

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032720\
 Data File : VX015396.D
 Acq On : 27 Mar 2020 20:45
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 30 01:47:20 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	5.64	168	1077301	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1754159	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1600231	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	830226	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	717970	47.25	ug/l	0.00
Spiked Amount			Recovery	=	94.50%	
35) Dibromofluoromethane	5.47	113	530275	47.29	ug/l	0.00
Spiked Amount			Recovery	=	94.58%	
50) Toluene-d8	8.70	98	1941725	47.03	ug/l	0.00
Spiked Amount			Recovery	=	94.06%	
62) 4-Bromofluorobenzene	11.12	95	792994	47.26	ug/l	0.00
Spiked Amount			Recovery	=	94.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	513490	54.102	ug/l	100
3) Chloromethane	1.31	50	580667	48.041	ug/l	99
4) Vinyl Chloride	1.39	62	553229	49.847	ug/l	98
5) Bromomethane	1.62	94	243421	47.113	ug/l	98
6) Chloroethane	1.70	64	348244	50.592	ug/l	100
7) Trichlorofluoromethane	1.91	101	766627	51.506	ug/l	99
8) Diethyl Ether	2.17	74	292098	46.528	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	500271	51.559	ug/l	98
10) Methyl Iodide	2.49	142	401318	30.677	ug/l	100
11) Tert butyl alcohol	3.01	59	878695	241.612	ug/l	100
12) 1,1-Dichloroethene	2.36	96	523868	51.507	ug/l	100
13) Acrolein	2.27	56	276864	133.642	ug/l	98
14) Allyl chloride	2.70	41	1189281	50.043	ug/l	99
15) Acrylonitrile	3.12	53	1713907	247.116	ug/l	100
16) Acetone	2.42	43	1592832	244.009	ug/l	98
17) Carbon Disulfide	2.55	76	1559148	50.252	ug/l	100
18) Methyl Acetate	2.75	43	828880	49.751	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	1947339	49.366	ug/l	99
20) Methylene Chloride	2.83	84	590769	48.452	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	552841	48.977	ug/l	97
22) Diisopropyl ether	3.83	45	2125753	50.479	ug/l	97
23) Vinyl Acetate	3.79	43	9665038	253.489	ug/l	99
24) 1,1-Dichloroethane	3.67	63	1105176	49.845	ug/l	99
25) 2-Butanone	4.64	43	2567735	244.593	ug/l	97
26) 2,2-Dichloropropane	4.56	77	857822	47.135	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	641457	49.119	ug/l	97
28) Bromochloromethane	4.98	49	520201	49.140	ug/l	99
29) Tetrahydrofuran	5.09	42	1646178	243.918	ug/l	100
30) Chloroform	5.18	83	1064724	49.913	ug/l	97
31) Cyclohexane	5.55	56	1017760	52.914	ug/l	97
32) 1,1,1-Trichloroethane	5.47	97	973752	50.440	ug/l	99
36) 1,1-Dichloropropene	5.77	75	804948	49.803	ug/l	100
37) Ethyl Acetate	4.80	43	1018435	48.393	ug/l	100
38) Carbon Tetrachloride	5.76	117	866237	49.483	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	953705	51.177	ug/l	97
40) Benzene	6.12	78	2324574	49.099	ug/l	99
41) Methacrylonitrile	5.01	41	583213	49.922	ug/l	99
42) 1,2-Dichloroethane	6.17	62	936306	49.234	ug/l	100
43) Isopropyl Acetate	6.42	43	1742548	49.050	ug/l	100
44) Trichloroethene	7.19	130	643566	49.842	ug/l	96
45) 1,2-Dichloropropane	7.50	63	635521	49.069	ug/l	100
46) Dibromomethane	7.64	93	414175	48.750	ug/l	99
47) Bromodichloromethane	7.88	83	884628	48.866	ug/l	97
48) Methyl methacrylate	7.75	41	872336	49.160	ug/l	100
49) 1,4-Dioxane	7.72	88	316946	957.456	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	4959263	246.322	ug/l	99
52) Toluene	8.77	92	1446459	49.555	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	1005958	47.380	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	1039811	48.077	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	582790	48.732	ug/l	97
56) Ethyl methacrylate	9.16	69	1041042	49.394	ug/l	100
57) 1,3-Dichloropropane	9.36	76	1028117	47.717	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	2464395	240.393	ug/l	99
59) 2-Hexanone	9.48	43	3789730	249.321	ug/l	100
60) Dibromochloromethane	9.57	129	702345	48.875	ug/l	98
61) 1,2-Dibromoethane	9.65	107	625545	48.106	ug/l	100
64) Tetrachloroethene	9.32	164	587060	48.612	ug/l	98
65) Chlorobenzene	10.12	112	1577440	49.429	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	620282	48.651	ug/l	99
67) Ethyl Benzene	10.24	91	2804605	49.550	ug/l	99
68) m/p-Xylenes	10.34	106	2112537	100.232	ug/l	99
69) o-Xylene	10.68	106	1023203	49.129	ug/l	96
70) Styrene	10.70	104	1795370	48.988	ug/l	100
71) Bromoform	10.84	173	551206	47.491	ug/l #	97
73) Isopropylbenzene	11.00	105	2778275	51.073	ug/l	99
74) N-amyl acetate	10.88	43	1484392	49.062	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	904604	48.463	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	1112086	65.137	ug/l	83
77) Bromobenzene	11.24	156	697720	48.085	ug/l	97
78) n-propylbenzene	11.35	91	3157166	50.756	ug/l	100
79) 2-Chlorotoluene	11.40	91	1900796	49.856	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	2349213	50.567	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	337055	47.370	ug/l	97
82) 4-Chlorotoluene	11.50	91	2231167	49.920	ug/l	99
83) tert-Butylbenzene	11.76	119	2292771	50.525	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	2385156	50.381	ug/l	99
85) sec-Butylbenzene	11.93	105	2649824	50.489	ug/l	99
86) p-Isopropyltoluene	12.05	119	2492907	51.165	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	1257351	48.405	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	1282587	48.475	ug/l	99
89) n-Butylbenzene	12.37	91	2247669	51.050	ug/l	100
90) Hexachloroethane	12.58	117	474207	50.005	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	1247762	49.084	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	238985	45.362	ug/l	98

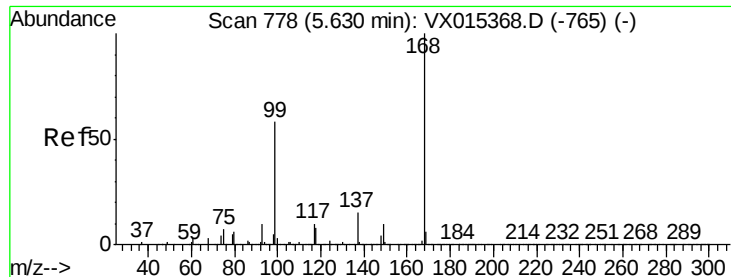
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032720\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	991867	49.328	ug/l	99
94) Hexachlorobutadiene	13.77	225	440181	45.979	ug/l	97
95) Naphthalene	13.82	128	3067624	50.014	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	949232	49.032	ug/l	99

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

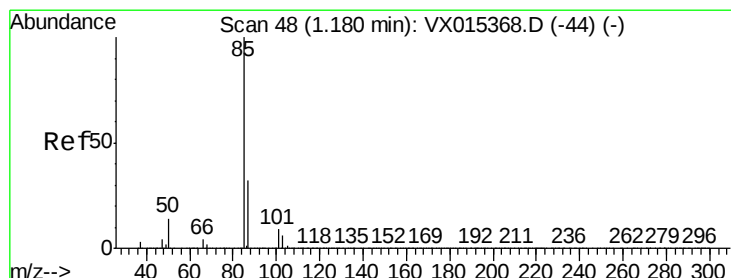
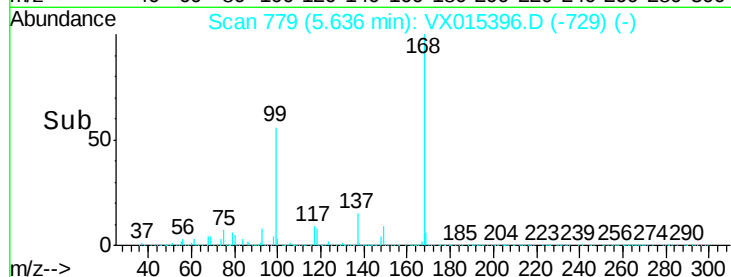
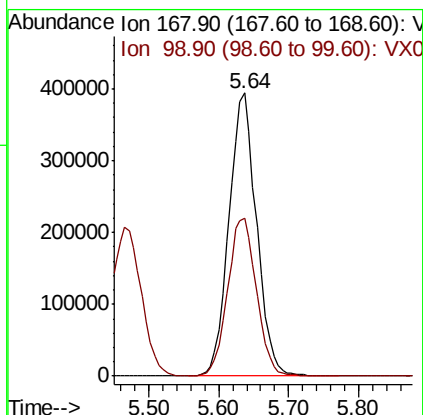
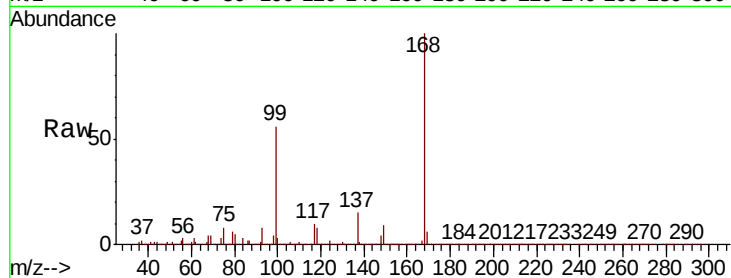


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.64 min Scan# 779
 Delta R.T. 0.01 min
 Lab File: VX015396.D
 Acq: 27 Mar 2020 20:45

Instrument :
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 ClientSampleId :
 VSTDCCC050EC

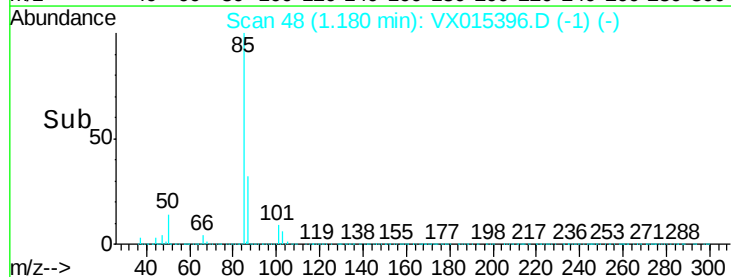
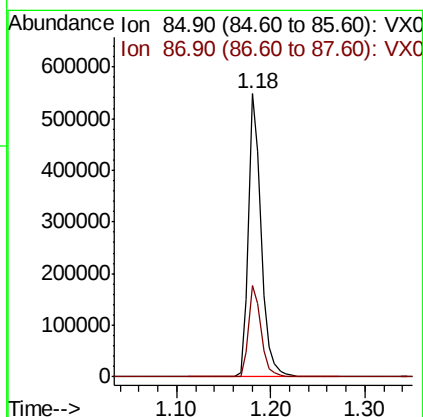
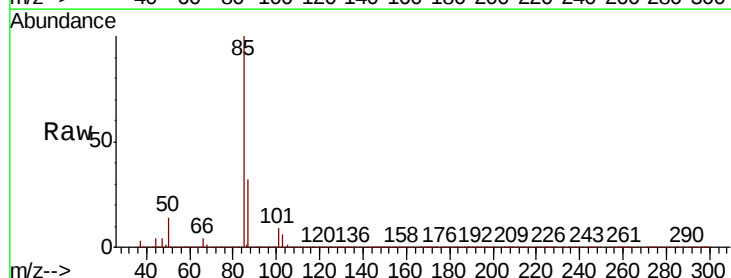
Tot Ion:168 Resp: 1077301
 Ion Ratio Lower Upper
 168 100
 99 55.9 46.4 69.6

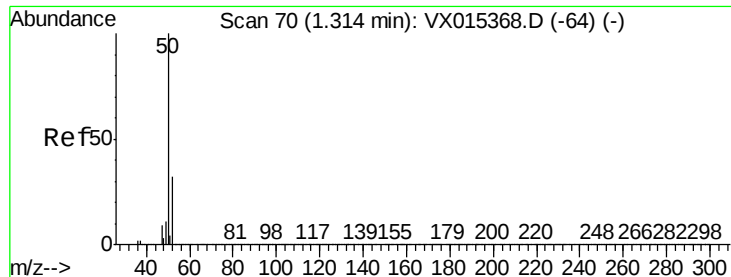


#2

Dichlorodifluoromethane
 Concen: 54.102 ug/l
 RT: 1.18 min Scan# 48
 Delta R.T. 0.00 min
 Lab File: VX015396.D
 Acq: 27 Mar 2020 20:45

Tgt Ion: 85 Resp: 513490
 Ion Ratio Lower Upper
 85 100
 87 32.1 16.0 47.9

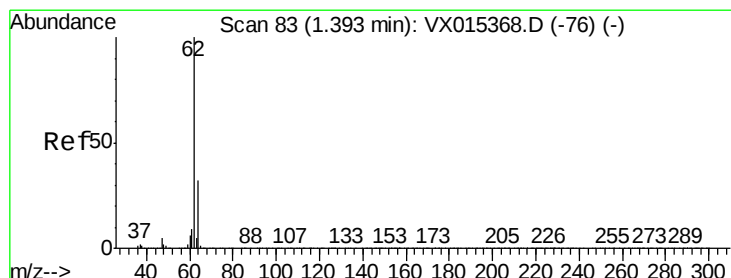
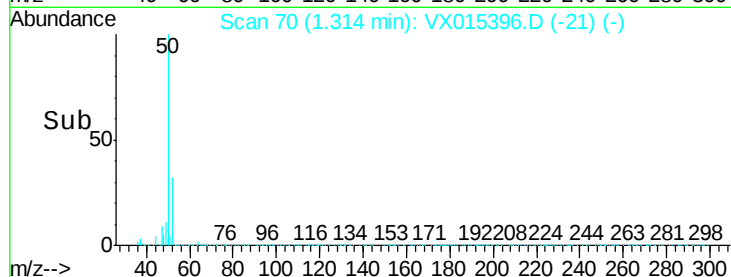
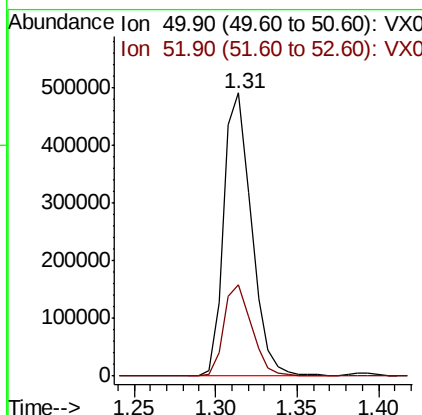
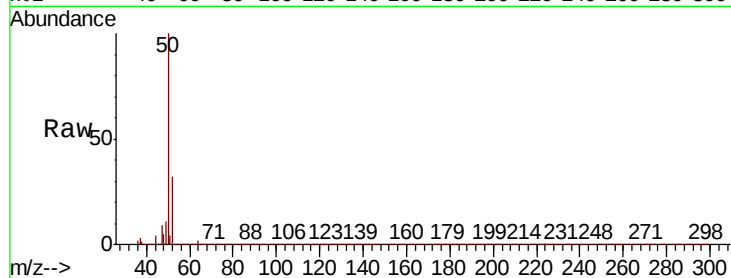




#3
Chloromethane
Concen: 48.041 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

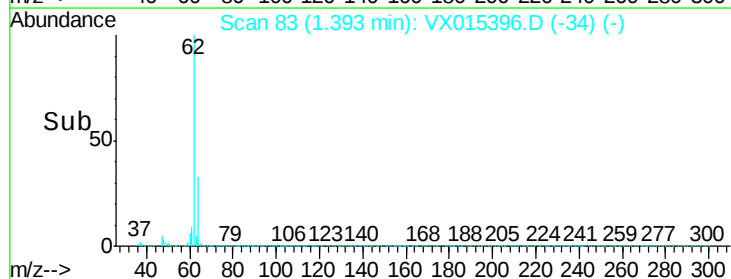
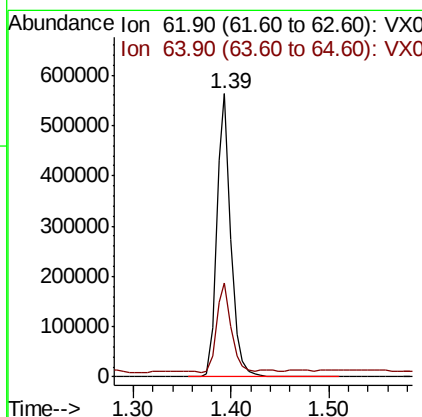
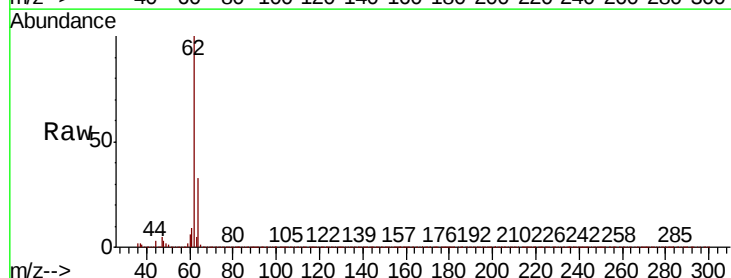
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

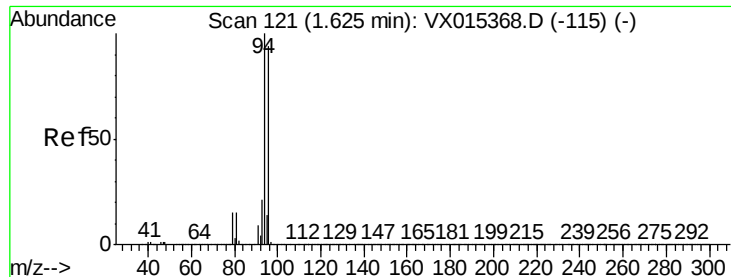
Tot Ion: 50 Resp: 580667
Ion Ratio Lower Upper
50 100
52 32.1 25.3 37.9



#4
Vinyl Chloride
Concen: 49.847 ug/l
RT: 1.39 min Scan# 83
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

Tgt Ion: 62 Resp: 553229
Ion Ratio Lower Upper
62 100
64 31.3 26.0 39.0





#5

Bromomethane

Concen: 47.113 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

Instrument :

MSVOA_X

ClientSampleId :

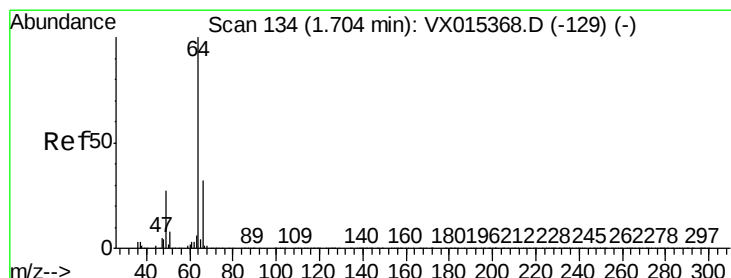
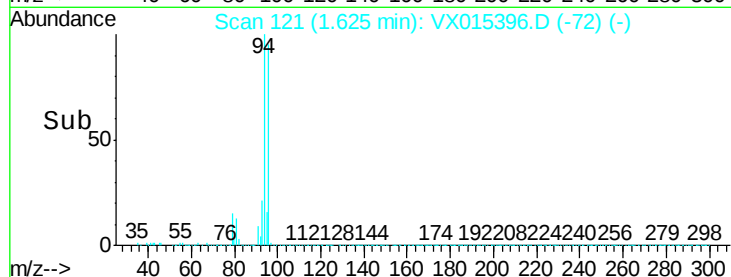
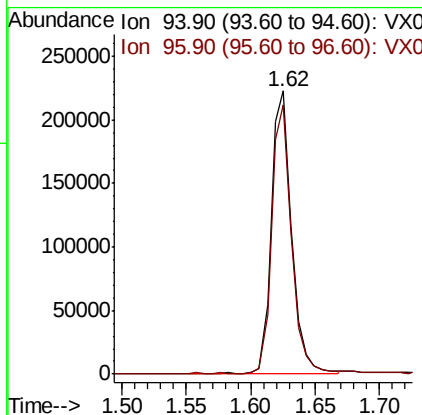
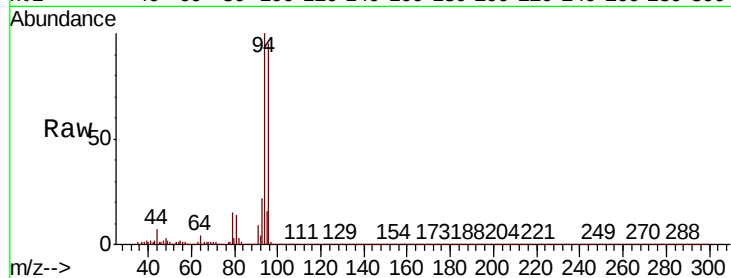
VSTDCCC050EC

Tot Ion: 94 Resp: 243421

Ion Ratio Lower Upper

94 100

96 95.2 74.8 112.2



#6

Chloroethane

Concen: 50.592 ug/l

RT: 1.70 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX015396.D

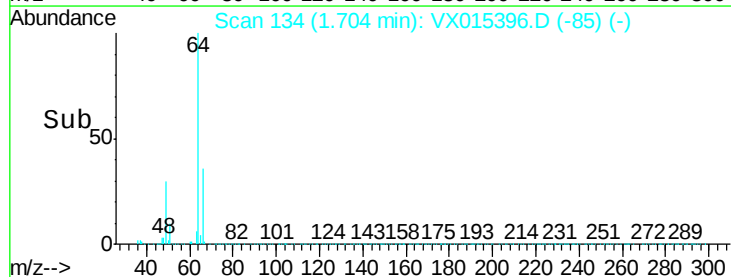
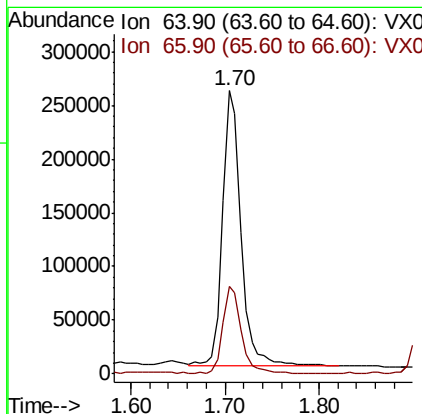
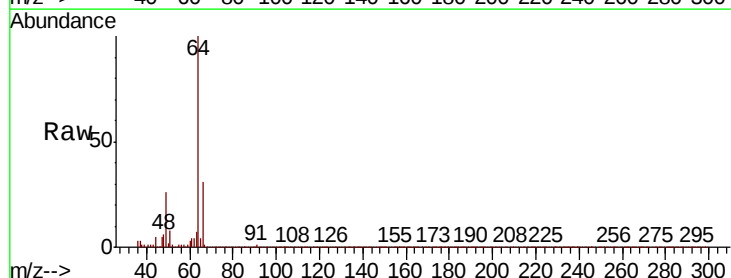
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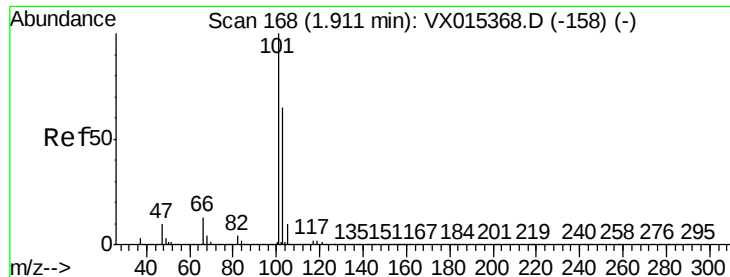
Tgt Ion: 64 Resp: 348244

Ion Ratio Lower Upper

64 100

66 31.8 25.4 38.2



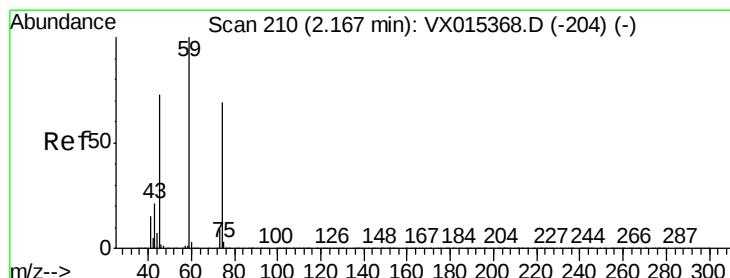
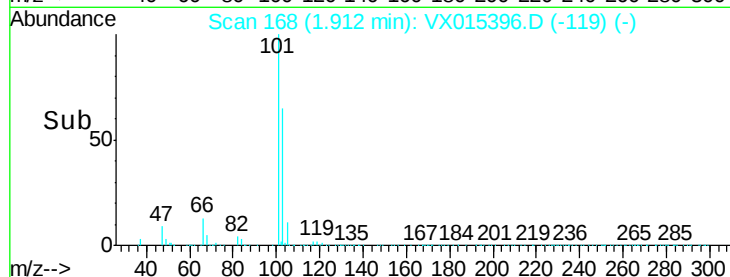
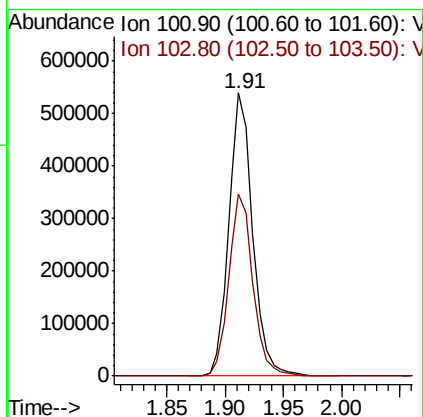
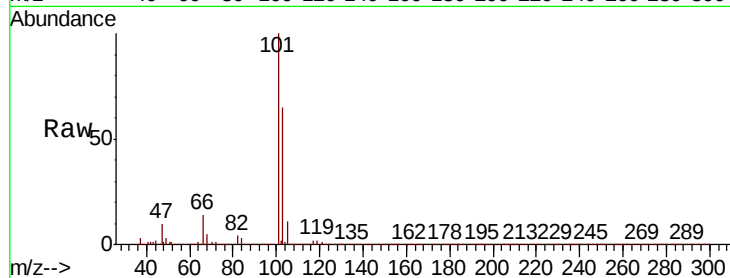


#7

Trichlorofluoromethane
Concen: 51.506 ug/l
RT: 1.91 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

Instrument :
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ClientSampleId :
VSTDCCC050EC

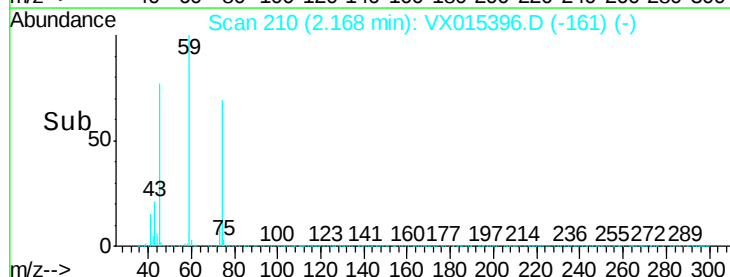
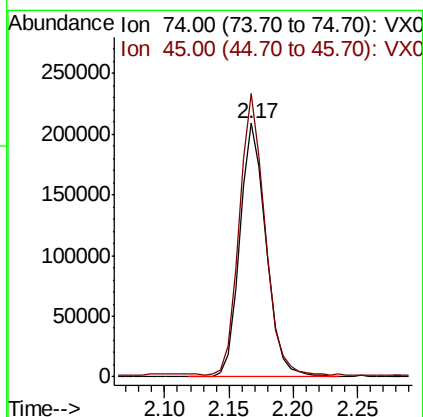
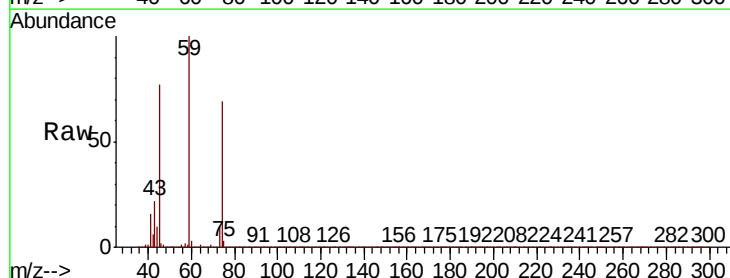
Tot Ion:101 Resp: 766627
Ion Ratio Lower Upper
101 100
103 64.5 52.3 78.5

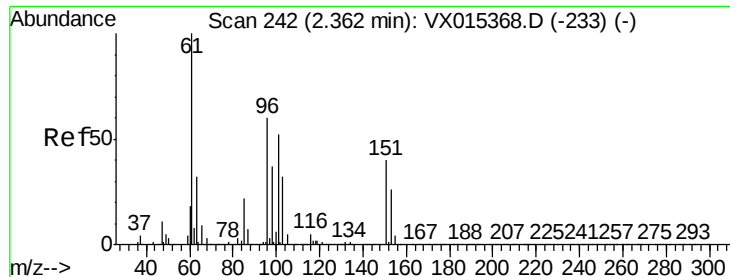


#8

Diethyl Ether
Concen: 46.528 ug/l
RT: 2.17 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

Tgt Ion: 74 Resp: 292098
Ion Ratio Lower Upper
74 100
45 109.5 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.559 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

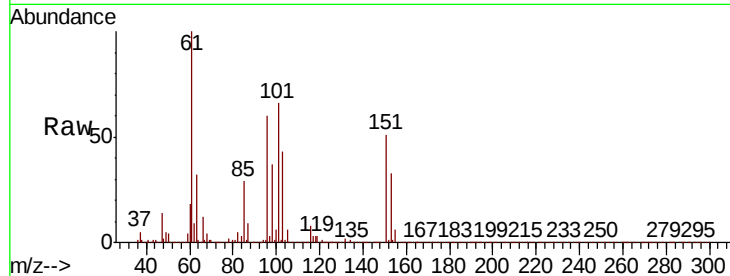
Tot Ion:101 Resp: 500271

Ion Ratio Lower Upper

101 100

85 44.4 35.0 52.4

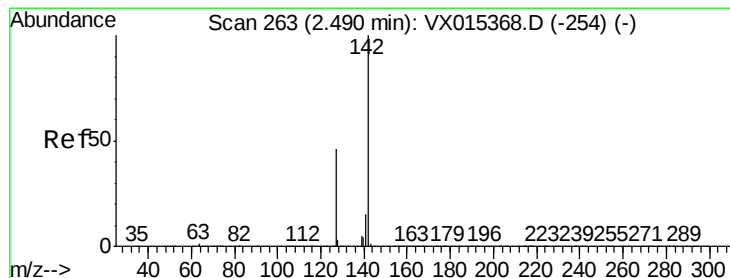
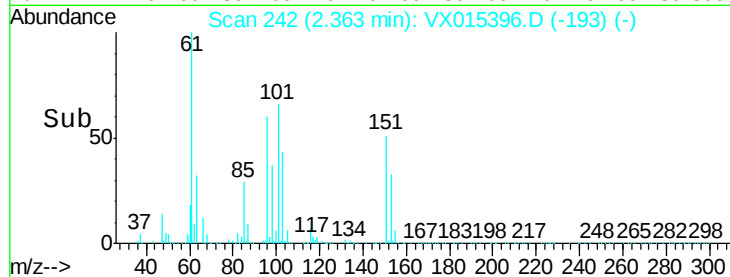
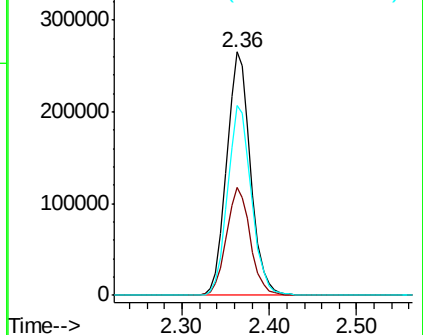
151 78.5 64.1 96.1



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: 30.677 ug/l

RT: 2.49 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

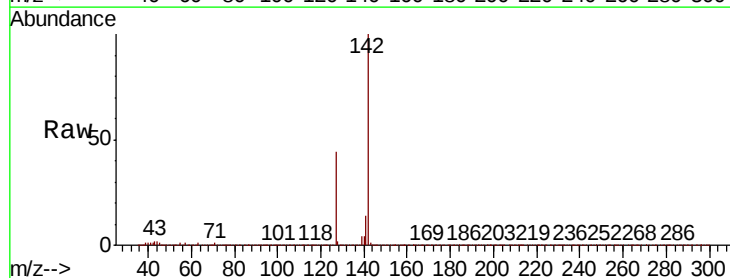
Tgt Ion:142 Resp: 401318

Ion Ratio Lower Upper

142 100

127 45.2 35.9 53.9

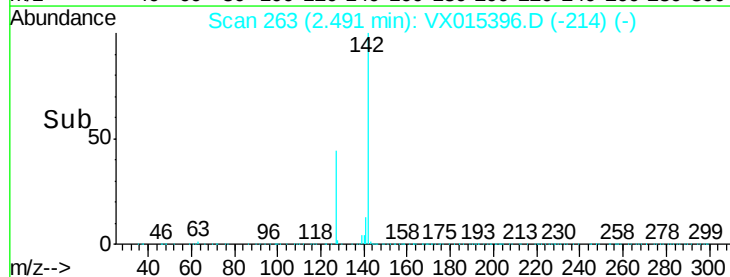
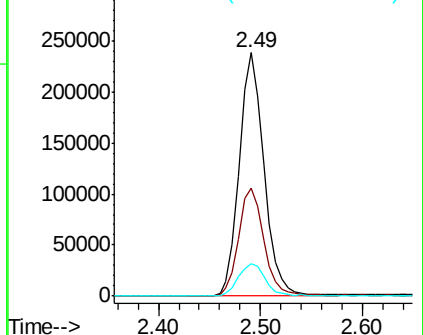
141 14.4 11.6 17.4

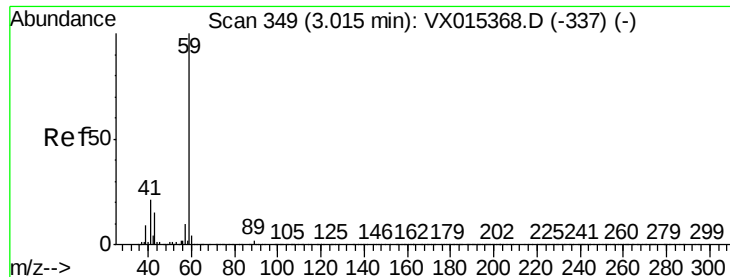


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

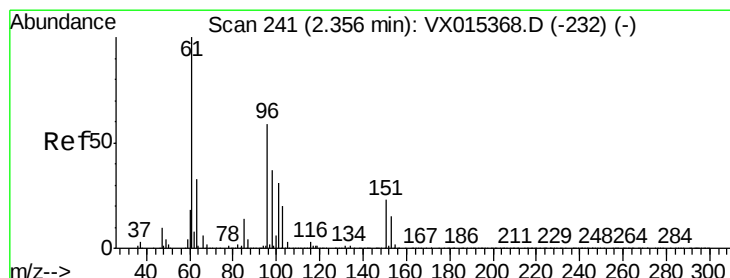
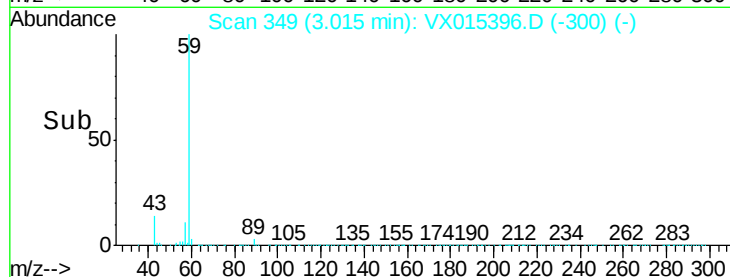
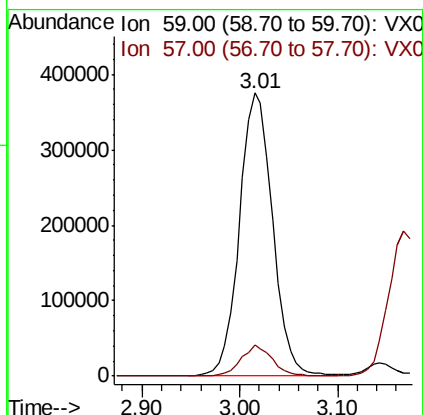
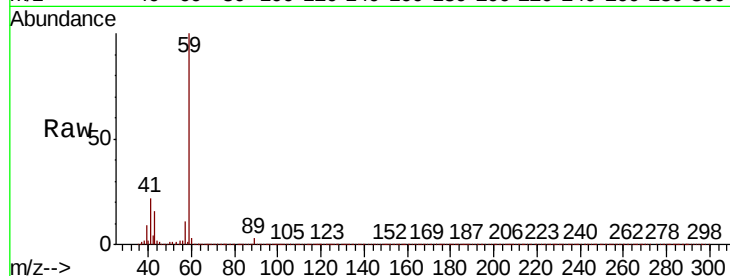




#11
Tert butyl alcohol
Concen: 241.612 ug/l
RT: 3.01 min Scan# 349
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

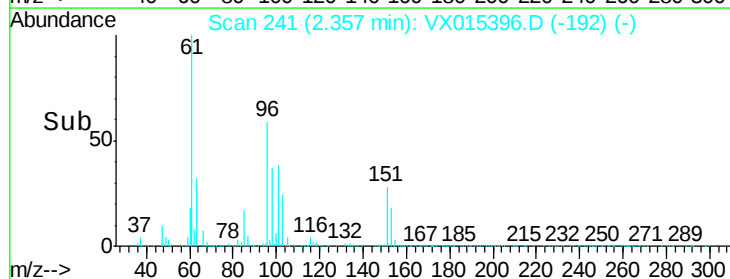
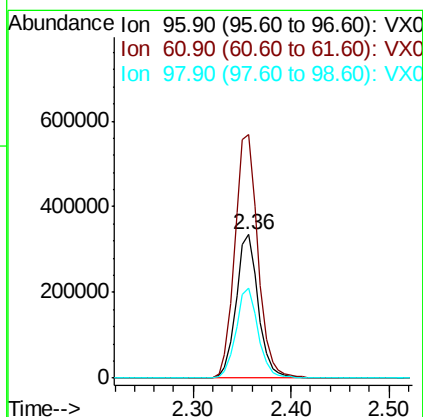
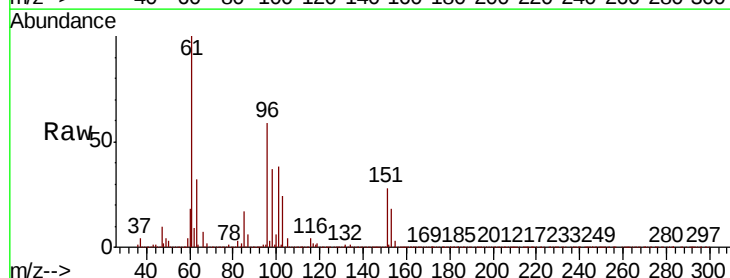
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

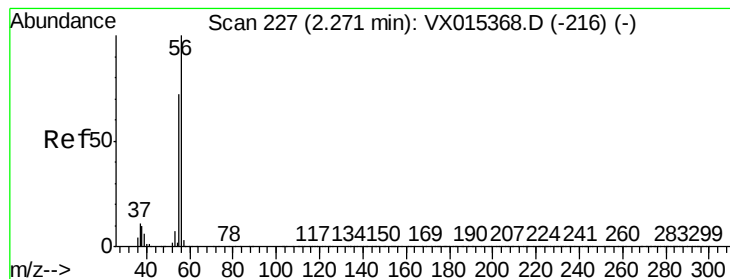
Tot Ion: 59 Resp: 878695
Ion Ratio Lower Upper
59 100
57 10.1 8.1 12.1



#12
1,1-Dichloroethene
Concen: 51.507 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

Tgt Ion: 96 Resp: 523868
Ion Ratio Lower Upper
96 100
61 169.7 135.7 203.5
98 62.8 50.6 75.8





#13

Acrolein

Concen: 133.642 ug/l

RT: 2.27 min Scan# 227

Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

Instrument :

MSVOA_X

ClientSampleId :

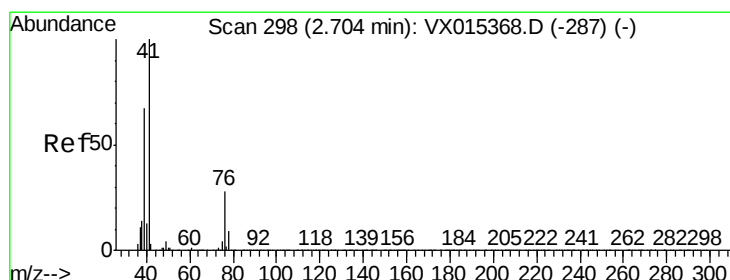
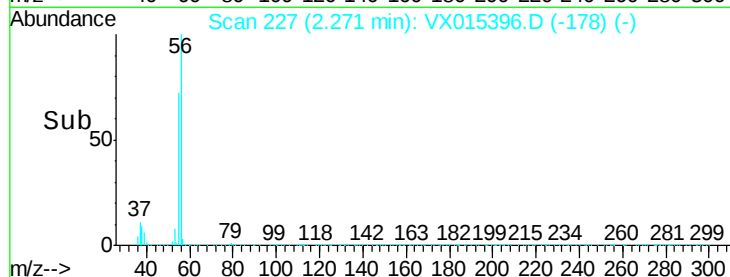
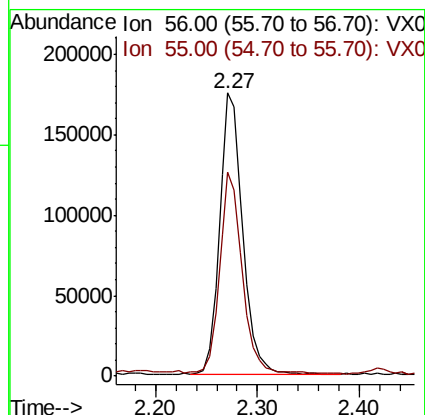
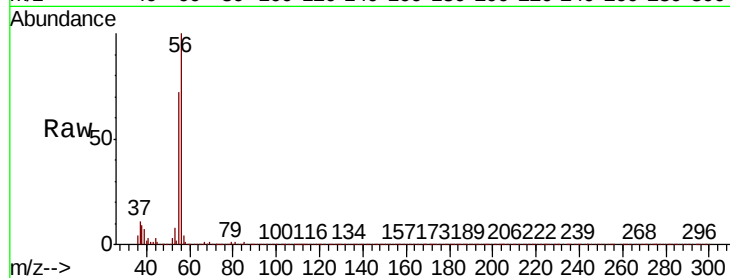
VSTDCCC050EC

Tot Ion: 56 Resp: 276864

Ion Ratio Lower Upper

56 100

55 69.4 57.0 85.4



#14

Allyl chloride

Concen: 50.043 ug/l

RT: 2.70 min Scan# 298

Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

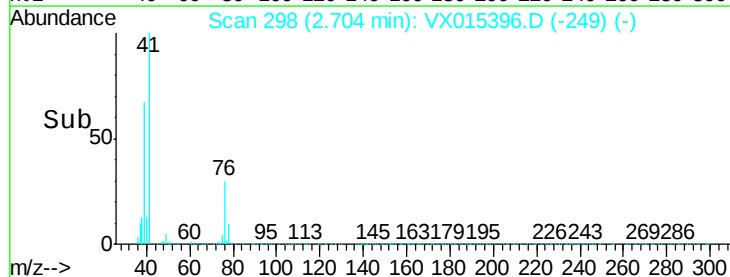
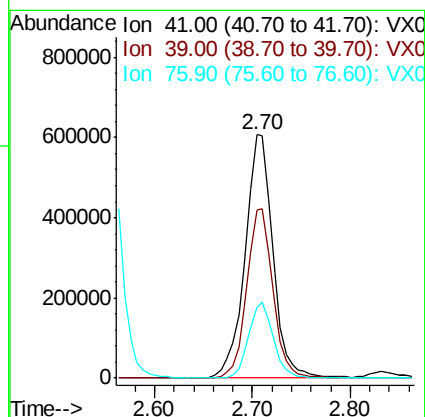
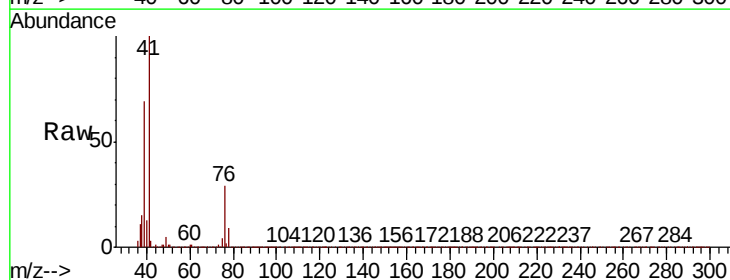
Tgt Ion: 41 Resp: 1189281

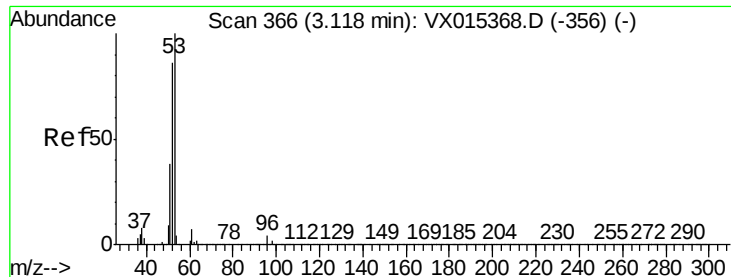
Ion Ratio Lower Upper

41 100

39 65.3 51.4 77.0

76 27.6 21.8 32.8





#15

Acrylonitrile

Concen: 247.116 ug/l

RT: 3.12 min Scan# 366

Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

Instrument :

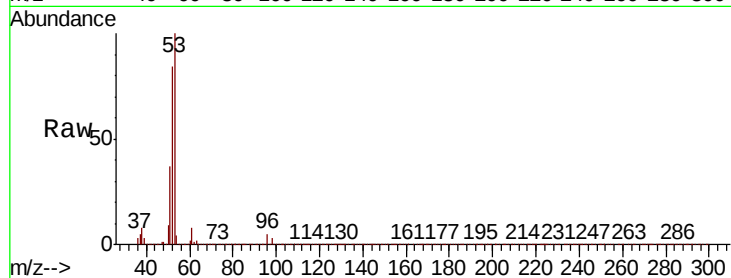
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 53 Resp: 1713907

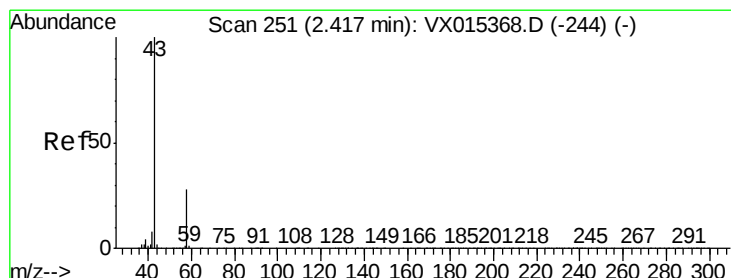
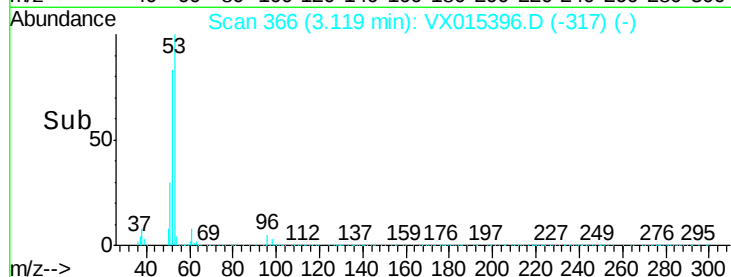
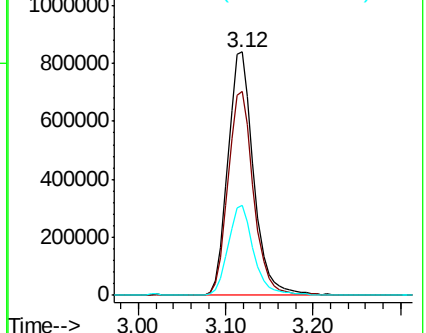
Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.8	100.2
51	36.8	29.5	44.3



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 244.009 ug/l

RT: 2.42 min Scan# 251

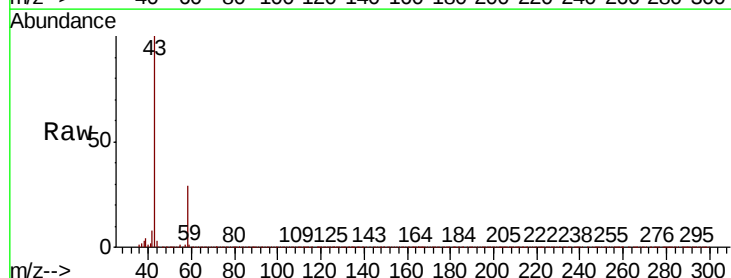
Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

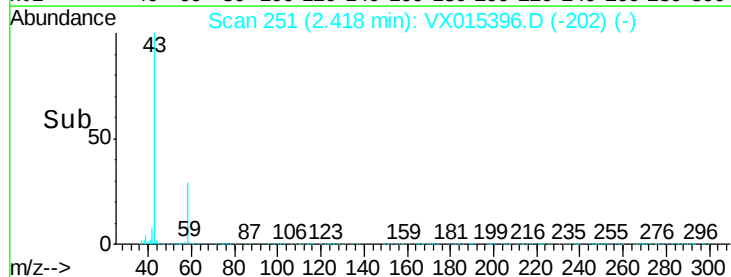
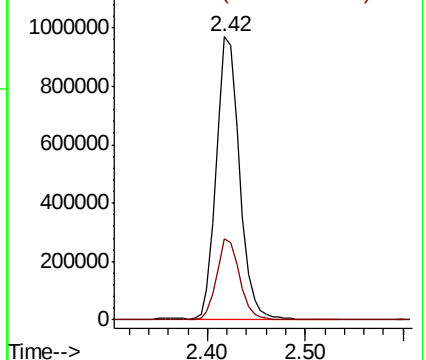
Tgt Ion: 43 Resp: 1592832

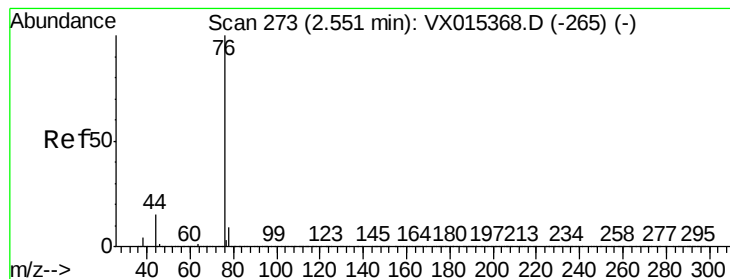
Ion	Ratio	Lower	Upper
43	100		
58	28.8	22.1	33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 50.252 ug/l

RT: 2.55 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

Instrument :

MSVOA_X

ClientSampleId :

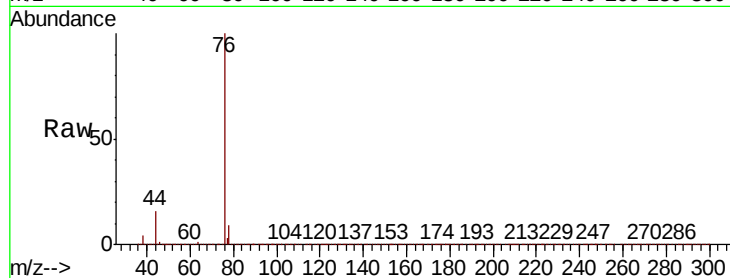
VSTDCCC050EC

Tot Ion: 76 Resp: 1559148

Ion Ratio Lower Upper

76 100

78 8.8 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

1000000

800000

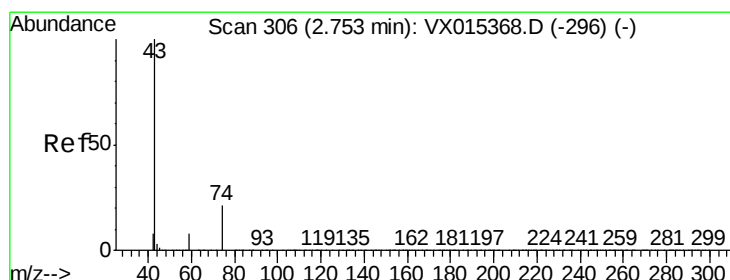
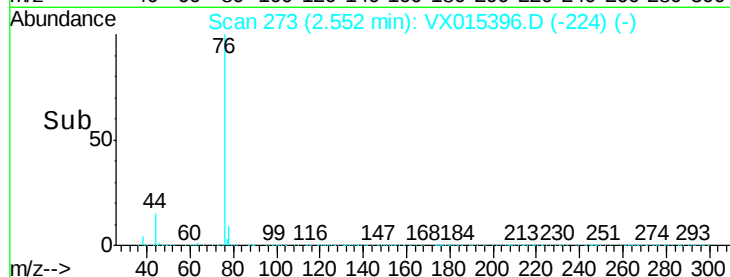
600000

400000

200000

0

Time-->



#18

Methyl Acetate

Concen: 49.751 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015396.D

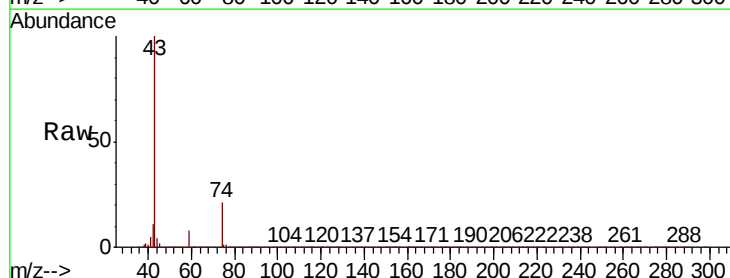
Acq: 27 Mar 2020 20:45

Tgt Ion: 43 Resp: 828880

Ion Ratio Lower Upper

43 100

74 20.7 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

500000

400000

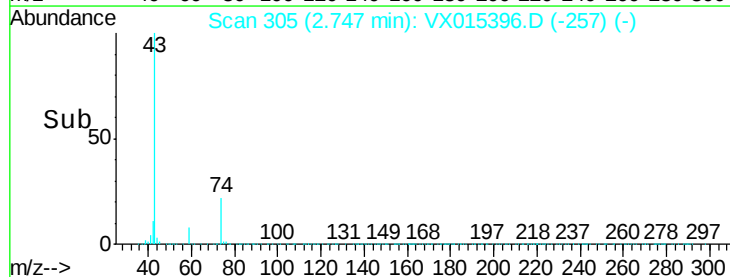
300000

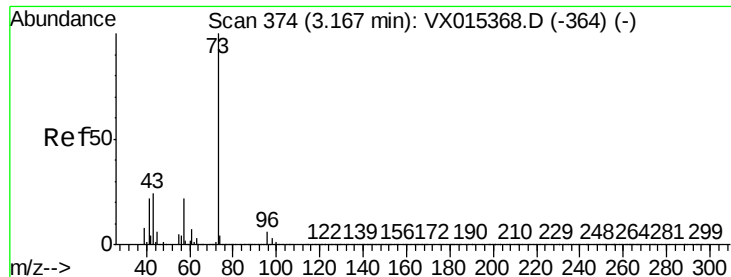
200000

100000

0

Time-->

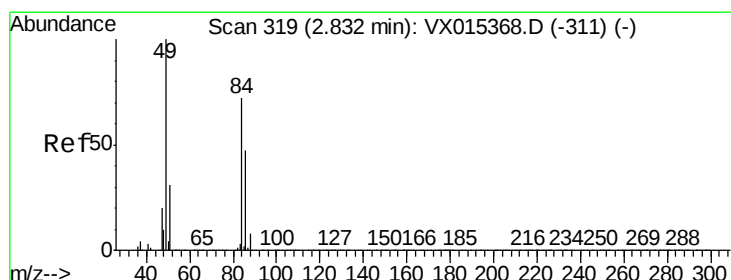
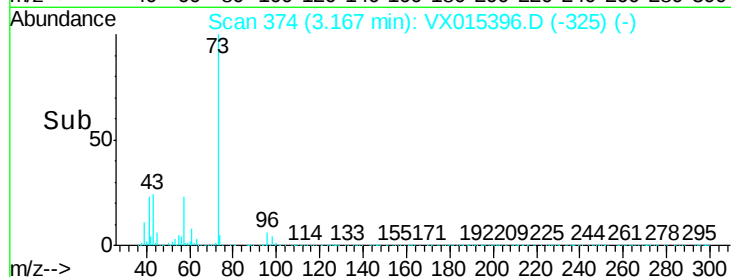
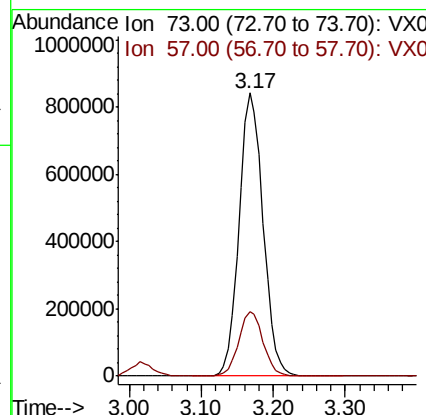
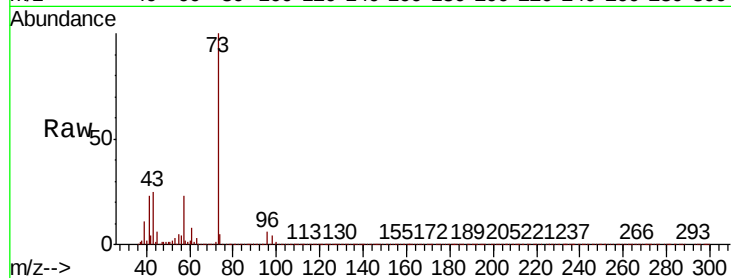




#19
Methvl tert-butvl Ether
Concen: 49.366 ug/l
RT: 3.17 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

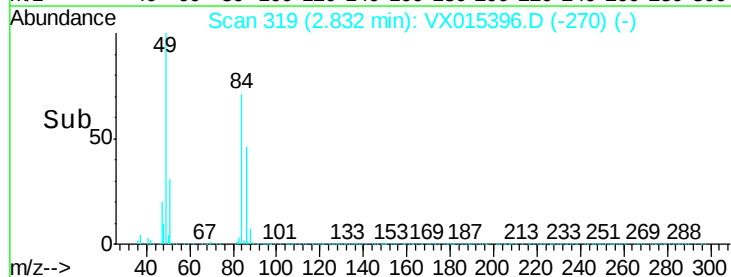
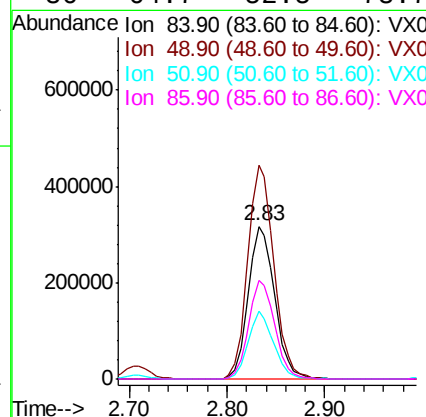
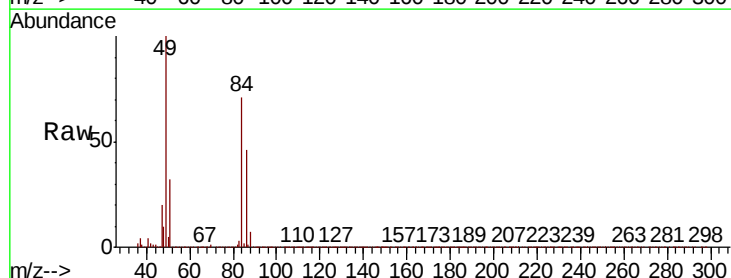
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 1947339
Ion Ratio Lower Upper
73 100
57 22.7 17.9 26.9



#20
Methylene Chloride
Concen: 48.452 ug/l
RT: 2.83 min Scan# 319
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

Tgt Ion: 84 Resp: 590769
Ion Ratio Lower Upper
84 100
49 140.0 111.3 166.9
51 44.1 34.0 51.0
86 64.7 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 48.977 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

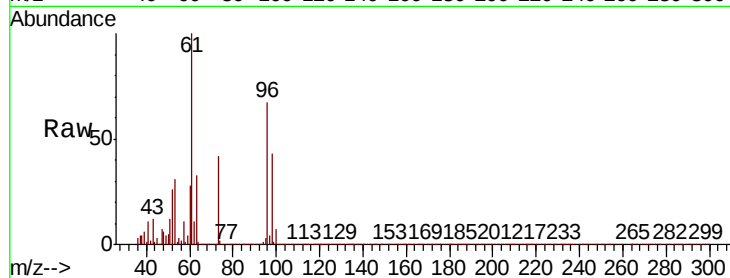
Tot Ion: 96 Resp: 552841

Ion Ratio Lower Upper

96 100

61 148.9 116.9 175.3

98 63.9 48.6 73.0

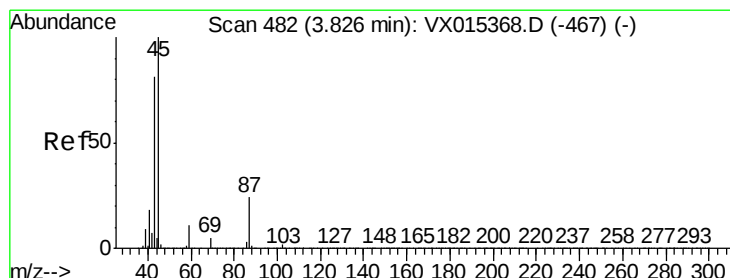
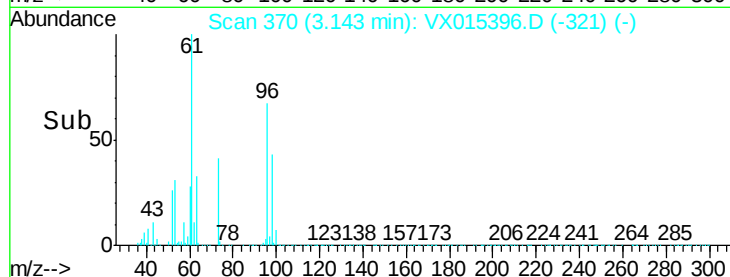
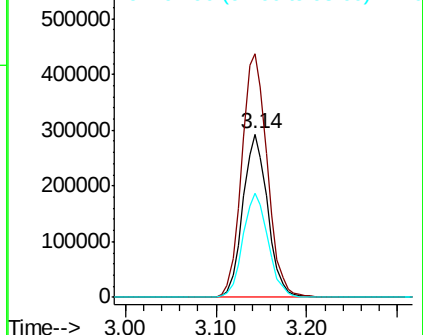


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 50.479 ug/l

RT: 3.83 min Scan# 482

Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

Tgt Ion: 45 Resp: 2125753

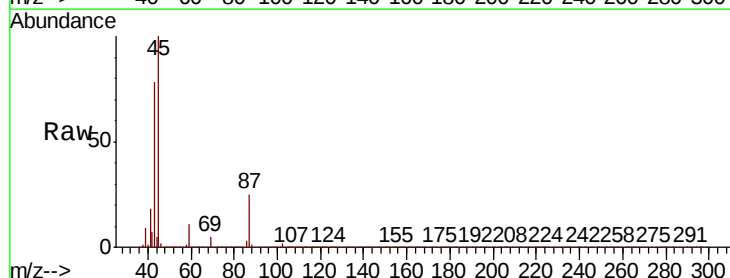
Ion Ratio Lower Upper

45 100

43 77.4 64.7 97.1

87 25.1 19.4 29.0

59 11.2 8.7 13.1



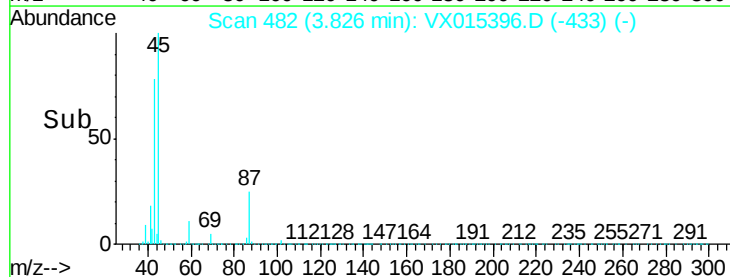
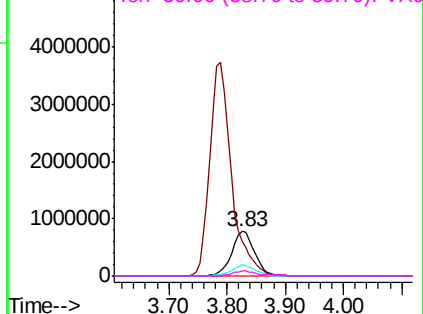
Abundance

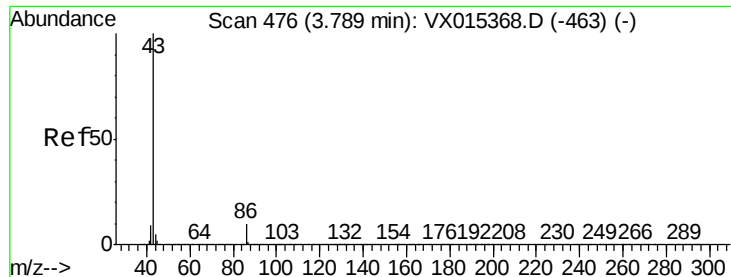
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

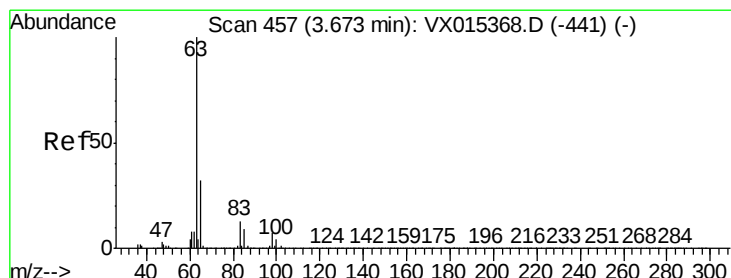
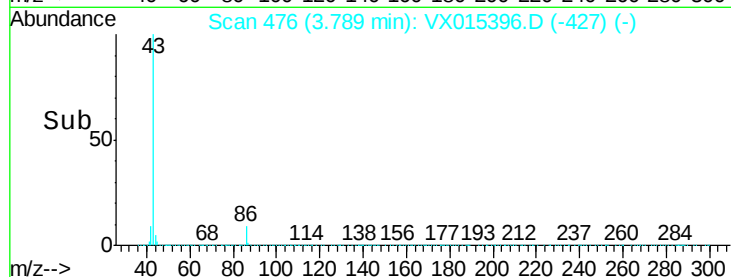
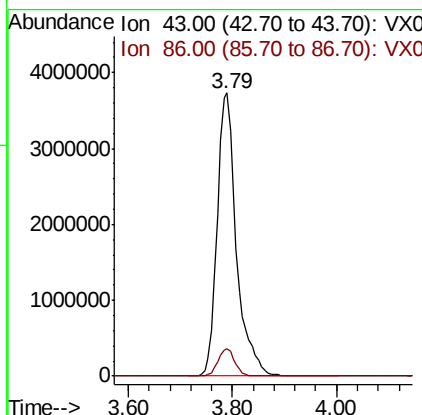
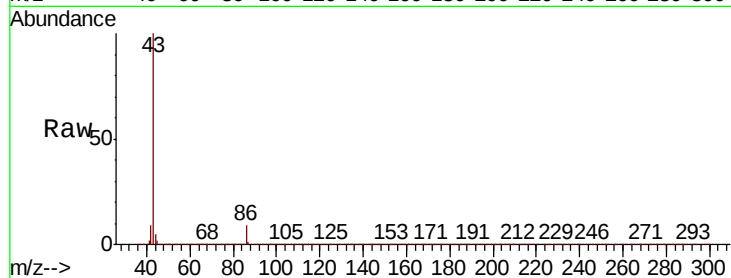




#23
 Vinyl Acetate
 Concen: 253.489 ug/l
 RT: 3.79 min Scan# 476
 Delta R.T. 0.00 min
 Lab File: VX015396.D
 Acq: 27 Mar 2020 20:45

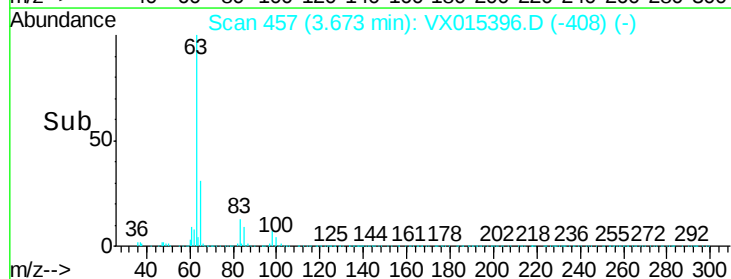
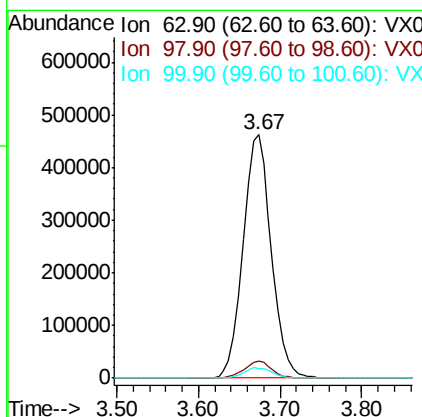
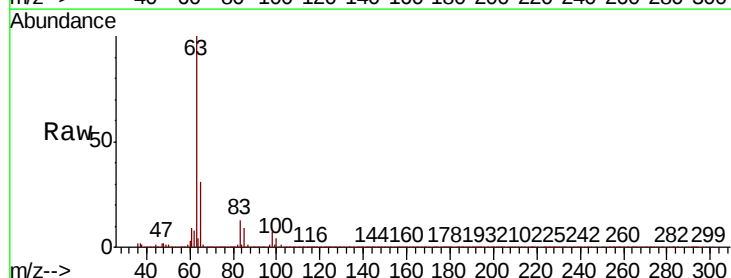
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

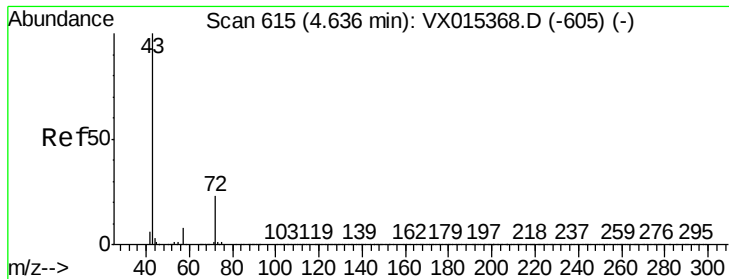
Tot Ion: 43 Resp: 9665038
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.8 11.6



#24
 1,1-Dichloroethane
 Concen: 49.845 ug/l
 RT: 3.67 min Scan# 457
 Delta R.T. 0.00 min
 Lab File: VX015396.D
 Acq: 27 Mar 2020 20:45

Tgt Ion: 63 Resp: 1105176
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.3 9.8
 100 4.0 2.1 6.5





#25

2-Butanone

Concen: 244.593 ug/l

RT: 4.64 min Scan# 615

Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

Instrument :

MSVOA_X

ClientSampleId :

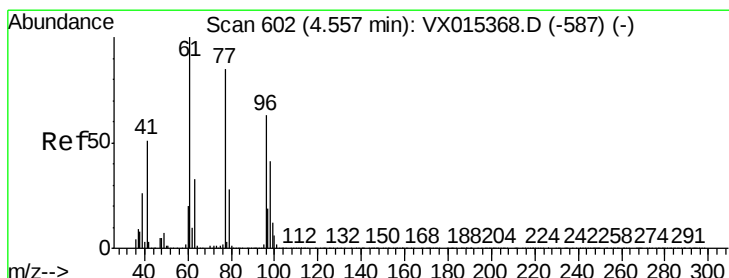
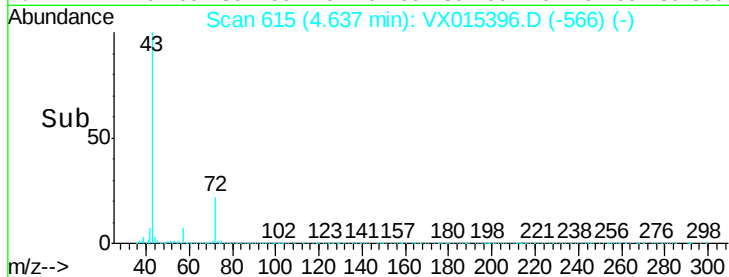
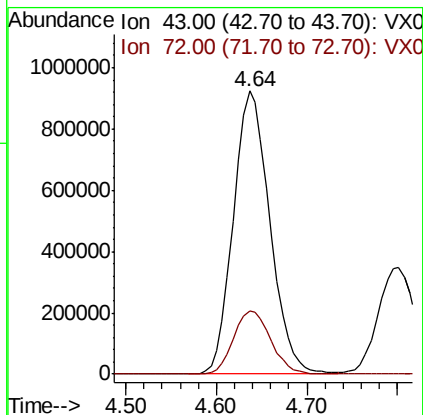
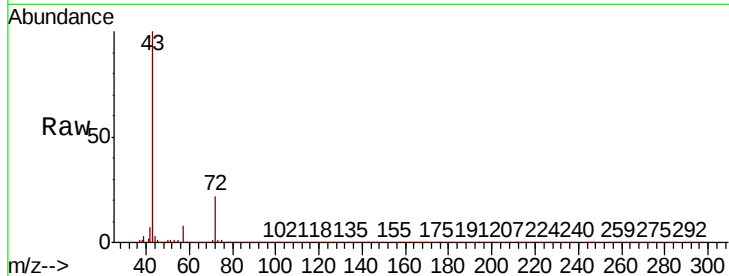
VSTDCCC050EC

Tot Ion: 43 Resp: 2567735

Ion Ratio Lower Upper

43 100

72 22.4 19.0 28.4



#26

2,2-Dichloropropane

Concen: 47.135 ug/l

RT: 4.56 min Scan# 602

Delta R.T. 0.00 min

Lab File: VX015396.D

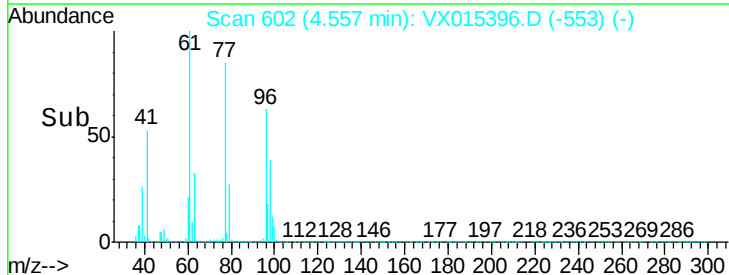
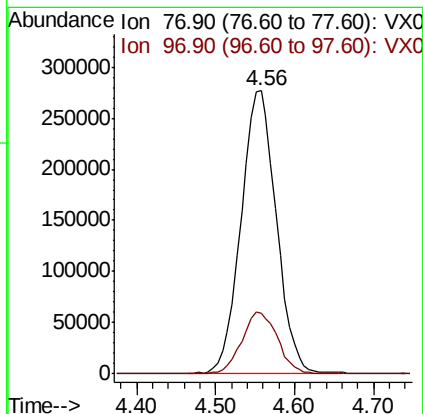
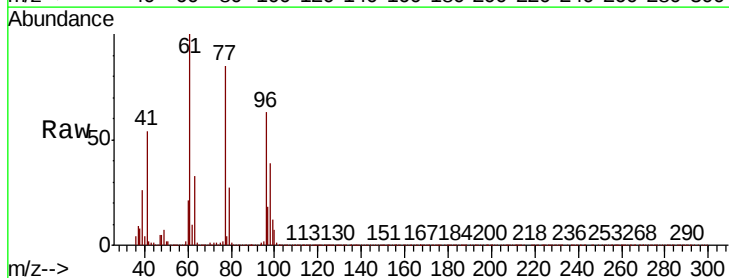
Acq: 27 Mar 2020 20:45

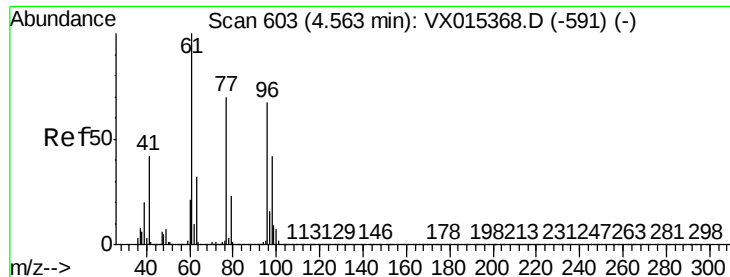
Tgt Ion: 77 Resp: 857822

Ion Ratio Lower Upper

77 100

97 21.8 11.3 33.8



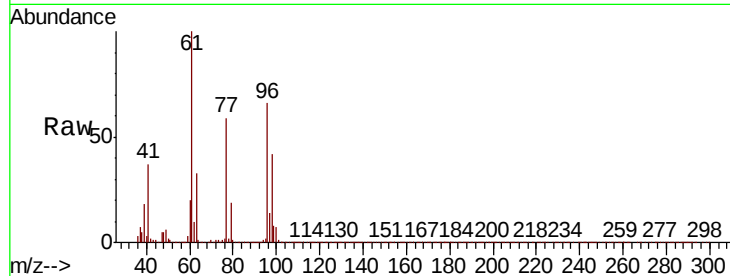


#27

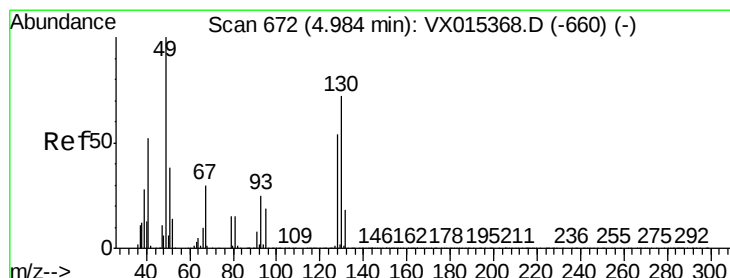
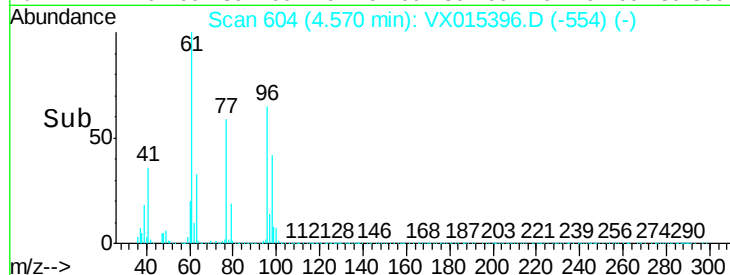
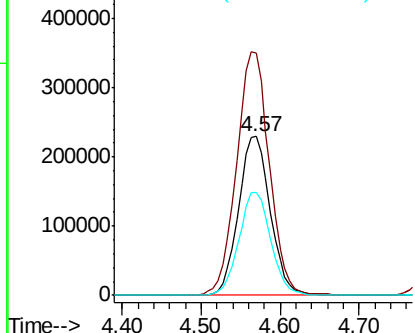
cis-1,2-Dichloroethene
Concen: 49.119 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	158.5	0.0	308.4
98	65.3	0.0	129.2



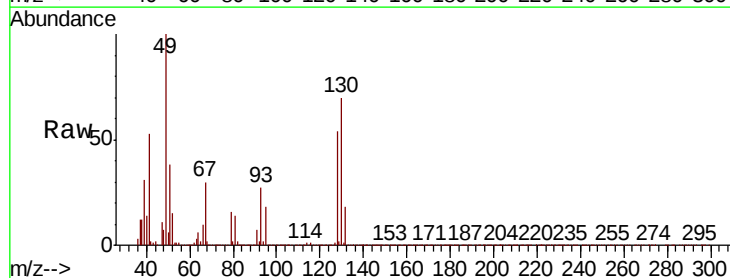
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



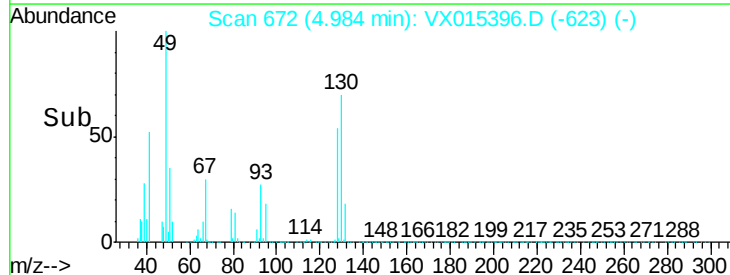
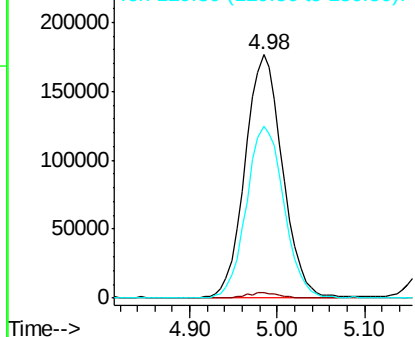
#28

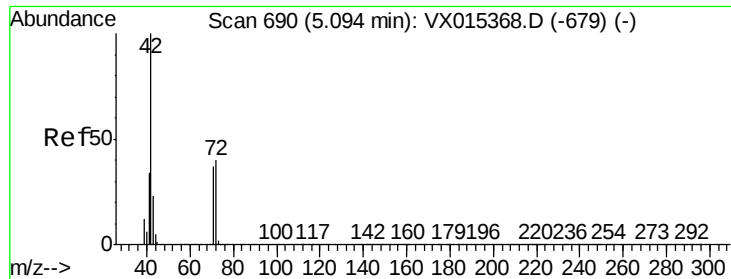
Bromochloromethane
Concen: 49.140 ug/l
RT: 4.98 min Scan# 672
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.4
130	71.1	57.7	86.5



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 243.918 ug/l

RT: 5.09 min Scan# 690

Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

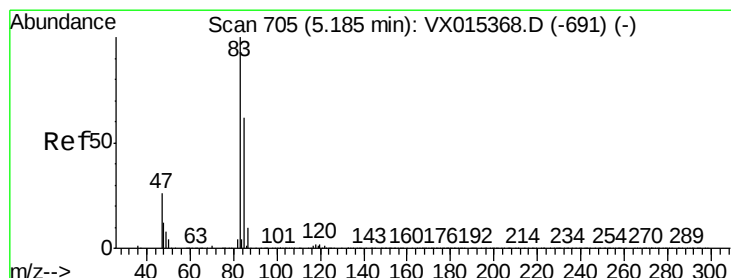
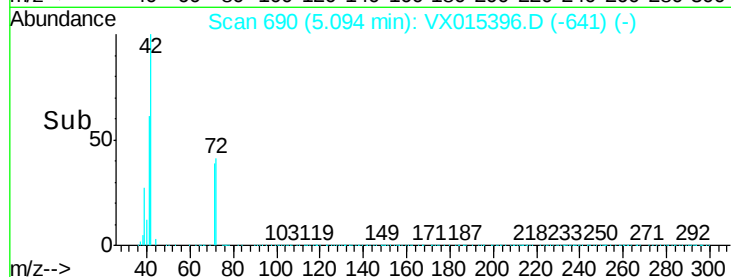
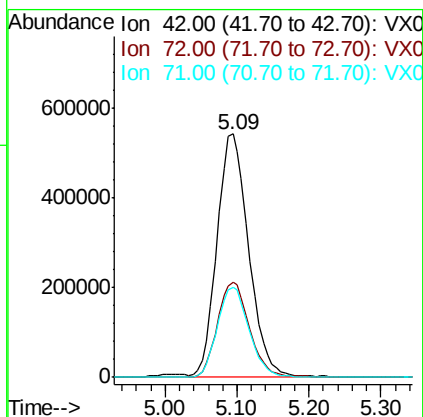
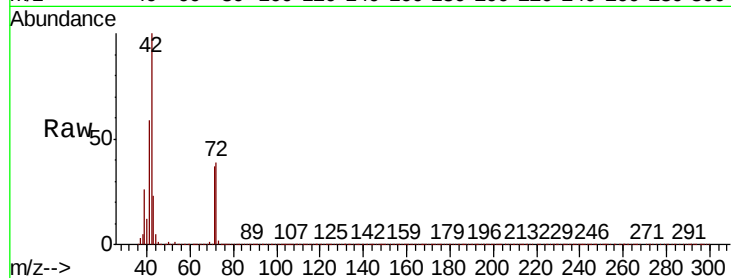
Tot Ion: 42 Resp: 1646178

Ion Ratio Lower Upper

42 100

72 39.9 31.7 47.5

71 37.2 29.6 44.4



#30

Chloroform

Concen: 49.913 ug/l

RT: 5.18 min Scan# 704

Delta R.T. -0.01 min

Lab File: VX015396.D

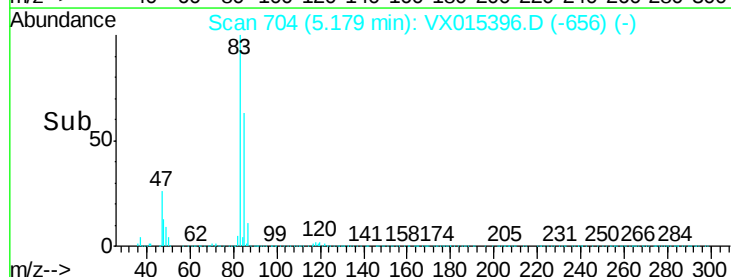
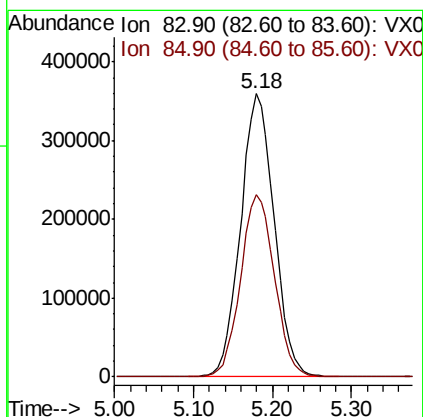
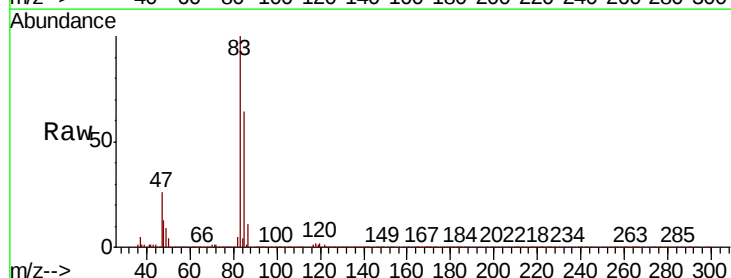
Acq: 27 Mar 2020 20:45

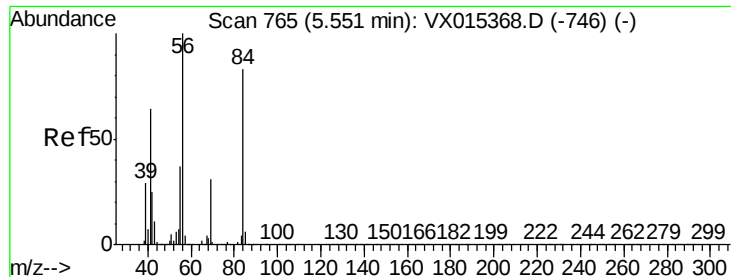
Tgt Ion: 83 Resp: 1064724

Ion Ratio Lower Upper

83 100

85 64.3 49.5 74.3

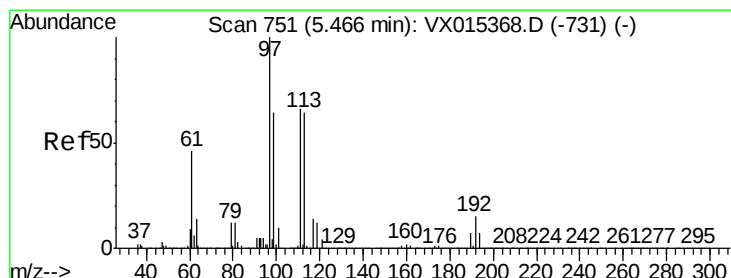
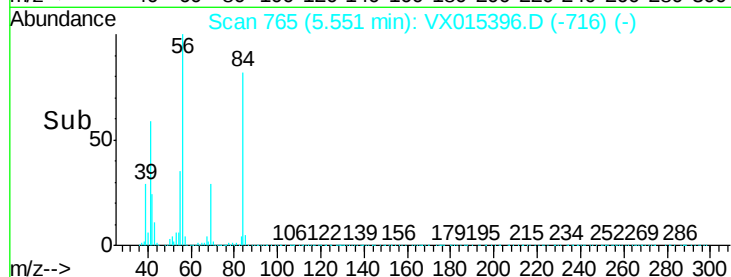
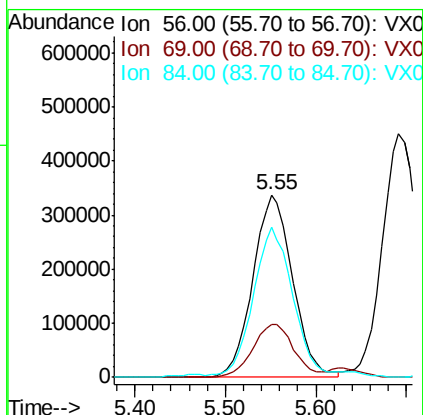
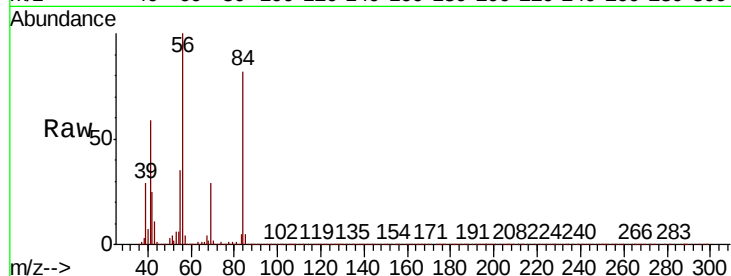




#31
Cyclohexane
Concen: 52.914 ug/l
RT: 5.55 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

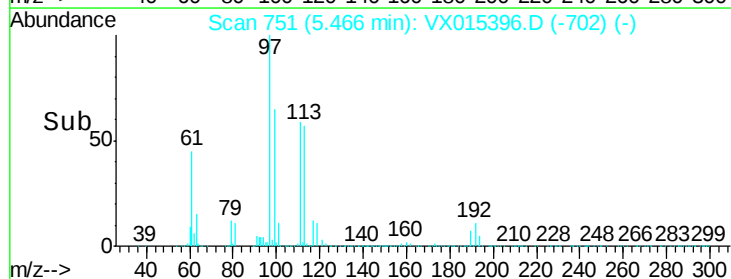
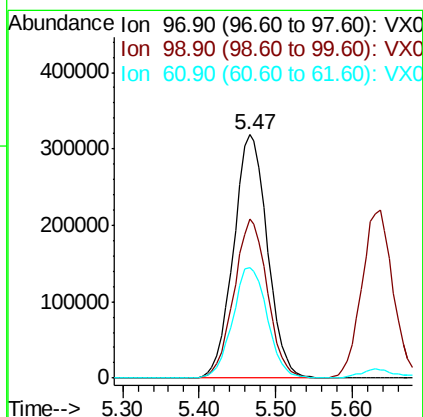
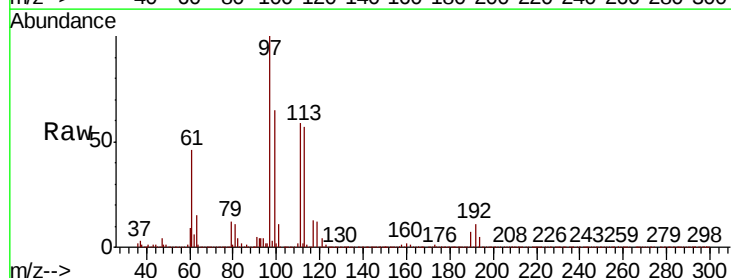
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

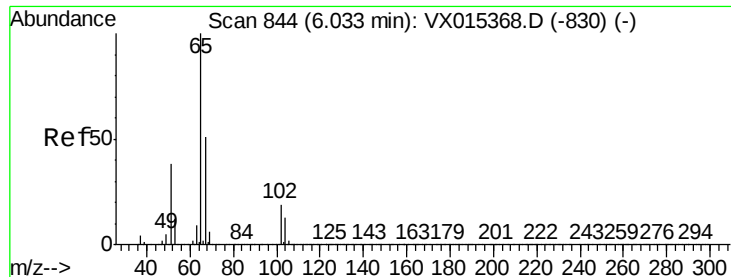
Tot Ion: 56 Resp: 1017760
Ion Ratio Lower Upper
56 100
69 28.8 24.6 36.8
84 80.4 66.1 99.1



#32
1,1,1-Trichloroethane
Concen: 50.440 ug/l
RT: 5.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

Tgt Ion: 97 Resp: 973752
Ion Ratio Lower Upper
97 100
99 64.6 51.0 76.4
61 46.2 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 47.253 ug/l

RT: 6.03 min Scan# 844

Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

Instrument :

MSVOA_X

ClientSampleId :

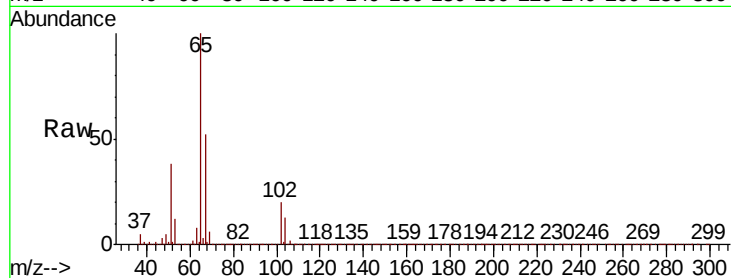
VSTDCCC050EC

Tot Ion: 65 Resp: 717970

Ion Ratio Lower Upper

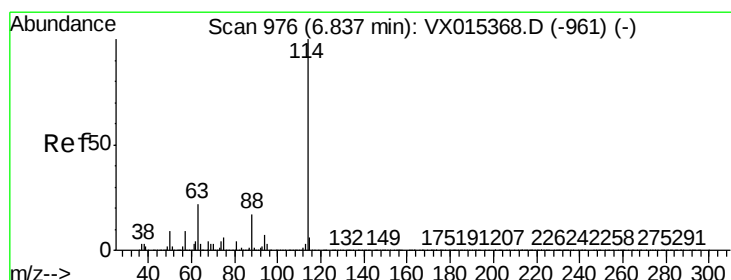
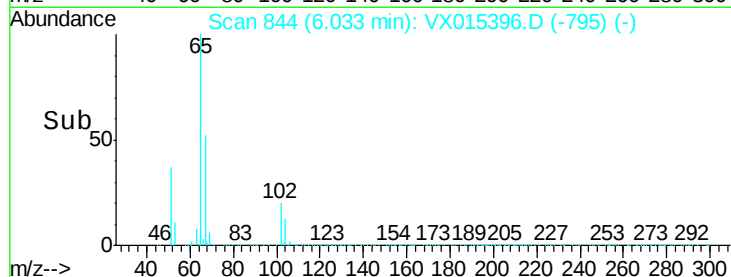
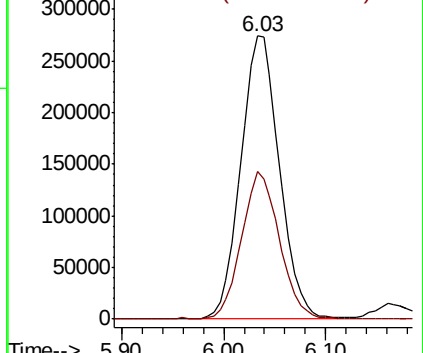
65 100

67 51.0 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

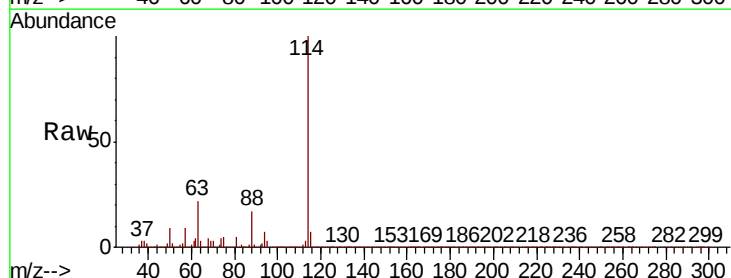
Tgt Ion: 114 Resp: 1754159

Ion Ratio Lower Upper

114 100

63 21.6 0.0 44.2

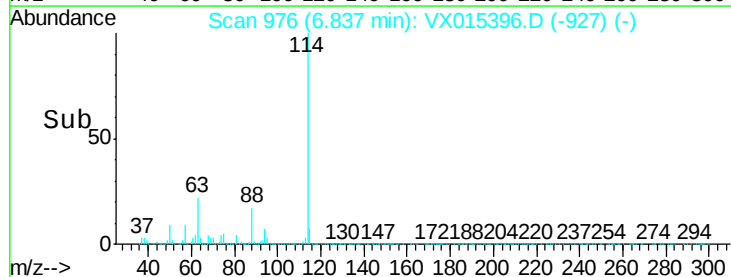
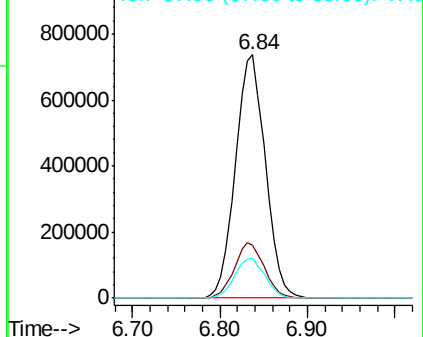
88 16.6 0.0 33.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

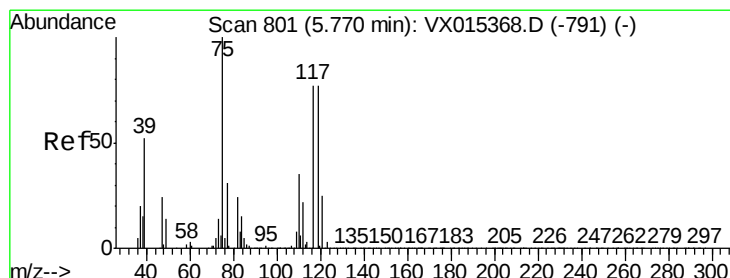
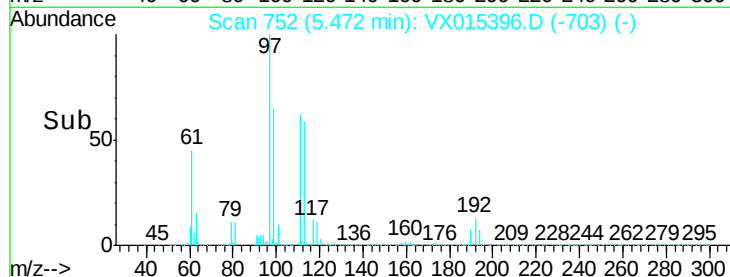
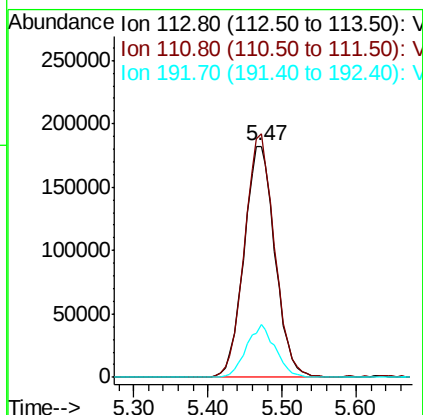
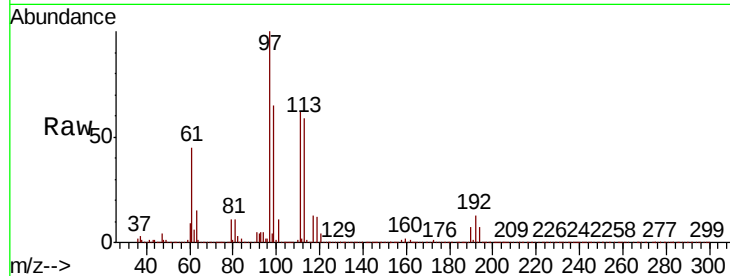




#35
Dibromofluoromethane
Concen: 47.291 ug/l
RT: 5.47 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

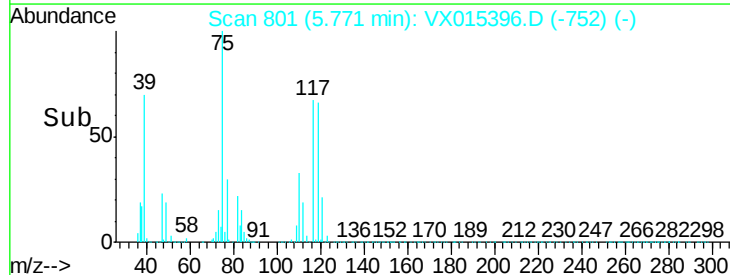
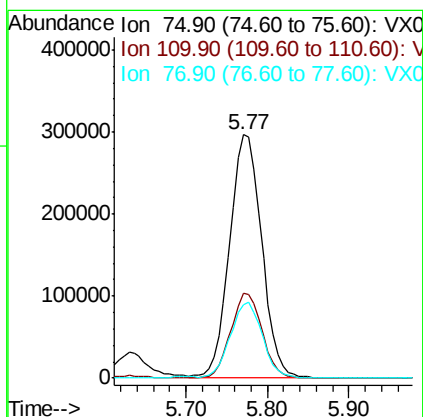
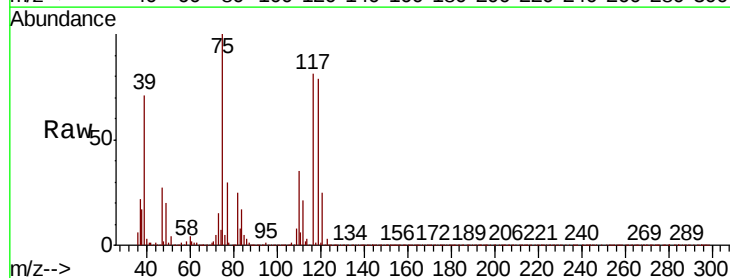
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.5	122.3
192	21.6	17.8	26.6



#36
1,1-Dichloropropene
Concen: 49.803 ug/l
RT: 5.77 min Scan# 801
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.3	17.1	51.3
77	30.8	24.6	36.8

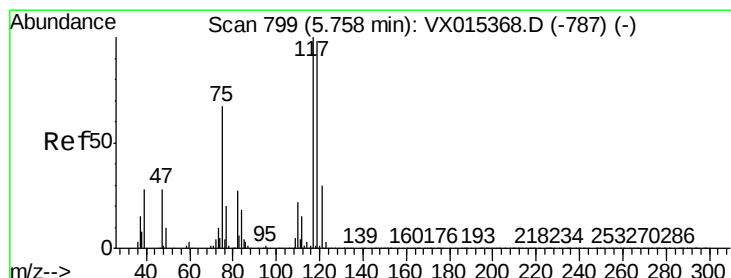
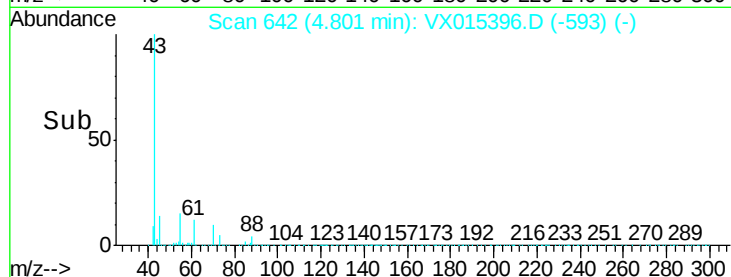
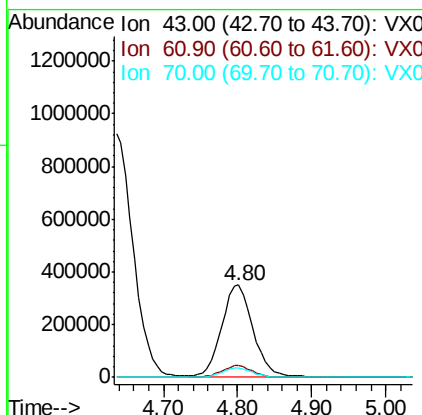
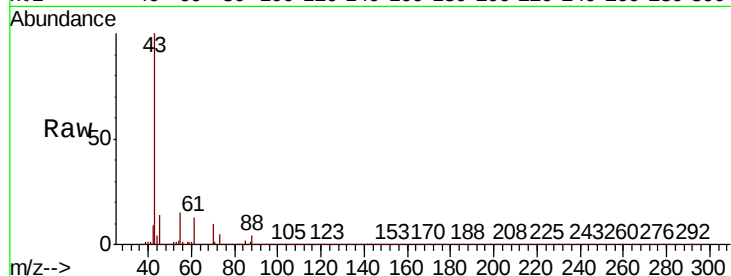




#37
Ethyl Acetate
Concen: 48.393 ug/l
RT: 4.80 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

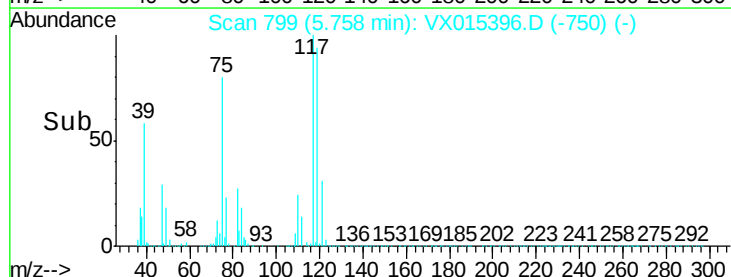
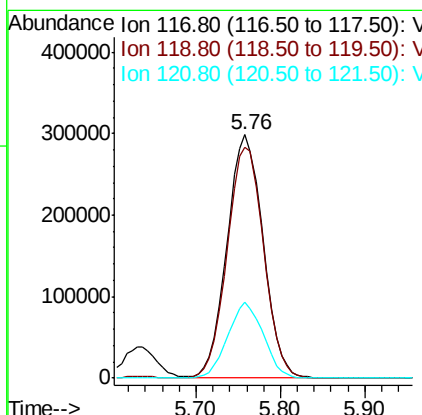
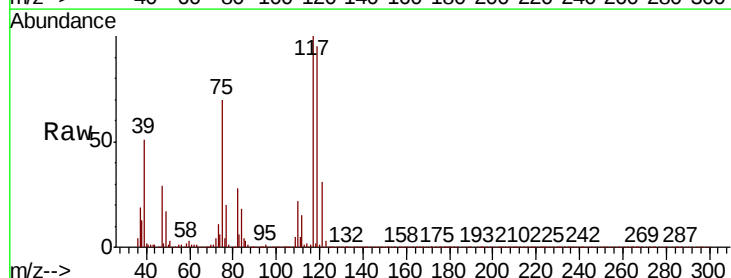
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

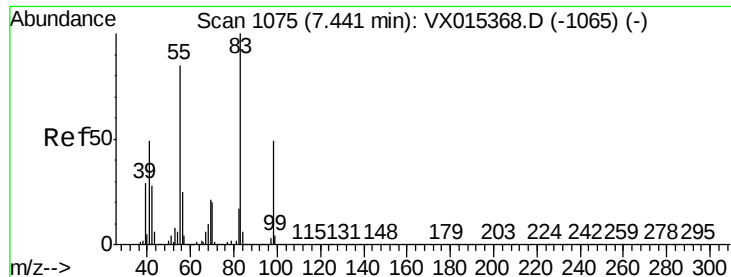
Tot Ion: 43 Resp: 1018435
Ion Ratio Lower Upper
43 100
61 12.4 9.9 14.9
70 10.0 8.1 12.1



#38
Carbon Tetrachloride
Concen: 49.483 ug/l
RT: 5.76 min Scan# 799
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

Tgt Ion: 117 Resp: 866237
Ion Ratio Lower Upper
117 100
119 94.6 78.0 117.0
121 31.1 23.8 35.8

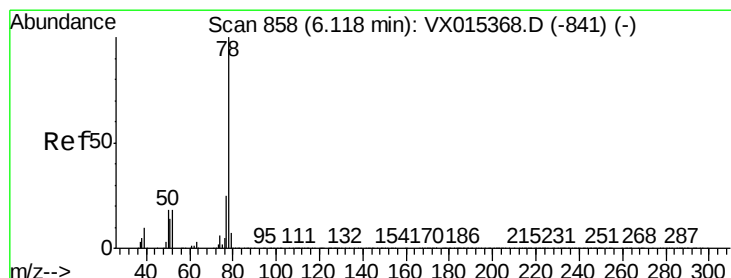
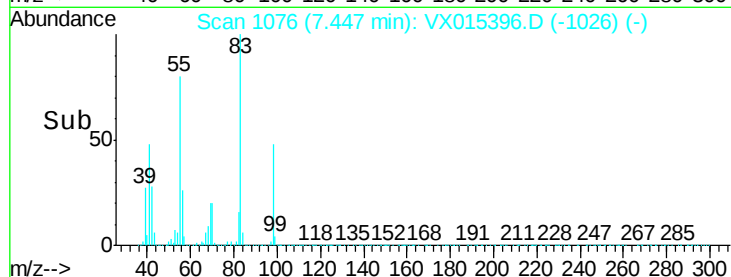
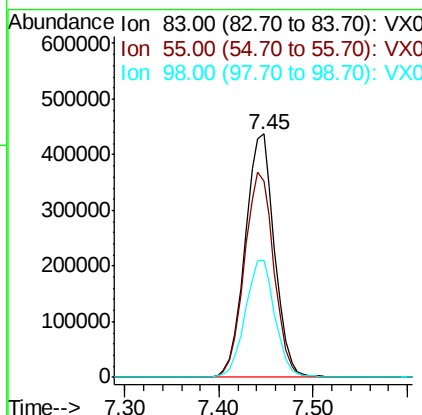
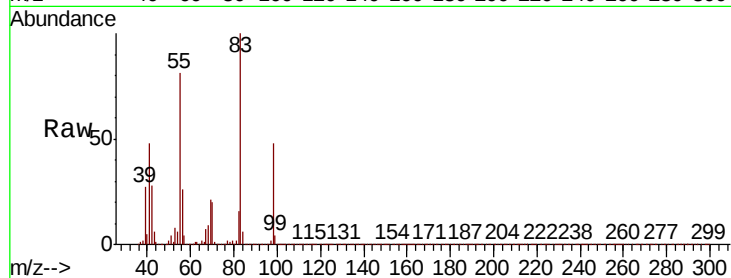




#39
Methvlcvclohexane
Concen: 51.177 ug/l
RT: 7.45 min Scan# 1076
Delta R.T. 0.01 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

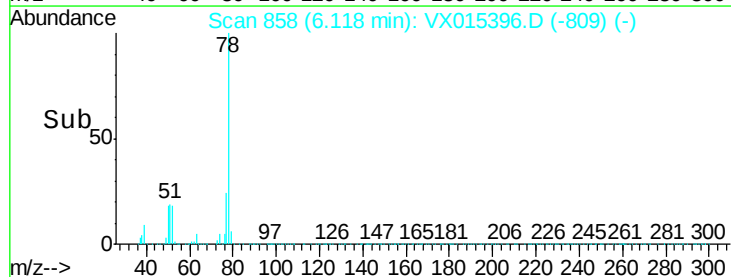
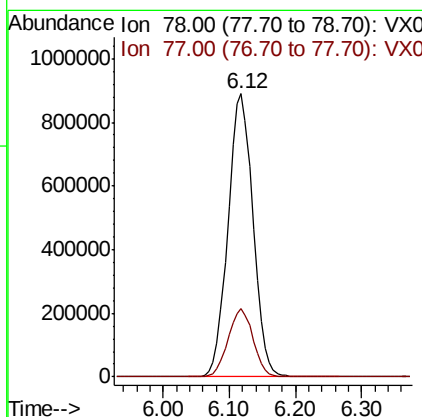
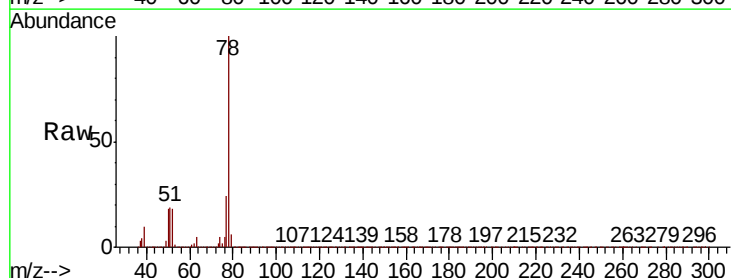
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

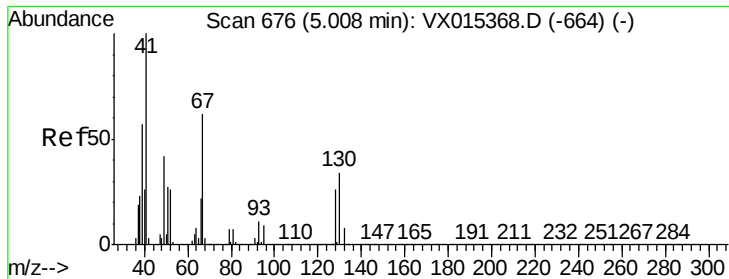
Tot Ion	83.00	Resp	953705
Ion Ratio	Lower	Upper	
83	100		
55	80.4	67.8	101.6
98	48.2	39.3	58.9



#40
Benzene
Concen: 49.099 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

Tgt Ion	78.00	Resp	2324574
Ion Ratio	Lower	Upper	
78	100		
77	24.2	19.8	29.8

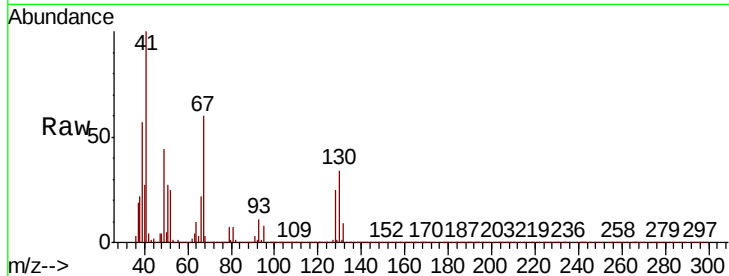




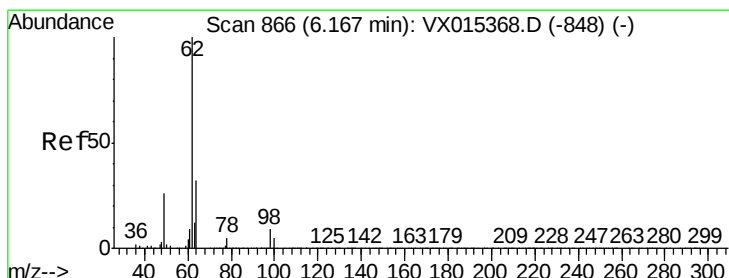
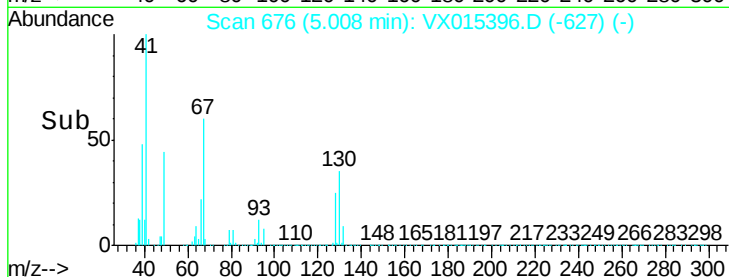
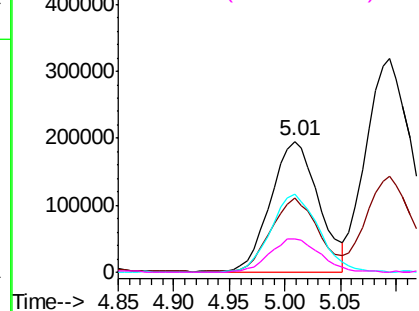
#41
Methacrylonitrile
Concen: 49.922 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	583213
Ion	Ratio	Lower	Upper
41	100		
39	55.9	44.5	66.7
67	60.0	48.9	73.3
52	26.2	21.8	32.6

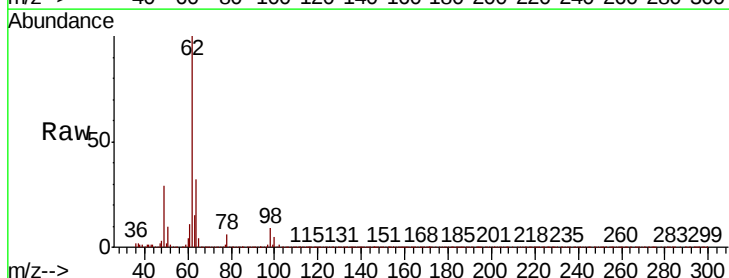


Abundance Ion 41.00 (40.70 to 41.70): VX0
500000
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

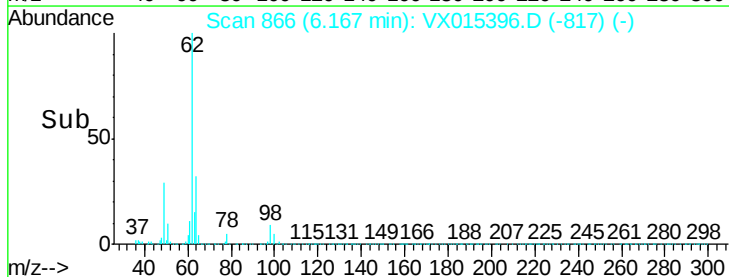
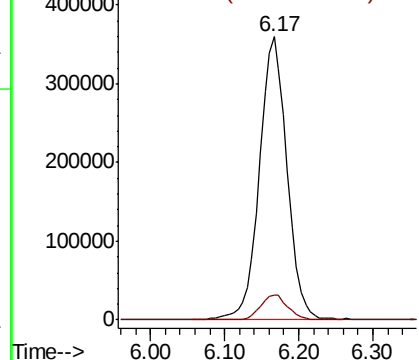


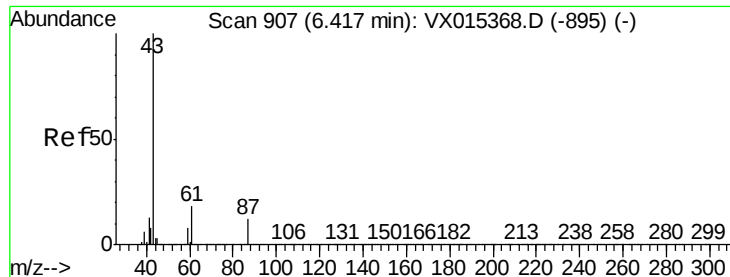
#42
1,2-Dichloroethane
Concen: 49.234 ug/l
RT: 6.17 min Scan# 866
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

Tgt Ion:	62	Resp:	936306
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
400000
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 49.050 ug/l

RT: 6.42 min Scan# 907

Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

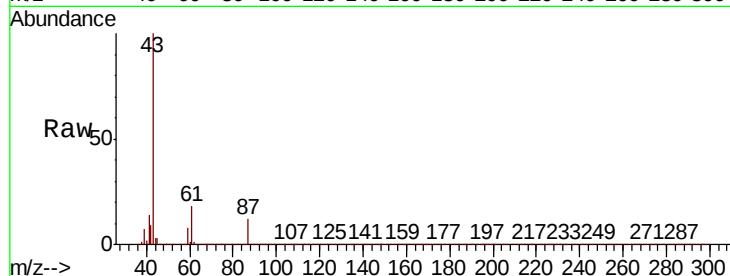
Tot Ion: 43 Resp: 1742548

Ion Ratio Lower Upper

43 100

61 18.5 14.8 22.2

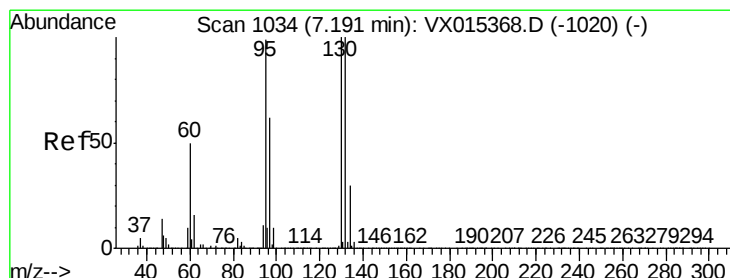
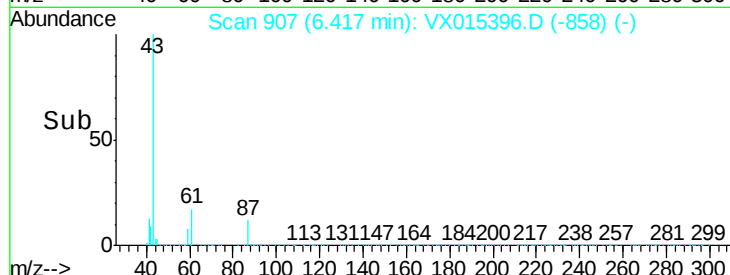
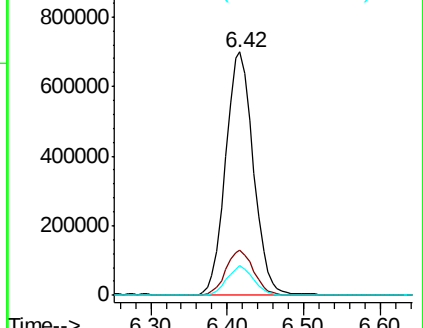
87 11.6 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 49.842 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX015396.D

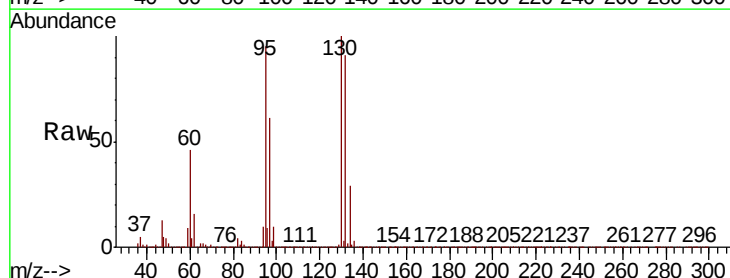
Acq: 27 Mar 2020 20:45

Tgt Ion: 130 Resp: 643566

Ion Ratio Lower Upper

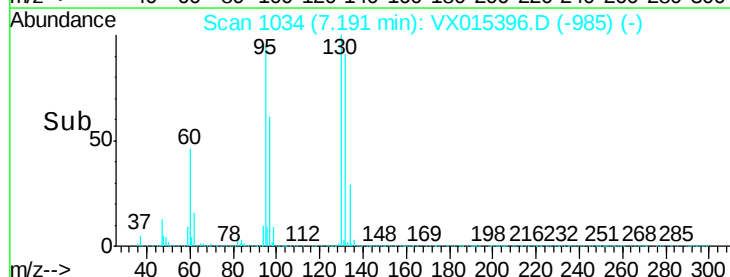
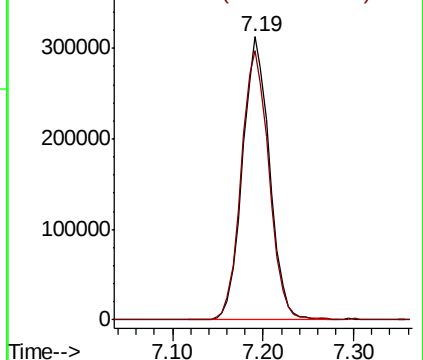
130 100

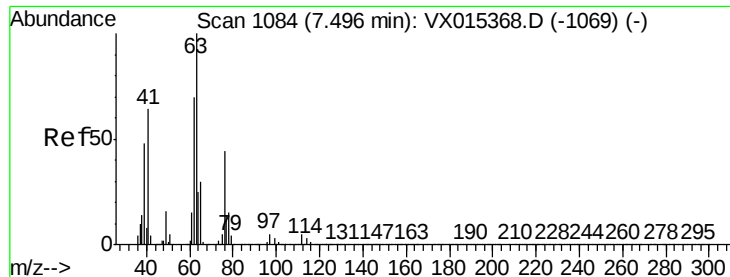
95 95.1 0.0 199.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

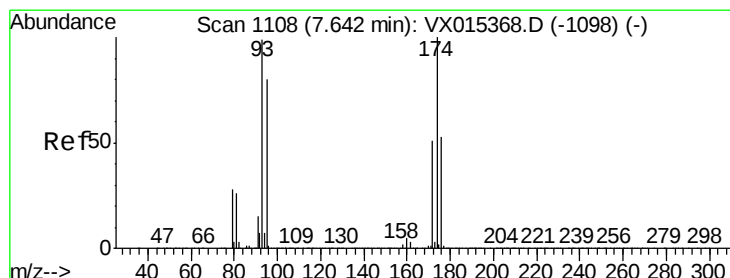
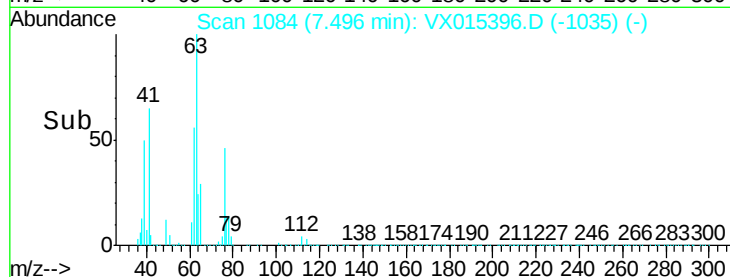
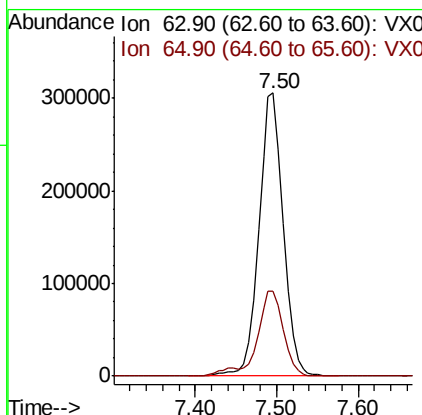
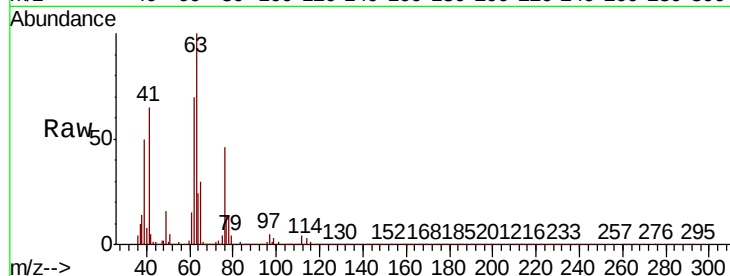




#45
 1,2-Dichloropropane
 Concen: 49.069 ug/l
 RT: 7.50 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: VX015396.D
 Acq: 27 Mar 2020 20:45

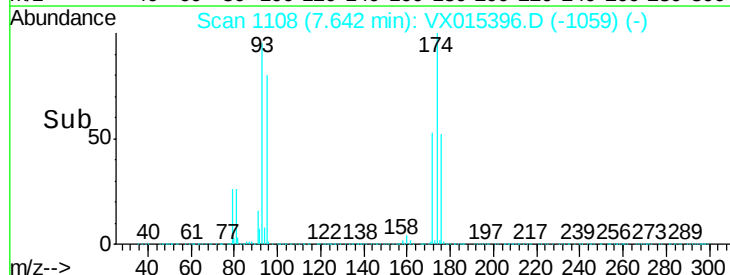
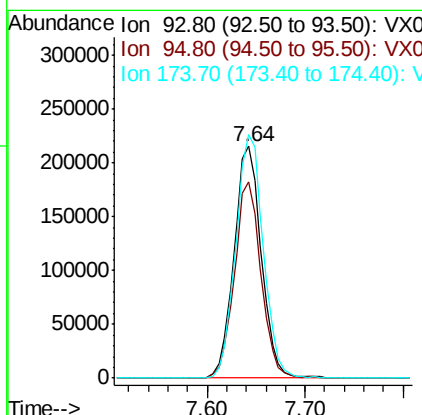
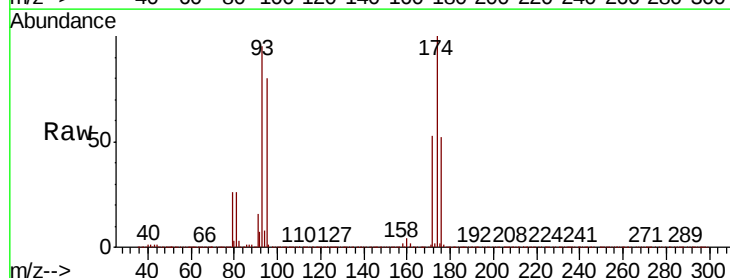
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

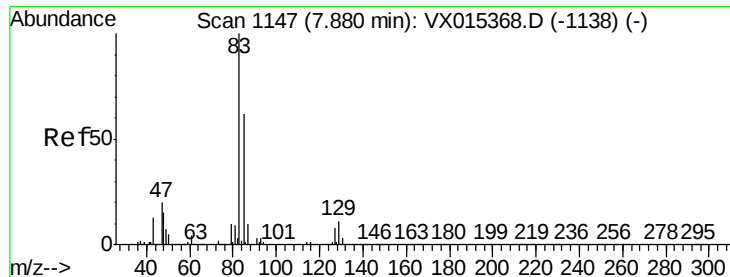
Tot Ion: 63 Resp: 635521
 Ion Ratio Lower Upper
 63 100
 65 29.9 23.9 35.9



#46
 Dibromomethane
 Concen: 48.750 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VX015396.D
 Acq: 27 Mar 2020 20:45

Tgt Ion: 93 Resp: 414175
 Ion Ratio Lower Upper
 93 100
 95 82.6 65.8 98.8
 174 107.1 86.2 129.2





#47

Bromodichloromethane

Concen: 48.866 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

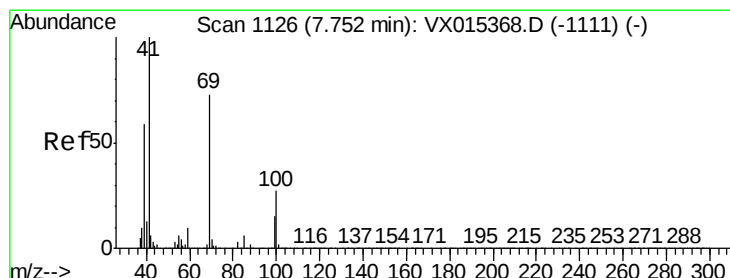
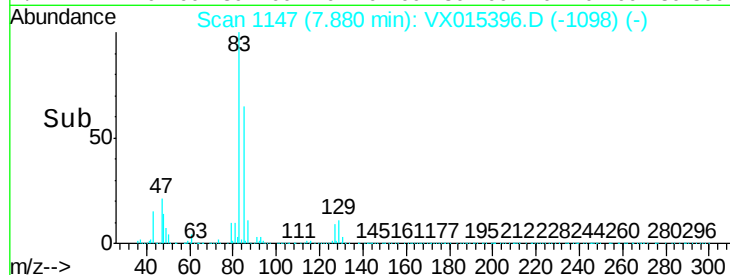
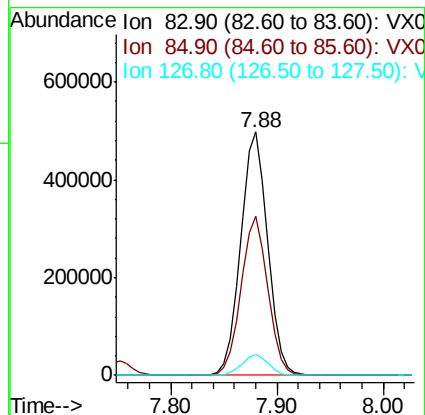
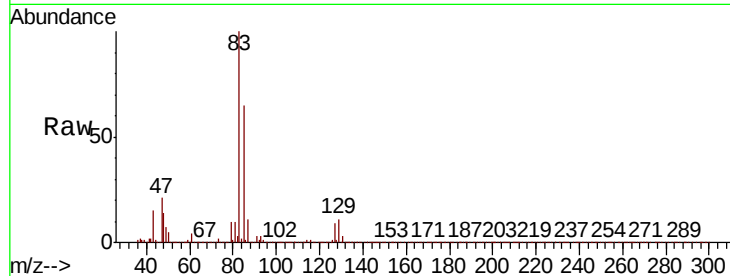
Tot Ion: 83 Resp: 884628

Ion Ratio Lower Upper

83 100

85 65.1 49.7 74.5

127 8.6 6.7 10.1



#48

Methyl methacrylate

Concen: 49.160 ug/l

RT: 7.75 min Scan# 1126

Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

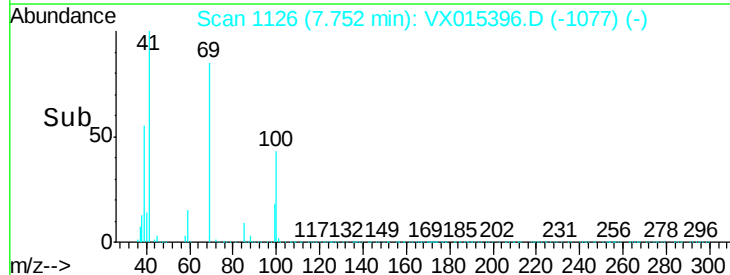
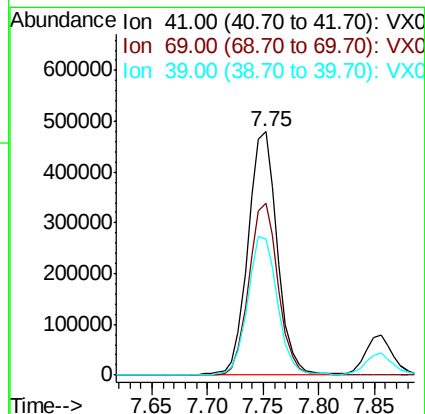
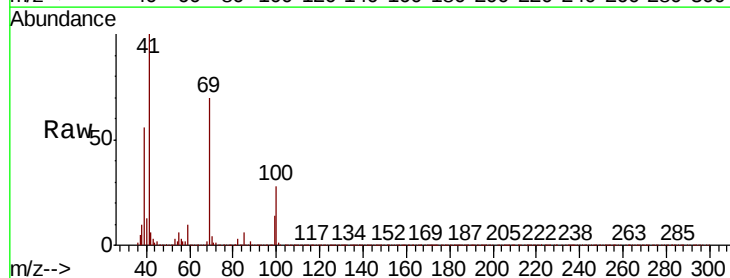
Tgt Ion: 41 Resp: 872336

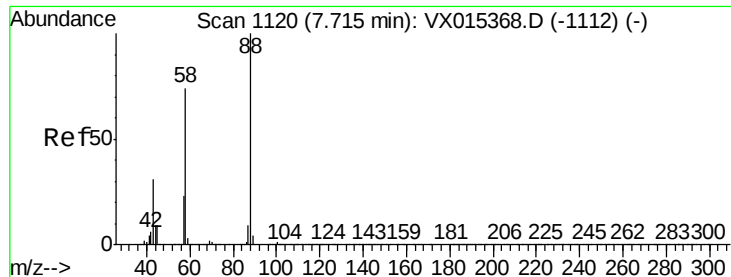
Ion Ratio Lower Upper

41 100

69 70.7 56.7 85.1

39 57.6 46.5 69.7





#49

1,4-Dioxane

Concen: 957.456 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

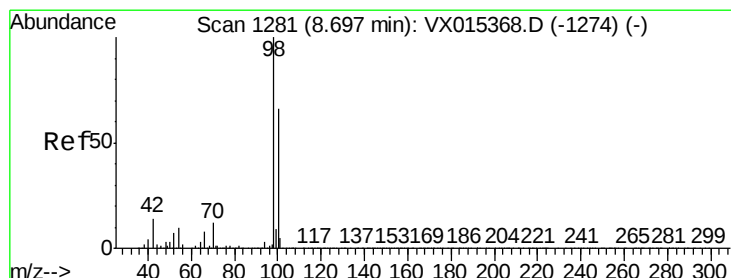
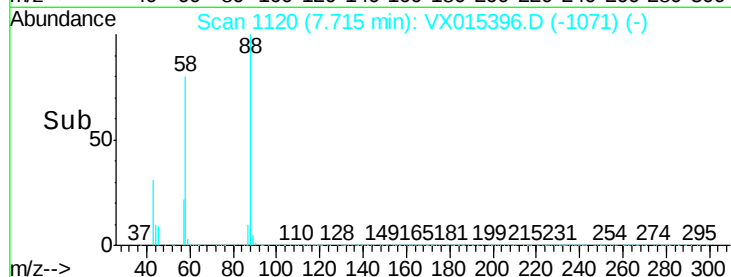
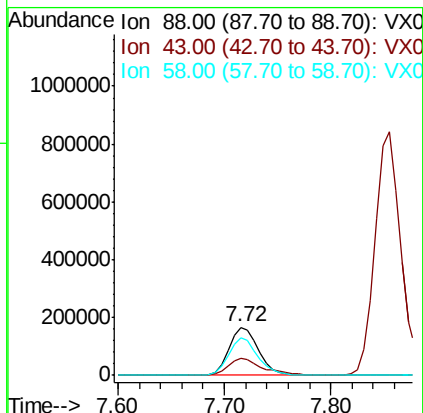
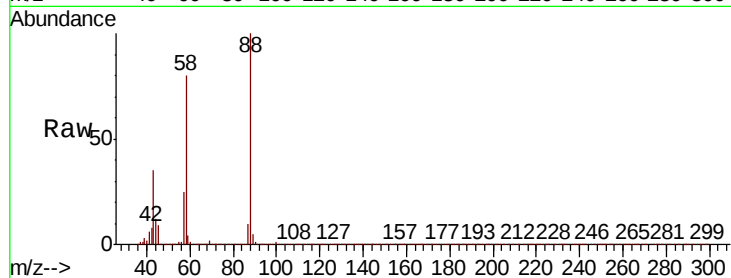
Tot Ion: 88 Resp: 316946

Ion	Ratio	Lower	Upper
88	100		
43	39.7	30.1	45.1
58	79.5	60.6	90.8

88 100

43 39.7 30.1 45.1

58 79.5 60.6 90.8



#50

Toluene-d8

Concen: 47.034 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015396.D

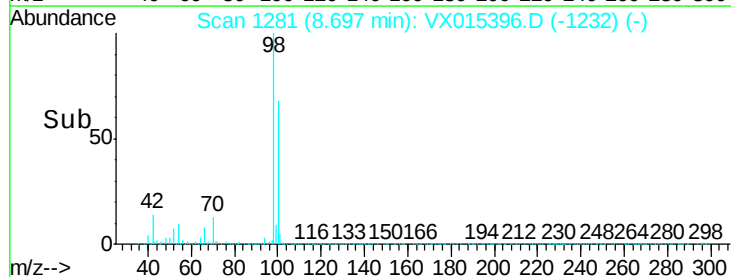
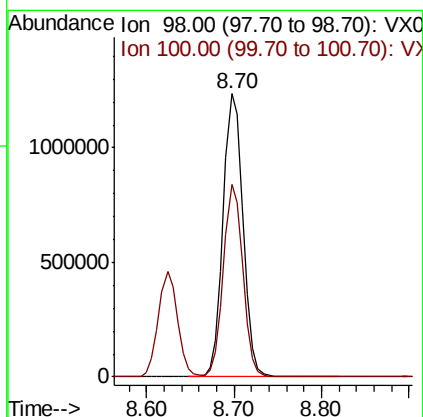
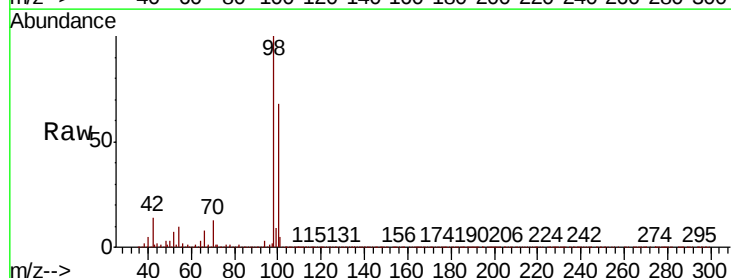
Acq: 27 Mar 2020 20:45

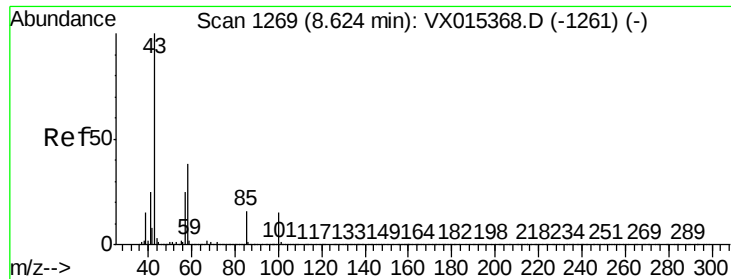
Tgt Ion: 98 Resp: 1941725

Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.5	80.3

98 100

100 66.5 53.5 80.3





#51

4-Methyl-2-Pentanone

Concen: 246.322 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

Instrument :

MSVOA_X

ClientSampleId :

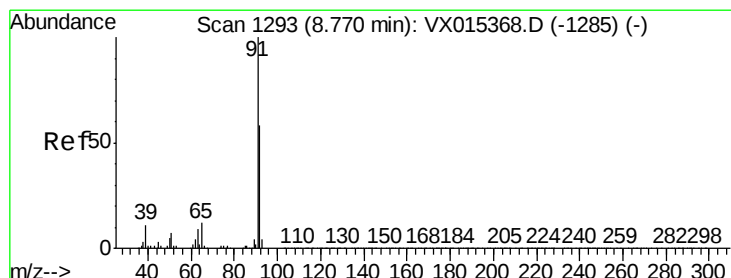
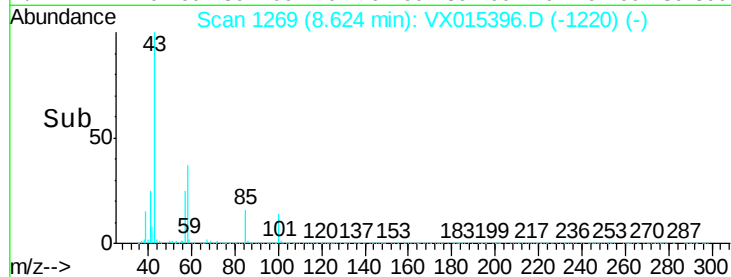
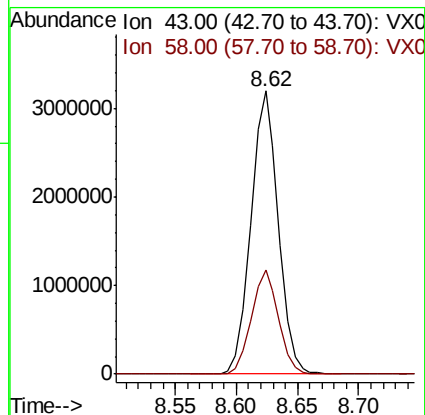
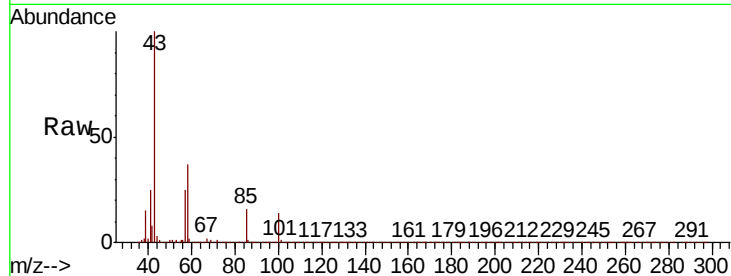
VSTDCCC050EC

Tot Ion: 43 Resp: 4959263

Ion Ratio Lower Upper

43 100

58 36.5 29.7 44.5



#52

Toluene

Concen: 49.555 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX015396.D

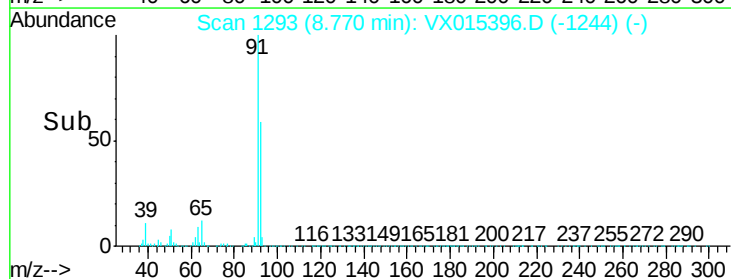
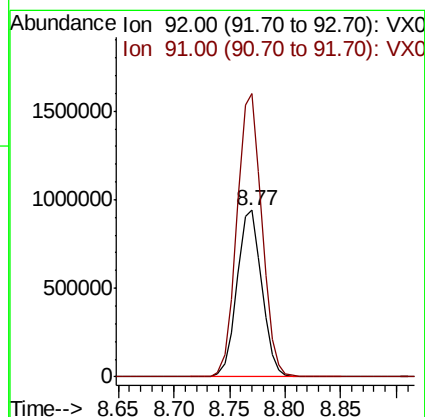
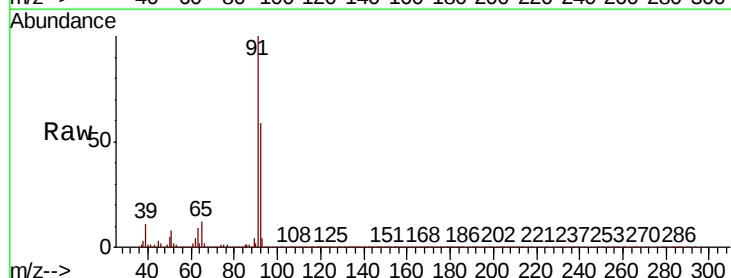
Acq: 27 Mar 2020 20:45

Tgt Ion: 92 Resp: 1446459

Ion Ratio Lower Upper

92 100

91 171.0 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 47.380 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

Instrument :

MSVOA_X

ClientSampleId :

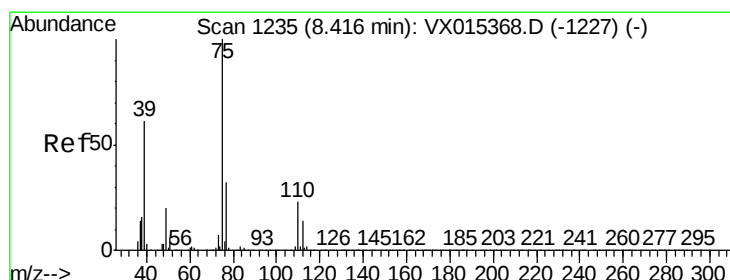
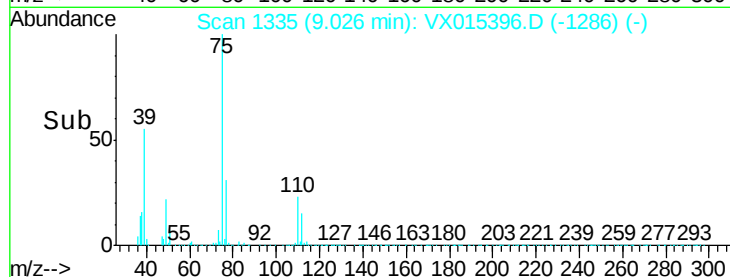
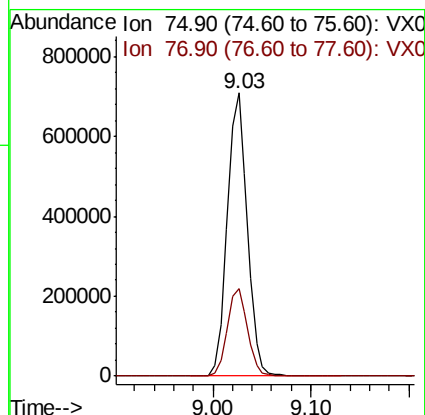
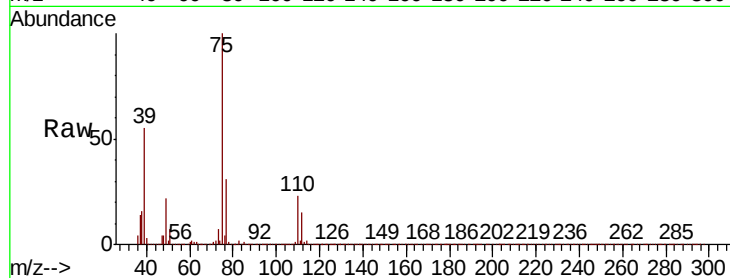
VSTDCCC050EC

Tot Ion: 75 Resp: 1005958

Ion Ratio Lower Upper

75 100

77 31.1 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 48.077 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

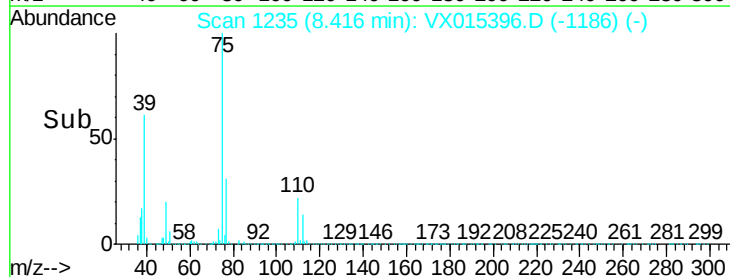
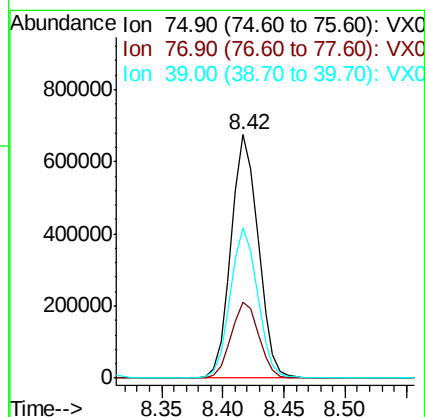
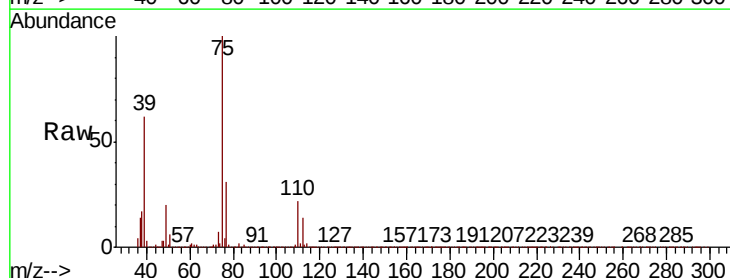
Tgt Ion: 75 Resp: 1039811

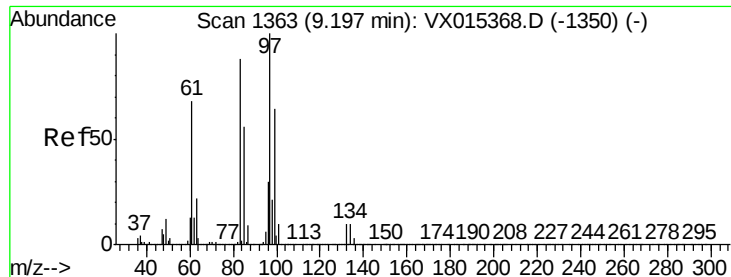
Ion Ratio Lower Upper

75 100

77 31.3 25.8 38.6

39 61.4 49.0 73.4





#55

1,1,2-Trichloroethane

Concen: 48.732 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 582790

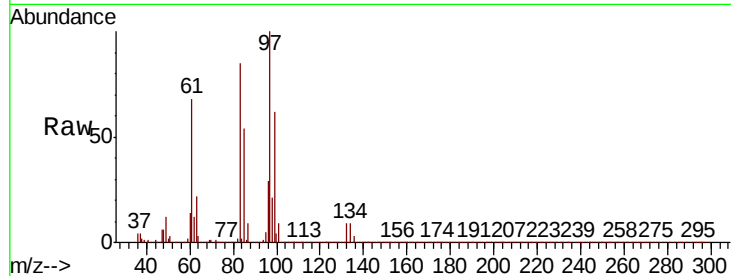
Ion Ratio Lower Upper

97 100

83 85.1 70.2 105.4

85 54.1 44.7 67.1

99 61.8 51.1 76.7

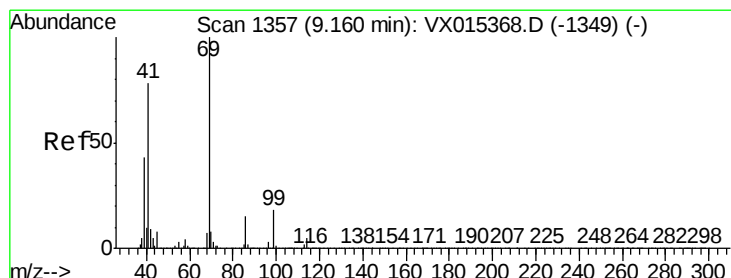
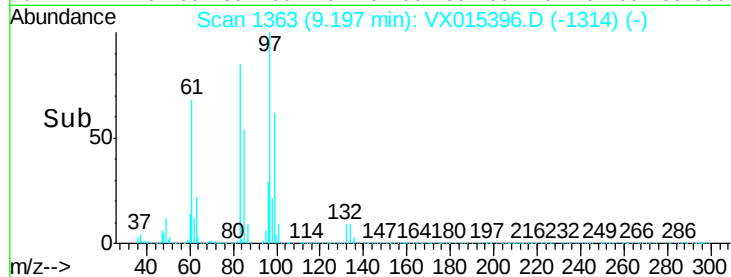
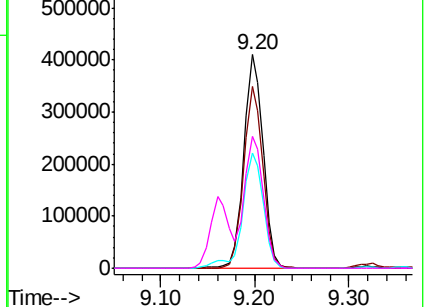


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 49.394 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

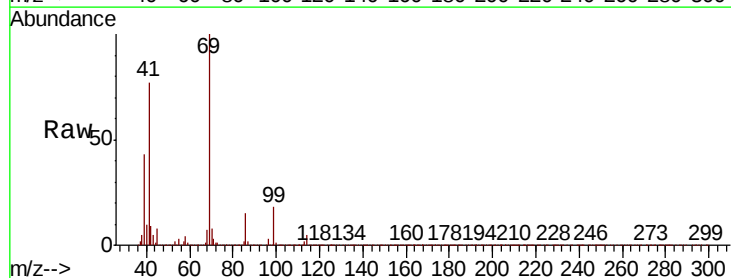
Tgt Ion: 69 Resp: 1041042

Ion Ratio Lower Upper

69 100

41 76.6 61.6 92.4

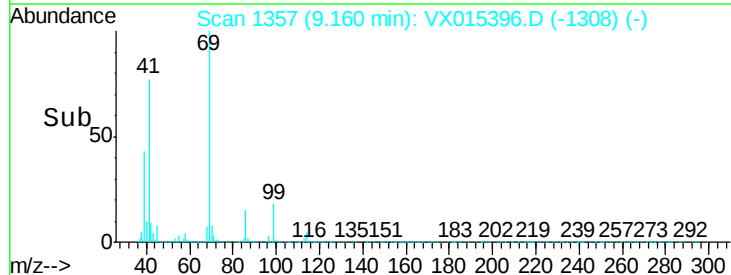
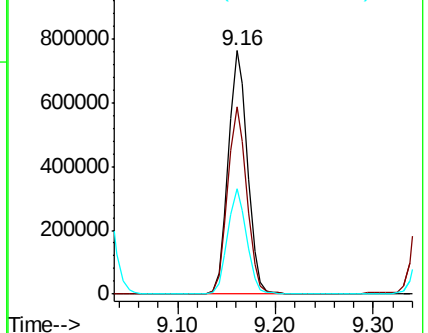
39 42.6 34.0 51.0

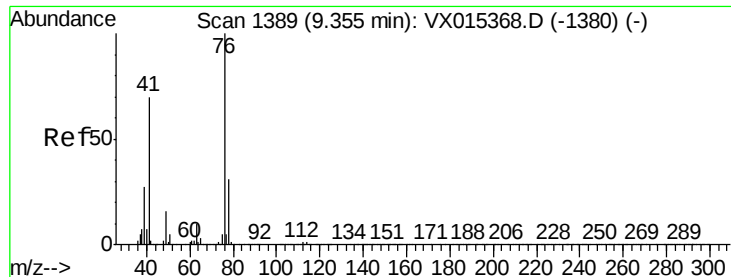


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 47.717 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

Instrument :

MSVOA_X

ClientSampleId :

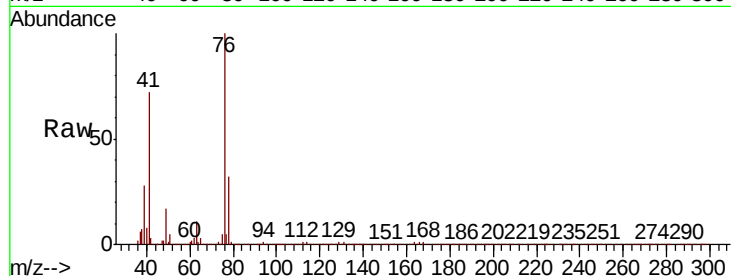
VSTDCCC050EC

Tot Ion: 76 Resp: 1028117

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.36

800000

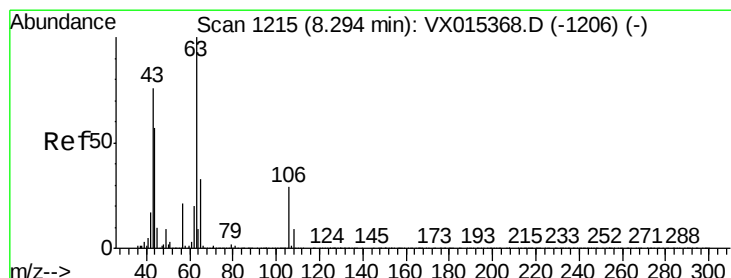
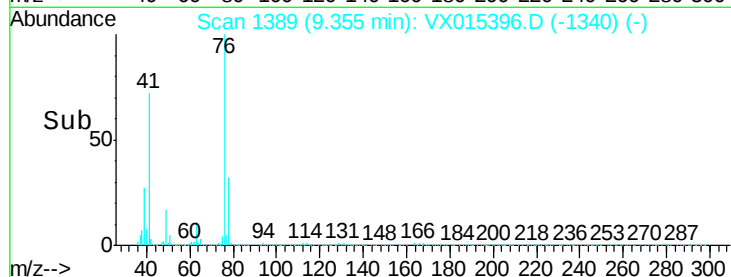
600000

400000

200000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 240.393 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. 0.00 min

Lab File: VX015396.D

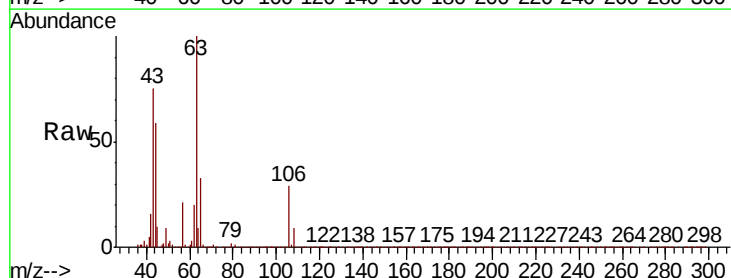
Acq: 27 Mar 2020 20:45

Tgt Ion: 63 Resp: 2464395

Ion Ratio Lower Upper

63 100

106 28.0 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

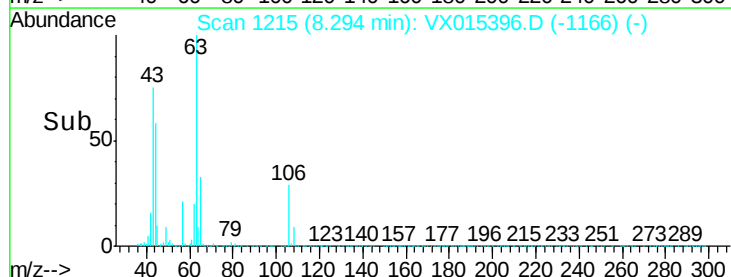
1500000

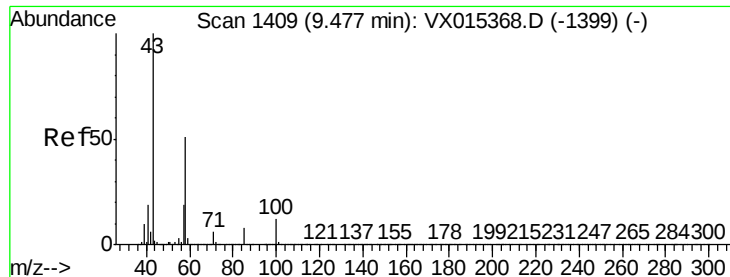
1000000

500000

0

Time-->

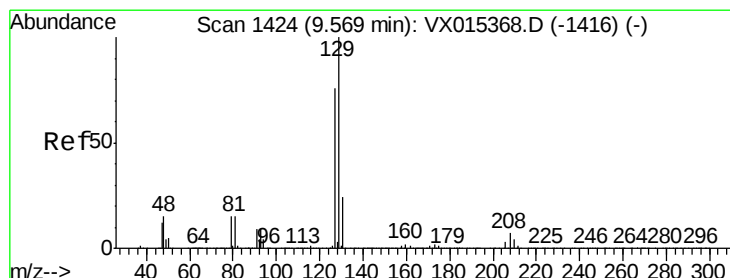
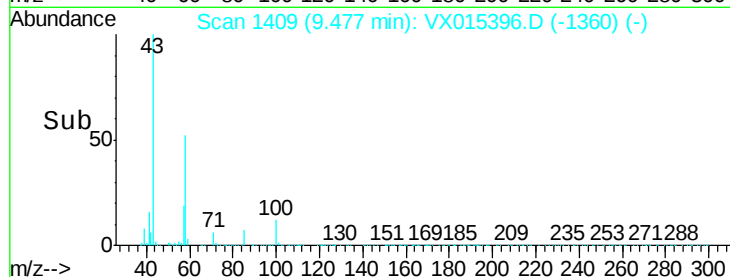
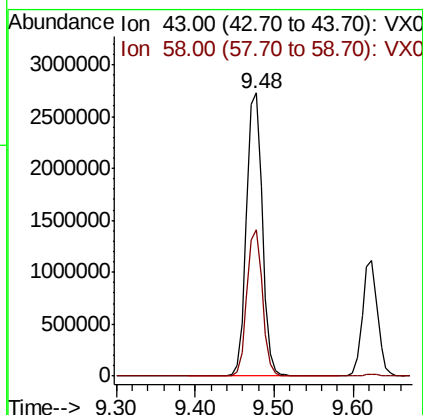
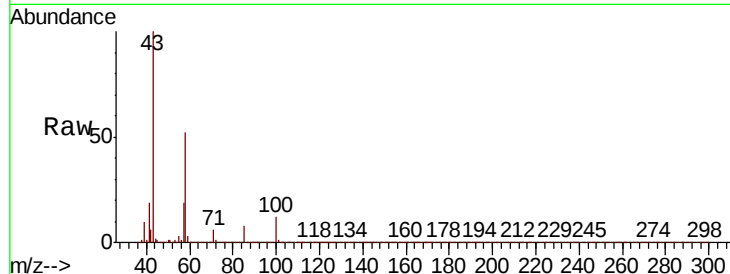




#59
2-Hexanone
Concen: 249.321 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

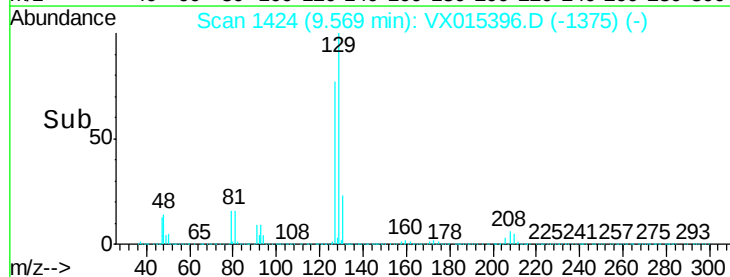
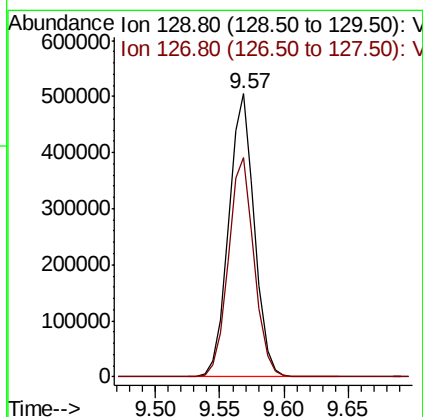
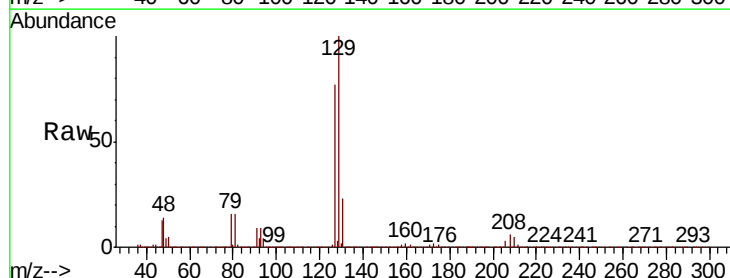
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

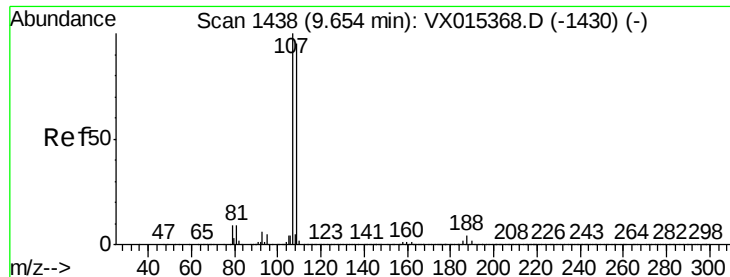
Tot Ion: 43 Resp: 3789730
Ion Ratio Lower Upper
43 100
58 50.8 25.6 76.6



#60
Dibromochloromethane
Concen: 48.875 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

Tgt Ion: 129 Resp: 702345
Ion Ratio Lower Upper
129 100
127 77.8 38.2 114.6





#61

1,2-Dibromoethane

Concen: 48.106 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

Instrument :

MSVOA_X

ClientSampleId :

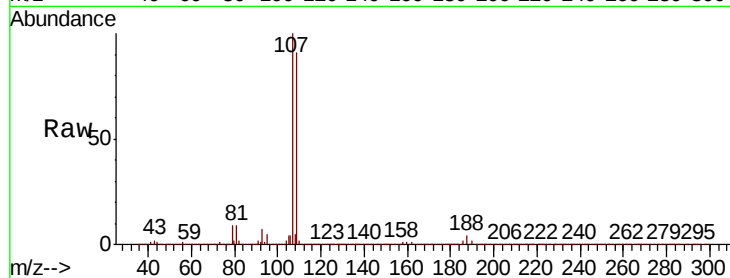
VSTDCCC050EC

Tot Ion: 107 Resp: 625545

Ion Ratio Lower Upper

107 100

109 93.3 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

400000

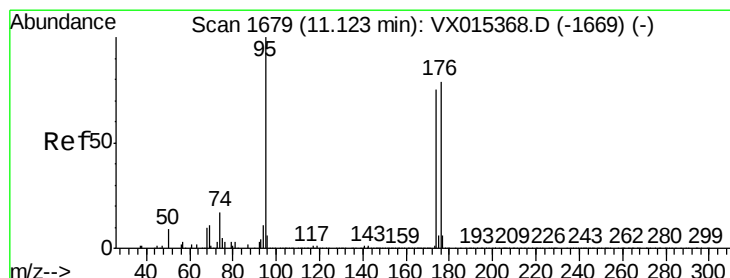
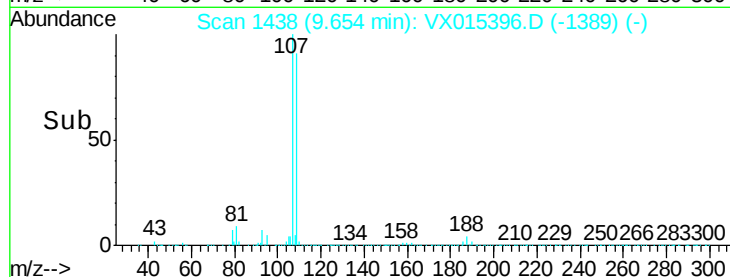
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.265 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

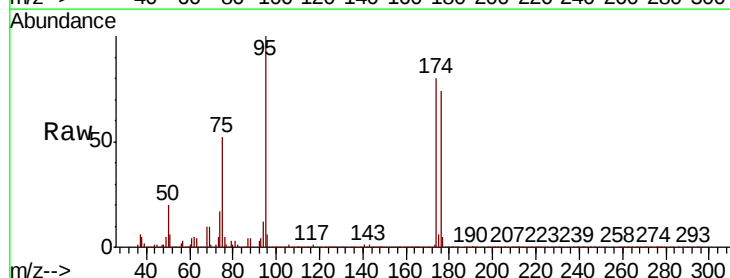
Tgt Ion: 95 Resp: 792994

Ion Ratio Lower Upper

95 100

174 83.0 0.0 158.6

176 74.9 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

800000

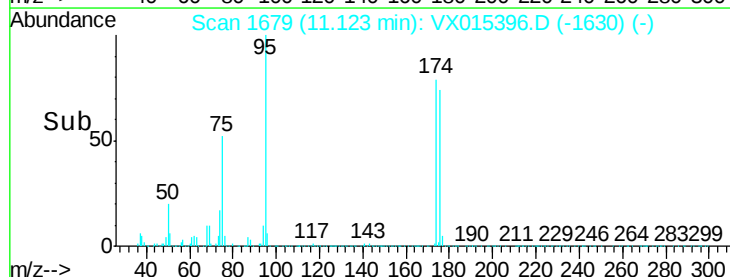
600000

400000

200000

0

Time-->

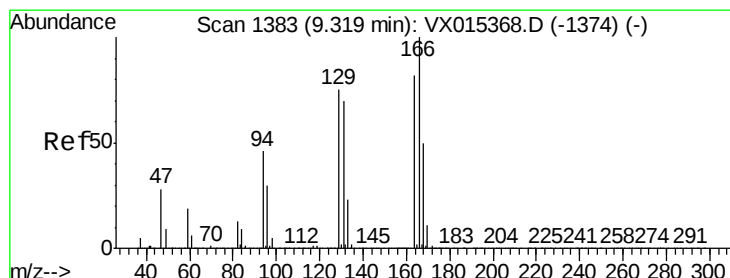
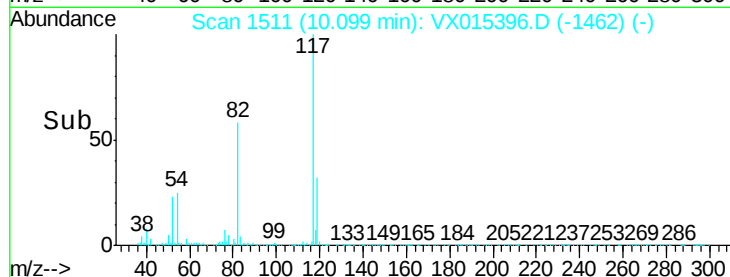
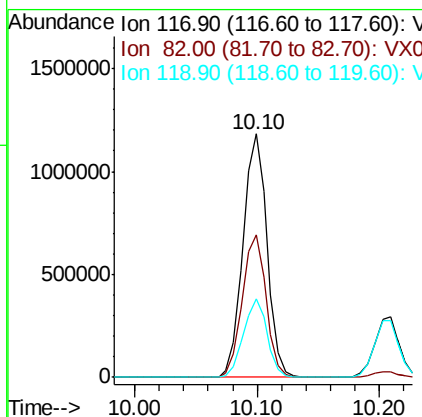
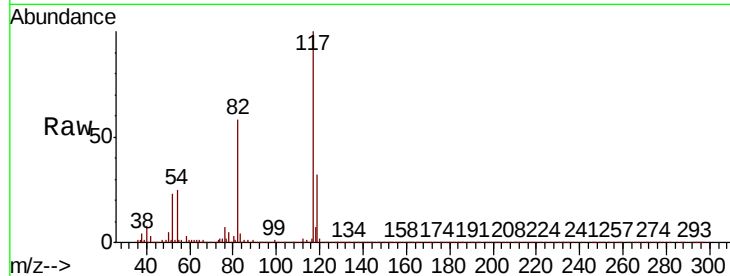




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

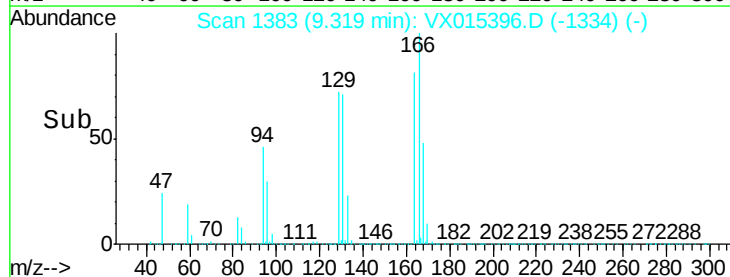
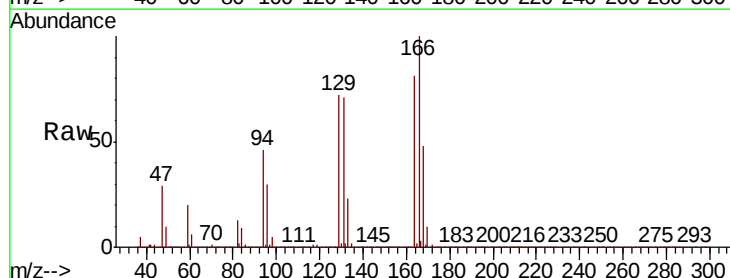
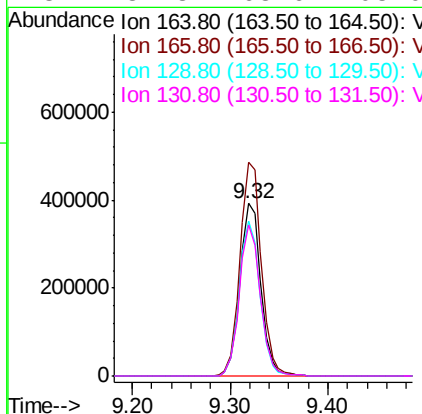
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

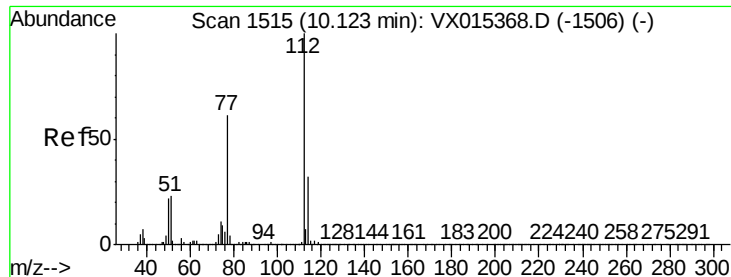
Tot Ion:117 Resp: 1600231
Ion Ratio Lower Upper
117 100
82 58.3 47.8 71.8
119 32.3 26.8 40.2



#64
Tetrachloroethene
Concen: 48.612 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

Tgt Ion:164 Resp: 587060
Ion Ratio Lower Upper
164 100
166 123.7 97.8 146.6
129 89.6 73.0 109.4
131 87.3 68.6 103.0





#65

Chlorobenzene

Concen: 49.429 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

Instrument :

MSVOA_X

ClientSampleId :

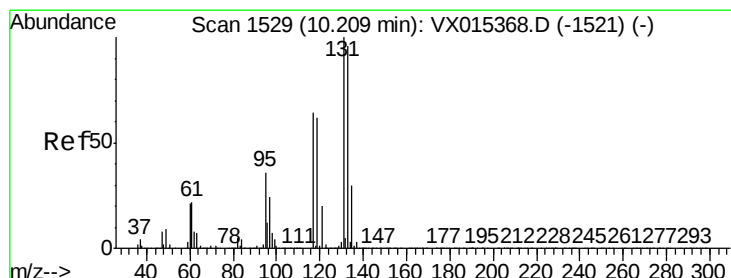
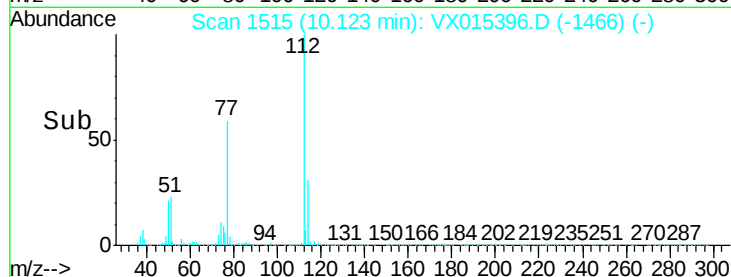
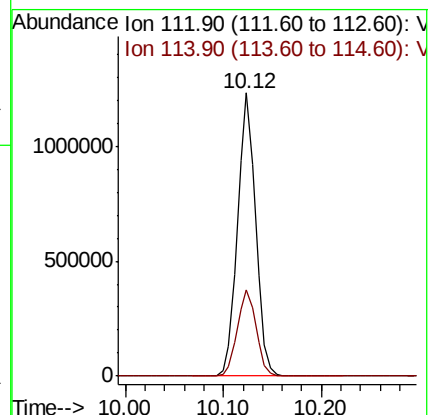
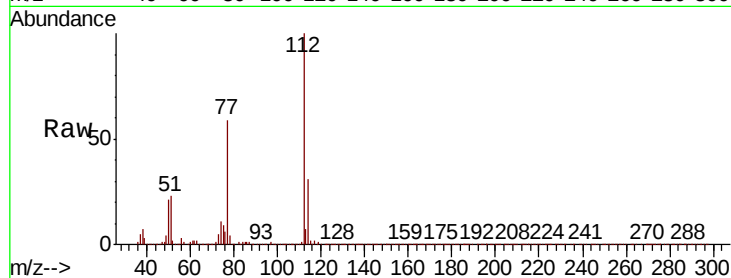
VSTDCCC050EC

Tot Ion:112 Resp: 1577440

Ion Ratio Lower Upper

112 100

114 30.6 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 48.651 ug/l

RT: 10.21 min Scan# 1529

Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

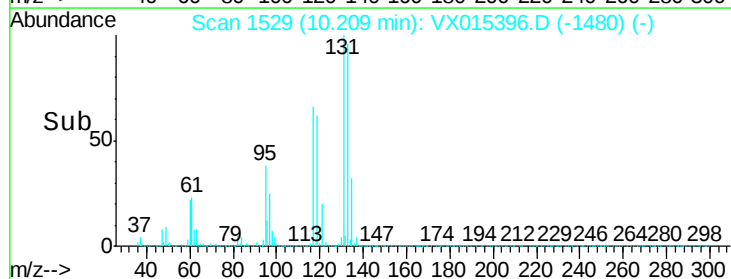
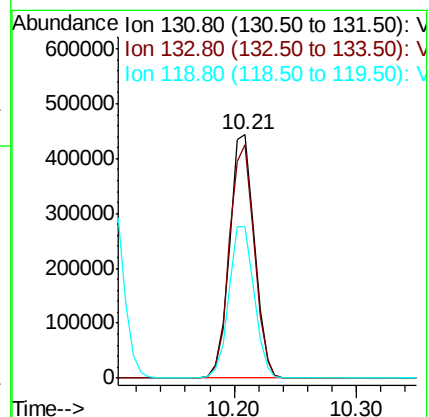
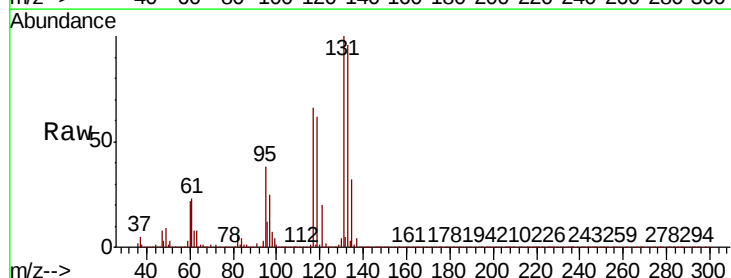
Tgt Ion:131 Resp: 620282

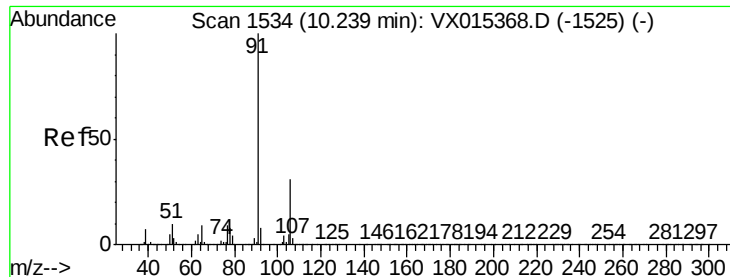
Ion Ratio Lower Upper

131 100

133 96.0 47.6 142.9

119 62.9 31.1 93.3





#67

Ethyl Benzene

Concen: 49.550 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

Instrument :

MSVOA_X

ClientSampleId :

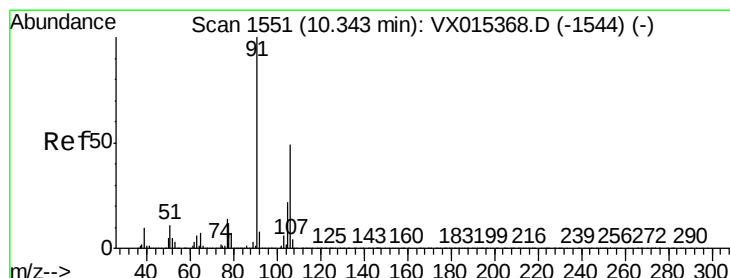
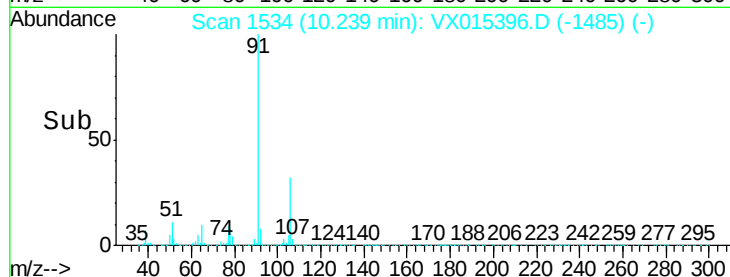
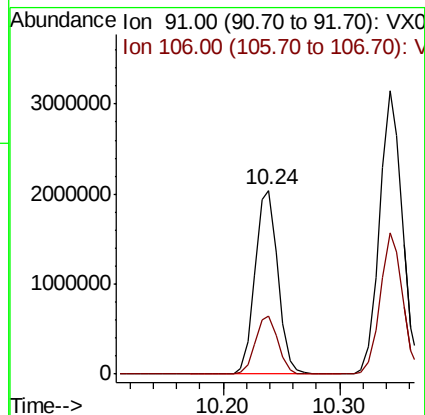
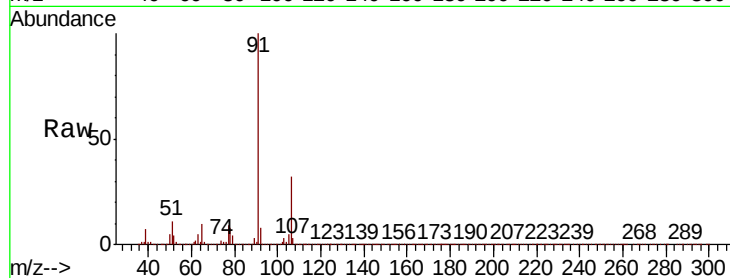
VSTDCCC050EC

Tot Ion: 91 Resp: 2804605

Ion Ratio Lower Upper

91 100

106 31.6 24.8 37.2



#68

m/p-Xylenes

Concen: 100.232 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015396.D

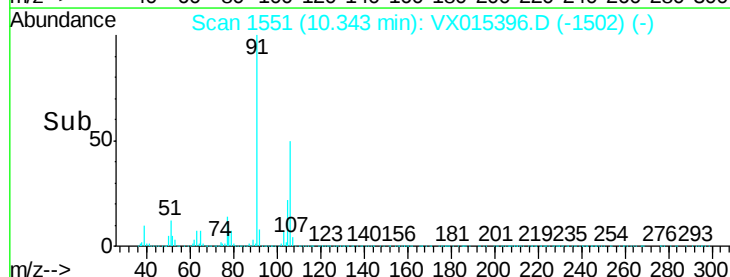
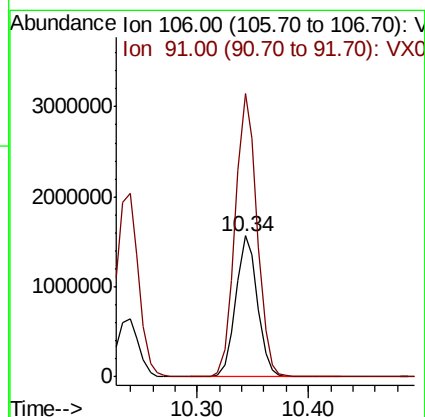
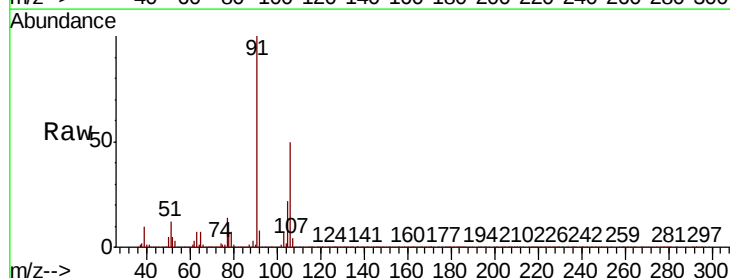
Acq: 27 Mar 2020 20:45

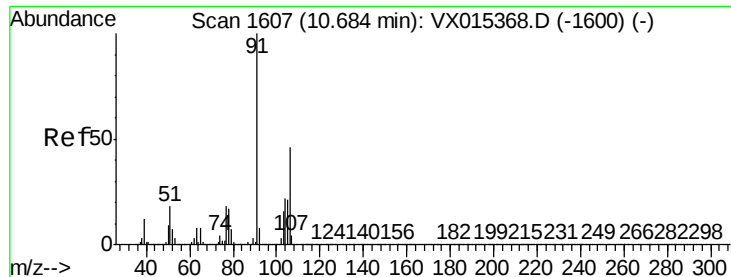
Tgt Ion: 106 Resp: 2112537

Ion Ratio Lower Upper

106 100

91 202.4 163.4 245.0

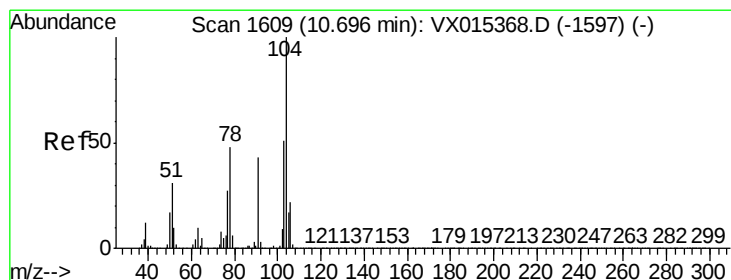
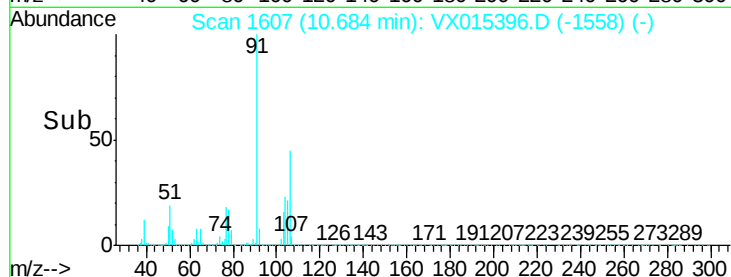
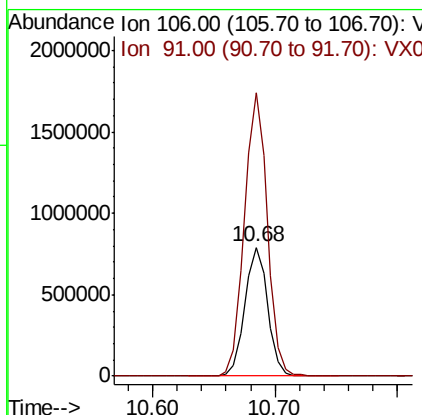
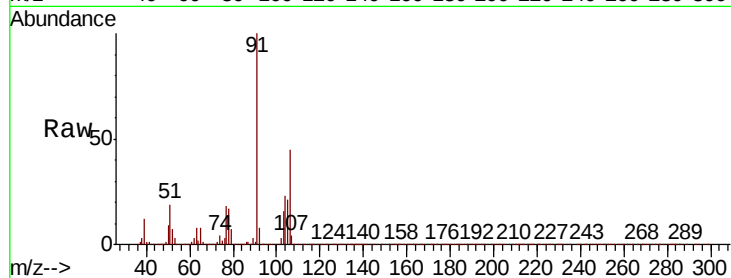




#69
o-Xylene
Concen: 49.129 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

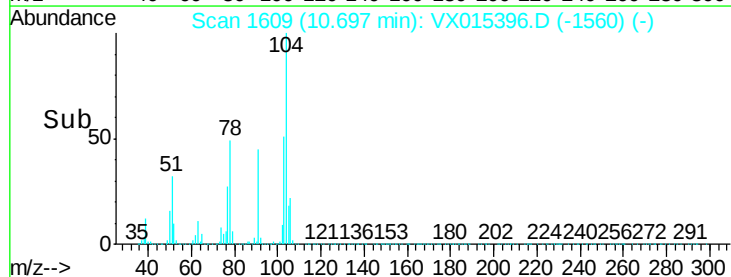
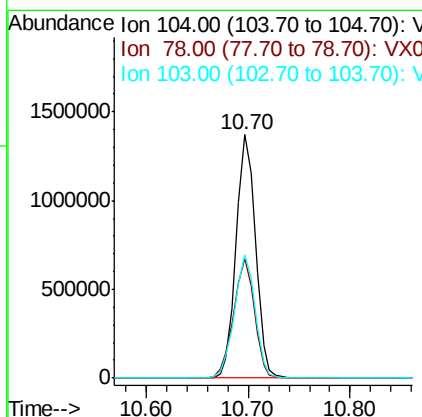
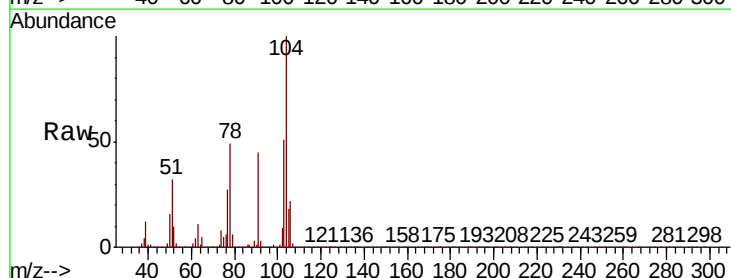
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

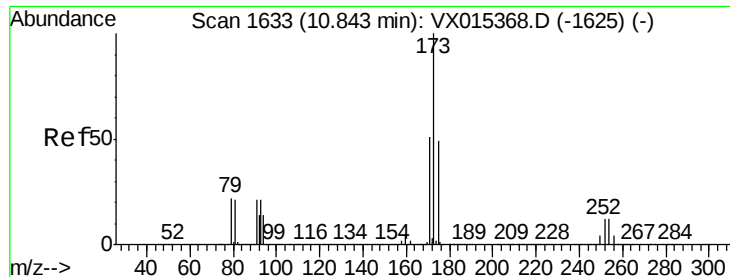
Tot Ion:106 Resp: 1023203
Ion Ratio Lower Upper
106 100
91 220.2 107.1 321.3



#70
Styrene
Concen: 48.988 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

Tgt Ion:104 Resp: 1795370
Ion Ratio Lower Upper
104 100
78 52.9 42.0 63.0
103 53.9 43.4 65.0

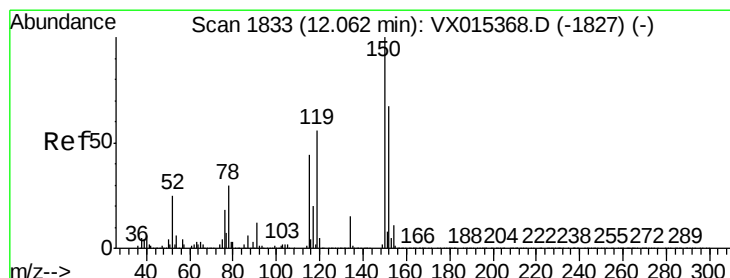
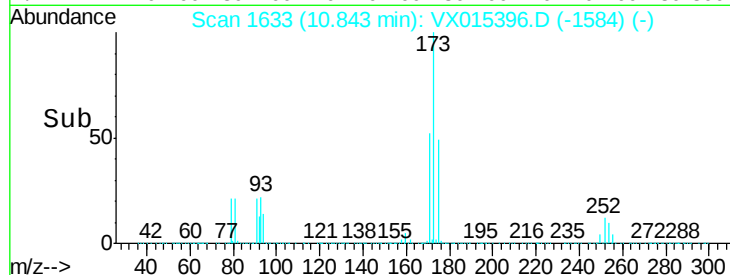
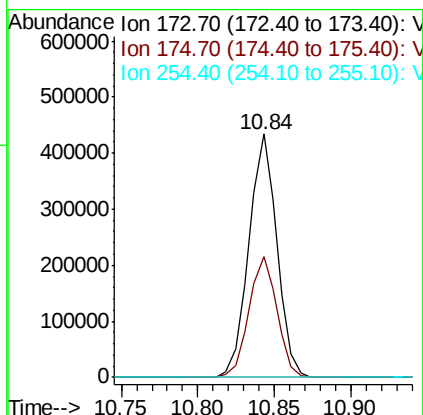
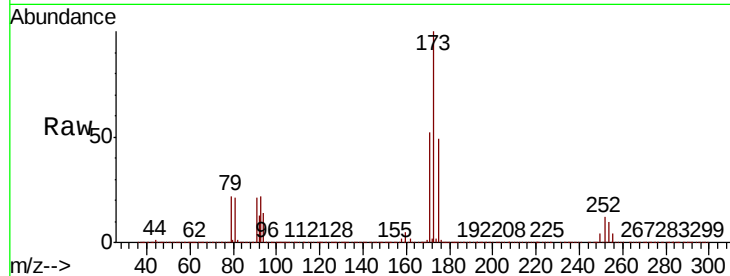




#71
Bromoform
Concen: 47.491 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

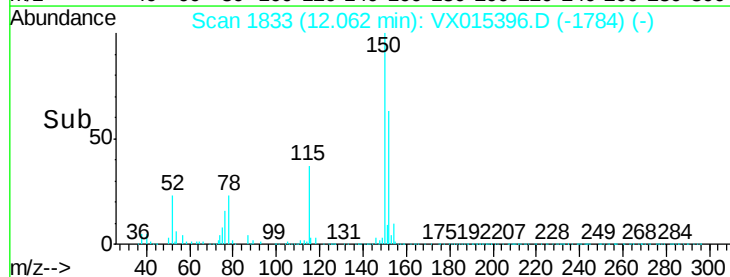
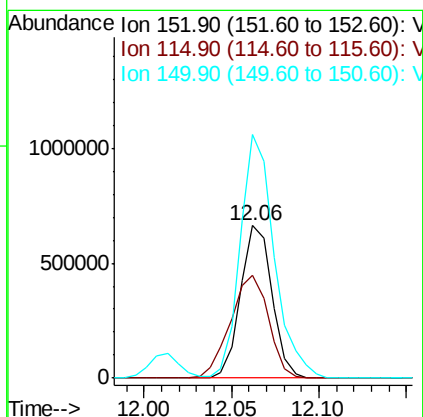
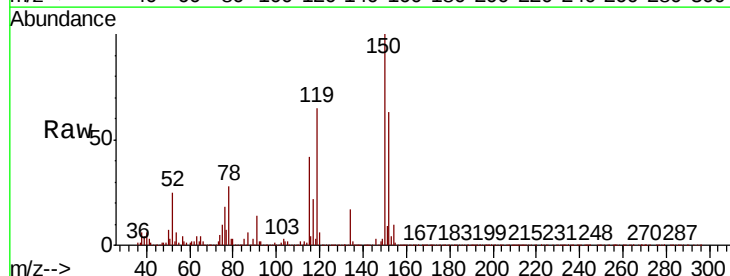
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

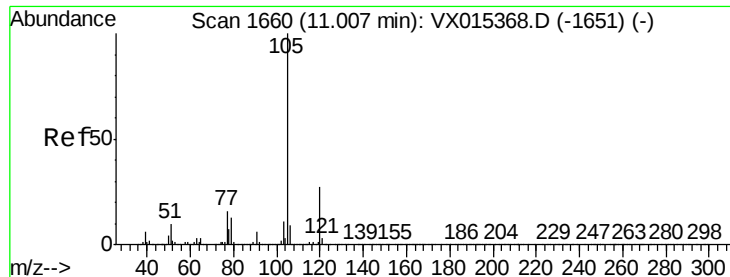
Tot Ion:173 Resp: 551206
Ion Ratio Lower Upper
173 100
175 49.8 23.9 71.7
254 0.3 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

Tgt Ion:152 Resp: 830226
Ion Ratio Lower Upper
152 100
115 82.0 39.0 116.9
150 172.5 0.0 340.8





#73

Isopropylbenzene

Concen: 51.073 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

Instrument :

MSVOA_X

ClientSampleId :

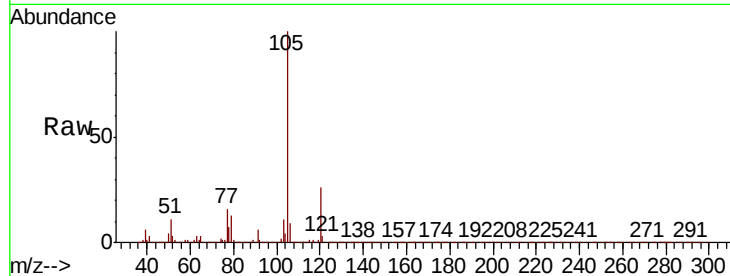
VSTDCCC050EC

Tot Ion:105 Resp: 2778275

Ion Ratio Lower Upper

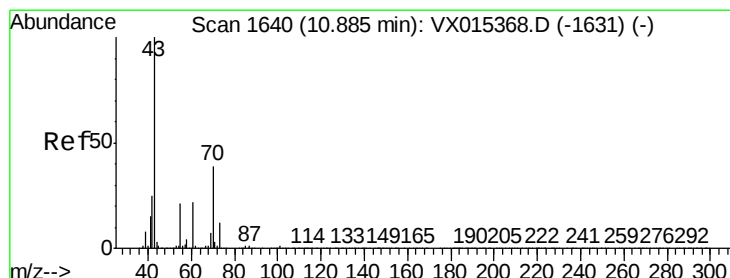
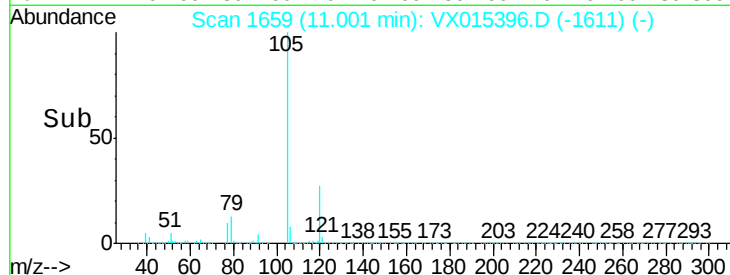
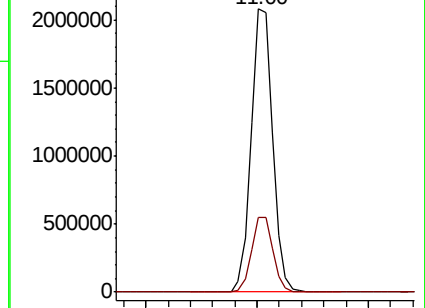
105 100

120 26.6 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.062 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

Tgt Ion: 43 Resp: 1484392

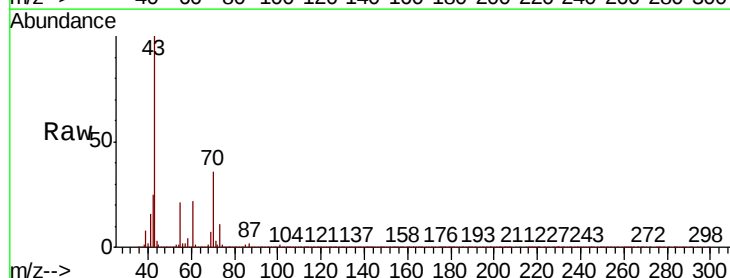
Ion Ratio Lower Upper

43 100

70 37.5 30.2 45.4

55 21.5 16.8 25.2

61 22.8 18.2 27.2

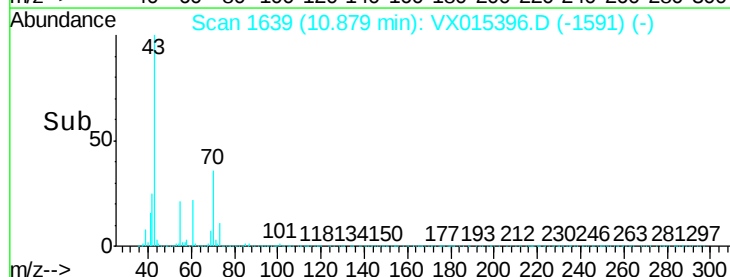
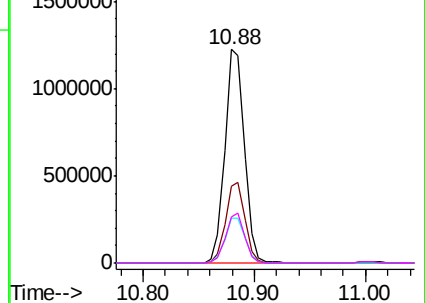


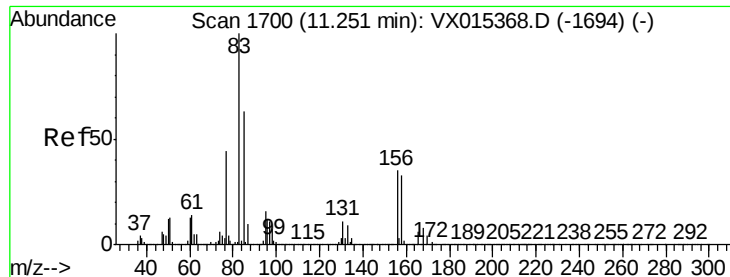
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.463 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

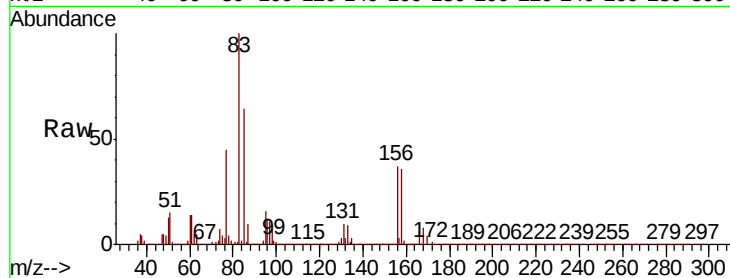
Tot Ion: 83 Resp: 904604

Ion Ratio Lower Upper

83 100

131 10.5 5.3 16.1

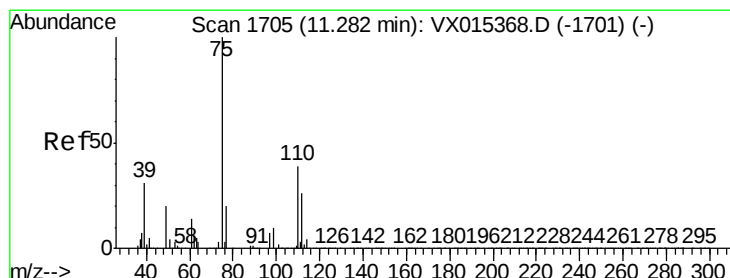
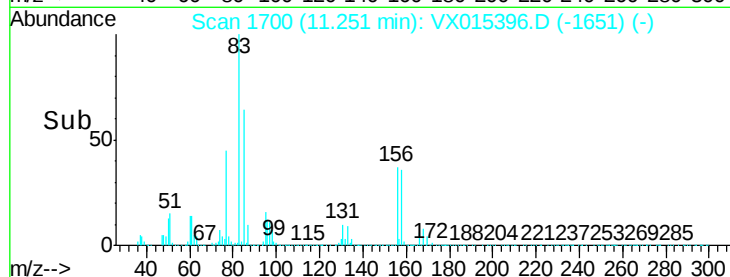
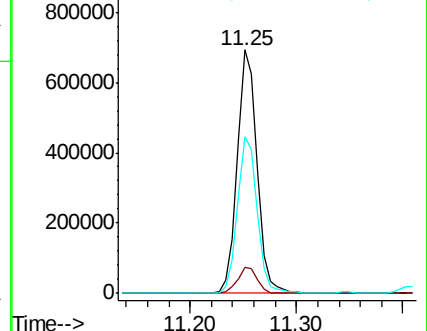
85 64.8 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 65.137 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015396.D

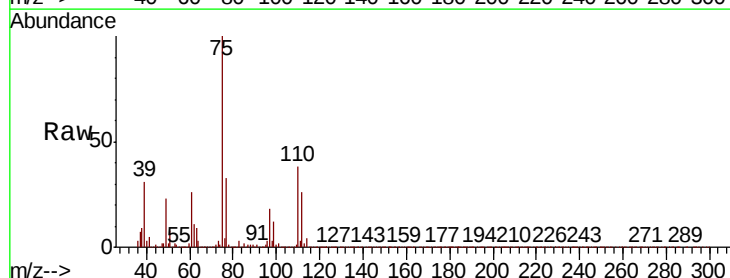
Acq: 27 Mar 2020 20:45

Tgt Ion: 75 Resp: 1112086

Ion Ratio Lower Upper

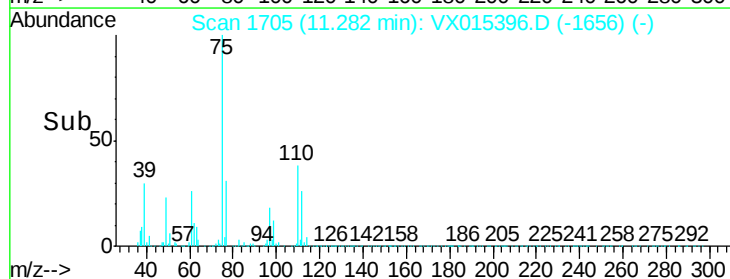
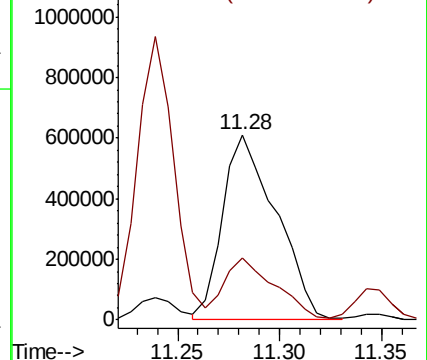
75 100

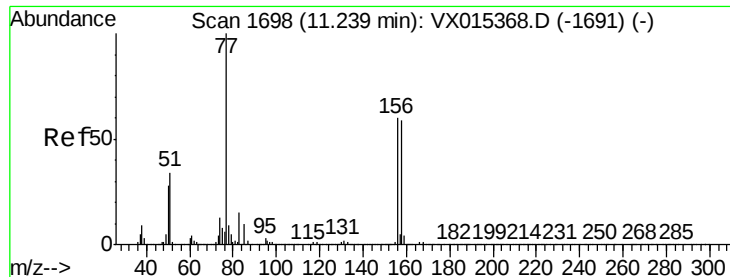
77 31.6 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.085 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

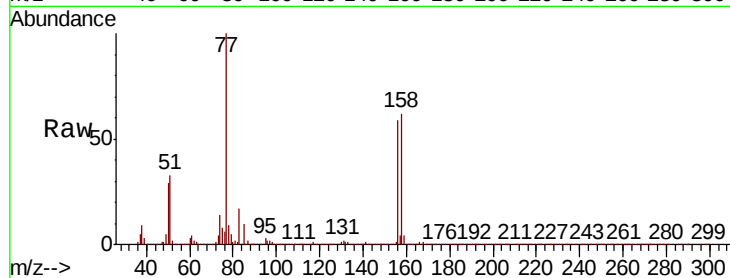
Tot Ion:156 Resp: 697720

Ion Ratio Lower Upper

156 100

77 167.6 82.2 246.5

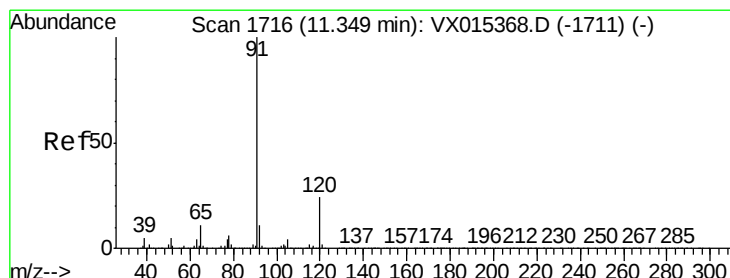
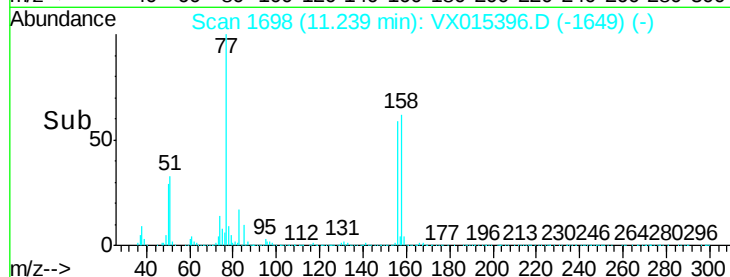
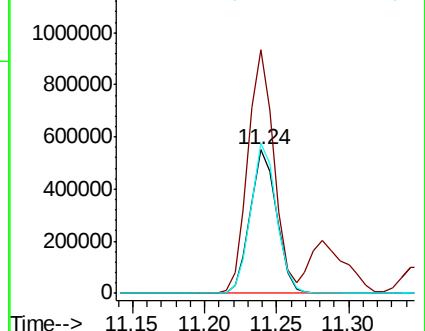
158 102.1 49.3 147.9



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: 50.756 ug/l

RT: 11.35 min Scan# 1716

Delta R.T. 0.00 min

Lab File: VX015396.D

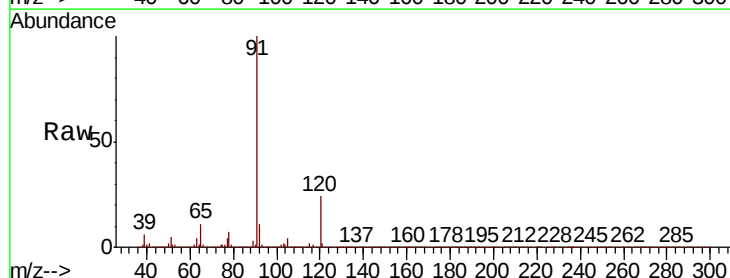
Acq: 27 Mar 2020 20:45

Tgt Ion: 91 Resp: 3157166

Ion Ratio Lower Upper

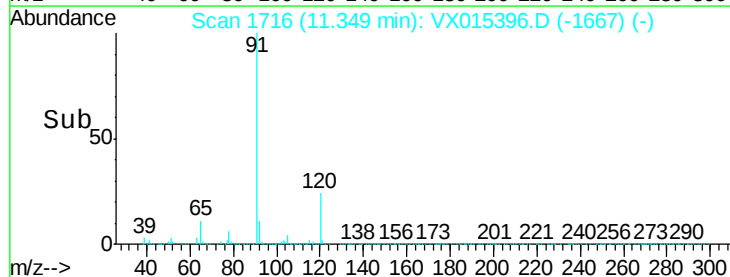
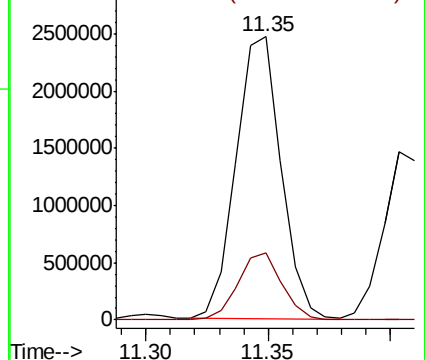
91 100

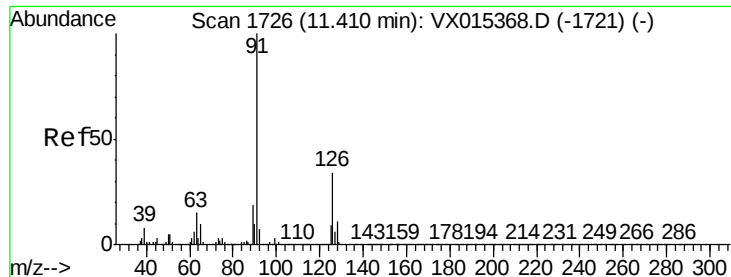
120 23.2 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.856 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

Instrument :

MSVOA_X

ClientSampleId :

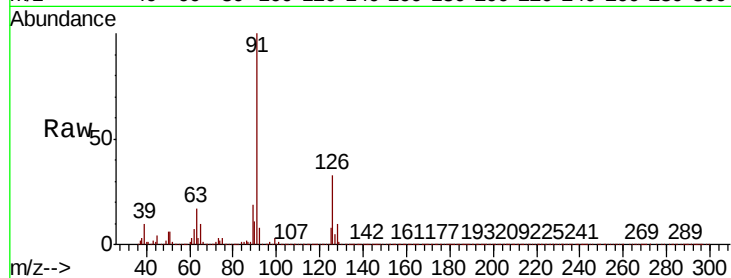
VSTDCCC050EC

Tot Ion: 91 Resp: 1900796

Ion Ratio Lower Upper

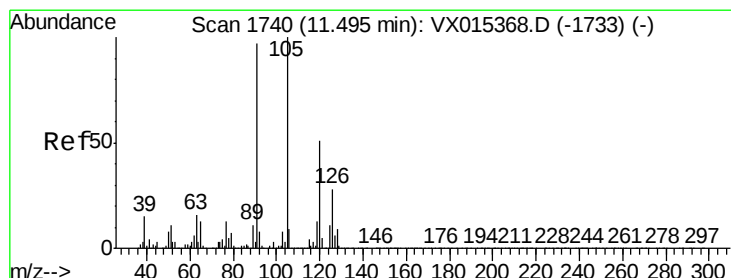
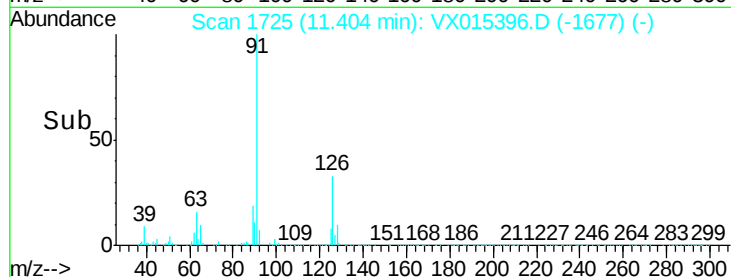
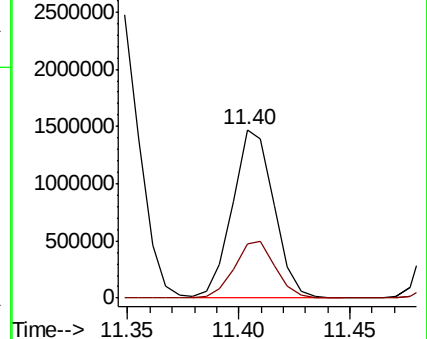
91 100

126 33.5 16.5 49.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.567 ug/l

RT: 11.50 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015396.D

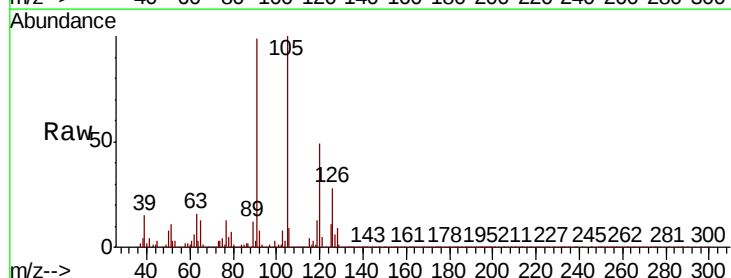
Acq: 27 Mar 2020 20:45

Tgt Ion: 105 Resp: 2349213

Ion Ratio Lower Upper

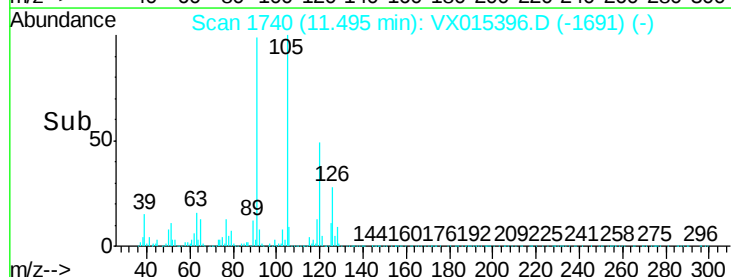
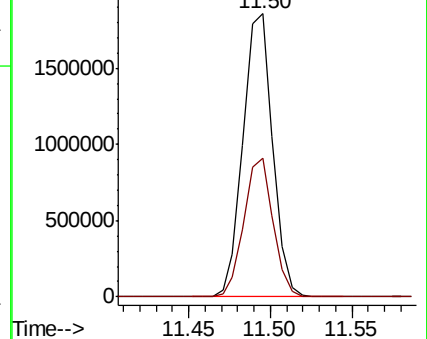
105 100

120 48.5 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 47.370 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

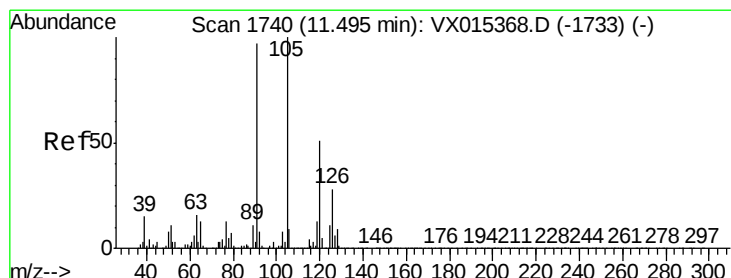
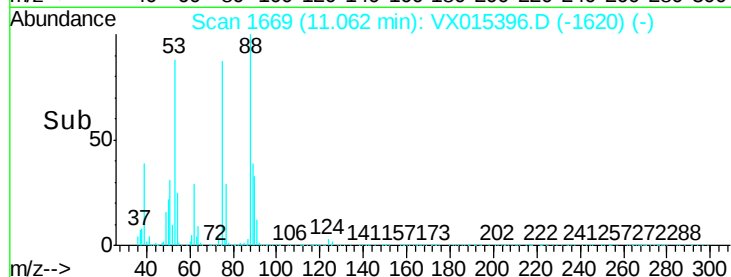
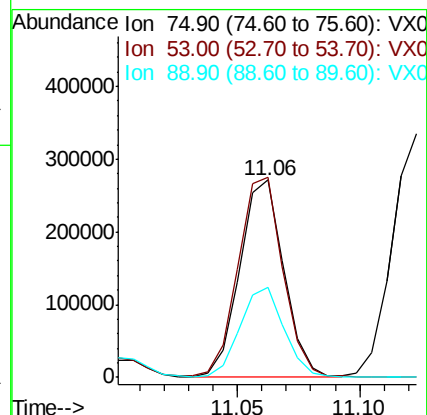
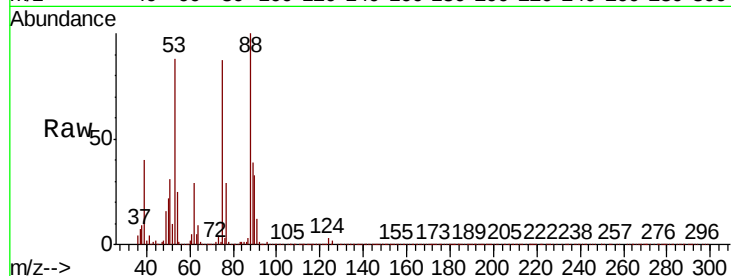
Tot Ion: 75 Resp: 337055

Ion Ratio Lower Upper

75 100

53 103.1 80.1 120.1

89 46.3 36.1 54.1



#82

4-Chlorotoluene

Concen: 49.920 ug/l

RT: 11.50 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015396.D

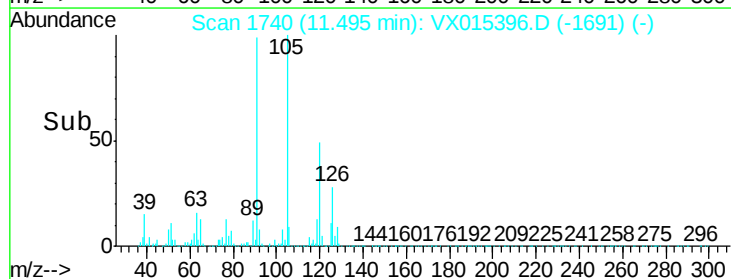
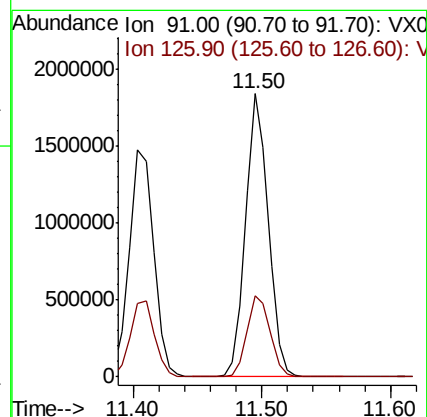
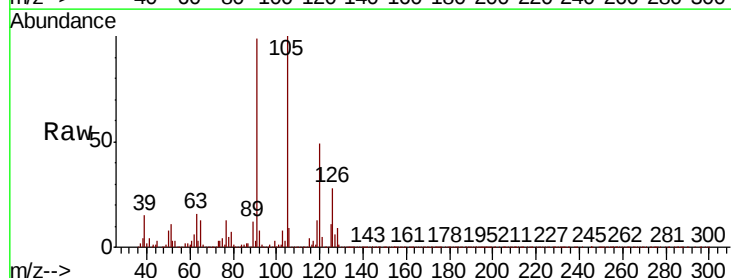
Acq: 27 Mar 2020 20:45

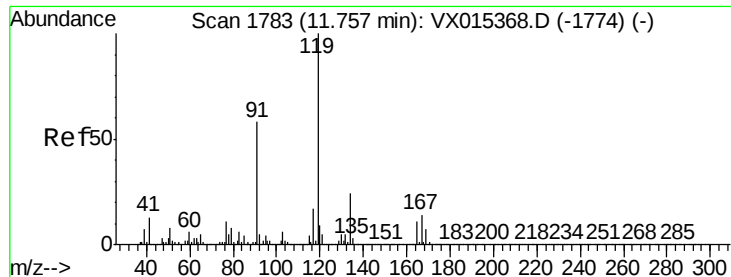
Tgt Ion: 91 Resp: 2231167

Ion Ratio Lower Upper

91 100

126 29.1 14.7 44.1





#83

tert-Butylbenzene

Concen: 50.525 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

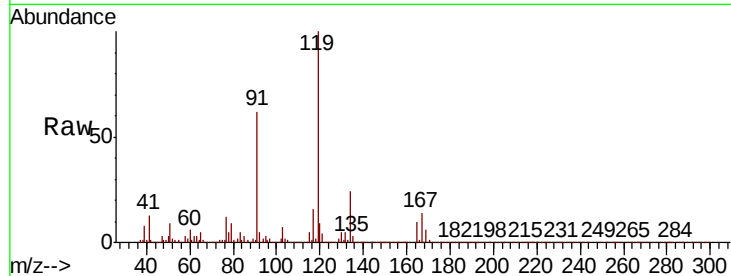
Tot Ion:119 Resp: 2292771

Ion Ratio Lower Upper

119 100

91 61.0 28.6 85.8

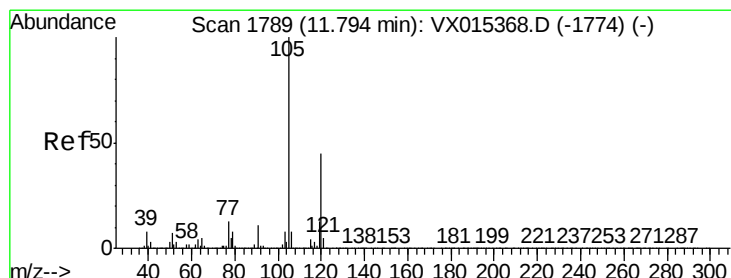
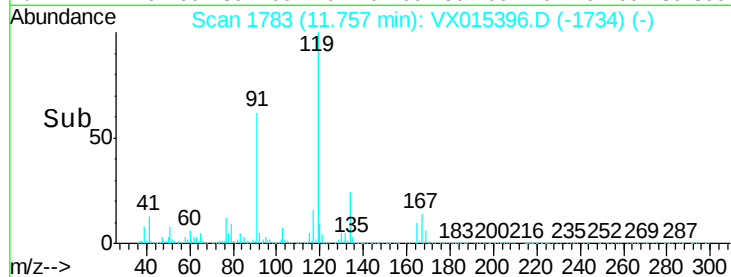
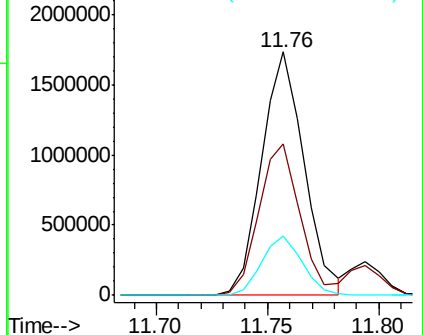
134 23.4 11.8 35.3



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: 50.381 ug/l

RT: 11.79 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX015396.D

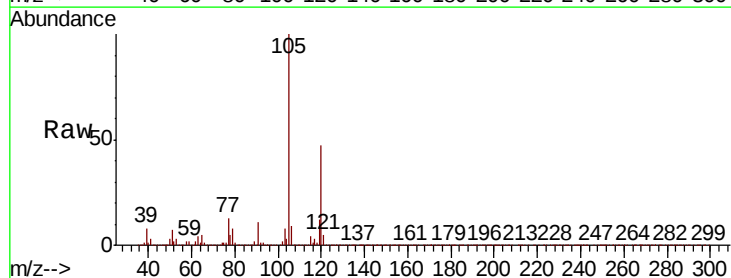
Acq: 27 Mar 2020 20:45

Tgt Ion:105 Resp: 2385156

Ion Ratio Lower Upper

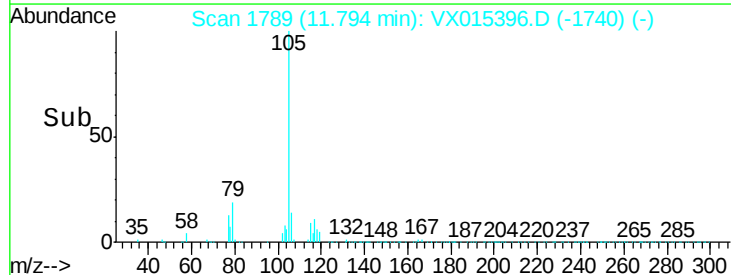
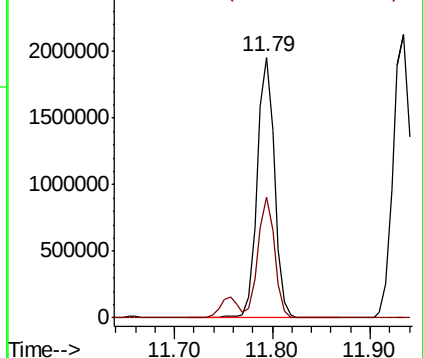
105 100

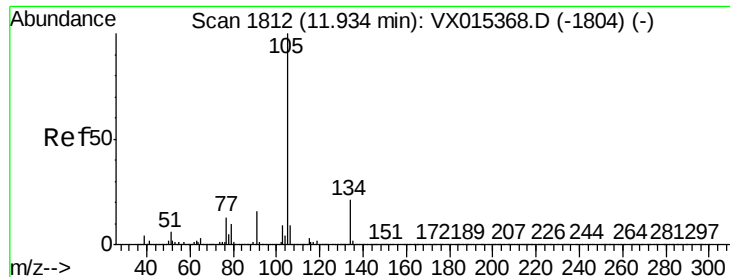
120 45.0 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.489 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

Instrument :

MSVOA_X

ClientSampleId :

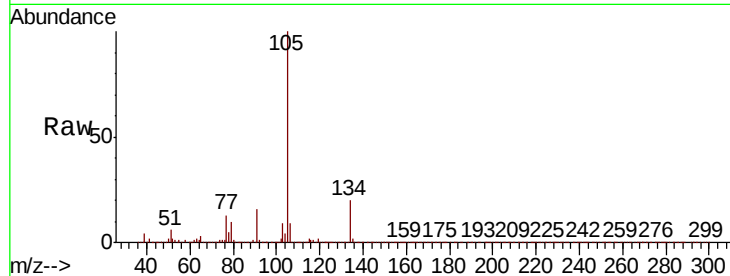
VSTDCCC050EC

Tot Ion:105 Resp: 2649824

Ion Ratio Lower Upper

105 100

134 20.1 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

2500000

2000000

1500000

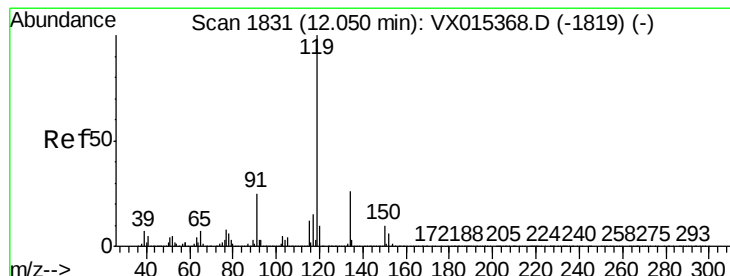
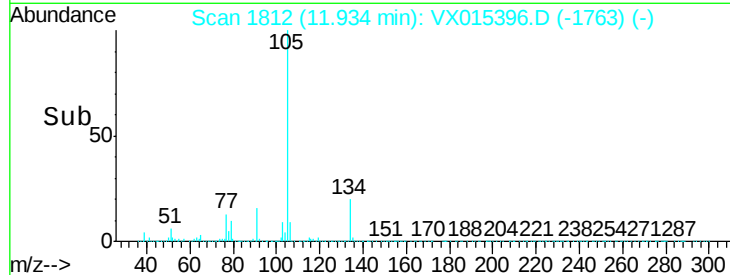
1000000

500000

0

Time--> 11.85 11.90 11.95 12.00

11.93



#86

p-Isopropyltoluene

Concen: 51.165 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

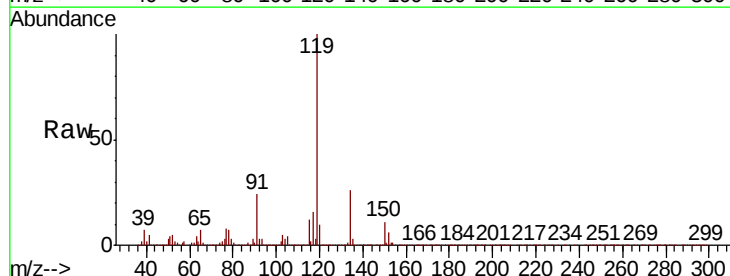
Tgt Ion:119 Resp: 2492907

Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

91 24.2 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): V

2500000

2000000

1500000

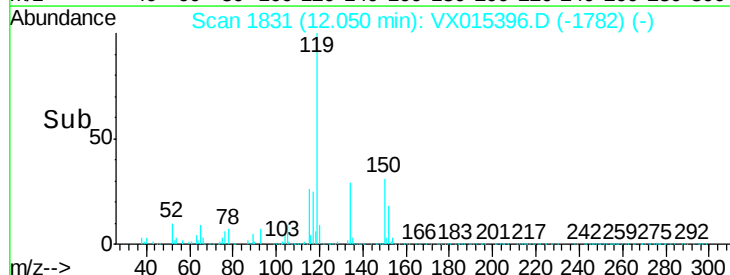
1000000

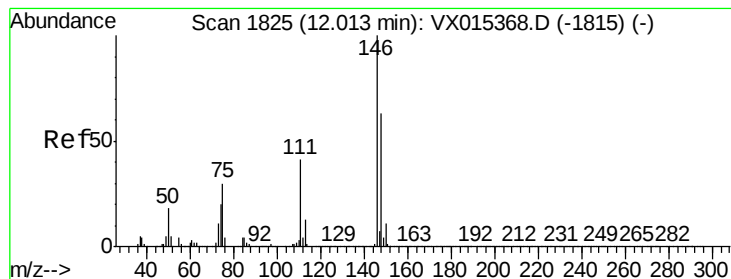
500000

0

Time--> 12.00 12.10

12.05





#87

1,3-Dichlorobenzene

Concen: 48.405 ug/l

RT: 12.01 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

Instrument :

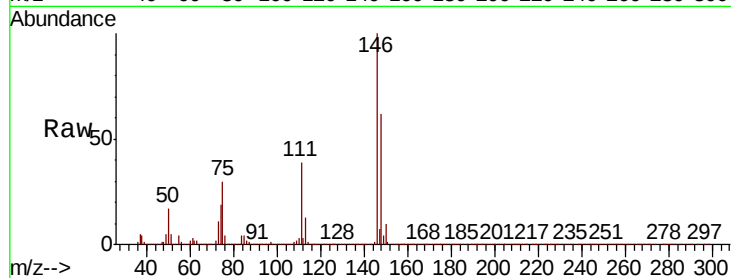
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:146 Resp: 1257351

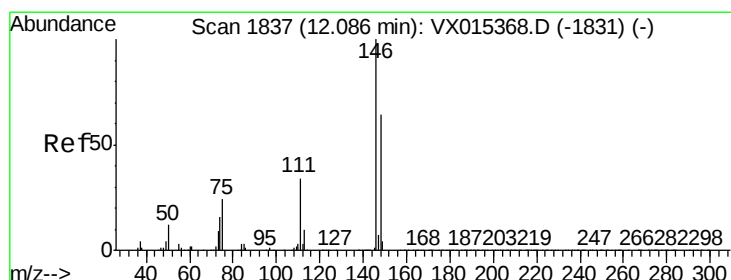
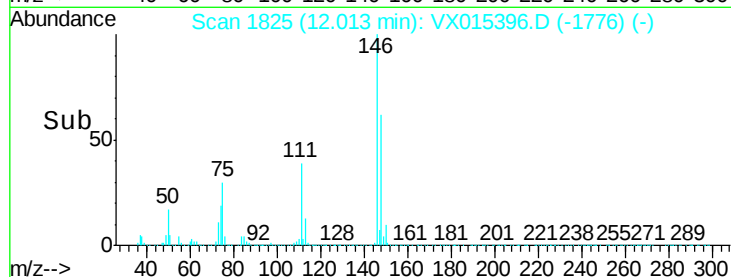
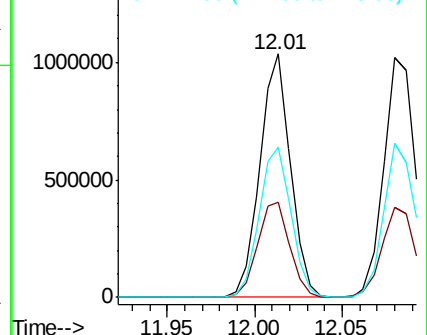
Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.3	60.9
148	64.1	31.3	93.9



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: 48.475 ug/l

RT: 12.08 min Scan# 1836

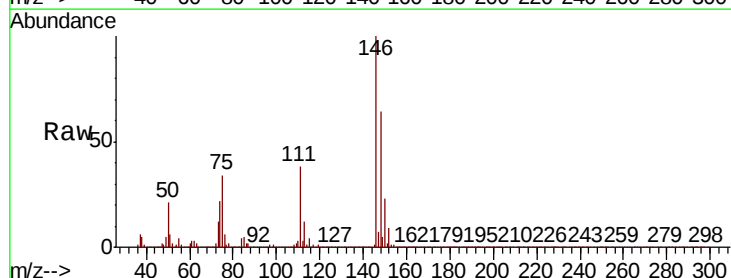
Delta R.T. -0.01 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

Tgt Ion:146 Resp: 1282587

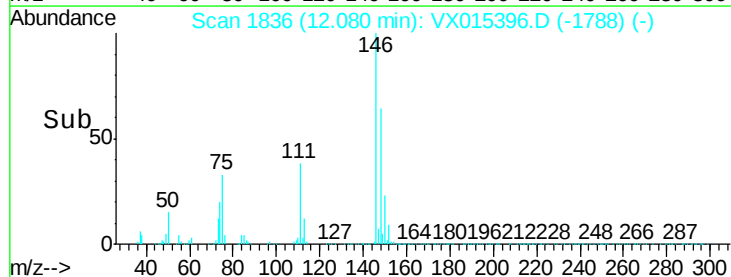
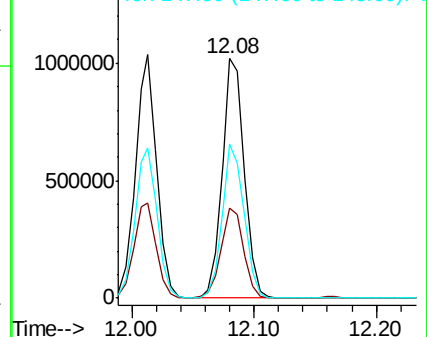
Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.1	57.5
148	63.6	32.4	97.2

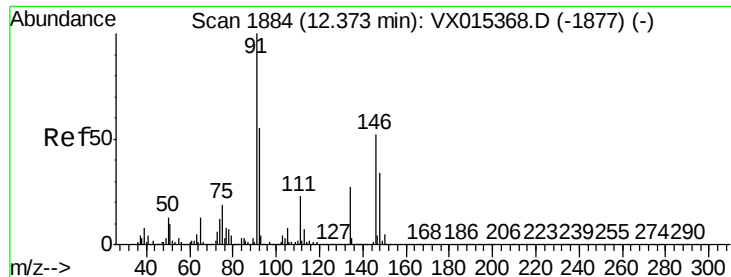


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

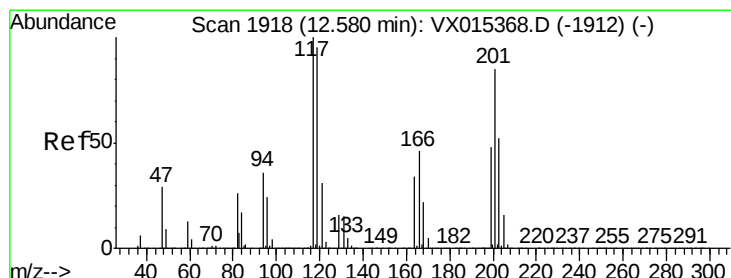
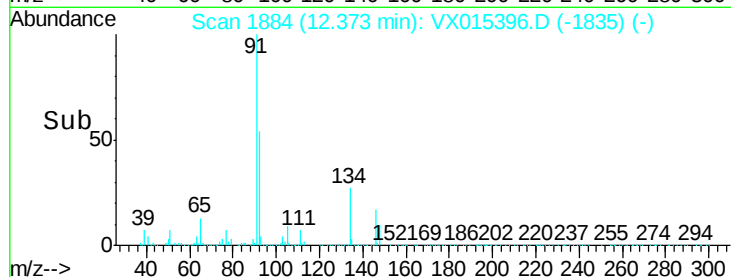
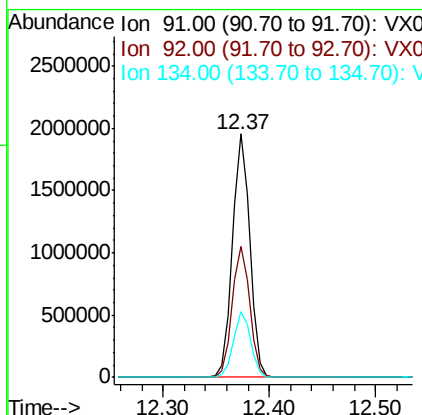
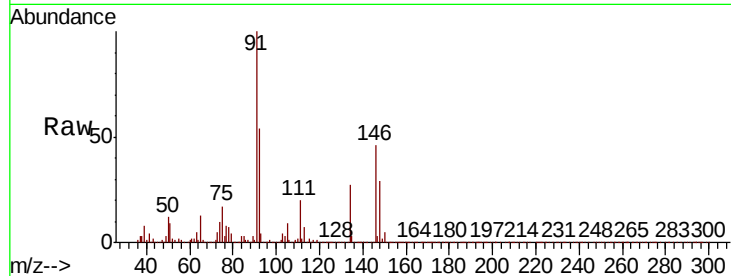




#89
n-Butylbenzene
Concen: 51.050 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

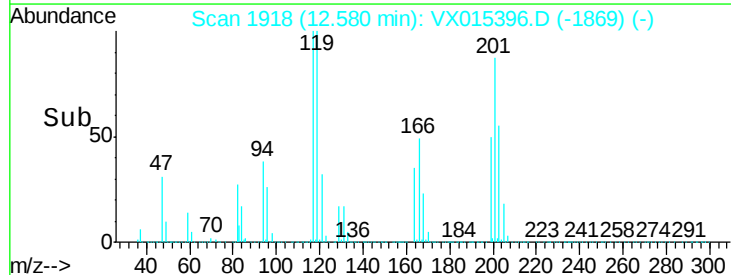
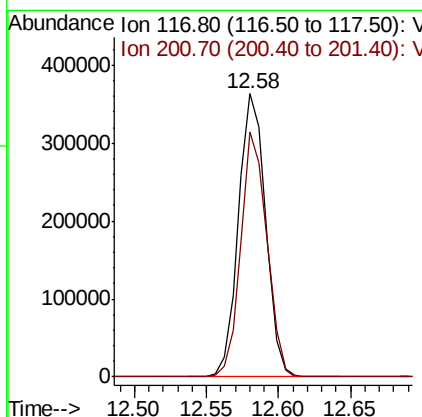
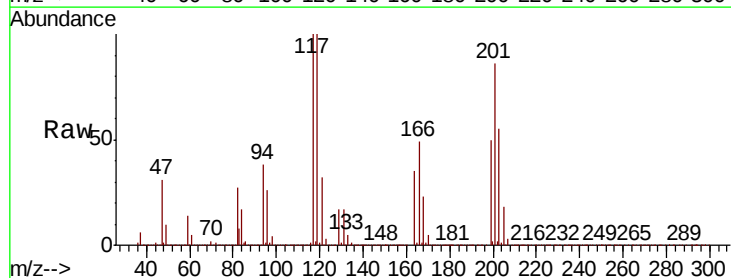
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

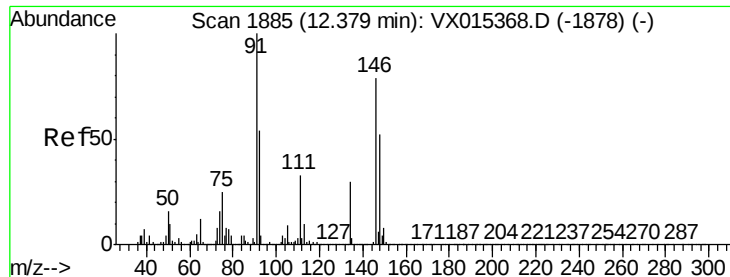
Tot Ion: 91 Resp: 2247669
Ion Ratio Lower Upper
91 100
92 54.5 27.2 81.5
134 26.7 13.4 40.2



#90
Hexachloroethane
Concen: 50.005 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

Tgt Ion: 117 Resp: 474207
Ion Ratio Lower Upper
117 100
201 82.8 42.6 128.0





#91

1,2-Dichlorobenzene

Concen: 49.084 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

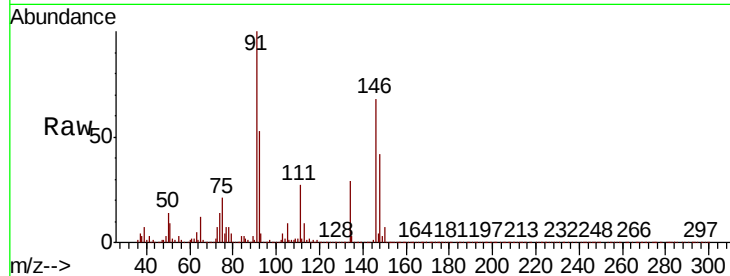
Tot Ion:146 Resp: 1247762

Ion Ratio Lower Upper

146 100

111 42.1 21.0 63.0

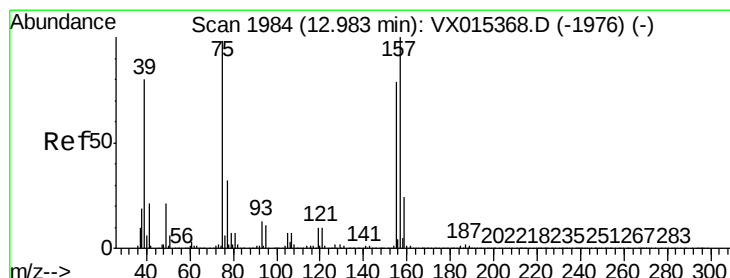
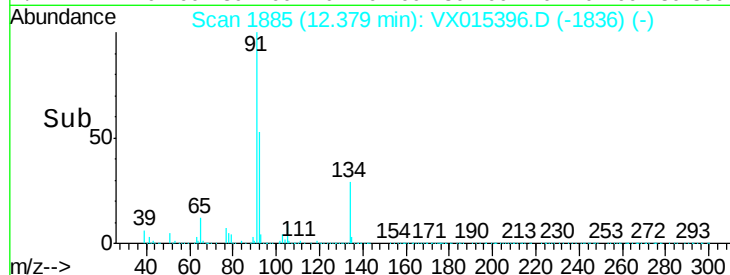
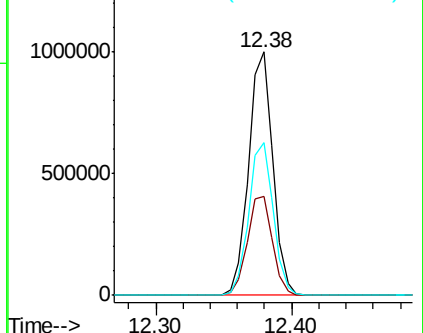
148 63.7 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.362 ug/l

RT: 12.98 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

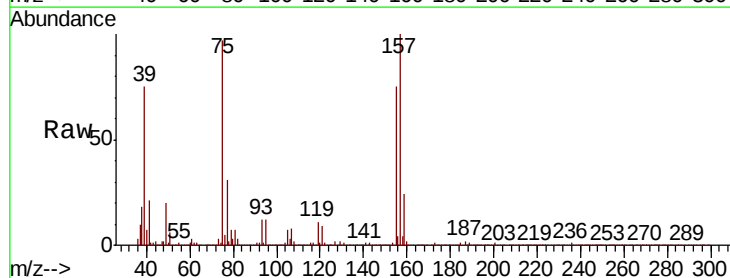
Tgt Ion: 75 Resp: 238985

Ion Ratio Lower Upper

75 100

155 83.6 42.8 128.4

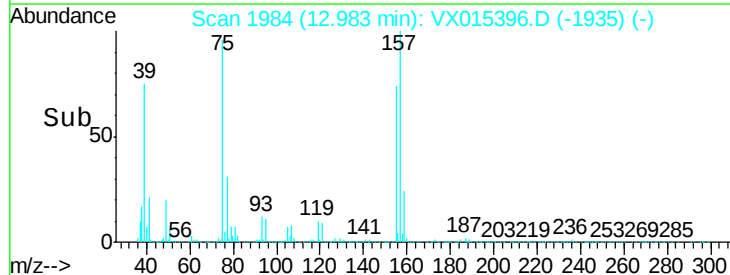
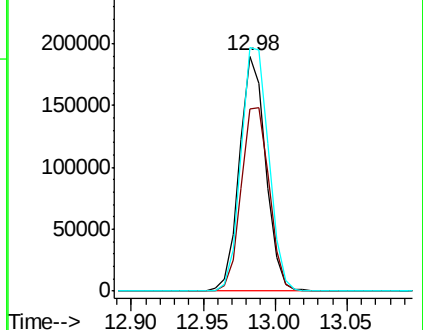
157 109.4 53.4 160.3

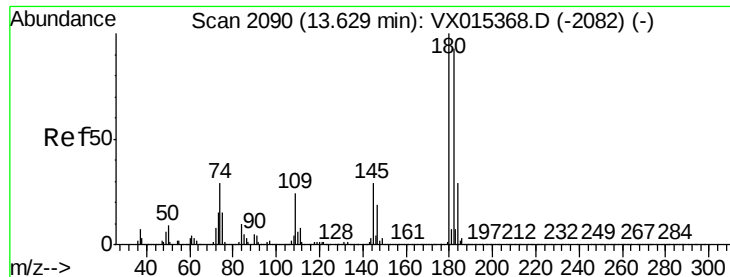


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

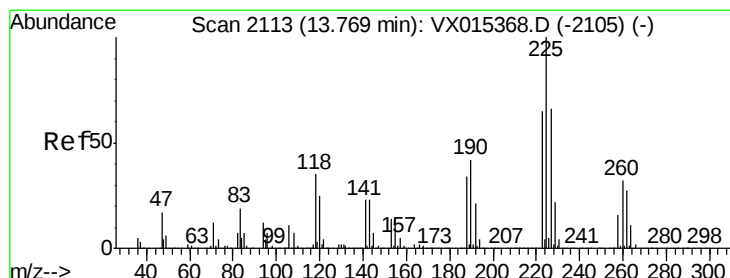
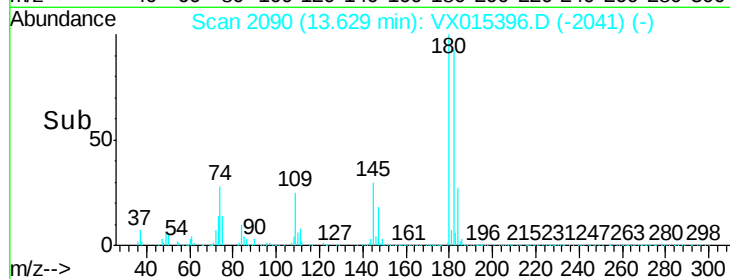
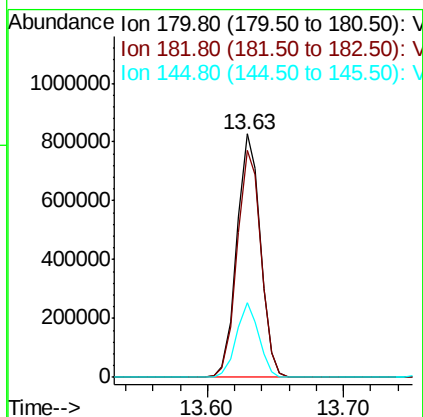
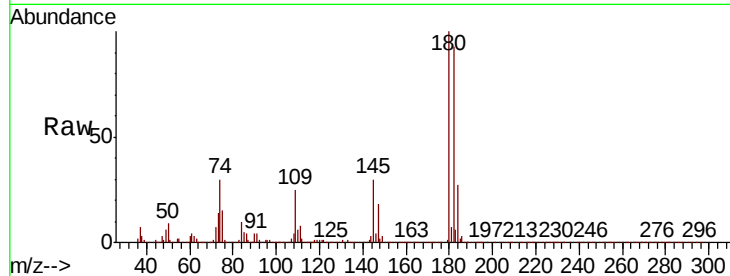




#93
 1,2,4-Trichlorobenzene
 Concen: 49.328 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015396.D
 Acq: 27 Mar 2020 20:45

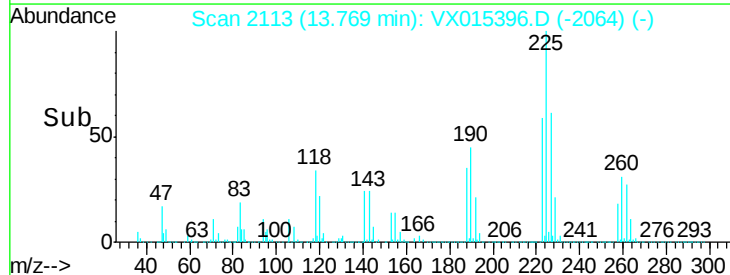
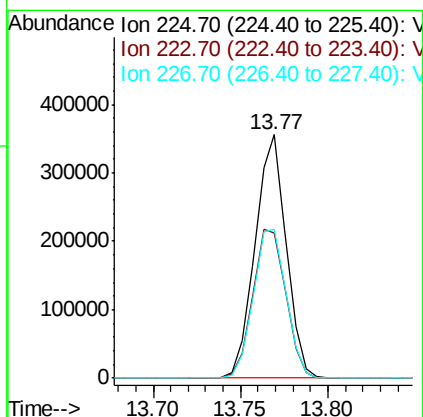
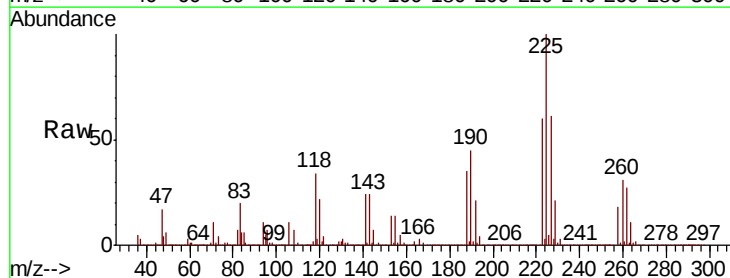
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

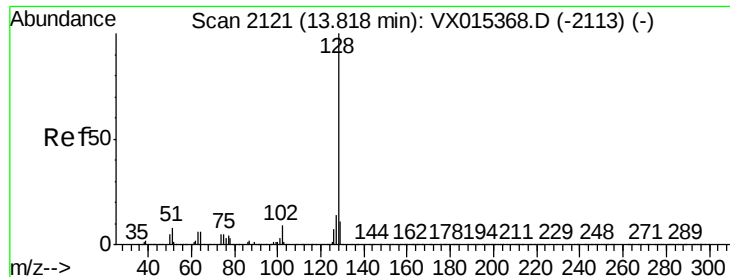
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	46.9	140.7
145	29.3	14.9	44.5



#94
 Hexachlorobutadiene
 Concen: 45.979 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015396.D
 Acq: 27 Mar 2020 20:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.7	31.9	95.7
227	64.4	30.4	91.3

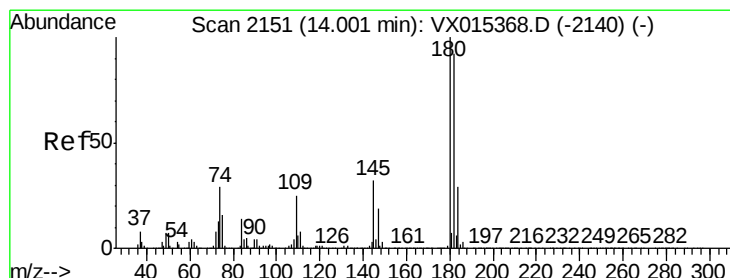
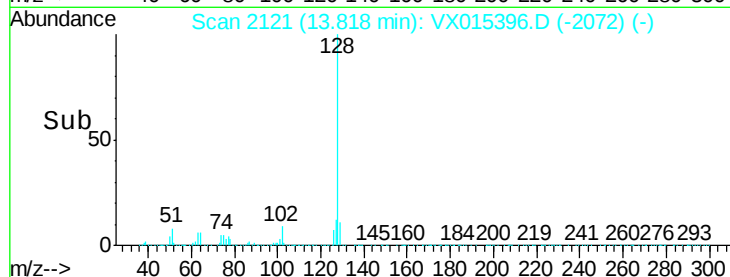
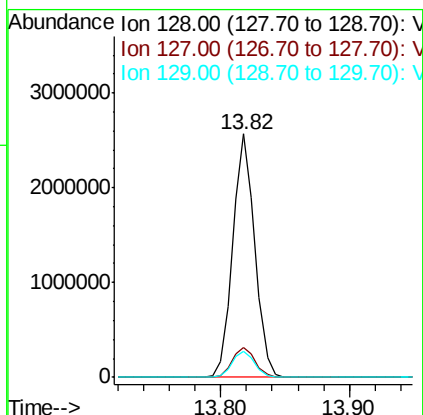
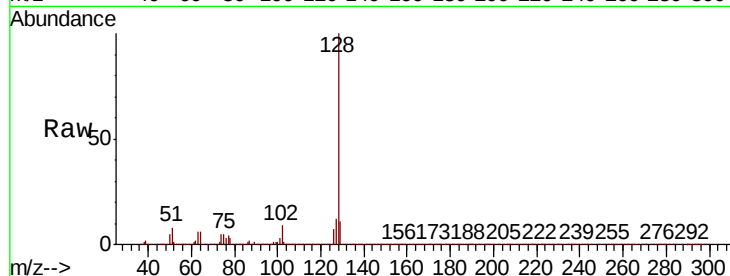




#95
Naphthalene
Concen: 50.014 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 3067624
Ion Ratio Lower Upper
128 100
127 12.8 10.6 15.8
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 49.032 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.01 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

Tgt Ion:180 Resp: 949232
Ion Ratio Lower Upper
180 100
182 94.0 46.7 140.0
145 32.0 15.8 47.3

