

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011020\
 Data File : VX014550.D
 Acq On : 10 Jan 2020 20:37
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 10 23:38:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	457051	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	696343	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	628660	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	312899	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	260349	51.03	ug/l	0.00
Spiked Amount			Recovery	=	102.06%	
35) Dibromofluoromethane	5.49	113	212489	50.41	ug/l	0.00
Spiked Amount			Recovery	=	100.82%	
50) Toluene-d8	8.71	98	822559	50.28	ug/l	0.00
Spiked Amount			Recovery	=	100.56%	
62) 4-Bromofluorobenzene	11.13	95	291946	48.62	ug/l	0.00
Spiked Amount			Recovery	=	97.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	282077	49.712	ug/l	100
3) Chloromethane	1.32	50	299084	51.336	ug/l	100
4) Vinyl Chloride	1.40	62	343820	52.961	ug/l	97
5) Bromomethane	1.63	94	215919	50.175	ug/l	99
6) Chloroethane	1.72	64	191391	54.210	ug/l	99
7) Trichlorofluoromethane	1.92	101	362658	49.245	ug/l	99
8) Diethyl Ether	2.18	74	167583	49.879	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	218023	48.662	ug/l	98
10) Methyl Iodide	2.50	142	302153	56.321	ug/l	99
11) Tert butyl alcohol	3.03	59	281858	264.571	ug/l	98
12) 1,1-Dichloroethene	2.37	96	218413	48.385	ug/l	97
13) Acrolein	2.28	56	210606	246.641	ug/l	99
14) Allyl chloride	2.72	41	396610	50.044	ug/l	100
15) Acrylonitrile	3.13	53	679078	264.106	ug/l	99
16) Acetone	2.43	43	740909	290.287	ug/l	99
17) Carbon Disulfide	2.56	76	576528	45.773	ug/l	100
18) Methyl Acetate	2.76	43	427378	58.279	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	755759	52.154	ug/l	99
20) Methylene Chloride	2.85	84	259910	50.637	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	239584	48.616	ug/l	94
22) Diisopropyl ether	3.84	45	813893	53.141	ug/l	95
23) Vinyl Acetate	3.80	43	2264434	190.967	ug/l	99
24) 1,1-Dichloroethane	3.69	63	435800	52.306	ug/l	100
25) 2-Butanone	4.66	43	1019520	267.503	ug/l	99
26) 2,2-Dichloropropane	4.58	77	315223	44.662	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	275212	49.956	ug/l	99
28) Bromochloromethane	5.00	49	175962	50.121	ug/l	97
29) Tetrahydrofuran	5.11	42	610001	270.708	ug/l	100
30) Chloroform	5.20	83	426875	52.432	ug/l	98
31) Cyclohexane	5.58	56	397850	51.015	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	359242	51.549	ug/l	99
36) 1,1-Dichloropropene	5.79	75	318142	48.583	ug/l	99
37) Ethyl Acetate	4.82	43	367850	51.715	ug/l	99
38) Carbon Tetrachloride	5.78	117	302704	50.232	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	397538	48.320	ug/l	99
40) Benzene	6.14	78	992403	51.061	ug/l	100
41) Methacrylonitrile	5.03	41	204979	54.039	ug/l	98
42) 1,2-Dichloroethane	6.19	62	343716	50.580	ug/l	100
43) Isopropyl Acetate	6.43	43	603973	52.563	ug/l	100
44) Trichloroethene	7.21	130	283158	50.696	ug/l	97
45) 1,2-Dichloropropane	7.51	63	262719	53.020	ug/l	99
46) Dibromomethane	7.65	93	166131	48.036	ug/l	98
47) Bromodichloromethane	7.89	83	329058	52.289	ug/l	98
48) Methyl methacrylate	7.76	41	296783	53.928	ug/l	99
49) 1,4-Dioxane	7.73	88	119372	1023.682	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1905950	272.201	ug/l	99
52) Toluene	8.78	92	618636	49.723	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	359773	49.105	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	402300	50.831	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	255865	51.200	ug/l	99
56) Ethyl methacrylate	9.17	69	410255	53.585	ug/l	99
57) 1,3-Dichloropropane	9.37	76	430972	51.579	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	706961	271.399	ug/l	99
59) 2-Hexanone	9.48	43	1497326	270.261	ug/l	100
60) Dibromochloromethane	9.58	129	266572	53.071	ug/l	100
61) 1,2-Dibromoethane	9.67	107	267810	50.591	ug/l	100
64) Tetrachloroethene	9.33	164	389874	61.879	ug/l	98
65) Chlorobenzene	10.14	112	664243	48.688	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	246329	50.594	ug/l	98
67) Ethyl Benzene	10.25	91	1172076	50.404	ug/l	98
68) m/p-Xylenes	10.36	106	892526	99.489	ug/l	98
69) o-Xylene	10.70	106	437024	51.057	ug/l	100
70) Styrene	10.71	104	748249	50.654	ug/l	100
71) Bromoform	10.85	173	203436	51.070	ug/l	98
73) Isopropylbenzene	11.01	105	1142971	52.019	ug/l	99
74) N-amyl acetate	10.89	43	525601	54.220	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	356850	50.643	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	450891	69.647	ug/l	80
77) Bromobenzene	11.25	156	302969	49.721	ug/l	100
78) n-propylbenzene	11.35	91	1297682	51.570	ug/l	100
79) 2-Chlorotoluene	11.42	91	763273	50.894	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	954218	52.308	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	126562	51.685	ug/l	97
82) 4-Chlorotoluene	11.51	91	886579	50.362	ug/l	99
83) tert-Butylbenzene	11.76	119	812126	47.117	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	964033	52.299	ug/l	99
85) sec-Butylbenzene	11.94	105	1107591	51.690	ug/l	100
86) p-Isopropyltoluene	12.06	119	1012718	50.932	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	531980	48.647	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	529098	51.518	ug/l	99
89) n-Butylbenzene	12.39	91	880904	48.454	ug/l	100
90) Hexachloroethane	12.59	117	177786	50.903	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	532459	49.697	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	84610	53.381	ug/l	98

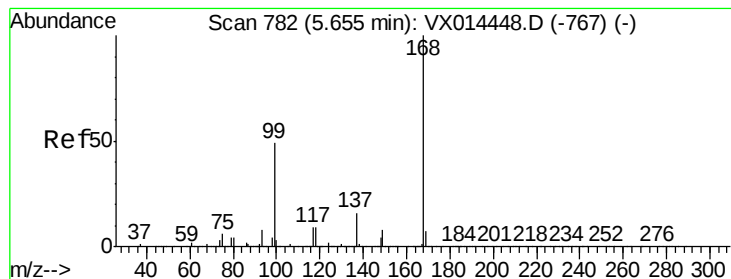
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011020\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	364473	48.467	ug/l	100
94) Hexachlorobutadiene	13.78	225	171356	48.657	ug/l	99
95) Naphthalene	13.83	128	1127327	48.301	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	366127	49.610	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

Instrument :

MSVOA_X

ClientSampleId :

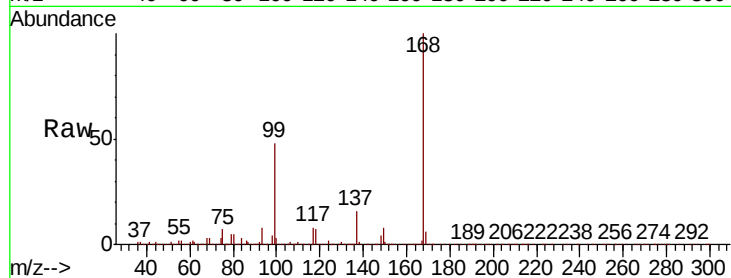
VSTDCCC050

Tot Ion:168 Resp: 457051

Ion Ratio Lower Upper

168 100

99 48.3 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

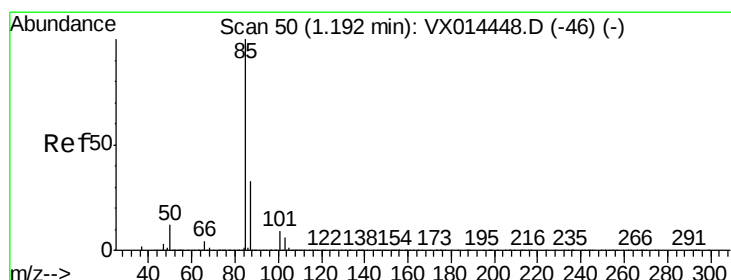
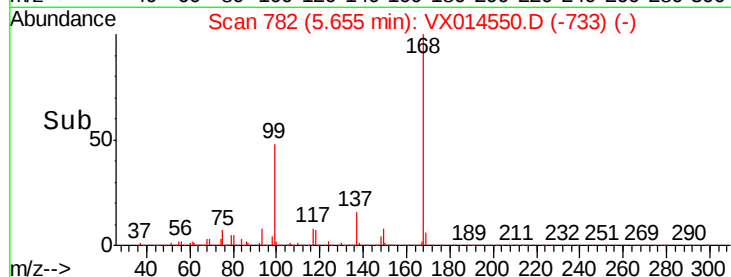
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 49.712 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014550.D

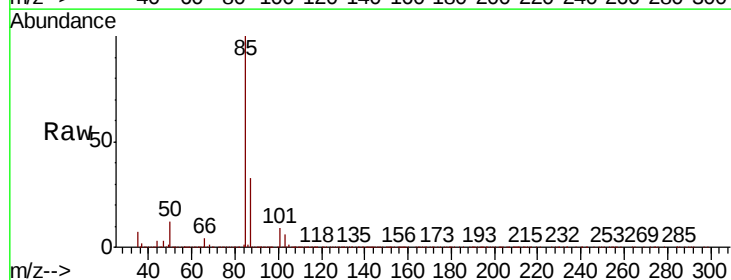
Acq: 10 Jan 2020 20:37

Tgt Ion: 85 Resp: 282077

Ion Ratio Lower Upper

85 100

87 33.3 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

300000

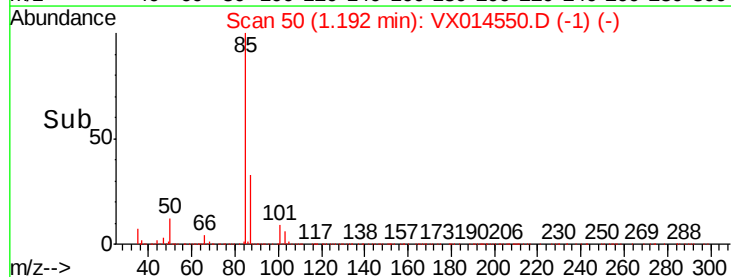
200000

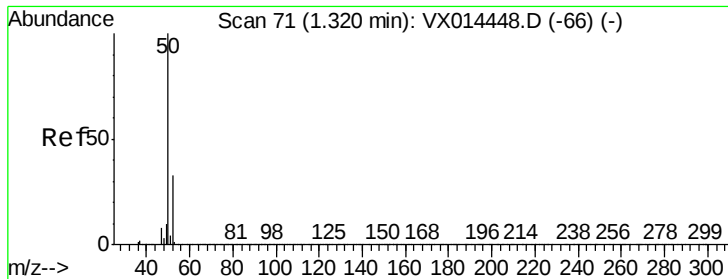
100000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 51.336 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

Instrument :

MSVOA_X

ClientSampleId :

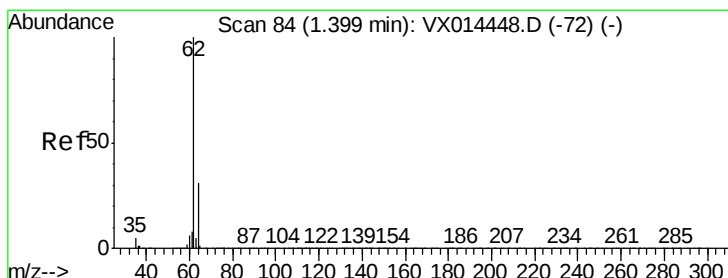
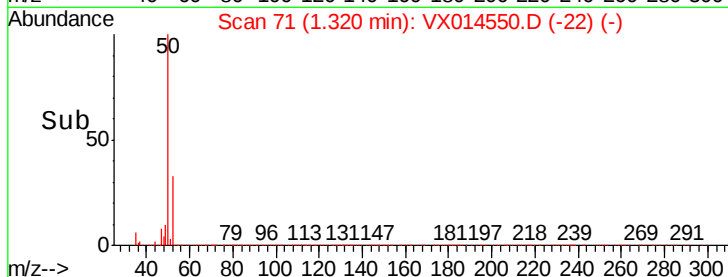
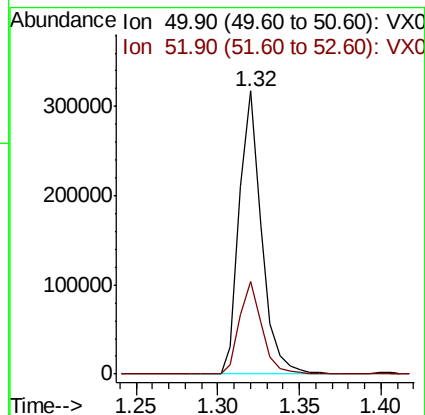
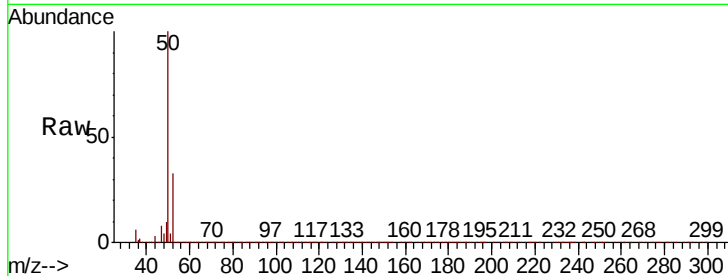
VSTDCCC050

Tot Ion: 50 Resp: 299084

Ion Ratio Lower Upper

50 100

52 32.6 26.1 39.1



#4

Vinyl Chloride

Concen: 52.961 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014550.D

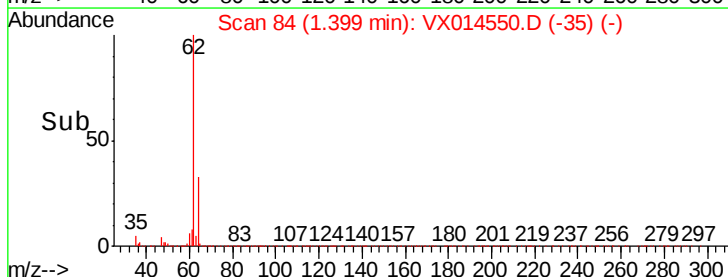
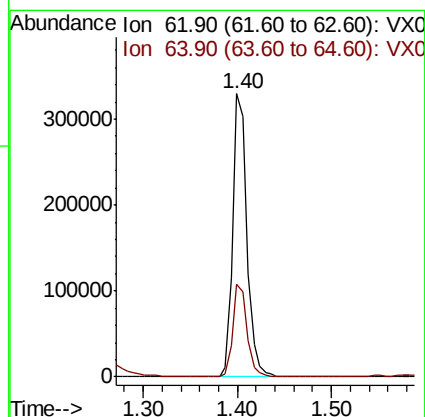
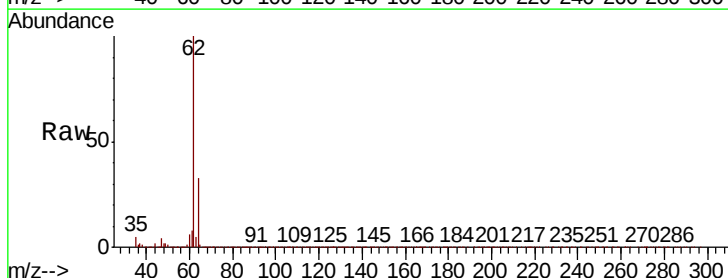
Acq: 10 Jan 2020 20:37

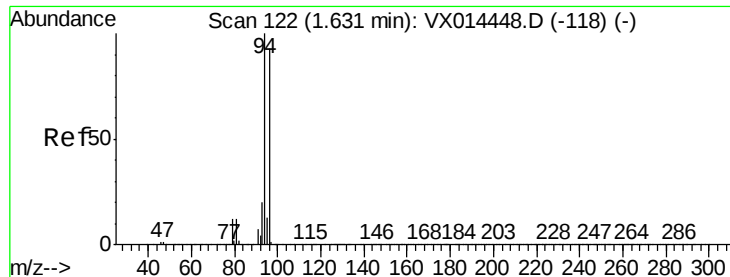
Tgt Ion: 62 Resp: 343820

Ion Ratio Lower Upper

62 100

64 32.4 24.6 37.0





#5

Bromomethane

Concen: 50.175 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

Instrument :

MSVOA_X

ClientSampleId :

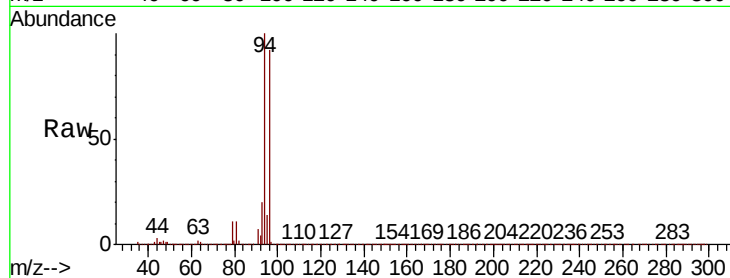
VSTDCCC050

Tot Ion: 94 Resp: 215919

Ion Ratio Lower Upper

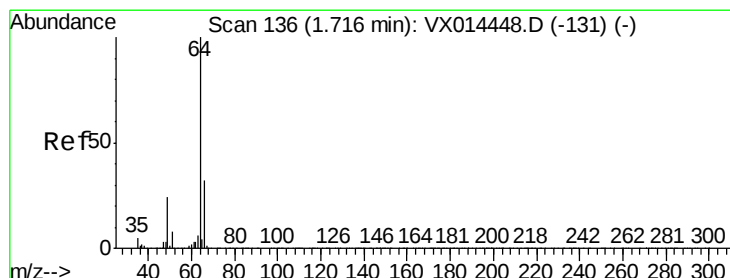
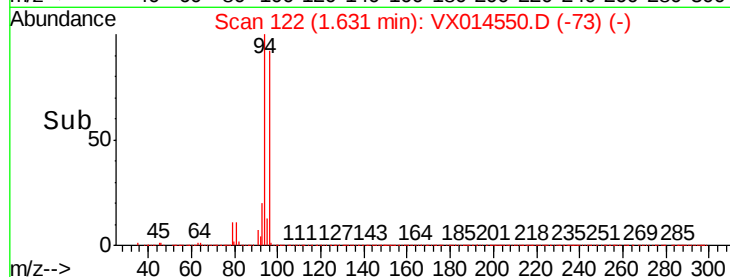
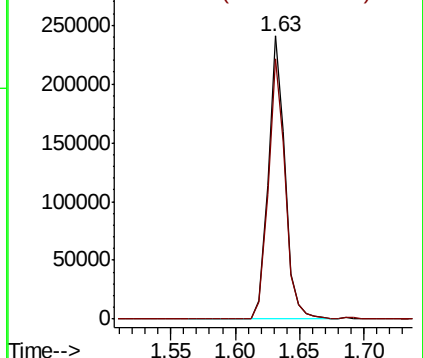
94 100

96 92.2 74.2 111.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 54.210 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014550.D

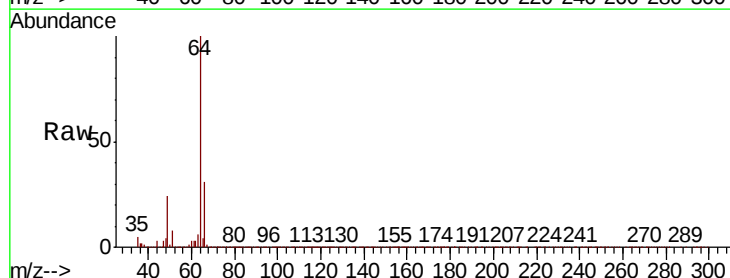
Acq: 10 Jan 2020 20:37

Tgt Ion: 64 Resp: 191391

Ion Ratio Lower Upper

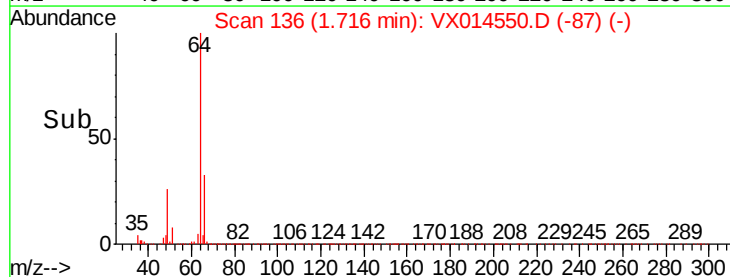
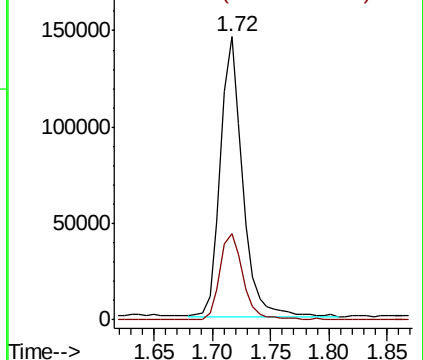
64 100

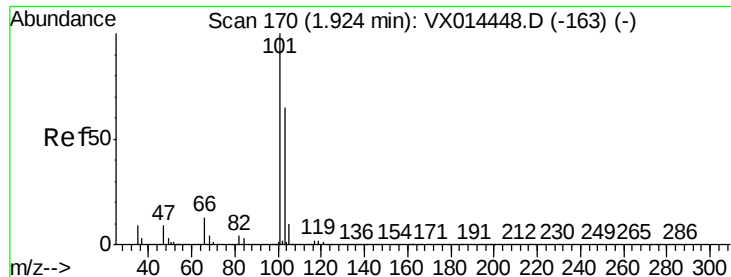
66 30.8 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



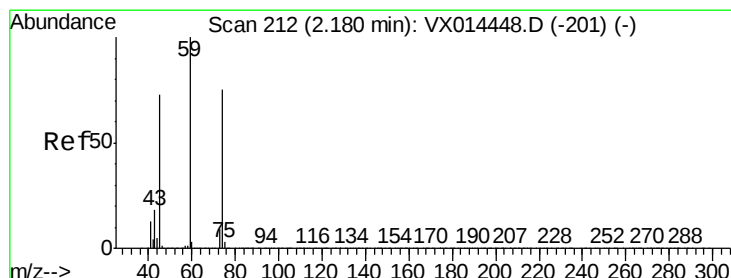
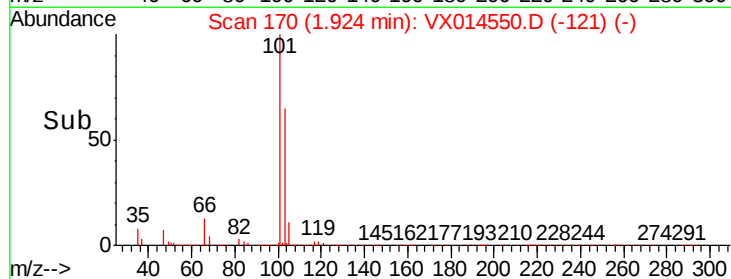
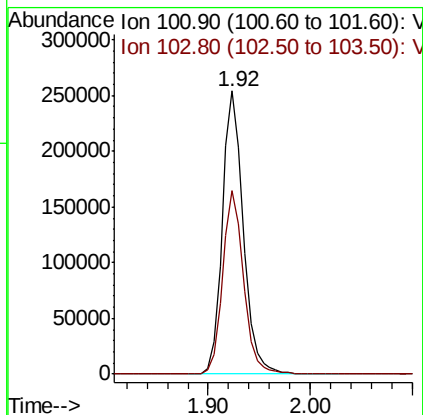
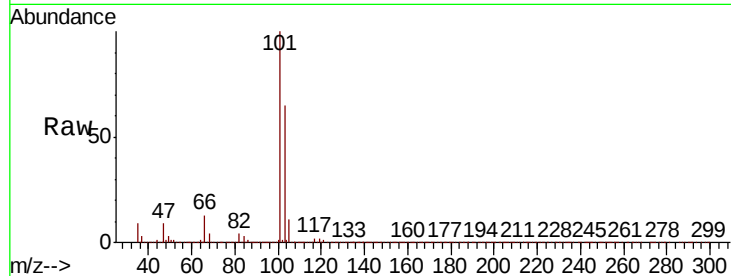


#7

Trichlorofluoromethane
Concen: 49.245 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

Instrument :
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VSTDCCC050

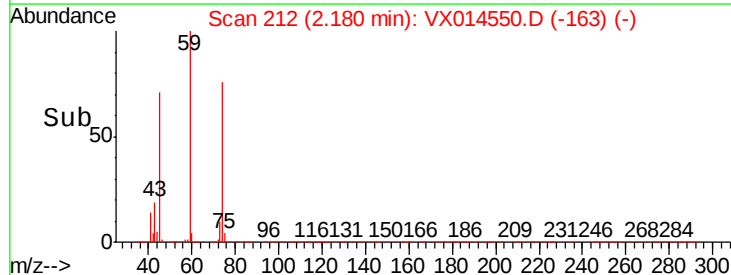
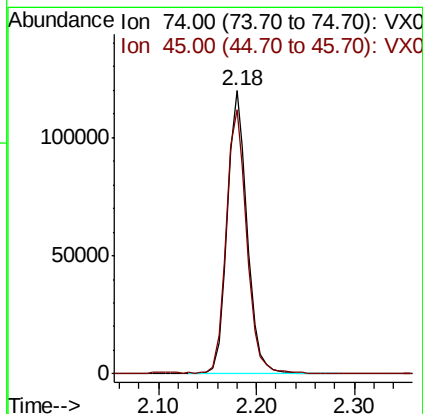
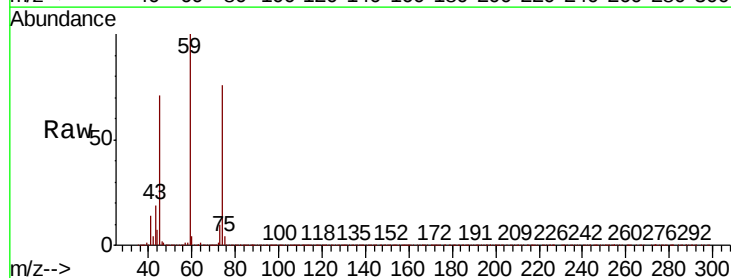
Tot Ion:101 Resp: 362658
Ion Ratio Lower Upper
101 100
103 64.6 52.2 78.4

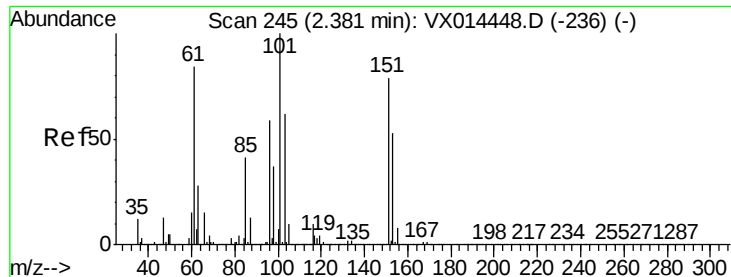


#8

Diethyl Ether
Concen: 49.879 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

Tgt Ion: 74 Resp: 167583
Ion Ratio Lower Upper
74 100
45 95.9 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.662 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

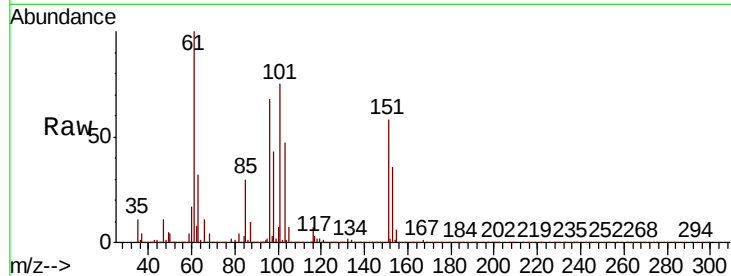
Tot Ion:101 Resp: 218023

Ion Ratio Lower Upper

101 100

85 41.0 33.8 50.8

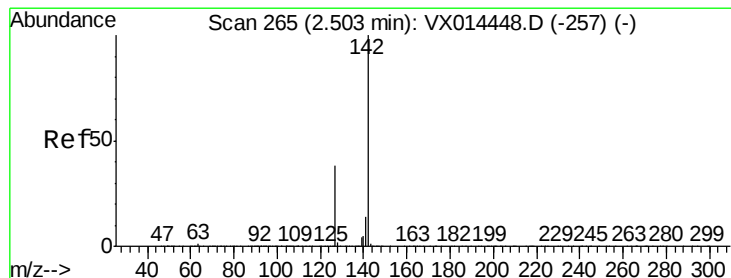
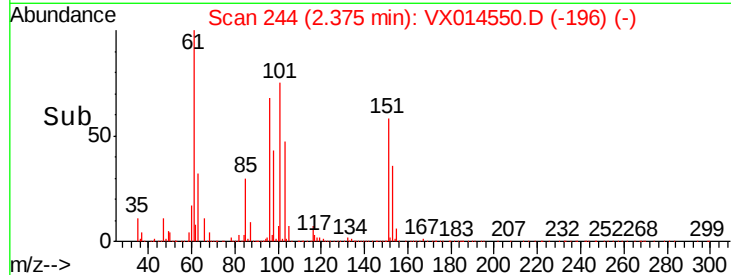
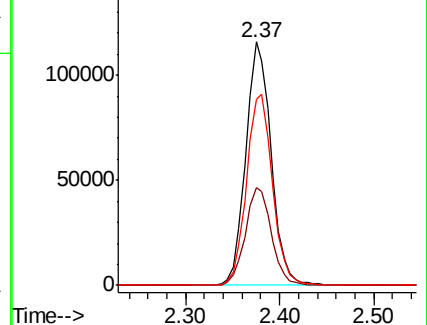
151 80.1 65.3 97.9



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: 56.321 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

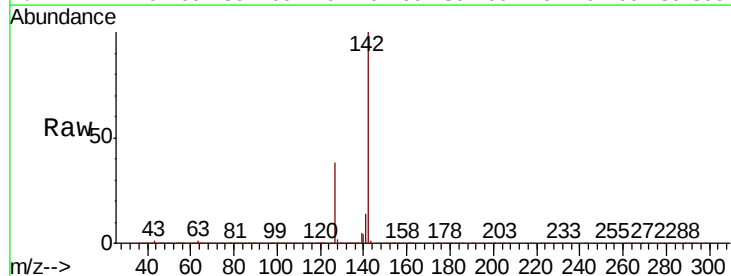
Tgt Ion:142 Resp: 302153

Ion Ratio Lower Upper

142 100

127 38.5 31.2 46.8

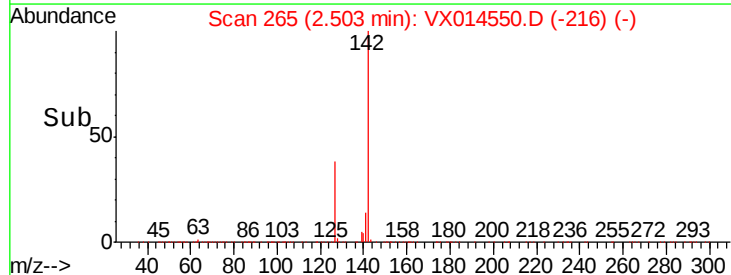
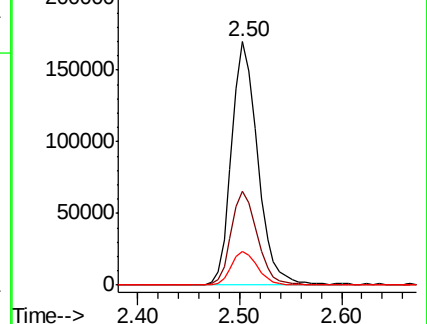
141 14.1 11.4 17.2

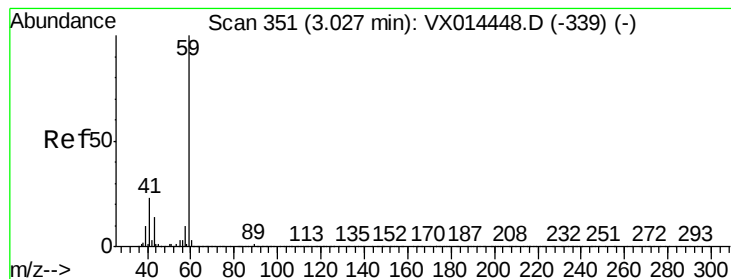


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



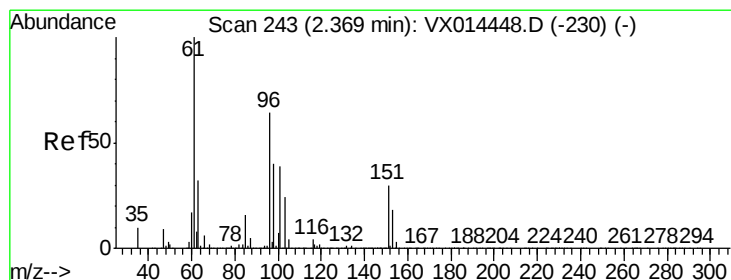
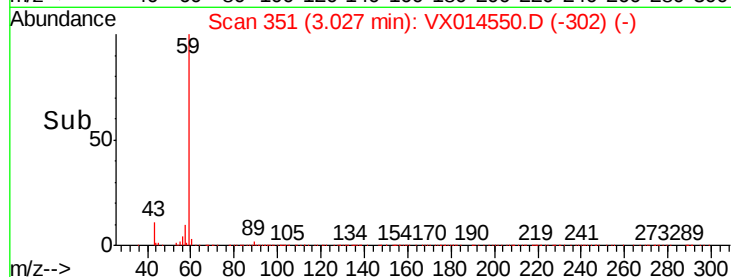
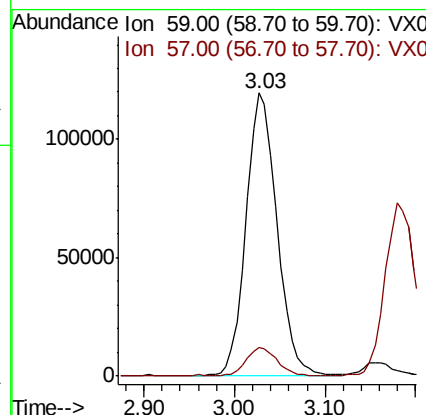
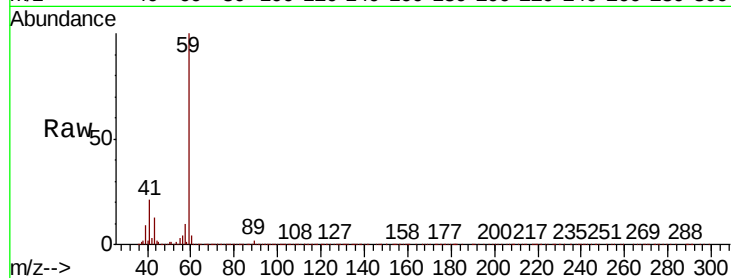


#11

Tert butyl alcohol
 Concen: 264.571 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VX014550.D
 Acq: 10 Jan 2020 20:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

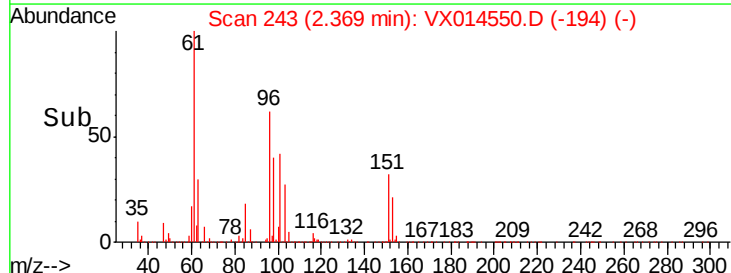
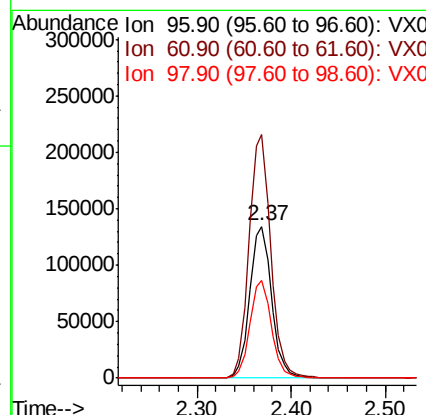
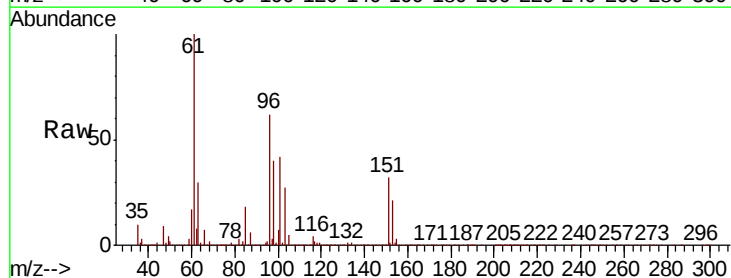
Tot Ion: 59 Resp: 281858
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.5 12.7

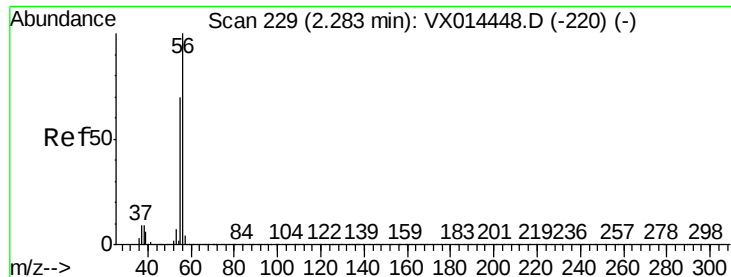


#12

1,1-Dichloroethene
 Concen: 48.385 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.00 min
 Lab File: VX014550.D
 Acq: 10 Jan 2020 20:37

Tgt Ion: 96 Resp: 218413
 Ion Ratio Lower Upper
 96 100
 61 160.4 125.0 187.6
 98 64.2 50.2 75.2

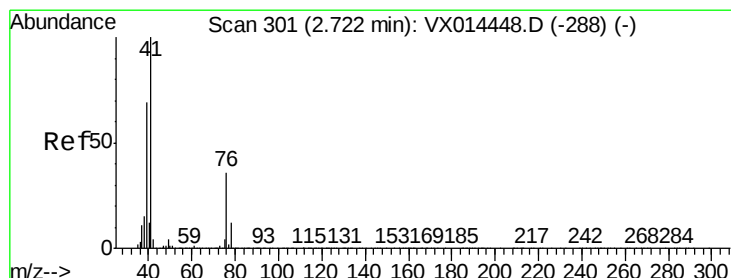
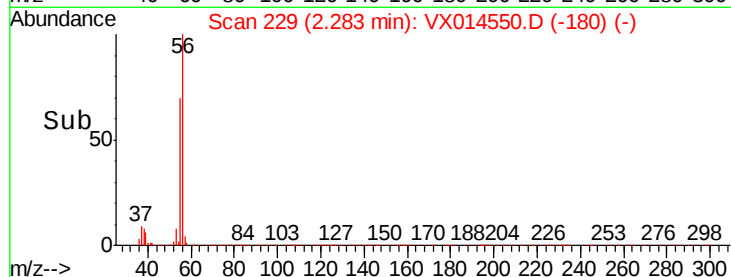
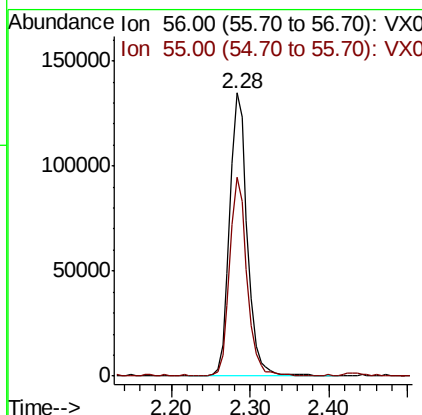
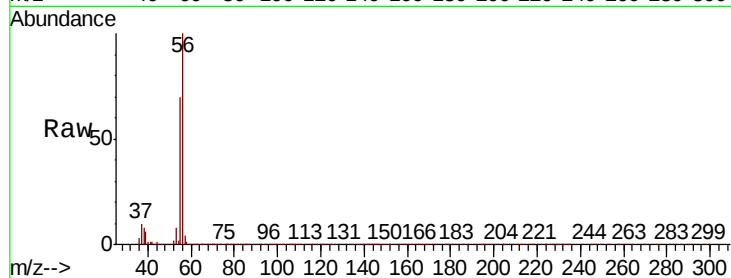




#13
Acrolein
Concen: 246.641 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

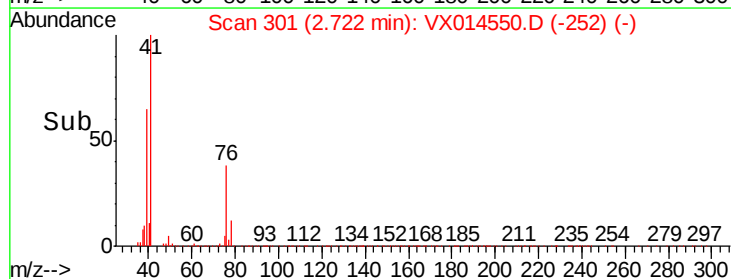
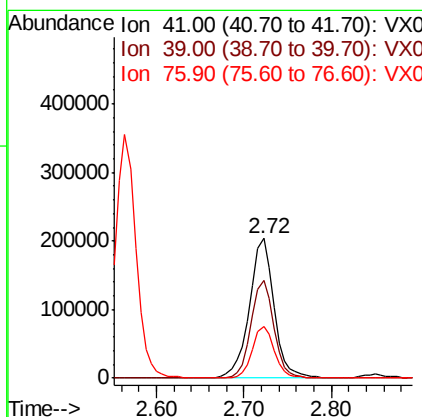
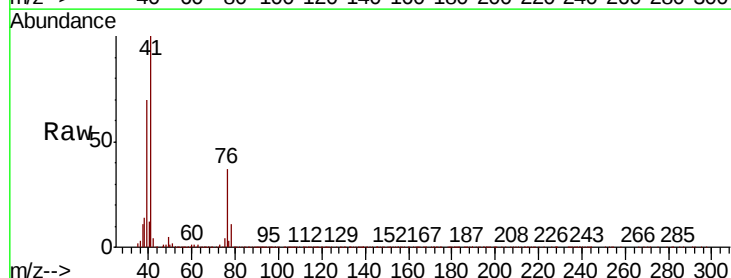
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

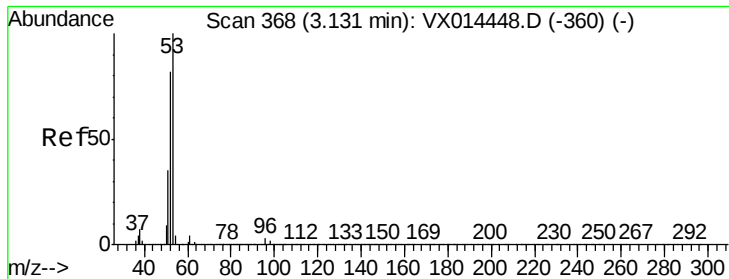
Tot Ion: 56 Resp: 210606
Ion Ratio Lower Upper
56 100
55 67.9 55.0 82.6



#14
Allyl chloride
Concen: 50.044 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

Tgt Ion: 41 Resp: 396610
Ion Ratio Lower Upper
41 100
39 64.8 51.7 77.5
76 33.1 26.8 40.2





#15

Acrylonitrile

Concen: 264.106 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

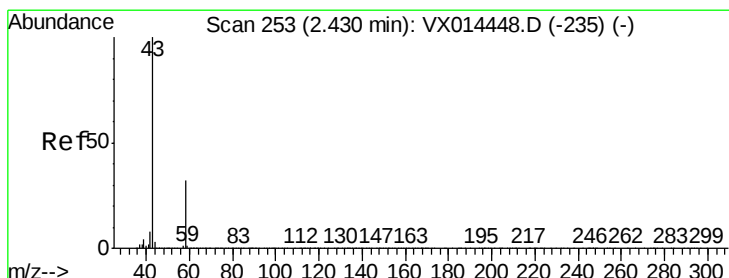
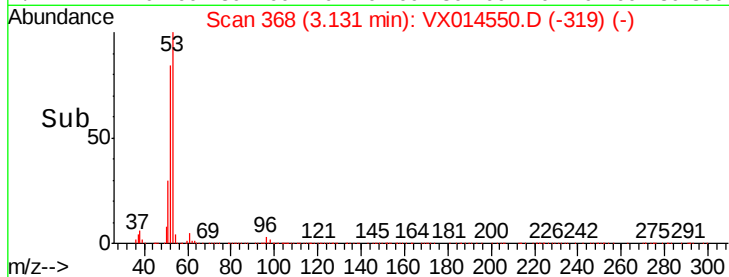
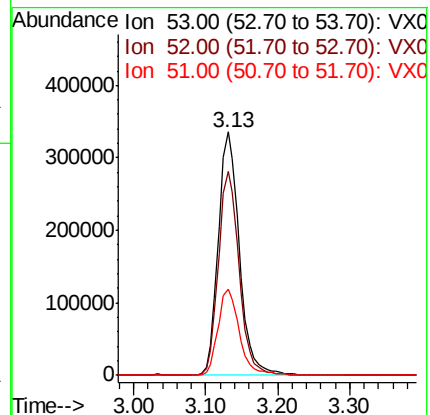
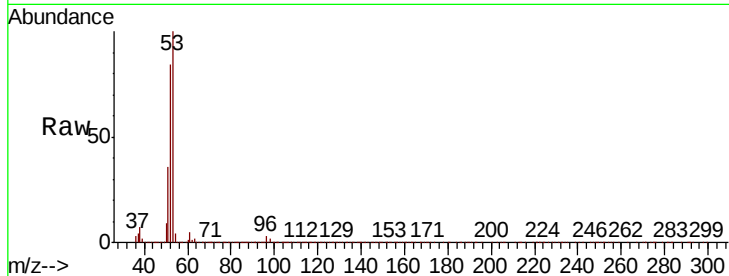
Tot Ion: 53 Resp: 679078

Ion Ratio Lower Upper

53 100

52 82.2 67.0 100.4

51 36.2 28.5 42.7



#16

Acetone

Concen: 290.287 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014550.D

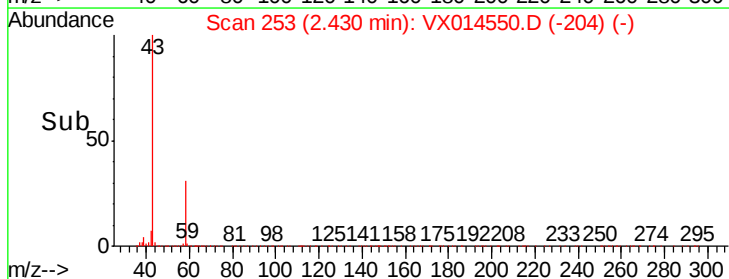
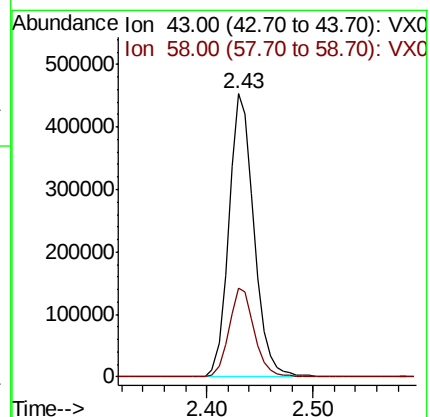
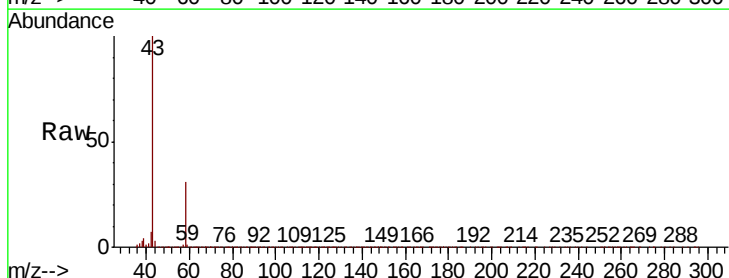
Acq: 10 Jan 2020 20:37

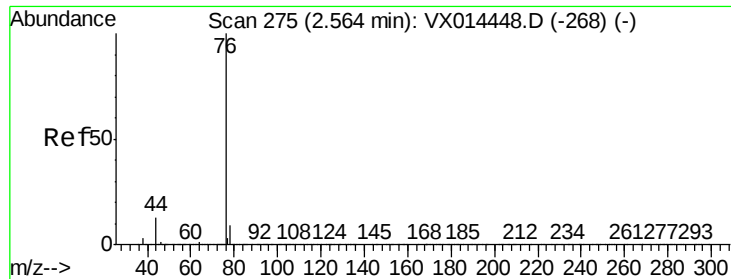
Tgt Ion: 43 Resp: 740909

Ion Ratio Lower Upper

43 100

58 31.2 25.4 38.0

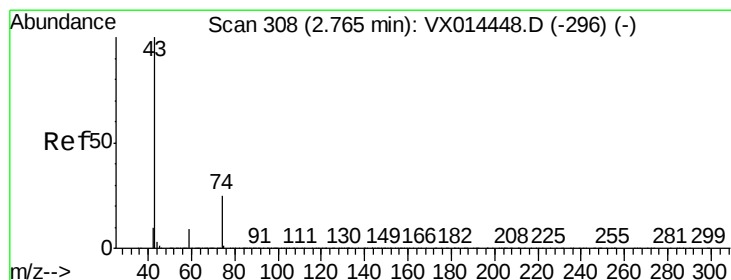
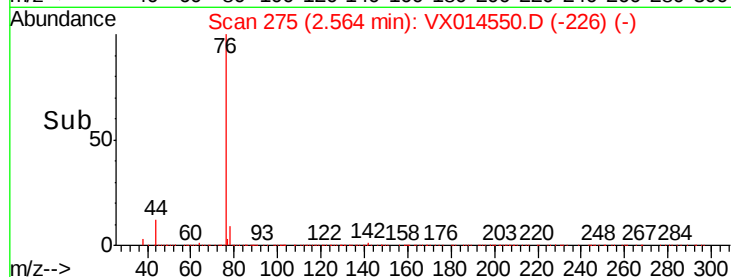
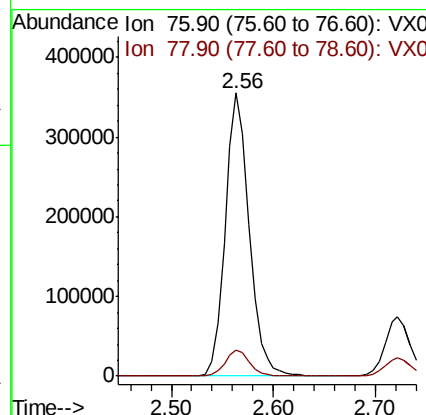
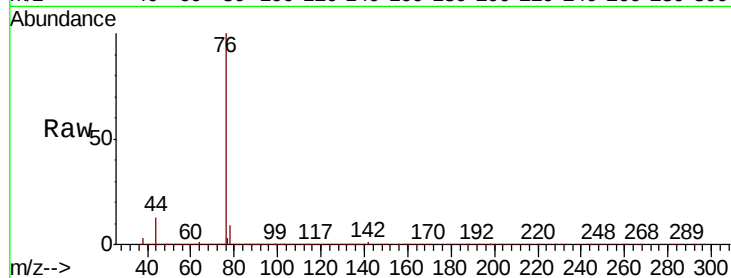




#17
Carbon Disulfide
Concen: 45.773 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

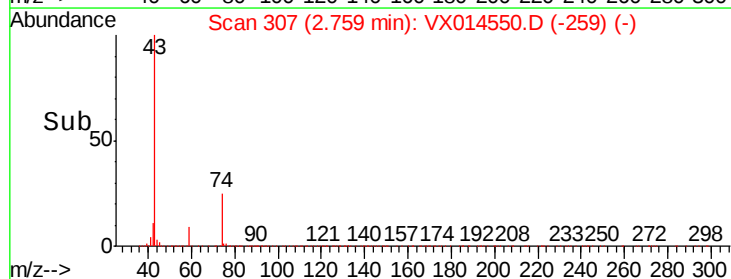
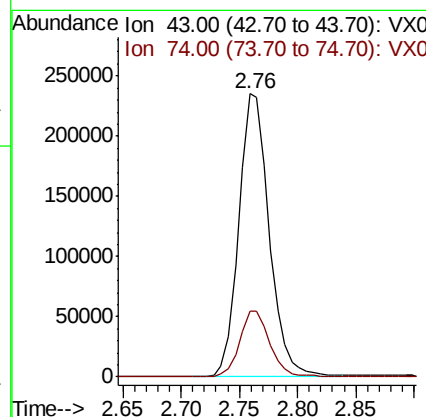
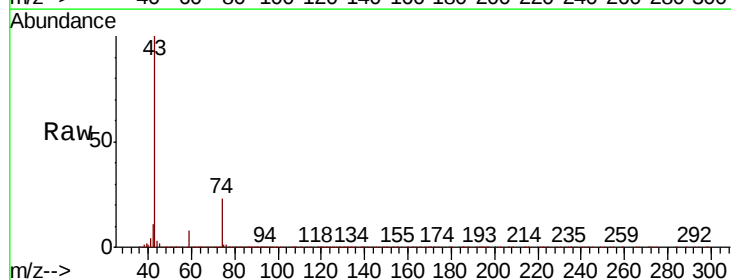
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

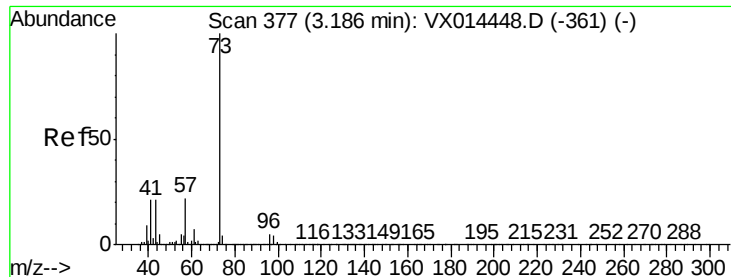
Tot Ion: 76 Resp: 576528
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#18
Methyl Acetate
Concen: 58.279 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

Tgt Ion: 43 Resp: 427378
Ion Ratio Lower Upper
43 100
74 23.1 19.4 29.2

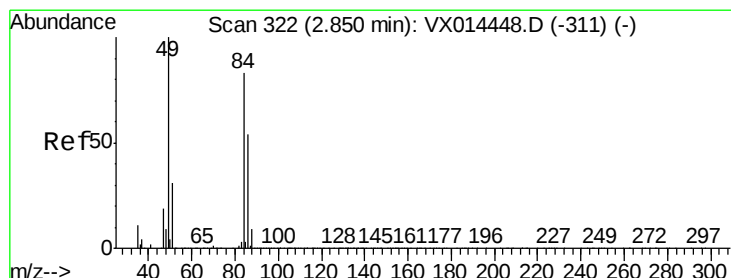
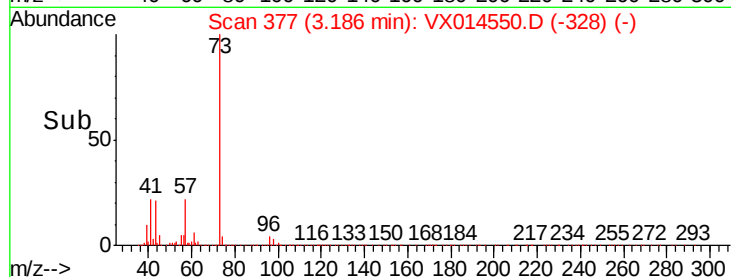
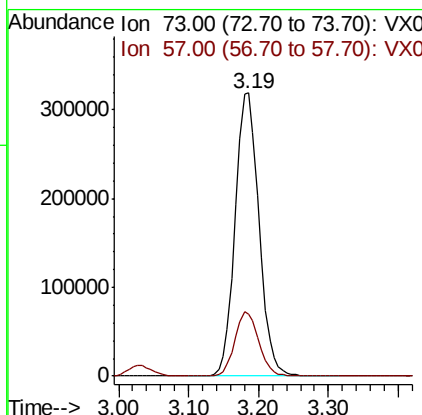
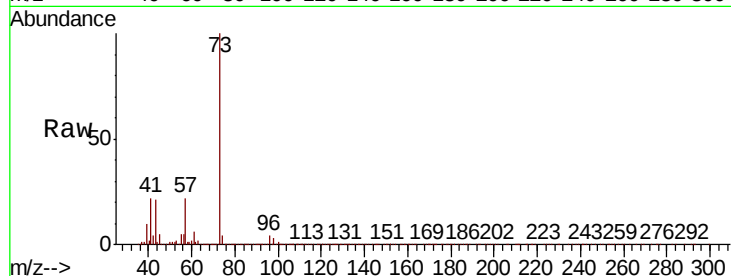




#19
Methyl tert-butyl Ether
Concen: 52.154 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

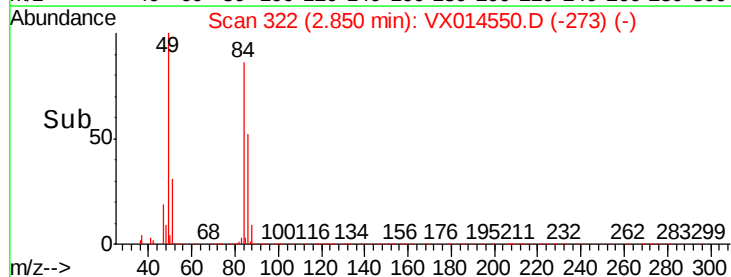
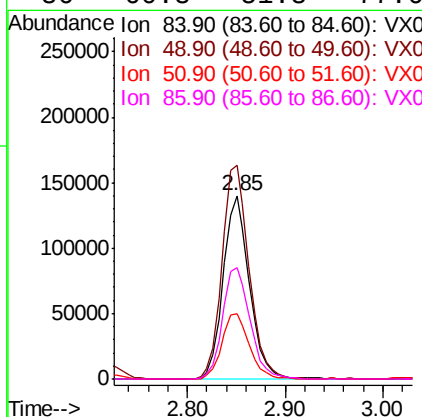
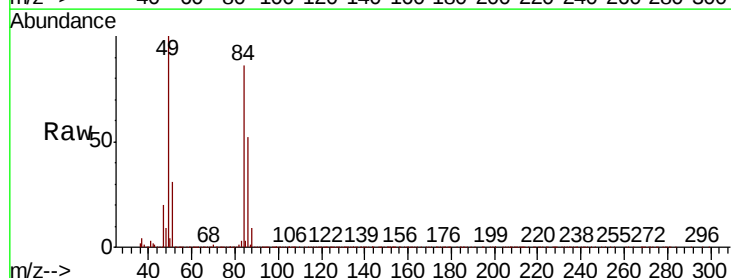
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

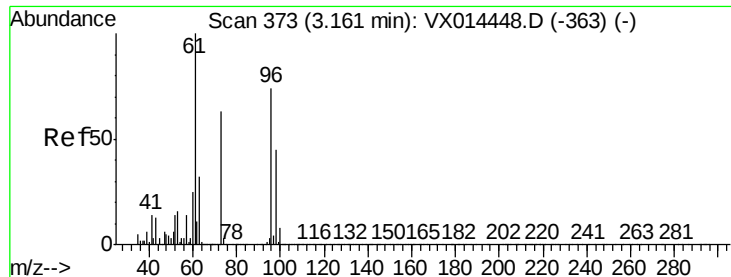
Tot Ion: 73 Resp: 755759
Ion Ratio Lower Upper
73 100
57 21.9 17.8 26.8



#20
Methylene Chloride
Concen: 50.637 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

Tgt Ion: 84 Resp: 259910
Ion Ratio Lower Upper
84 100
49 116.4 95.8 143.8
51 35.6 30.2 45.4
86 60.8 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 48.616 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

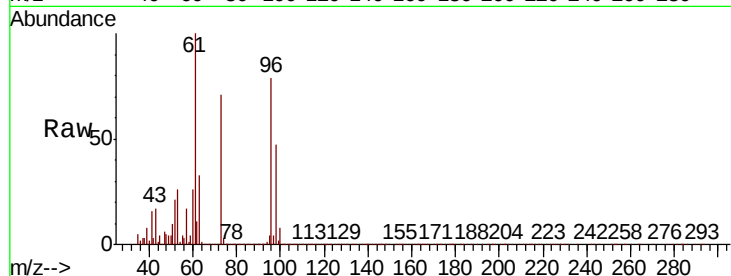
Tot Ion: 96 Resp: 239584

Ion Ratio Lower Upper

96 100

61 126.4 108.2 162.4

98 60.0 48.8 73.2

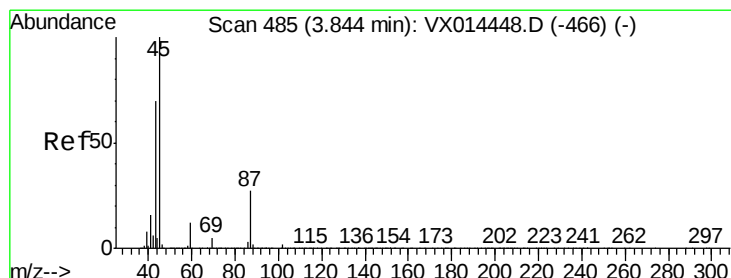
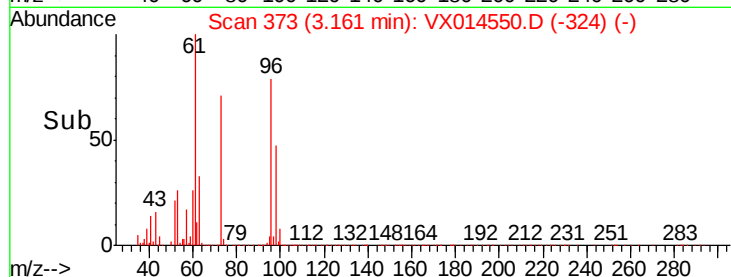
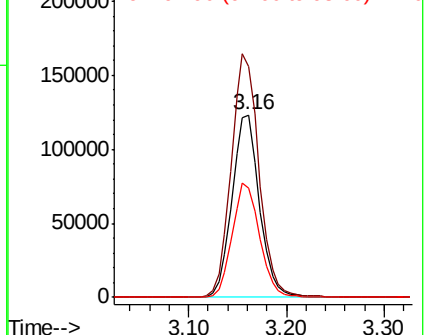


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 53.141 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

Tgt Ion: 45 Resp: 813893

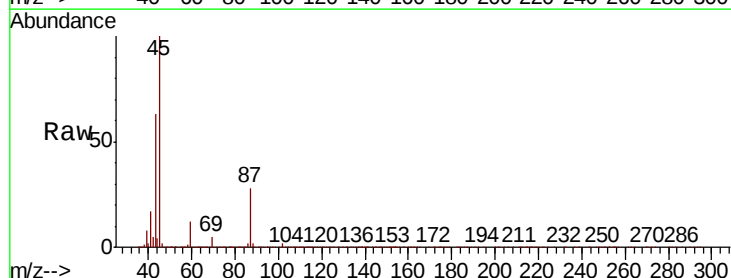
Ion Ratio Lower Upper

45 100

43 63.3 55.8 83.6

87 27.7 21.8 32.8

59 11.7 9.1 13.7



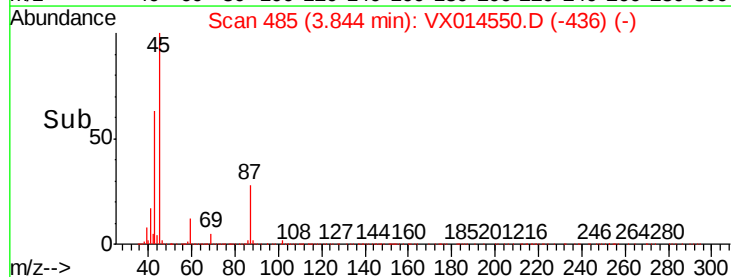
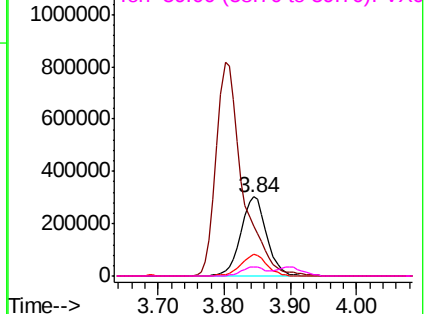
Abundance

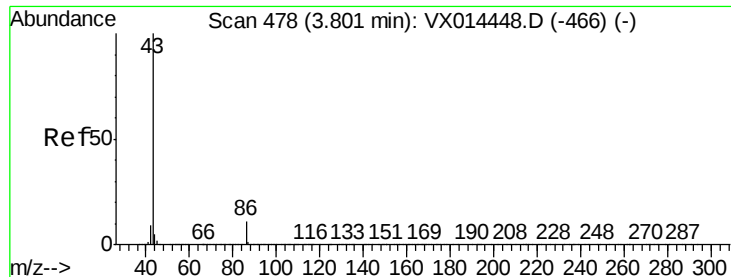
Ion 45.00 (44.70 to 45.70): VX0

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: 190.967 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

Instrument :

MSVOA_X

ClientSampleId :

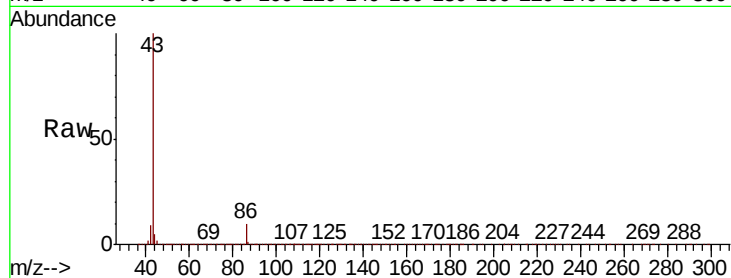
VSTDCCC050

Tot Ion: 43 Resp: 2264434

Ion Ratio Lower Upper

43 100

86 10.3 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.80

800000

600000

400000

200000

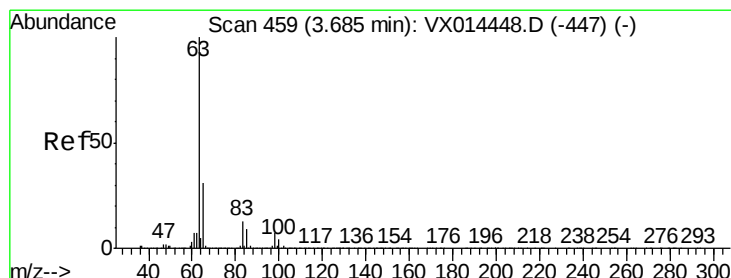
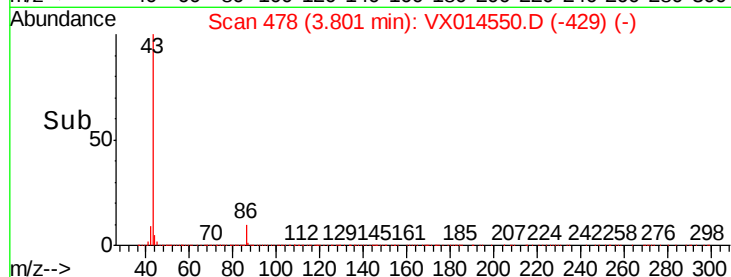
0

Time-->

3.60

3.80

4.00



#24

1,1-Dichloroethane

Concen: 52.306 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

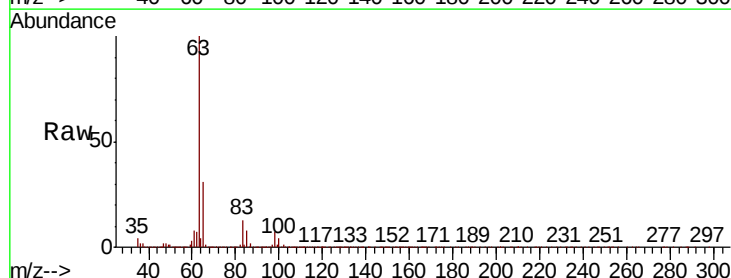
Tgt Ion: 63 Resp: 435800

Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.9

100 4.4 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

250000

200000

150000

100000

50000

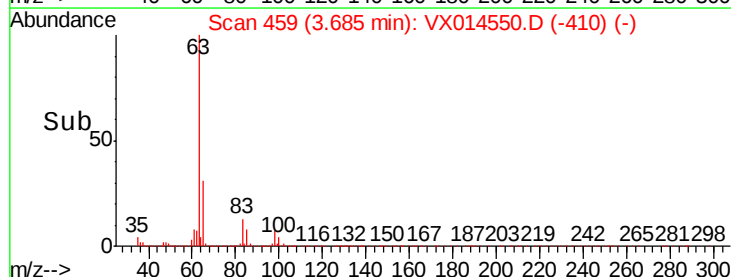
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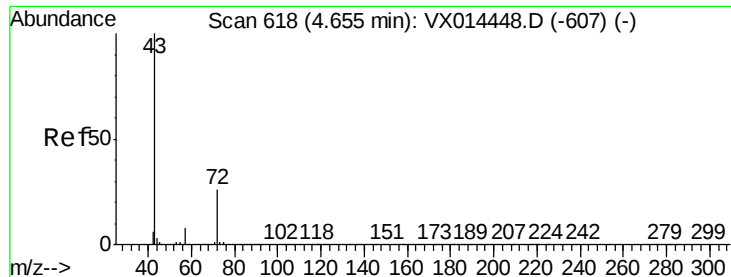
Time-->

3.60

3.70

3.80





#25

2-Butanone

Concen: 267.503 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

Instrument :

MSVOA_X

ClientSampleId :

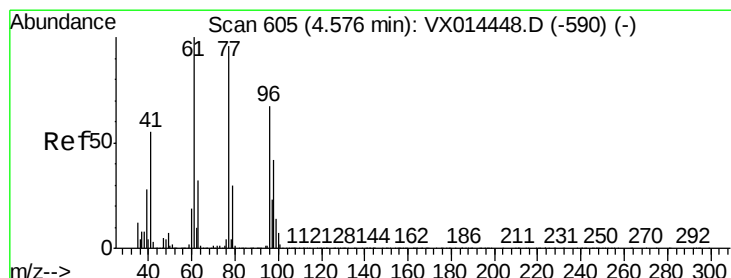
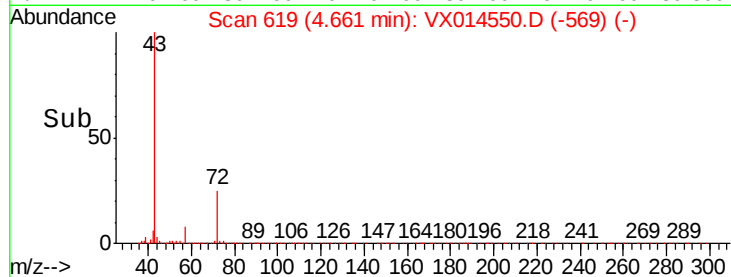
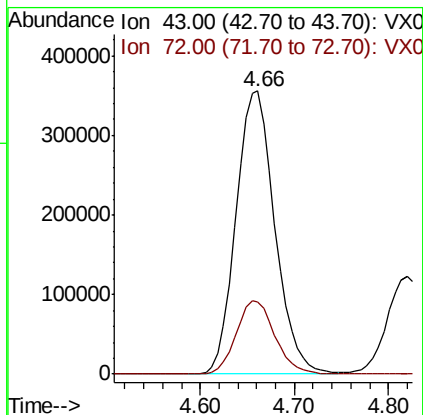
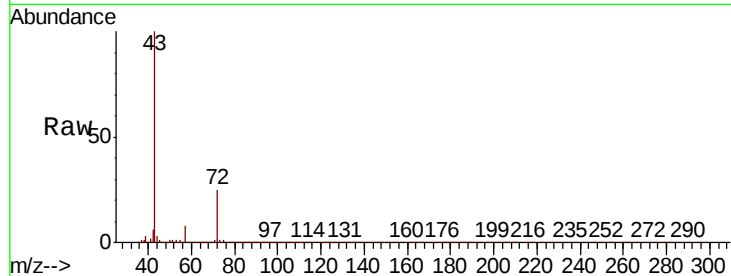
VSTDCCC050

Tot Ion: 43 Resp: 1019520

Ion Ratio Lower Upper

43 100

72 25.2 20.6 31.0



#26

2,2-Dichloropropane

Concen: 44.662 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014550.D

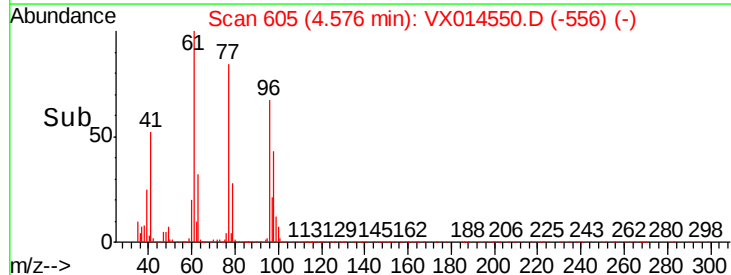
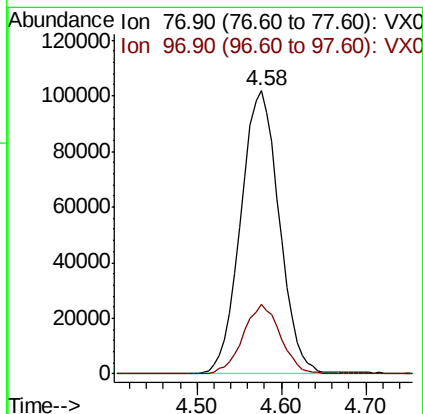
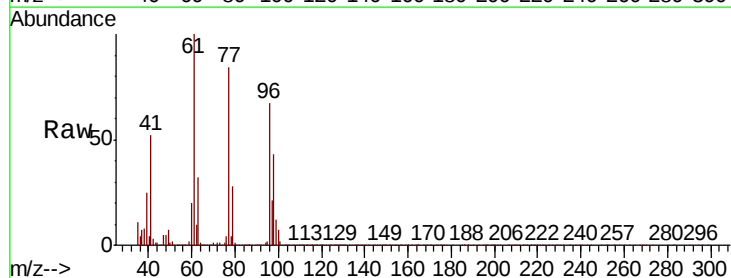
Acq: 10 Jan 2020 20:37

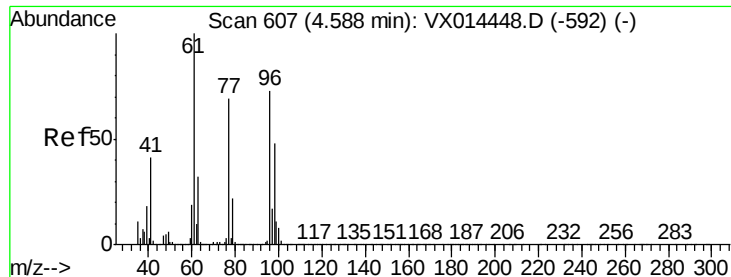
Tgt Ion: 77 Resp: 315223

Ion Ratio Lower Upper

77 100

97 24.2 11.7 35.1



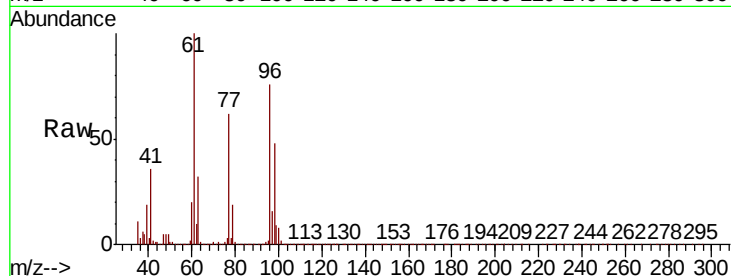


#27

cis-1,2-Dichloroethene
Concen: 49.956 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.5	0.0	285.4
98	64.0	0.0	130.6

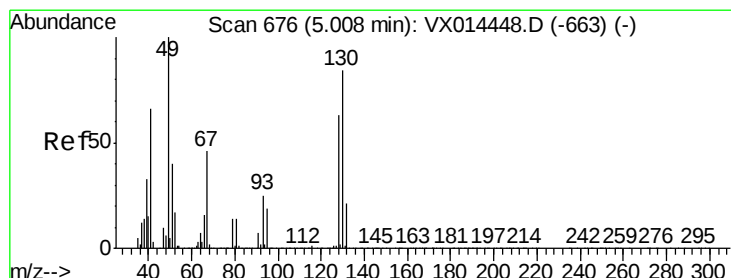
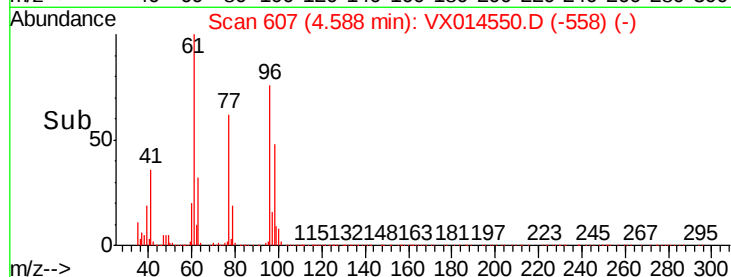
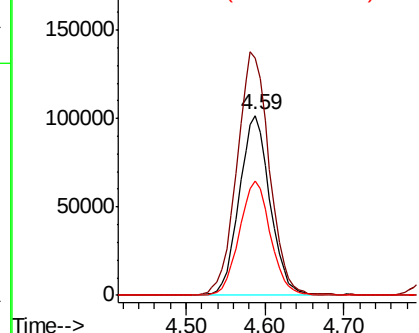


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

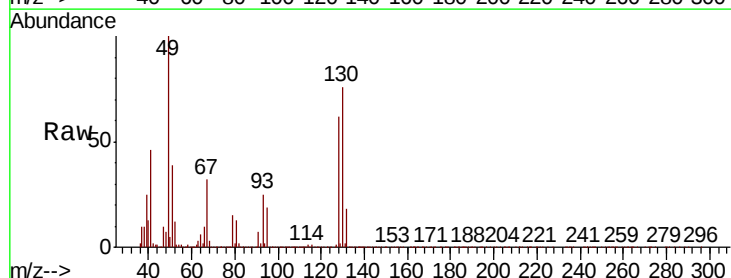
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 50.121 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.4
130	80.5	67.0	100.4

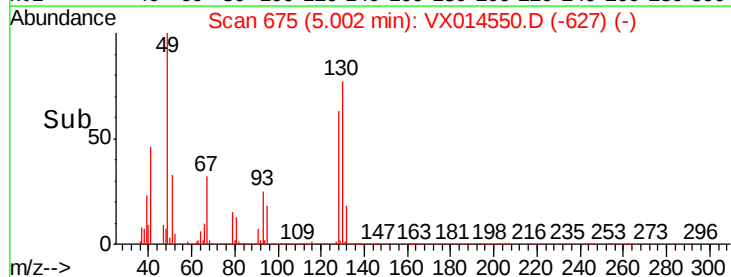
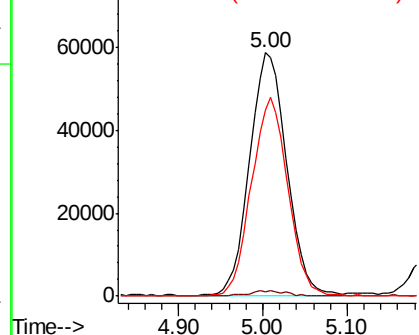


Abundance

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: 270.708 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

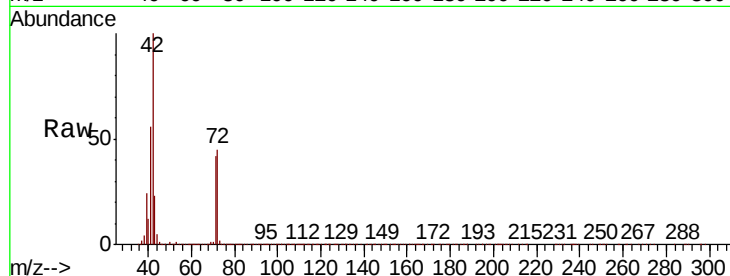
Tot Ion: 42 Resp: 610001

Ion Ratio Lower Upper

42 100

72 45.2 36.2 54.4

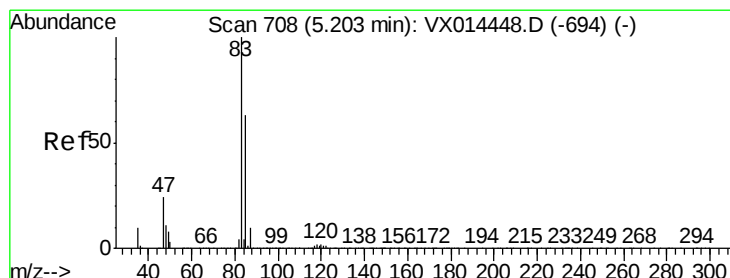
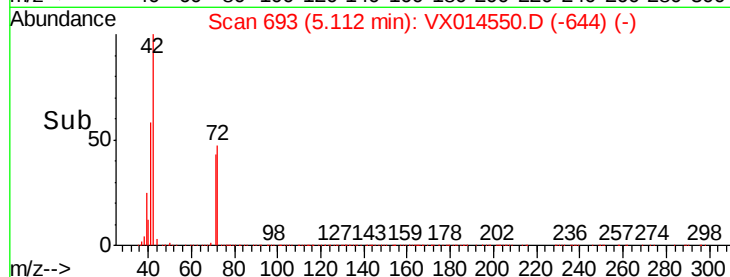
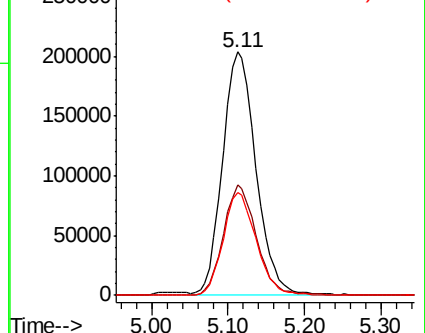
71 42.3 34.1 51.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 52.432 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.00 min

Lab File: VX014550.D

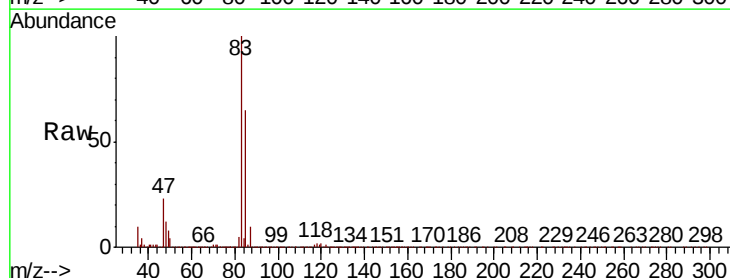
Acq: 10 Jan 2020 20:37

Tgt Ion: 83 Resp: 426875

Ion Ratio Lower Upper

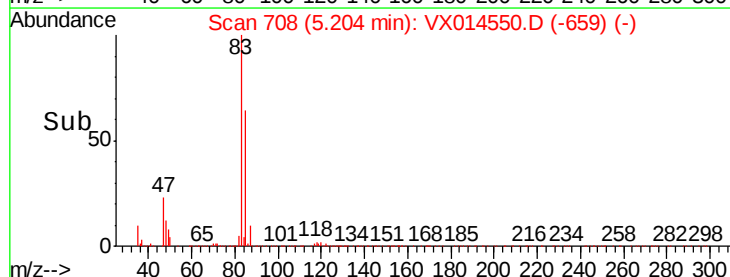
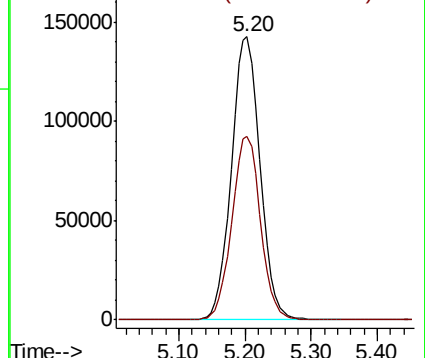
83 100

85 64.9 50.6 75.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

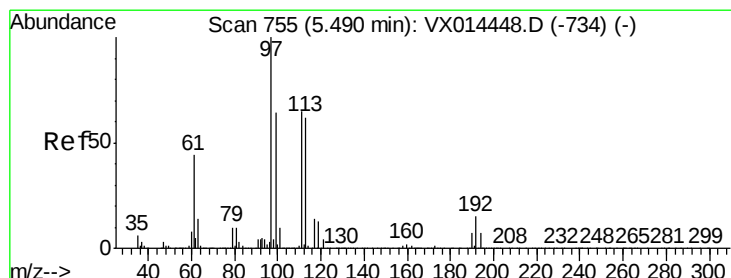
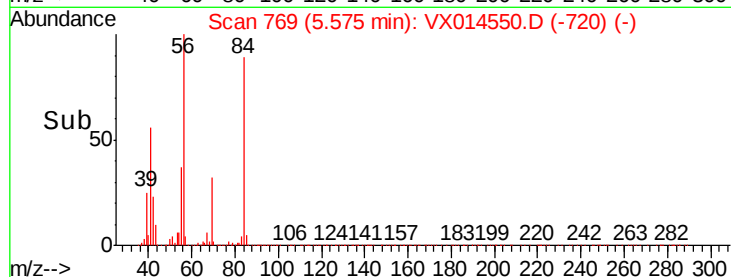
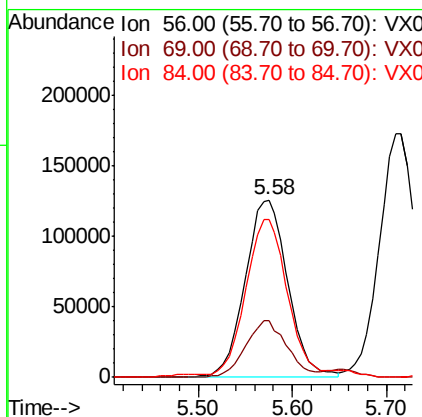
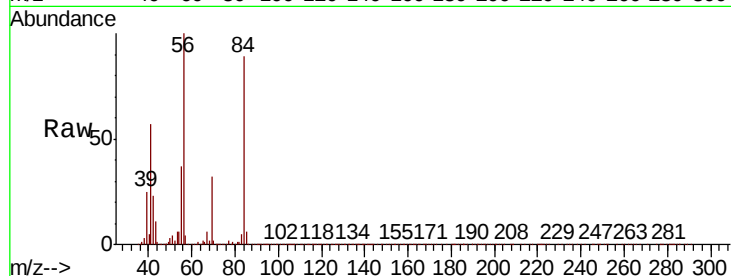




#31
Cyclohexane
Concen: 51.015 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

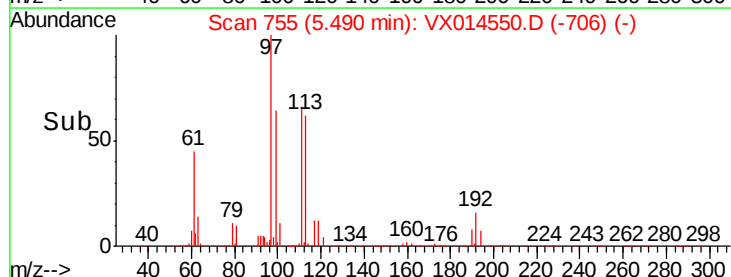
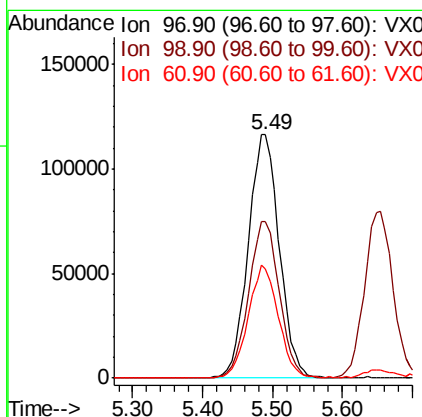
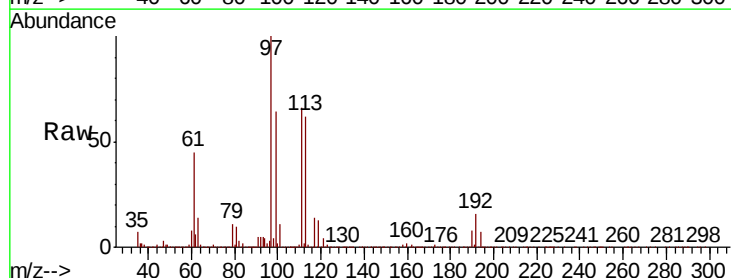
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

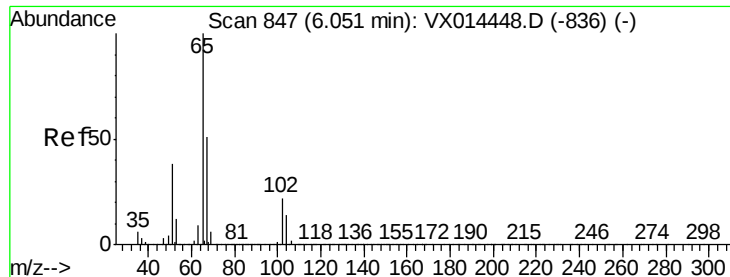
Tot Ion: 56 Resp: 397850
Ion Ratio Lower Upper
56 100
69 31.5 24.4 36.6
84 87.5 70.6 106.0



#32
1,1,1-Trichloroethane
Concen: 51.549 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

Tgt Ion: 97 Resp: 359242
Ion Ratio Lower Upper
97 100
99 63.8 51.8 77.6
61 44.8 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 51.026 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

Instrument :

MSVOA_X

ClientSampleId :

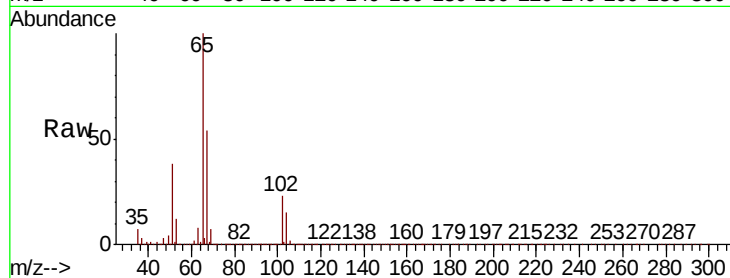
VSTDCCC050

Tot Ion: 65 Resp: 260349

Ion Ratio Lower Upper

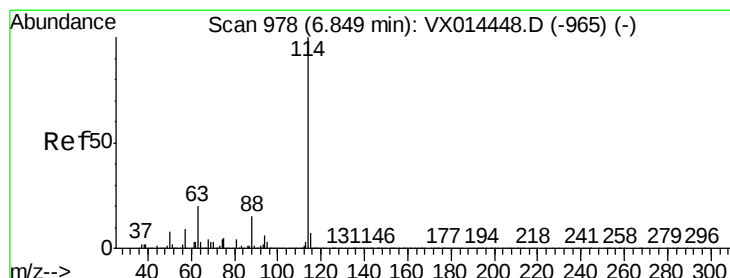
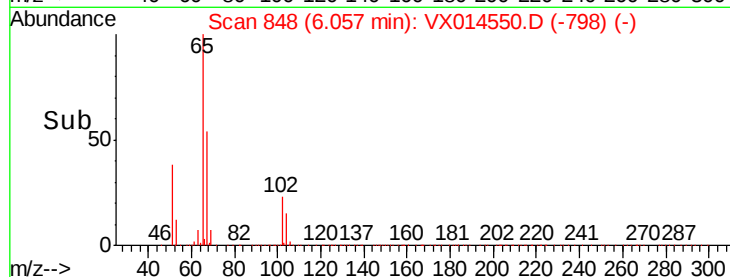
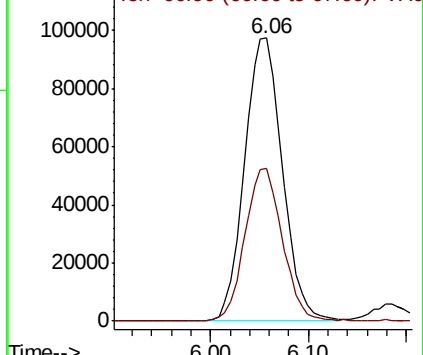
65 100

67 53.0 0.0 106.2



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# 978

Delta R.T. 0.00 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

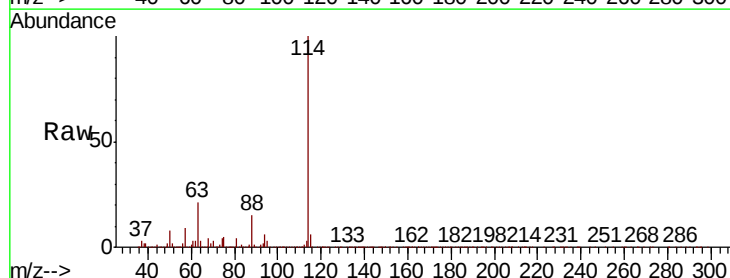
Tgt Ion: 114 Resp: 696343

Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.6

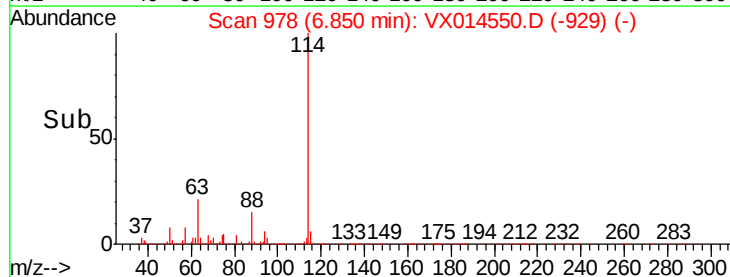
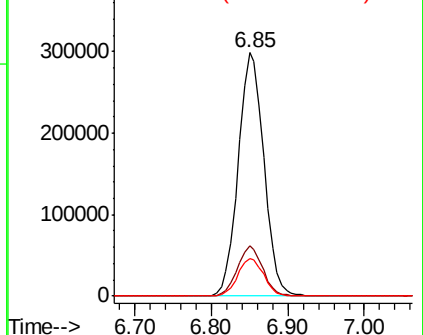
88 15.4 0.0 30.8

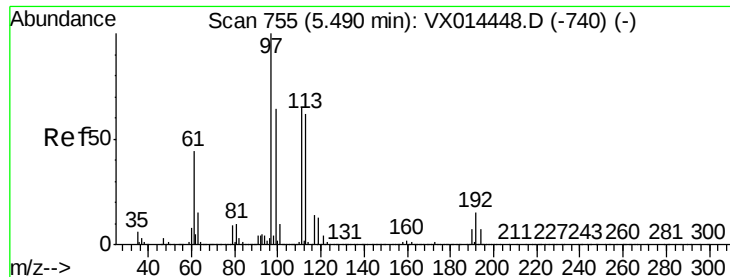


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

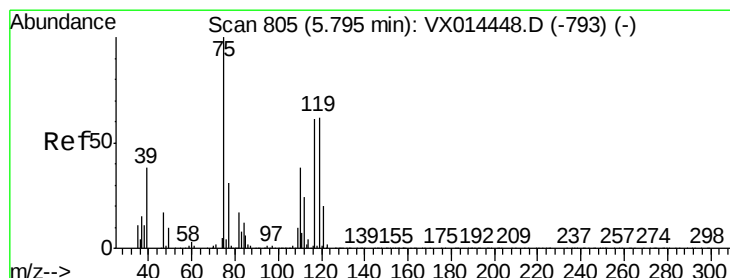
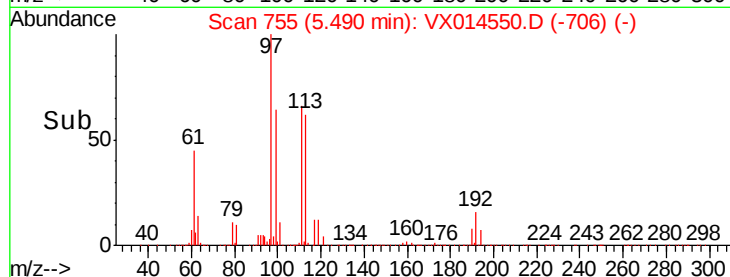
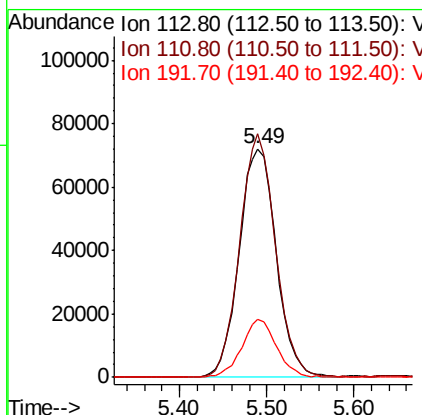
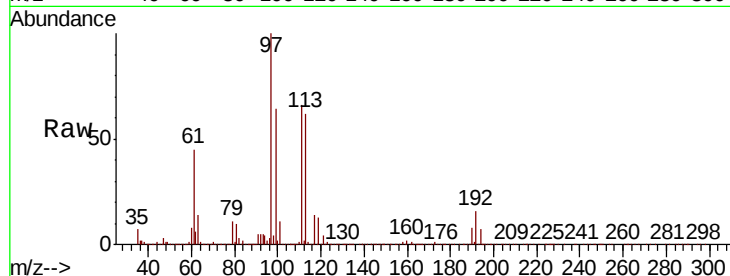




#35
 Dibromofluoromethane
 Concen: 50.409 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX014550.D
 Acq: 10 Jan 2020 20:37

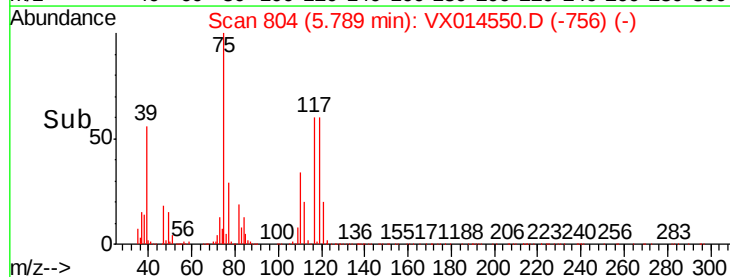
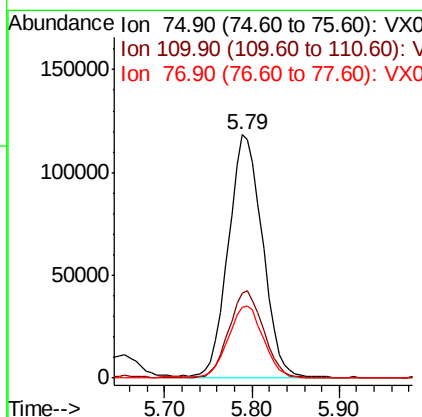
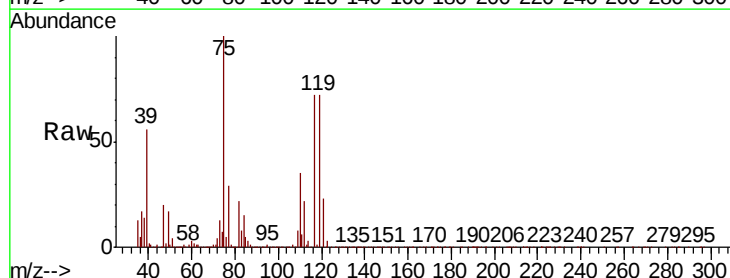
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

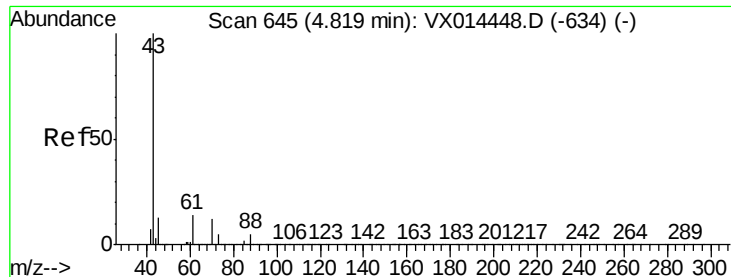
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.5	122.3
192	23.9	19.2	28.8



#36
 1,1-Dichloropropene
 Concen: 48.583 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX014550.D
 Acq: 10 Jan 2020 20:37

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.5	18.6	55.8
77	30.4	24.5	36.7

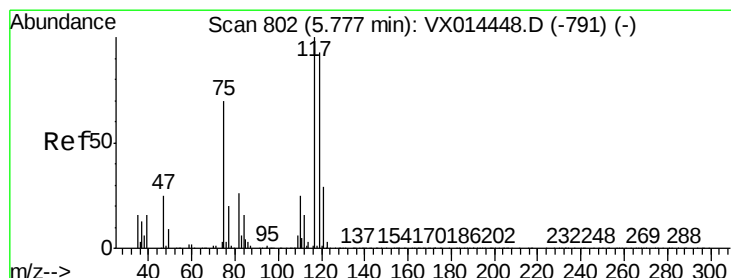
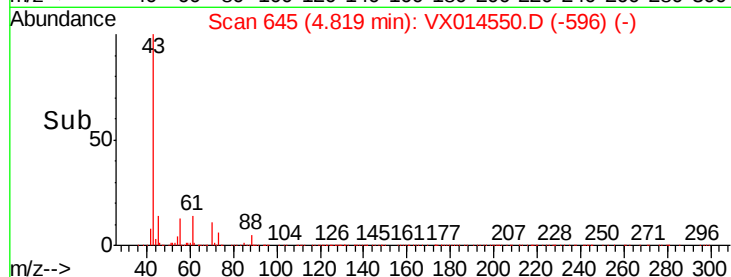
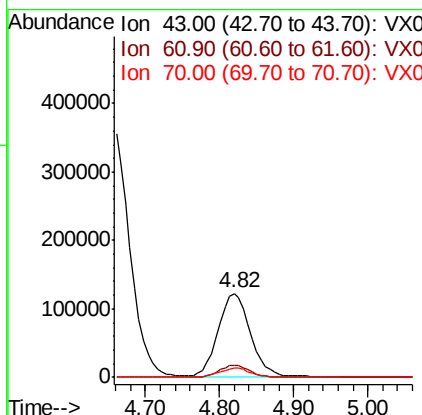
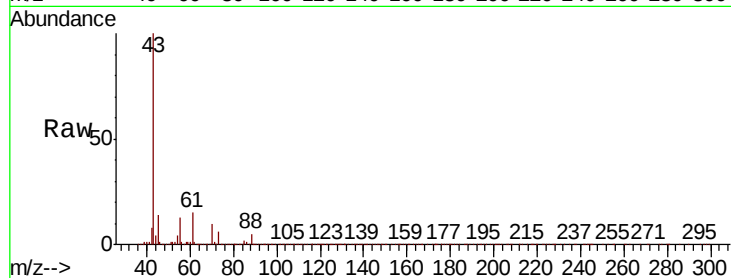




#37
Ethyl Acetate
Concen: 51.715 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

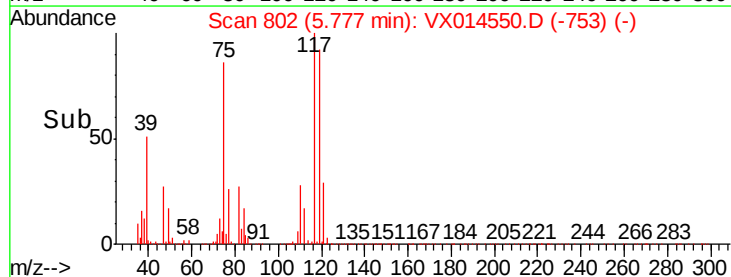
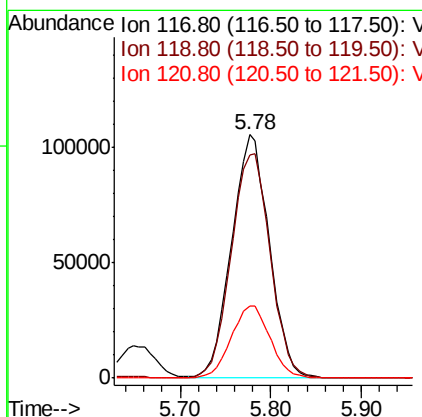
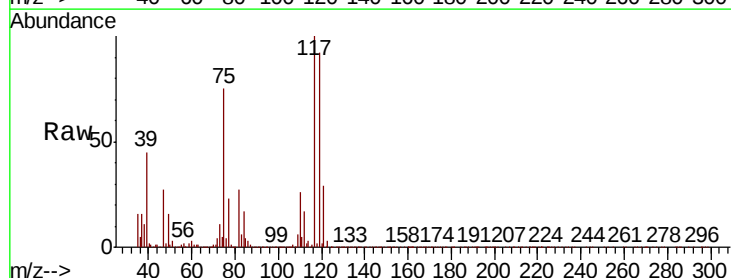
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

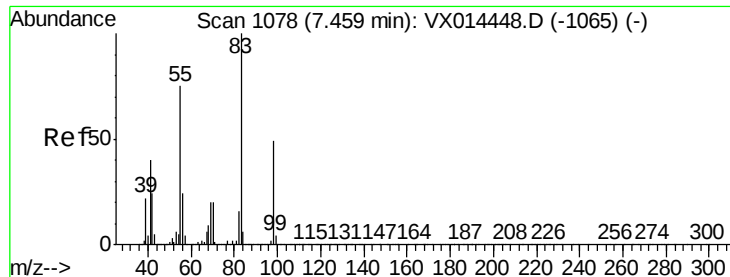
Tot Ion: 43 Resp: 367850
Ion Ratio Lower Upper
43 100
61 13.6 11.1 16.7
70 10.3 8.9 13.3



#38
Carbon Tetrachloride
Concen: 50.232 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

Tgt Ion: 117 Resp: 302704
Ion Ratio Lower Upper
117 100
119 91.8 73.8 110.8
121 29.4 23.4 35.0

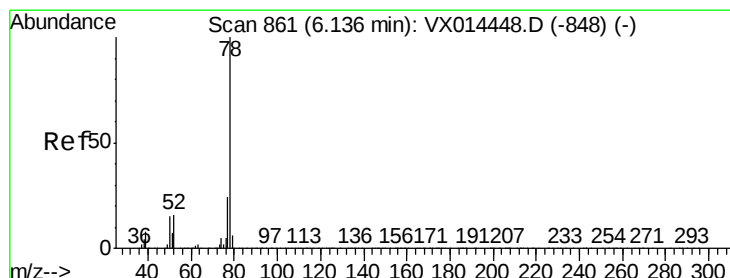
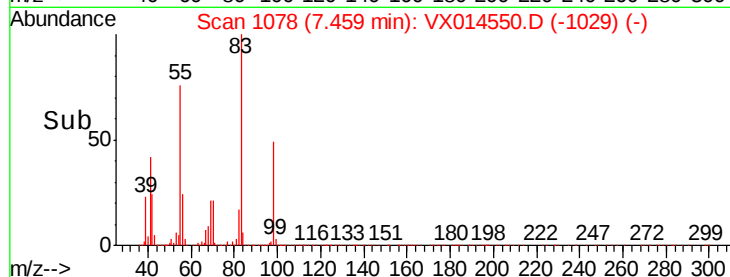
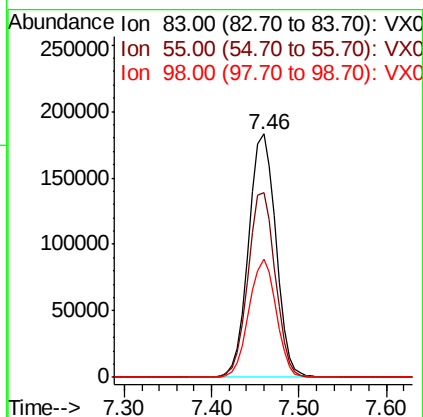
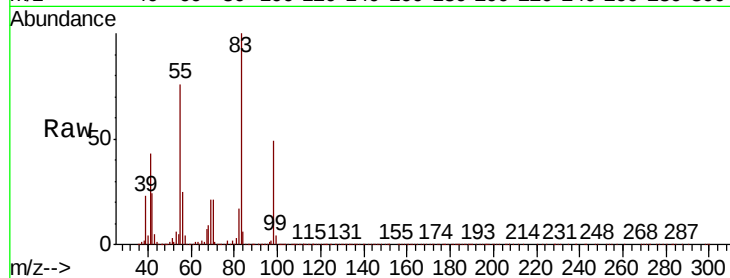




#39
Methvlcvclohexane
Concen: 48.320 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

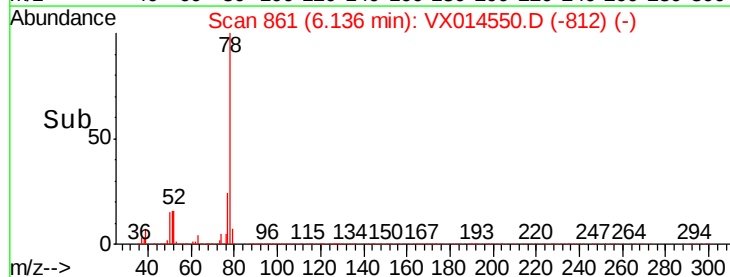
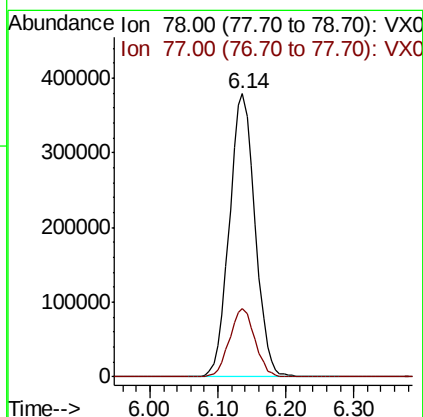
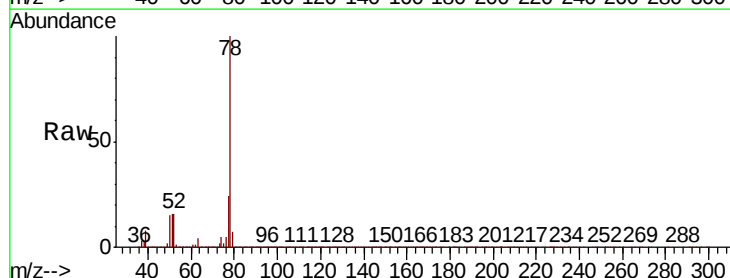
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

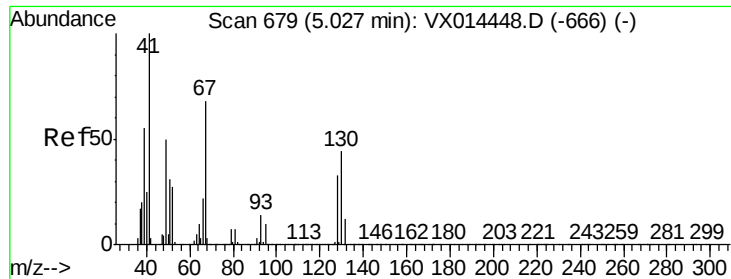
Tot Ion: 83 Resp: 397538
Ion Ratio Lower Upper
83 100
55 75.6 59.7 89.5
98 48.6 39.1 58.7



#40
Benzene
Concen: 51.061 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

Tgt Ion: 78 Resp: 992403
Ion Ratio Lower Upper
78 100
77 24.3 19.5 29.3

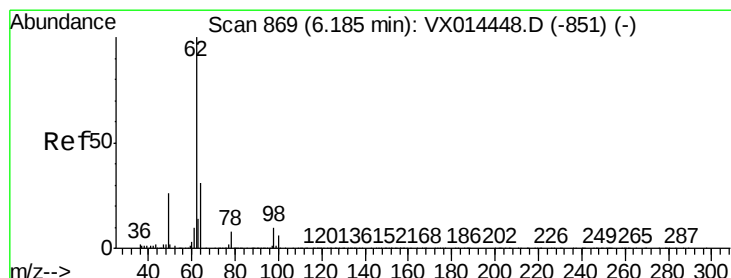
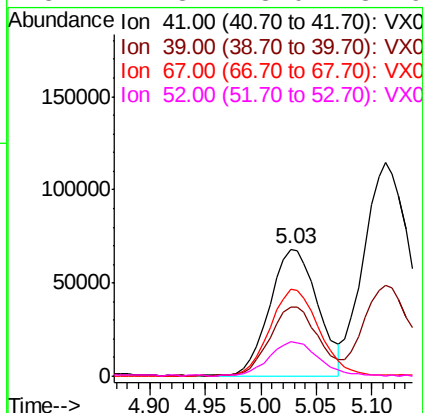
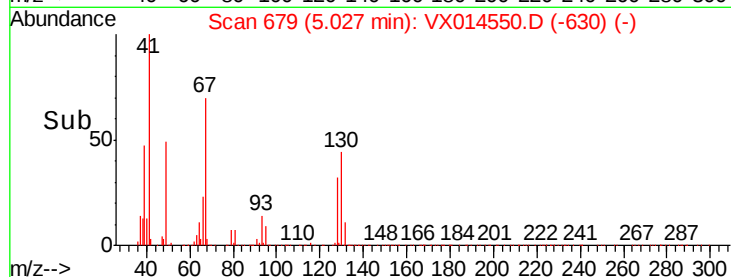
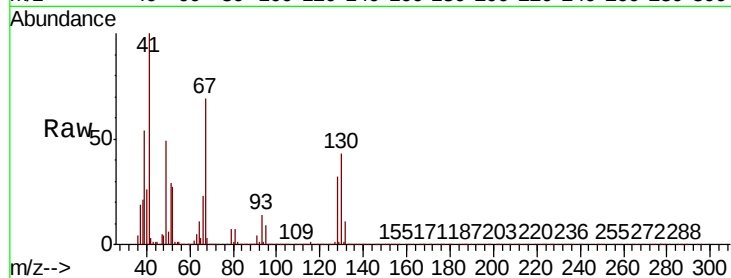




#41
Methacrylonitrile
Concen: 54.039 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

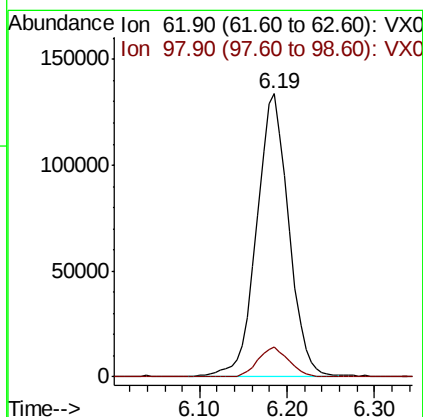
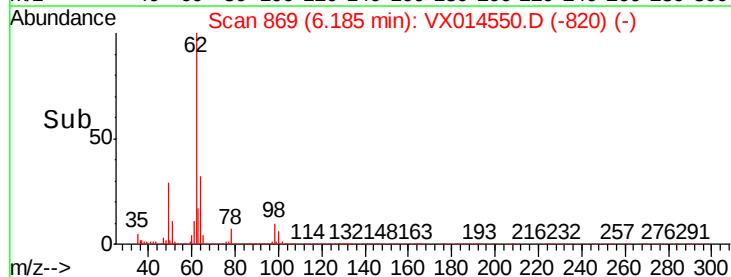
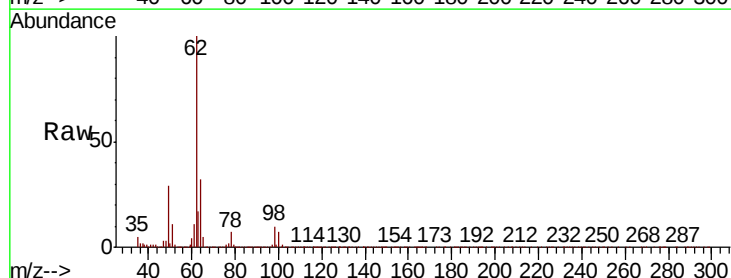
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

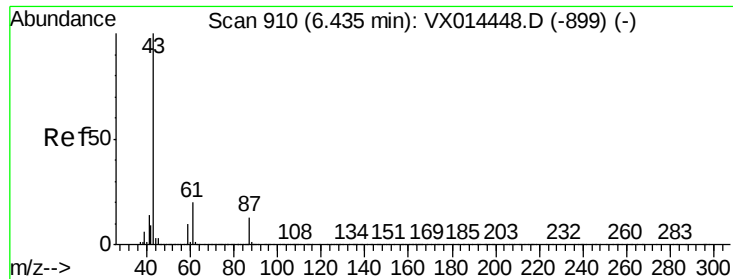
Tot Ion:	41	Resp:	204979
Ion	Ratio	Lower	Upper
41	100		
39	55.1	43.6	65.4
67	69.5	57.9	86.9
52	27.3	23.0	34.6



#42
1,2-Dichloroethane
Concen: 50.580 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

Tgt Ion:	62	Resp:	343716
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.4





#43

Isopropyl Acetate

Concen: 52.563 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

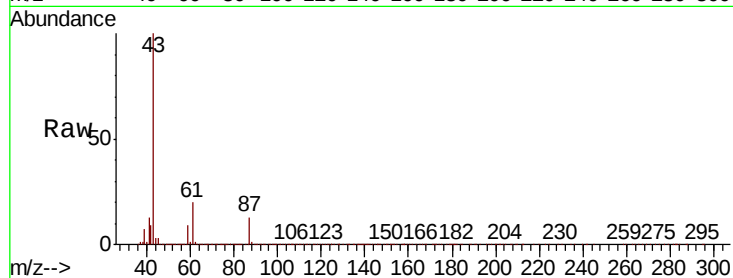
Tot Ion: 43 Resp: 603973

Ion Ratio Lower Upper

43 100

61 20.8 16.6 24.8

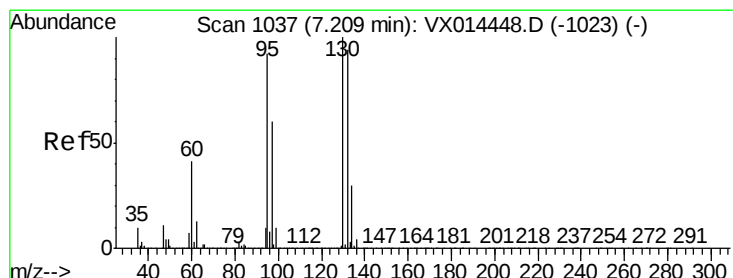
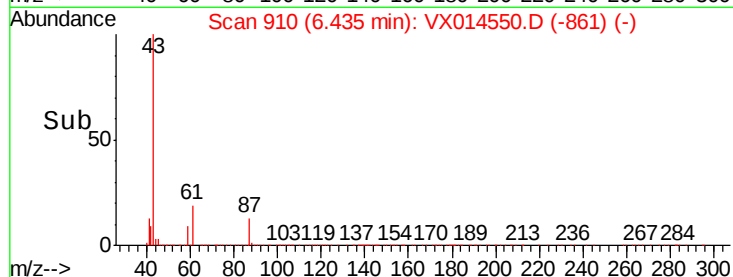
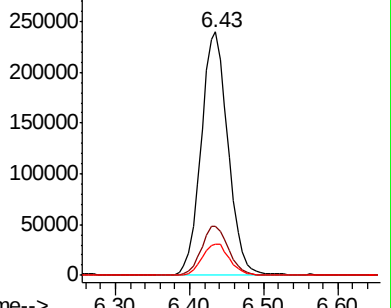
87 13.2 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 50.696 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX014550.D

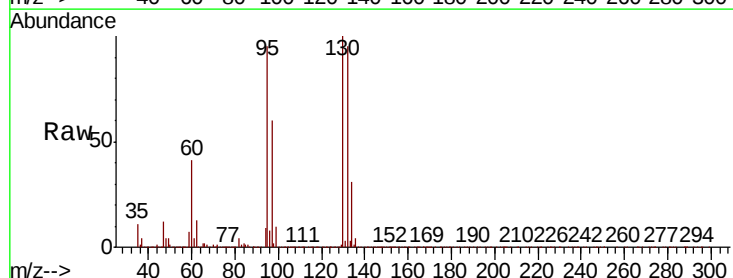
Acq: 10 Jan 2020 20:37

Tgt Ion:130 Resp: 283158

Ion Ratio Lower Upper

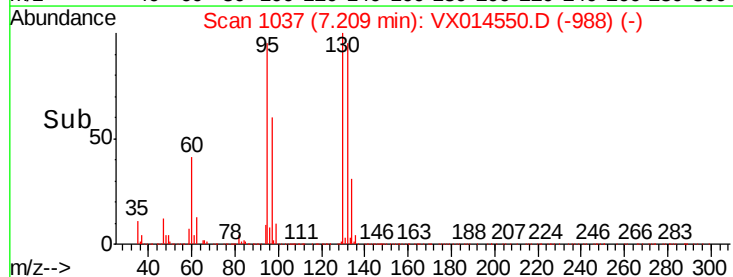
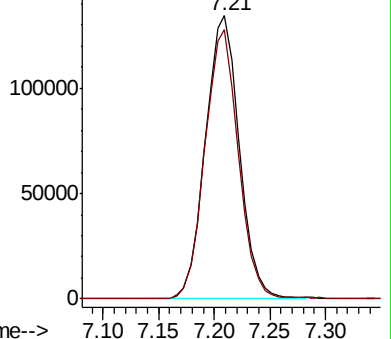
130 100

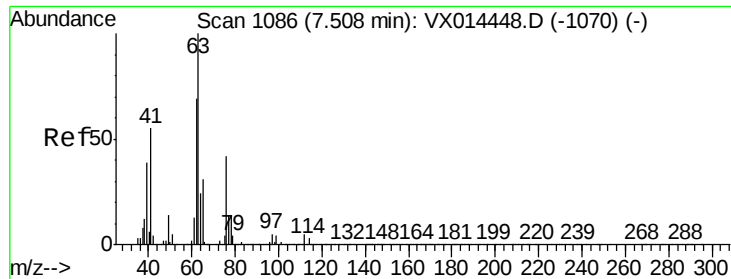
95 94.9 0.0 184.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

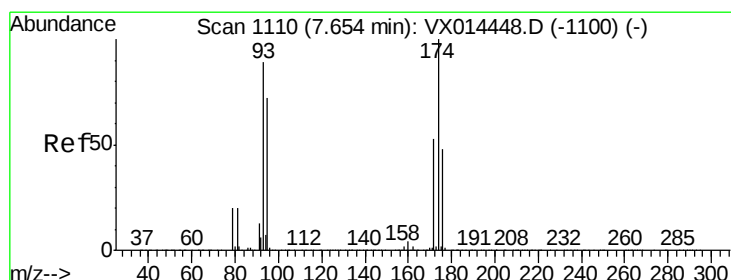
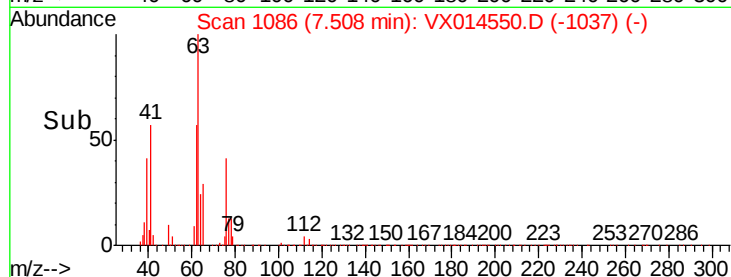
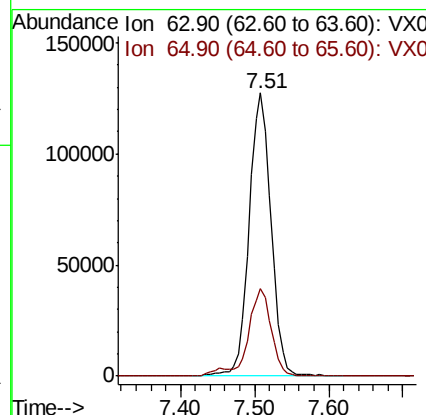
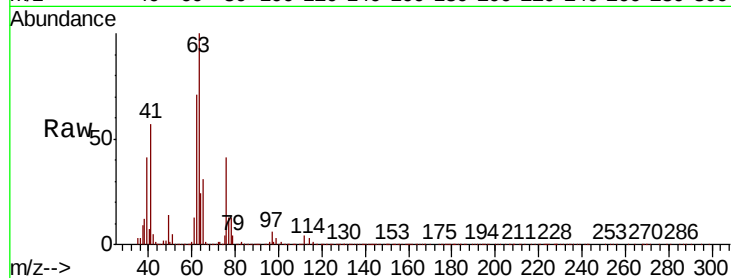




#45
 1,2-Dichloropropane
 Concen: 53.020 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014550.D
 Acq: 10 Jan 2020 20:37

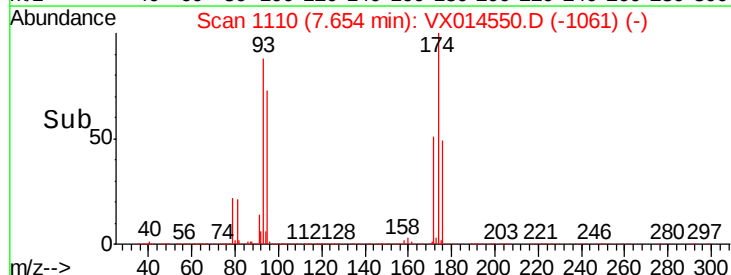
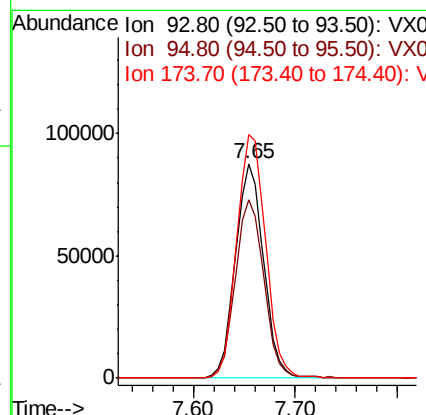
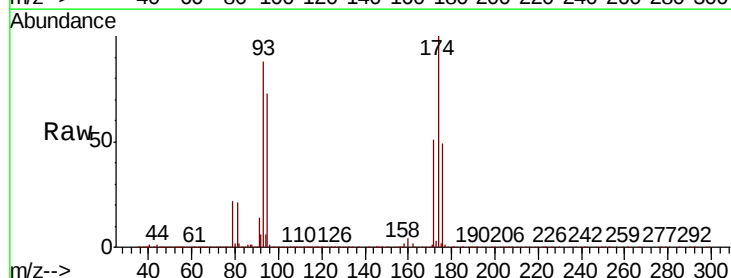
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

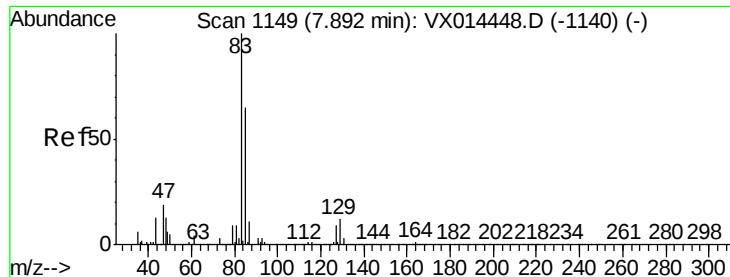
Tot Ion: 63 Resp: 262719
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.8 37.2



#46
 Dibromomethane
 Concen: 48.036 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014550.D
 Acq: 10 Jan 2020 20:37

Tgt Ion: 93 Resp: 166131
 Ion Ratio Lower Upper
 93 100
 95 85.4 65.4 98.2
 174 117.3 93.0 139.4





#47

Bromodichloromethane

Concen: 52.289 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

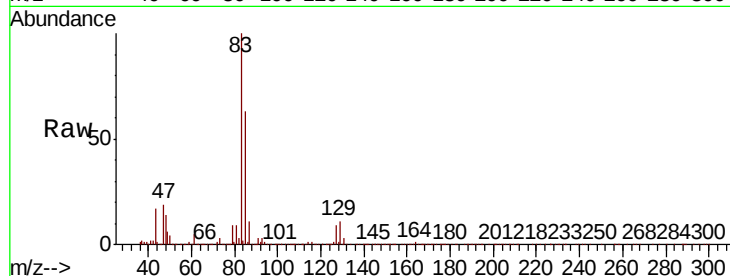
Tot Ion: 83 Resp: 329058

Ion Ratio Lower Upper

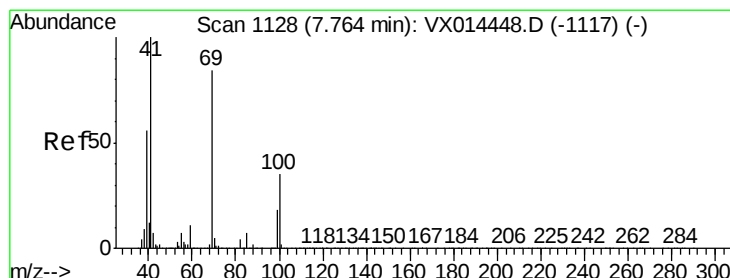
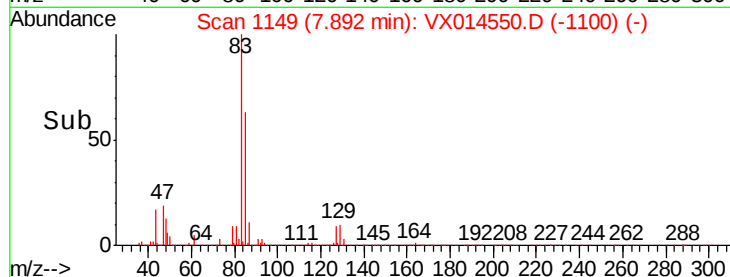
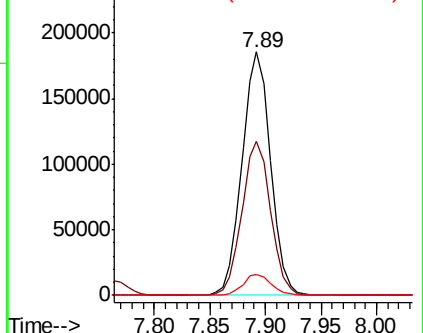
83 100

85 63.1 51.7 77.5

127 8.7 7.1 10.7



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: 53.928 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

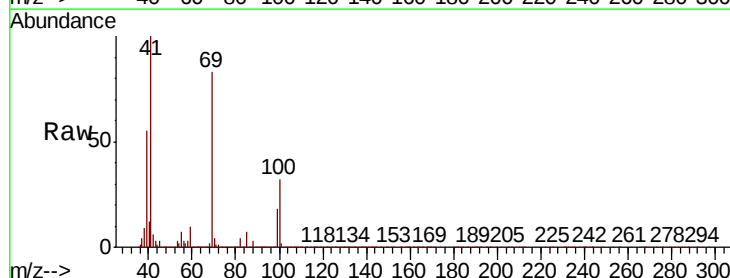
Tgt Ion: 41 Resp: 296783

Ion Ratio Lower Upper

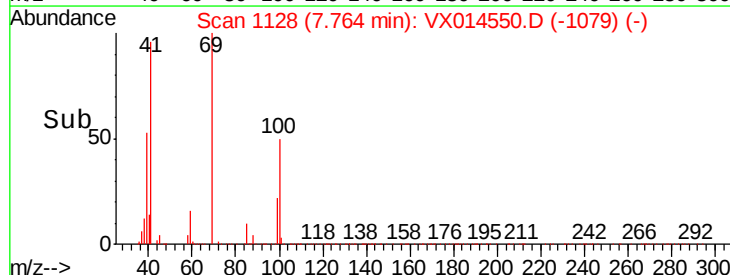
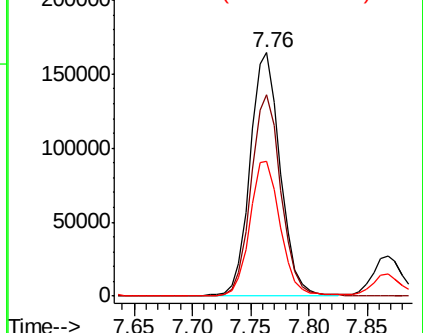
41 100

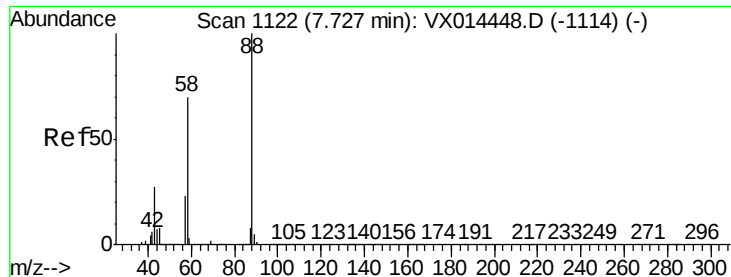
69 82.8 65.5 98.3

39 55.3 43.9 65.9



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

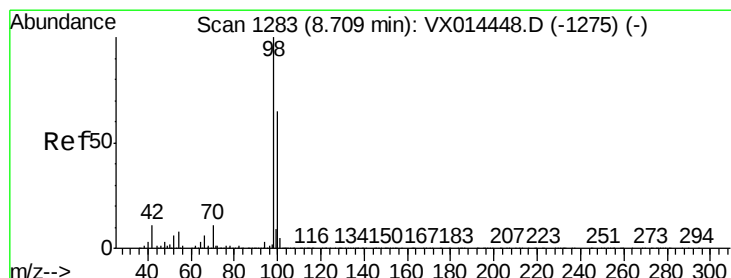
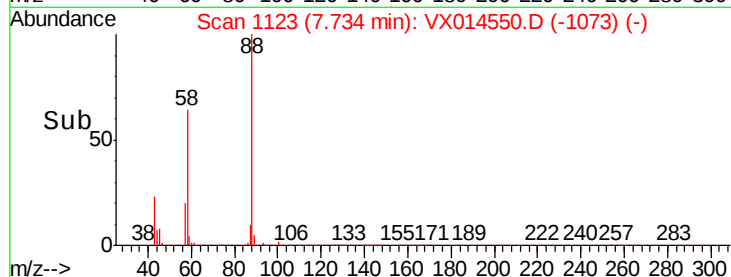
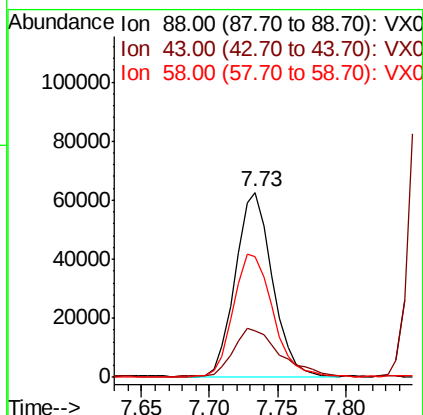
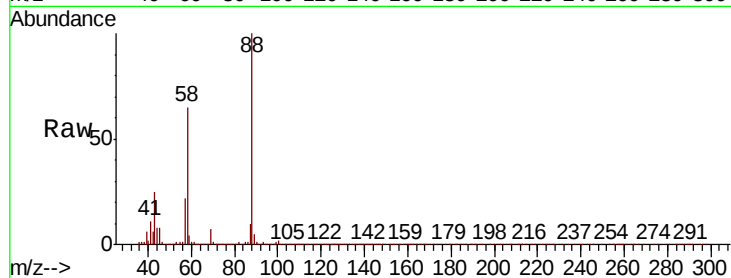




#49
1,4-Dioxane
Concen: 1023.682 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

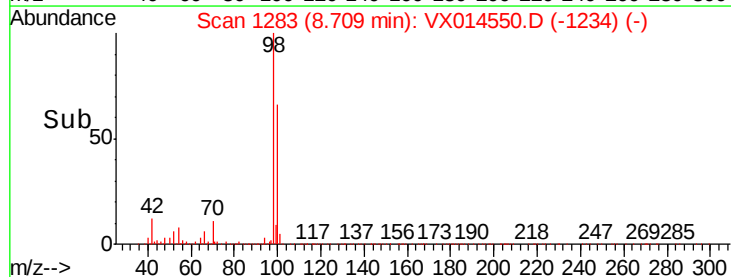
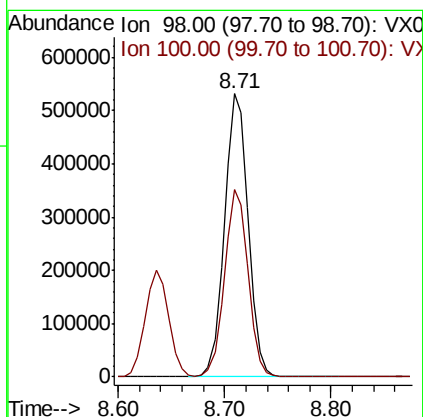
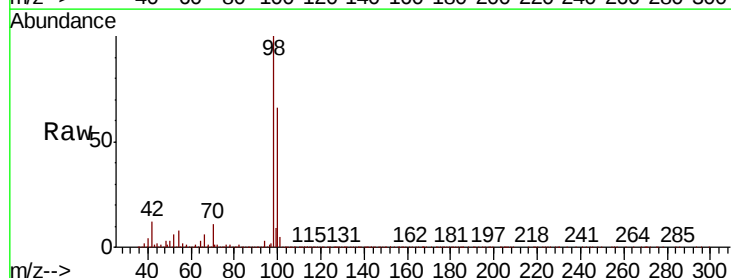
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

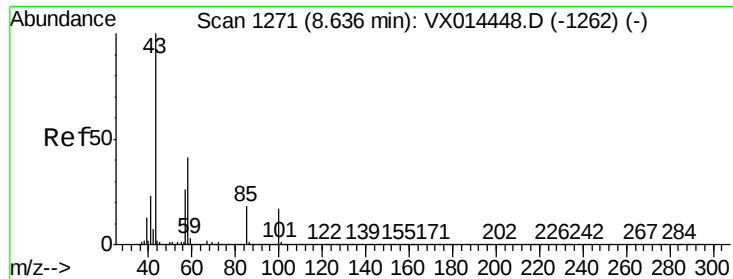
Tot Ion: 88 Resp: 119372
Ion Ratio Lower Upper
88 100
43 32.3 27.4 41.0
58 70.8 57.1 85.7



#50
Toluene-d8
Concen: 50.285 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

Tgt Ion: 98 Resp: 822559
Ion Ratio Lower Upper
98 100
100 65.8 53.2 79.8

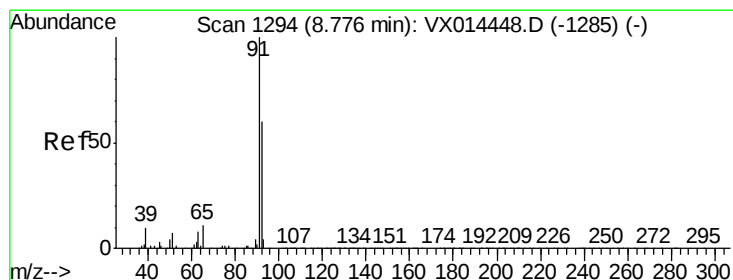
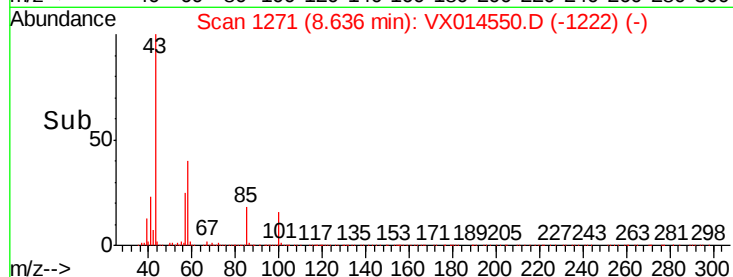
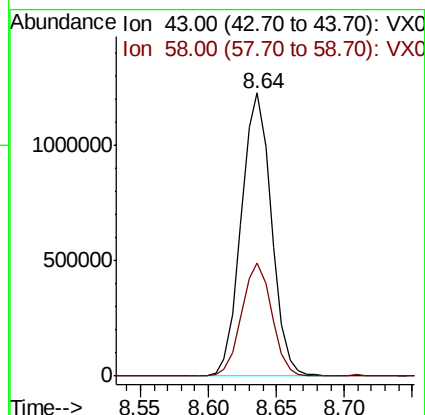
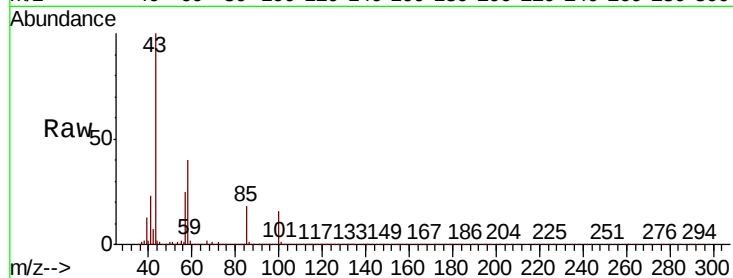




#51
 4-Methyl-2-Pentanone
 Concen: 272.201 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VX014550.D
 Acq: 10 Jan 2020 20:37

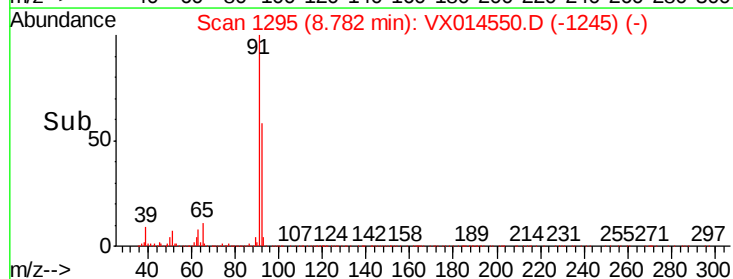
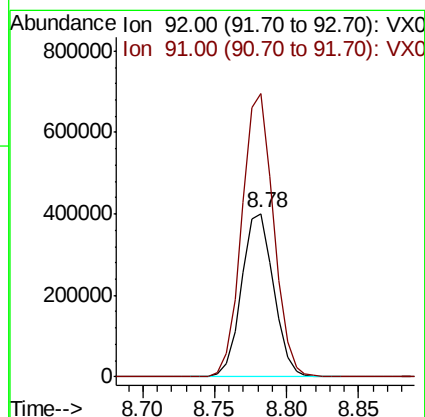
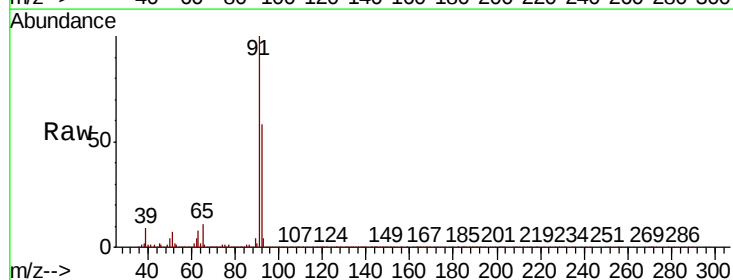
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 1905950
 Ion Ratio Lower Upper
 43 100
 58 39.9 32.4 48.6



#52
 Toluene
 Concen: 49.723 ug/l
 RT: 8.78 min Scan# 1295
 Delta R.T. 0.01 min
 Lab File: VX014550.D
 Acq: 10 Jan 2020 20:37

Tgt Ion: 92 Resp: 618636
 Ion Ratio Lower Upper
 92 100
 91 171.3 135.7 203.5

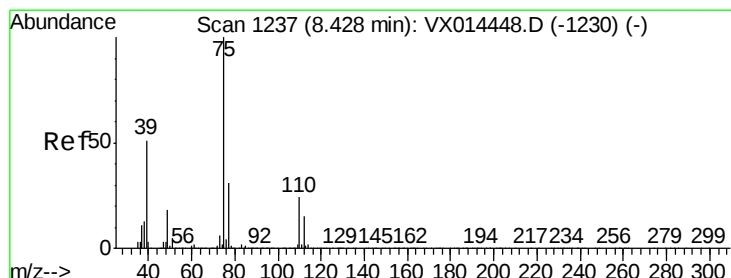
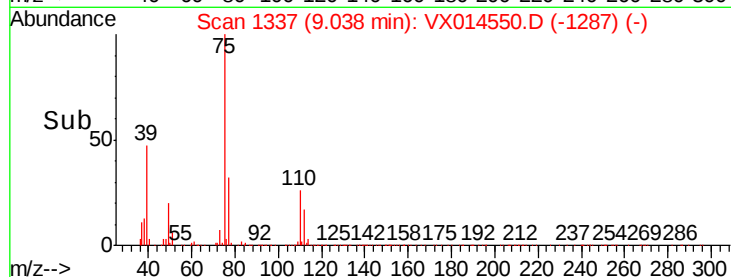
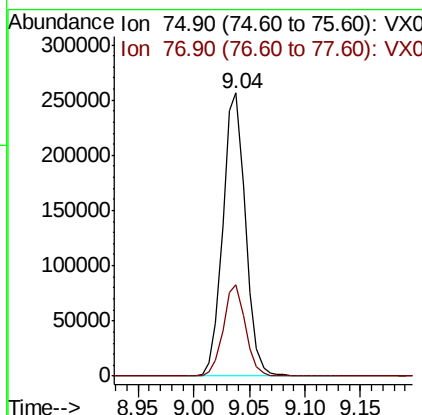
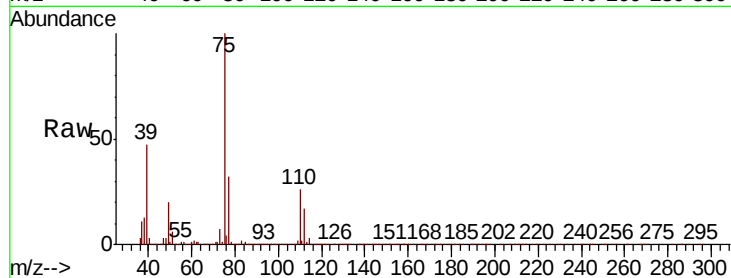




#53
t-1,3-Dichloropropene
Concen: 49.105 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.01 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

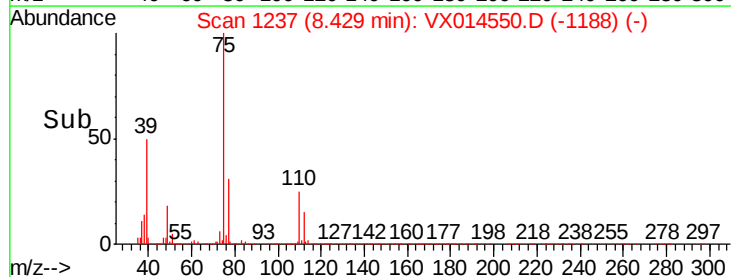
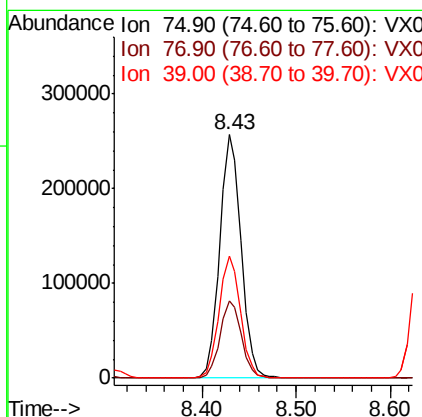
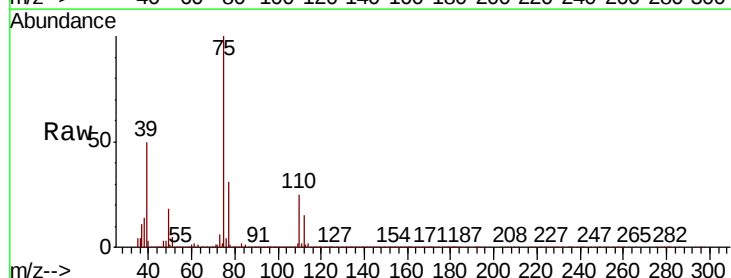
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 359773
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 50.831 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

Tgt Ion: 75 Resp: 402300
Ion Ratio Lower Upper
75 100
77 31.4 25.0 37.4
39 50.2 40.7 61.1





#55

1,1,2-Trichloroethane

Concen: 51.200 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 255865

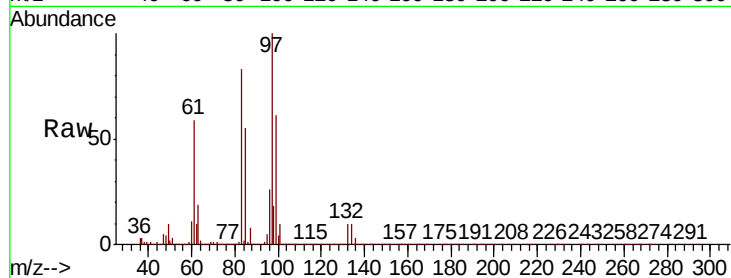
Ion Ratio Lower Upper

97 100

83 83.2 66.4 99.6

85 55.3 43.4 65.2

99 60.8 49.6 74.4

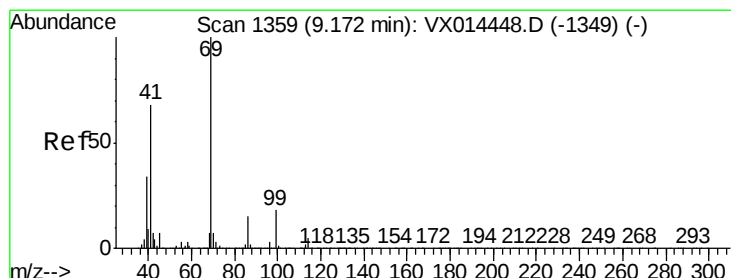
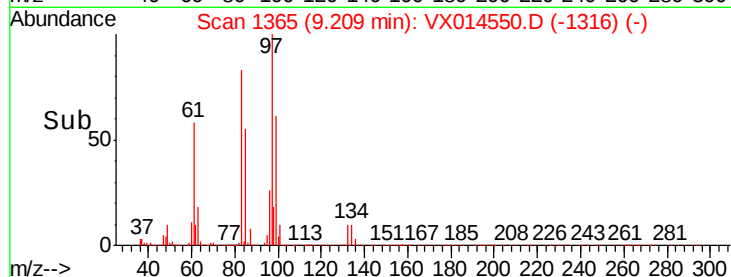
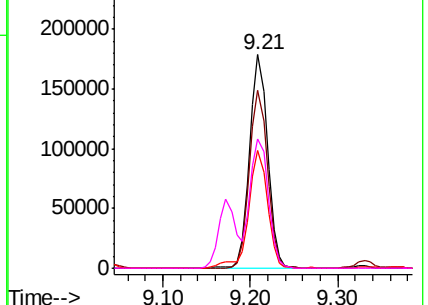


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 53.585 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

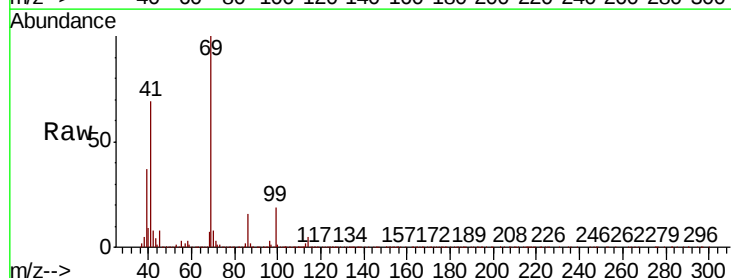
Tgt Ion: 69 Resp: 410255

Ion Ratio Lower Upper

69 100

41 68.0 54.2 81.2

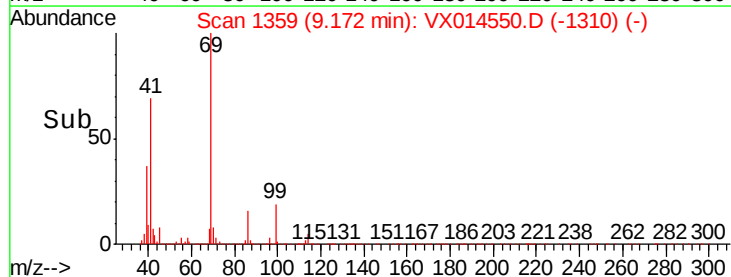
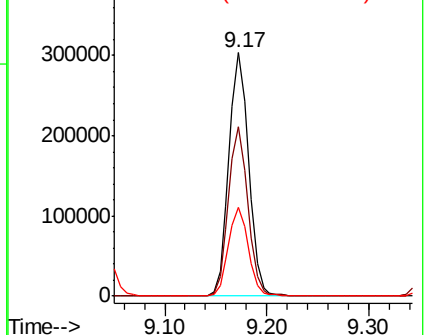
39 36.3 28.2 42.2

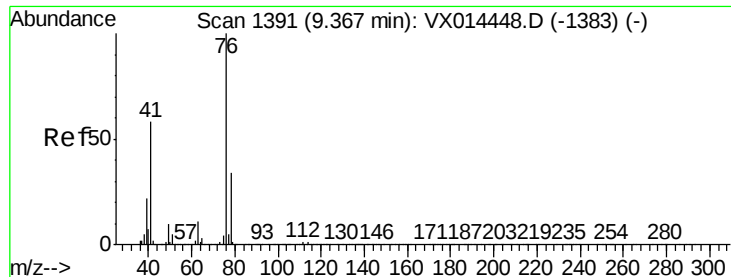


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 51.579 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

Instrument :

MSVOA_X

ClientSampleId :

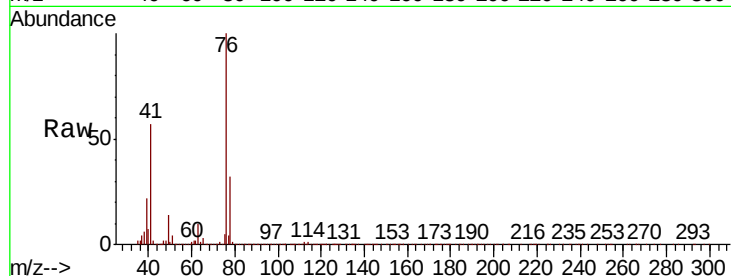
VSTDCCC050

Tot Ion: 76 Resp: 430972

Ion Ratio Lower Upper

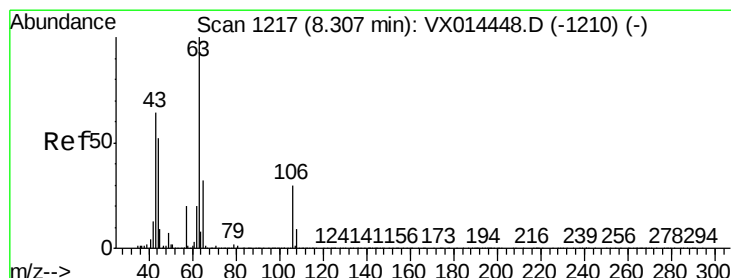
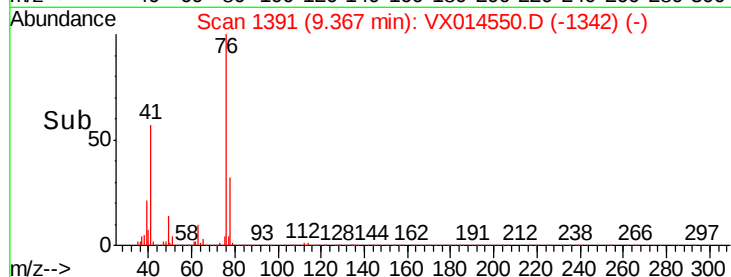
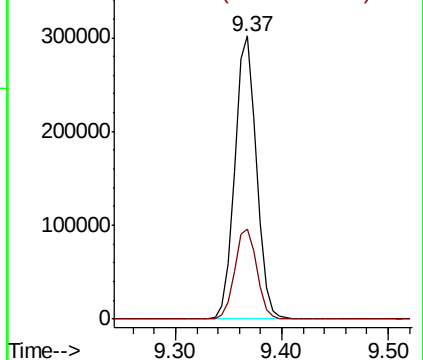
76 100

78 32.7 26.4 39.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 271.399 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014550.D

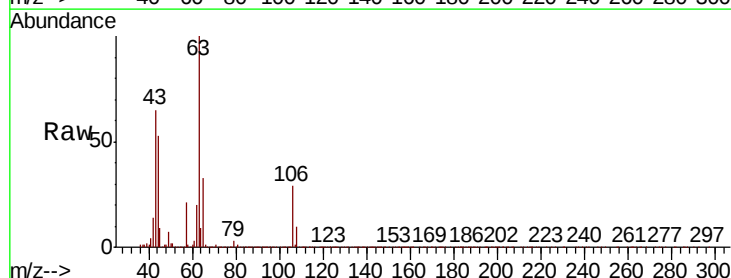
Acq: 10 Jan 2020 20:37

Tgt Ion: 63 Resp: 706961

Ion Ratio Lower Upper

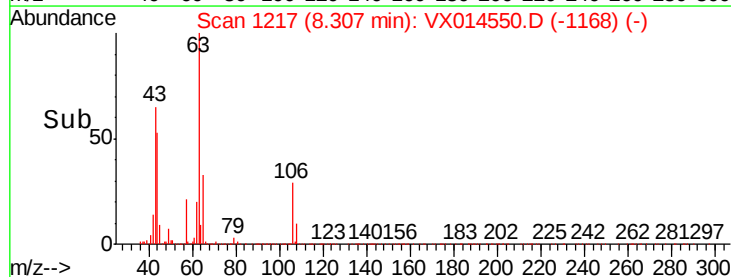
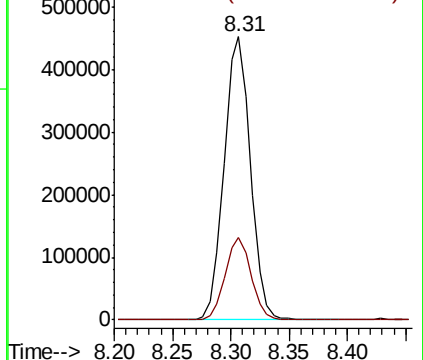
63 100

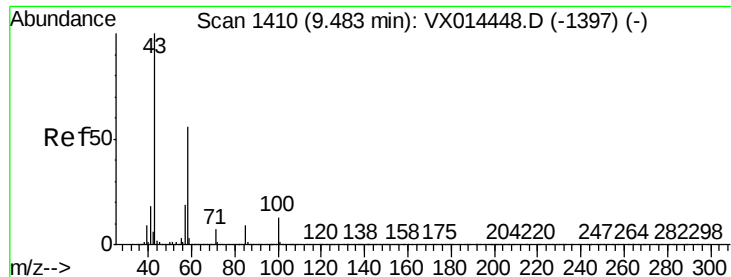
106 28.8 23.6 35.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

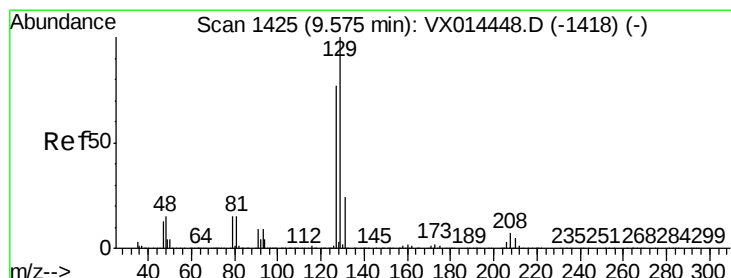
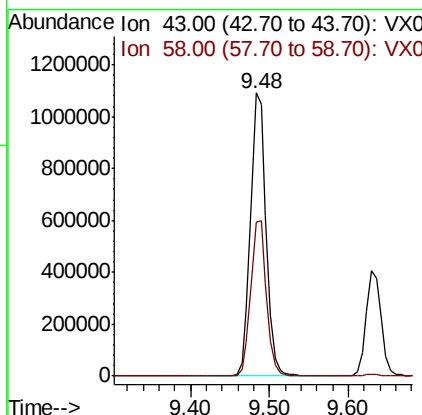
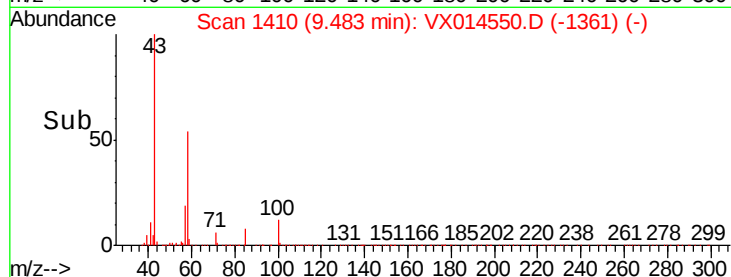
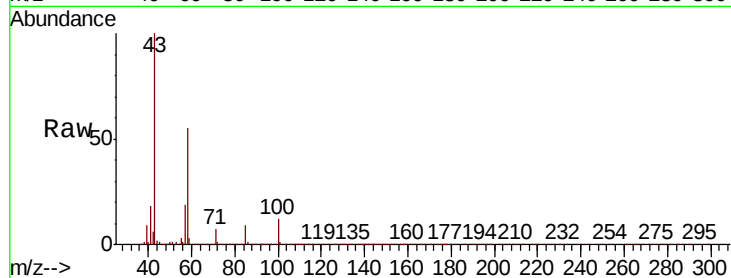




#59
2-Hexanone
Concen: 270.261 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

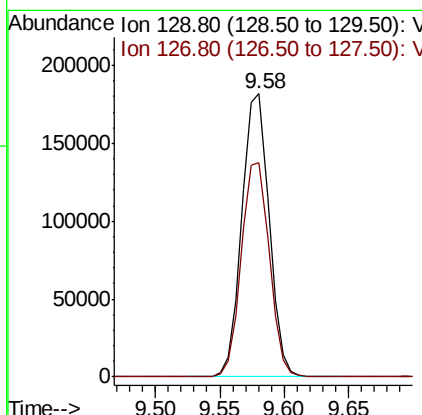
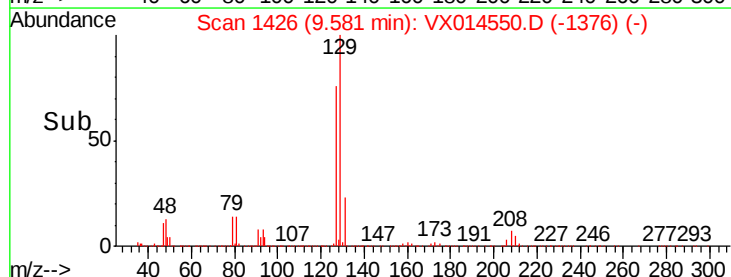
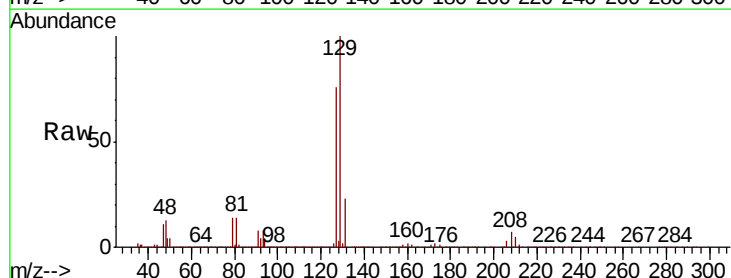
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

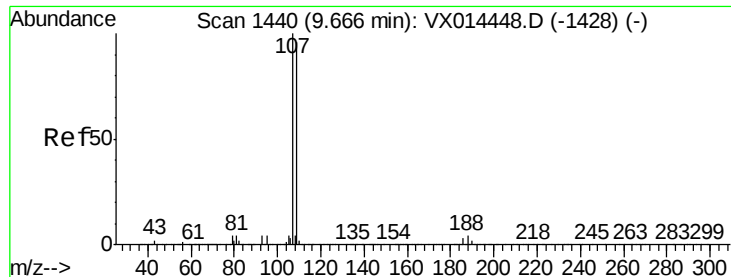
Tot Ion: 43 Resp: 1497326
Ion Ratio Lower Upper
43 100
58 55.5 27.9 83.7



#60
Dibromochloromethane
Concen: 53.071 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.01 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

Tgt Ion: 129 Resp: 266572
Ion Ratio Lower Upper
129 100
127 77.4 38.6 116.0





#61

1,2-Dibromoethane

Concen: 50.591 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

Instrument :

MSVOA_X

ClientSampleId :

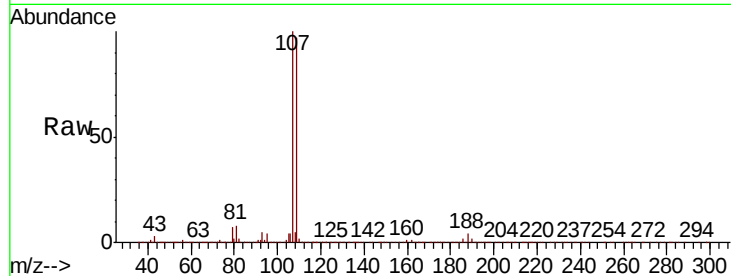
VSTDCCC050

Tot Ion: 107 Resp: 267810

Ion Ratio Lower Upper

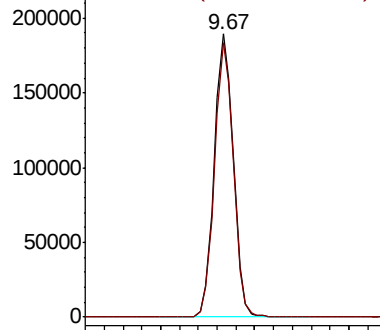
107 100

109 95.5 76.5 114.7

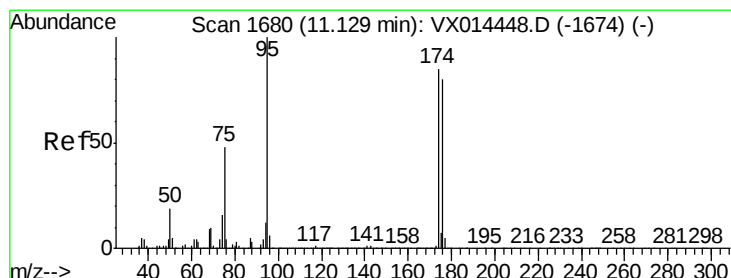
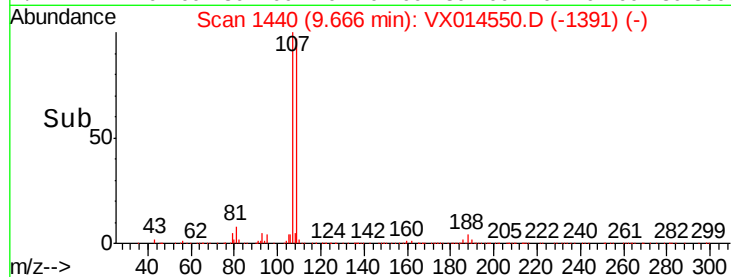


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 48.615 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

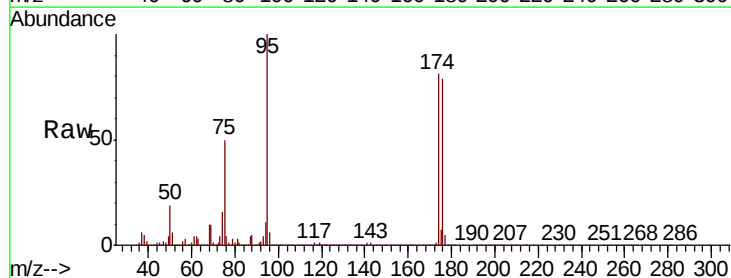
Tgt Ion: 95 Resp: 291946

Ion Ratio Lower Upper

95 100

174 90.2 0.0 180.8

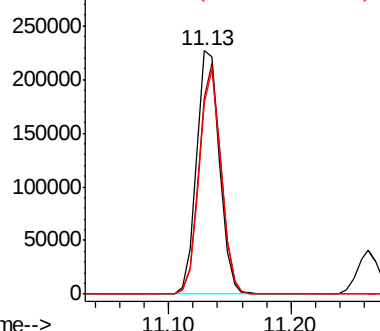
176 87.9 0.0 172.8



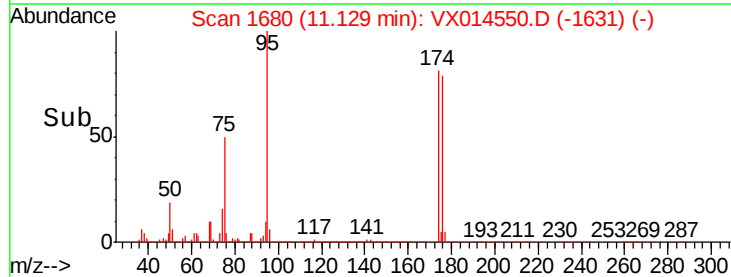
Abundance Ion 94.90 (94.60 to 95.60): VX0

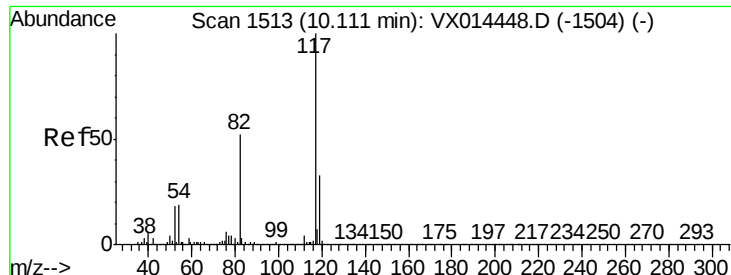
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

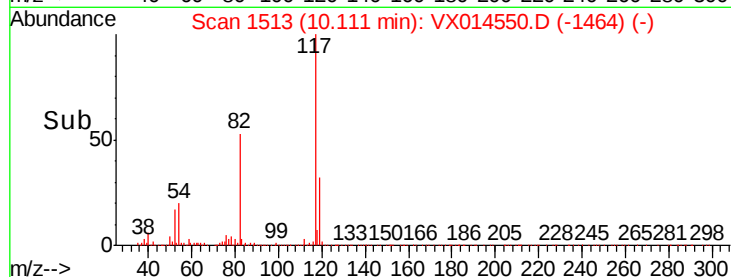
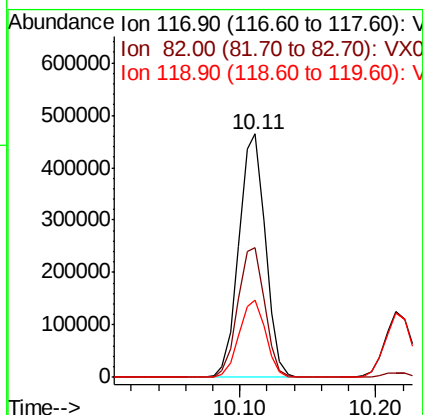
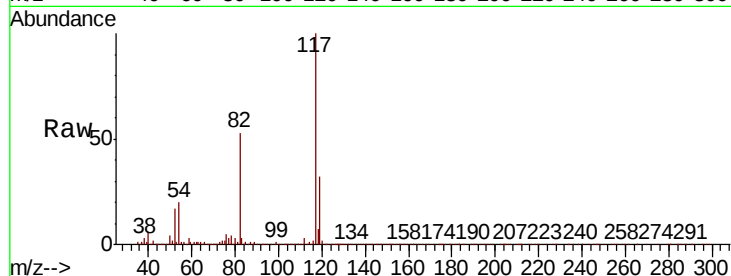




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

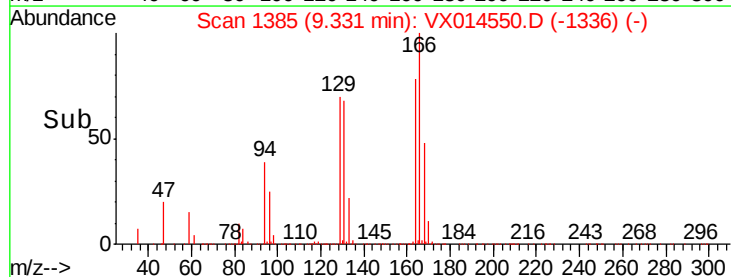
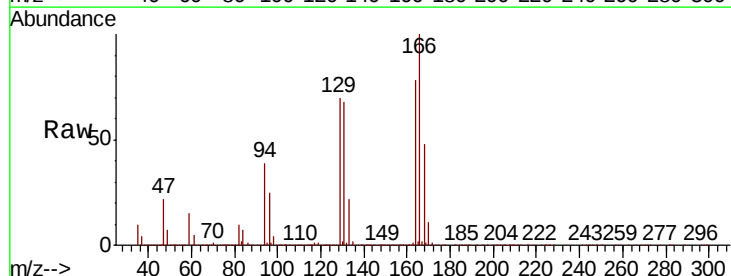
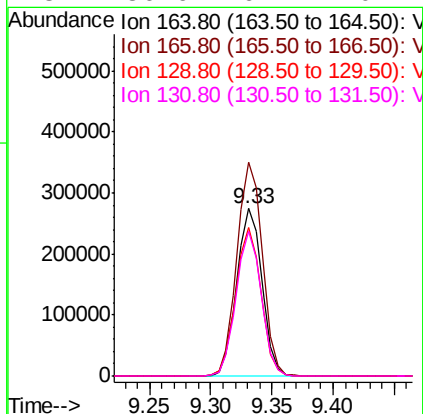
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

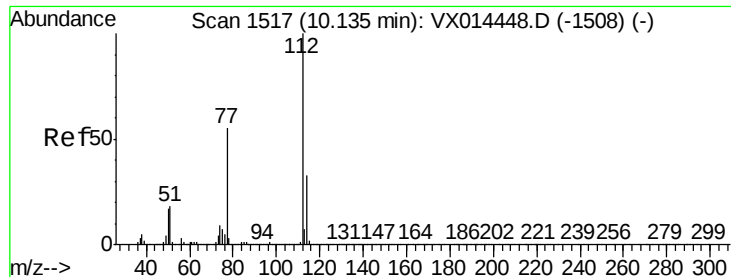
Tot Ion:117 Resp: 628660
Ion Ratio Lower Upper
117 100
82 53.1 41.8 62.6
119 31.8 26.2 39.4



#64
Tetrachloroethene
Concen: 61.879 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

Tgt Ion:164 Resp: 389874
Ion Ratio Lower Upper
164 100
166 127.8 101.2 151.8
129 88.8 68.3 102.5
131 86.6 67.4 101.2

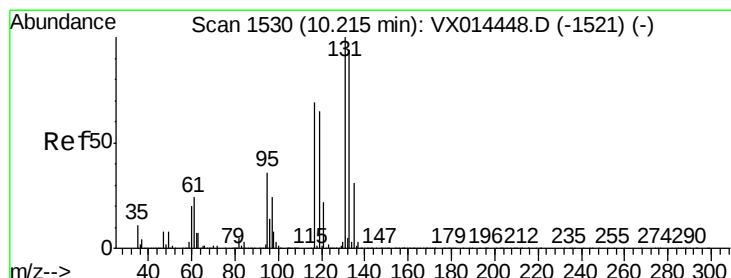
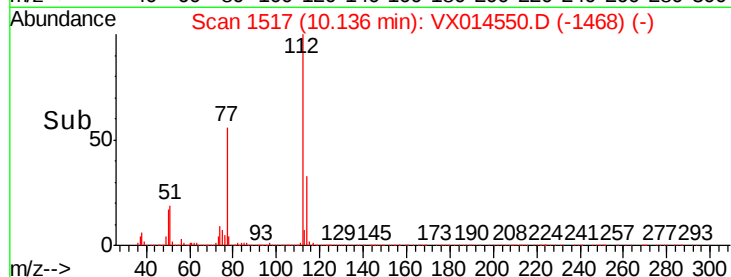
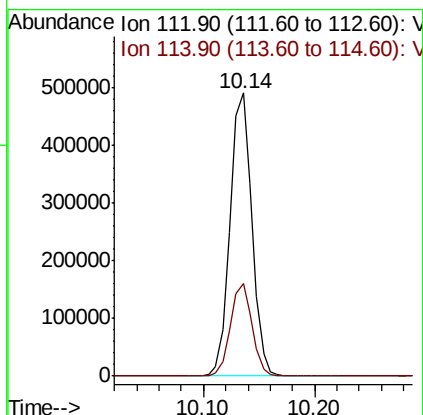
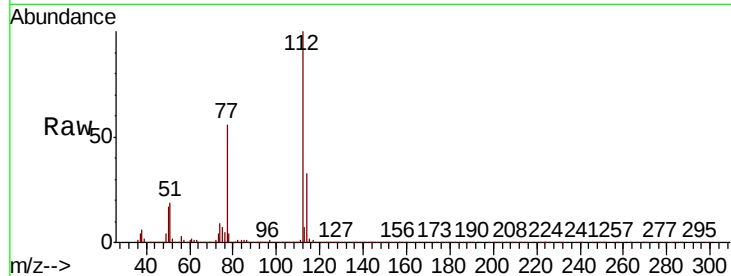




#65
Chlorobenzene
Concen: 48.688 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

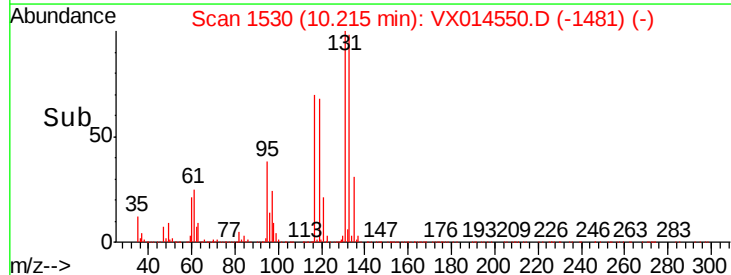
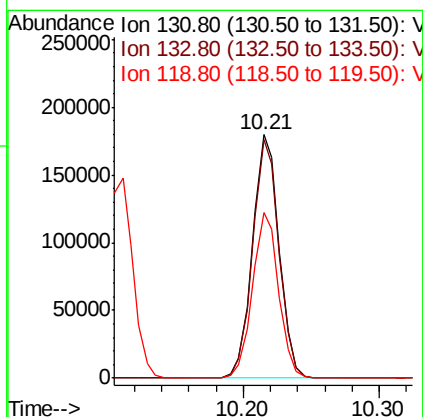
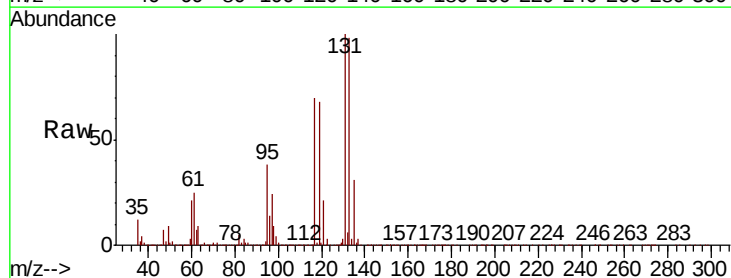
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

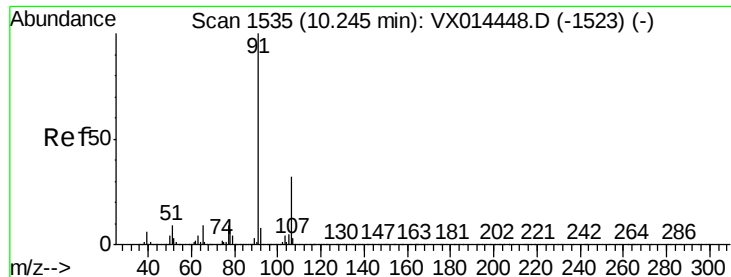
Tot Ion:112 Resp: 664243
Ion Ratio Lower Upper
112 100
114 32.7 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 50.594 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

Tgt Ion:131 Resp: 246329
Ion Ratio Lower Upper
131 100
133 97.3 47.3 142.0
119 66.6 32.8 98.4

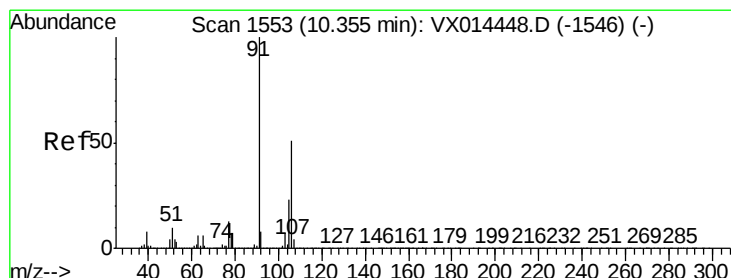
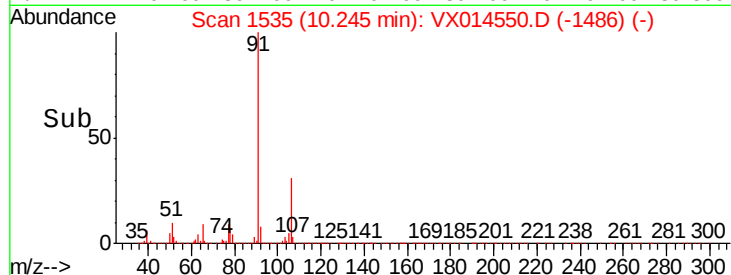
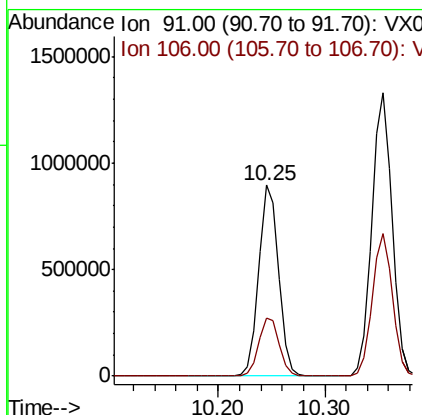
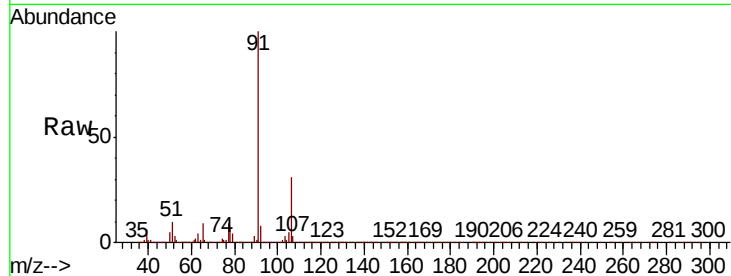




#67
Ethyl Benzene
Concen: 50.404 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

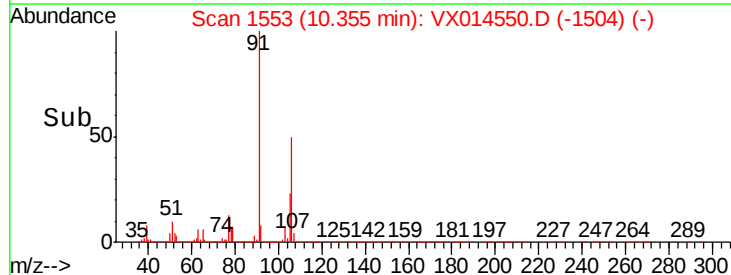
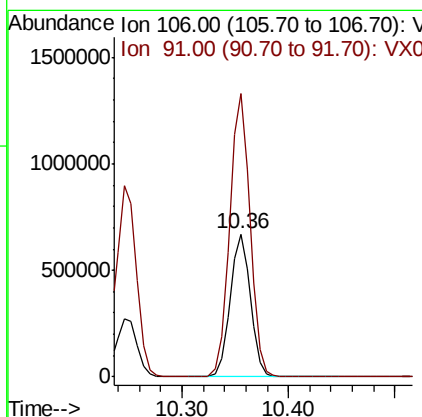
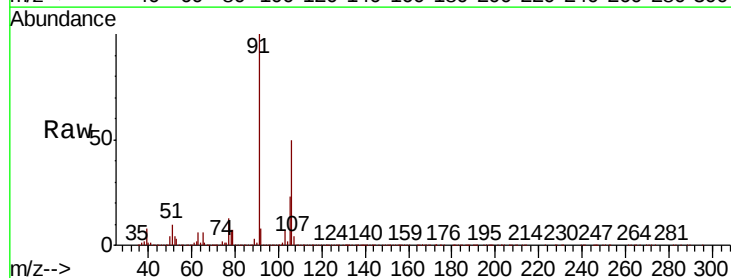
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

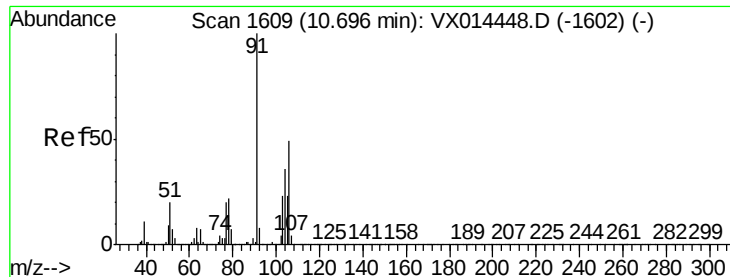
Tot Ion: 91 Resp: 1172076
Ion Ratio Lower Upper
91 100
106 30.7 25.6 38.4



#68
m/p-Xylenes
Concen: 99.489 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

Tgt Ion: 106 Resp: 892526
Ion Ratio Lower Upper
106 100
91 199.6 157.4 236.0

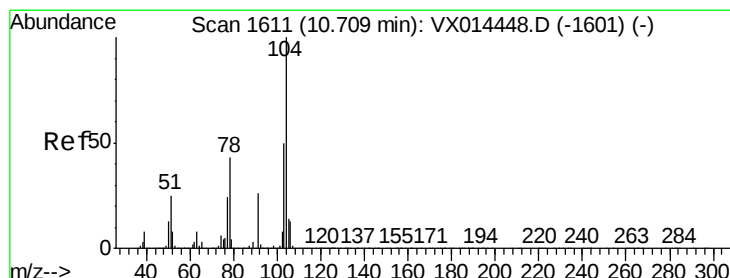
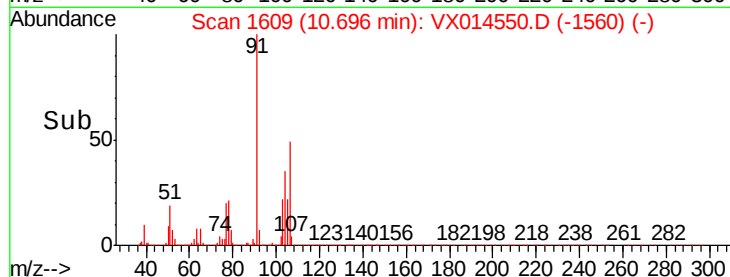
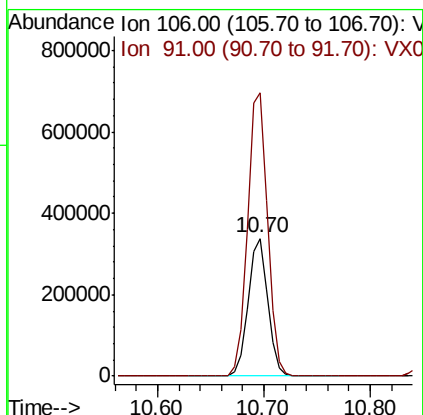
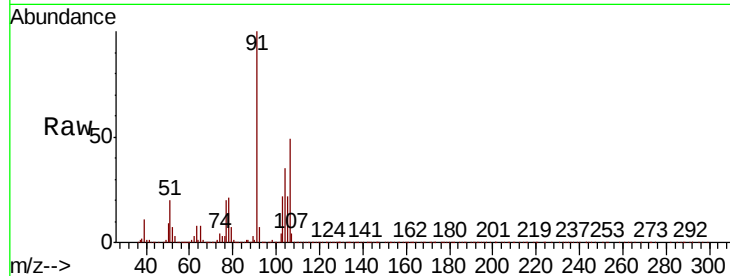




#69
o-Xylene
Concen: 51.057 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

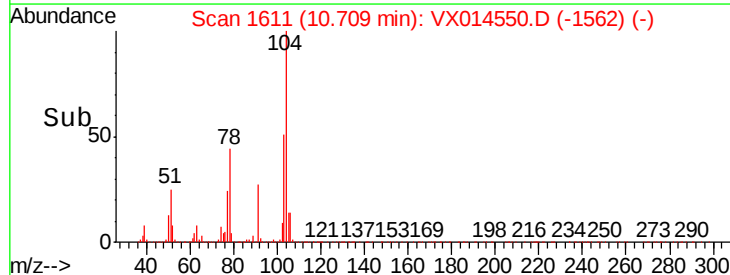
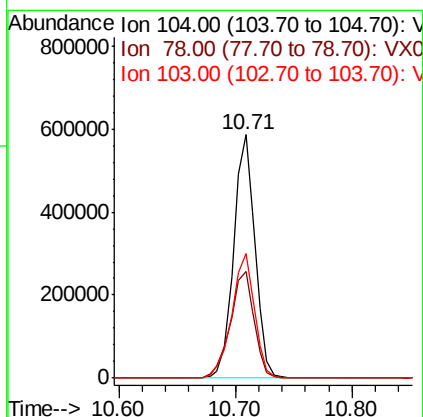
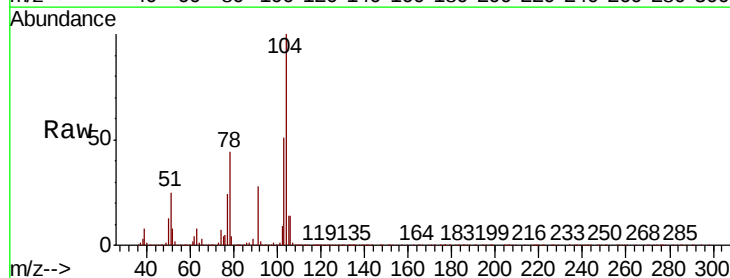
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 437024
Ion Ratio Lower Upper
106 100
91 209.7 105.1 315.1



#70
Styrene
Concen: 50.654 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

Tgt Ion:104 Resp: 748249
Ion Ratio Lower Upper
104 100
78 48.8 38.6 58.0
103 54.7 43.7 65.5

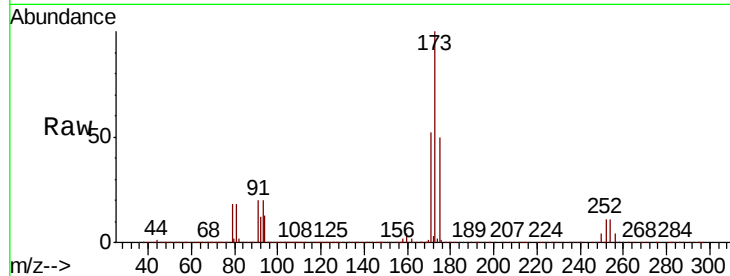




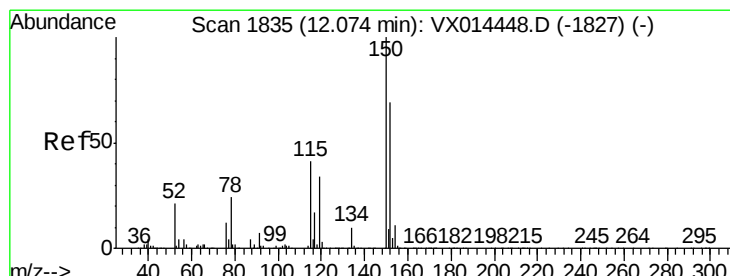
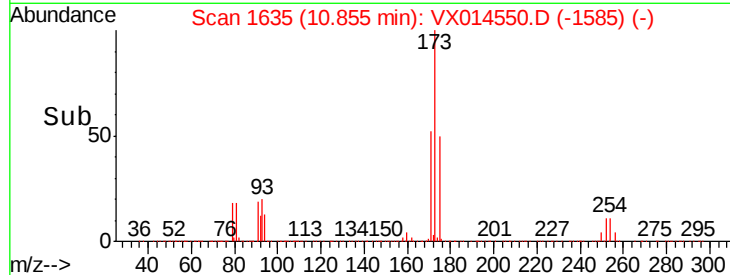
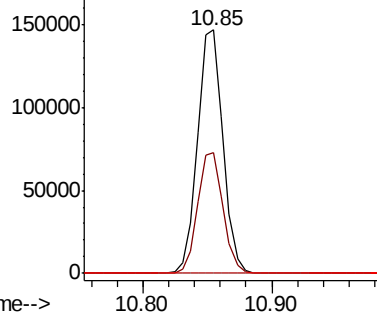
#71
Bromoform
Concen: 51.070 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:173 Resp: 203436
Ion Ratio Lower Upper
173 100
175 49.6 24.3 72.8
254 0.2 0.2 0.2

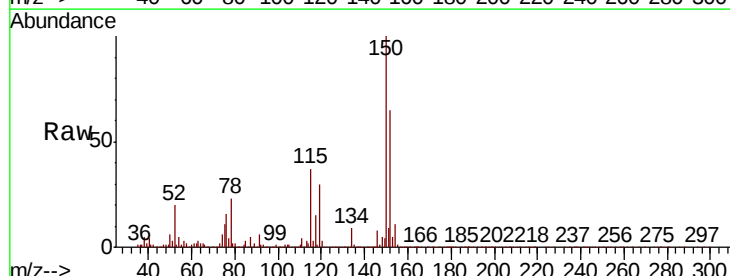


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

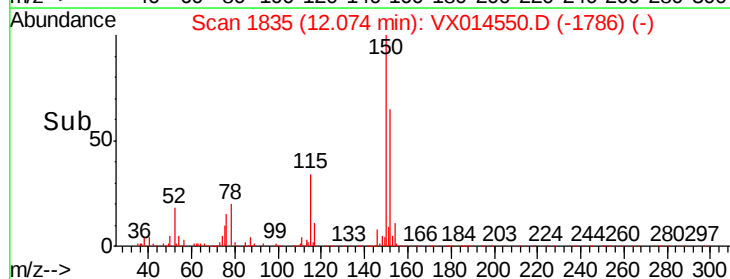
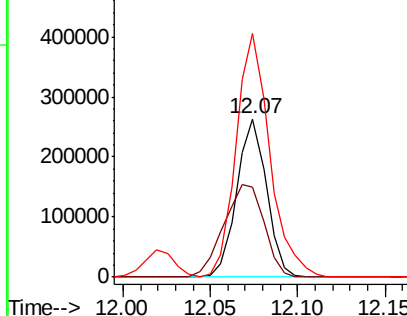


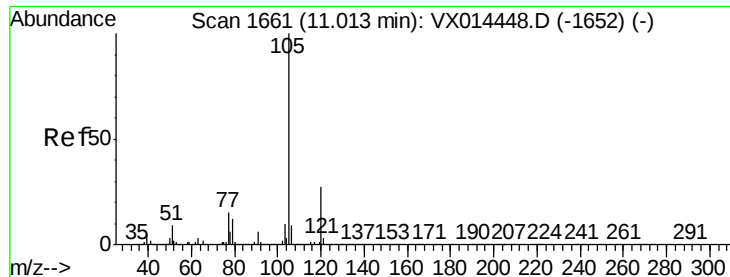
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

Tgt Ion:152 Resp: 312899
Ion Ratio Lower Upper
152 100
115 79.1 39.5 118.3
150 173.7 0.0 350.2



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: 52.019 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

Instrument :

MSVOA_X

ClientSampleId :

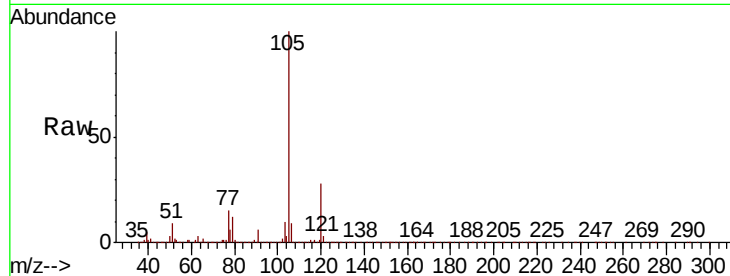
VSTDCCC050

Tot Ion:105 Resp: 1142971

Ion Ratio Lower Upper

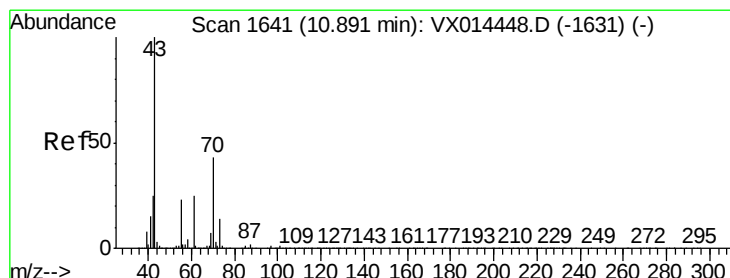
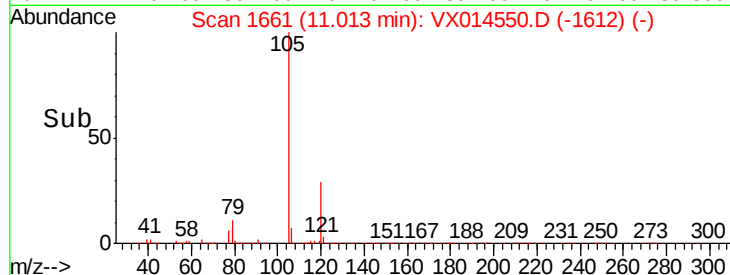
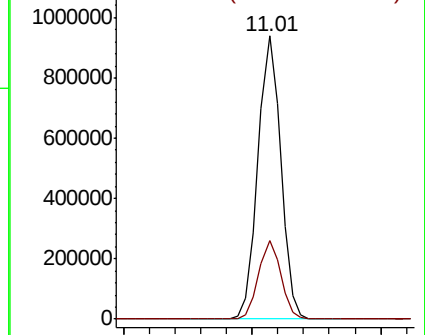
105 100

120 27.1 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.220 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

Tgt Ion: 43 Resp: 525601

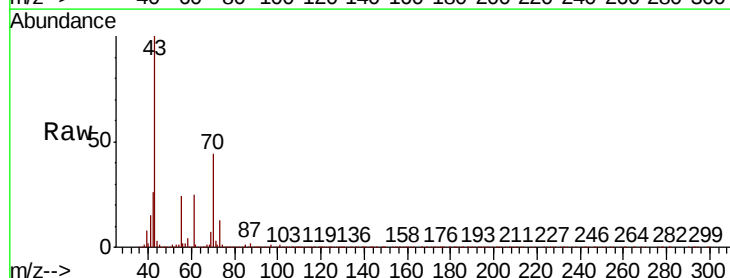
Ion Ratio Lower Upper

43 100

70 43.8 35.1 52.7

55 24.5 19.3 28.9

61 24.6 20.0 30.0

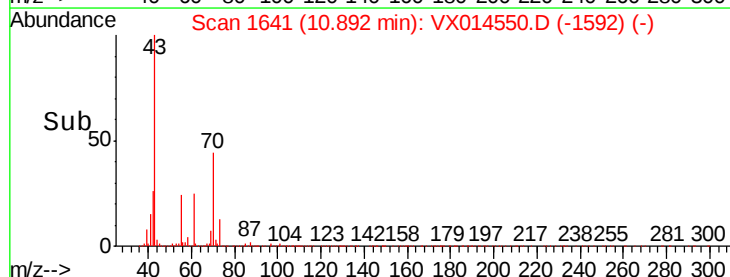
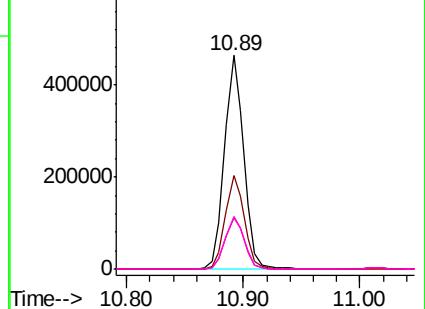


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.643 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

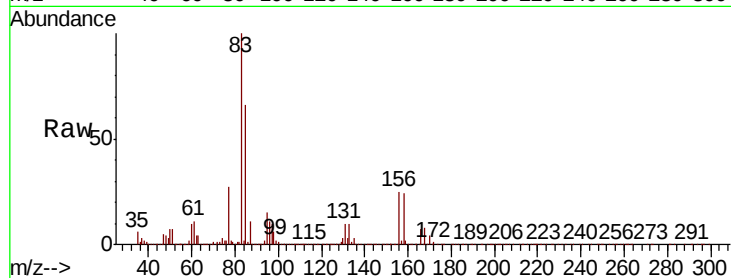
Tot Ion: 83 Resp: 356850

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.4

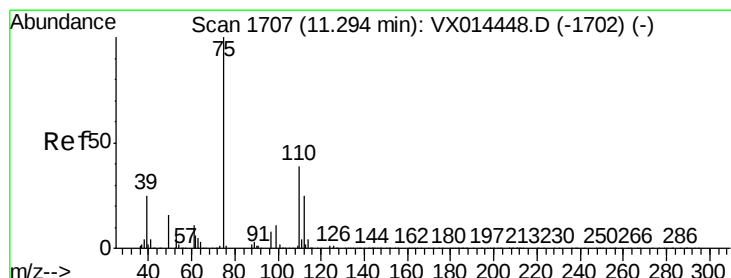
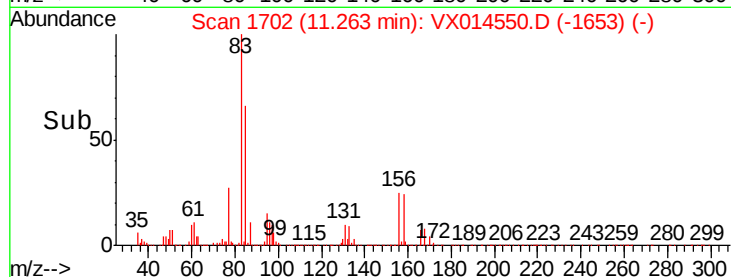
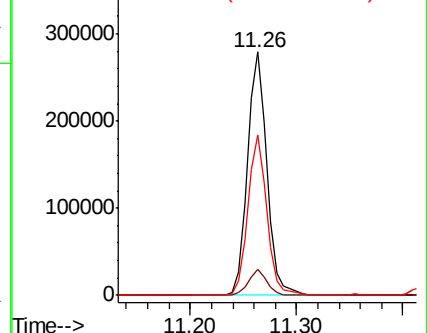
85 64.5 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 69.647 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX014550.D

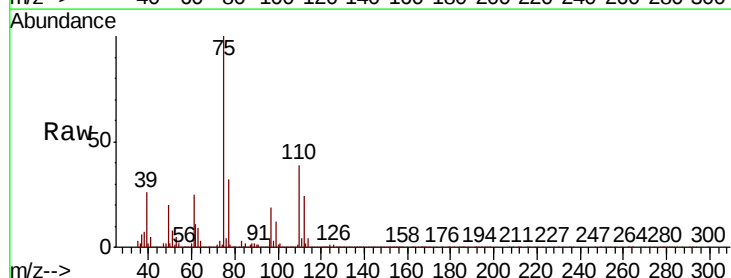
Acq: 10 Jan 2020 20:37

Tgt Ion: 75 Resp: 450891

Ion Ratio Lower Upper

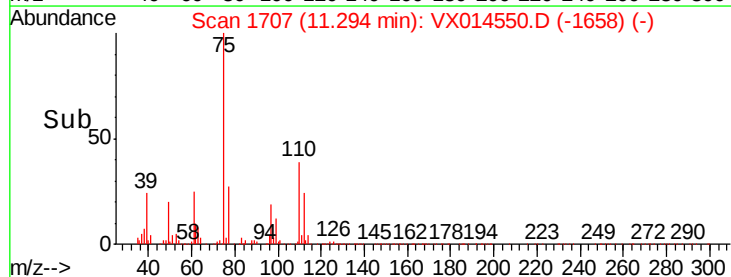
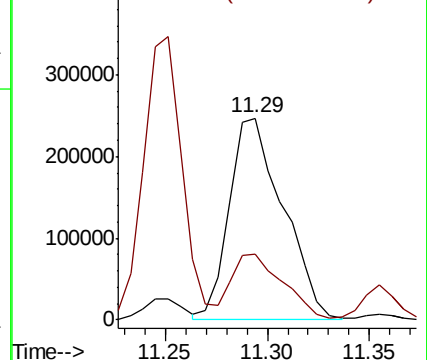
75 100

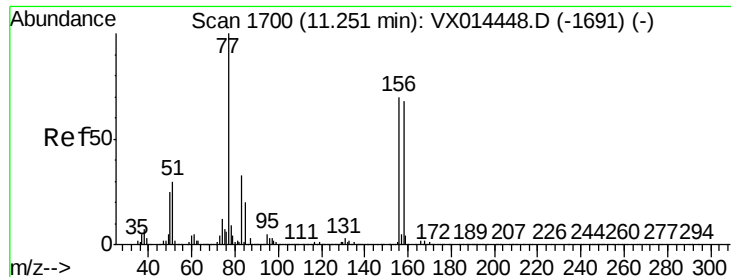
77 31.0 21.9 65.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.721 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

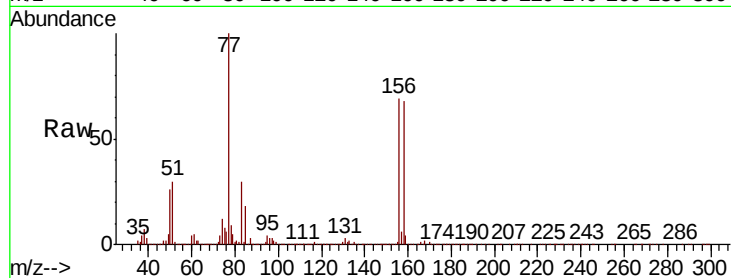
Tot Ion:156 Resp: 302969

Ion Ratio Lower Upper

156 100

77 150.5 75.4 226.3

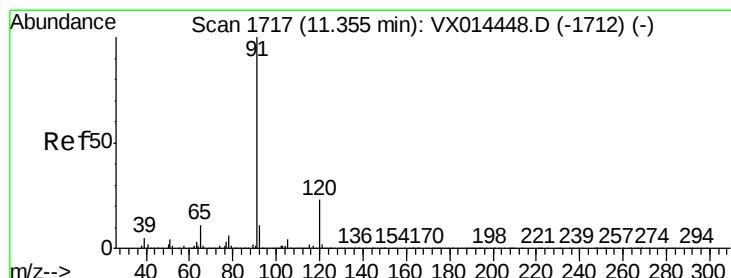
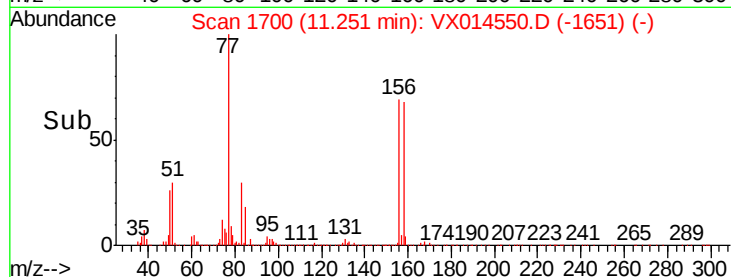
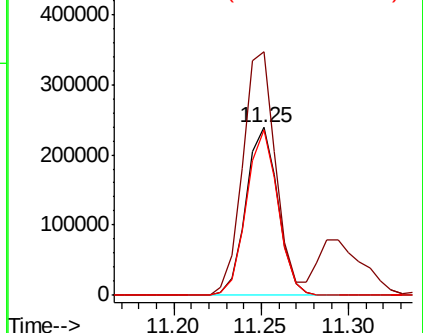
158 97.3 48.8 146.3



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: 51.570 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014550.D

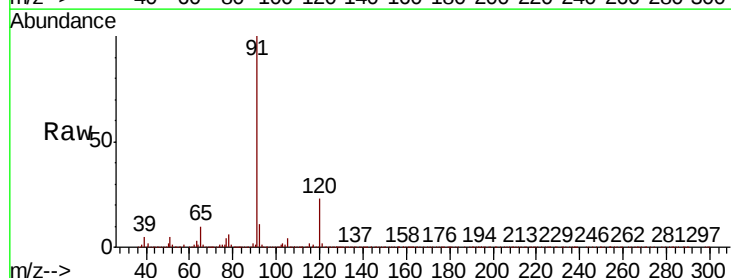
Acq: 10 Jan 2020 20:37

Tgt Ion: 91 Resp: 1297682

Ion Ratio Lower Upper

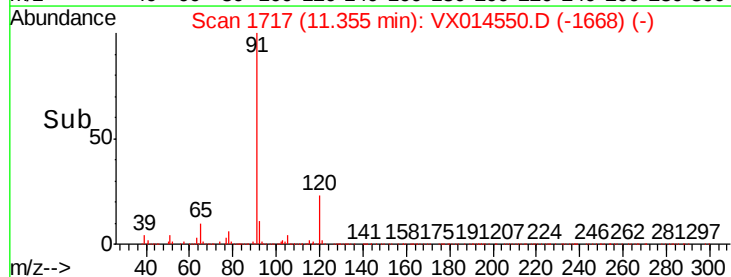
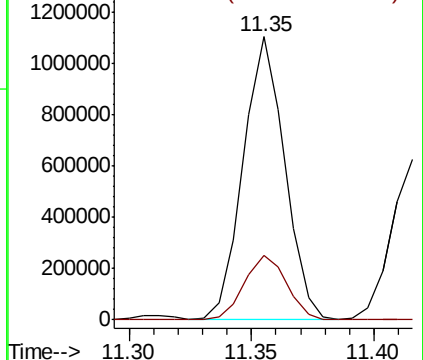
91 100

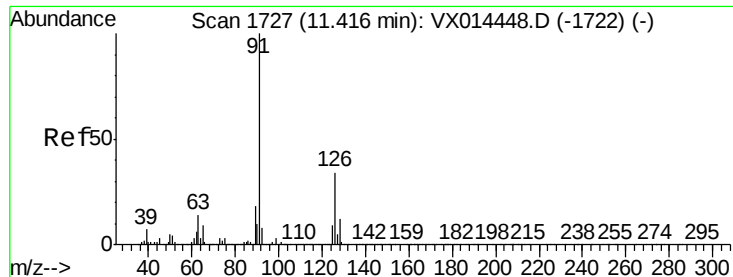
120 23.6 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

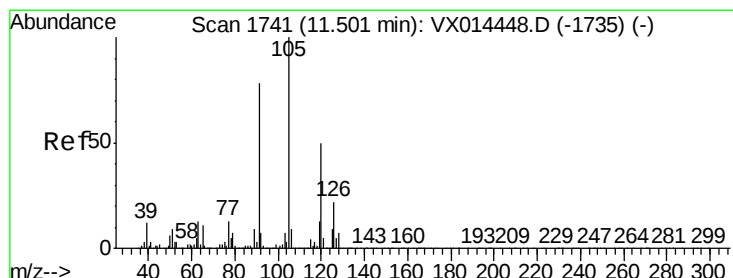
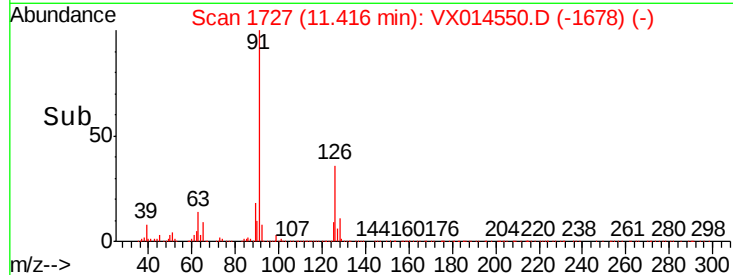
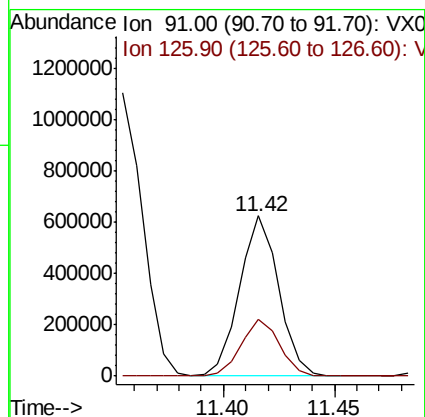
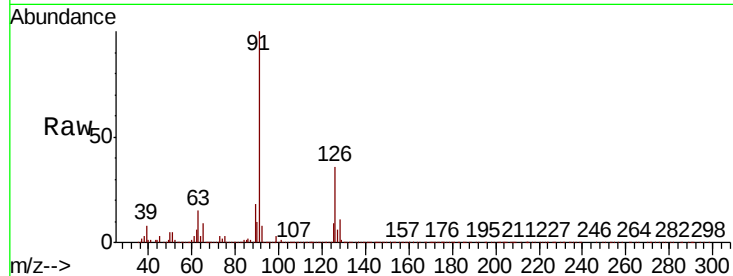




#79
 2-Chlorotoluene
 Concen: 50.894 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014550.D
 Acq: 10 Jan 2020 20:37

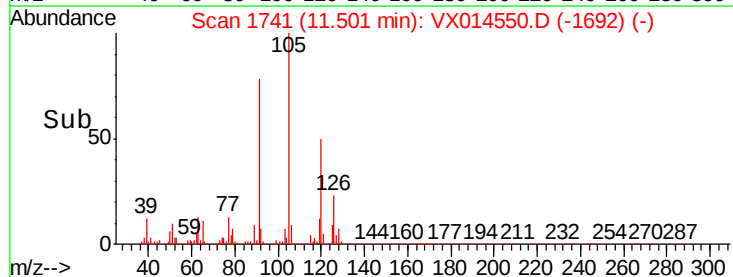
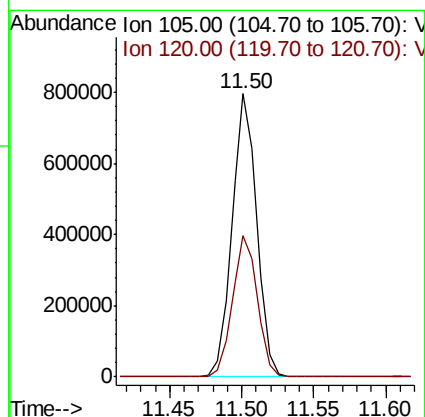
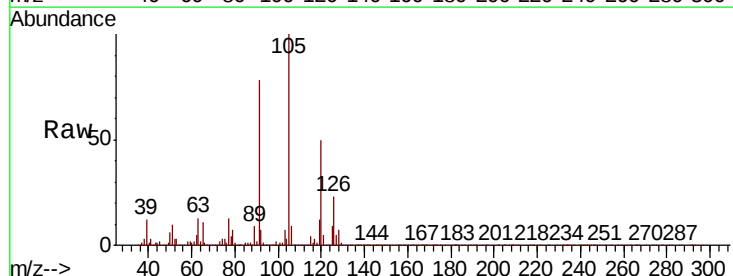
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

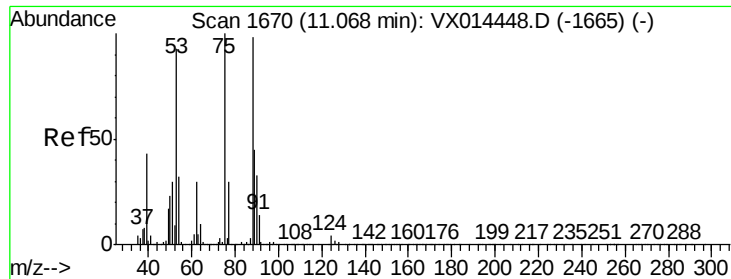
Tot Ion: 91 Resp: 763273
 Ion Ratio Lower Upper
 91 100
 126 35.3 17.5 52.5



#80
 1,3,5-Trimethylbenzene
 Concen: 52.308 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014550.D
 Acq: 10 Jan 2020 20:37

Tgt Ion: 105 Resp: 954218
 Ion Ratio Lower Upper
 105 100
 120 50.6 25.2 75.6

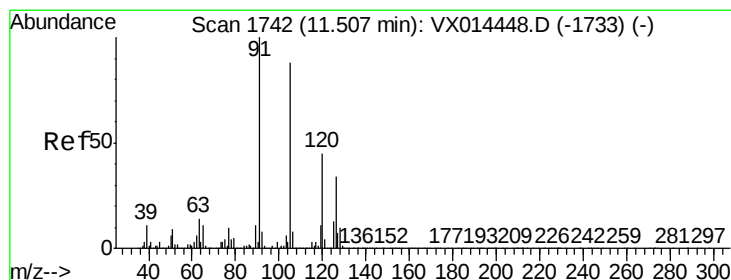
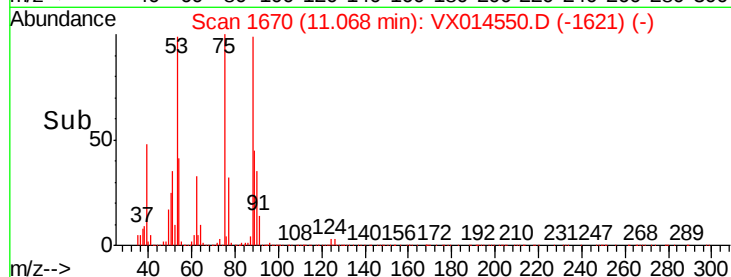
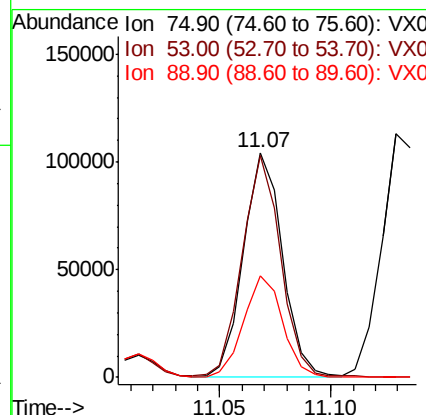
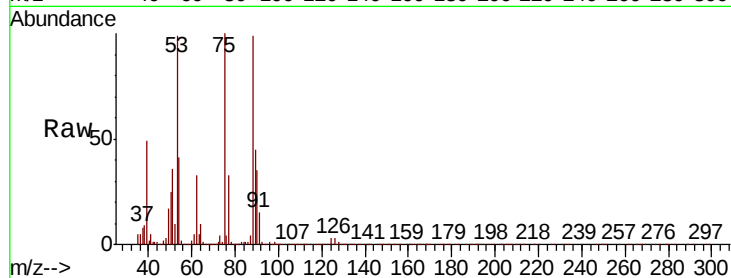




#81
trans-1,4-Dichloro-2-butene
Concen: 51.685 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

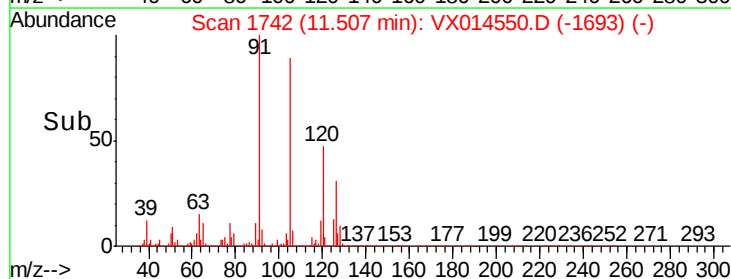
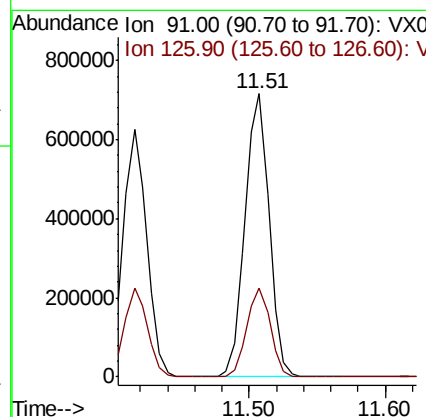
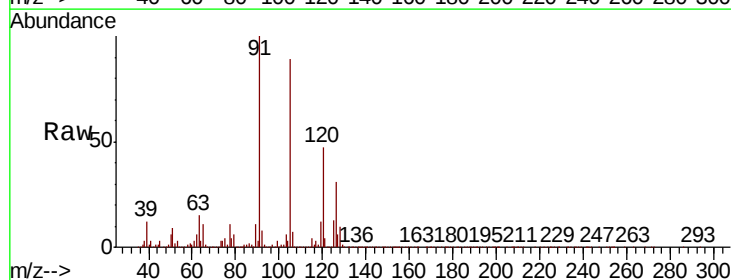
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 126562
Ion Ratio Lower Upper
75 100
53 97.4 74.8 112.2
89 46.0 36.3 54.5



#82
4-Chlorotoluene
Concen: 50.362 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

Tgt Ion: 91 Resp: 886579
Ion Ratio Lower Upper
91 100
126 31.0 15.9 47.7

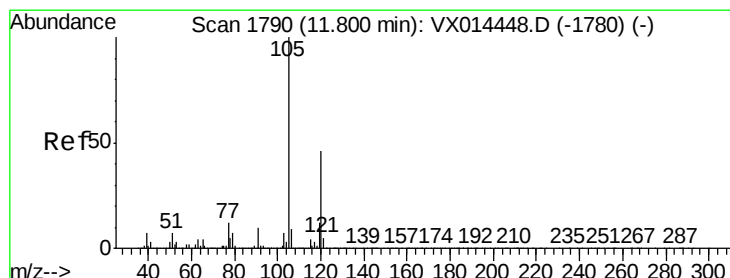
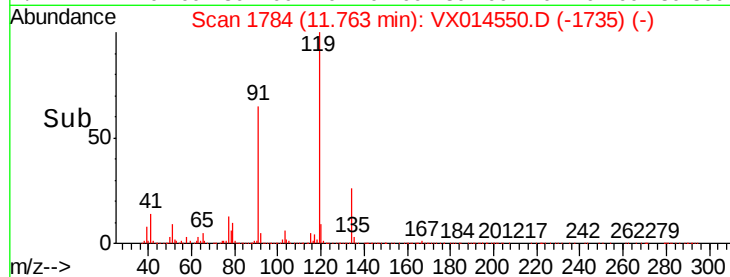
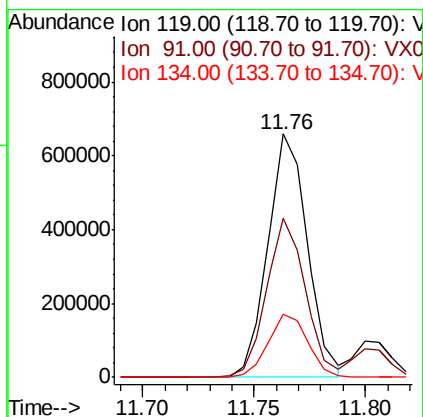
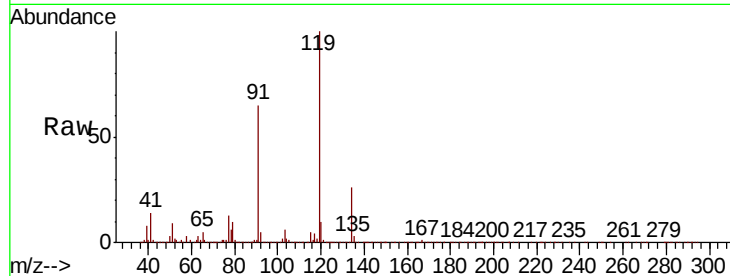




#83
tert-Butylbenzene
Concen: 47.117 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

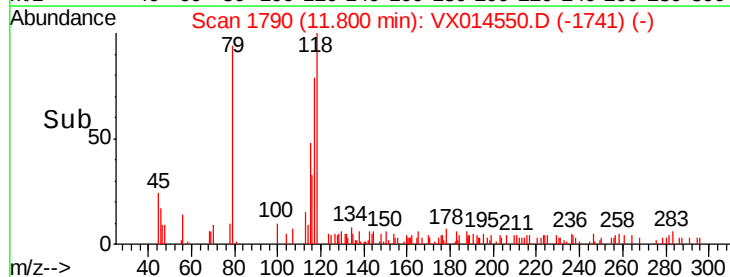
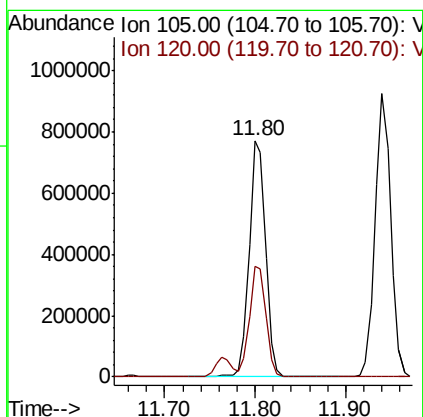
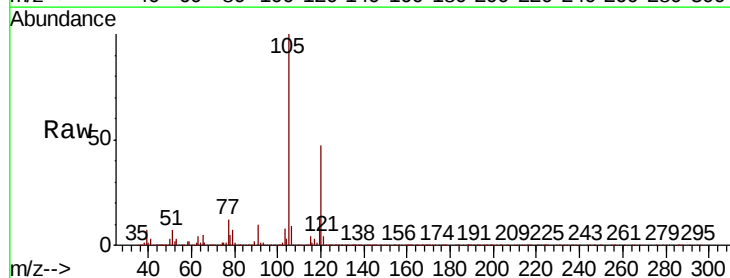
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

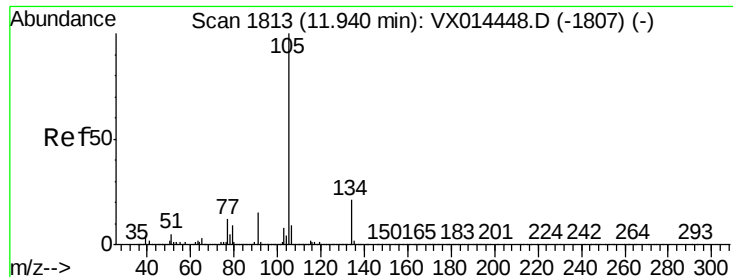
Tot Ion	Ratio	Lower	Upper
119	100		
91	64.0	29.3	88.0
134	26.2	12.4	37.4



#84
1,2,4-Trimethylbenzene
Concen: 52.299 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.6	23.1	69.3





#85

sec-Butylbenzene

Concen: 51.690 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

Instrument :

MSVOA_X

ClientSampleId :

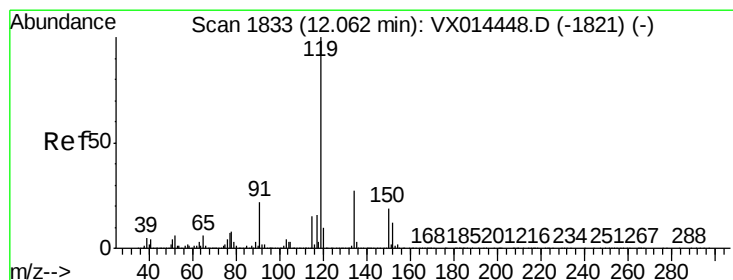
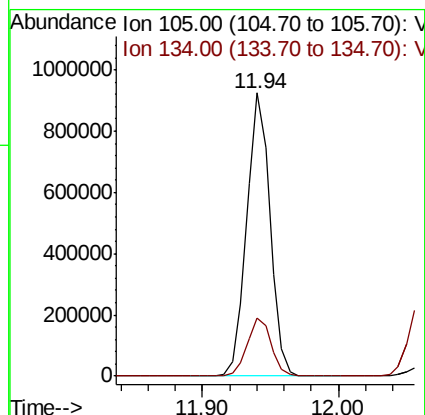
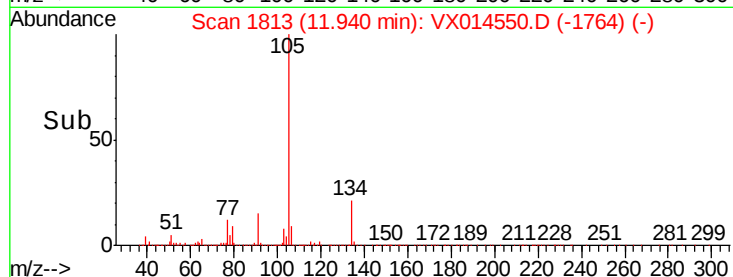
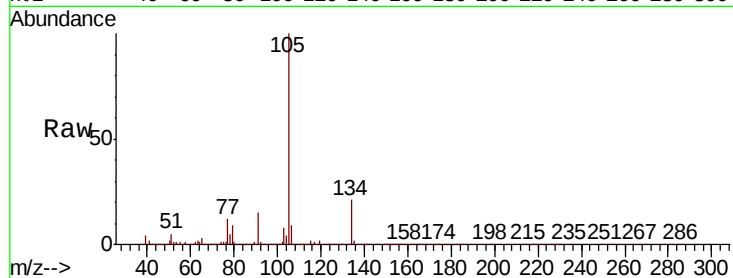
VSTDCCC050

Tot Ion:105 Resp: 1107591

Ion Ratio Lower Upper

105 100

134 21.0 10.5 31.5



#86

p-Isopropyltoluene

Concen: 50.932 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

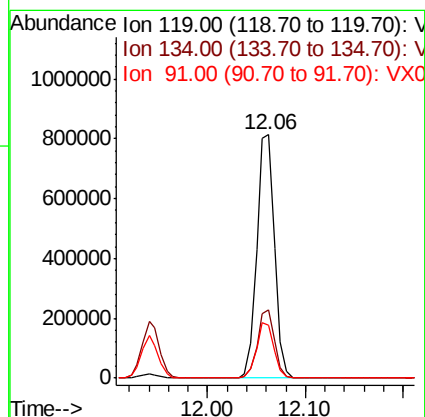
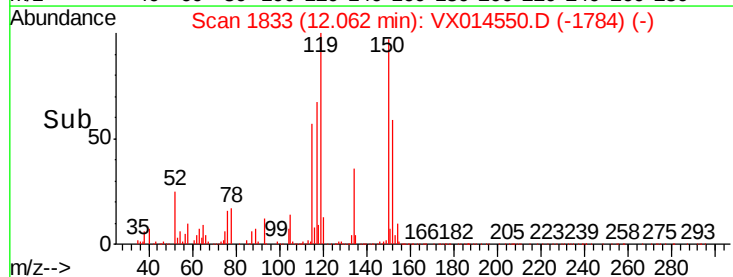
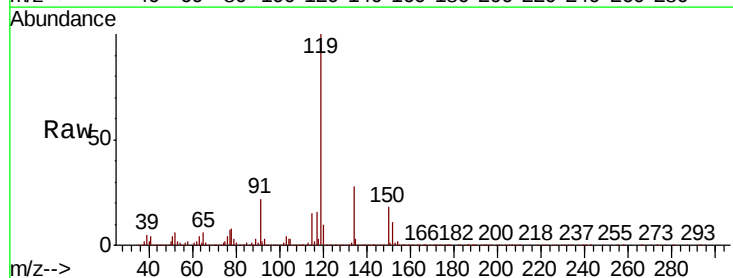
Tgt Ion:119 Resp: 1012718

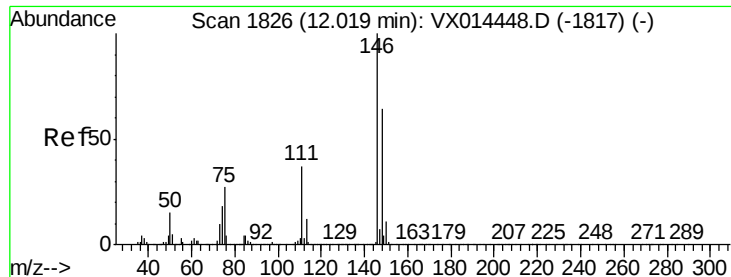
Ion Ratio Lower Upper

119 100

134 27.2 13.5 40.4

91 22.5 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 48.647 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

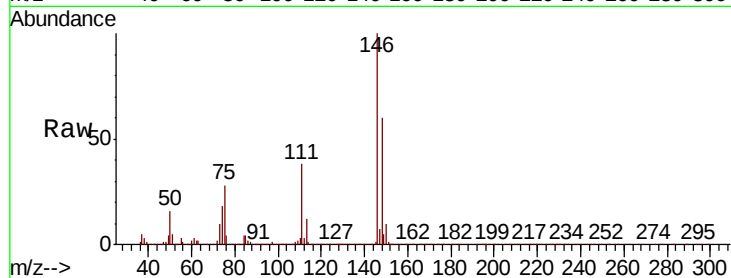
Tot Ion:146 Resp: 531980

Ion Ratio Lower Upper

146 100

111 37.4 18.9 56.7

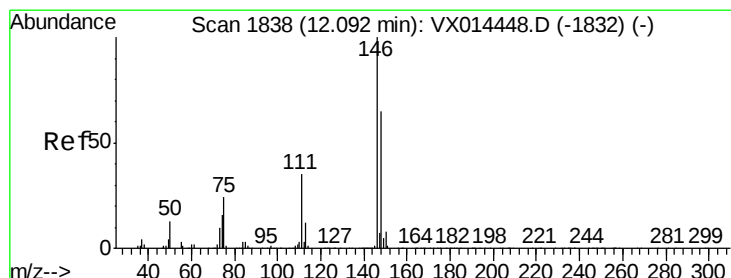
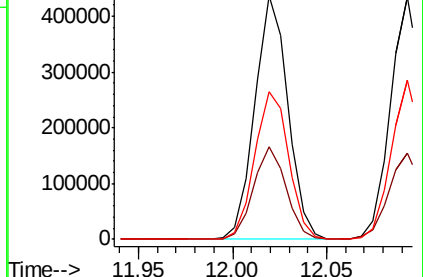
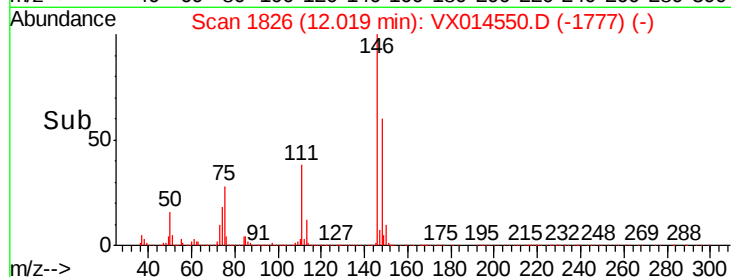
148 62.4 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 51.518 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

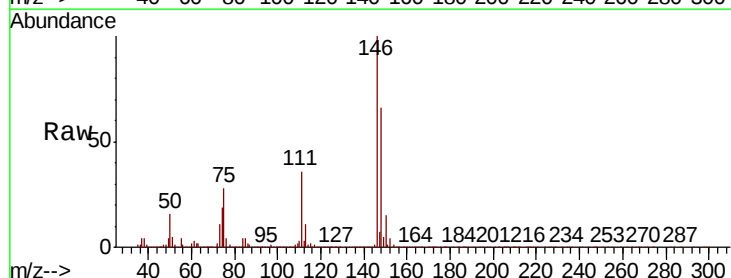
Tgt Ion:146 Resp: 529098

Ion Ratio Lower Upper

146 100

111 36.6 18.1 54.1

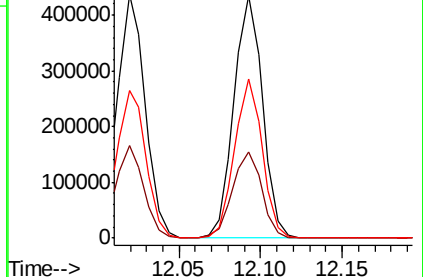
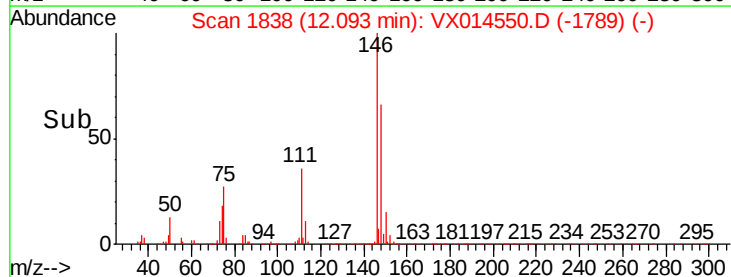
148 63.8 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

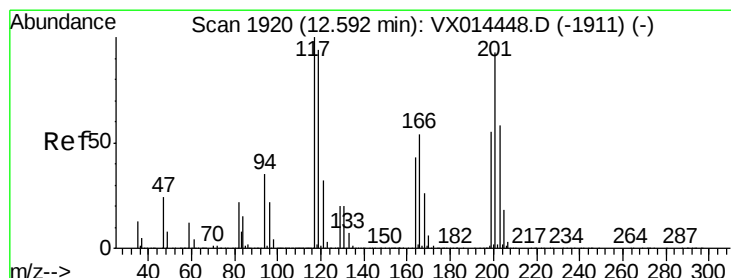
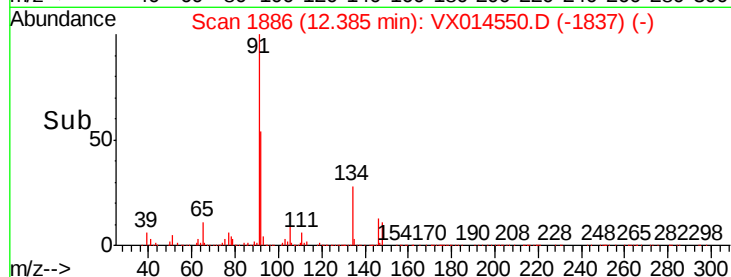
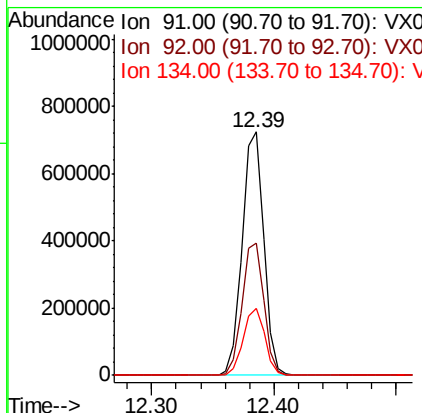
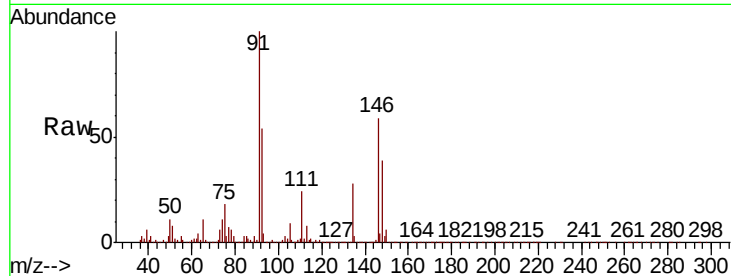




#89
n-Butylbenzene
Concen: 48.454 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

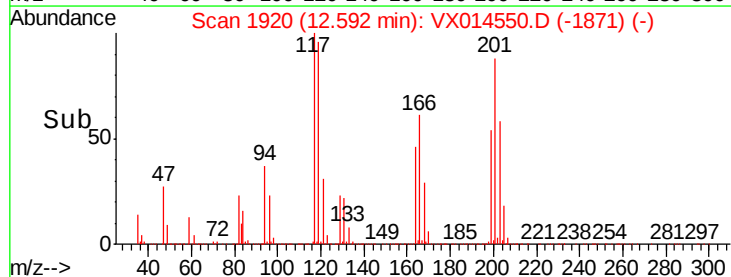
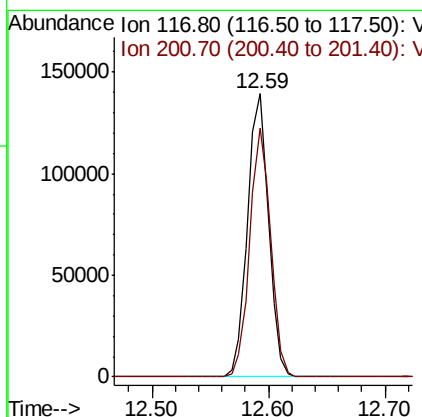
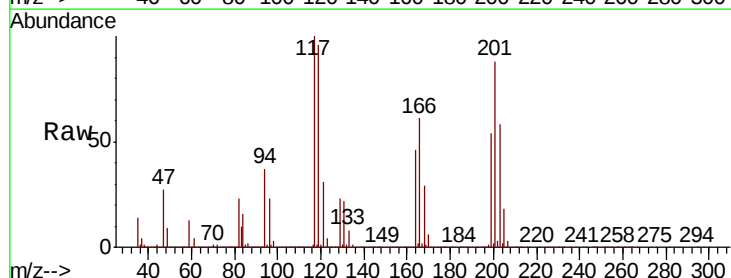
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 880904
Ion Ratio Lower Upper
91 100
92 54.6 27.4 82.2
134 27.4 13.9 41.7



#90
Hexachloroethane
Concen: 50.903 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

Tgt Ion: 117 Resp: 177786
Ion Ratio Lower Upper
117 100
201 86.8 44.8 134.3





#91

1,2-Dichlorobenzene

Concen: 49.697 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

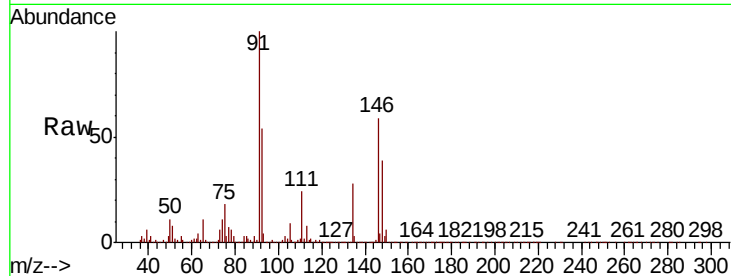
Tot Ion:146 Resp: 532459

Ion Ratio Lower Upper

146 100

111 39.9 19.8 59.4

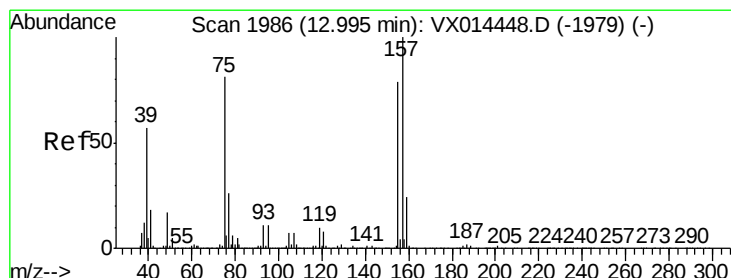
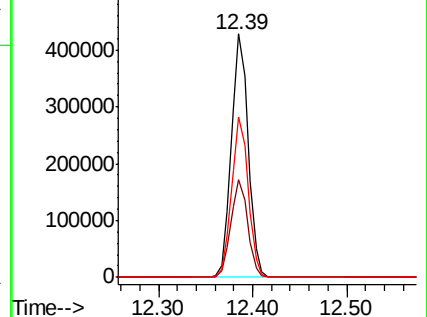
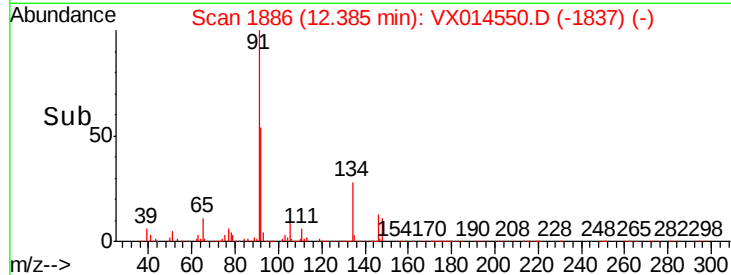
148 65.1 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.381 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

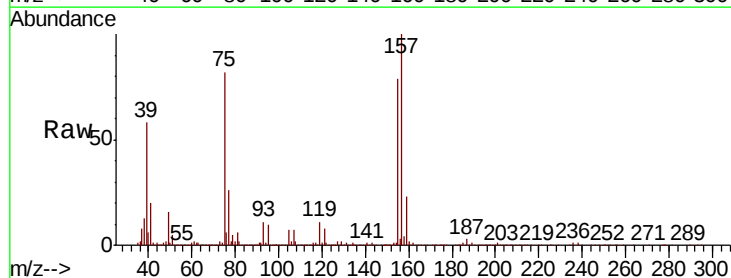
Tgt Ion: 75 Resp: 84610

Ion Ratio Lower Upper

75 100

155 95.4 48.7 146.1

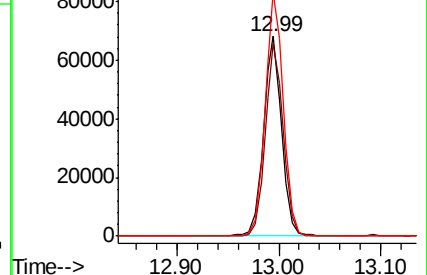
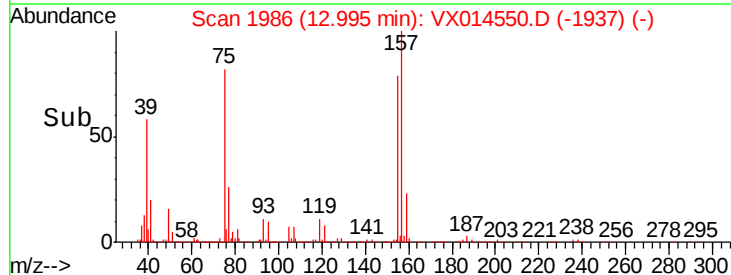
157 122.2 62.0 185.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

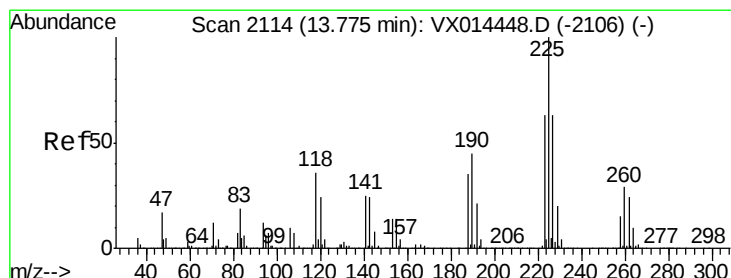
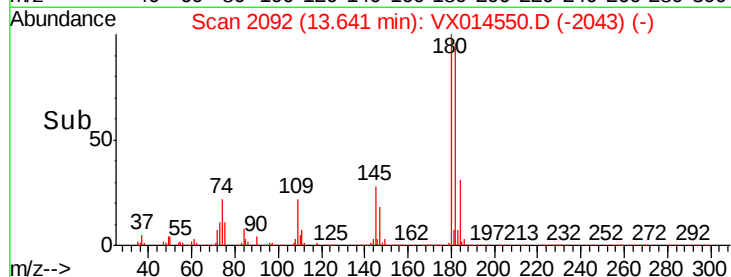
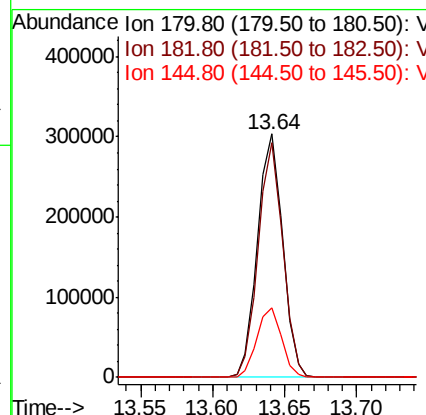
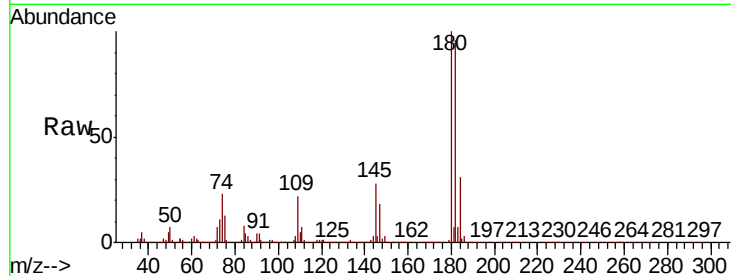




#93
 1,2,4-Trichlorobenzene
 Concen: 48.467 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014550.D
 Acq: 10 Jan 2020 20:37

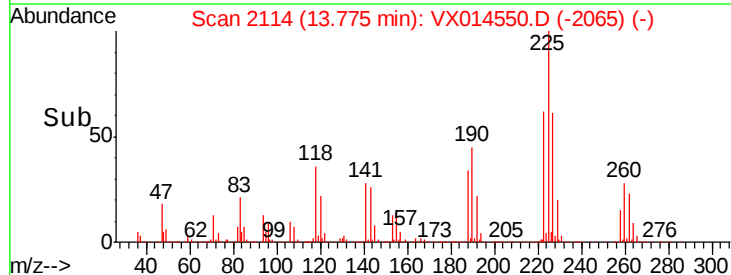
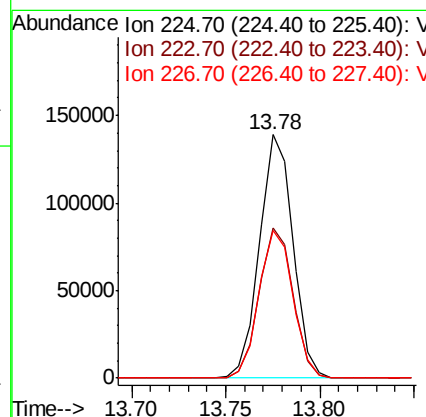
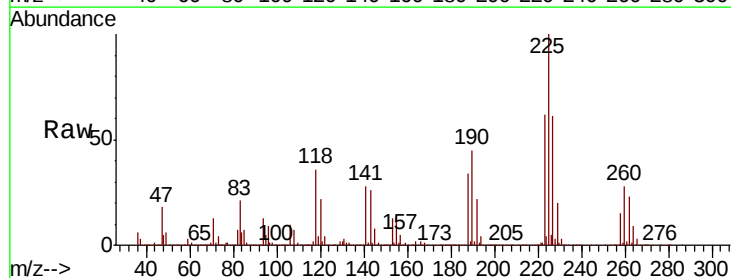
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

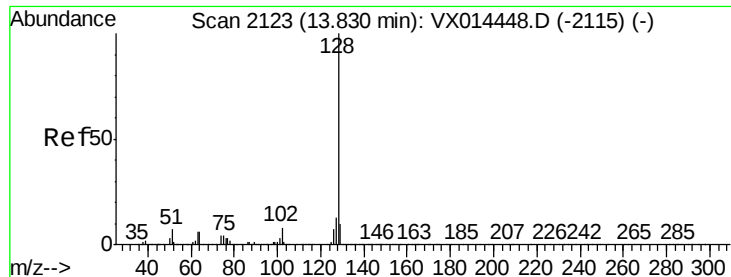
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.5	142.5
145	28.2	13.9	41.6



#94
 Hexachlorobutadiene
 Concen: 48.657 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014550.D
 Acq: 10 Jan 2020 20:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.1	93.2
227	61.9	31.4	94.2

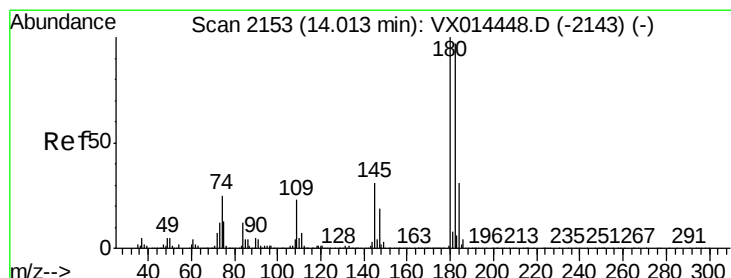
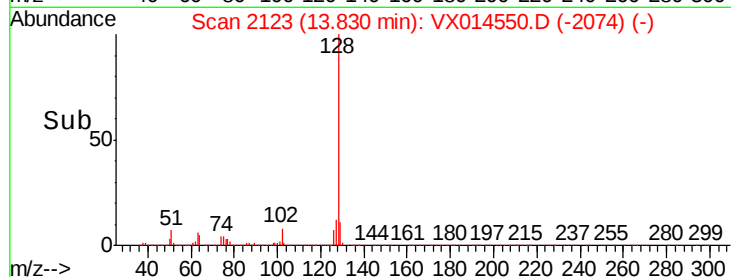
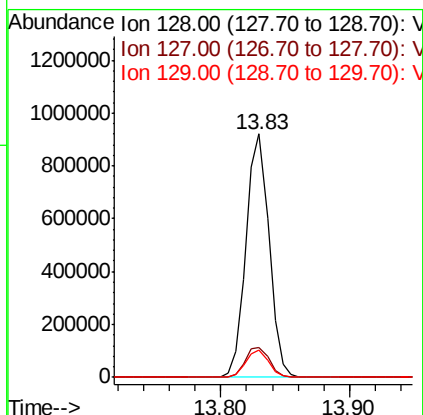
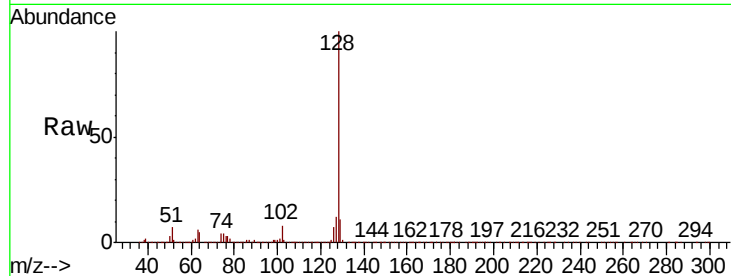




#95
Naphthalene
Concen: 48.301 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 1127327
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 49.610 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

Tgt Ion:180 Resp: 366127
Ion Ratio Lower Upper
180 100
182 97.3 47.9 143.6
145 29.8 14.8 44.3

