

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX033120\
 Data File : VX015443.D
 Acq On : 31 Mar 2020 10:33
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 01 07:38:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	1094947	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1674663	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.10	117	1543749	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	816682	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	716698	46.41	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.82%	
35) Dibromofluoromethane	5.47	113	530768	49.58	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.16%	
50) Toluene-d8	8.70	98	1975343	50.12	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.24%	
62) 4-Bromofluorobenzene	11.12	95	818901	51.13	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	537757	55.745	ug/l	97
3) Chloromethane	1.31	50	605451	49.284	ug/l	98
4) Vinyl Chloride	1.39	62	582042	51.598	ug/l	100
5) Bromomethane	1.62	94	298394	58.811	ug/l	100
6) Chloroethane	1.71	64	351581	50.254	ug/l	100
7) Trichlorofluoromethane	1.91	101	847630	56.031	ug/l	100
8) Diethyl Ether	2.17	74	316051	49.532	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	558099	56.591	ug/l	97
10) Methyl Iodide	2.49	142	630157	47.393	ug/l	100
11) Tert butyl alcohol	3.01	59	756747	204.727	ug/l	100
12) 1,1-Dichloroethene	2.36	96	539297	52.169	ug/l	99
13) Acrolein	2.27	56	466029	221.326	ug/l	100
14) Allyl chloride	2.70	41	1221643	50.577	ug/l	98
15) Acrylonitrile	3.11	53	1606967	227.963	ug/l	99
16) Acetone	2.42	43	1618777	243.987	ug/l	99
17) Carbon Disulfide	2.55	76	1628285	51.634	ug/l	100
18) Methyl Acetate	2.75	43	763284	45.075	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	1998813	49.855	ug/l	100
20) Methylene Chloride	2.83	84	604188	48.754	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	585017	50.992	ug/l	97
22) Diisopropyl ether	3.82	45	2183988	51.026	ug/l	99
23) Vinyl Acetate	3.78	43	9634350	248.612	ug/l	100
24) 1,1-Dichloroethane	3.67	63	1131630	50.216	ug/l	100
25) 2-Butanone	4.63	43	2413819	226.226	ug/l	98
26) 2,2-Dichloropropane	4.55	77	1044720	56.479	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	663993	50.025	ug/l	96
28) Bromochloromethane	4.98	49	551301	51.238	ug/l	98
29) Tetrahydrofuran	5.09	42	1510422	220.196	ug/l	100
30) Chloroform	5.17	83	1097532	50.621	ug/l	95
31) Cyclohexane	5.54	56	1067953	54.628	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	1003898	51.163	ug/l	98
36) 1,1-Dichloropropene	5.76	75	850375	55.111	ug/l	99
37) Ethyl Acetate	4.79	43	949442	47.257	ug/l	99
38) Carbon Tetrachloride	5.75	117	905190	54.162	ug/l	97

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	1047207	58.862	ug/l	97
40) Benzene	6.11	78	2413458	53.396	ug/l	97
41) Methacrylonitrile	5.00	41	545863	48.943	ug/l	99
42) 1,2-Dichloroethane	6.16	62	961100	52.937	ug/l	99
43) Isopropyl Acetate	6.41	43	1676871	49.442	ug/l	100
44) Trichloroethene	7.18	130	660906	53.615	ug/l	99
45) 1,2-Dichloropropane	7.49	63	647060	52.331	ug/l	100
46) Dibromomethane	7.64	93	419693	51.744	ug/l	99
47) Bromodichloromethane	7.87	83	913488	52.855	ug/l	98
48) Methyl methacrylate	7.75	41	837306	49.426	ug/l	100
49) 1,4-Dioxane	7.72	88	310123	981.317	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	4599949	239.320	ug/l	99
52) Toluene	8.76	92	1517688	54.463	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	1050143	51.809	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	1102634	53.402	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	596749	52.268	ug/l	98
56) Ethyl methacrylate	9.16	69	1022560	50.821	ug/l	99
57) 1,3-Dichloropropane	9.35	76	1054060	51.243	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	2626410	268.358	ug/l	99
59) 2-Hexanone	9.47	43	3615195	249.129	ug/l	100
60) Dibromochloromethane	9.56	129	719229	52.426	ug/l	99
61) 1,2-Dibromoethane	9.65	107	640479	51.592	ug/l	99
64) Tetrachloroethene	9.32	164	628310	53.931	ug/l	99
65) Chlorobenzene	10.12	112	1628451	52.894	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	634487	51.586	ug/l	98
67) Ethyl Benzene	10.23	91	2951424	54.052	ug/l	100
68) m/p-Xylenes	10.34	106	2232503	109.799	ug/l	99
69) o-Xylene	10.68	106	1077074	53.607	ug/l	99
70) Styrene	10.70	104	1883091	53.262	ug/l	99
71) Bromoform	10.84	173	551904	49.291	ug/l #	98
73) Isopropylbenzene	11.00	105	2923718	54.638	ug/l	100
74) N-amyl acetate	10.88	43	1453934	48.853	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	892791	48.623	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	863449m	51.413	ug/l	
77) Bromobenzene	11.24	156	753235	52.772	ug/l	99
78) n-propylbenzene	11.34	91	3396447	55.509	ug/l	99
79) 2-Chlorotoluene	11.40	91	1993956	53.167	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	2501723	54.743	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	344217	49.179	ug/l	95
82) 4-Chlorotoluene	11.49	91	2394202	54.456	ug/l	99
83) tert-Butylbenzene	11.76	119	2428592	54.405	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	2538232	54.503	ug/l	98
85) sec-Butylbenzene	11.93	105	2872221	55.635	ug/l	100
86) p-Isopropyltoluene	12.05	119	2741341	57.198	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	1373382	53.748	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	1370172	52.644	ug/l	99
89) n-Butylbenzene	12.37	91	2536881	58.574	ug/l	99
90) Hexachloroethane	12.58	117	509292	54.596	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	1311795	52.459	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	230230	44.425	ug/l	99

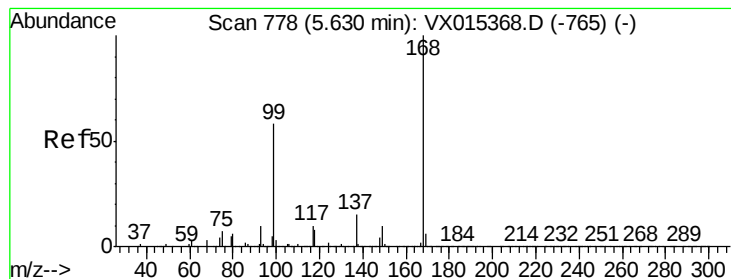
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX033120\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	1090602	55.137	ug/l	99
94) Hexachlorobutadiene	13.77	225	505945	53.725	ug/l	98
95) Naphthalene	13.82	128	3076229	50.986	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	1033113	54.249	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 777

Delta R.T. -0.01 min

Lab File: VX015443.D

Acq: 31 Mar 2020 10:33

Instrument :

MSVOA_X

ClientSampleId :

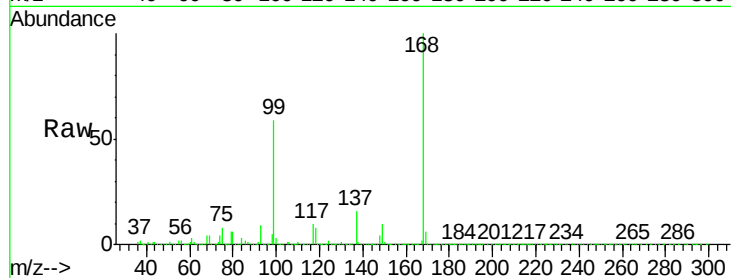
VSTDCCC050

Tot Ion:168 Resp: 1094947

Ion Ratio Lower Upper

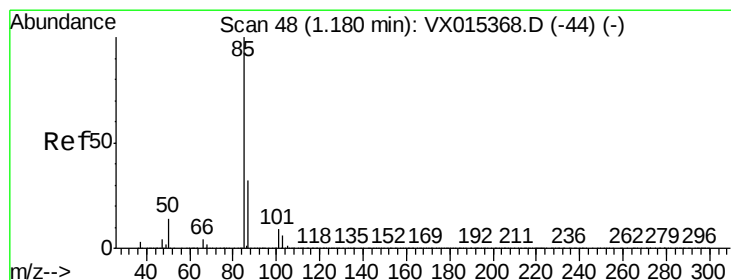
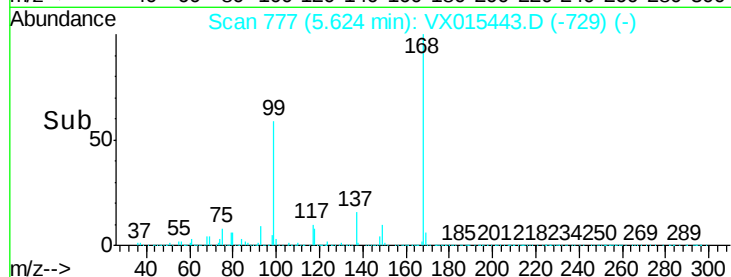
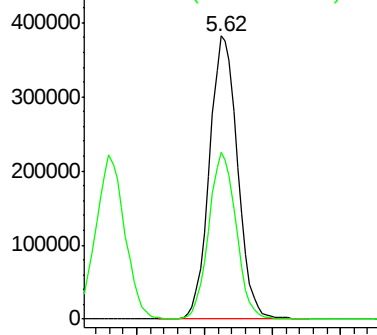
168 100

99 58.6 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 55.745 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.01 min

Lab File: VX015443.D

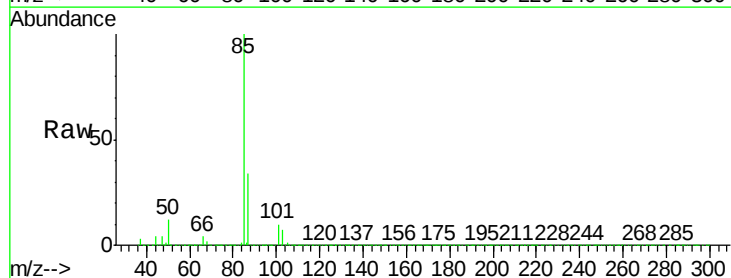
Acq: 31 Mar 2020 10:33

Tgt Ion: 85 Resp: 537757

Ion Ratio Lower Upper

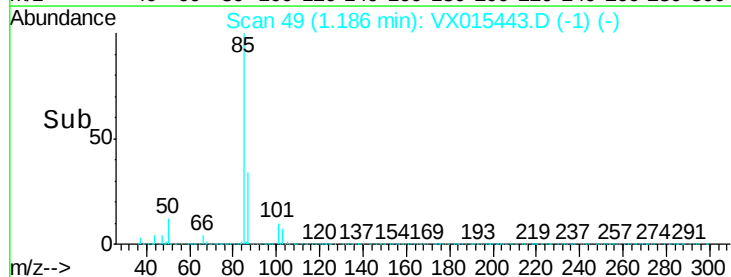
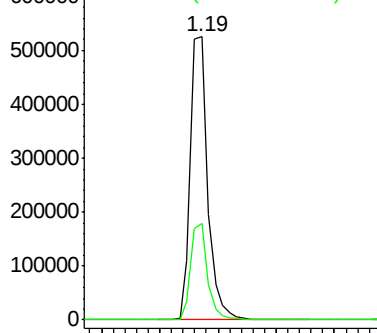
85 100

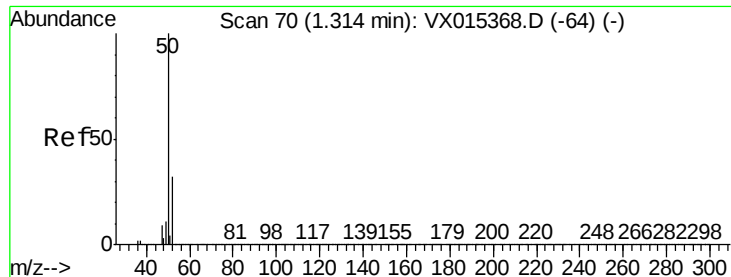
87 33.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

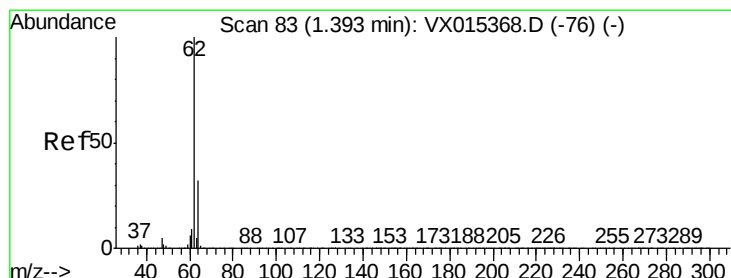
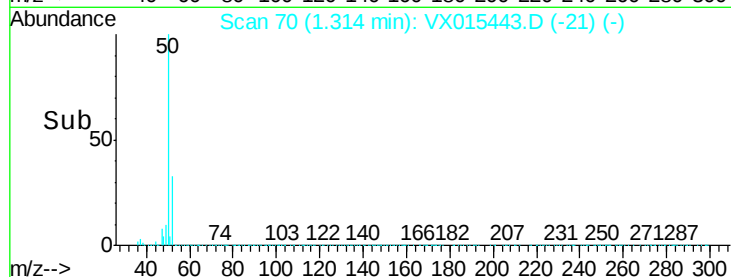
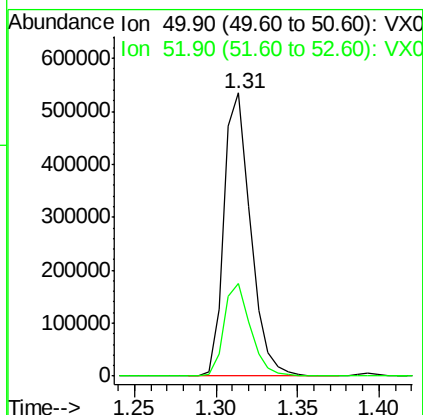
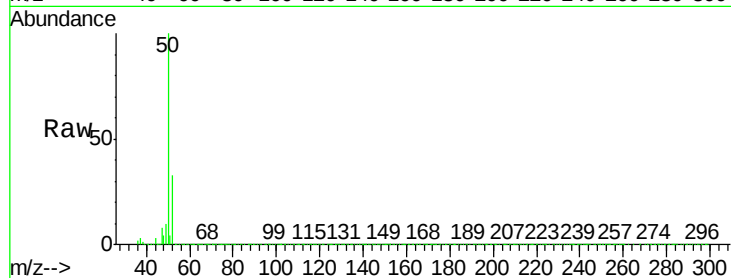




#3
Chloromethane
Concen: 49.284 ug/l
RT: 1.31 min Scan# 70
Delta R.T. -0.00 min
Lab File: VX015443.D
Acq: 31 Mar 2020 10:33

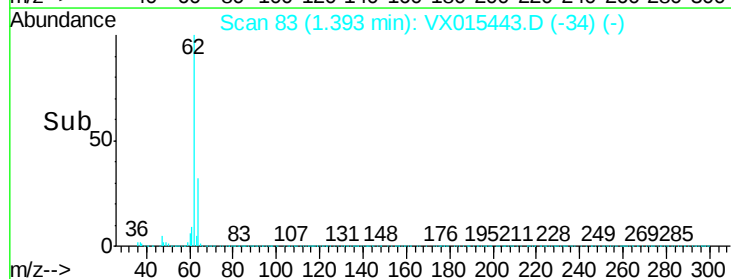
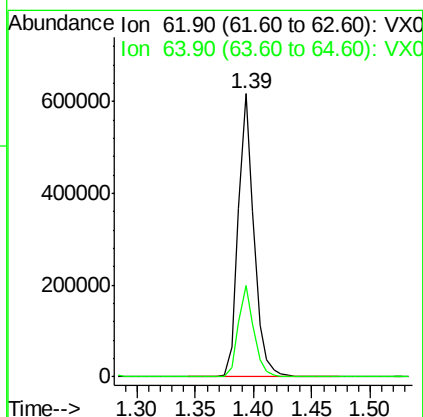
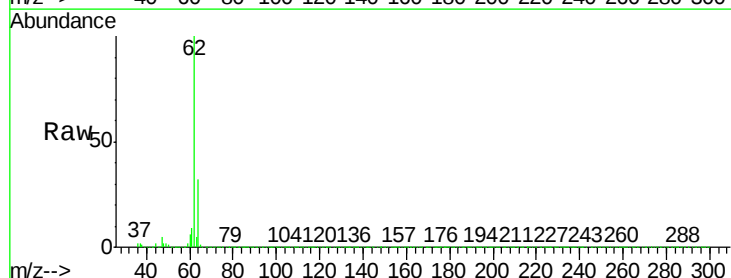
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 50 Resp: 605451
Ion Ratio Lower Upper
50 100
52 32.7 25.3 37.9



#4
Vinyl Chloride
Concen: 51.598 ug/l
RT: 1.39 min Scan# 83
Delta R.T. -0.00 min
Lab File: VX015443.D
Acq: 31 Mar 2020 10:33

Tgt Ion: 62 Resp: 582042
Ion Ratio Lower Upper
62 100
64 32.2 26.0 39.0





#5

Bromomethane

Concen: 58.811 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX015443.D

Acq: 31 Mar 2020 10:33

Instrument :

MSVOA_X

ClientSampleId :

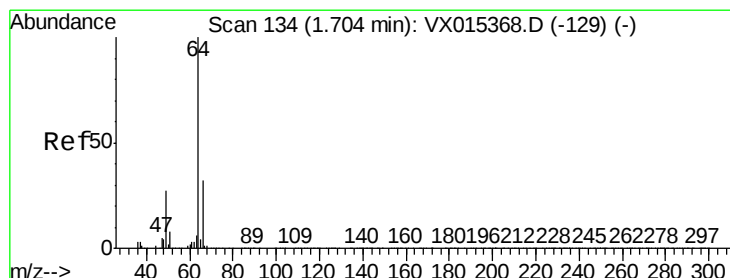
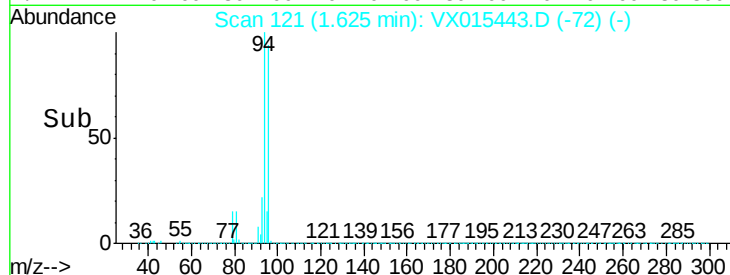
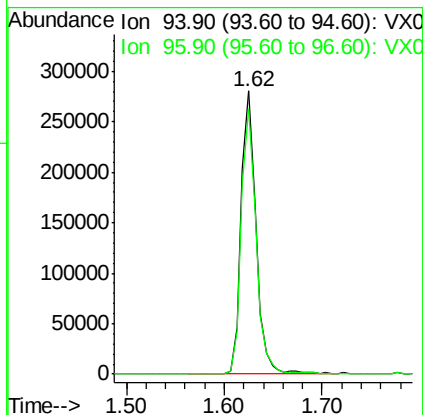
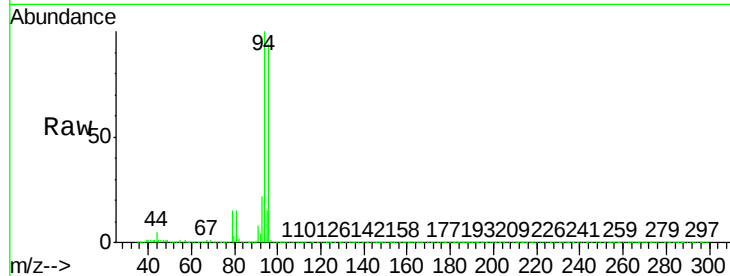
VSTDCCC050

Tot Ion: 94 Resp: 298394

Ion Ratio Lower Upper

94 100

96 93.6 74.8 112.2



#6

Chloroethane

Concen: 50.254 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015443.D

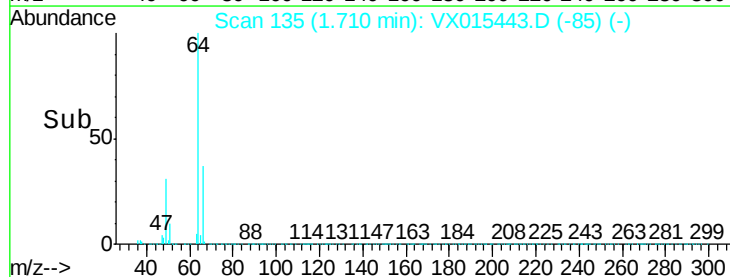
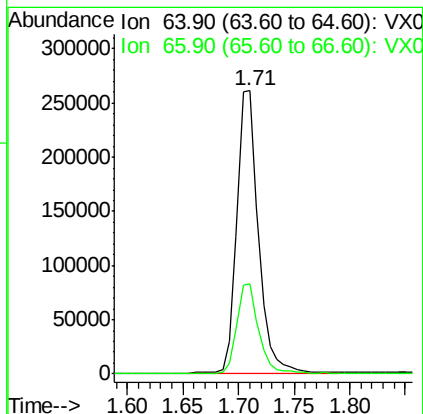
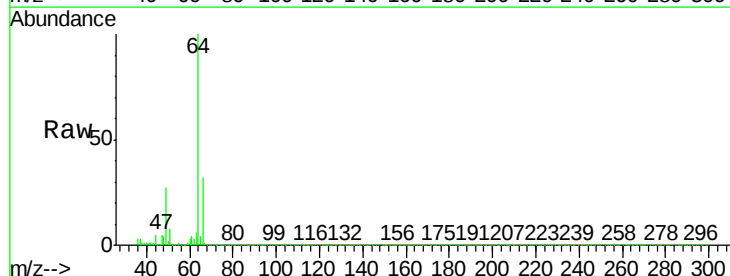
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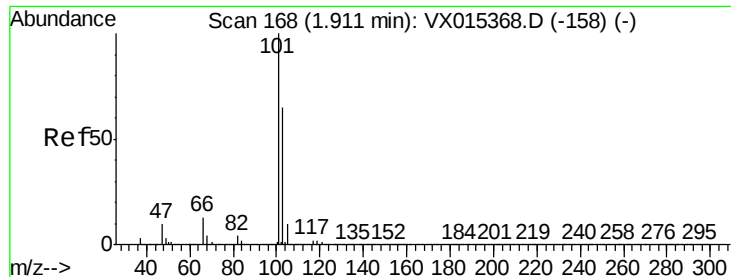
Tgt Ion: 64 Resp: 351581

Ion Ratio Lower Upper

64 100

66 31.8 25.4 38.2



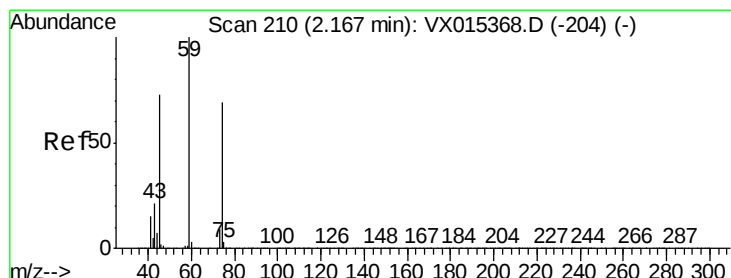
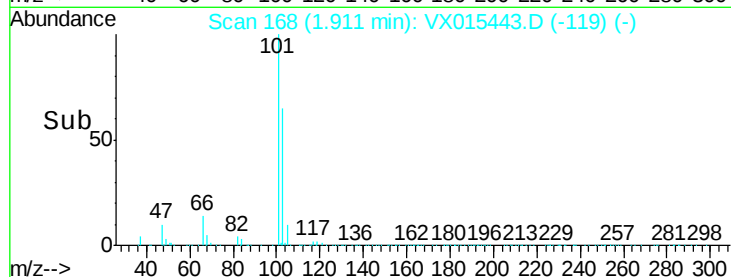
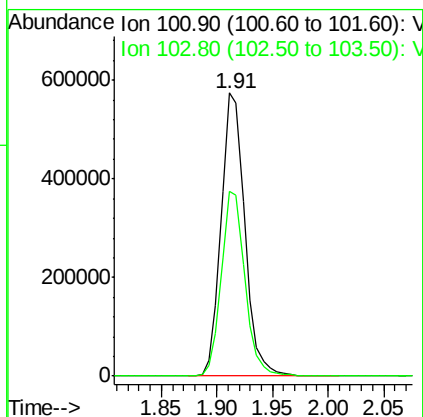
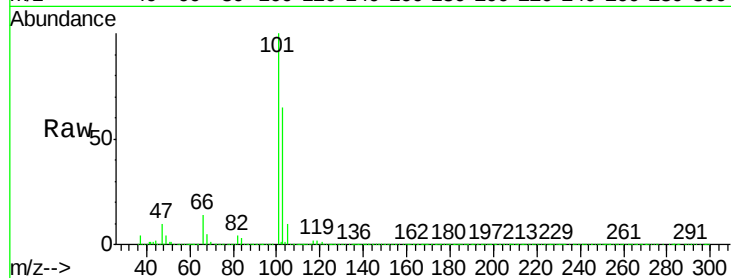


#7

Trichlorofluoromethane
Concen: 56.031 ug/l
RT: 1.91 min Scan# 168
Delta R.T. -0.00 min
Lab File: VX015443.D
Acq: 31 Mar 2020 10:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

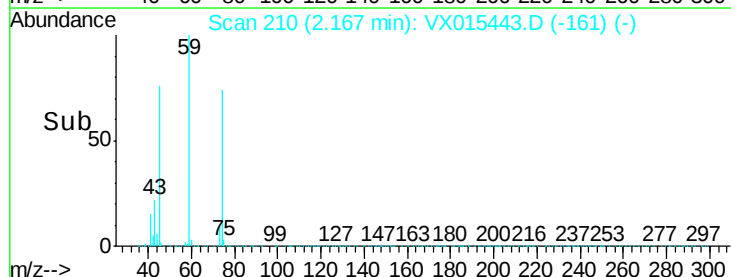
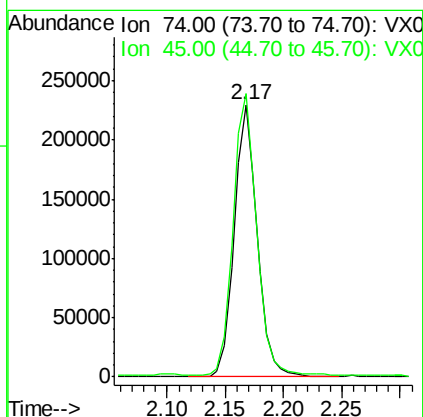
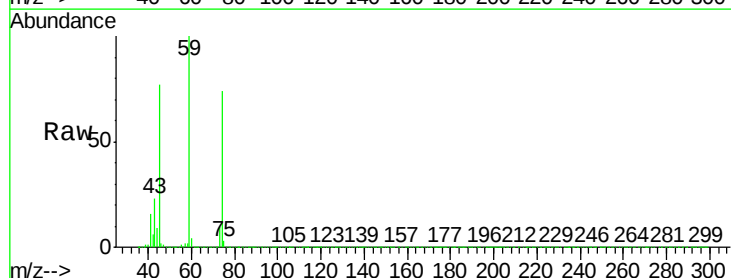
Tot Ion:101 Resp: 847630
Ion Ratio Lower Upper
101 100
103 65.1 52.3 78.5

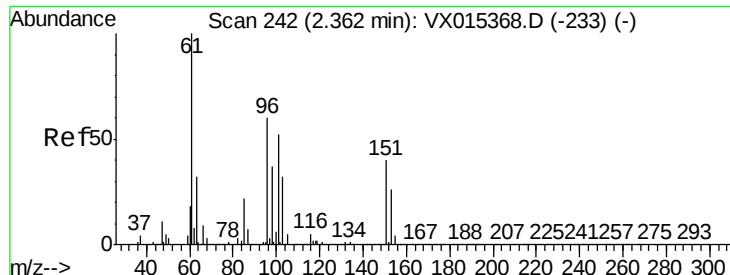


#8

Diethyl Ether
Concen: 49.532 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX015443.D
Acq: 31 Mar 2020 10:33

Tgt Ion: 74 Resp: 316051
Ion Ratio Lower Upper
74 100
45 106.4 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 56.591 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.00 min

Lab File: VX015443.D

Acq: 31 Mar 2020 10:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

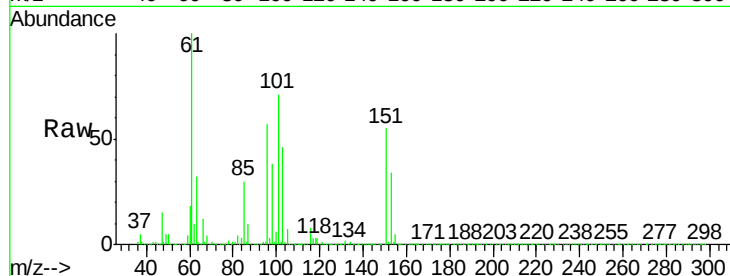
Tot Ion:101 Resp: 558099

Ion Ratio Lower Upper

101 100

85 44.9 35.0 52.4

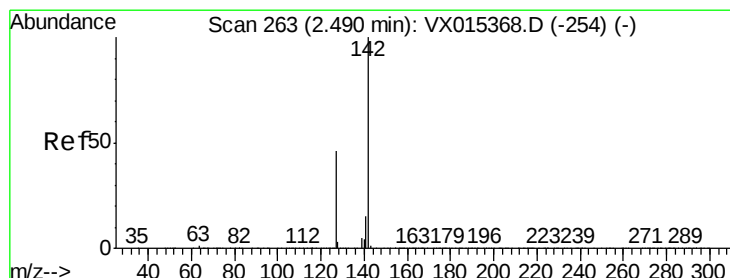
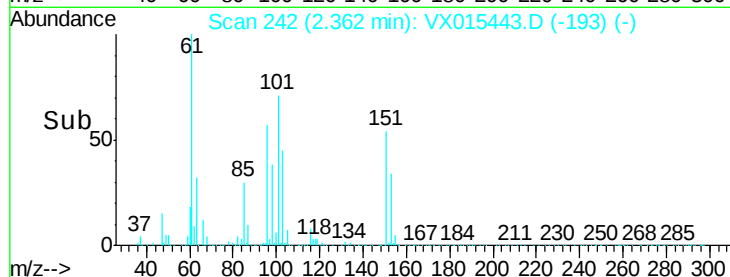
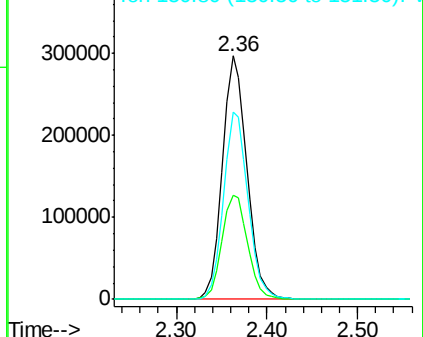
151 77.3 64.1 96.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.393 ug/l

RT: 2.49 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX015443.D

Acq: 31 Mar 2020 10:33

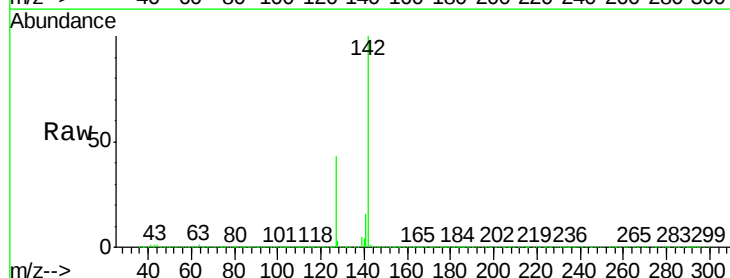
Tgt Ion:142 Resp: 630157

Ion Ratio Lower Upper

142 100

127 45.0 35.9 53.9

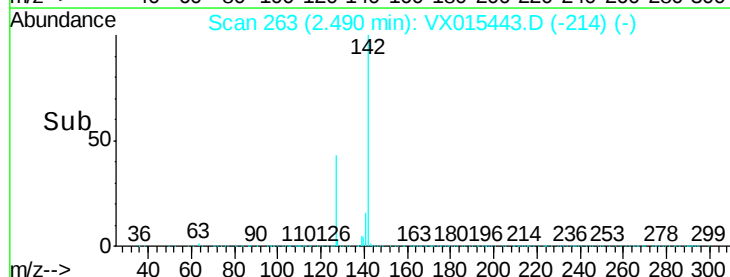
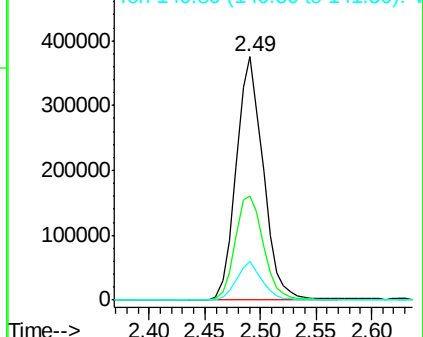
141 14.9 11.6 17.4

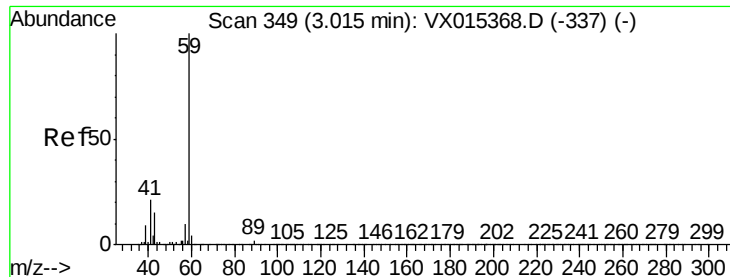


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



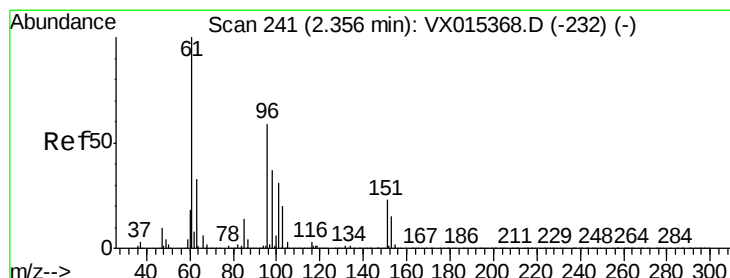
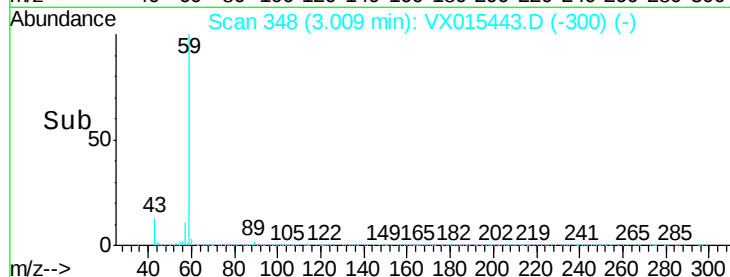
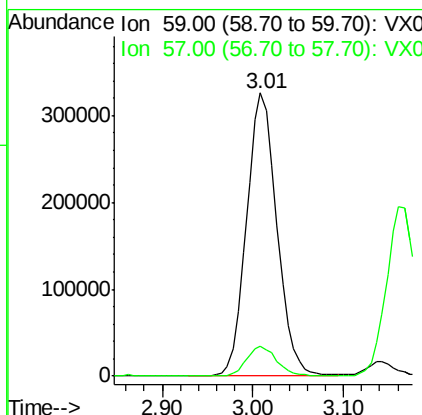
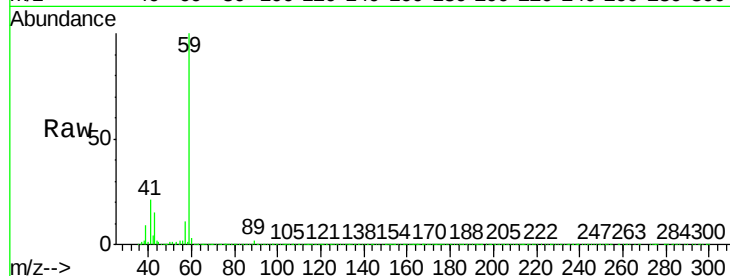


#11

Tert butyl alcohol
Concen: 204.727 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.01 min
Lab File: VX015443.D
Acq: 31 Mar 2020 10:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

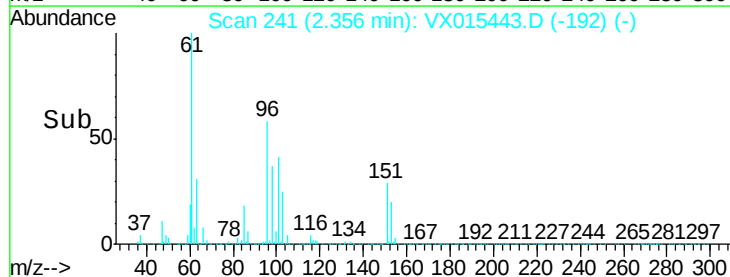
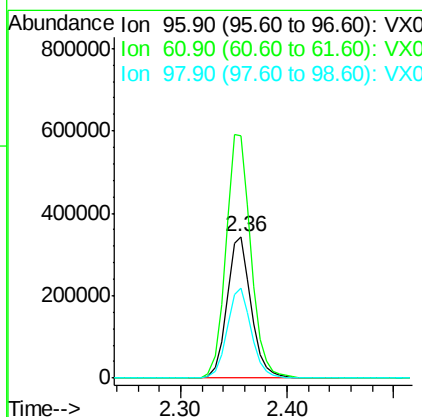
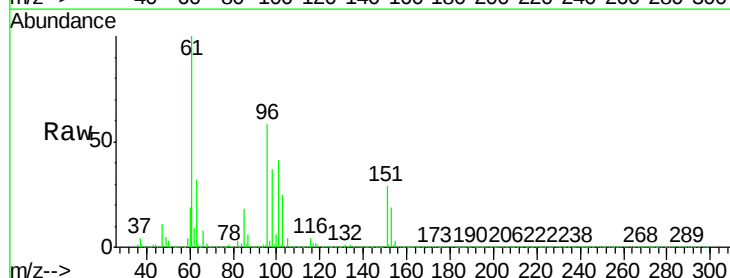
Tot Ion: 59 Resp: 756747
Ion Ratio Lower Upper
59 100
57 10.2 8.1 12.1

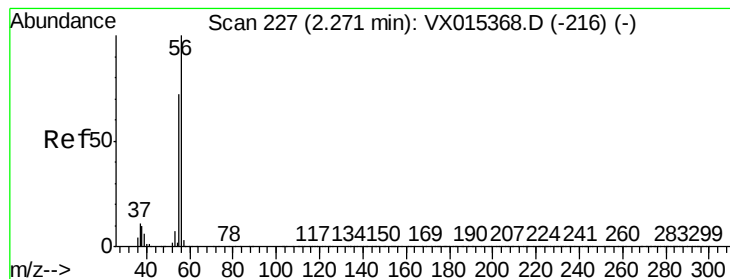


#12

1,1-Dichloroethene
Concen: 52.169 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.00 min
Lab File: VX015443.D
Acq: 31 Mar 2020 10:33

Tgt Ion: 96 Resp: 539297
Ion Ratio Lower Upper
96 100
61 171.6 135.7 203.5
98 63.5 50.6 75.8





#13

Acrolein

Concen: 221.326 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.00 min

Lab File: VX015443.D

Acq: 31 Mar 2020 10:33

Instrument :

MSVOA_X

ClientSampleId :

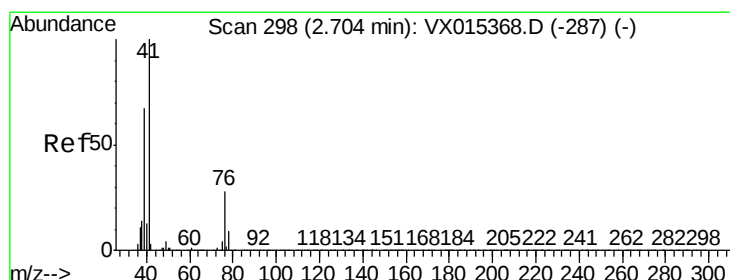
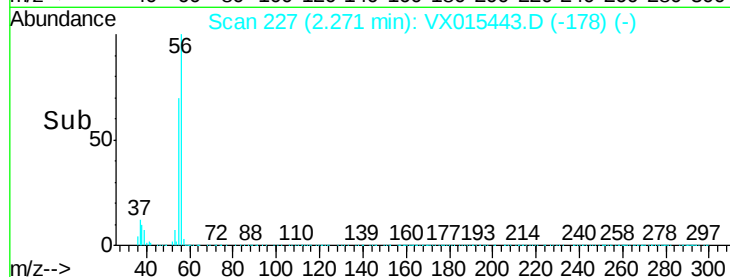
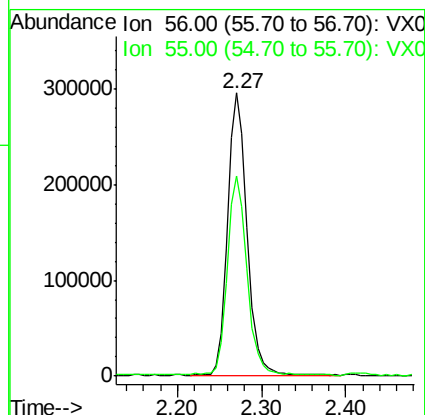
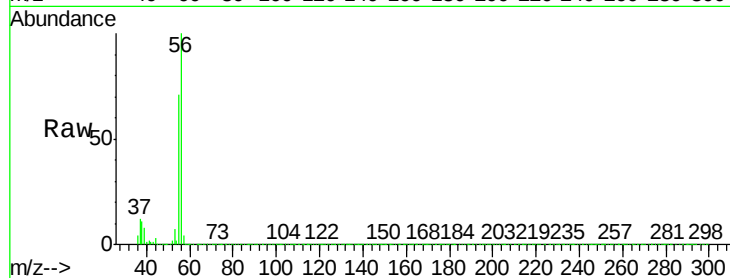
VSTDCCC050

Tot Ion: 56 Resp: 466029

Ion Ratio Lower Upper

56 100

55 71.1 57.0 85.4



#14

Allyl chloride

Concen: 50.577 ug/l

RT: 2.70 min Scan# 298

Delta R.T. -0.00 min

Lab File: VX015443.D

Acq: 31 Mar 2020 10:33

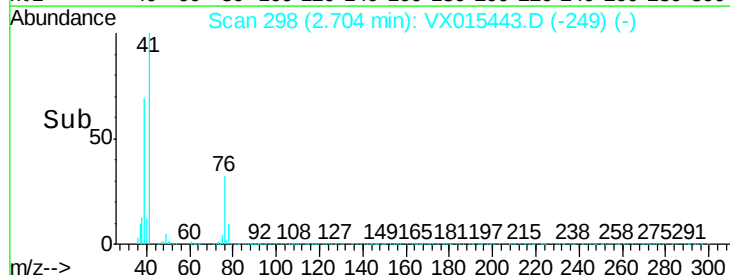
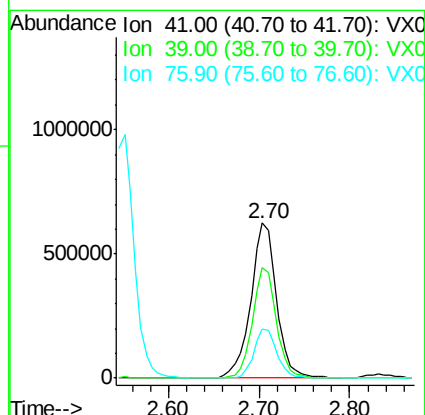
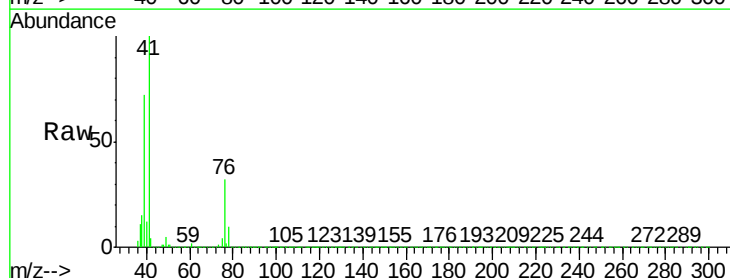
Tgt Ion: 41 Resp: 1221643

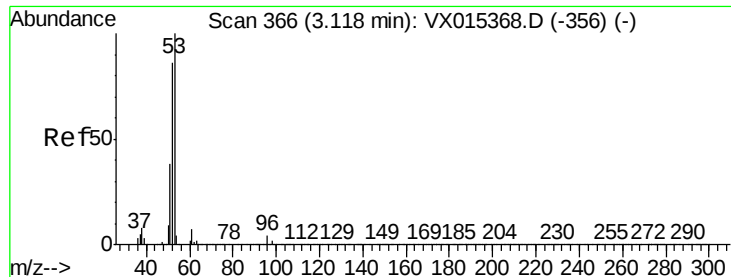
Ion Ratio Lower Upper

41 100

39 66.4 51.4 77.0

76 28.1 21.8 32.8





#15

Acrylonitrile

Concen: 227.963 ug/l

RT: 3.11 min Scan# 365

Delta R.T. -0.01 min

Lab File: VX015443.D

Acq: 31 Mar 2020 10:33

Instrument :

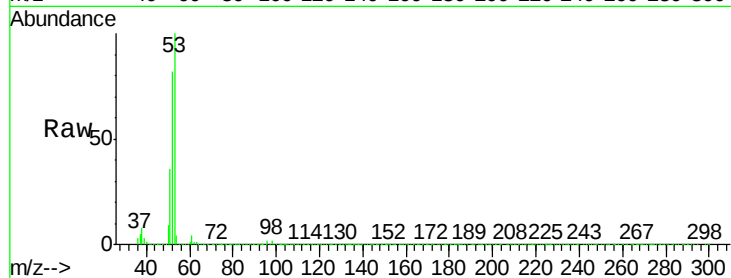
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 1606967

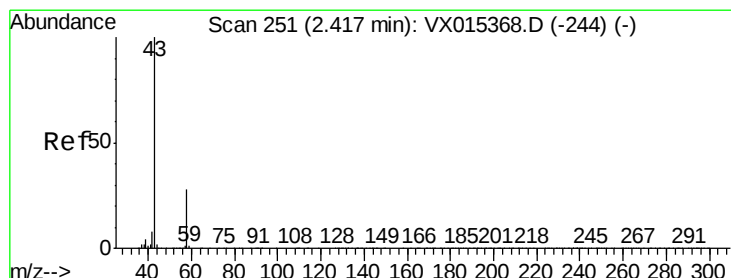
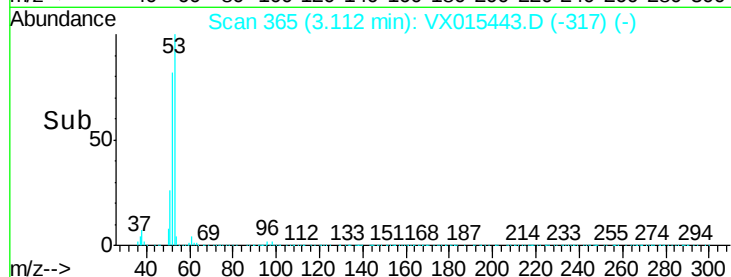
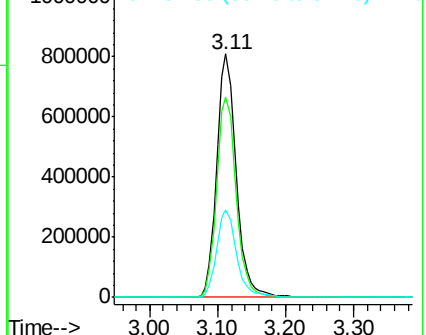
Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.8	100.2
51	36.8	29.5	44.3



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: 243.987 ug/l

RT: 2.42 min Scan# 251

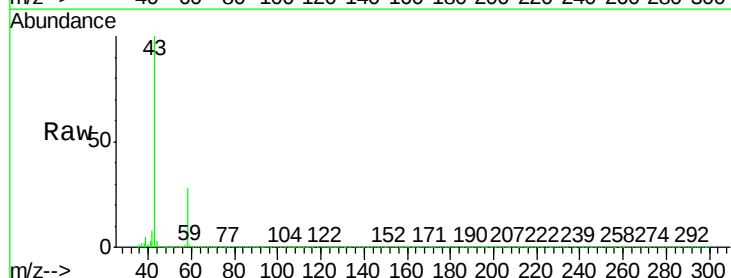
Delta R.T. -0.00 min

Lab File: VX015443.D

Acq: 31 Mar 2020 10:33

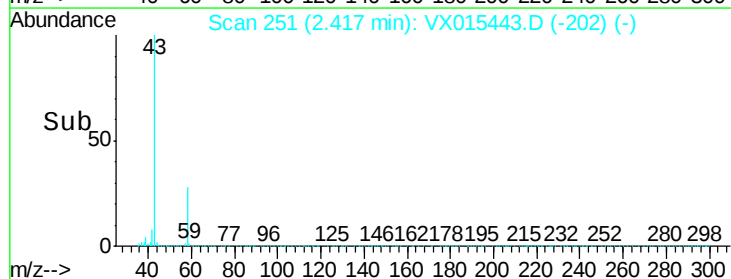
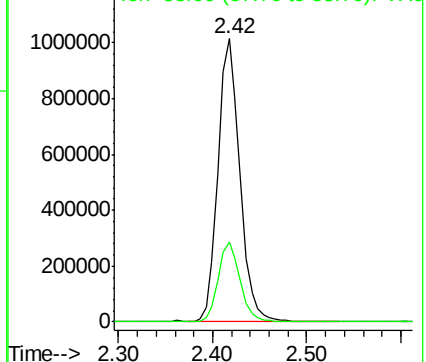
Tgt Ion: 43 Resp: 1618777

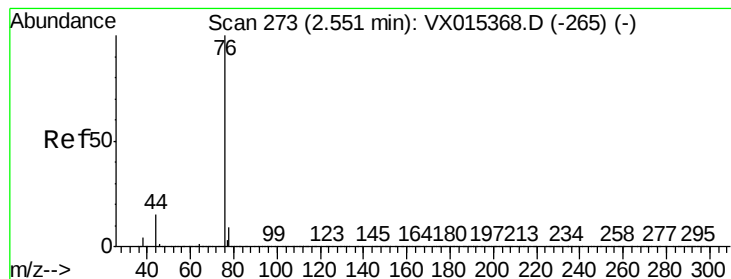
Ion	Ratio	Lower	Upper
43	100		
58	28.3	22.1	33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 51.634 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX015443.D

Acq: 31 Mar 2020 10:33

Instrument :

MSVOA_X

ClientSampled :

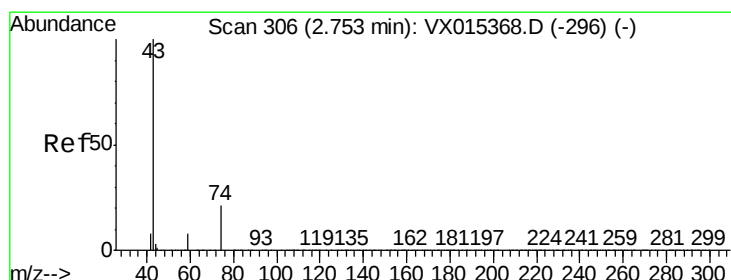
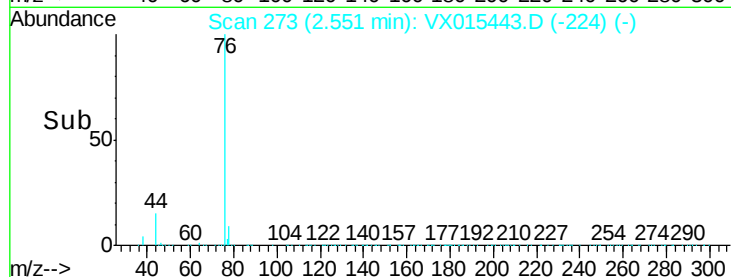
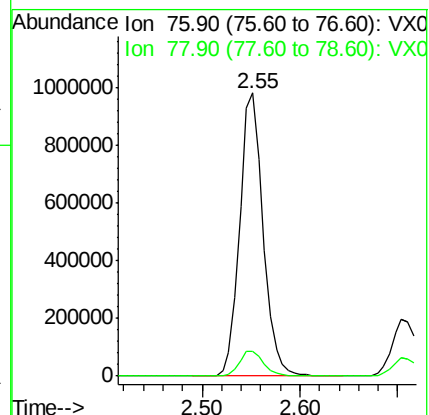
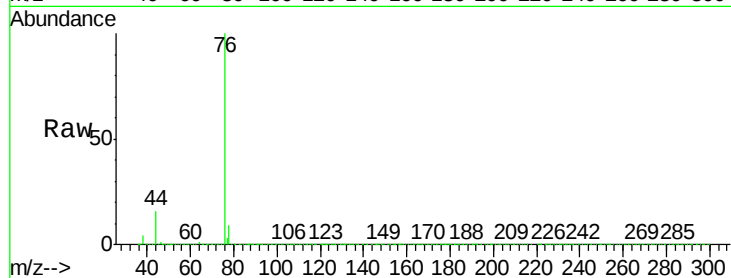
VSTDCCC050

Tot Ion: 76 Resp: 1628285

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7



#18

Methyl Acetate

Concen: 45.075 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015443.D

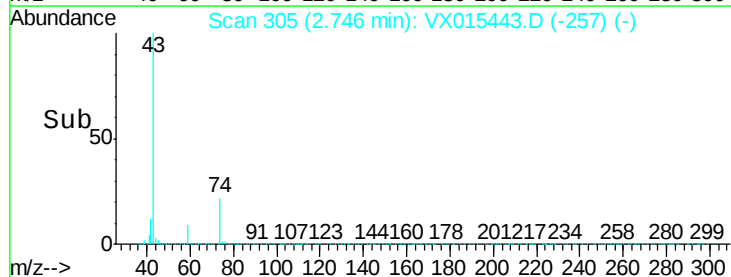
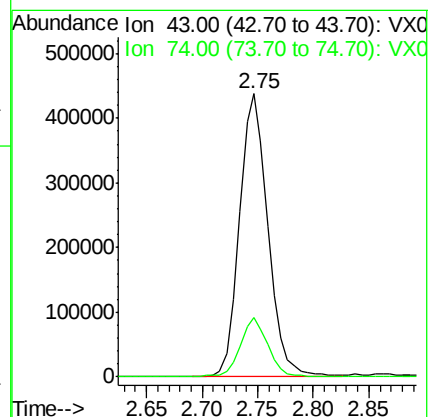
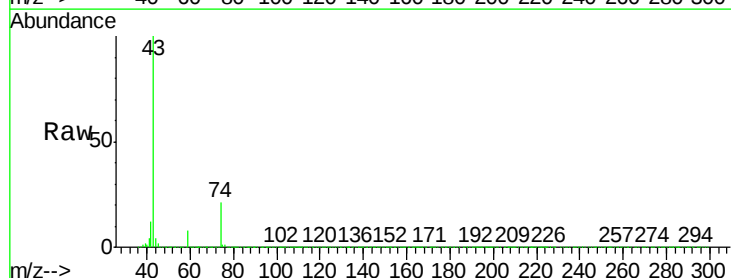
Acq: 31 Mar 2020 10:33

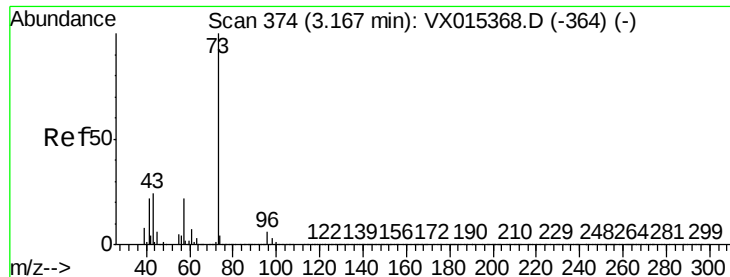
Tgt Ion: 43 Resp: 763284

Ion Ratio Lower Upper

43 100

74 20.6 16.5 24.7



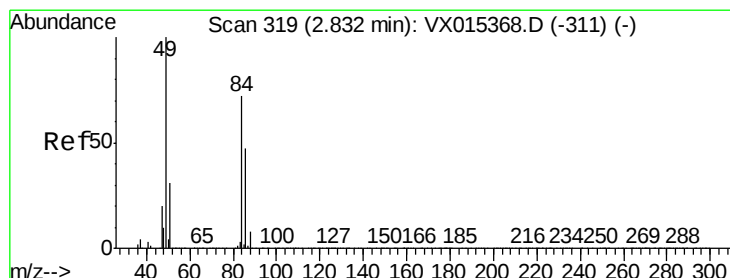
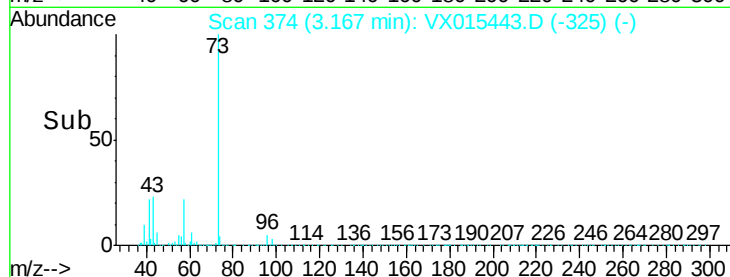
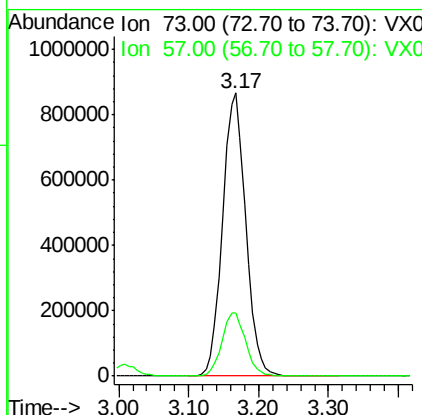
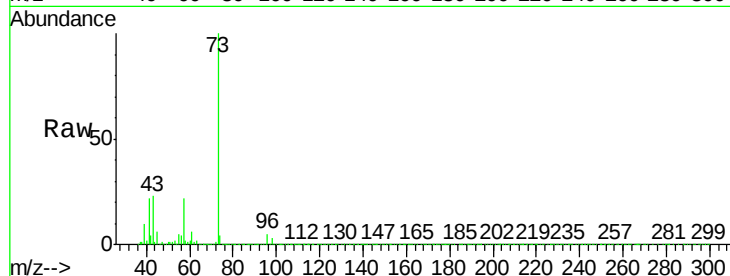


#19

Methyl tert-butyl Ether
 Concen: 49.855 ug/l
 RT: 3.17 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VX015443.D
 Acq: 31 Mar 2020 10:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

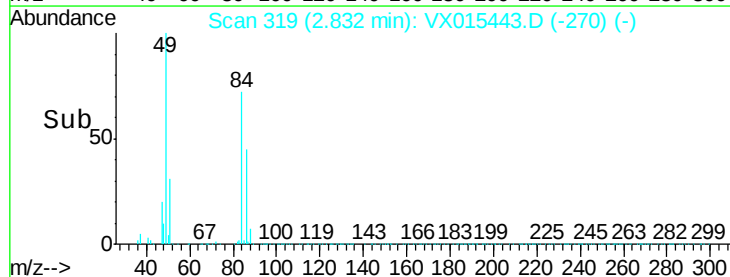
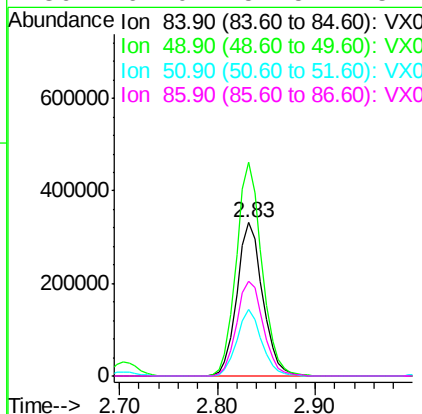
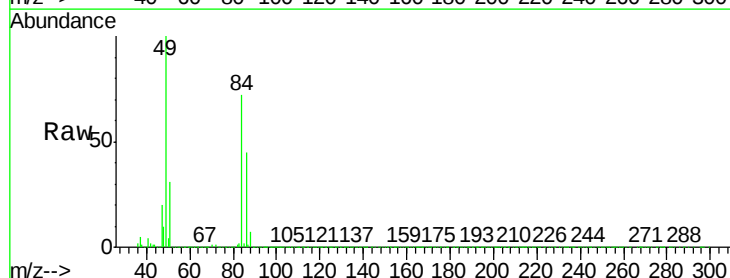
Tot Ion: 73 Resp: 1998813
 Ion Ratio Lower Upper
 73 100
 57 22.2 17.9 26.9

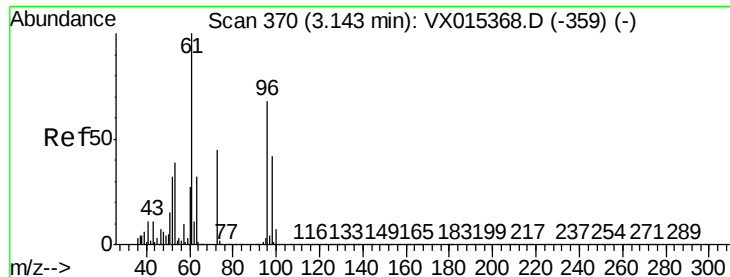


#20

Methylene Chloride
 Concen: 48.754 ug/l
 RT: 2.83 min Scan# 319
 Delta R.T. -0.00 min
 Lab File: VX015443.D
 Acq: 31 Mar 2020 10:33

Tgt Ion: 84 Resp: 604188
 Ion Ratio Lower Upper
 84 100
 49 139.1 111.3 166.9
 51 43.3 34.0 51.0
 86 62.0 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 50.992 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.00 min

Lab File: VX015443.D

Acq: 31 Mar 2020 10:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

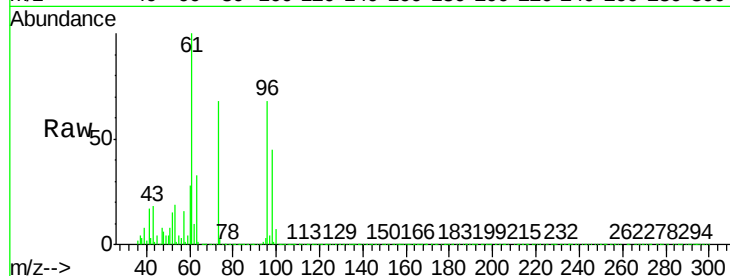
Tot Ion: 96 Resp: 585017

Ion Ratio Lower Upper

96 100

61 147.4 116.9 175.3

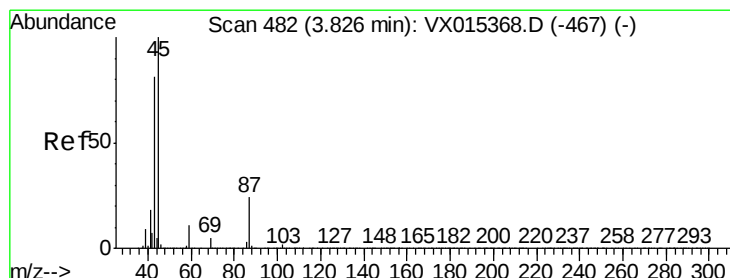
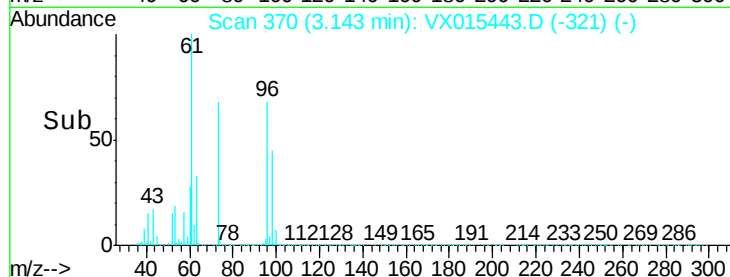
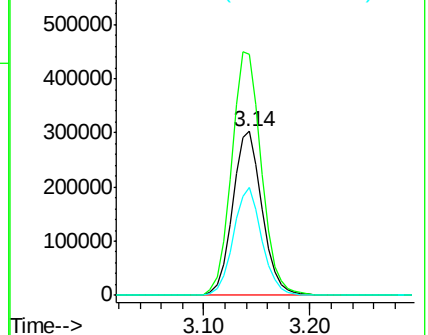
98 66.1 48.6 73.0



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: 51.026 ug/l

RT: 3.82 min Scan# 481

Delta R.T. -0.01 min

Lab File: VX015443.D

Acq: 31 Mar 2020 10:33

Tgt Ion: 45 Resp: 2183988

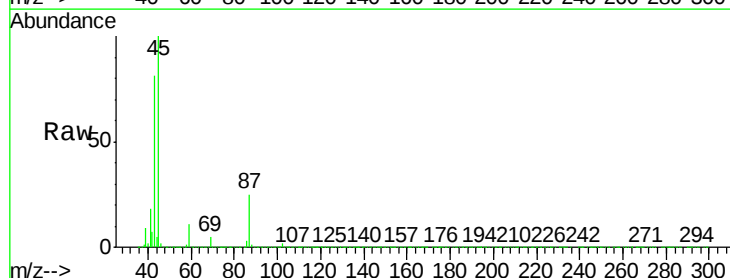
Ion Ratio Lower Upper

45 100

43 81.2 64.7 97.1

87 24.9 19.4 29.0

59 10.5 8.7 13.1

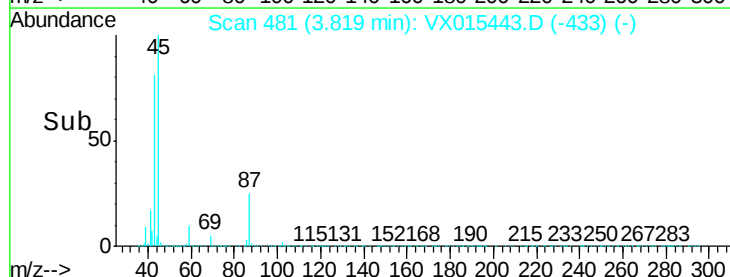
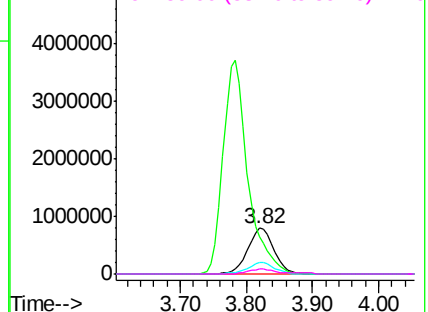


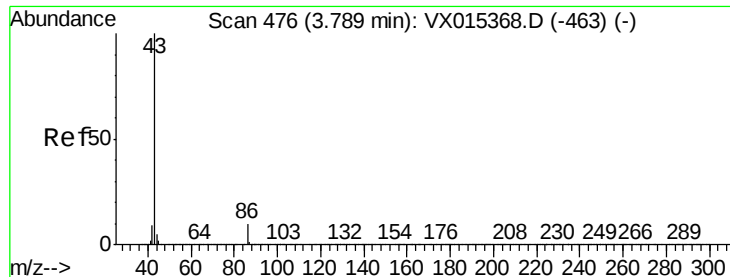
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 248.612 ug/l

RT: 3.78 min Scan# 475

Delta R.T. -0.01 min

Lab File: VX015443.D

Acq: 31 Mar 2020 10:33

Instrument :

MSVOA_X

ClientSampleId :

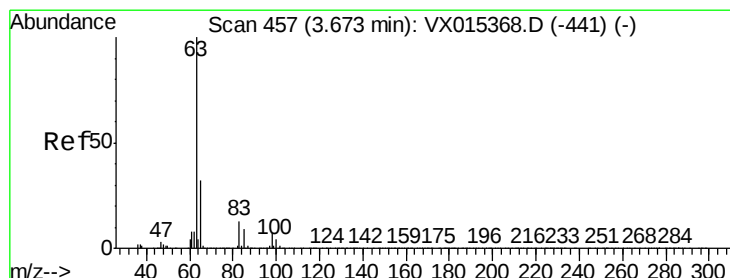
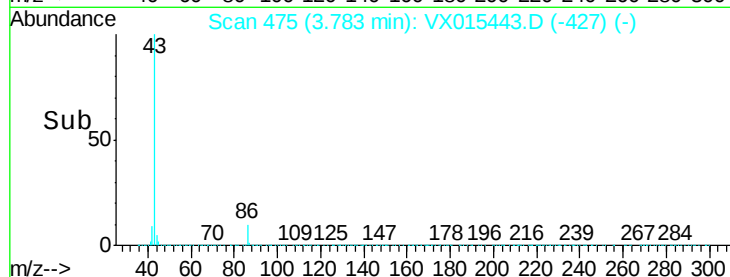
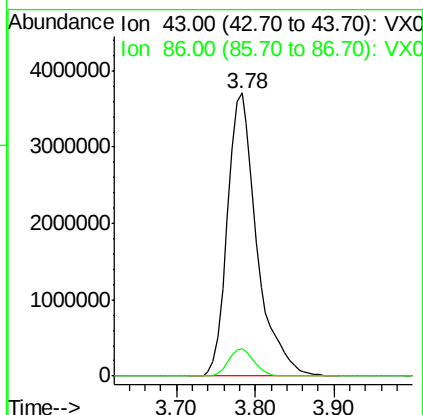
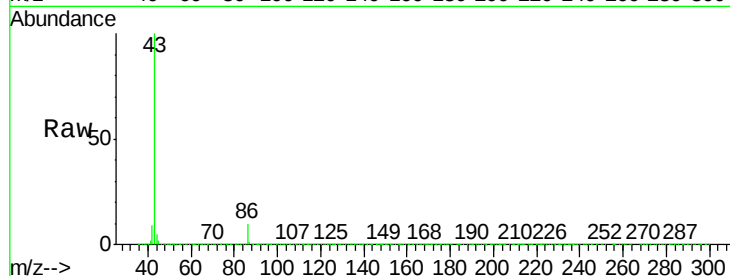
VSTDCCC050

Tot Ion: 43 Resp: 9634350

Ion Ratio Lower Upper

43 100

86 9.6 7.8 11.6



#24

1,1-Dichloroethane

Concen: 50.216 ug/l

RT: 3.67 min Scan# 456

Delta R.T. -0.01 min

Lab File: VX015443.D

Acq: 31 Mar 2020 10:33

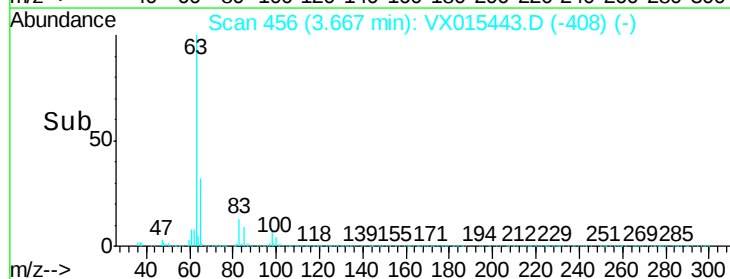
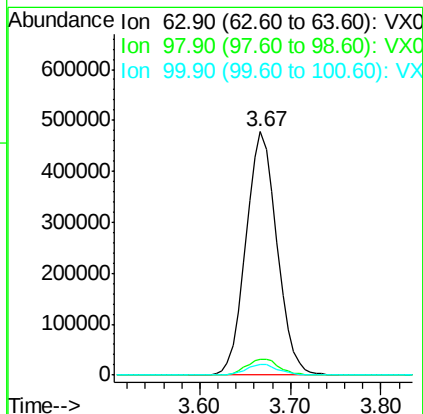
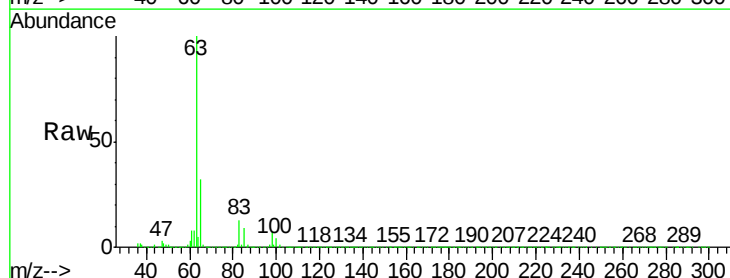
Tgt Ion: 63 Resp: 1131630

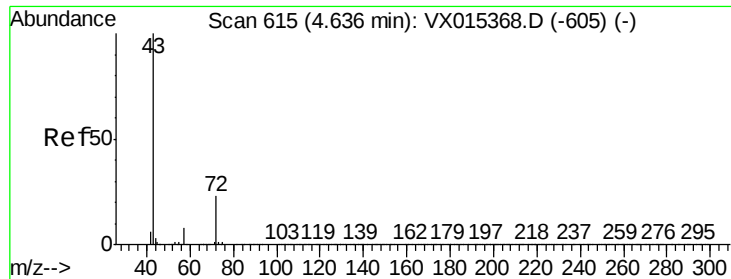
Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.8

100 4.2 2.1 6.5





#25

2-Butanone

Concen: 226.226 ug/l

RT: 4.63 min Scan# 614

Delta R.T. -0.01 min

Lab File: VX015443.D

Acq: 31 Mar 2020 10:33

Instrument :

MSVOA_X

ClientSampleId :

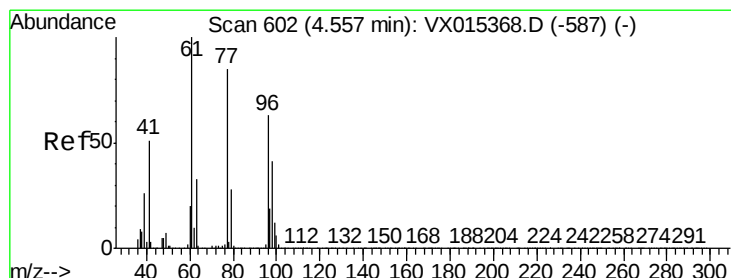
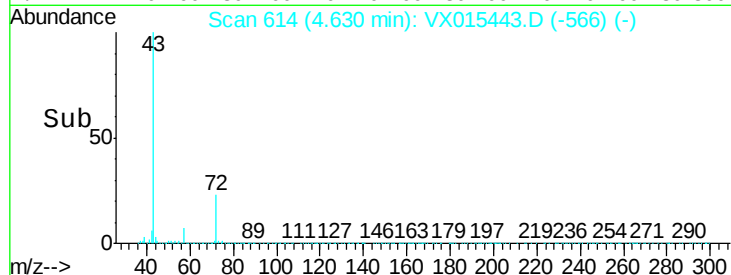
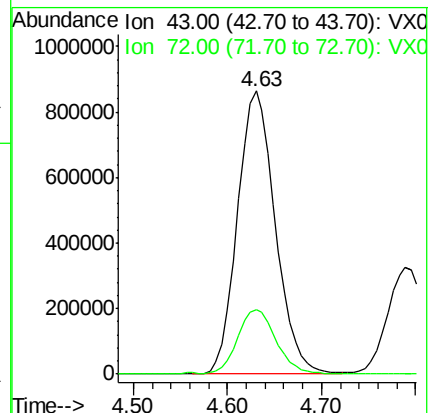
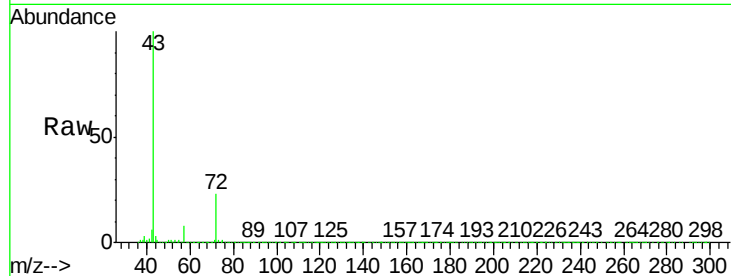
VSTDCCC050

Tot Ion: 43 Resp: 2413819

Ion Ratio Lower Upper

43 100

72 22.9 19.0 28.4



#26

2,2-Dichloropropane

Concen: 56.479 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015443.D

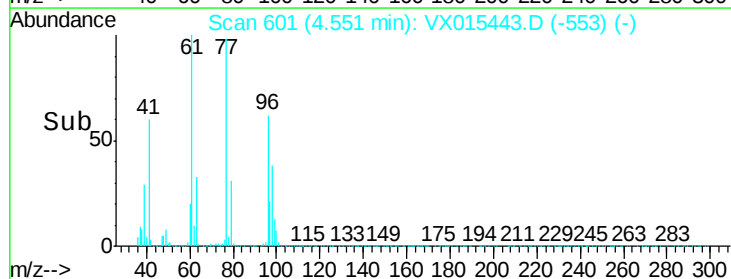
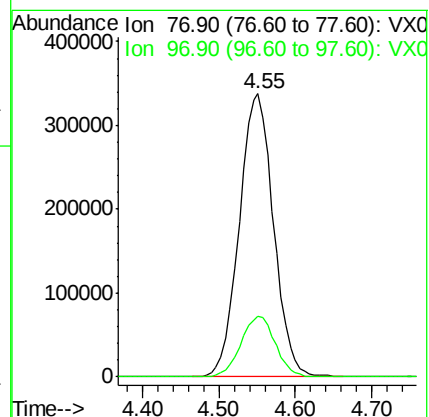
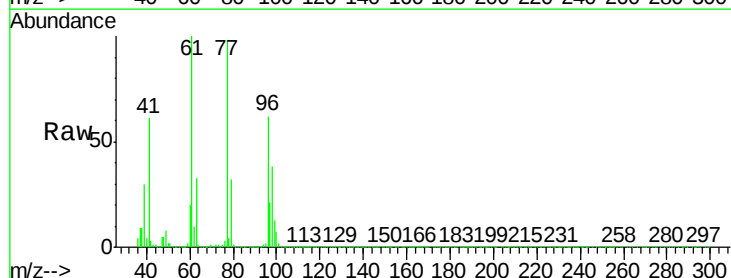
Acq: 31 Mar 2020 10:33

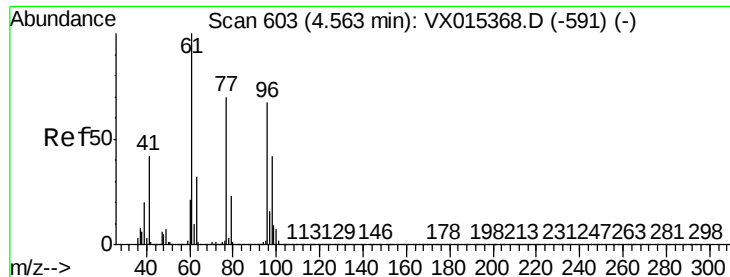
Tgt Ion: 77 Resp: 1044720

Ion Ratio Lower Upper

77 100

97 21.8 11.3 33.8



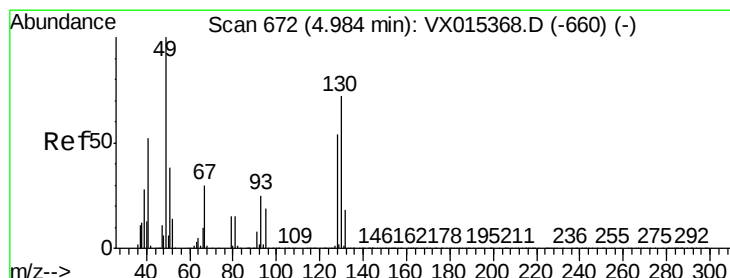
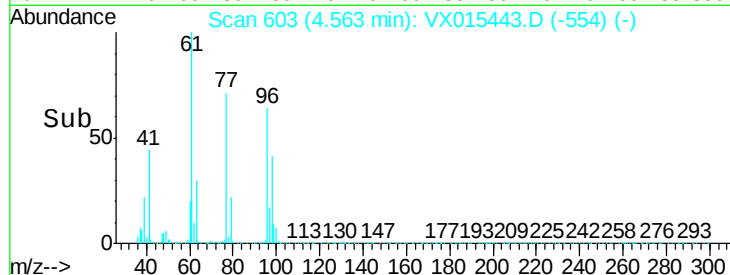
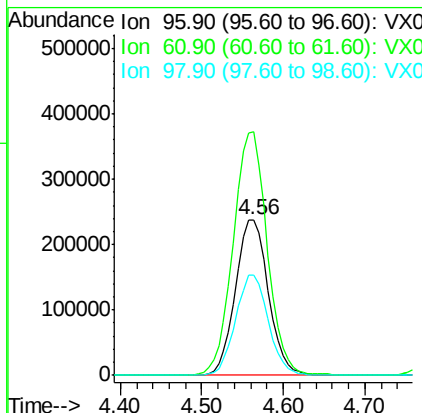
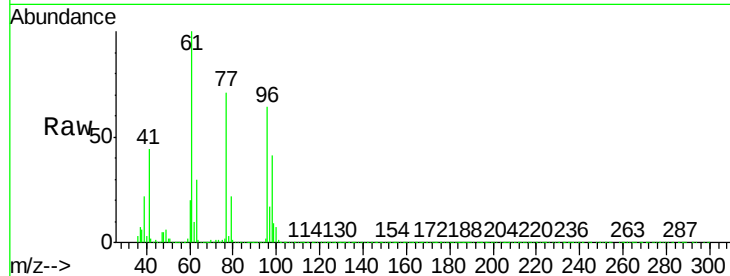


#27

cis-1,2-Dichloroethene
Concen: 50.025 ug/l
RT: 4.56 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX015443.D
Acq: 31 Mar 2020 10:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

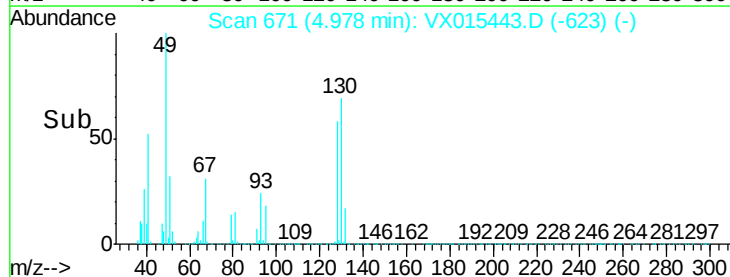
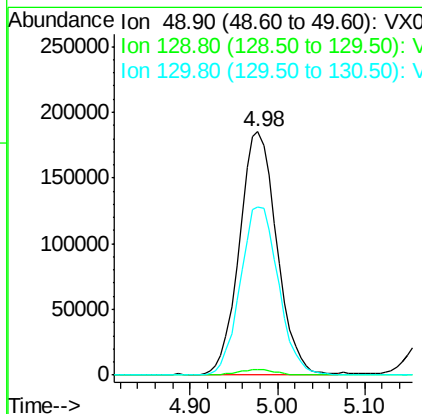
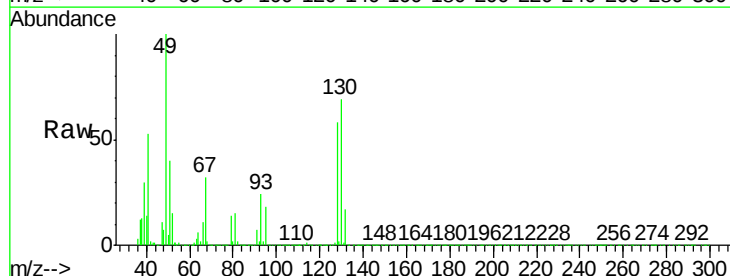
Tot Ion	Ratio	Lower	Upper
96	100		
61	161.7	0.0	308.4
98	64.8	0.0	129.2

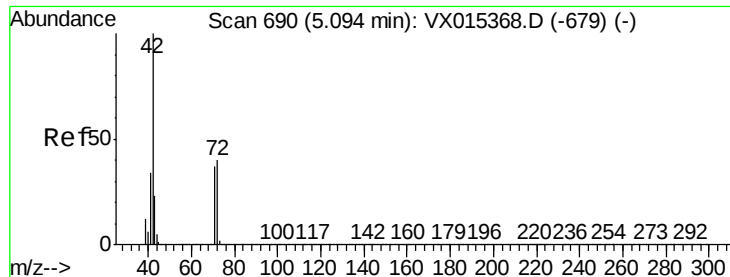


#28

Bromochloromethane
Concen: 51.238 ug/l
RT: 4.98 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX015443.D
Acq: 31 Mar 2020 10:33

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.4
130	70.2	57.7	86.5





#29

Tetrahydrofuran

Concen: 220.196 ug/l

RT: 5.09 min Scan# 689

Delta R.T. -0.01 min

Lab File: VX015443.D

Acq: 31 Mar 2020 10:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

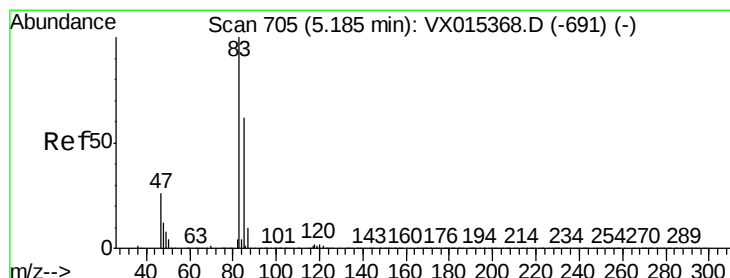
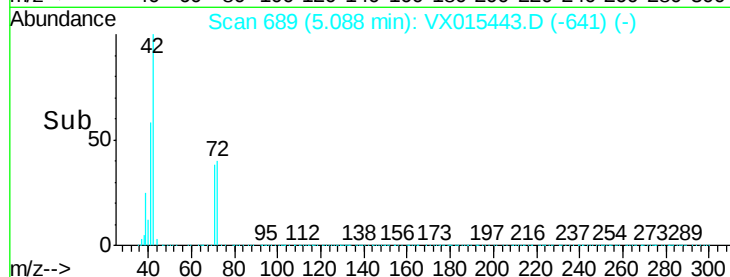
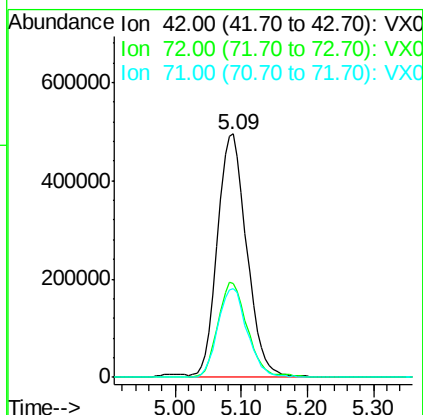
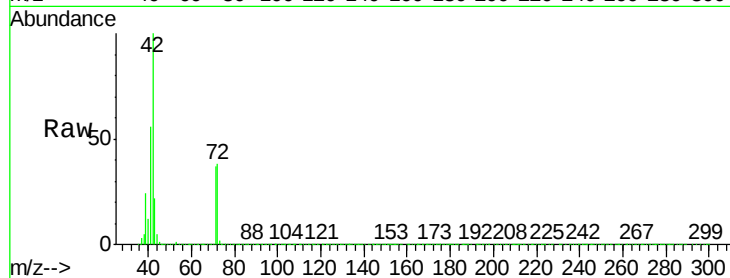
Tot Ion: 42 Resp: 1510422

Ion Ratio Lower Upper

42 100

72 39.4 31.7 47.5

71 36.7 29.6 44.4



#30

Chloroform

Concen: 50.621 ug/l

RT: 5.17 min Scan# 703

Delta R.T. -0.01 min

Lab File: VX015443.D

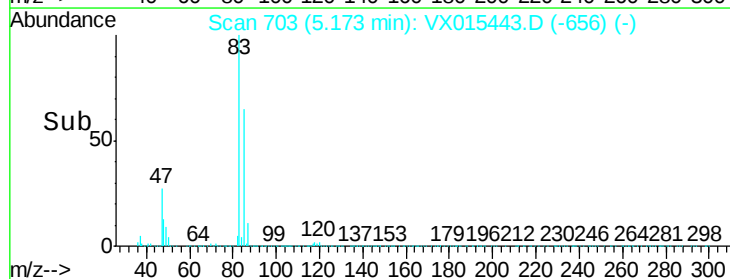
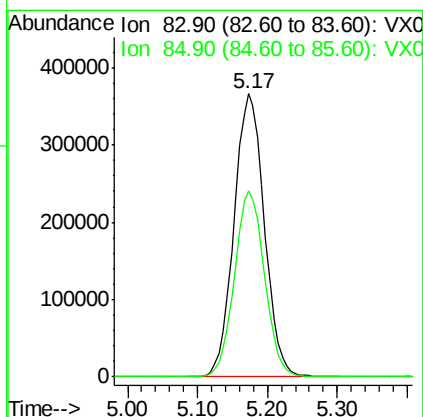
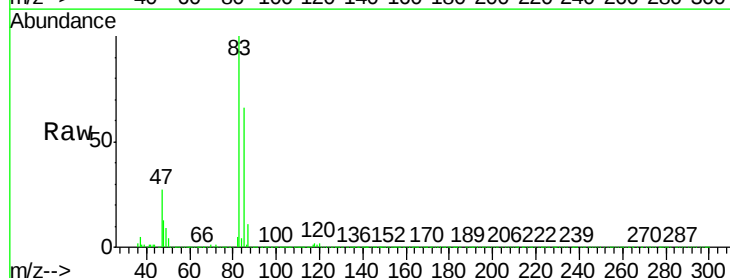
Acq: 31 Mar 2020 10:33

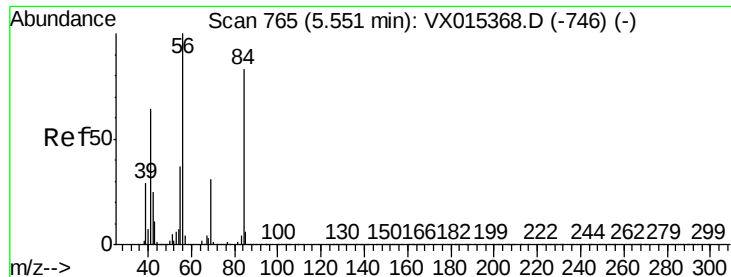
Tgt Ion: 83 Resp: 1097532

Ion Ratio Lower Upper

83 100

85 65.7 49.5 74.3





#31

Cyclohexane

Concen: 54.628 ug/l

RT: 5.54 min Scan# 764

Delta R.T. -0.01 min

Lab File: VX015443.D

Acq: 31 Mar 2020 10:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

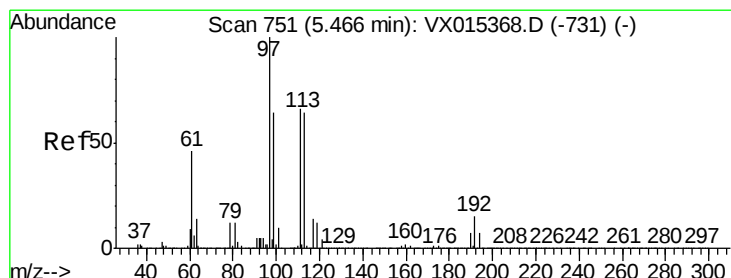
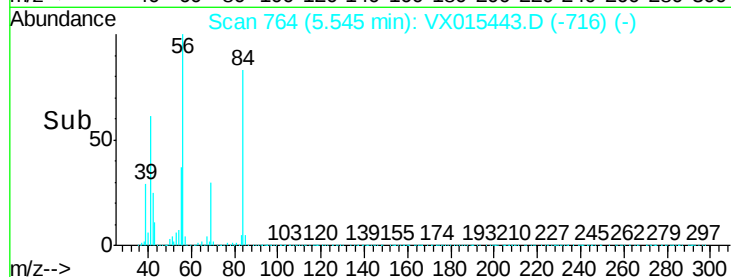
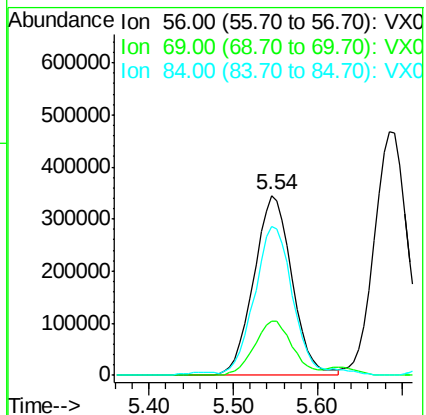
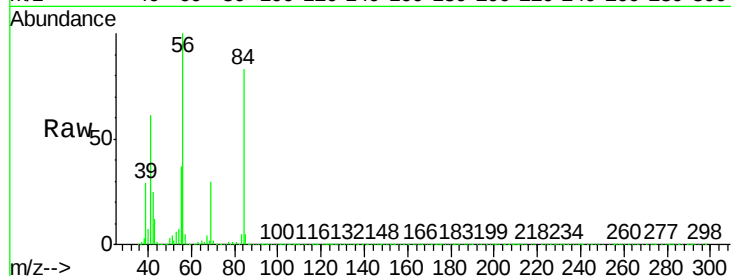
Tot Ion: 56 Resp: 1067953

Ion Ratio Lower Upper

56 100

69 30.3 24.6 36.8

84 81.3 66.1 99.1



#32

1,1,1-Trichloroethane

Concen: 51.163 ug/l

RT: 5.46 min Scan# 750

Delta R.T. -0.01 min

Lab File: VX015443.D

Acq: 31 Mar 2020 10:33

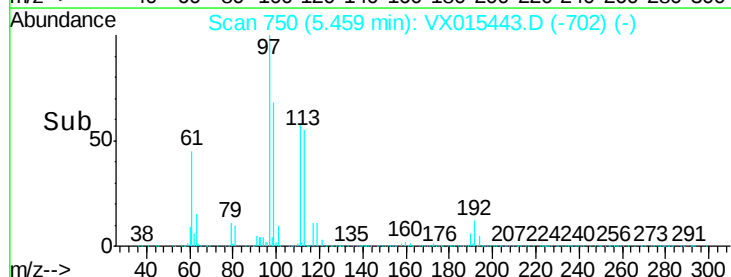
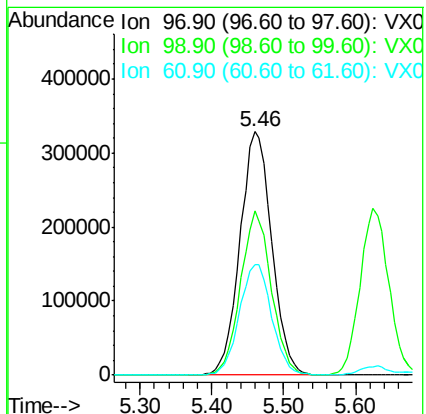
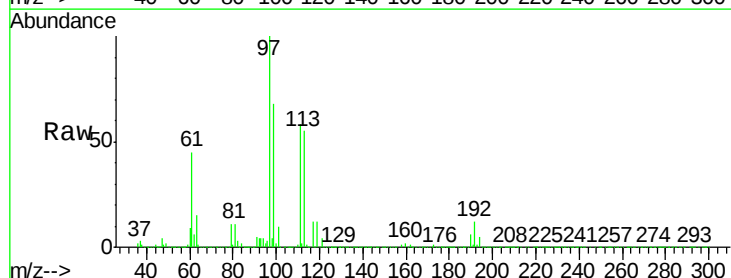
Tgt Ion: 97 Resp: 1003898

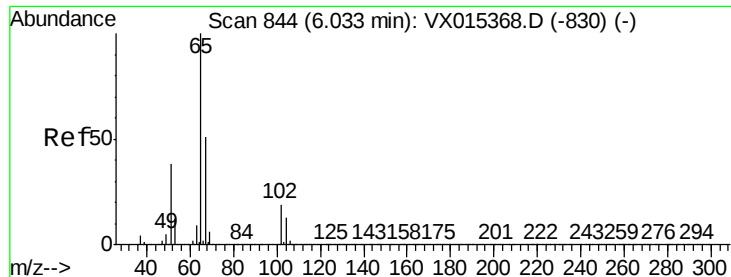
Ion Ratio Lower Upper

97 100

99 65.2 51.0 76.4

61 46.2 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 46.409 ug/l

RT: 6.03 min Scan# 844

Delta R.T. -0.00 min

Lab File: VX015443.D

Acq: 31 Mar 2020 10:33

Instrument :

MSVOA_X

ClientSampleId :

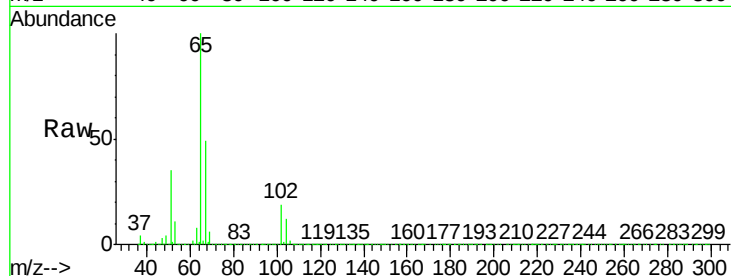
VSTDCCC050

Tot Ion: 65 Resp: 716698

Ion Ratio Lower Upper

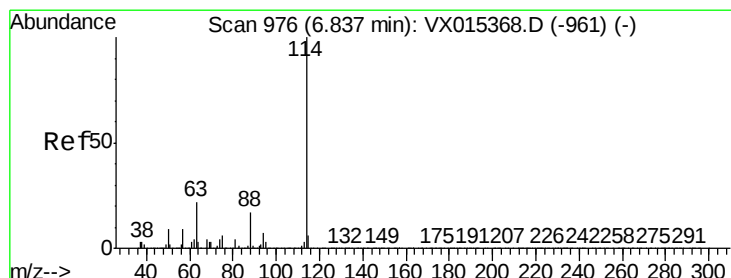
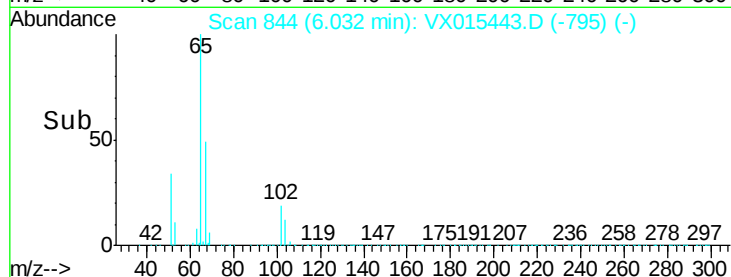
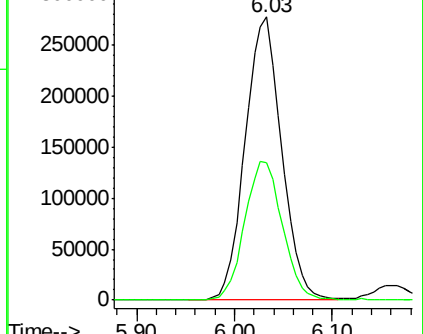
65 100

67 50.6 0.0 102.6



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: 6.83 min Scan# 974

Delta R.T. -0.01 min

Lab File: VX015443.D

Acq: 31 Mar 2020 10:33

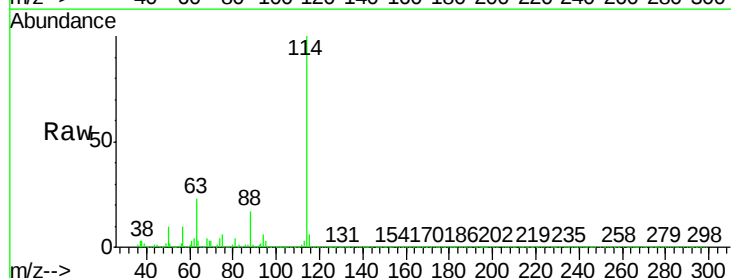
Tgt Ion: 114 Resp: 1674663

Ion Ratio Lower Upper

114 100

63 23.0 0.0 44.2

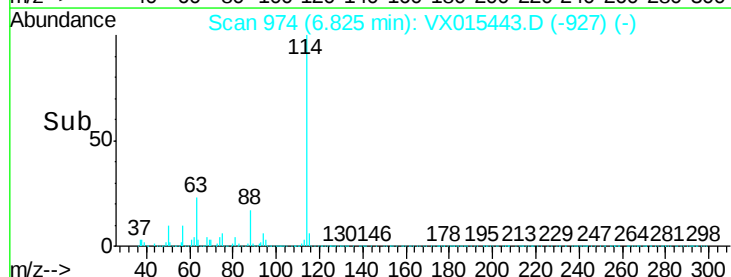
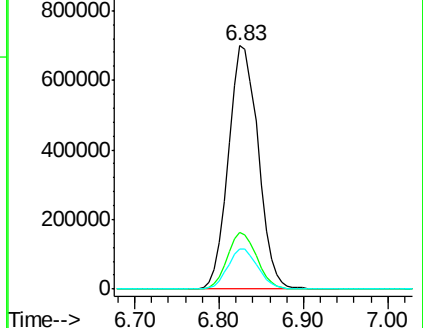
88 16.7 0.0 33.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

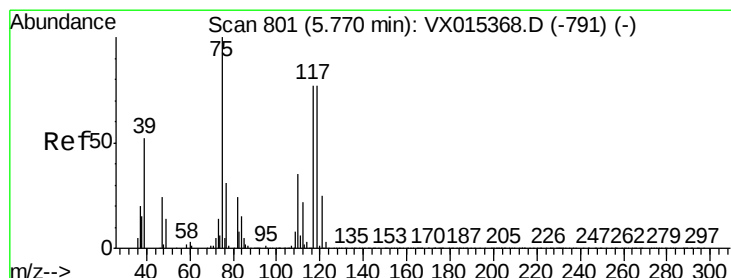
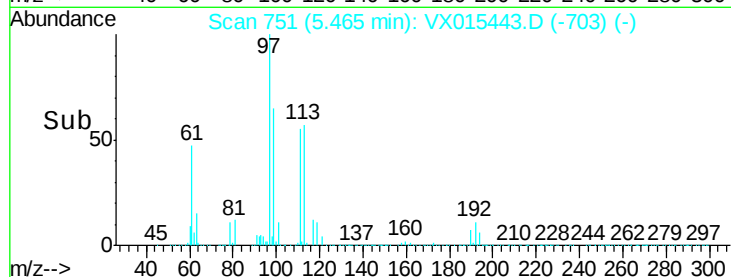
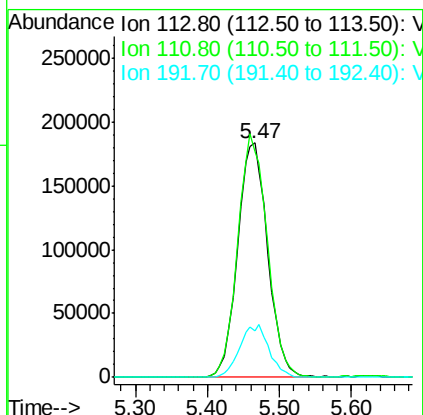
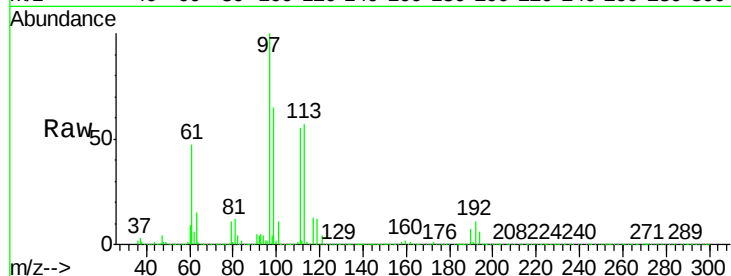




#35
 Dibromofluoromethane
 Concen: 49.582 ug/l
 RT: 5.47 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: VX015443.D
 Acq: 31 Mar 2020 10:33

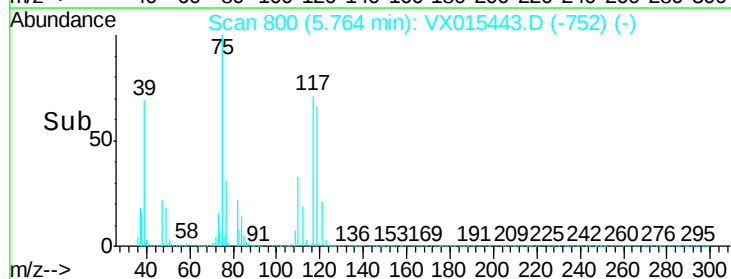
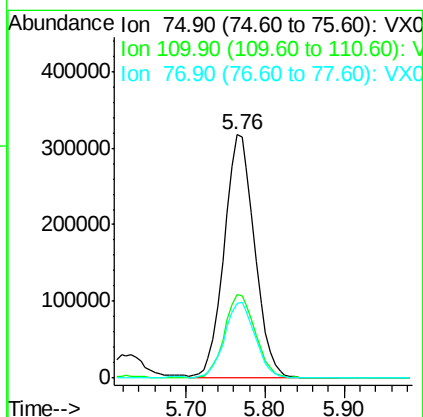
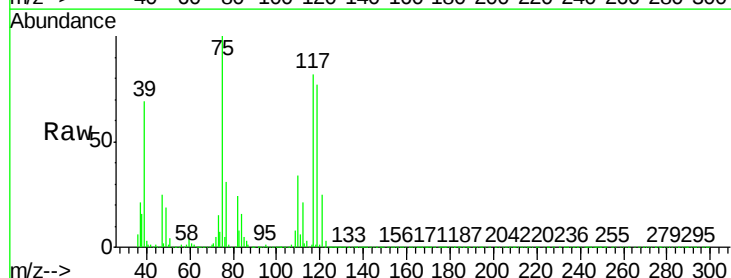
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.5	122.3
192	21.8	17.8	26.6



#36
 1,1-Dichloropropene
 Concen: 55.111 ug/l
 RT: 5.76 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: VX015443.D
 Acq: 31 Mar 2020 10:33

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.6	17.1	51.3
77	31.2	24.6	36.8

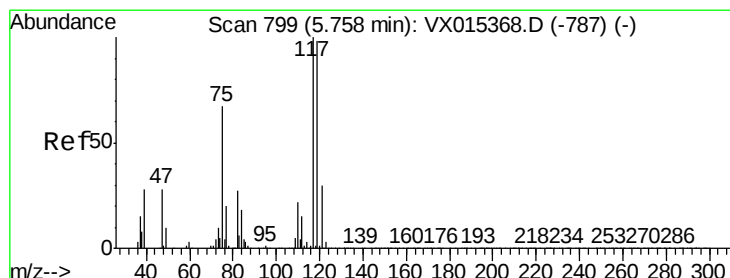
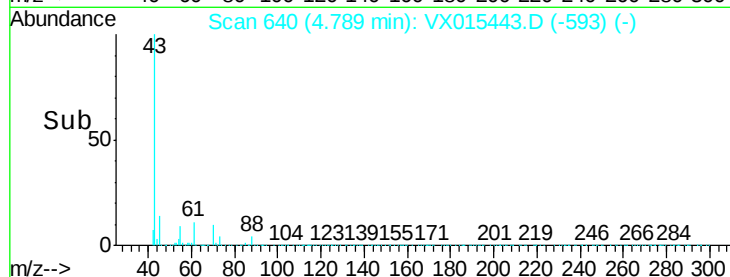
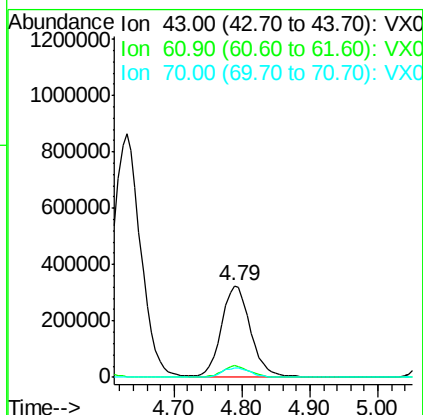
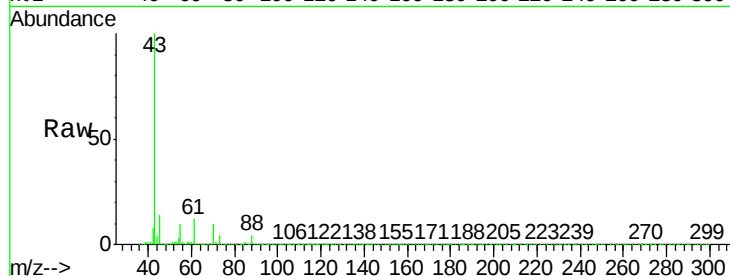




#37
Ethyl Acetate
Concen: 47.257 ug/l
RT: 4.79 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX015443.D
Acq: 31 Mar 2020 10:33

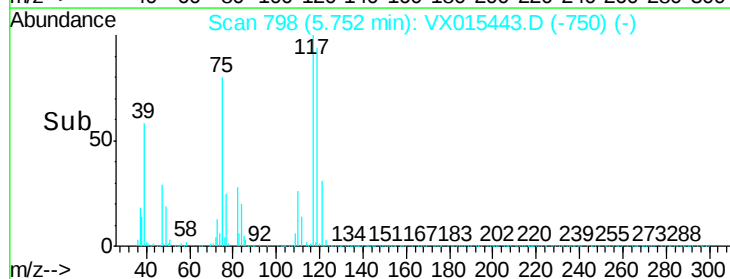
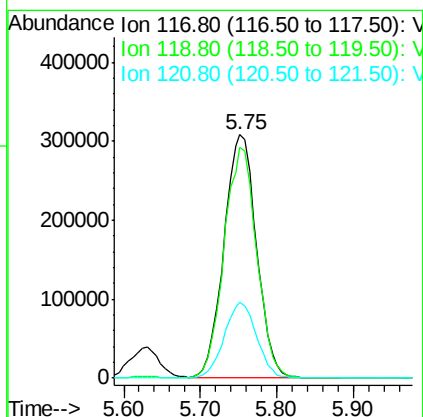
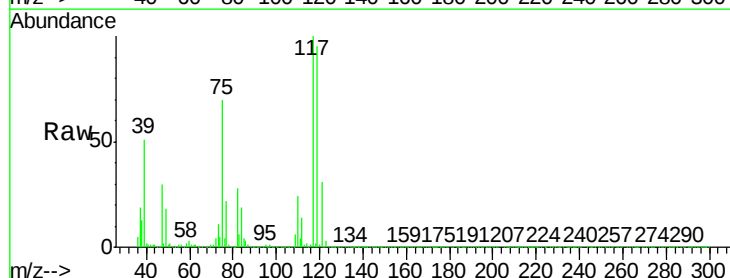
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

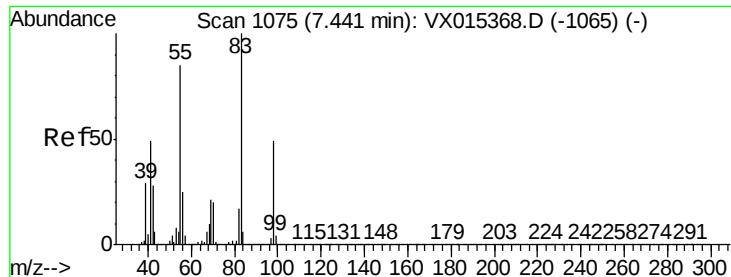
Tot Ion:	43	Resp:	949442
Ion	Ratio	Lower	Upper
43	100		
61	11.9	9.9	14.9
70	10.2	8.1	12.1



#38
Carbon Tetrachloride
Concen: 54.162 ug/l
RT: 5.75 min Scan# 798
Delta R.T. -0.01 min
Lab File: VX015443.D
Acq: 31 Mar 2020 10:33

Tgt Ion:	117	Resp:	905190
Ion	Ratio	Lower	Upper
117	100		
119	94.6	78.0	117.0
121	30.9	23.8	35.8



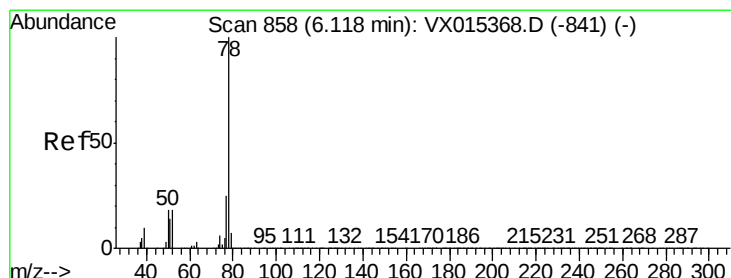
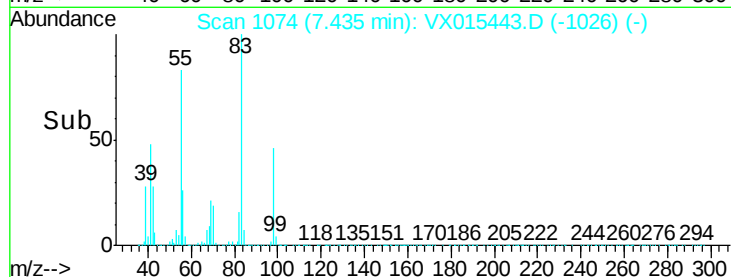
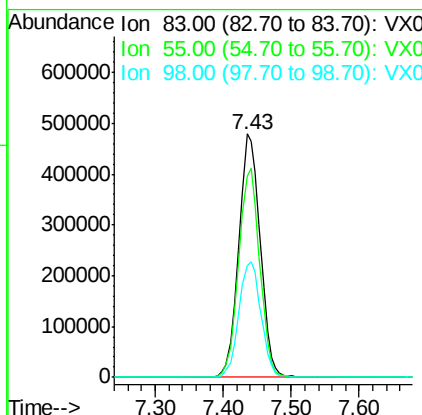
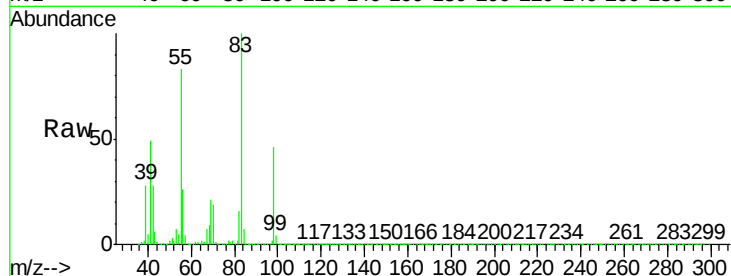


#39
Methvlcvclohexane
Concen: 58.862 ug/l
RT: 7.43 min Scan# 1074
Delta R.T. -0.01 min
Lab File: VX015443.D
Acq: 31 Mar 2020 10:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 1047207

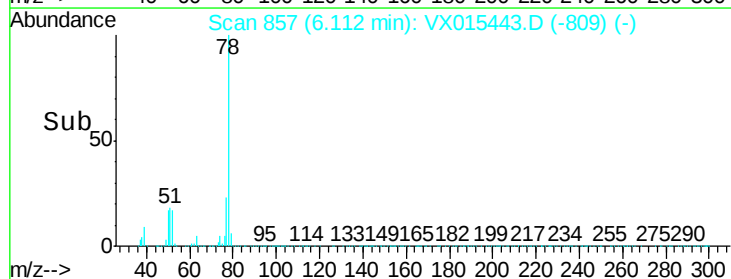
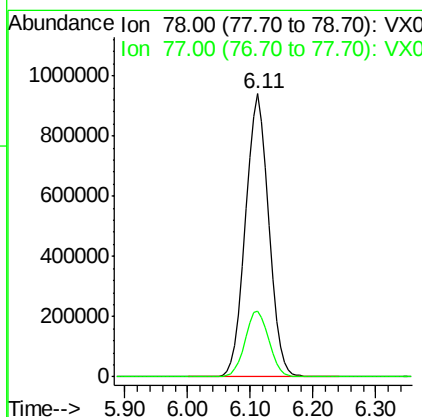
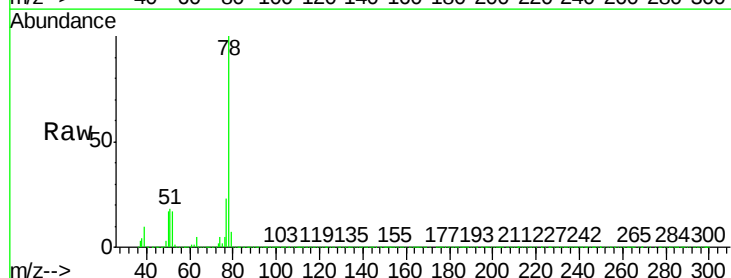
Ion	Ratio	Lower	Upper
83	100		
55	82.4	67.8	101.6
98	46.0	39.3	58.9

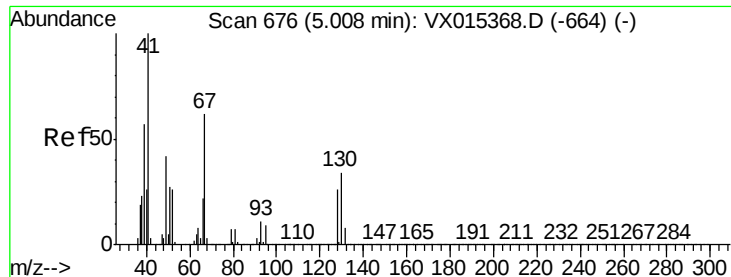


#40
Benzene
Concen: 53.396 ug/l
RT: 6.11 min Scan# 857
Delta R.T. -0.01 min
Lab File: VX015443.D
Acq: 31 Mar 2020 10:33

Tgt Ion: 78 Resp: 2413458

Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.8	29.8

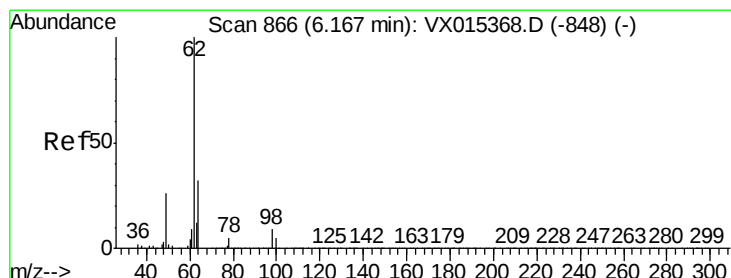
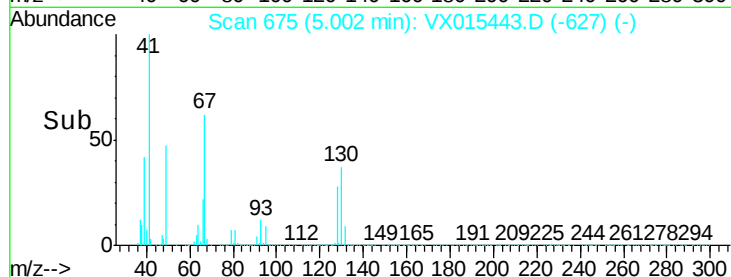
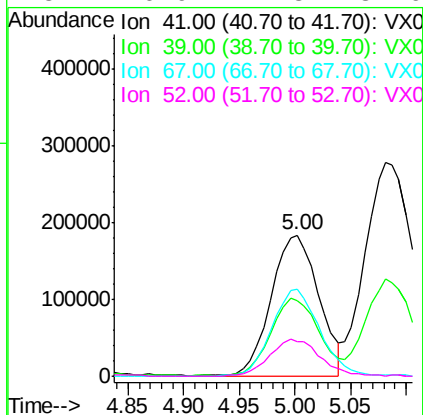
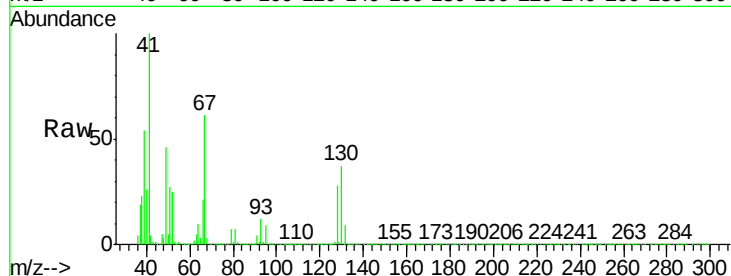




#41
Methacrylonitrile
Concen: 48.943 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015443.D
Acq: 31 Mar 2020 10:33

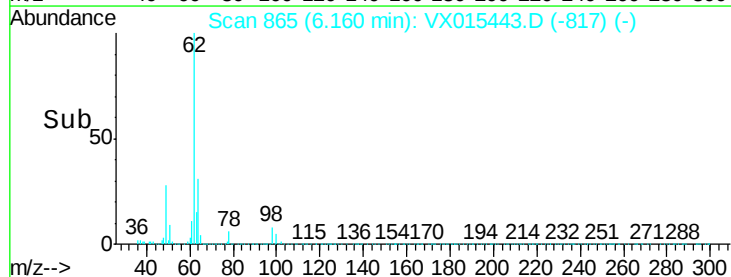
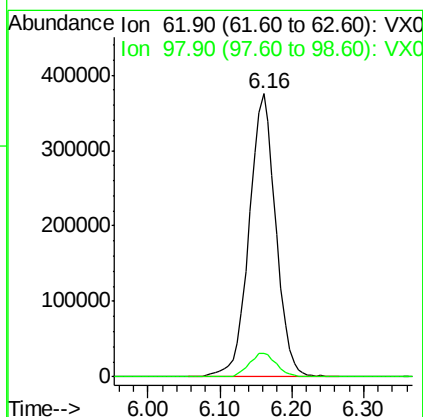
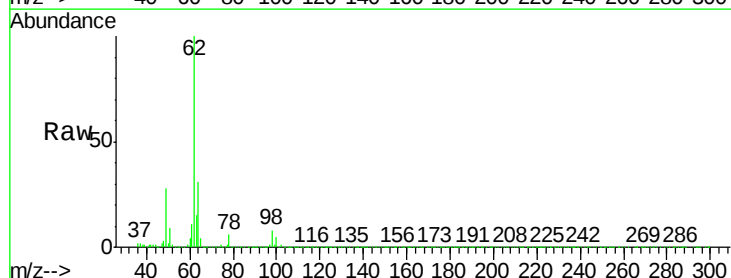
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

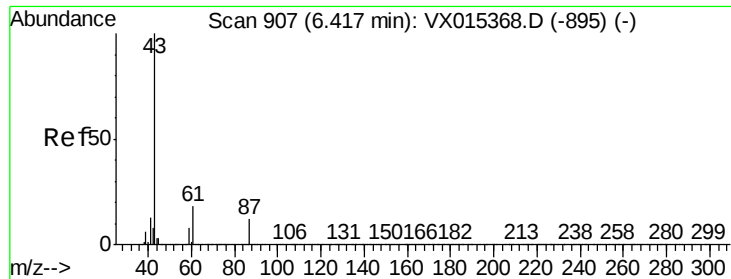
Tot Ion:	41	Resp:	545863
Ion	Ratio	Lower	Upper
41	100		
39	56.8	44.5	66.7
67	62.4	48.9	73.3
52	26.9	21.8	32.6



#42
1,2-Dichloroethane
Concen: 52.937 ug/l
RT: 6.16 min Scan# 865
Delta R.T. -0.01 min
Lab File: VX015443.D
Acq: 31 Mar 2020 10:33

Tgt Ion:	62	Resp:	961100
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.6



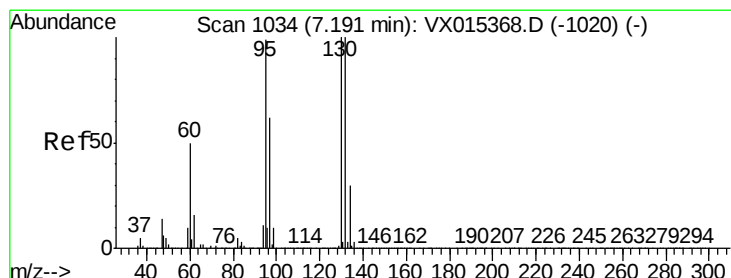
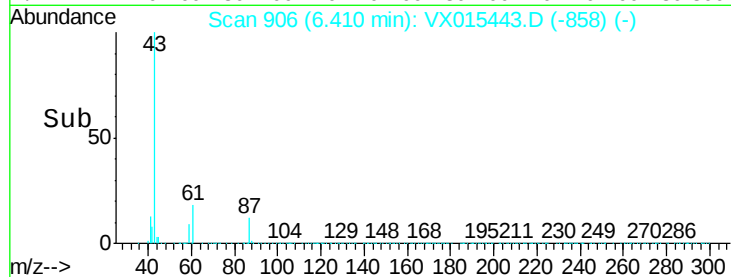
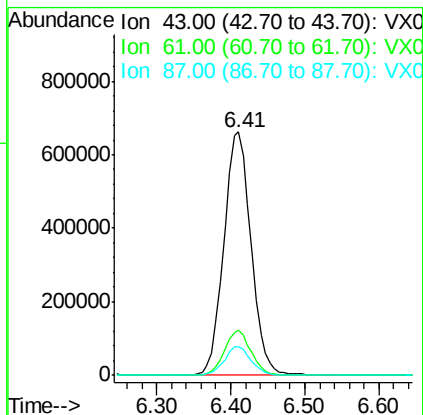
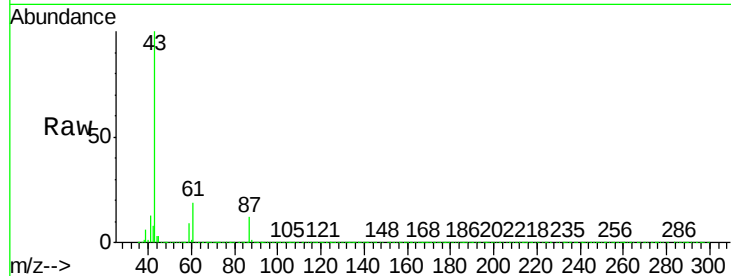


#43

Isopropyl Acetate
 Concen: 49.442 ug/l
 RT: 6.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: VX015443.D
 Acq: 31 Mar 2020 10:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

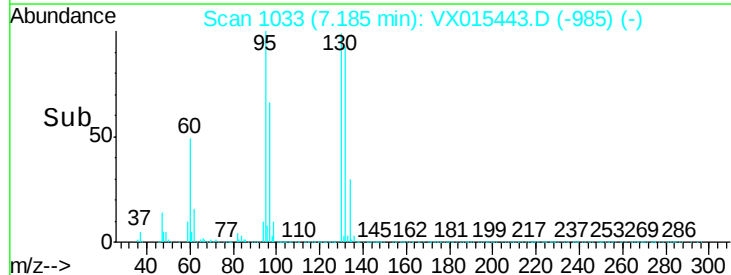
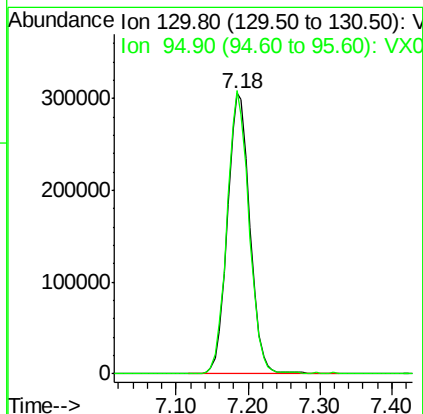
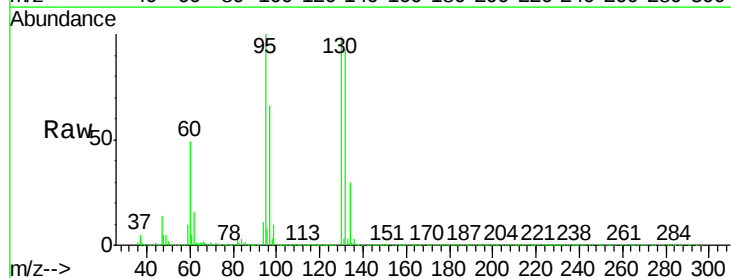
Tot Ion: 43 Resp: 1676871
 Ion Ratio Lower Upper
 43 100
 61 18.2 14.8 22.2
 87 11.6 9.4 14.0

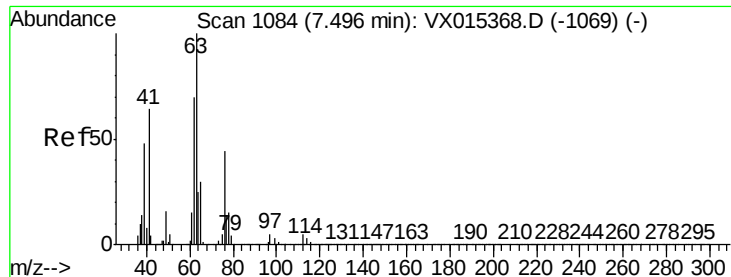


#44

Trichloroethene
 Concen: 53.615 ug/l
 RT: 7.18 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: VX015443.D
 Acq: 31 Mar 2020 10:33

Tgt Ion: 130 Resp: 660906
 Ion Ratio Lower Upper
 130 100
 95 100.8 0.0 199.0

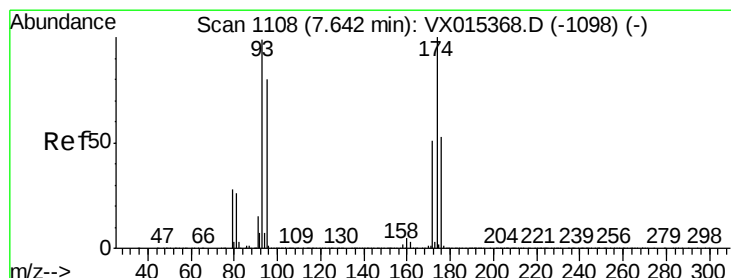
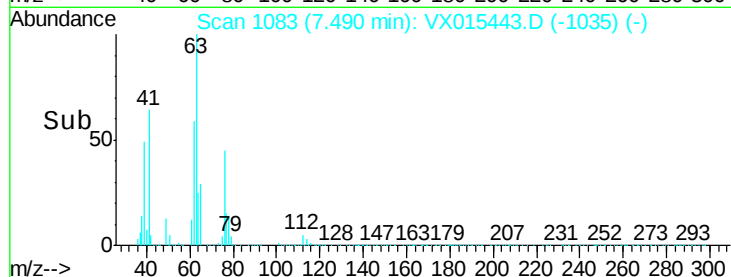
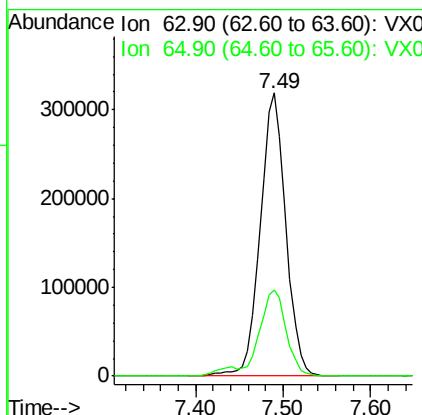
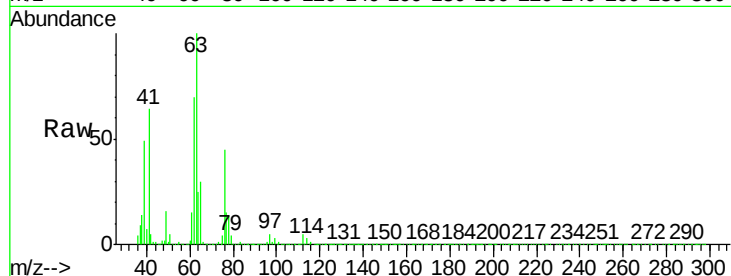




#45
 1,2-Dichloropropane
 Concen: 52.331 ug/l
 RT: 7.49 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: VX015443.D
 Acq: 31 Mar 2020 10:33

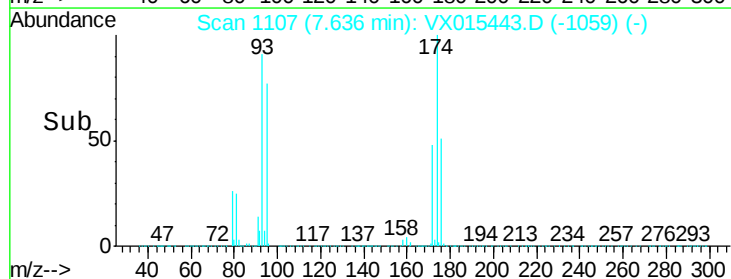
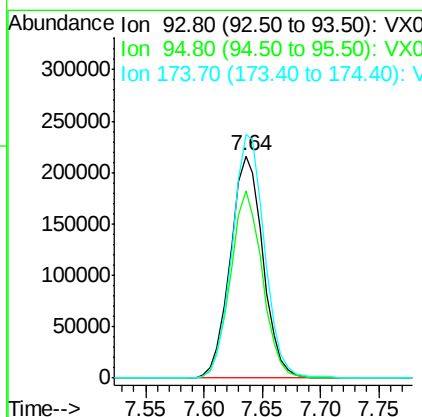
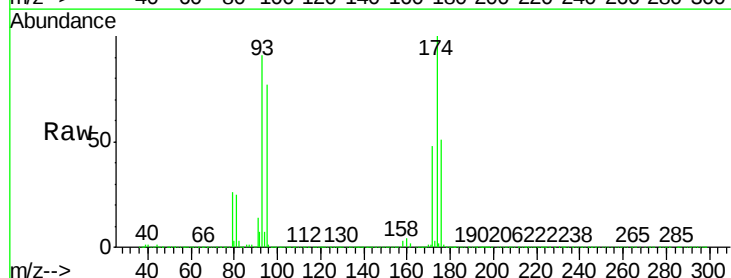
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

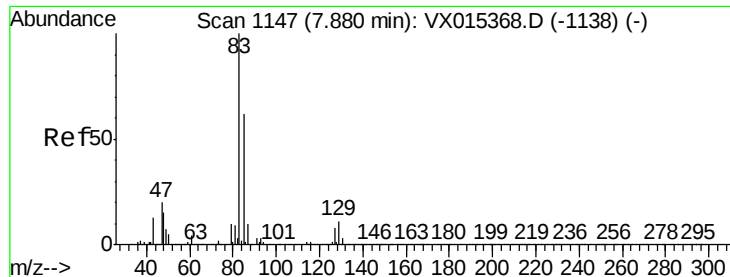
Tot Ion: 63 Resp: 647060
 Ion Ratio Lower Upper
 63 100
 65 30.1 23.9 35.9



#46
 Dibromomethane
 Concen: 51.744 ug/l
 RT: 7.64 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: VX015443.D
 Acq: 31 Mar 2020 10:33

Tgt Ion: 93 Resp: 419693
 Ion Ratio Lower Upper
 93 100
 95 83.3 65.8 98.8
 174 109.5 86.2 129.2





#47

Bromodichloromethane

Concen: 52.855 ug/l

RT: 7.87 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VX015443.D

Acq: 31 Mar 2020 10:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

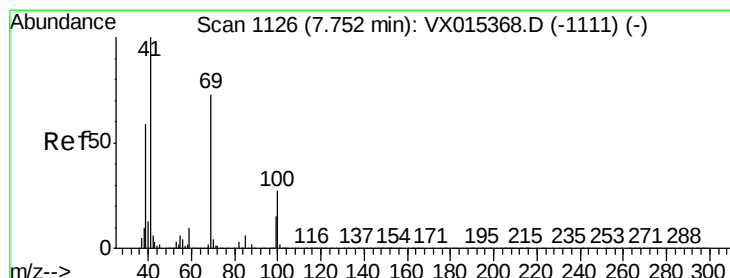
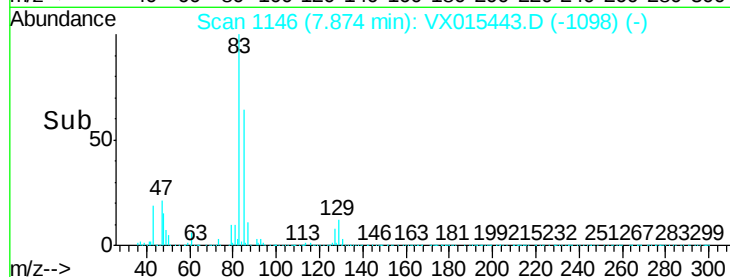
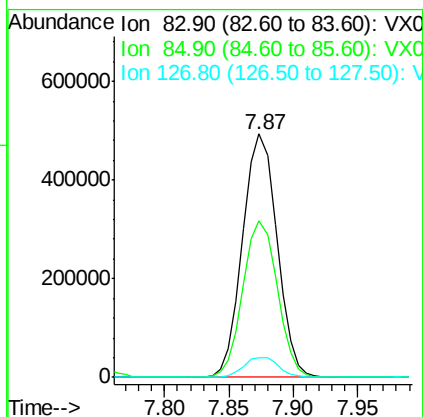
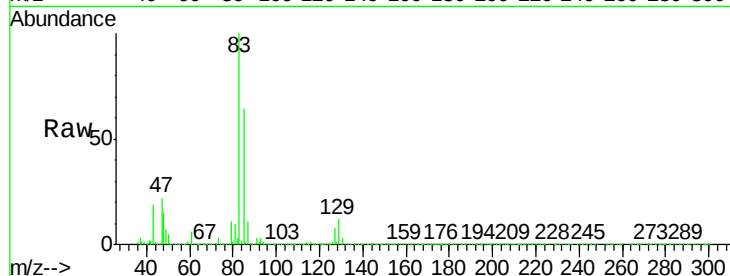
Tot Ion: 83 Resp: 913488

Ion Ratio Lower Upper

83 100

85 64.1 49.7 74.5

127 8.3 6.7 10.1



#48

Methyl methacrylate

Concen: 49.426 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. -0.01 min

Lab File: VX015443.D

Acq: 31 Mar 2020 10:33

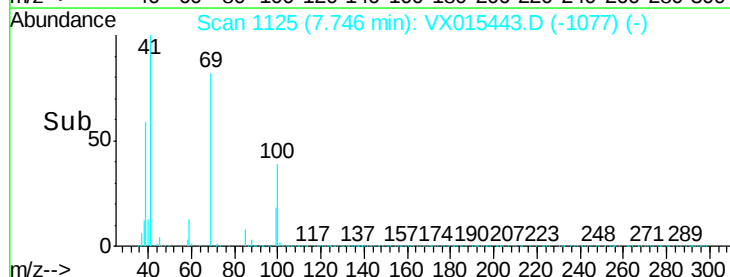
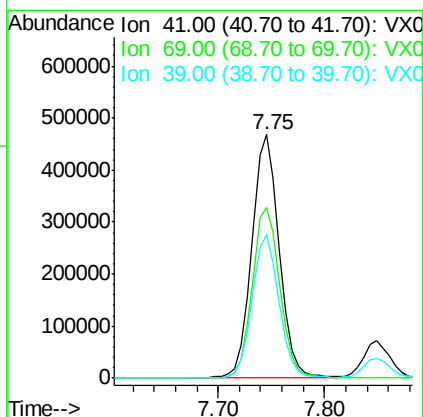
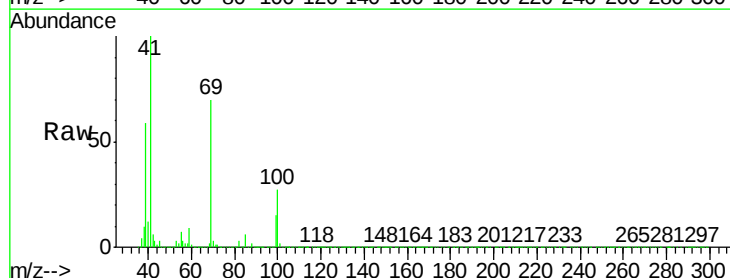
Tgt Ion: 41 Resp: 837306

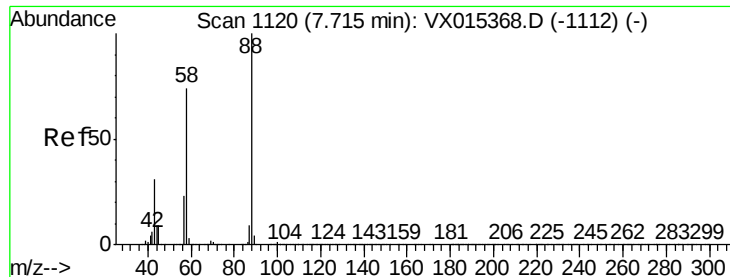
Ion Ratio Lower Upper

41 100

69 71.0 56.7 85.1

39 58.0 46.5 69.7





#49

1,4-Dioxane

Concen: 981.317 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. -0.00 min

Lab File: VX015443.D

Acq: 31 Mar 2020 10:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

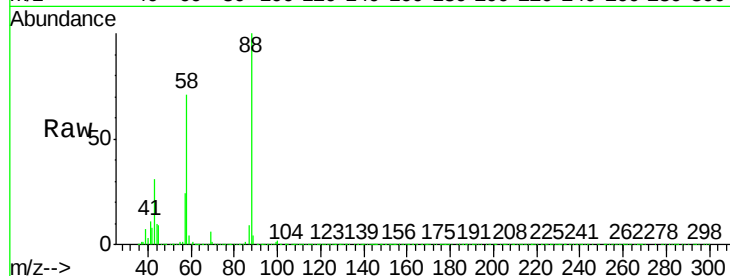
Tot Ion: 88 Resp: 310123

Ion Ratio Lower Upper

88 100

43 37.9 30.1 45.1

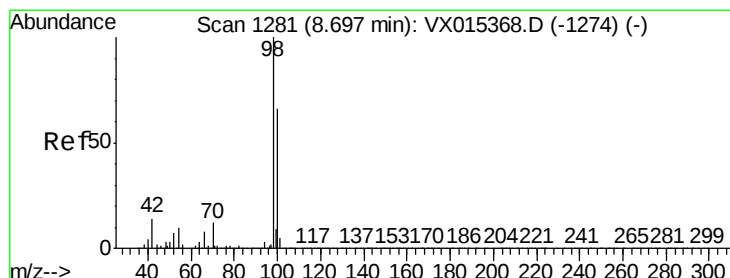
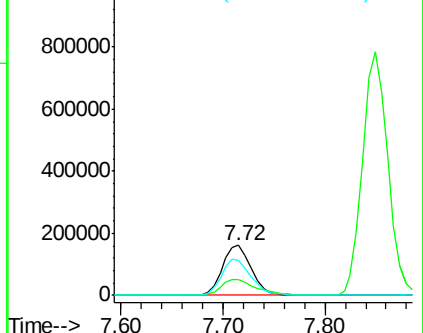
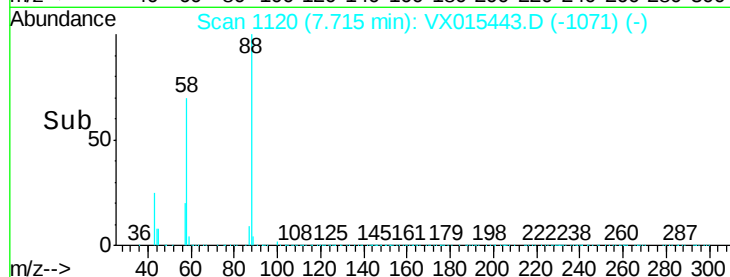
58 74.8 60.6 90.8



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: 50.120 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015443.D

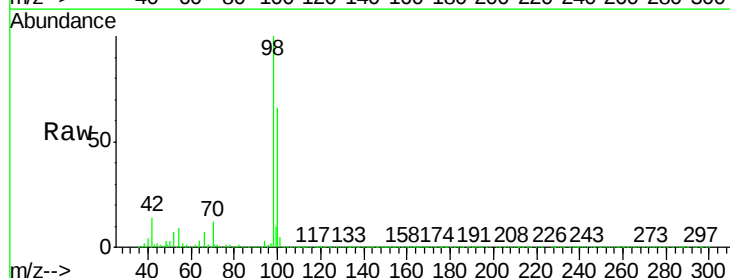
Acq: 31 Mar 2020 10:33

Tgt Ion: 98 Resp: 1975343

Ion Ratio Lower Upper

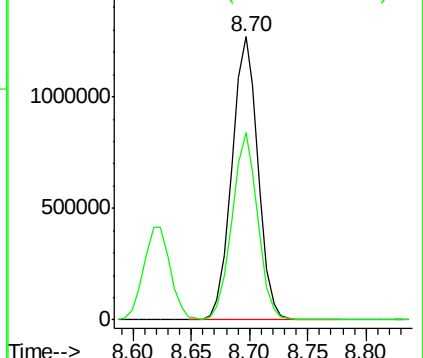
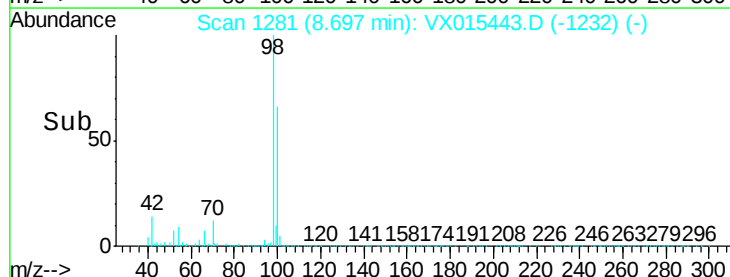
98 100

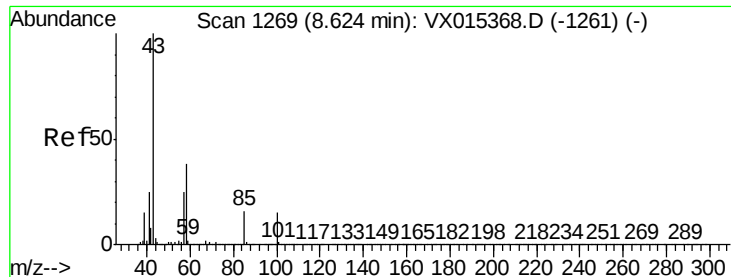
100 65.2 53.5 80.3



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: 239.320 ug/l

RT: 8.62 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX015443.D

Acq: 31 Mar 2020 10:33

Instrument :

MSVOA_X

ClientSampleId :

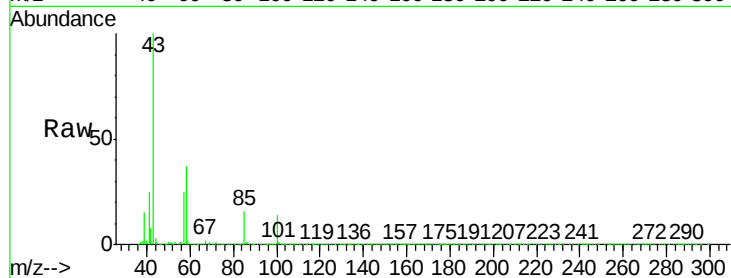
VSTDCCC050

Tot Ion: 43 Resp: 4599949

Ion Ratio Lower Upper

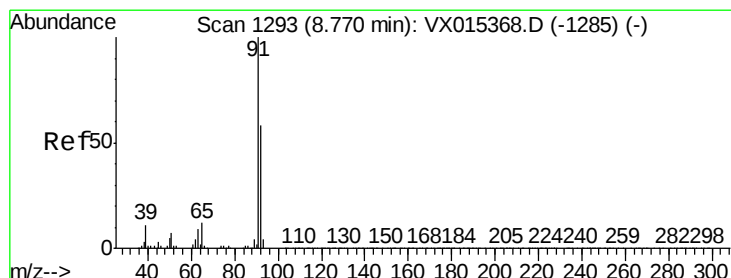
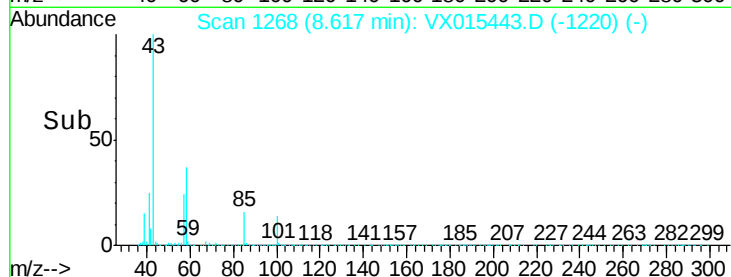
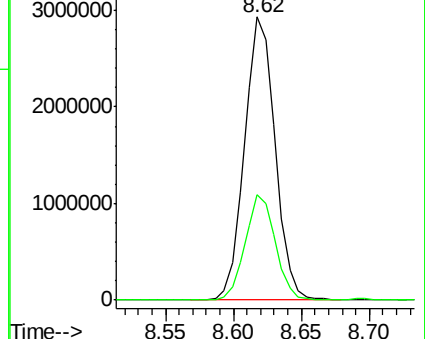
43 100

58 36.8 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 54.463 ug/l

RT: 8.76 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VX015443.D

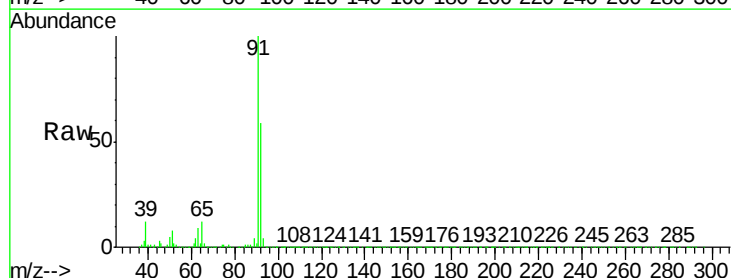
Acq: 31 Mar 2020 10:33

Tgt Ion: 92 Resp: 1517688

Ion Ratio Lower Upper

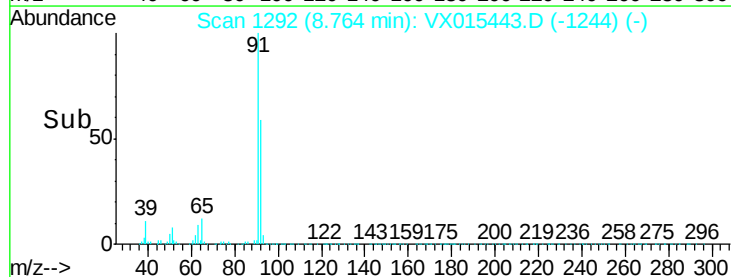
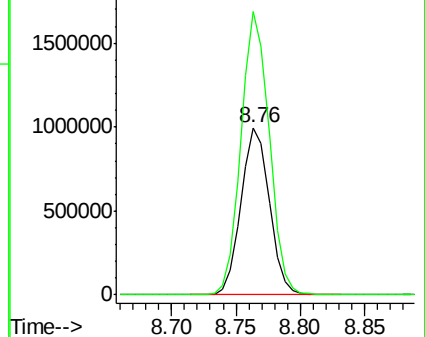
92 100

91 168.2 136.6 205.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 51.809 ug/l

RT: 9.02 min Scan# 1334

Delta R.T. -0.01 min

Lab File: VX015443.D

Acq: 31 Mar 2020 10:33

Instrument :

MSVOA_X

ClientSampleId :

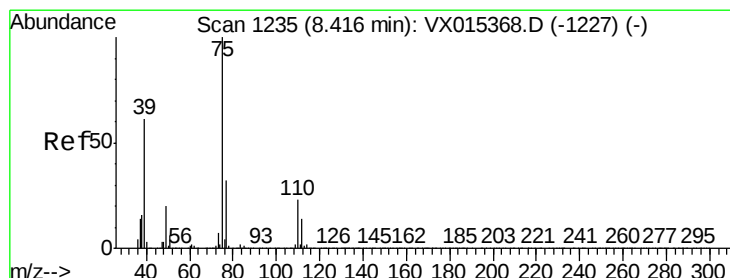
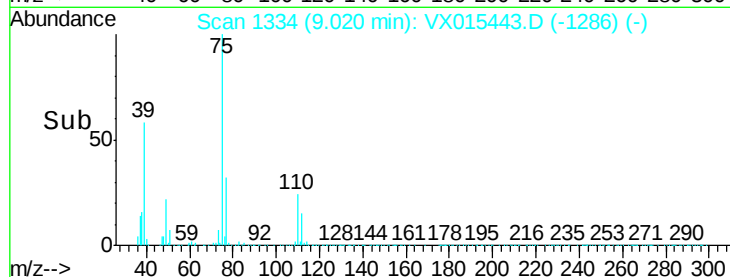
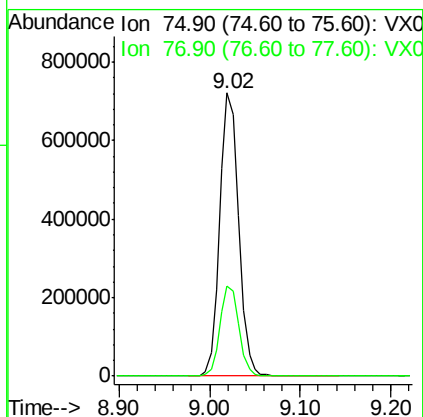
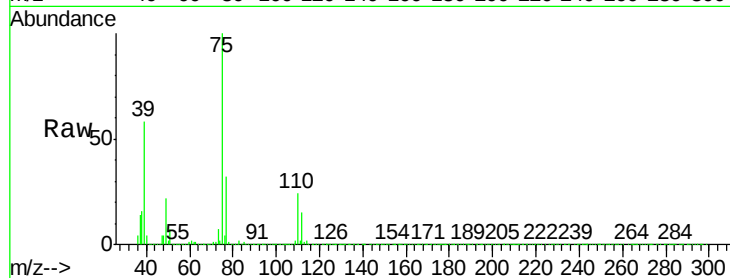
VSTDCCC050

Tot Ion: 75 Resp: 1050143

Ion Ratio Lower Upper

75 100

77 31.9 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 53.402 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VX015443.D

Acq: 31 Mar 2020 10:33

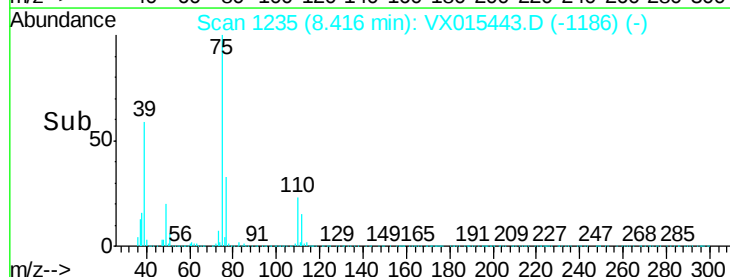
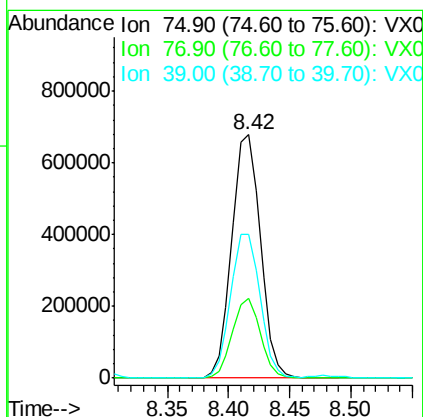
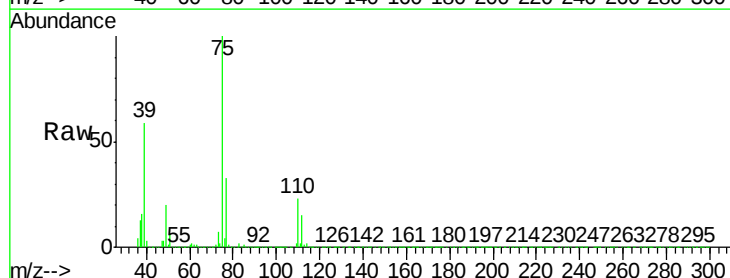
Tgt Ion: 75 Resp: 1102634

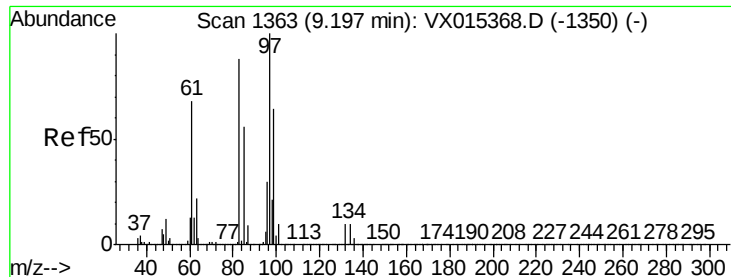
Ion Ratio Lower Upper

75 100

77 32.6 25.8 38.6

39 59.0 49.0 73.4





#55

1,1,2-Trichloroethane

Concen: 52.268 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VX015443.D

Acq: 31 Mar 2020 10:33

Instrument :

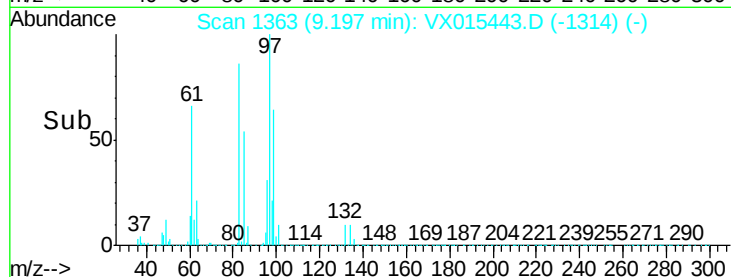
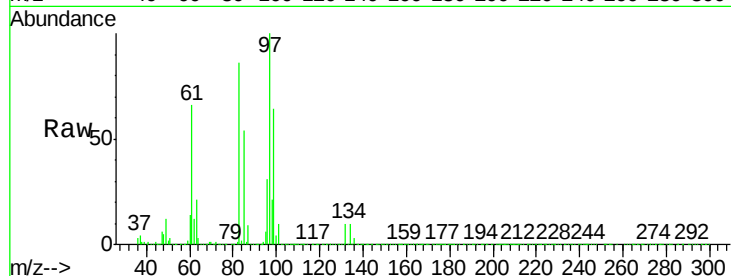
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 596749

Ion	Ratio	Lower	Upper
97	100		
83	85.7	70.2	105.4
85	54.4	44.7	67.1
99	64.0	51.1	76.7

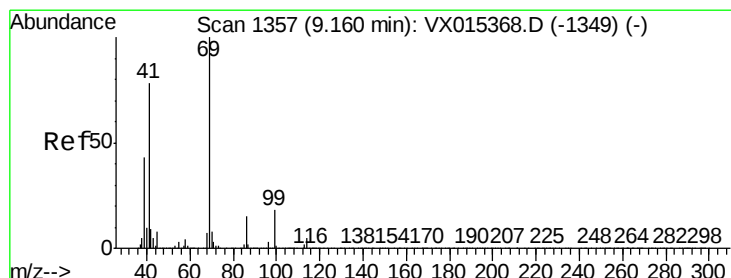


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 50.821 ug/l

RT: 9.16 min Scan# 1357

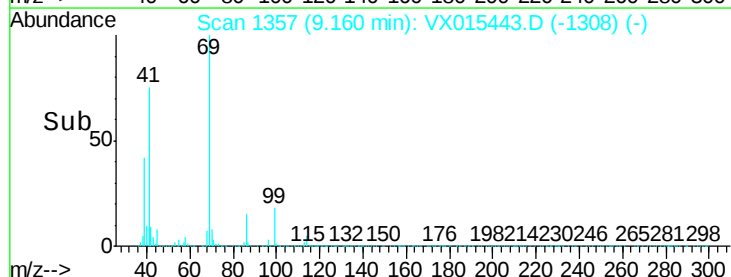
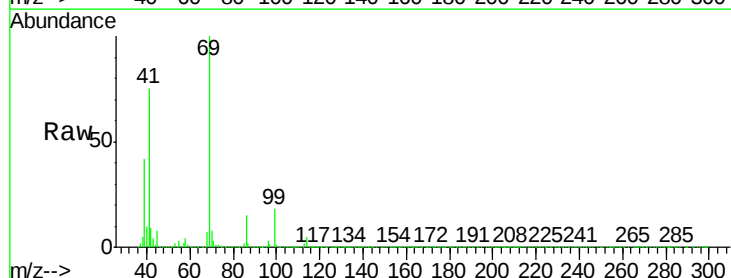
Delta R.T. -0.00 min

Lab File: VX015443.D

Acq: 31 Mar 2020 10:33

Tgt Ion: 69 Resp: 1022560

Ion	Ratio	Lower	Upper
69	100		
41	76.4	61.6	92.4
39	42.8	34.0	51.0



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#57

1,3-Dichloropropane

Concen: 51.243 ug/l

RT: 9.35 min Scan# 1388

Delta R.T. -0.01 min

Lab File: VX015443.D

Acq: 31 Mar 2020 10:33

Instrument :

MSVOA_X

ClientSampleId :

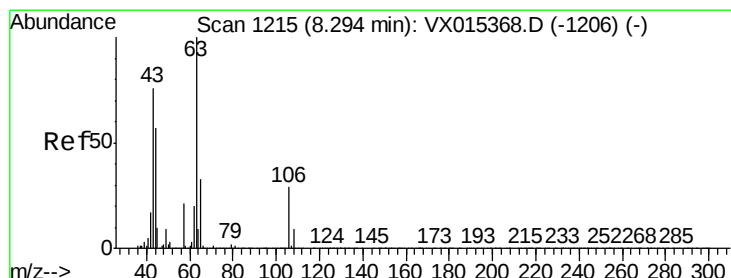
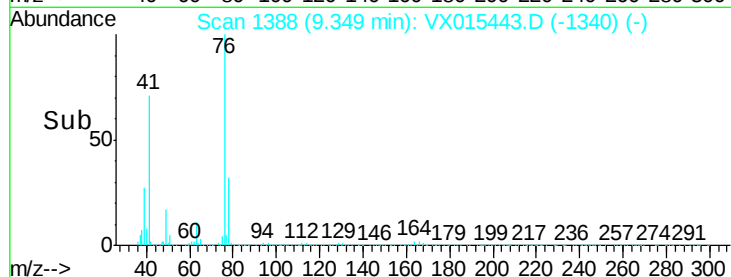
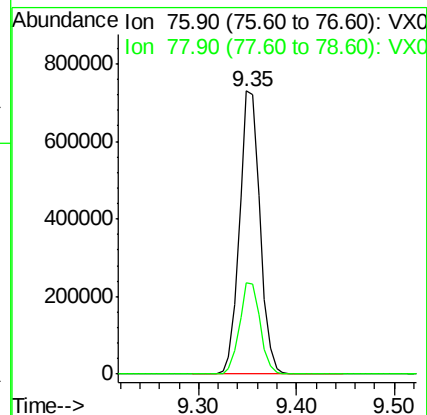
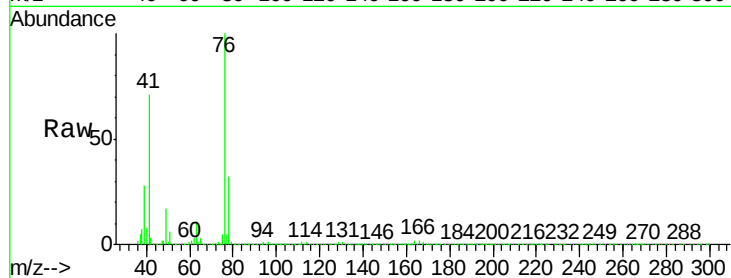
VSTDCCC050

Tot Ion: 76 Resp: 1054060

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 268.358 ug/l

RT: 8.29 min Scan# 1214

Delta R.T. -0.01 min

Lab File: VX015443.D

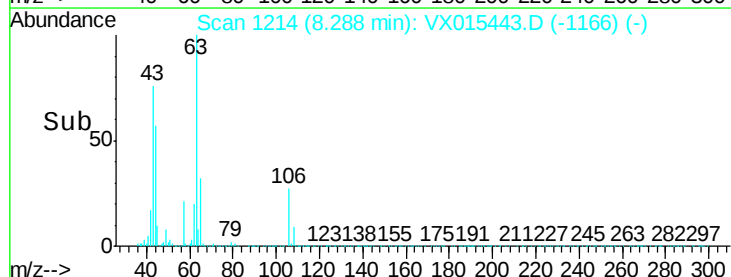
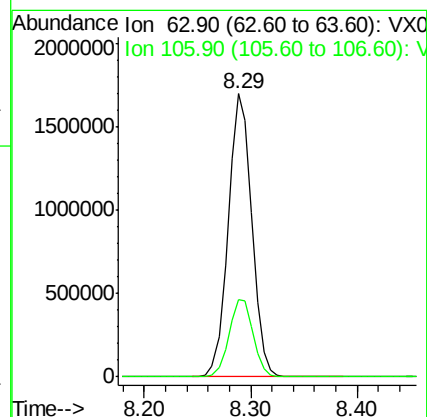
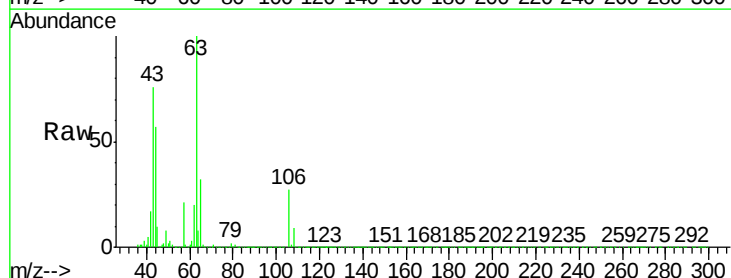
Acq: 31 Mar 2020 10:33

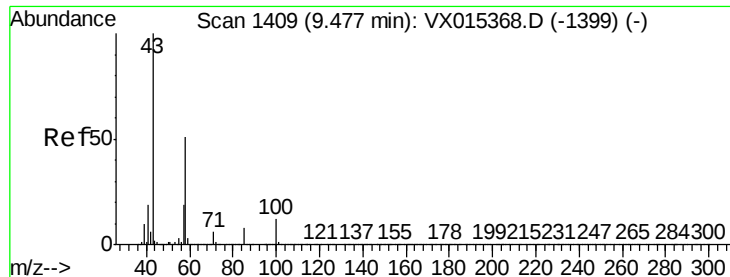
Tgt Ion: 63 Resp: 2626410

Ion Ratio Lower Upper

63 100

106 28.0 22.7 34.1

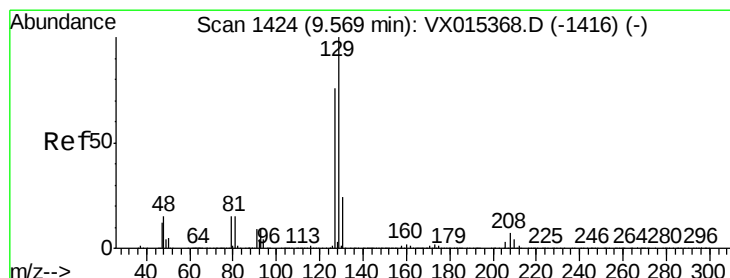
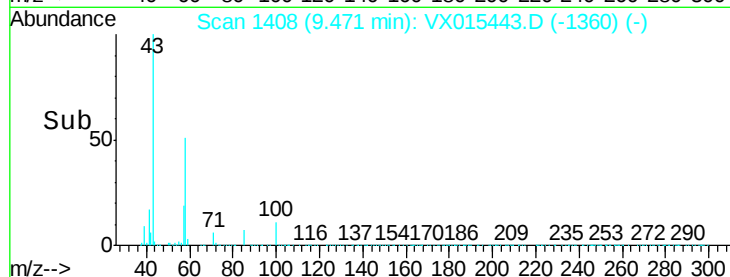
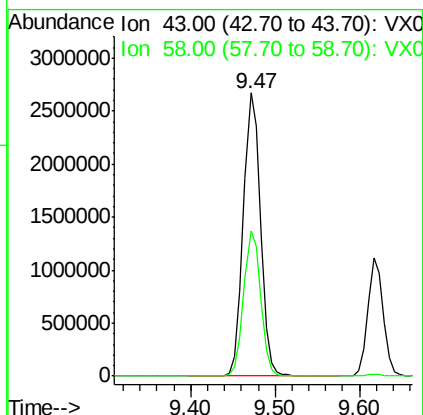
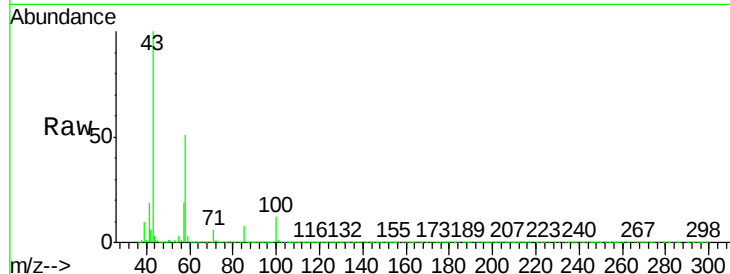




#59
2-Hexanone
Concen: 249.129 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015443.D
Acq: 31 Mar 2020 10:33

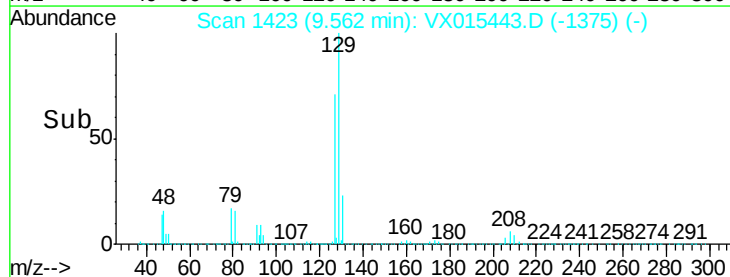
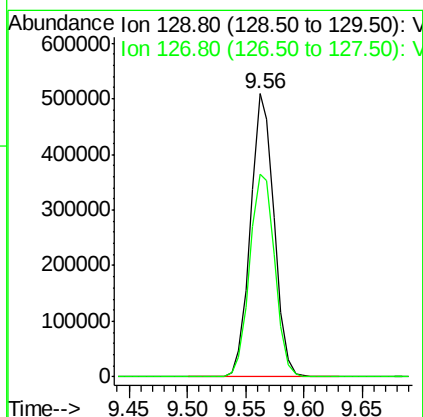
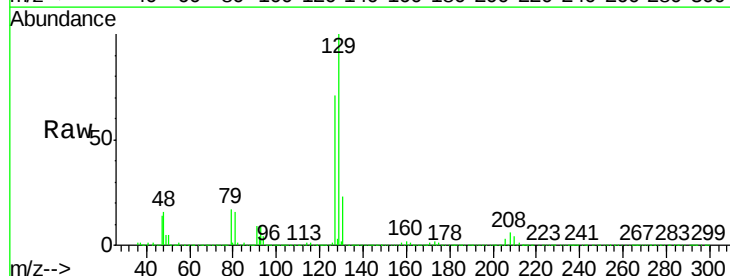
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 3615195
Ion Ratio Lower Upper
43 100
58 50.9 25.6 76.6



#60
Dibromochloromethane
Concen: 52.426 ug/l
RT: 9.56 min Scan# 1423
Delta R.T. -0.01 min
Lab File: VX015443.D
Acq: 31 Mar 2020 10:33

Tgt Ion: 129 Resp: 719229
Ion Ratio Lower Upper
129 100
127 75.9 38.2 114.6

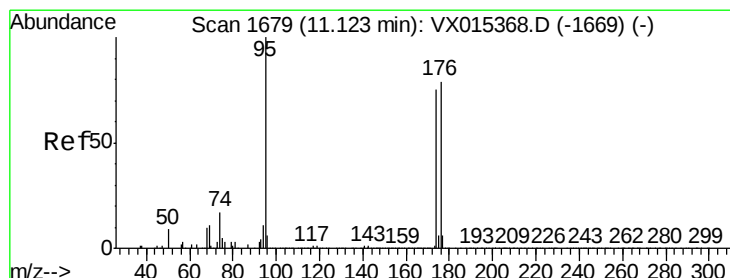
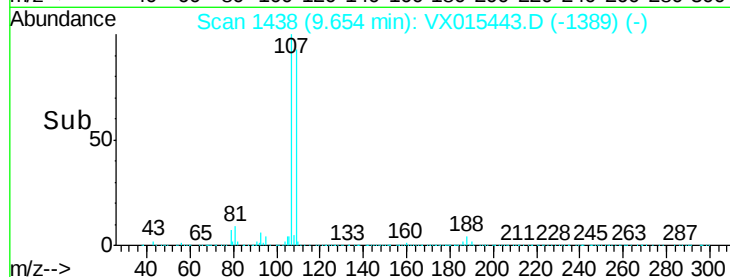
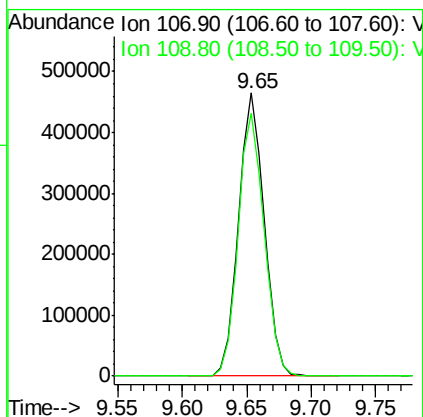
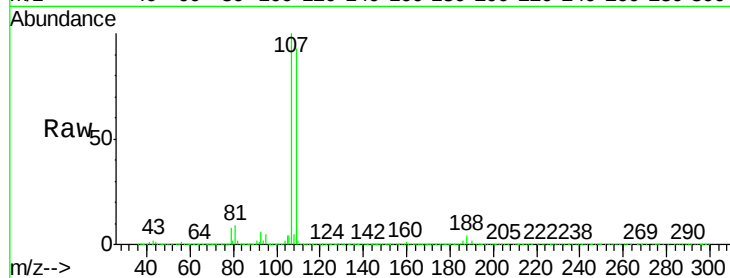




#61
 1,2-Dibromoethane
 Concen: 51.592 ug/l
 RT: 9.65 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: VX015443.D
 Acq: 31 Mar 2020 10:33

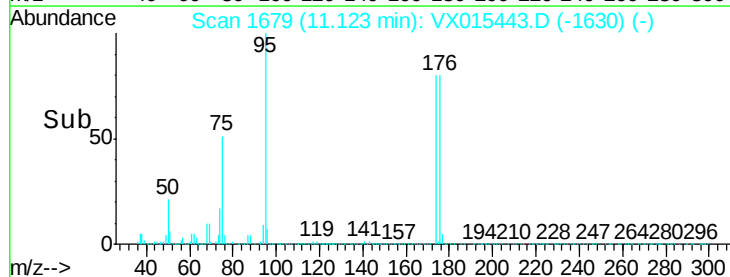
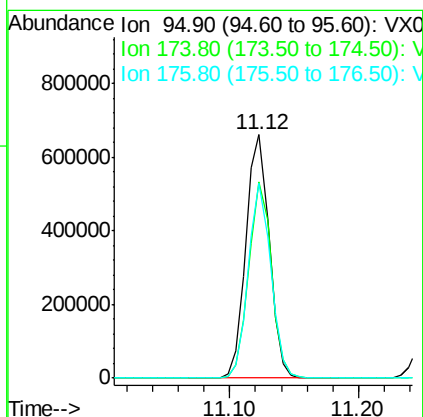
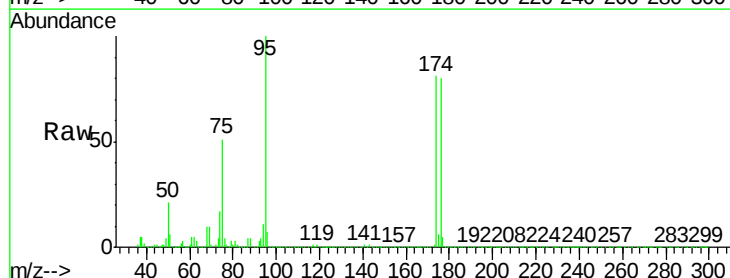
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 107 Resp: 640479
 Ion Ratio Lower Upper
 107 100
 109 94.0 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 51.126 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. -0.00 min
 Lab File: VX015443.D
 Acq: 31 Mar 2020 10:33

Tgt Ion: 95 Resp: 818901
 Ion Ratio Lower Upper
 95 100
 174 78.4 0.0 158.6
 176 77.4 0.0 159.0

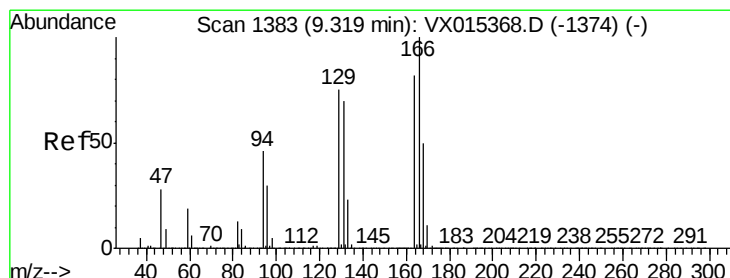
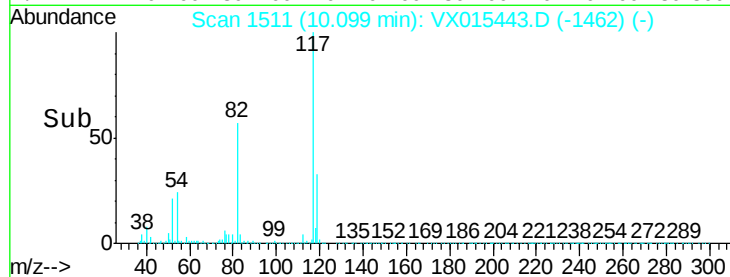
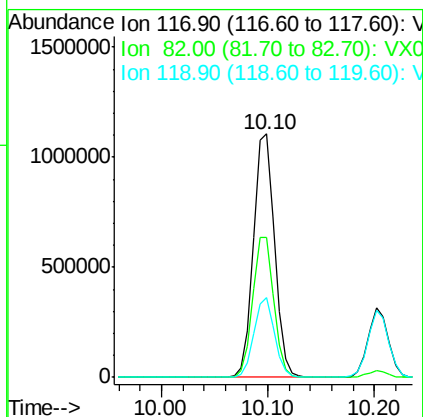
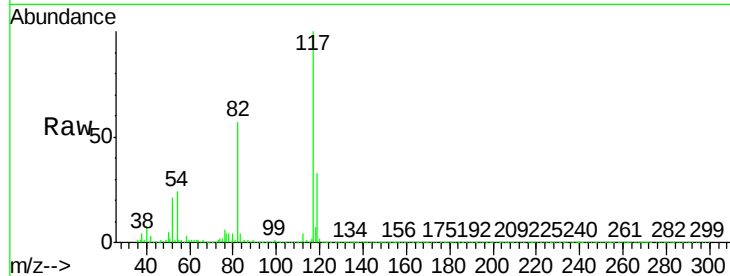




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015443.D
Acq: 31 Mar 2020 10:33

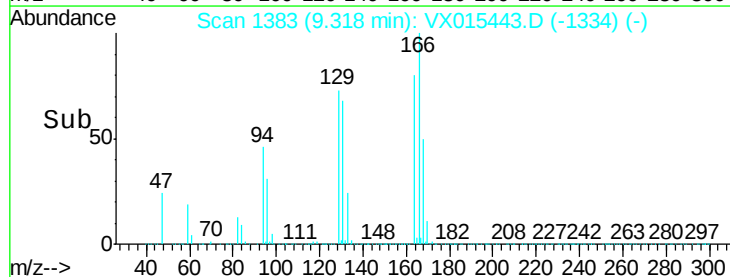
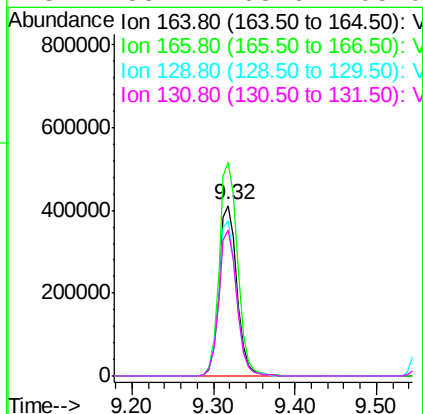
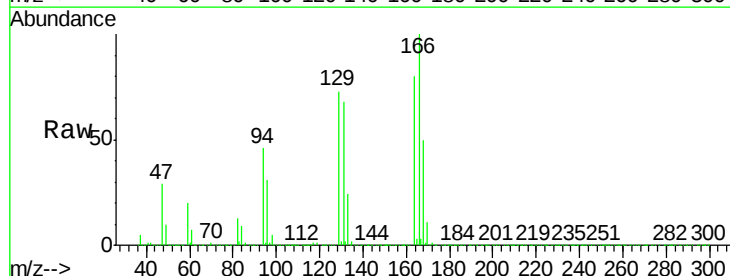
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

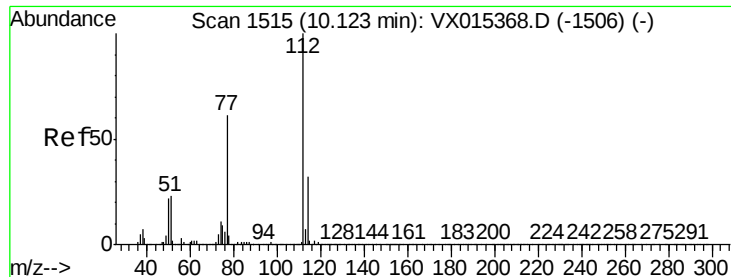
Tot Ion:117 Resp: 1543749
Ion Ratio Lower Upper
117 100
82 57.2 47.8 71.8
119 32.8 26.8 40.2



#64
Tetrachloroethene
Concen: 53.931 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX015443.D
Acq: 31 Mar 2020 10:33

Tgt Ion:164 Resp: 628310
Ion Ratio Lower Upper
164 100
166 125.3 97.8 146.6
129 91.0 73.0 109.4
131 85.4 68.6 103.0





#65

Chlorobenzene

Concen: 52.894 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. -0.00 min

Lab File: VX015443.D

Acq: 31 Mar 2020 10:33

Instrument :

MSVOA_X

ClientSampleId :

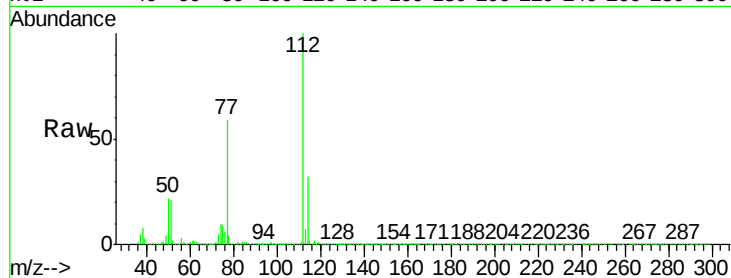
VSTDCCC050

Tot Ion:112 Resp: 1628451

Ion Ratio Lower Upper

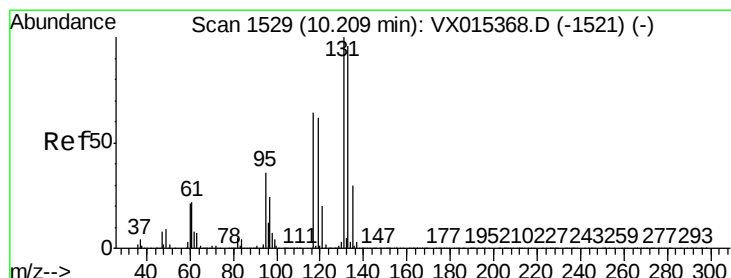
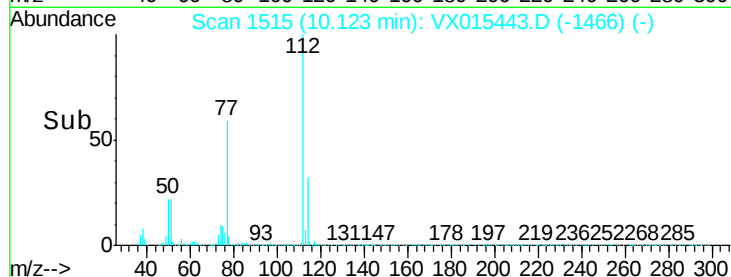
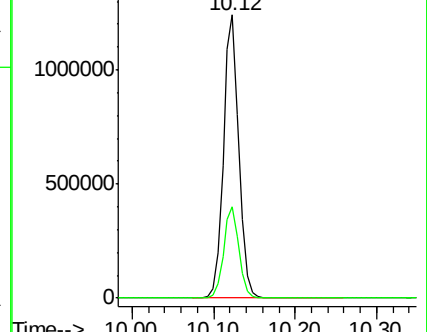
112 100

114 32.2 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 51.586 ug/l

RT: 10.20 min Scan# 1528

Delta R.T. -0.01 min

Lab File: VX015443.D

Acq: 31 Mar 2020 10:33

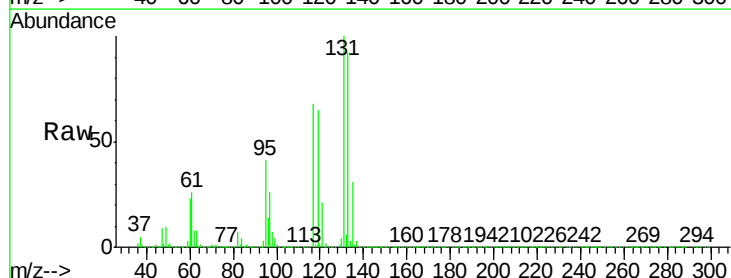
Tgt Ion:131 Resp: 634487

Ion Ratio Lower Upper

131 100

133 95.7 47.6 142.9

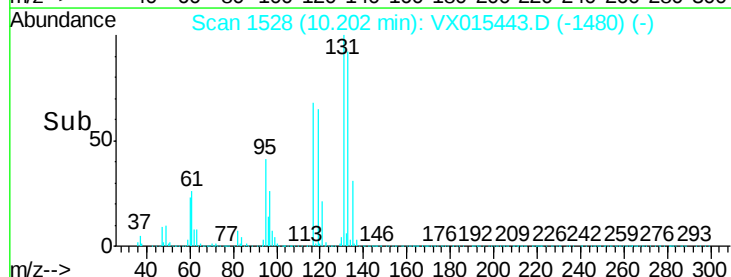
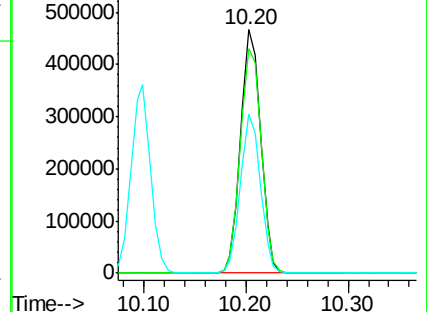
119 64.8 31.1 93.3

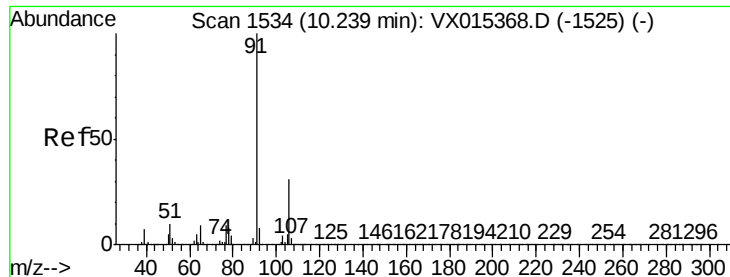


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 54.052 ug/l

RT: 10.23 min Scan# 1533

Delta R.T. -0.01 min

Lab File: VX015443.D

Acq: 31 Mar 2020 10:33

Instrument :

MSVOA_X

ClientSampleId :

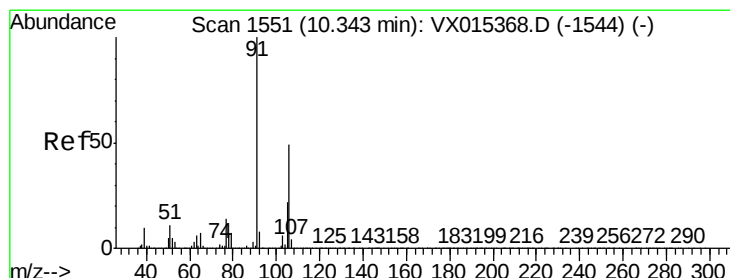
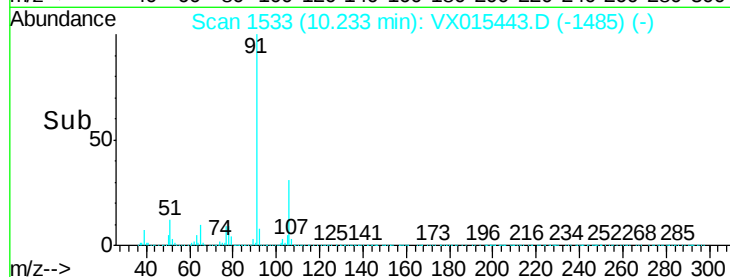
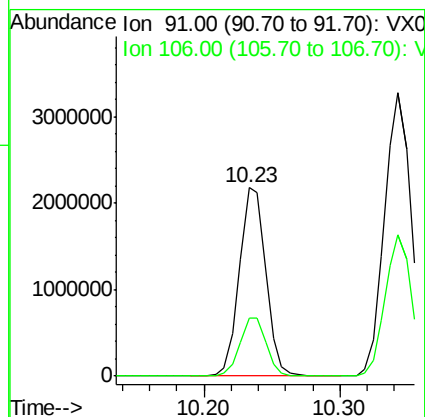
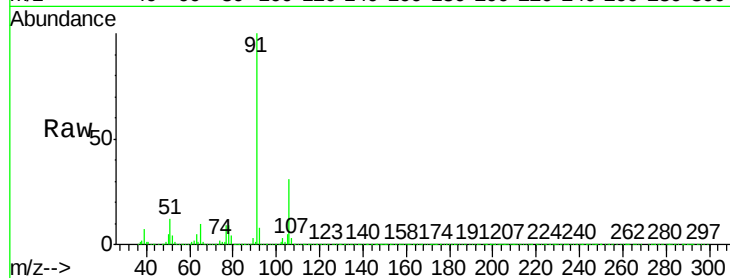
VSTDCCC050

Tot Ion: 91 Resp: 2951424

Ion Ratio Lower Upper

91 100

106 31.0 24.8 37.2



#68

m/p-Xylenes

Concen: 109.799 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. -0.00 min

Lab File: VX015443.D

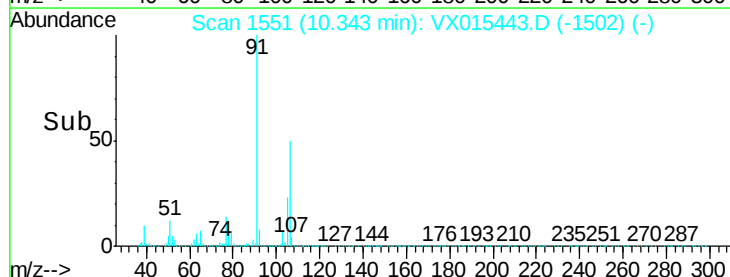
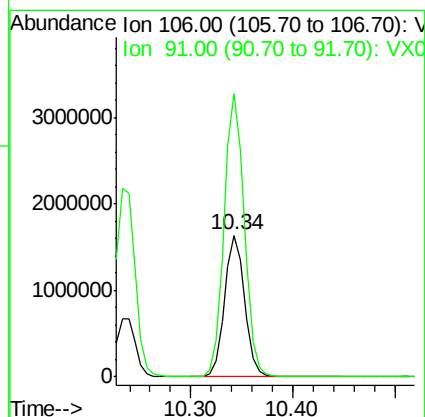
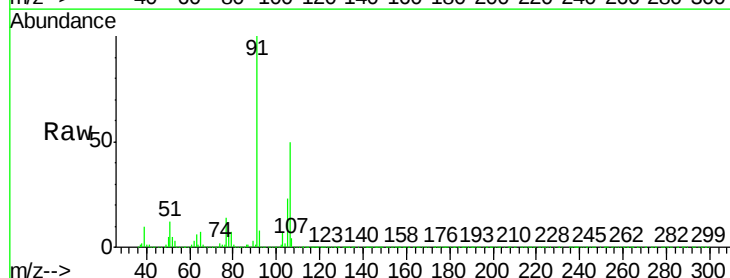
Acq: 31 Mar 2020 10:33

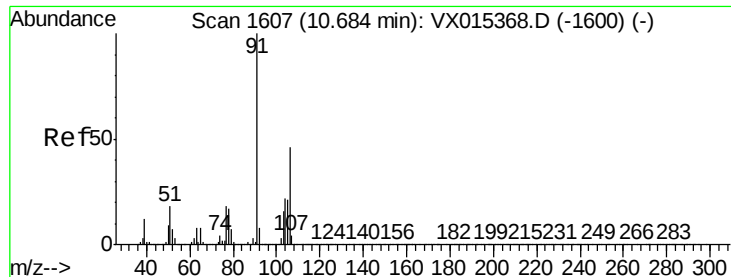
Tgt Ion: 106 Resp: 2232503

Ion Ratio Lower Upper

106 100

91 202.5 163.4 245.0

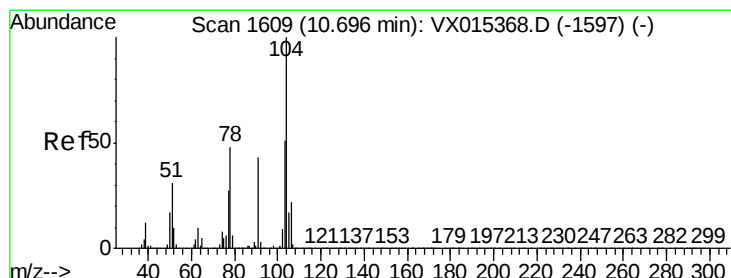
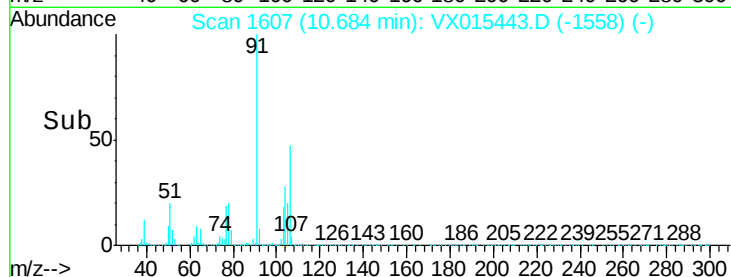
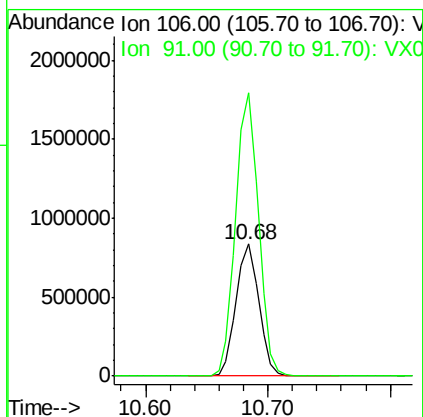
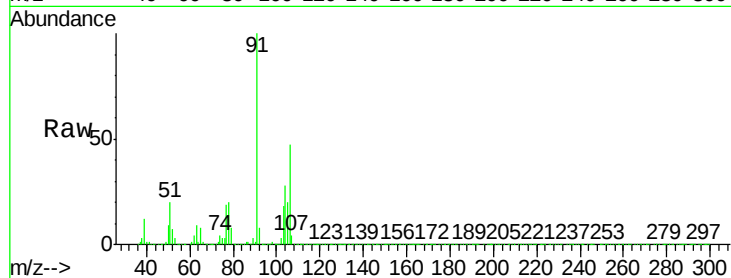




#69
o-Xylene
Concen: 53.607 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015443.D
Acq: 31 Mar 2020 10:33

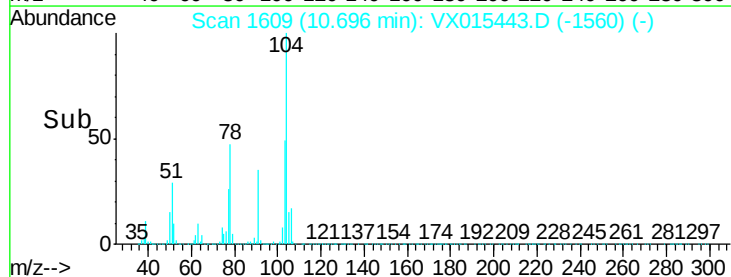
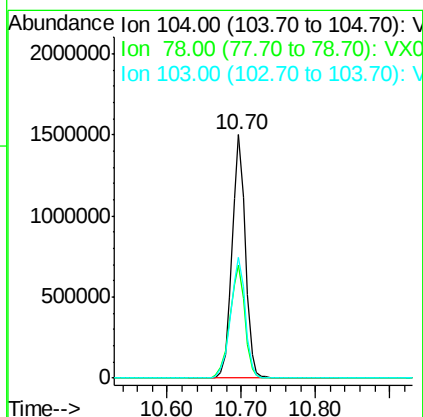
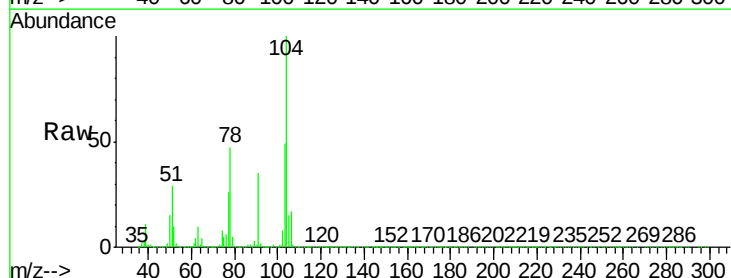
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

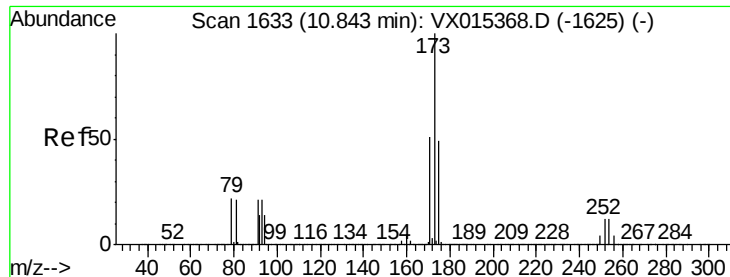
Tot Ion:106 Resp: 1077074
Ion Ratio Lower Upper
106 100
91 215.5 107.1 321.3



#70
Styrene
Concen: 53.262 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015443.D
Acq: 31 Mar 2020 10:33

Tgt Ion:104 Resp: 1883091
Ion Ratio Lower Upper
104 100
78 52.0 42.0 63.0
103 54.6 43.4 65.0





#71

Bromoform

Concen: 49.291 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. -0.00 min

Lab File: VX015443.D

Acq: 31 Mar 2020 10:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

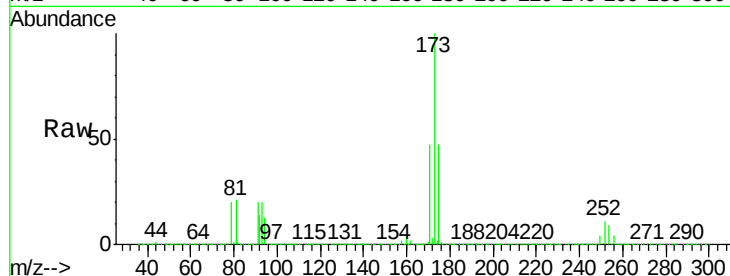
Tot Ion:173 Resp: 551904

Ion Ratio Lower Upper

173 100

175 49.3 23.9 71.7

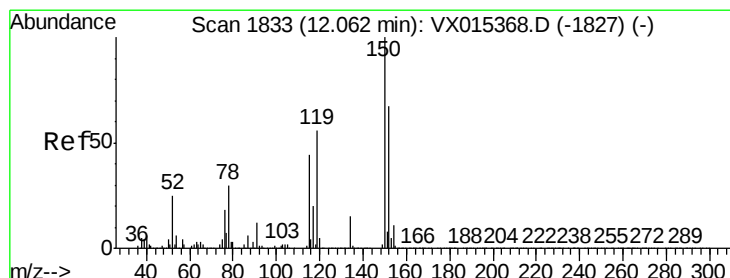
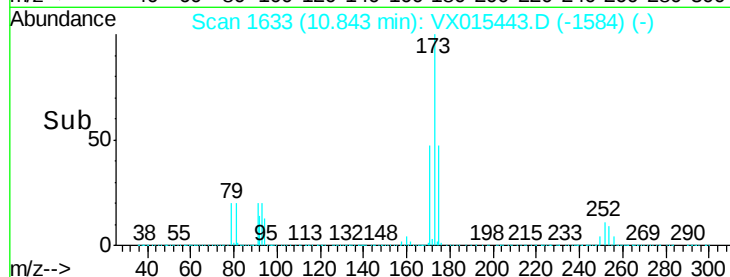
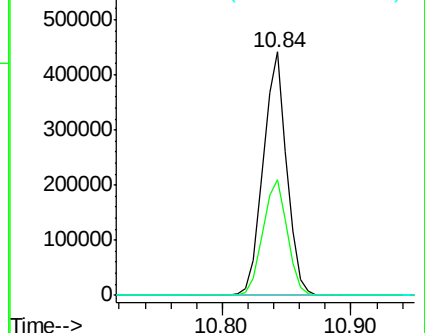
254 0.3 0.1 0.1#



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: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX015443.D

Acq: 31 Mar 2020 10:33

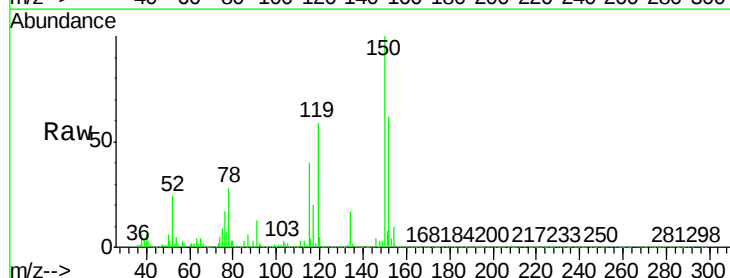
Tgt Ion:152 Resp: 816682

Ion Ratio Lower Upper

152 100

115 83.6 39.0 116.9

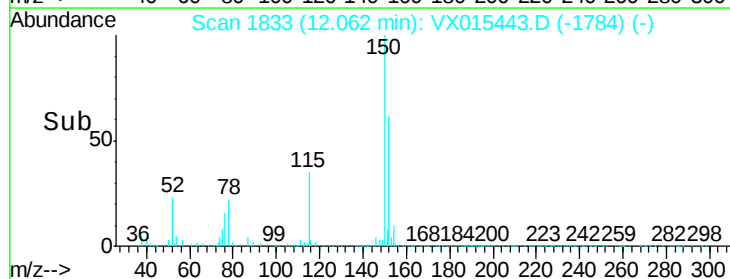
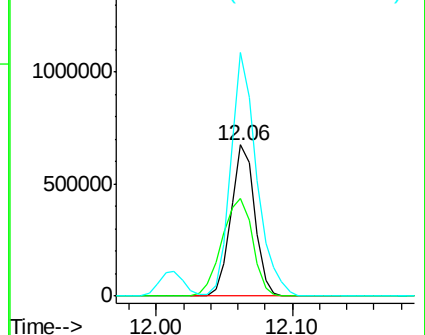
150 175.6 0.0 340.8

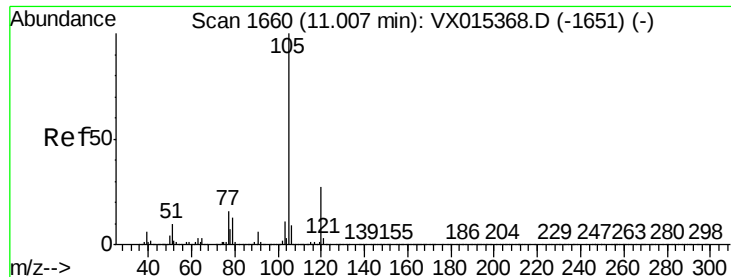


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.638 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015443.D

Acq: 31 Mar 2020 10:33

Instrument :

MSVOA_X

ClientSampleId :

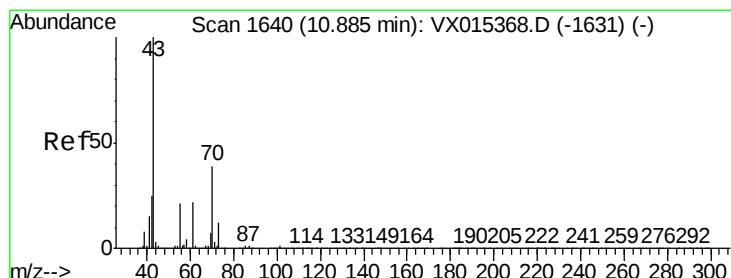
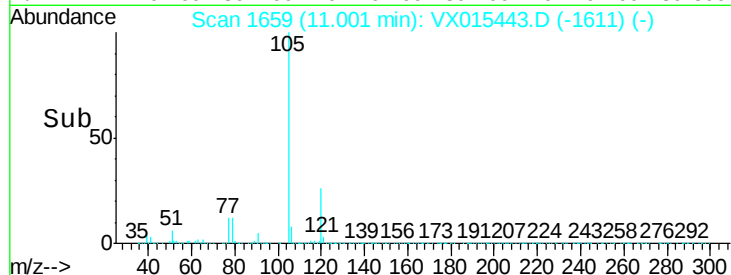
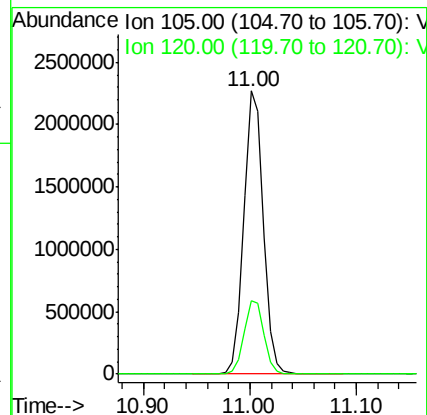
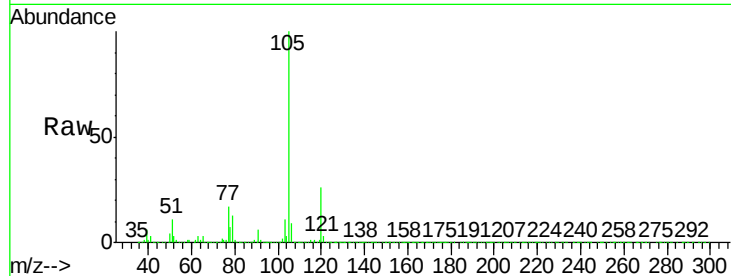
VSTDCCC050

Tot Ion:105 Resp: 2923718

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.5



#74

N-ethyl acetate

Concen: 48.853 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015443.D

Acq: 31 Mar 2020 10:33

Tgt Ion: 43 Resp: 1453934

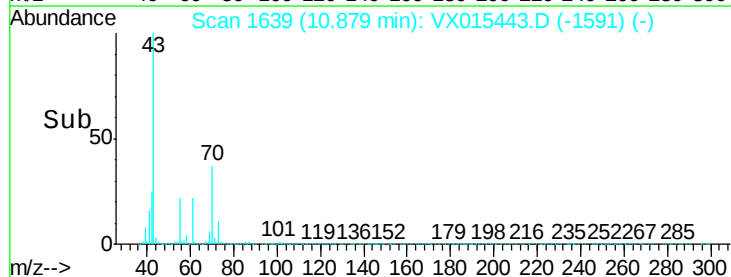
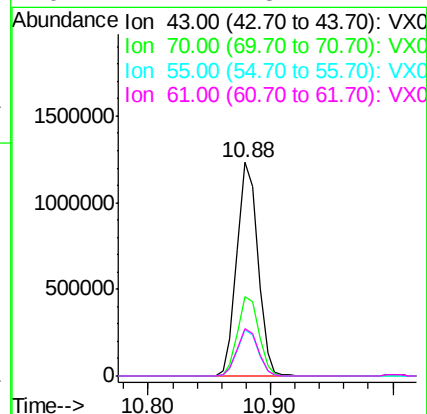
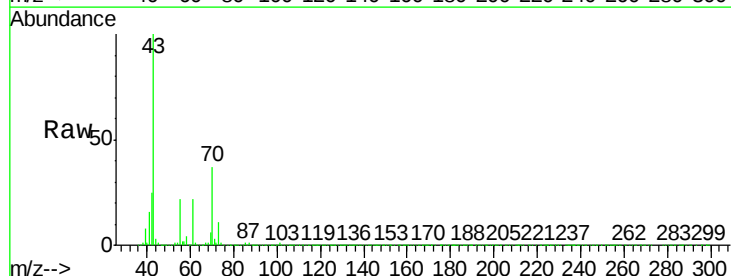
Ion Ratio Lower Upper

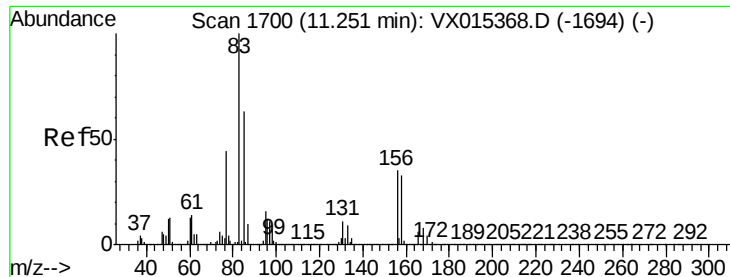
43 100

70 37.8 30.2 45.4

55 21.5 16.8 25.2

61 22.1 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 48.623 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015443.D

Acq: 31 Mar 2020 10:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

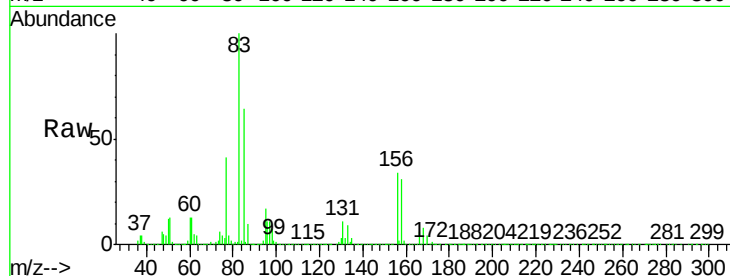
Tot Ion: 83 Resp: 892791

Ion Ratio Lower Upper

83 100

131 10.6 5.3 16.1

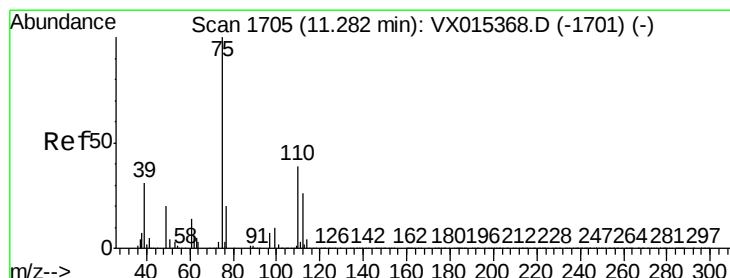
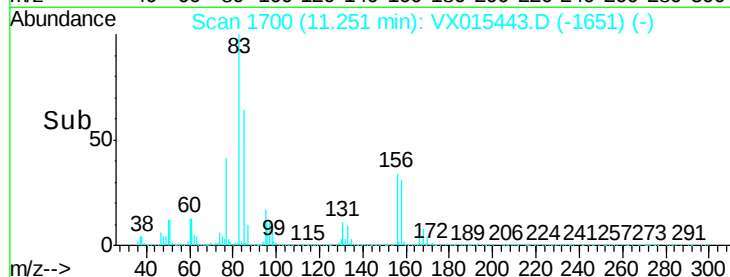
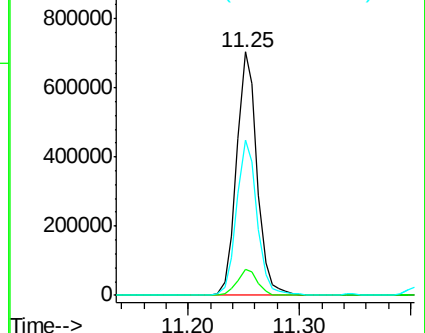
85 64.1 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 51.413 ug/l m

RT: 11.28 min Scan# 1705

Delta R.T. -0.00 min

Lab File: VX015443.D

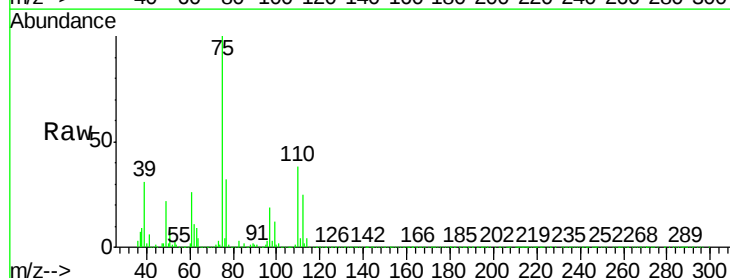
Acq: 31 Mar 2020 10:33

Tgt Ion: 75 Resp: 863449

Ion Ratio Lower Upper

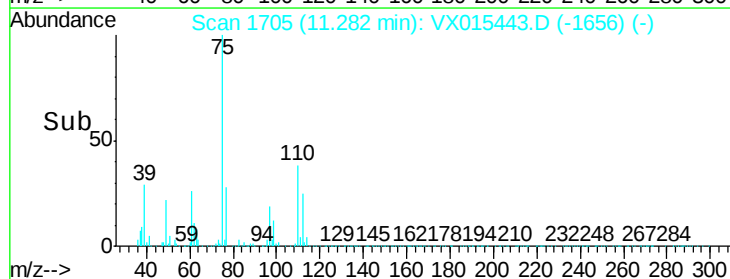
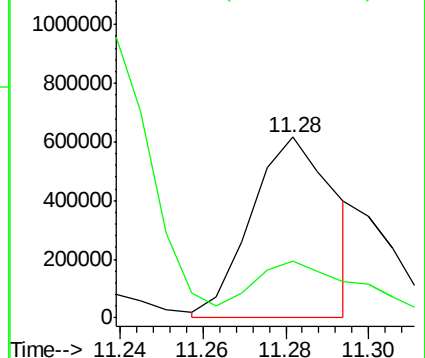
75 100

77 39.9 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.772 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX015443.D

Acq: 31 Mar 2020 10:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

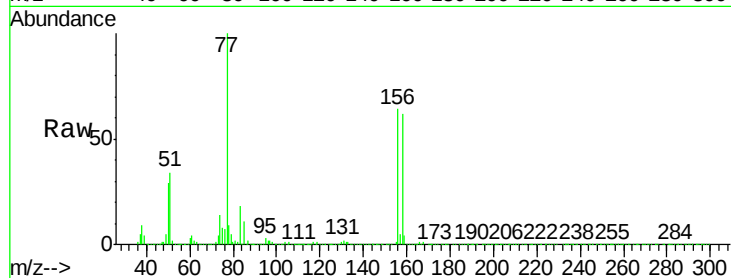
Tot Ion:156 Resp: 753235

Ion Ratio Lower Upper

156 100

77 163.4 82.2 246.5

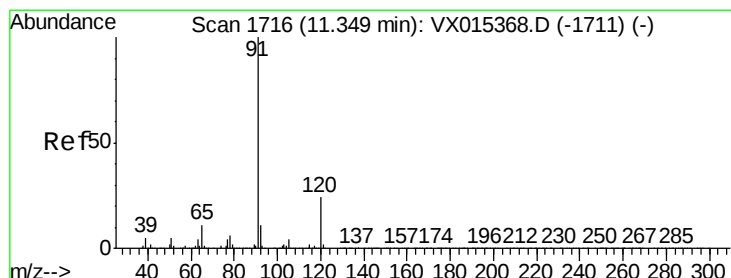
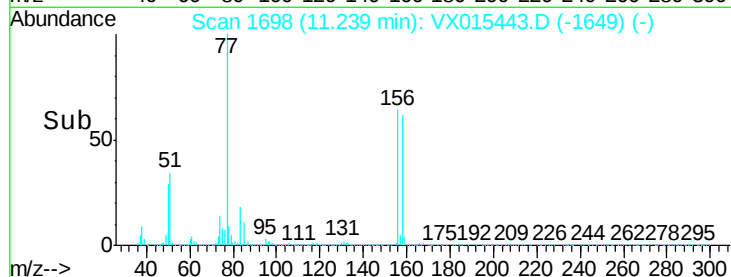
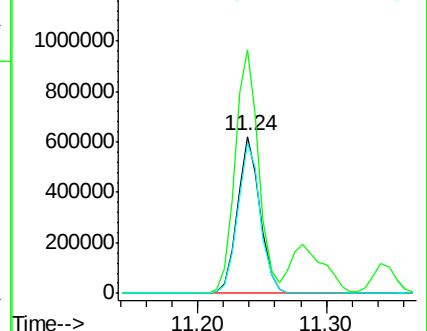
158 97.0 49.3 147.9



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: 55.509 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.01 min

Lab File: VX015443.D

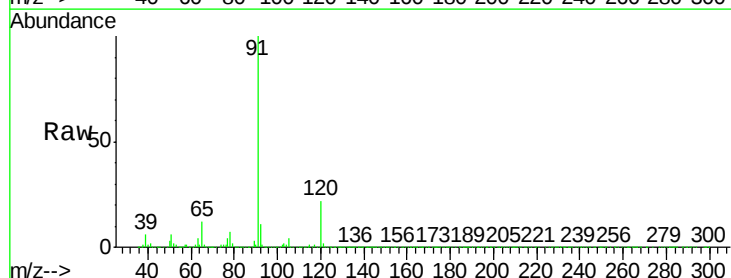
Acq: 31 Mar 2020 10:33

Tgt Ion: 91 Resp: 3396447

Ion Ratio Lower Upper

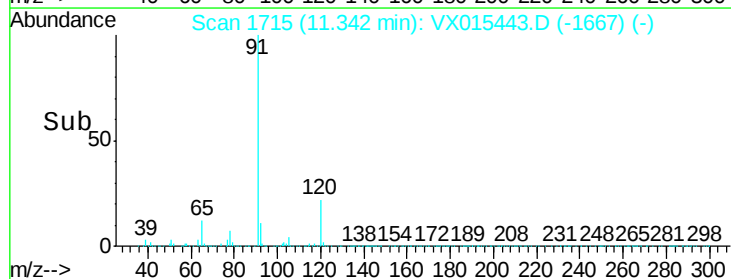
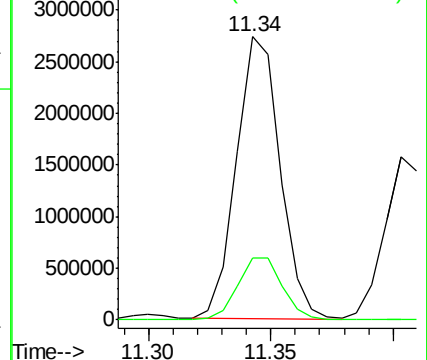
91 100

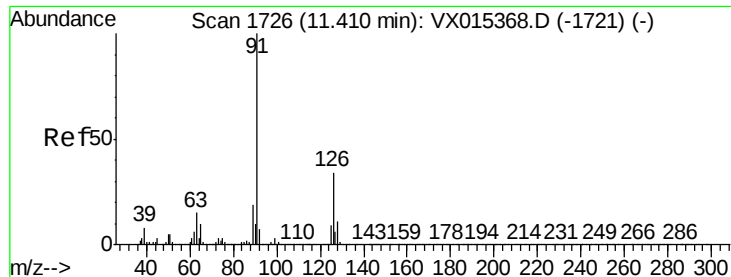
120 22.8 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.167 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015443.D

Acq: 31 Mar 2020 10:33

Instrument :

MSVOA_X

ClientSampleId :

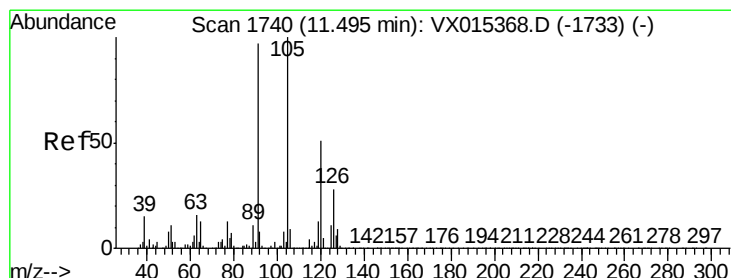
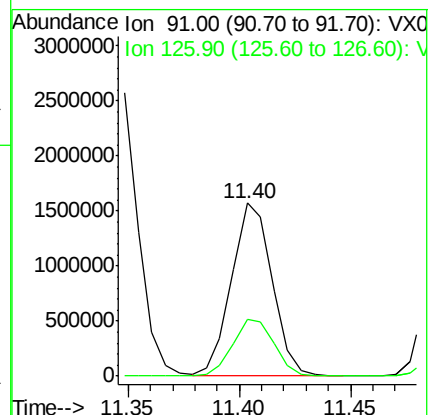
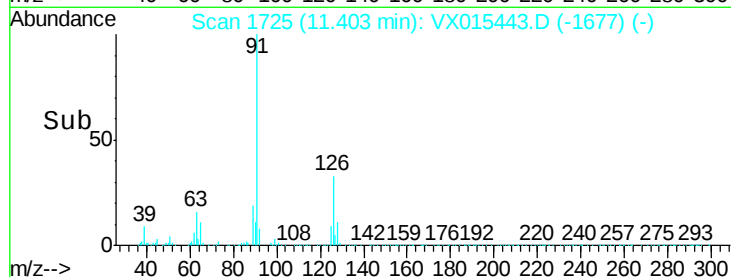
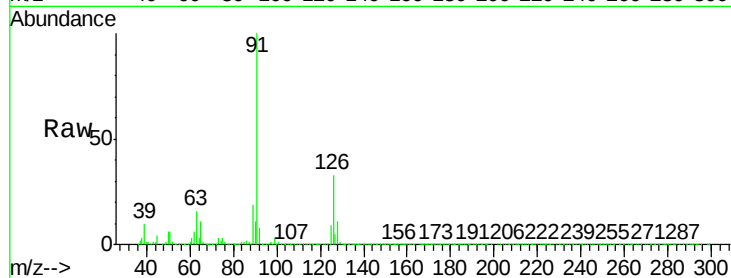
VSTDCCC050

Tot Ion: 91 Resp: 1993956

Ion Ratio Lower Upper

91 100

126 33.7 16.5 49.5



#80

1,3,5-Trimethylbenzene

Concen: 54.743 ug/l

RT: 11.49 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VX015443.D

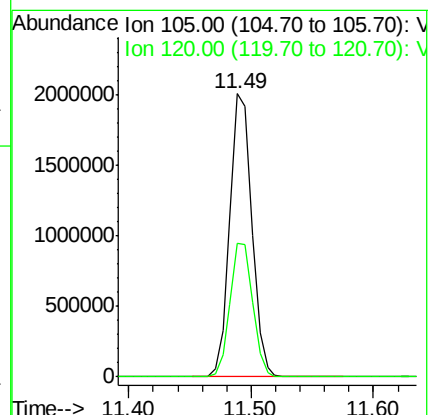
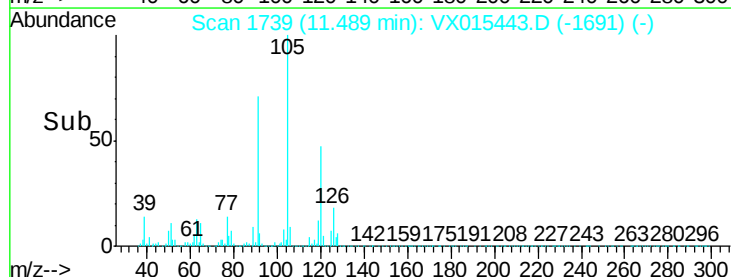
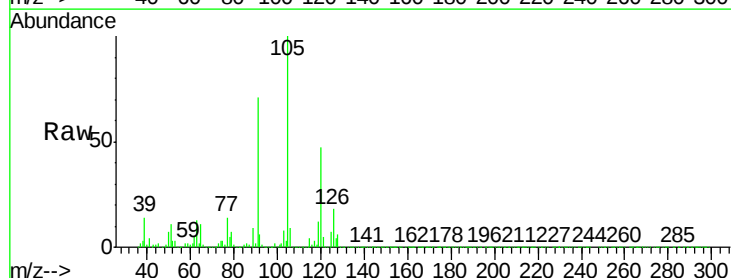
Acq: 31 Mar 2020 10:33

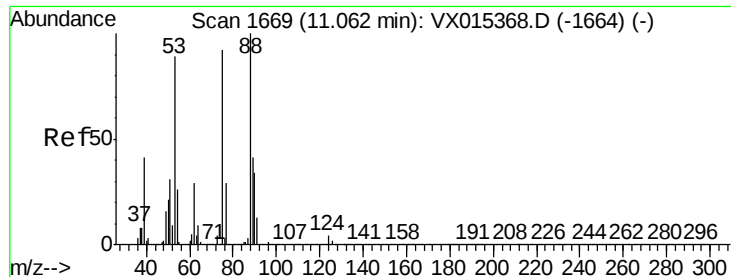
Tgt Ion: 105 Resp: 2501723

Ion Ratio Lower Upper

105 100

120 48.6 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 49.179 ug/l

RT: 11.06 min Scan# 1668

Delta R.T. -0.01 min

Lab File: VX015443.D

Acq: 31 Mar 2020 10:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

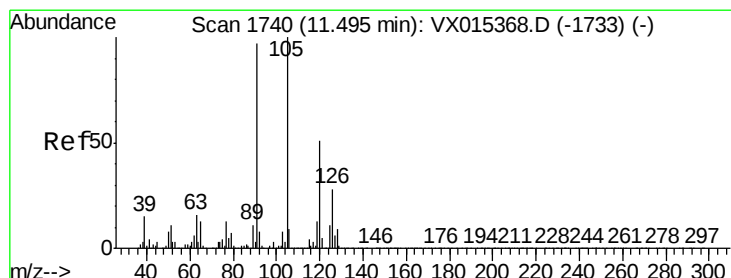
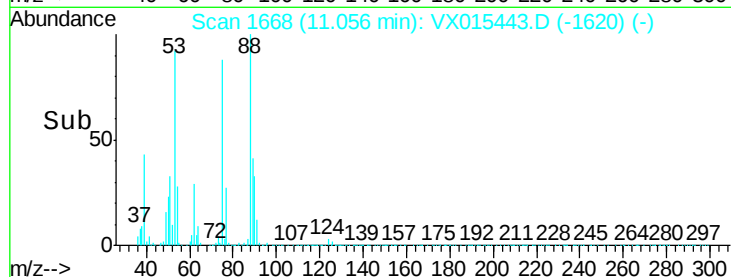
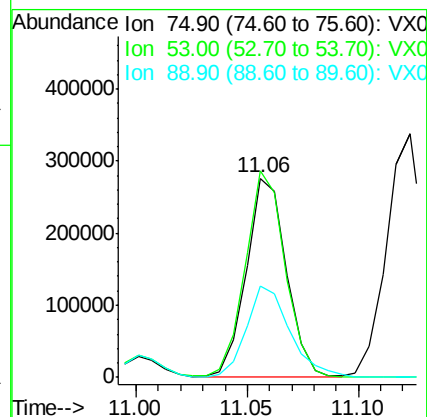
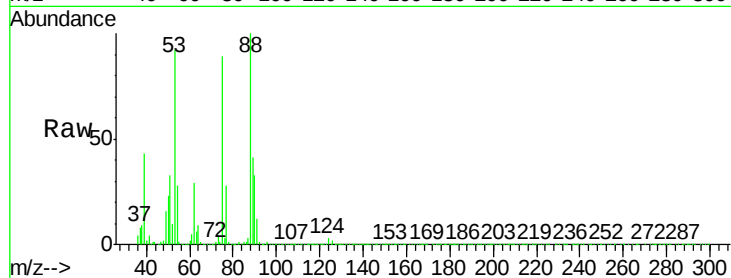
Tot Ion: 75 Resp: 344217

Ion Ratio Lower Upper

75 100

53 103.2 80.1 120.1

89 50.6 36.1 54.1



#82

4-Chlorotoluene

Concen: 54.456 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VX015443.D

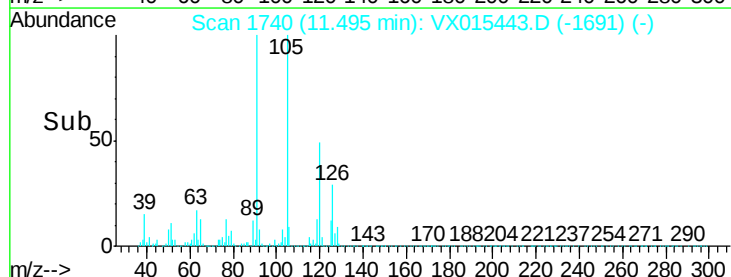
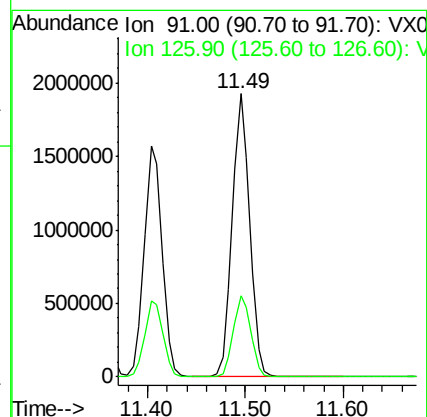
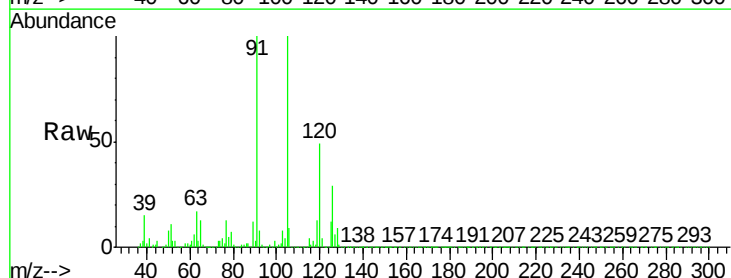
Acq: 31 Mar 2020 10:33

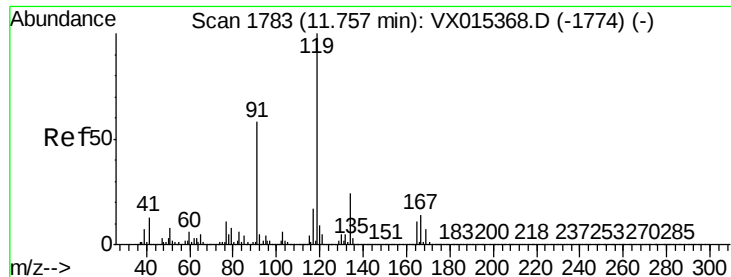
Tgt Ion: 91 Resp: 2394202

Ion Ratio Lower Upper

91 100

126 28.9 14.7 44.1





#83

tert-Butylbenzene

Concen: 54.405 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX015443.D

Acq: 31 Mar 2020 10:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

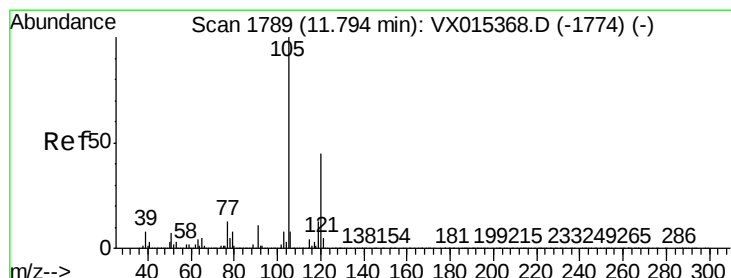
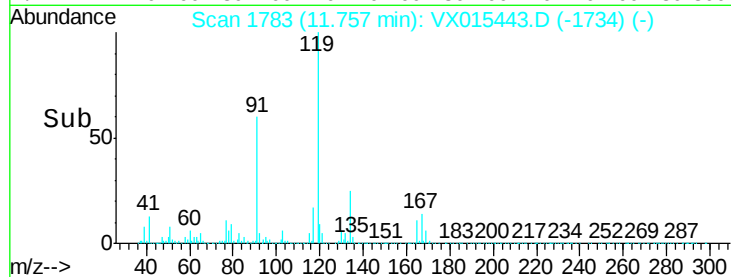
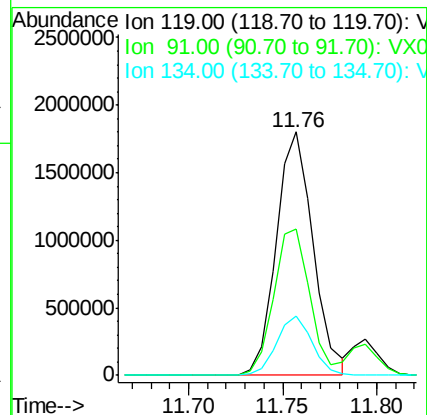
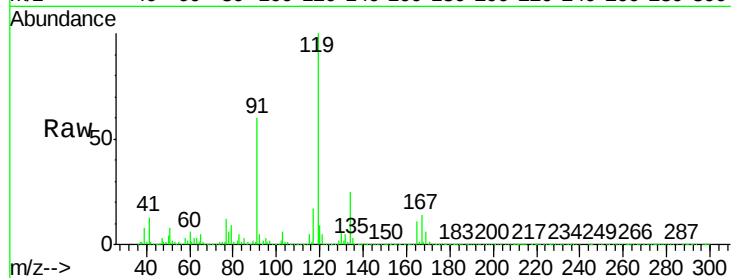
Tot Ion:119 Resp: 2428592

Ion Ratio Lower Upper

119 100

91 58.8 28.6 85.8

134 23.3 11.8 35.3



#84

1,2,4-Trimethylbenzene

Concen: 54.503 ug/l

RT: 11.79 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX015443.D

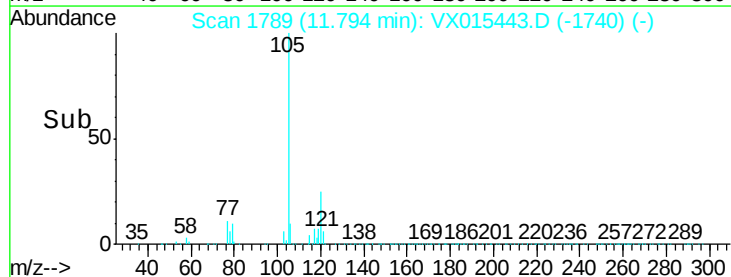
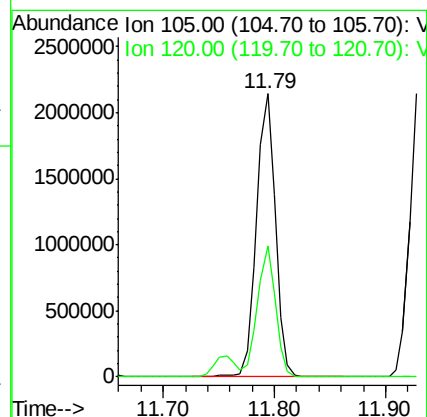
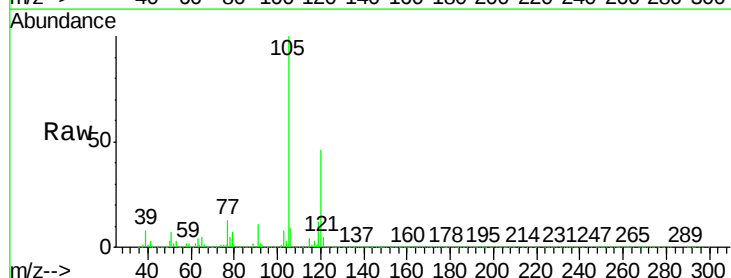
Acq: 31 Mar 2020 10:33

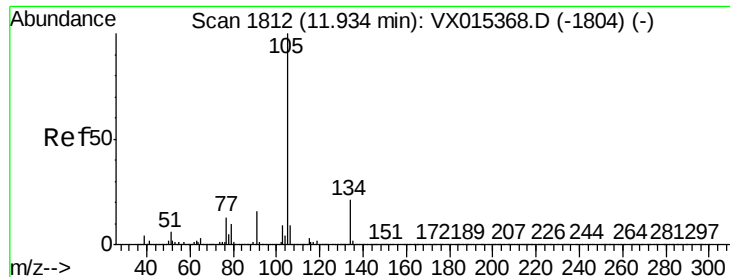
Tgt Ion:105 Resp: 2538232

Ion Ratio Lower Upper

105 100

120 44.4 22.7 68.1

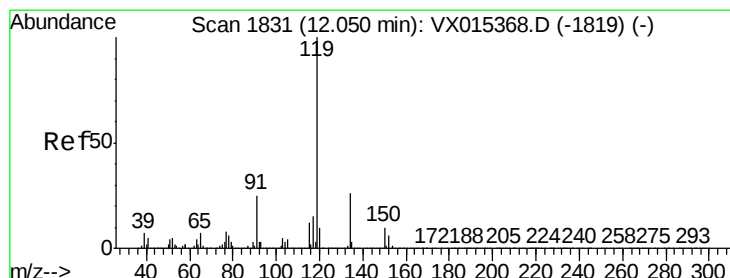
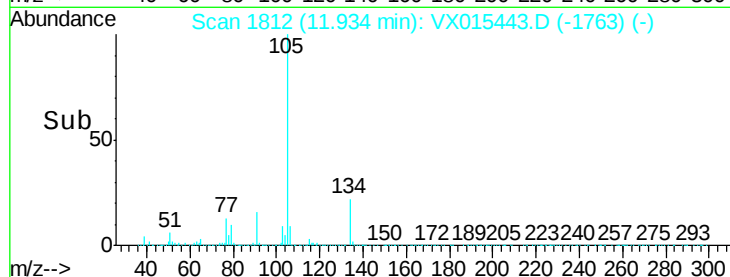
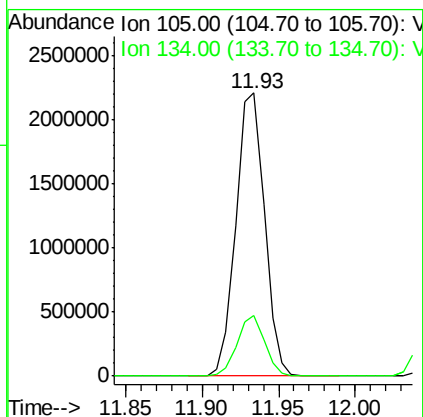
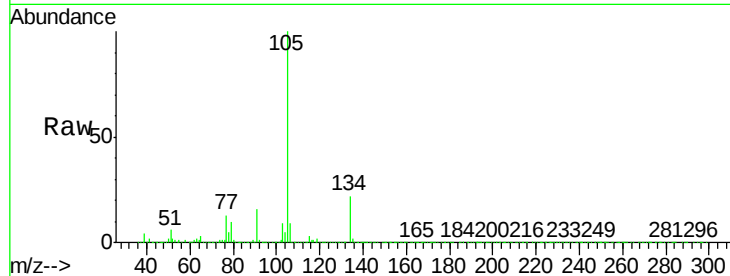




#85
 sec-Butylbenzene
 Concen: 55.635 ug/l
 RT: 11.93 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VX015443.D
 Acq: 31 Mar 2020 10:33

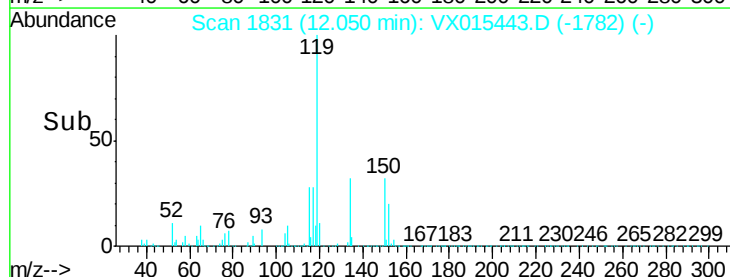
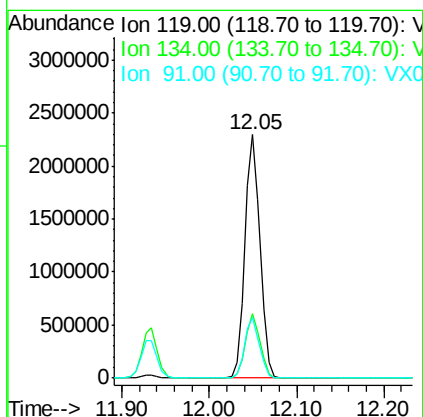
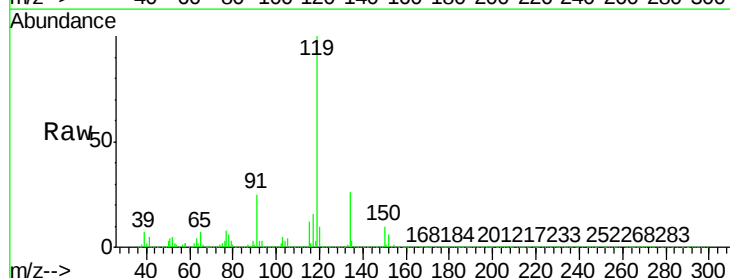
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

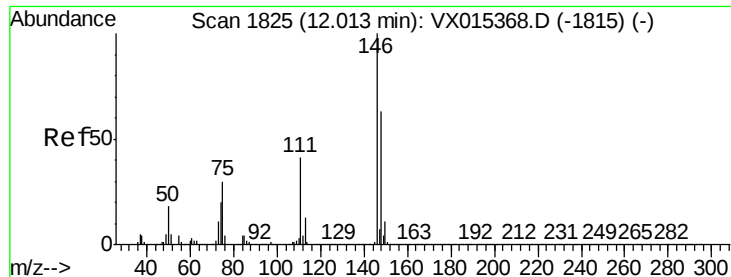
Tot Ion:105 Resp: 2872221
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 57.198 ug/l
 RT: 12.05 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: VX015443.D
 Acq: 31 Mar 2020 10:33

Tgt Ion:119 Resp: 2741341
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.1 39.3
 91 24.4 12.4 37.4

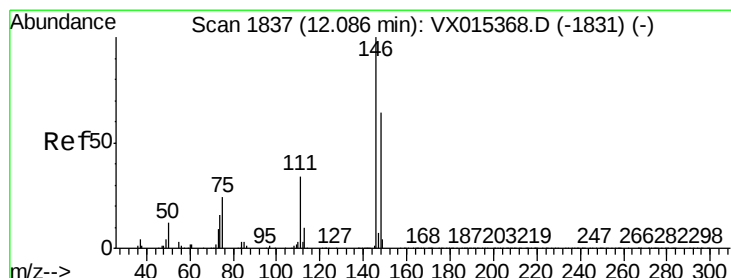
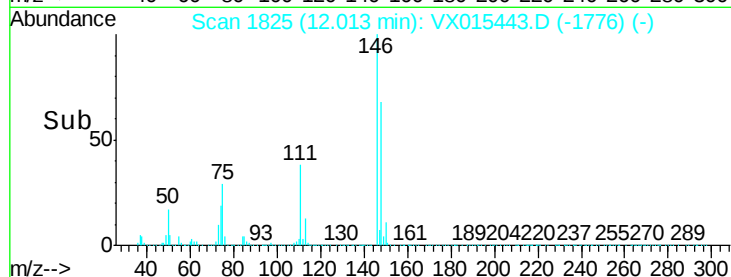
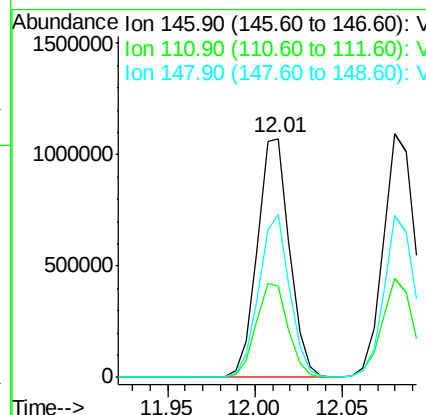
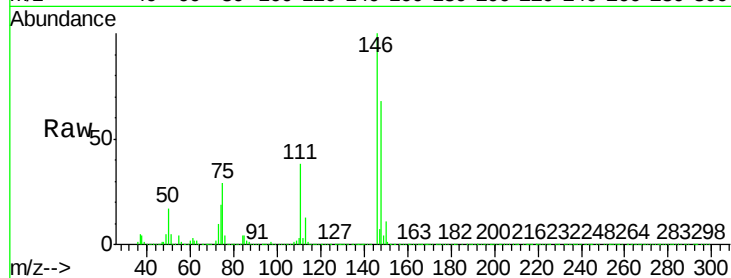




#87
 1,3-Dichlorobenzene
 Concen: 53.748 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: VX015443.D
 Acq: 31 Mar 2020 10:33

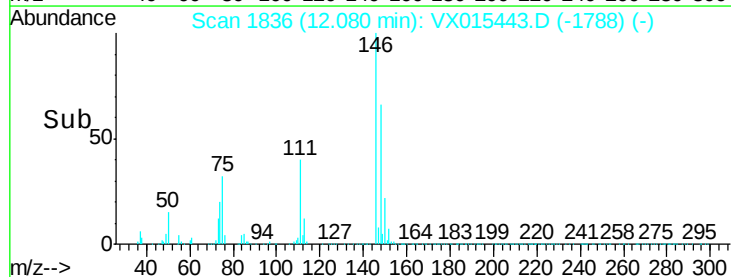
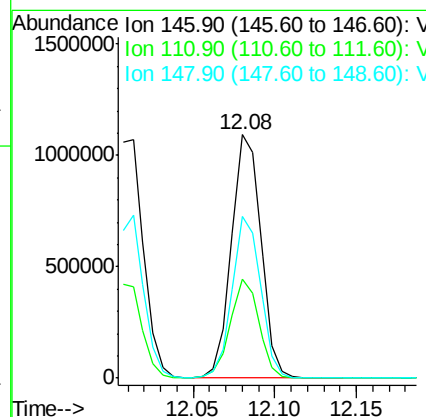
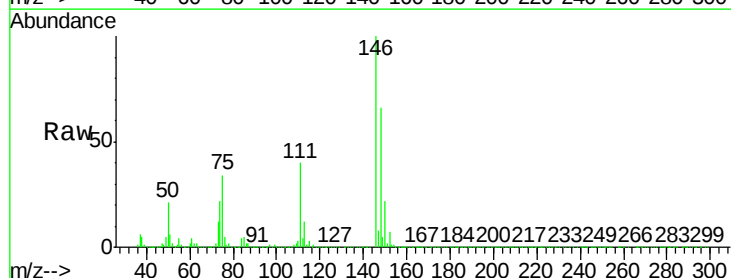
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

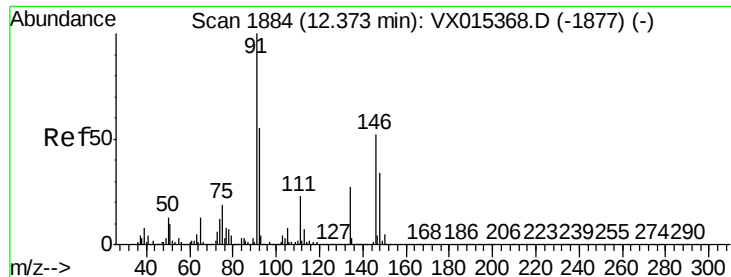
Tot Ion:146 Resp: 1373382
 Ion Ratio Lower Upper
 146 100
 111 39.3 20.3 60.9
 148 65.2 31.3 93.9



#88
 1,4-Dichlorobenzene
 Concen: 52.644 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015443.D
 Acq: 31 Mar 2020 10:33

Tgt Ion:146 Resp: 1370172
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.1 57.5
 148 64.3 32.4 97.2

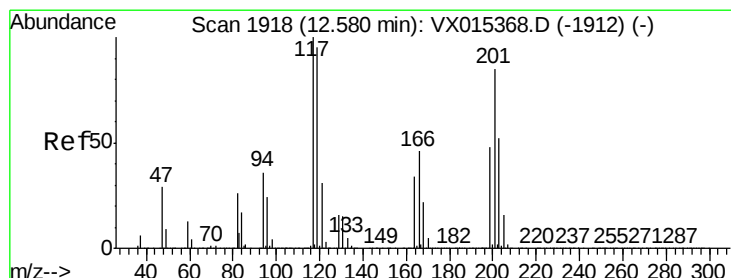
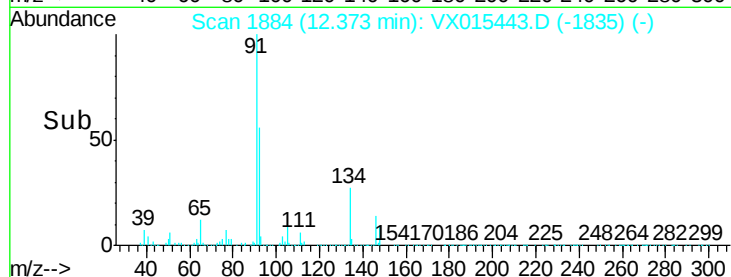
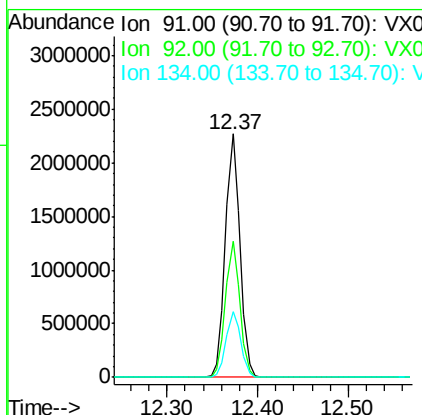
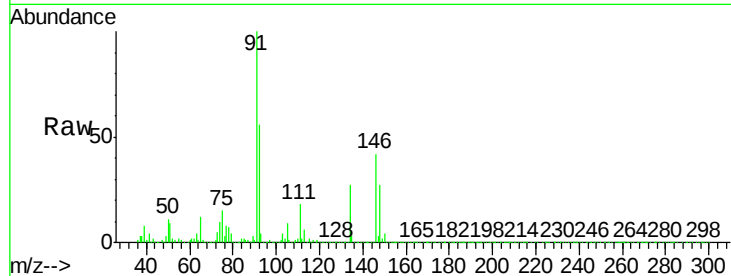




#89
n-Butylbenzene
Concen: 58.574 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX015443.D
Acq: 31 Mar 2020 10:33

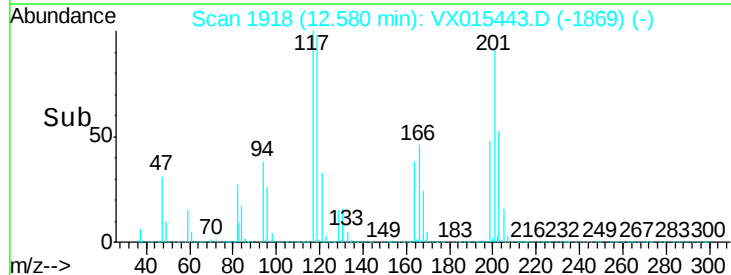
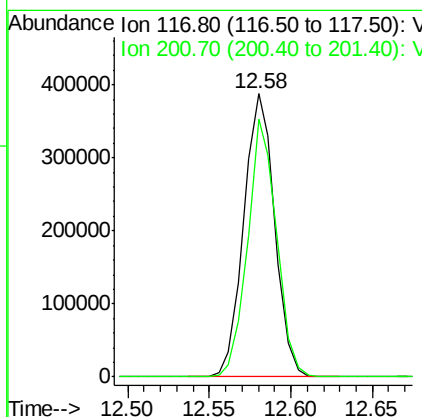
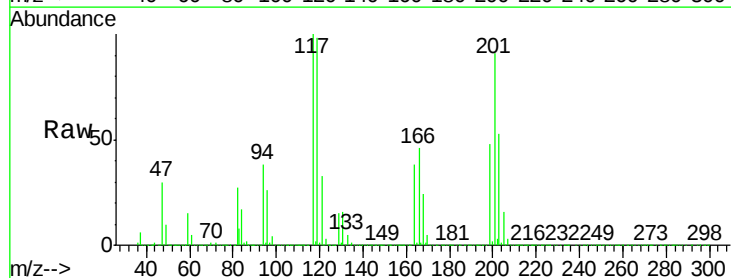
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

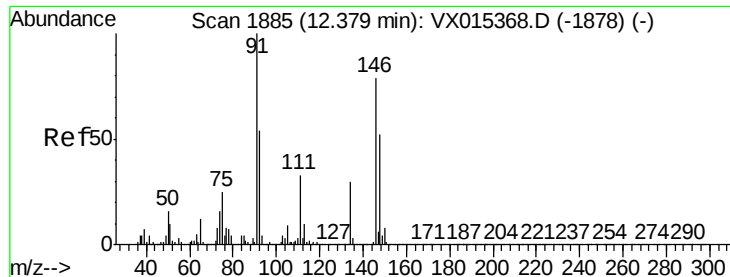
Tot Ion: 91 Resp: 2536881
Ion Ratio Lower Upper
91 100
92 55.6 27.2 81.5
134 27.1 13.4 40.2



#90
Hexachloroethane
Concen: 54.596 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VX015443.D
Acq: 31 Mar 2020 10:33

Tgt Ion: 117 Resp: 509292
Ion Ratio Lower Upper
117 100
201 85.7 42.6 128.0

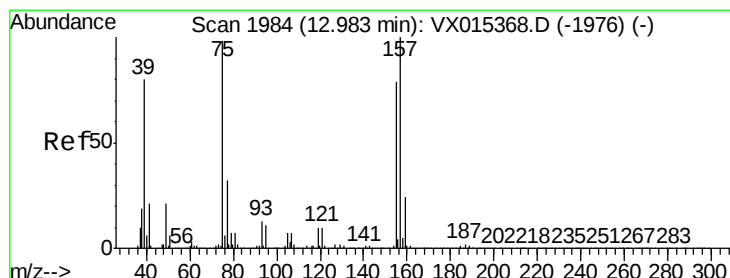
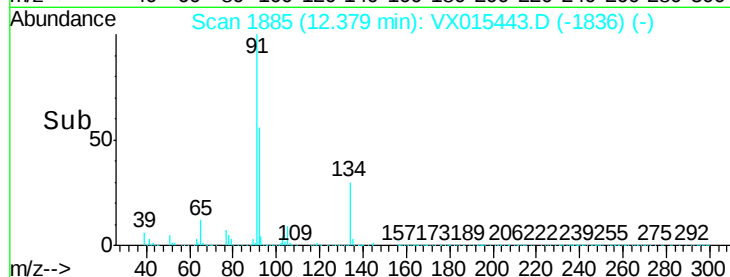
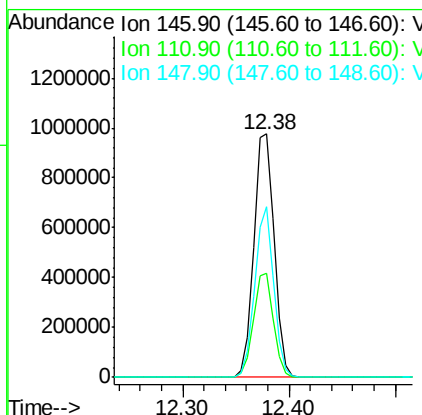
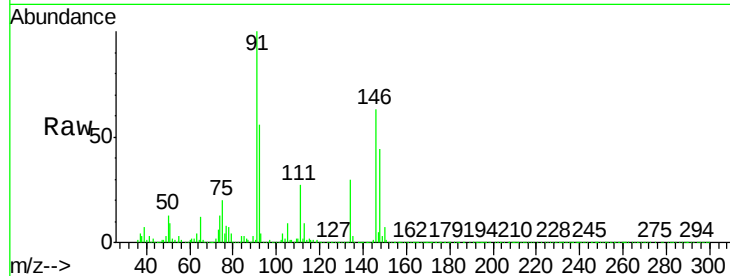




#91
 1,2-Dichlorobenzene
 Concen: 52.459 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. -0.00 min
 Lab File: VX015443.D
 Acq: 31 Mar 2020 10:33

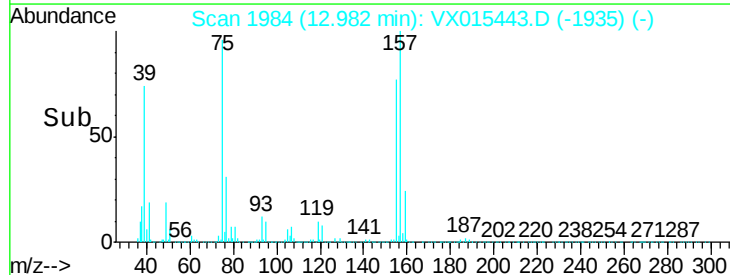
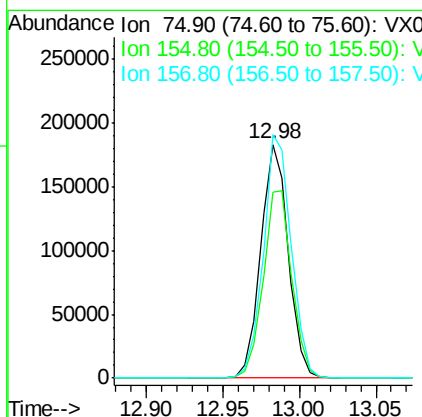
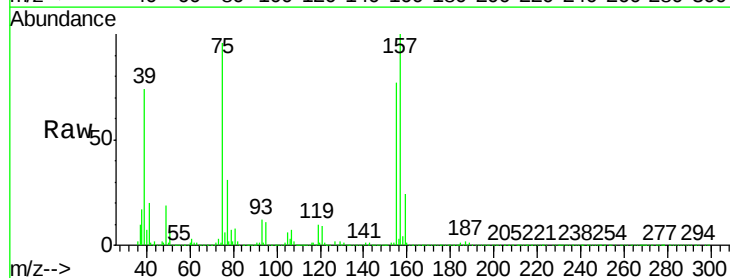
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

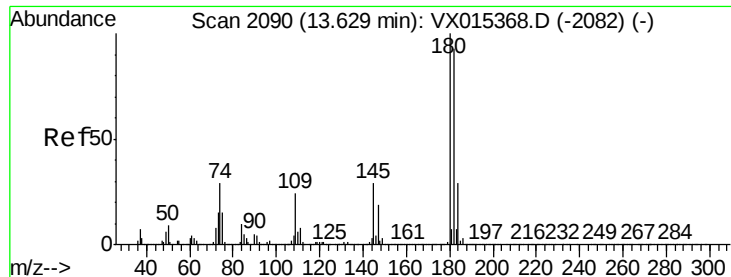
Tot Ion:146 Resp: 1311795
 Ion Ratio Lower Upper
 146 100
 111 41.8 21.0 63.0
 148 65.1 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.425 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. -0.00 min
 Lab File: VX015443.D
 Acq: 31 Mar 2020 10:33

Tgt Ion: 75 Resp: 230230
 Ion Ratio Lower Upper
 75 100
 155 84.1 42.8 128.4
 157 105.6 53.4 160.3

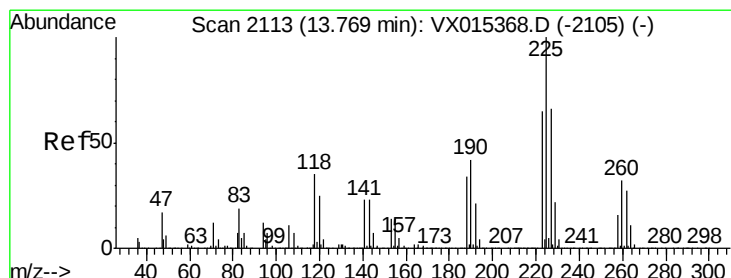
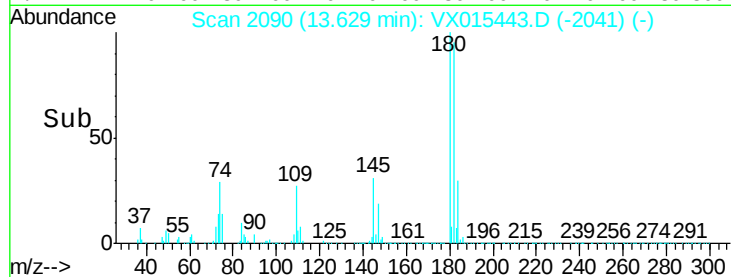
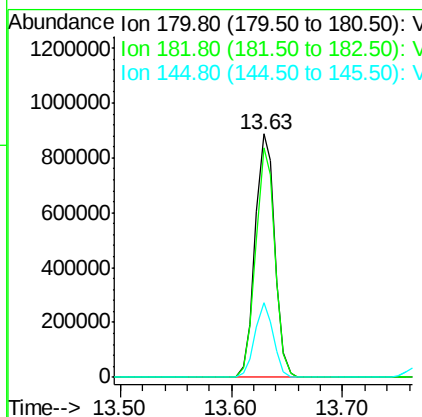
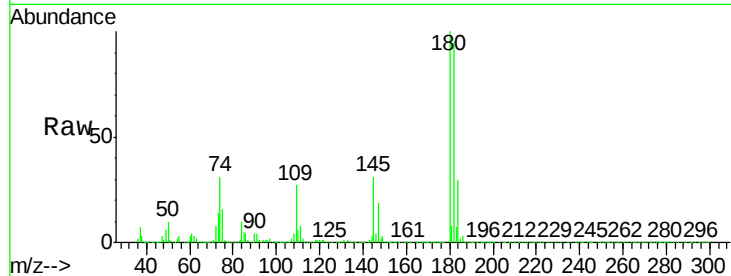




#93
 1,2,4-Trichlorobenzene
 Concen: 55.137 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: VX015443.D
 Acq: 31 Mar 2020 10:33

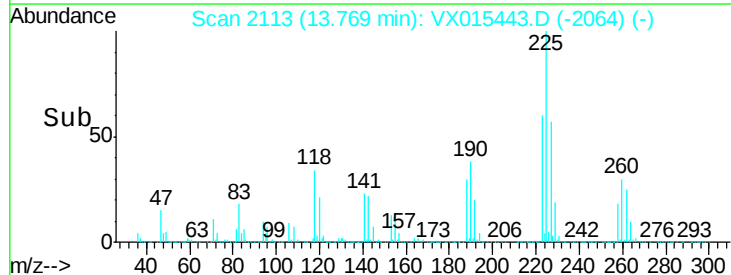
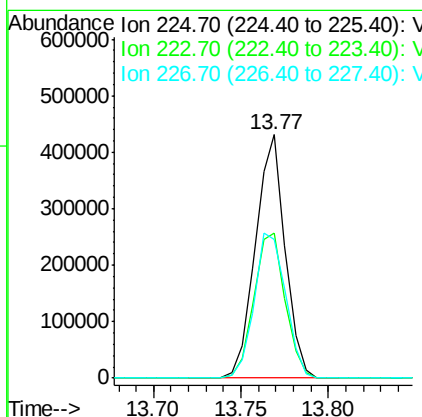
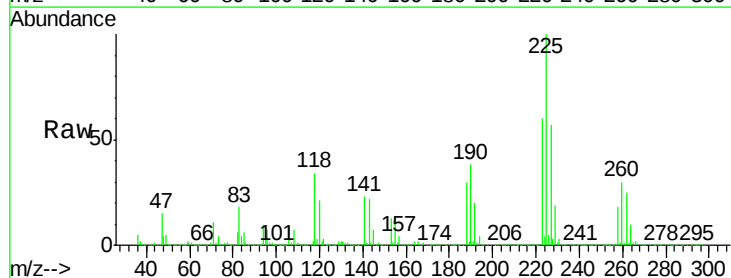
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

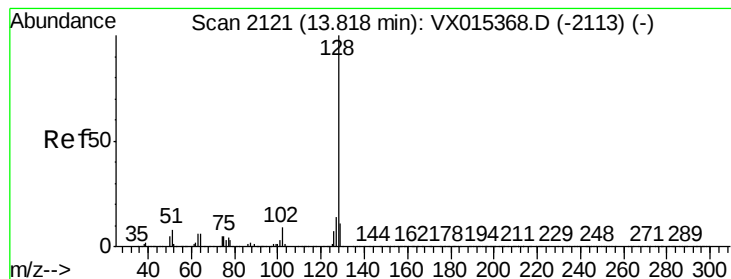
Tot Ion:180 Resp: 1090602
 Ion Ratio Lower Upper
 180 100
 182 92.7 46.9 140.7
 145 28.9 14.9 44.5



#94
 Hexachlorobutadiene
 Concen: 53.725 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VX015443.D
 Acq: 31 Mar 2020 10:33

Tgt Ion:225 Resp: 505945
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.9 95.7
 227 63.2 30.4 91.3





#95

Naphthalene

Concen: 50.986 ug/l

RT: 13.82 min Scan# 2121

Delta R.T. -0.00 min

Lab File: VX015443.D

Acq: 31 Mar 2020 10:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

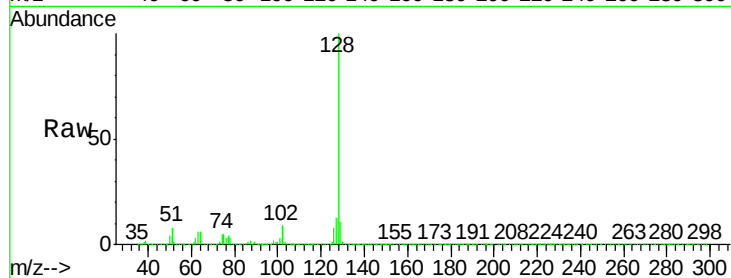
Tot Ion:128 Resp: 3076229

Ion Ratio Lower Upper

128 100

127 12.9 10.6 15.8

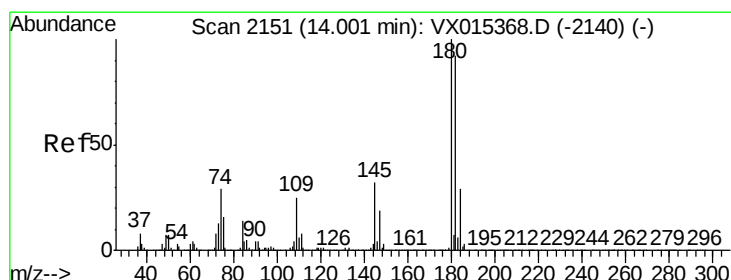
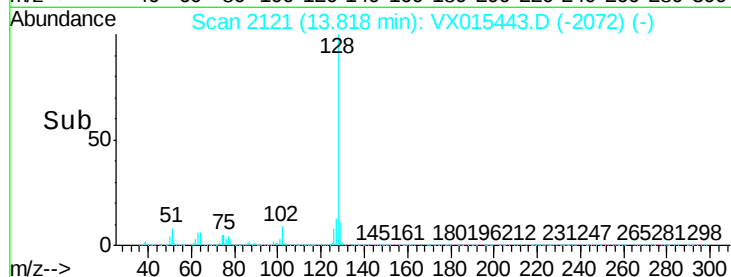
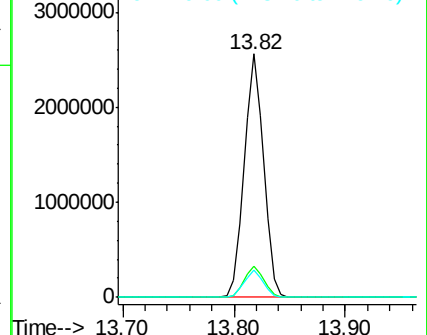
129 11.1 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 54.249 ug/l

RT: 14.01 min Scan# 2152

Delta R.T. 0.01 min

Lab File: VX015443.D

Acq: 31 Mar 2020 10:33

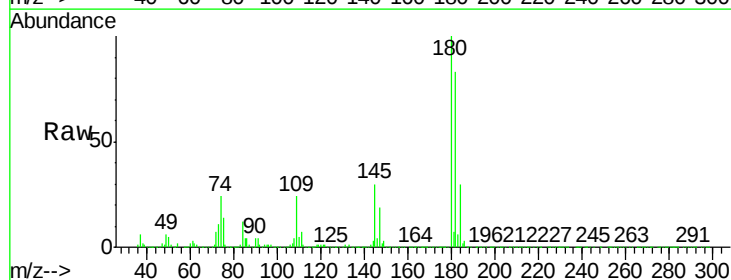
Tgt Ion:180 Resp: 1033113

Ion Ratio Lower Upper

180 100

182 93.9 46.7 140.0

145 32.1 15.8 47.3



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

