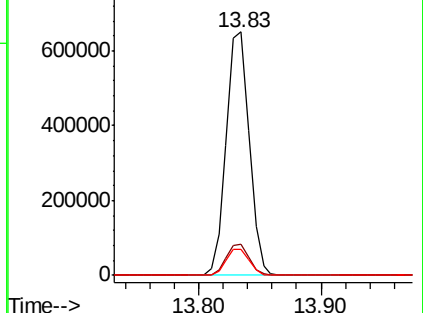
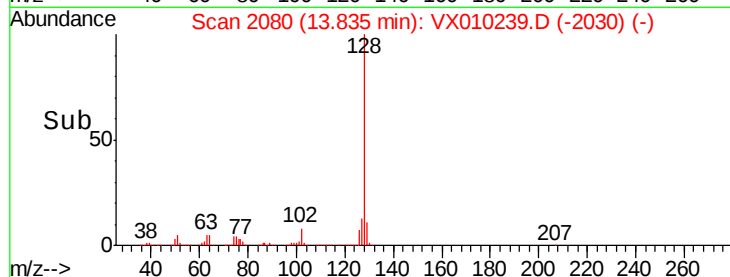
129 11.0 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.196 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

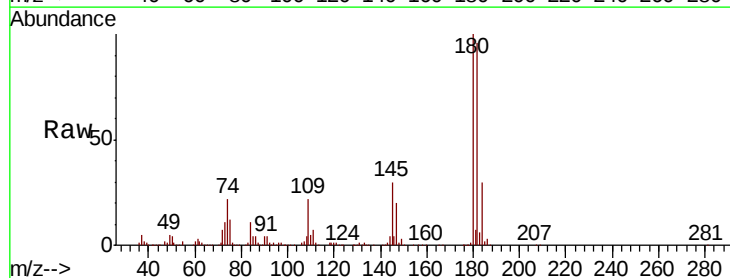
Tgt Ion:180 Resp: 274008

Ion Ratio Lower Upper

180 100

182 95.8 47.3 142.0

145 30.6 15.6 46.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

