

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120419\
 Data File : VX013744.D
 Acq On : 04 Dec 2019 11:49
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 05 00:53:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	717548	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1050839	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	936384	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	479039	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	376846	45.24	ug/l	0.00
Spiked Amount			Recovery	=	90.48%	
35) Dibromofluoromethane	5.48	113	317162	48.82	ug/l	0.00
Spiked Amount			Recovery	=	97.64%	
50) Toluene-d8	8.71	98	1201549	47.47	ug/l	0.00
Spiked Amount			Recovery	=	94.94%	
62) 4-Bromofluorobenzene	11.13	95	442216	48.45	ug/l	0.00
Spiked Amount			Recovery	=	96.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	404140	50.601	ug/l	99
3) Chloromethane	1.32	50	405337	45.230	ug/l	99
4) Vinyl Chloride	1.40	62	495492	49.124	ug/l	98
5) Bromomethane	1.63	94	298949	44.133	ug/l	99
6) Chloroethane	1.71	64	263907	45.979	ug/l	96
7) Trichlorofluoromethane	1.92	101	552936	49.369	ug/l	100
8) Diethyl Ether	2.18	74	245190	48.389	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	344044	50.290	ug/l	99
10) Methyl Iodide	2.50	142	347115	41.945	ug/l	99
11) Tert butyl alcohol	3.03	59	426794	207.595	ug/l	99
12) 1,1-Dichloroethene	2.36	96	332830	48.740	ug/l	97
13) Acrolein	2.28	56	333732	242.902	ug/l	100
14) Allyl chloride	2.72	41	599877	48.407	ug/l	98
15) Acrylonitrile	3.13	53	989416	233.148	ug/l	99
16) Acetone	2.43	43	1077400	262.002	ug/l	99
17) Carbon Disulfide	2.56	76	919950	47.258	ug/l	100
18) Methyl Acetate	2.76	43	568266	49.627	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	1122546	49.622	ug/l	100
20) Methylene Chloride	2.84	84	371067	46.969	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	356948	47.983	ug/l	98
22) Diisopropyl ether	3.84	45	1172600	49.141	ug/l	93
23) Vinyl Acetate	3.80	43	4879172	245.794	ug/l	99
24) 1,1-Dichloroethane	3.68	63	645027	49.448	ug/l	99
25) 2-Butanone	4.65	43	1495058	244.631	ug/l	99
26) 2,2-Dichloropropane	4.57	77	554442	51.372	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	406738	47.610	ug/l	99
28) Bromochloromethane	5.00	49	247784	48.067	ug/l	99
29) Tetrahydrofuran	5.11	42	894128	237.324	ug/l	100
30) Chloroform	5.20	83	627501	47.433	ug/l	99
31) Cyclohexane	5.56	56	593154	48.210	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	556325	50.323	ug/l	99
36) 1,1-Dichloropropene	5.79	75	488370	51.197	ug/l	99
37) Ethyl Acetate	4.81	43	541943	50.643	ug/l	100
38) Carbon Tetrachloride	5.77	117	479451	54.509	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	621078	52.674	ug/l	99
40) Benzene	6.13	78	1445271	49.747	ug/l	100
41) Methacrylonitrile	5.03	41	302708	51.579	ug/l	98
42) 1,2-Dichloroethane	6.18	62	504907	50.959	ug/l	99
43) Isopropyl Acetate	6.43	43	898538	51.002	ug/l	99
44) Trichloroethene	7.20	130	401608	50.369	ug/l	99
45) 1,2-Dichloropropane	7.50	63	374475	51.518	ug/l	100
46) Dibromomethane	7.65	93	248174	50.270	ug/l	99
47) Bromodichloromethane	7.89	83	505184	54.129	ug/l	98
48) Methyl methacrylate	7.76	41	448418	52.385	ug/l	99
49) 1,4-Dioxane	7.73	88	165914	865.911	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	2777449	250.628	ug/l	100
52) Toluene	8.78	92	931937	51.635	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	570882	53.740	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	626000	53.938	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	376744	51.799	ug/l	98
56) Ethyl methacrylate	9.17	69	615785	52.660	ug/l	99
57) 1,3-Dichloropropane	9.36	76	635465	50.688	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	1335133	291.212	ug/l	99
59) 2-Hexanone	9.48	43	2167313	250.757	ug/l	100
60) Dibromochloromethane	9.57	129	414127	54.865	ug/l	100
61) 1,2-Dibromoethane	9.67	107	398588	51.311	ug/l	99
64) Tetrachloroethene	9.33	164	362360	51.892	ug/l	98
65) Chlorobenzene	10.14	112	1002448	51.563	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	377544	54.080	ug/l	99
67) Ethyl Benzene	10.25	91	1774741	53.124	ug/l	99
68) m/p-Xylenes	10.35	106	1365050	106.725	ug/l	99
69) o-Xylene	10.70	106	660967	52.986	ug/l	99
70) Styrene	10.71	104	1134357	54.058	ug/l	99
71) Bromoform	10.85	173	329936	57.118	ug/l #	100
73) Isopropylbenzene	11.01	105	1756976	52.287	ug/l	100
74) N-amyl acetate	10.89	43	809205	52.570	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	591858	50.789	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	687723	63.829	ug/l	87
77) Bromobenzene	11.25	156	466134	51.348	ug/l	98
78) n-propylbenzene	11.35	91	2000593	53.333	ug/l	99
79) 2-Chlorotoluene	11.42	91	1164934	51.771	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1485835	53.951	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	207818	52.769	ug/l	97
82) 4-Chlorotoluene	11.51	91	1354662	51.978	ug/l	100
83) tert-Butylbenzene	11.76	119	1511212	53.993	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1494923	53.484	ug/l	100
85) sec-Butylbenzene	11.94	105	1737207	54.339	ug/l	100
86) p-Isopropyltoluene	12.06	119	1613494	54.251	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	825187	52.147	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	817474	50.718	ug/l	99
89) n-Butylbenzene	12.39	91	1407894	55.502	ug/l	100
90) Hexachloroethane	12.59	117	297360	55.314	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	807982	51.678	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	131608	51.862	ug/l	97

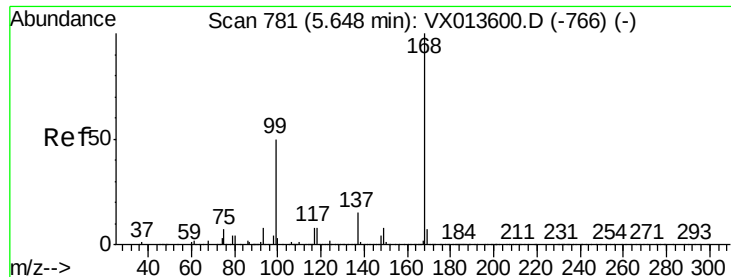
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	589814	54.129	ug/l	99
94) Hexachlorobutadiene	13.78	225	288620	55.139	ug/l	99
95) Naphthalene	13.83	128	1762907	54.327	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	575453	53.338	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX013744.D

Acq: 04 Dec 2019 11:49

Instrument :

MSVOA_X

ClientSampleId :

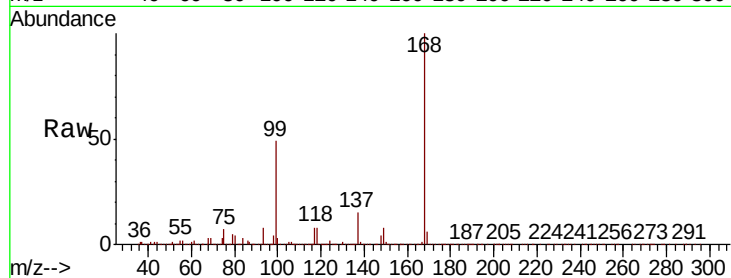
VSTDCCC050

Tot Ion:168 Resp: 717548

Ion Ratio Lower Upper

168 100

99 48.3 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

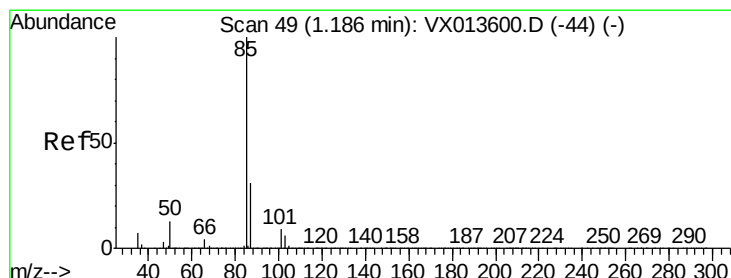
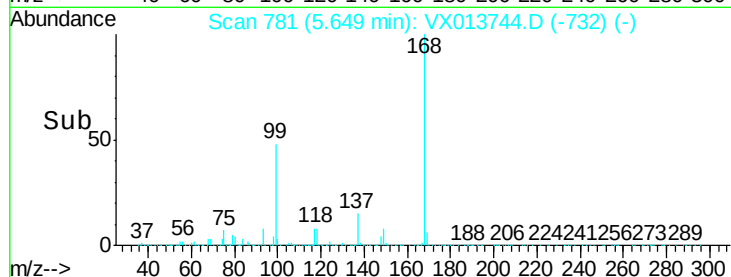
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 50.601 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013744.D

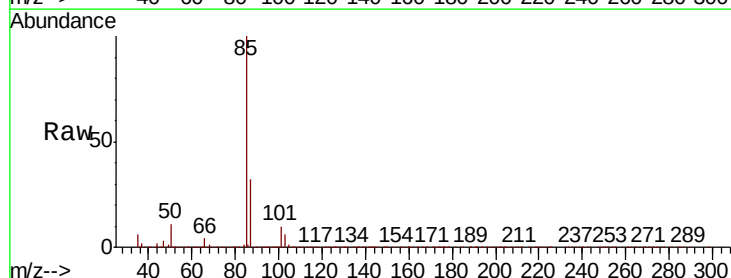
Acq: 04 Dec 2019 11:49

Tgt Ion: 85 Resp: 404140

Ion Ratio Lower Upper

85 100

87 32.2 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

400000

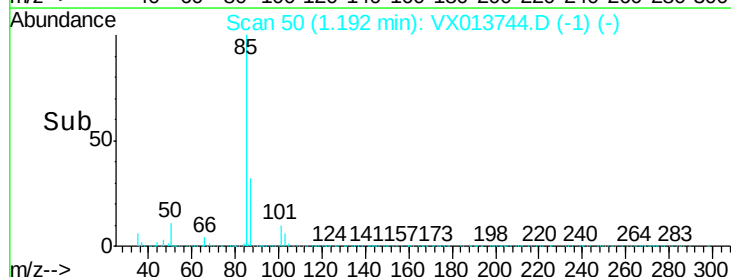
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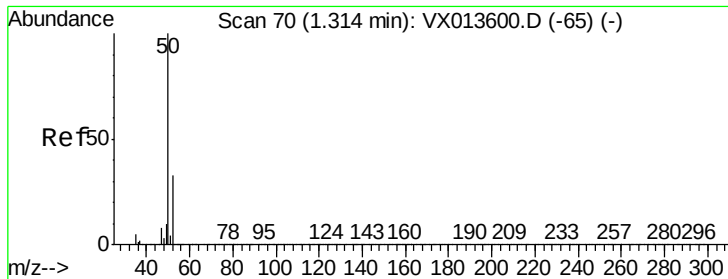
200000

100000

0

Time-->





#3

Chloromethane

Concen: 45.230 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013744.D

Acq: 04 Dec 2019 11:49

Instrument :

MSVOA_X

ClientSampleId :

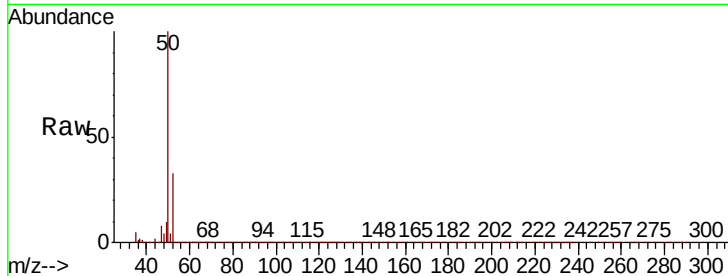
VSTDCCC050

Tot Ion: 50 Resp: 405337

Ion Ratio Lower Upper

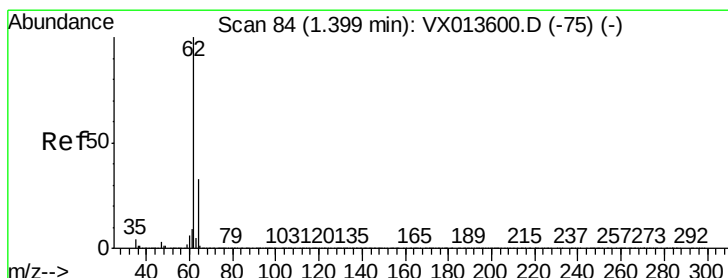
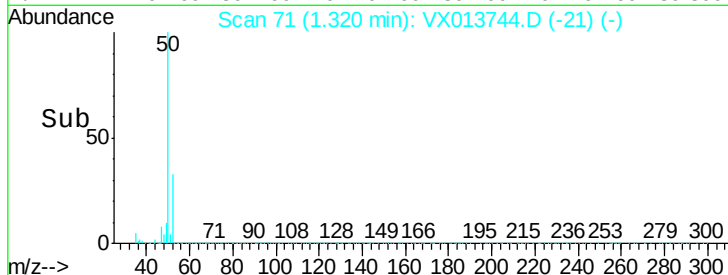
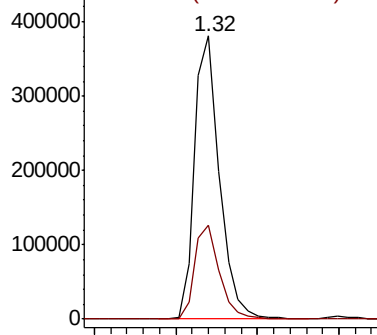
50 100

52 33.0 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 49.124 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013744.D

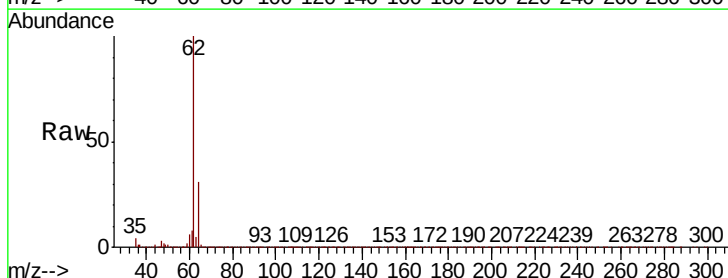
Acq: 04 Dec 2019 11:49

Tgt Ion: 62 Resp: 495492

Ion Ratio Lower Upper

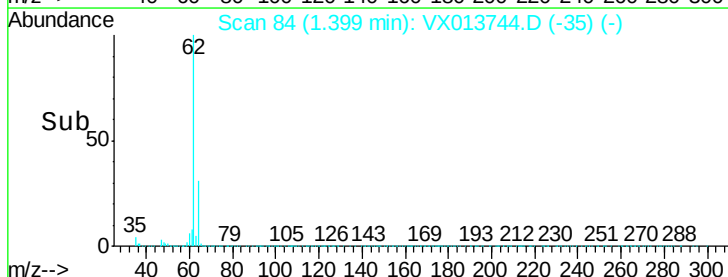
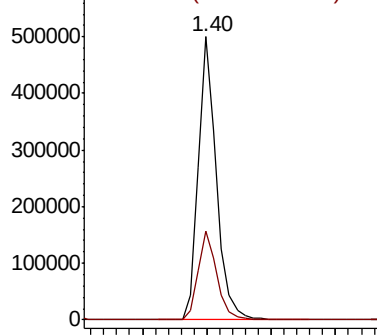
62 100

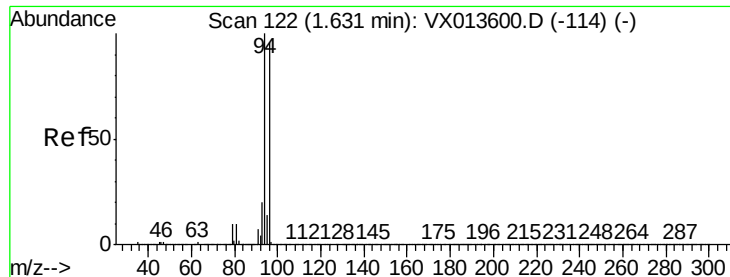
64 31.1 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 44.133 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013744.D

Acq: 04 Dec 2019 11:49

Instrument :

MSVOA_X

ClientSampleId :

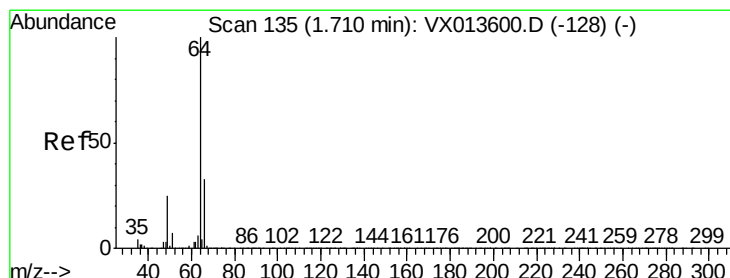
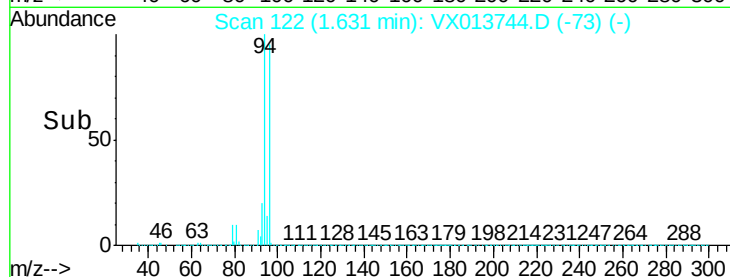
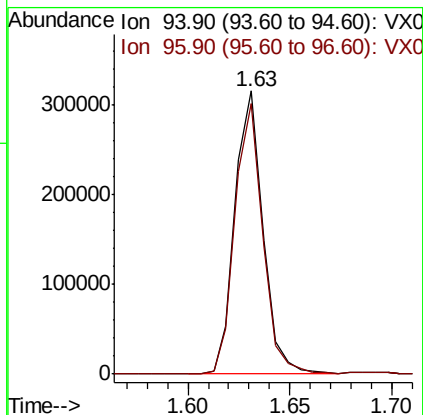
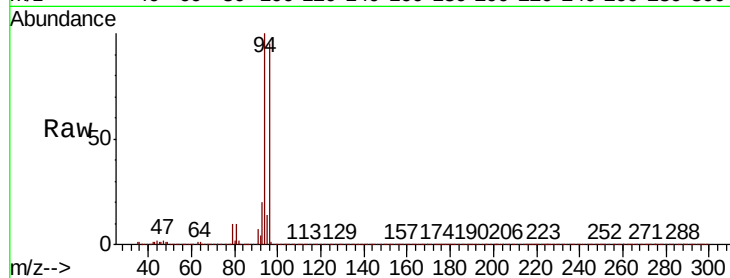
VSTDCCC050

Tot Ion: 94 Resp: 298949

Ion Ratio Lower Upper

94 100

96 95.4 77.0 115.4



#6

Chloroethane

Concen: 45.979 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX013744.D

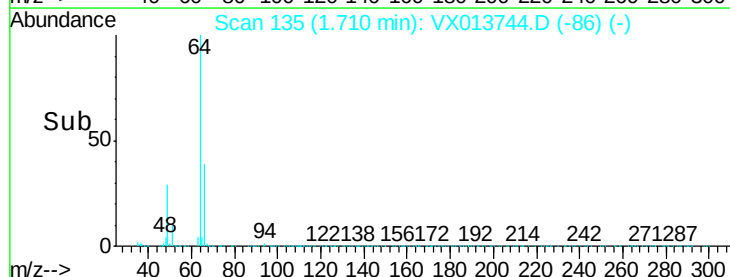
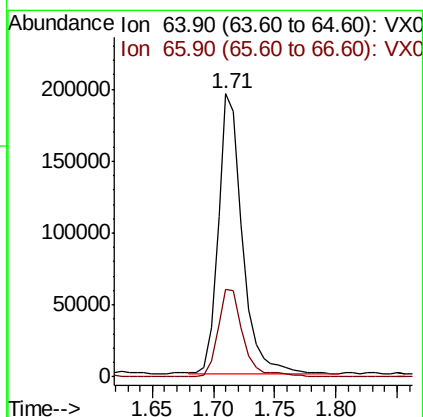
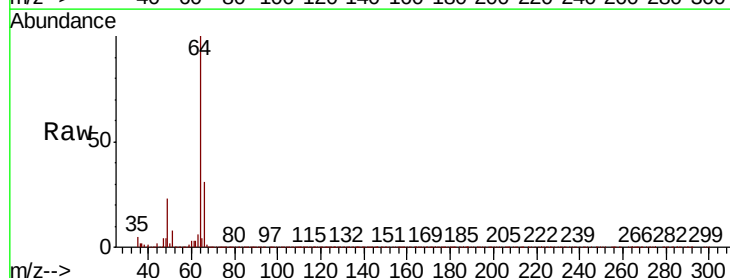
Acq: 04 Dec 2019 11:49

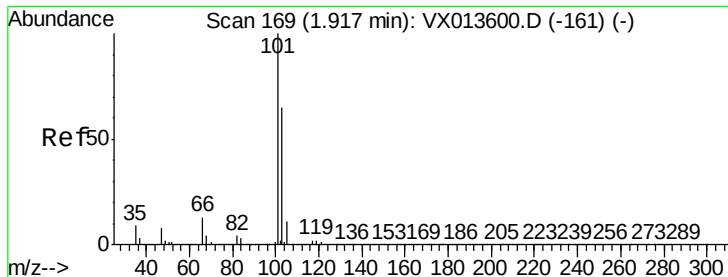
Tgt Ion: 64 Resp: 263907

Ion Ratio Lower Upper

64 100

66 31.1 26.7 40.1



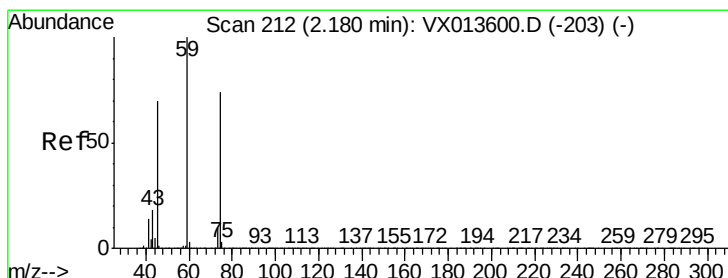
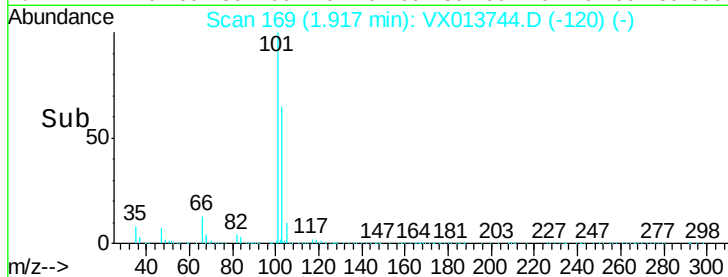
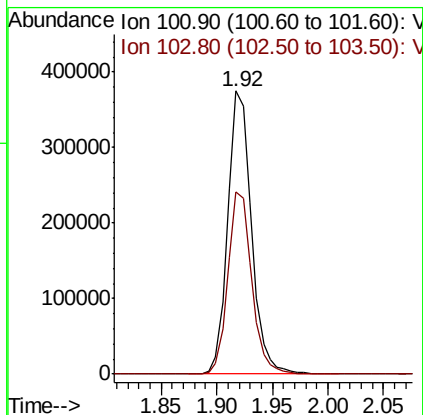
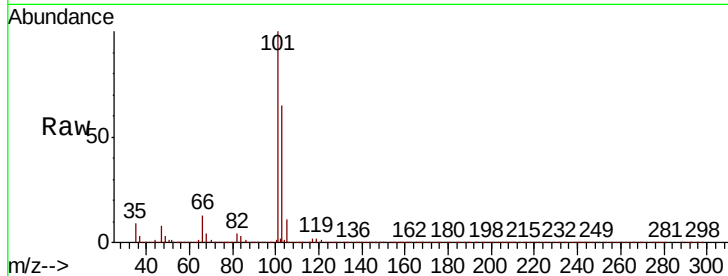


#7

Trichlorofluoromethane
Concen: 49.369 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013744.D
Acq: 04 Dec 2019 11:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

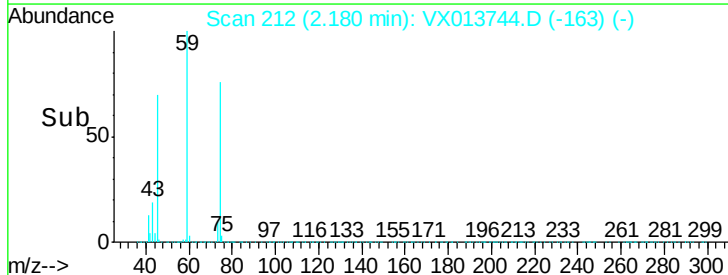
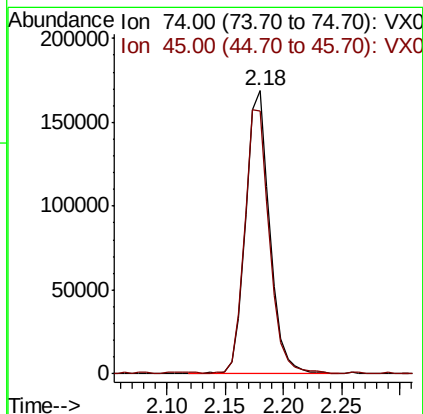
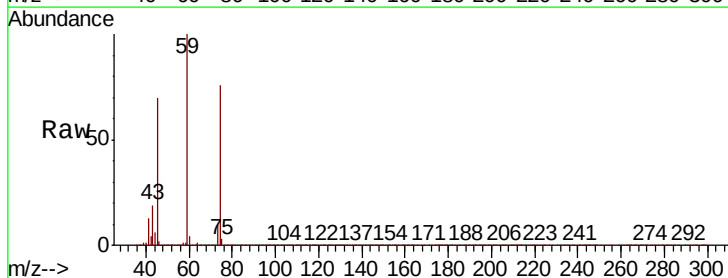
Tot Ion:101 Resp: 552936
Ion Ratio Lower Upper
101 100
103 64.6 51.8 77.6

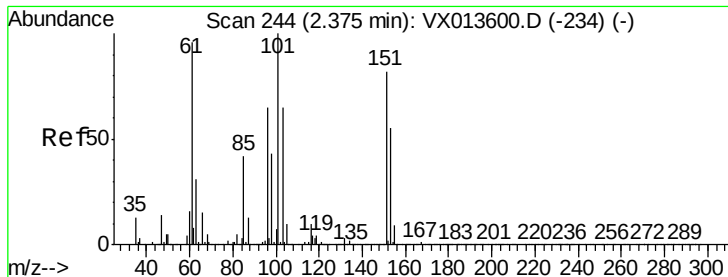


#8

Diethyl Ether
Concen: 48.389 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX013744.D
Acq: 04 Dec 2019 11:49

Tgt Ion: 74 Resp: 245190
Ion Ratio Lower Upper
74 100
45 94.7 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.290 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013744.D

Acq: 04 Dec 2019 11:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

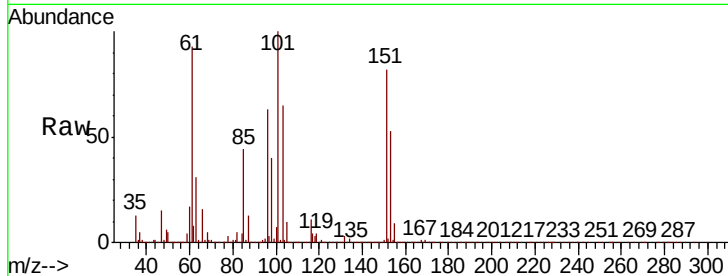
Tot Ion:101 Resp: 344044

Ion Ratio Lower Upper

101 100

85 42.5 33.9 50.9

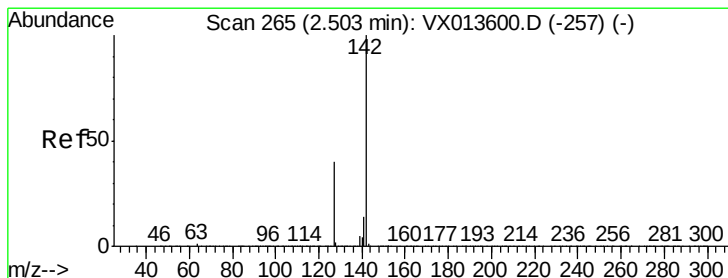
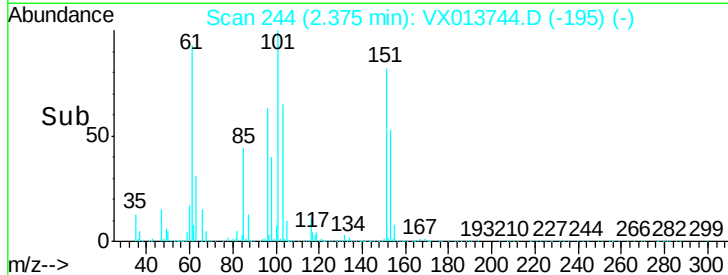
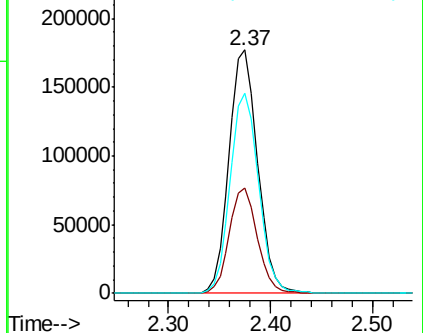
151 82.0 64.2 96.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 41.945 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX013744.D

Acq: 04 Dec 2019 11:49

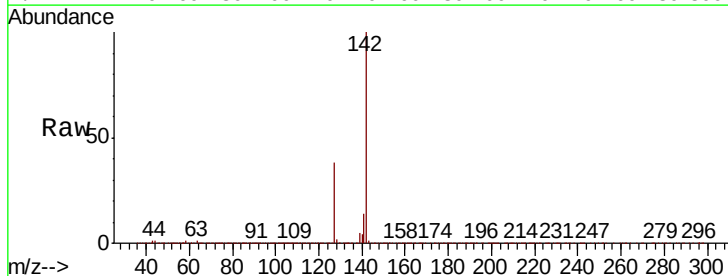
Tgt Ion:142 Resp: 347115

Ion Ratio Lower Upper

142 100

127 39.1 31.0 46.4

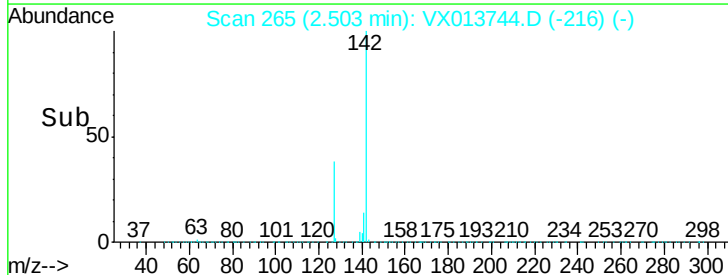
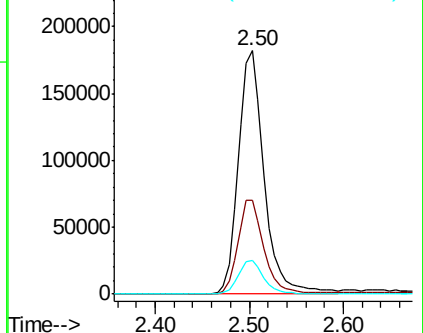
141 13.8 11.6 17.4

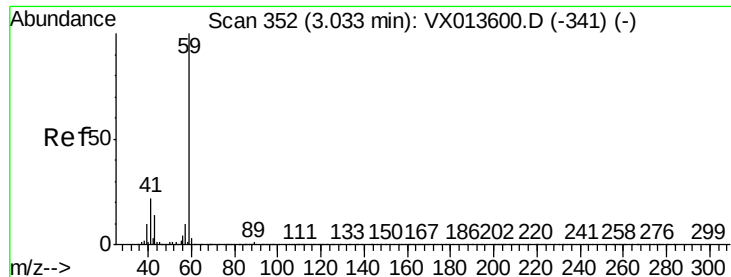


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



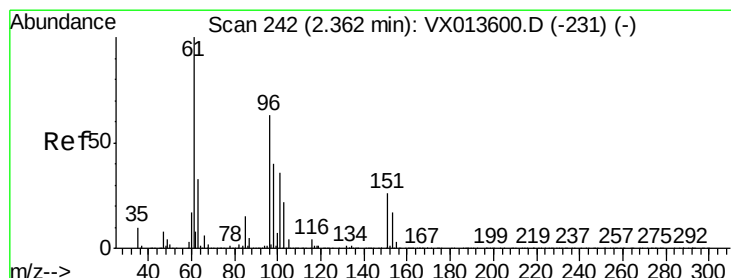
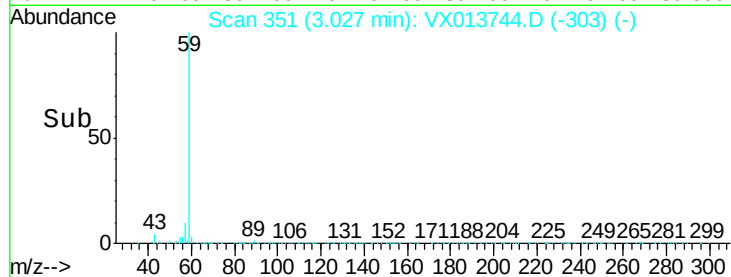
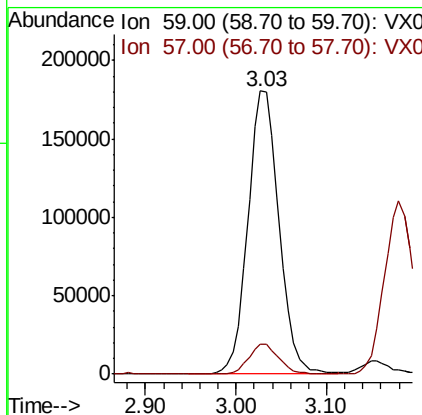
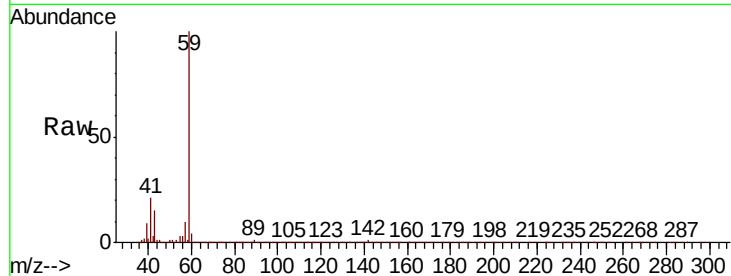


#11

Tert butyl alcohol
Concen: 207.595 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013744.D
Acq: 04 Dec 2019 11:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

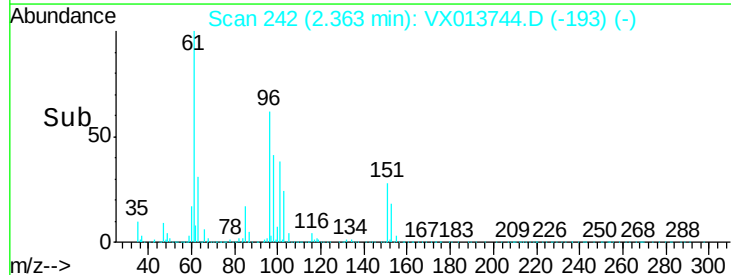
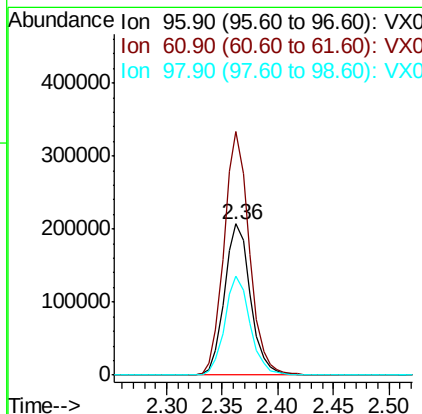
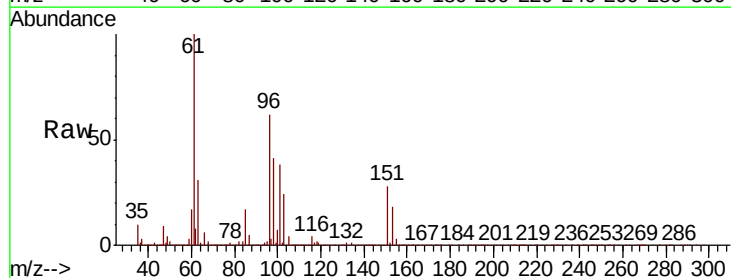
Tot Ion: 59 Resp: 426794
Ion Ratio Lower Upper
59 100
57 10.0 7.8 11.6

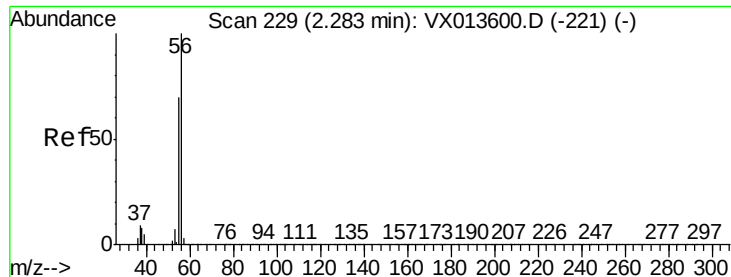


#12

1,1-Dichloroethene
Concen: 48.740 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013744.D
Acq: 04 Dec 2019 11:49

Tgt Ion: 96 Resp: 332830
Ion Ratio Lower Upper
96 100
61 161.5 126.6 190.0
98 65.6 50.6 76.0

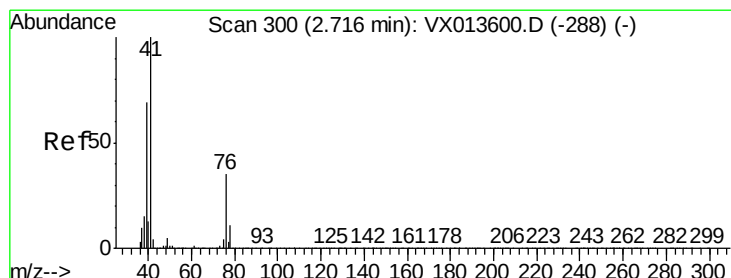
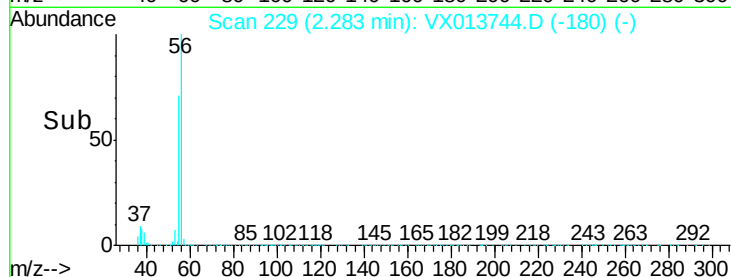
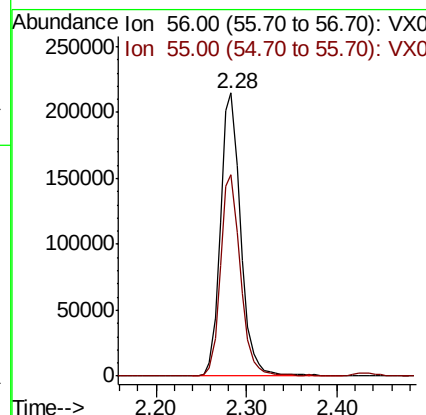
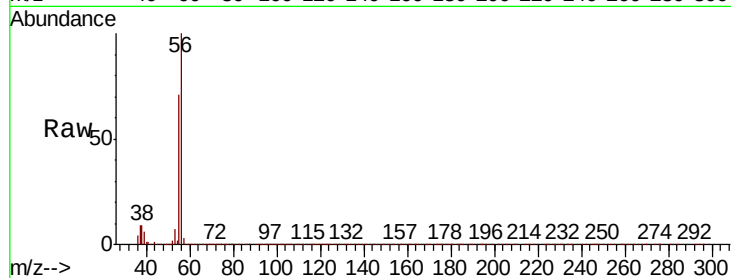




#13
Acrolein
Concen: 242.902 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX013744.D
Acq: 04 Dec 2019 11:49

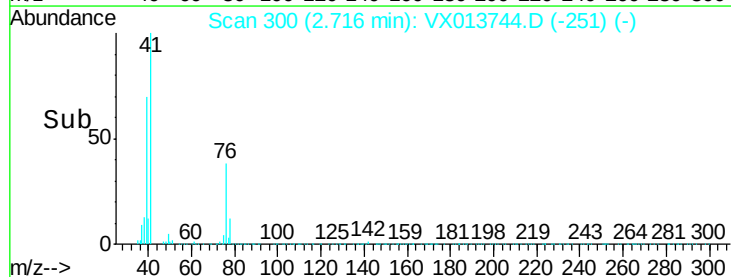
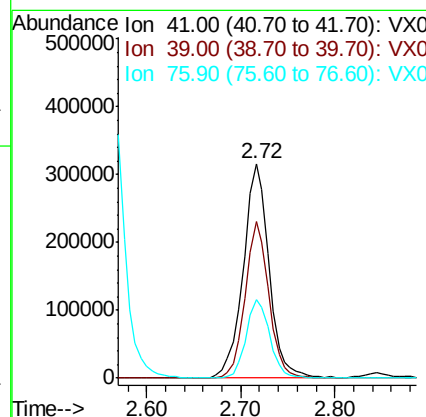
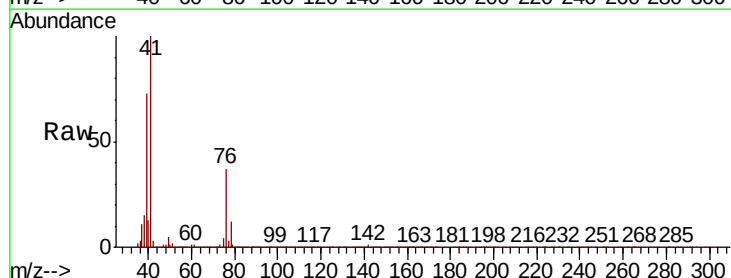
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

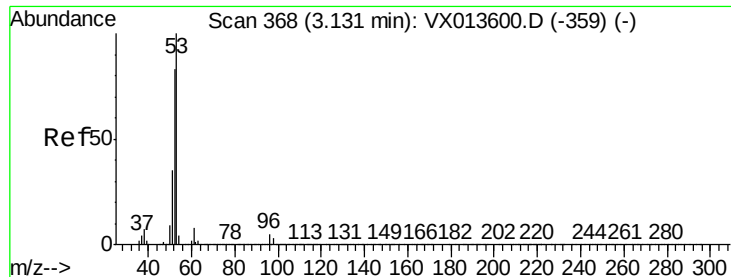
Tot Ion: 56 Resp: 333732
Ion Ratio Lower Upper
56 100
55 70.1 56.2 84.4



#14
Allyl chloride
Concen: 48.407 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX013744.D
Acq: 04 Dec 2019 11:49

Tgt Ion: 41 Resp: 599877
Ion Ratio Lower Upper
41 100
39 66.8 51.7 77.5
76 33.2 25.9 38.9





#15

Acrylonitrile

Concen: 233.148 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013744.D

Acq: 04 Dec 2019 11:49

Instrument :

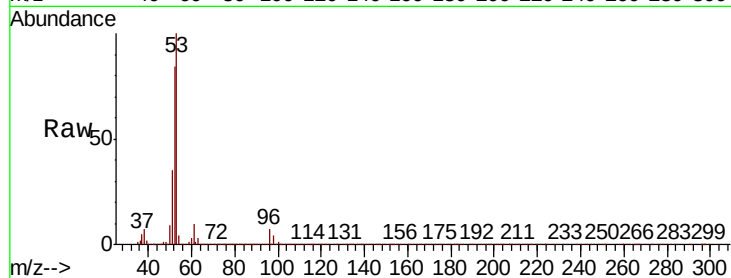
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 989416

Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.2	99.2
51	35.9	29.0	43.6

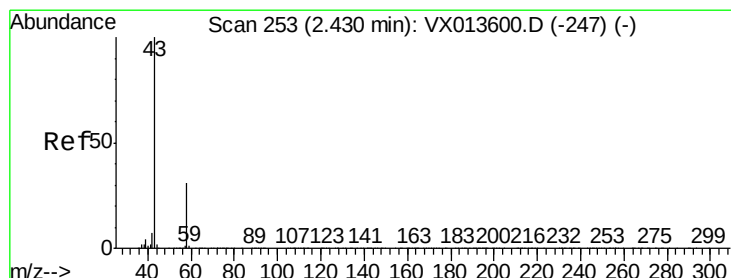
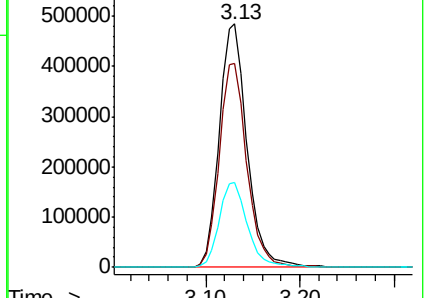
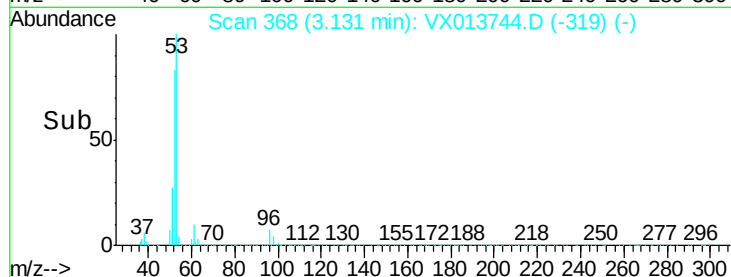


Abundance

Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 262.002 ug/l

RT: 2.43 min Scan# 253

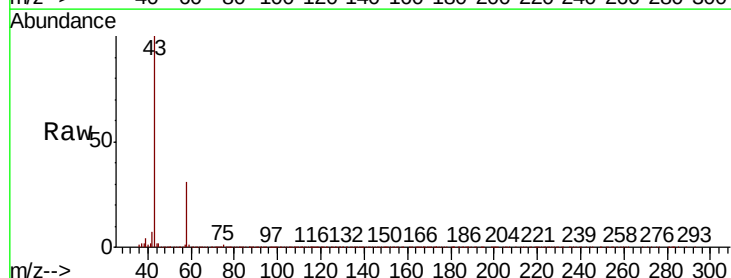
Delta R.T. 0.00 min

Lab File: VX013744.D

Acq: 04 Dec 2019 11:49

Tgt Ion: 43 Resp: 1077400

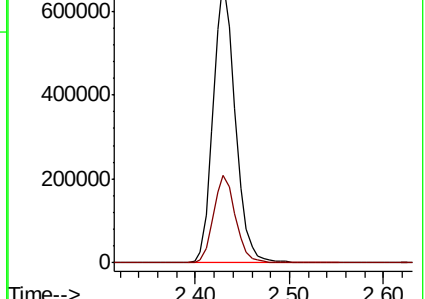
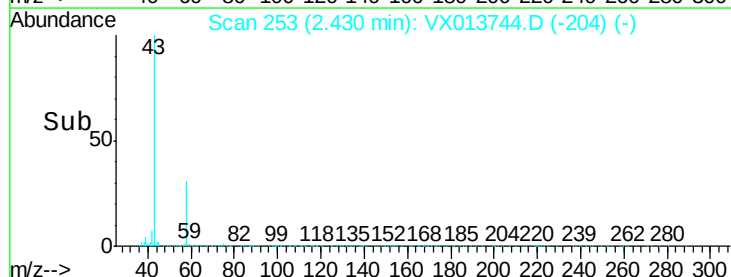
Ion	Ratio	Lower	Upper
43	100		
58	31.1	24.6	36.8

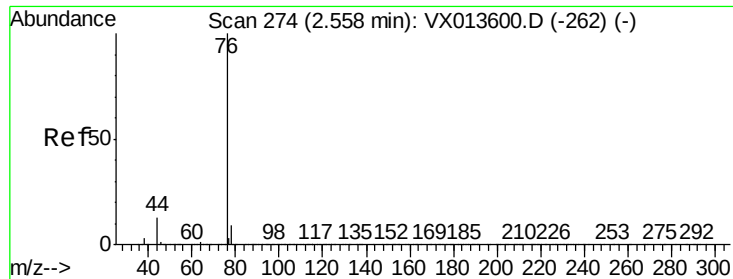


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 47.258 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX013744.D

Acq: 04 Dec 2019 11:49

Instrument :

MSVOA_X

ClientSampleId :

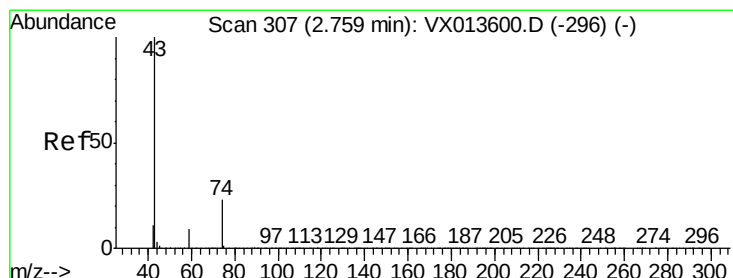
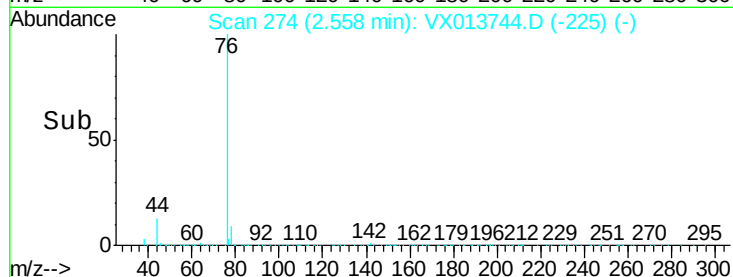
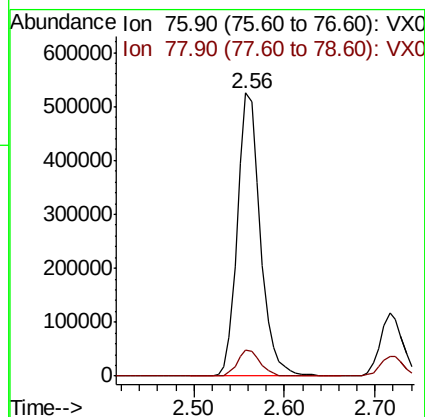
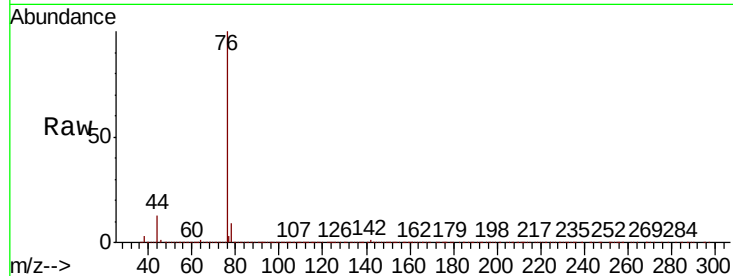
VSTDCCC050

Tot Ion: 76 Resp: 919950

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8



#18

Methyl Acetate

Concen: 49.627 ug/l

RT: 2.76 min Scan# 307

Delta R.T. 0.00 min

Lab File: VX013744.D

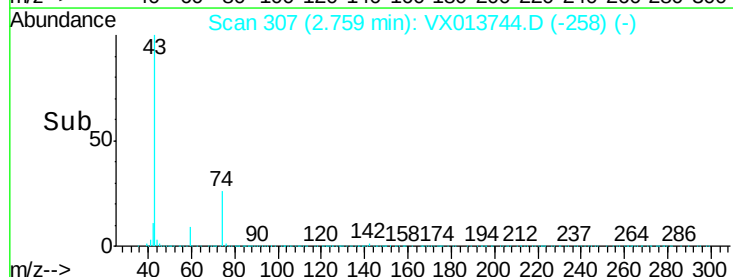
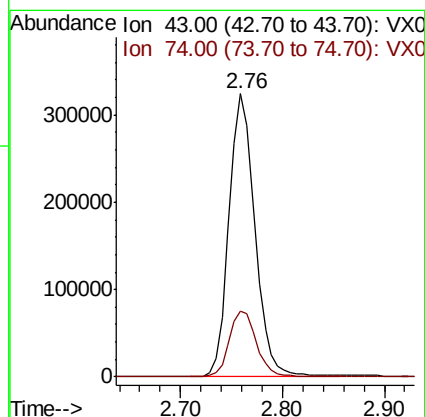
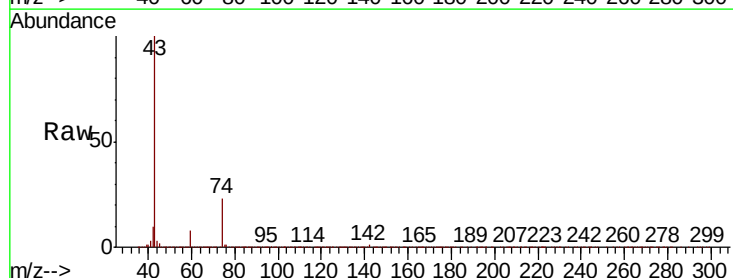
Acq: 04 Dec 2019 11:49

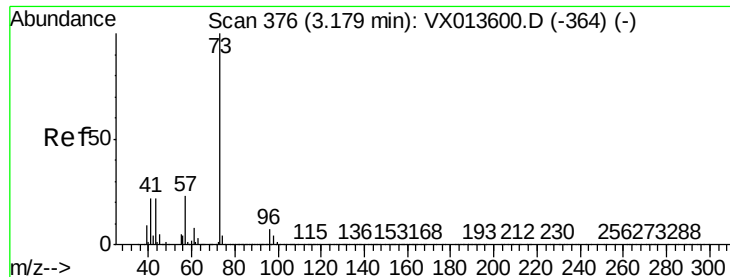
Tgt Ion: 43 Resp: 568266

Ion Ratio Lower Upper

43 100

74 24.2 19.5 29.3



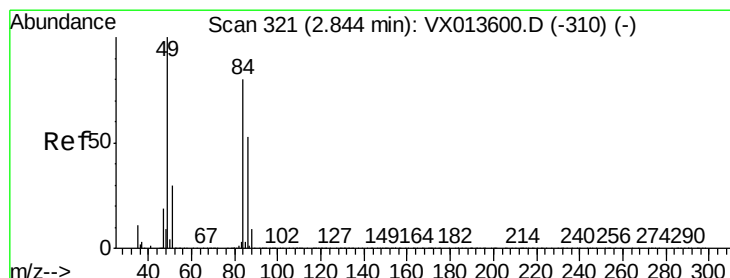
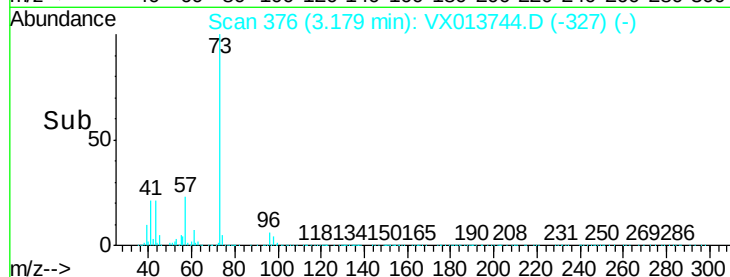
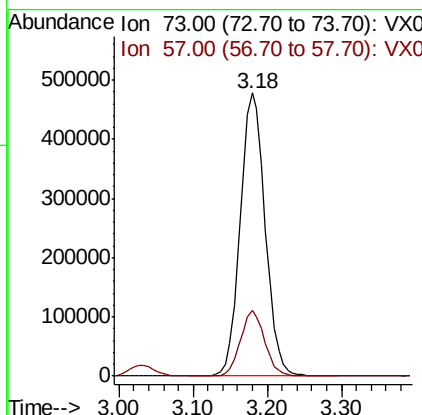
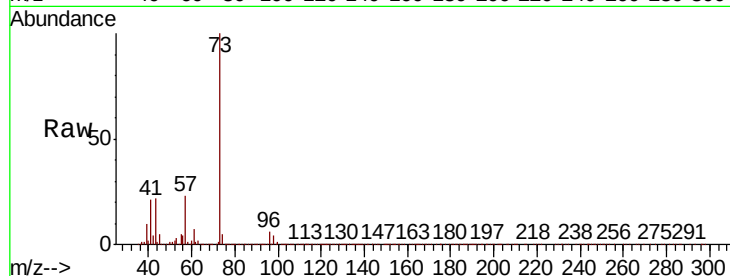


#19

Methyl tert-butyl Ether
 Concen: 49.622 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. 0.00 min
 Lab File: VX013744.D
 Acq: 04 Dec 2019 11:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

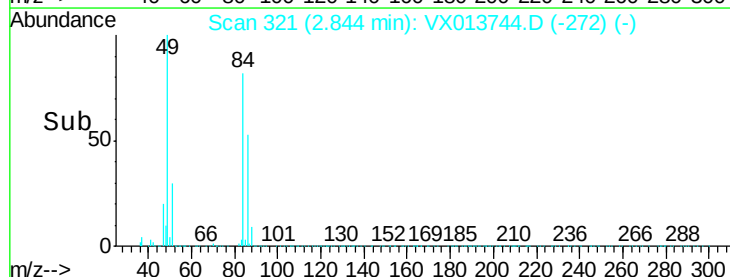
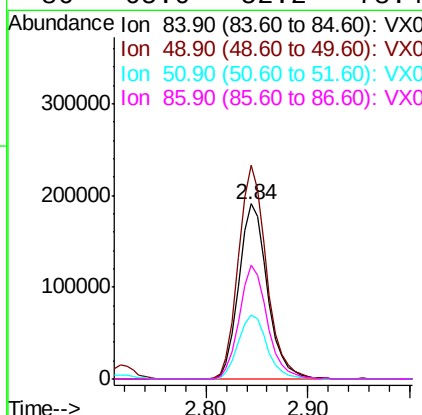
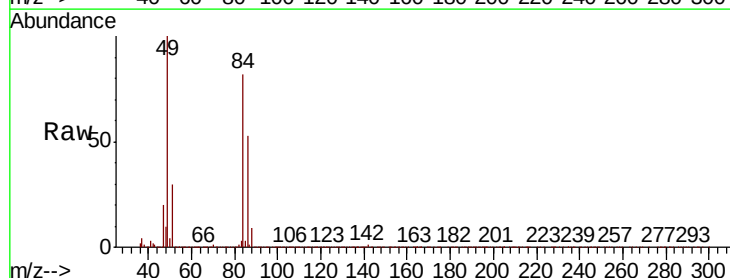
Tot Ion: 73 Resp: 1122546
 Ion Ratio Lower Upper
 73 100
 57 23.1 18.3 27.5

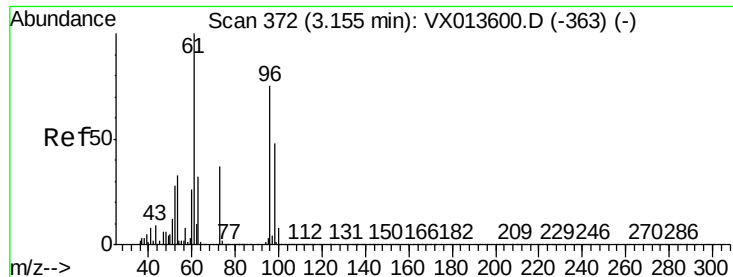


#20

Methylene Chloride
 Concen: 46.969 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. 0.00 min
 Lab File: VX013744.D
 Acq: 04 Dec 2019 11:49

Tgt Ion: 84 Resp: 371067
 Ion Ratio Lower Upper
 84 100
 49 121.8 99.7 149.5
 51 36.4 29.9 44.9
 86 65.0 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 47.983 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013744.D

Acq: 04 Dec 2019 11:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

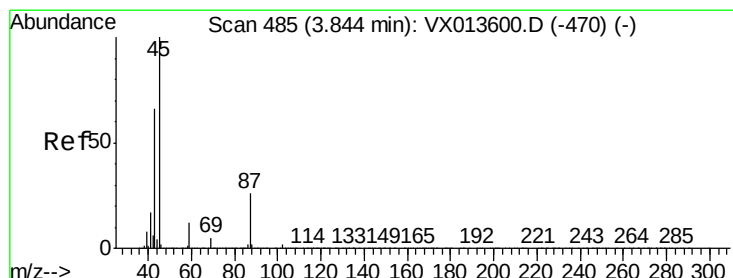
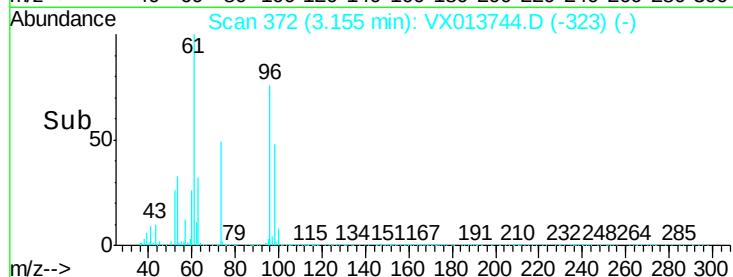
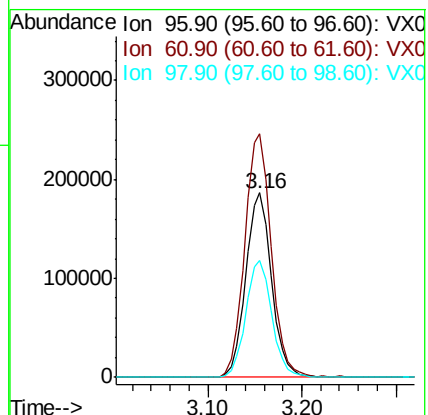
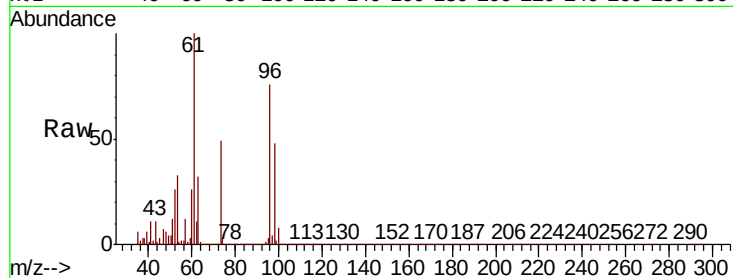
Tot Ion: 96 Resp: 356948

Ion Ratio Lower Upper

96 100

61 132.0 107.2 160.8

98 63.1 51.4 77.0



#22

Diisopropyl ether

Concen: 49.141 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX013744.D

Acq: 04 Dec 2019 11:49

Tgt Ion: 45 Resp: 1172600

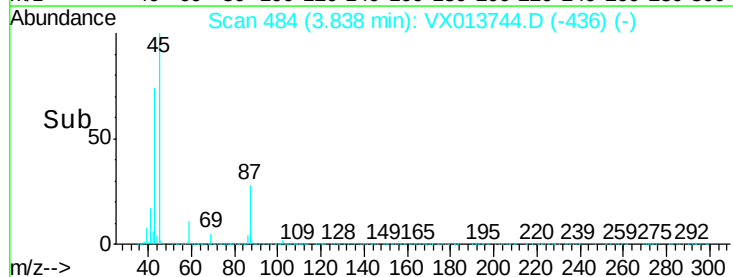
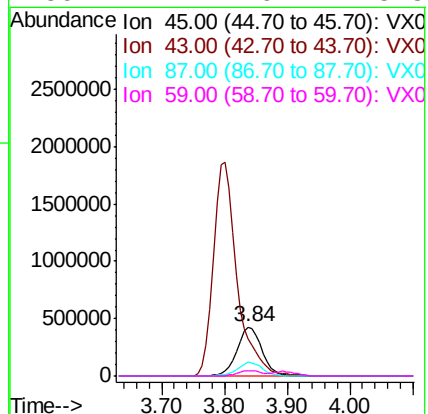
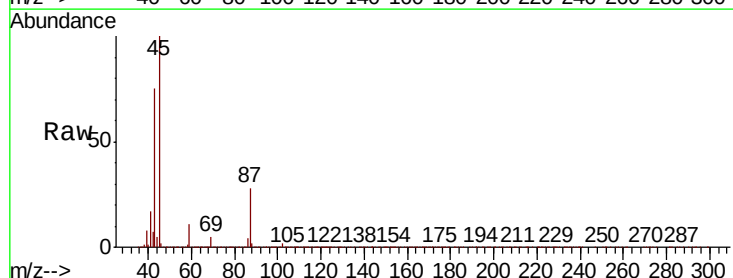
Ion Ratio Lower Upper

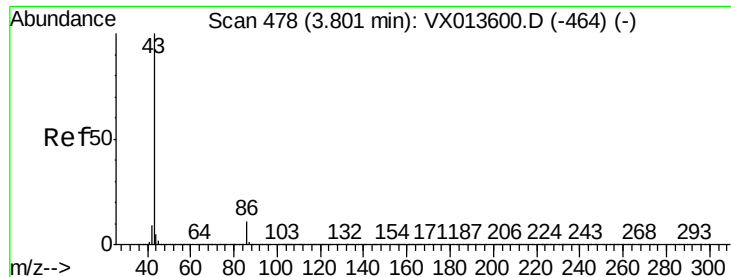
45 100

43 74.3 52.6 79.0

87 27.6 21.1 31.7

59 11.4 9.2 13.8





#23

Vinyl Acetate

Concen: 245.794 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013744.D

Acq: 04 Dec 2019 11:49

Instrument :

MSVOA_X

ClientSampleId :

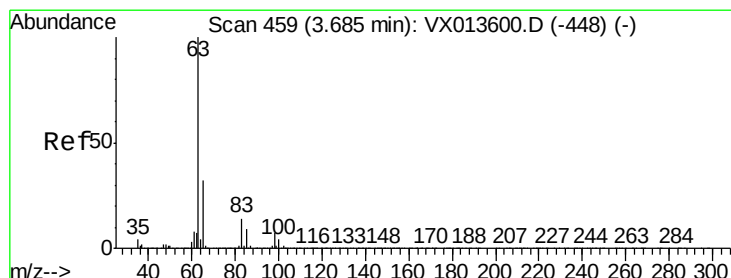
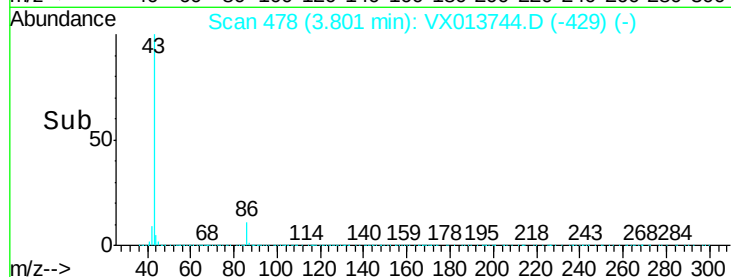
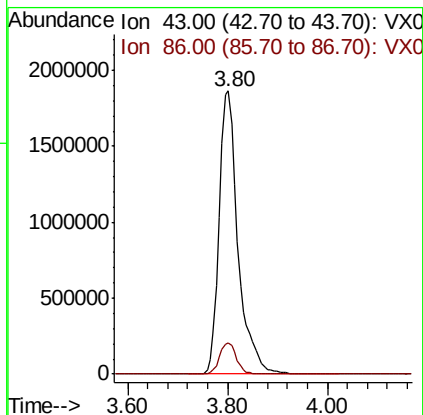
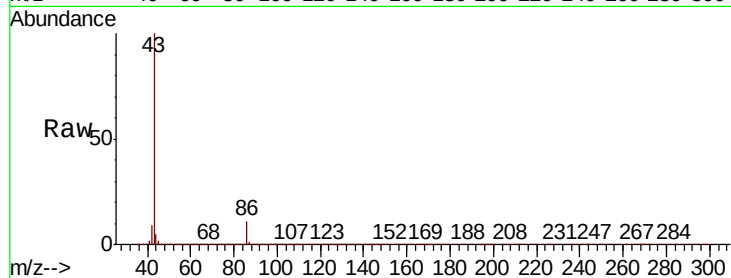
VSTDCCC050

Tot Ion: 43 Resp: 4879172

Ion Ratio Lower Upper

43 100

86 11.1 8.7 13.1



#24

1,1-Dichloroethane

Concen: 49.448 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX013744.D

Acq: 04 Dec 2019 11:49

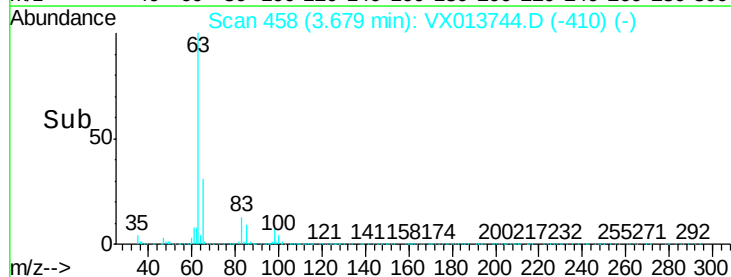
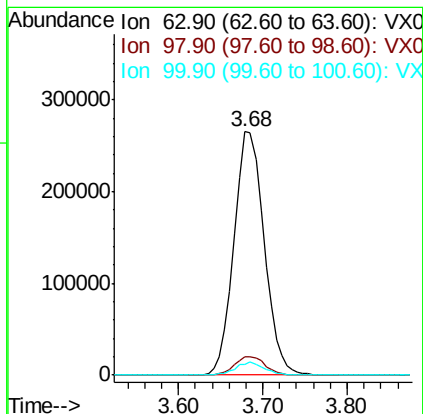
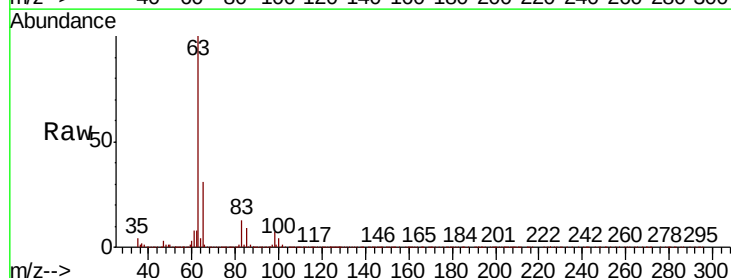
Tgt Ion: 63 Resp: 645027

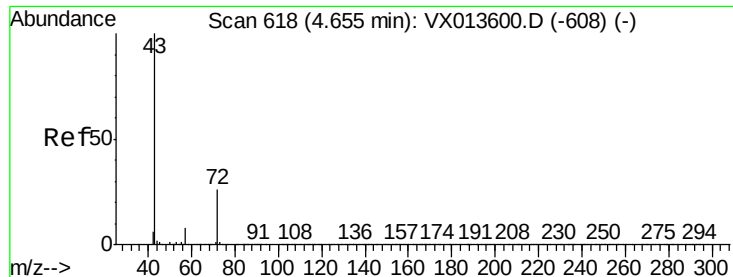
Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.4

100 4.2 2.1 6.3

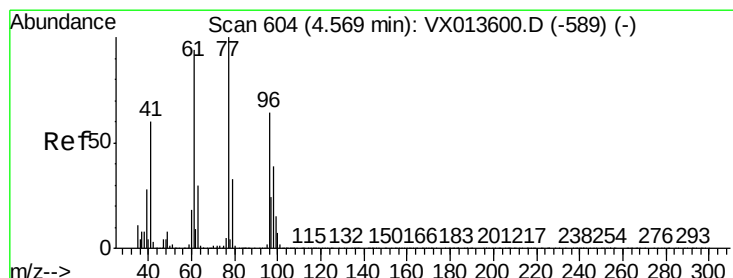
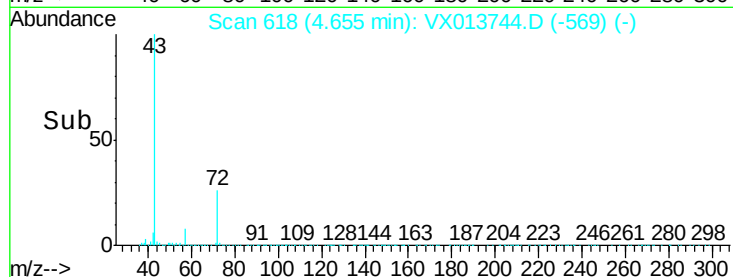
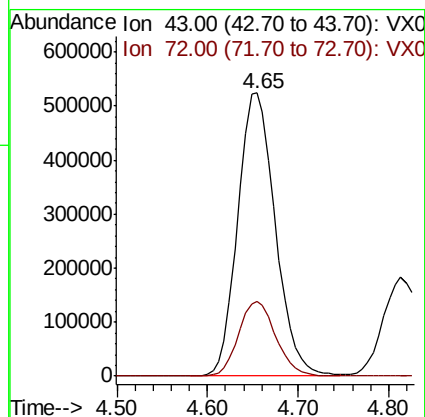
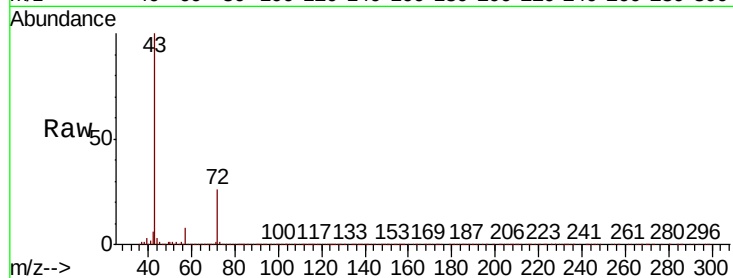




#25
2-Butanone
Concen: 244.631 ug/l
RT: 4.65 min Scan# 618
Delta R.T. 0.00 min
Lab File: VX013744.D
Acq: 04 Dec 2019 11:49

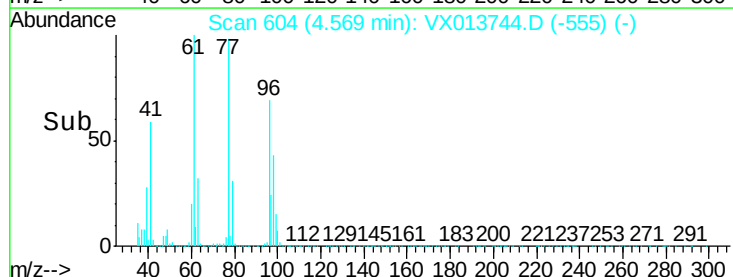
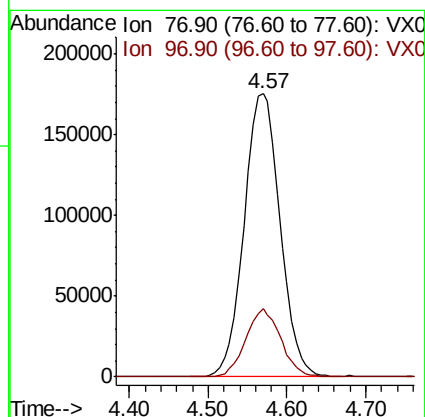
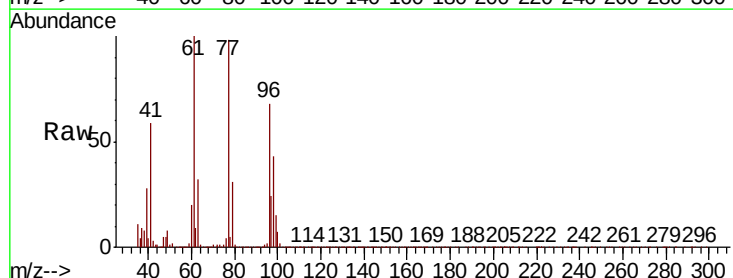
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

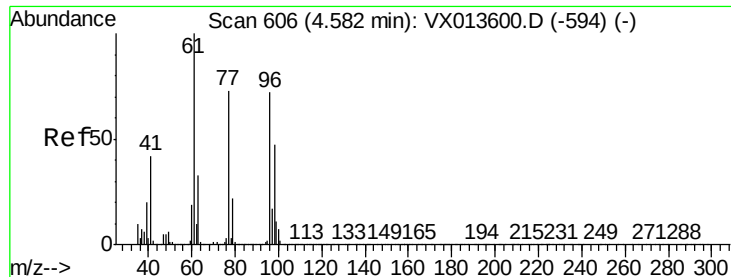
Tot Ion: 43 Resp: 1495058
Ion Ratio Lower Upper
43 100
72 26.2 20.6 31.0



#26
2,2-Dichloropropane
Concen: 51.372 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX013744.D
Acq: 04 Dec 2019 11:49

Tgt Ion: 77 Resp: 554442
Ion Ratio Lower Upper
77 100
97 23.3 12.0 36.1



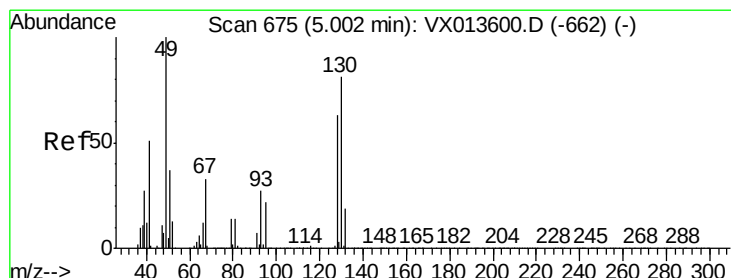
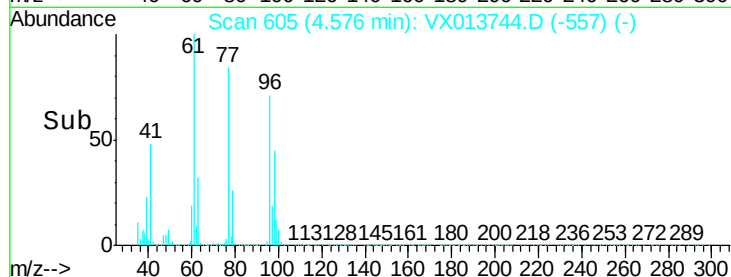
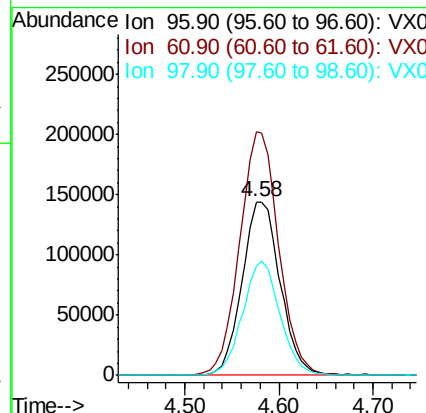
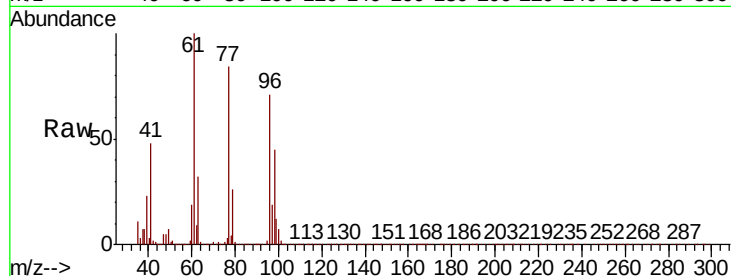


#27

cis-1,2-Dichloroethene
Concen: 47.610 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.01 min
Lab File: VX013744.D
Acq: 04 Dec 2019 11:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

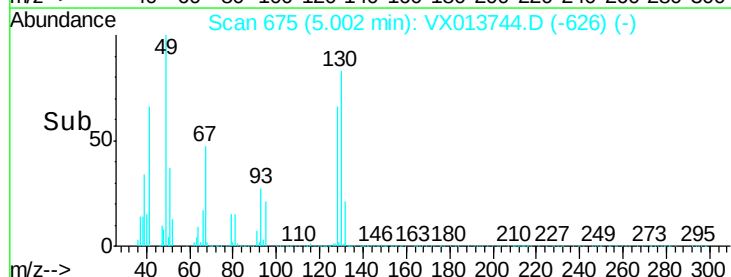
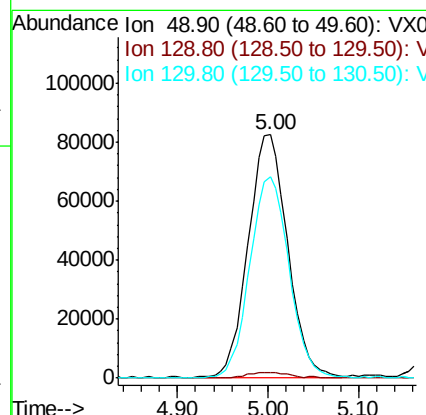
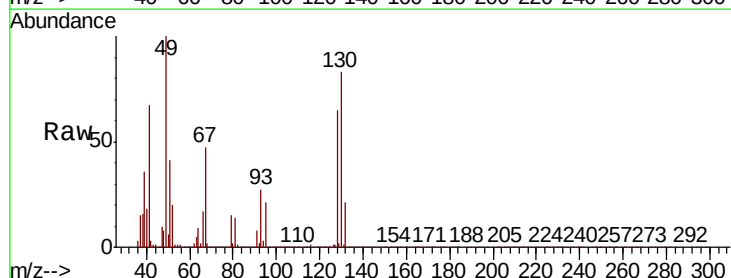
Tot Ion	Ratio	Lower	Upper
96	100		
61	144.1	0.0	286.4
98	65.0	0.0	127.4

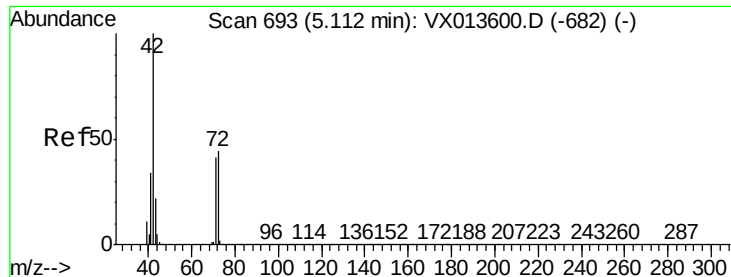


#28

Bromochloromethane
Concen: 48.067 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013744.D
Acq: 04 Dec 2019 11:49

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.0
130	82.9	65.4	98.0





#29

Tetrahydrofuran

Concen: 237.324 ug/l

RT: 5.11 min Scan# 692

Delta R.T. -0.01 min

Lab File: VX013744.D

Acq: 04 Dec 2019 11:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

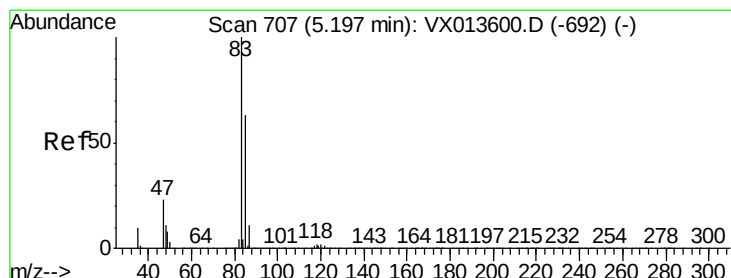
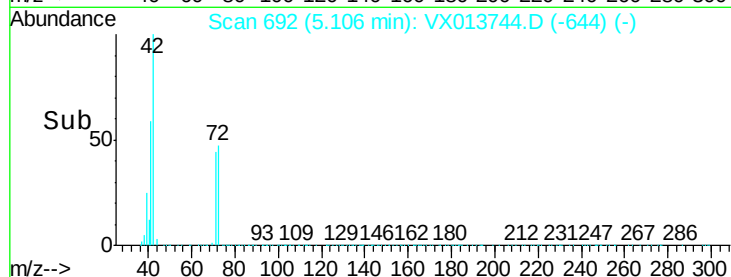
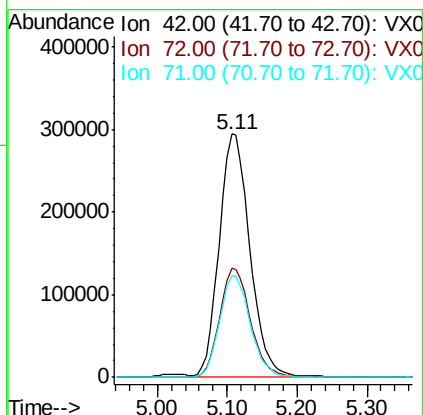
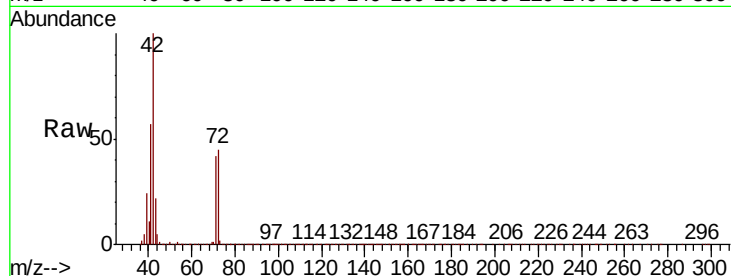
Tot Ion: 42 Resp: 894128

Ion Ratio Lower Upper

42 100

72 45.4 36.3 54.5

71 42.0 33.2 49.8



#30

Chloroform

Concen: 47.433 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX013744.D

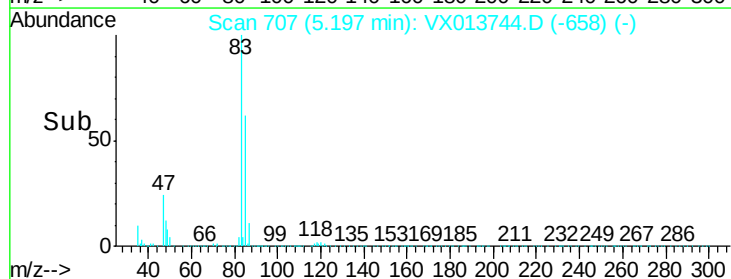
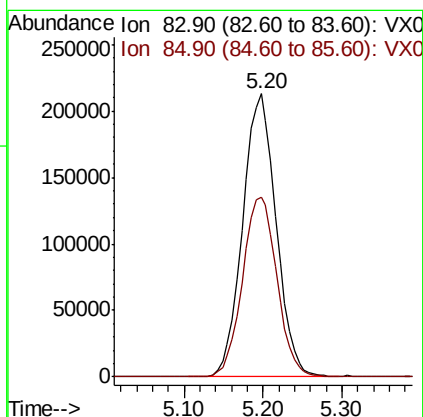
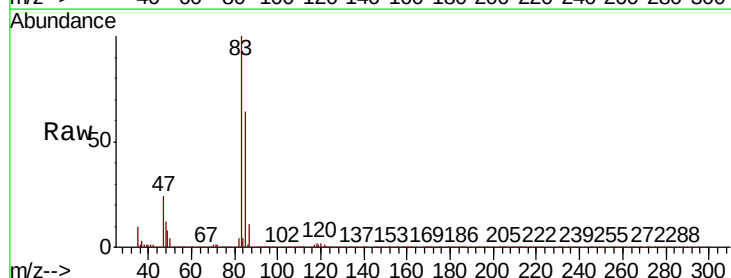
Acq: 04 Dec 2019 11:49

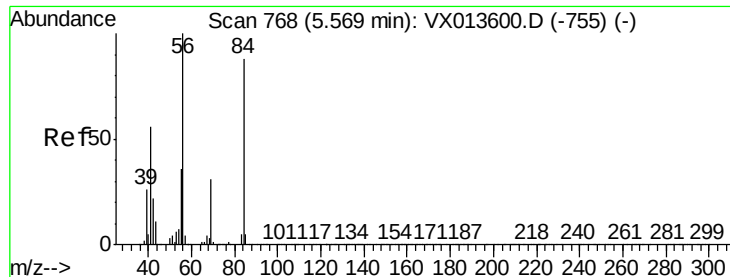
Tgt Ion: 83 Resp: 627501

Ion Ratio Lower Upper

83 100

85 63.5 50.2 75.4

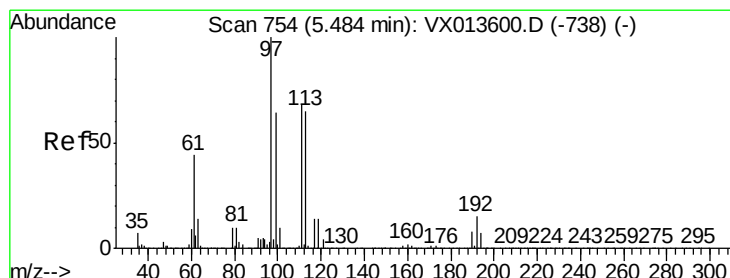
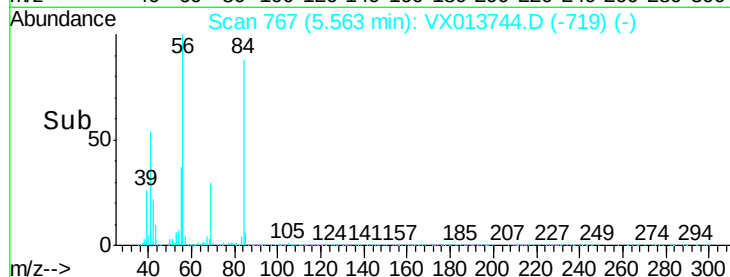
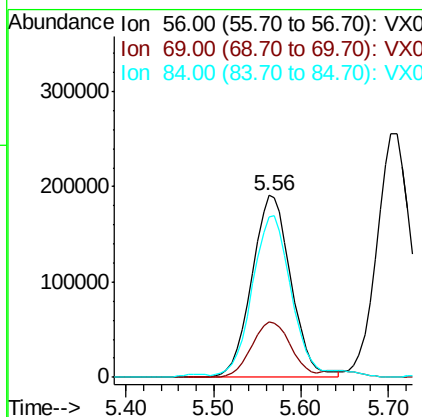
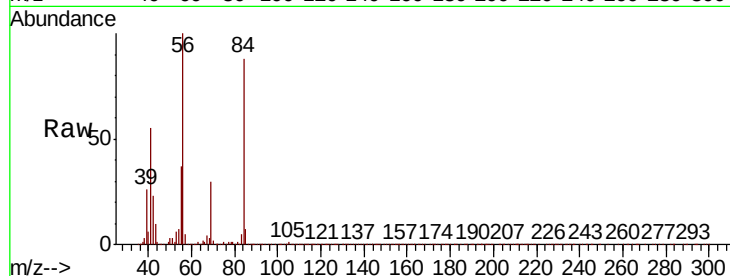




#31
Cyclohexane
Concen: 48.210 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX013744.D
Acq: 04 Dec 2019 11:49

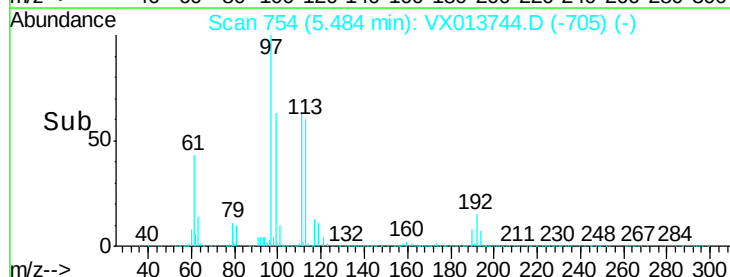
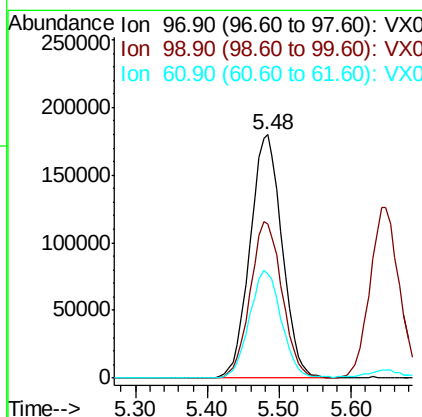
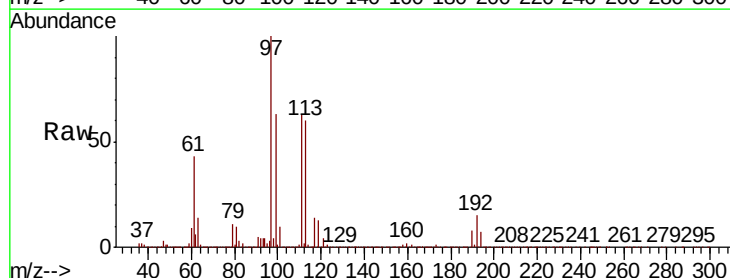
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

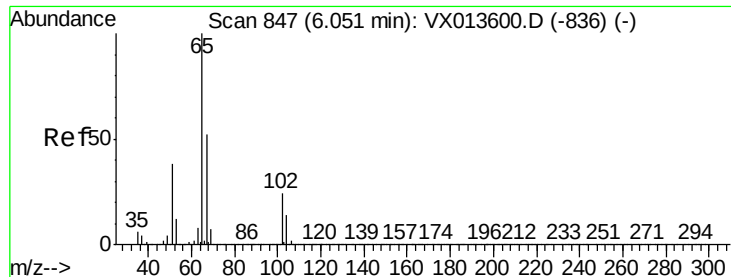
Tot Ion: 56 Resp: 593154
Ion Ratio Lower Upper
56 100
69 30.4 24.6 36.8
84 86.6 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 50.323 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013744.D
Acq: 04 Dec 2019 11:49

Tgt Ion: 97 Resp: 556325
Ion Ratio Lower Upper
97 100
99 64.0 51.6 77.4
61 43.8 36.1 54.1

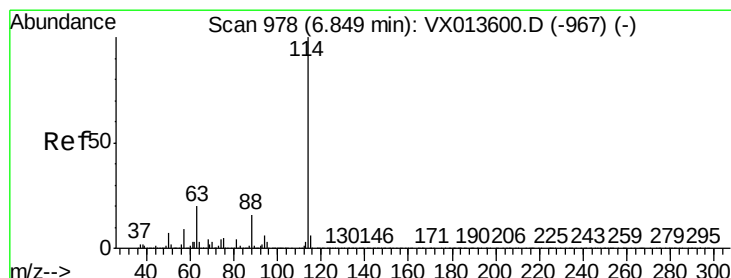
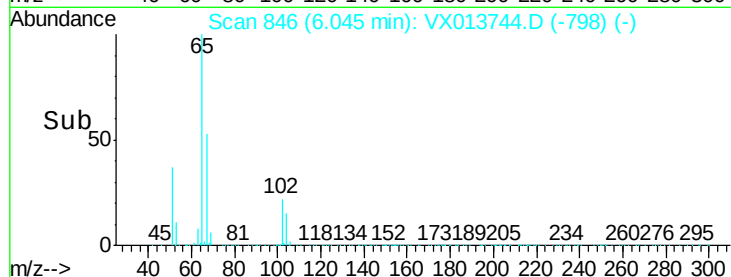
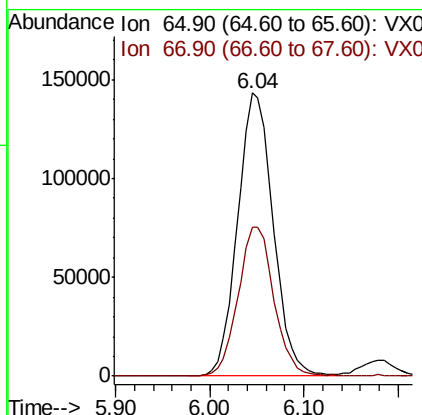
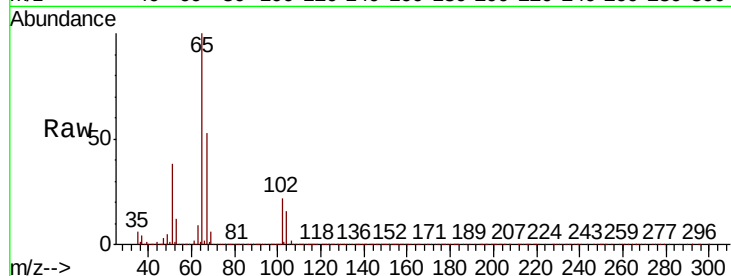




#33
 1,2-Dichloroethane-d4
 Concen: 45.244 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX013744.D
 Acq: 04 Dec 2019 11:49

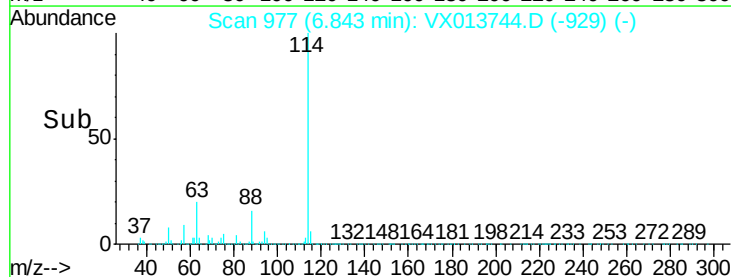
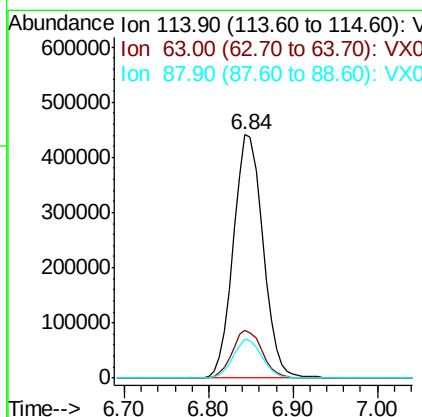
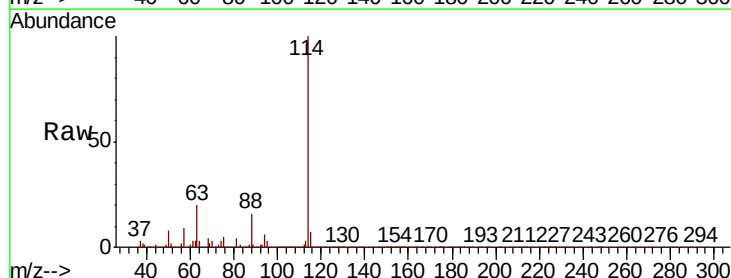
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

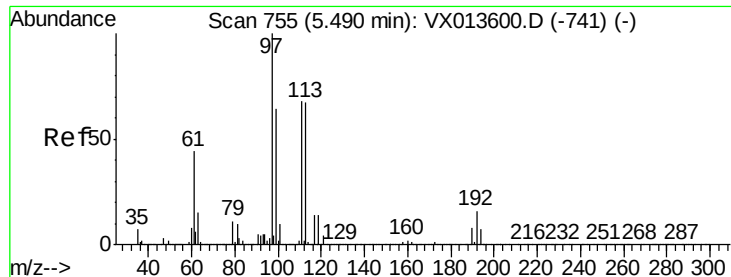
Tot Ion: 65 Resp: 376846
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX013744.D
 Acq: 04 Dec 2019 11:49

Tgt Ion: 114 Resp: 1050839
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.6
 88 15.7 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.821 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX013744.D

Acq: 04 Dec 2019 11:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

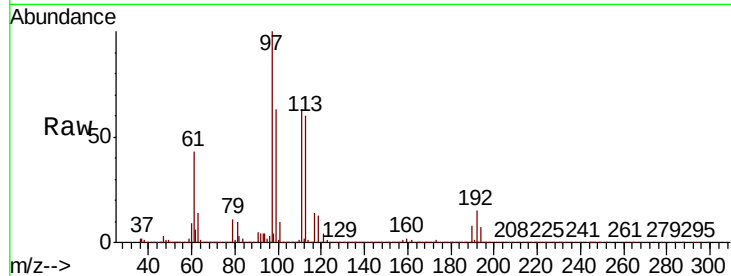
Tot Ion:113 Resp: 317162

Ion Ratio Lower Upper

113 100

111 101.4 83.6 125.4

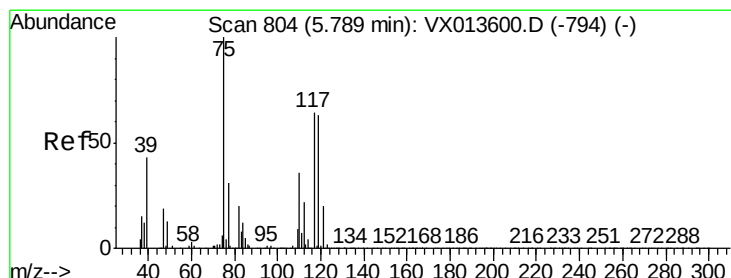
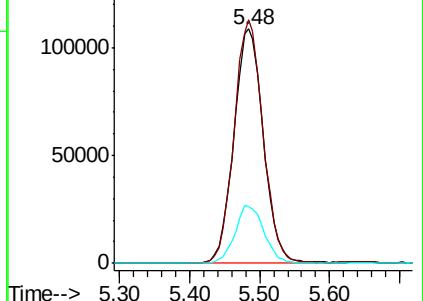
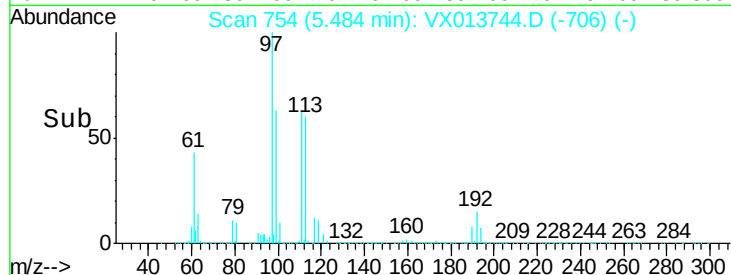
192 24.6 19.2 28.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 51.197 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX013744.D

Acq: 04 Dec 2019 11:49

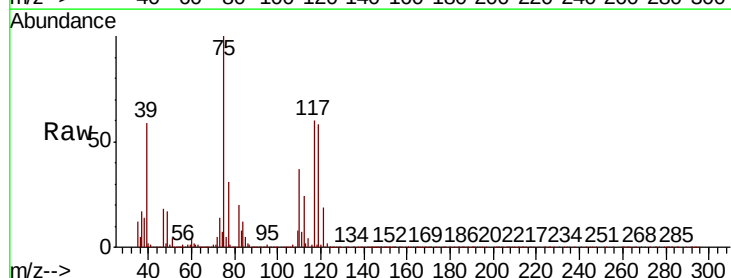
Tgt Ion: 75 Resp: 488370

Ion Ratio Lower Upper

75 100

110 37.0 18.1 54.1

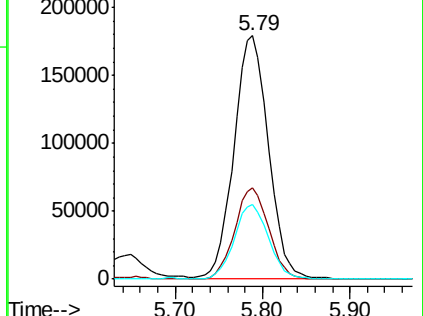
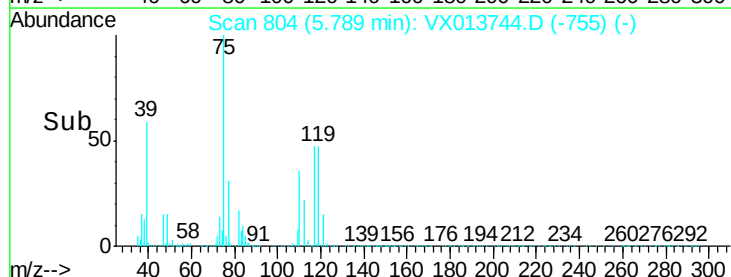
77 30.3 24.5 36.7

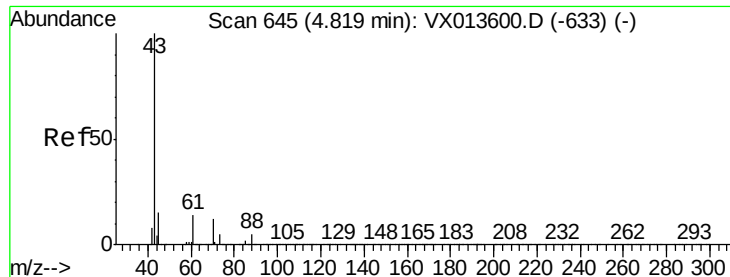


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

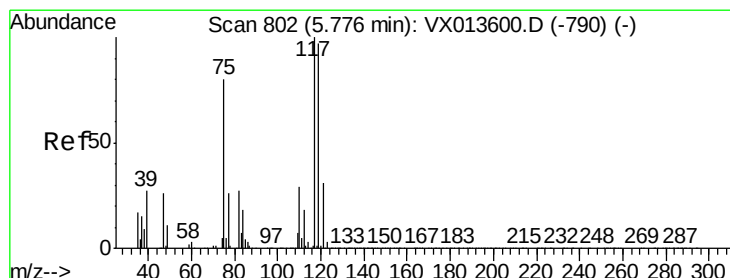
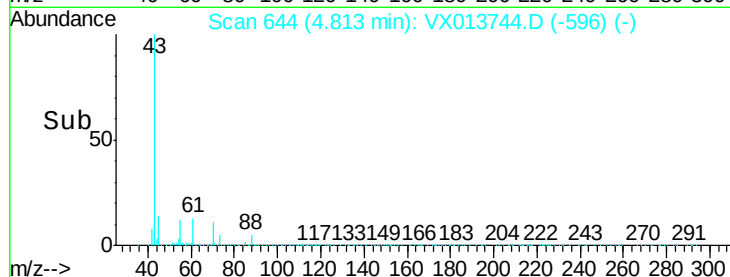
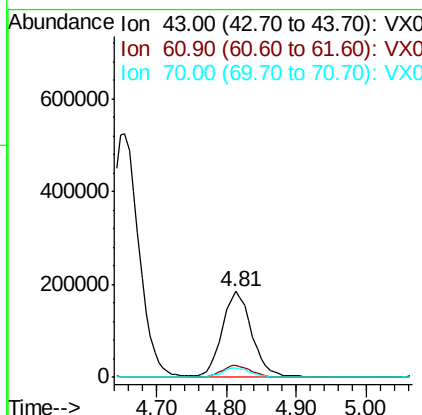
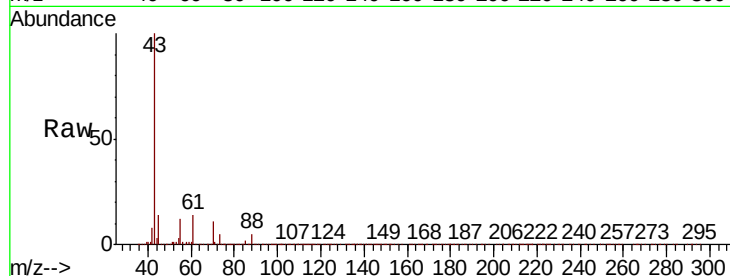




#37
Ethyl Acetate
Concen: 50.643 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013744.D
Acq: 04 Dec 2019 11:49

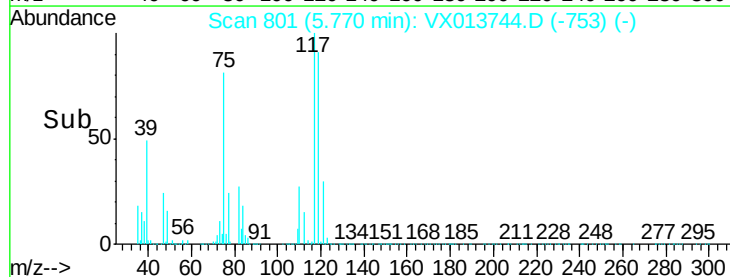
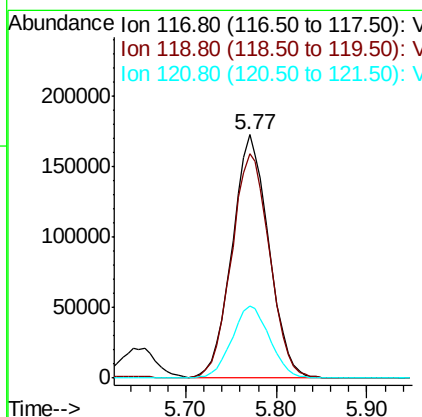
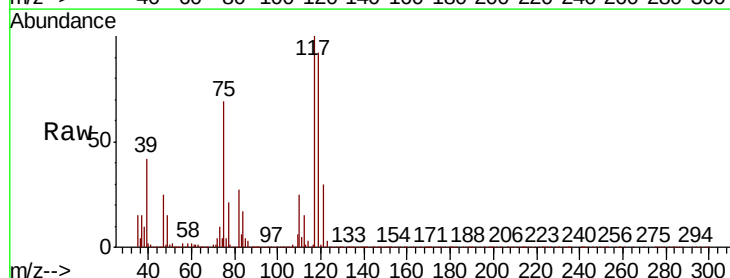
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

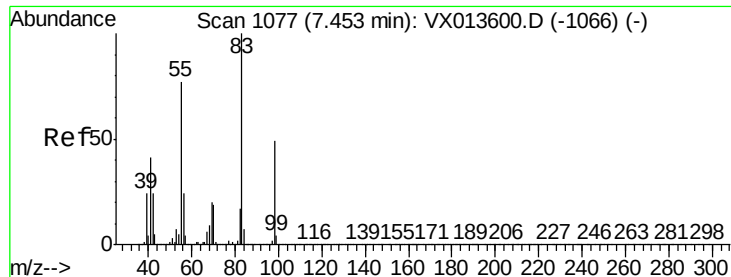
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.0	16.4
70	10.8	8.6	12.8



#38
Carbon Tetrachloride
Concen: 54.509 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013744.D
Acq: 04 Dec 2019 11:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.0	77.5	116.3
121	29.7	25.0	37.6

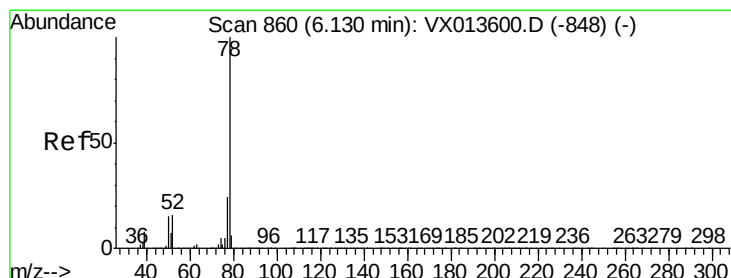
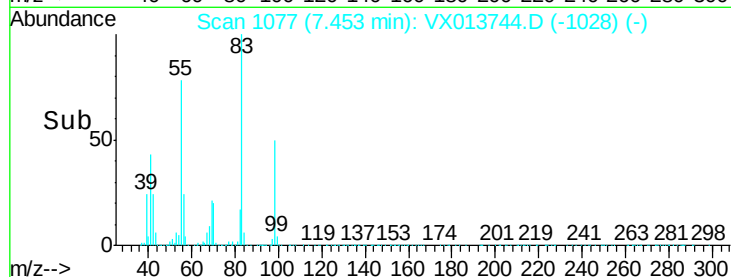
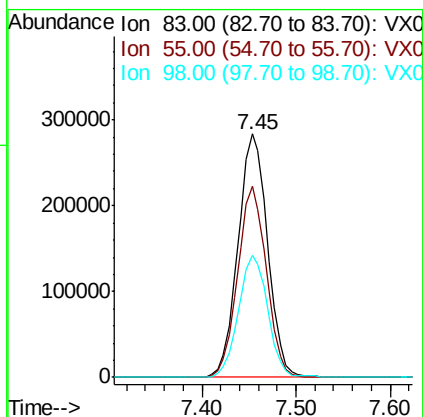
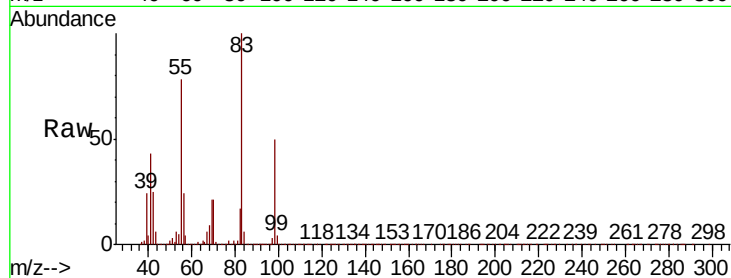




#39
Methylvlcyclohexane
Concen: 52.674 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX013744.D
Acq: 04 Dec 2019 11:49

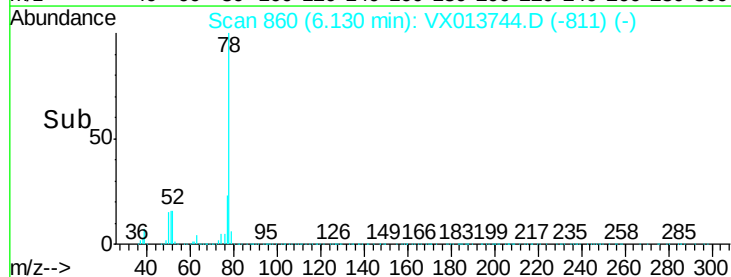
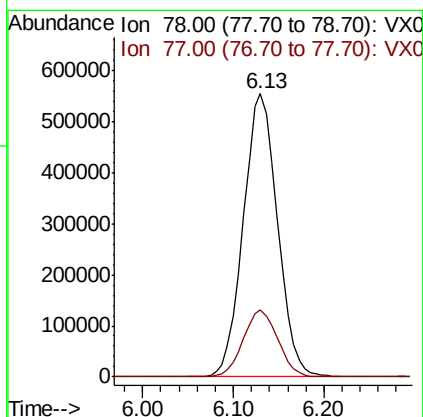
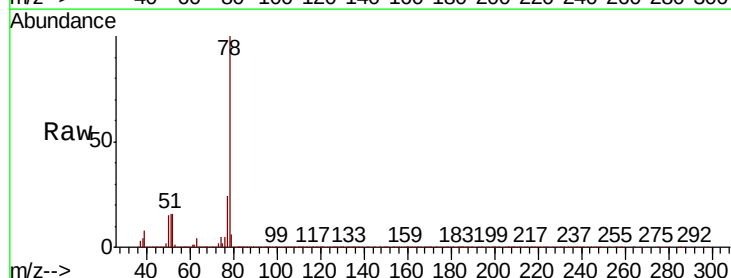
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

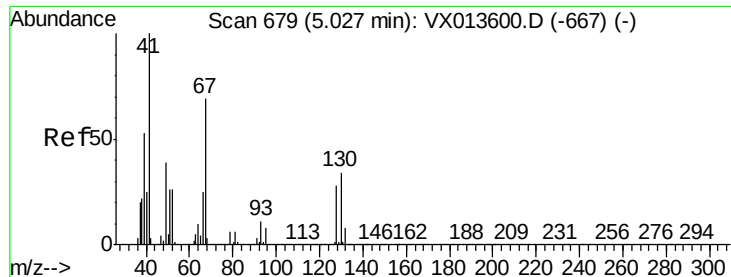
Tot Ion: 83 Resp: 621078
Ion Ratio Lower Upper
83 100
55 78.3 61.9 92.9
98 50.1 39.4 59.0



#40
Benzene
Concen: 49.747 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013744.D
Acq: 04 Dec 2019 11:49

Tgt Ion: 78 Resp: 1445271
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.4

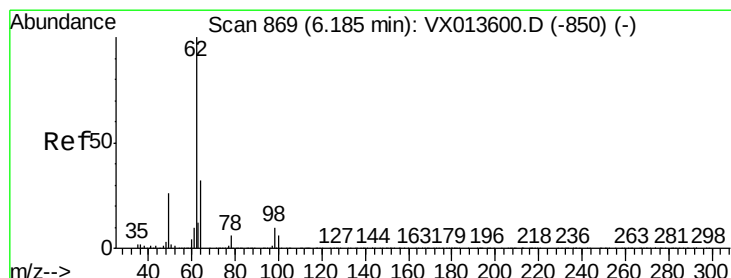
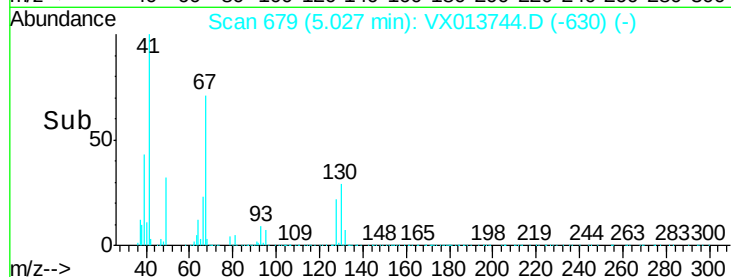
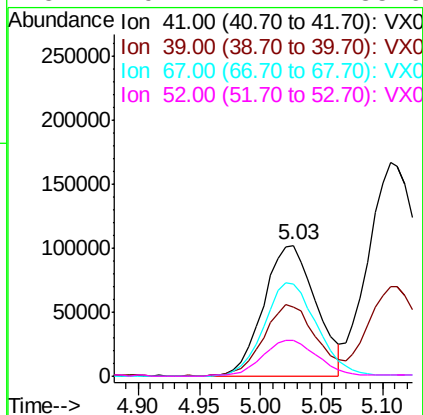
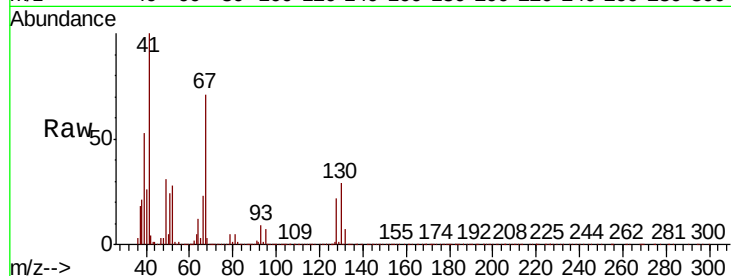




#41
Methacrylonitrile
Concen: 51.579 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX013744.D
Acq: 04 Dec 2019 11:49

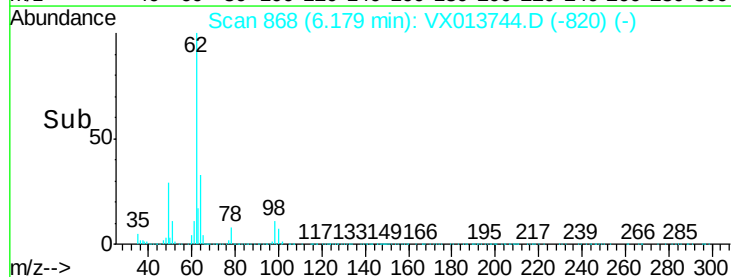
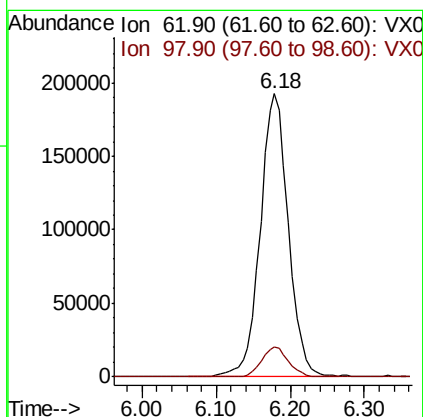
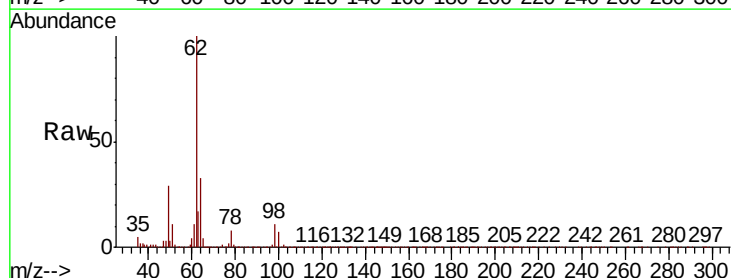
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

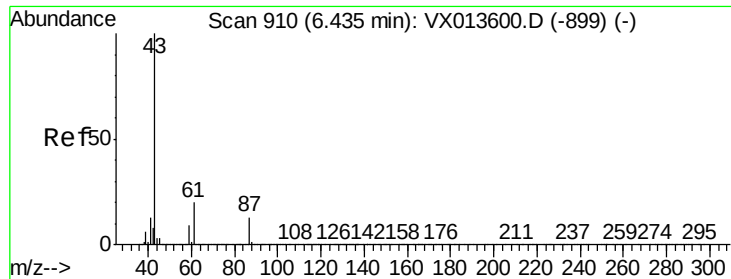
Tot Ion:	41	Resp:	302708
Ion	Ratio	Lower	Upper
41	100		
39	55.7	42.9	64.3
67	72.5	57.4	86.0
52	29.1	22.4	33.6



#42
1,2-Dichloroethane
Concen: 50.959 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX013744.D
Acq: 04 Dec 2019 11:49

Tgt Ion:	62	Resp:	504907
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.8





#43

Isopropyl Acetate

Concen: 51.002 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX013744.D

Acq: 04 Dec 2019 11:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

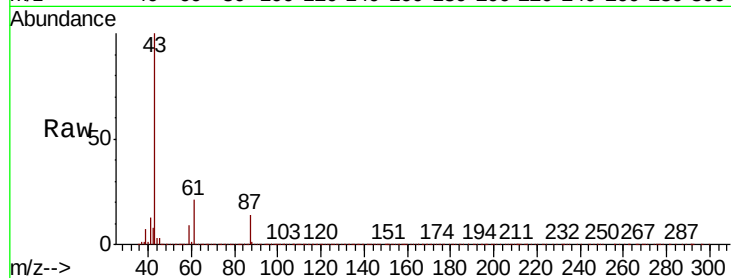
Tot Ion: 43 Resp: 898538

Ion Ratio Lower Upper

43 100

61 21.1 16.3 24.5

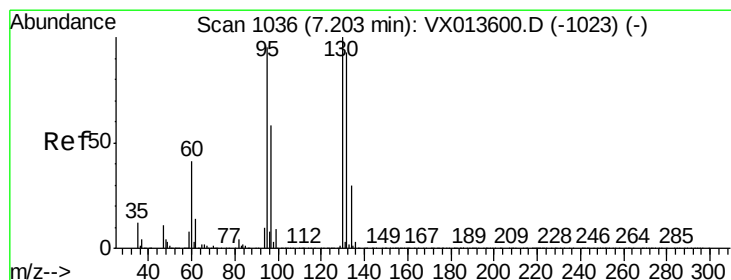
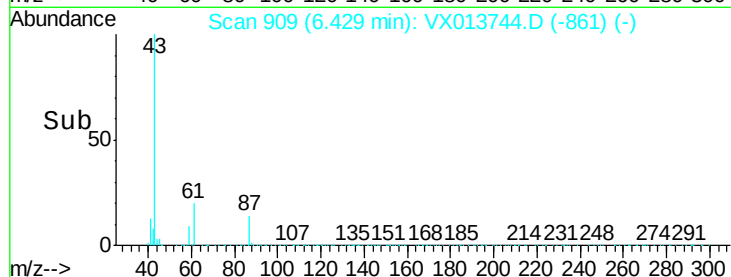
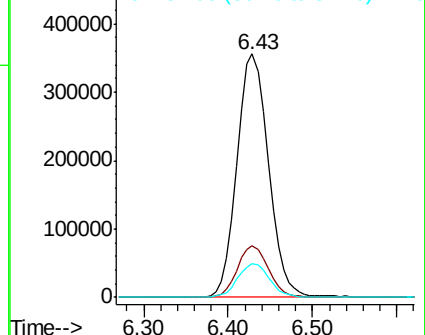
87 13.7 10.8 16.2



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: 50.369 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX013744.D

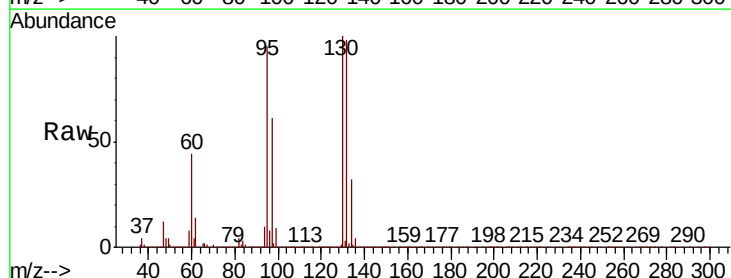
Acq: 04 Dec 2019 11:49

Tgt Ion: 130 Resp: 401608

Ion Ratio Lower Upper

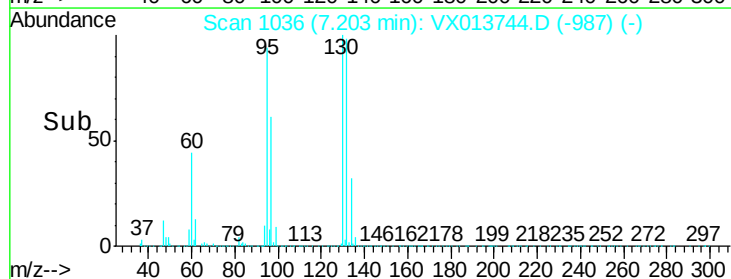
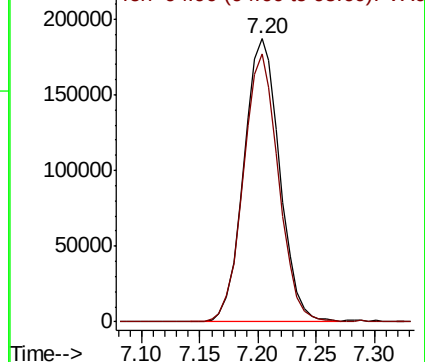
130 100

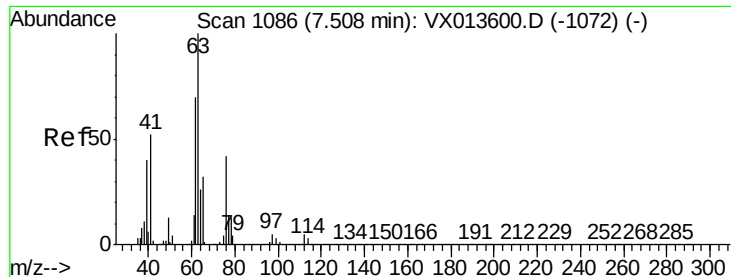
95 94.6 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 51.518 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX013744.D

Acq: 04 Dec 2019 11:49

Instrument :

MSVOA_X

ClientSampleId :

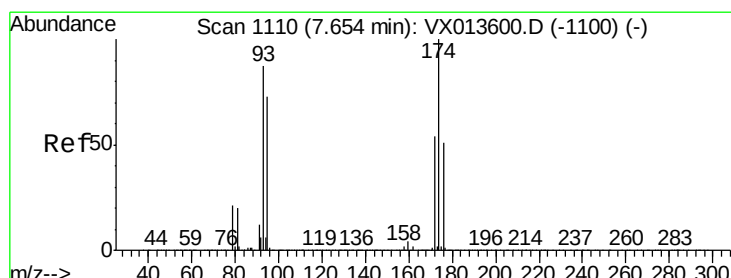
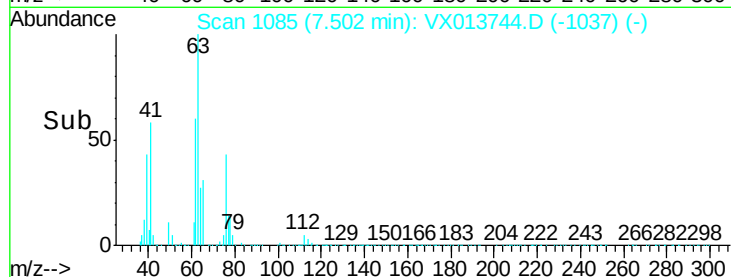
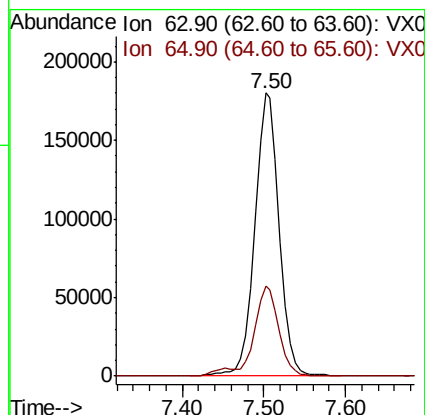
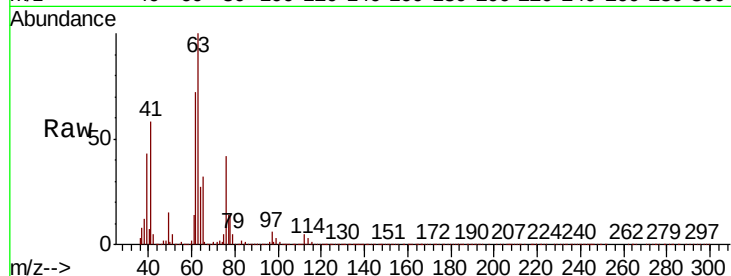
VSTDCCC050

Tot Ion: 63 Resp: 374475

Ion Ratio Lower Upper

63 100

65 31.8 25.5 38.3



#46

Dibromomethane

Concen: 50.270 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX013744.D

Acq: 04 Dec 2019 11:49

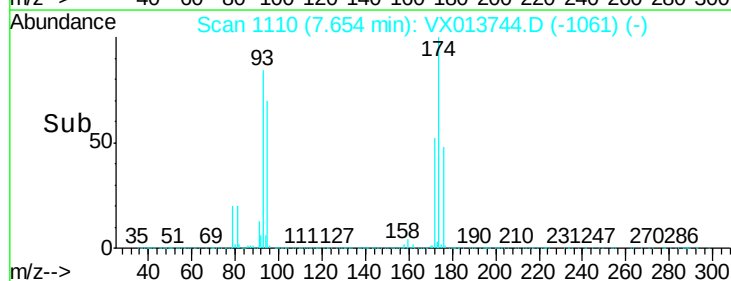
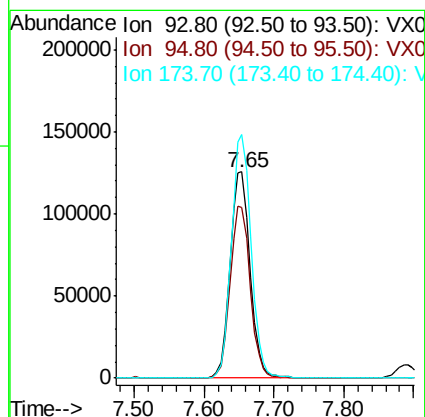
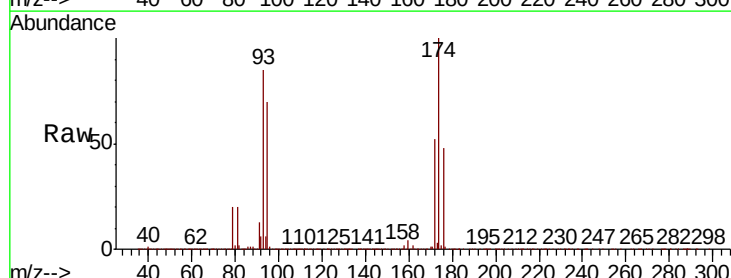
Tgt Ion: 93 Resp: 248174

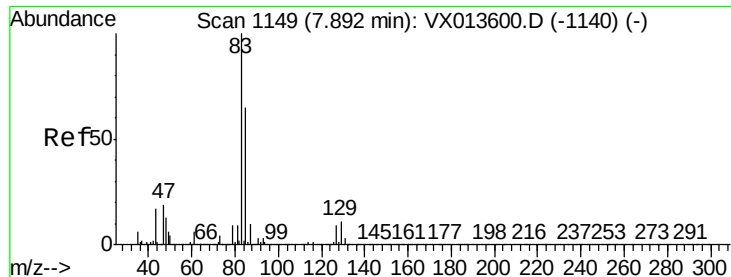
Ion Ratio Lower Upper

93 100

95 83.8 66.2 99.2

174 117.2 93.4 140.0





#47

Bromodichloromethane

Concen: 54.129 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013744.D

Acq: 04 Dec 2019 11:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

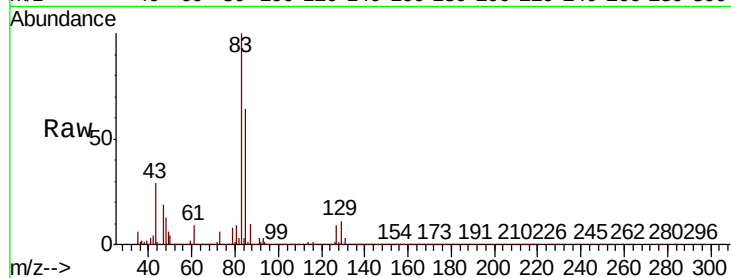
Tot Ion: 83 Resp: 505184

Ion Ratio Lower Upper

83 100

85 63.8 52.1 78.1

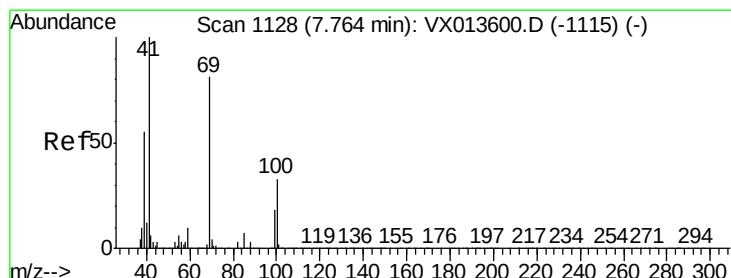
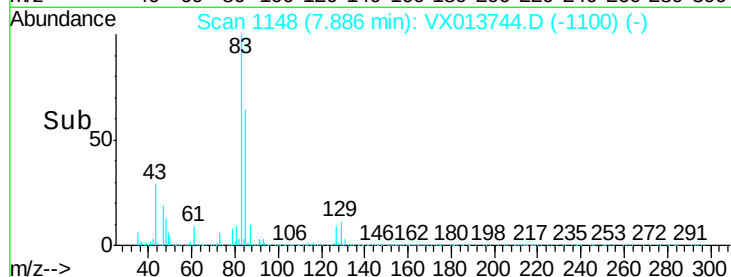
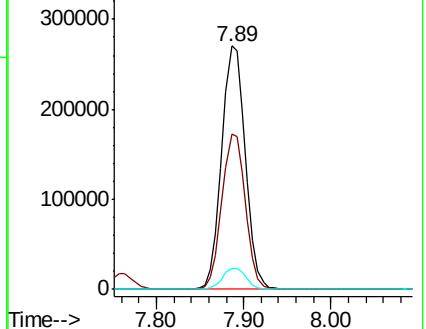
127 8.5 7.0 10.4



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: 52.385 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX013744.D

Acq: 04 Dec 2019 11:49

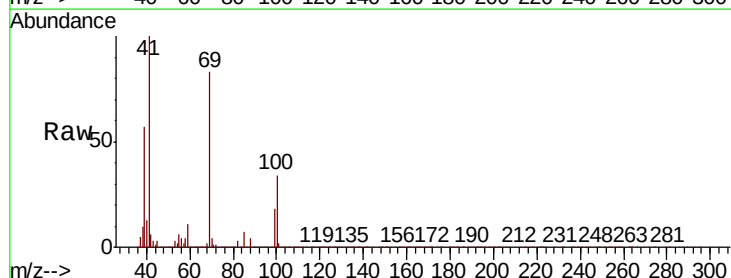
Tgt Ion: 41 Resp: 448418

Ion Ratio Lower Upper

41 100

69 82.2 64.7 97.1

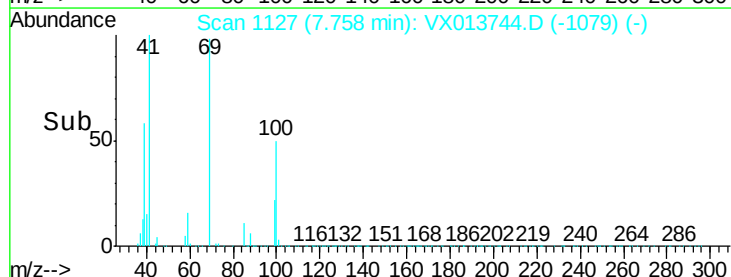
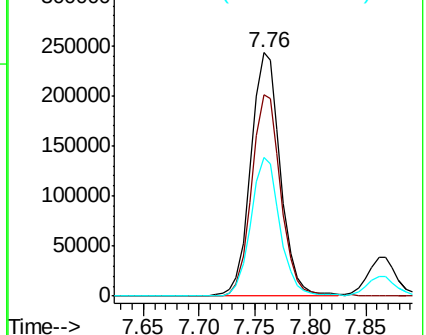
39 55.7 43.8 65.6

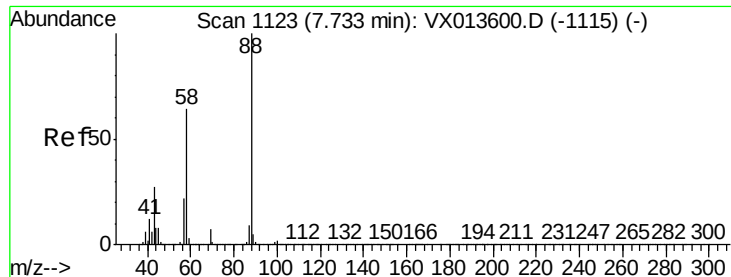


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 865.911 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX013744.D

Acq: 04 Dec 2019 11:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

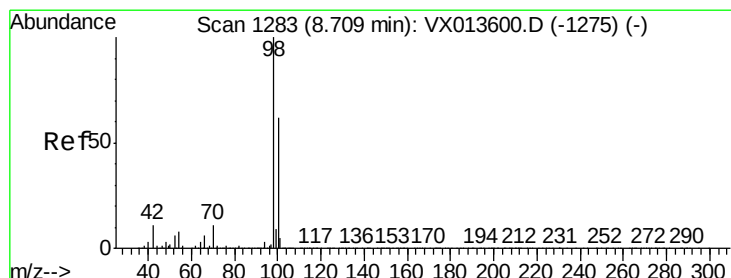
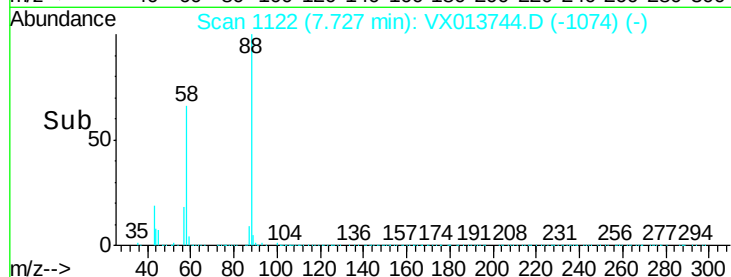
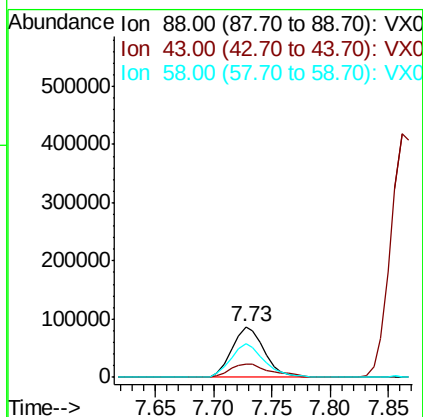
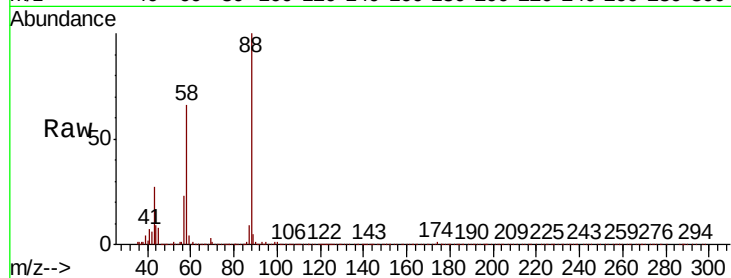
Tot Ion: 88 Resp: 165914

Ion Ratio Lower Upper

88 100

43 35.1 25.8 38.6

58 69.0 54.6 82.0



#50

Toluene-d8

Concen: 47.472 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013744.D

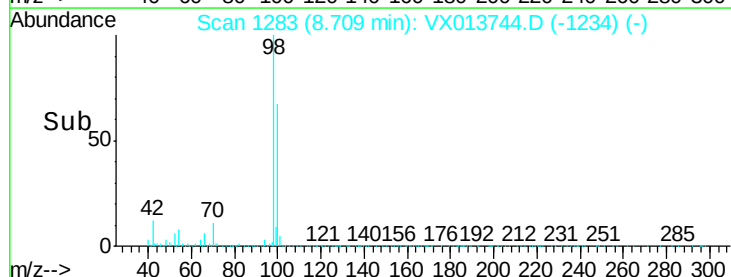
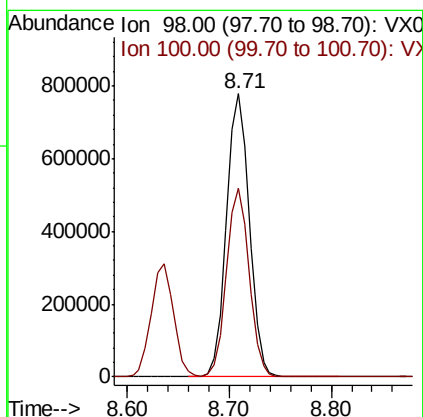
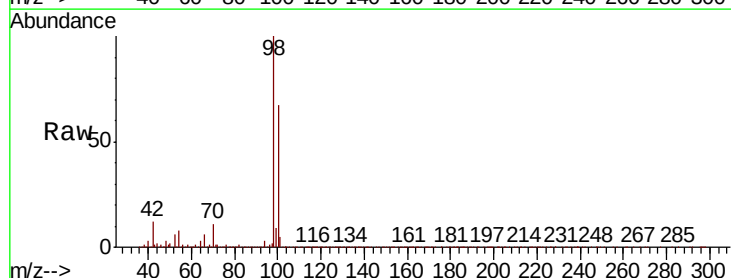
Acq: 04 Dec 2019 11:49

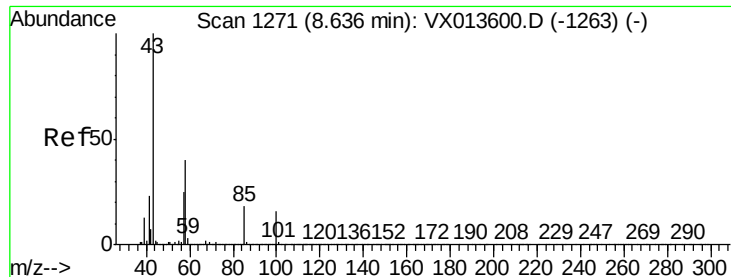
Tgt Ion: 98 Resp: 1201549

Ion Ratio Lower Upper

98 100

100 66.3 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 250.628 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX013744.D

Acq: 04 Dec 2019 11:49

Instrument :

MSVOA_X

ClientSampleId :

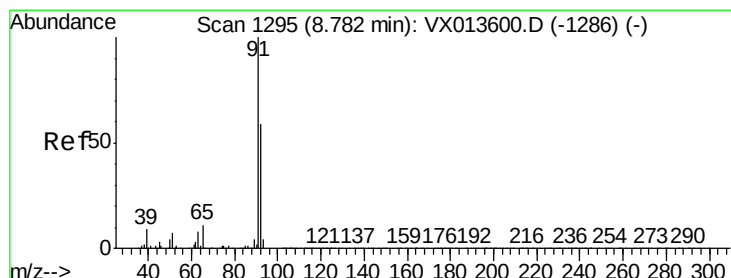
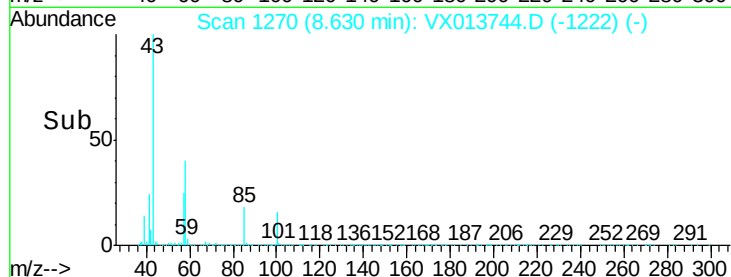
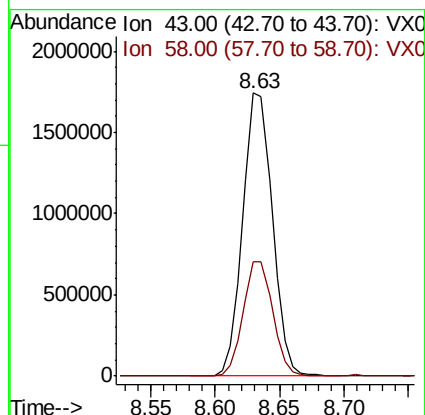
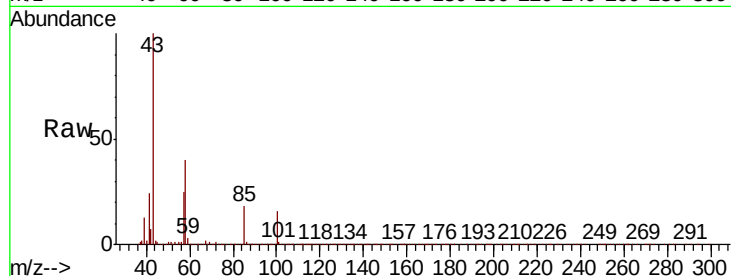
VSTDCCC050

Tot Ion: 43 Resp: 2777449

Ion Ratio Lower Upper

43 100

58 40.3 32.1 48.1



#52

Toluene

Concen: 51.635 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013744.D

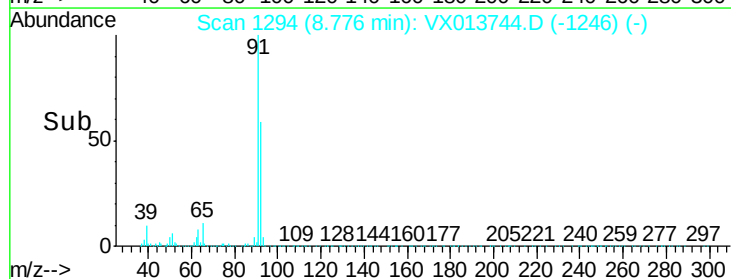
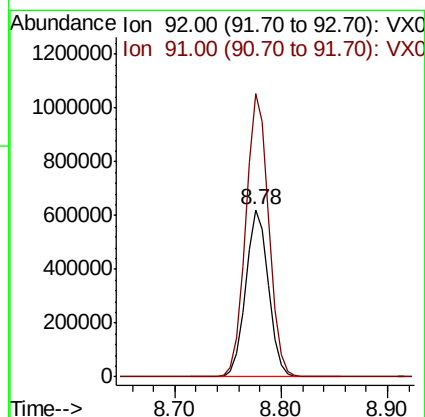
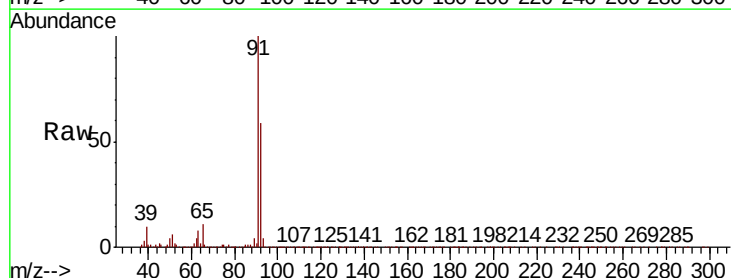
Acq: 04 Dec 2019 11:49

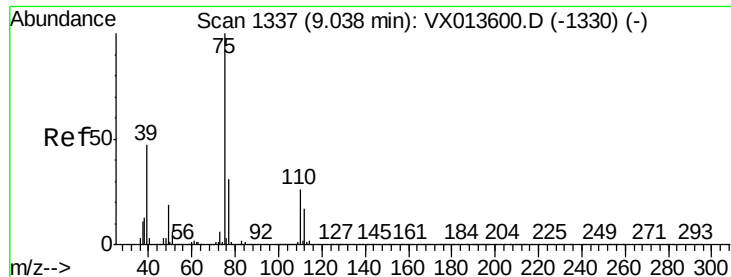
Tgt Ion: 92 Resp: 931937

Ion Ratio Lower Upper

92 100

91 171.0 136.2 204.2

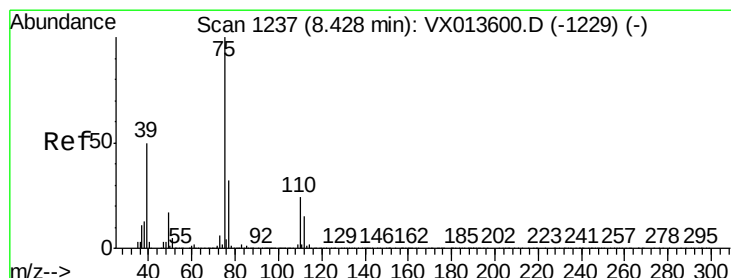
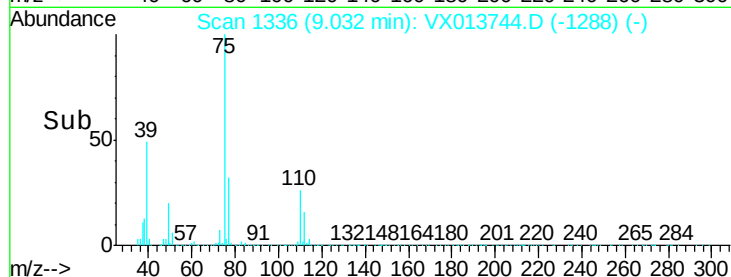
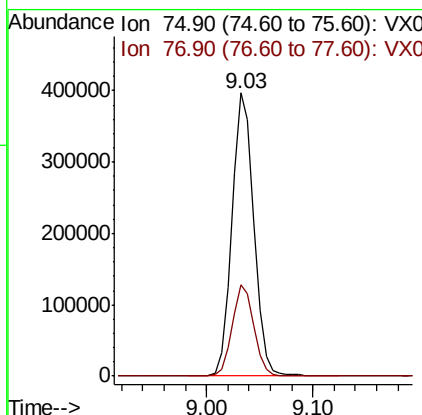
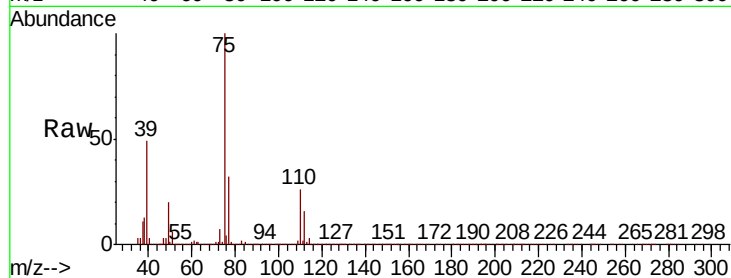




#53
t-1,3-Dichloropropene
Concen: 53.740 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX013744.D
Acq: 04 Dec 2019 11:49

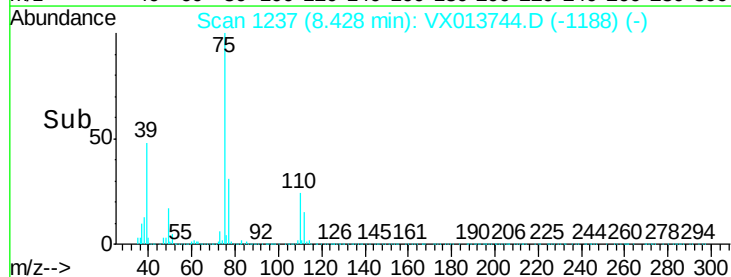
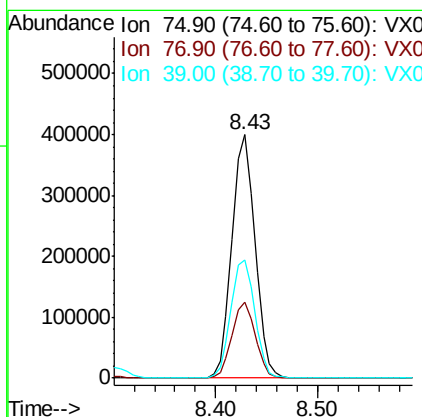
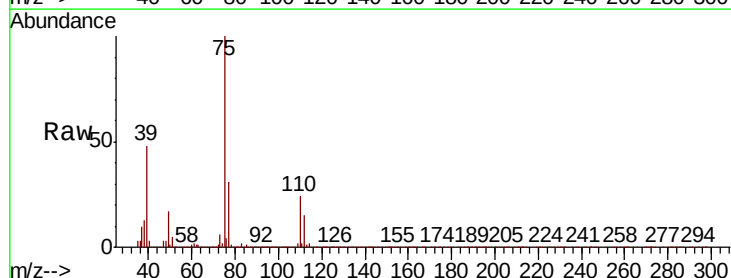
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

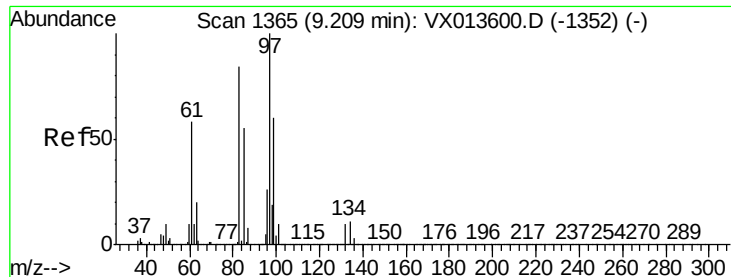
Tot Ion: 75 Resp: 570882
Ion Ratio Lower Upper
75 100
77 32.2 24.4 36.6



#54
cis-1,3-Dichloropropene
Concen: 53.938 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013744.D
Acq: 04 Dec 2019 11:49

Tgt Ion: 75 Resp: 626000
Ion Ratio Lower Upper
75 100
77 31.2 25.8 38.6
39 48.3 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 51.799 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX013744.D

Acq: 04 Dec 2019 11:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 376744

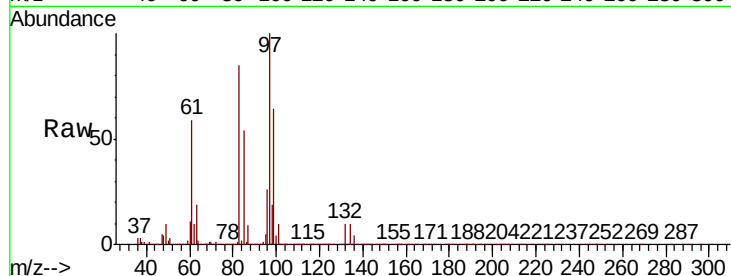
Ion Ratio Lower Upper

97 100

83 85.3 67.3 100.9

85 54.3 43.6 65.4

99 64.2 48.2 72.4

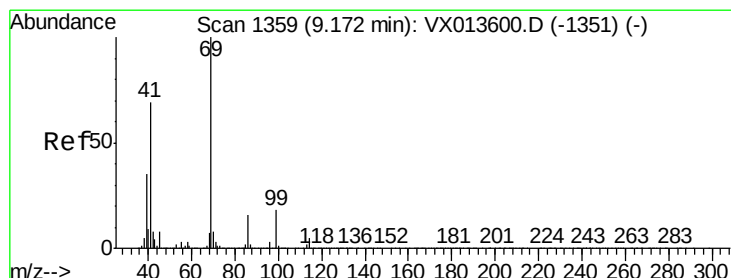
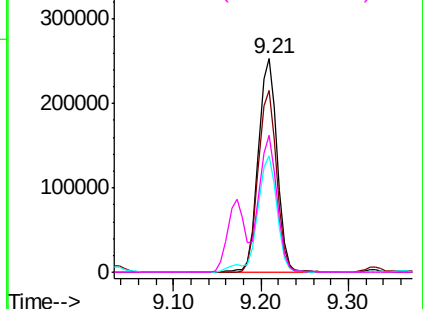
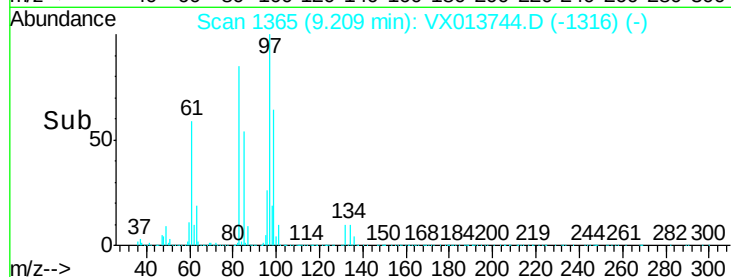


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 52.660 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013744.D

Acq: 04 Dec 2019 11:49

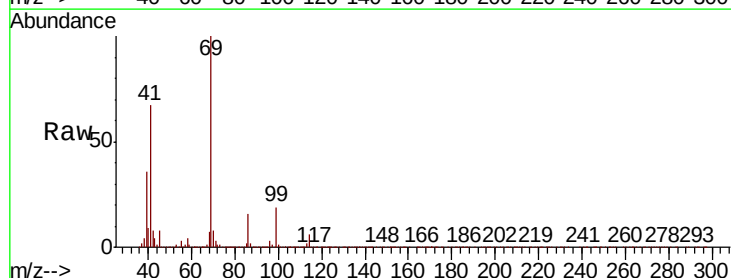
Tgt Ion: 69 Resp: 615785

Ion Ratio Lower Upper

69 100

41 67.8 55.0 82.4

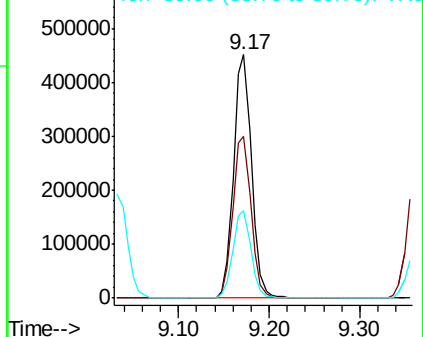
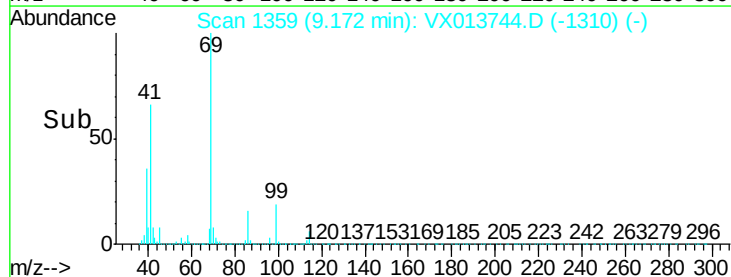
39 36.6 28.7 43.1

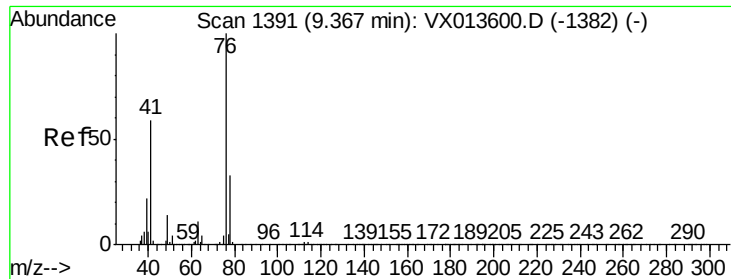


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 50.688 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX013744.D

Acq: 04 Dec 2019 11:49

Instrument :

MSVOA_X

ClientSampleId :

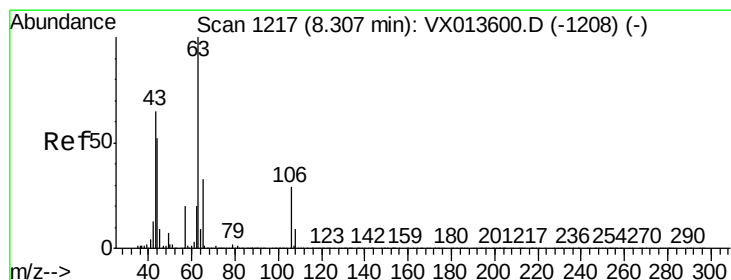
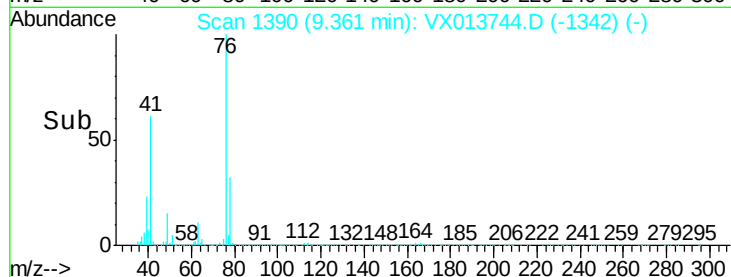
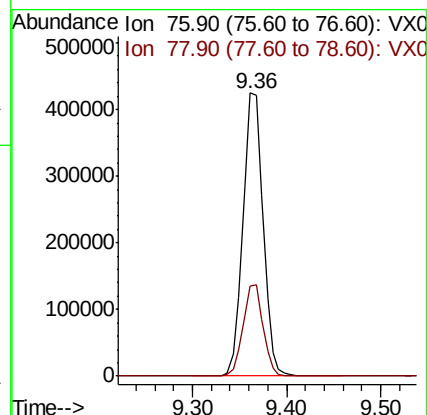
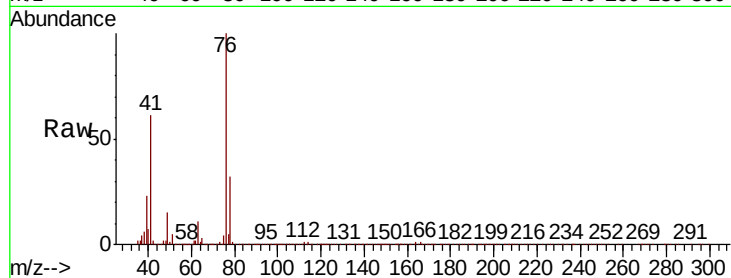
VSTDCCC050

Tot Ion: 76 Resp: 635465

Ion Ratio Lower Upper

76 100

78 31.9 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 291.212 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX013744.D

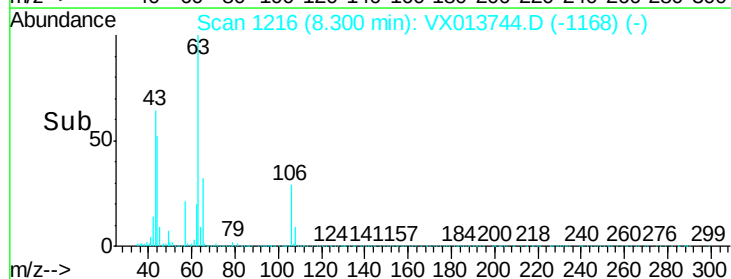
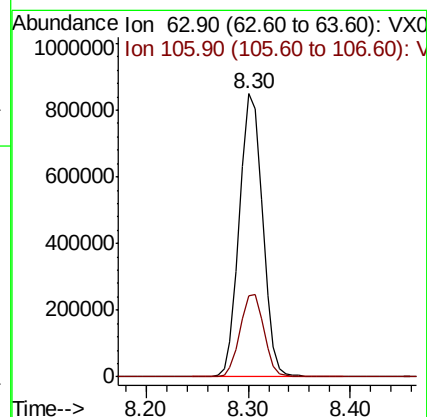
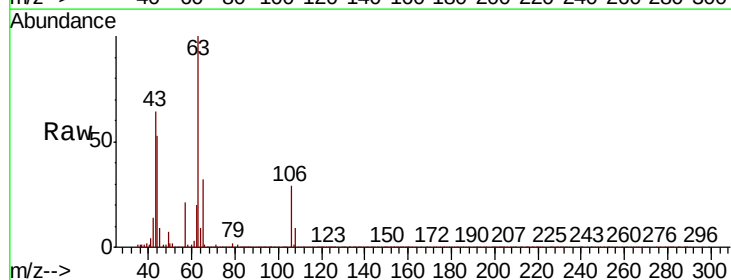
Acq: 04 Dec 2019 11:49

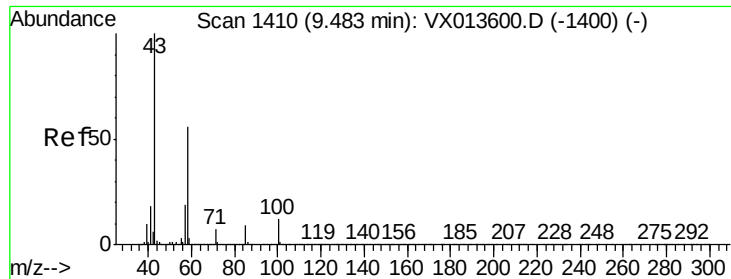
Tgt Ion: 63 Resp: 1335133

Ion Ratio Lower Upper

63 100

106 29.8 23.4 35.0

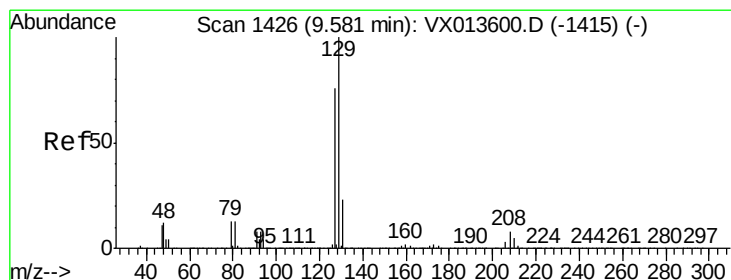
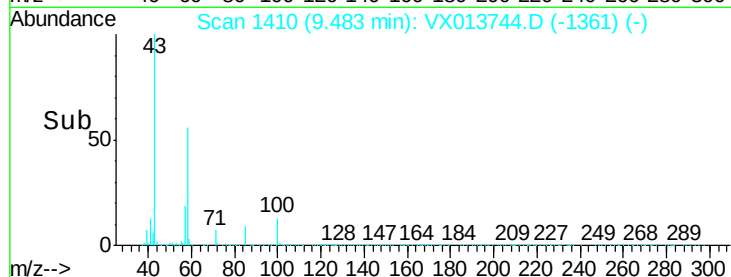
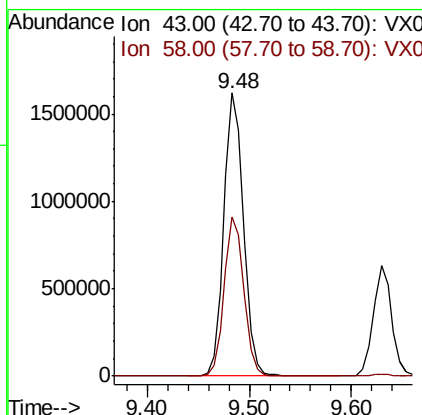
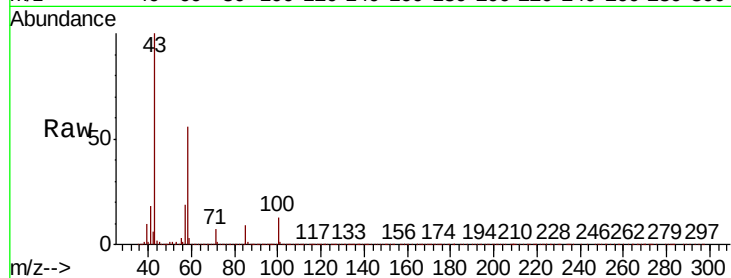




#59
2-Hexanone
Concen: 250.757 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX013744.D
Acq: 04 Dec 2019 11:49

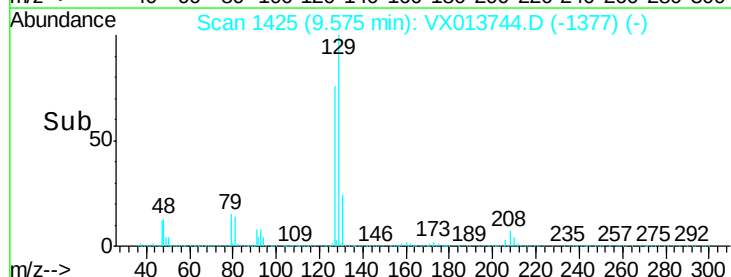
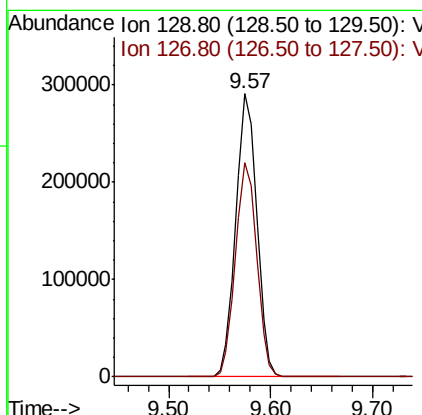
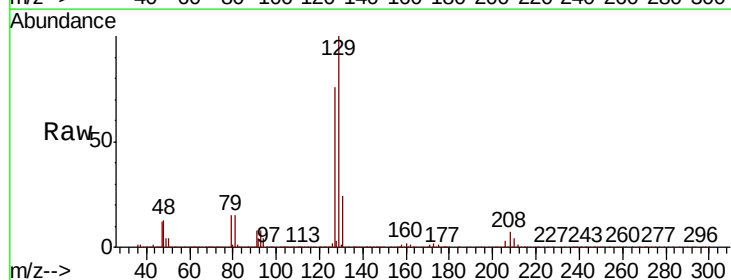
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

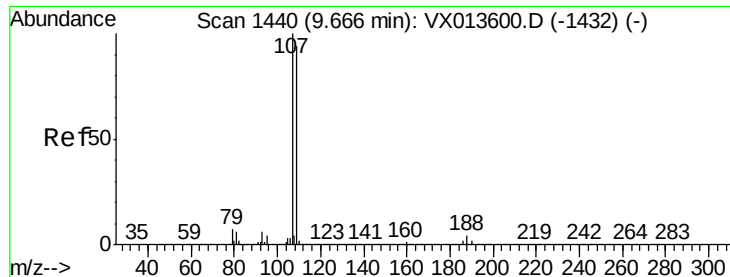
Tot Ion: 43 Resp: 2167313
Ion Ratio Lower Upper
43 100
58 56.1 28.1 84.4



#60
Dibromochloromethane
Concen: 54.865 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013744.D
Acq: 04 Dec 2019 11:49

Tgt Ion: 129 Resp: 414127
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5

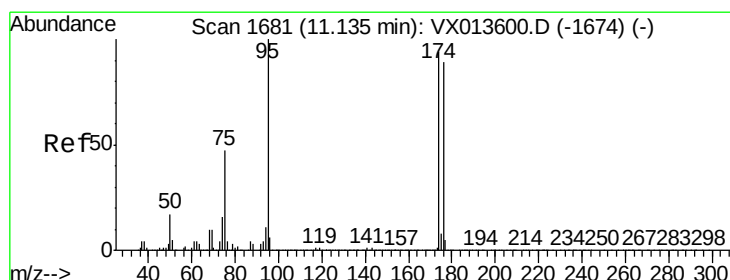
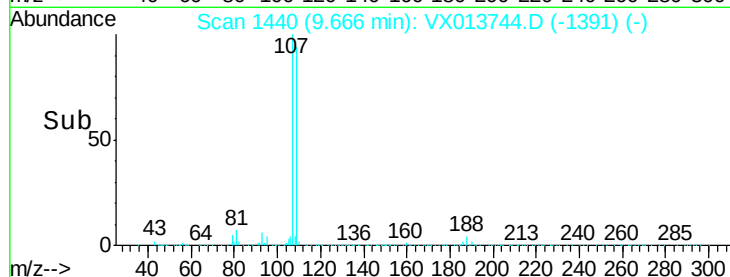
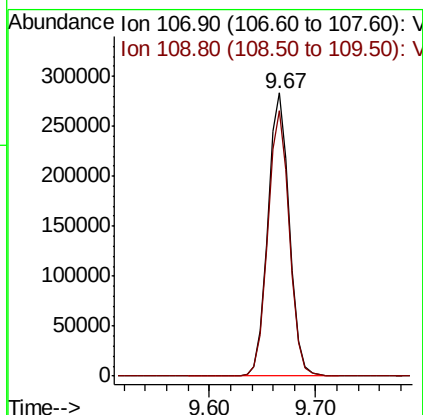
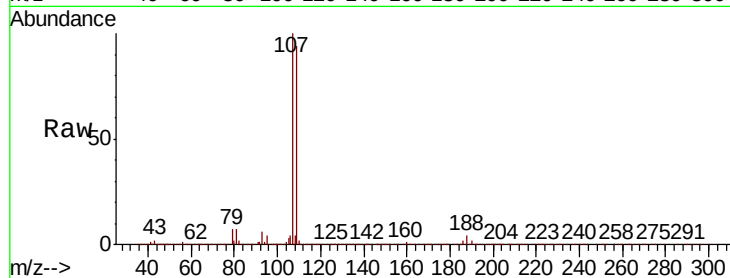




#61
 1,2-Dibromoethane
 Concen: 51.311 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX013744.D
 Acq: 04 Dec 2019 11:49

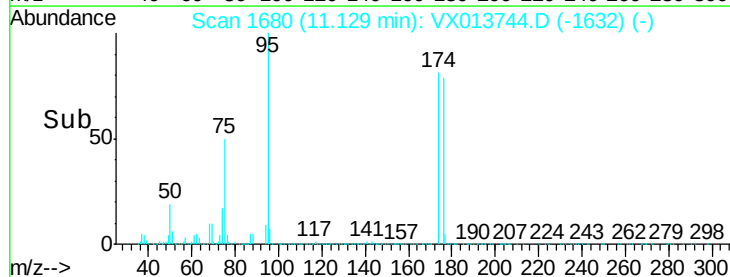
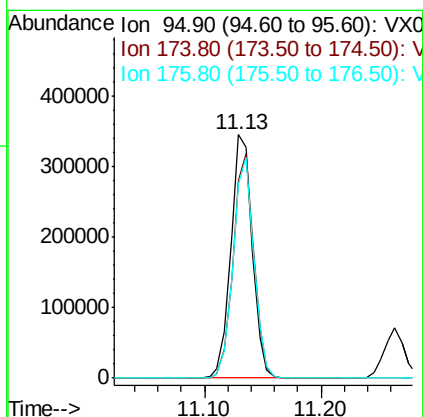
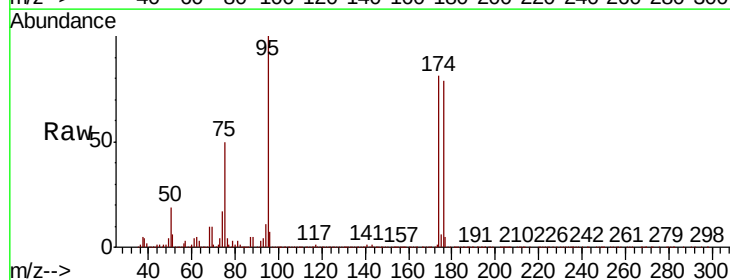
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

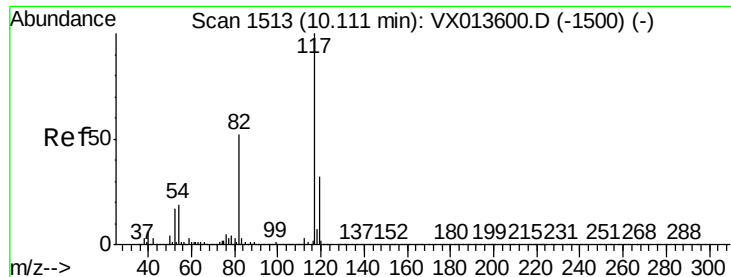
Tot Ion: 107 Resp: 398588
 Ion Ratio Lower Upper
 107 100
 109 94.3 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 48.451 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: VX013744.D
 Acq: 04 Dec 2019 11:49

Tgt Ion: 95 Resp: 442216
 Ion Ratio Lower Upper
 95 100
 174 89.4 0.0 180.0
 176 88.2 0.0 173.6

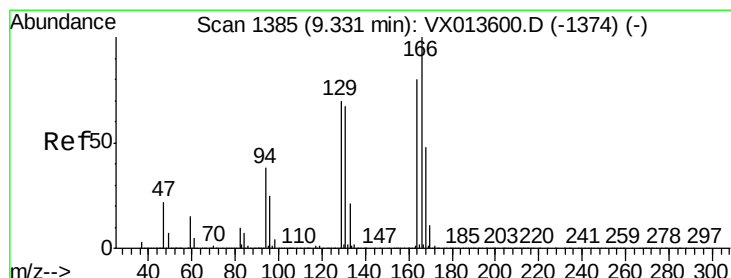
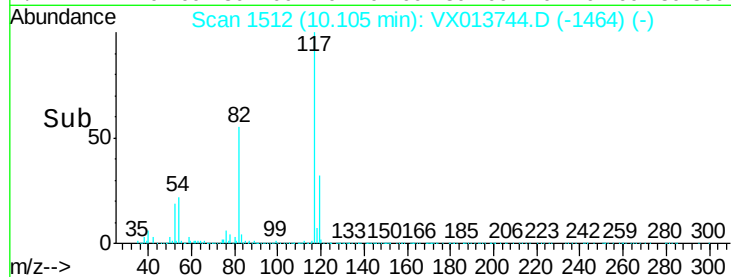
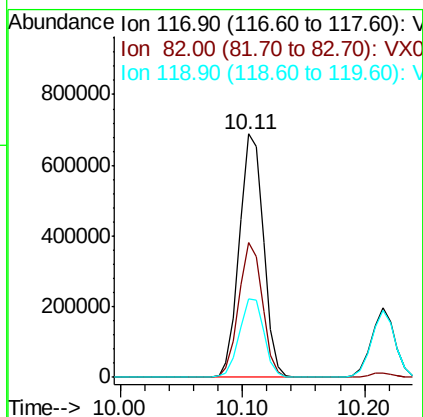
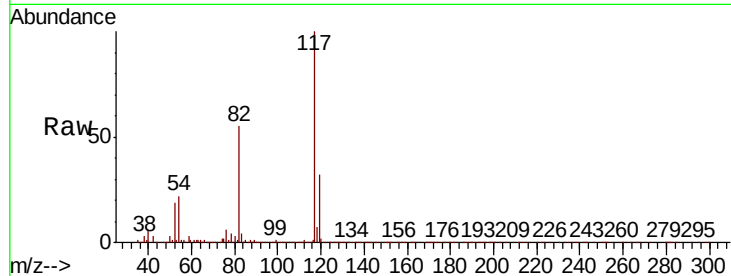




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013744.D
Acq: 04 Dec 2019 11:49

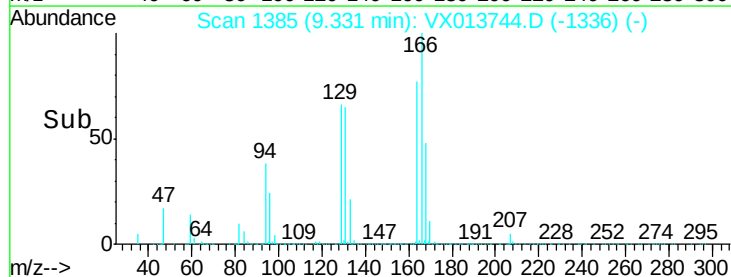
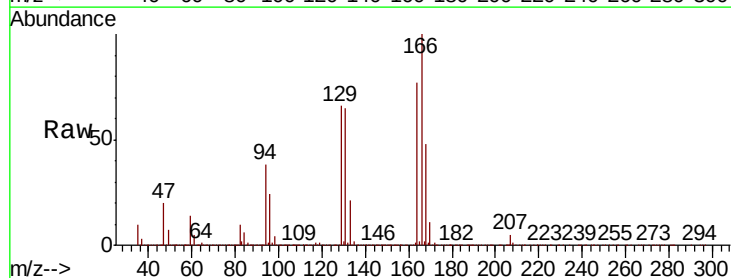
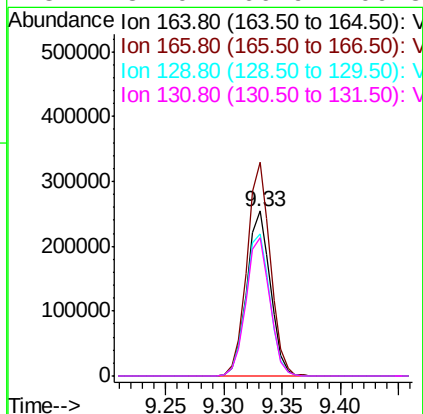
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

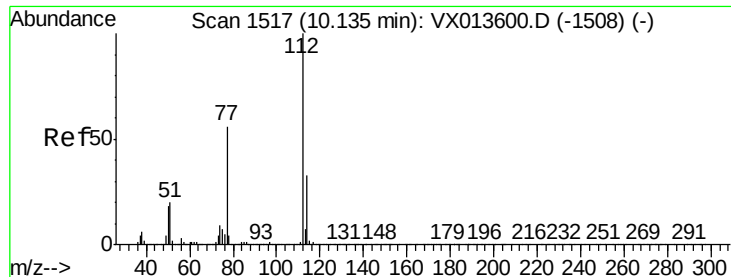
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.4	41.8	62.8
119	32.4	25.8	38.8



#64
Tetrachloroethene
Concen: 51.892 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013744.D
Acq: 04 Dec 2019 11:49

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.6	99.7	149.5
129	86.0	70.1	105.1
131	84.0	66.9	100.3





#65

Chlorobenzene

Concen: 51.563 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013744.D

Acq: 04 Dec 2019 11:49

Instrument :

MSVOA_X

ClientSampleId :

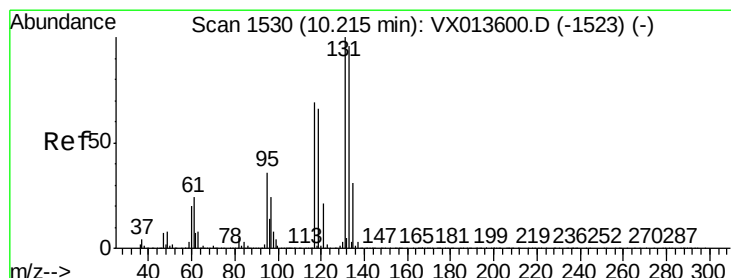
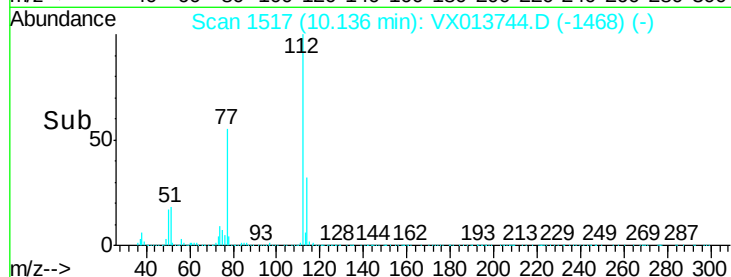
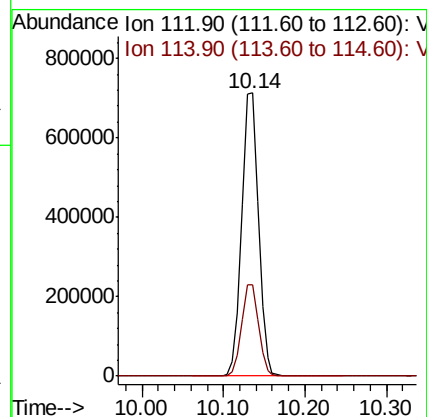
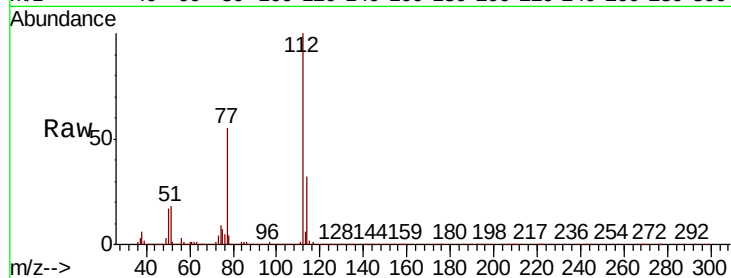
VSTDCCC050

Tot Ion:112 Resp: 1002448

Ion Ratio Lower Upper

112 100

114 32.4 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 54.080 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013744.D

Acq: 04 Dec 2019 11:49

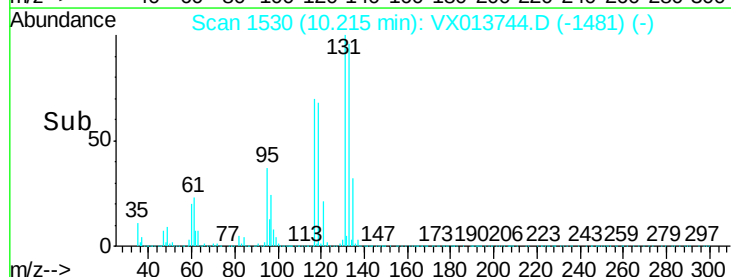
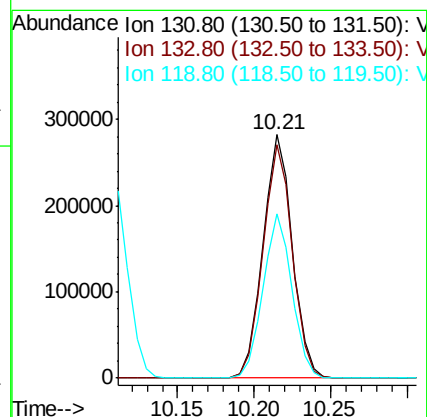
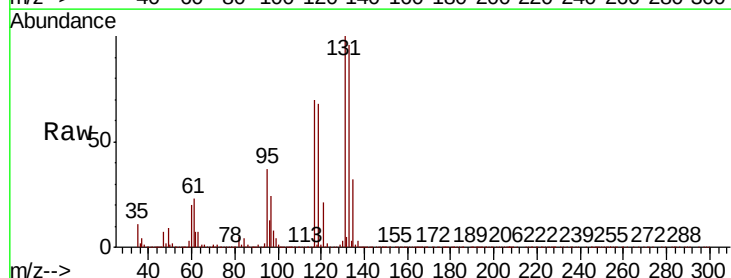
Tgt Ion:131 Resp: 377544

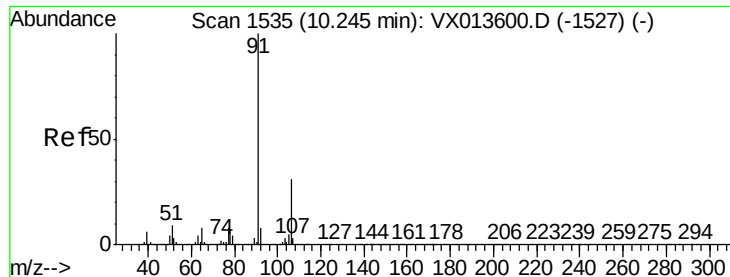
Ion Ratio Lower Upper

131 100

133 95.9 47.7 143.1

119 66.7 32.9 98.6





#67

Ethyl Benzene

Concen: 53.124 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013744.D

Acq: 04 Dec 2019 11:49

Instrument :

MSVOA_X

ClientSampleId :

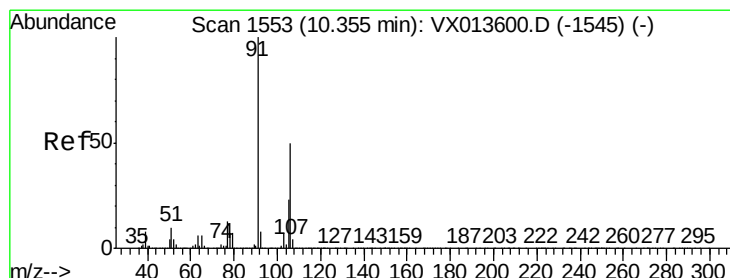
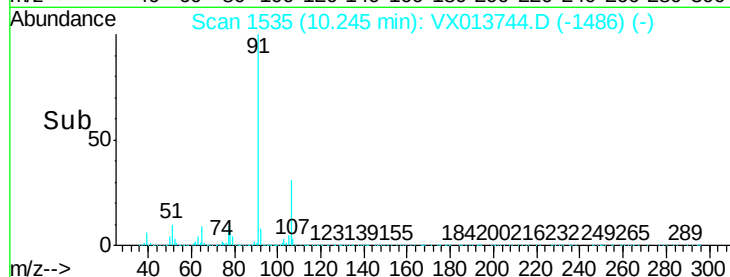
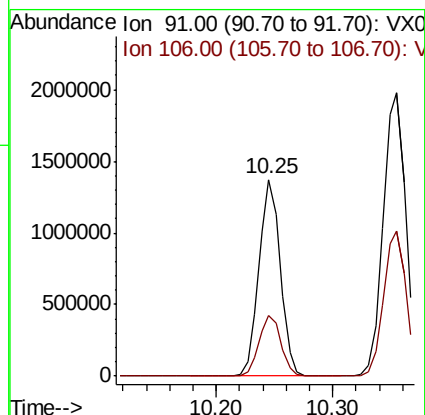
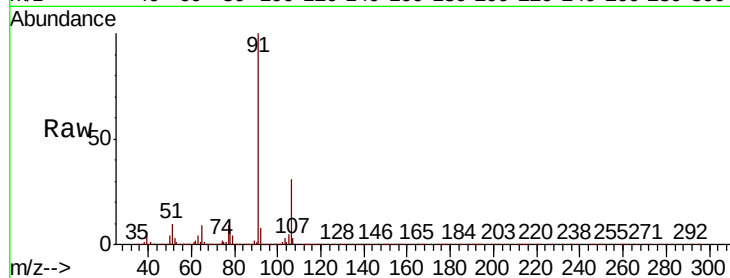
VSTDCCC050

Tot Ion: 91 Resp: 1774741

Ion Ratio Lower Upper

91 100

106 31.0 24.5 36.7



#68

m/p-Xylenes

Concen: 106.725 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013744.D

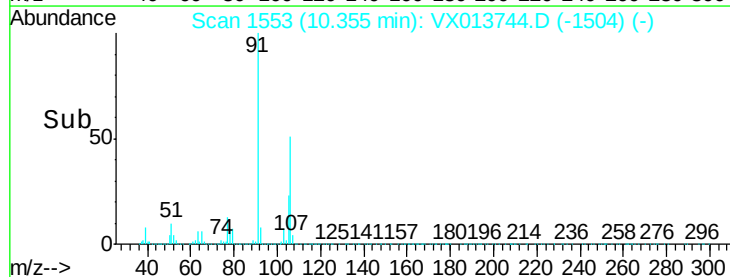
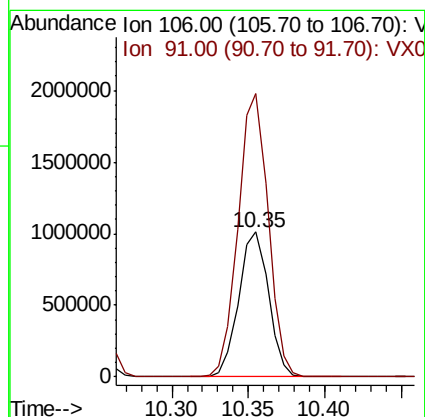
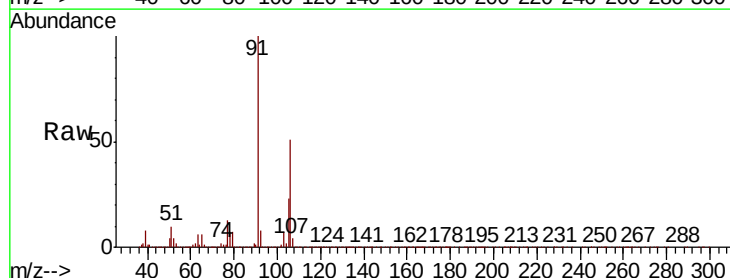
Acq: 04 Dec 2019 11:49

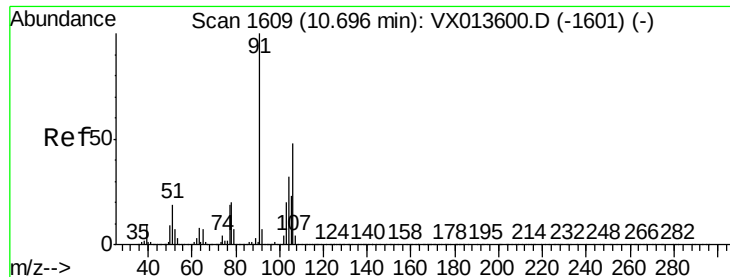
Tgt Ion: 106 Resp: 1365050

Ion Ratio Lower Upper

106 100

91 197.3 159.0 238.4

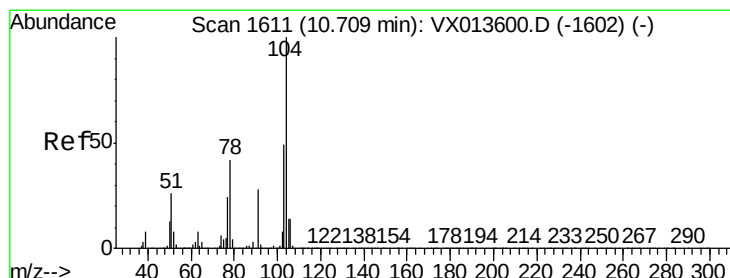
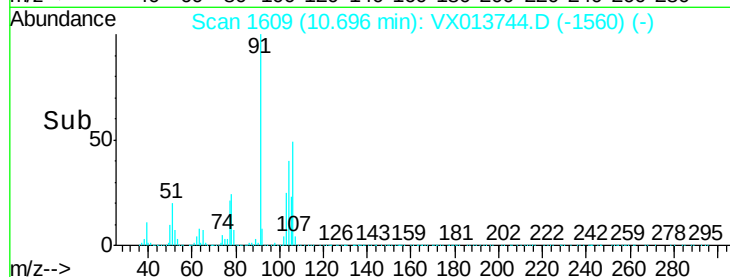
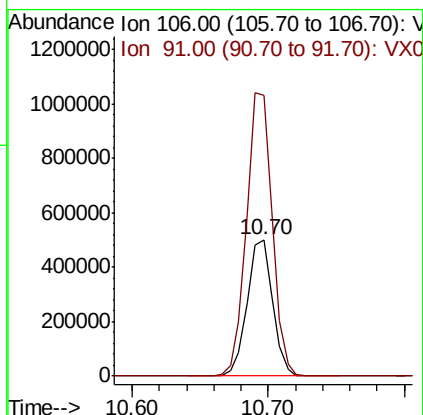
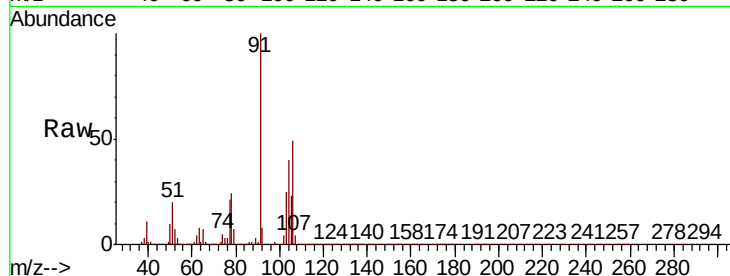




#69
o-Xylene
Concen: 52.986 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013744.D
Acq: 04 Dec 2019 11:49

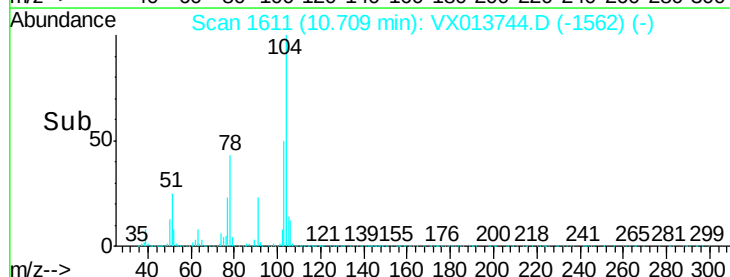
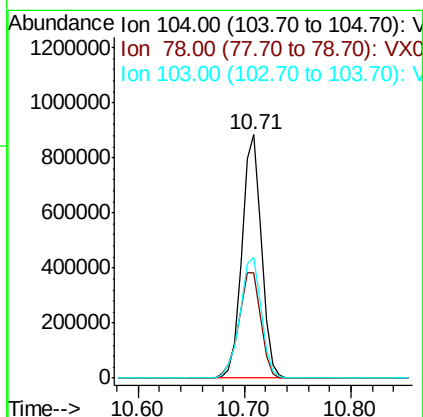
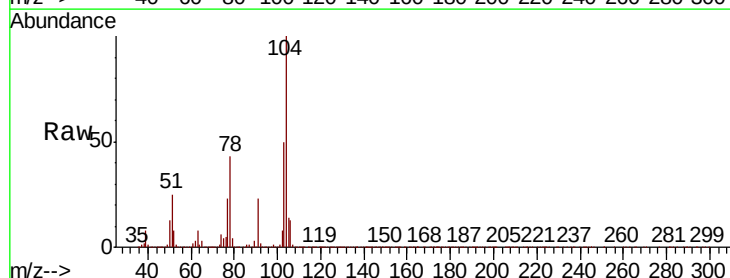
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

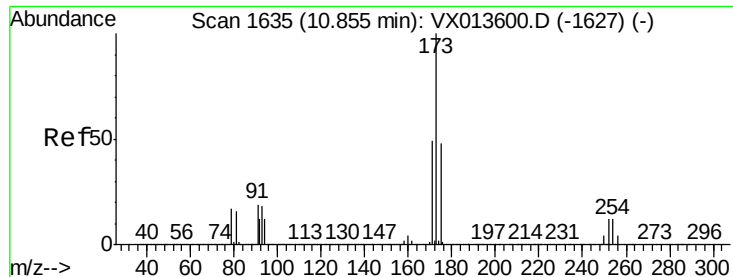
Tot Ion:106 Resp: 660967
Ion Ratio Lower Upper
106 100
91 209.5 104.1 312.2



#70
Styrene
Concen: 54.058 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013744.D
Acq: 04 Dec 2019 11:49

Tgt Ion:104 Resp: 1134357
Ion Ratio Lower Upper
104 100
78 49.4 38.5 57.7
103 54.7 43.7 65.5





#71

Bromoform

Concen: 57.118 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX013744.D

Acq: 04 Dec 2019 11:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

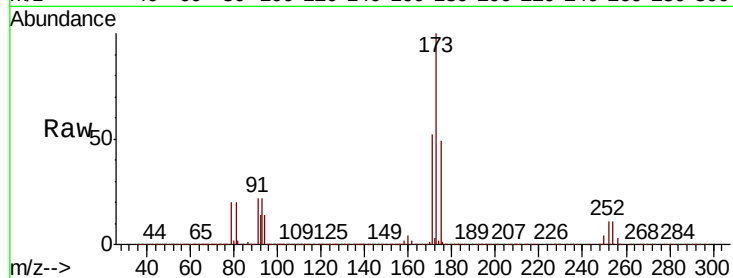
Tot Ion:173 Resp: 329936

Ion Ratio Lower Upper

173 100

175 48.8 24.3 72.8

254 0.2 0.2 0.4#

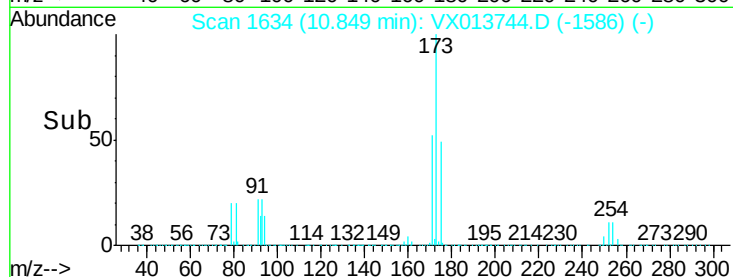


Abundance Ion 172.70 (172.40 to 173.40): V

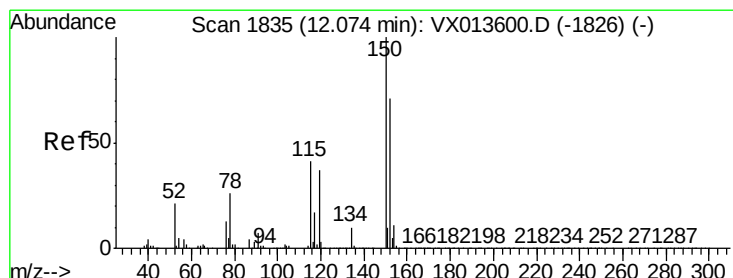
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V

Time-->



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013744.D

Acq: 04 Dec 2019 11:49

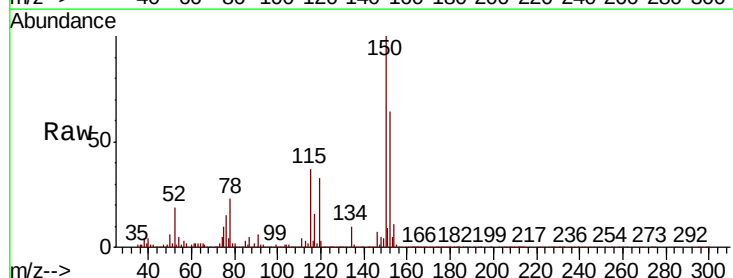
Tgt Ion:152 Resp: 479039

Ion Ratio Lower Upper

152 100

115 80.1 38.4 115.1

150 174.4 0.0 346.8

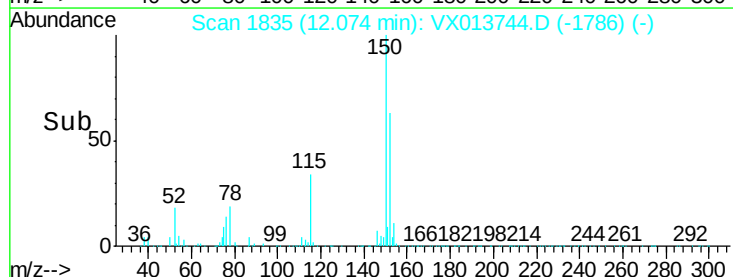


Abundance Ion 151.90 (151.60 to 152.60): V

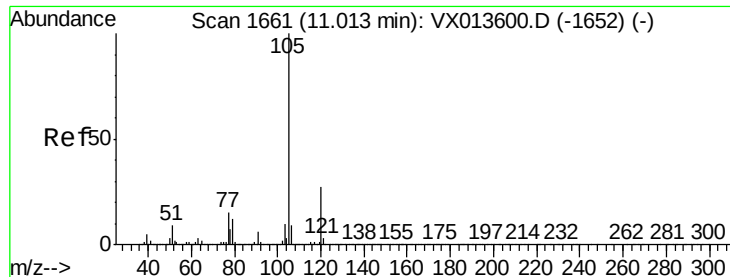
Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

Time-->



Time-->



#73

Isopropylbenzene

Concen: 52.287 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013744.D

Acq: 04 Dec 2019 11:49

Instrument :

MSVOA_X

ClientSampleId :

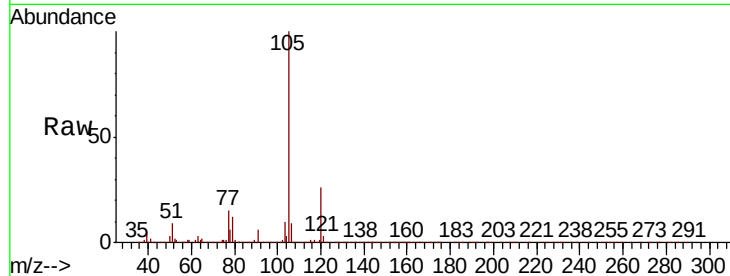
VSTDCCC050

Tot Ion:105 Resp: 1756976

Ion Ratio Lower Upper

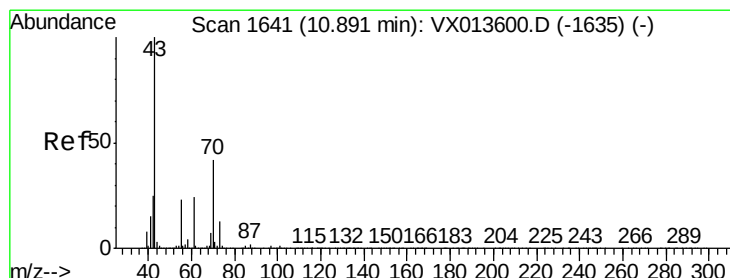
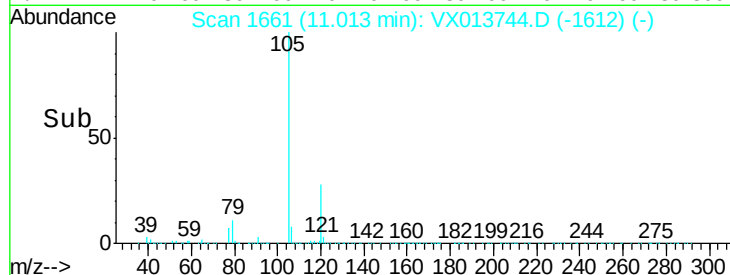
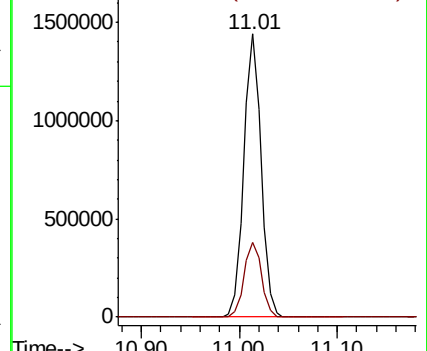
105 100

120 26.8 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.570 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013744.D

Acq: 04 Dec 2019 11:49

Tgt Ion: 43 Resp: 809205

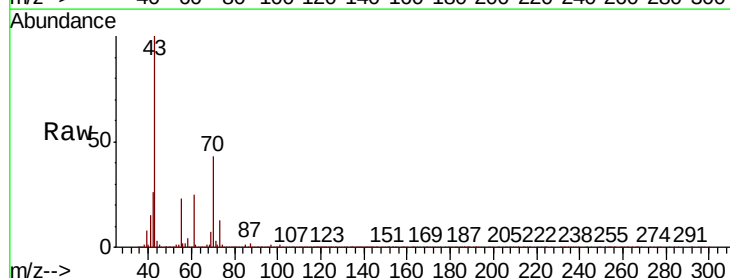
Ion Ratio Lower Upper

43 100

70 43.5 34.3 51.5

55 23.2 18.5 27.7

61 24.9 19.8 29.8

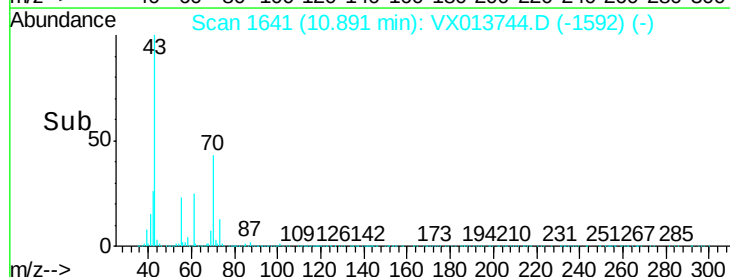
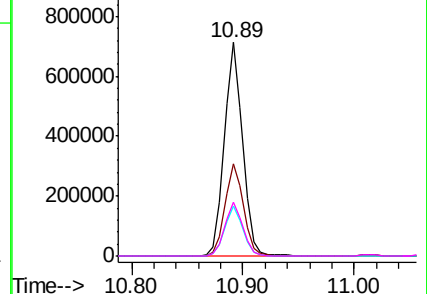


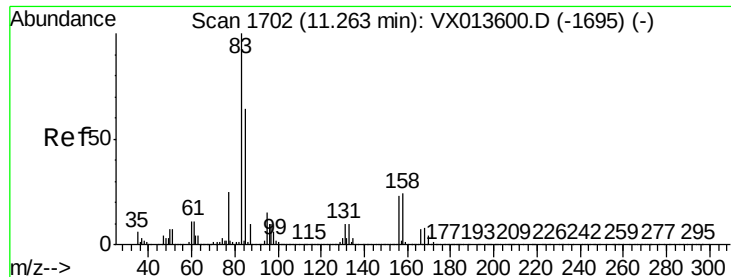
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 50.789 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013744.D

Acq: 04 Dec 2019 11:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

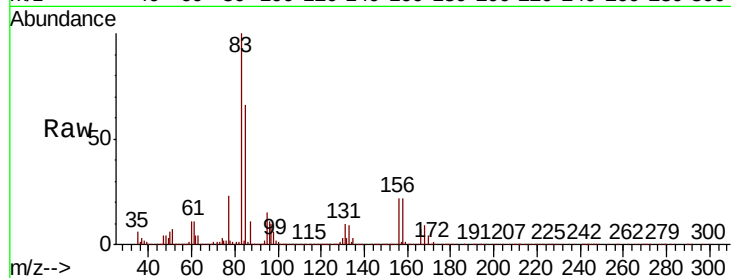
Tot Ion: 83 Resp: 591858

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.3

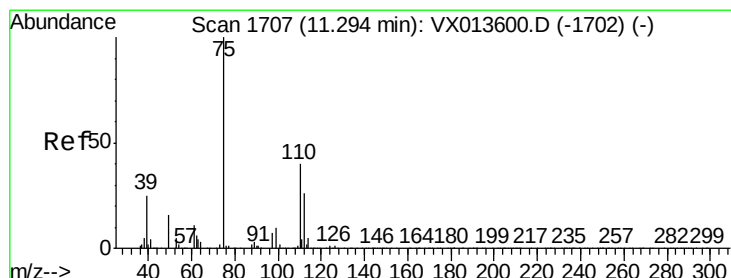
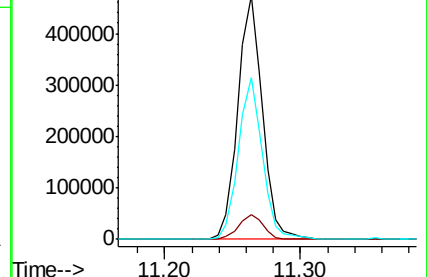
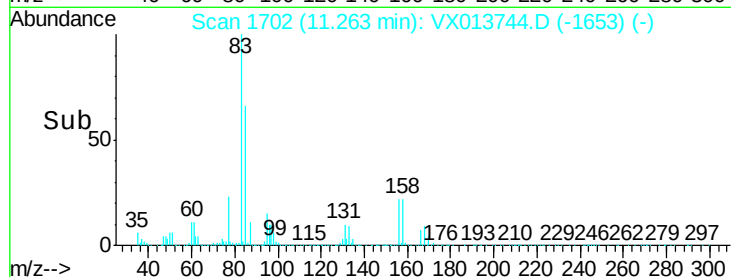
85 65.4 31.8 95.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 63.829 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX013744.D

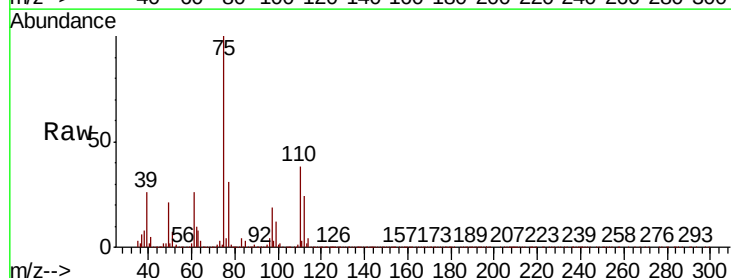
Acq: 04 Dec 2019 11:49

Tgt Ion: 75 Resp: 687723

Ion Ratio Lower Upper

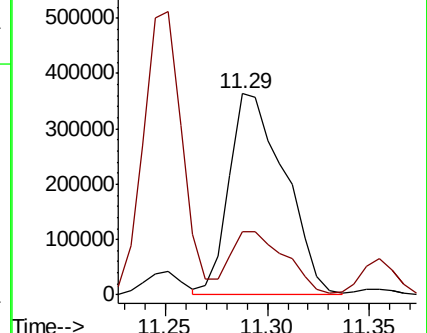
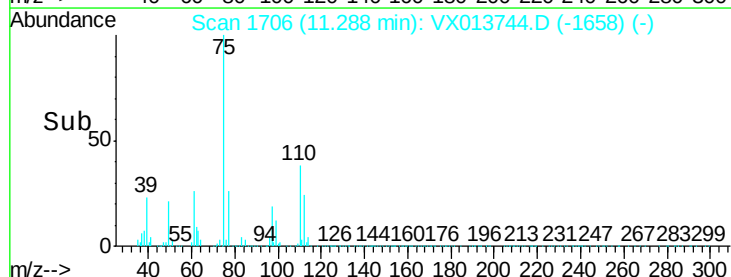
75 100

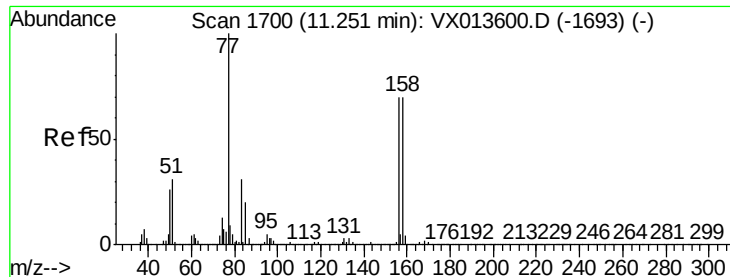
77 30.6 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.348 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013744.D

Acq: 04 Dec 2019 11:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

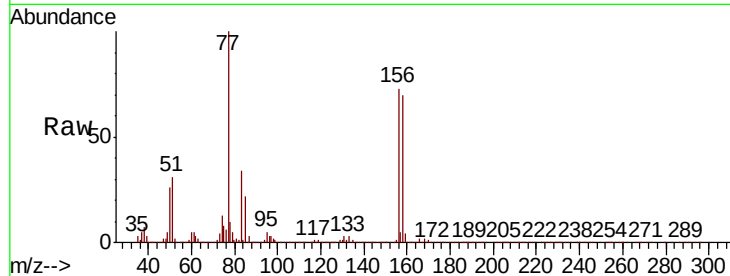
Tot Ion:156 Resp: 466134

Ion Ratio Lower Upper

156 100

77 146.1 74.4 223.1

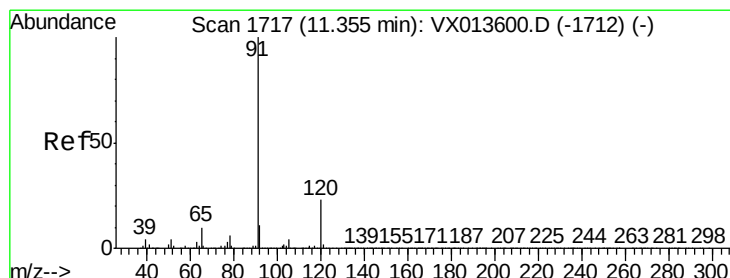
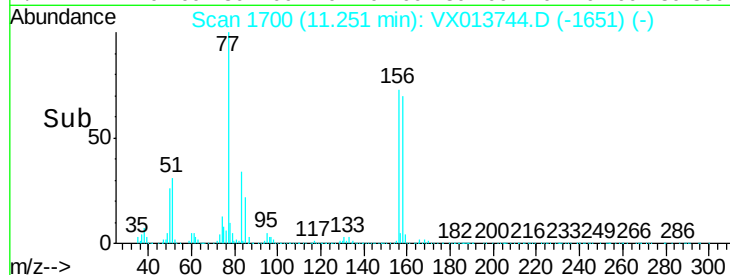
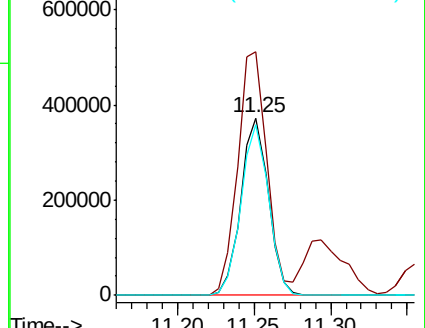
158 96.6 48.9 146.6



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: 53.333 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013744.D

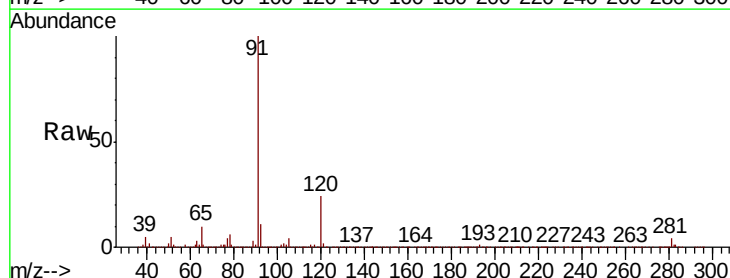
Acq: 04 Dec 2019 11:49

Tgt Ion: 91 Resp: 2000593

Ion Ratio Lower Upper

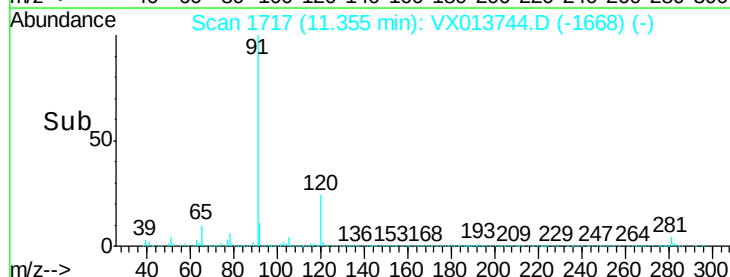
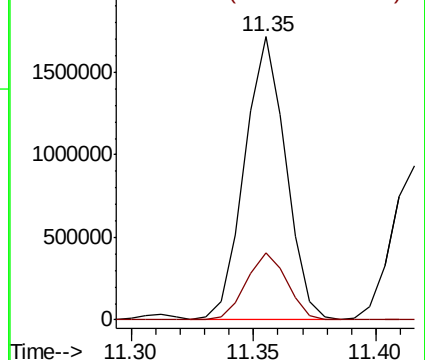
91 100

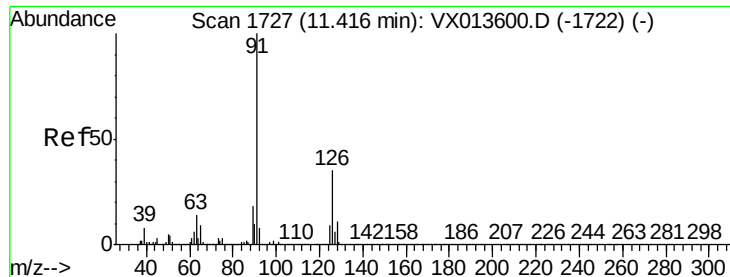
120 23.8 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.771 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013744.D

Acq: 04 Dec 2019 11:49

Instrument :

MSVOA_X

ClientSampleId :

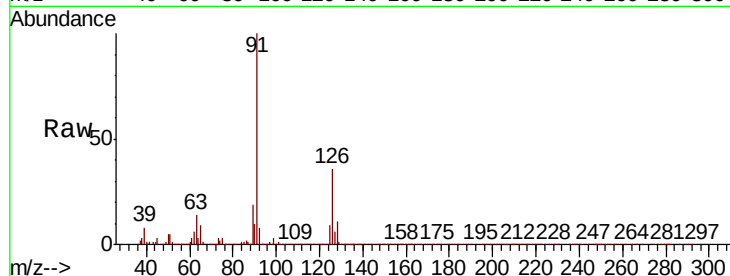
VSTDCCC050

Tot Ion: 91 Resp: 1164934

Ion Ratio Lower Upper

91 100

126 35.6 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VX013600.D (-1722) (-)

Ion 125.90 (125.60 to 126.60): VX013600.D (-1722) (-)

2000000

1500000

1000000

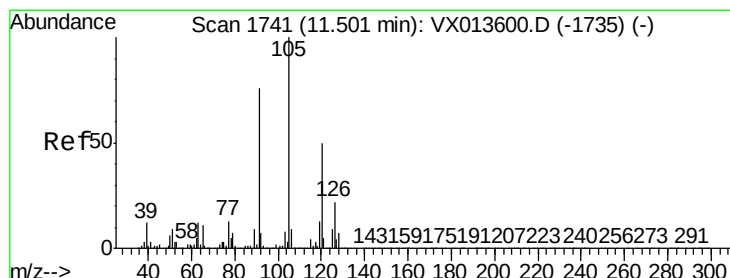
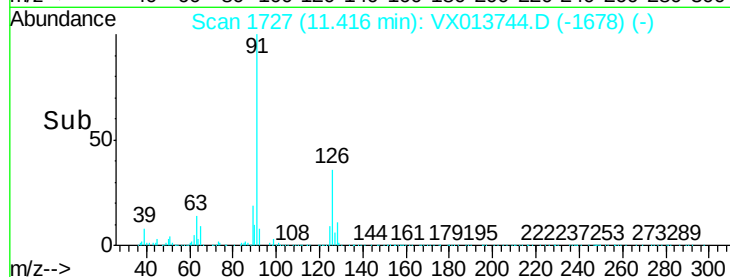
500000

0

11.42

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 53.951 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013744.D

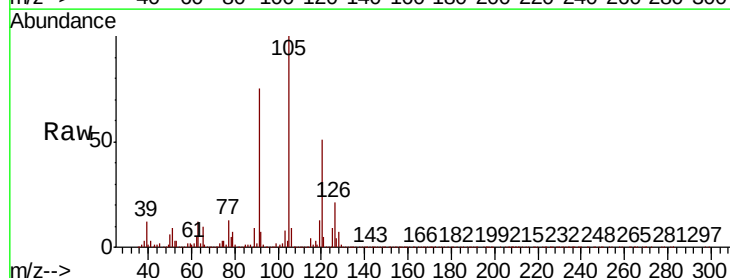
Acq: 04 Dec 2019 11:49

Tgt Ion: 105 Resp: 1485835

Ion Ratio Lower Upper

105 100

120 50.7 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VX013600.D (-1735) (-)

Ion 120.00 (119.70 to 120.70): VX013600.D (-1735) (-)

1500000

1000000

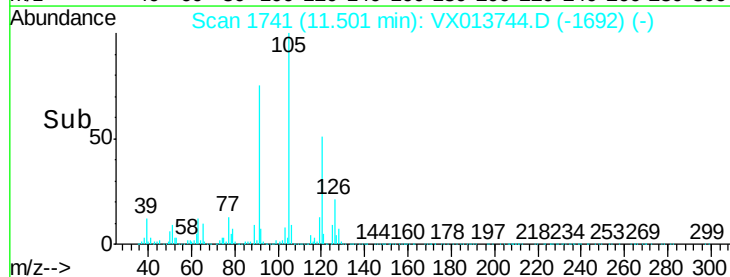
500000

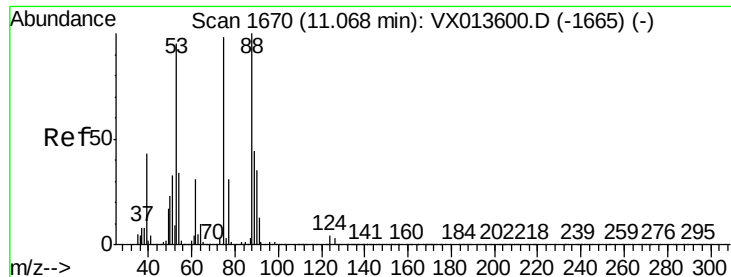
0

11.50

11.55

Time-->

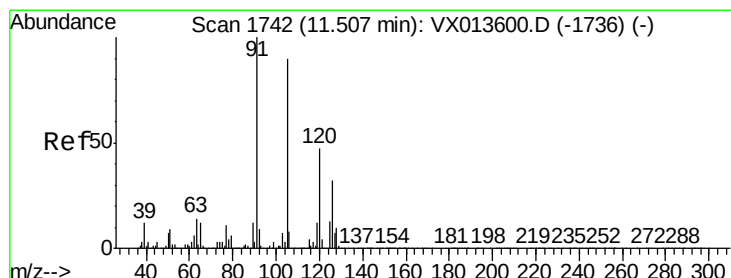
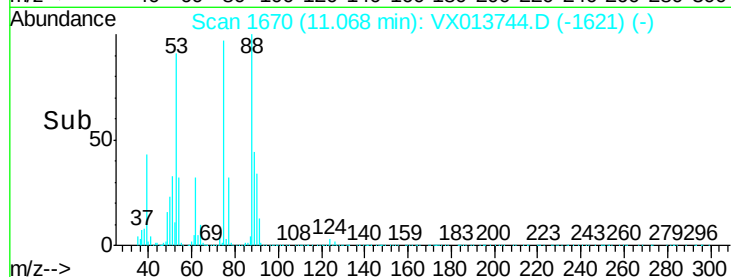
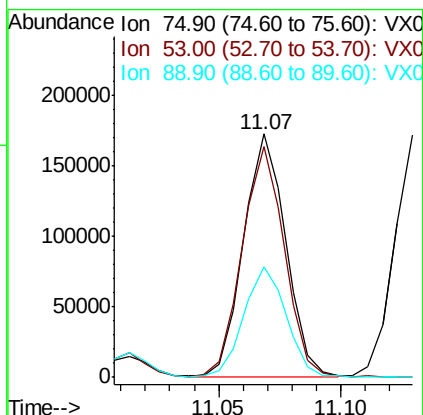
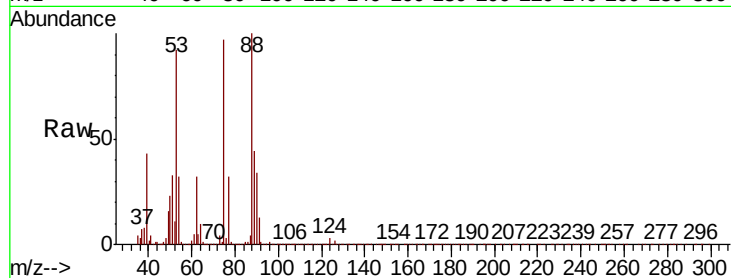




#81
trans-1,4-Dichloro-2-butene
Concen: 52.769 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013744.D
Acq: 04 Dec 2019 11:49

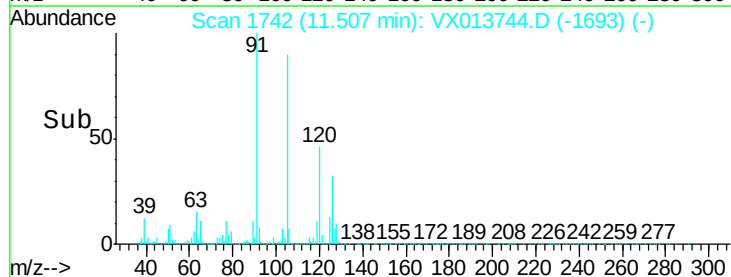
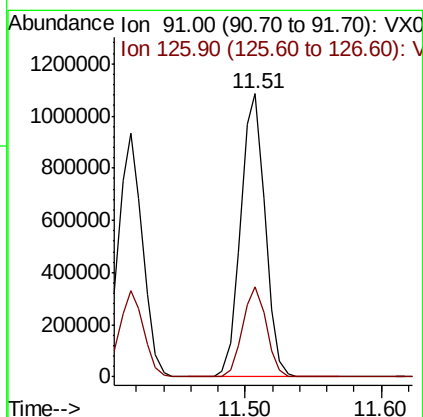
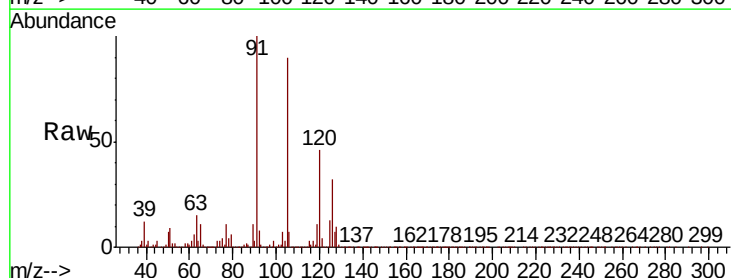
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

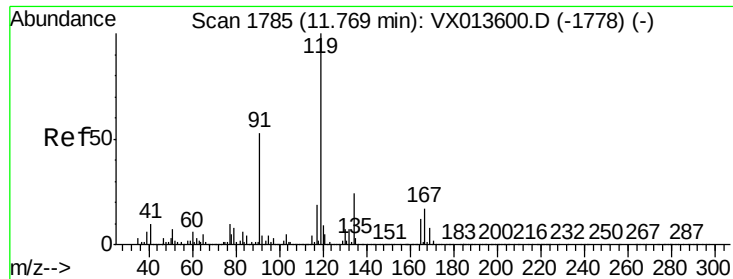
Tot Ion: 75 Resp: 207818
Ion Ratio Lower Upper
75 100
53 94.8 78.2 117.2
89 46.0 35.4 53.2



#82
4-Chlorotoluene
Concen: 51.978 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013744.D
Acq: 04 Dec 2019 11:49

Tgt Ion: 91 Resp: 1354662
Ion Ratio Lower Upper
91 100
126 31.1 15.7 47.0





#83

tert-Butylbenzene

Concen: 53.993 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX013744.D

Acq: 04 Dec 2019 11:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

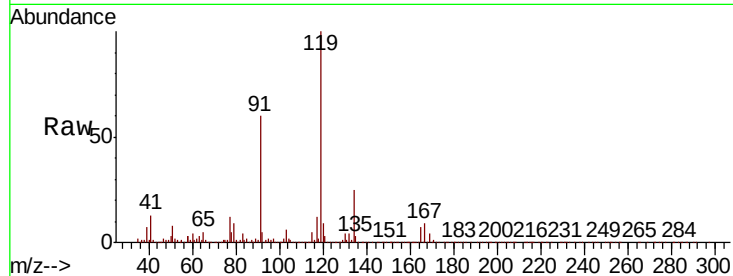
Tot Ion:119 Resp: 1511212

Ion Ratio Lower Upper

119 100

91 53.6 27.2 81.6

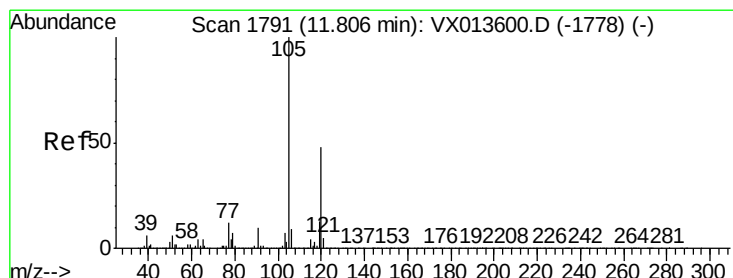
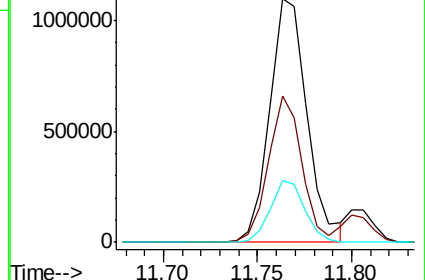
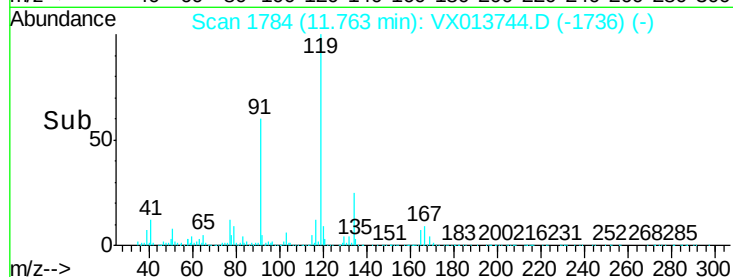
134 23.3 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 53.484 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.01 min

Lab File: VX013744.D

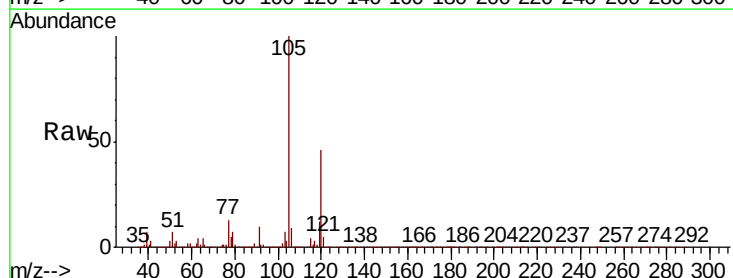
Acq: 04 Dec 2019 11:49

Tgt Ion:105 Resp: 1494923

Ion Ratio Lower Upper

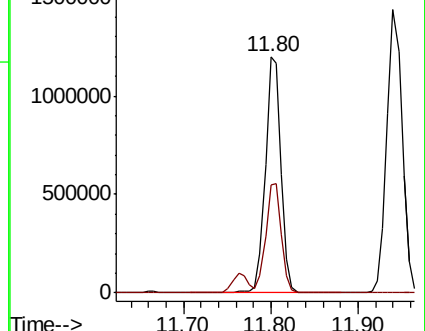
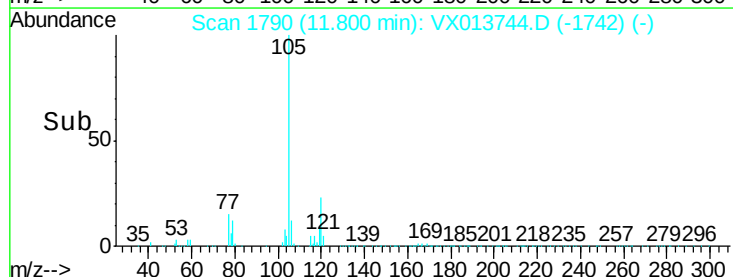
105 100

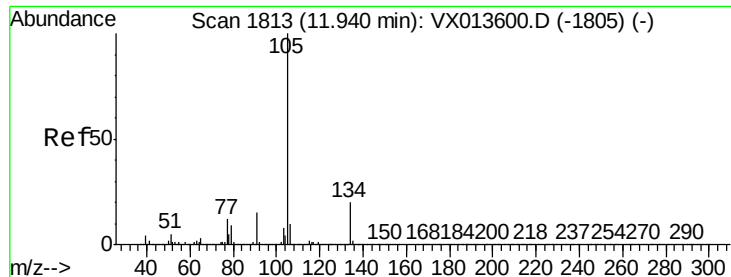
120 46.1 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 54.339 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013744.D

Acq: 04 Dec 2019 11:49

Instrument :

MSVOA_X

ClientSampleId :

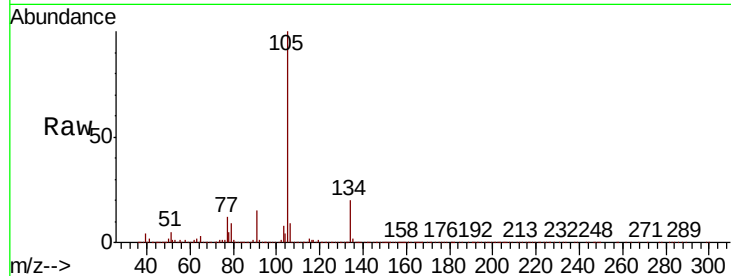
VSTDCCC050

Tot Ion:105 Resp: 1737207

Ion Ratio Lower Upper

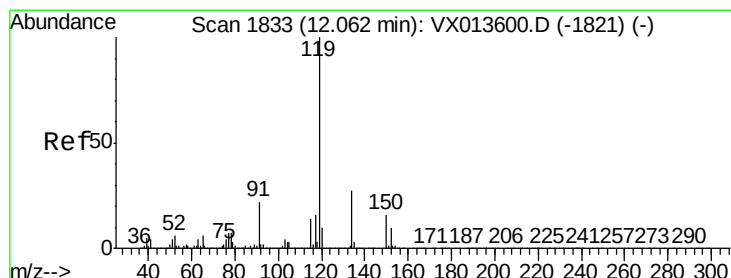
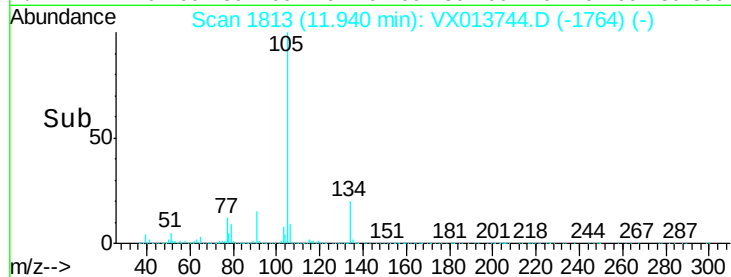
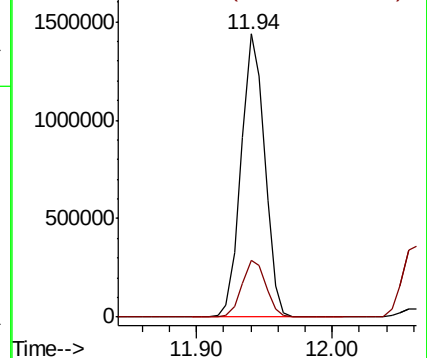
105 100

134 20.7 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.251 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013744.D

Acq: 04 Dec 2019 11:49

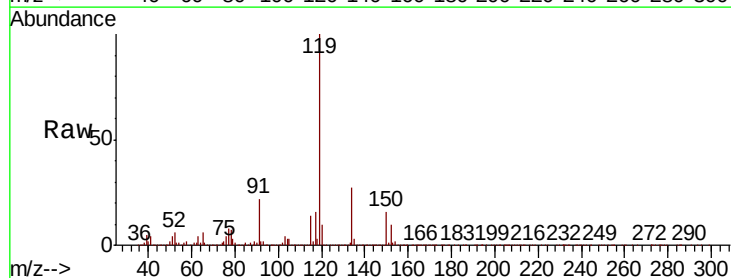
Tgt Ion:119 Resp: 1613494

Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.9

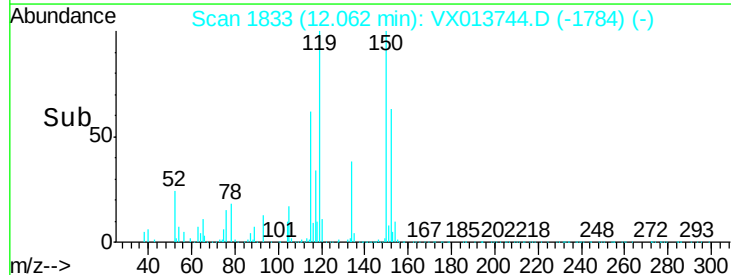
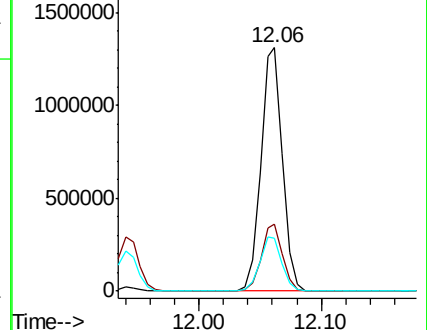
91 22.4 11.3 33.8

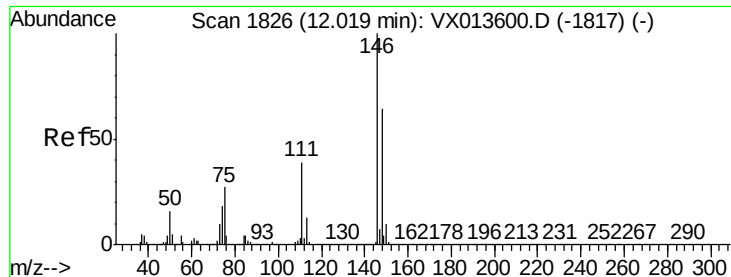


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

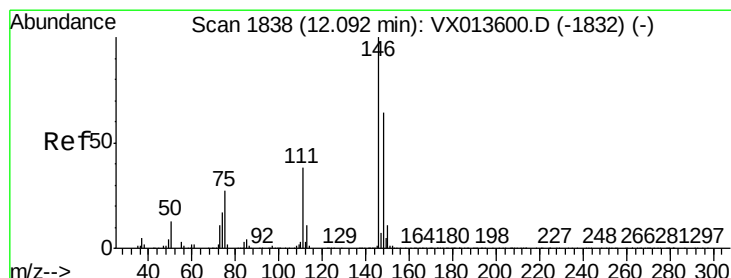
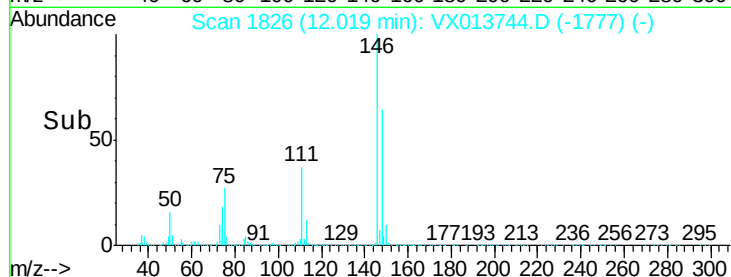
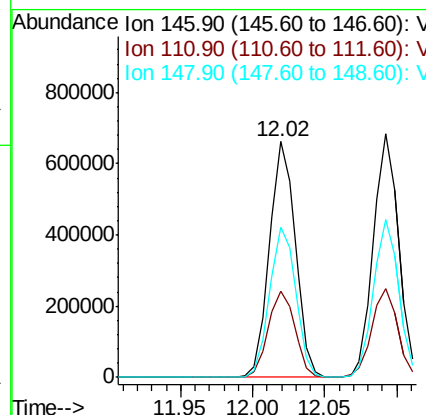
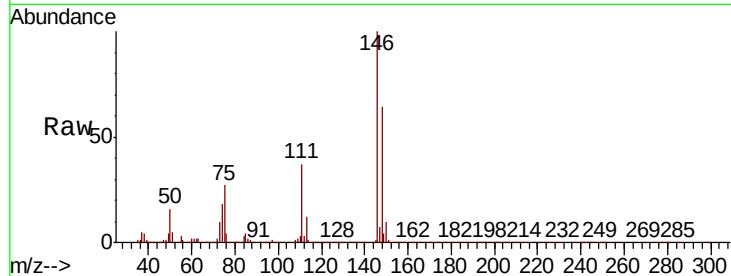




#87
 1,3-Dichlorobenzene
 Concen: 52.147 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013744.D
 Acq: 04 Dec 2019 11:49

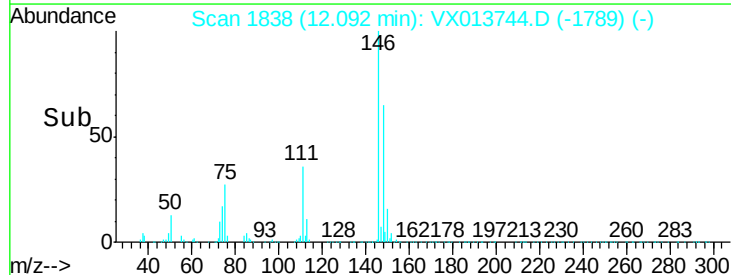
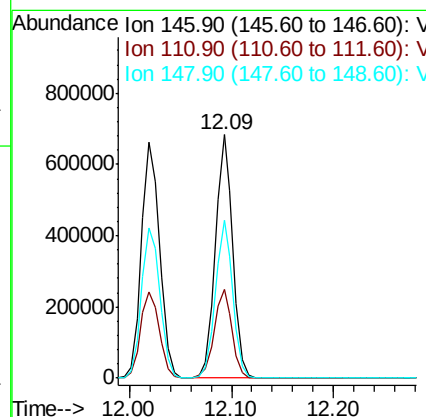
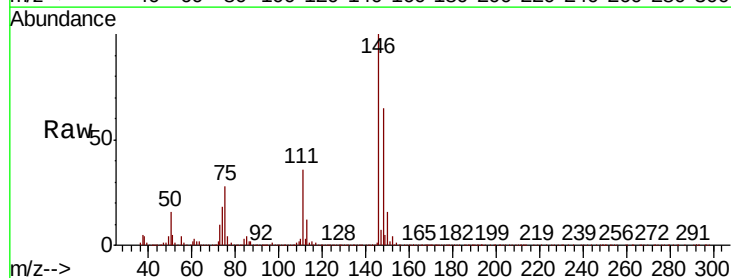
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

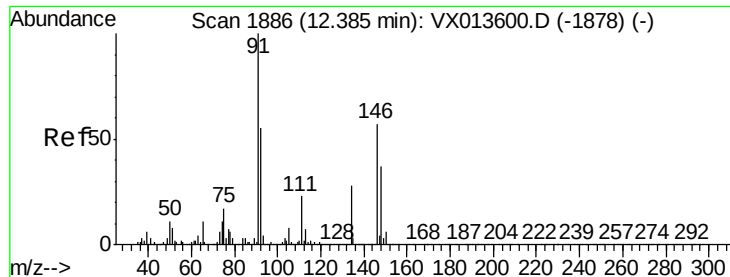
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	19.0	57.0
148	64.3	31.8	95.4



#88
 1,4-Dichlorobenzene
 Concen: 50.718 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013744.D
 Acq: 04 Dec 2019 11:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.9	56.9
148	64.5	31.9	95.5

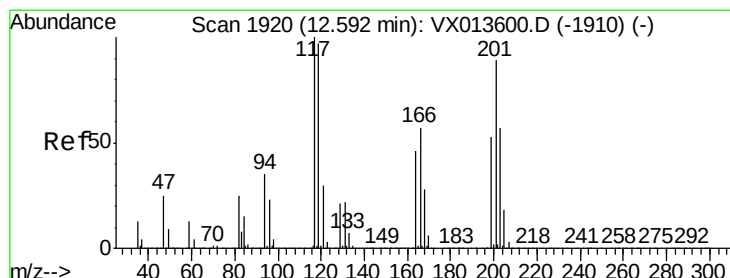
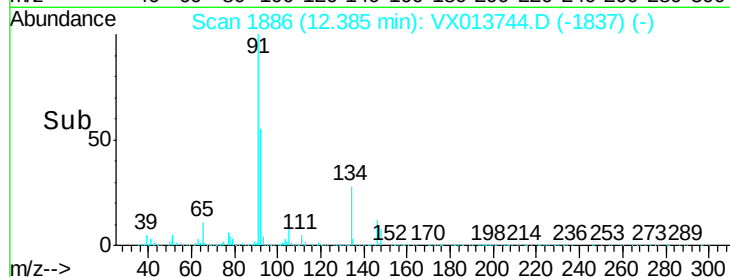
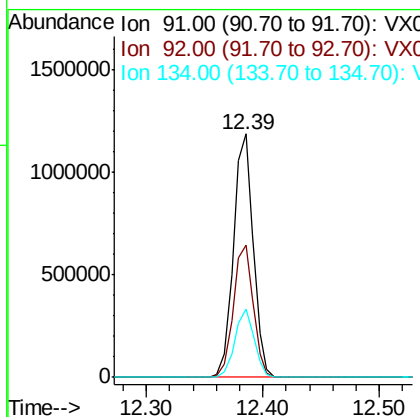
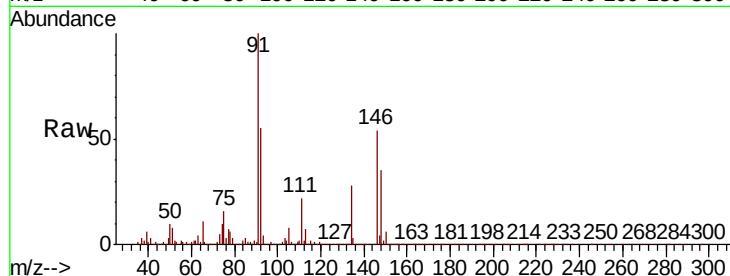




#89
n-Butylbenzene
Concen: 55.502 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013744.D
Acq: 04 Dec 2019 11:49

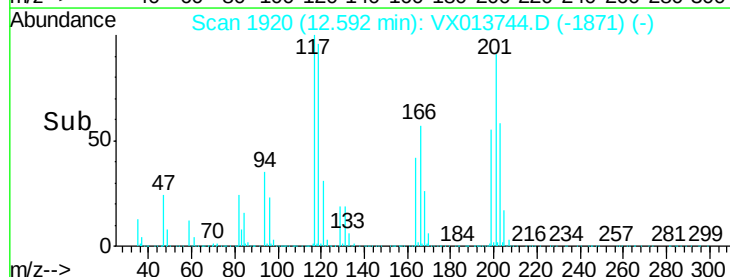
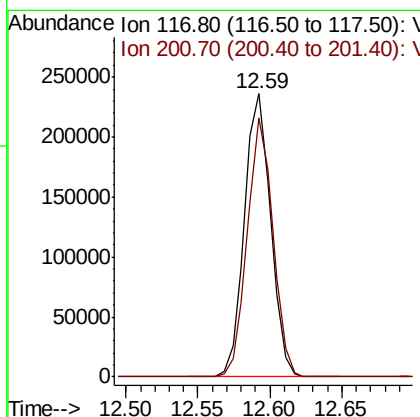
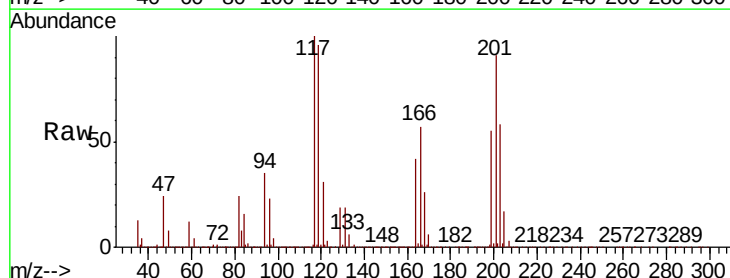
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

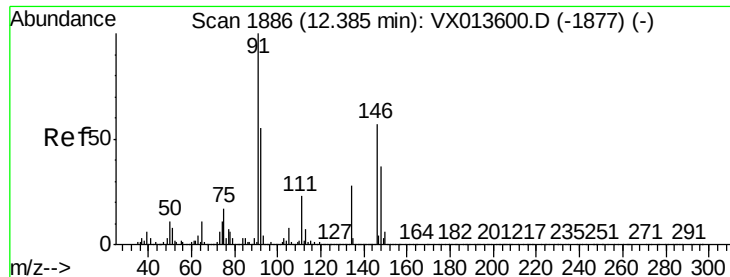
Tot Ion: 91 Resp: 1407894
Ion Ratio Lower Upper
91 100
92 54.7 27.4 82.2
134 27.5 13.5 40.4



#90
Hexachloroethane
Concen: 55.314 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013744.D
Acq: 04 Dec 2019 11:49

Tgt Ion: 117 Resp: 297360
Ion Ratio Lower Upper
117 100
201 89.2 44.1 132.4

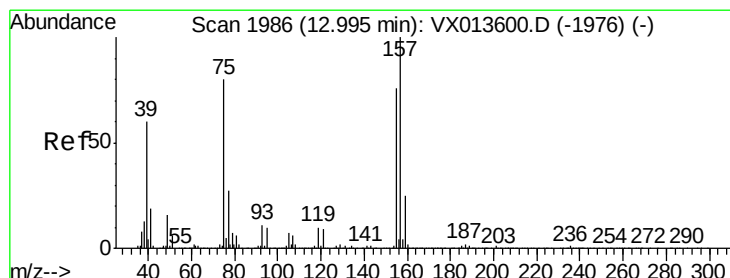
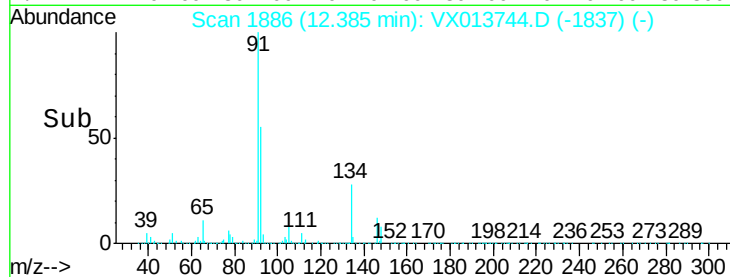
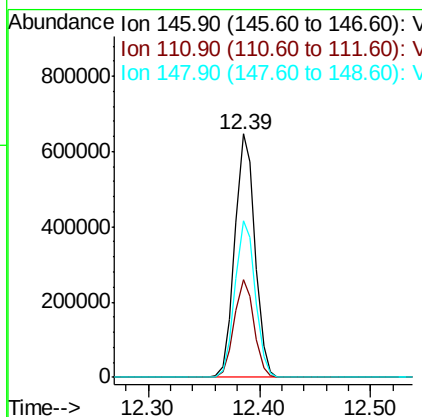
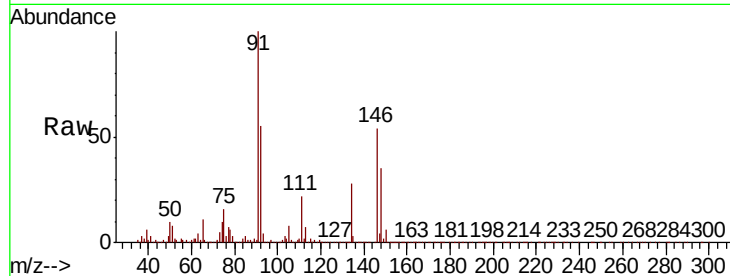




#91
 1,2-Dichlorobenzene
 Concen: 51.678 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013744.D
 Acq: 04 Dec 2019 11:49

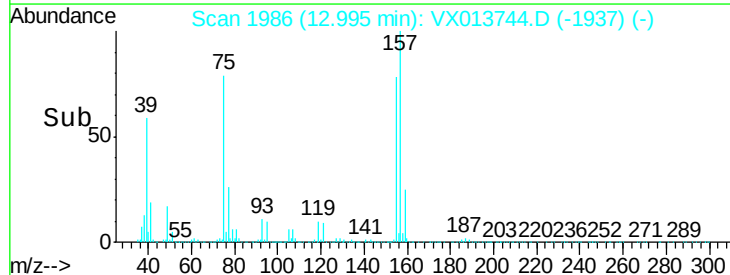
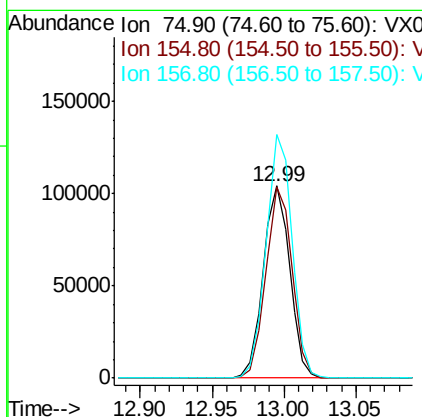
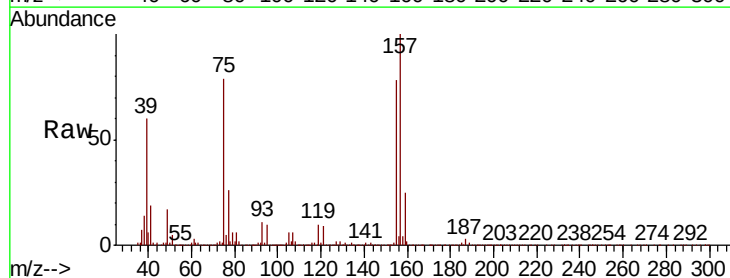
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

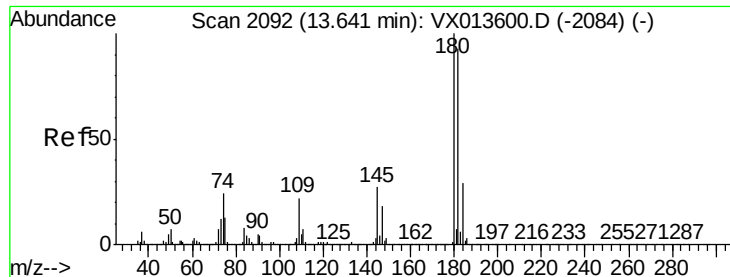
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.6	58.7
148	64.7	31.9	95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.862 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013744.D
 Acq: 04 Dec 2019 11:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.6	47.6	142.8
157	125.7	62.1	186.2

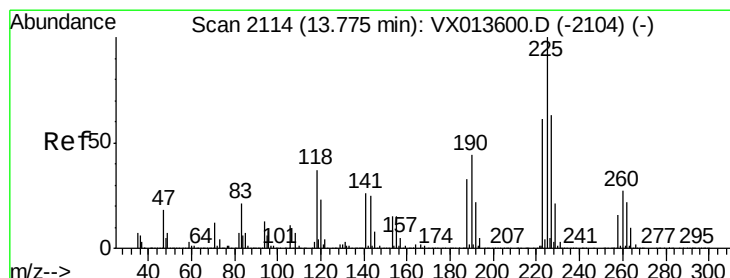
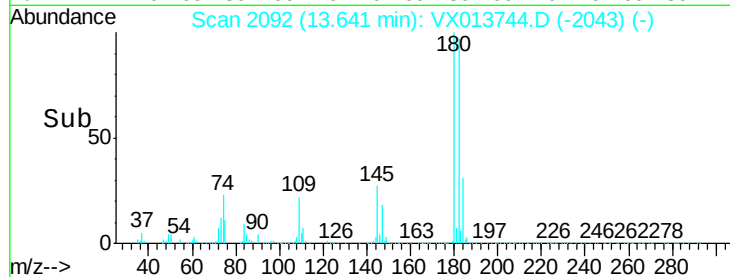
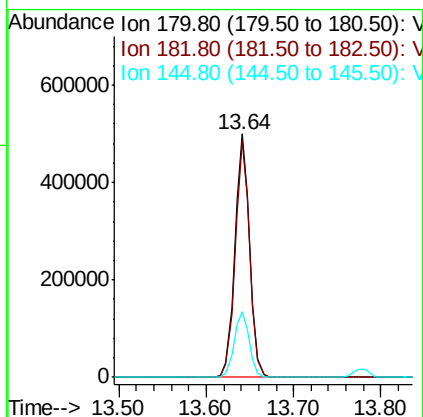
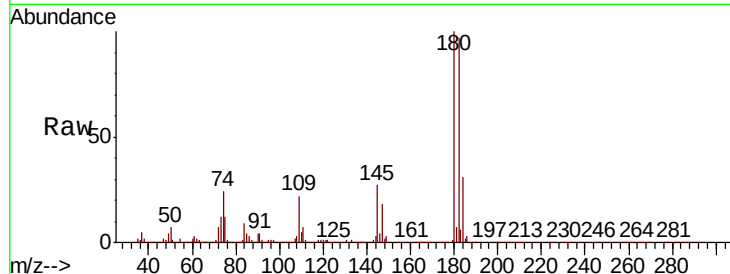




#93
 1,2,4-Trichlorobenzene
 Concen: 54.129 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013744.D
 Acq: 04 Dec 2019 11:49

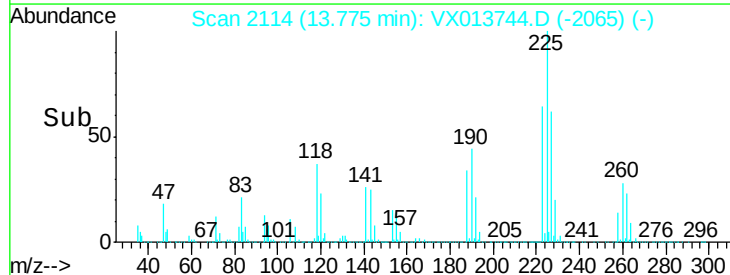
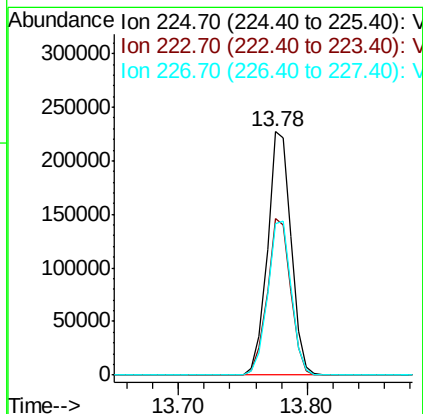
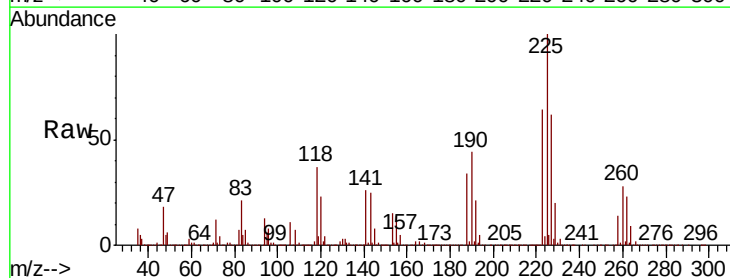
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

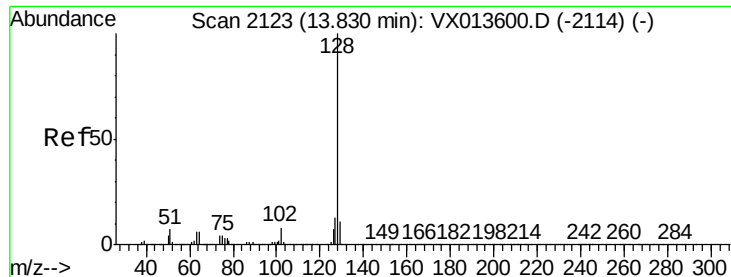
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.2	141.6
145	27.6	13.8	41.4



#94
 Hexachlorobutadiene
 Concen: 55.139 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013744.D
 Acq: 04 Dec 2019 11:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	31.9	95.5
227	63.3	32.1	96.3

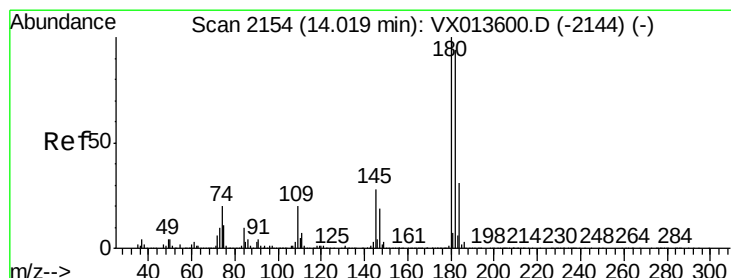
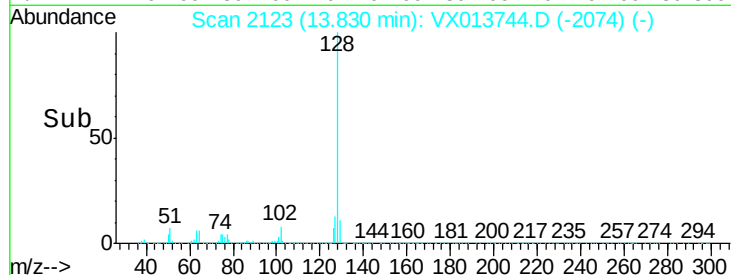
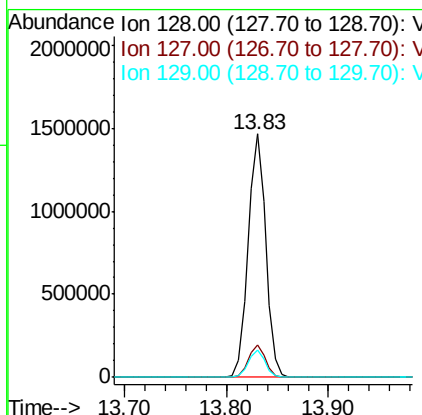
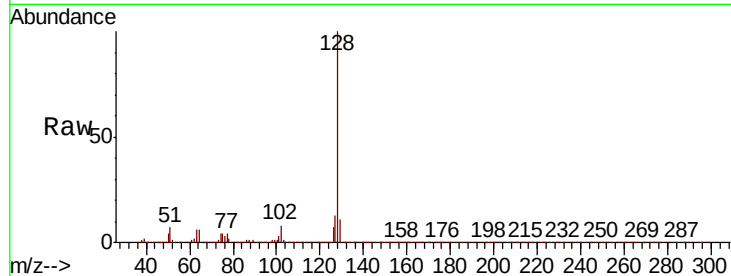




#95
Naphthalene
Concen: 54.327 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013744.D
Acq: 04 Dec 2019 11:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 1762907
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 53.338 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VX013744.D
Acq: 04 Dec 2019 11:49

Tgt Ion:180 Resp: 575453
Ion Ratio Lower Upper
180 100
182 95.0 47.6 142.8
145 29.8 15.0 45.0

