

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032720\
 Data File : VX015398.D
 Acq On : 27 Mar 2020 22:15
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 30 01:48:03 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	5.63	168	1055161	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1683435	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1538837	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	795659	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	712109	47.85	ug/l	0.00
Spiked Amount			Recovery	=	95.70%	
35) Dibromofluoromethane	5.47	113	526643	48.94	ug/l	0.00
Spiked Amount			Recovery	=	97.88%	
50) Toluene-d8	8.70	98	1905948	48.11	ug/l	0.00
Spiked Amount			Recovery	=	96.22%	
62) 4-Bromofluorobenzene	11.12	95	783784	48.68	ug/l	0.00
Spiked Amount			Recovery	=	97.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	510649	54.931	ug/l	98
3) Chloromethane	1.31	50	601401	50.800	ug/l	99
4) Vinyl Chloride	1.39	62	558530	51.381	ug/l	97
5) Bromomethane	1.62	94	256216	51.351	ug/l	95
6) Chloroethane	1.70	64	336610	49.928	ug/l	98
7) Trichlorofluoromethane	1.91	101	780617	53.547	ug/l	97
8) Diethyl Ether	2.17	74	293617	47.751	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	504371	53.072	ug/l	99
10) Methyl Iodide	2.49	142	552872	43.149	ug/l	100
11) Tert butyl alcohol	3.01	59	858407	240.986	ug/l	100
12) 1,1-Dichloroethene	2.36	96	519817	52.181	ug/l	97
13) Acrolein	2.27	56	385466	189.968	ug/l	98
14) Allyl chloride	2.71	41	1198053	51.470	ug/l	98
15) Acrylonitrile	3.12	53	1705465	251.058	ug/l	99
16) Acetone	2.42	43	1578347	246.863	ug/l	98
17) Carbon Disulfide	2.55	76	1558904	51.298	ug/l	99
18) Methyl Acetate	2.75	43	818320	50.147	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	1964431	50.845	ug/l	100
20) Methylene Chloride	2.83	84	594022	49.741	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	564620	51.070	ug/l	98
22) Diisopropyl ether	3.83	45	2166772	52.533	ug/l	99
23) Vinyl Acetate	3.79	43	9720133	260.284	ug/l	100
24) 1,1-Dichloroethane	3.67	63	1111798	51.196	ug/l	99
25) 2-Butanone	4.64	43	2551800	248.175	ug/l	98
26) 2,2-Dichloropropane	4.56	77	860718	48.286	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	650256	50.837	ug/l	97
28) Bromochloromethane	4.98	49	517064	49.868	ug/l	98
29) Tetrahydrofuran	5.09	42	1656841	250.649	ug/l	99
30) Chloroform	5.18	83	1068173	51.125	ug/l	96
31) Cyclohexane	5.55	56	1007319	53.470	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	983836	52.032	ug/l	98
36) 1,1-Dichloropropene	5.77	75	816801	52.660	ug/l	99
37) Ethyl Acetate	4.80	43	1006939	49.857	ug/l	99
38) Carbon Tetrachloride	5.76	117	873569	51.998	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	945580	52.872	ug/l	98
40) Benzene	6.12	78	2371721	52.199	ug/l	98
41) Methacrylonitrile	5.01	41	580537	51.781	ug/l	99
42) 1,2-Dichloroethane	6.17	62	943583	51.701	ug/l	99
43) Isopropyl Acetate	6.42	43	1740358	51.047	ug/l	100
44) Trichloroethene	7.19	130	624530	50.400	ug/l	100
45) 1,2-Dichloropropane	7.49	63	639632	51.461	ug/l	99
46) Dibromomethane	7.64	93	418500	51.328	ug/l	99
47) Bromodichloromethane	7.88	83	883697	50.865	ug/l	95
48) Methyl methacrylate	7.75	41	868785	51.017	ug/l	99
49) 1,4-Dioxane	7.72	88	324409	1021.173	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	4982340	257.864	ug/l	99
52) Toluene	8.77	92	1484000	52.977	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	1013340	49.733	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	1064007	51.263	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	589230	51.341	ug/l	98
56) Ethyl methacrylate	9.16	69	1037032	51.271	ug/l	99
57) 1,3-Dichloropropane	9.36	76	1033357	49.975	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	2521637	256.310	ug/l	98
59) 2-Hexanone	9.48	43	3752202	257.223	ug/l	100
60) Dibromochloromethane	9.57	129	710050	51.487	ug/l	99
61) 1,2-Dibromoethane	9.65	107	634801	50.869	ug/l	100
64) Tetrachloroethene	9.32	164	566845	48.810	ug/l	96
65) Chlorobenzene	10.12	112	1576844	51.381	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	622617	50.783	ug/l	98
67) Ethyl Benzene	10.24	91	2866531	52.665	ug/l	99
68) m/p-Xylenes	10.34	106	2117899	104.495	ug/l	100
69) o-Xylene	10.68	106	1026767	51.267	ug/l	96
70) Styrene	10.70	104	1821825	51.694	ug/l	99
71) Bromoform	10.84	173	550177	49.294	ug/l #	96
73) Isopropylbenzene	11.00	105	2726654	52.302	ug/l	98
74) N-amyl acetate	10.89	43	1484162	51.186	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	906413	50.669	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	1126764	68.864	ug/l	83
77) Bromobenzene	11.24	156	722723	51.972	ug/l	99
78) n-propylbenzene	11.35	91	3169577	53.170	ug/l	100
79) 2-Chlorotoluene	11.40	91	1933944	52.929	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	2342936	52.623	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	336371	49.328	ug/l	98
82) 4-Chlorotoluene	11.49	91	2264413	52.865	ug/l	100
83) tert-Butylbenzene	11.76	119	2325848	53.480	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	2394491	52.775	ug/l	100
85) sec-Butylbenzene	11.93	105	2685056	53.383	ug/l	99
86) p-Isopropyltoluene	12.05	119	2482054	53.156	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	1290615	51.844	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	1315782	51.890	ug/l	97
89) n-Butylbenzene	12.37	91	2263515	53.643	ug/l	99
90) Hexachloroethane	12.58	117	485211	53.388	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	1264495	51.903	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	241453	47.822	ug/l	98

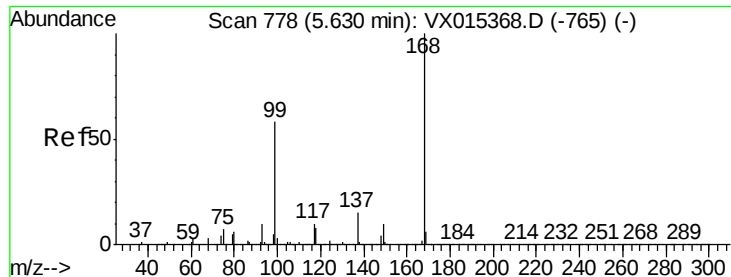
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032720\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	1003889	52.094	ug/l	99
94) Hexachlorobutadiene	13.77	225	445694	48.578	ug/l	99
95) Naphthalene	13.82	128	3093201	52.622	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	955742	51.513	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.00 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

Instrument :

MSVOA_X

ClientSampleId :

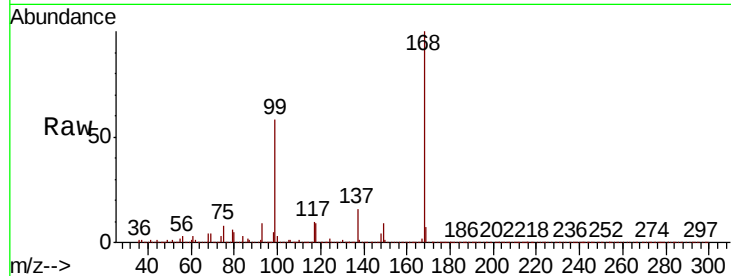
VSTDCCC050

Tot Ion:168 Resp: 1055161

Ion Ratio Lower Upper

168 100

99 57.6 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

400000

300000

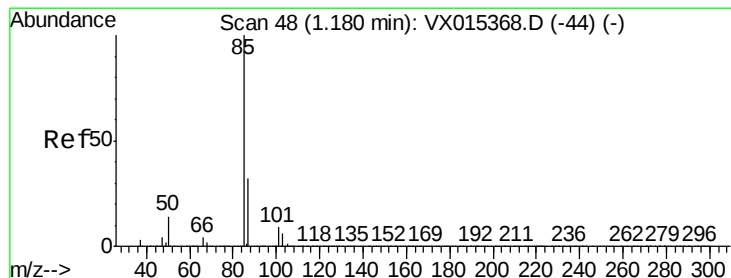
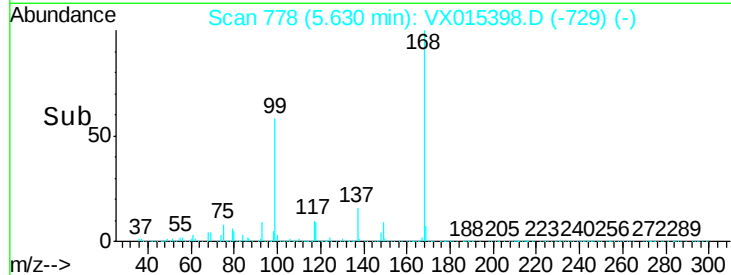
200000

100000

0

5.40 5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 54.931 ug/l

RT: 1.18 min Scan# 48

Delta R.T. -0.00 min

Lab File: VX015398.D

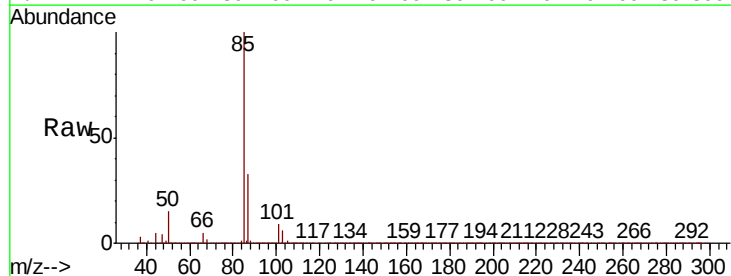
Acq: 27 Mar 2020 22:15

Tgt Ion: 85 Resp: 510649

Ion Ratio Lower Upper

85 100

87 32.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

600000

500000

400000

300000

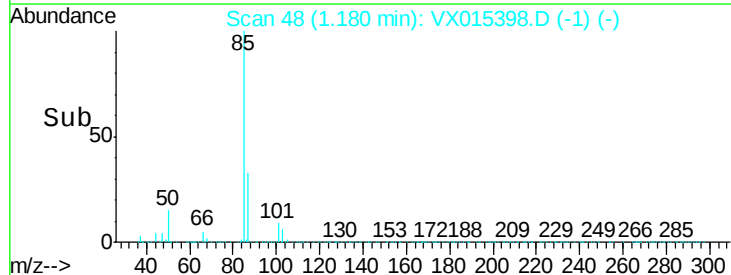
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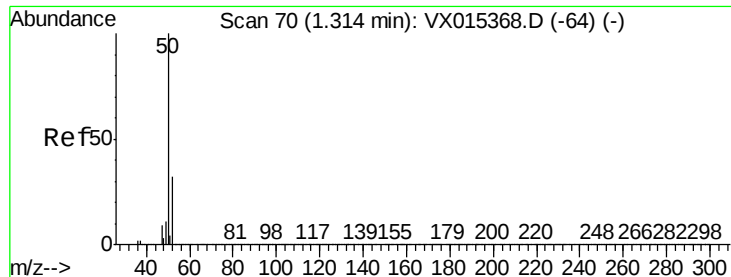
100000

0

1.10 1.20 1.30

Time-->

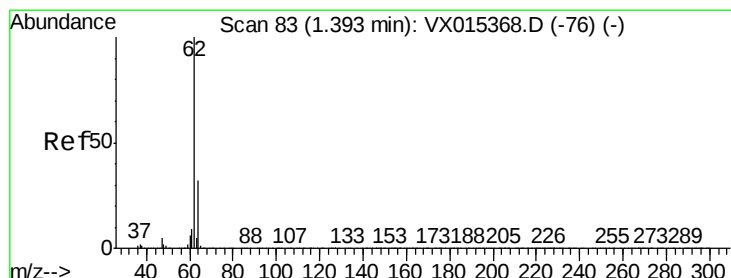
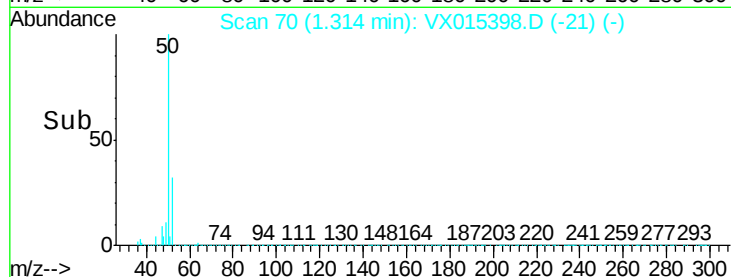
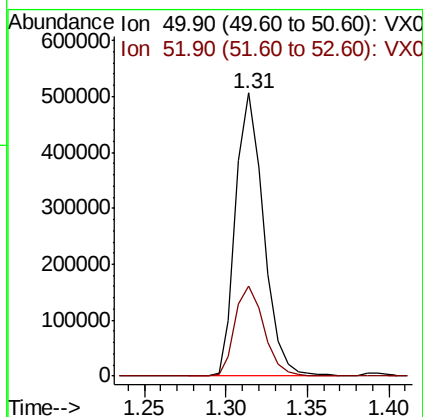
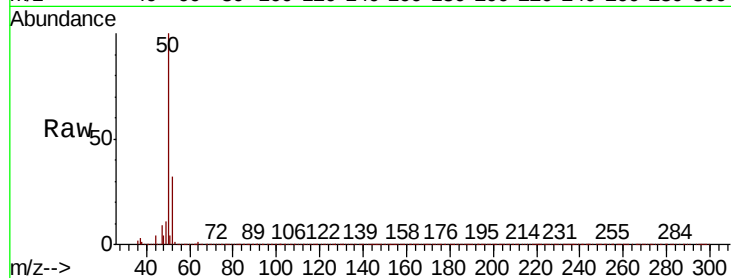




#3
Chloromethane
Concen: 50.800 ug/l
RT: 1.31 min Scan# 70
Delta R.T. -0.00 min
Lab File: VX015398.D
Acq: 27 Mar 2020 22:15

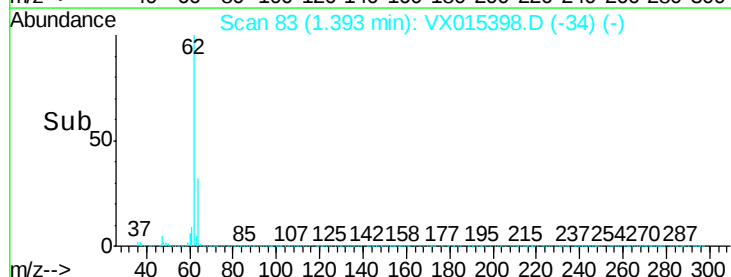
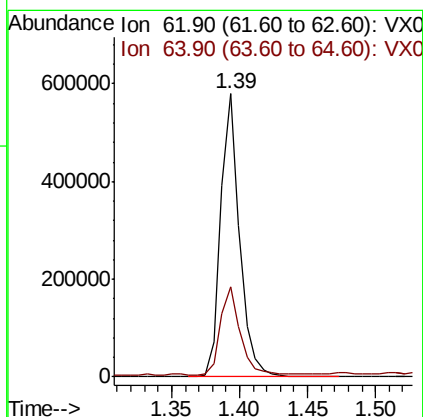
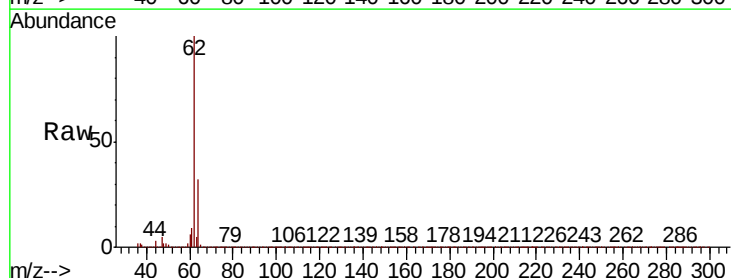
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 50 Resp: 601401
Ion Ratio Lower Upper
50 100
52 32.0 25.3 37.9



#4
Vinyl Chloride
Concen: 51.381 ug/l
RT: 1.39 min Scan# 83
Delta R.T. -0.00 min
Lab File: VX015398.D
Acq: 27 Mar 2020 22:15

Tgt Ion: 62 Resp: 558530
Ion Ratio Lower Upper
62 100
64 31.0 26.0 39.0





#5

Bromomethane

Concen: 51.351 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

Instrument :

MSVOA_X

ClientSampleId :

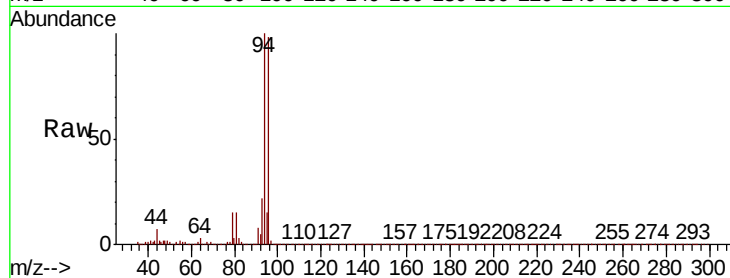
VSTDCCC050

Tot Ion: 94 Resp: 256216

Ion Ratio Lower Upper

94 100

96 98.1 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

250000

200000

150000

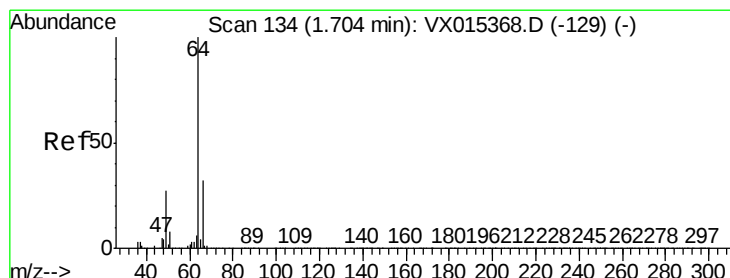
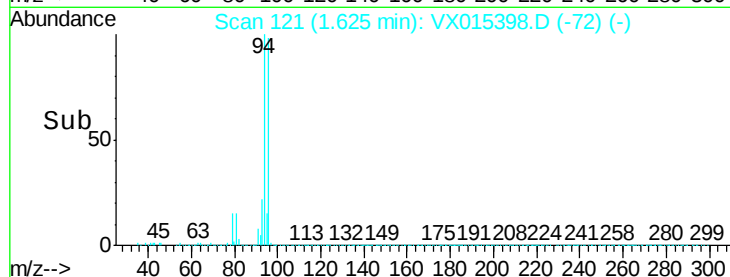
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50000

0

1.55 1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 49.928 ug/l

RT: 1.70 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX015398.D

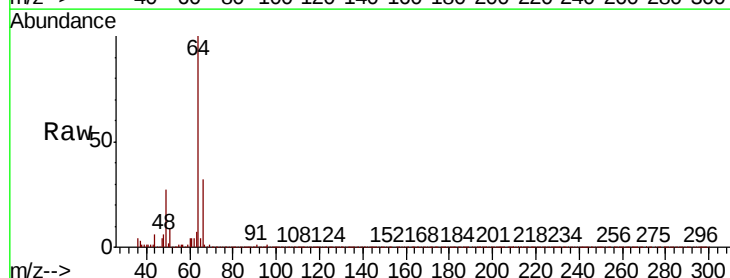
Acq: 27 Mar 2020 22:15

Tgt Ion: 64 Resp: 336610

Ion Ratio Lower Upper

64 100

66 32.9 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

300000

250000

200000

150000

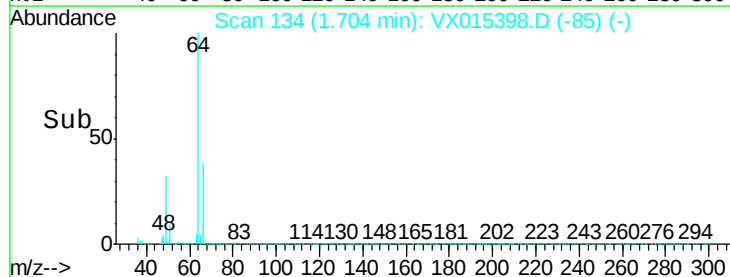
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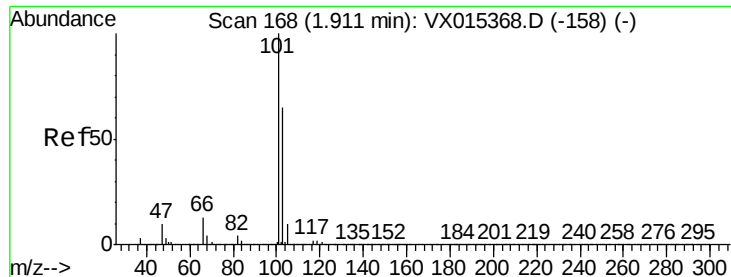
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0

1.65 1.70 1.75 1.80

Time-->



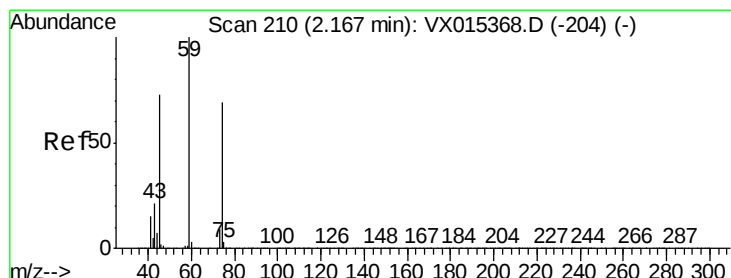
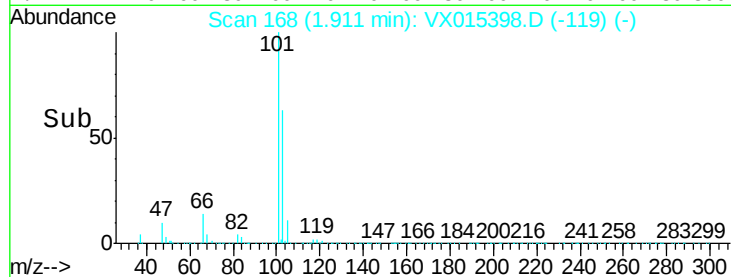
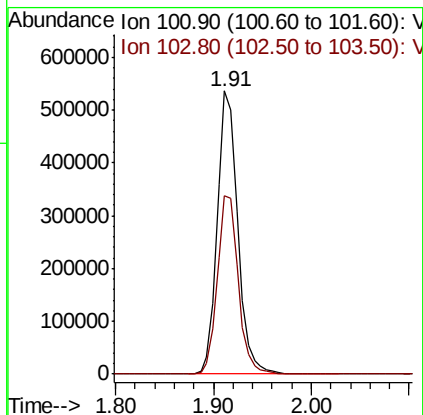
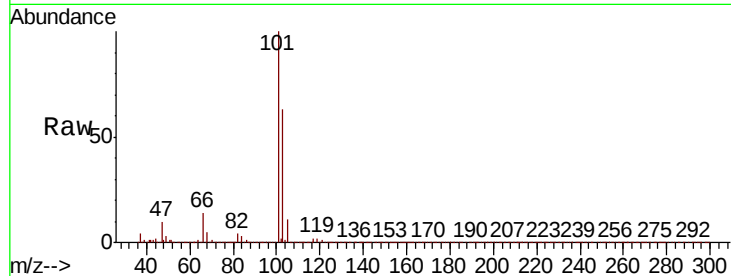


#7

Trichlorofluoromethane
Concen: 53.547 ug/l
RT: 1.91 min Scan# 168
Delta R.T. -0.00 min
Lab File: VX015398.D
Acq: 27 Mar 2020 22:15

Instrument :
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ClientSampleId :
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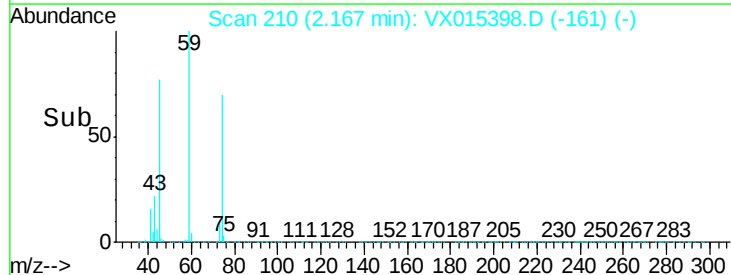
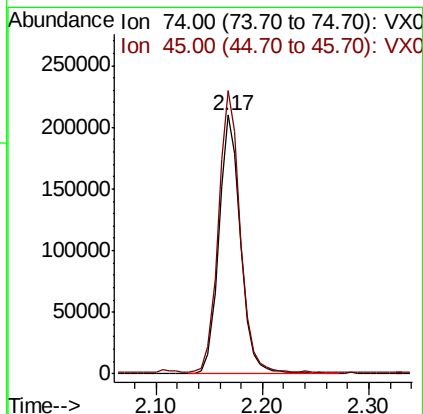
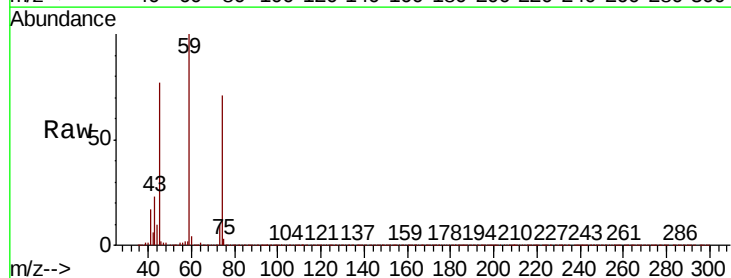
Tot Ion:101 Resp: 780617
Ion Ratio Lower Upper
101 100
103 63.1 52.3 78.5



#8

Diethyl Ether
Concen: 47.751 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX015398.D
Acq: 27 Mar 2020 22:15

Tgt Ion: 74 Resp: 293617
Ion Ratio Lower Upper
74 100
45 108.7 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.072 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.00 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

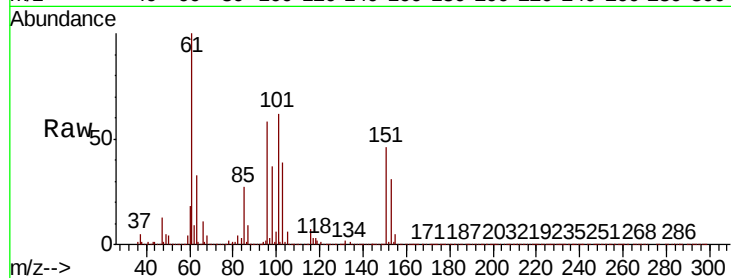
Tot Ion:101 Resp: 504371

Ion Ratio Lower Upper

101 100

85 44.6 35.0 52.4

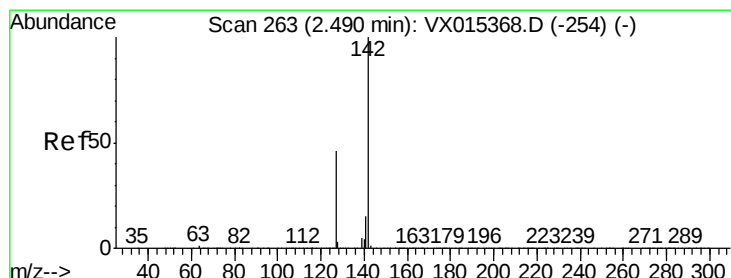
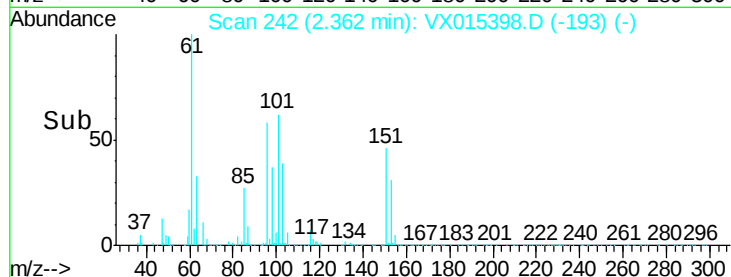
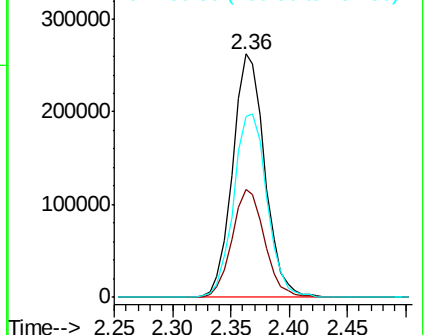
151 78.8 64.1 96.1



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: 43.149 ug/l

RT: 2.49 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

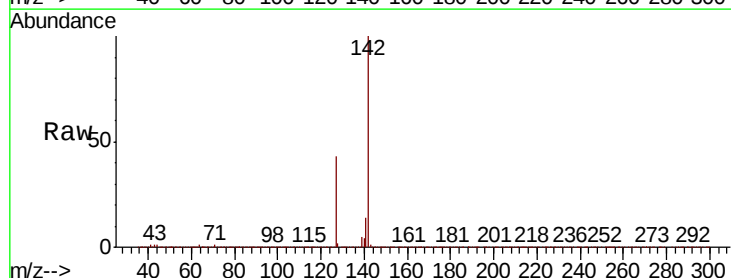
Tgt Ion:142 Resp: 552872

Ion Ratio Lower Upper

142 100

127 44.8 35.9 53.9

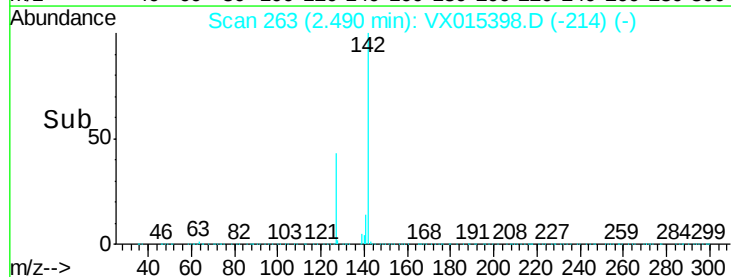
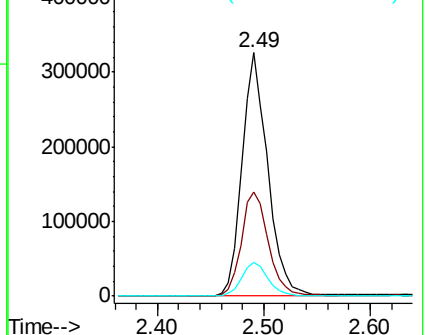
141 14.4 11.6 17.4

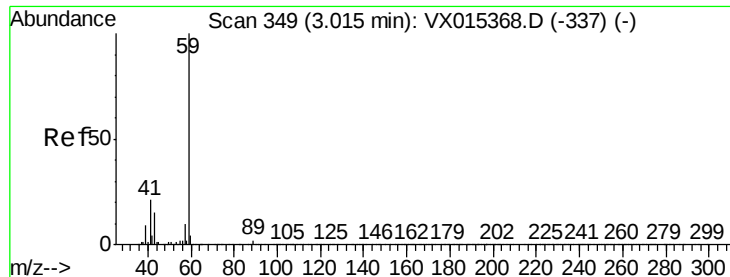


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



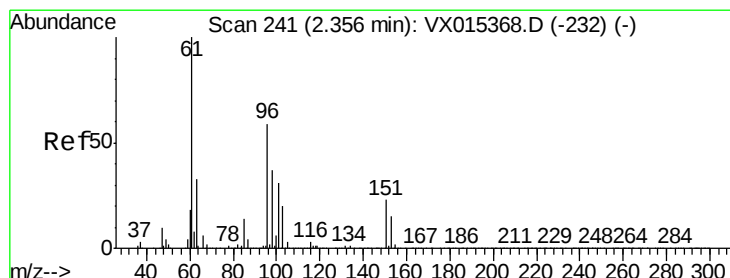
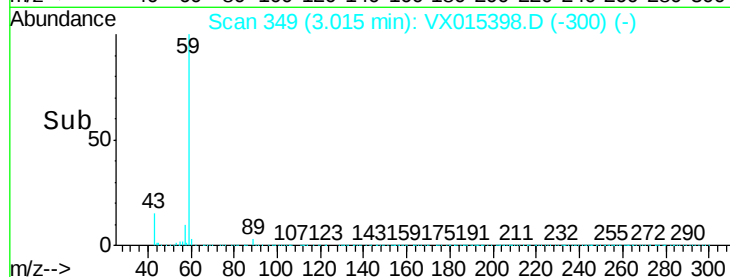
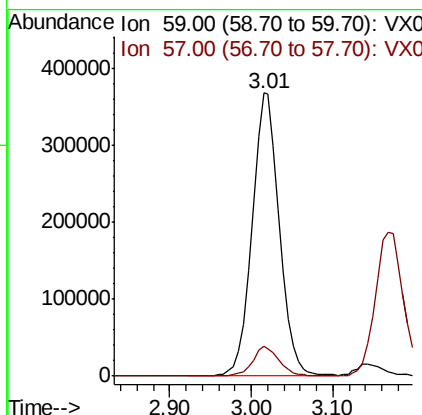
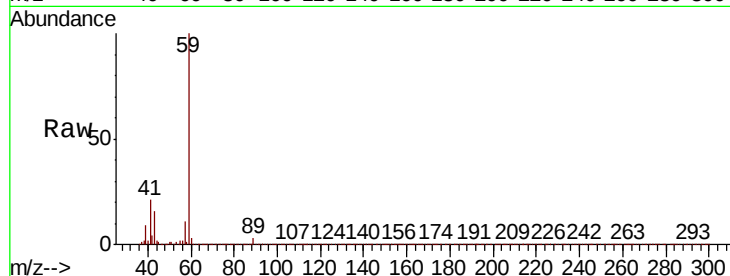


#11

Tert butyl alcohol
Concen: 240.986 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.00 min
Lab File: VX015398.D
Acq: 27 Mar 2020 22:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

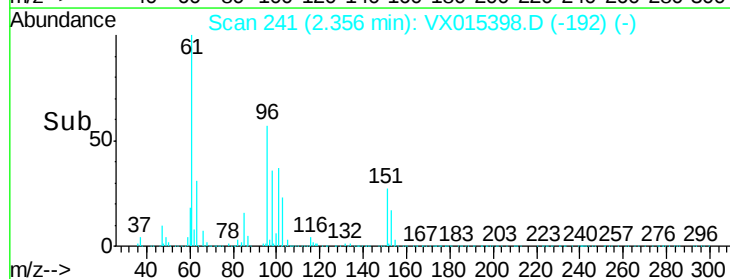
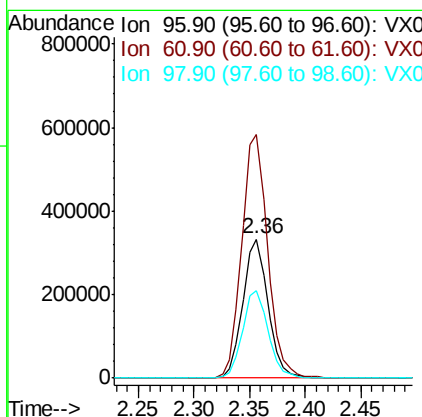
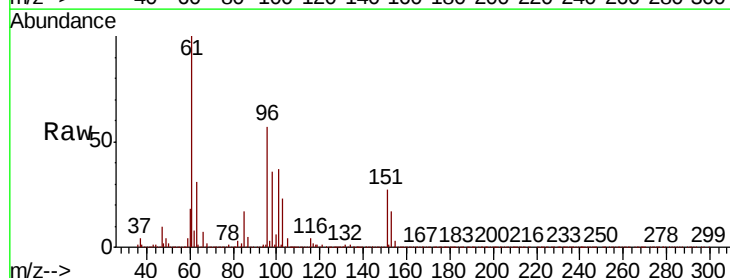
Tot Ion: 59 Resp: 858407
Ion Ratio Lower Upper
59 100
57 10.1 8.1 12.1



#12

1,1-Dichloroethene
Concen: 52.181 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.00 min
Lab File: VX015398.D
Acq: 27 Mar 2020 22:15

Tgt Ion: 96 Resp: 519817
Ion Ratio Lower Upper
96 100
61 175.5 135.7 203.5
98 63.1 50.6 75.8

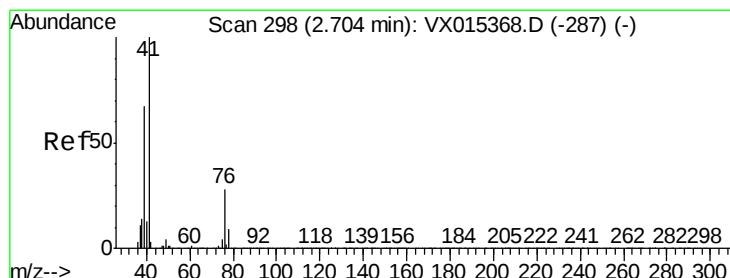
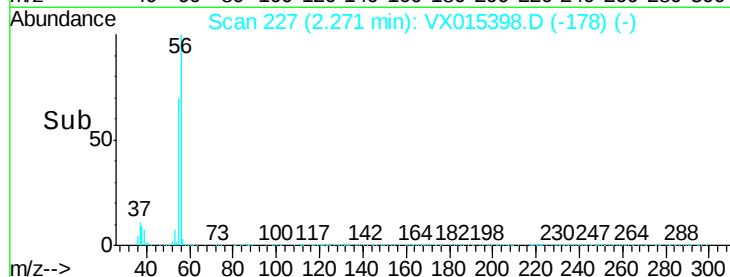
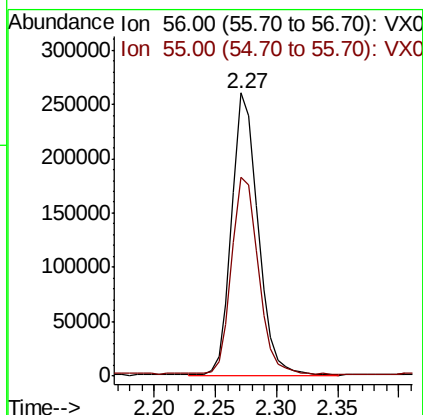
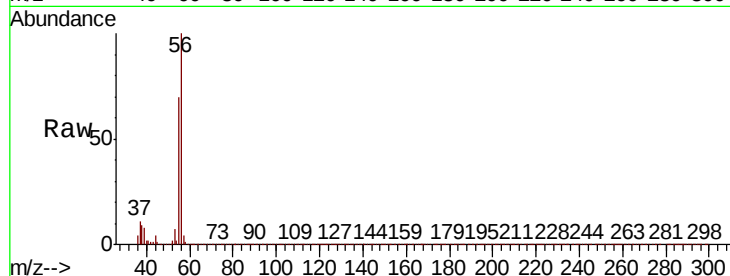




#13
Acrolein
Concen: 189.968 ug/l
RT: 2.27 min Scan# 227
Delta R.T. -0.00 min
Lab File: VX015398.D
Acq: 27 Mar 2020 22:15

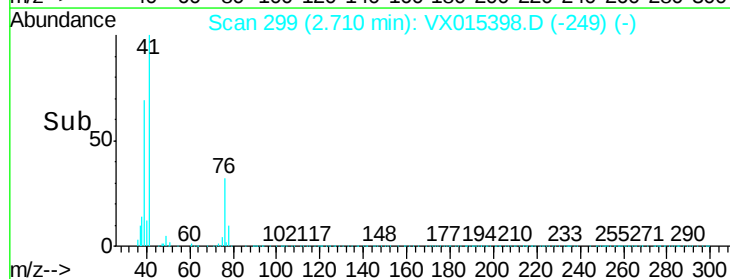
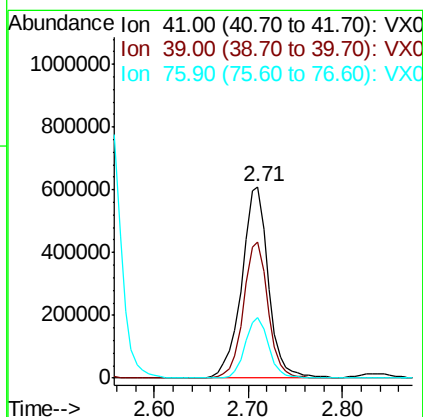
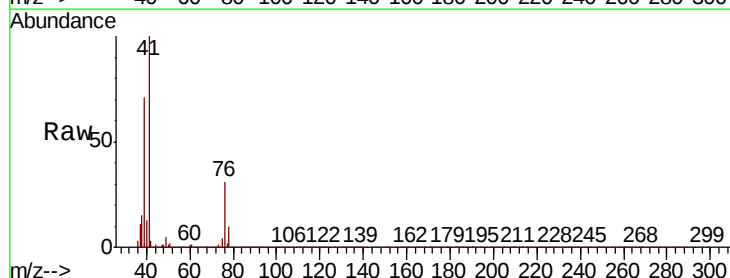
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

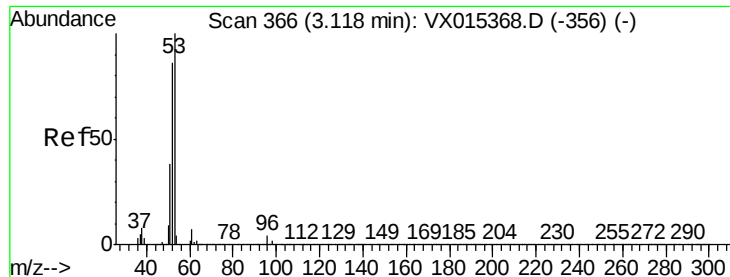
Tot Ion: 56 Resp: 385466
Ion Ratio Lower Upper
56 100
55 72.5 57.0 85.4



#14
Allyl chloride
Concen: 51.470 ug/l
RT: 2.71 min Scan# 299
Delta R.T. 0.01 min
Lab File: VX015398.D
Acq: 27 Mar 2020 22:15

Tgt Ion: 41 Resp: 1198053
Ion Ratio Lower Upper
41 100
39 65.6 51.4 77.0
76 28.2 21.8 32.8





#15

Acrylonitrile

Concen: 251.058 ug/l

RT: 3.12 min Scan# 366

Delta R.T. -0.00 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

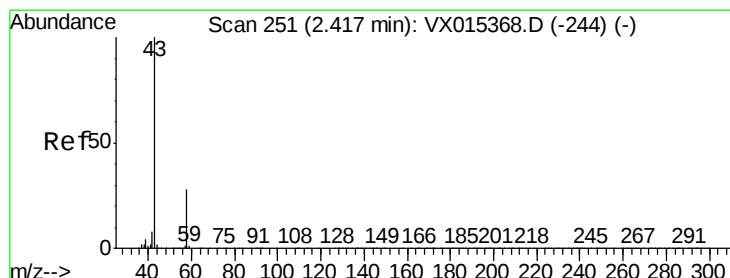
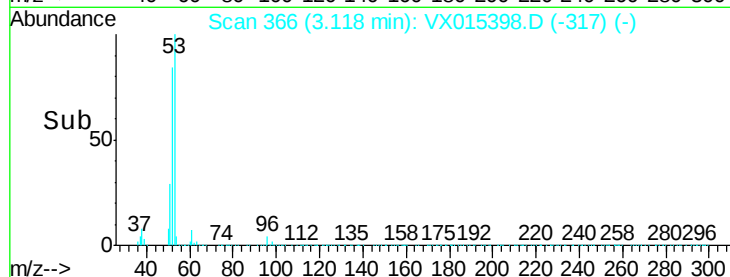
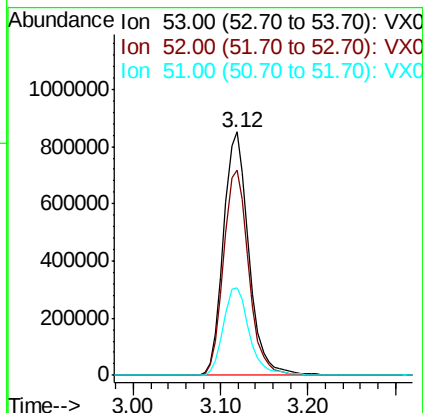
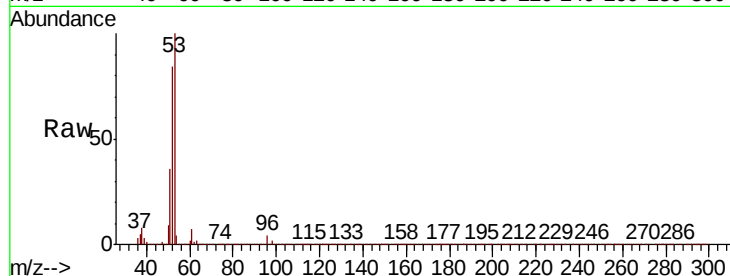
Tot Ion: 53 Resp: 1705465

Ion Ratio Lower Upper

53 100

52 84.3 66.8 100.2

51 37.1 29.5 44.3



#16

Acetone

Concen: 246.863 ug/l

RT: 2.42 min Scan# 252

Delta R.T. 0.01 min

Lab File: VX015398.D

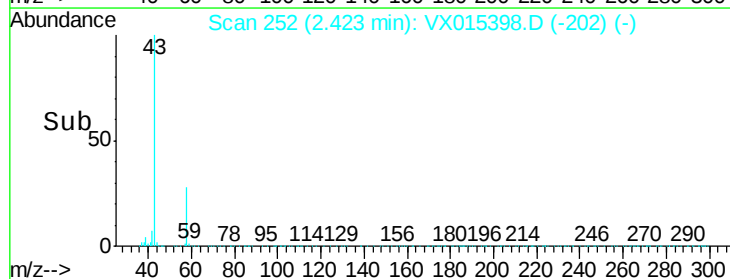
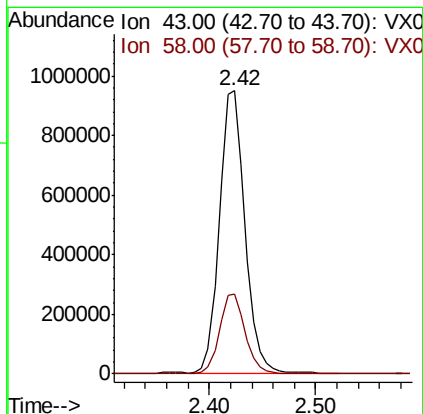
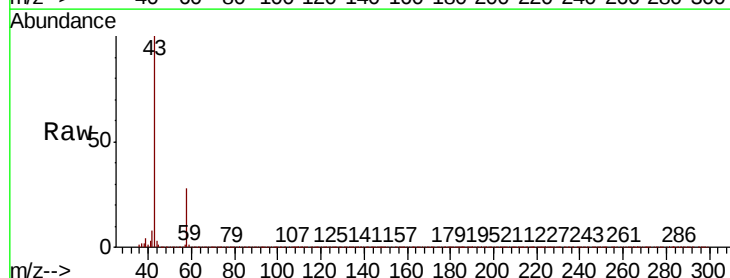
Acq: 27 Mar 2020 22:15

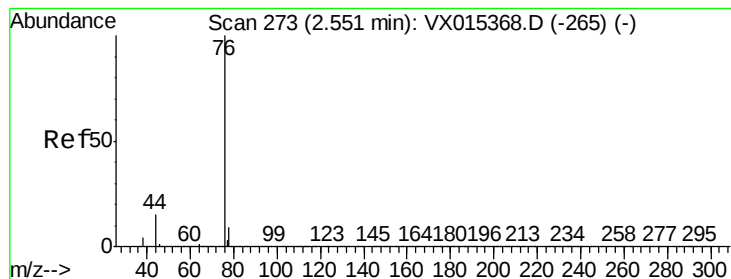
Tgt Ion: 43 Resp: 1578347

Ion Ratio Lower Upper

43 100

58 28.4 22.1 33.1





#17

Carbon Disulfide

Concen: 51.298 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

Instrument :

MSVOA_X

ClientSampleId :

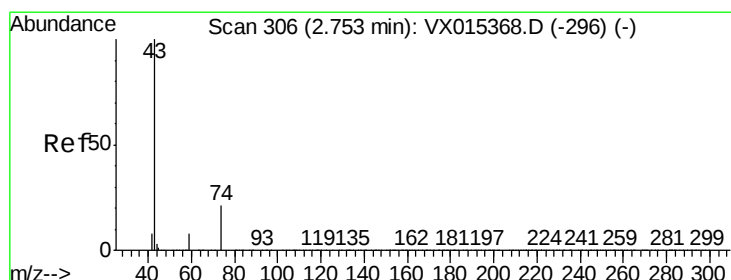
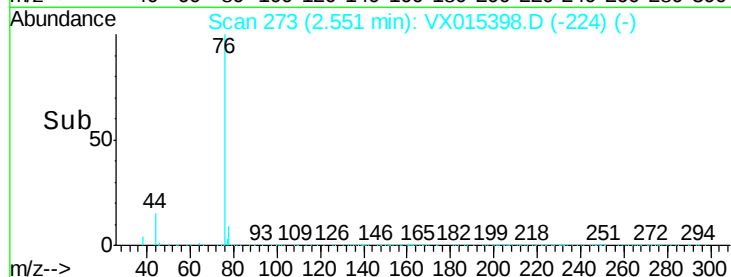
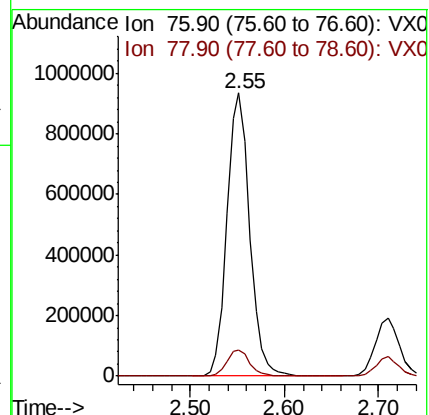
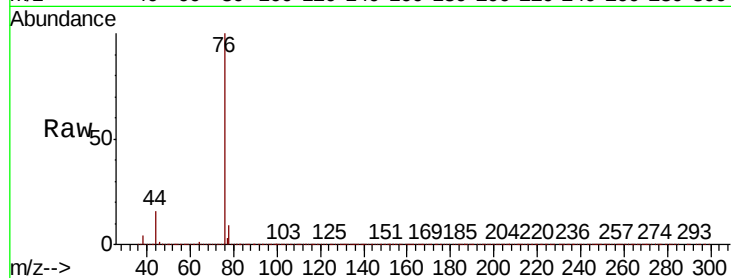
VSTDCCC050

Tot Ion: 76 Resp: 1558904

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7



#18

Methyl Acetate

Concen: 50.147 ug/l

RT: 2.75 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX015398.D

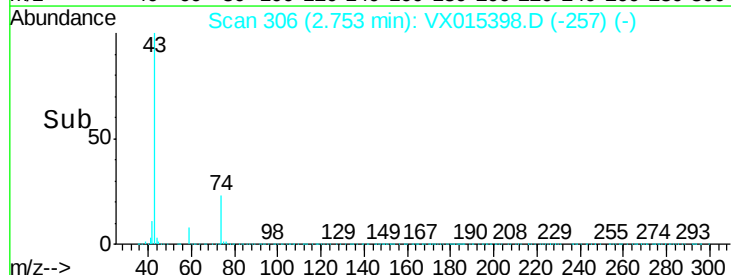
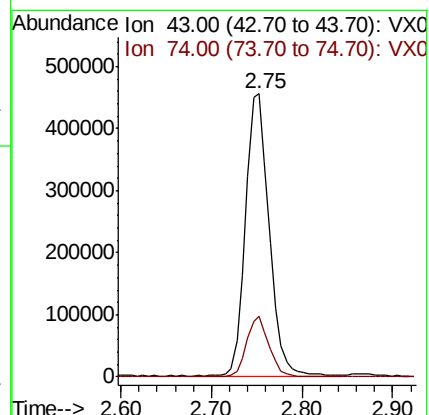
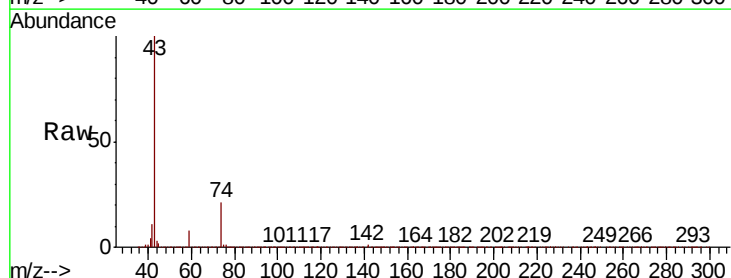
Acq: 27 Mar 2020 22:15

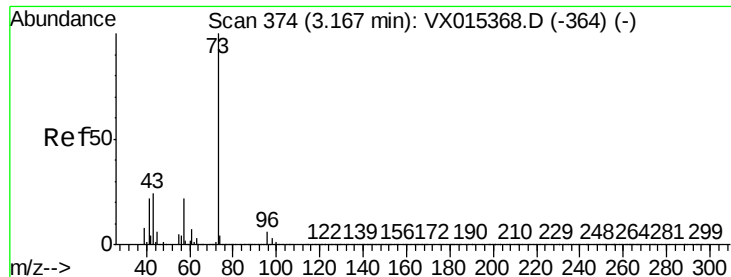
Tgt Ion: 43 Resp: 818320

Ion Ratio Lower Upper

43 100

74 20.7 16.5 24.7

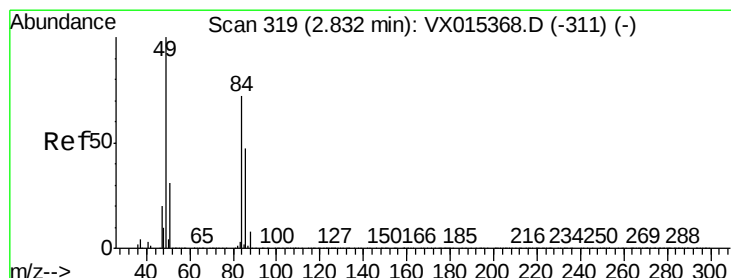
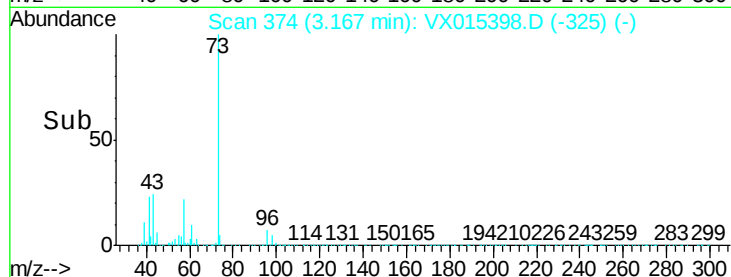
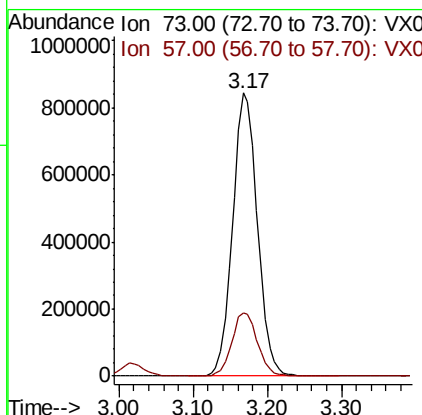
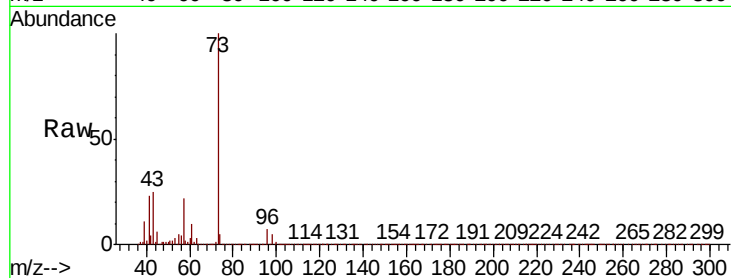




#19
Methyl tert-butyl Ether
Concen: 50.845 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX015398.D
Acq: 27 Mar 2020 22:15

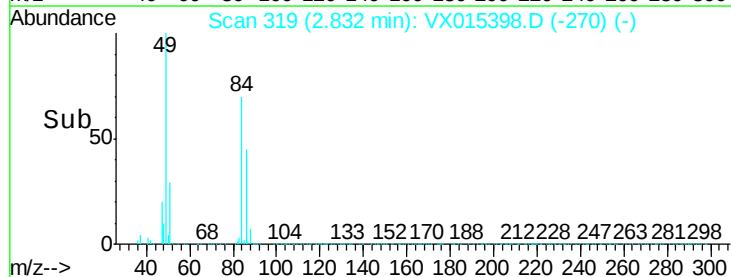
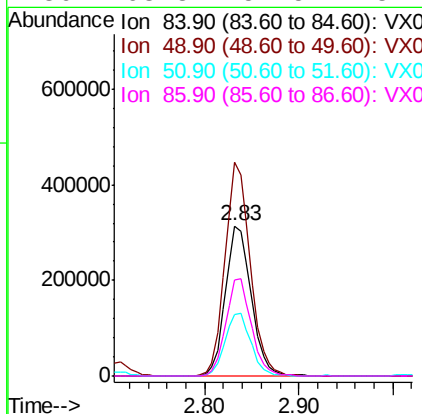
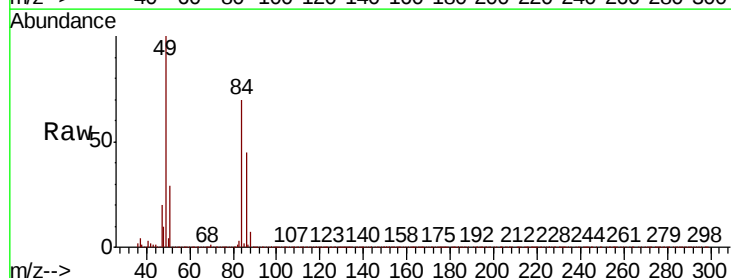
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

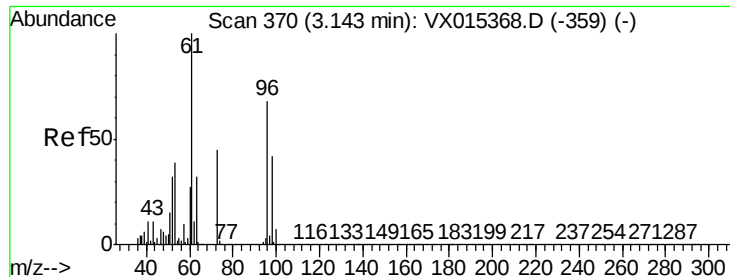
Tot Ion: 73 Resp: 1964431
Ion Ratio Lower Upper
73 100
57 22.2 17.9 26.9



#20
Methylene Chloride
Concen: 49.741 ug/l
RT: 2.83 min Scan# 319
Delta R.T. -0.00 min
Lab File: VX015398.D
Acq: 27 Mar 2020 22:15

Tgt Ion: 84 Resp: 594022
Ion Ratio Lower Upper
84 100
49 142.5 111.3 166.9
51 40.9 34.0 51.0
86 63.8 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 51.070 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.00 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

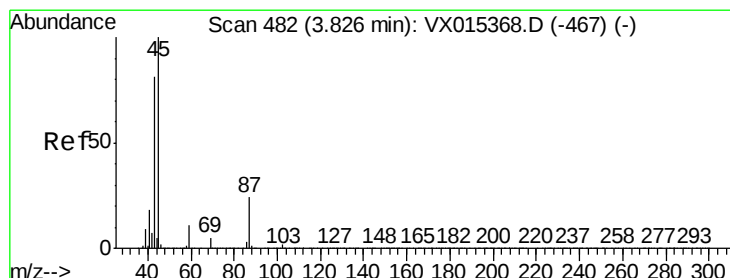
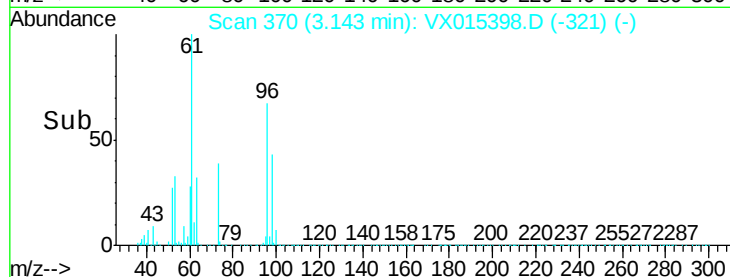
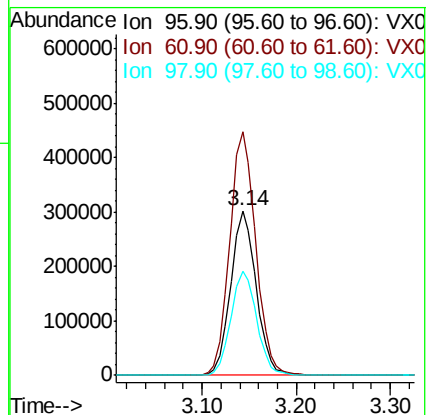
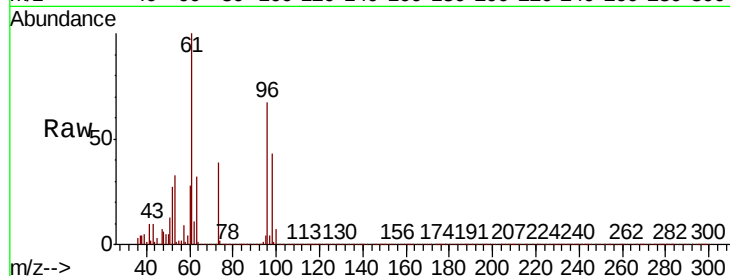
Tot Ion: 96 Resp: 564620

Ion Ratio Lower Upper

96 100

61 148.2 116.9 175.3

98 63.0 48.6 73.0



#22

Diisopropyl ether

Concen: 52.533 ug/l

RT: 3.83 min Scan# 482

Delta R.T. -0.00 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

Tgt Ion: 45 Resp: 2166772

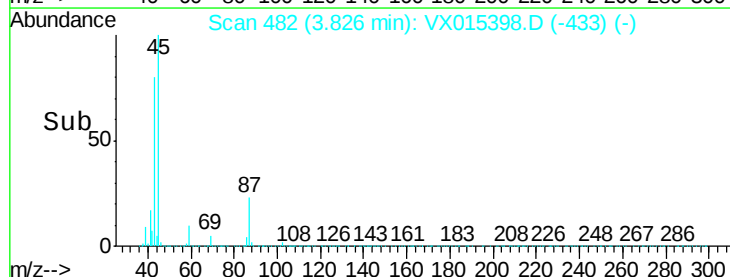
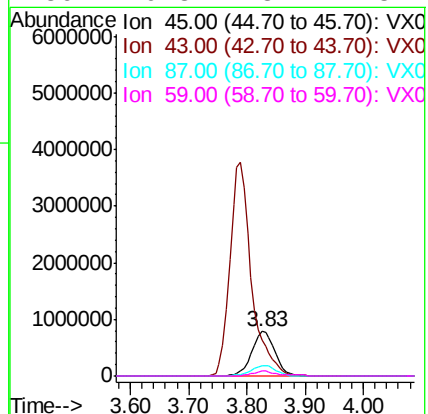
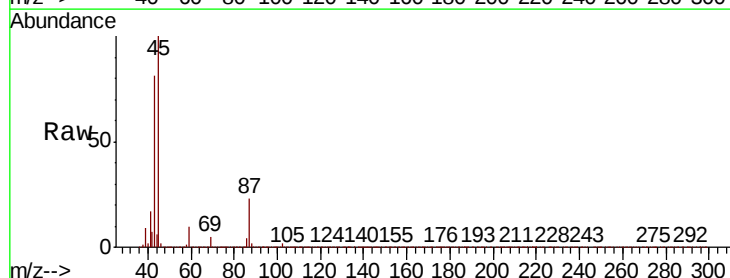
Ion Ratio Lower Upper

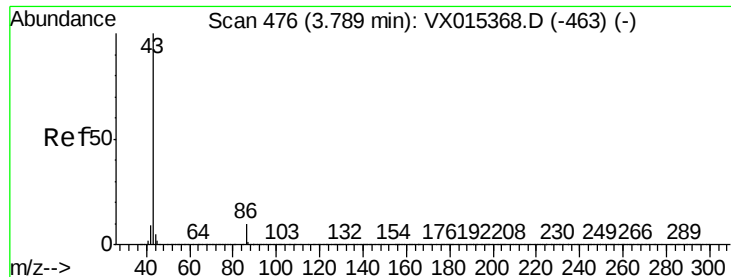
45 100

43 80.4 64.7 97.1

87 23.3 19.4 29.0

59 10.3 8.7 13.1





#23

Vinyl Acetate

Concen: 260.284 ug/l

RT: 3.79 min Scan# 476

Delta R.T. -0.00 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

Instrument :

MSVOA_X

ClientSampleId :

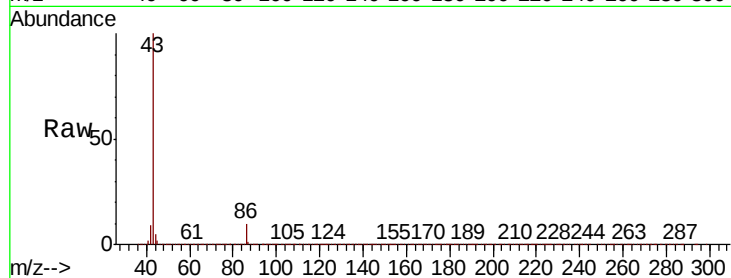
VSTDCCC050

Tot Ion: 43 Resp: 9720133

Ion Ratio Lower Upper

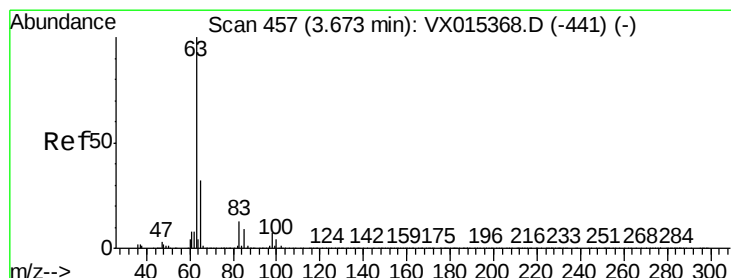
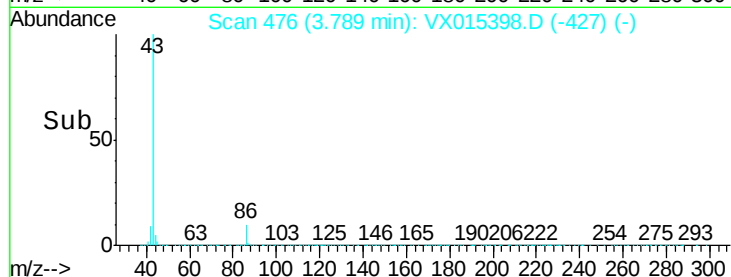
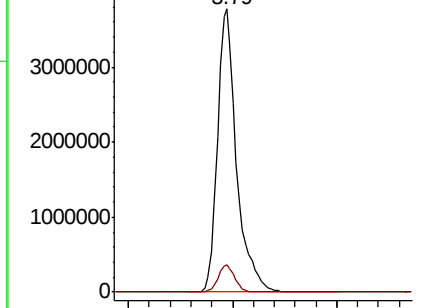
43 100

86 9.8 7.8 11.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 51.196 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.00 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

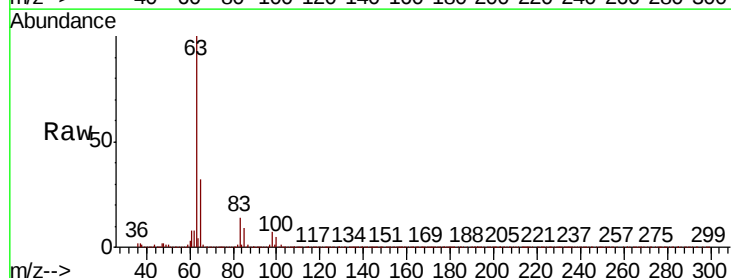
Tgt Ion: 63 Resp: 1111798

Ion Ratio Lower Upper

63 100

98 6.8 3.3 9.8

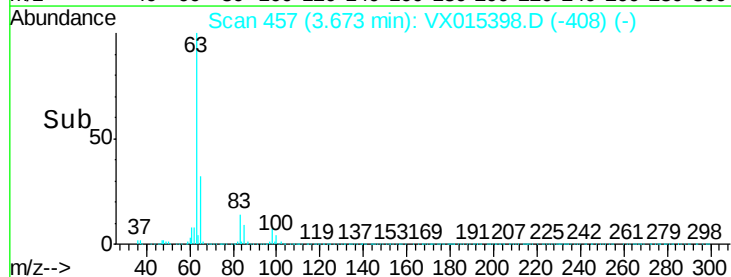
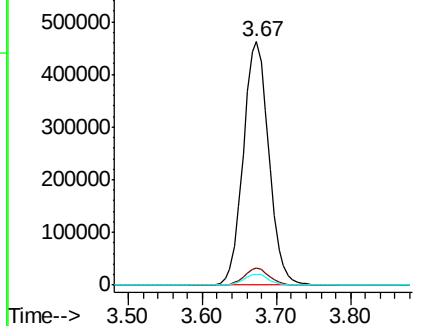
100 4.5 2.1 6.5

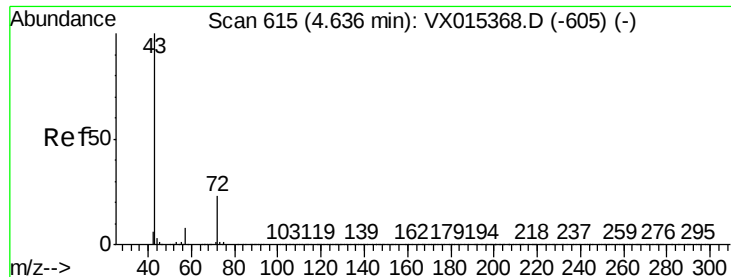


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 248.175 ug/l

RT: 4.64 min Scan# 615

Delta R.T. -0.00 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

Instrument :

MSVOA_X

ClientSampleId :

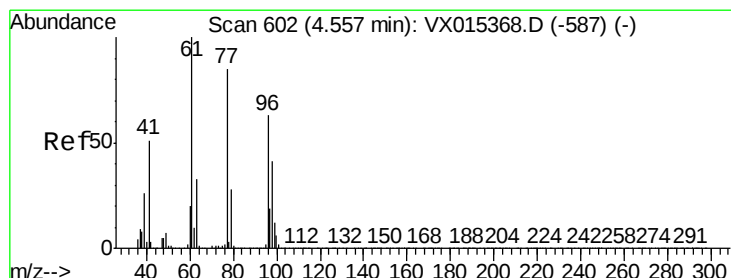
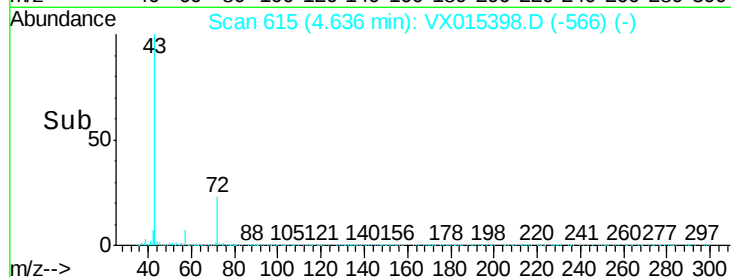
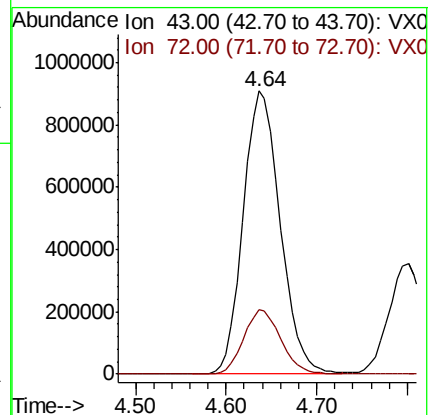
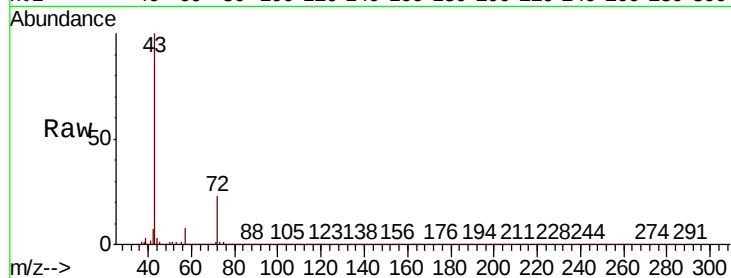
VSTDCCC050

Tot Ion: 43 Resp: 2551800

Ion Ratio Lower Upper

43 100

72 22.9 19.0 28.4



#26

2,2-Dichloropropane

Concen: 48.286 ug/l

RT: 4.56 min Scan# 602

Delta R.T. -0.00 min

Lab File: VX015398.D

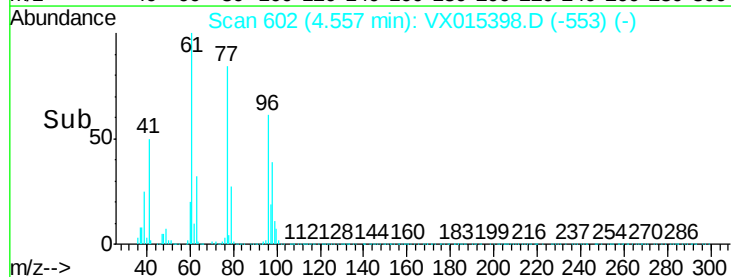
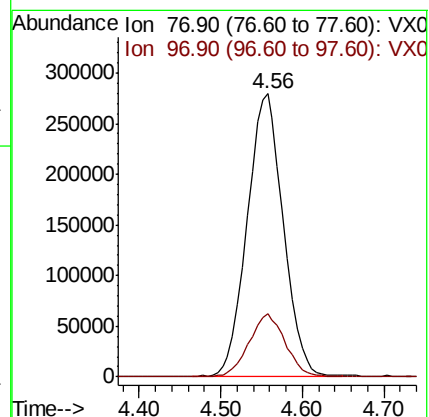
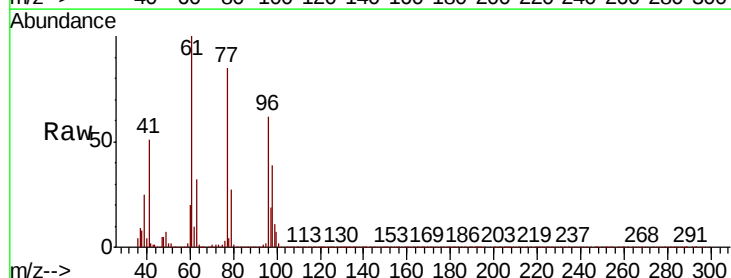
Acq: 27 Mar 2020 22:15

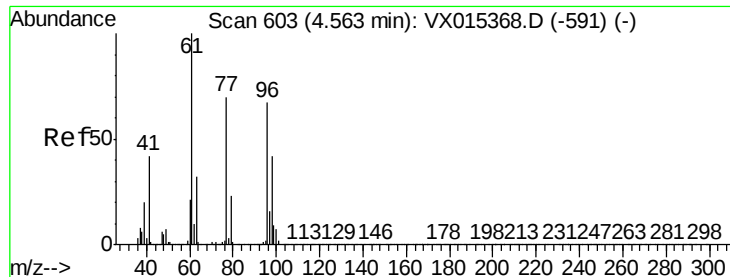
Tgt Ion: 77 Resp: 860718

Ion Ratio Lower Upper

77 100

97 22.1 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 50.837 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.01 min

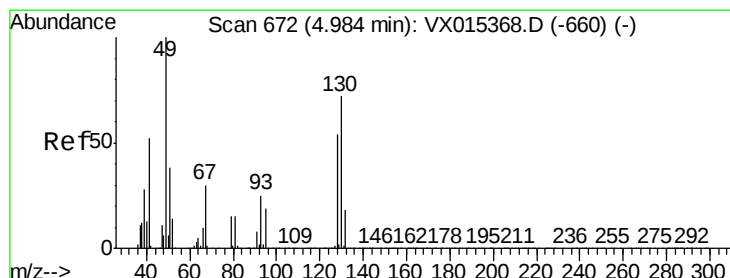
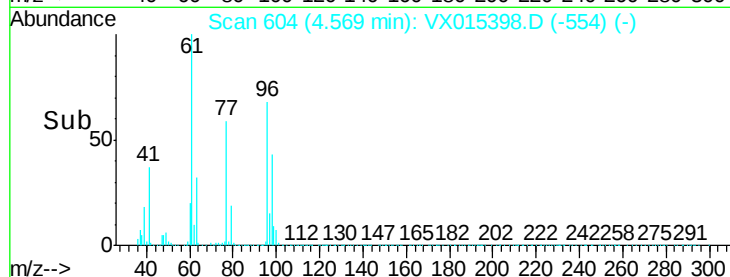
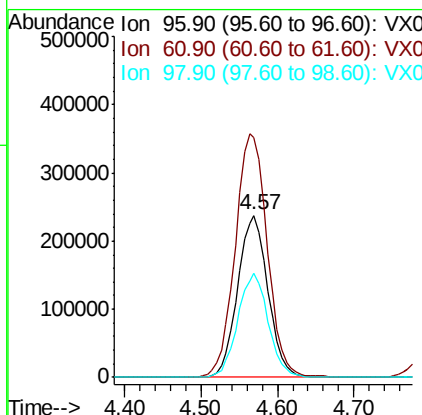
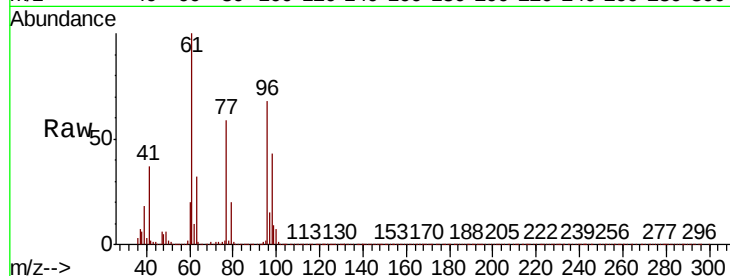
Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 650256

Ion	Ratio	Lower	Upper
96	100		
61	158.9	0.0	308.4
98	64.5	0.0	129.2



#28

Bromochloromethane

Concen: 49.868 ug/l

RT: 4.98 min Scan# 672

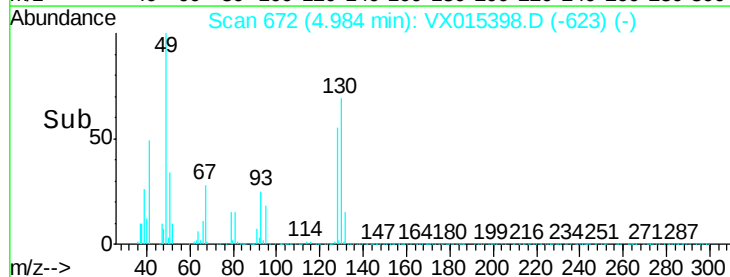
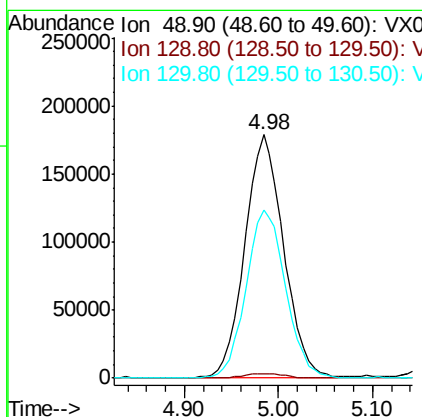
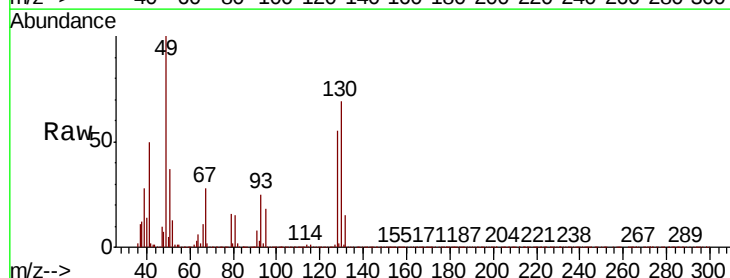
Delta R.T. -0.00 min

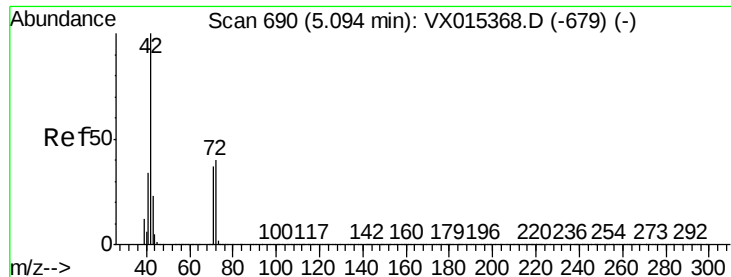
Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

Tgt Ion: 49 Resp: 517064

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.4
130	70.3	57.7	86.5





#29

Tetrahydrofuran

Concen: 250.649 ug/l

RT: 5.09 min Scan# 690

Delta R.T. -0.00 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

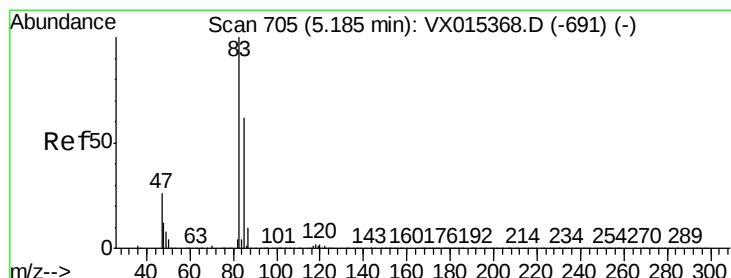
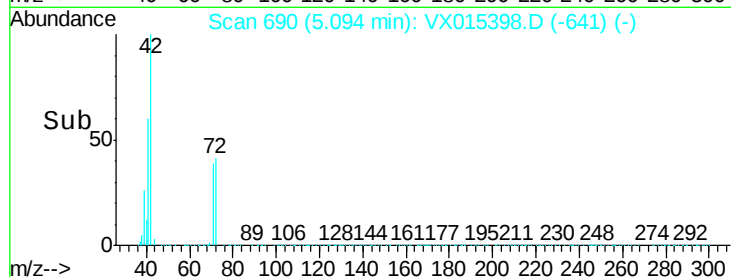
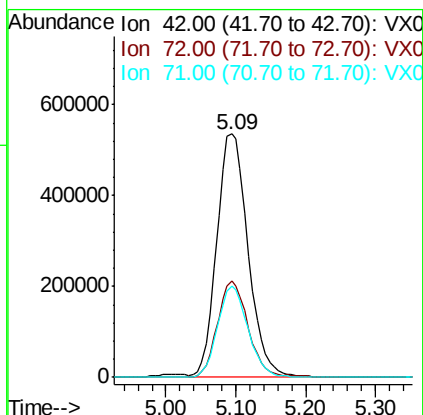
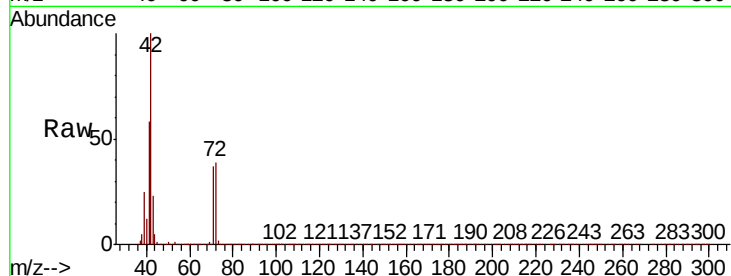
Tot Ion: 42 Resp: 1656841

Ion Ratio Lower Upper

42 100

72 38.9 31.7 47.5

71 36.4 29.6 44.4



#30

Chloroform

Concen: 51.125 ug/l

RT: 5.18 min Scan# 704

Delta R.T. -0.01 min

Lab File: VX015398.D

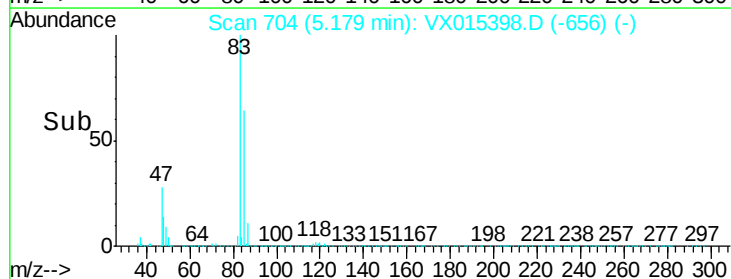
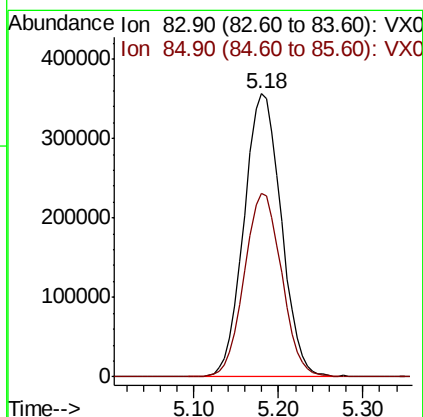
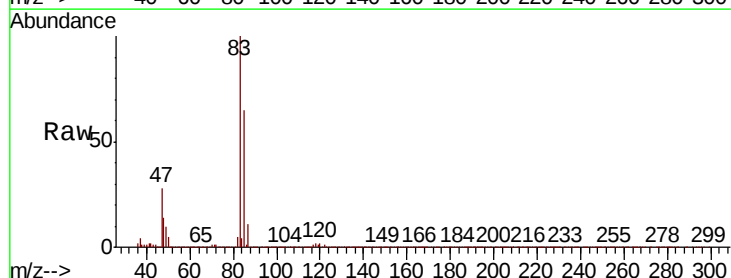
Acq: 27 Mar 2020 22:15

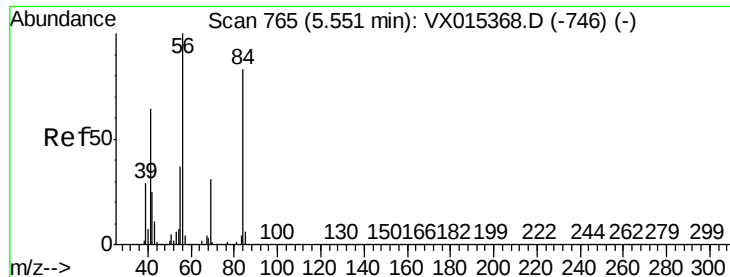
Tgt Ion: 83 Resp: 1068173

Ion Ratio Lower Upper

83 100

85 64.7 49.5 74.3

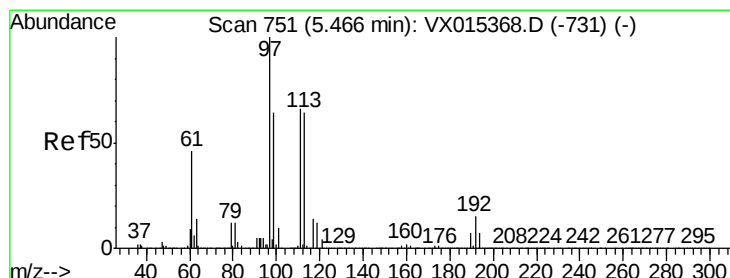
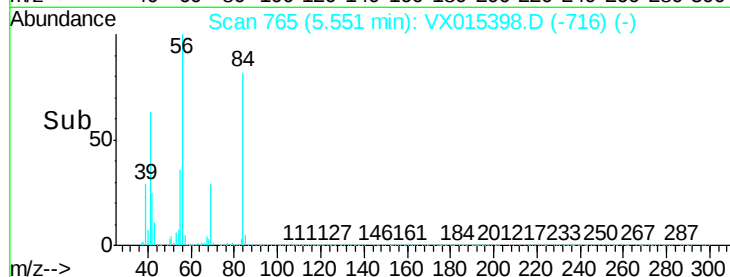
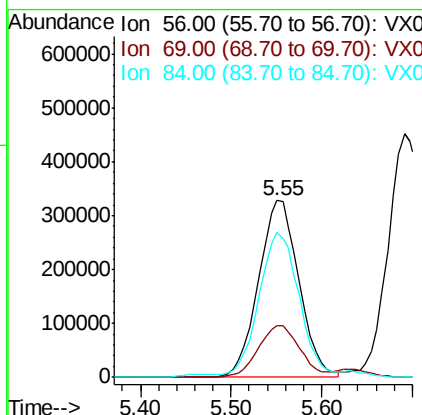
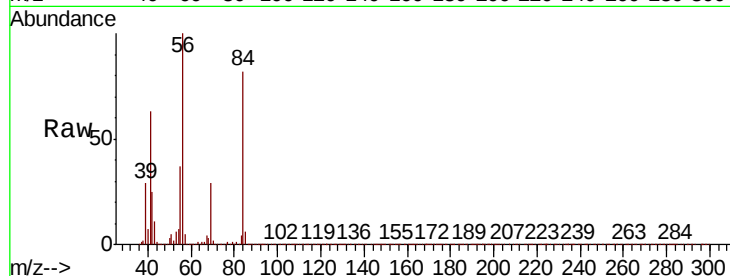




#31
Cyclohexane
Concen: 53.470 ug/l
RT: 5.55 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX015398.D
Acq: 27 Mar 2020 22:15

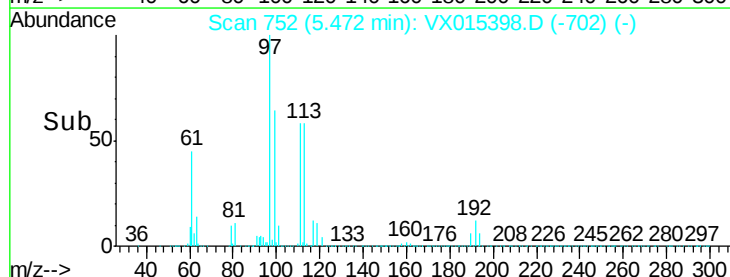
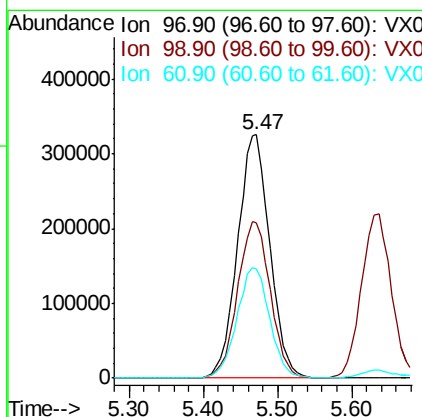
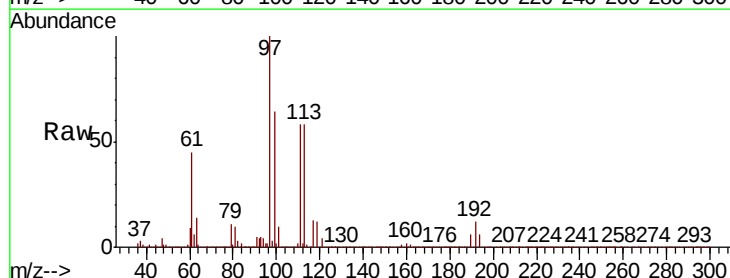
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

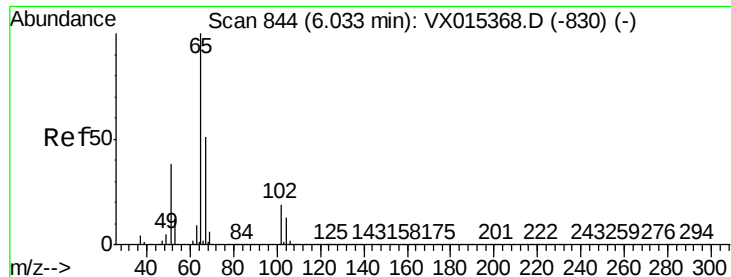
Tot Ion: 56 Resp: 1007319
Ion Ratio Lower Upper
56 100
69 29.4 24.6 36.8
84 81.0 66.1 99.1



#32
1,1,1-Trichloroethane
Concen: 52.032 ug/l
RT: 5.47 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX015398.D
Acq: 27 Mar 2020 22:15

Tgt Ion: 97 Resp: 983836
Ion Ratio Lower Upper
97 100
99 65.3 51.0 76.4
61 46.0 36.1 54.1

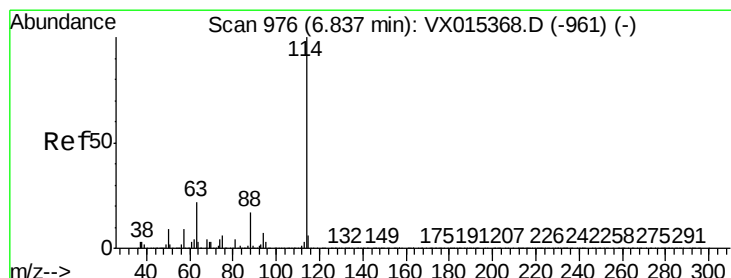
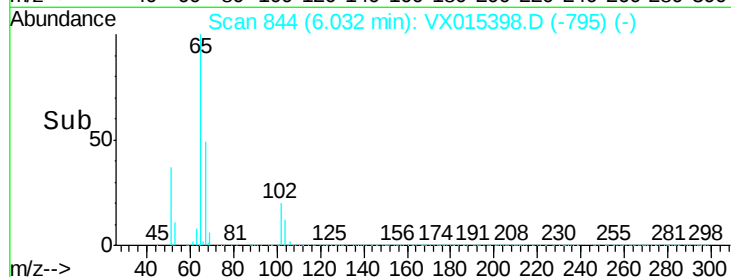
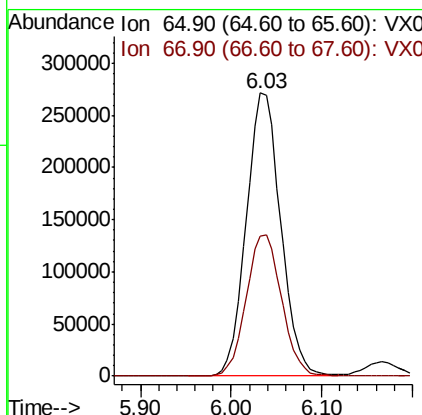
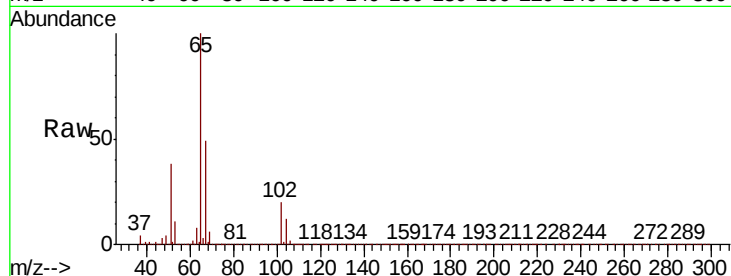




#33
 1,2-Dichloroethane-d4
 Concen: 47.851 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: VX015398.D
 Acq: 27 Mar 2020 22:15

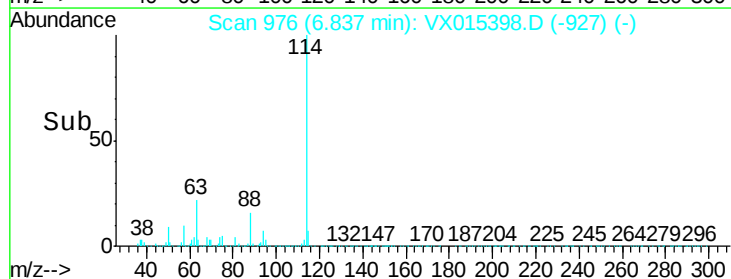
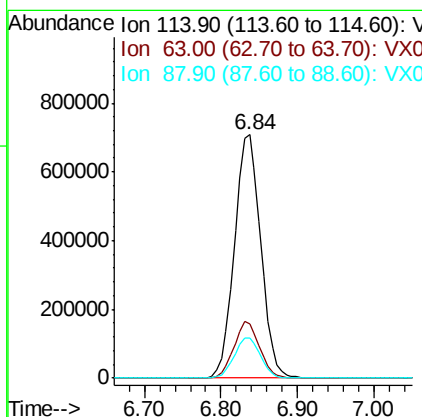
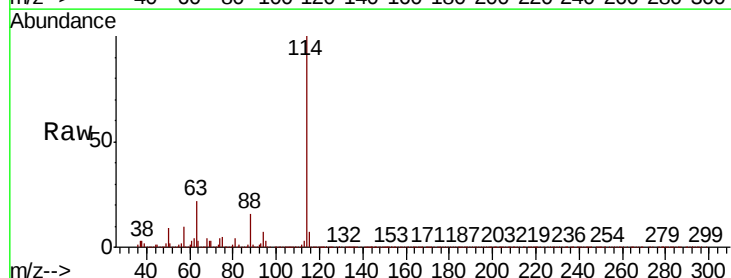
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 65 Resp: 712109
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: VX015398.D
 Acq: 27 Mar 2020 22:15

Tgt Ion: 114 Resp: 1683435
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 44.2
 88 16.4 0.0 33.8

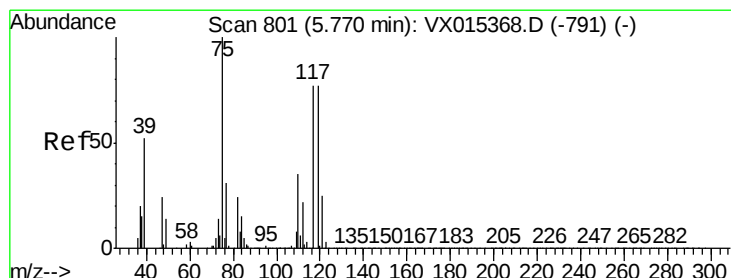
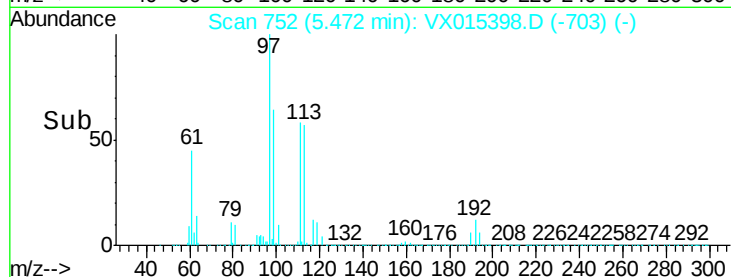
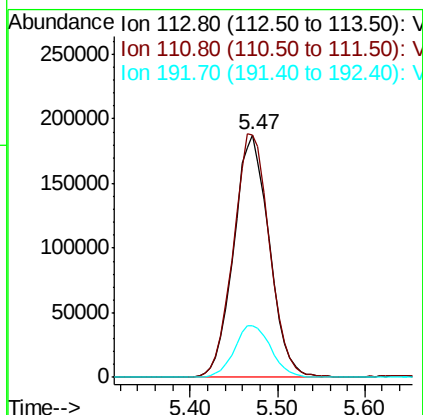
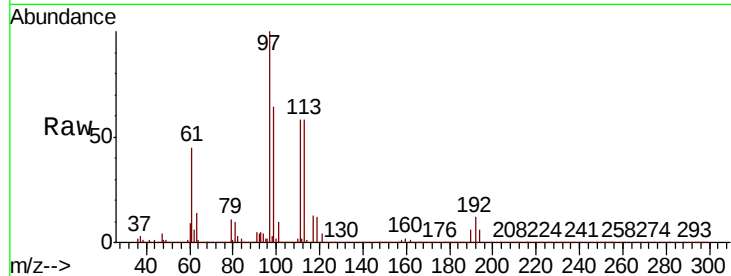




#35
 Dibromofluoromethane
 Concen: 48.940 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: VX015398.D
 Acq: 27 Mar 2020 22:15

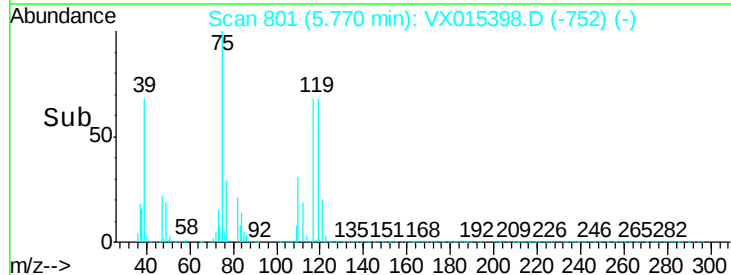
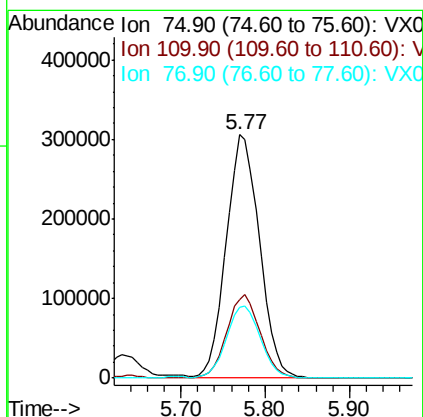
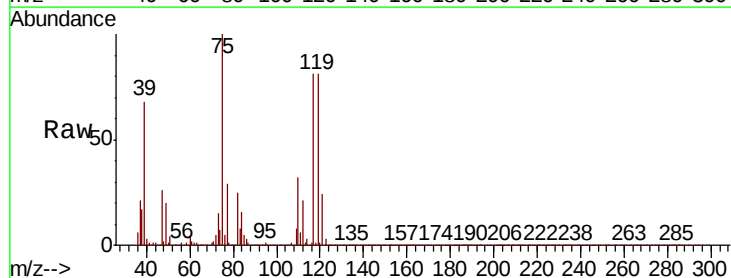
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

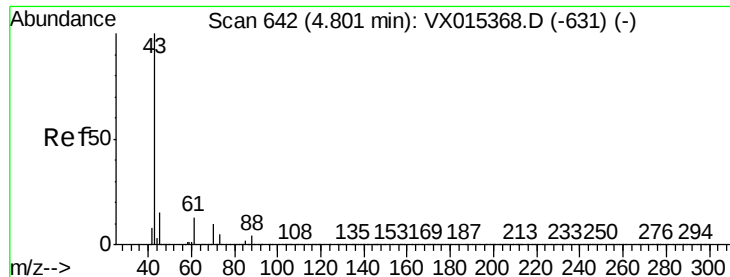
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.5	122.3
192	22.5	17.8	26.6



#36
 1,1-Dichloropropene
 Concen: 52.660 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: VX015398.D
 Acq: 27 Mar 2020 22:15

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.0	17.1	51.3
77	30.3	24.6	36.8

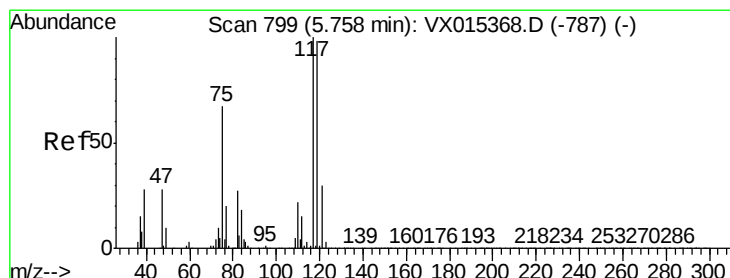
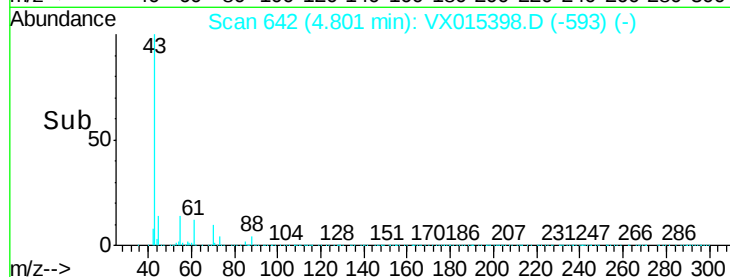
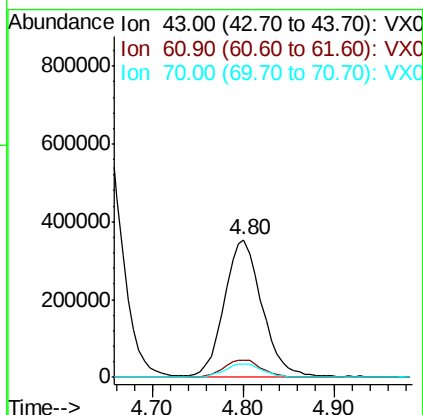
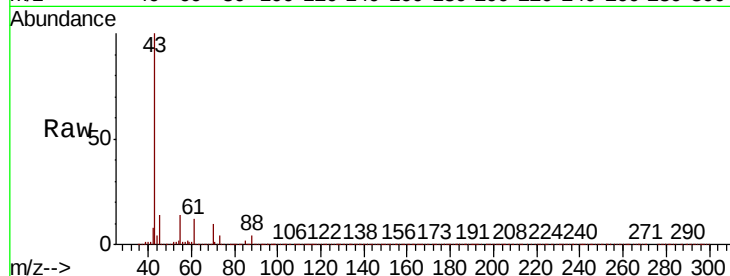




#37
Ethyl Acetate
Concen: 49.857 ug/l
RT: 4.80 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX015398.D
Acq: 27 Mar 2020 22:15

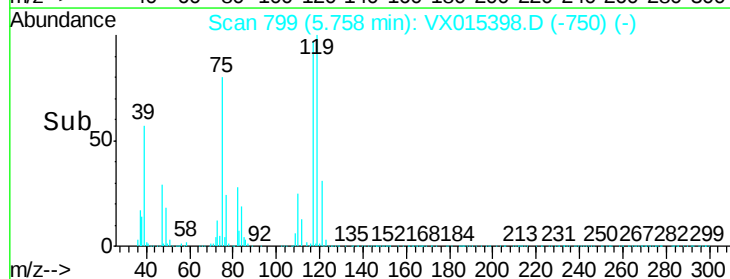
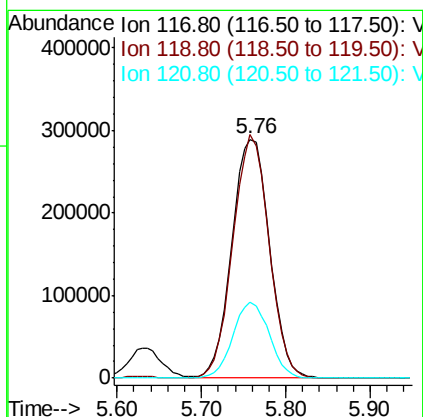
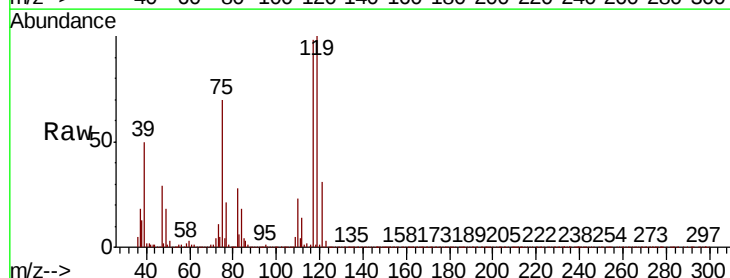
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

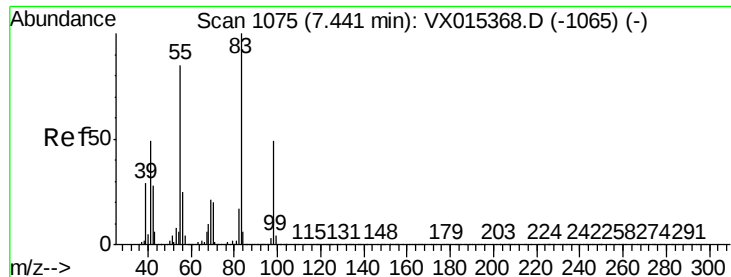
Tot Ion: 43 Resp: 1006939
Ion Ratio Lower Upper
43 100
61 12.6 9.9 14.9
70 9.9 8.1 12.1



#38
Carbon Tetrachloride
Concen: 51.998 ug/l
RT: 5.76 min Scan# 799
Delta R.T. -0.00 min
Lab File: VX015398.D
Acq: 27 Mar 2020 22:15

Tgt Ion: 117 Resp: 873569
Ion Ratio Lower Upper
117 100
119 102.0 78.0 117.0
121 31.8 23.8 35.8

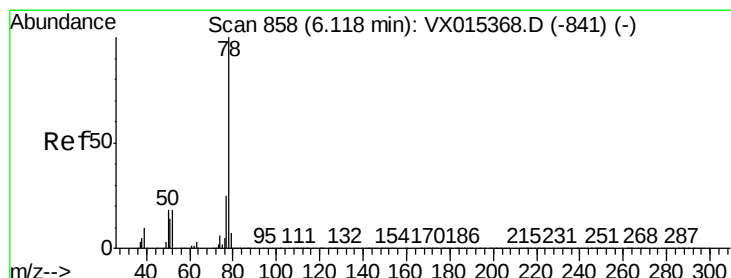
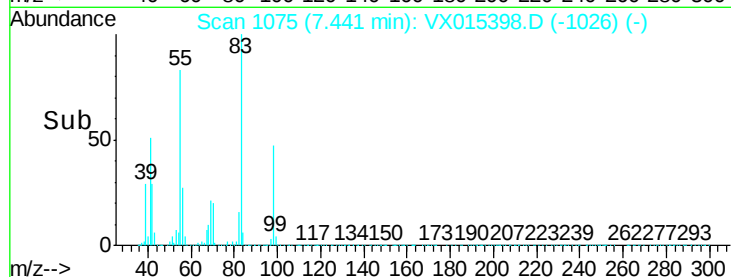
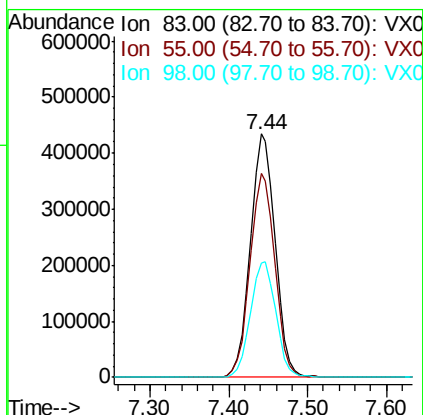
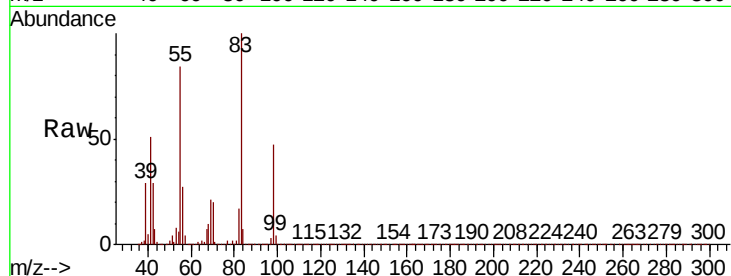




#39
Methvlcvclohexane
Concen: 52.872 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VX015398.D
Acq: 27 Mar 2020 22:15

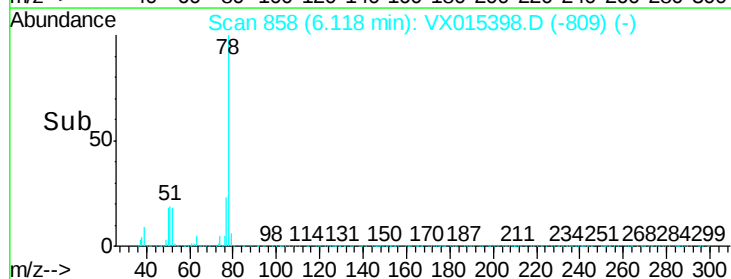
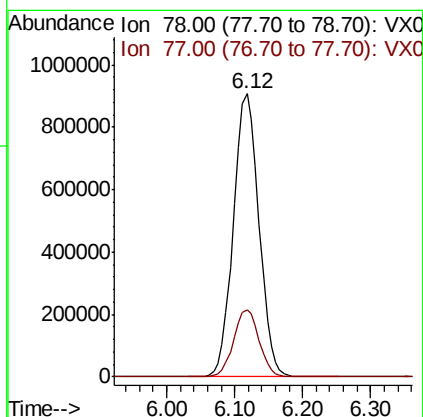
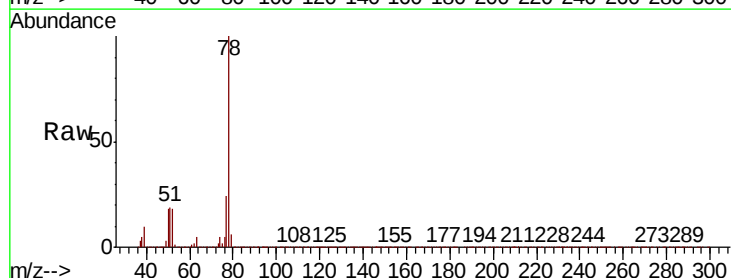
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

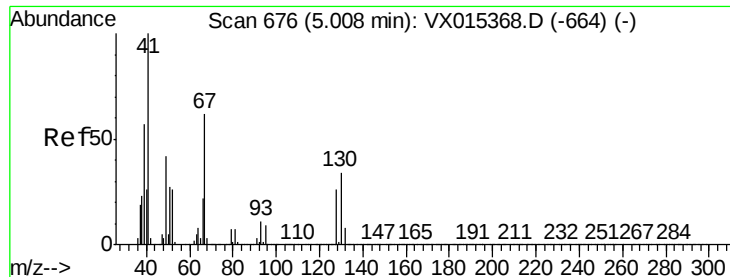
Tot Ion	Ratio	Lower	Upper
83	100		
55	83.4	67.8	101.6
98	47.0	39.3	58.9



#40
Benzene
Concen: 52.199 ug/l
RT: 6.12 min Scan# 858
Delta R.T. -0.00 min
Lab File: VX015398.D
Acq: 27 Mar 2020 22:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.8	29.8

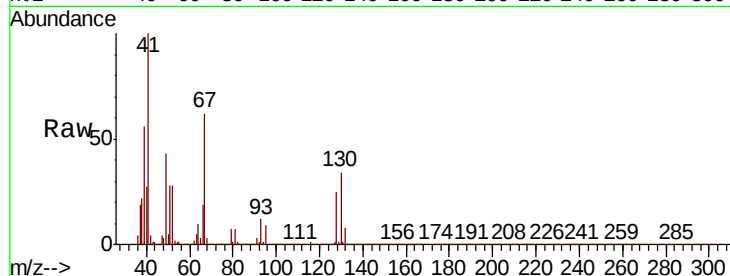




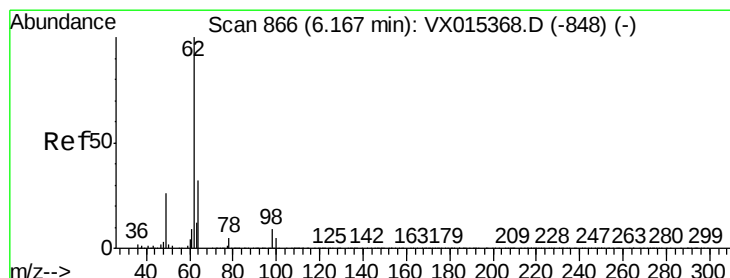
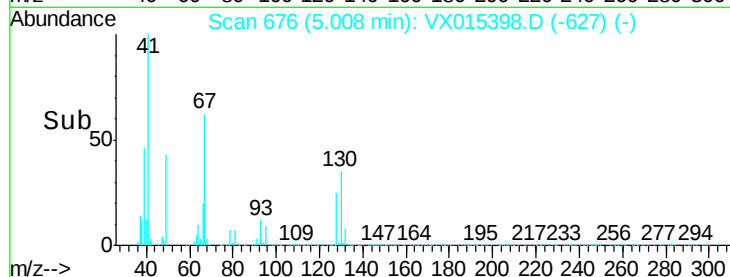
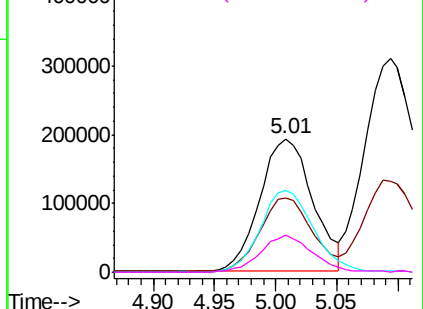
#41
Methacrylonitrile
Concen: 51.781 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.00 min
Lab File: VX015398.D
Acq: 27 Mar 2020 22:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	580537
Ion	Ratio	Lower	Upper
41	100		
39	55.9	44.5	66.7
67	61.7	48.9	73.3
52	27.0	21.8	32.6

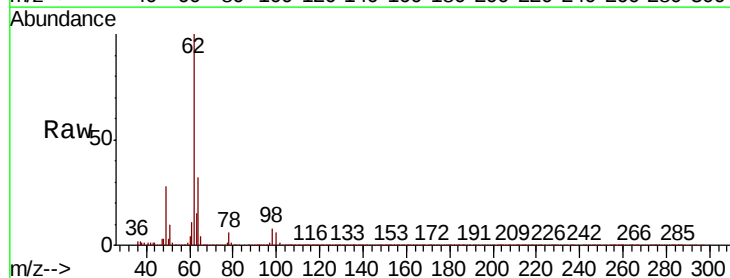


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

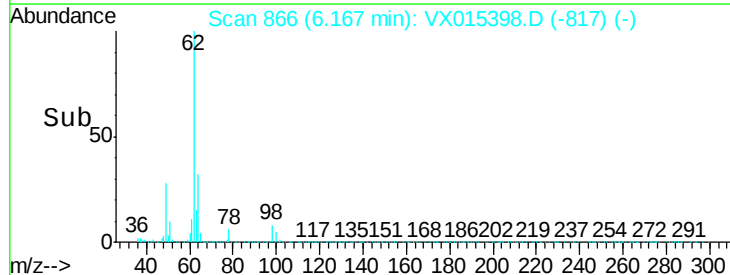
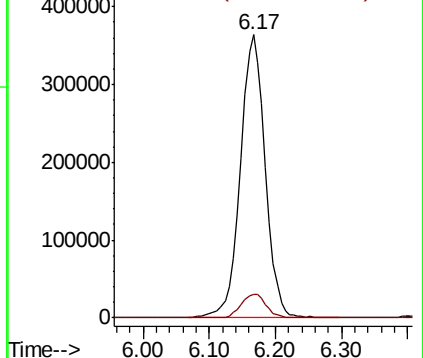


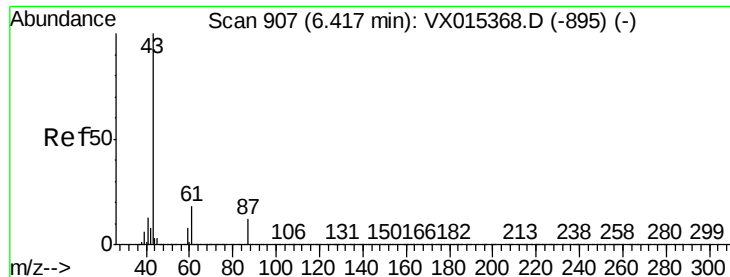
#42
1,2-Dichloroethane
Concen: 51.701 ug/l
RT: 6.17 min Scan# 866
Delta R.T. -0.00 min
Lab File: VX015398.D
Acq: 27 Mar 2020 22:15

Tgt Ion:	62	Resp:	943583
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



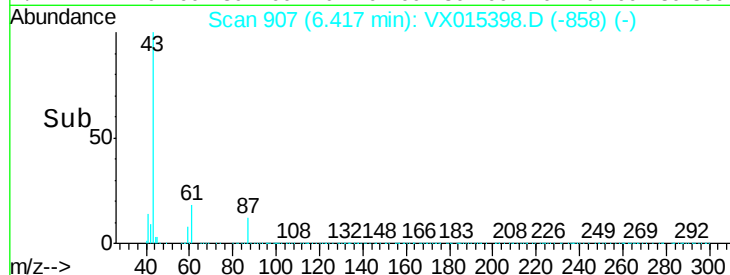
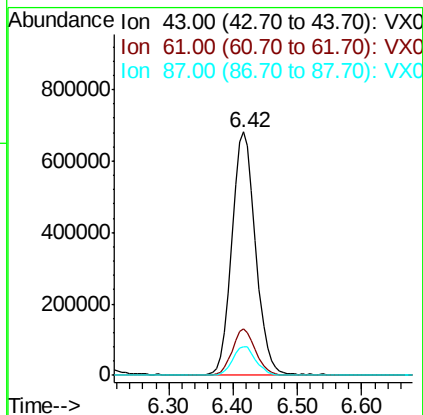
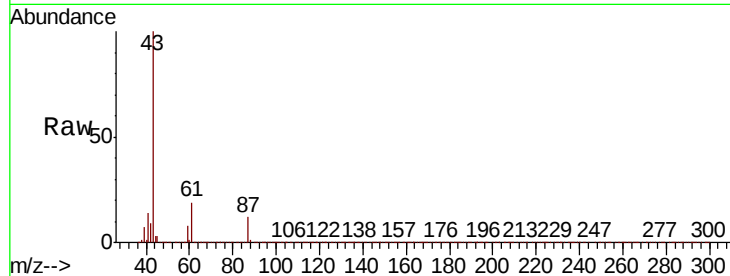


#43

Isopropyl Acetate
 Concen: 51.047 ug/l
 RT: 6.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: VX015398.D
 Acq: 27 Mar 2020 22:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

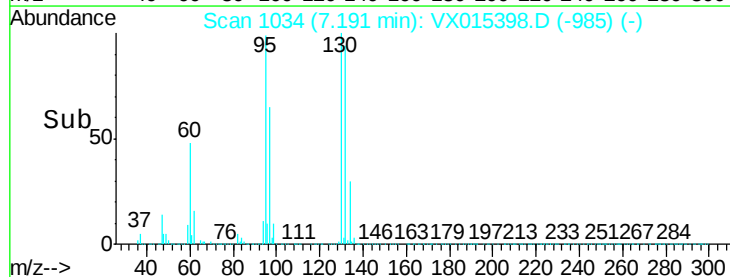
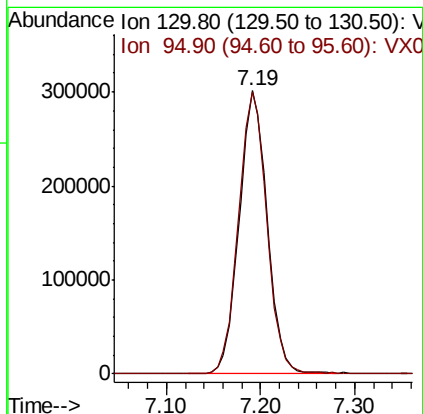
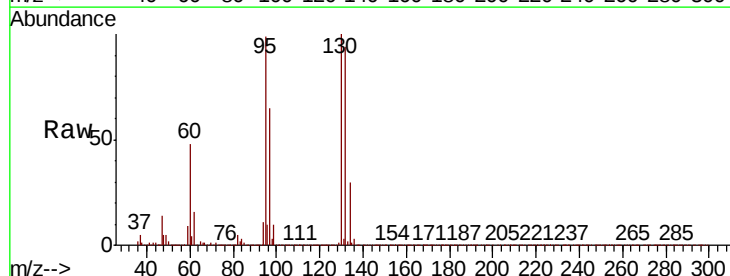
Tot Ion: 43 Resp: 1740358
 Ion Ratio Lower Upper
 43 100
 61 18.7 14.8 22.2
 87 11.7 9.4 14.0

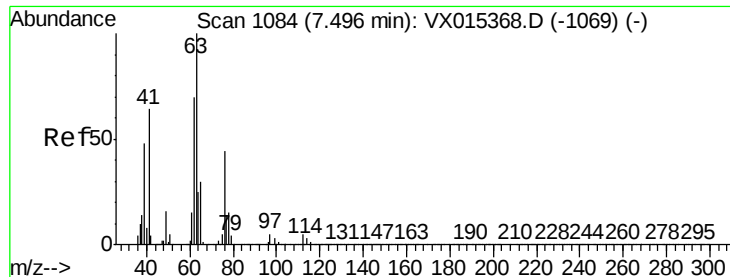


#44

Trichloroethene
 Concen: 50.400 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VX015398.D
 Acq: 27 Mar 2020 22:15

Tgt Ion: 130 Resp: 624530
 Ion Ratio Lower Upper
 130 100
 95 99.5 0.0 199.0





#45

1,2-Dichloropropane

Concen: 51.461 ug/l

RT: 7.49 min Scan# 1083

Delta R.T. -0.01 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

Instrument :

MSVOA_X

ClientSampleId :

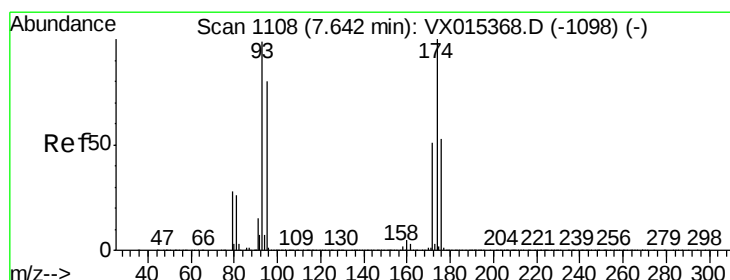
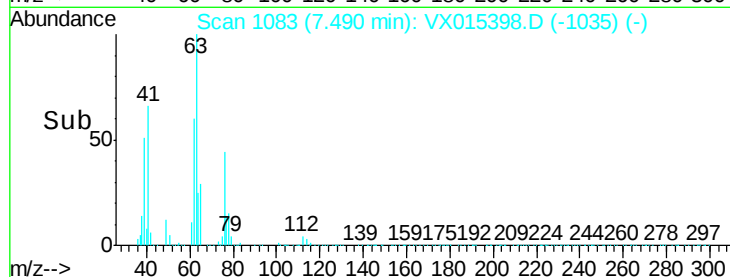
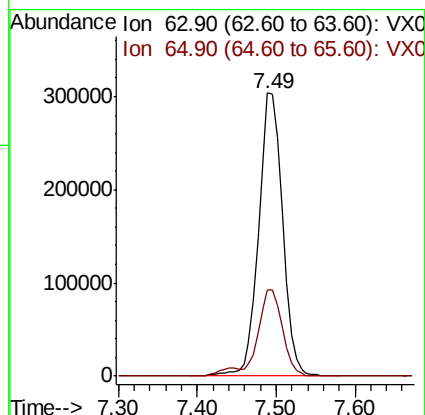
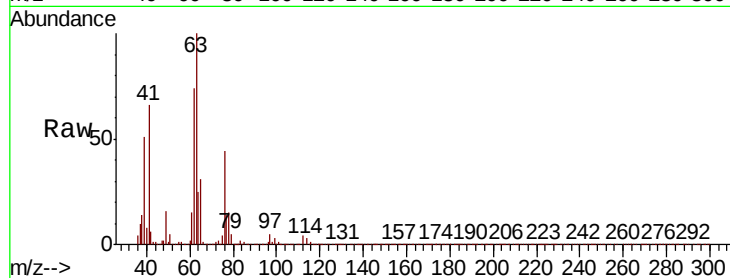
VSTDCCC050

Tot Ion: 63 Resp: 639632

Ion Ratio Lower Upper

63 100

65 30.6 23.9 35.9



#46

Dibromomethane

Concen: 51.328 ug/l

RT: 7.64 min Scan# 1108

Delta R.T. -0.00 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

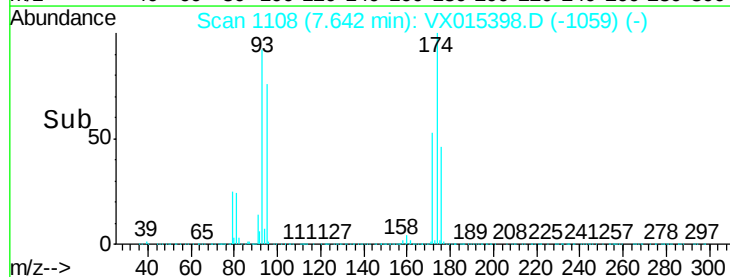
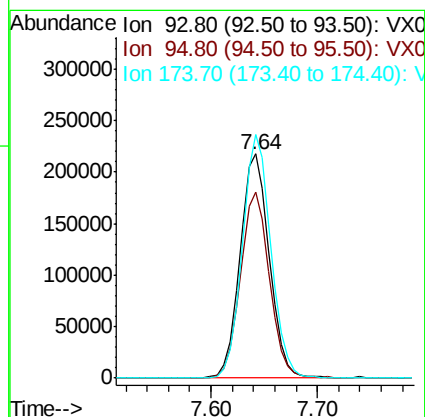
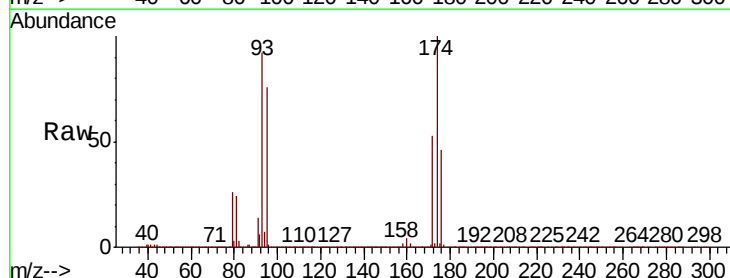
Tgt Ion: 93 Resp: 418500

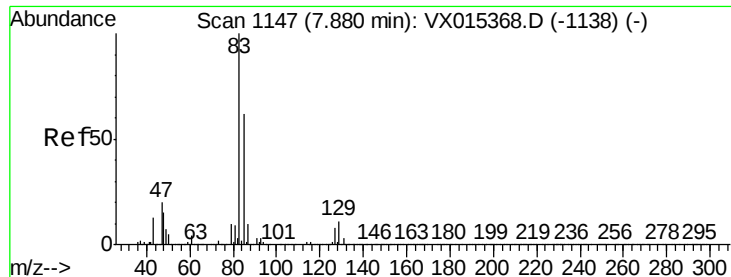
Ion Ratio Lower Upper

93 100

95 82.4 65.8 98.8

174 106.5 86.2 129.2





#47

Bromodichloromethane

Concen: 50.865 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. -0.00 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

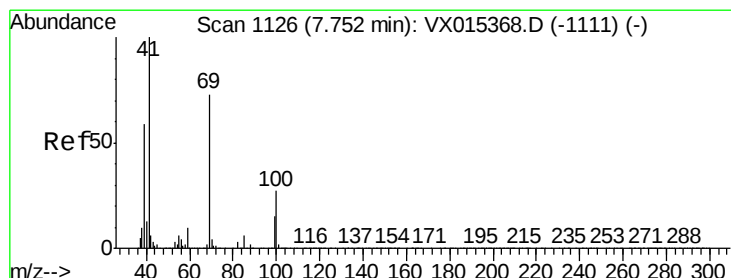
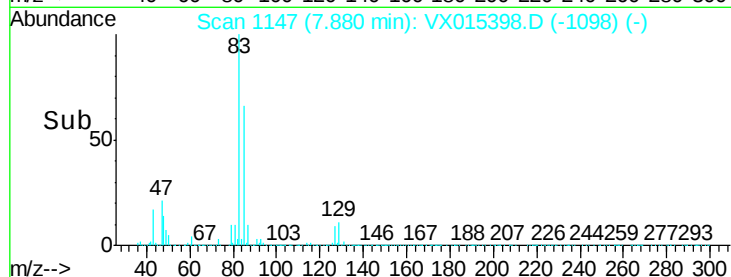
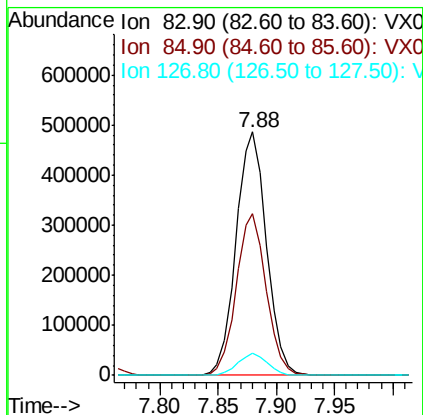
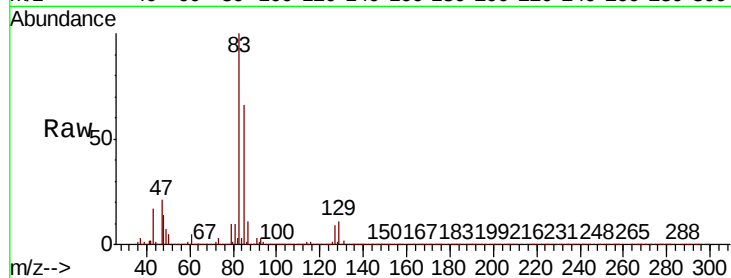
Tot Ion: 83 Resp: 883697

Ion Ratio Lower Upper

83 100

85 66.3 49.7 74.5

127 8.8 6.7 10.1



#48

Methyl methacrylate

Concen: 51.017 ug/l

RT: 7.75 min Scan# 1126

Delta R.T. -0.00 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

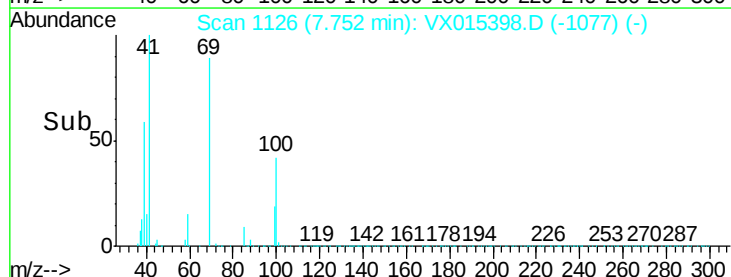
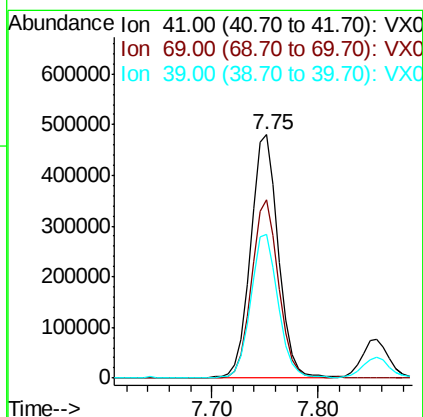
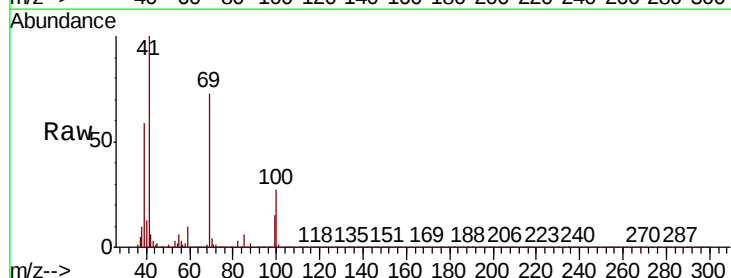
Tgt Ion: 41 Resp: 868785

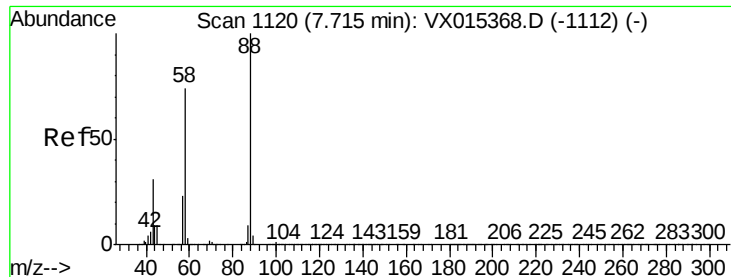
Ion Ratio Lower Upper

41 100

69 72.0 56.7 85.1

39 58.6 46.5 69.7





#49

1,4-Dioxane

Concen: 1021.173 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. -0.00 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

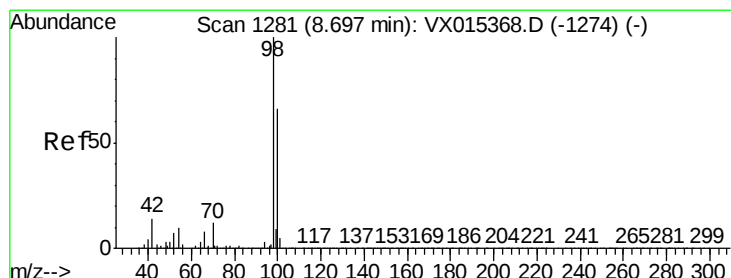
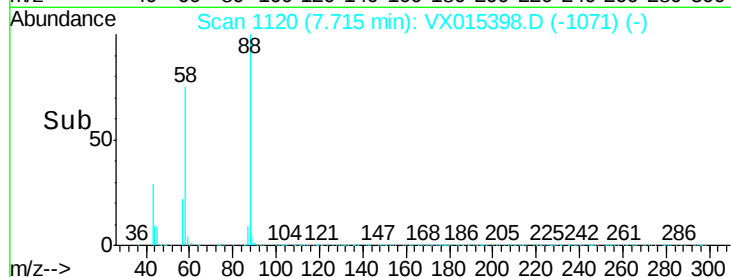
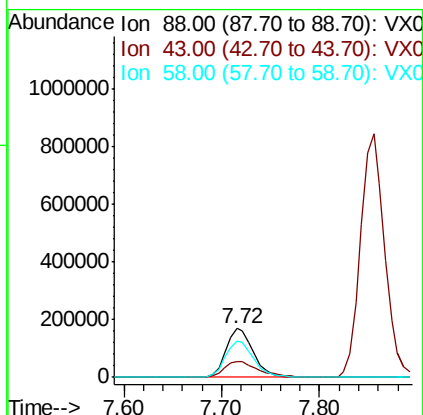
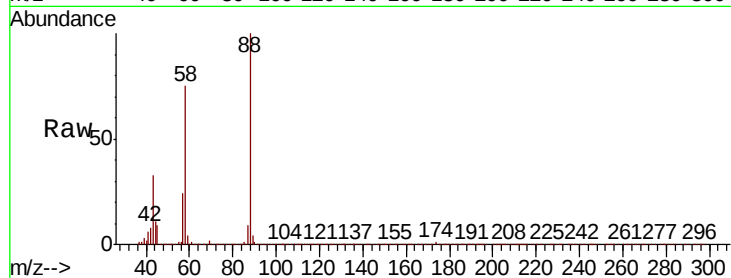
Tot Ion: 88 Resp: 324409

Ion Ratio Lower Upper

88 100

43 38.6 30.1 45.1

58 78.0 60.6 90.8



#50

Toluene-d8

Concen: 48.107 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015398.D

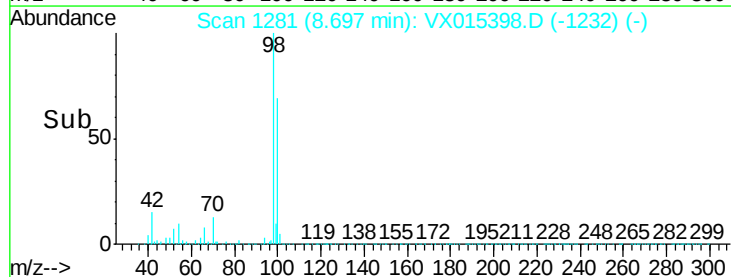
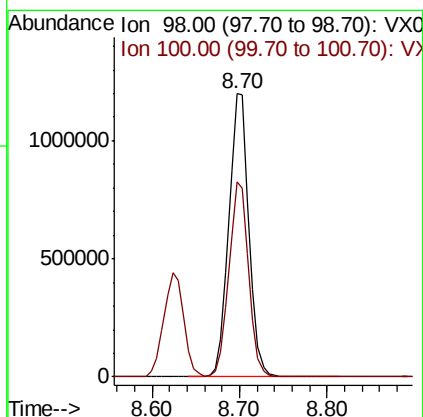
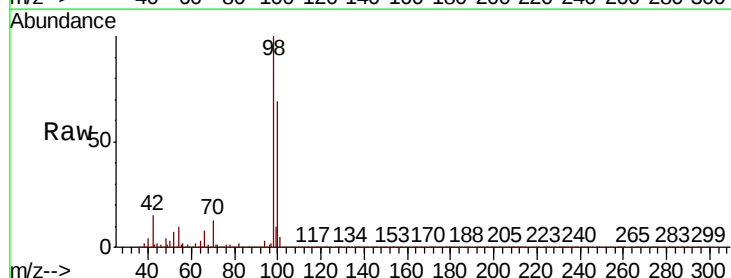
Acq: 27 Mar 2020 22:15

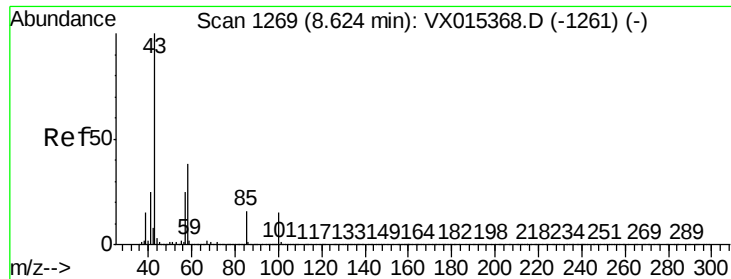
Tgt Ion: 98 Resp: 1905948

Ion Ratio Lower Upper

98 100

100 67.9 53.5 80.3

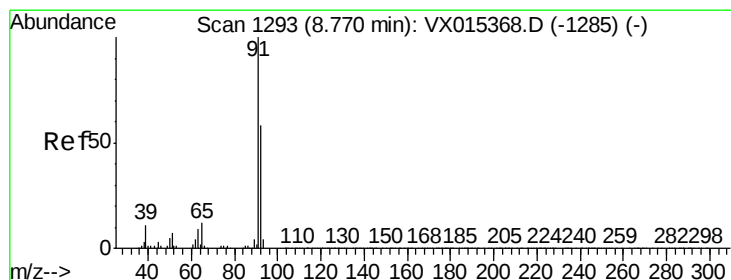
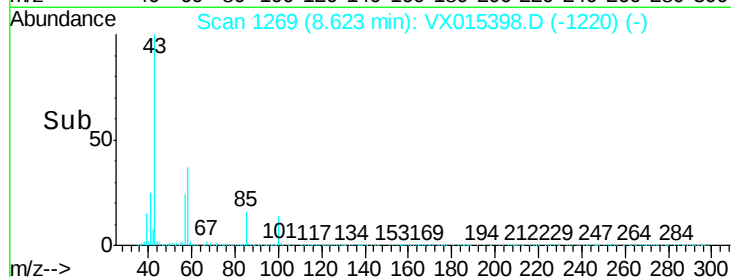
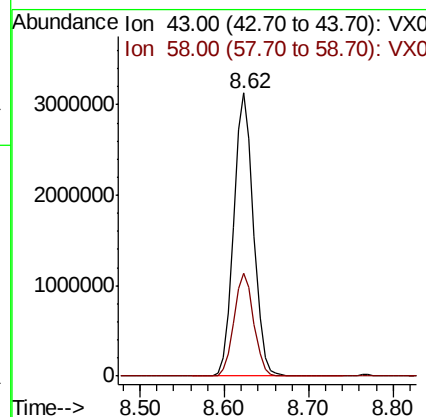
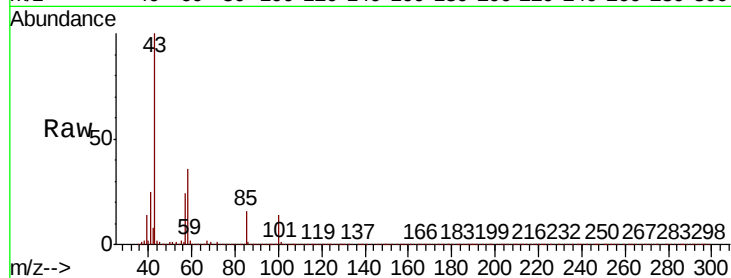




#51
4-Methyl-2-Pentanone
Concen: 257.864 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VX015398.D
Acq: 27 Mar 2020 22:15

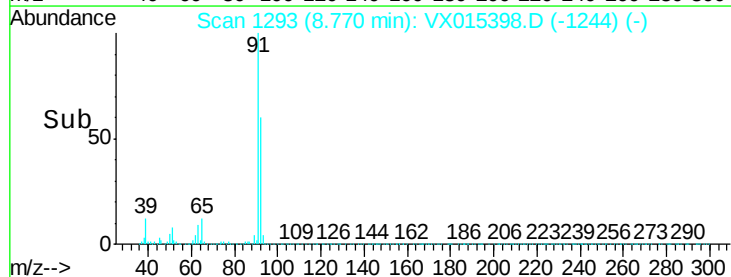
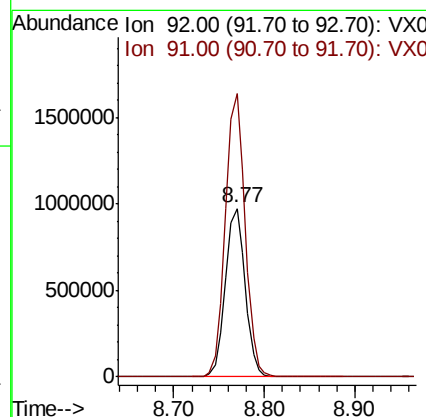
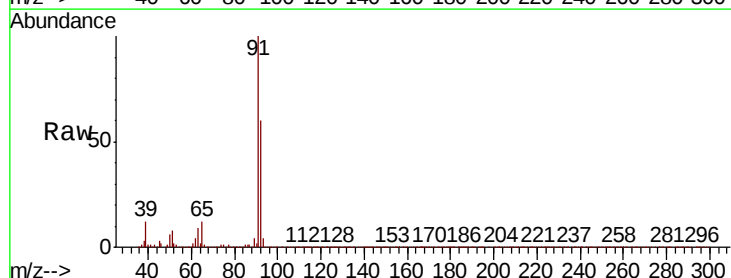
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 4982340
Ion Ratio Lower Upper
43 100
58 36.4 29.7 44.5



#52
Toluene
Concen: 52.977 ug/l
RT: 8.77 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VX015398.D
Acq: 27 Mar 2020 22:15

Tgt Ion: 92 Resp: 1484000
Ion Ratio Lower Upper
92 100
91 167.8 136.6 205.0

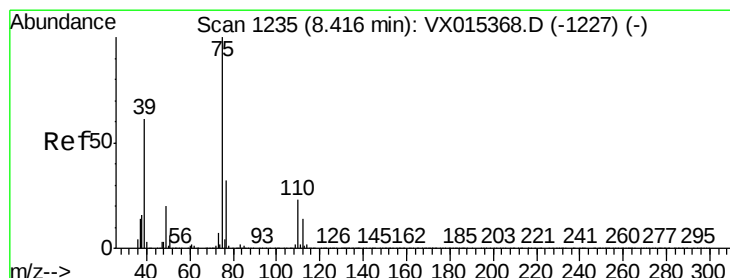
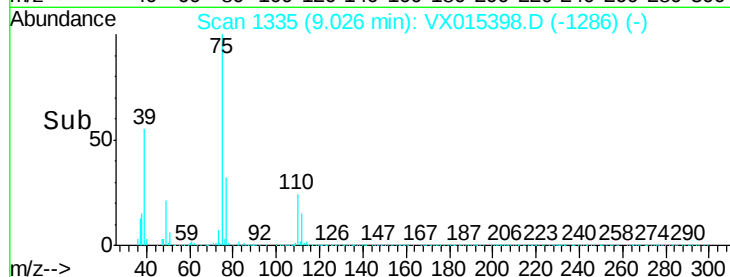
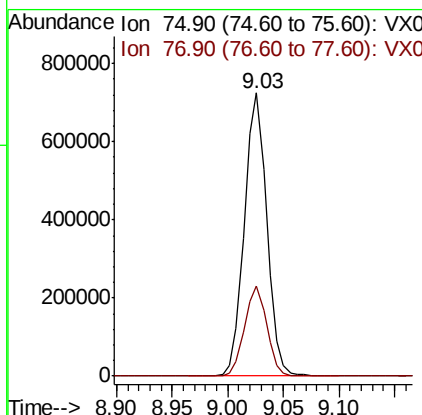
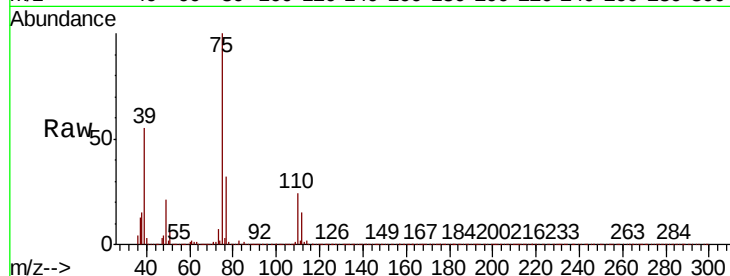




#53
 t-1,3-Dichloropropene
 Concen: 49.733 ug/l
 RT: 9.03 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: VX015398.D
 Acq: 27 Mar 2020 22:15

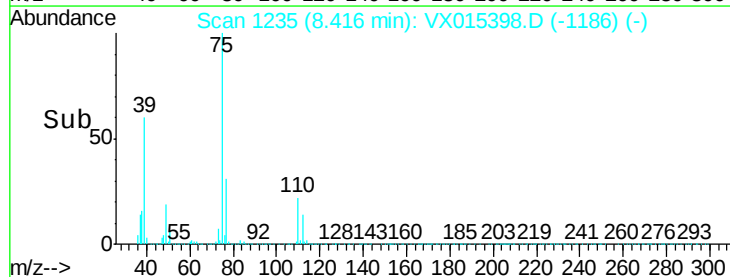
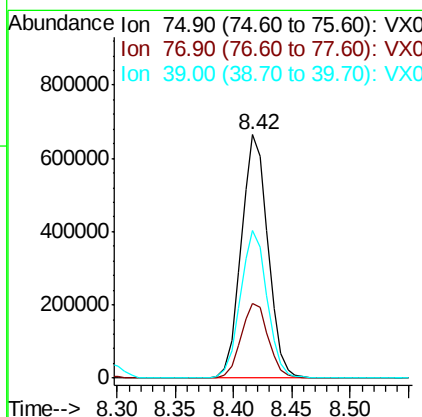
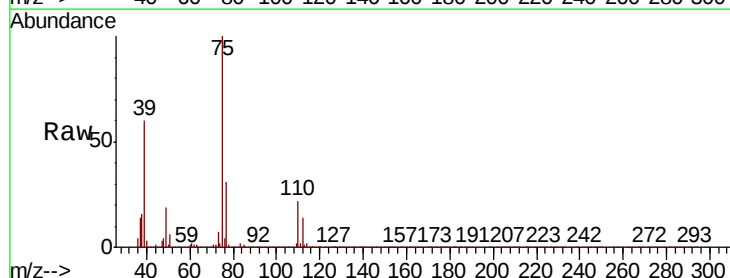
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

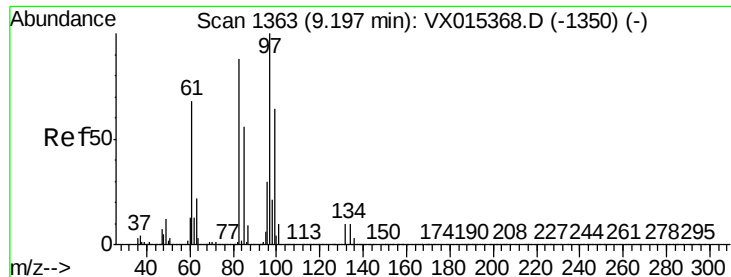
Tot Ion: 75 Resp: 1013340
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 51.263 ug/l
 RT: 8.42 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VX015398.D
 Acq: 27 Mar 2020 22:15

Tgt Ion: 75 Resp: 1064007
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.8 38.6
 39 60.3 49.0 73.4





#55

1,1,2-Trichloroethane

Concen: 51.341 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 589230

Ion	Ratio	Lower	Upper
97	100		
83	84.6	70.2	105.4
85	55.7	44.7	67.1
99	62.2	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

Time-->

9.10 9.15 9.20 9.25 9.30

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

Time-->

9.10 9.15 9.20 9.25 9.30

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

Time-->

9.10 9.15 9.20 9.25 9.30

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

Time-->

9.10 9.15 9.20 9.25 9.30

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

Time-->

9.10 9.15 9.20 9.25 9.30

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

Time-->

9.10 9.15 9.20 9.25 9.30

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

Time-->

9.10 9.15 9.20 9.25 9.30

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

Time-->

9.10 9.15 9.20 9.25 9.30

Abundance

Ion 96.90 (96.60 to 97.60): VX0

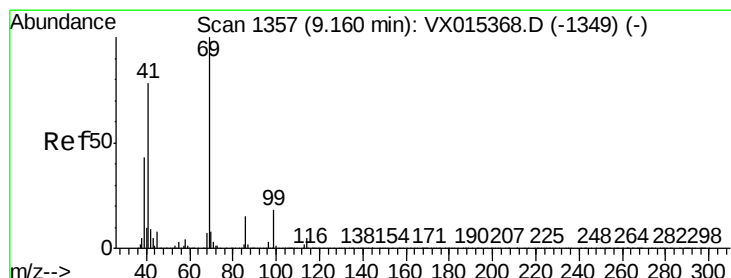
Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Time-->

9.10 9.15 9.20 9.25 9.30



#56

Ethyl methacrylate

Concen: 51.271 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.00 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

Tgt Ion: 69 Resp: 1037032

Ion	Ratio	Lower	Upper
69	100		
41	78.2	61.6	92.4
39	42.7	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

Time-->

9.05 9.10 9.15 9.20 9.25

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

Time-->

9.05 9.10 9.15 9.20 9.25

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

Time-->

9.05 9.10 9.15 9.20 9.25

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

Time-->

9.05 9.10 9.15 9.20 9.25

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

Time-->

9.05 9.10 9.15 9.20 9.25

Abundance

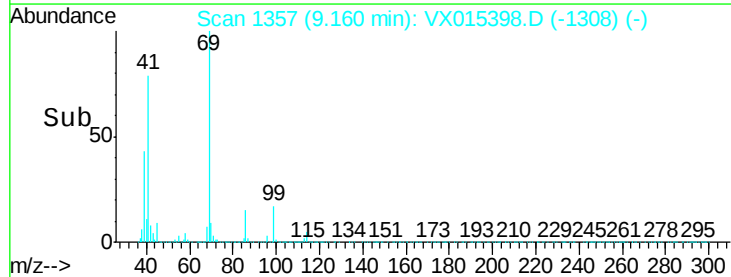
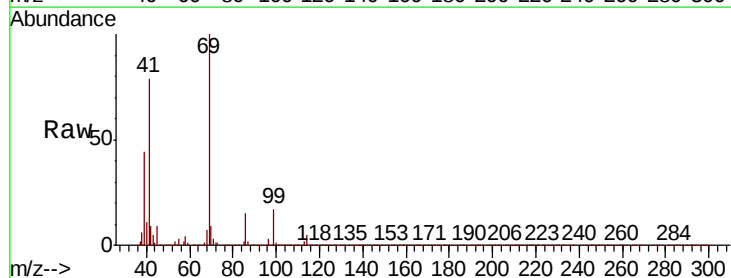
Ion 69.00 (68.70 to 69.70): VX0

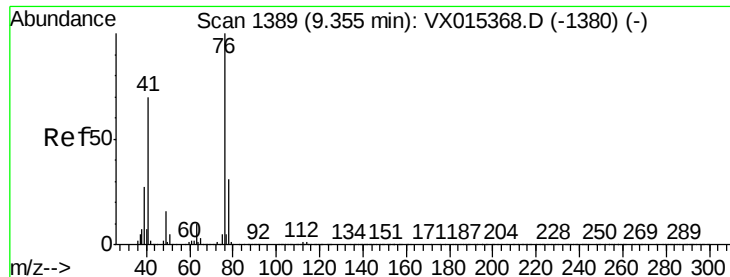
Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Time-->

9.05 9.10 9.15 9.20 9.25





#57

1,3-Dichloropropane

Concen: 49.975 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

Instrument :

MSVOA_X

ClientSampleId :

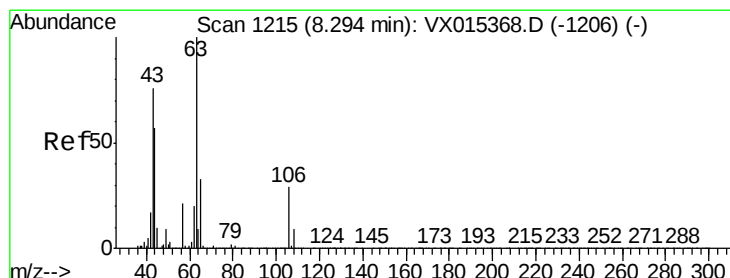
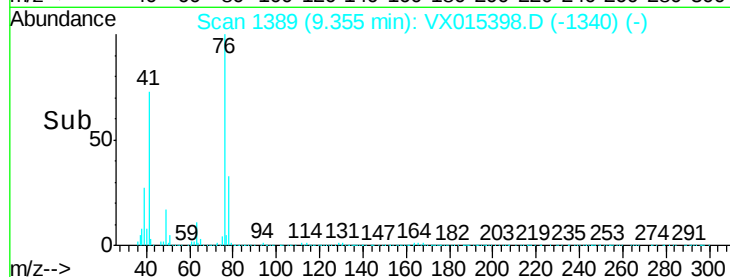
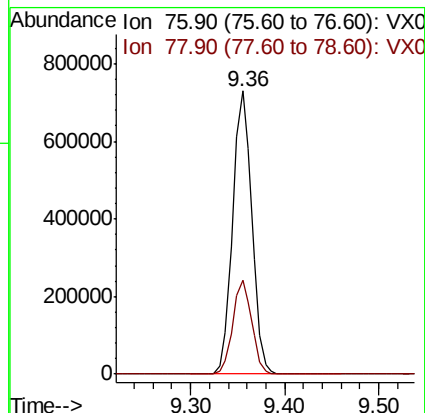
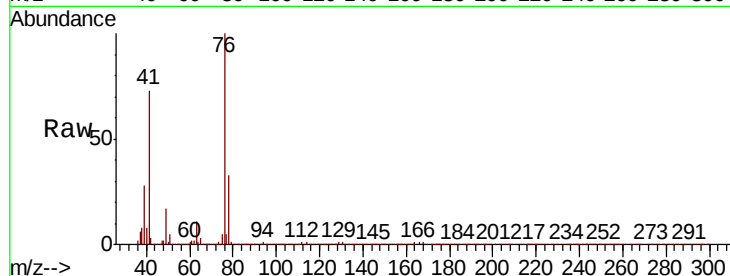
VSTDCCC050

Tot Ion: 76 Resp: 1033357

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 256.310 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. -0.00 min

Lab File: VX015398.D

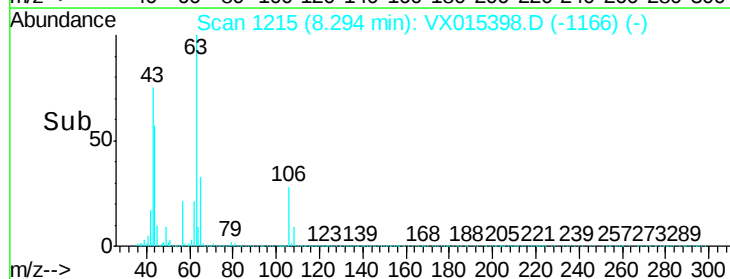
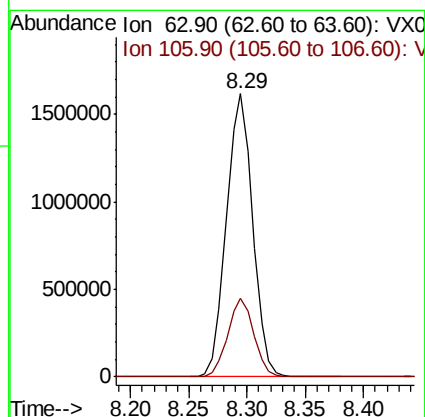
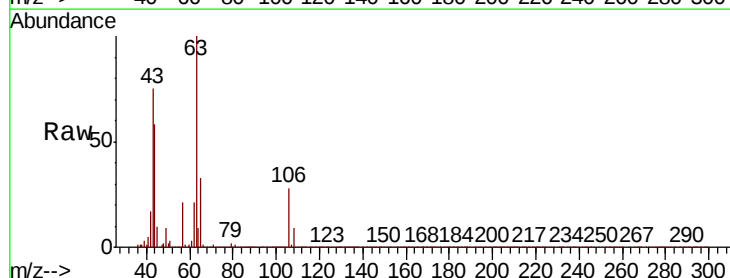
Acq: 27 Mar 2020 22:15

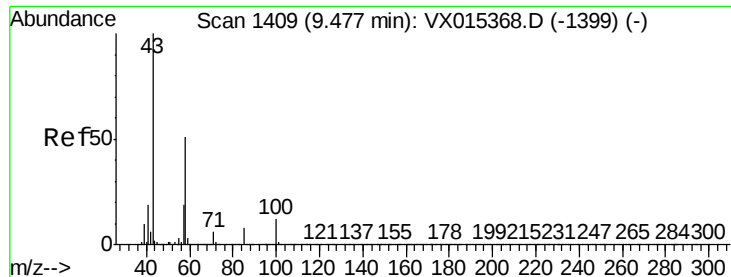
Tgt Ion: 63 Resp: 2521637

Ion Ratio Lower Upper

63 100

106 27.6 22.7 34.1

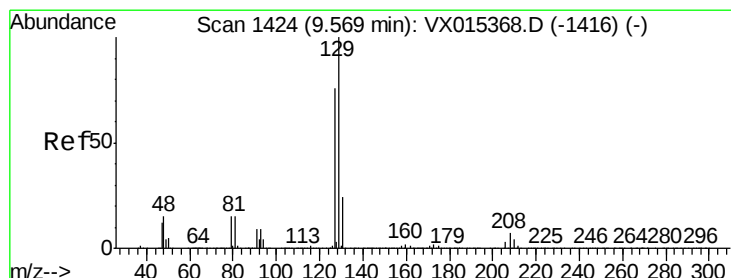
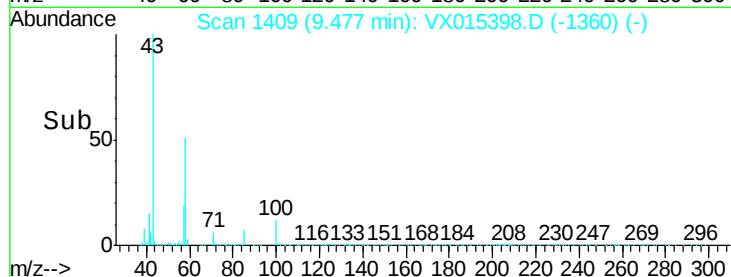
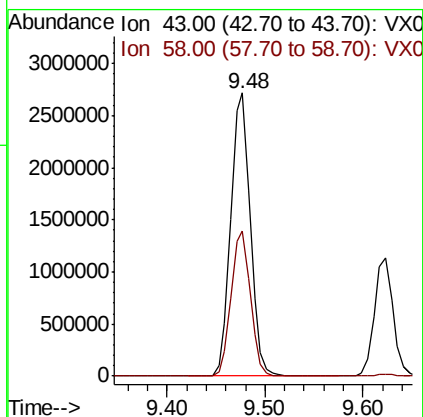
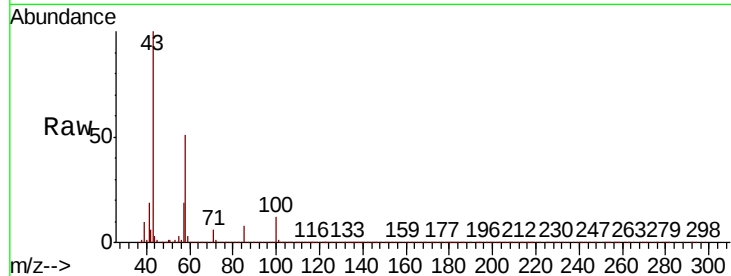




#59
2-Hexanone
Concen: 257.223 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VX015398.D
Acq: 27 Mar 2020 22:15

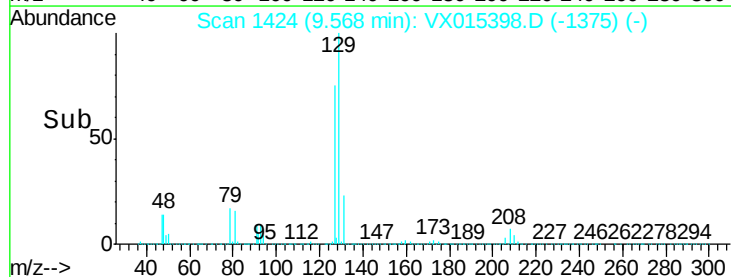
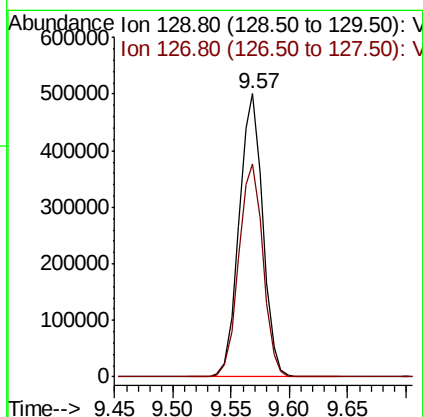
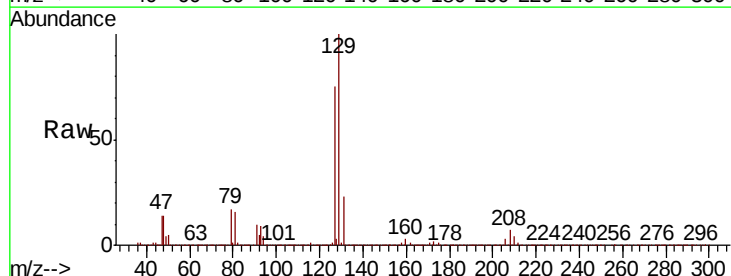
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

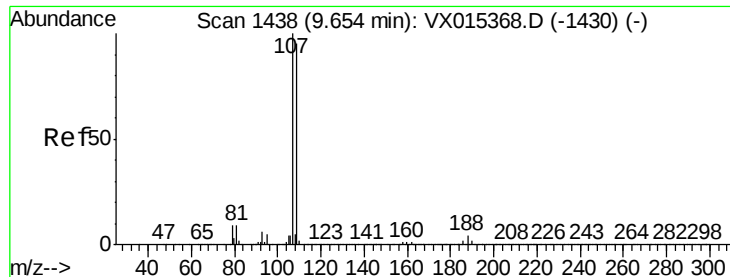
Tot Ion: 43 Resp: 3752202
Ion Ratio Lower Upper
43 100
58 51.1 25.6 76.6



#60
Dibromochloromethane
Concen: 51.487 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. -0.00 min
Lab File: VX015398.D
Acq: 27 Mar 2020 22:15

Tgt Ion: 129 Resp: 710050
Ion Ratio Lower Upper
129 100
127 77.0 38.2 114.6





#61

1,2-Dibromoethane

Concen: 50.869 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. -0.00 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

Instrument :

MSVOA_X

ClientSampleId :

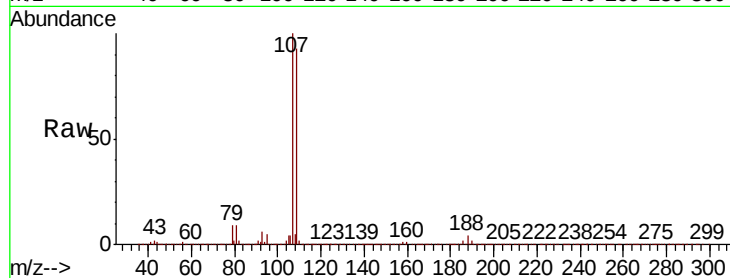
VSTDCCC050

Tot Ion:107 Resp: 634801

Ion Ratio Lower Upper

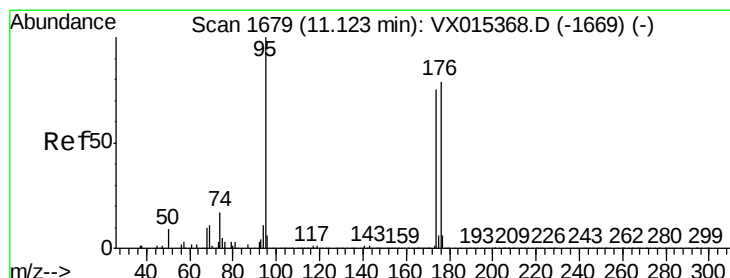
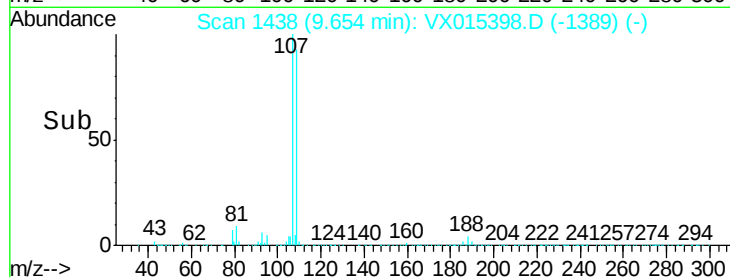
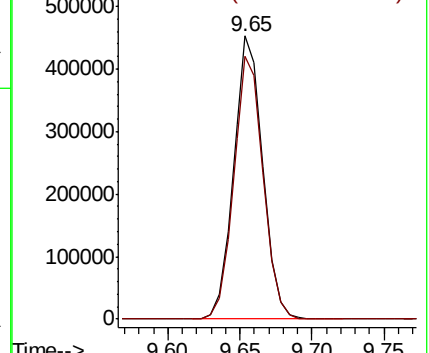
107 100

109 93.8 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.678 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

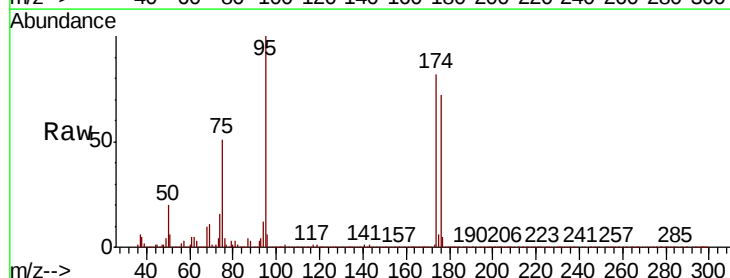
Tgt Ion: 95 Resp: 783784

Ion Ratio Lower Upper

95 100

174 80.6 0.0 158.6

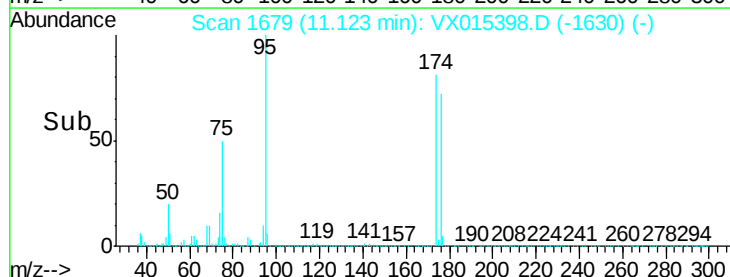
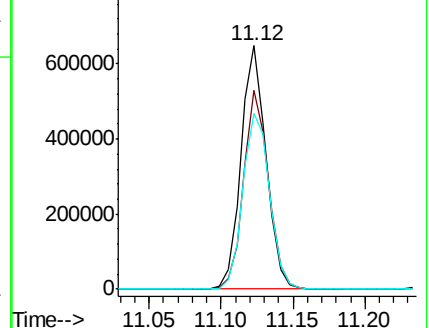
176 77.0 0.0 159.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

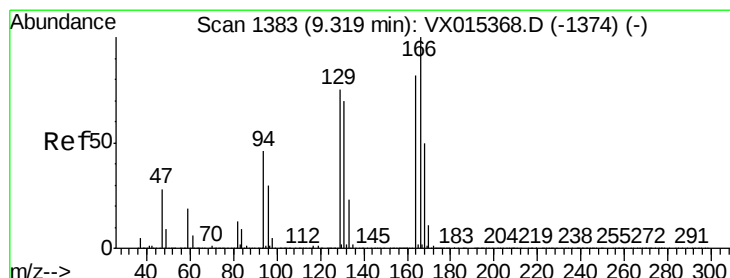
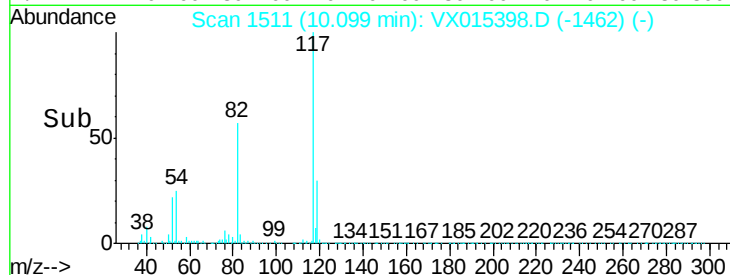
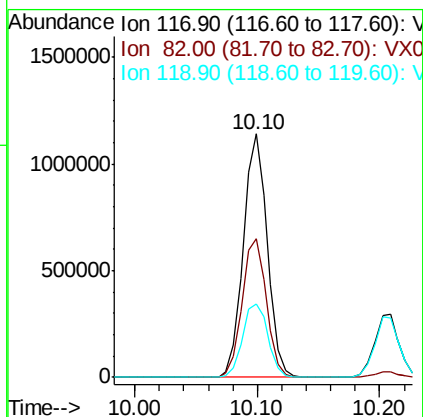
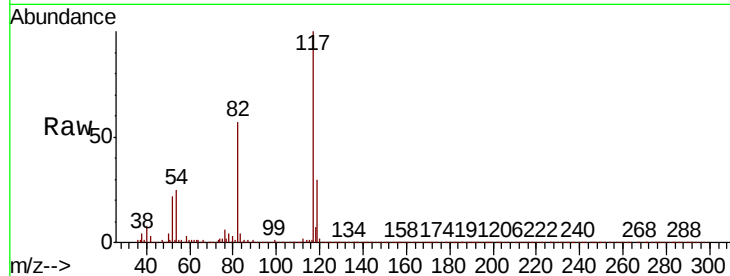




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015398.D
Acq: 27 Mar 2020 22:15

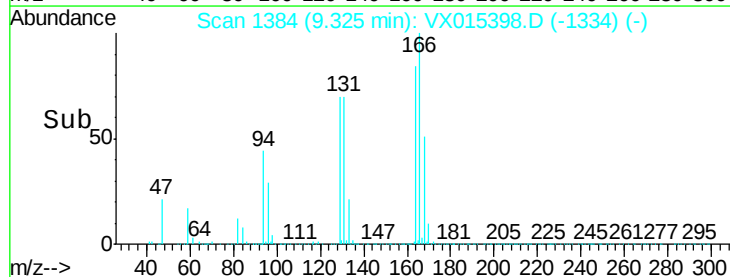
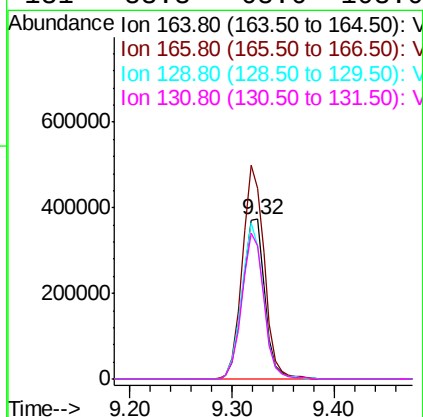
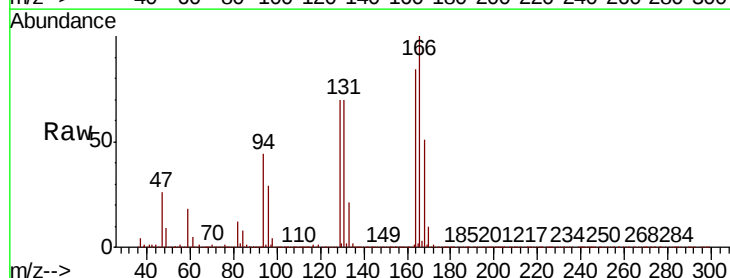
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

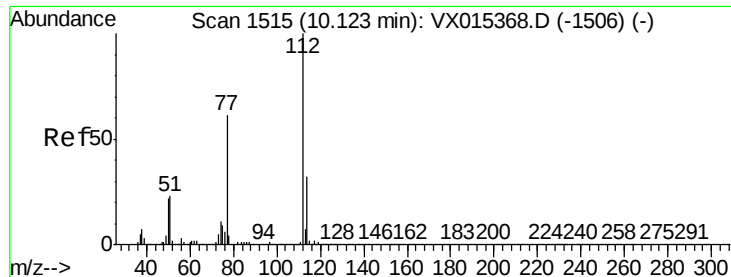
Tot Ion:117 Resp: 1538837
Ion Ratio Lower Upper
117 100
82 57.2 47.8 71.8
119 30.3 26.8 40.2



#64
Tetrachloroethene
Concen: 48.810 ug/l
RT: 9.32 min Scan# 1384
Delta R.T. 0.01 min
Lab File: VX015398.D
Acq: 27 Mar 2020 22:15

Tgt Ion:164 Resp: 566845
Ion Ratio Lower Upper
164 100
166 119.6 97.8 146.6
129 83.7 73.0 109.4
131 83.3 68.6 103.0





#65

Chlorobenzene

Concen: 51.381 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. -0.00 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

Instrument :

MSVOA_X

ClientSampleId :

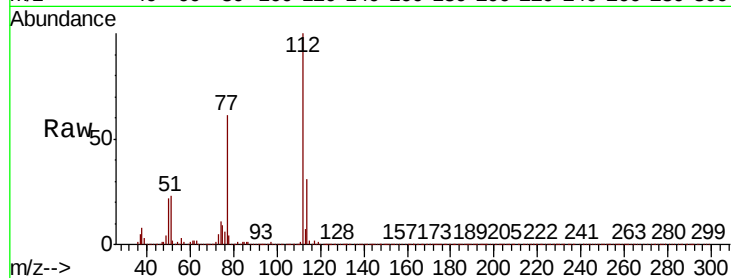
VSTDCCC050

Tot Ion:112 Resp: 1576844

Ion Ratio Lower Upper

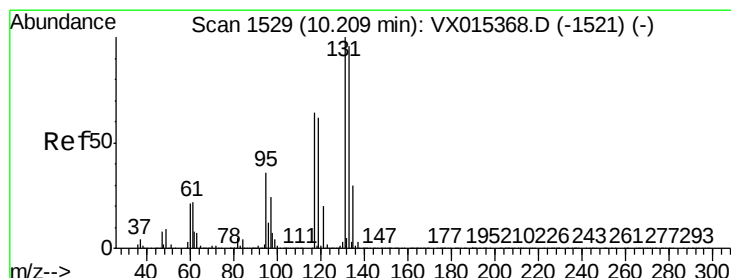
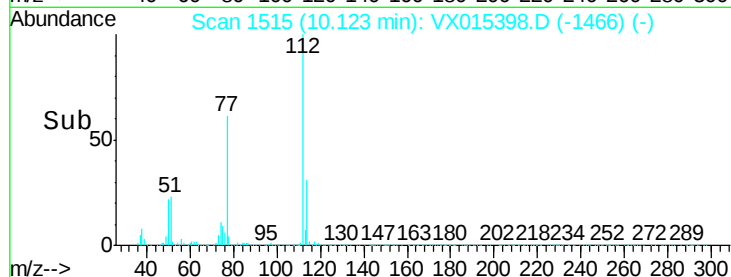
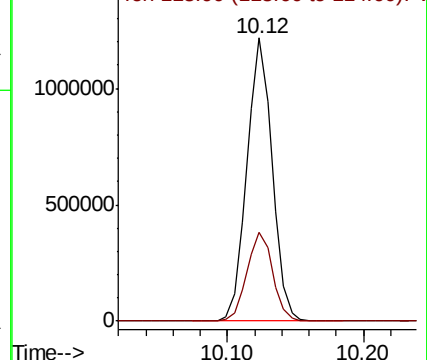
112 100

114 31.3 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: 50.783 ug/l

RT: 10.21 min Scan# 1529

Delta R.T. -0.00 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

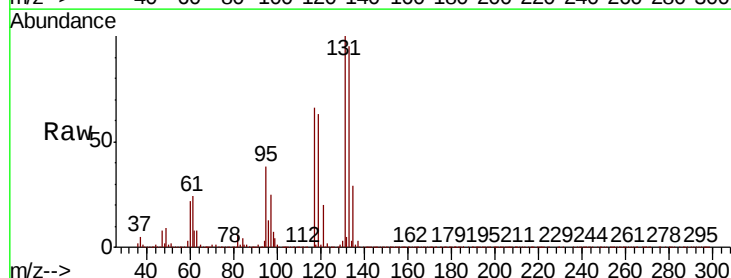
Tgt Ion:131 Resp: 622617

Ion Ratio Lower Upper

131 100

133 96.6 47.6 142.9

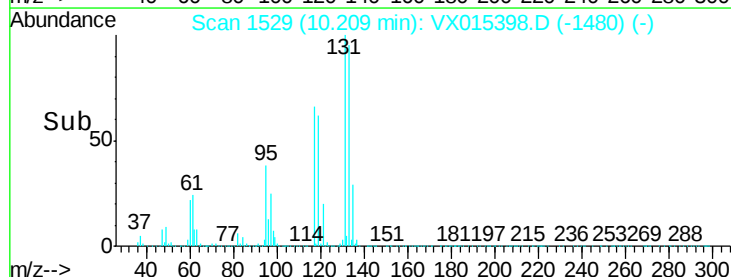
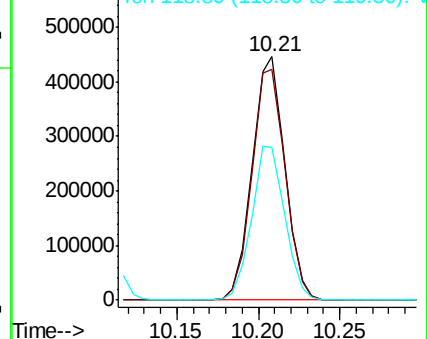
119 64.0 31.1 93.3

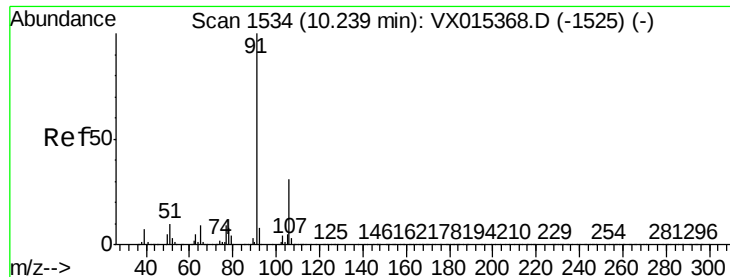


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

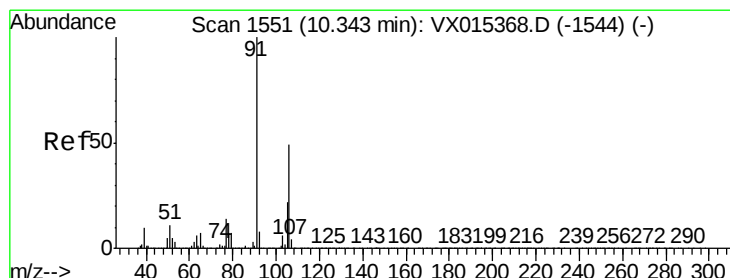
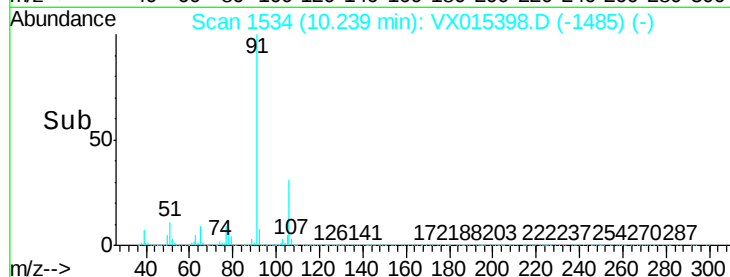
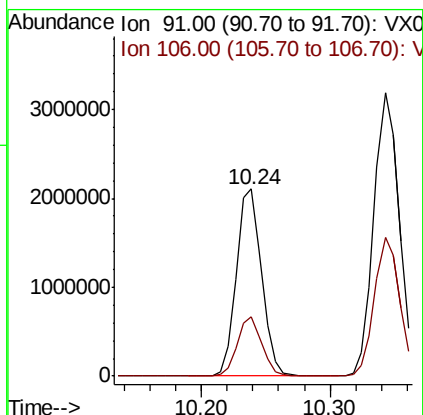
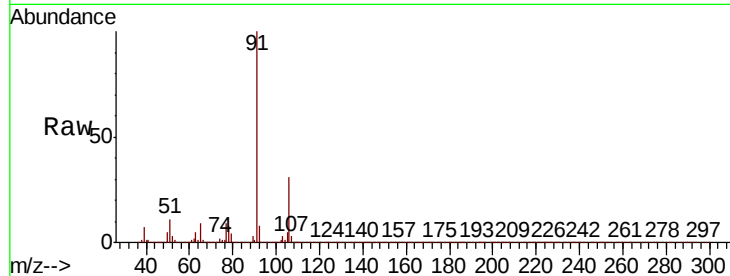




#67
Ethyl Benzene
Concen: 52.665 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. -0.00 min
Lab File: VX015398.D
Acq: 27 Mar 2020 22:15

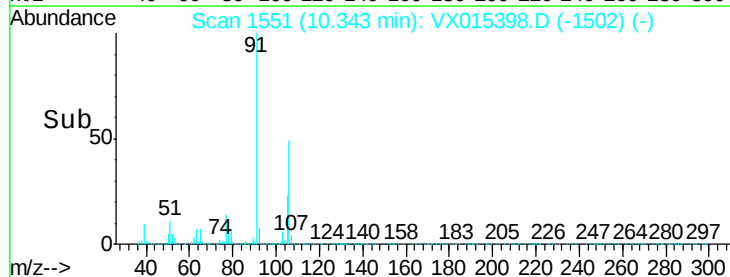
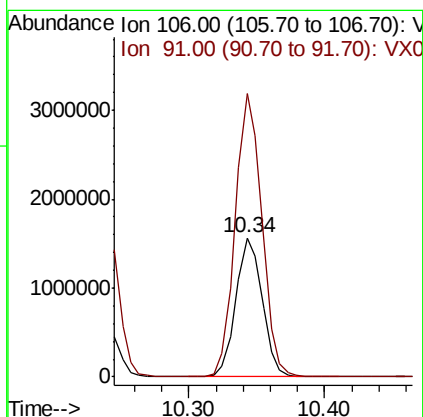
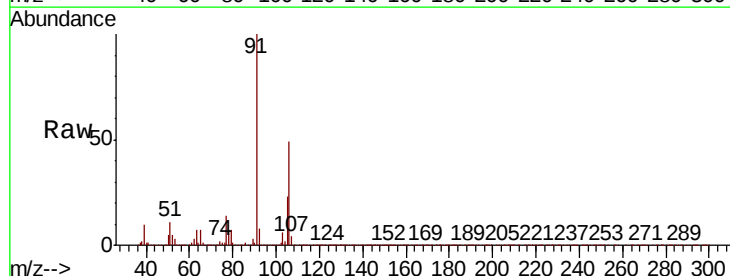
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

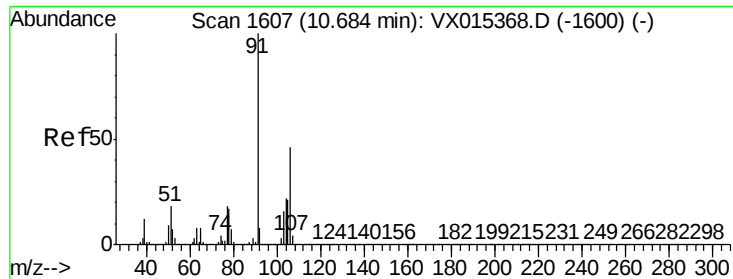
Tot Ion: 91 Resp: 2866531
Ion Ratio Lower Upper
91 100
106 31.4 24.8 37.2



#68
m/p-Xylenes
Concen: 104.495 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. -0.00 min
Lab File: VX015398.D
Acq: 27 Mar 2020 22:15

Tgt Ion: 106 Resp: 2117899
Ion Ratio Lower Upper
106 100
91 204.6 163.4 245.0

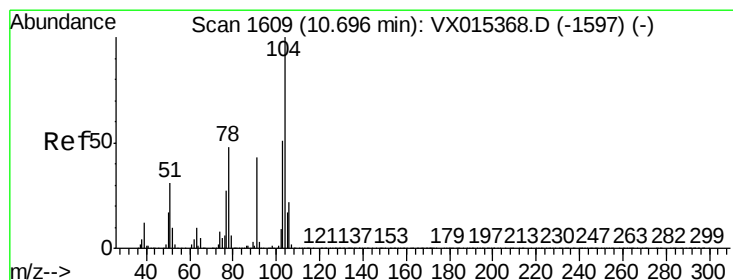
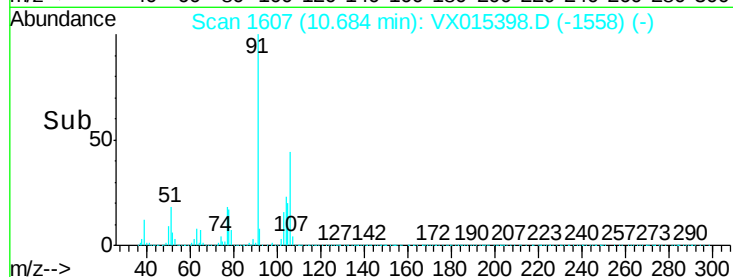
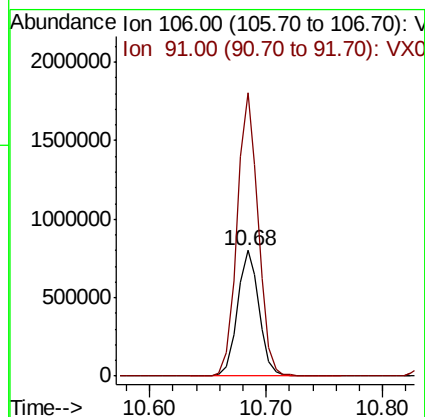
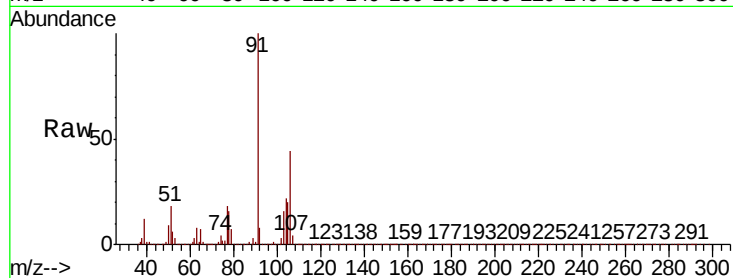




#69
o-Xylene
Concen: 51.267 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015398.D
Acq: 27 Mar 2020 22:15

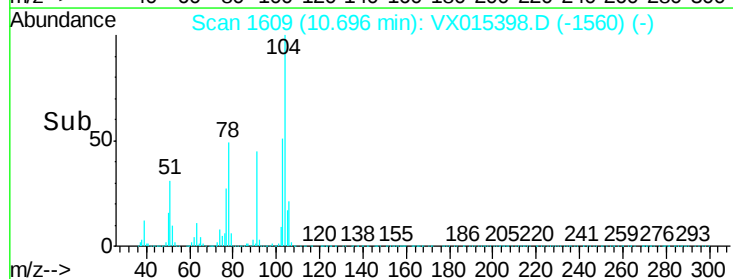
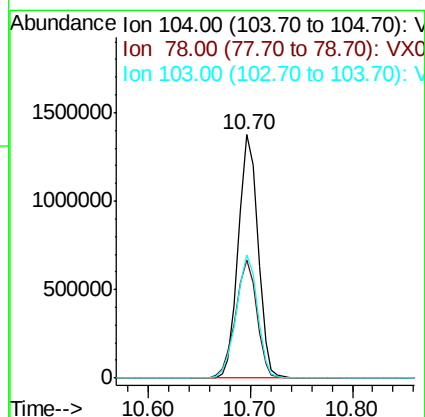
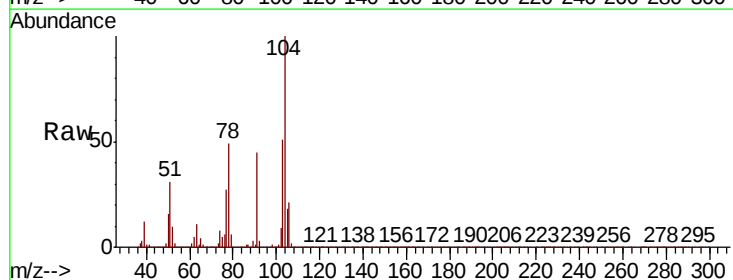
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

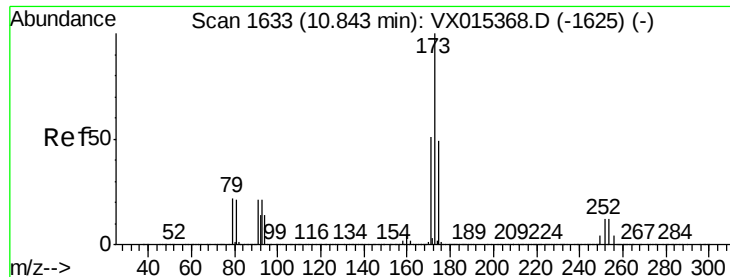
Tot Ion:106 Resp: 1026767
Ion Ratio Lower Upper
106 100
91 221.0 107.1 321.3



#70
Styrene
Concen: 51.694 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015398.D
Acq: 27 Mar 2020 22:15

Tgt Ion:104 Resp: 1821825
Ion Ratio Lower Upper
104 100
78 52.9 42.0 63.0
103 54.6 43.4 65.0





#71

Bromoform

Concen: 49.294 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. -0.00 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

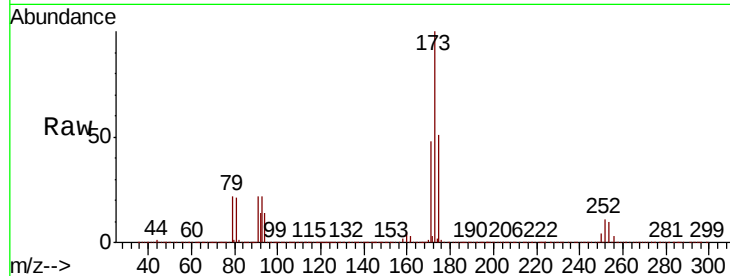
Tot Ion:173 Resp: 550177

Ion Ratio Lower Upper

173 100

175 50.6 23.9 71.7

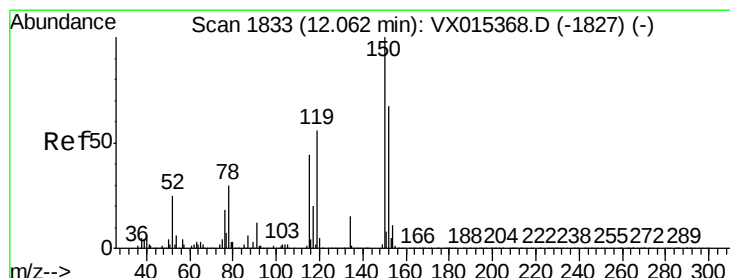
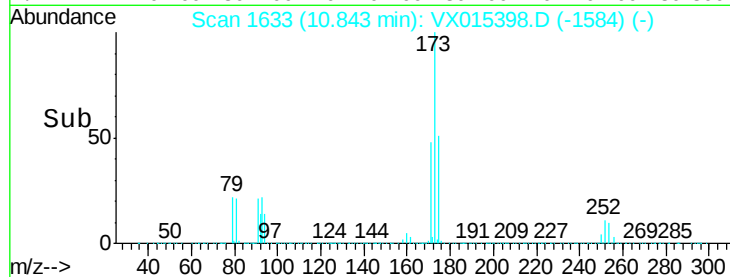
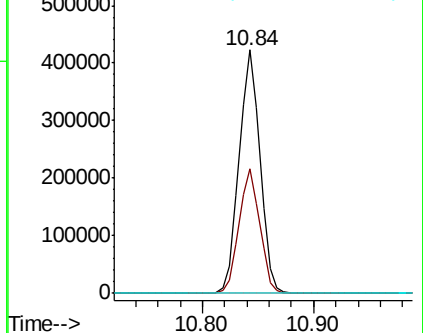
254 0.4 0.1 0.1#



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: VX015398.D

Acq: 27 Mar 2020 22:15

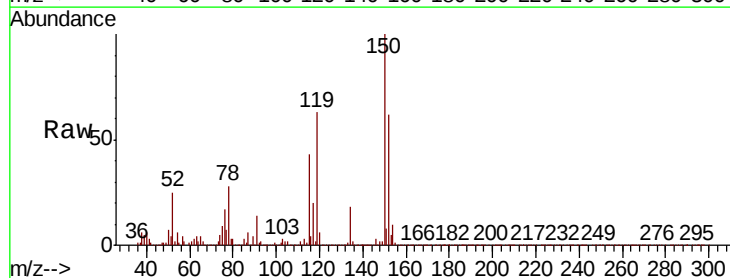
Tgt Ion:152 Resp: 795659

Ion Ratio Lower Upper

152 100

115 82.4 39.0 116.9

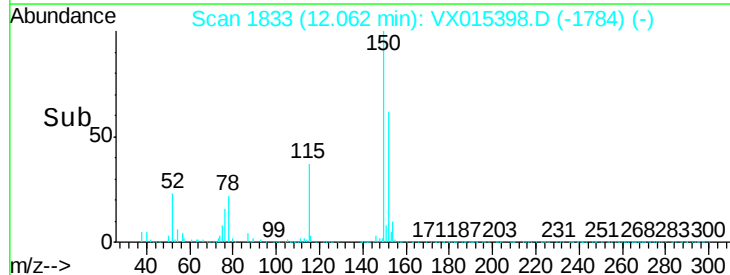
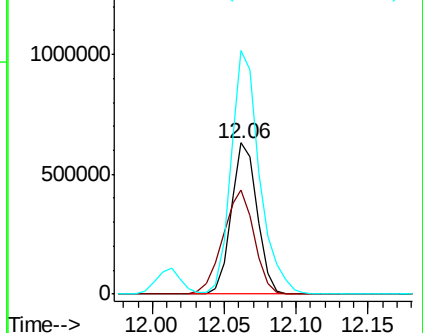
150 176.1 0.0 340.8

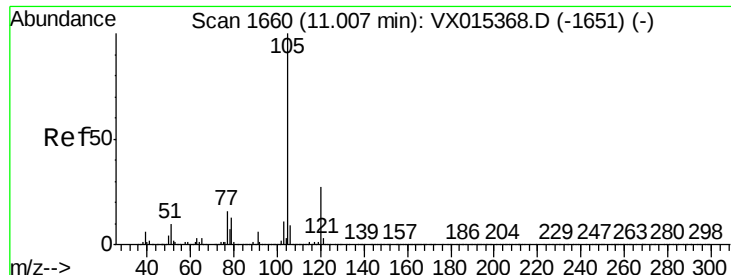


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.302 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

Instrument :

MSVOA_X

ClientSampleId :

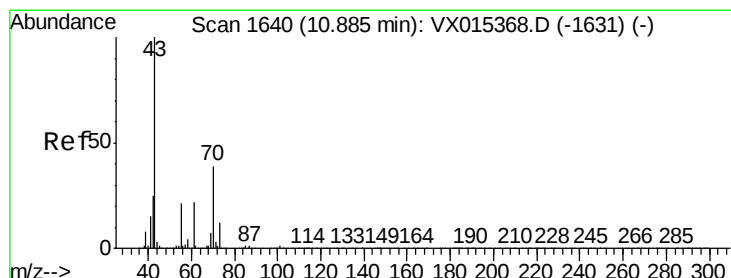
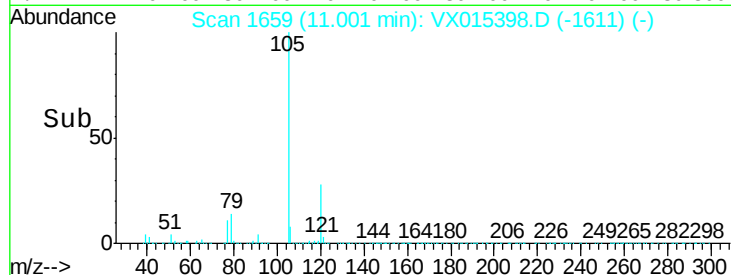
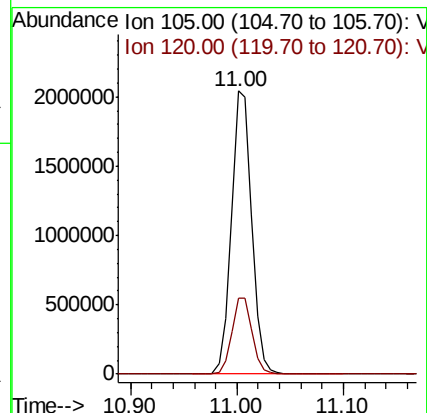
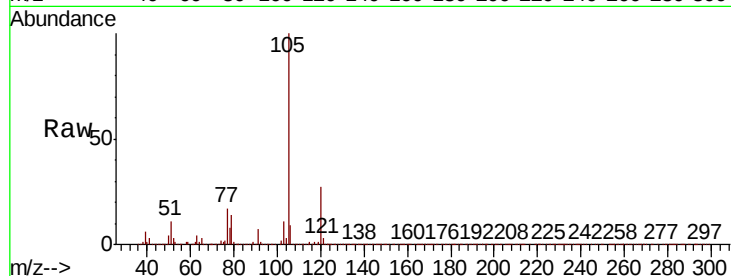
VSTDCCC050

Tot Ion:105 Resp: 2726654

Ion Ratio Lower Upper

105 100

120 27.1 13.2 39.5



#74

N-ethyl acetate

Concen: 51.186 ug/l

RT: 10.89 min Scan# 1640

Delta R.T. -0.00 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

Tgt Ion: 43 Resp: 1484162

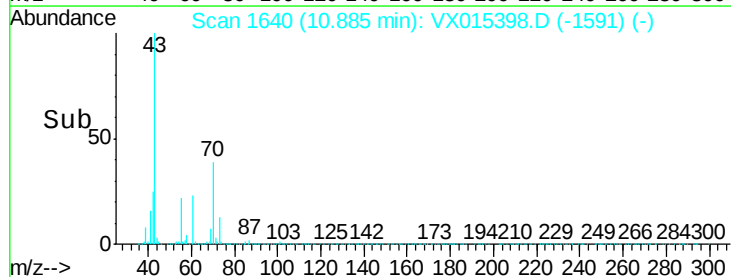
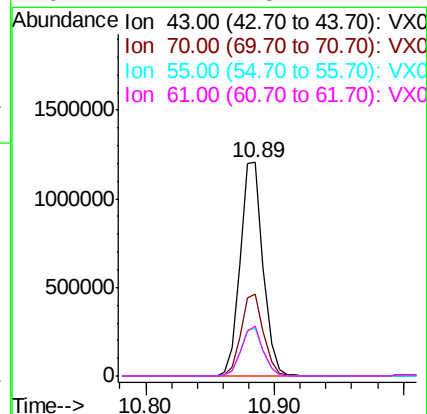
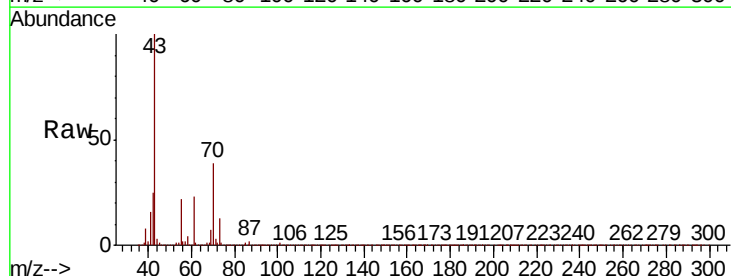
Ion Ratio Lower Upper

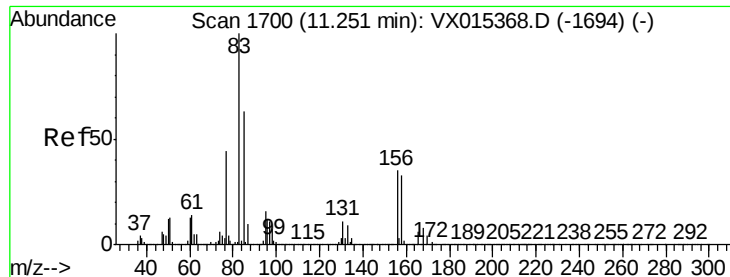
43 100

70 38.1 30.2 45.4

55 22.0 16.8 25.2

61 22.4 18.2 27.2

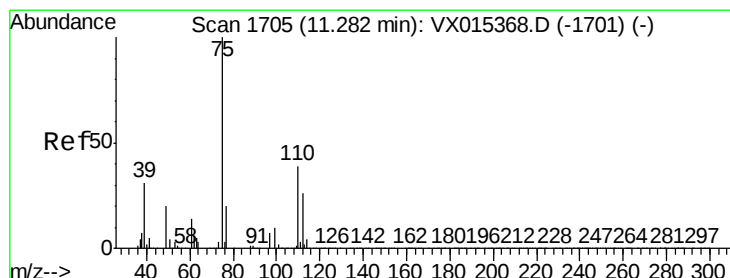
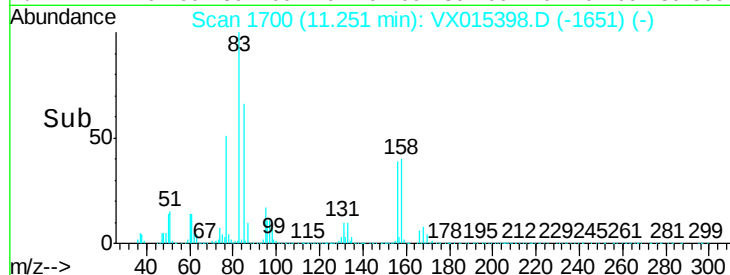
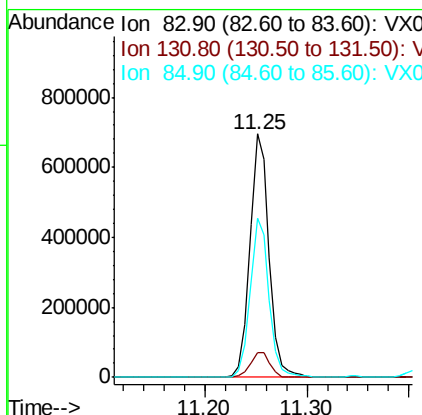
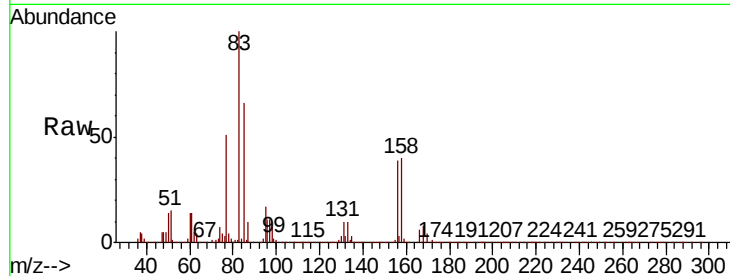




#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.669 ug/l
 RT: 11.25 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: VX015398.D
 Acq: 27 Mar 2020 22:15

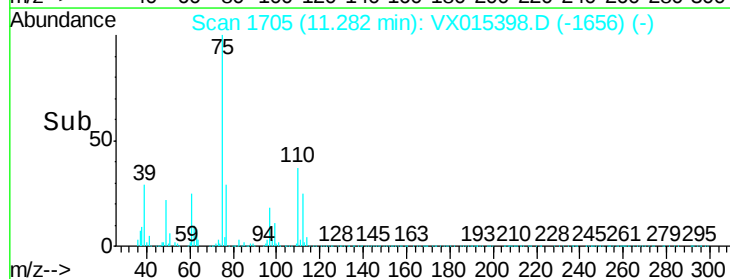
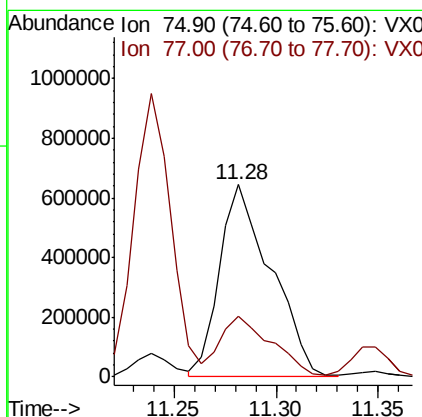
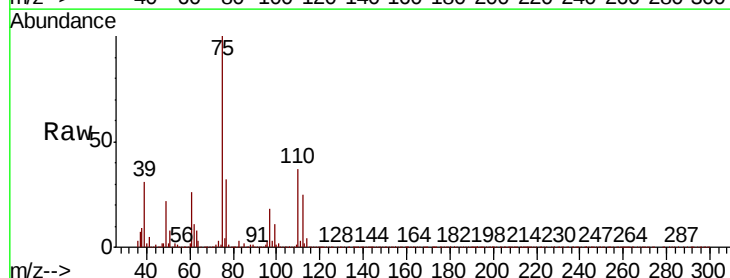
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

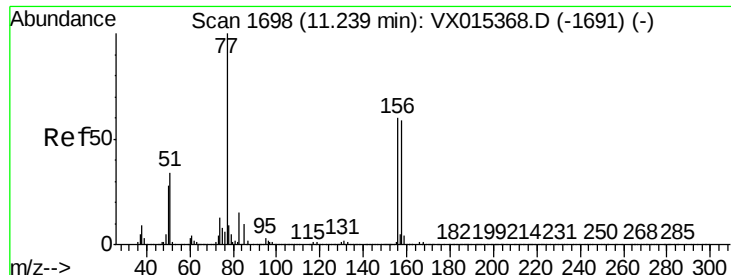
Tot Ion: 83 Resp: 906413
 Ion Ratio Lower Upper
 83 100
 131 10.6 5.3 16.1
 85 64.5 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 68.864 ug/l
 RT: 11.28 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: VX015398.D
 Acq: 27 Mar 2020 22:15

Tgt Ion: 75 Resp: 1126764
 Ion Ratio Lower Upper
 75 100
 77 31.4 21.2 63.6





#77

Bromobenzene

Concen: 51.972 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

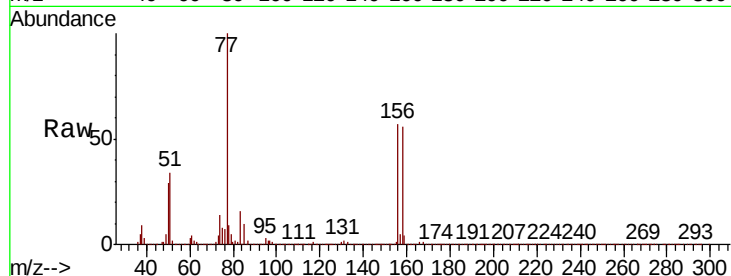
Tot Ion:156 Resp: 722723

Ion Ratio Lower Upper

156 100

77 166.0 82.2 246.5

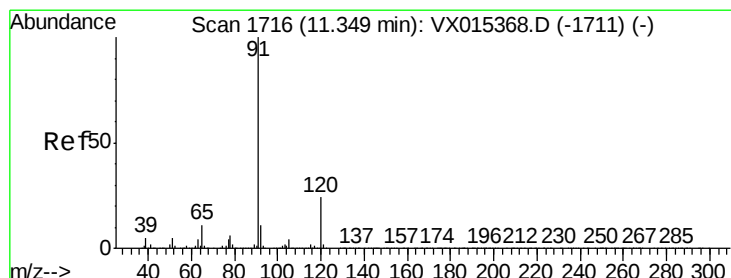
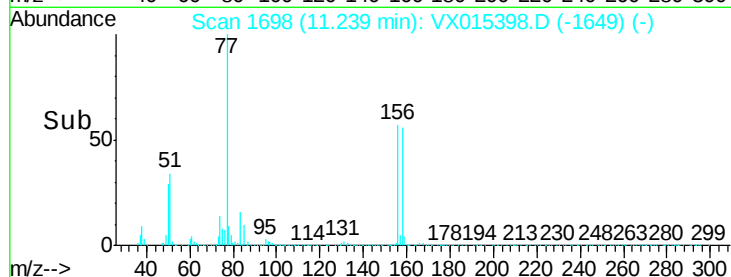
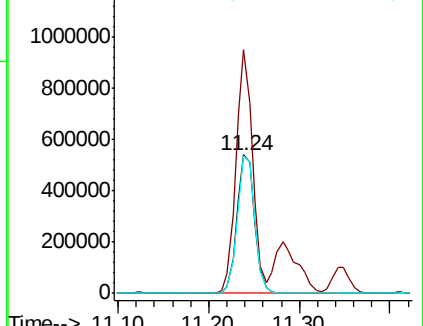
158 97.7 49.3 147.9



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: 53.170 ug/l

RT: 11.35 min Scan# 1716

Delta R.T. -0.00 min

Lab File: VX015398.D

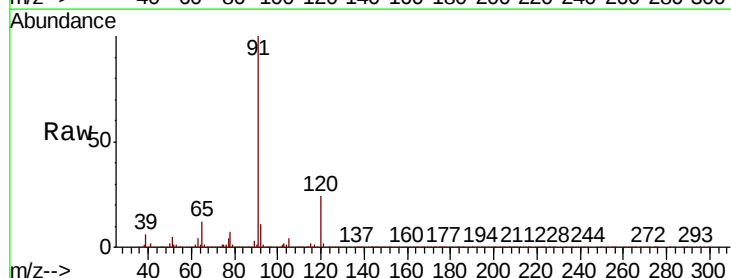
Acq: 27 Mar 2020 22:15

Tgt Ion: 91 Resp: 3169577

Ion Ratio Lower Upper

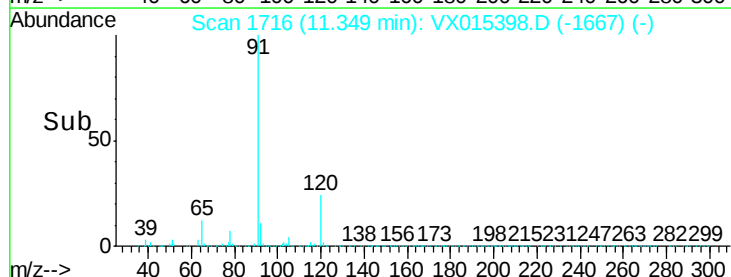
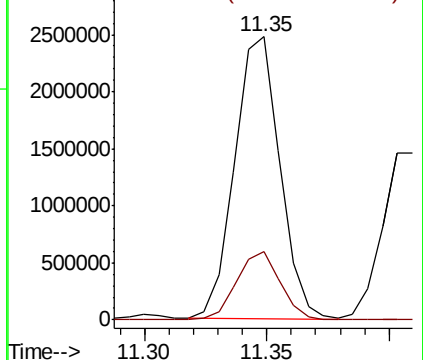
91 100

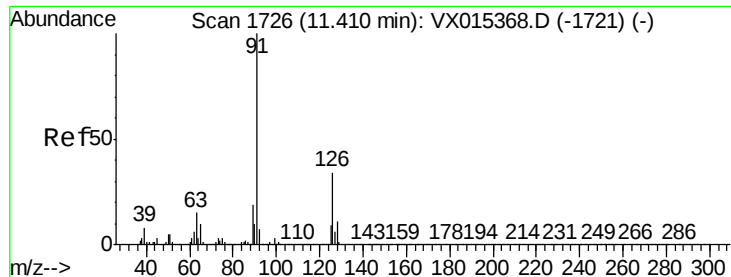
120 23.5 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

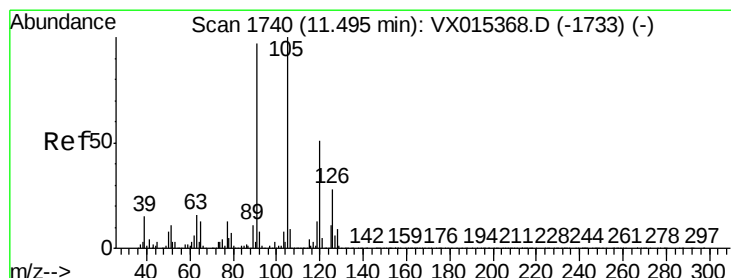
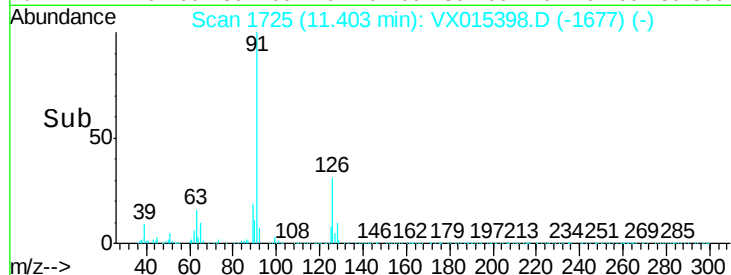
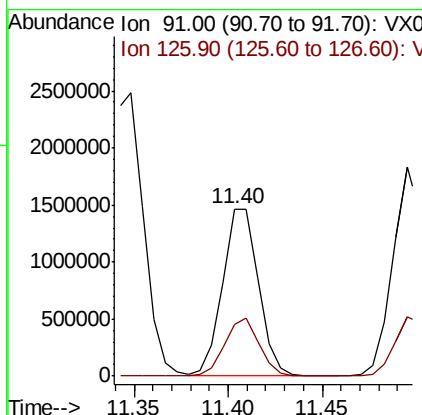
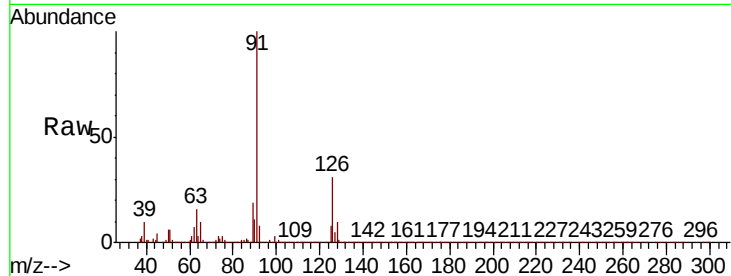




#79
 2-Chlorotoluene
 Concen: 52.929 ug/l
 RT: 11.40 min Scan# 1725
 Delta R.T. -0.01 min
 Lab File: VX015398.D
 Acq: 27 Mar 2020 22:15

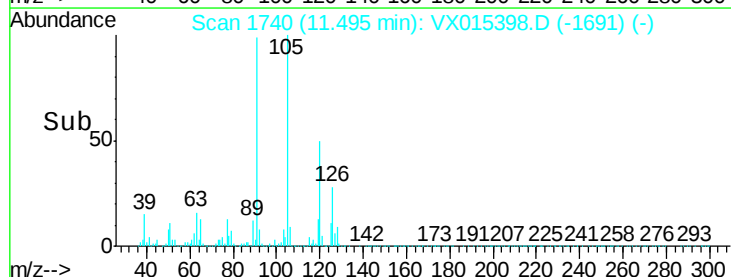
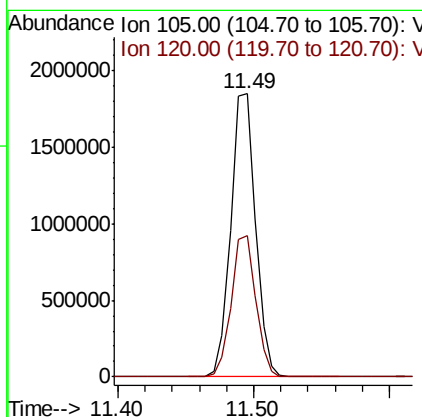
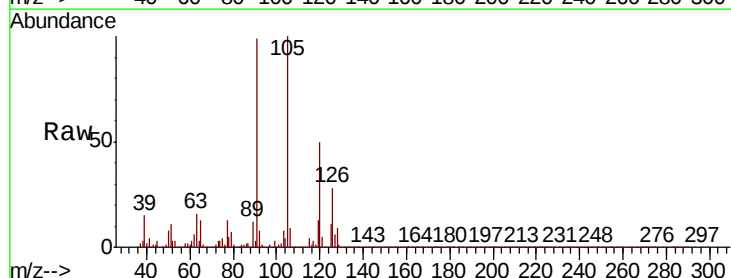
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

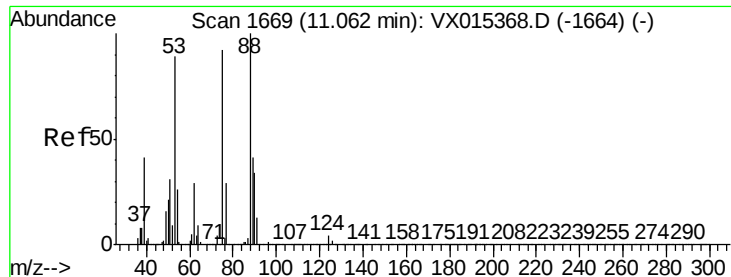
Tot Ion: 91 Resp: 1933944
 Ion Ratio Lower Upper
 91 100
 126 33.3 16.5 49.5



#80
 1,3,5-Trimethylbenzene
 Concen: 52.623 ug/l
 RT: 11.49 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: VX015398.D
 Acq: 27 Mar 2020 22:15

Tgt Ion: 105 Resp: 2342936
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 49.328 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. -0.00 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

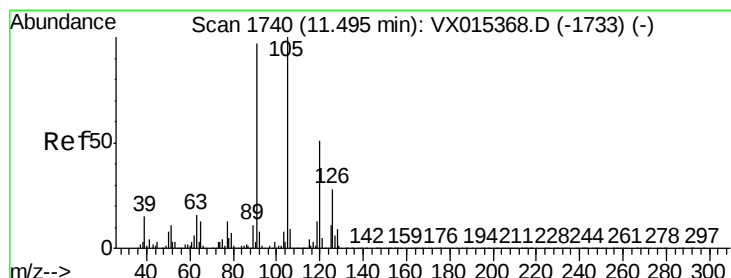
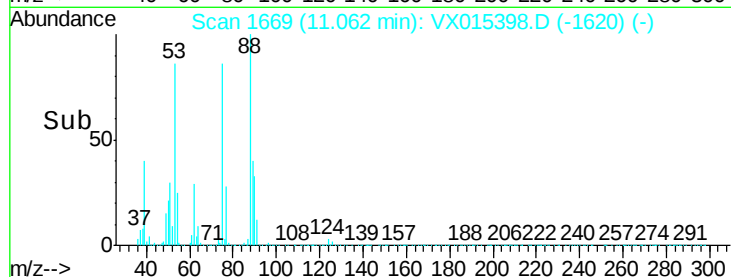
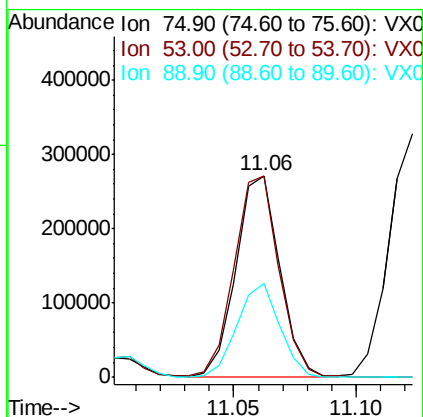
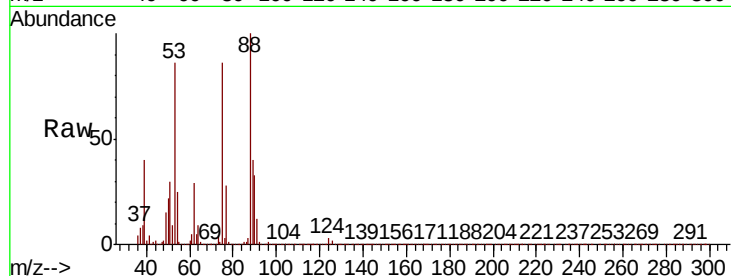
Tot Ion: 75 Resp: 336371

Ion Ratio Lower Upper

75 100

53 102.0 80.1 120.1

89 45.8 36.1 54.1



#82

4-Chlorotoluene

Concen: 52.865 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VX015398.D

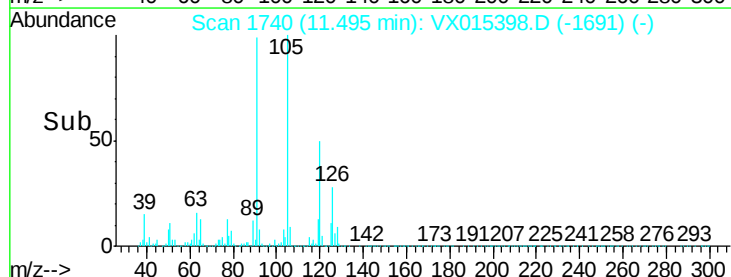
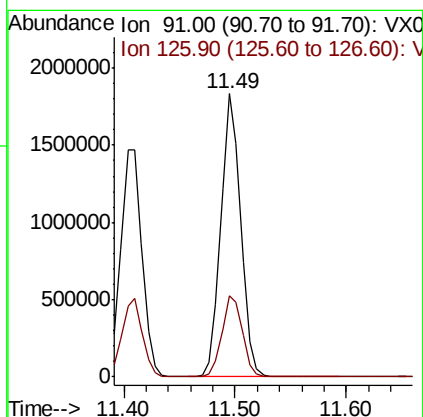
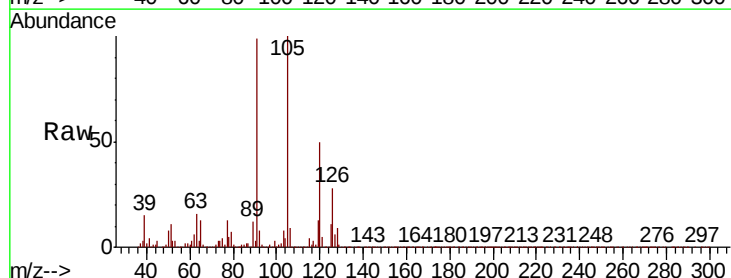
Acq: 27 Mar 2020 22:15

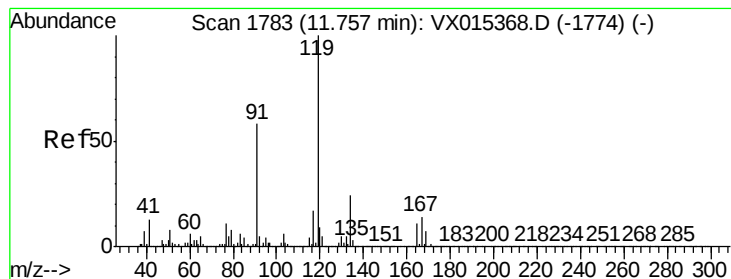
Tgt Ion: 91 Resp: 2264413

Ion Ratio Lower Upper

91 100

126 29.2 14.7 44.1





#83

tert-Butylbenzene

Concen: 53.480 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

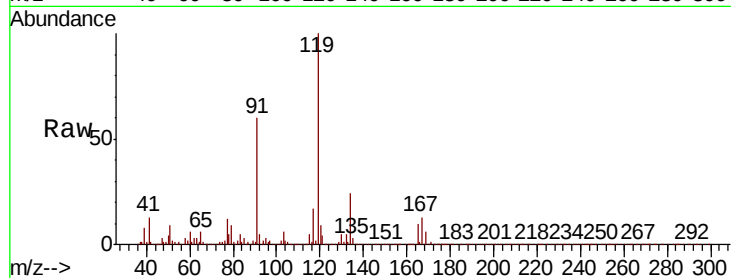
Tot Ion:119 Resp: 2325848

Ion Ratio Lower Upper

119 100

91 60.2 28.6 85.8

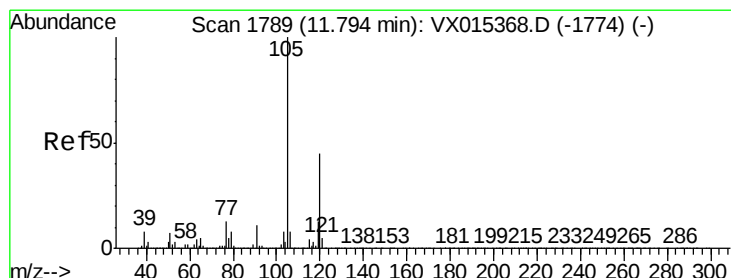
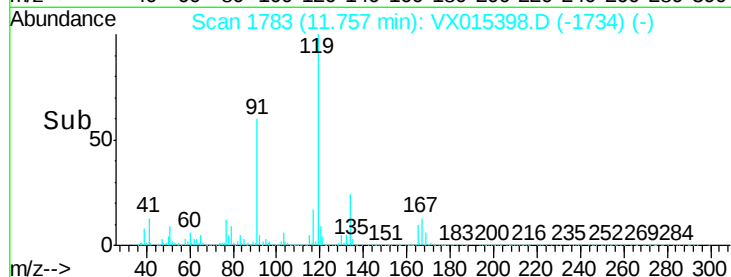
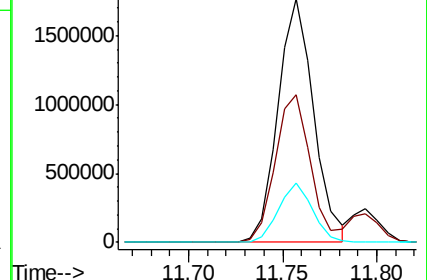
134 23.2 11.8 35.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 52.775 ug/l

RT: 11.79 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX015398.D

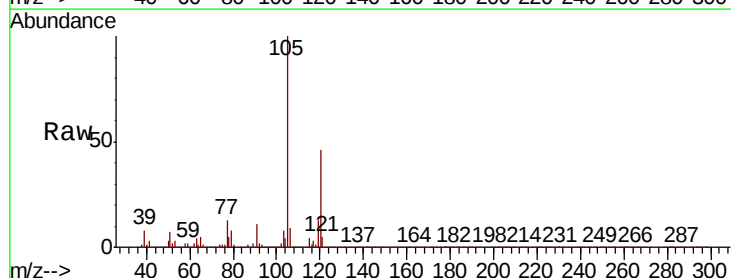
Acq: 27 Mar 2020 22:15

Tgt Ion:105 Resp: 2394491

Ion Ratio Lower Upper

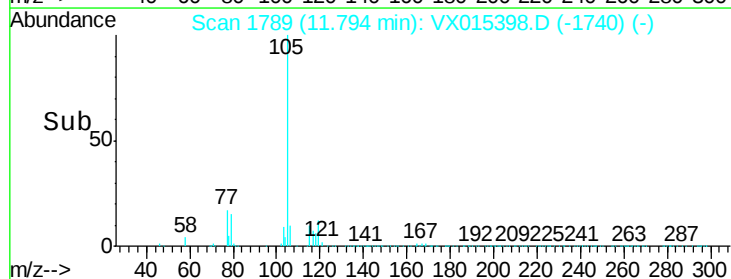
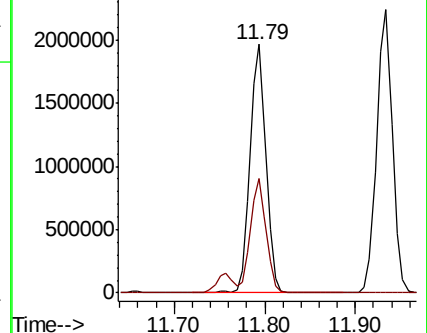
105 100

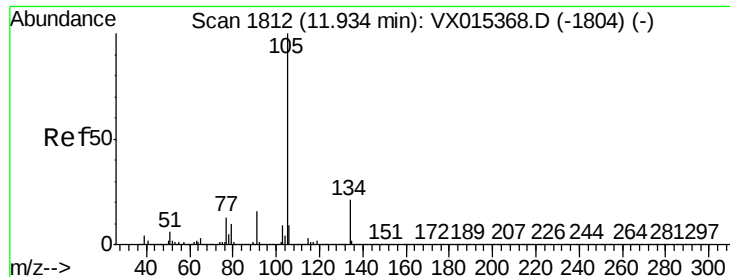
120 45.2 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 53.383 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

Instrument :

MSVOA_X

ClientSampleId :

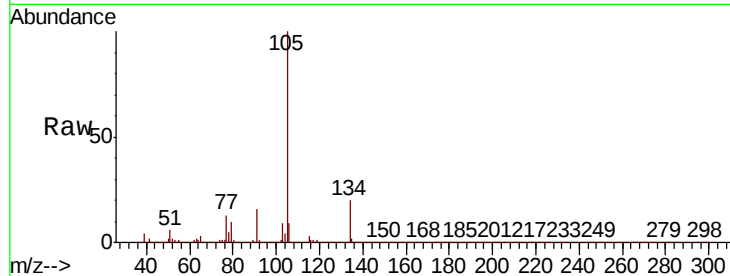
VSTDCCC050

Tot Ion:105 Resp: 2685056

Ion Ratio Lower Upper

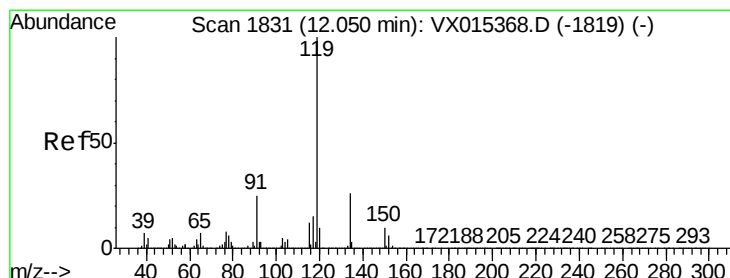
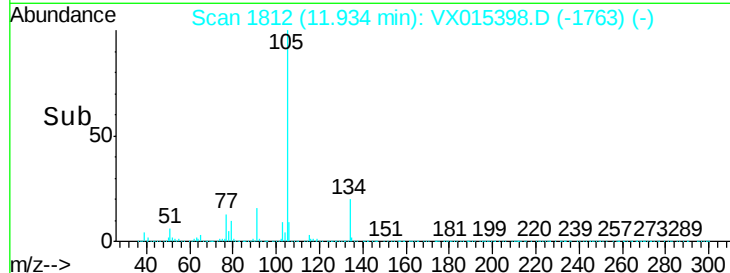
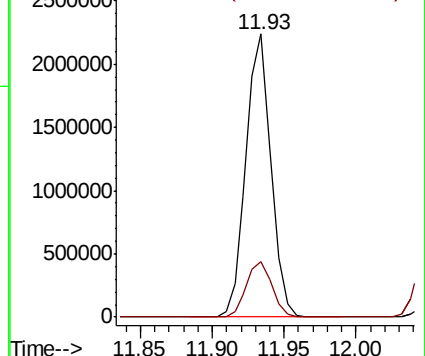
105 100

134 20.2 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.156 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

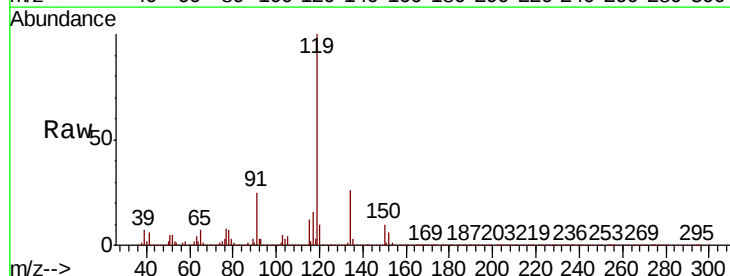
Tgt Ion:119 Resp: 2482054

Ion Ratio Lower Upper

119 100

134 26.6 13.1 39.3

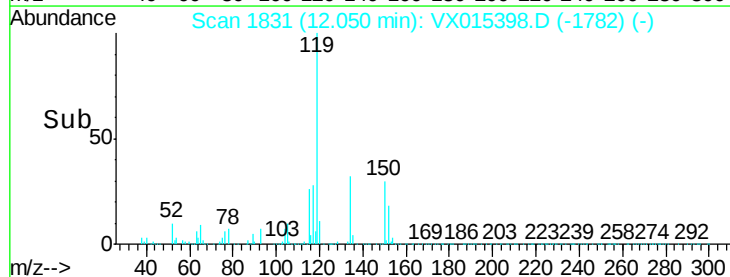
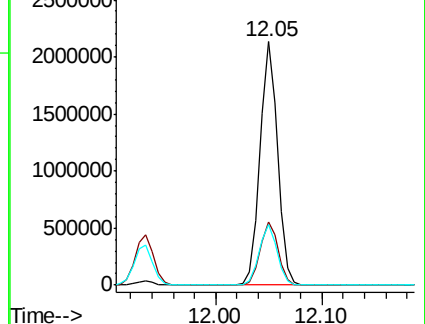
91 24.9 12.4 37.4

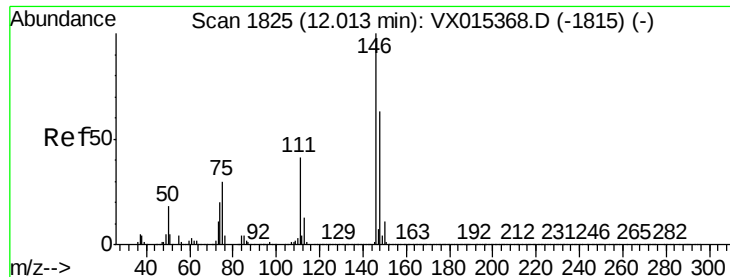


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 51.844 ug/l

RT: 12.01 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

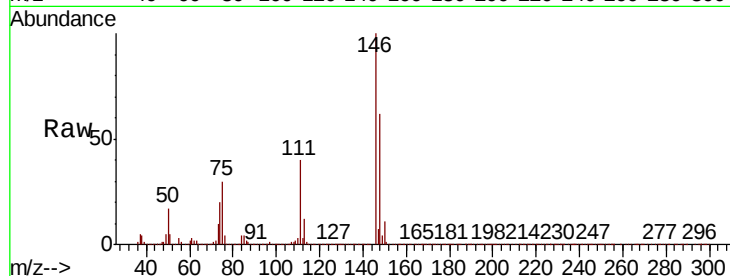
Tot Ion:146 Resp: 1290615

Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.3	60.9
148	63.4	31.3	93.9

146 100

111 40.1 20.3 60.9

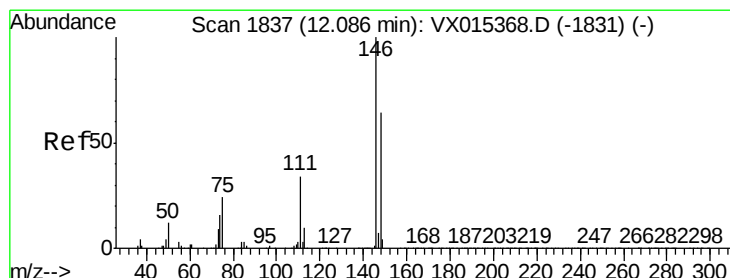
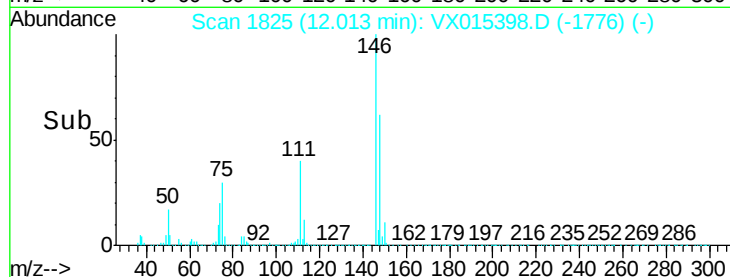
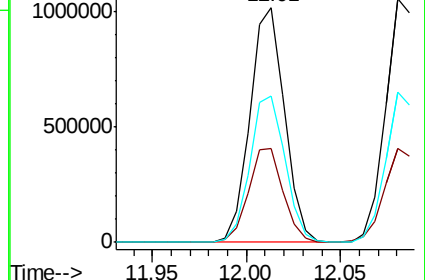
148 63.4 31.3 93.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 51.890 ug/l

RT: 12.08 min Scan# 1836

Delta R.T. -0.01 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

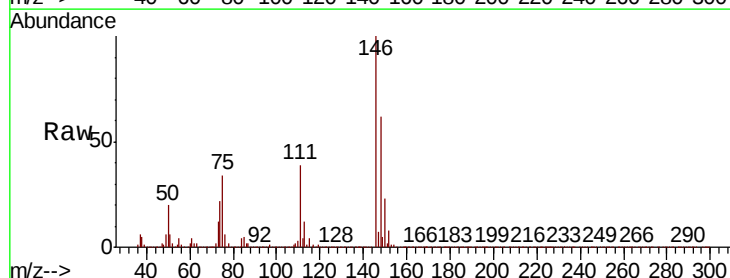
Tgt Ion:146 Resp: 1315782

Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.1	57.5
148	61.8	32.4	97.2

146 100

111 39.2 19.1 57.5

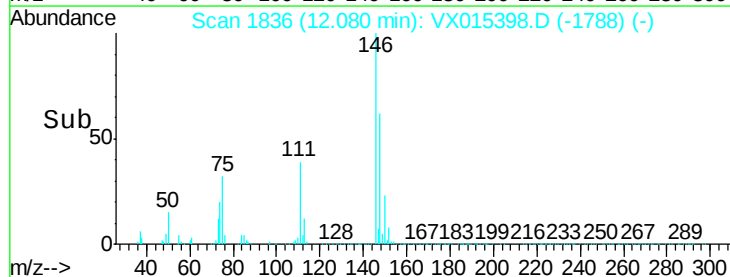
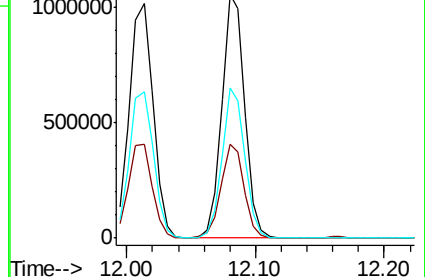
148 61.8 32.4 97.2

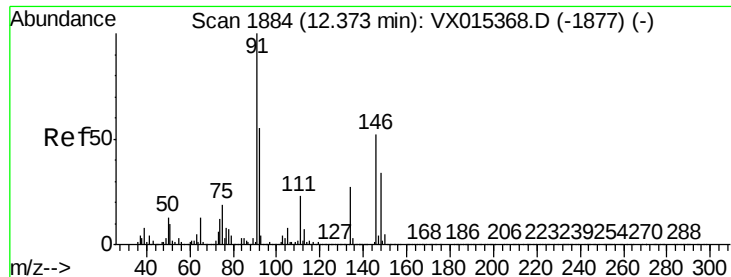


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

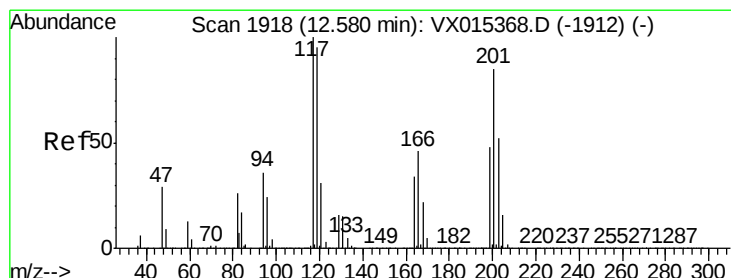
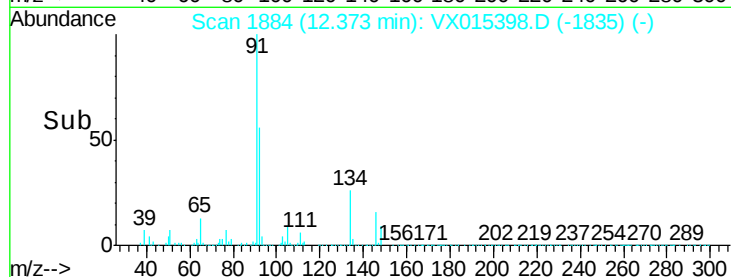
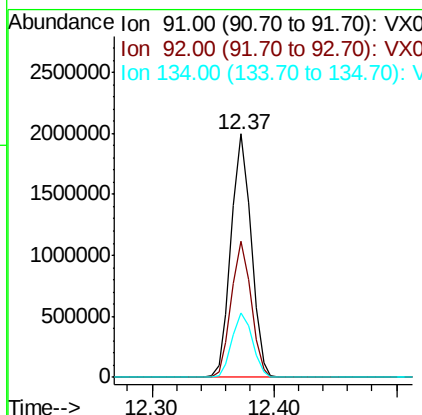
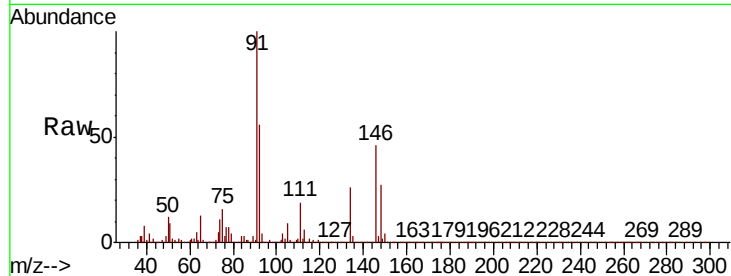




#89
n-Butylbenzene
Concen: 53.643 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX015398.D
Acq: 27 Mar 2020 22:15

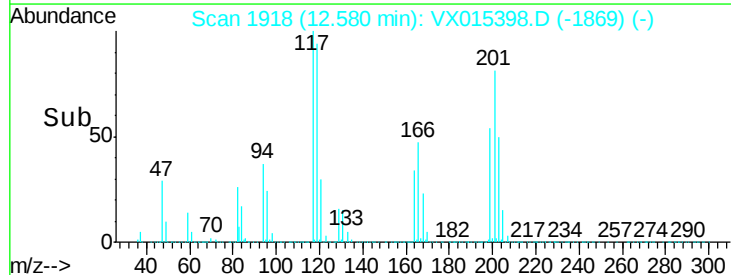
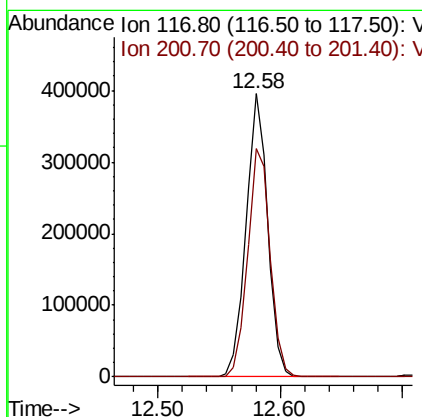
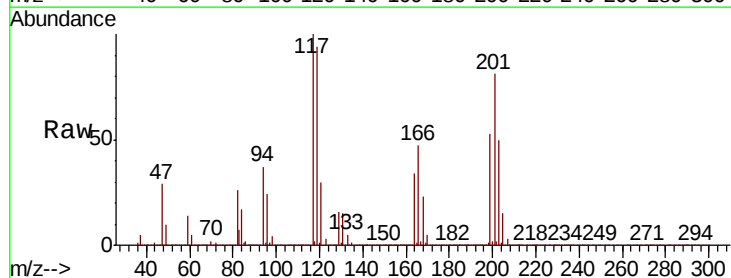
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

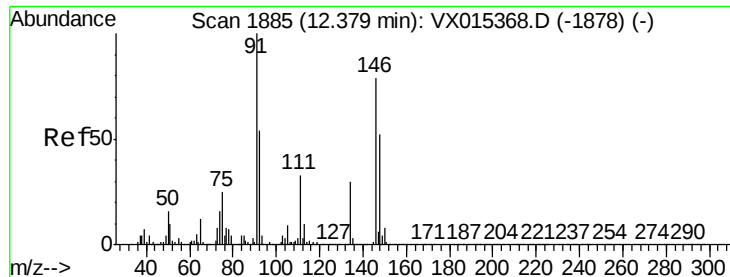
Tot Ion: 91 Resp: 2263515
Ion Ratio Lower Upper
91 100
92 55.2 27.2 81.5
134 26.7 13.4 40.2



#90
Hexachloroethane
Concen: 53.388 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VX015398.D
Acq: 27 Mar 2020 22:15

Tgt Ion: 117 Resp: 485211
Ion Ratio Lower Upper
117 100
201 83.9 42.6 128.0

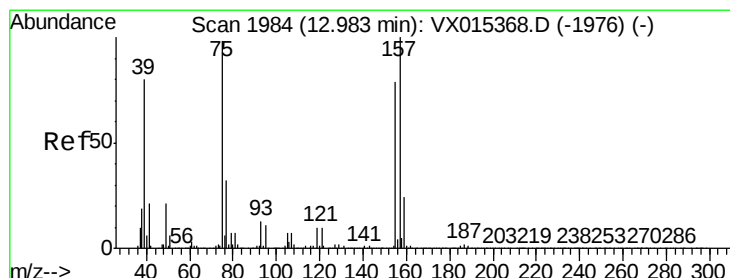
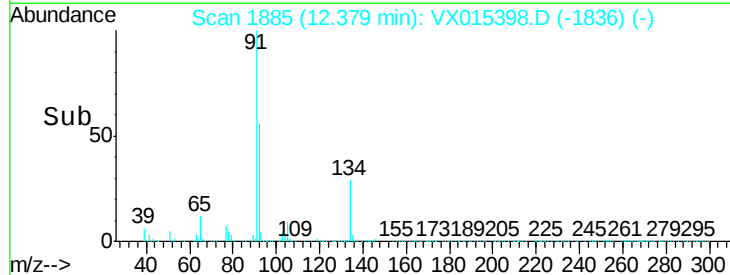
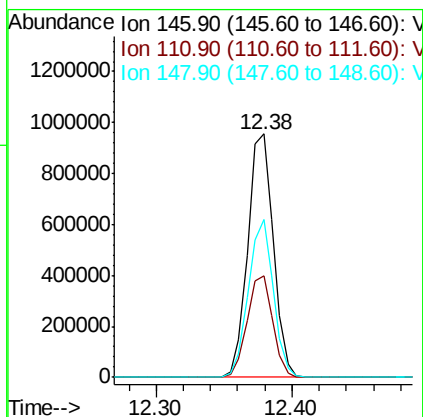
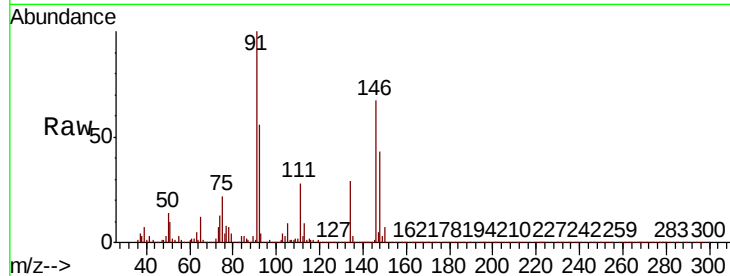




#91
 1,2-Dichlorobenzene
 Concen: 51.903 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. -0.00 min
 Lab File: VX015398.D
 Acq: 27 Mar 2020 22:15

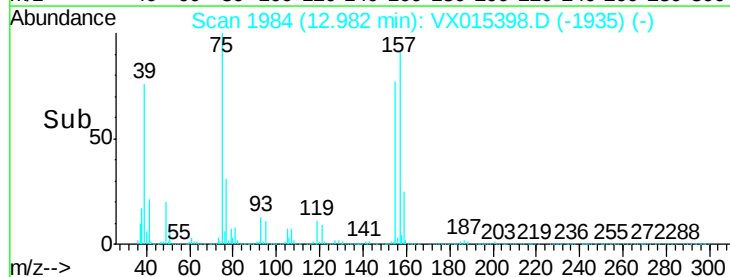
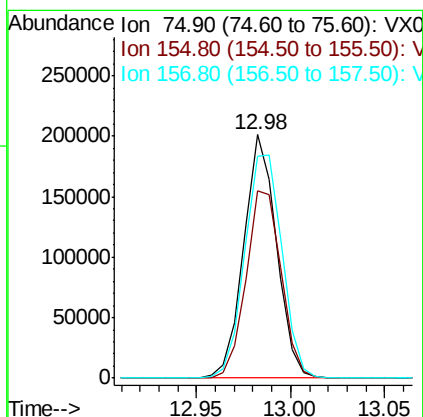
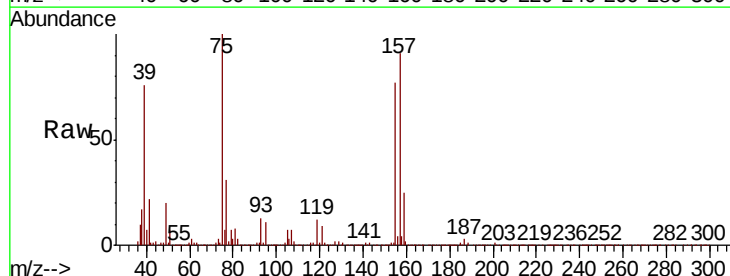
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

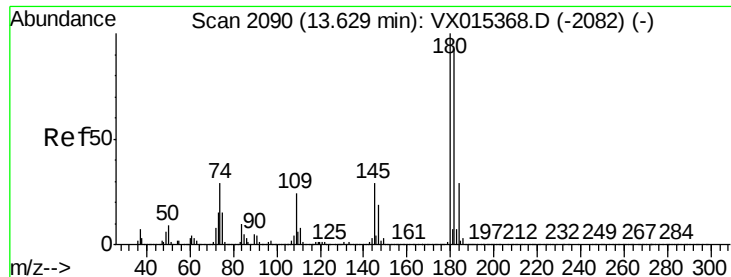
Tot Ion:146 Resp: 1264495
 Ion Ratio Lower Upper
 146 100
 111 41.5 21.0 63.0
 148 63.1 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.822 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. -0.00 min
 Lab File: VX015398.D
 Acq: 27 Mar 2020 22:15

Tgt Ion: 75 Resp: 241453
 Ion Ratio Lower Upper
 75 100
 155 83.1 42.8 128.4
 157 104.9 53.4 160.3

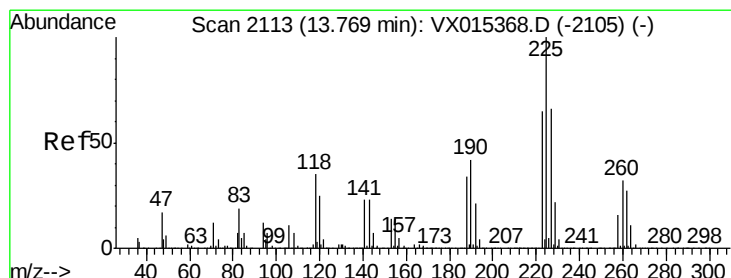
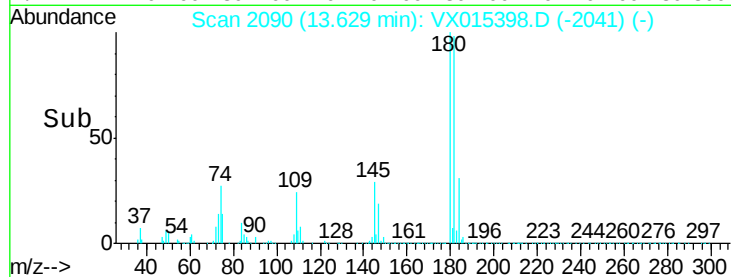
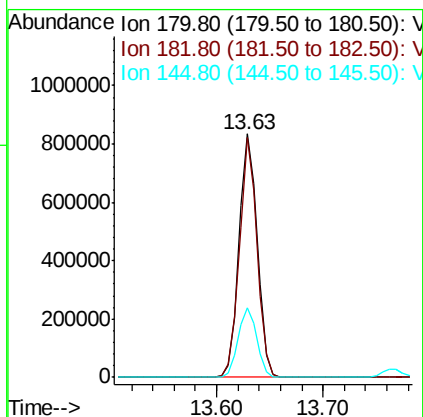
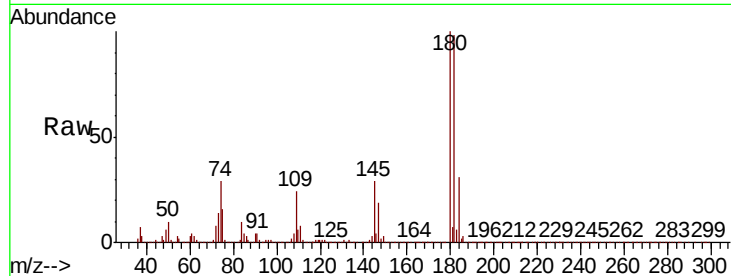




#93
 1,2,4-Trichlorobenzene
 Concen: 52.094 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: VX015398.D
 Acq: 27 Mar 2020 22:15

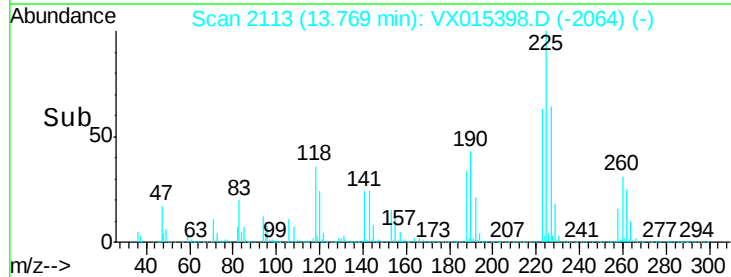
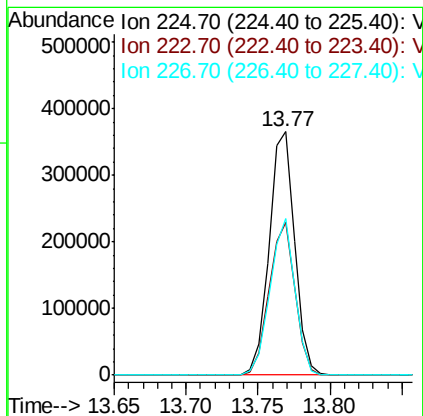
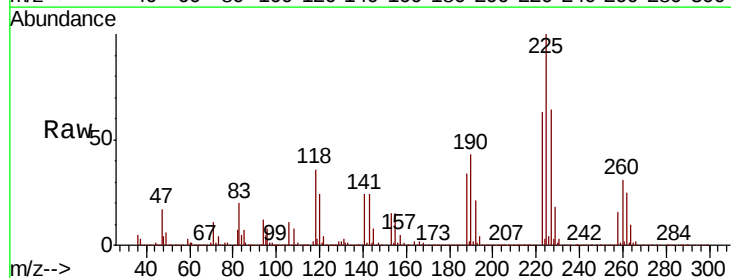
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

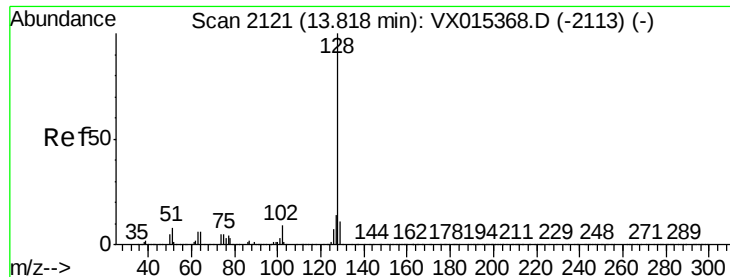
Tot Ion:180 Resp: 1003889
 Ion Ratio Lower Upper
 180 100
 182 94.8 46.9 140.7
 145 29.3 14.9 44.5



#94
 Hexachlorobutadiene
 Concen: 48.578 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VX015398.D
 Acq: 27 Mar 2020 22:15

Tgt Ion:225 Resp: 445694
 Ion Ratio Lower Upper
 225 100
 223 63.5 31.9 95.7
 227 62.9 30.4 91.3

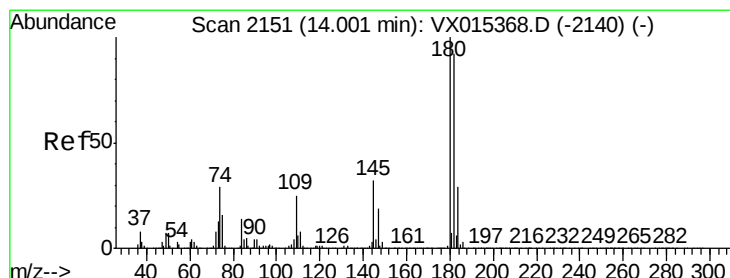
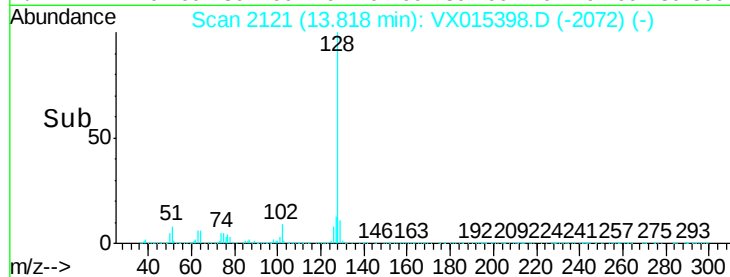
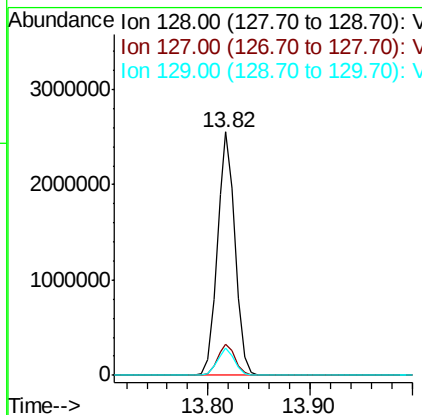
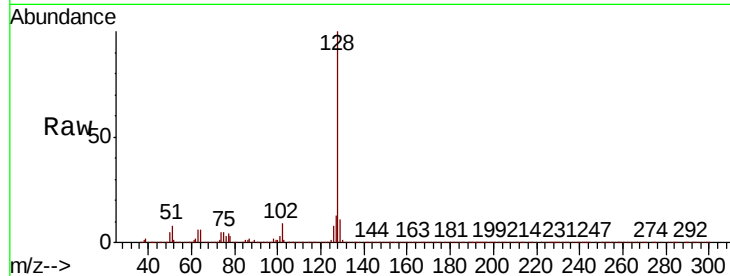




#95
Naphthalene
Concen: 52.622 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. -0.00 min
Lab File: VX015398.D
Acq: 27 Mar 2020 22:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 3093201
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 51.513 ug/l
RT: 14.00 min Scan# 2151
Delta R.T. -0.00 min
Lab File: VX015398.D
Acq: 27 Mar 2020 22:15

Tgt Ion:180 Resp: 955742
Ion Ratio Lower Upper
180 100
182 95.5 46.7 140.0
145 33.5 15.8 47.3

