

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120919\
 Data File : VX013870.D
 Acq On : 09 Dec 2019 23:10
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 12 08:15:52 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	551244	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	853825	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	770844	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	379494	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	305269	47.71	ug/l	0.00
Spiked Amount			Recovery	=	95.42%	
35) Dibromofluoromethane	5.49	113	261485	49.54	ug/l	0.00
Spiked Amount			Recovery	=	99.08%	
50) Toluene-d8	8.71	98	975953	47.46	ug/l	0.00
Spiked Amount			Recovery	=	94.92%	
62) 4-Bromofluorobenzene	11.14	95	355481	47.93	ug/l	0.00
Spiked Amount			Recovery	=	95.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	282496	46.042	ug/l	98
3) Chloromethane	1.32	50	328884	47.771	ug/l	99
4) Vinyl Chloride	1.40	62	392840	50.697	ug/l	97
5) Bromomethane	1.63	94	257728	49.526	ug/l	98
6) Chloroethane	1.71	64	212095	48.100	ug/l	98
7) Trichlorofluoromethane	1.92	101	414979	48.229	ug/l	99
8) Diethyl Ether	2.18	74	200269	51.447	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	252263	47.998	ug/l	98
10) Methyl Iodide	2.50	142	311816	49.046	ug/l	99
11) Tert butyl alcohol	3.03	59	357330	226.243	ug/l	100
12) 1,1-Dichloroethene	2.36	96	255190	48.645	ug/l	98
13) Acrolein	2.28	56	295132	278.706	ug/l	98
14) Allyl chloride	2.72	41	469397	49.305	ug/l	100
15) Acrylonitrile	3.13	53	845552	259.358	ug/l	100
16) Acetone	2.44	43	899638	284.775	ug/l	98
17) Carbon Disulfide	2.56	76	639956	42.793	ug/l	100
18) Methyl Acetate	2.76	43	491286	55.847	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	894668	51.480	ug/l	99
20) Methylene Chloride	2.84	84	300721	49.549	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	275429	48.194	ug/l	99
22) Diisopropyl ether	3.84	45	959842	52.360	ug/l	98
23) Vinyl Acetate	3.80	43	3557285	233.266	ug/l	99
24) 1,1-Dichloroethane	3.69	63	516086	51.499	ug/l	99
25) 2-Butanone	4.66	43	1253318	266.944	ug/l	100
26) 2,2-Dichloropropane	4.58	77	351261	42.365	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	328085	49.990	ug/l	97
28) Bromochloromethane	5.01	49	216780	54.741	ug/l	100
29) Tetrahydrofuran	5.11	42	755092	260.885	ug/l	99
30) Chloroform	5.20	83	506233	49.811	ug/l	98
31) Cyclohexane	5.57	56	444017	46.976	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	423645	49.882	ug/l	100
36) 1,1-Dichloropropene	5.79	75	368433	47.536	ug/l	99
37) Ethyl Acetate	4.82	43	444318	51.101	ug/l	99
38) Carbon Tetrachloride	5.78	117	356395	49.868	ug/l	100

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Quant Time: Dec 12 08:15:52 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)
39) Methylcyclohexane	7.46	83	440034	45.930	ug/l	99
40) Benzene	6.14	78	1172511	49.671	ug/l	99
41) Methacrylonitrile	5.03	41	263074	55.169	ug/l	98
42) 1,2-Dichloroethane	6.18	62	404341	50.225	ug/l	99
43) Isopropyl Acetate	6.43	43	726392	50.745	ug/l	100
44) Trichloroethene	7.21	130	317042	48.937	ug/l	97
45) 1,2-Dichloropropane	7.51	63	306564	51.906	ug/l	99
46) Dibromomethane	7.65	93	195581	48.758	ug/l	98
47) Bromodichloromethane	7.89	83	391501	51.628	ug/l	100
48) Methyl methacrylate	7.76	41	365419	52.539	ug/l	99
49) 1,4-Dioxane	7.73	88	136416	876.240	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	2371722	263.400	ug/l	99
52) Toluene	8.78	92	726663	49.551	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	424571	49.189	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	476074	50.485	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	311700	52.744	ug/l	99
56) Ethyl methacrylate	9.17	69	494090	52.003	ug/l	99
57) 1,3-Dichloropropane	9.37	76	515534	50.611	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	943064	253.159	ug/l	100
59) 2-Hexanone	9.49	43	1833723	261.115	ug/l	99
60) Dibromochloromethane	9.58	129	319770	52.139	ug/l	100
61) 1,2-Dibromoethane	9.67	107	317215	50.258	ug/l	99
64) Tetrachloroethene	9.33	164	366966	63.837	ug/l	96
65) Chlorobenzene	10.14	112	791373	49.447	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	299072	52.040	ug/l	100
67) Ethyl Benzene	10.25	91	1386790	50.426	ug/l	98
68) m/p-Xylenes	10.35	106	1050548	99.775	ug/l	100
69) o-Xylene	10.70	106	514568	50.109	ug/l	98
70) Styrene	10.71	104	891054	51.583	ug/l	100
71) Bromoform	10.85	173	249721	52.516	ug/l	100
73) Isopropylbenzene	11.01	105	1356294	50.950	ug/l	100
74) N-amyl acetate	10.89	43	641018	52.567	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	478377	51.819	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	546197	63.991	ug/l	88
77) Bromobenzene	11.25	156	357421	49.701	ug/l	98
78) n-propylbenzene	11.35	91	1523246	51.260	ug/l	100
79) 2-Chlorotoluene	11.42	91	908038	50.939	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1127066	51.659	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	154082	49.387	ug/l	98
82) 4-Chlorotoluene	11.51	91	1039219	50.334	ug/l	99
83) tert-Butylbenzene	11.76	119	1069268	48.224	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	1130968	51.076	ug/l	100
85) sec-Butylbenzene	11.94	105	1312187	51.811	ug/l	99
86) p-Isopropyltoluene	12.06	119	1203559	51.082	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	621785	49.600	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	621710	48.690	ug/l	100
89) n-Butylbenzene	12.39	91	1008229	50.172	ug/l	99
90) Hexachloroethane	12.59	117	215914	50.699	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	628591	50.750	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	104003	51.734	ug/l	99

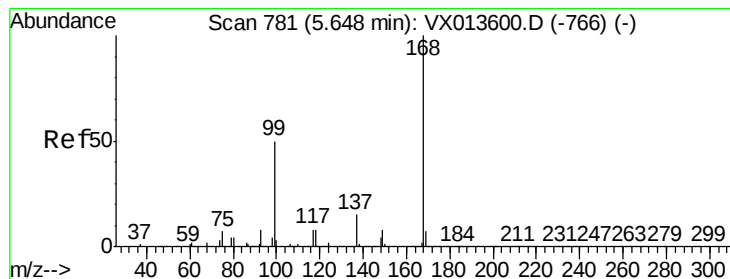
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120919\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	415559	48.141	ug/l	98
94) Hexachlorobutadiene	13.78	225	196834	47.468	ug/l	99
95) Naphthalene	13.83	128	1328157	51.665	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	430000	50.311	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Instrument :

MSVOA_X

ClientSampleId :

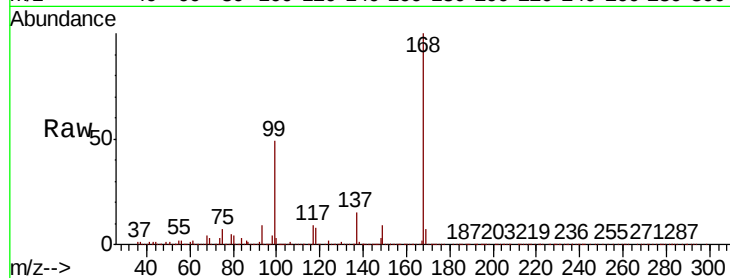
VSTDCCC050

Tot Ion:168 Resp: 551244

Ion Ratio Lower Upper

168 100

99 48.6 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

200000

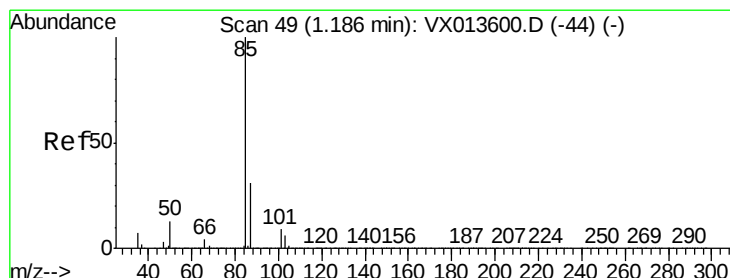
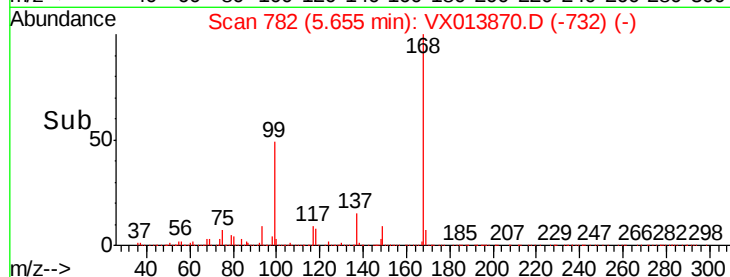
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 46.042 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013870.D

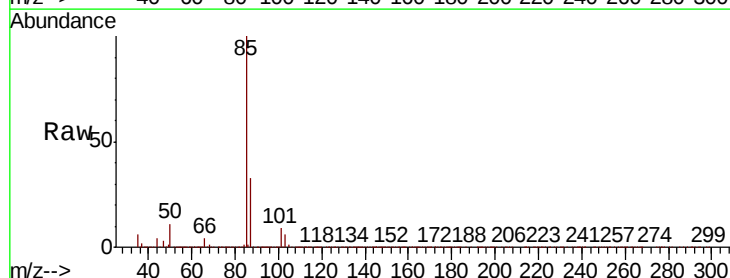
Acq: 09 Dec 2019 23:10

Tgt Ion: 85 Resp: 282496

Ion Ratio Lower Upper

85 100

87 32.6 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

300000

250000

200000

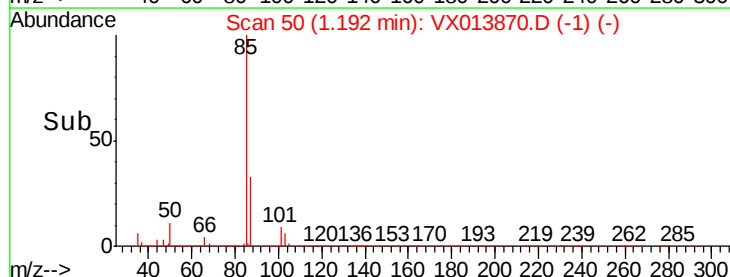
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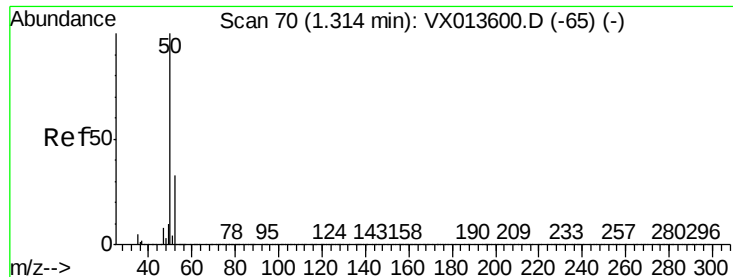
100000

50000

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Time-->





#3

Chloromethane

Concen: 47.771 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Instrument :

MSVOA_X

ClientSampleId :

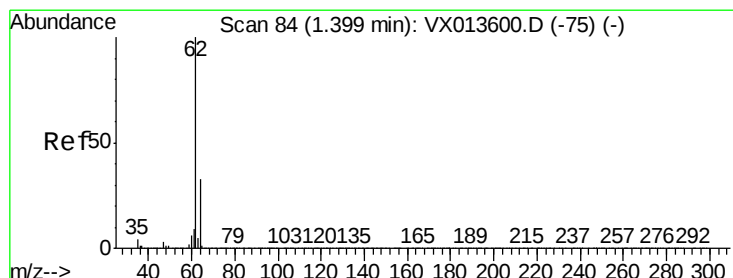
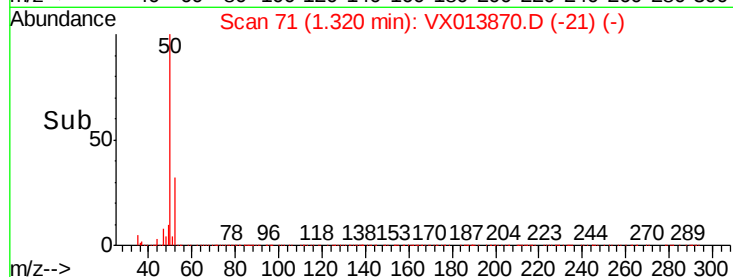
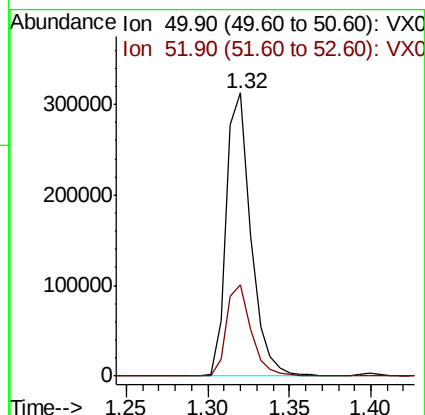
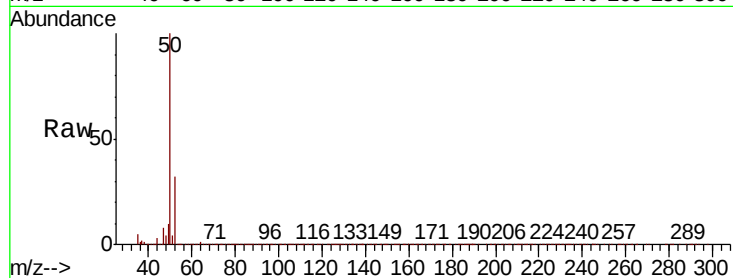
VSTDCCC050

Tot Ion: 50 Resp: 328884

Ion Ratio Lower Upper

50 100

52 32.2 26.0 39.0



#4

Vinyl Chloride

Concen: 50.697 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013870.D

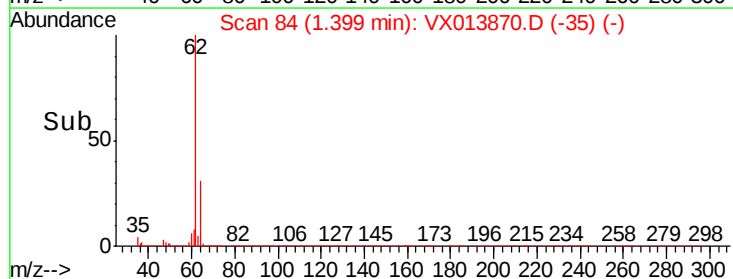
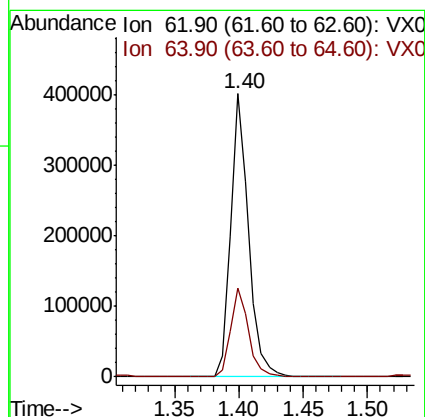
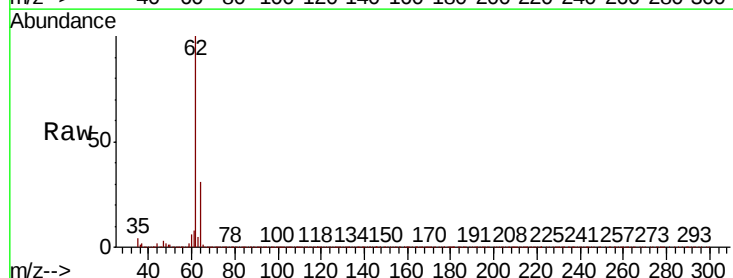
Acq: 09 Dec 2019 23:10

Tgt Ion: 62 Resp: 392840

Ion Ratio Lower Upper

62 100

64 31.0 26.0 39.0





#5

Bromomethane

Concen: 49.526 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Instrument :

MSVOA_X

ClientSampleId :

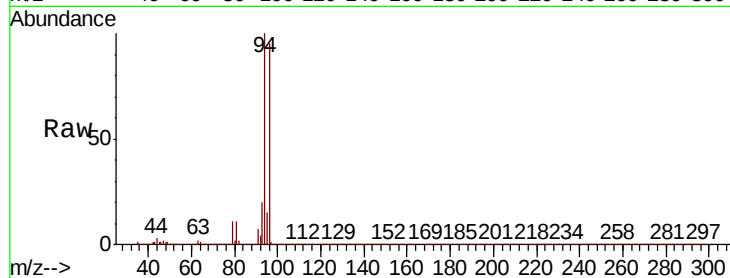
VSTDCCC050

Tot Ion: 94 Resp: 257728

Ion Ratio Lower Upper

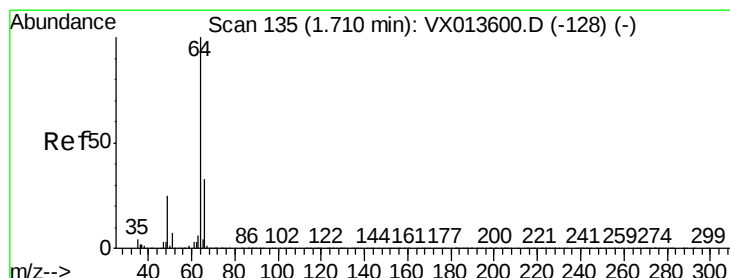
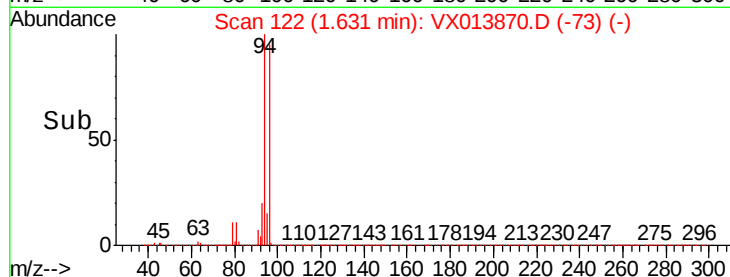
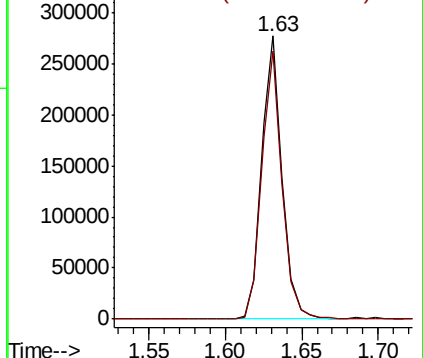
94 100

96 94.5 77.0 115.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.100 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX013870.D

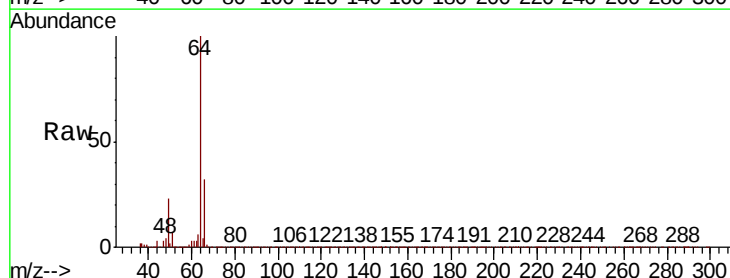
Acq: 09 Dec 2019 23:10

Tgt Ion: 64 Resp: 212095

Ion Ratio Lower Upper

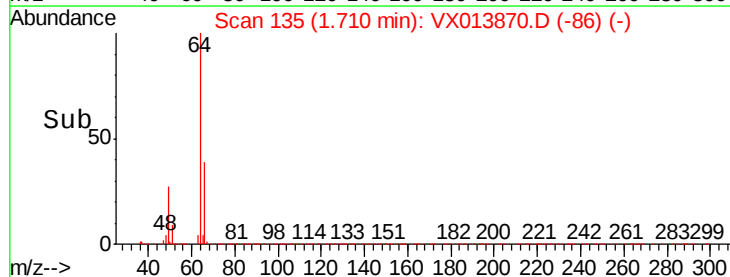
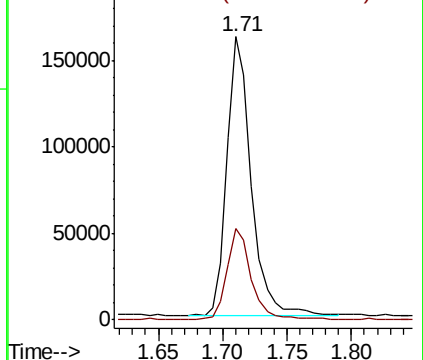
64 100

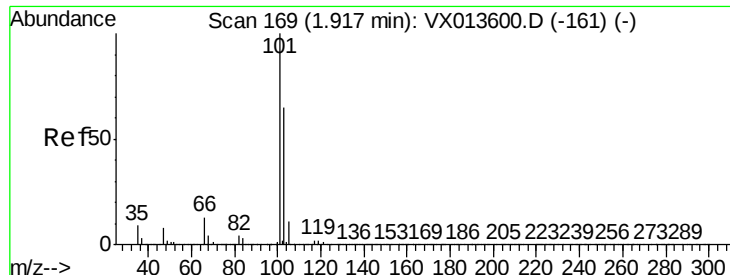
66 32.5 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



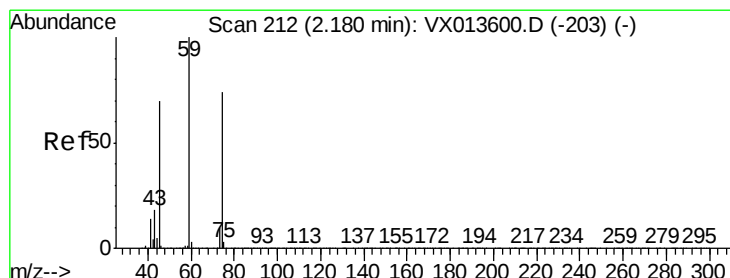
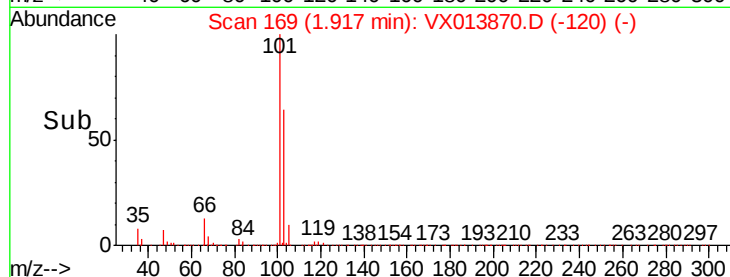
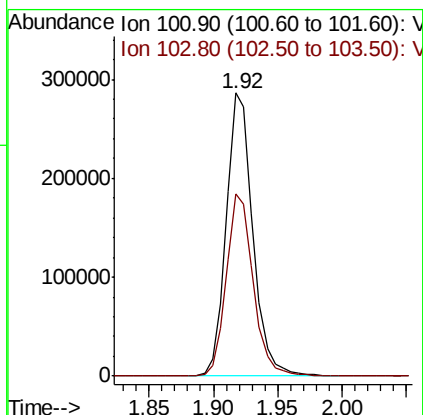
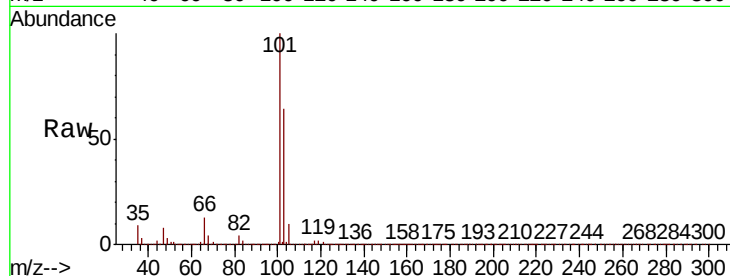


#7

Trichlorofluoromethane
Concen: 48.229 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013870.D
Acq: 09 Dec 2019 23:10

Instrument :
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ClientSampleId :
VSTDCCC050

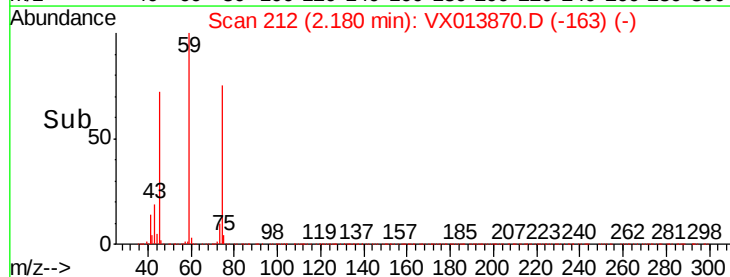
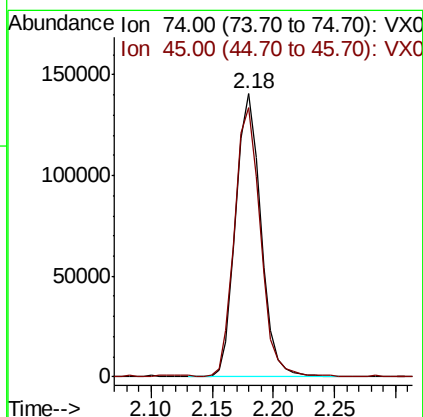
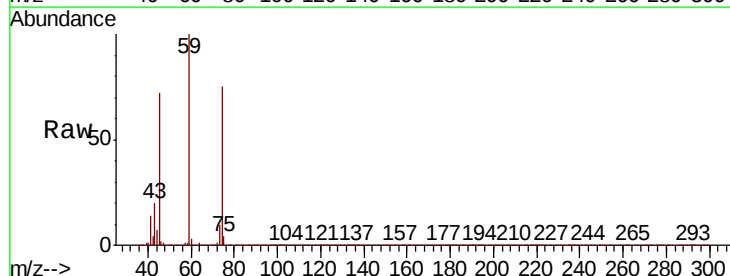
Tot Ion:101 Resp: 414979
Ion Ratio Lower Upper
101 100
103 64.3 51.8 77.6

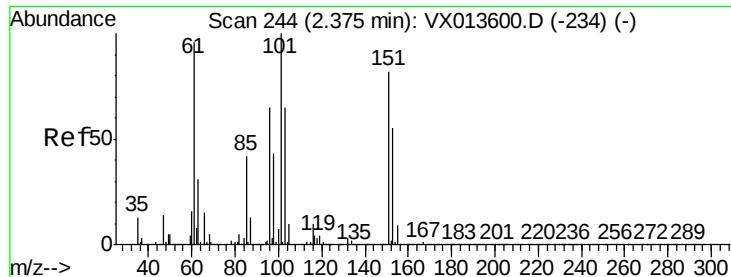


#8

Diethyl Ether
Concen: 51.447 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX013870.D
Acq: 09 Dec 2019 23:10

Tgt Ion: 74 Resp: 200269
Ion Ratio Lower Upper
74 100
45 96.8 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.998 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

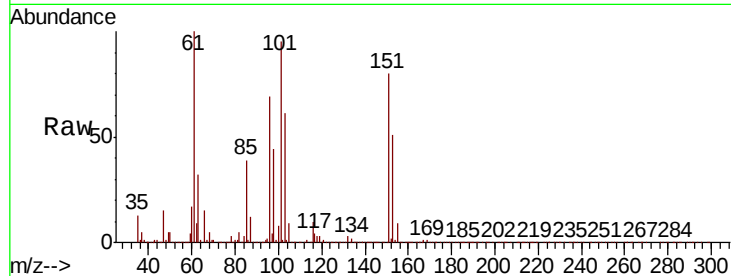
Tot Ion:101 Resp: 252263

Ion Ratio Lower Upper

101 100

85 41.3 33.9 50.9

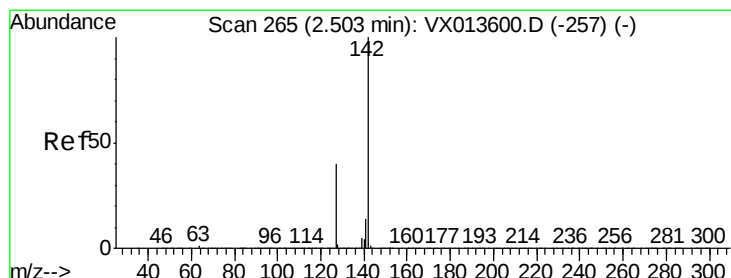
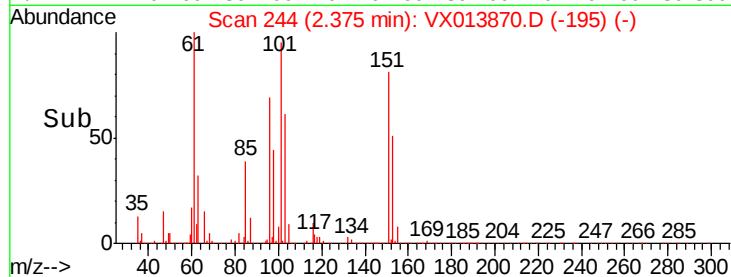
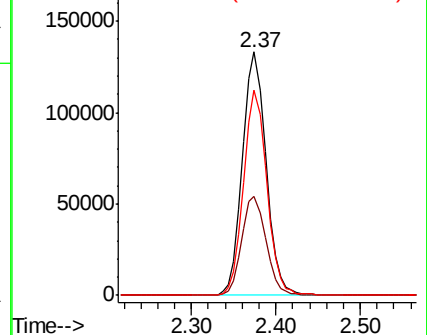
151 82.6 64.2 96.2



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: 49.046 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

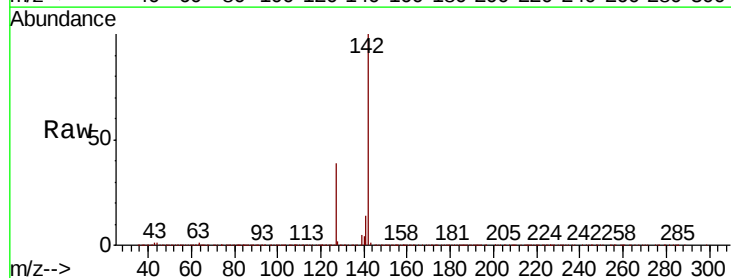
Tgt Ion:142 Resp: 311816

Ion Ratio Lower Upper

142 100

127 38.4 31.0 46.4

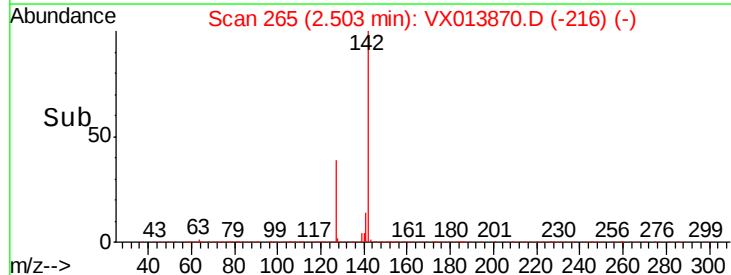
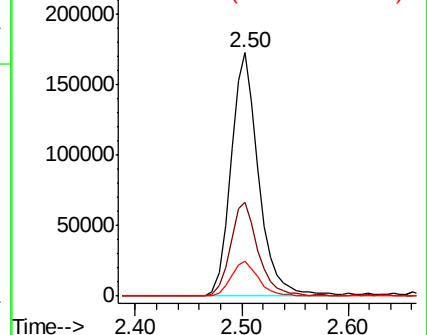
141 14.2 11.6 17.4

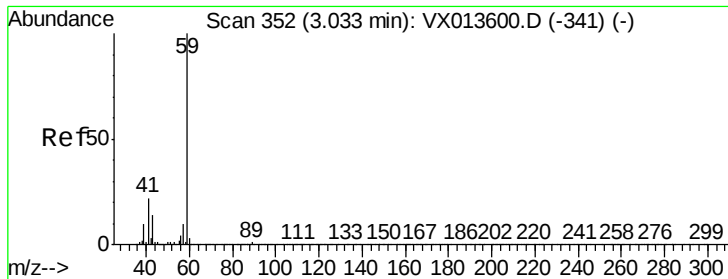


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



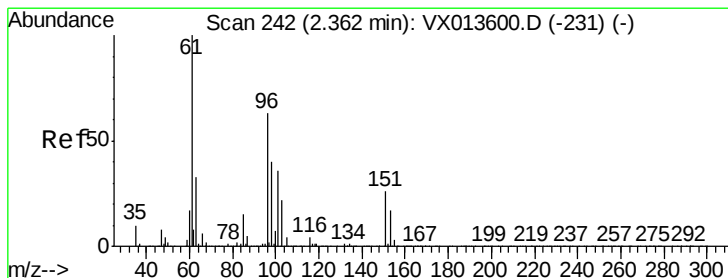
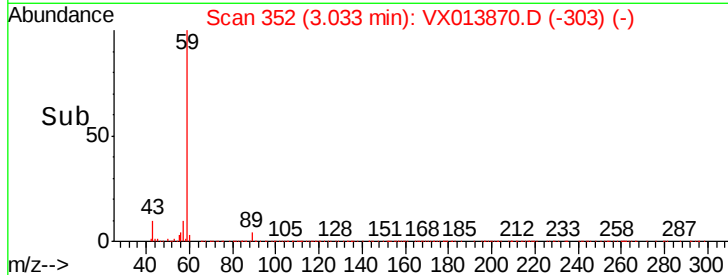
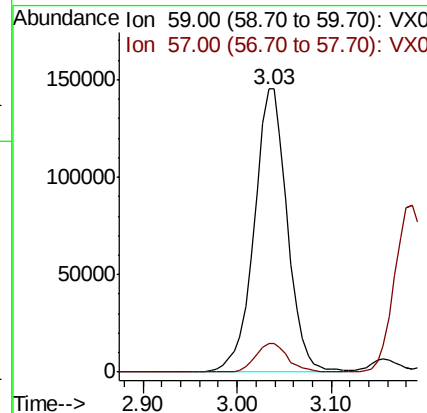
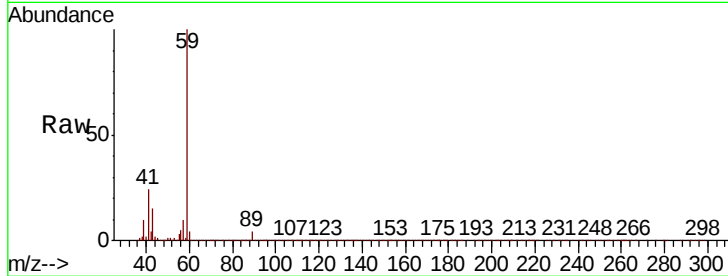


#11

Tert butyl alcohol
 Concen: 226.243 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. 0.00 min
 Lab File: VX013870.D
 Acq: 09 Dec 2019 23:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

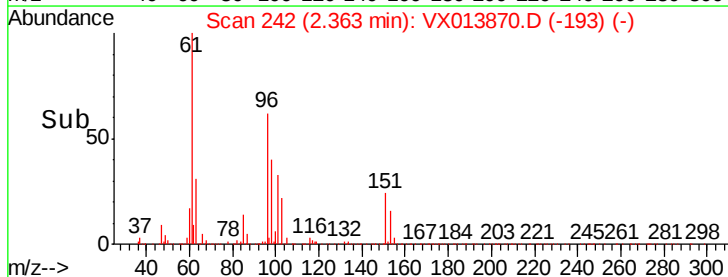
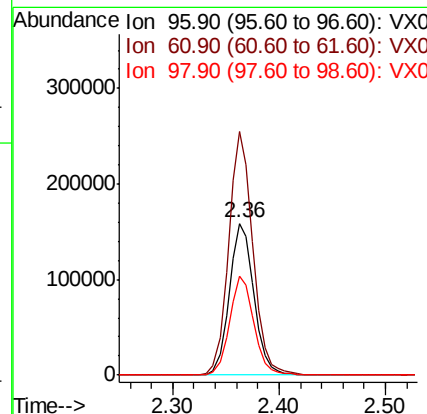
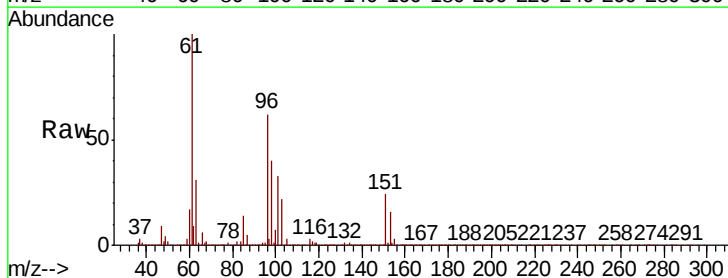
Tot Ion: 59 Resp: 357330
 Ion Ratio Lower Upper
 59 100
 57 9.6 7.8 11.6

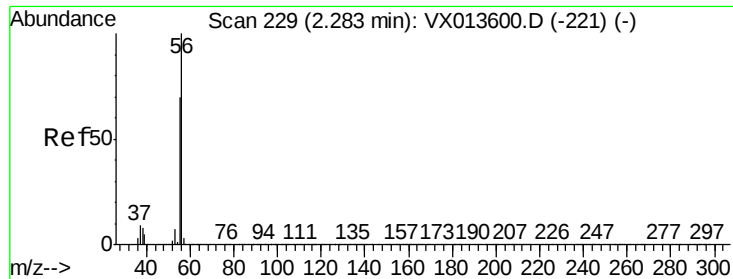


#12

1,1-Dichloroethene
 Concen: 48.645 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX013870.D
 Acq: 09 Dec 2019 23:10

Tgt Ion: 96 Resp: 255190
 Ion Ratio Lower Upper
 96 100
 61 160.2 126.6 190.0
 98 64.8 50.6 76.0





#13

Acrolein

Concen: 278.706 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Instrument :

MSVOA_X

ClientSampleId :

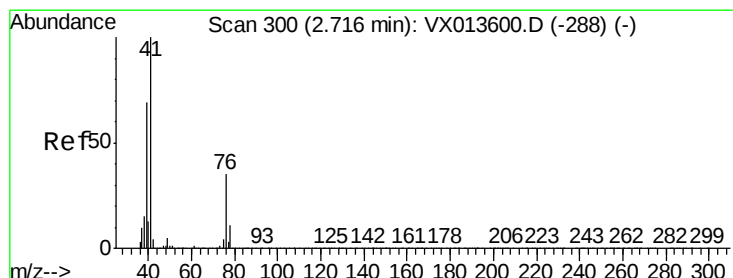
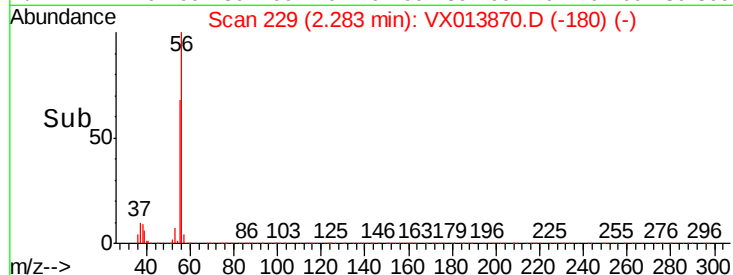
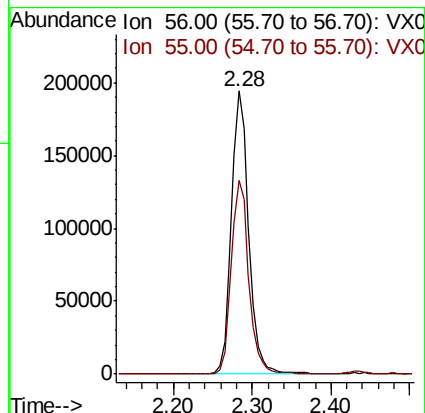
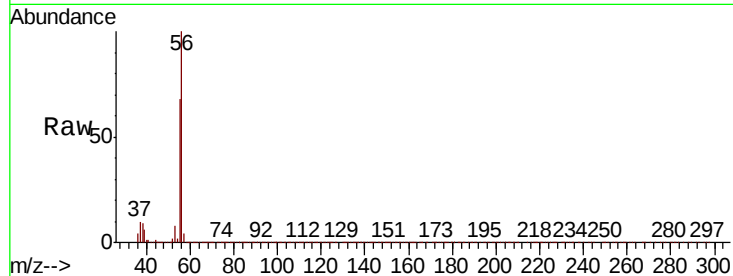
VSTDCCC050

Tot Ion: 56 Resp: 295132

Ion Ratio Lower Upper

56 100

55 68.9 56.2 84.4



#14

Allyl chloride

Concen: 49.305 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

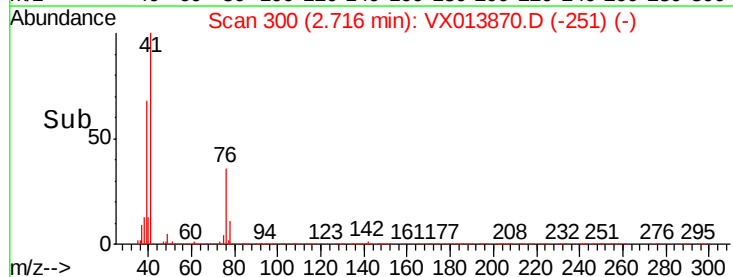
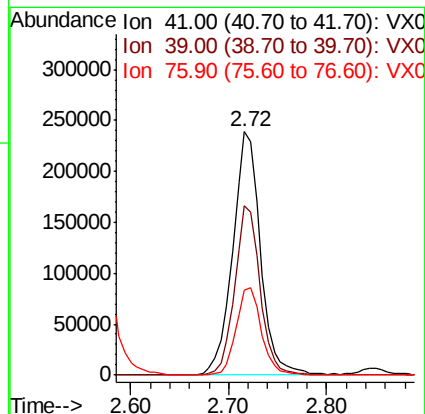
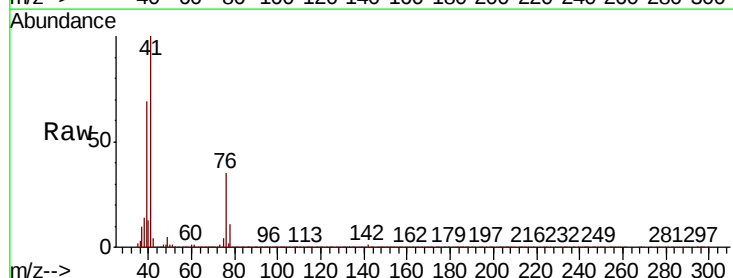
Tgt Ion: 41 Resp: 469397

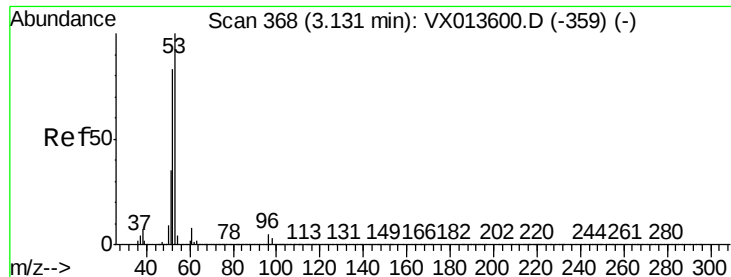
Ion Ratio Lower Upper

41 100

39 64.2 51.7 77.5

76 32.6 25.9 38.9





#15

Acrylonitrile

Concen: 259.358 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Instrument :

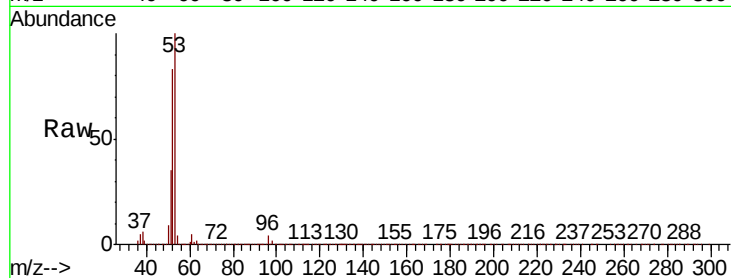
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 845552

Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.2	99.2
51	35.6	29.0	43.6

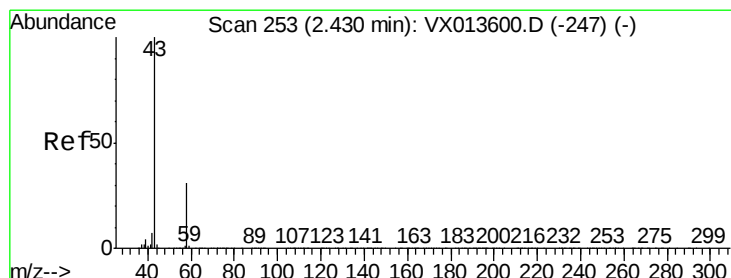
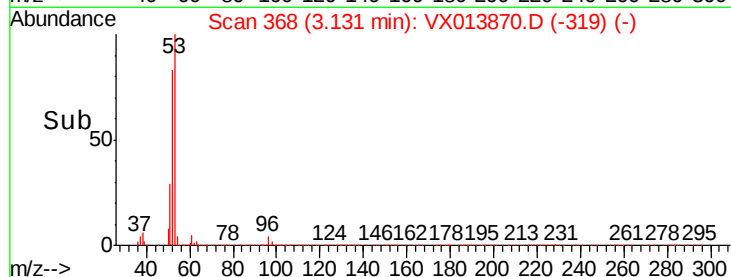


Abundance

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: 284.775 ug/l

RT: 2.44 min Scan# 254

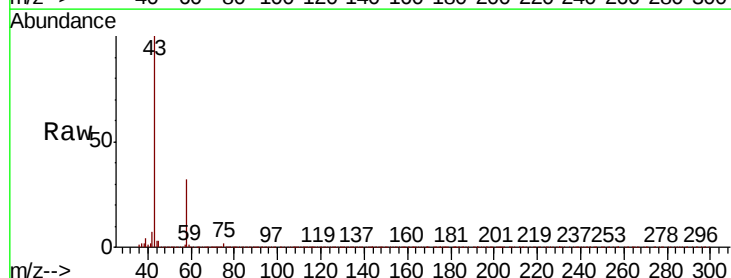
Delta R.T. 0.01 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Tgt Ion: 43 Resp: 899638

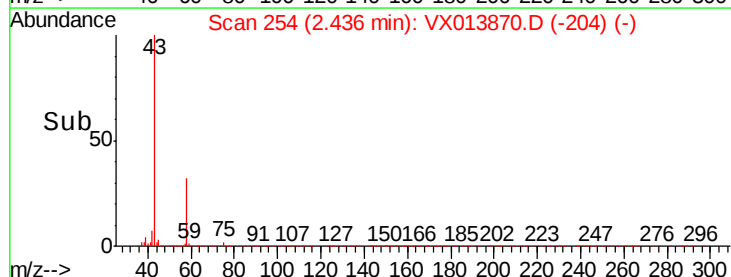
Ion	Ratio	Lower	Upper
43	100		
58	31.7	24.6	36.8

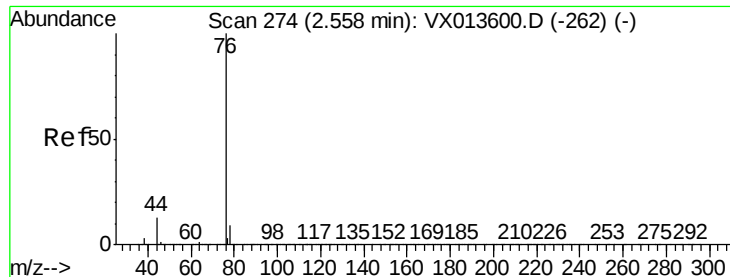


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 42.793 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Instrument :

MSVOA_X

ClientSampleId :

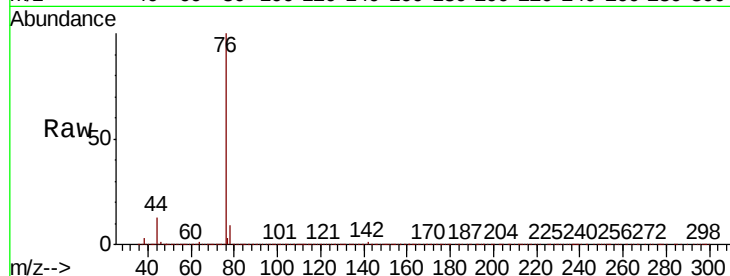
VSTDCCC050

Tot Ion: 76 Resp: 639956

Ion Ratio Lower Upper

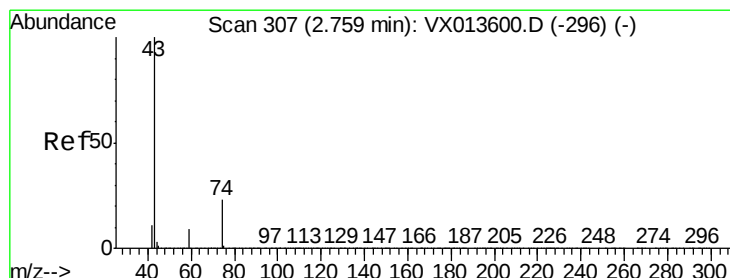
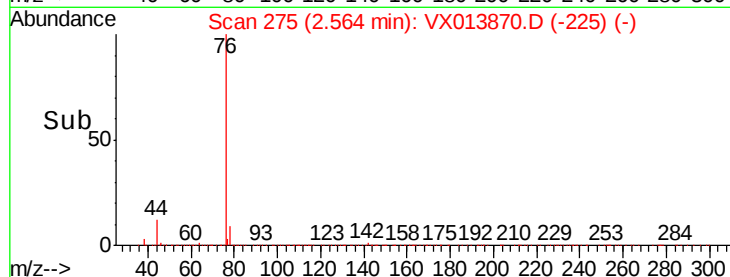
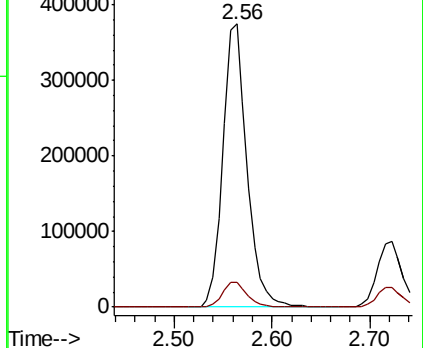
76 100

78 8.9 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 55.847 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.01 min

Lab File: VX013870.D

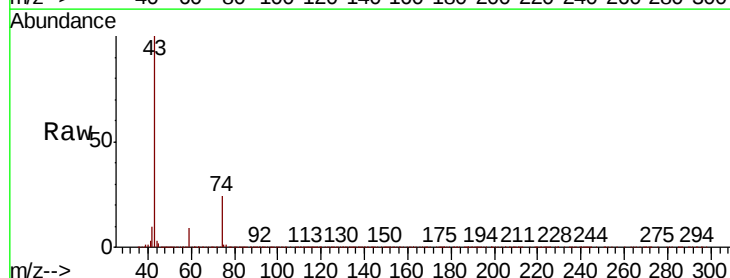
Acq: 09 Dec 2019 23:10

Tgt Ion: 43 Resp: 491286

Ion Ratio Lower Upper

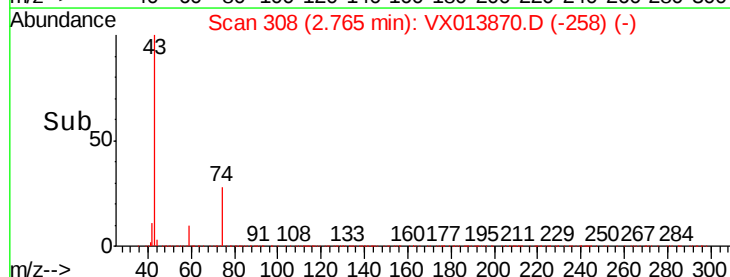
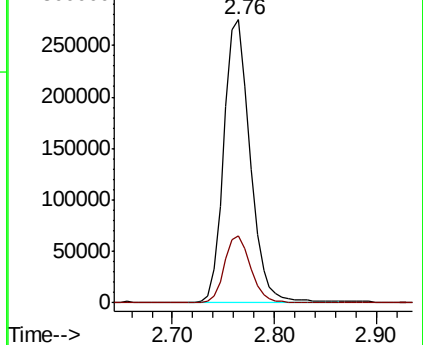
43 100

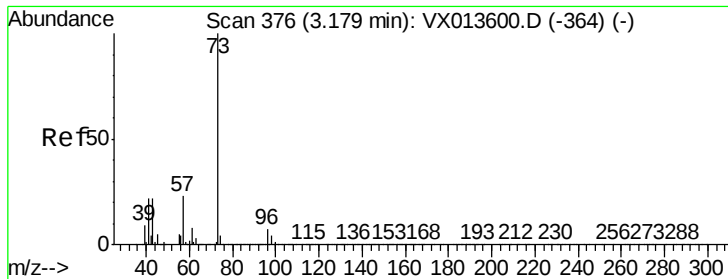
74 24.0 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



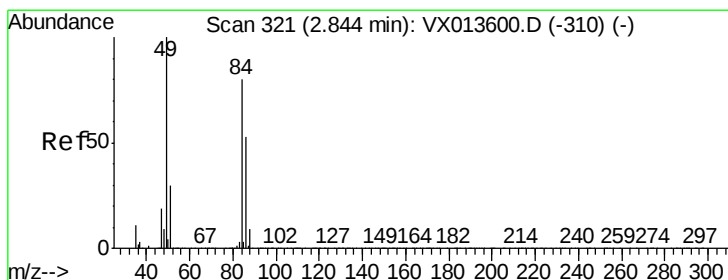
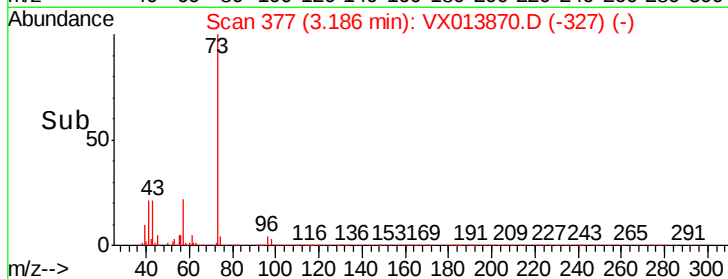
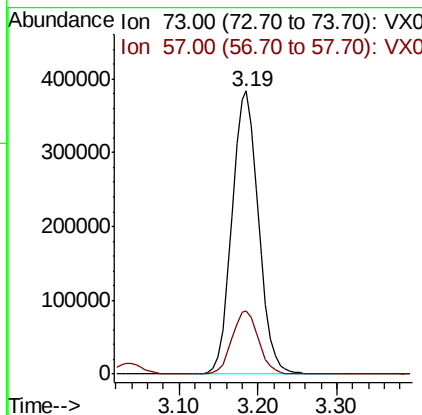
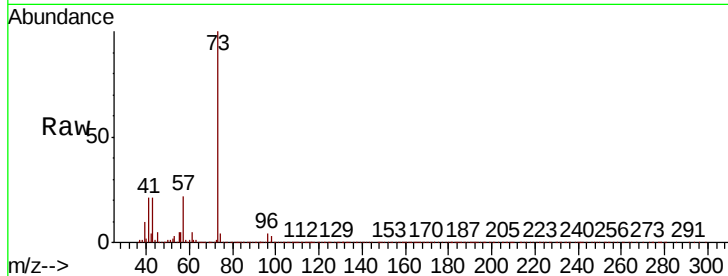


#19

Methyl tert-butyl Ether
 Concen: 51.480 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.01 min
 Lab File: VX013870.D
 Acq: 09 Dec 2019 23:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

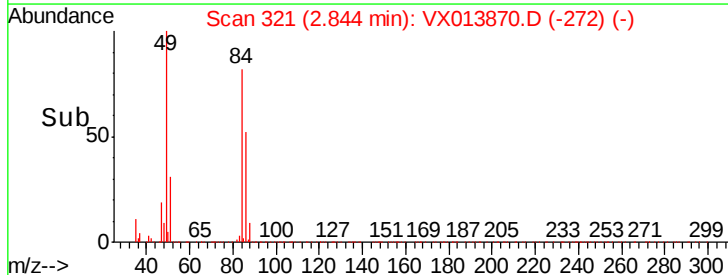
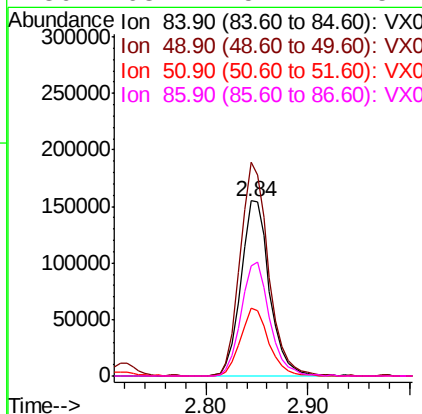
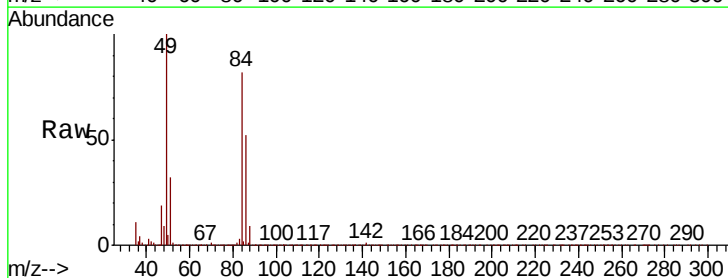
Tot Ion: 73 Resp: 894668
 Ion Ratio Lower Upper
 73 100
 57 22.2 18.3 27.5

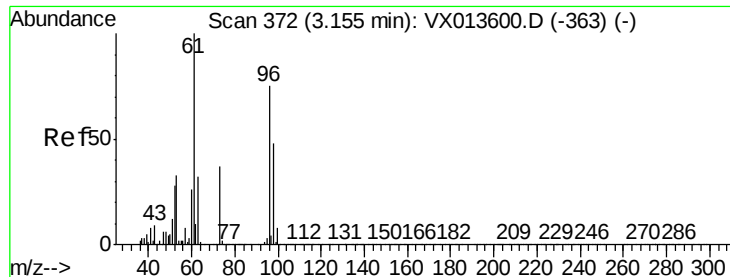


#20

Methylene Chloride
 Concen: 49.549 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. 0.00 min
 Lab File: VX013870.D
 Acq: 09 Dec 2019 23:10

Tgt Ion: 84 Resp: 300721
 Ion Ratio Lower Upper
 84 100
 49 121.9 99.7 149.5
 51 38.4 29.9 44.9
 86 63.1 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 48.194 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

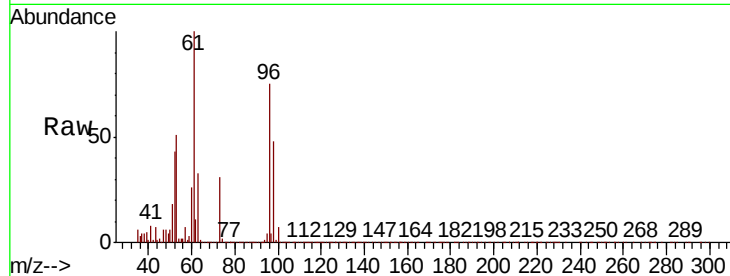
Tot Ion: 96 Resp: 275429

Ion Ratio Lower Upper

96 100

61 133.3 107.2 160.8

98 63.8 51.4 77.0

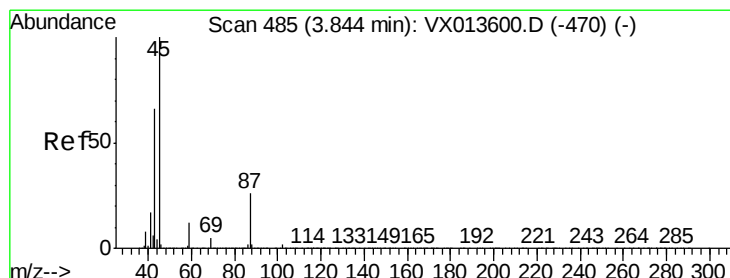
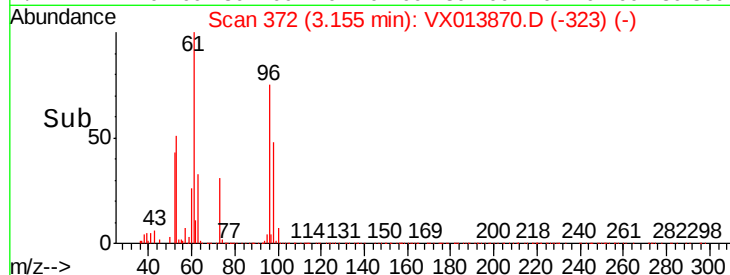
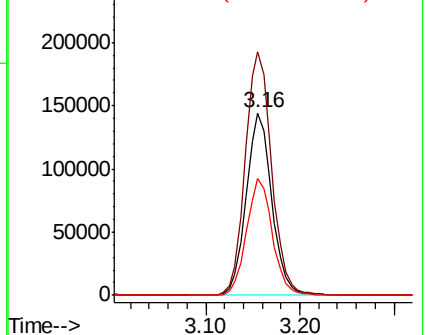


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 52.360 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Tgt Ion: 45 Resp: 959842

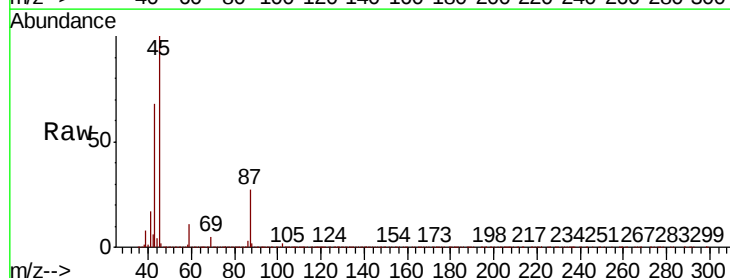
Ion Ratio Lower Upper

45 100

43 67.6 52.6 79.0

87 27.1 21.1 31.7

59 11.0 9.2 13.8



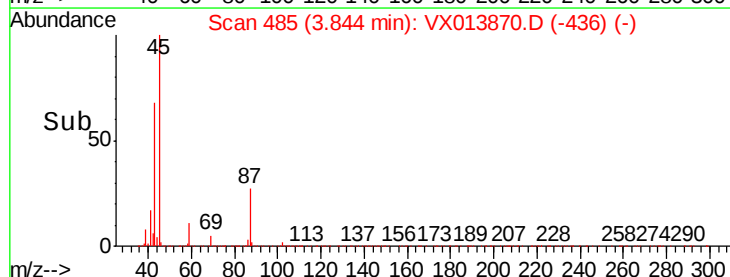
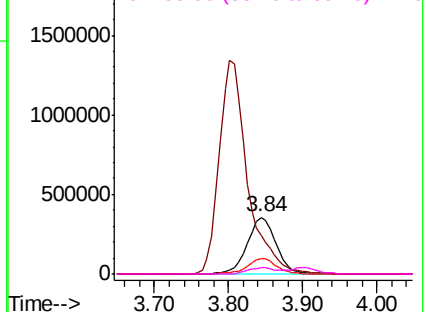
Abundance

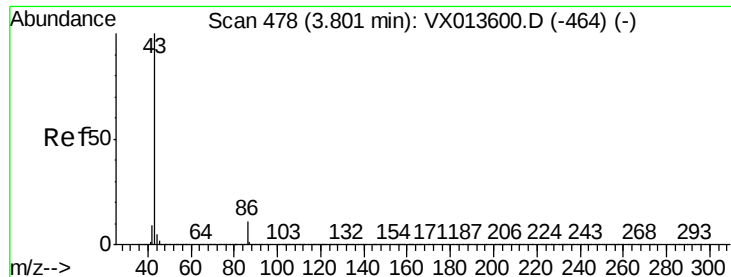
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 233.266 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Instrument :

MSVOA_X

ClientSampleId :

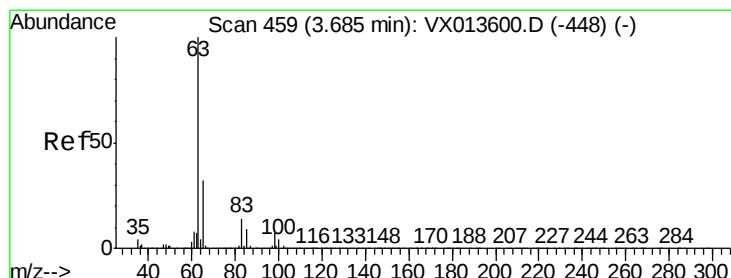
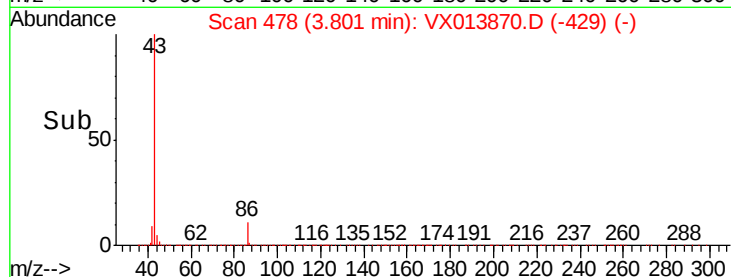
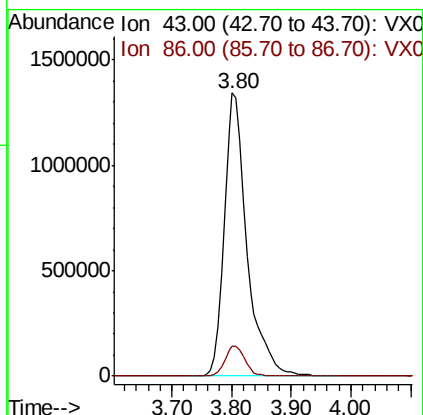
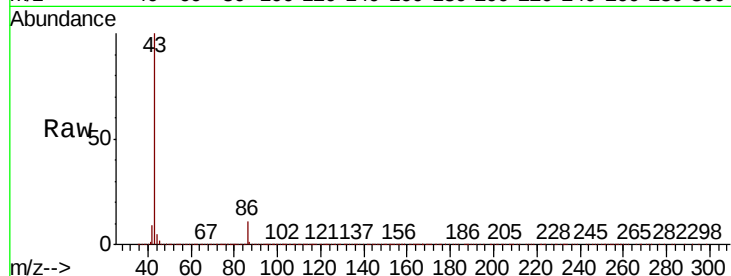
VSTDCCC050

Tot Ion: 43 Resp: 3557285

Ion Ratio Lower Upper

43 100

86 10.6 8.7 13.1



#24

1,1-Dichloroethane

Concen: 51.499 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

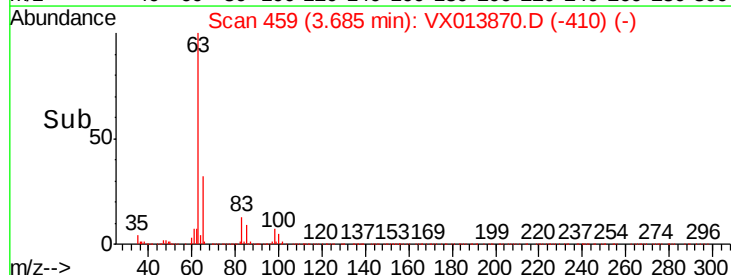
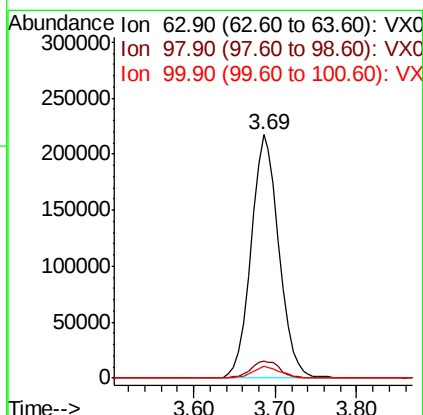
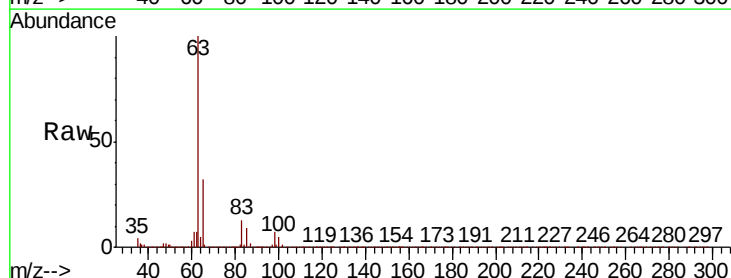
Tgt Ion: 63 Resp: 516086

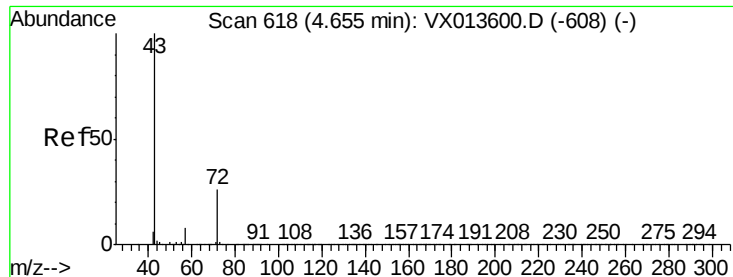
Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.4

100 4.8 2.1 6.3





#25

2-Butanone

Concen: 266.944 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Instrument :

MSVOA_X

ClientSampleId :

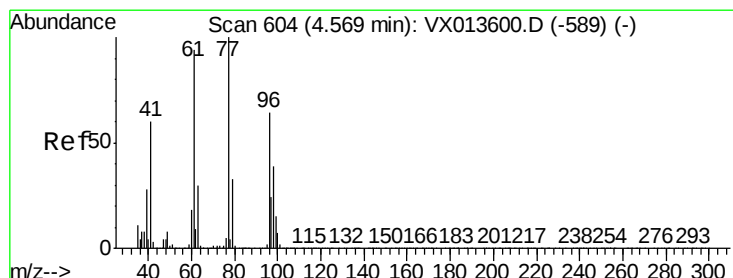
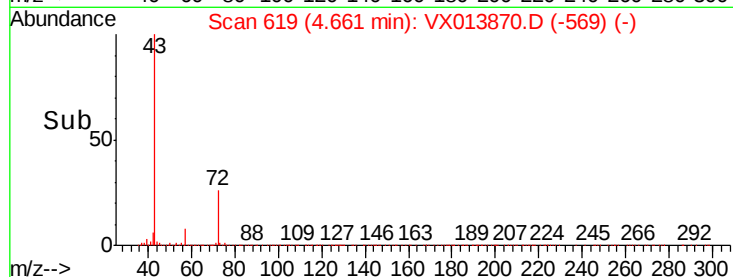
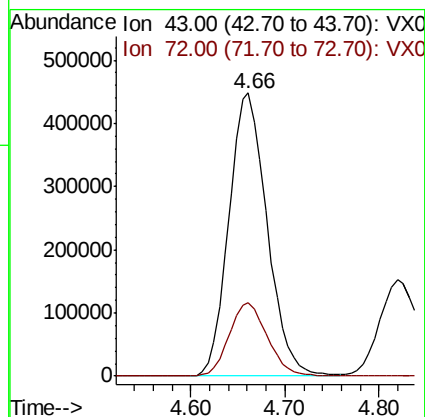
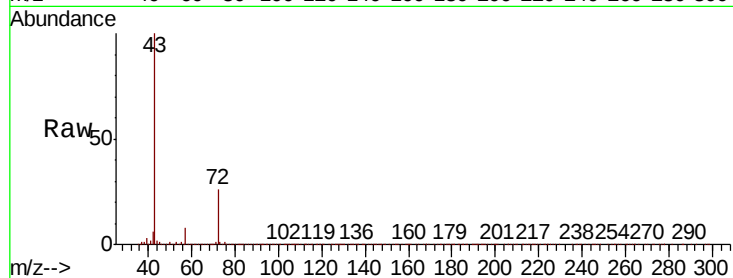
VSTDCCC050

Tot Ion: 43 Resp: 1253318

Ion Ratio Lower Upper

43 100

72 25.7 20.6 31.0



#26

2,2-Dichloropropane

Concen: 42.365 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX013870.D

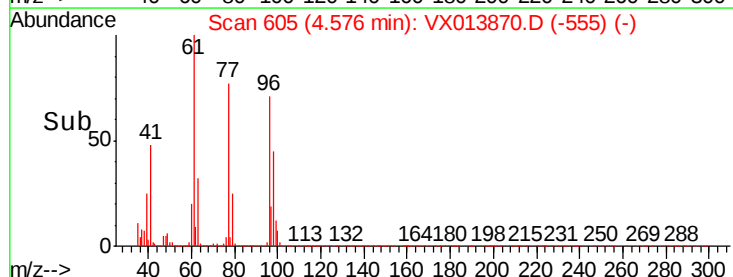
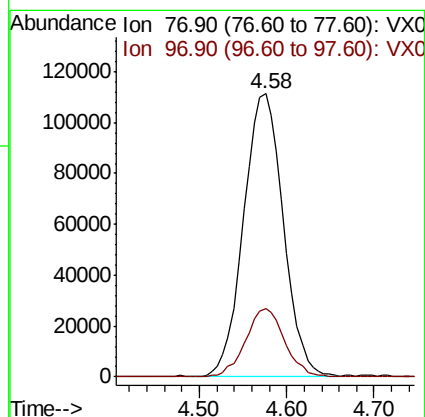
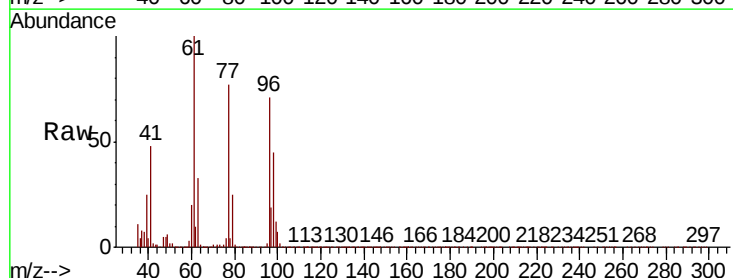
Acq: 09 Dec 2019 23:10

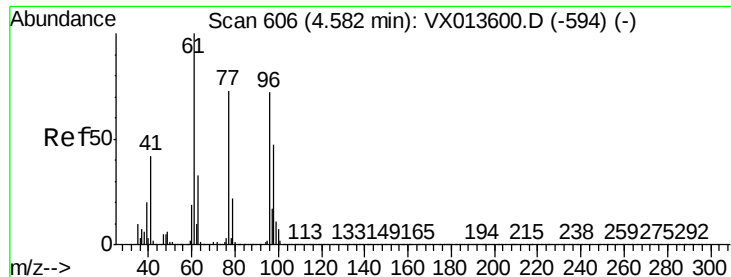
Tgt Ion: 77 Resp: 351261

Ion Ratio Lower Upper

77 100

97 23.5 12.0 36.1



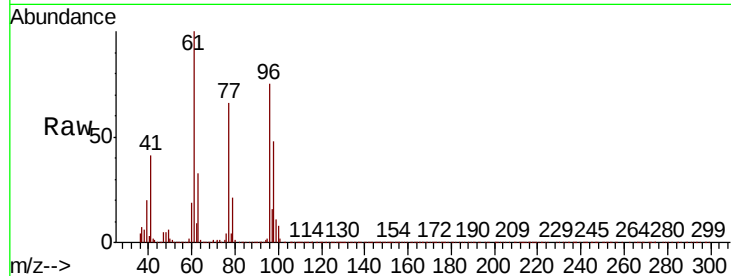


#27

cis-1,2-Dichloroethene
Concen: 49.990 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013870.D
Acq: 09 Dec 2019 23:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.4	0.0	286.4
98	64.1	0.0	127.4

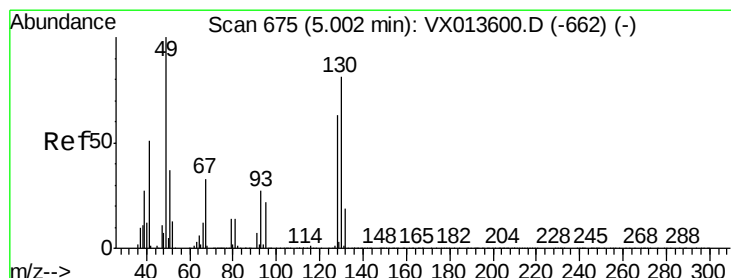
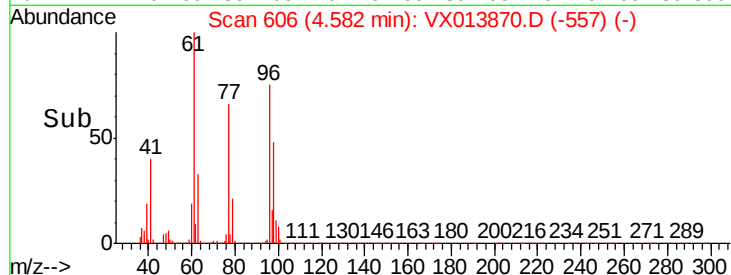
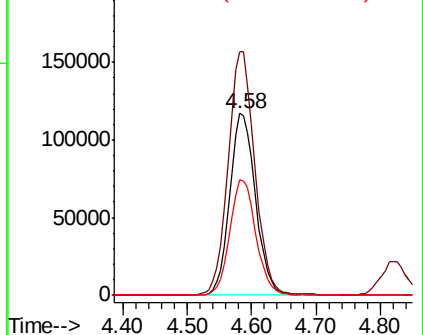


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

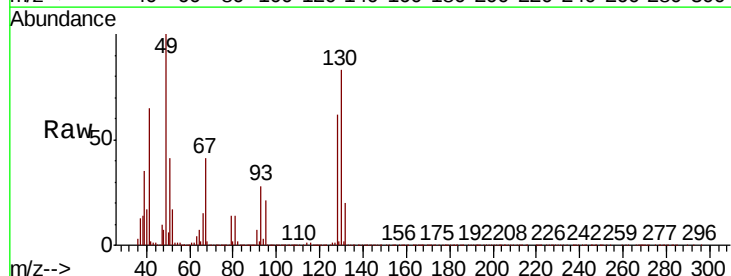
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 54.741 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX013870.D
Acq: 09 Dec 2019 23:10

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.0
130	81.4	65.4	98.0

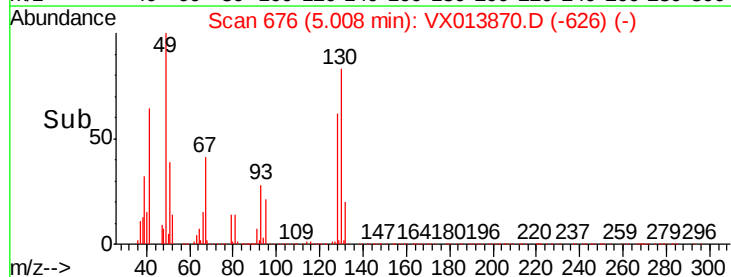
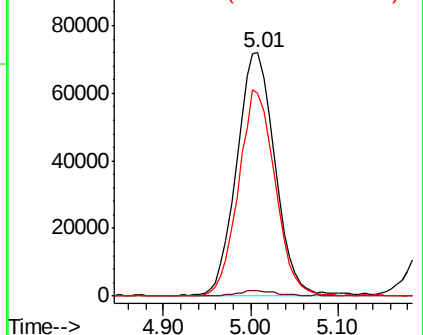


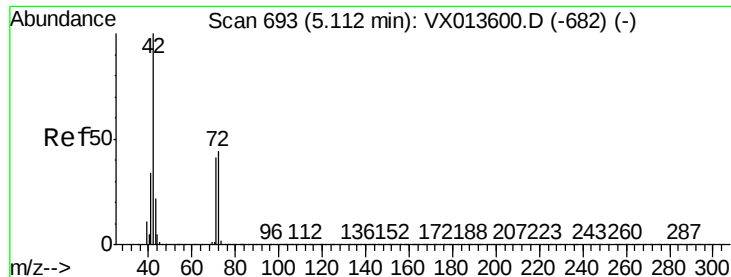
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 260.885 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

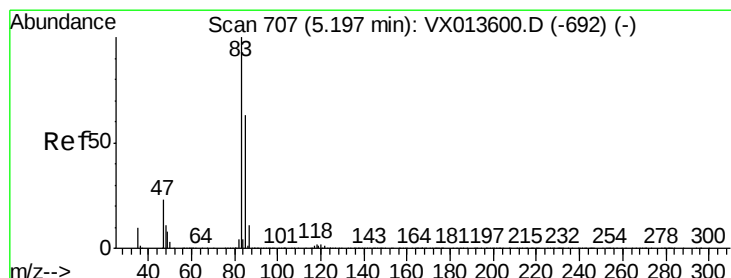
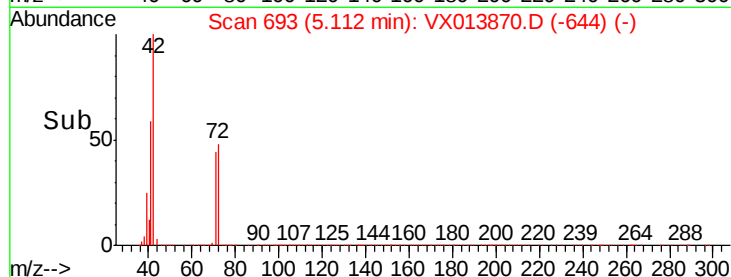
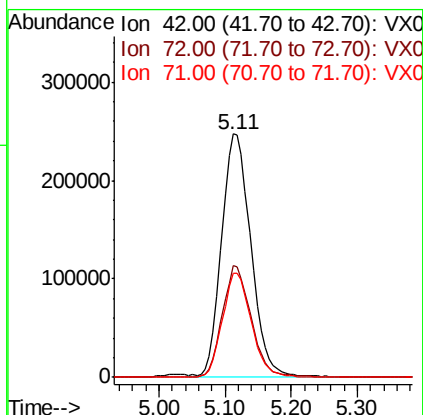
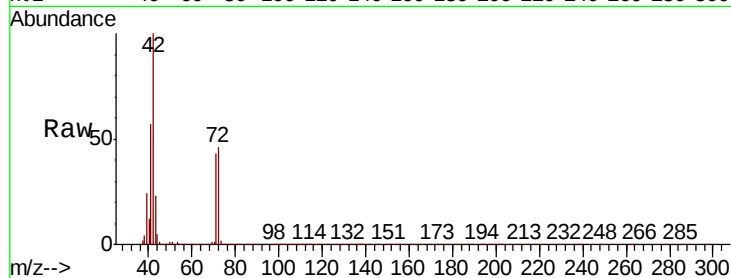
Tot Ion: 42 Resp: 755092

Ion Ratio Lower Upper

42 100

72 45.7 36.3 54.5

71 42.1 33.2 49.8



#30

Chloroform

Concen: 49.811 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.01 min

Lab File: VX013870.D

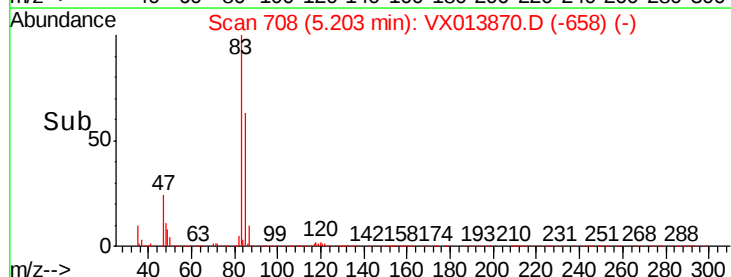
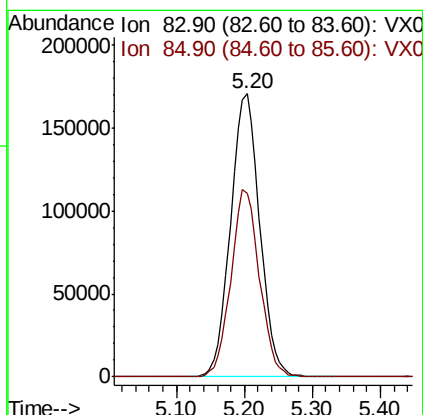
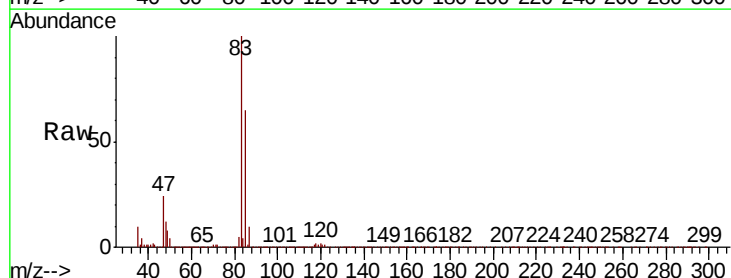
Acq: 09 Dec 2019 23:10

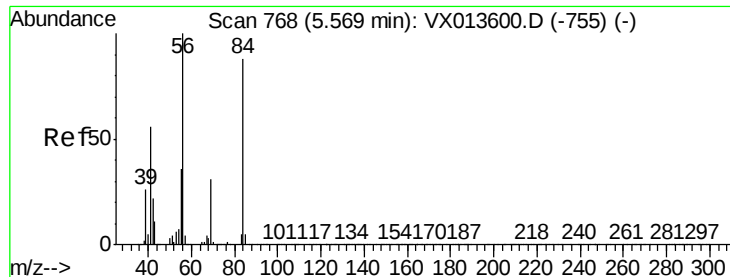
Tgt Ion: 83 Resp: 506233

Ion Ratio Lower Upper

83 100

85 64.7 50.2 75.4

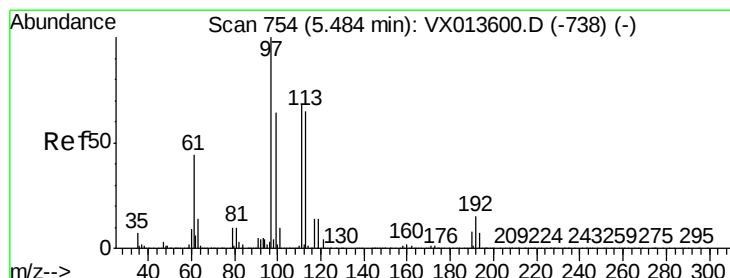
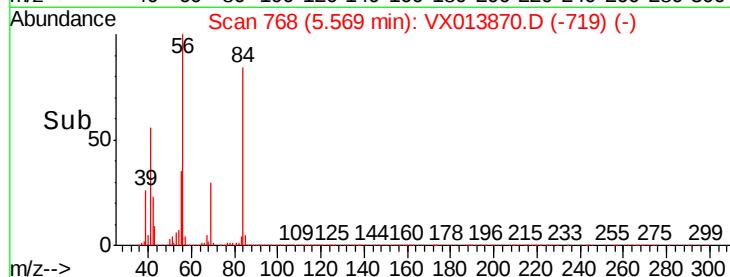
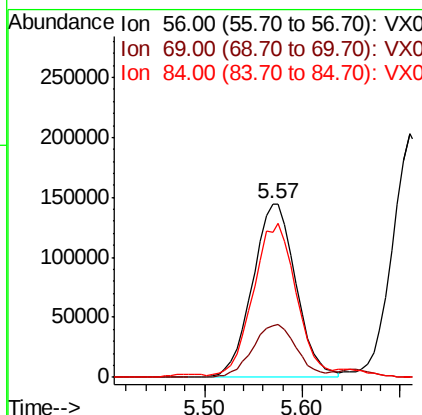
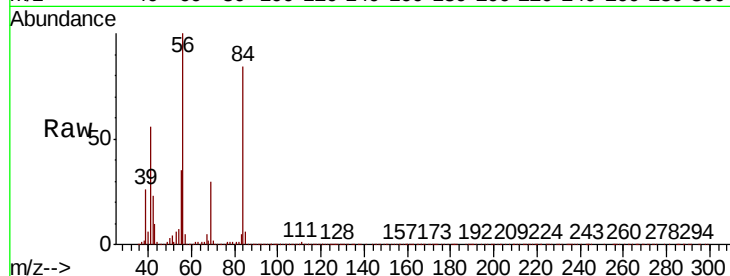




#31
Cyclohexane
Concen: 46.976 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013870.D
Acq: 09 Dec 2019 23:10

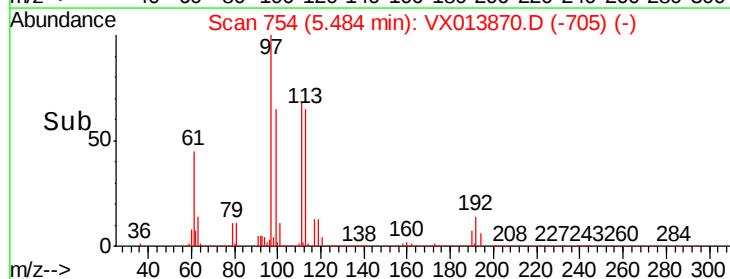
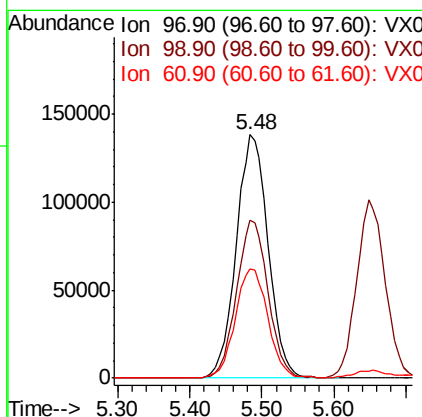
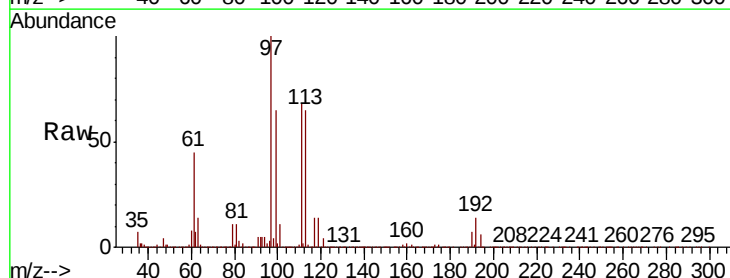
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

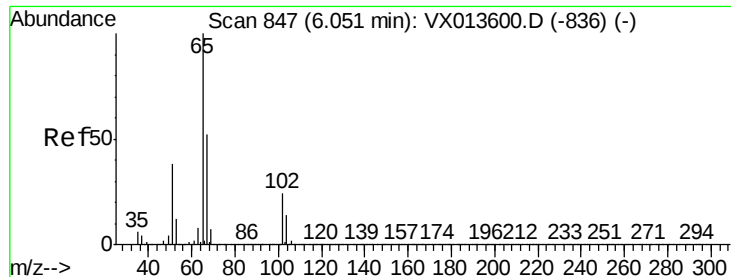
Tot Ion: 56 Resp: 444017
Ion Ratio Lower Upper
56 100
69 29.9 24.6 36.8
84 82.5 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 49.882 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013870.D
Acq: 09 Dec 2019 23:10

Tgt Ion: 97 Resp: 423645
Ion Ratio Lower Upper
97 100
99 64.2 51.6 77.4
61 45.5 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 47.708 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Instrument :

MSVOA_X

ClientSampleId :

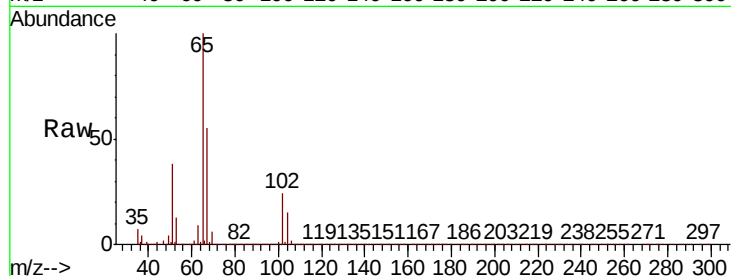
VSTDCCC050

Tot Ion: 65 Resp: 305269

Ion Ratio Lower Upper

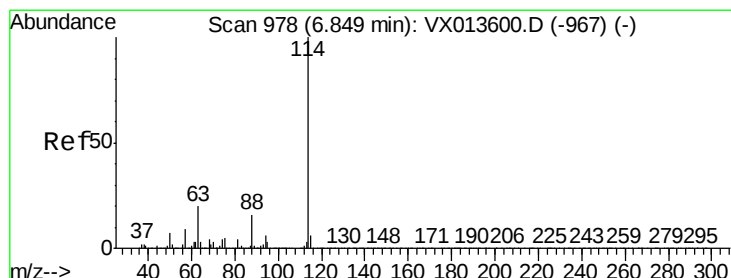
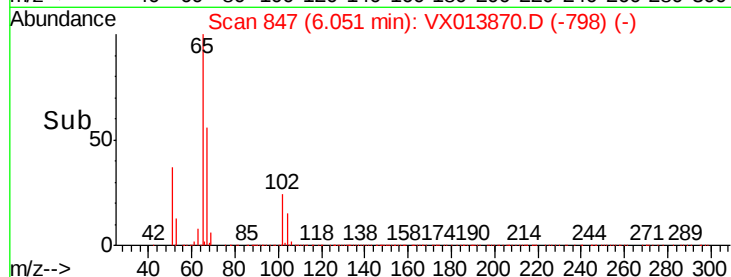
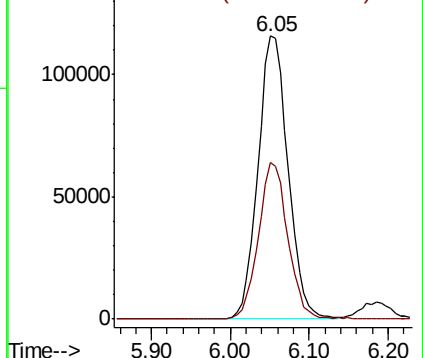
65 100

67 53.5 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

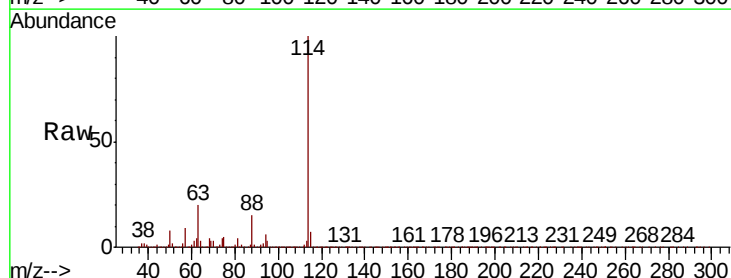
Tgt Ion: 114 Resp: 853825

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.6

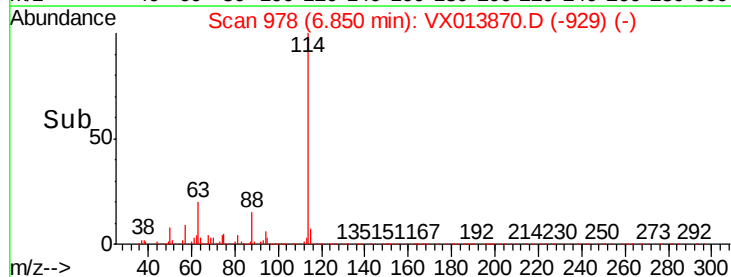
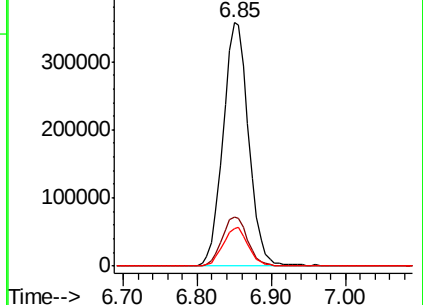
88 15.5 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.538 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

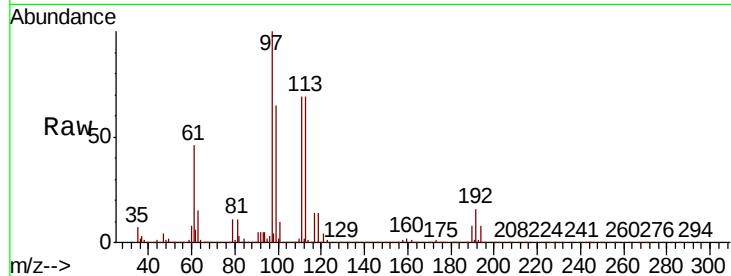
Tot Ion:113 Resp: 261485

Ion Ratio Lower Upper

113 100

111 103.0 83.6 125.4

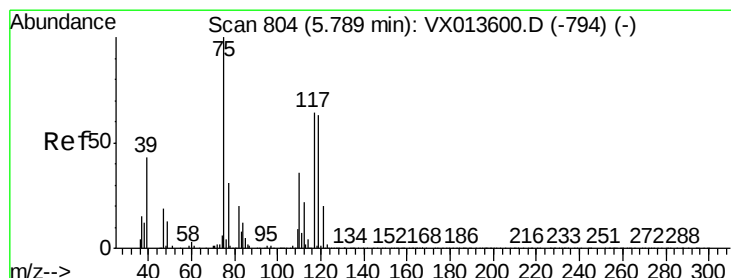
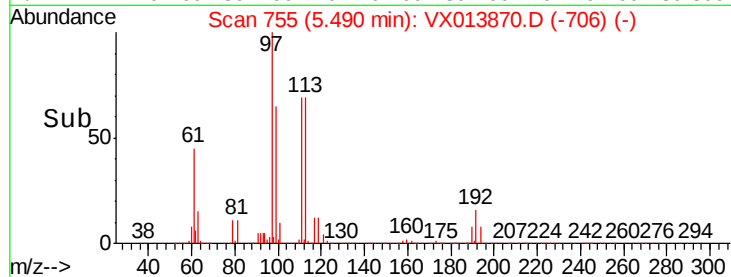
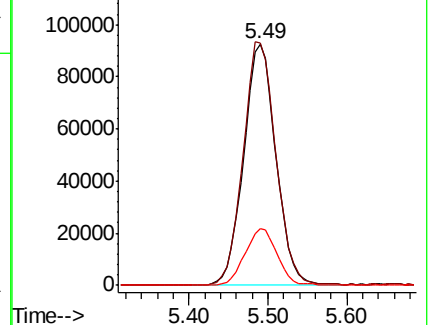
192 23.6 19.2 28.8



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: 47.536 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

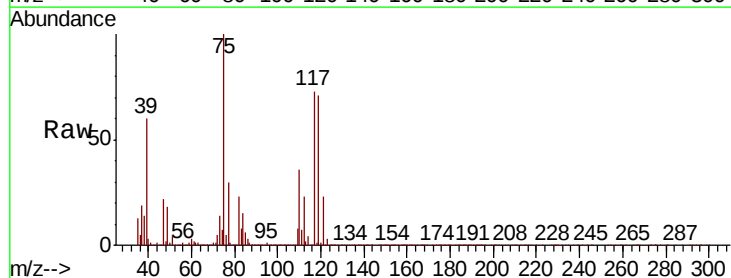
Tgt Ion: 75 Resp: 368433

Ion Ratio Lower Upper

75 100

110 37.1 18.1 54.1

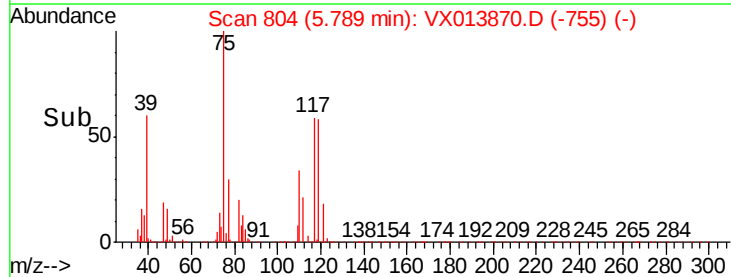
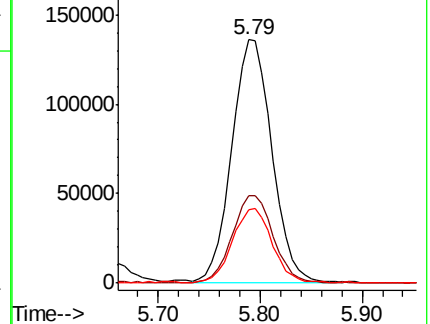
77 30.4 24.5 36.7

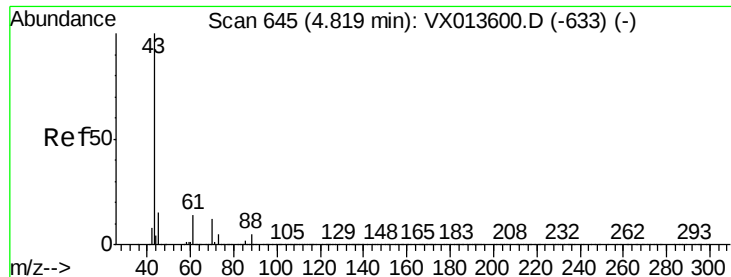


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

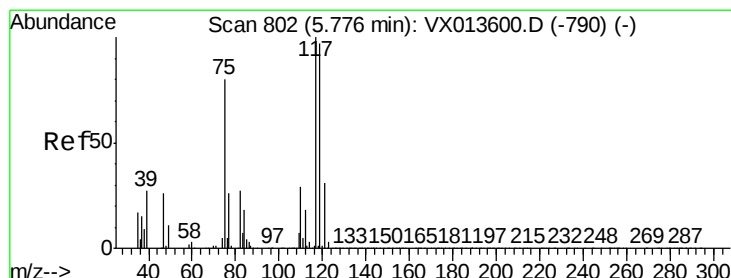
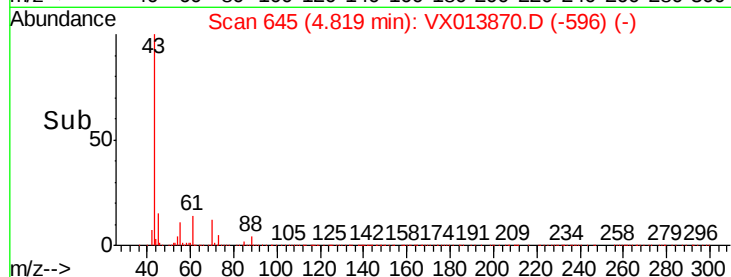
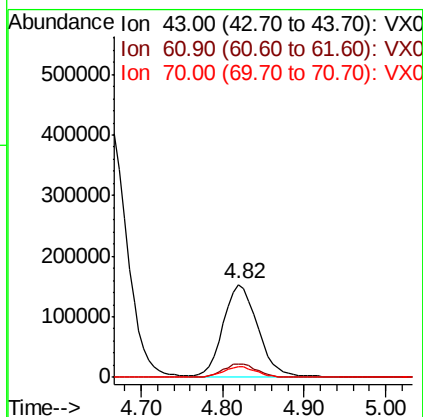
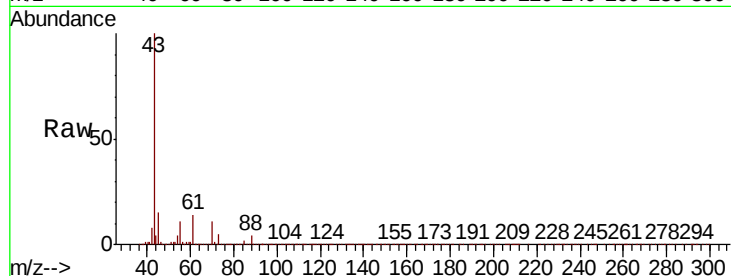




#37
Ethyl Acetate
Concen: 51.101 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013870.D
Acq: 09 Dec 2019 23:10

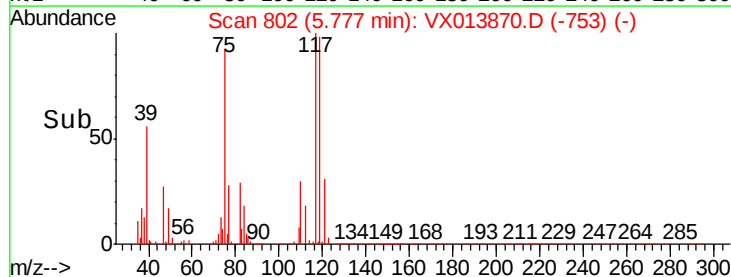
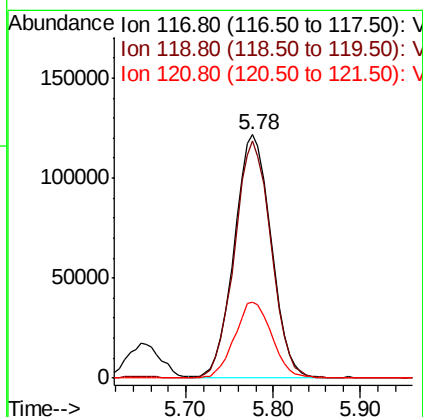
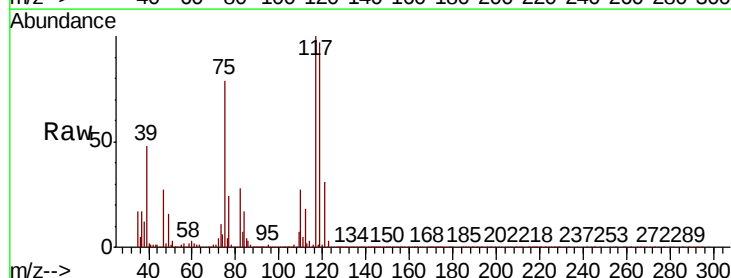
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

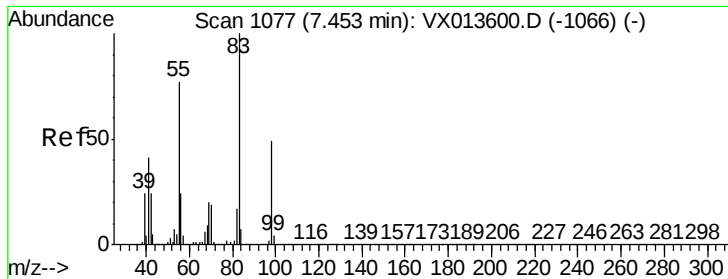
Tot Ion: 43 Resp: 444318
Ion Ratio Lower Upper
43 100
61 14.1 11.0 16.4
70 11.3 8.6 12.8



#38
Carbon Tetrachloride
Concen: 49.868 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013870.D
Acq: 09 Dec 2019 23:10

Tgt Ion: 117 Resp: 356395
Ion Ratio Lower Upper
117 100
119 97.3 77.5 116.3
121 31.0 25.0 37.6

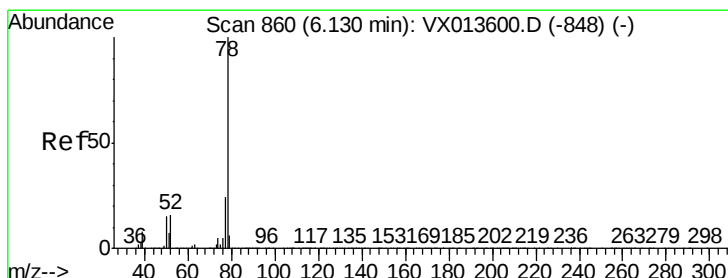
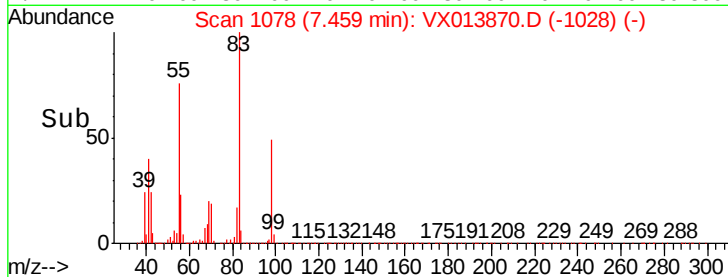
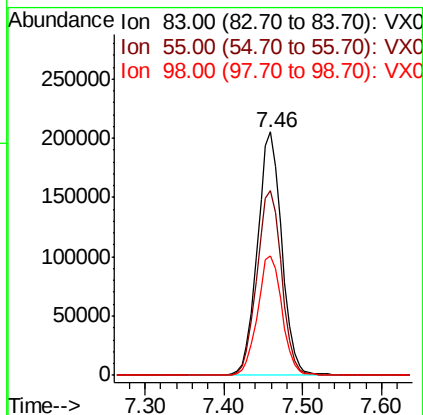
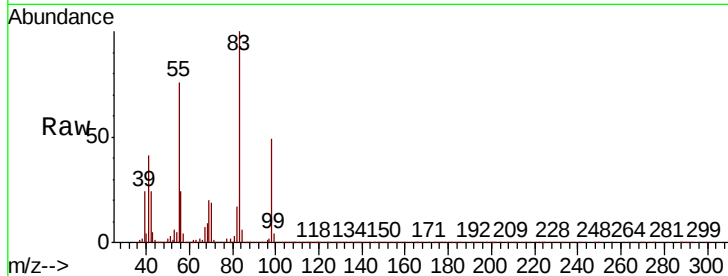




#39
Methvlcvclohexane
Concen: 45.930 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013870.D
Acq: 09 Dec 2019 23:10

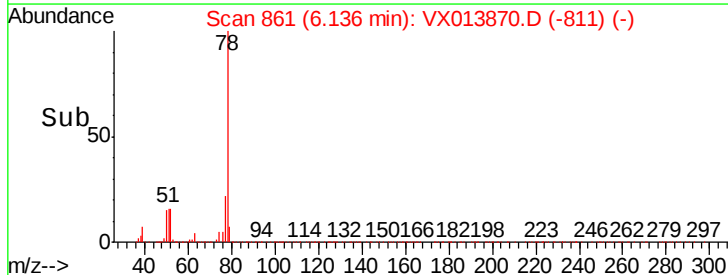
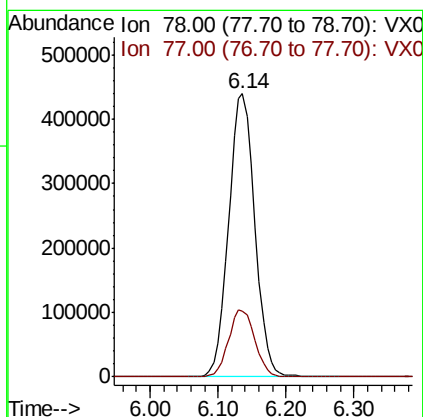
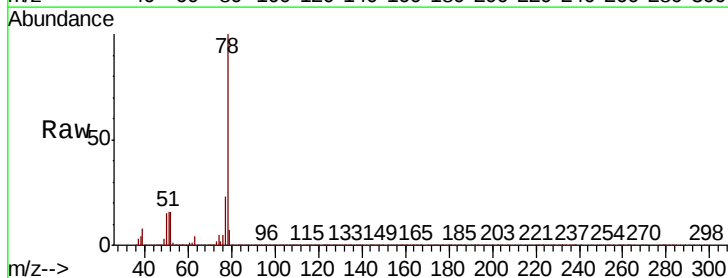
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

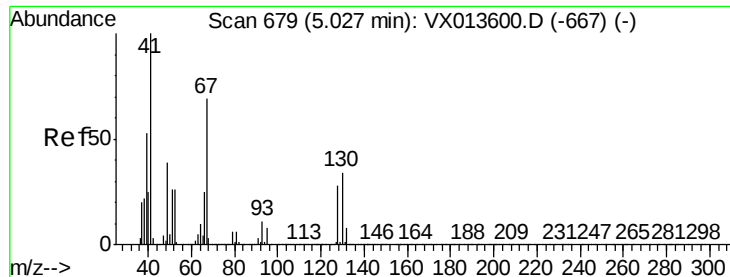
Tot Ion: 83 Resp: 440034
Ion Ratio Lower Upper
83 100
55 76.1 61.9 92.9
98 48.8 39.4 59.0



#40
Benzene
Concen: 49.671 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013870.D
Acq: 09 Dec 2019 23:10

Tgt Ion: 78 Resp: 1172511
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.4





#41

Methacrylonitrile

Concen: 55.169 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.01 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 263074

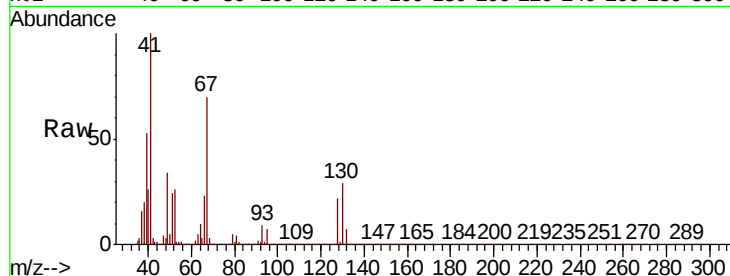
Ion Ratio Lower Upper

41 100

39 54.4 42.9 64.3

67 70.1 57.4 86.0

52 26.8 22.4 33.6

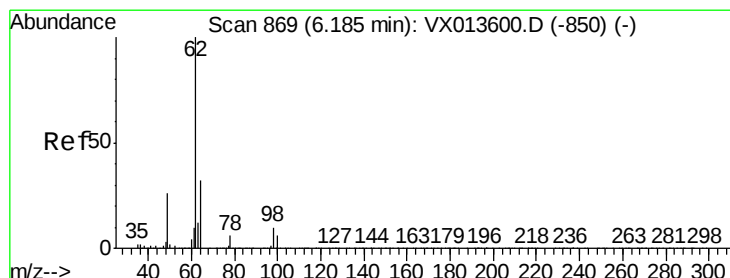
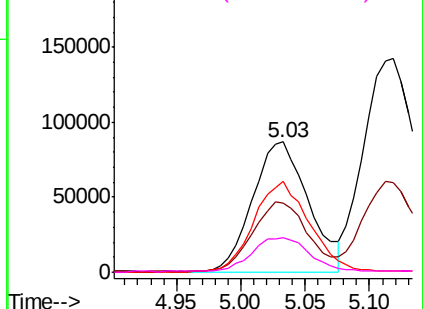
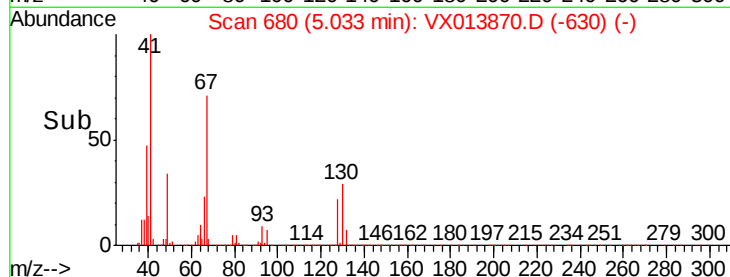


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 50.225 ug/l

RT: 6.18 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX013870.D

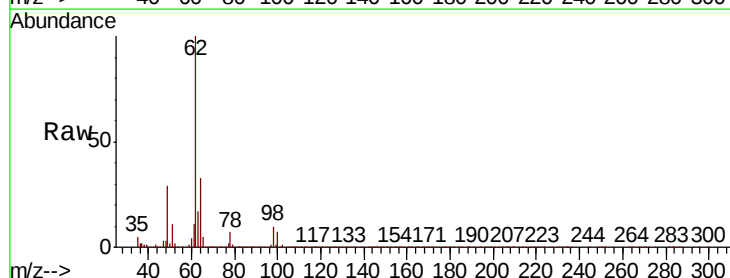
Acq: 09 Dec 2019 23:10

Tgt Ion: 62 Resp: 404341

Ion Ratio Lower Upper

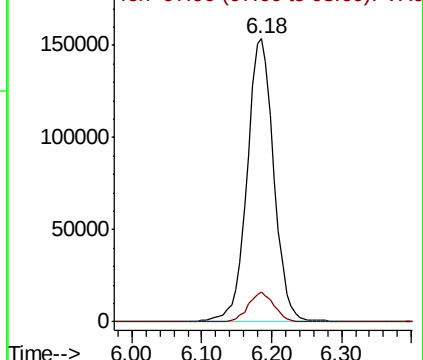
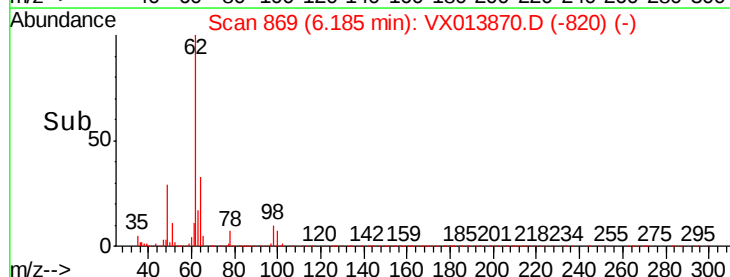
62 100

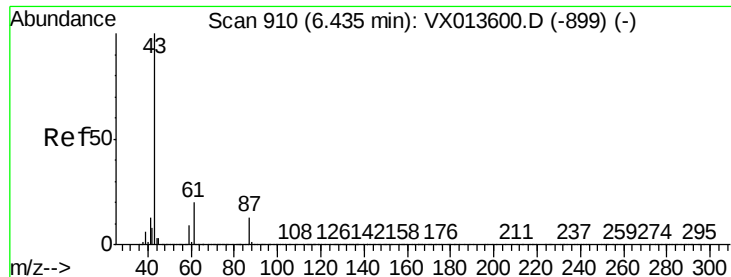
98 10.1 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



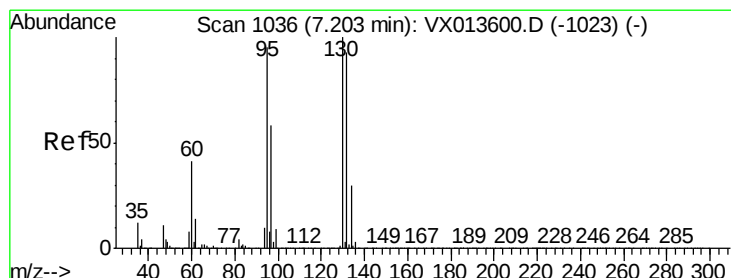
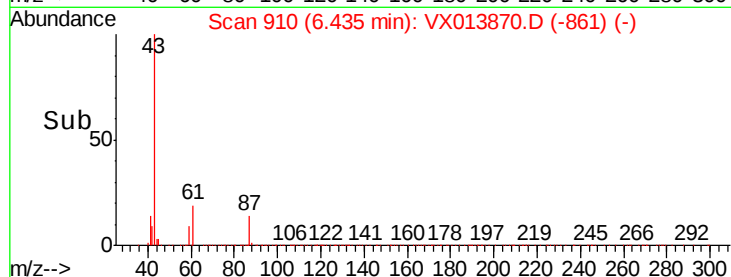
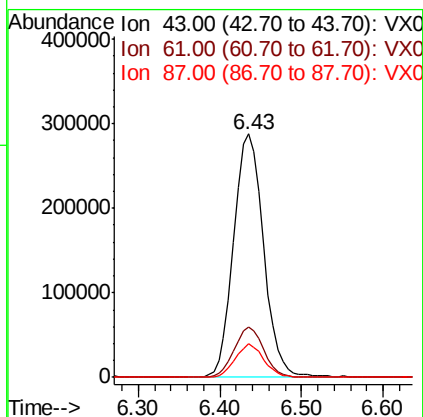
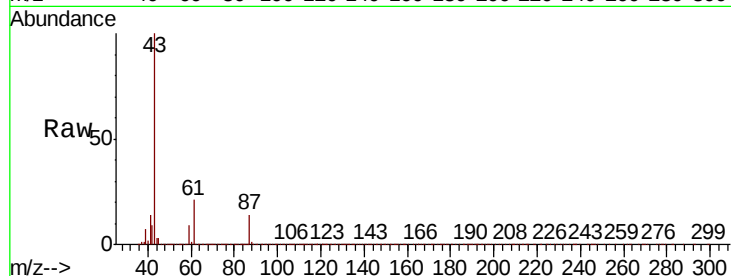


#43

Isopropyl Acetate
 Concen: 50.745 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX013870.D
 Acq: 09 Dec 2019 23:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

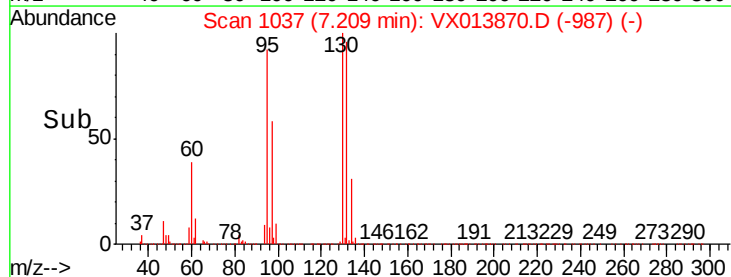
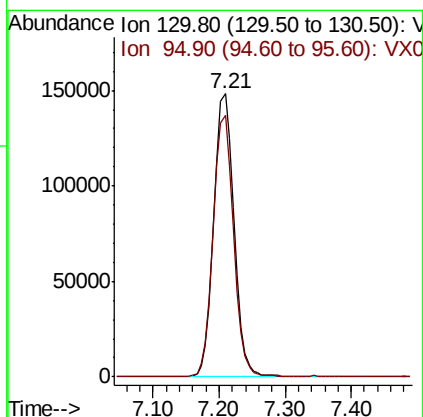
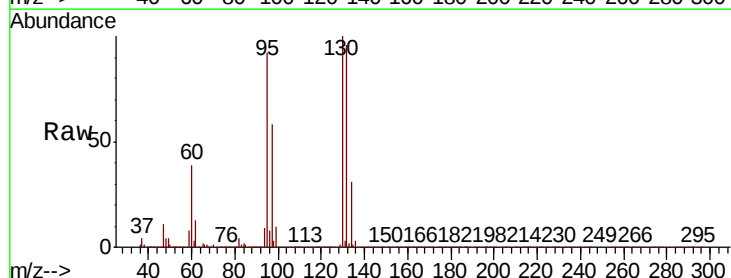
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.4	16.3	24.5
87	13.2	10.8	16.2

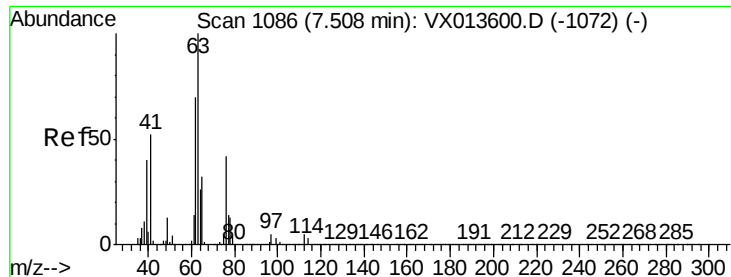


#44

Trichloroethene
 Concen: 48.937 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX013870.D
 Acq: 09 Dec 2019 23:10

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.3	0.0	190.8

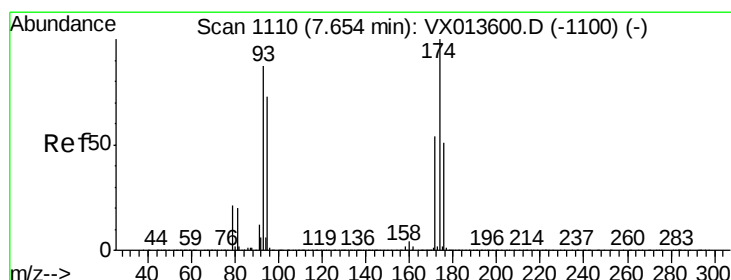
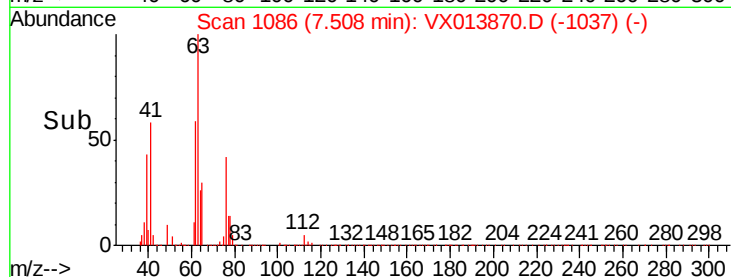
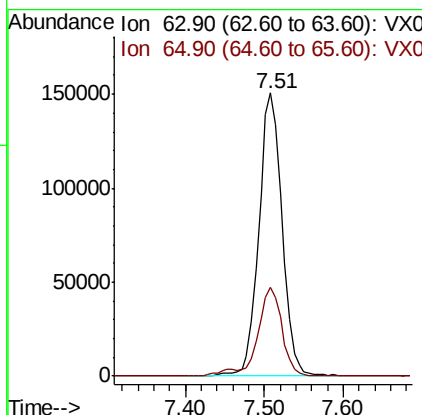
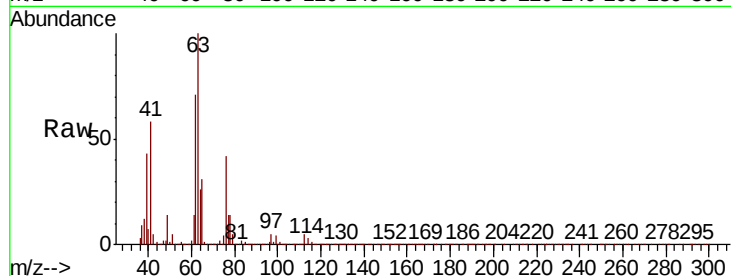




#45
 1,2-Dichloropropane
 Concen: 51.906 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX013870.D
 Acq: 09 Dec 2019 23:10

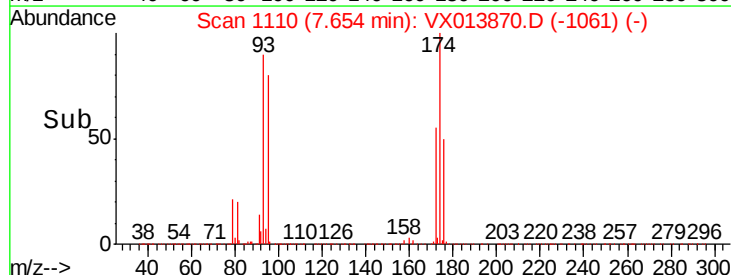
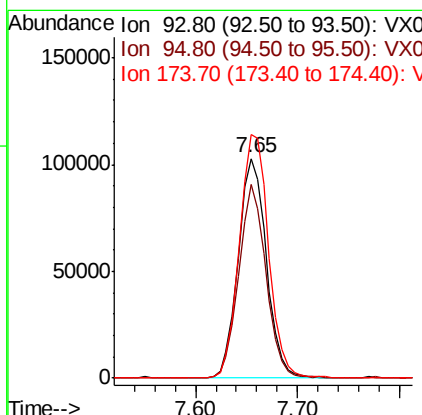
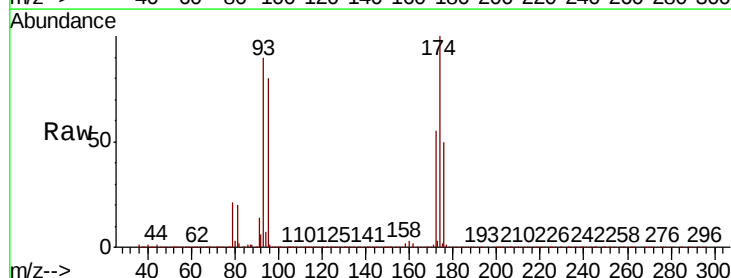
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

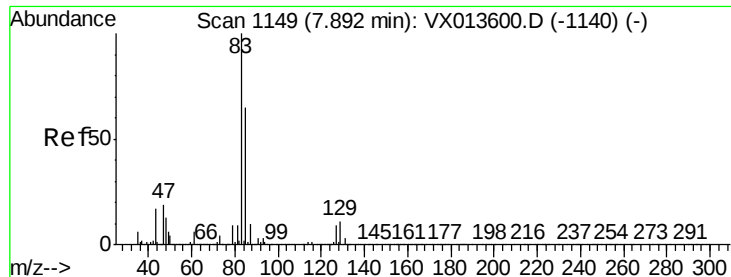
Tot Ion: 63 Resp: 306564
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.5 38.3



#46
 Dibromomethane
 Concen: 48.758 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013870.D
 Acq: 09 Dec 2019 23:10

Tgt Ion: 93 Resp: 195581
 Ion Ratio Lower Upper
 93 100
 95 85.4 66.2 99.2
 174 116.1 93.4 140.0





#47

Bromodichloromethane

Concen: 51.628 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

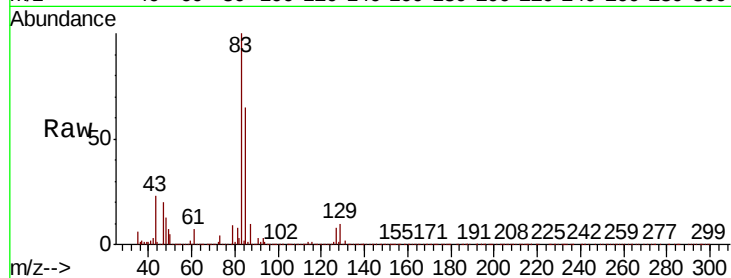
Tot Ion: 83 Resp: 391501

Ion Ratio Lower Upper

83 100

85 64.8 52.1 78.1

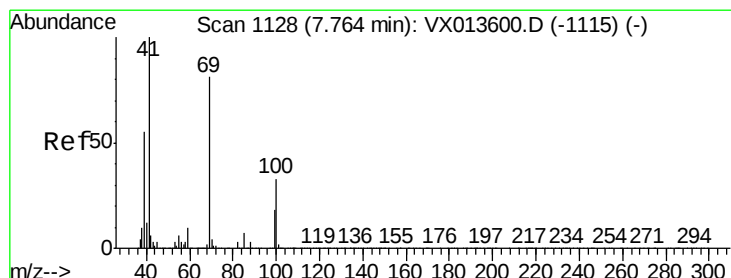
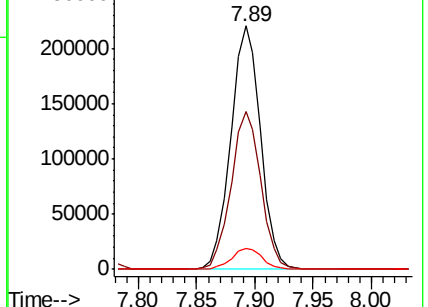
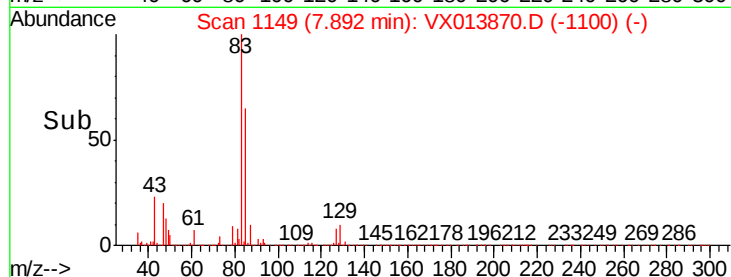
127 8.4 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX013870.D (-1100) (-)

Ion 84.90 (84.60 to 85.60): VX013870.D (-1100) (-)

Ion 126.80 (126.50 to 127.50): VX013870.D (-1100) (-)



#48

Methyl methacrylate

Concen: 52.539 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

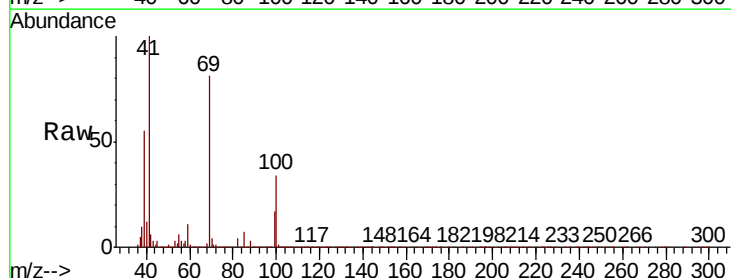
Tgt Ion: 41 Resp: 365419

Ion Ratio Lower Upper

41 100

69 80.0 64.7 97.1

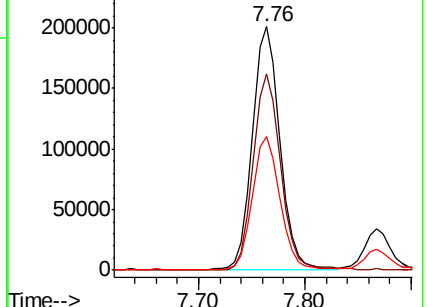
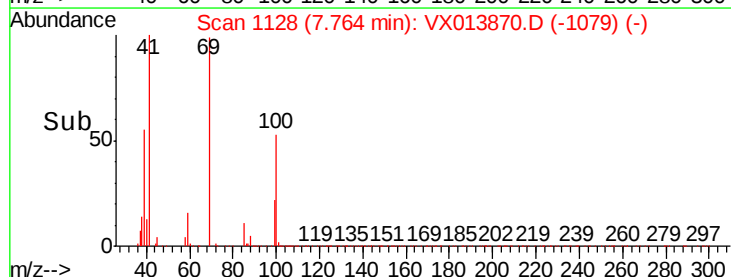
39 55.1 43.8 65.6

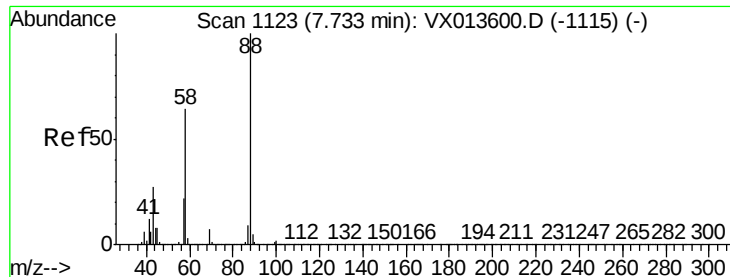


Abundance Ion 41.00 (40.70 to 41.70): VX013870.D (-1079) (-)

Ion 69.00 (68.70 to 69.70): VX013870.D (-1079) (-)

Ion 39.00 (38.70 to 39.70): VX013870.D (-1079) (-)





#49

1,4-Dioxane

Concen: 876.240 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Instrument :

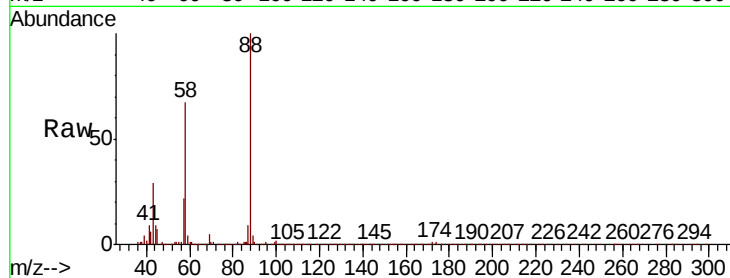
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 88 Resp: 136416

Ion	Ratio	Lower	Upper
88	100		
43	33.5	25.8	38.6
58	70.9	54.6	82.0

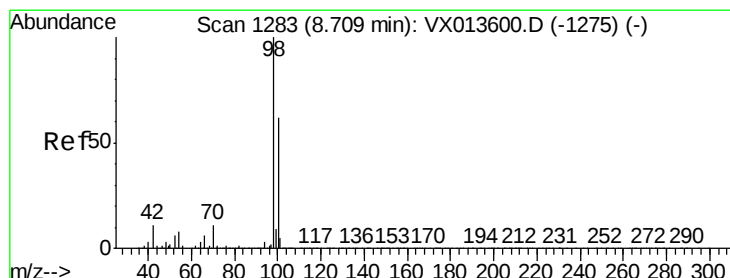
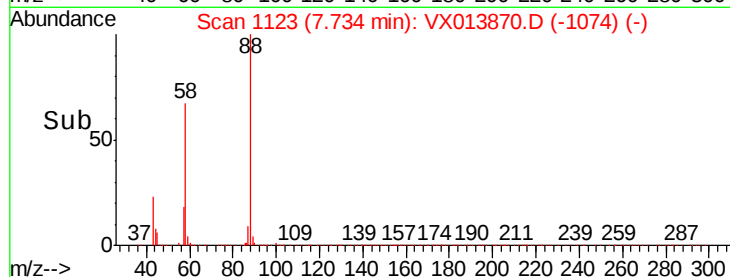
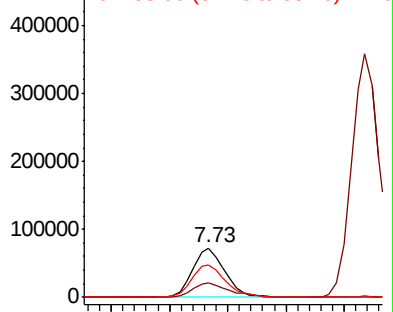


Abundance

Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 47.456 ug/l

RT: 8.71 min Scan# 1283

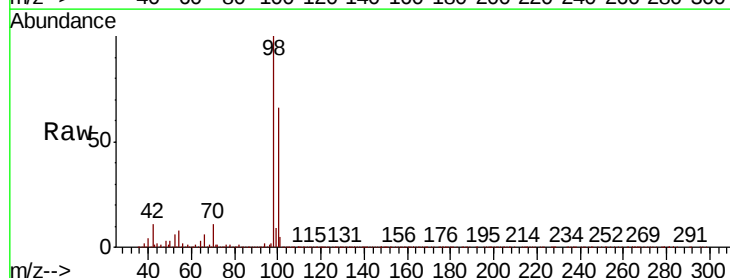
Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Tgt Ion: 98 Resp: 975953

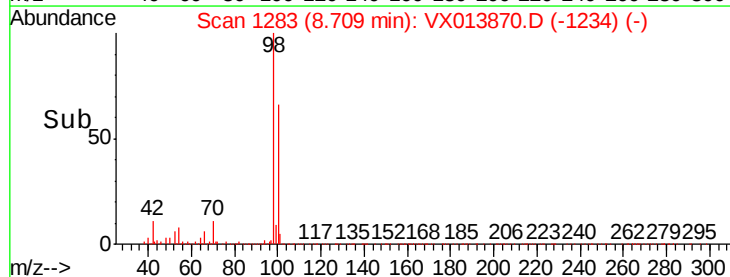
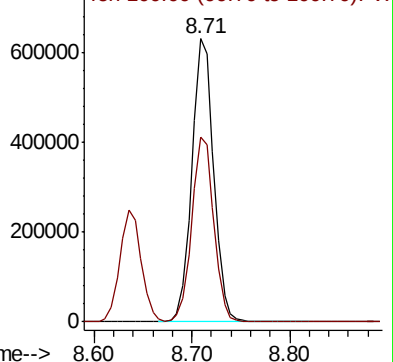
Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.1	79.7

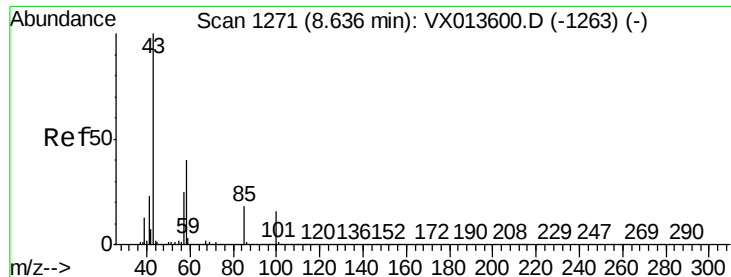


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 263.400 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Instrument :

MSVOA_X

ClientSampleId :

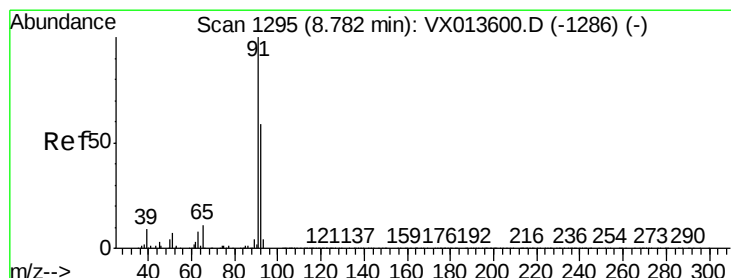
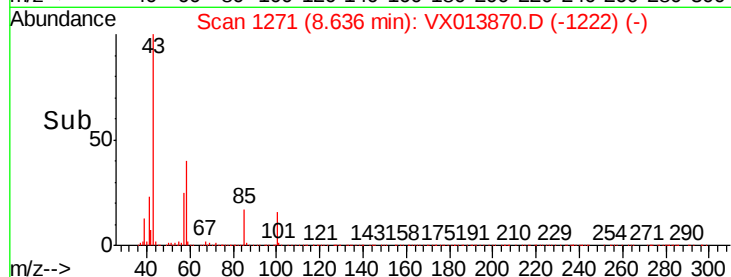
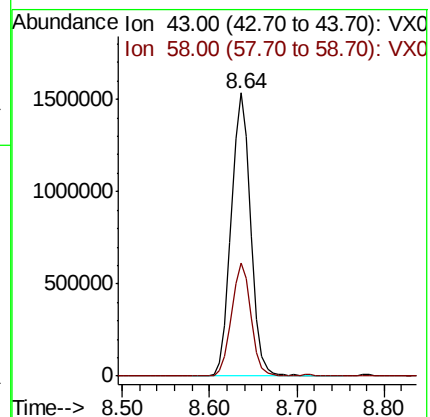
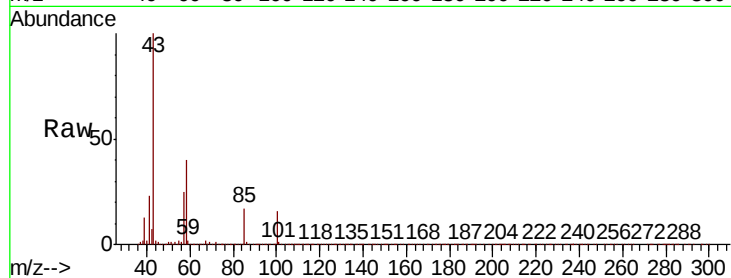
VSTDCCC050

Tot Ion: 43 Resp: 2371722

Ion Ratio Lower Upper

43 100

58 39.5 32.1 48.1



#52

Toluene

Concen: 49.551 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX013870.D

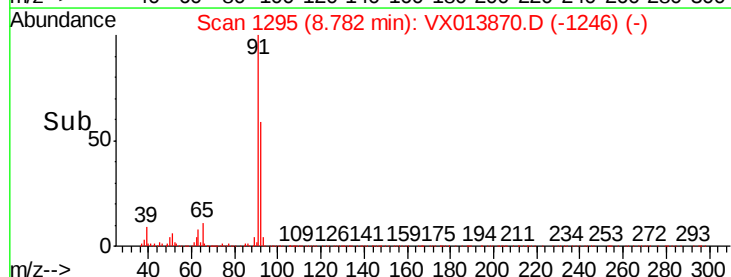
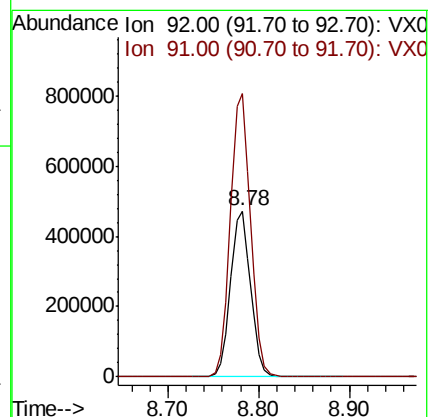
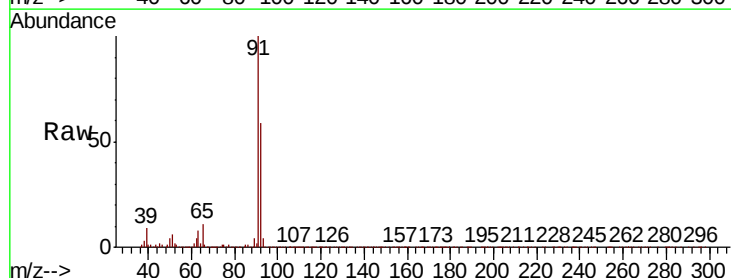
Acq: 09 Dec 2019 23:10

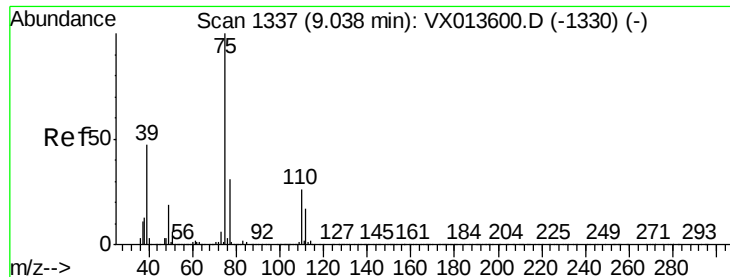
Tgt Ion: 92 Resp: 726663

Ion Ratio Lower Upper

92 100

91 171.5 136.2 204.2





#53

t-1,3-Dichloropropene

Concen: 49.189 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Instrument :

MSVOA_X

ClientSampleId :

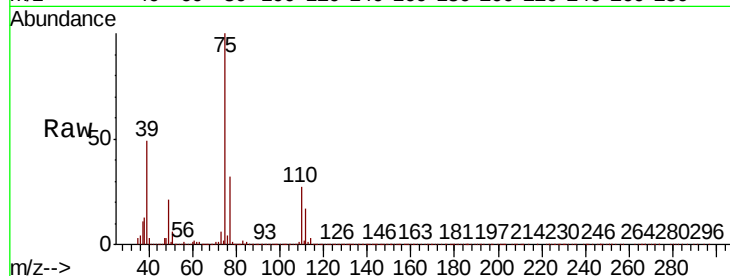
VSTDCCC050

Tot Ion: 75 Resp: 424571

Ion Ratio Lower Upper

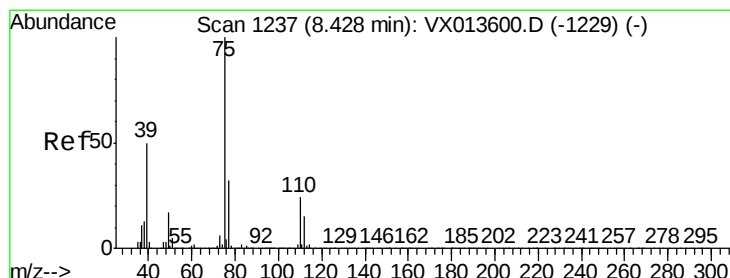
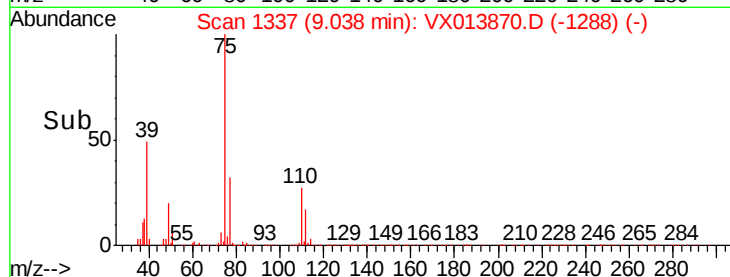
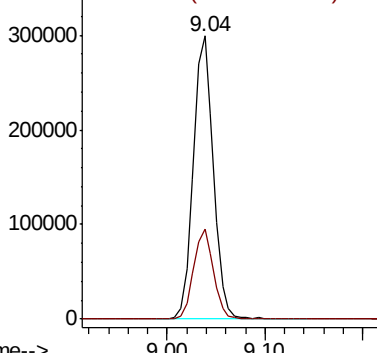
75 100

77 31.6 24.4 36.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 50.485 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

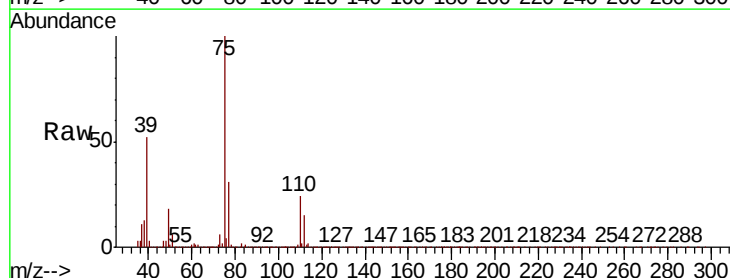
Tgt Ion: 75 Resp: 476074

Ion Ratio Lower Upper

75 100

77 31.0 25.8 38.6

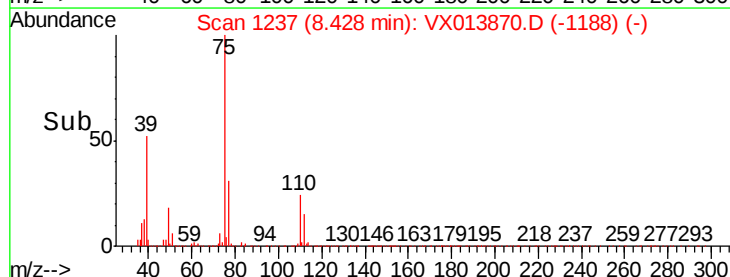
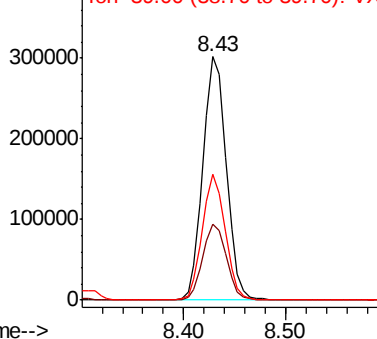
39 51.5 39.9 59.9

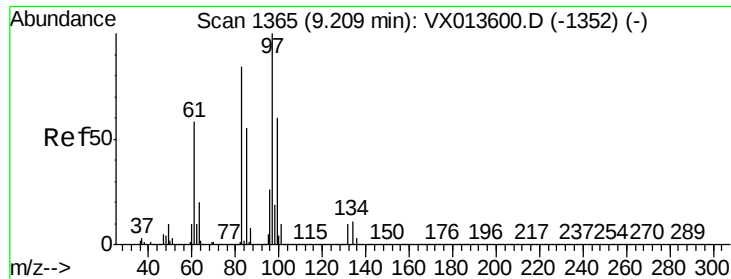


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

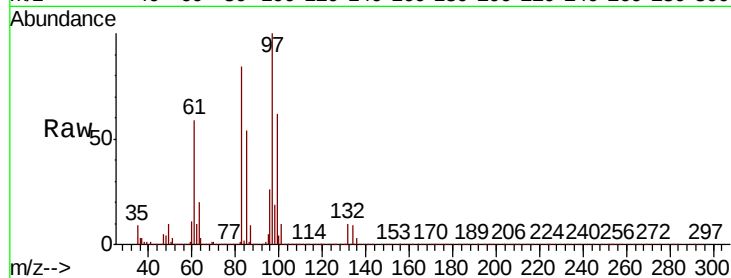




#55
 1,1,2-Trichloroethane
 Concen: 52.744 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013870.D
 Acq: 09 Dec 2019 23:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	311700
Ion	Ratio	Lower	Upper
97	100		
83	83.9	67.3	100.9
85	54.2	43.6	65.4
99	61.5	48.2	72.4



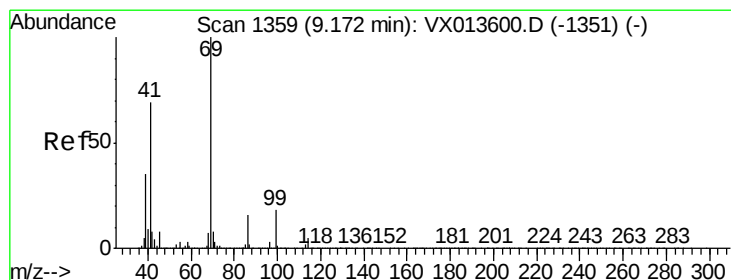
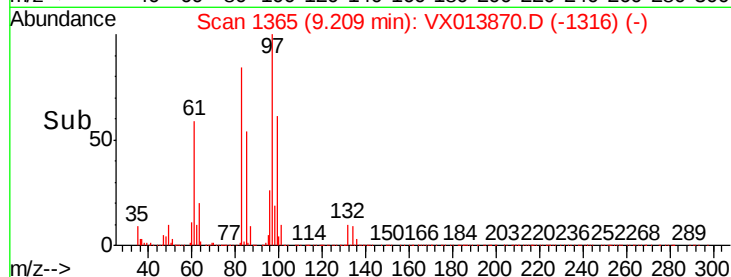
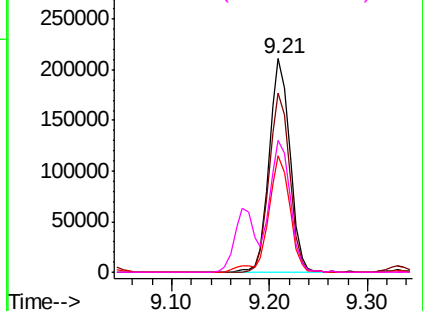
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

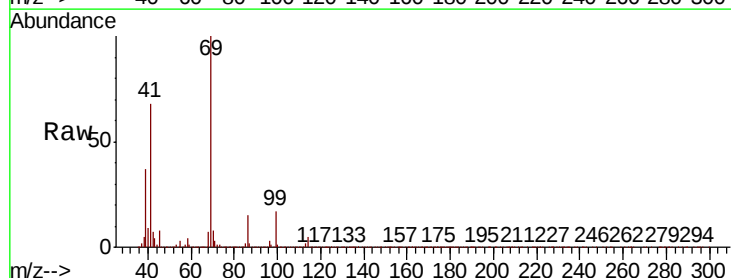
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 52.003 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013870.D
 Acq: 09 Dec 2019 23:10

Tgt Ion:	69	Resp:	494090
Ion	Ratio	Lower	Upper
69	100		
41	67.6	55.0	82.4
39	36.1	28.7	43.1

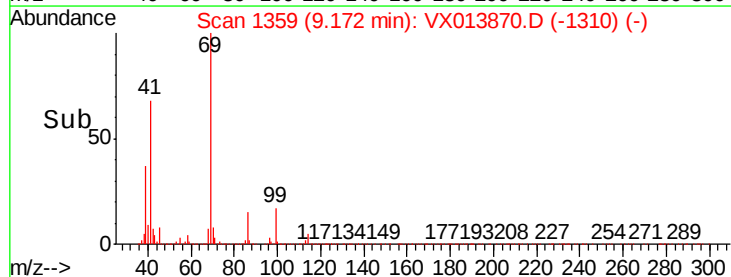
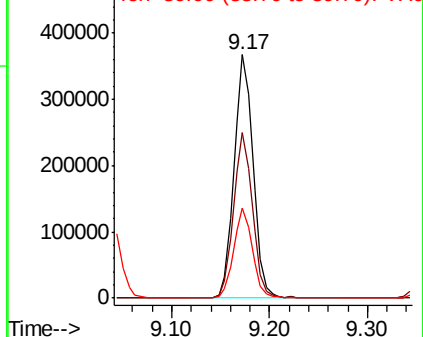


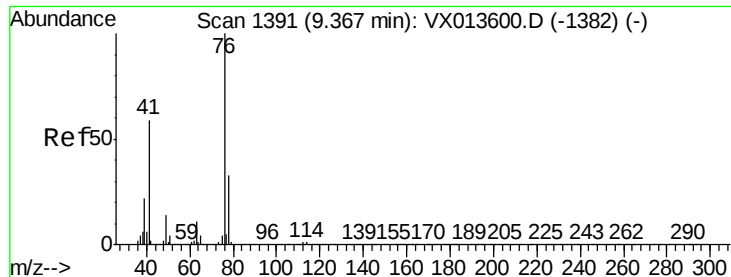
Abundance

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

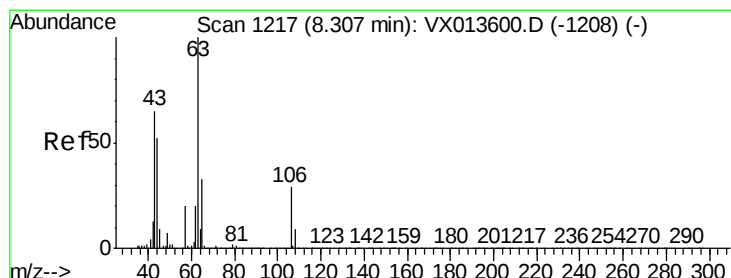
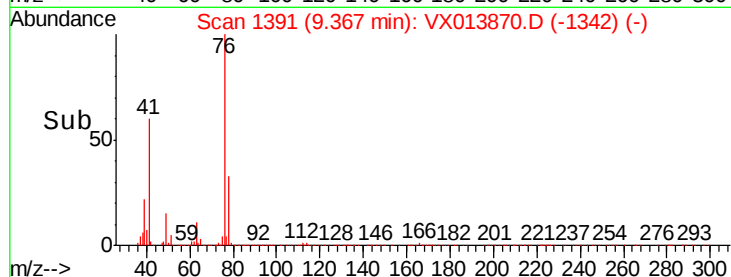
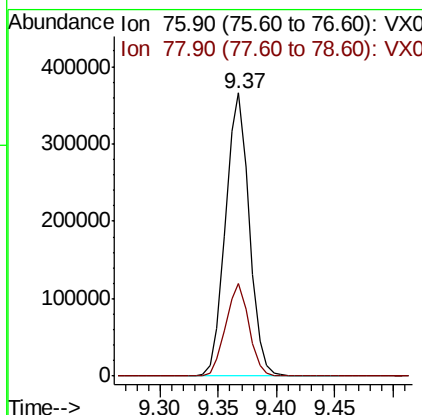
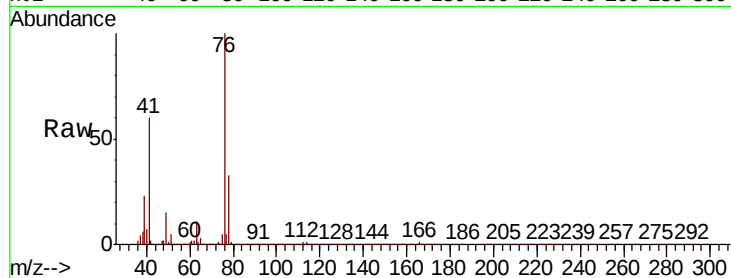




#57
 1,3-Dichloropropane
 Concen: 50.611 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX013870.D
 Acq: 09 Dec 2019 23:10

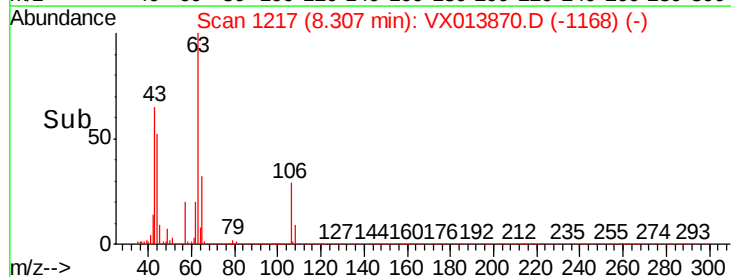
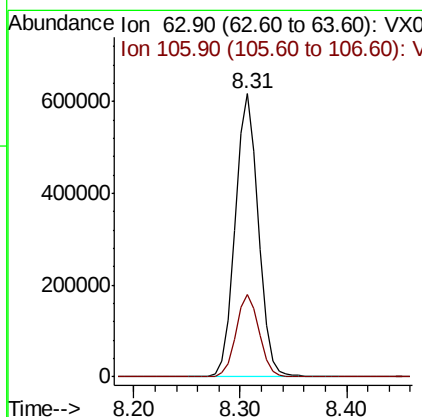
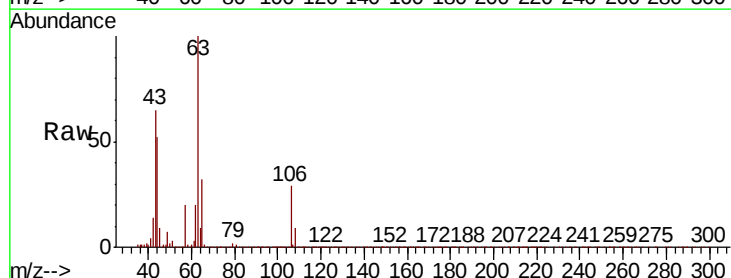
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

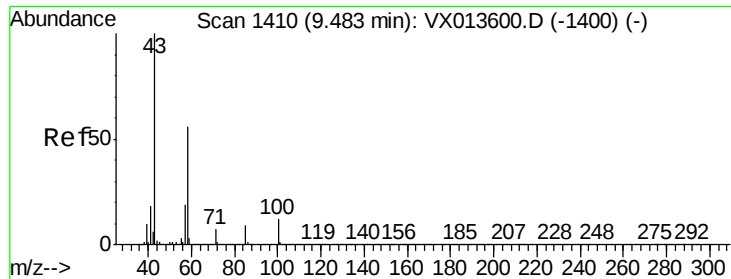
Tot Ion: 76 Resp: 515534
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 253.159 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX013870.D
 Acq: 09 Dec 2019 23:10

Tgt Ion: 63 Resp: 943064
 Ion Ratio Lower Upper
 63 100
 106 29.3 23.4 35.0

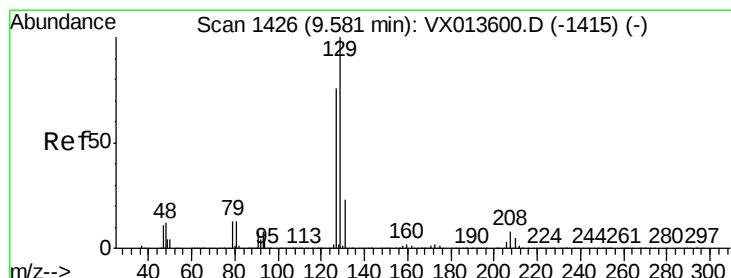
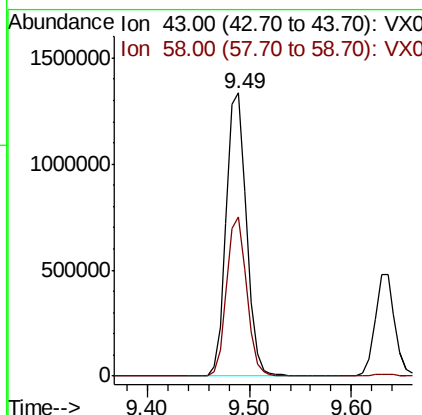
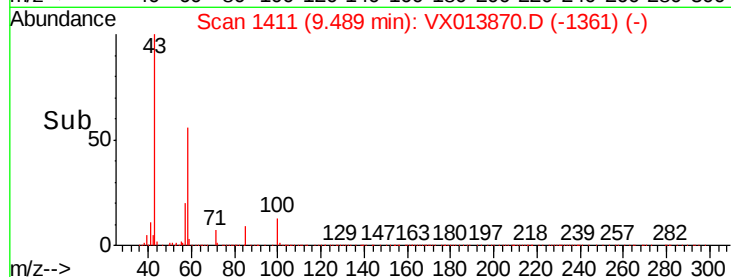
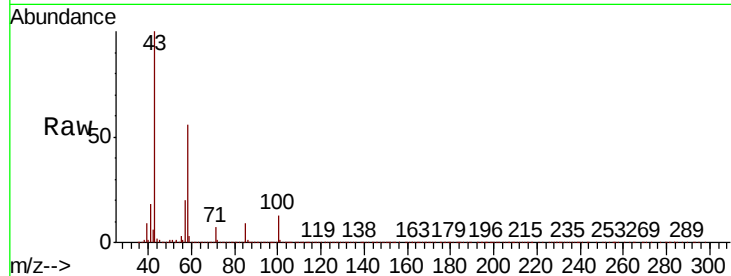




#59
2-Hexanone
Concen: 261.115 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX013870.D
Acq: 09 Dec 2019 23:10

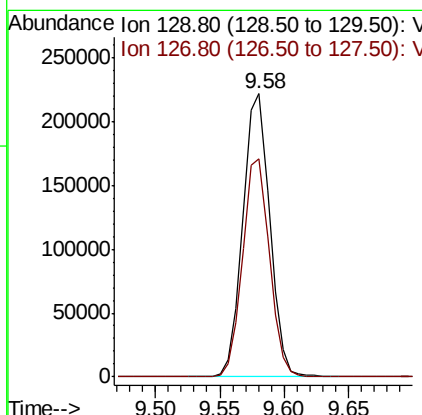
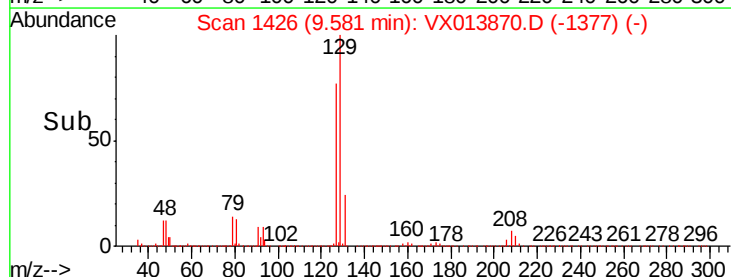
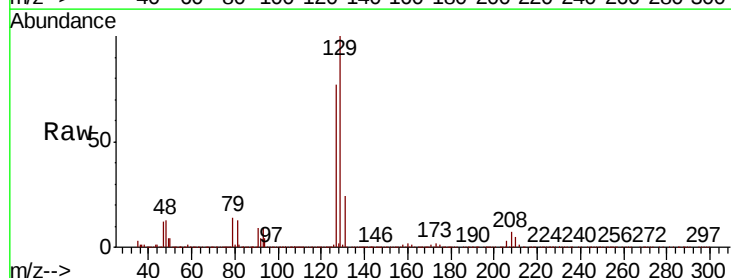
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1833723
Ion Ratio Lower Upper
43 100
58 55.5 28.1 84.4



#60
Dibromochloromethane
Concen: 52.139 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX013870.D
Acq: 09 Dec 2019 23:10

Tgt Ion: 129 Resp: 319770
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5





#61

1,2-Dibromoethane

Concen: 50.258 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Instrument :

MSVOA_X

ClientSampleId :

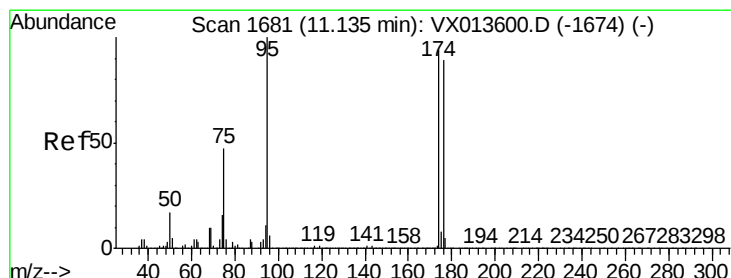
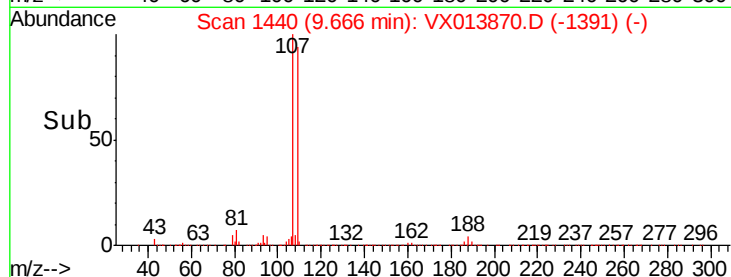
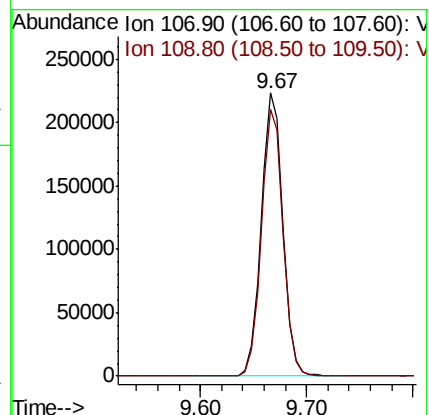
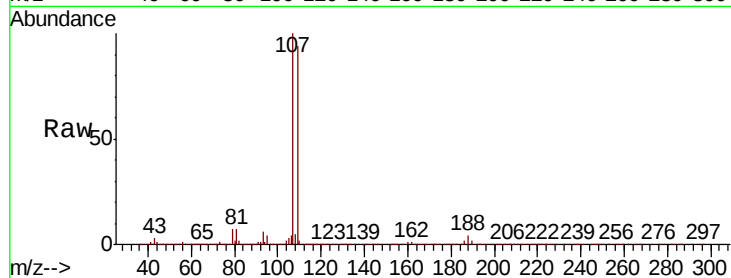
VSTDCCC050

Tot Ion:107 Resp: 317215

Ion Ratio Lower Upper

107 100

109 94.4 76.1 114.1



#62

4-Bromofluorobenzene

Concen: 47.935 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

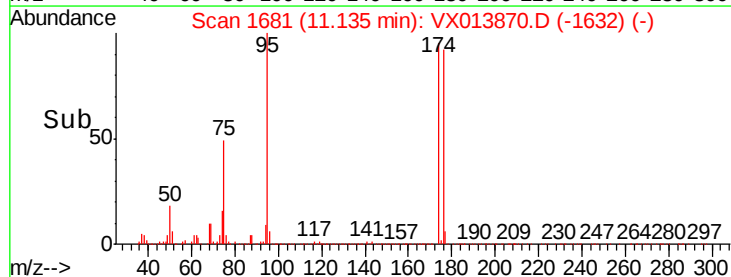
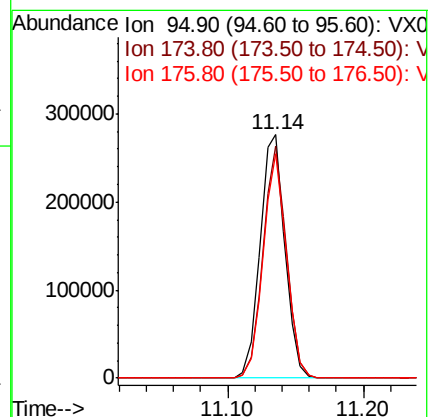
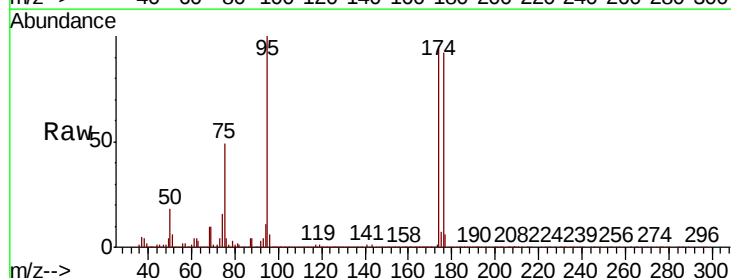
Tgt Ion: 95 Resp: 355481

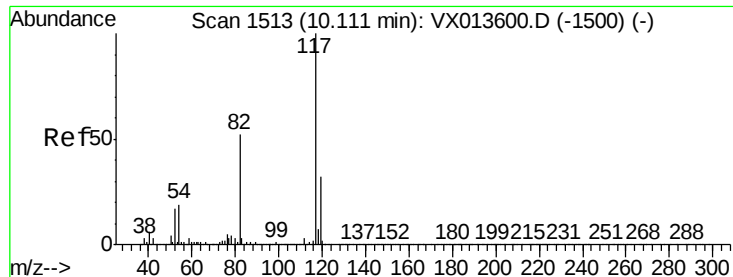
Ion Ratio Lower Upper

95 100

174 90.3 0.0 180.0

176 87.4 0.0 173.6

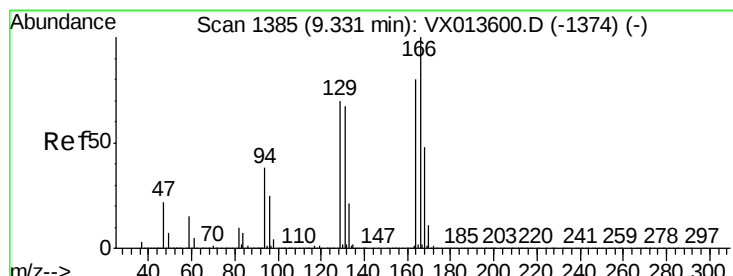
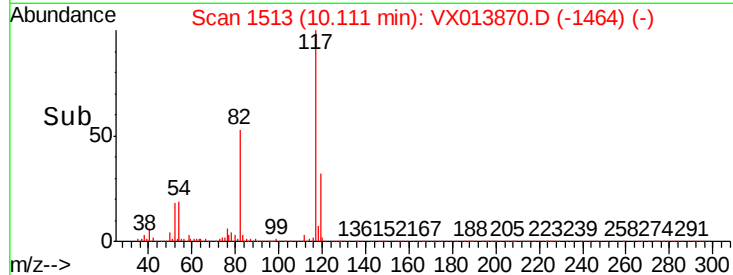
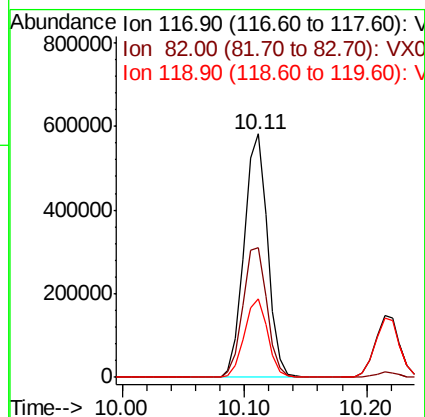
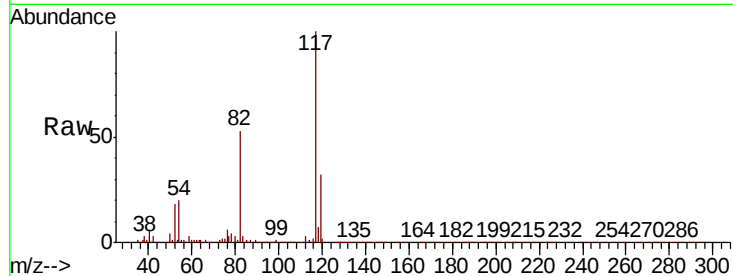




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013870.D
Acq: 09 Dec 2019 23:10

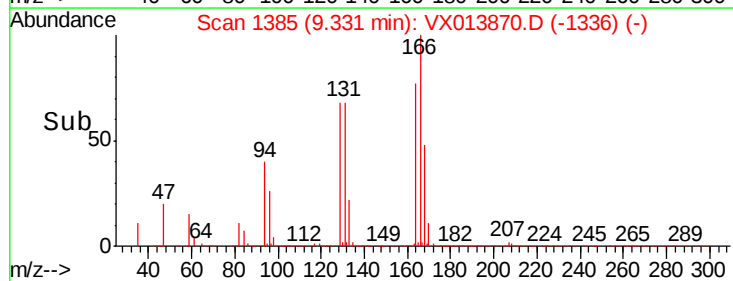
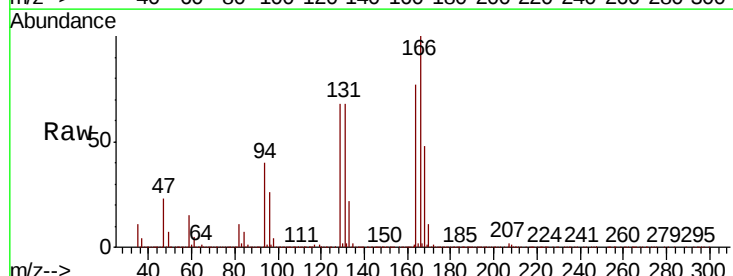
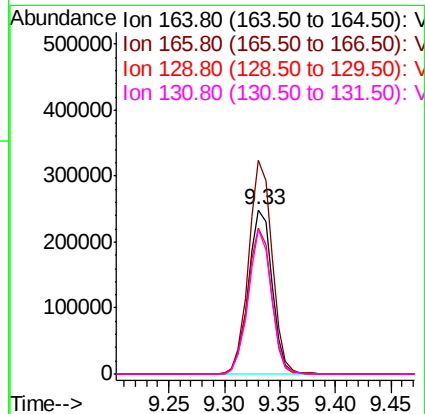
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

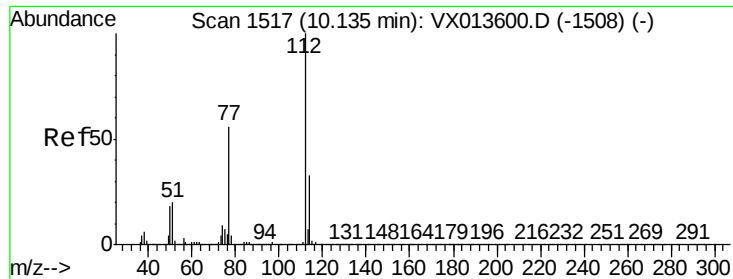
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	41.8	62.8
119	32.2	25.8	38.8



#64
Tetrachloroethene
Concen: 63.837 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013870.D
Acq: 09 Dec 2019 23:10

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.9	99.7	149.5
129	88.4	70.1	105.1
131	87.8	66.9	100.3

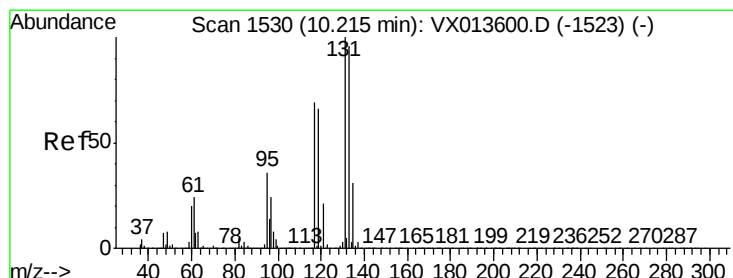
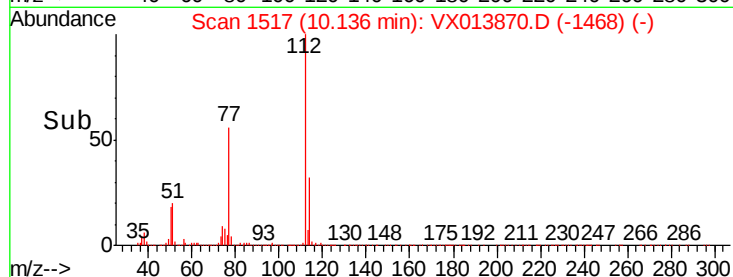
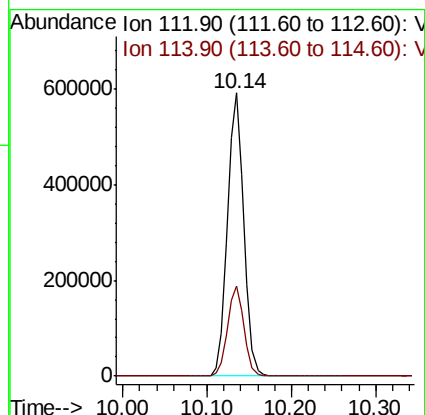
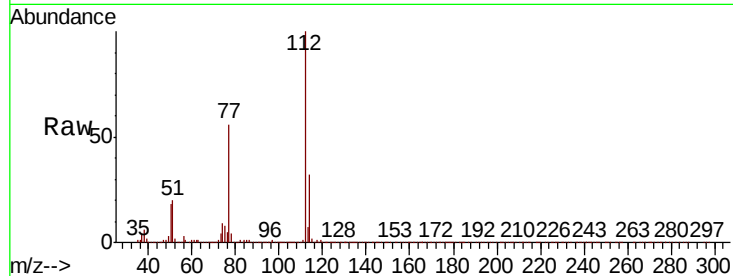




#65
Chlorobenzene
Concen: 49.447 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013870.D
Acq: 09 Dec 2019 23:10

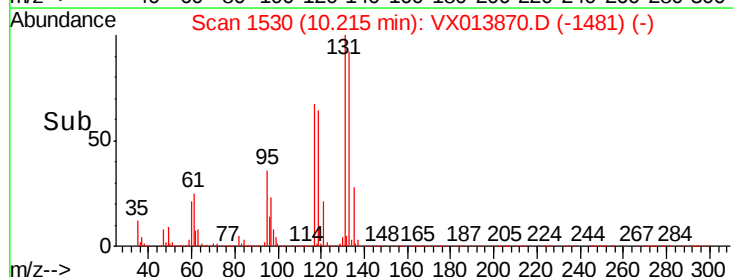
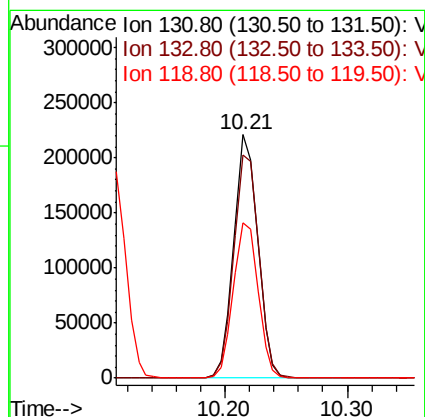
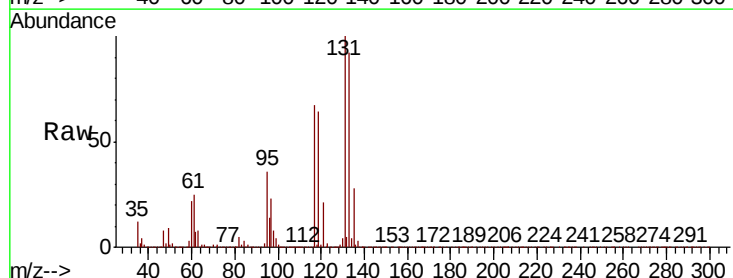
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

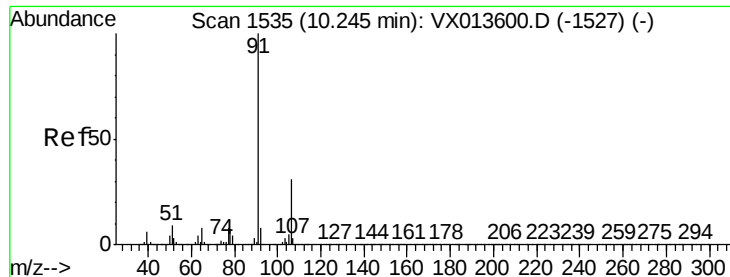
Tot Ion:112 Resp: 791373
Ion Ratio Lower Upper
112 100
114 31.9 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 52.040 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX013870.D
Acq: 09 Dec 2019 23:10

Tgt Ion:131 Resp: 299072
Ion Ratio Lower Upper
131 100
133 95.8 47.7 143.1
119 66.0 32.9 98.6





#67

Ethyl Benzene

Concen: 50.426 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Instrument :

MSVOA_X

ClientSampleId :

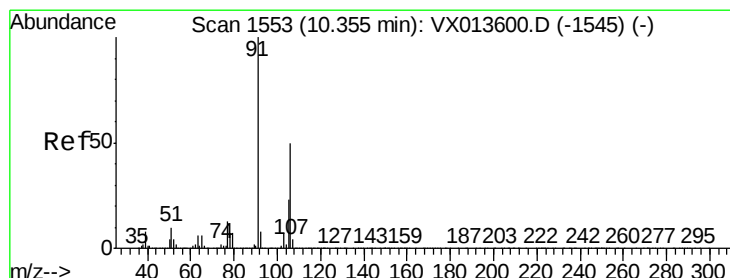
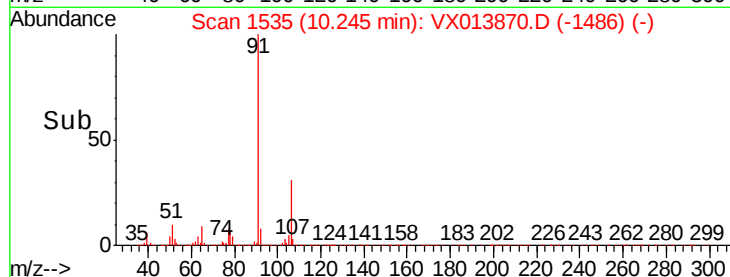
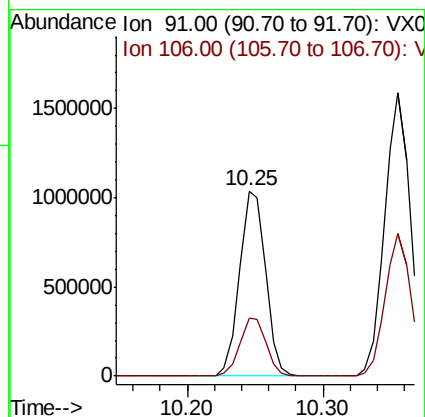
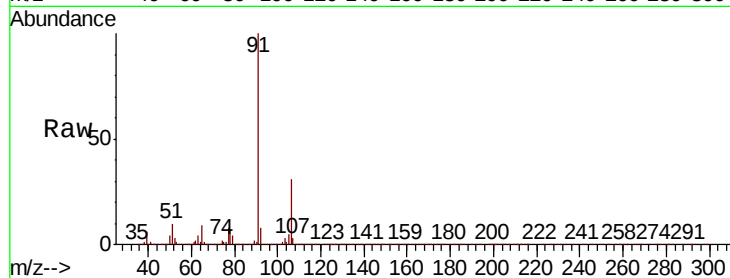
VSTDCCC050

Tot Ion: 91 Resp: 1386790

Ion Ratio Lower Upper

91 100

106 31.4 24.5 36.7



#68

m/p-Xylenes

Concen: 99.775 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013870.D

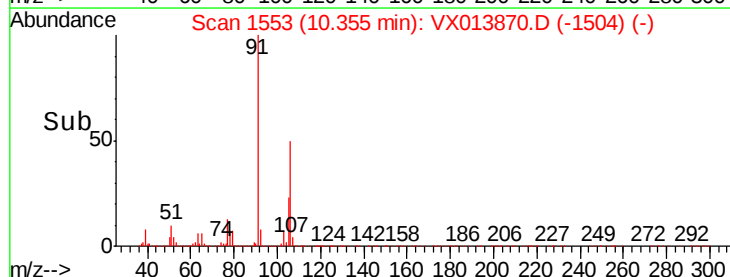
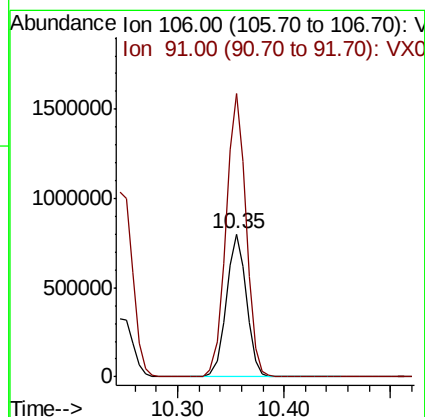
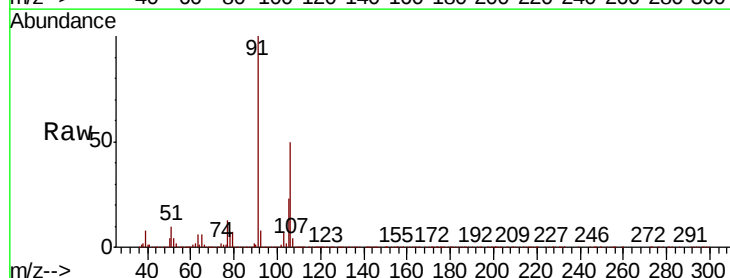
Acq: 09 Dec 2019 23:10

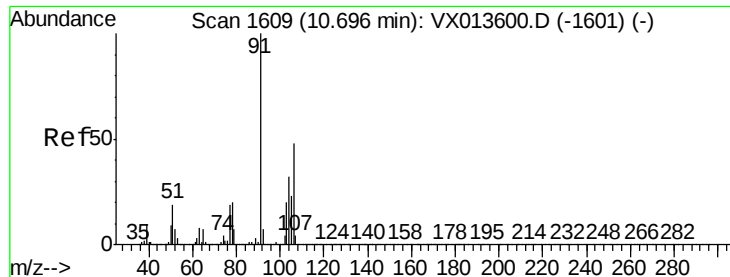
Tgt Ion: 106 Resp: 1050548

Ion Ratio Lower Upper

106 100

91 198.9 159.0 238.4

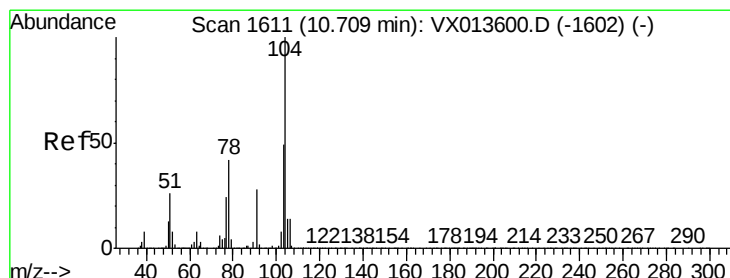
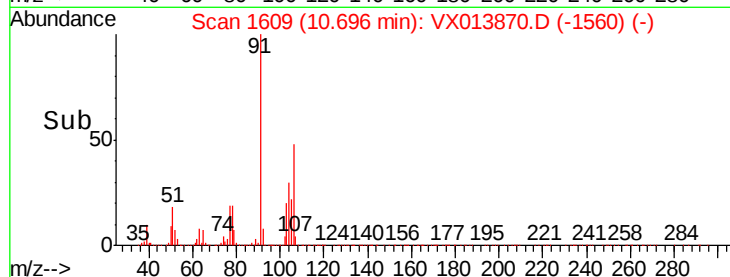
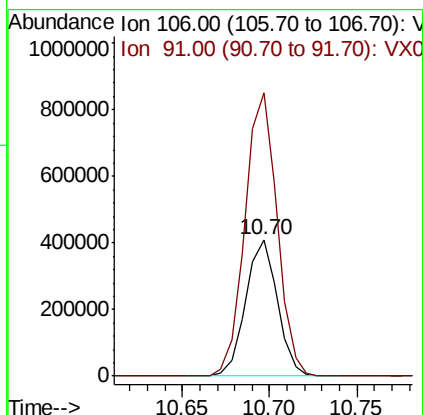
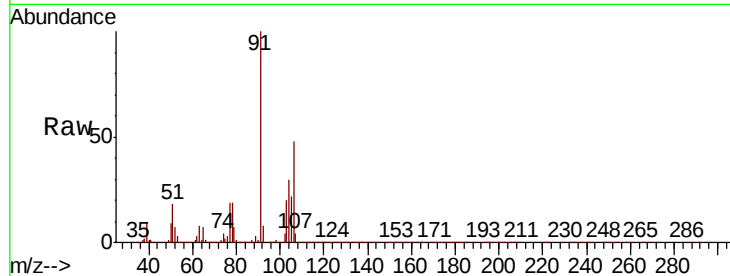




#69
o-Xylene
Concen: 50.109 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013870.D
Acq: 09 Dec 2019 23:10

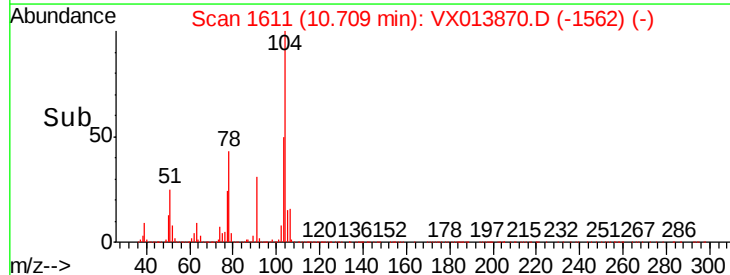
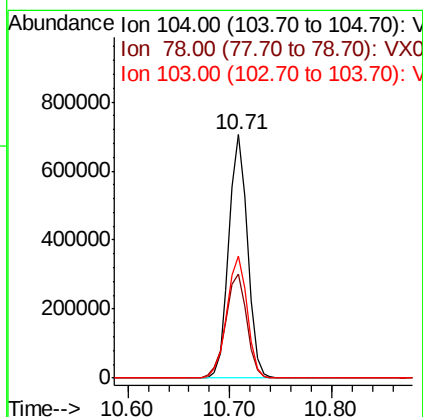
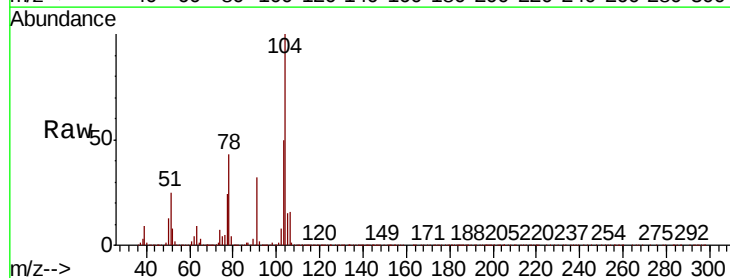
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

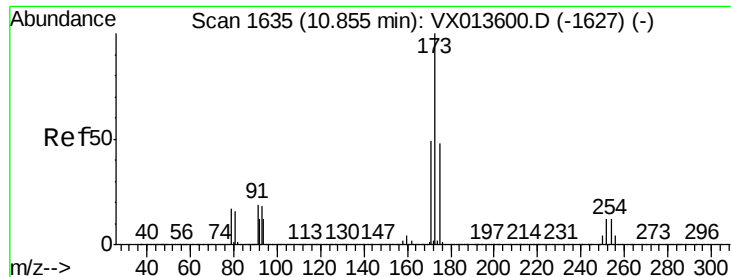
Tot Ion:106 Resp: 514568
Ion Ratio Lower Upper
106 100
91 210.7 104.1 312.2



#70
Styrene
Concen: 51.583 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013870.D
Acq: 09 Dec 2019 23:10

Tgt Ion:104 Resp: 891054
Ion Ratio Lower Upper
104 100
78 48.3 38.5 57.7
103 54.8 43.7 65.5





#71

Bromoform

Concen: 52.516 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

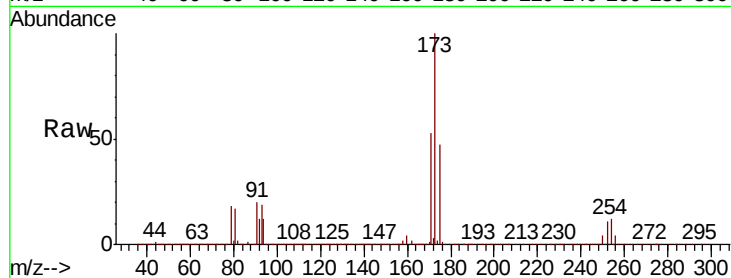
Tot Ion:173 Resp: 249721

Ion Ratio Lower Upper

173 100

175 48.4 24.3 72.8

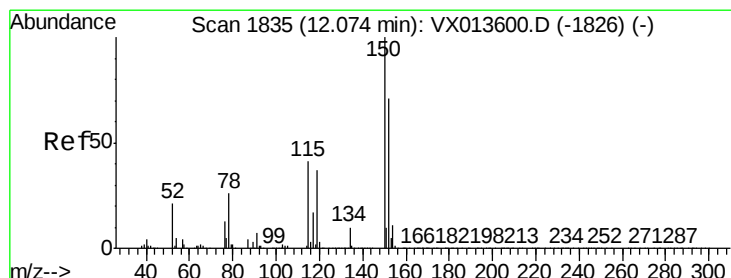
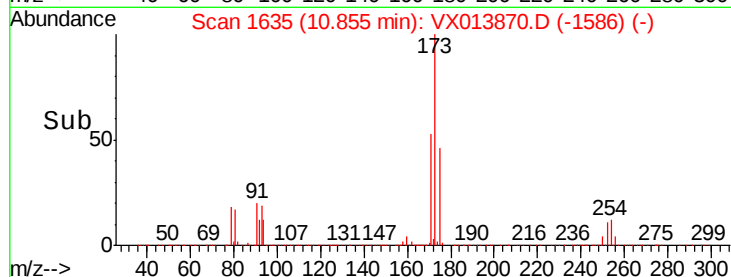
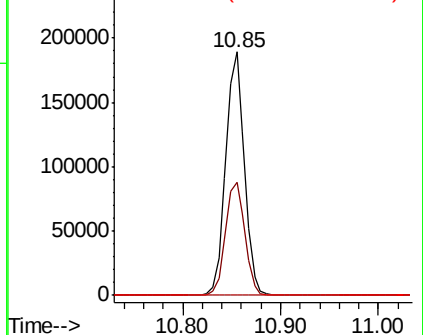
254 0.3 0.2 0.4



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

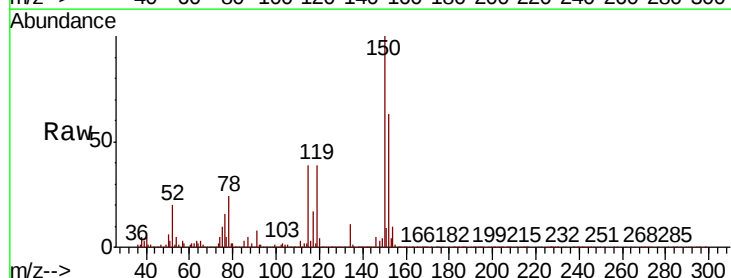
Tgt Ion:152 Resp: 379494

Ion Ratio Lower Upper

152 100

115 77.7 38.4 115.1

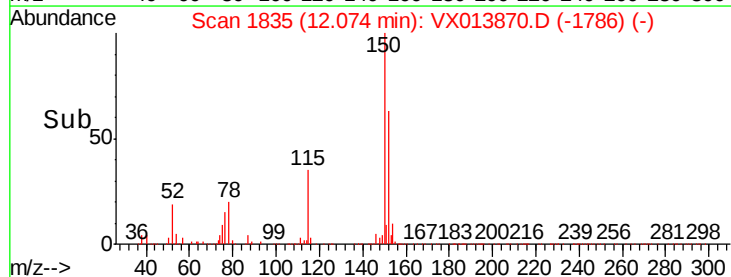
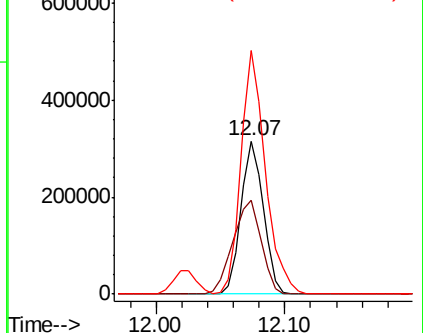
150 173.2 0.0 346.8

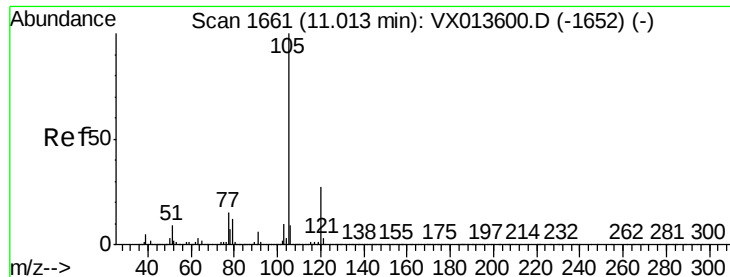


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.950 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Instrument :

MSVOA_X

ClientSampleId :

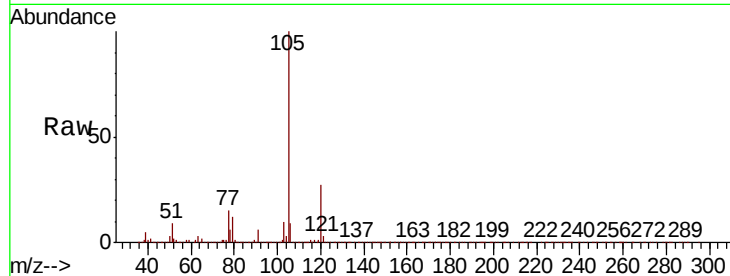
VSTDCCC050

Tot Ion:105 Resp: 1356294

Ion Ratio Lower Upper

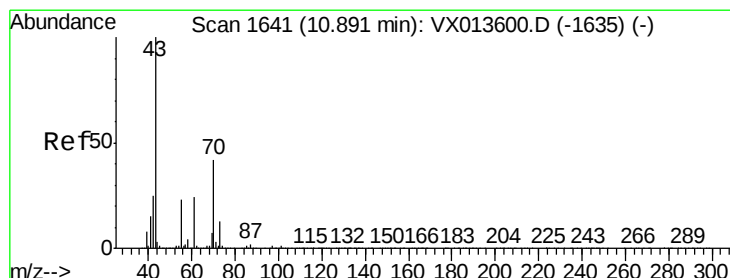
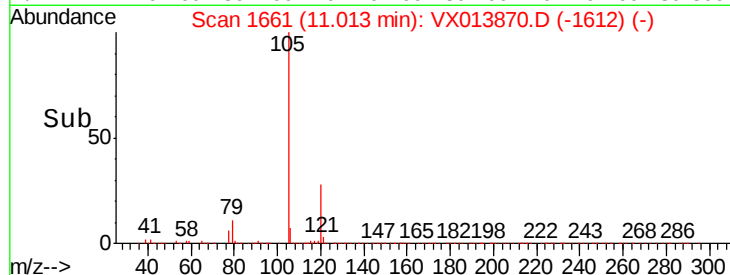
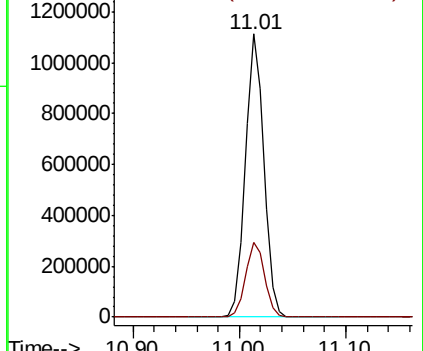
105 100

120 27.2 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: 52.567 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Tgt Ion: 43 Resp: 641018

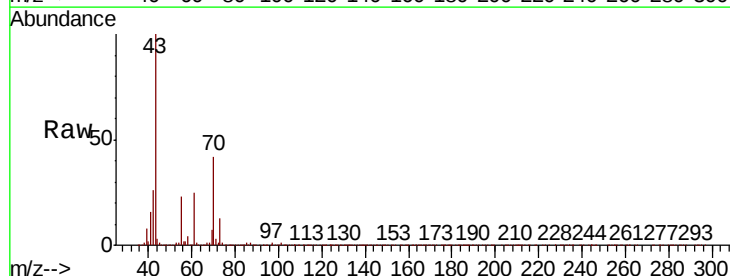
Ion Ratio Lower Upper

43 100

70 43.0 34.3 51.5

55 23.9 18.5 27.7

61 24.5 19.8 29.8

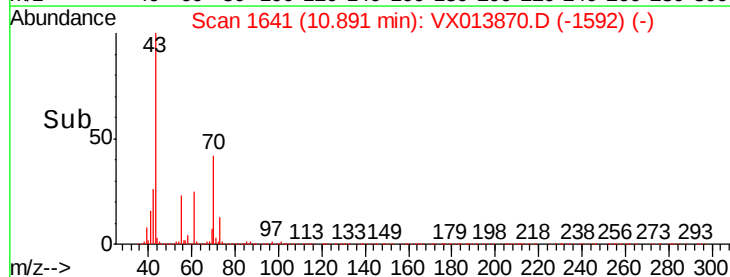
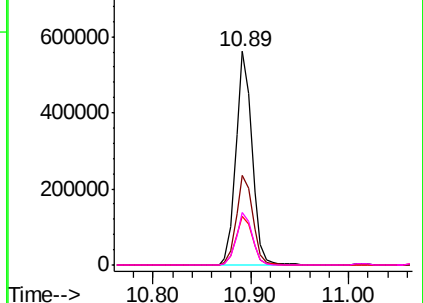


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 51.819 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

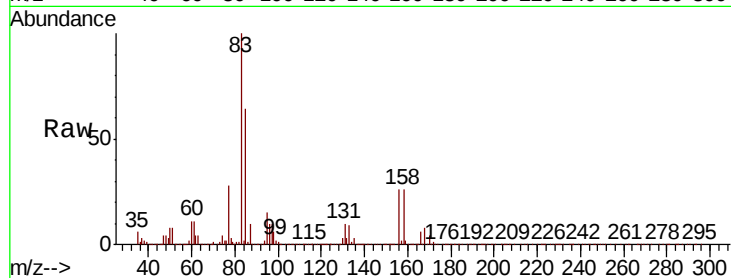
Tot Ion: 83 Resp: 478377

Ion Ratio Lower Upper

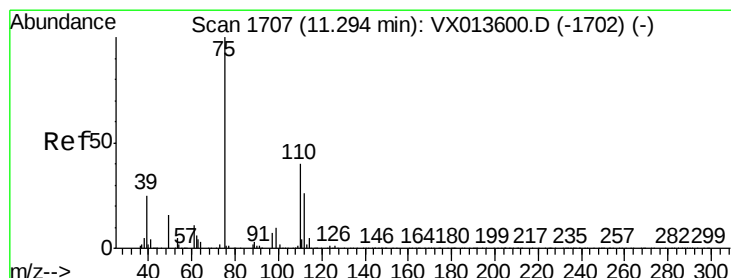
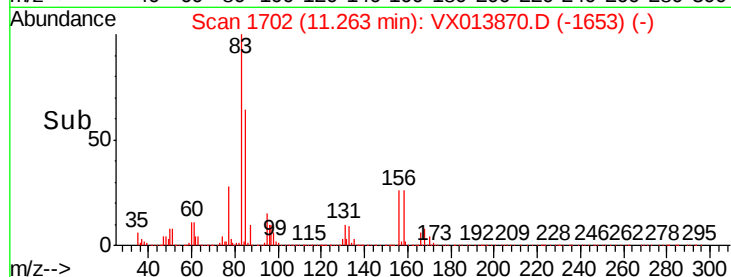
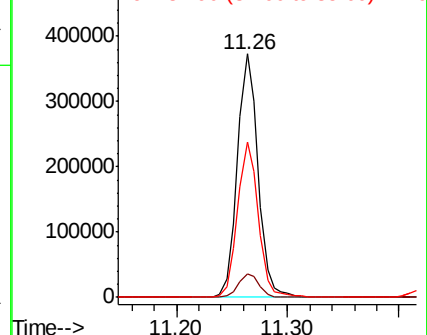
83 100

131 10.0 5.1 15.3

85 64.3 31.8 95.3



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 63.991 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX013870.D

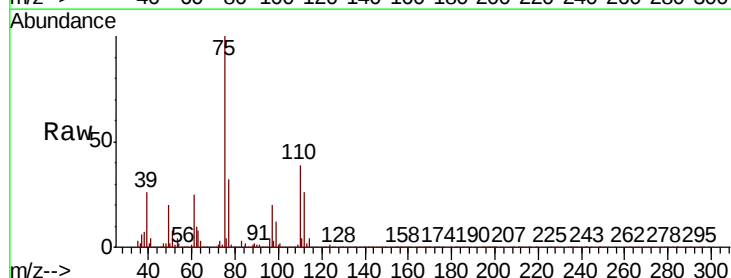
Acq: 09 Dec 2019 23:10

Tgt Ion: 75 Resp: 546197

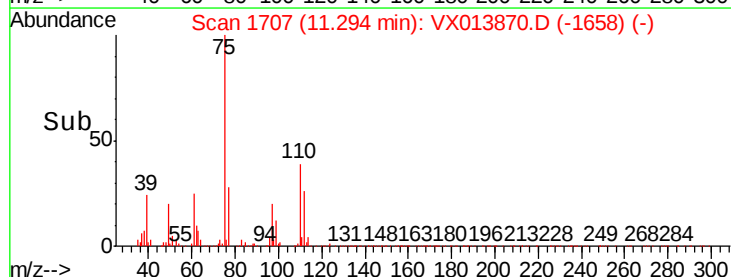
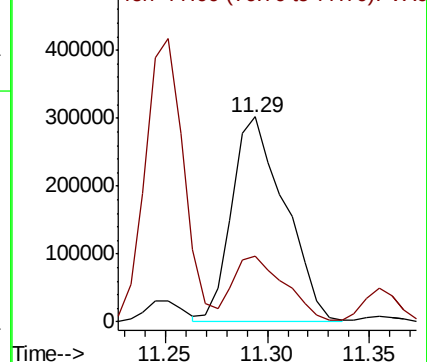
Ion Ratio Lower Upper

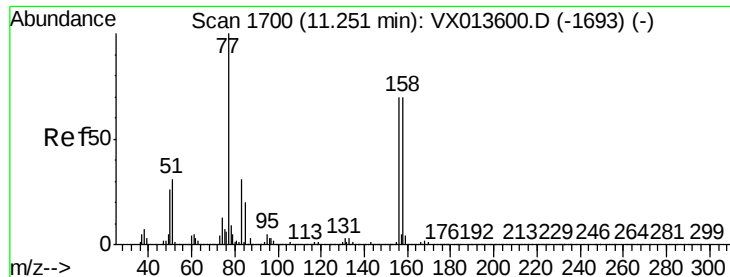
75 100

77 31.1 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: 49.701 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

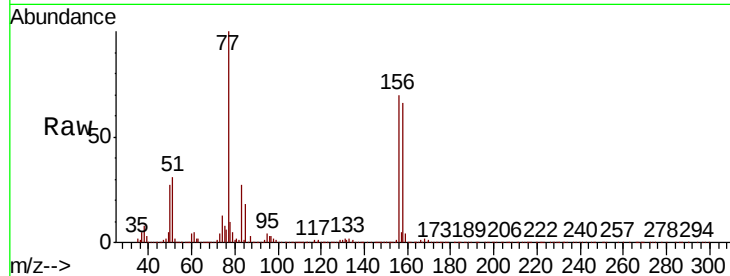
Tot Ion:156 Resp: 357421

Ion Ratio Lower Upper

156 100

77 152.4 74.4 223.1

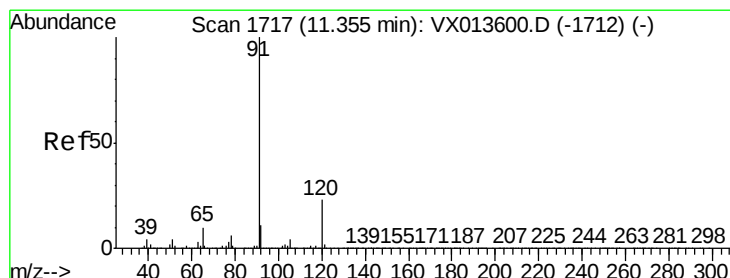
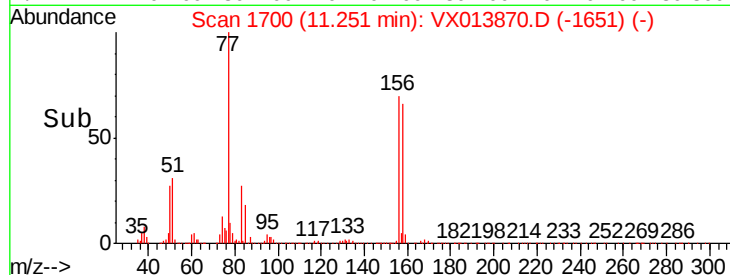
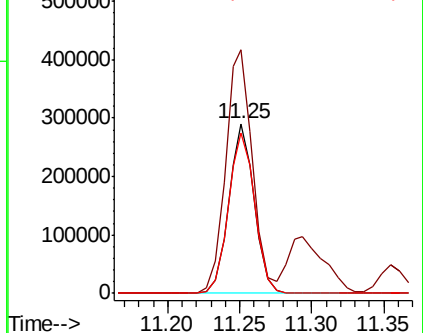
158 98.1 48.9 146.6



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: 51.260 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013870.D

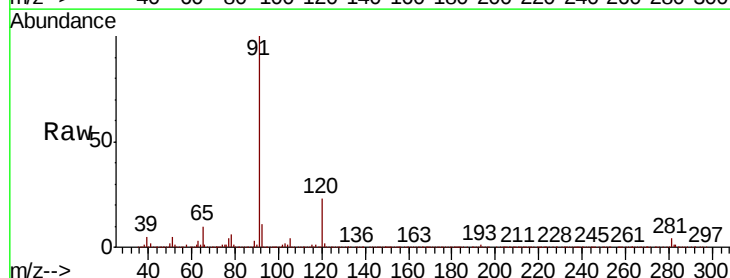
Acq: 09 Dec 2019 23:10

Tgt Ion: 91 Resp: 1523246

Ion Ratio Lower Upper

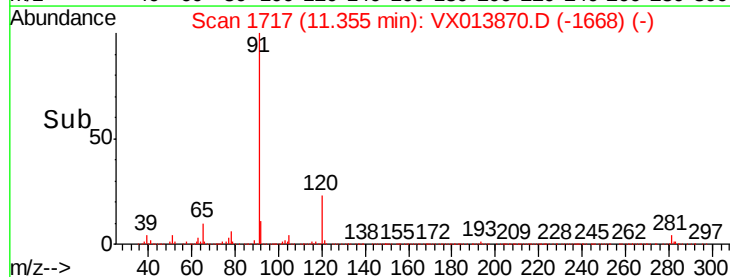
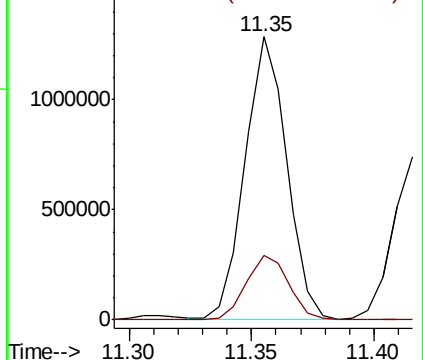
91 100

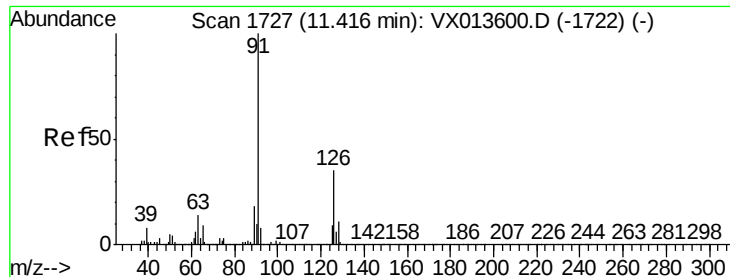
120 23.5 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.939 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Instrument :

MSVOA_X

ClientSampleId :

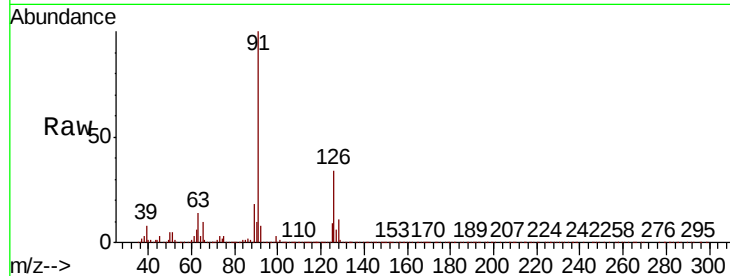
VSTDCCC050

Tot Ion: 91 Resp: 908038

Ion Ratio Lower Upper

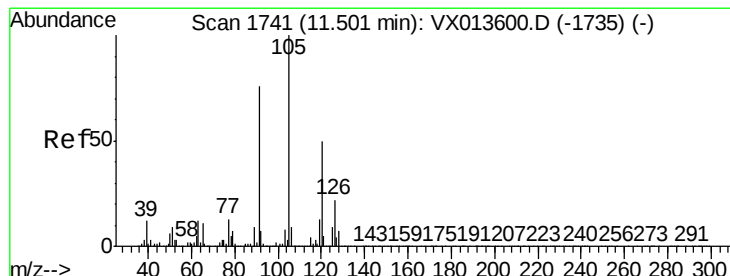
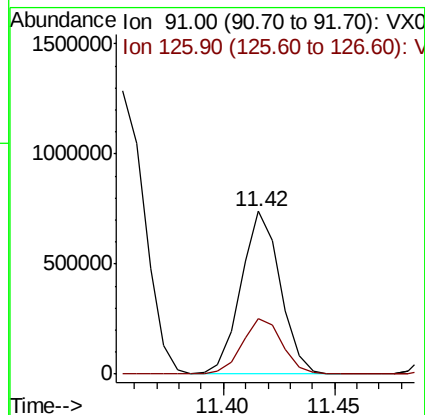
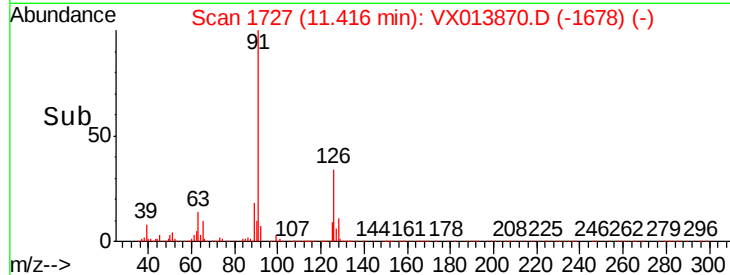
91 100

126 34.7 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VX013870.D (-1678) (-)

Ion 125.90 (125.60 to 126.60): VX013870.D (-1678) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.659 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013870.D

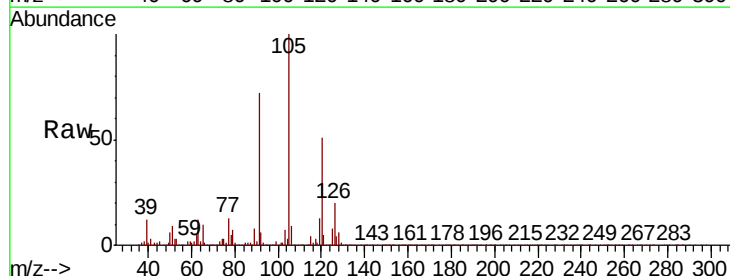
Acq: 09 Dec 2019 23:10

Tgt Ion: 105 Resp: 1127066

Ion Ratio Lower Upper

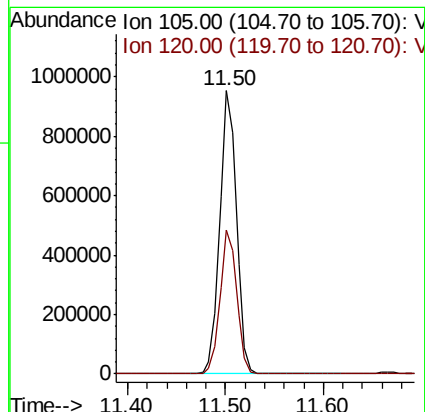
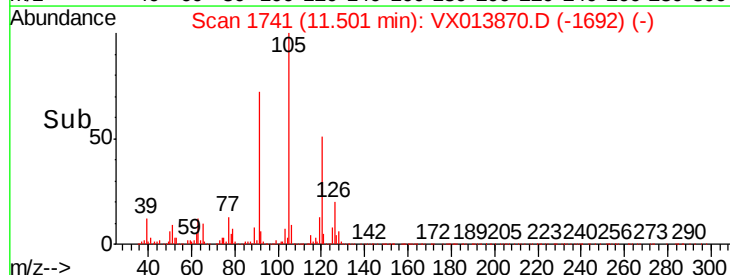
105 100

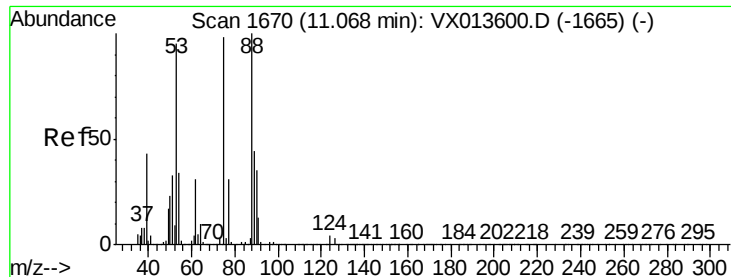
120 50.6 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VX013870.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX013870.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 49.387 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

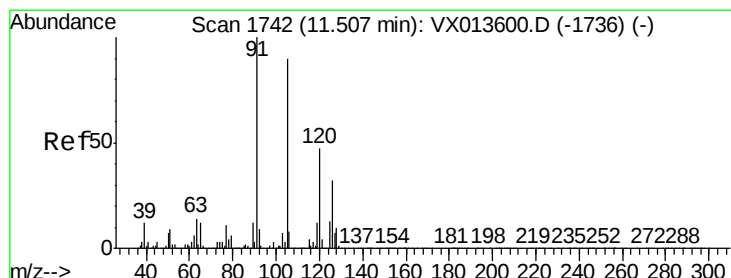
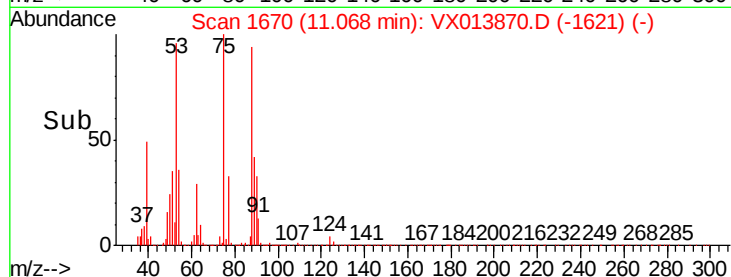
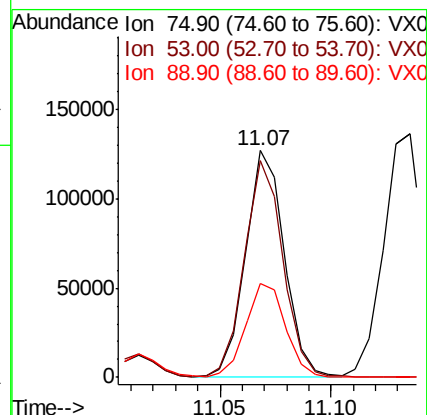
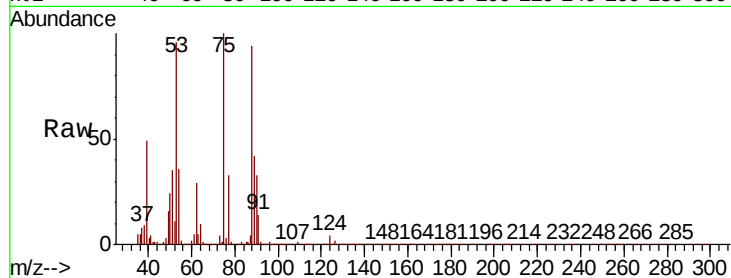
Tot Ion: 75 Resp: 154082

Ion Ratio Lower Upper

75 100

53 95.3 78.2 117.2

89 43.3 35.4 53.2



#82

4-Chlorotoluene

Concen: 50.334 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX013870.D

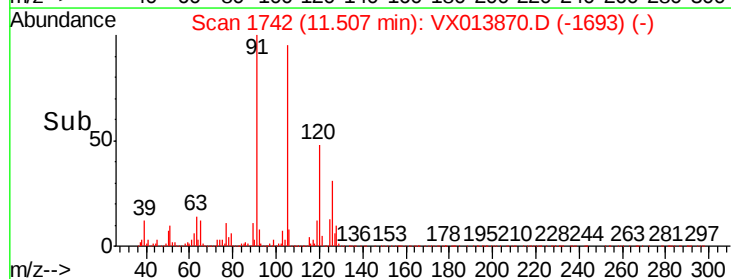
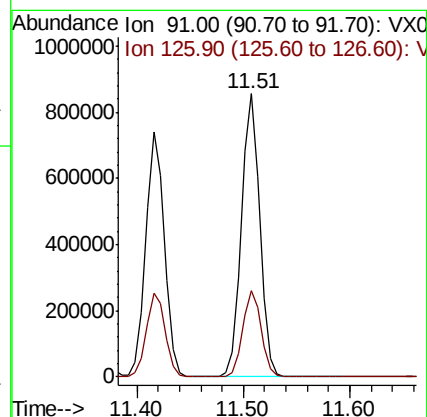
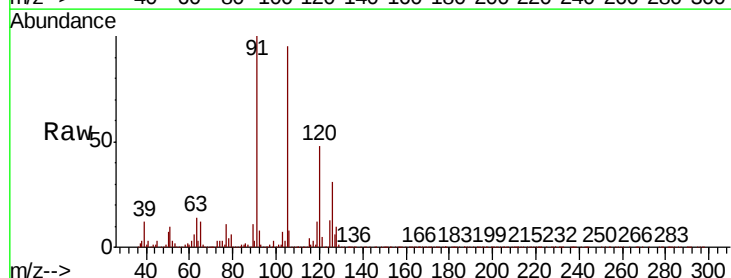
Acq: 09 Dec 2019 23:10

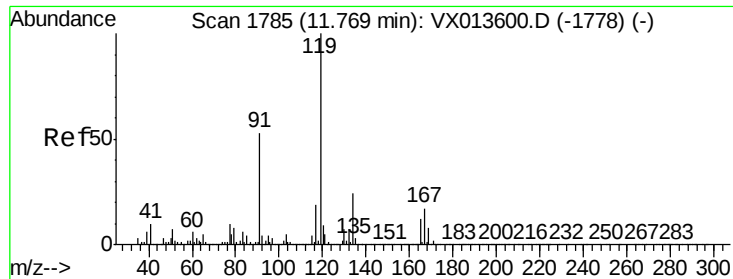
Tgt Ion: 91 Resp: 1039219

Ion Ratio Lower Upper

91 100

126 30.5 15.7 47.0

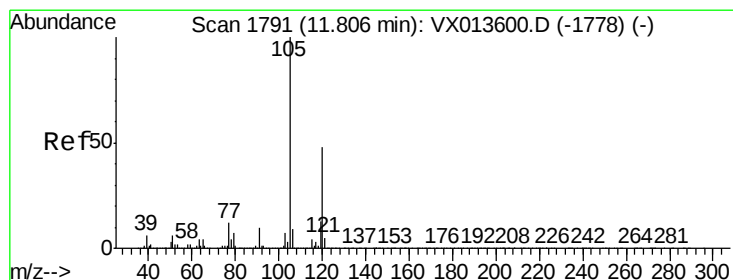
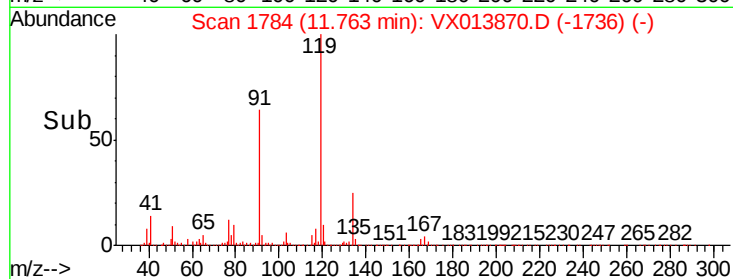
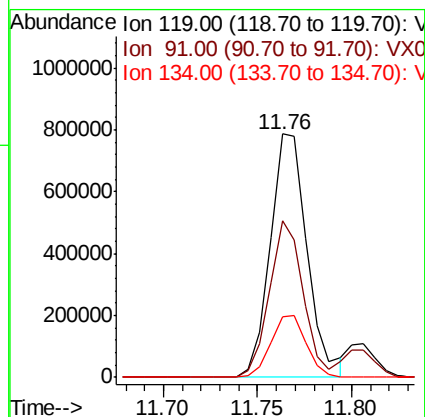
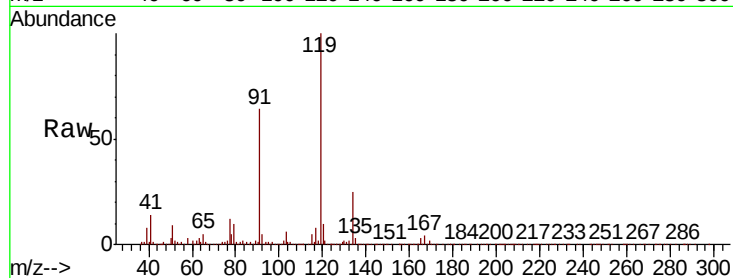




#83
tert-Butylbenzene
Concen: 48.224 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX013870.D
Acq: 09 Dec 2019 23:10

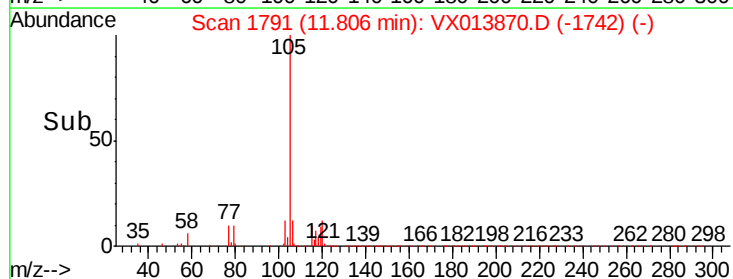
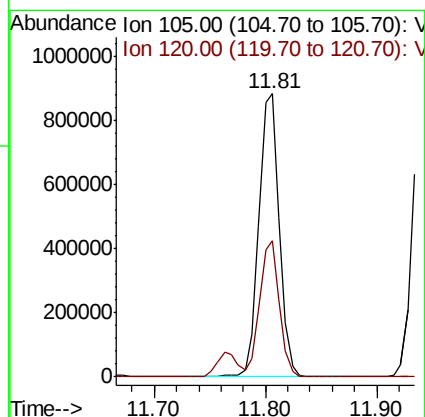
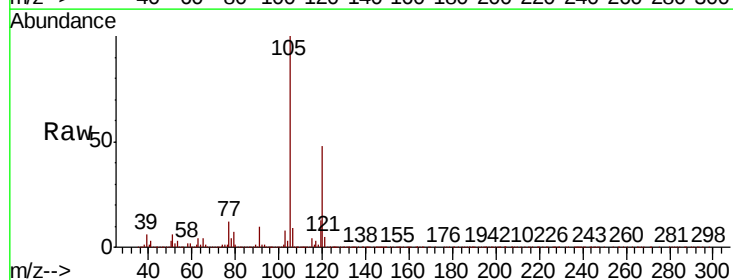
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

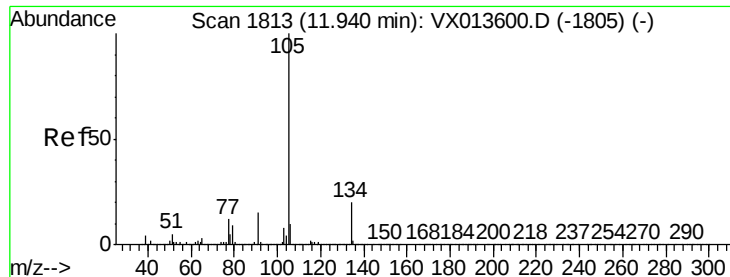
Tot Ion:119 Resp: 1069268
Ion Ratio Lower Upper
119 100
91 58.5 27.2 81.6
134 24.3 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 51.076 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX013870.D
Acq: 09 Dec 2019 23:10

Tgt Ion:105 Resp: 1130968
Ion Ratio Lower Upper
105 100
120 46.3 23.1 69.3





#85

sec-Butylbenzene

Concen: 51.811 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Instrument :

MSVOA_X

ClientSampleId :

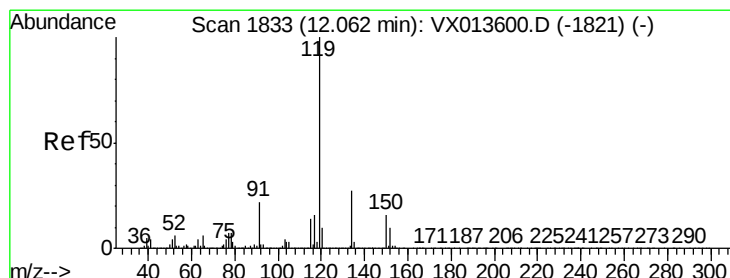
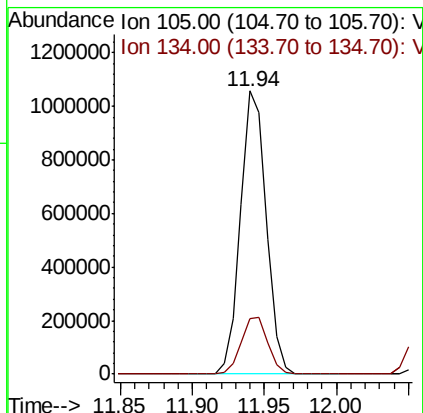
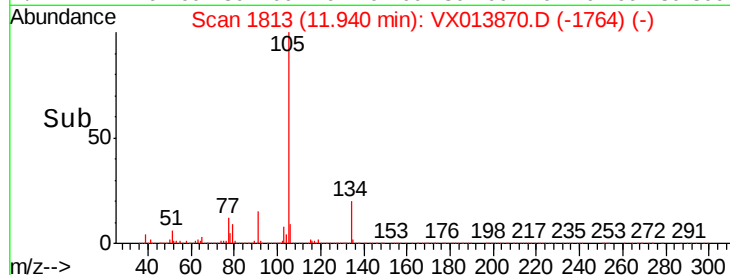
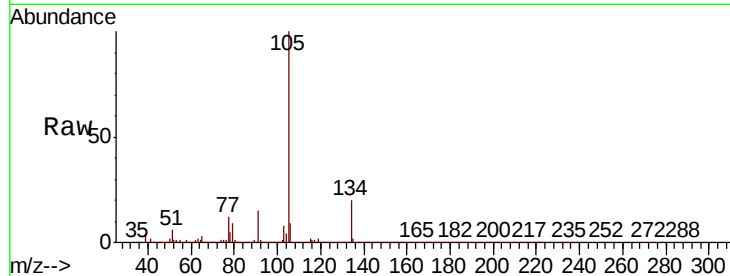
VSTDCCC050

Tot Ion:105 Resp: 1312187

Ion Ratio Lower Upper

105 100

134 20.6 10.4 31.2



#86

p-Isopropyltoluene

Concen: 51.082 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

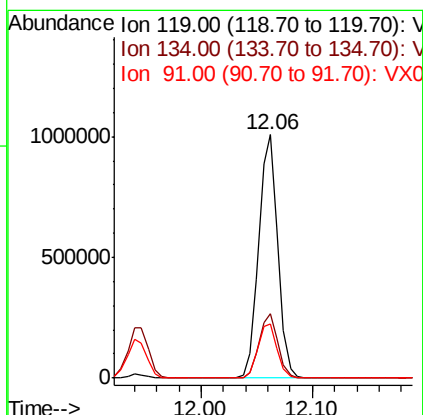
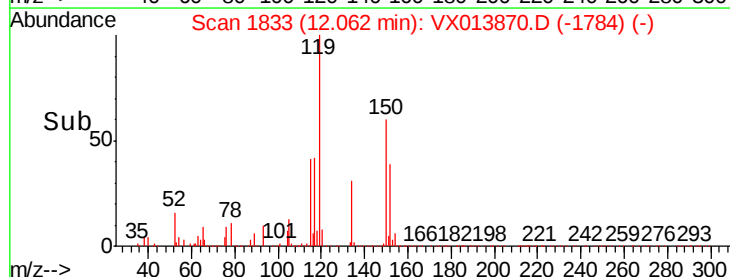
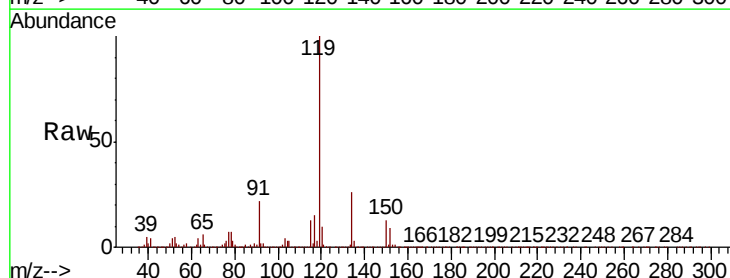
Tgt Ion:119 Resp: 1203559

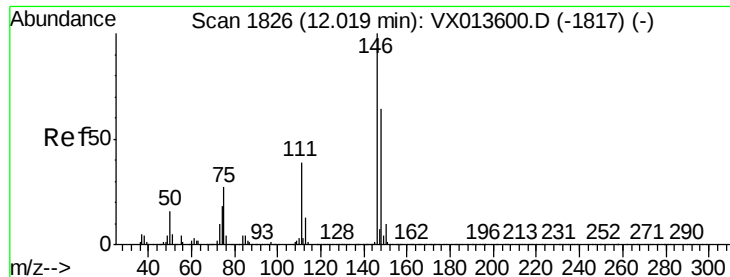
Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.9

91 22.5 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 49.600 ug/l

RT: 12.02 min Scan# 1826

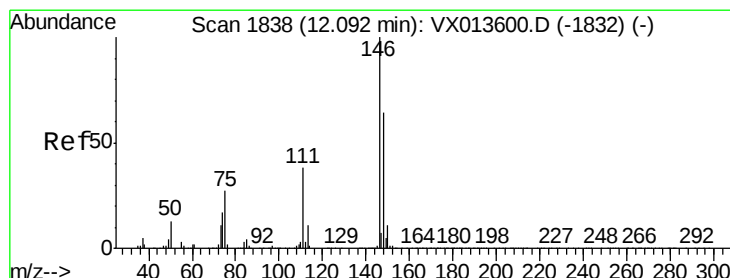
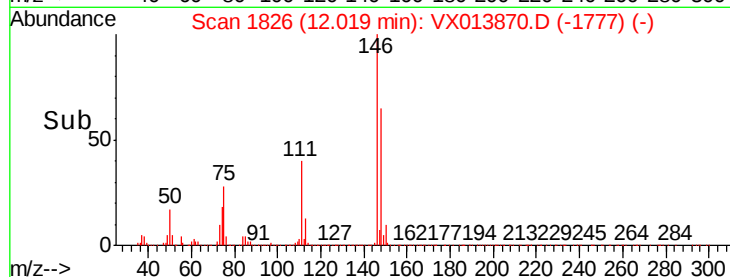
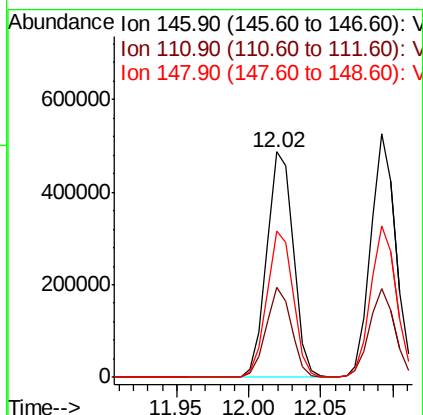
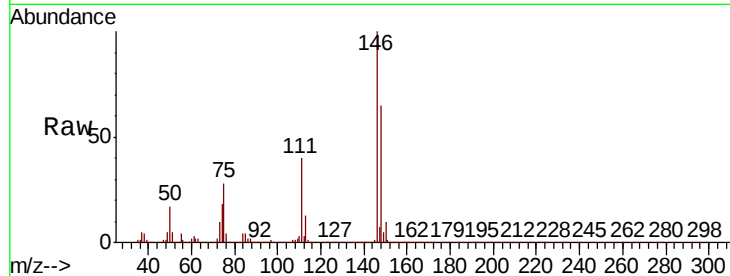
Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.0	57.0
148	64.2	31.8	95.4



#88

1,4-Dichlorobenzene

Concen: 48.690 ug/l

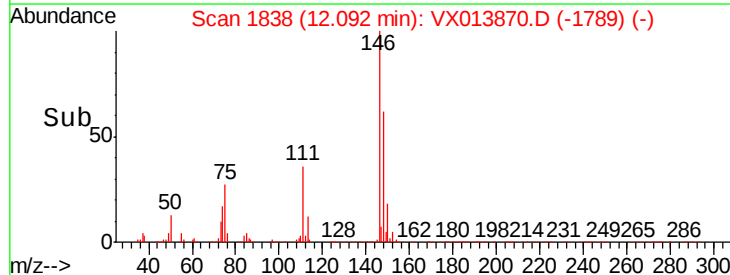
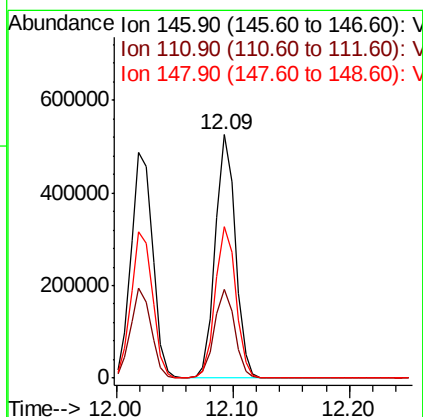
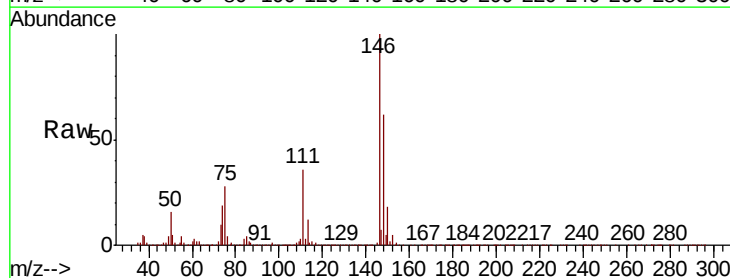
RT: 12.09 min Scan# 1838

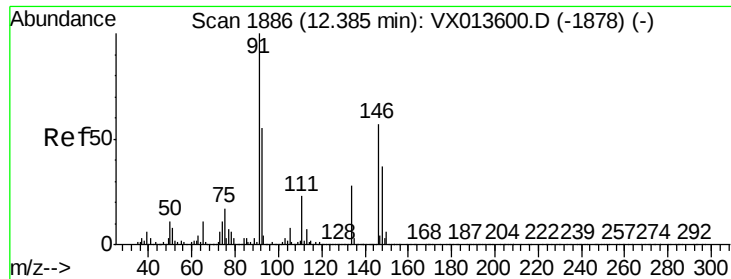
Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.9	56.9
148	63.7	31.9	95.5

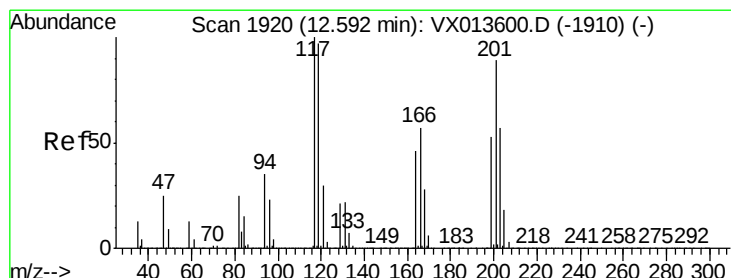
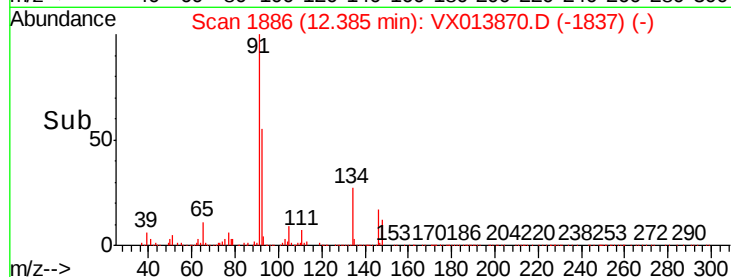
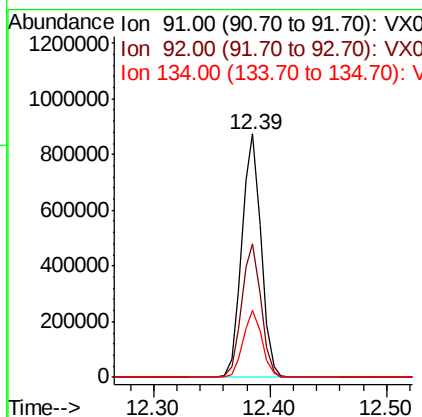
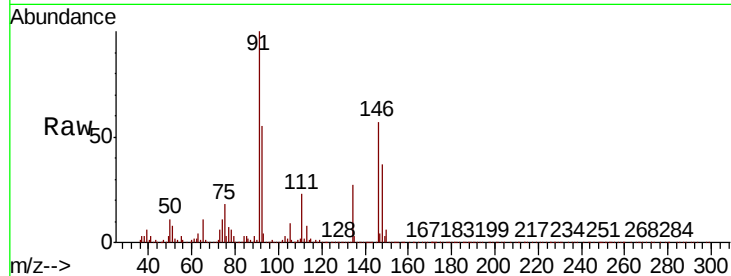




#89
n-Butylbenzene
Concen: 50.172 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013870.D
Acq: 09 Dec 2019 23:10

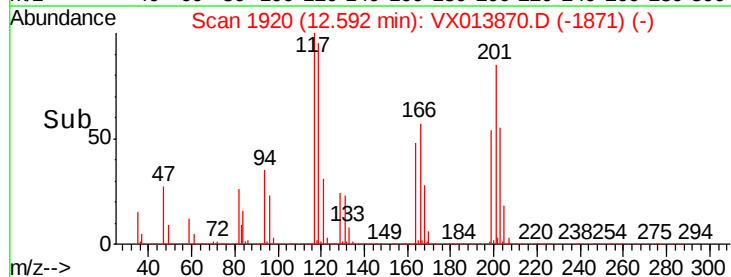
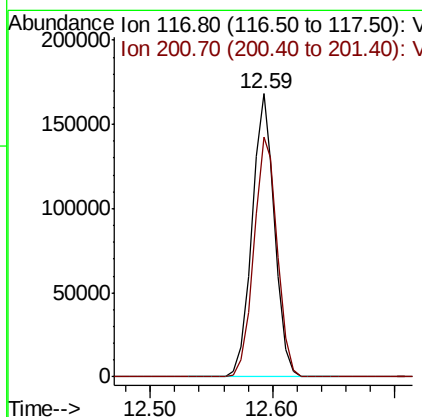
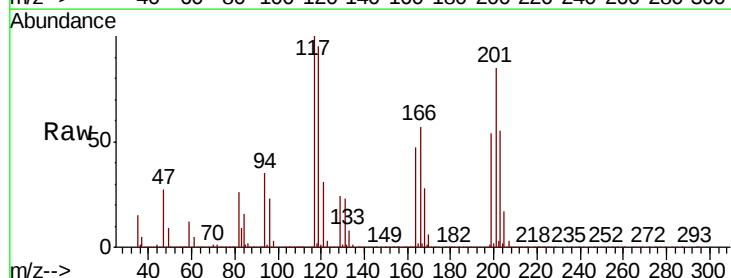
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

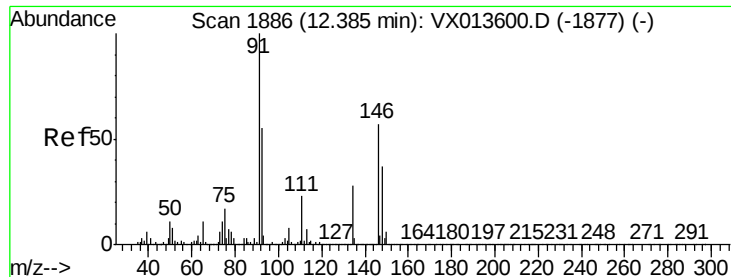
Tot Ion: 91 Resp: 1008229
Ion Ratio Lower Upper
91 100
92 55.3 27.4 82.2
134 26.8 13.5 40.4



#90
Hexachloroethane
Concen: 50.699 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013870.D
Acq: 09 Dec 2019 23:10

Tgt Ion: 117 Resp: 215914
Ion Ratio Lower Upper
117 100
201 88.2 44.1 132.4





#91

1,2-Dichlorobenzene

Concen: 50.750 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

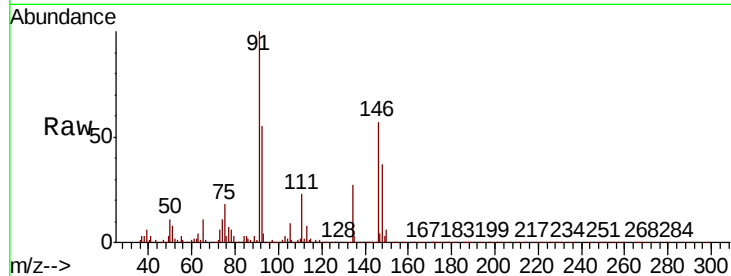
Tot Ion:146 Resp: 628591

Ion Ratio Lower Upper

146 100

111 39.9 19.6 58.7

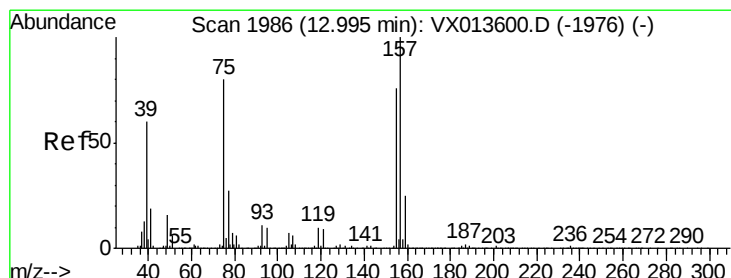
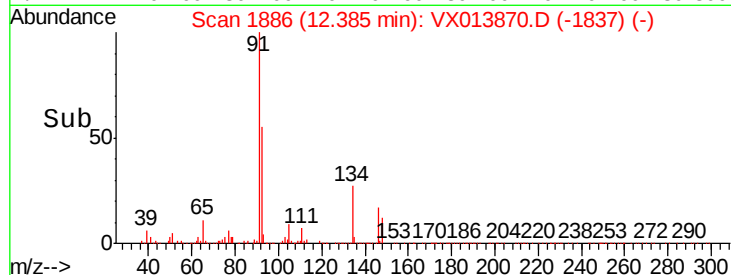
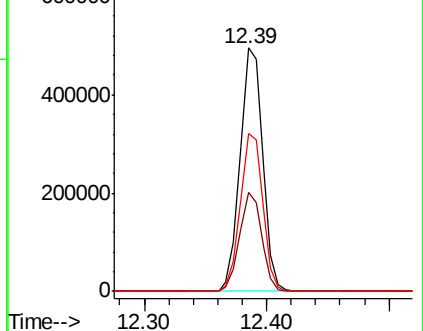
148 64.7 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.734 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

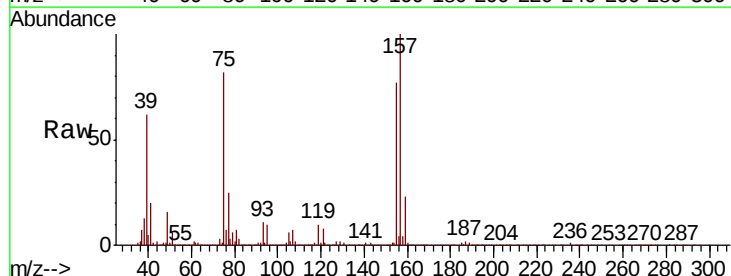
Tgt Ion: 75 Resp: 104003

Ion Ratio Lower Upper

75 100

155 96.8 47.6 142.8

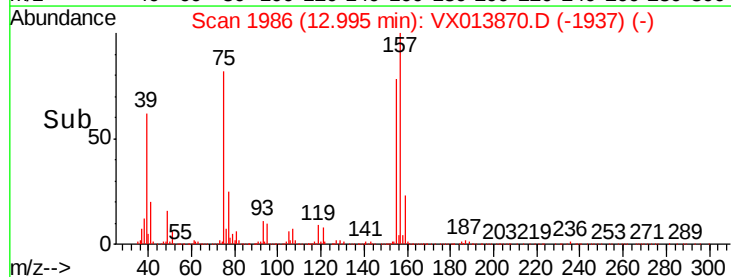
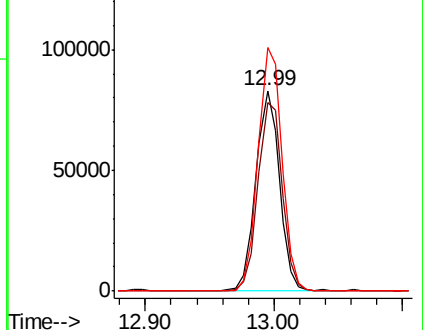
157 123.2 62.1 186.2

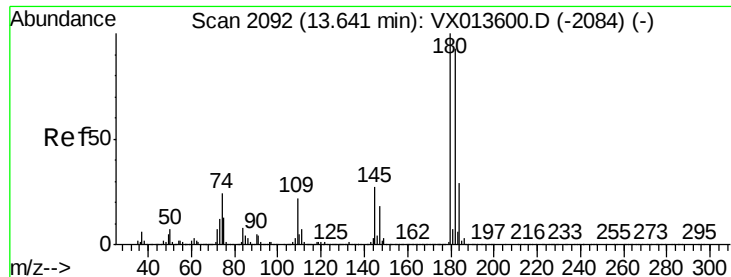


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

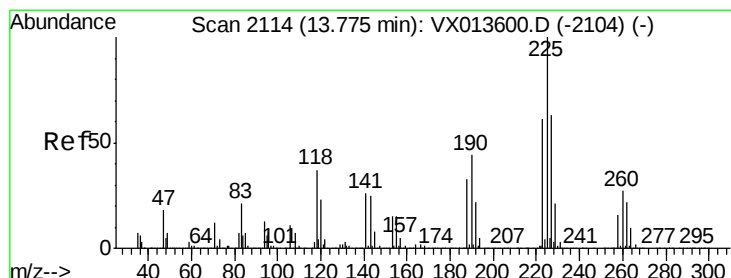
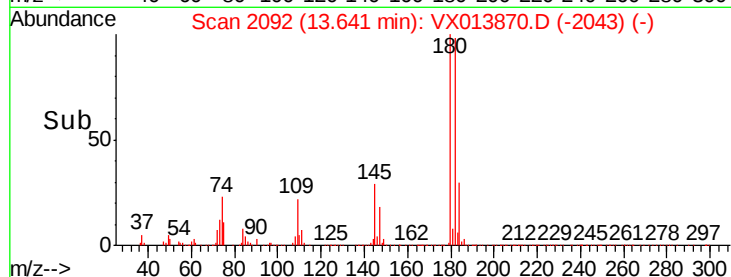
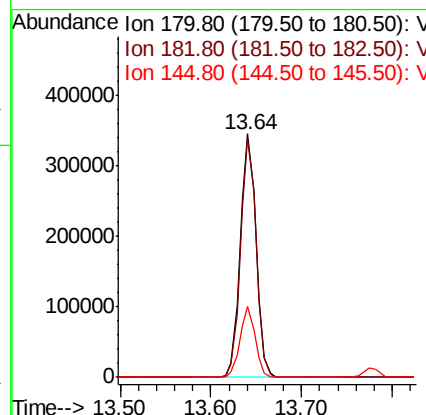
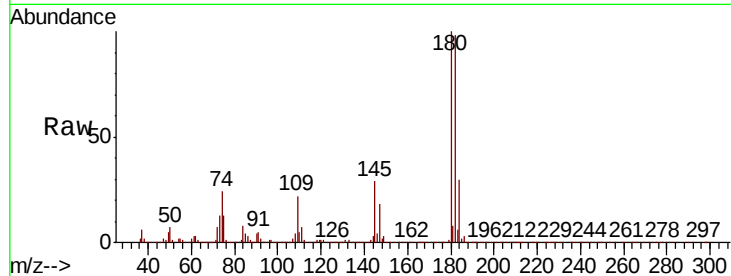




#93
 1,2,4-Trichlorobenzene
 Concen: 48.141 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013870.D
 Acq: 09 Dec 2019 23:10

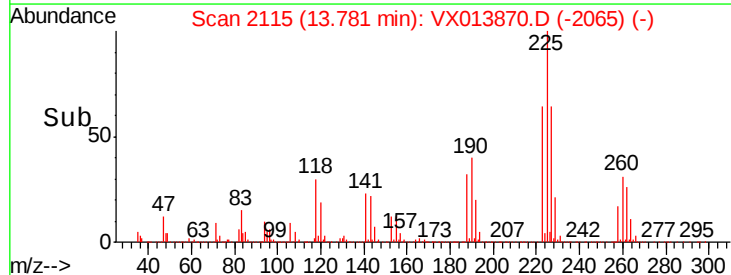
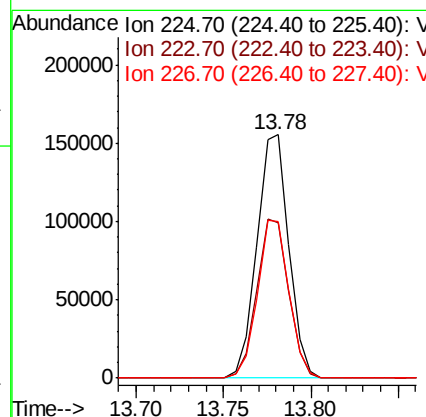
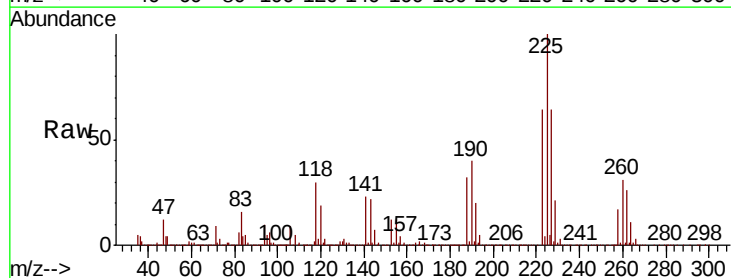
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

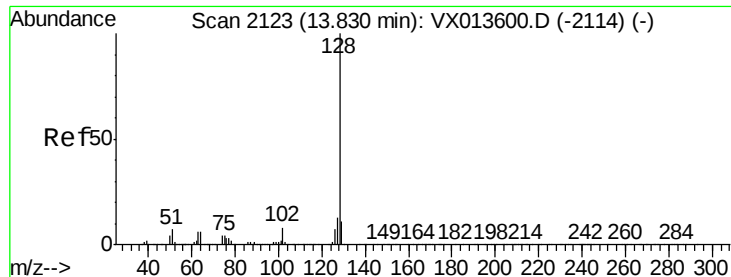
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.7	47.2	141.6
145	28.1	13.8	41.4



#94
 Hexachlorobutadiene
 Concen: 47.468 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX013870.D
 Acq: 09 Dec 2019 23:10

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.2	31.9	95.5
227	64.2	32.1	96.3





#95

Naphthalene

Concen: 51.665 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Instrument :

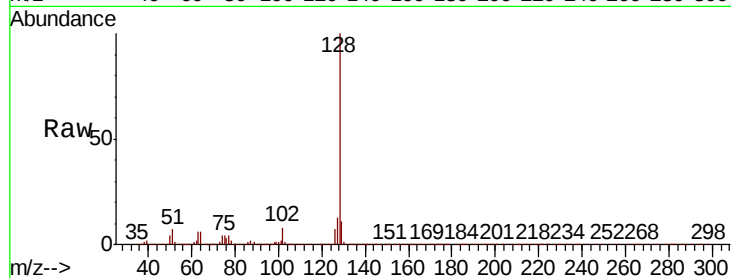
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:128 Resp: 1328157

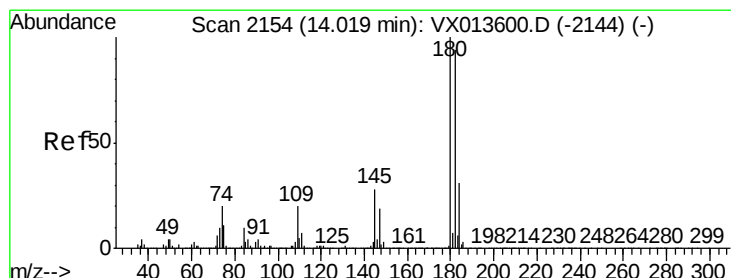
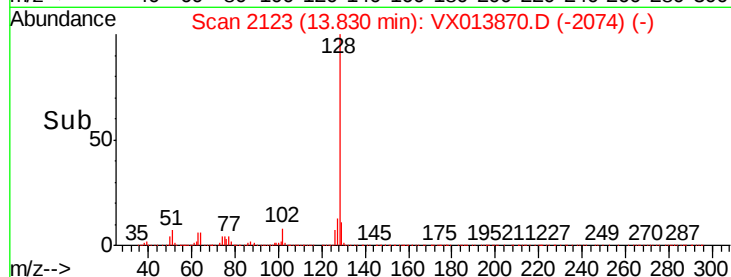
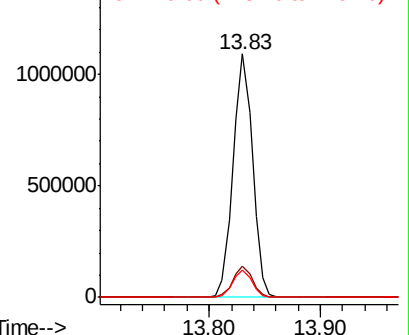
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	11.1	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.311 ug/l

RT: 14.01 min Scan# 2153

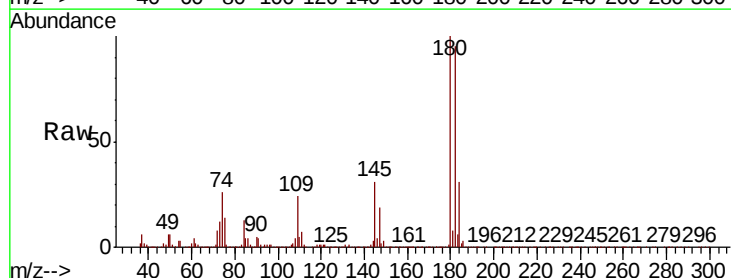
Delta R.T. -0.01 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Tgt Ion:180 Resp: 430000

Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.6	142.8
145	30.3	15.0	45.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

