

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040620\
 Data File : VX015527.D
 Acq On : 06 Apr 2020 20:43
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 07 05:07:52 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	1098408	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1768301	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1656996	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	891440	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	784758	50.66	ug/l	0.00
Spiked Amount			Recovery	=	101.32%	
35) Dibromofluoromethane	5.47	113	575662	50.93	ug/l	0.00
Spiked Amount			Recovery	=	101.86%	
50) Toluene-d8	8.70	98	2105316	50.59	ug/l	0.00
Spiked Amount			Recovery	=	101.18%	
62) 4-Bromofluorobenzene	11.12	95	869376	51.40	ug/l	0.00
Spiked Amount			Recovery	=	102.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	503972	52.078	ug/l	99
3) Chloromethane	1.31	50	596179	48.376	ug/l	100
4) Vinyl Chloride	1.39	62	556300	49.161	ug/l	99
5) Bromomethane	1.62	94	264821	50.917	ug/l	95
6) Chloroethane	1.70	64	346808	49.416	ug/l	98
7) Trichlorofluoromethane	1.91	101	798665	52.628	ug/l	96
8) Diethyl Ether	2.17	74	316752	49.485	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	519658	52.527	ug/l	99
10) Methyl Iodide	2.49	142	758403	56.859	ug/l	99
11) Tert butyl alcohol	3.01	59	765998	206.576	ug/l	98
12) 1,1-Dichloroethene	2.36	96	525358	50.661	ug/l	99
13) Acrolein	2.27	56	610441	288.997	ug/l	100
14) Allyl chloride	2.70	41	1170164	48.293	ug/l	97
15) Acrylonitrile	3.12	53	1721424	243.430	ug/l	100
16) Acetone	2.42	43	1575621	236.734	ug/l	99
17) Carbon Disulfide	2.55	76	1496963	47.320	ug/l	99
18) Methyl Acetate	2.75	43	868605	51.133	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	2003922	49.825	ug/l	99
20) Methylene Chloride	2.83	84	597924	48.096	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	562337	48.861	ug/l	97
22) Diisopropyl ether	3.83	45	2154545	50.180	ug/l	97
23) Vinyl Acetate	3.79	43	9452528	243.152	ug/l	99
24) 1,1-Dichloroethane	3.67	63	1119840	49.536	ug/l	98
25) 2-Butanone	4.64	43	2518245	235.269	ug/l	99
26) 2,2-Dichloropropane	4.56	77	911485	49.121	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	658324	49.442	ug/l	98
28) Bromochloromethane	4.98	49	517856	47.978	ug/l	100
29) Tetrahydrofuran	5.09	42	1629636	236.827	ug/l	100
30) Chloroform	5.18	83	1098787	50.520	ug/l	99
31) Cyclohexane	5.55	56	1009775	51.490	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	1014656	51.549	ug/l	100
36) 1,1-Dichloropropene	5.78	75	816497	50.114	ug/l	100
37) Ethyl Acetate	4.79	43	999639	47.120	ug/l	100
38) Carbon Tetrachloride	5.76	117	874551	49.558	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	957373	50.963	ug/l	98
40) Benzene	6.12	78	2362558	49.502	ug/l	98
41) Methacrylonitrile	5.01	41	581557	49.382	ug/l	99
42) 1,2-Dichloroethane	6.17	62	967660	50.476	ug/l	99
43) Isopropyl Acetate	6.42	43	1720113	48.031	ug/l	100
44) Trichloroethene	7.19	130	645269	49.574	ug/l	98
45) 1,2-Dichloropropane	7.50	63	634004	48.560	ug/l	99
46) Dibromomethane	7.64	93	416412	48.621	ug/l	99
47) Bromodichloromethane	7.88	83	904937	49.588	ug/l	99
48) Methyl methacrylate	7.75	41	866145	48.421	ug/l	99
49) 1,4-Dioxane	7.72	88	271451	813.463	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	4973484	245.052	ug/l	100
52) Toluene	8.77	92	1498157	50.915	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	1041028	48.639	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	1072696	49.201	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	602229	49.955	ug/l	97
56) Ethyl methacrylate	9.16	69	1069368	50.333	ug/l	99
57) 1,3-Dichloropropane	9.36	76	1055580	48.599	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	2575976	249.267	ug/l	100
59) 2-Hexanone	9.48	43	3793554	247.577	ug/l	100
60) Dibromochloromethane	9.57	129	719990	49.702	ug/l	99
61) 1,2-Dibromoethane	9.65	107	655703	50.022	ug/l	100
64) Tetrachloroethene	9.32	164	601982	48.140	ug/l	93
65) Chlorobenzene	10.12	112	1620555	49.040	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	656026	49.692	ug/l	99
67) Ethyl Benzene	10.24	91	2944874	50.246	ug/l	100
68) m/p-Xylenes	10.34	106	2175755	99.695	ug/l	99
69) o-Xylene	10.68	106	1063259	49.303	ug/l	99
70) Styrene	10.70	104	1875902	49.432	ug/l	99
71) Bromoform	10.84	173	587622	48.895	ug/l #	99
73) Isopropylbenzene	11.01	105	2844096	48.693	ug/l	99
74) N-amyl acetate	10.89	43	1514489	46.620	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	931966	46.500	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	1156341	63.079	ug/l	83
77) Bromobenzene	11.24	156	749185	48.087	ug/l	99
78) n-propylbenzene	11.35	91	3282581	49.149	ug/l	99
79) 2-Chlorotoluene	11.41	91	1990956	48.635	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	2410878	48.331	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	342428	44.821	ug/l	98
82) 4-Chlorotoluene	11.49	91	2338465	48.728	ug/l	100
83) tert-Butylbenzene	11.76	119	2382845	48.904	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	2447485	48.148	ug/l	99
85) sec-Butylbenzene	11.93	105	2793168	49.566	ug/l	99
86) p-Isopropyltoluene	12.05	119	2631161	50.295	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	1388240	49.774	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	1362246	47.950	ug/l	98
89) n-Butylbenzene	12.37	91	2333483	49.359	ug/l	100
90) Hexachloroethane	12.58	117	475449	46.693	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	1340627	49.116	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	248489	43.927	ug/l	98

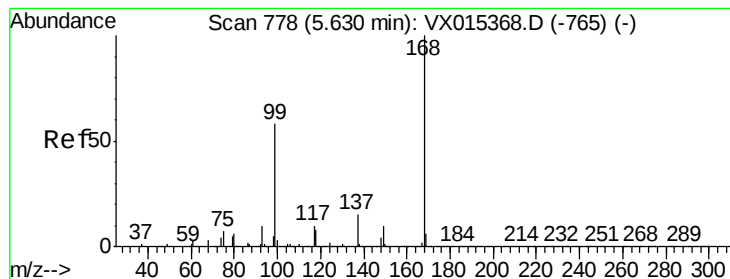
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040620\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	1047228	48.505	ug/l	98
94) Hexachlorobutadiene	13.77	225	451790	43.951	ug/l	97
95) Naphthalene	13.82	128	3154078	47.892	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	1031948	49.644	ug/l	98

(#) = 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: VX015527.D

Acq: 06 Apr 2020 20:43

Instrument :

MSVOA_X

ClientSampleId :

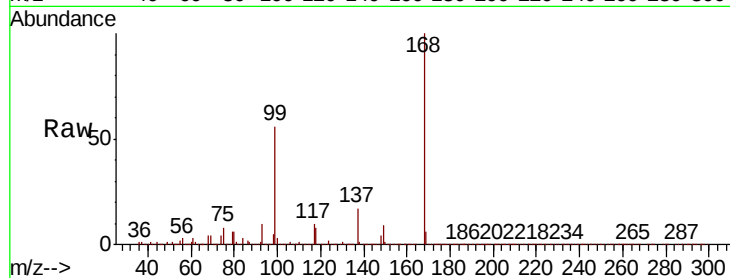
VSTDCCC050EC

Tot Ion:168 Resp: 1098408

Ion Ratio Lower Upper

168 100

99 55.6 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

400000

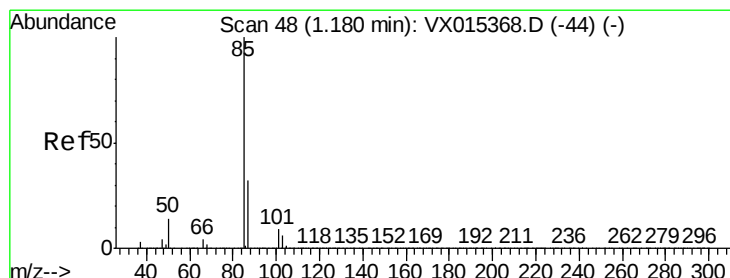
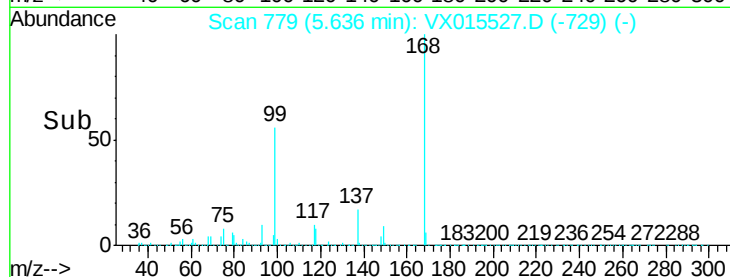
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 52.078 ug/l

RT: 1.18 min Scan# 48

Delta R.T. 0.00 min

Lab File: VX015527.D

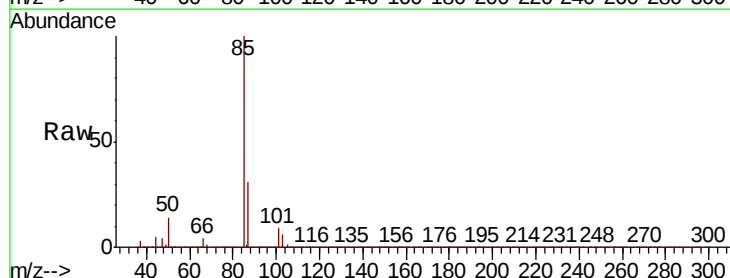
Acq: 06 Apr 2020 20:43

Tgt Ion: 85 Resp: 503972

Ion Ratio Lower Upper

85 100

87 31.3 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

600000

500000

400000

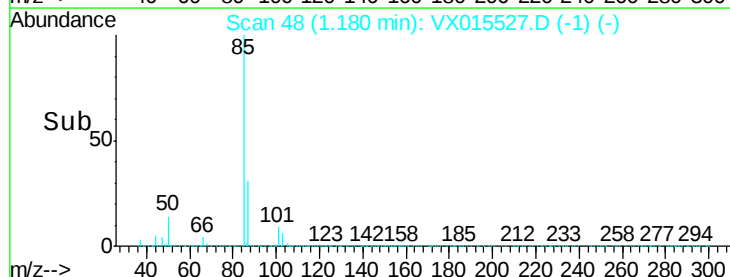
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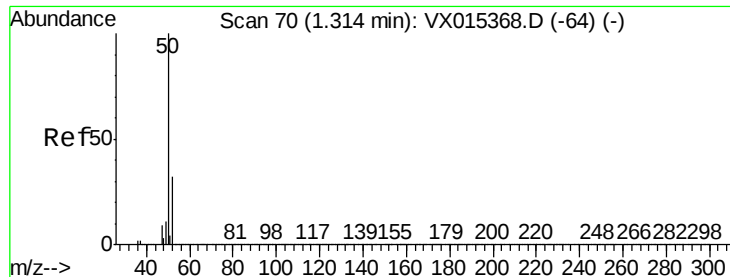
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100000

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Time-->

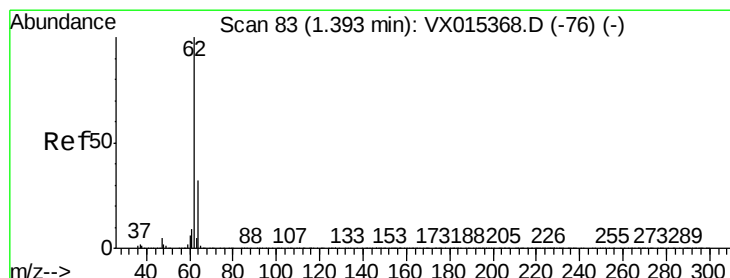
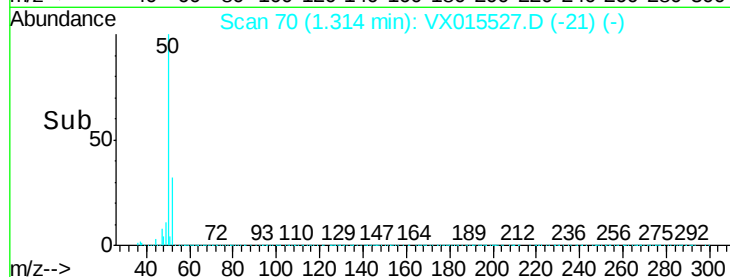
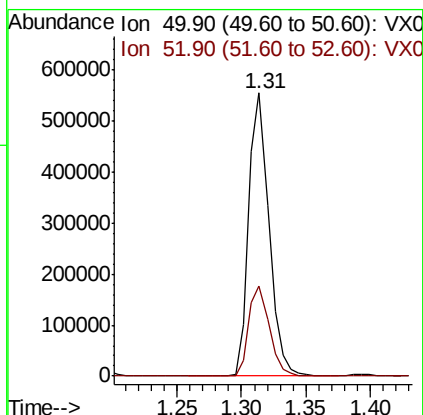
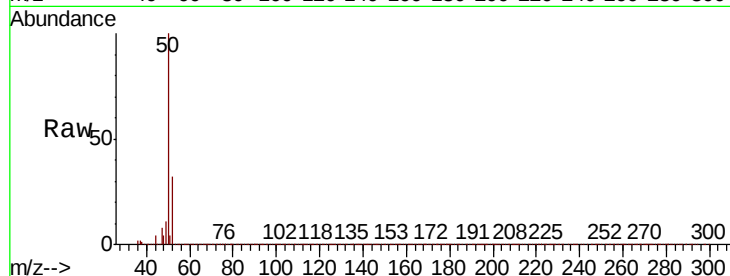




#3
Chloromethane
Concen: 48.376 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

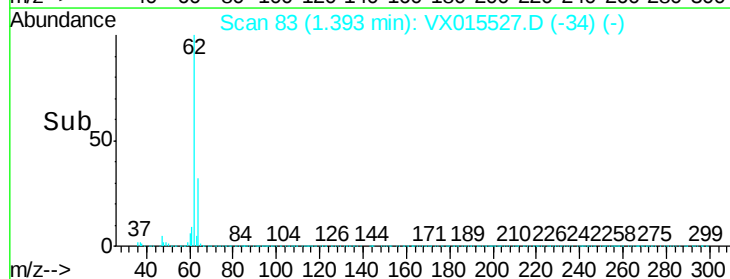
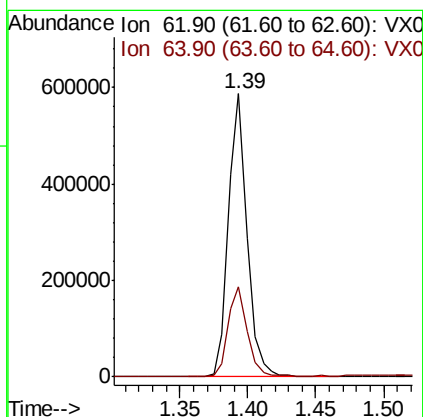
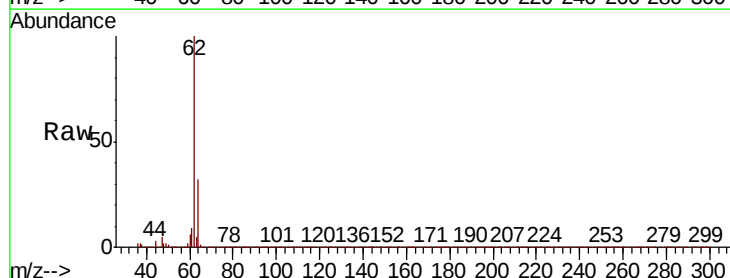
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

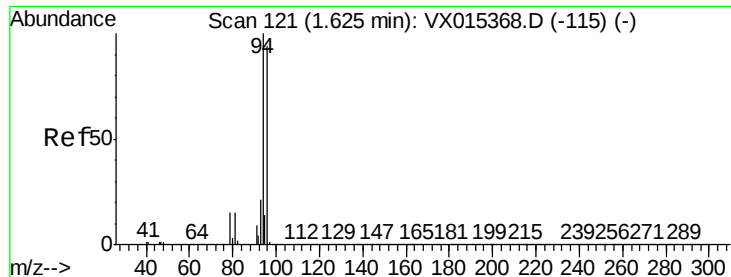
Tot Ion: 50 Resp: 596179
Ion Ratio Lower Upper
50 100
52 31.8 25.3 37.9



#4
Vinyl Chloride
Concen: 49.161 ug/l
RT: 1.39 min Scan# 83
Delta R.T. 0.00 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

Tgt Ion: 62 Resp: 556300
Ion Ratio Lower Upper
62 100
64 31.9 26.0 39.0





#5

Bromomethane

Concen: 50.917 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

Instrument :

MSVOA_X

ClientSampleId :

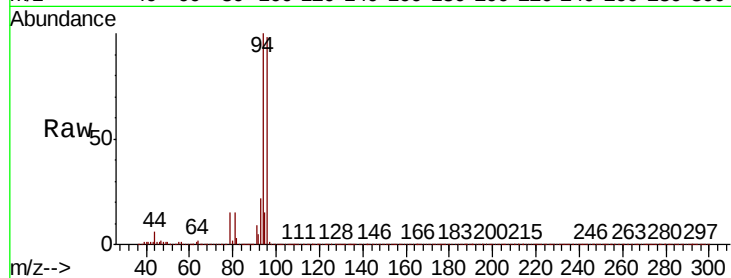
VSTDCCC050EC

Tot Ion: 94 Resp: 264821

Ion Ratio Lower Upper

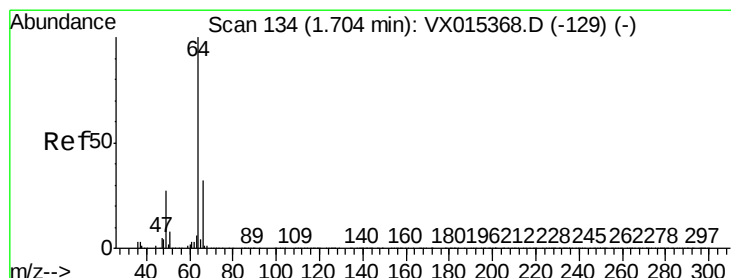
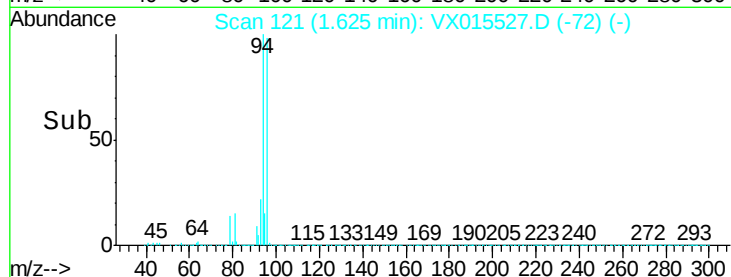
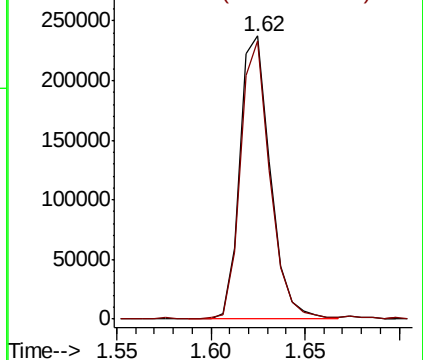
94 100

96 98.1 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.416 ug/l

RT: 1.70 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX015527.D

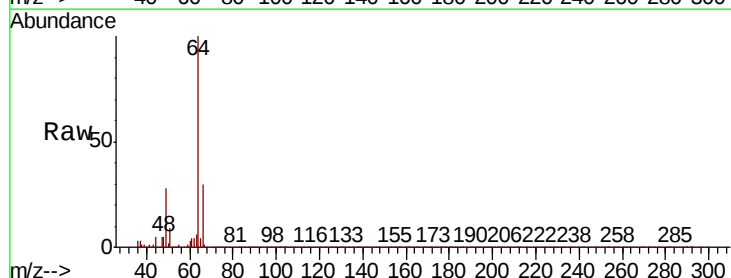
Acq: 06 Apr 2020 20:43

Tgt Ion: 64 Resp: 346808

Ion Ratio Lower Upper

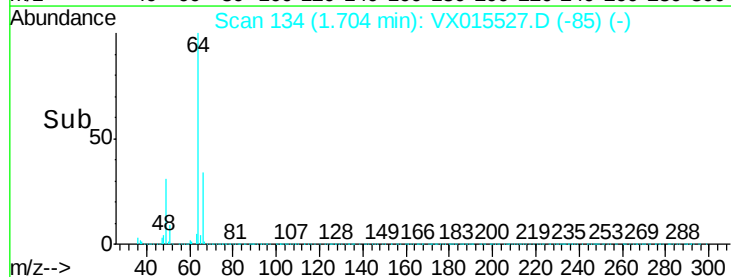
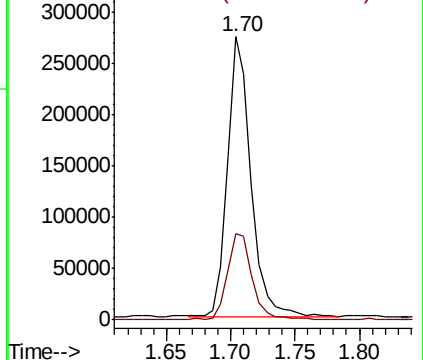
64 100

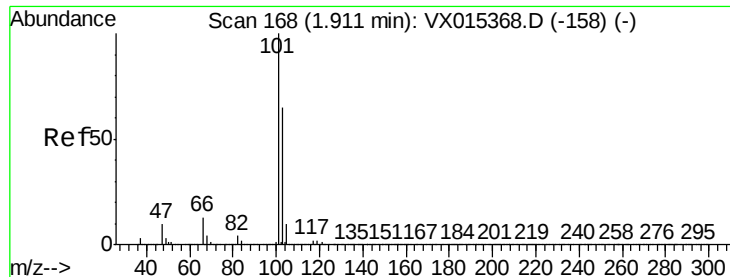
66 30.5 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



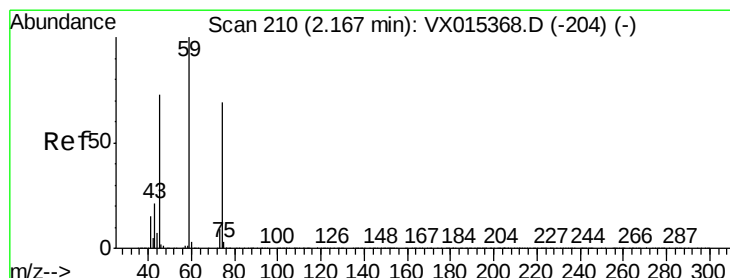
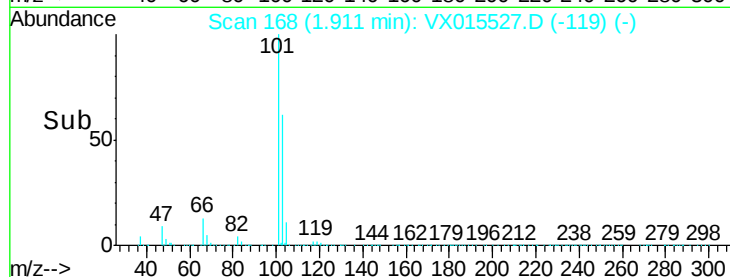
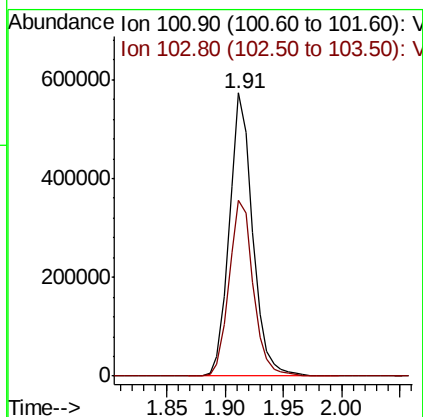
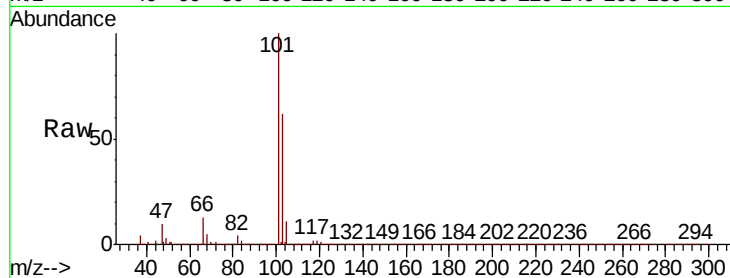


#7

Trichlorofluoromethane
Concen: 52.628 ug/l
RT: 1.91 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

Instrument :
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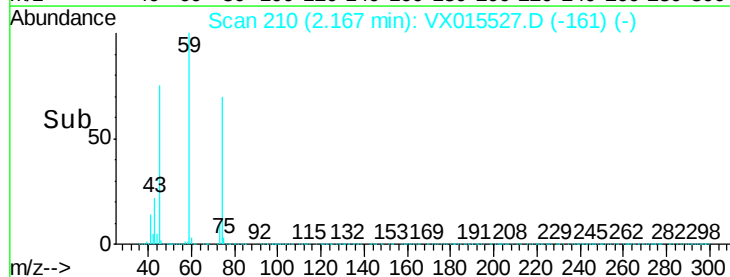
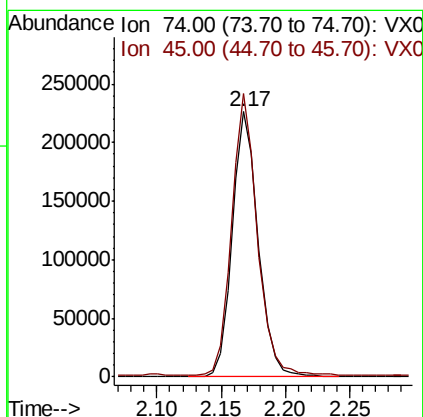
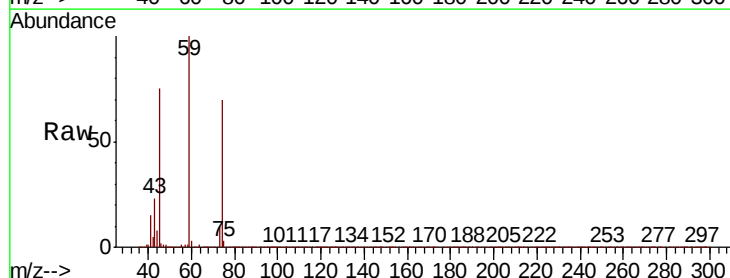
Tot Ion:101 Resp: 798665
Ion Ratio Lower Upper
101 100
103 62.1 52.3 78.5



#8

Diethyl Ether
Concen: 49.485 ug/l
RT: 2.17 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

Tgt Ion: 74 Resp: 316752
Ion Ratio Lower Upper
74 100
45 105.9 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.527 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

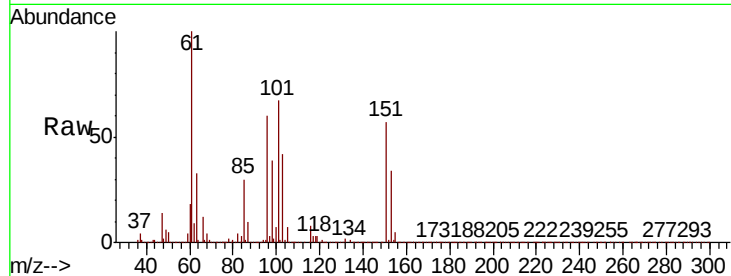
Tot Ion:101 Resp: 519658

Ion Ratio Lower Upper

101 100

85 44.3 35.0 52.4

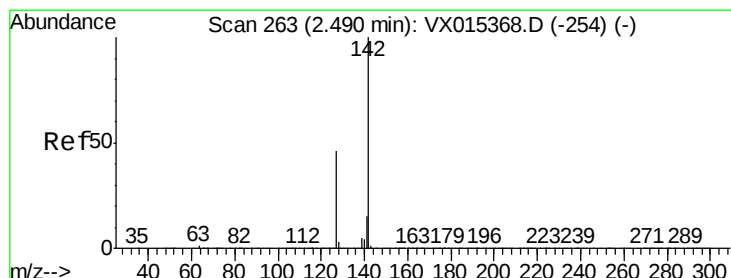
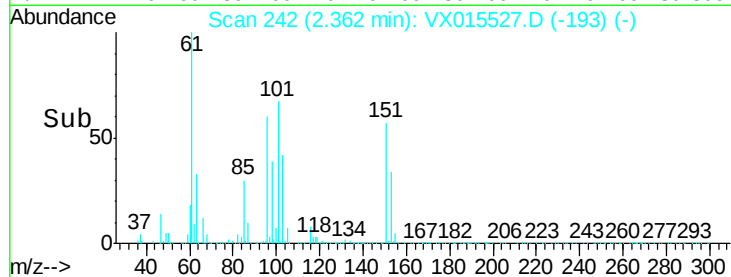
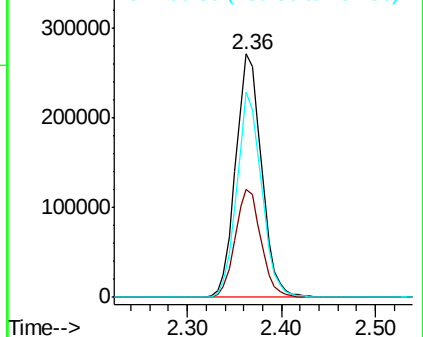
151 80.8 64.1 96.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 56.859 ug/l

RT: 2.49 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

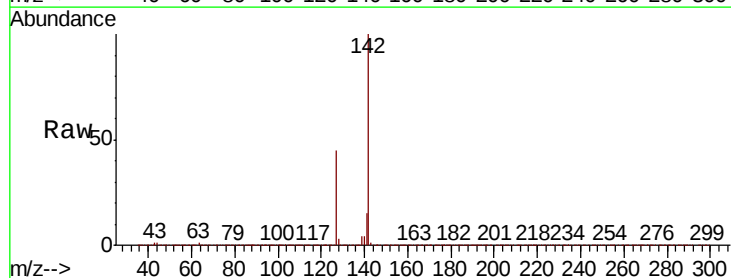
Tgt Ion:142 Resp: 758403

Ion Ratio Lower Upper

142 100

127 45.6 35.9 53.9

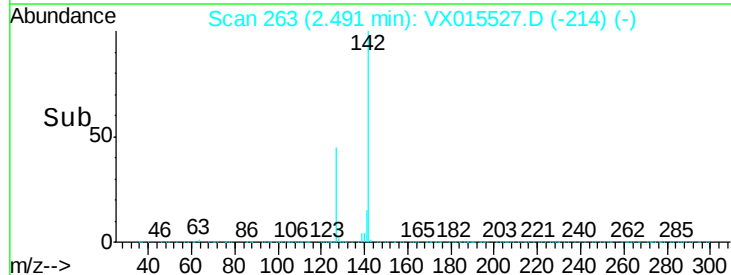
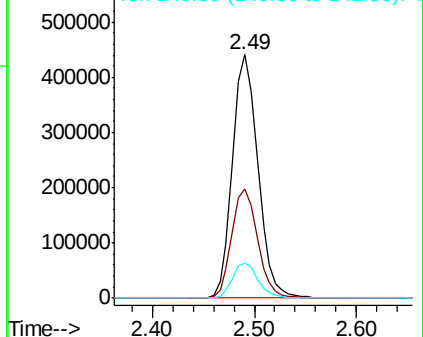
141 14.7 11.6 17.4

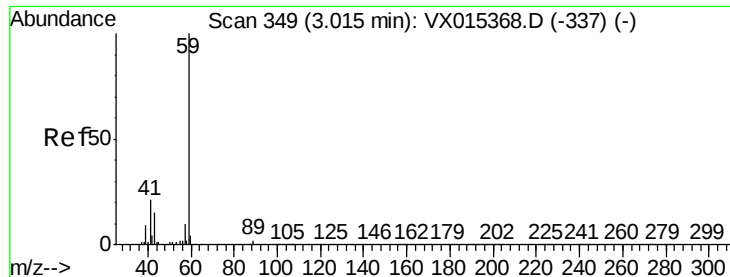


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

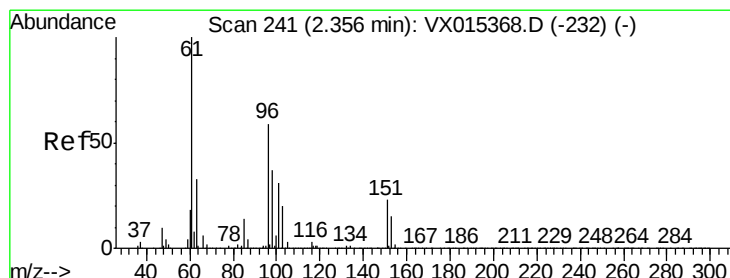
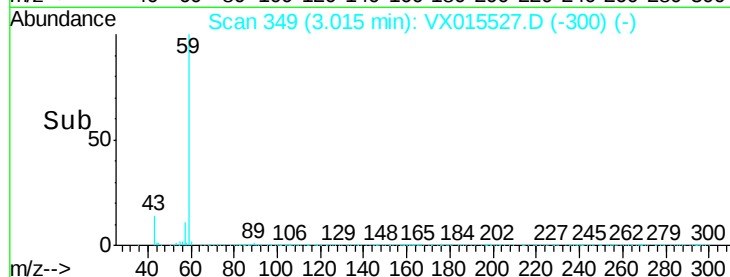
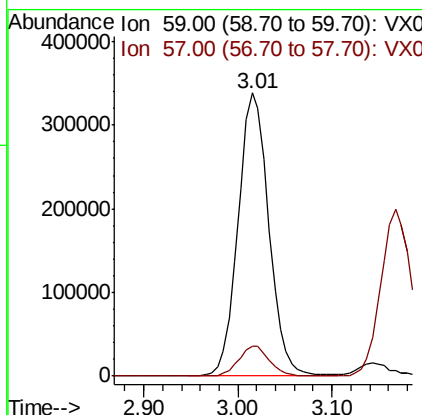
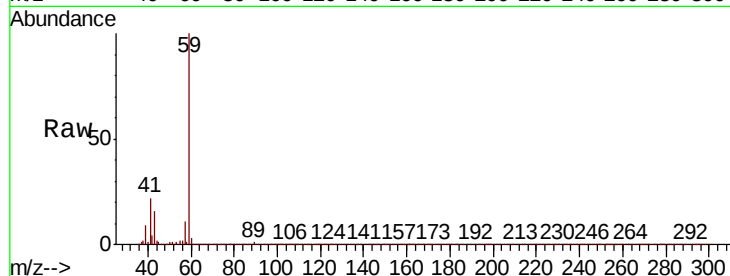




#11
Tert butyl alcohol
Concen: 206.576 ug/l
RT: 3.01 min Scan# 349
Delta R.T. 0.00 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

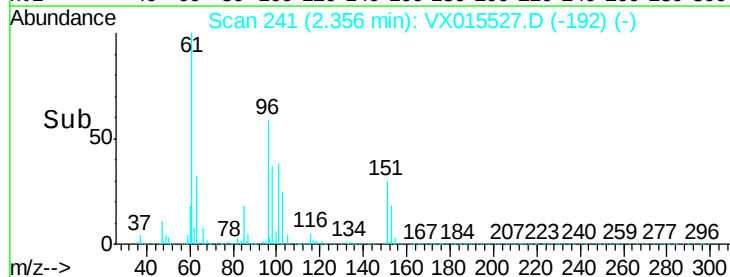
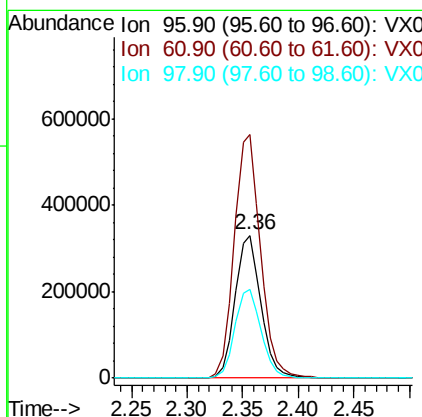
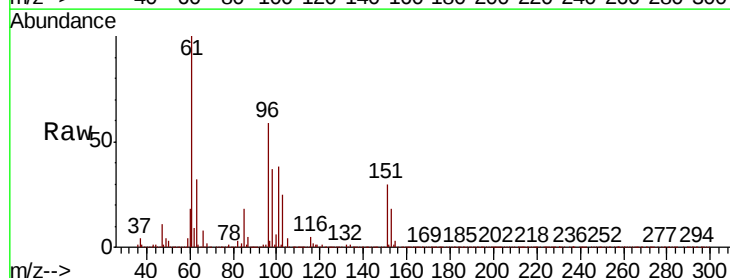
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

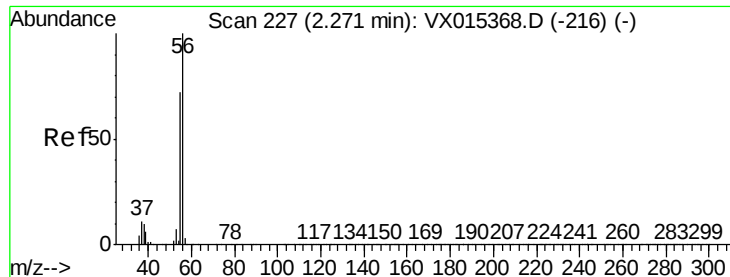
Tot Ion: 59 Resp: 765998
Ion Ratio Lower Upper
59 100
57 10.9 8.1 12.1



#12
1,1-Dichloroethene
Concen: 50.661 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

Tgt Ion: 96 Resp: 525358
Ion Ratio Lower Upper
96 100
61 170.0 135.7 203.5
98 62.4 50.6 75.8

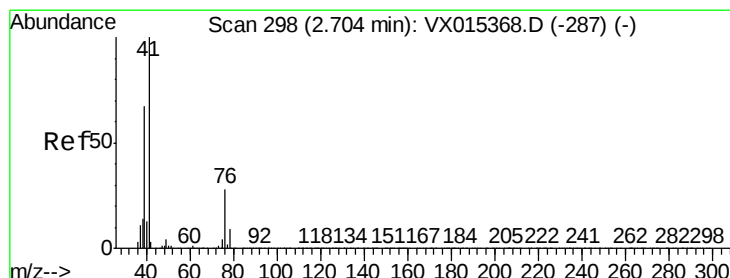
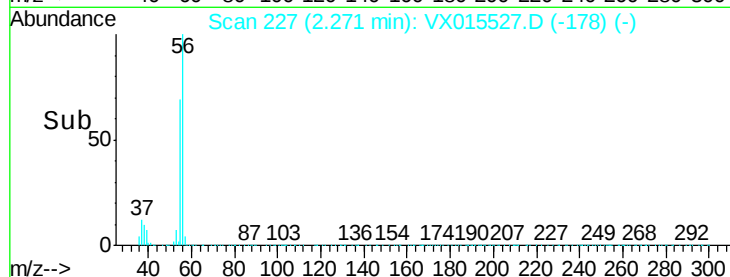
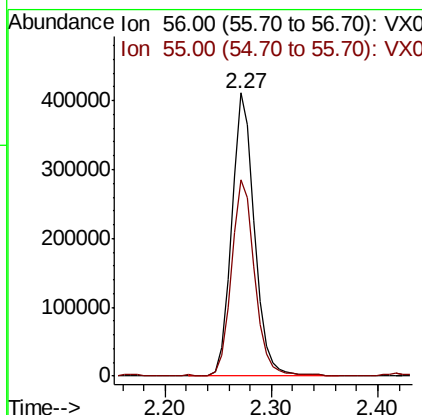
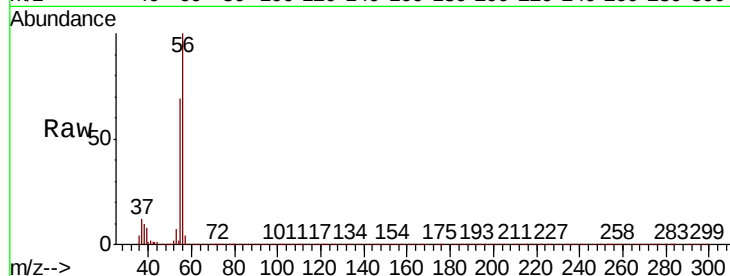




#13
Acrolein
Concen: 288.997 ug/l
RT: 2.27 min Scan# 227
Delta R.T. 0.00 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

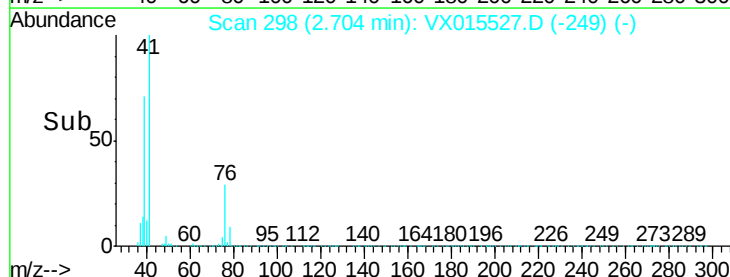
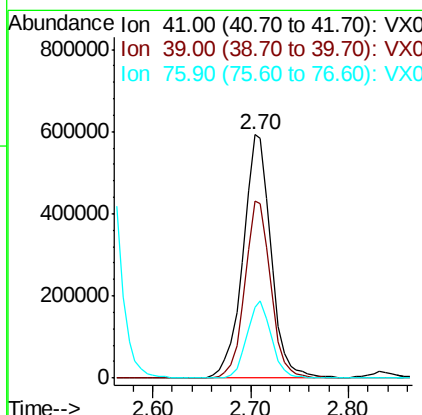
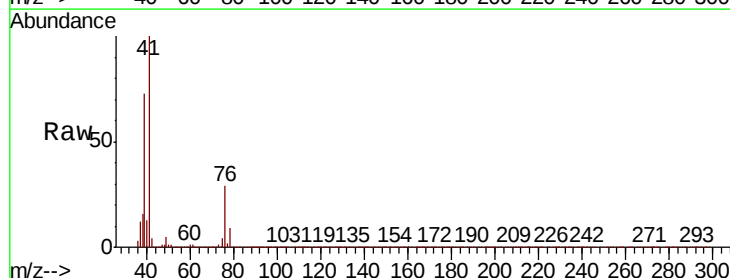
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

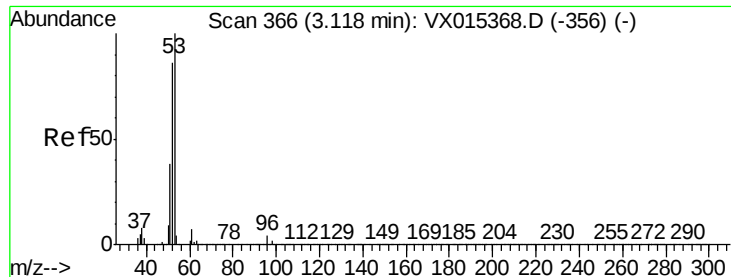
Tot Ion: 56 Resp: 610441
Ion Ratio Lower Upper
56 100
55 70.9 57.0 85.4



#14
Allyl chloride
Concen: 48.293 ug/l
RT: 2.70 min Scan# 298
Delta R.T. 0.00 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

Tgt Ion: 41 Resp: 1170164
Ion Ratio Lower Upper
41 100
39 67.0 51.4 77.0
76 27.5 21.8 32.8





#15

Acrylonitrile

Concen: 243.430 ug/l

RT: 3.12 min Scan# 366

Delta R.T. 0.00 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

Instrument :

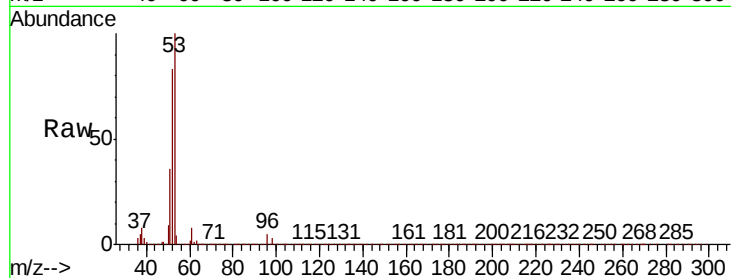
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 53 Resp: 1721424

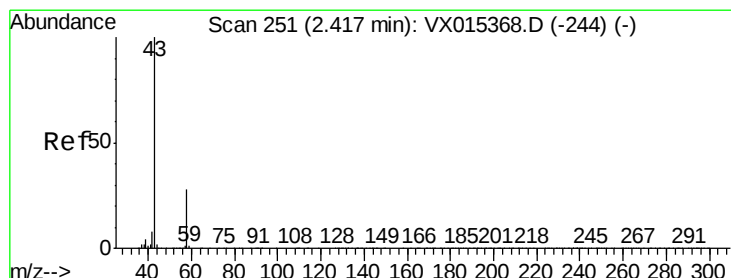
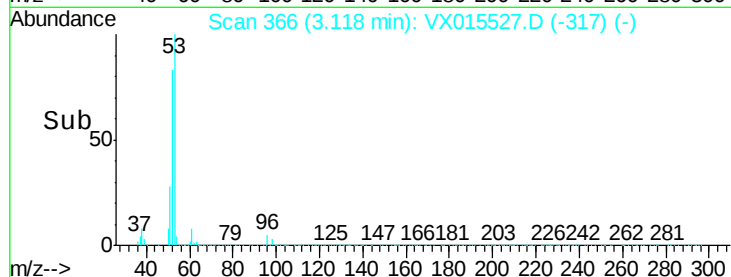
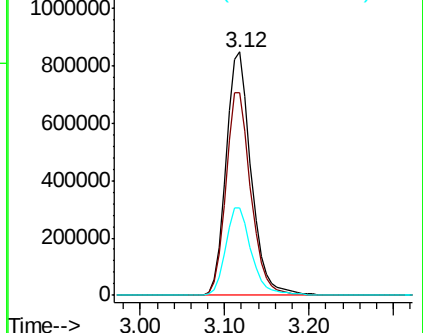
Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.8	100.2
51	37.1	29.5	44.3



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: 236.734 ug/l

RT: 2.42 min Scan# 251

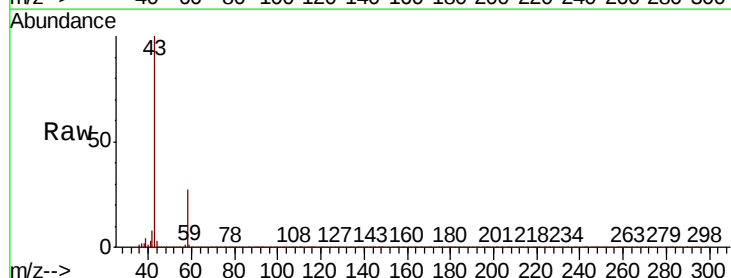
Delta R.T. 0.00 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

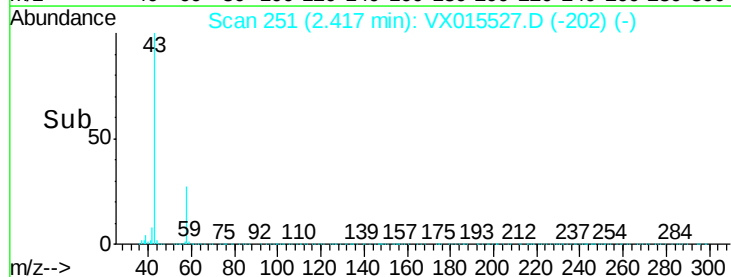
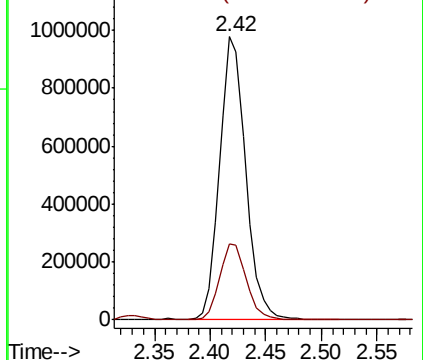
Tgt Ion: 43 Resp: 1575621

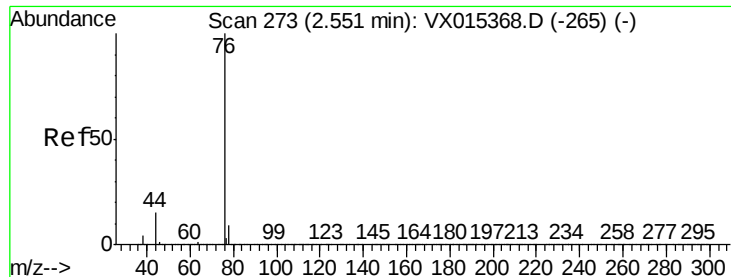
Ion	Ratio	Lower	Upper
43	100		
58	27.0	22.1	33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 47.320 ug/l

RT: 2.55 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

Instrument :

MSVOA_X

ClientSampleId :

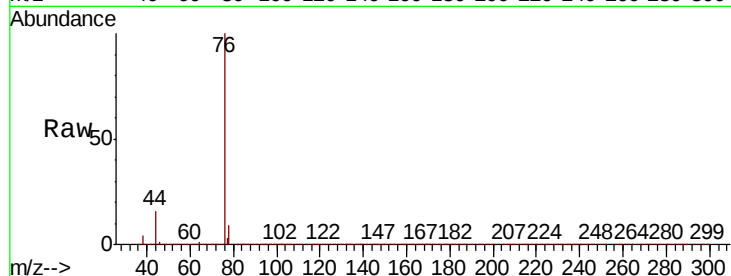
VSTDCCC050EC

Tot Ion: 76 Resp: 1496963

Ion Ratio Lower Upper

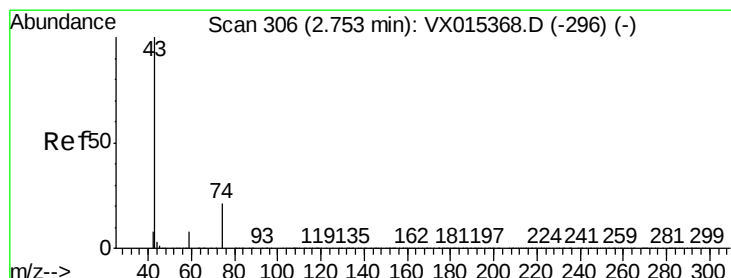
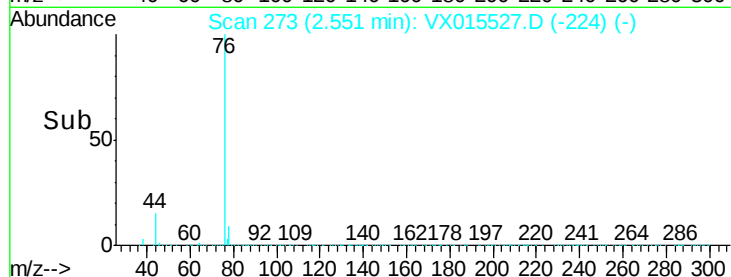
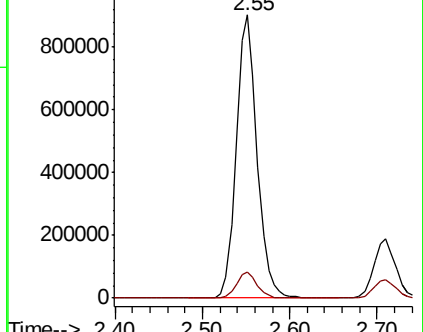
76 100

78 9.1 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 51.133 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015527.D

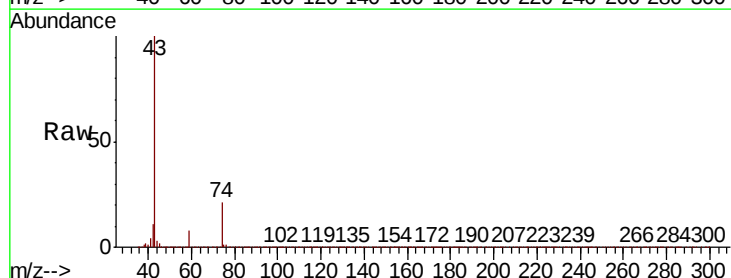
Acq: 06 Apr 2020 20:43

Tgt Ion: 43 Resp: 868605

Ion Ratio Lower Upper

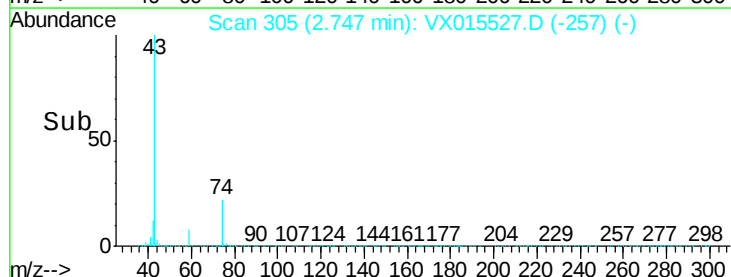
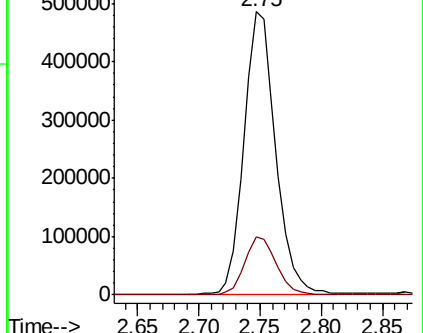
43 100

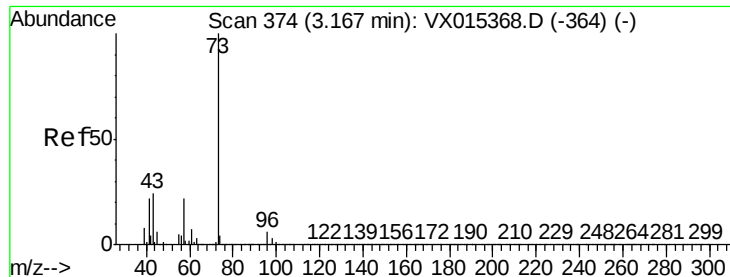
74 20.9 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



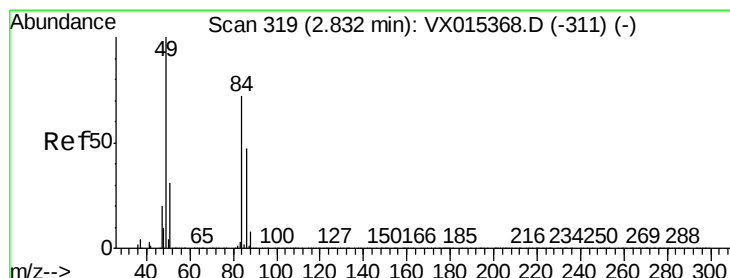
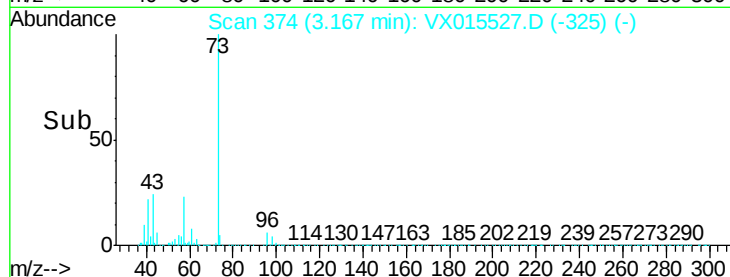
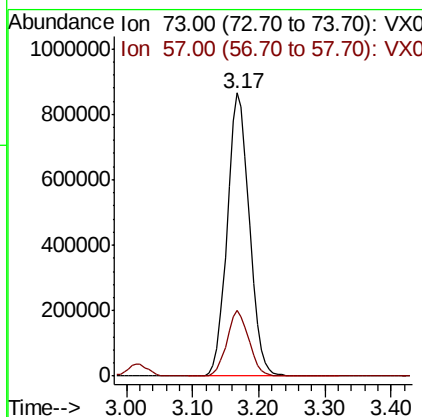
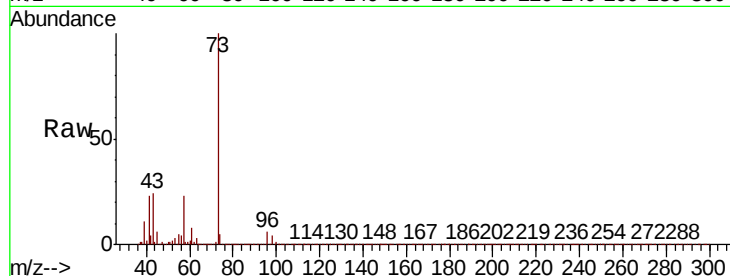


#19

Methyl tert-butyl Ether
 Concen: 49.825 ug/l
 RT: 3.17 min Scan# 374
 Delta R.T. 0.00 min
 Lab File: VX015527.D
 Acq: 06 Apr 2020 20:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

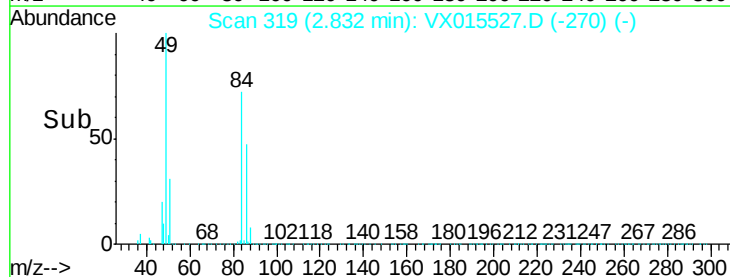
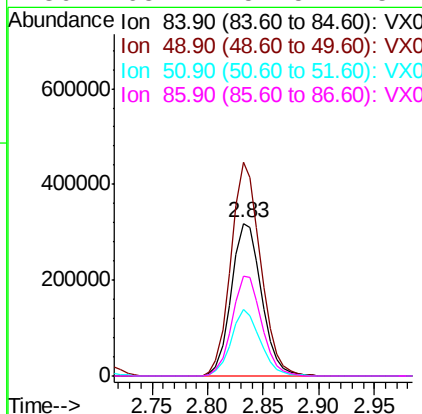
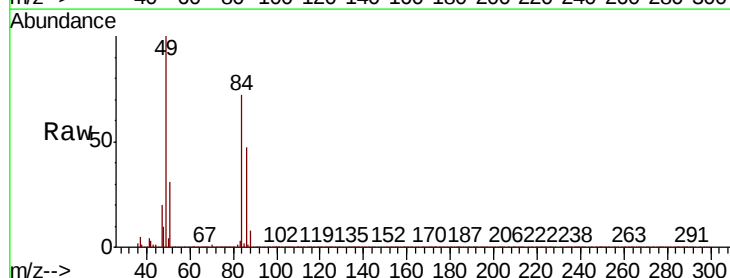
Tot Ion: 73 Resp: 2003922
 Ion Ratio Lower Upper
 73 100
 57 23.1 17.9 26.9



#20

Methylene Chloride
 Concen: 48.096 ug/l
 RT: 2.83 min Scan# 319
 Delta R.T. 0.00 min
 Lab File: VX015527.D
 Acq: 06 Apr 2020 20:43

Tgt Ion: 84 Resp: 597924
 Ion Ratio Lower Upper
 84 100
 49 139.7 111.3 166.9
 51 43.0 34.0 51.0
 86 65.7 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 48.861 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

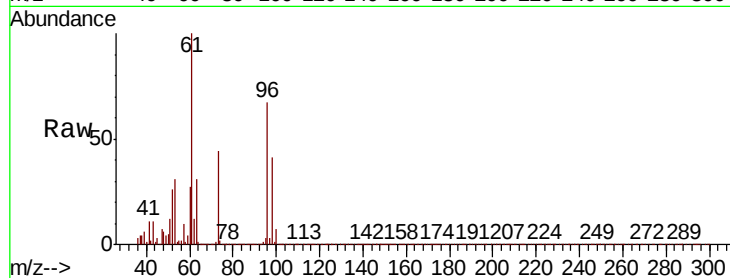
Tot Ion: 96 Resp: 562337

Ion Ratio Lower Upper

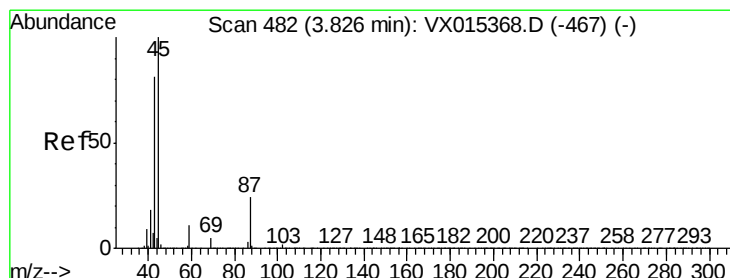
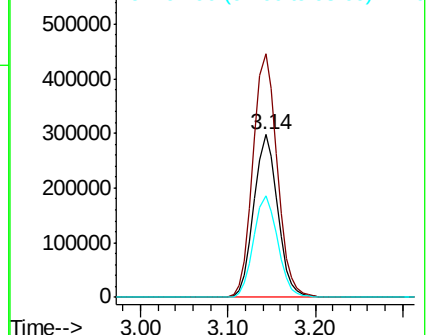
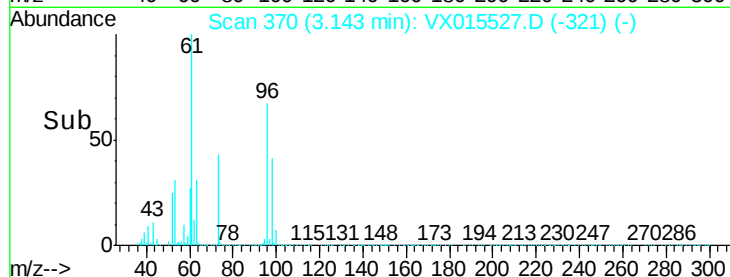
96 100

61 149.7 116.9 175.3

98 62.1 48.6 73.0



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



#22

Diisopropyl ether

Concen: 50.180 ug/l

RT: 3.83 min Scan# 482

Delta R.T. 0.00 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

Tgt Ion: 45 Resp: 2154545

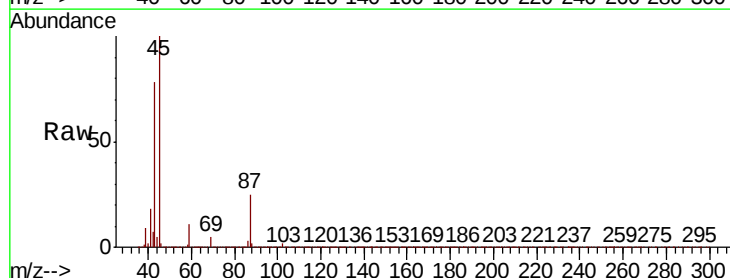
Ion Ratio Lower Upper

45 100

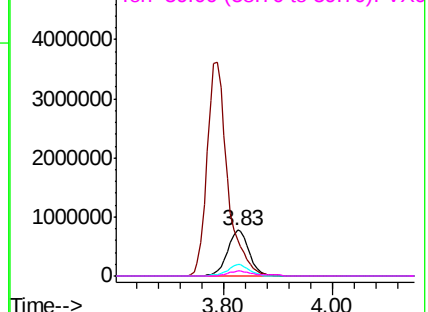
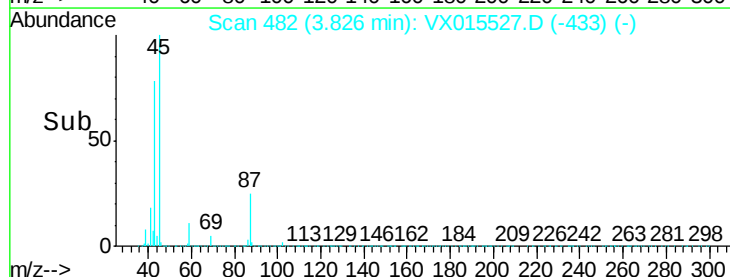
43 77.7 64.7 97.1

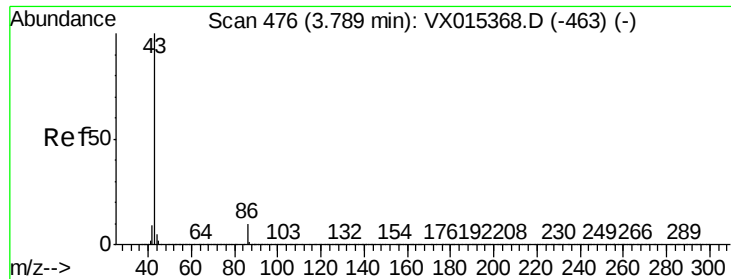
87 24.6 19.4 29.0

59 11.0 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

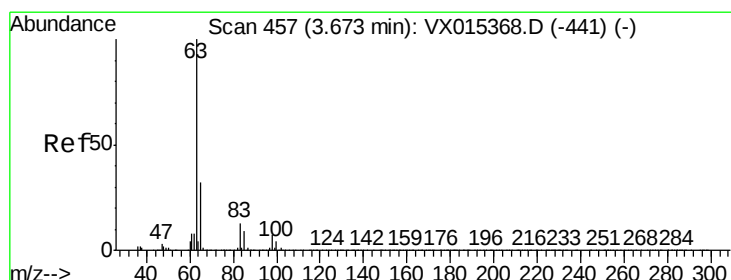
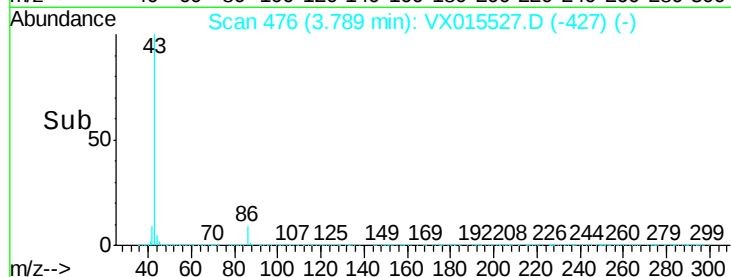
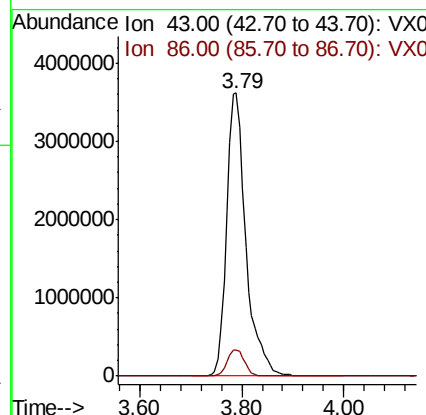
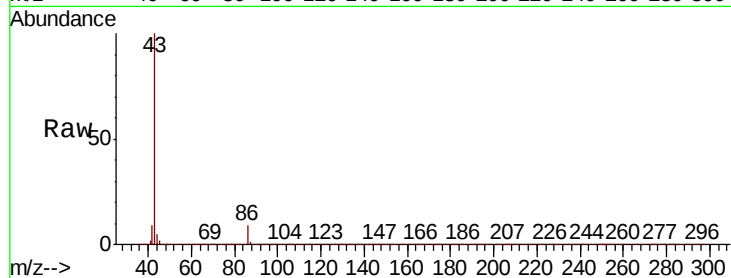




#23
 Vinyl Acetate
 Concen: 243.152 ug/l
 RT: 3.79 min Scan# 476
 Delta R.T. 0.00 min
 Lab File: VX015527.D
 Acq: 06 Apr 2020 20:43

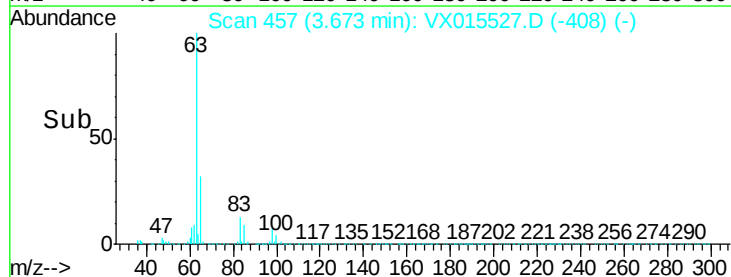
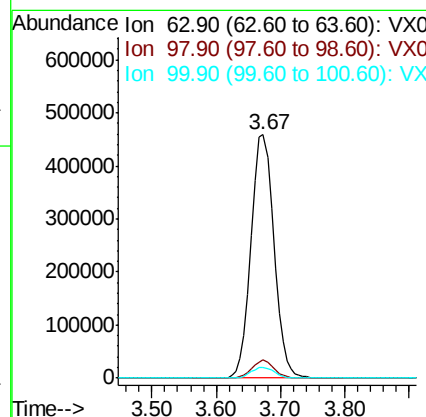
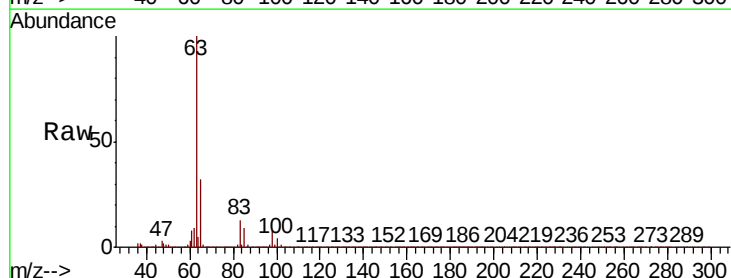
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

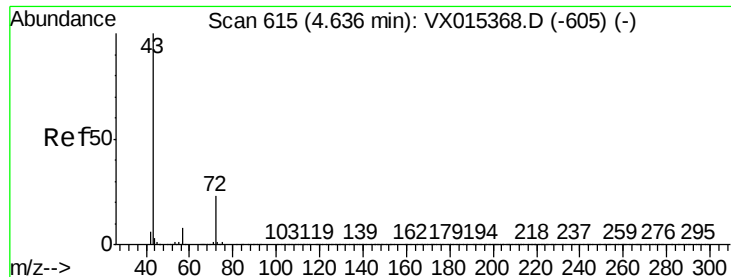
Tot Ion: 43 Resp: 9452528
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.8 11.6



#24
 1,1-Dichloroethane
 Concen: 49.536 ug/l
 RT: 3.67 min Scan# 457
 Delta R.T. 0.00 min
 Lab File: VX015527.D
 Acq: 06 Apr 2020 20:43

Tgt Ion: 63 Resp: 1119840
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.3 9.8
 100 4.1 2.1 6.5





#25

2-Butanone

Concen: 235.269 ug/l

RT: 4.64 min Scan# 615

Delta R.T. 0.00 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

Instrument :

MSVOA_X

ClientSampleId :

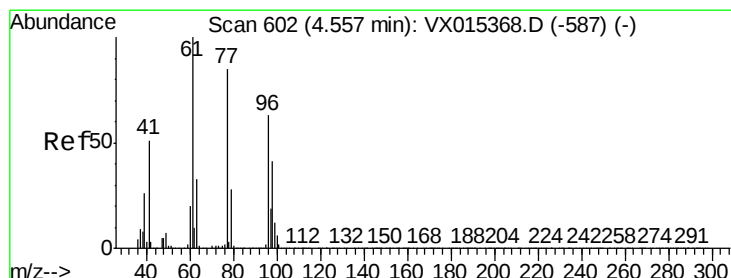
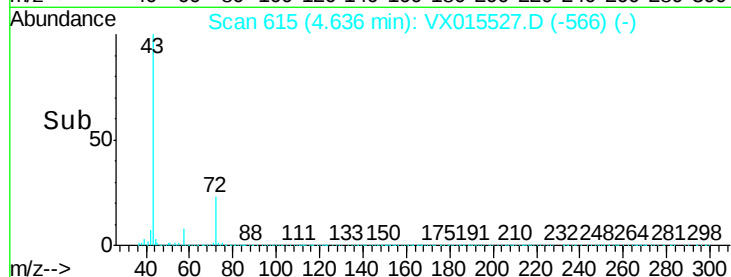
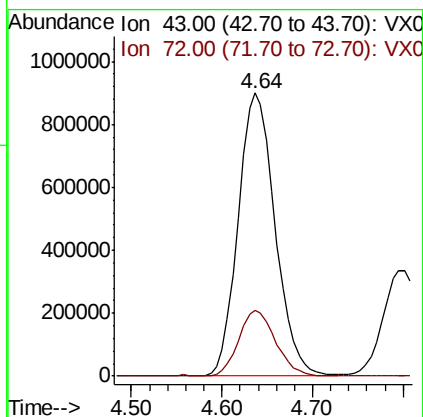
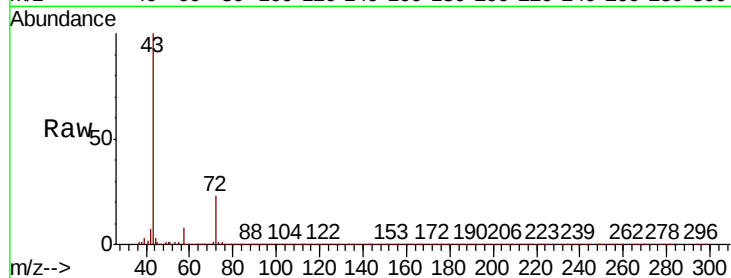
VSTDCCC050EC

Tot Ion: 43 Resp: 2518245

Ion Ratio Lower Upper

43 100

72 23.0 19.0 28.4



#26

2,2-Dichloropropane

Concen: 49.121 ug/l

RT: 4.56 min Scan# 602

Delta R.T. 0.00 min

Lab File: VX015527.D

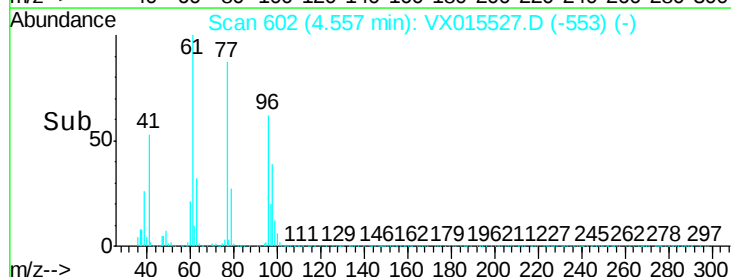
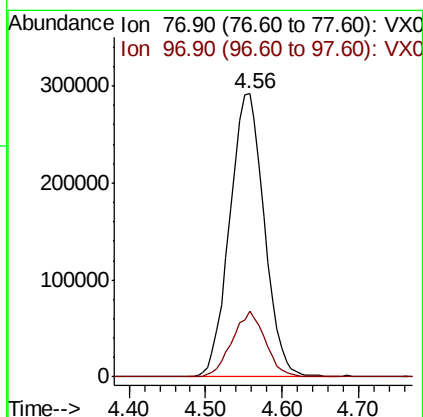
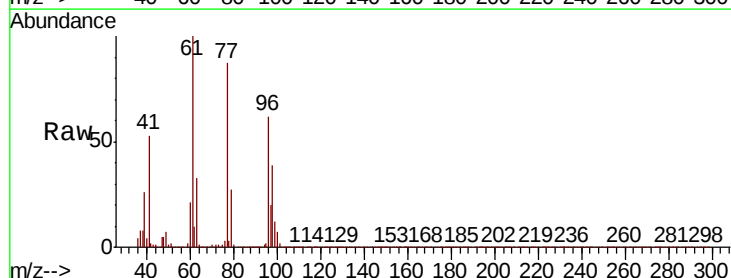
Acq: 06 Apr 2020 20:43

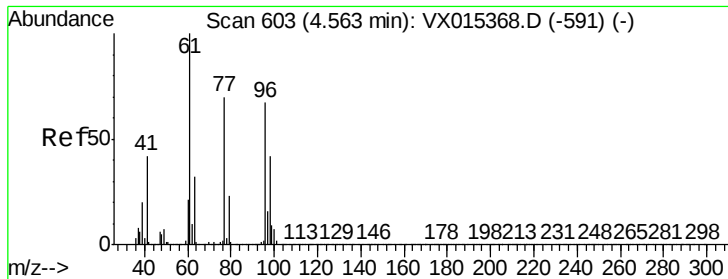
Tgt Ion: 77 Resp: 911485

Ion Ratio Lower Upper

77 100

97 22.2 11.3 33.8



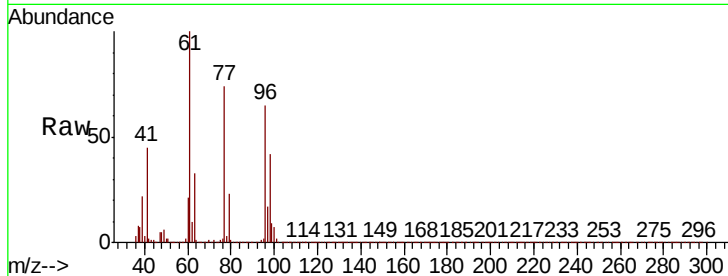


#27

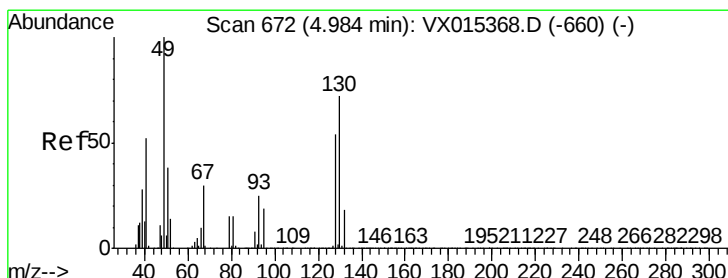
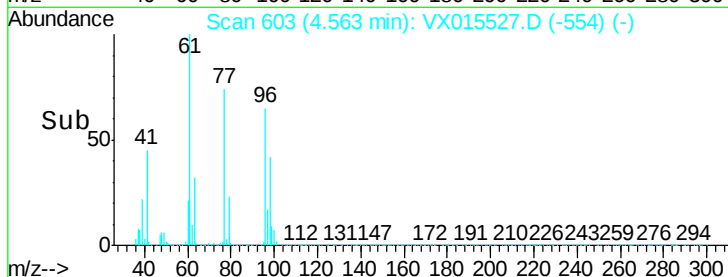
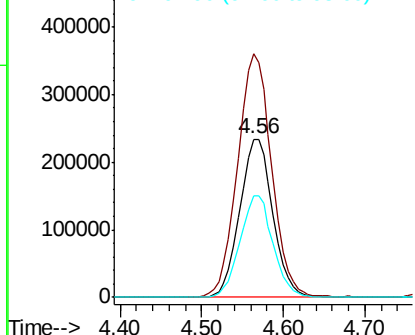
cis-1,2-Dichloroethene
Concen: 49.442 ug/l
RT: 4.56 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	158.0	0.0	308.4
98	64.0	0.0	129.2



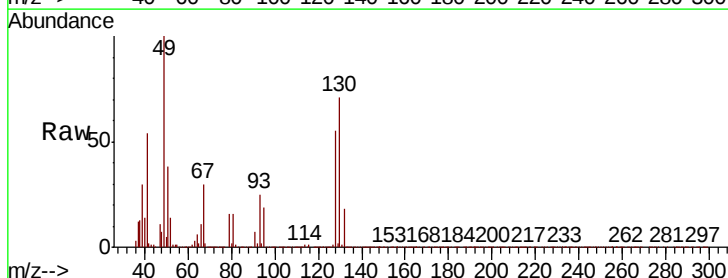
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



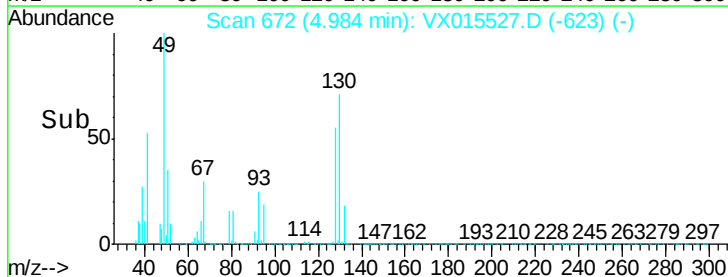
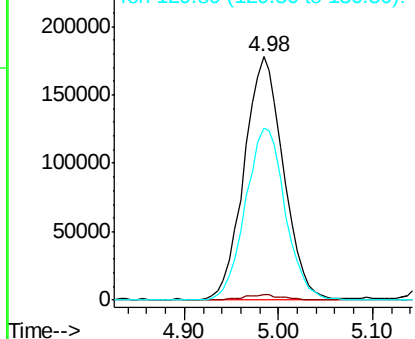
#28

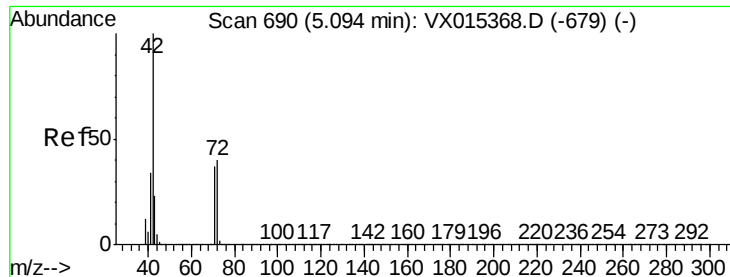
Bromochloromethane
Concen: 47.978 ug/l
RT: 4.98 min Scan# 672
Delta R.T. 0.00 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.4
130	71.7	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: 236.827 ug/l

RT: 5.09 min Scan# 690

Delta R.T. 0.00 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

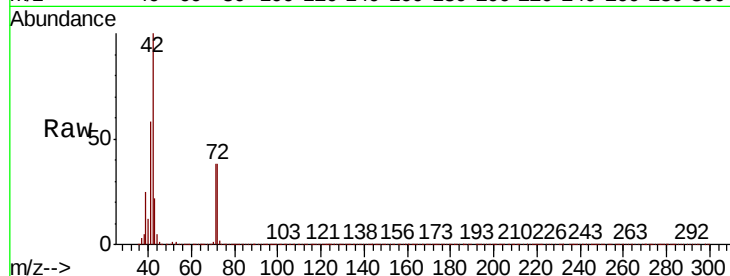
Tot Ion: 42 Resp: 1629636

Ion Ratio Lower Upper

42 100

72 39.6 31.7 47.5

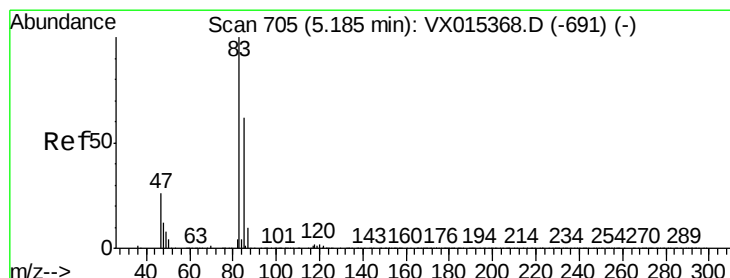
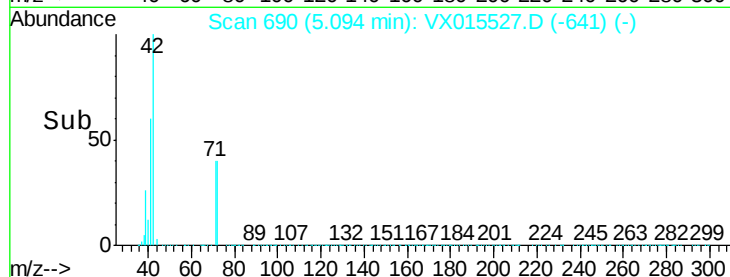
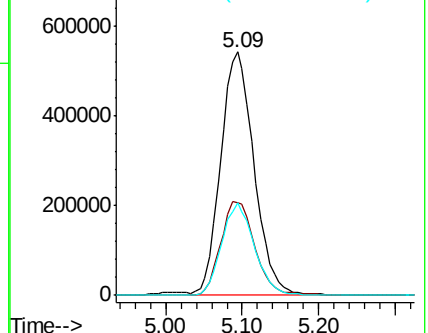
71 37.1 29.6 44.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 50.520 ug/l

RT: 5.18 min Scan# 704

Delta R.T. -0.01 min

Lab File: VX015527.D

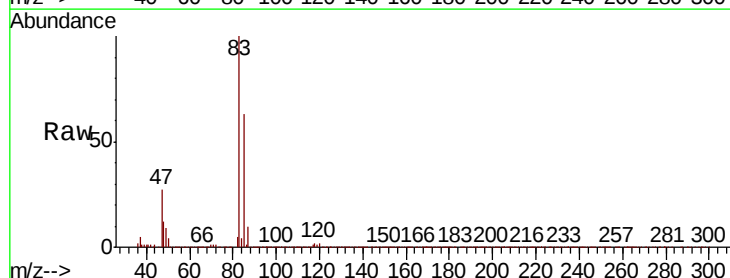
Acq: 06 Apr 2020 20:43

Tgt Ion: 83 Resp: 1098787

Ion Ratio Lower Upper

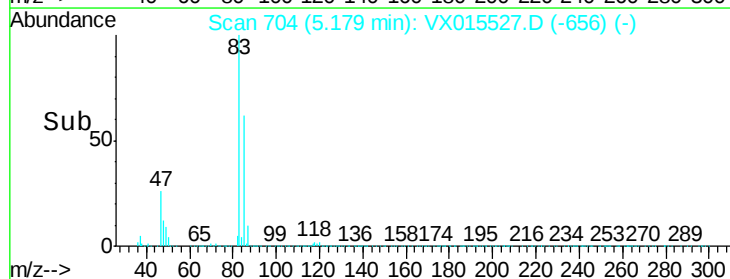
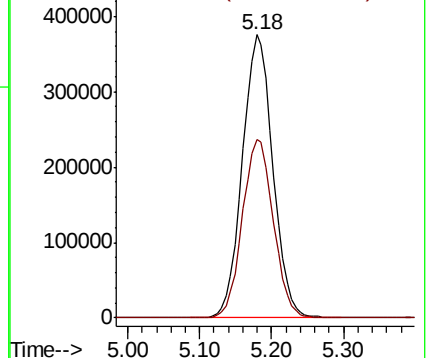
83 100

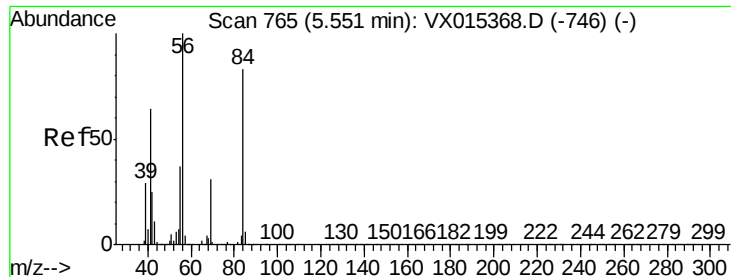
85 62.9 49.5 74.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

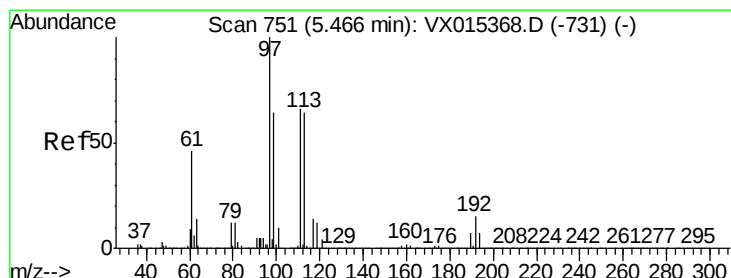
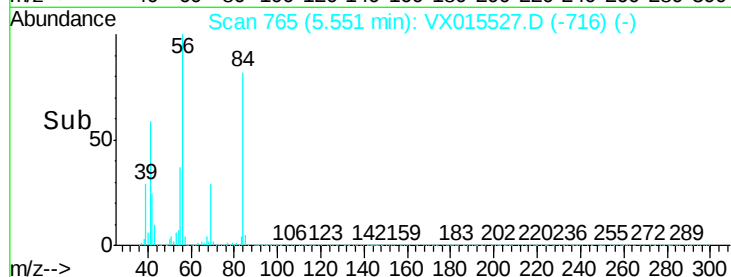
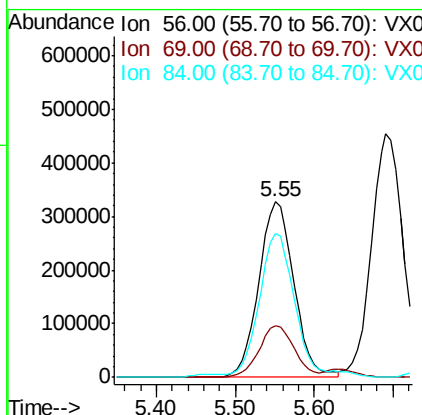
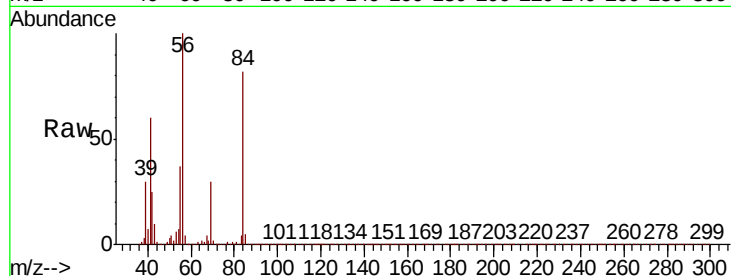




#31
Cyclohexane
Concen: 51.490 ug/l
RT: 5.55 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

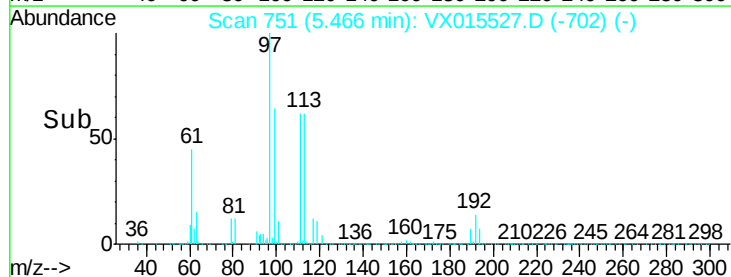
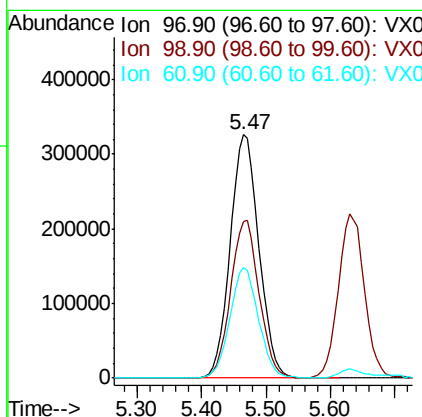
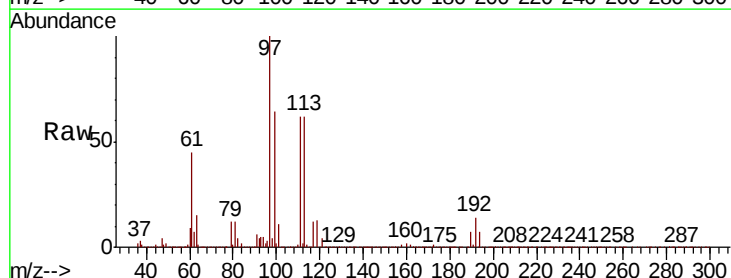
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

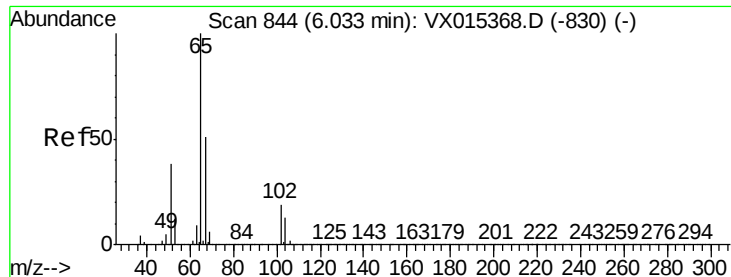
Tot Ion: 56 Resp: 1009775
Ion Ratio Lower Upper
56 100
69 29.4 24.6 36.8
84 81.0 66.1 99.1



#32
1,1,1-Trichloroethane
Concen: 51.549 ug/l
RT: 5.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

Tgt Ion: 97 Resp: 1014656
Ion Ratio Lower Upper
97 100
99 64.0 51.0 76.4
61 45.0 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 50.656 ug/l

RT: 6.03 min Scan# 844

Delta R.T. 0.00 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

Instrument :

MSVOA_X

ClientSampleId :

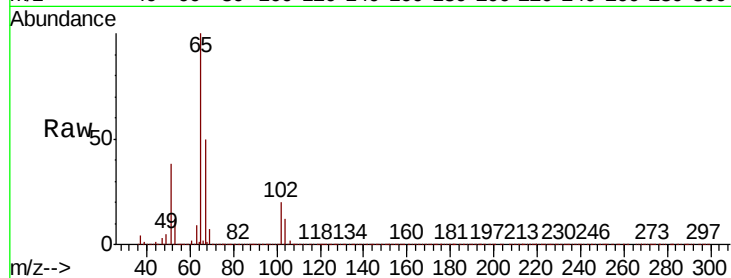
VSTDCCC050EC

Tot Ion: 65 Resp: 784758

Ion Ratio Lower Upper

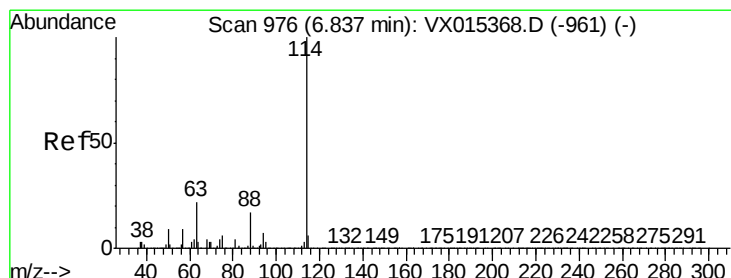
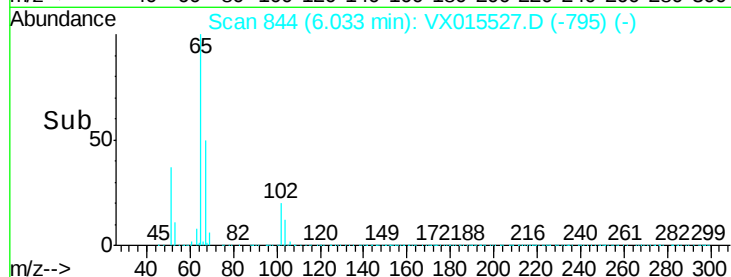
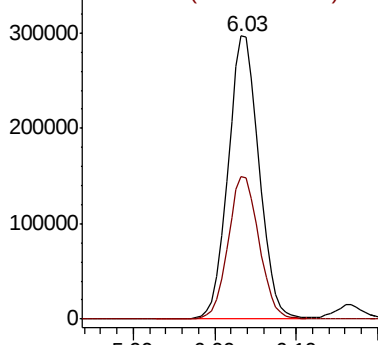
65 100

67 49.9 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

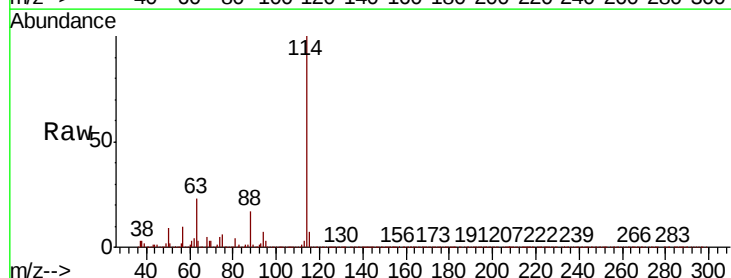
Tgt Ion: 114 Resp: 1768301

Ion Ratio Lower Upper

114 100

63 22.6 0.0 44.2

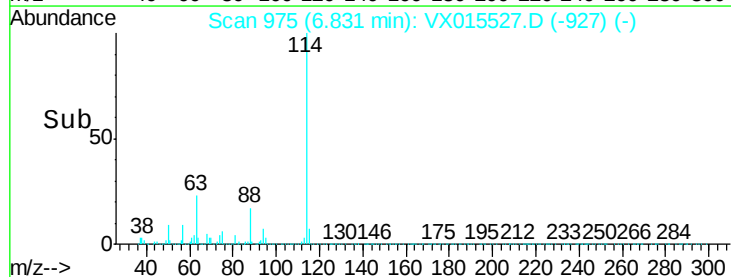
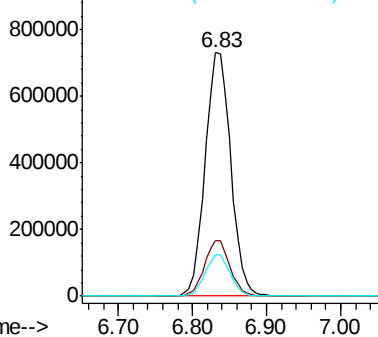
88 17.0 0.0 33.8

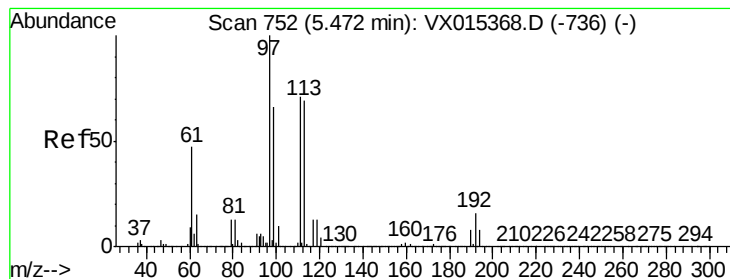


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.928 ug/l

RT: 5.47 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

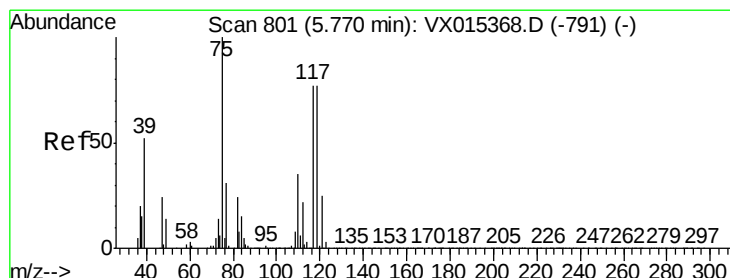
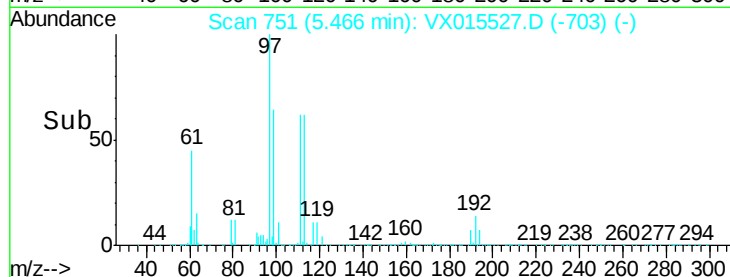
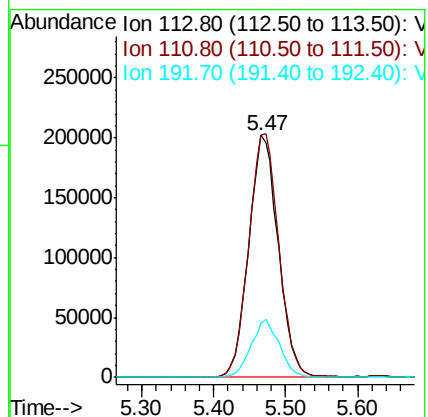
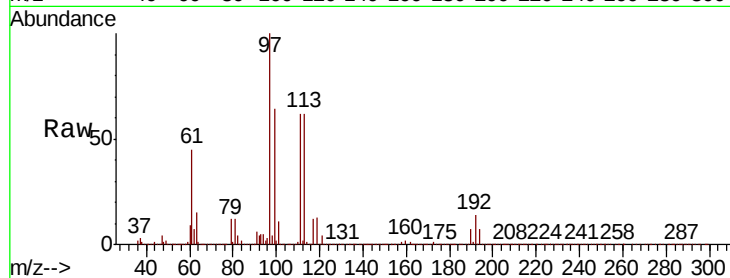
Tot Ion:113 Resp: 575662

Ion Ratio Lower Upper

113 100

111 101.5 81.5 122.3

192 23.1 17.8 26.6



#36

1,1-Dichloropropene

Concen: 50.114 ug/l

RT: 5.78 min Scan# 802

Delta R.T. 0.01 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

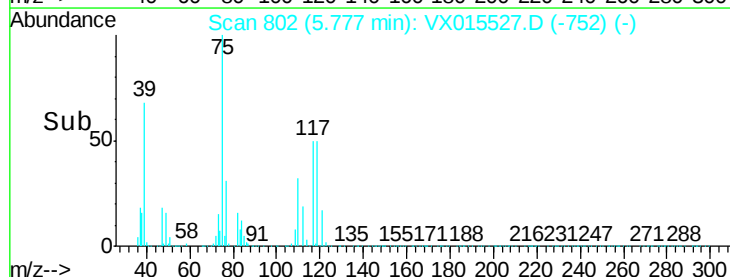
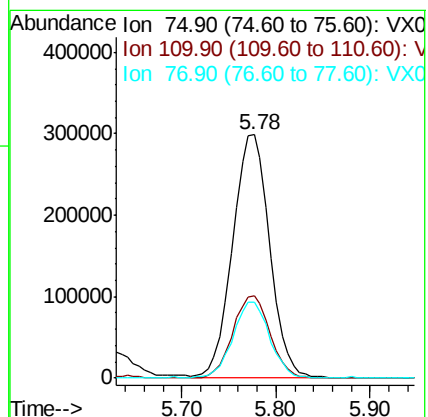
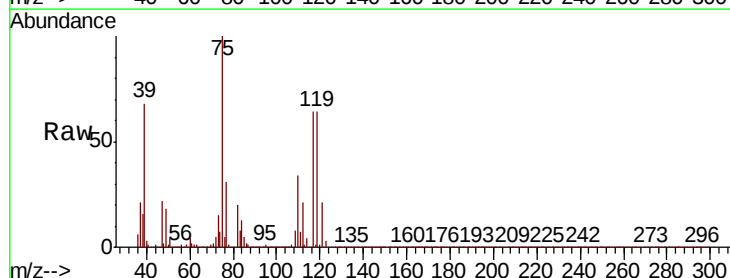
Tgt Ion: 75 Resp: 816497

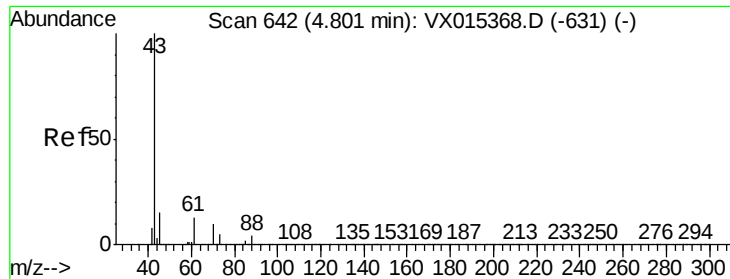
Ion Ratio Lower Upper

75 100

110 34.0 17.1 51.3

77 30.7 24.6 36.8

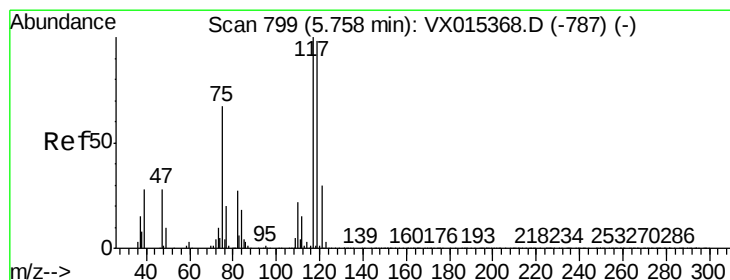
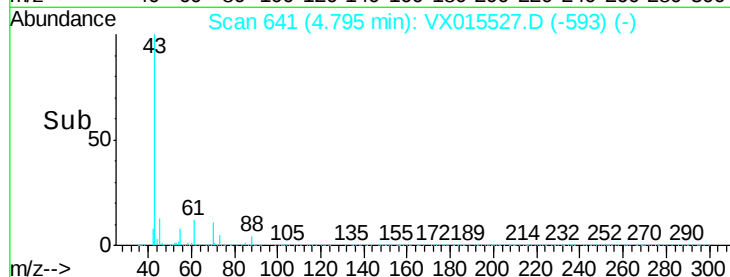
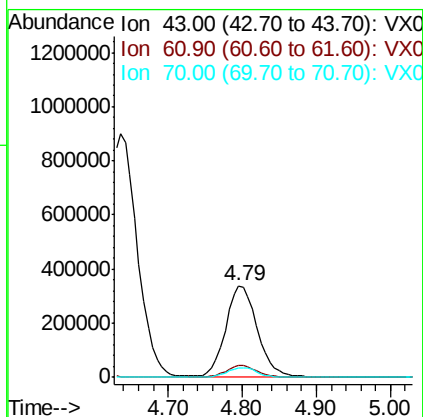
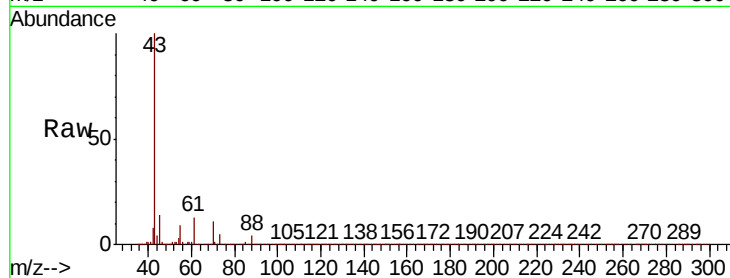




#37
Ethyl Acetate
Concen: 47.120 ug/l
RT: 4.79 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

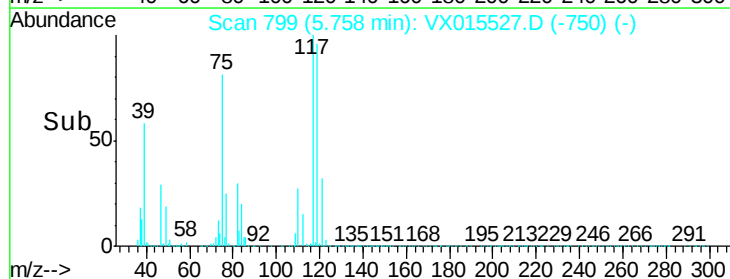
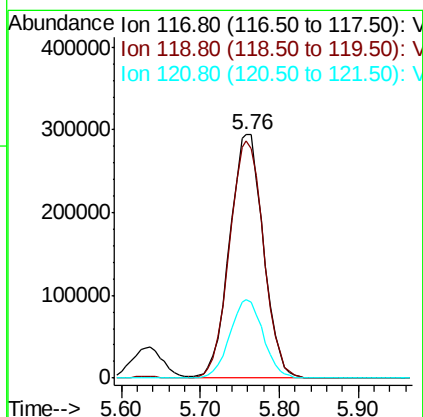
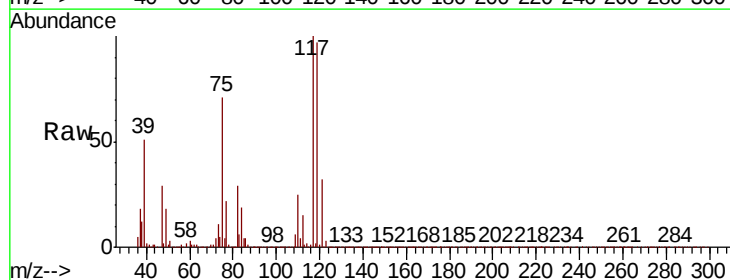
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

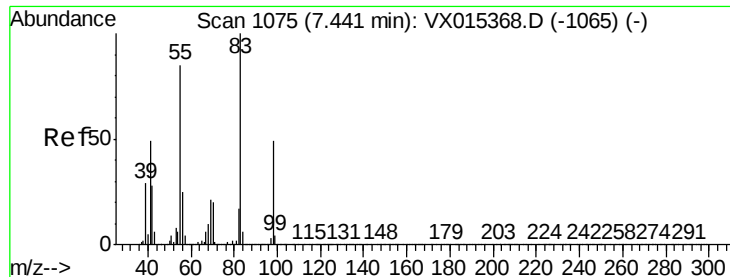
Tot Ion:	43	Resp:	999639
Ion	Ratio	Lower	Upper
43	100		
61	12.3	9.9	14.9
70	10.2	8.1	12.1



#38
Carbon Tetrachloride
Concen: 49.558 ug/l
RT: 5.76 min Scan# 799
Delta R.T. 0.00 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

Tgt Ion:	117	Resp:	874551
Ion	Ratio	Lower	Upper
117	100		
119	97.2	78.0	117.0
121	32.3	23.8	35.8

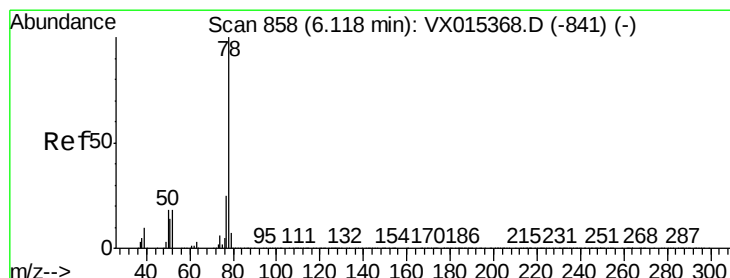
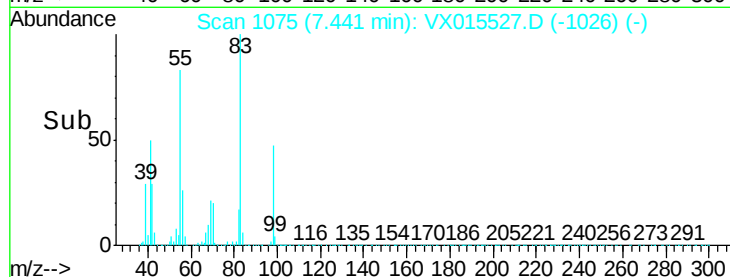
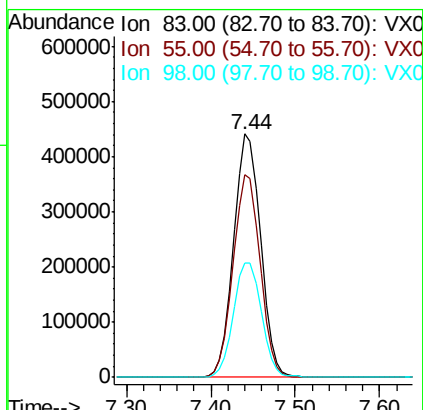
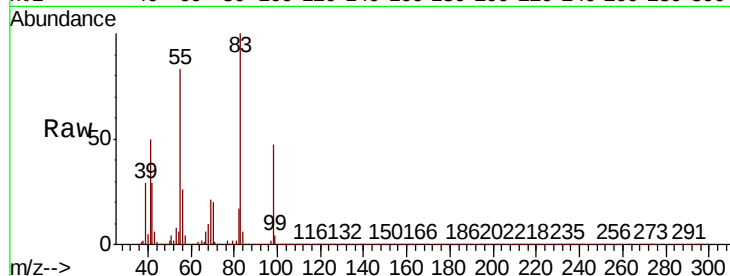




#39
Methvlcvclohexane
Concen: 50.963 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

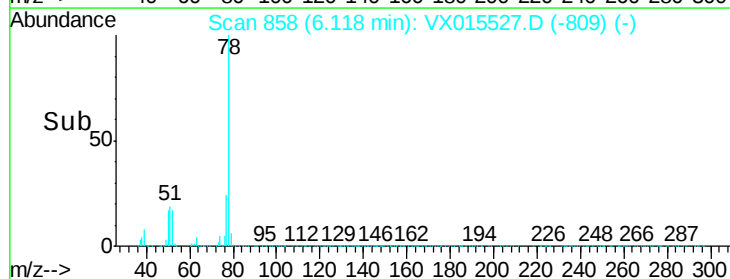
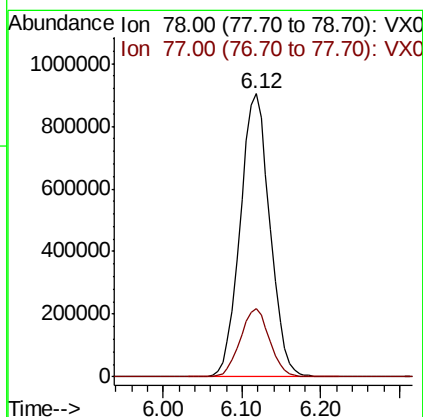
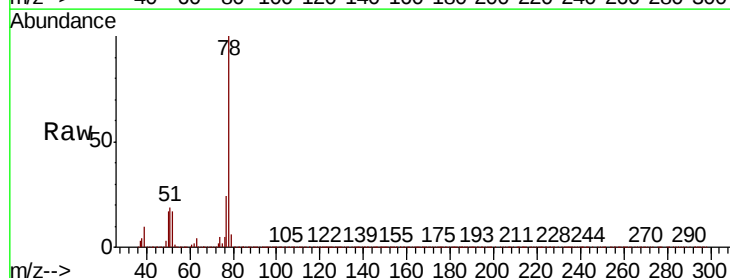
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

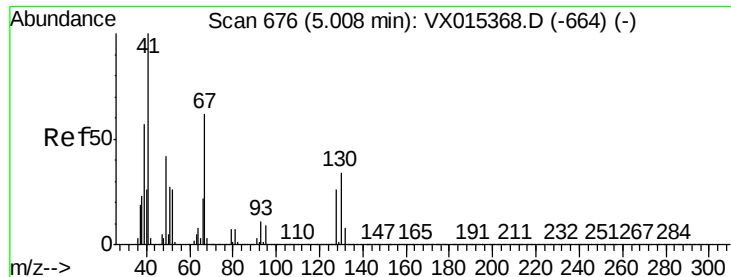
Tot Ion: 83 Resp: 957373
Ion Ratio Lower Upper
83 100
55 83.4 67.8 101.6
98 46.9 39.3 58.9



#40
Benzene
Concen: 49.502 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

Tgt Ion: 78 Resp: 2362558
Ion Ratio Lower Upper
78 100
77 24.0 19.8 29.8

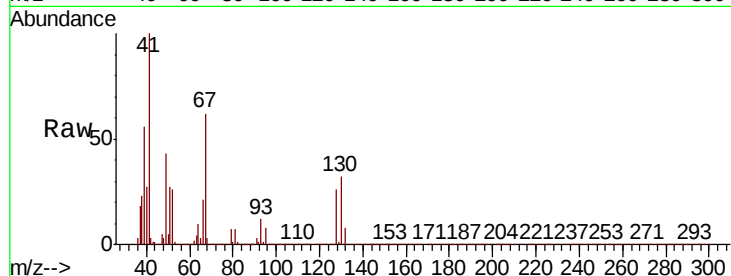




#41
Methacrylonitrile
Concen: 49.382 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	581557
Ion	Ratio	Lower	Upper
41	100		
39	56.3	44.5	66.7
67	60.5	48.9	73.3
52	27.0	21.8	32.6



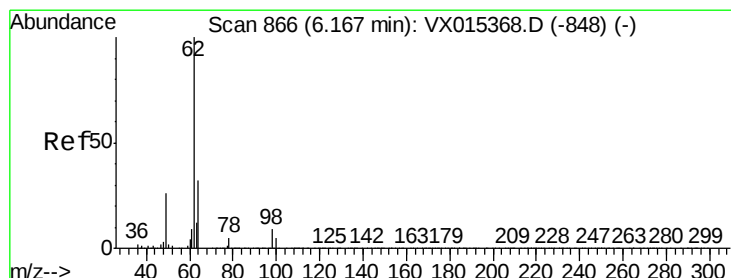
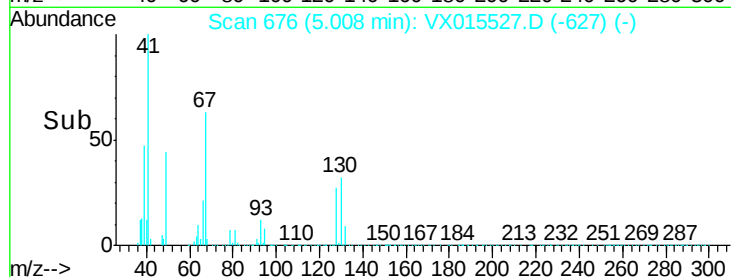
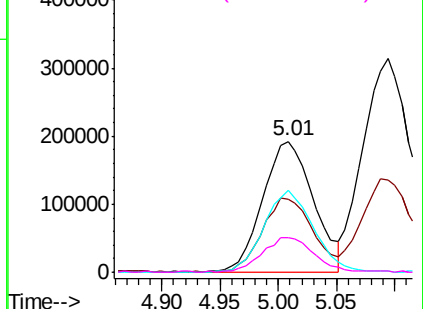
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

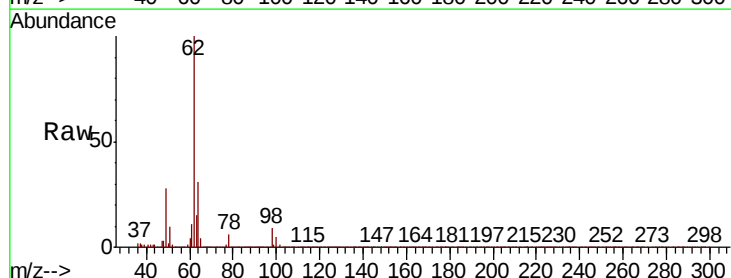
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 50.476 ug/l
RT: 6.17 min Scan# 866
Delta R.T. 0.00 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

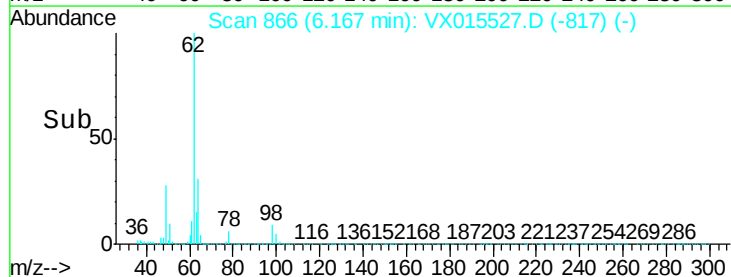
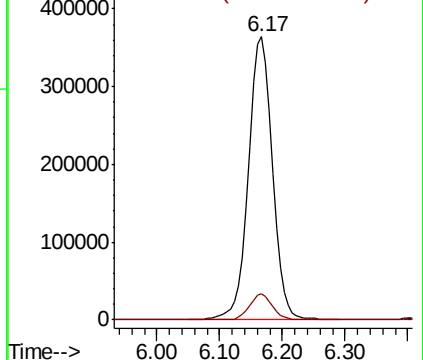
Tgt Ion:	62	Resp:	967660
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.6

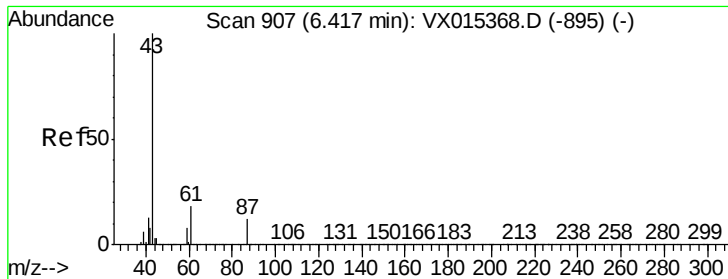


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



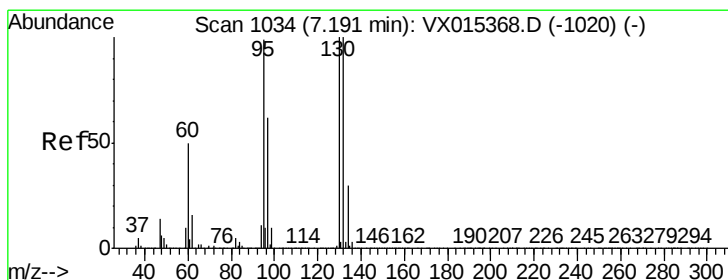
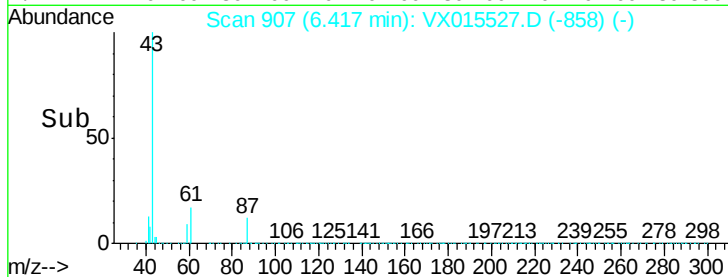
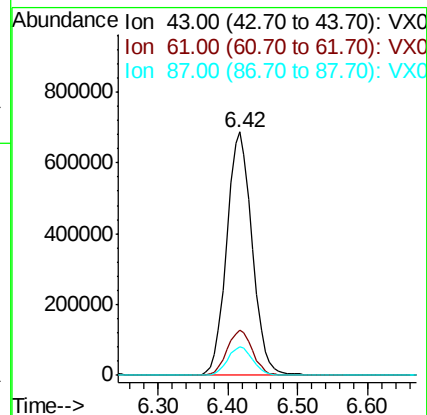
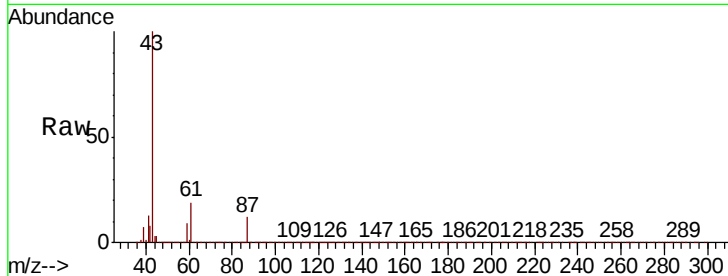


#43

Isopropyl Acetate
 Concen: 48.031 ug/l
 RT: 6.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: VX015527.D
 Acq: 06 Apr 2020 20:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

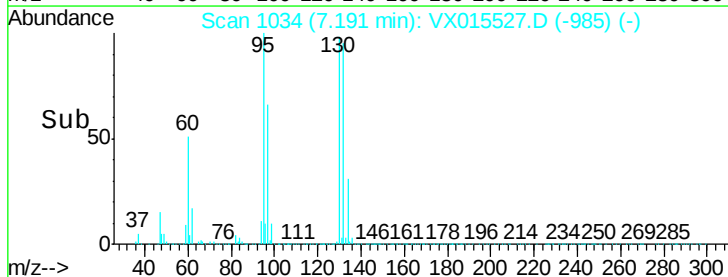
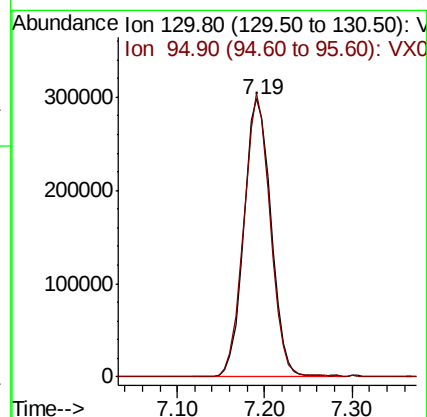
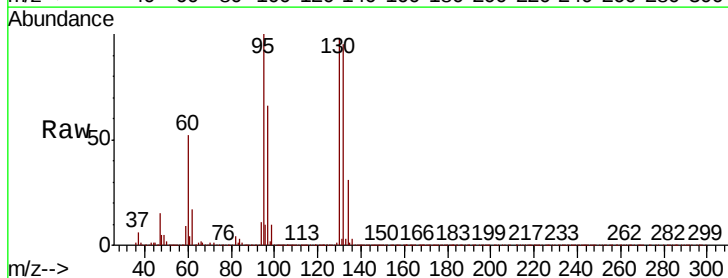
Tot Ion: 43 Resp: 1720113
 Ion Ratio Lower Upper
 43 100
 61 18.6 14.8 22.2
 87 11.7 9.4 14.0

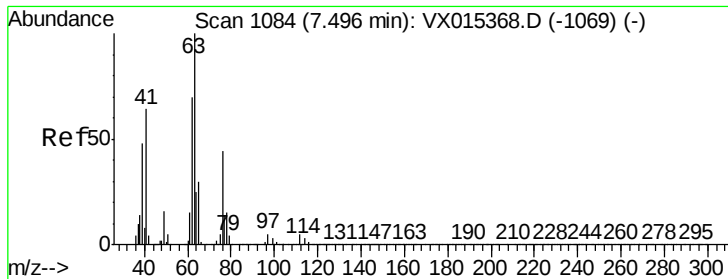


#44

Trichloroethene
 Concen: 49.574 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VX015527.D
 Acq: 06 Apr 2020 20:43

Tgt Ion: 130 Resp: 645269
 Ion Ratio Lower Upper
 130 100
 95 101.8 0.0 199.0

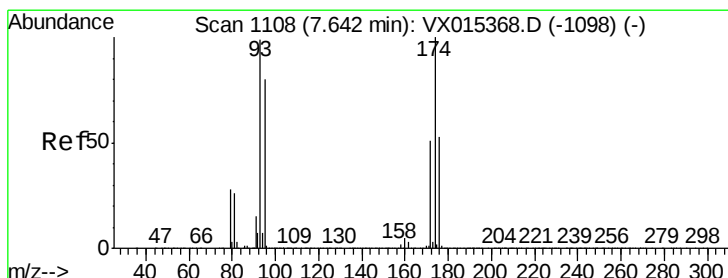
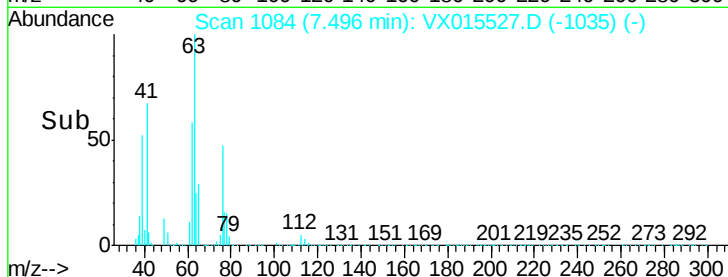
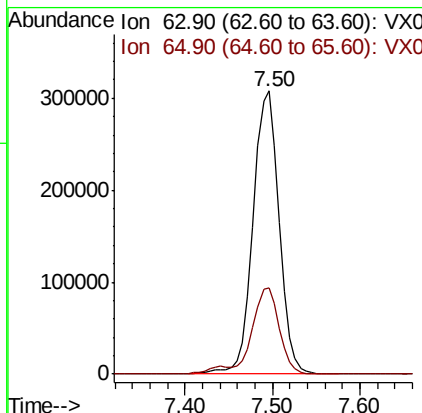
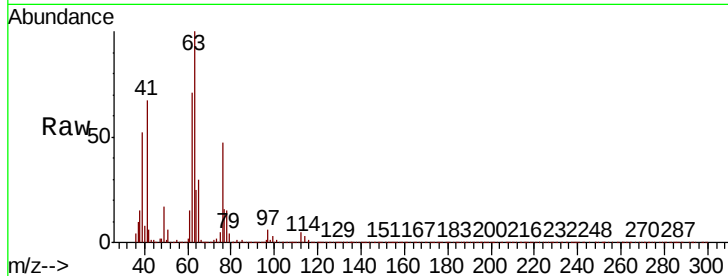




#45
 1,2-Dichloropropane
 Concen: 48.560 ug/l
 RT: 7.50 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: VX015527.D
 Acq: 06 Apr 2020 20:43

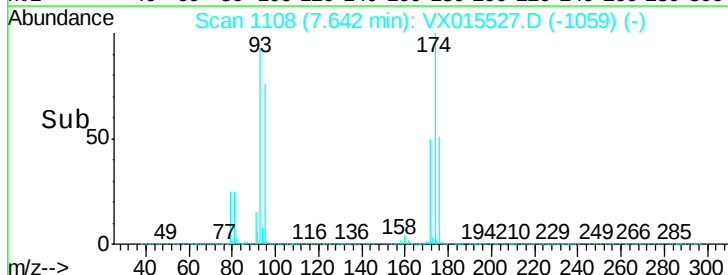
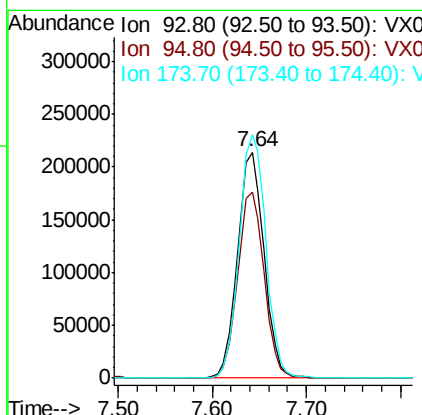
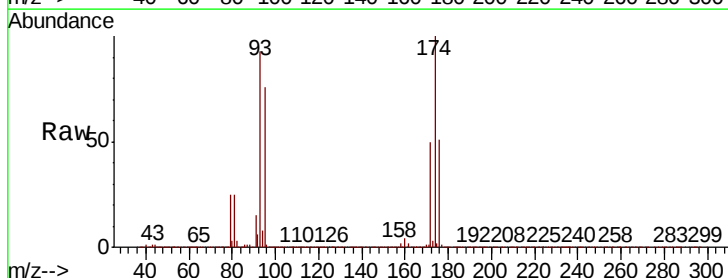
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

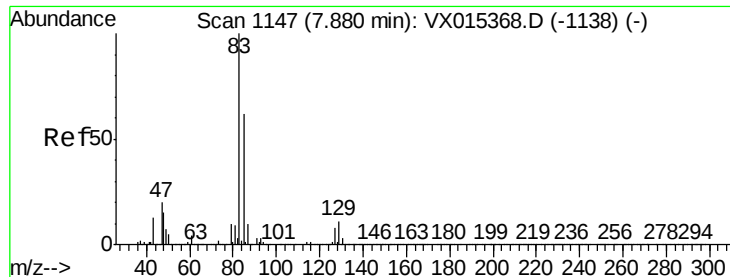
Tot Ion: 63 Resp: 634004
 Ion Ratio Lower Upper
 63 100
 65 30.4 23.9 35.9



#46
 Dibromomethane
 Concen: 48.621 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VX015527.D
 Acq: 06 Apr 2020 20:43

Tgt Ion: 93 Resp: 416412
 Ion Ratio Lower Upper
 93 100
 95 82.6 65.8 98.8
 174 108.5 86.2 129.2





#47

Bromodichloromethane

Concen: 49.588 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

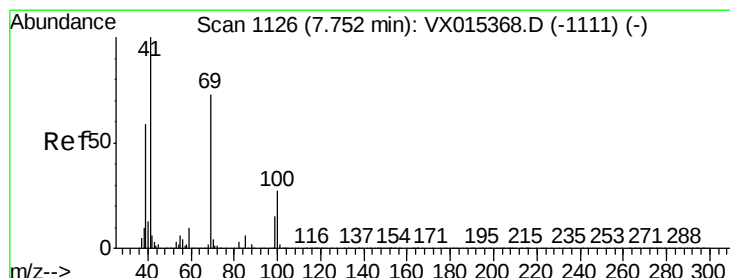
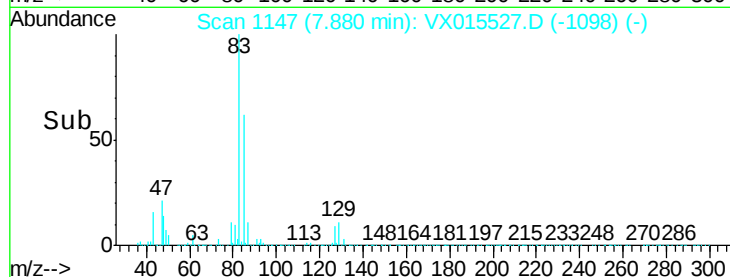
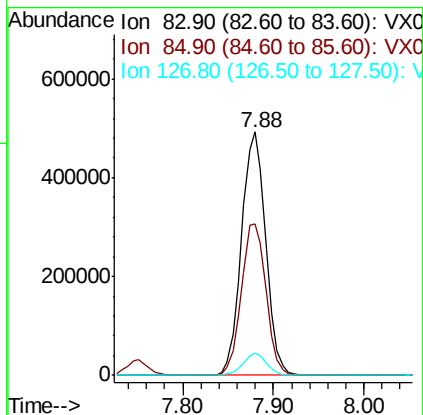
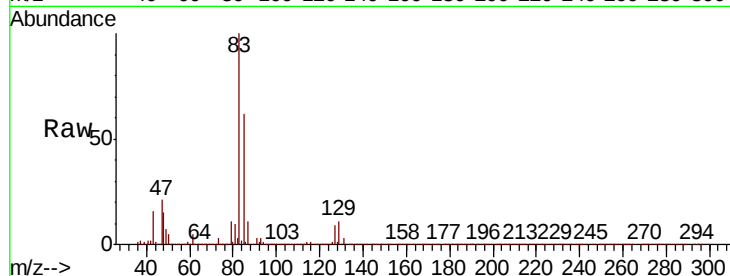
Tot Ion: 83 Resp: 904937

Ion Ratio Lower Upper

83 100

85 62.4 49.7 74.5

127 9.1 6.7 10.1



#48

Methyl methacrylate

Concen: 48.421 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. -0.01 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

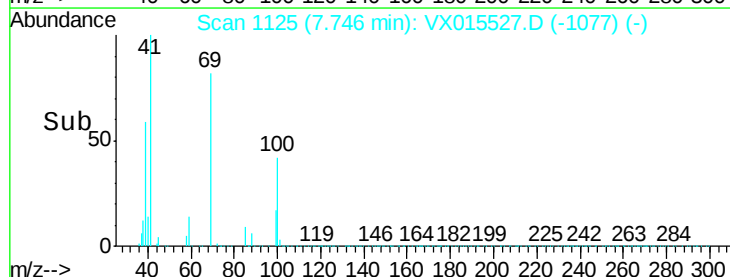
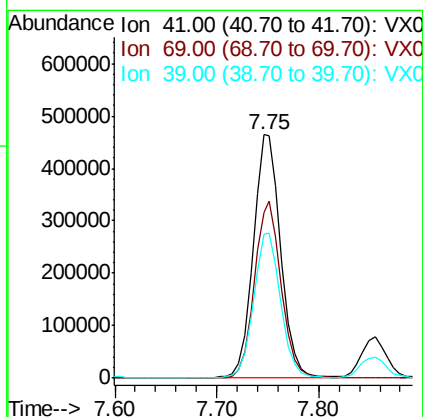
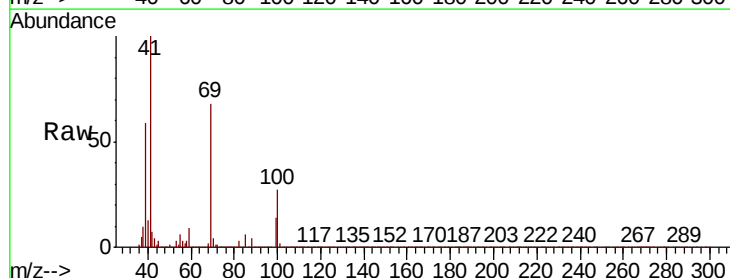
Tgt Ion: 41 Resp: 866145

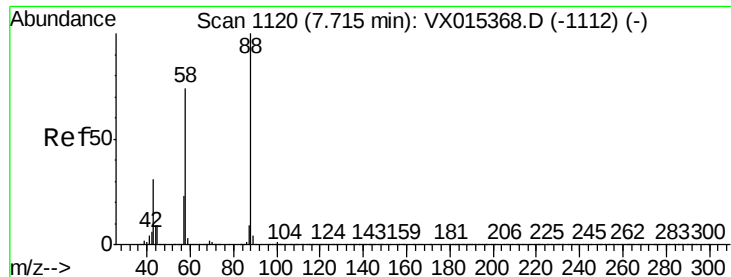
Ion Ratio Lower Upper

41 100

69 70.9 56.7 85.1

39 58.9 46.5 69.7





#49

1,4-Dioxane

Concen: 813.463 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. 0.00 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

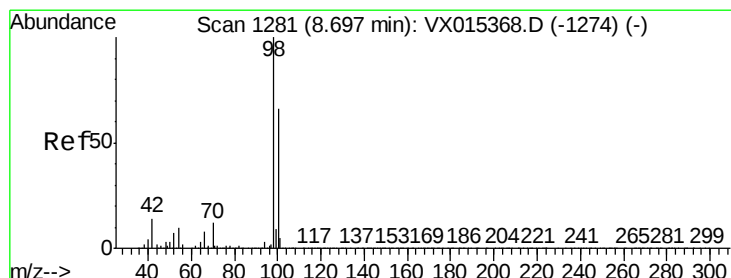
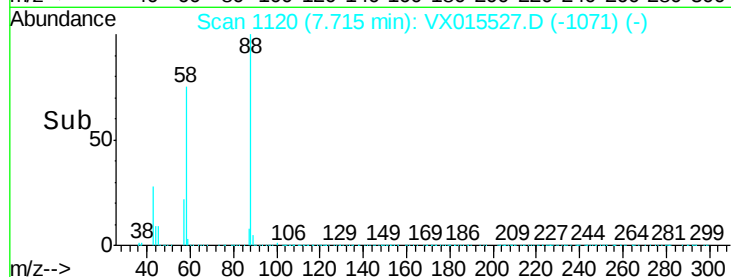
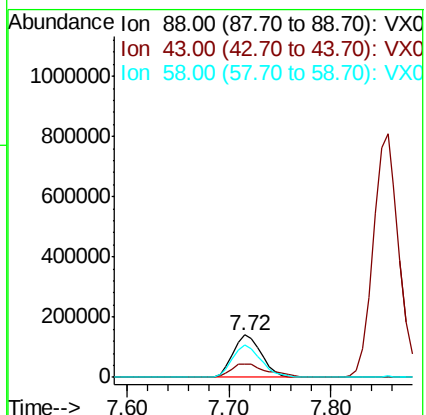
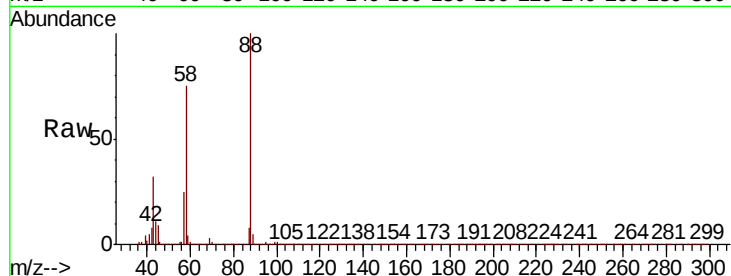
Tot Ion: 88 Resp: 271451

Ion Ratio Lower Upper

88 100

43 39.9 30.1 45.1

58 77.0 60.6 90.8



#50

Toluene-d8

Concen: 50.589 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015527.D

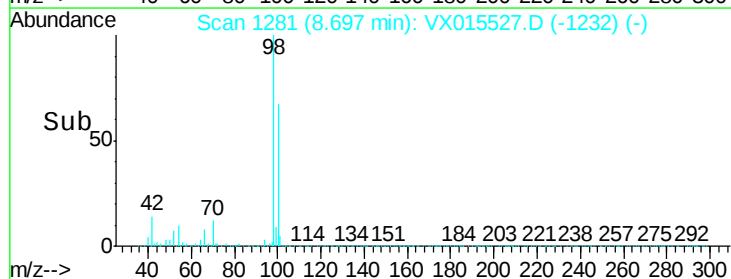
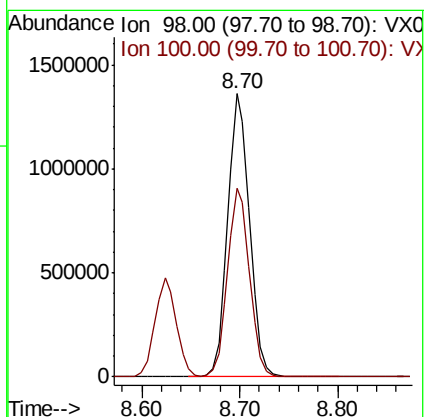
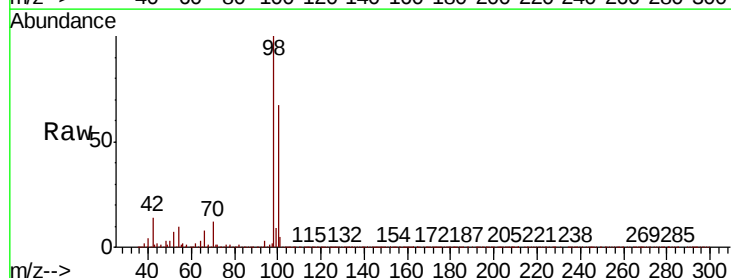
Acq: 06 Apr 2020 20:43

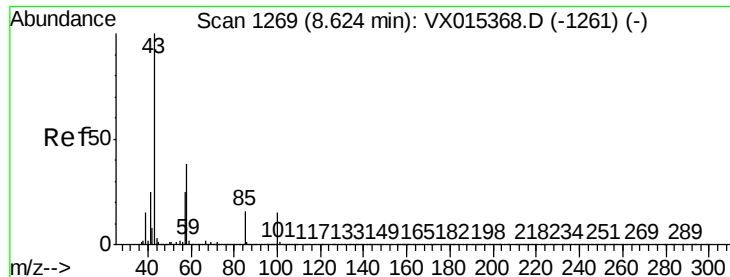
Tgt Ion: 98 Resp: 2105316

Ion Ratio Lower Upper

98 100

100 67.0 53.5 80.3





#51

4-Methyl-2-Pentanone

Concen: 245.052 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

Instrument :

MSVOA_X

ClientSampleId :

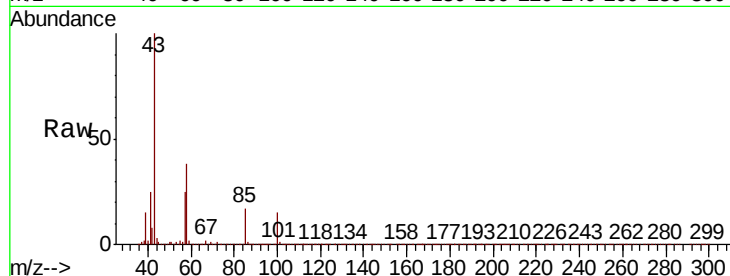
VSTDCCC050EC

Tot Ion: 43 Resp: 4973484

Ion Ratio Lower Upper

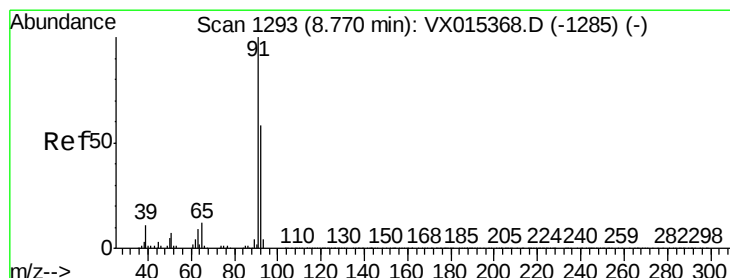
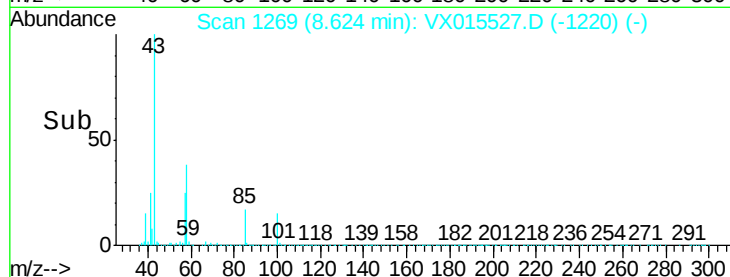
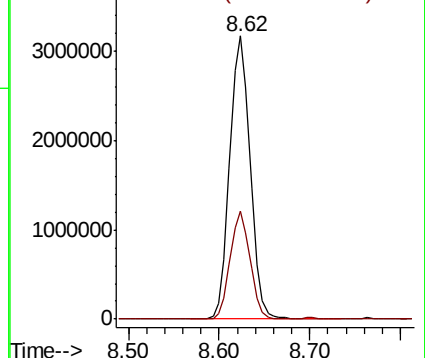
43 100

58 37.1 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.915 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX015527.D

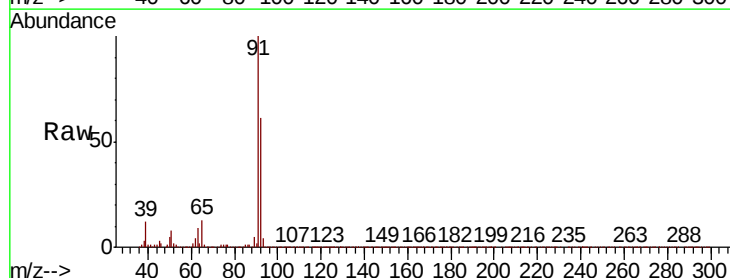
Acq: 06 Apr 2020 20:43

Tgt Ion: 92 Resp: 1498157

Ion Ratio Lower Upper

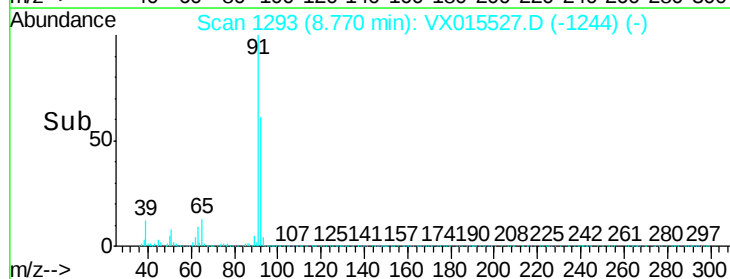
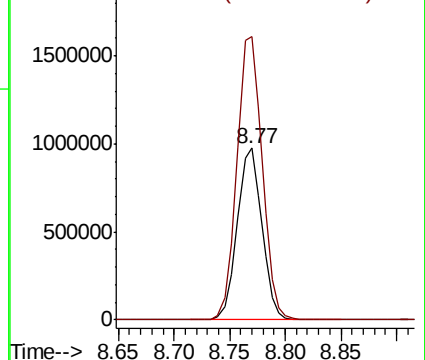
92 100

91 169.0 136.6 205.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 48.639 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

Instrument :

MSVOA_X

ClientSampleId :

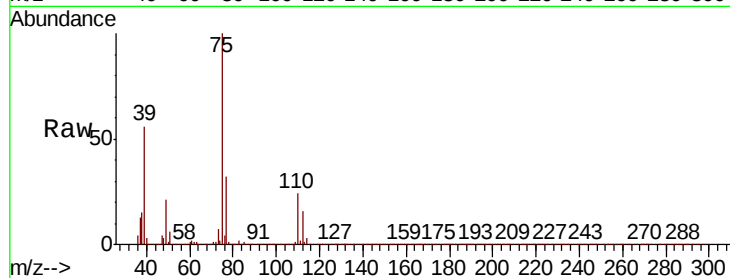
VSTDCCC050EC

Tot Ion: 75 Resp: 1041028

Ion Ratio Lower Upper

75 100

77 31.5 24.1 36.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.03

800000

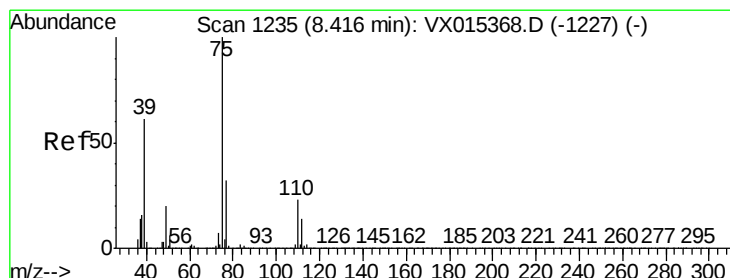
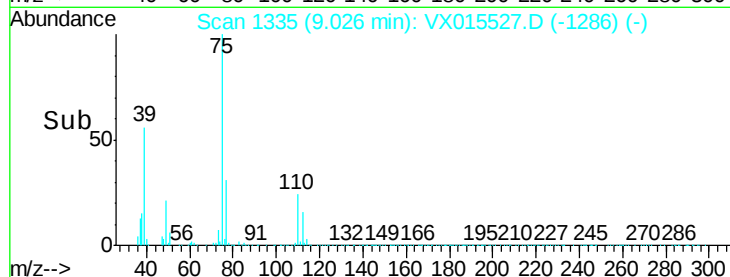
600000

400000

200000

0

Time--> 8.90 9.00 9.10



#54

cis-1,3-Dichloropropene

Concen: 49.201 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

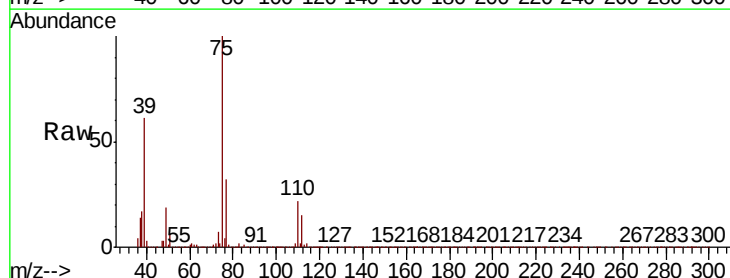
Tgt Ion: 75 Resp: 1072696

Ion Ratio Lower Upper

75 100

77 31.6 25.8 38.6

39 60.6 49.0 73.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.42

800000

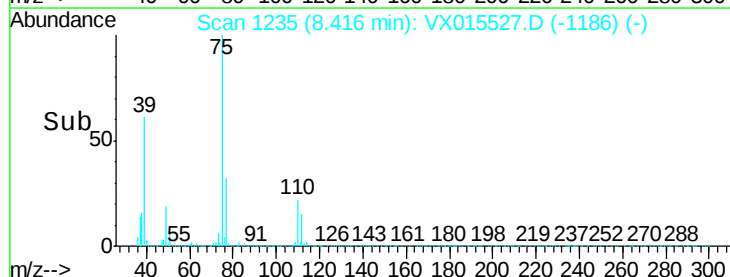
600000

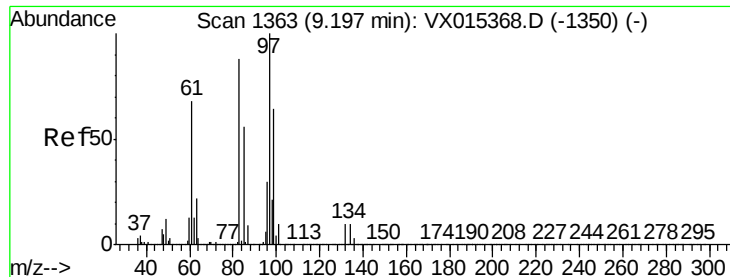
400000

200000

0

Time--> 8.30 8.40 8.50

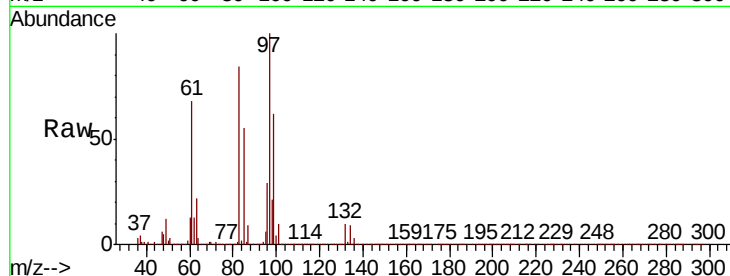




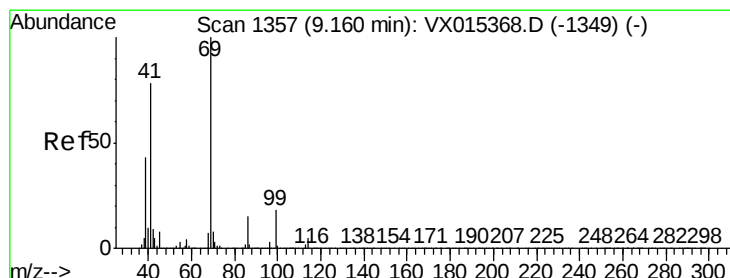
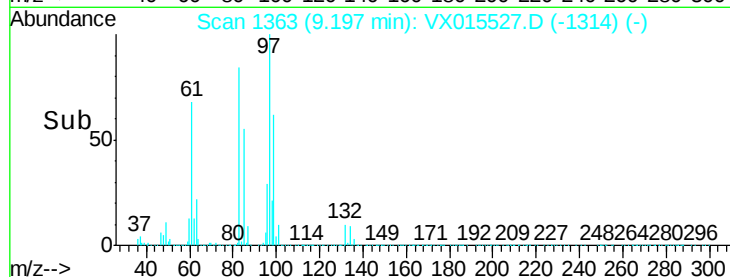
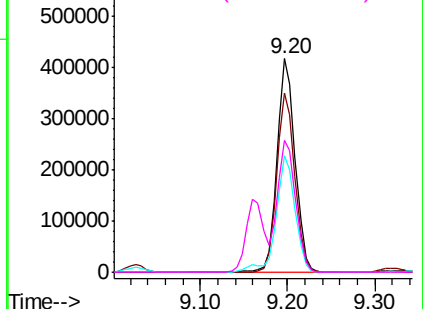
#55
 1,1,2-Trichloroethane
 Concen: 49.955 ug/l
 RT: 9.20 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VX015527.D
 Acq: 06 Apr 2020 20:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	602229
Ion	Ratio	Lower	Upper
97	100		
83	83.6	70.2	105.4
85	54.8	44.7	67.1
99	61.9	51.1	76.7

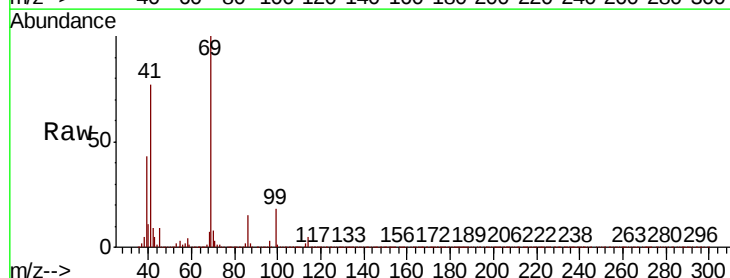


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

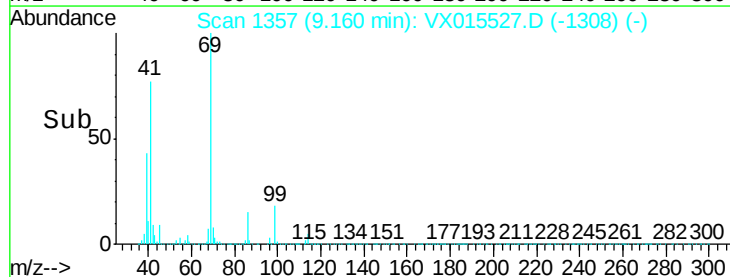
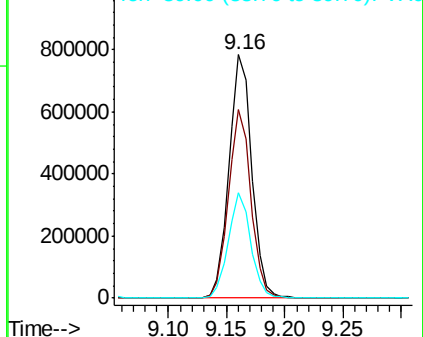


#56
 Ethyl methacrylate
 Concen: 50.333 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: VX015527.D
 Acq: 06 Apr 2020 20:43

Tgt Ion:	69	Resp:	1069368
Ion	Ratio	Lower	Upper
69	100		
41	76.2	61.6	92.4
39	42.3	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: 48.599 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

Instrument :

MSVOA_X

ClientSampleId :

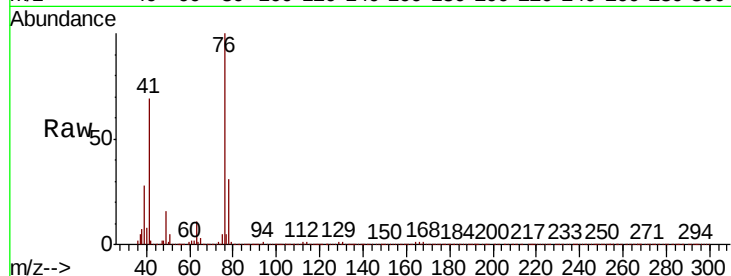
VSTDCCC050EC

Tot Ion: 76 Resp: 1055580

Ion Ratio Lower Upper

76 100

78 31.8 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

800000

600000

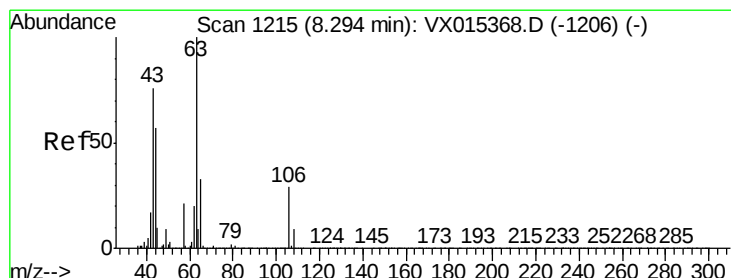
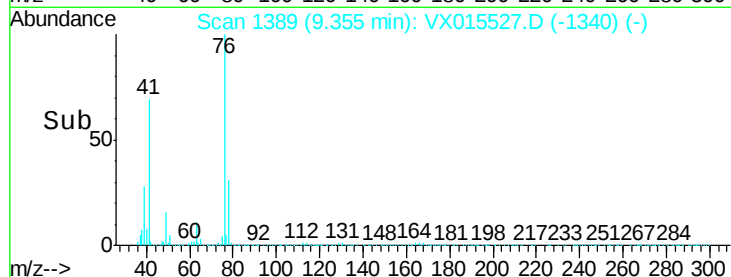
400000

200000

0

9.25 9.30 9.35 9.40 9.45

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 249.267 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. 0.00 min

Lab File: VX015527.D

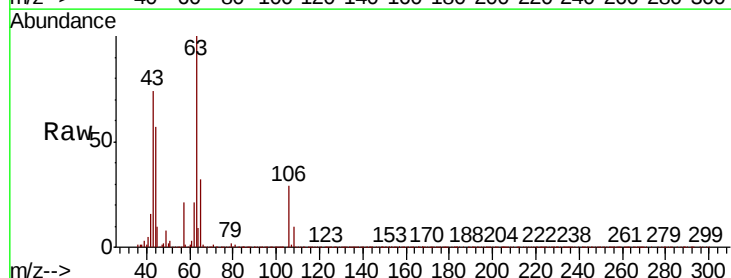
Acq: 06 Apr 2020 20:43

Tgt Ion: 63 Resp: 2575976

Ion Ratio Lower Upper

63 100

106 28.4 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

1500000

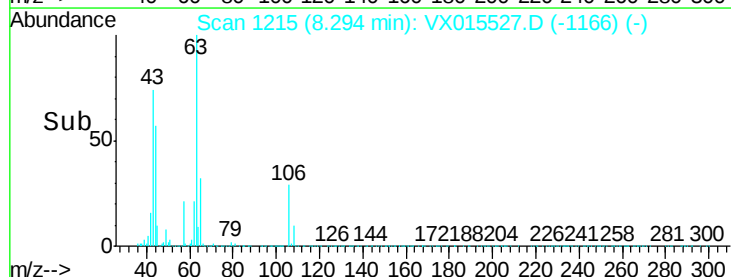
1000000

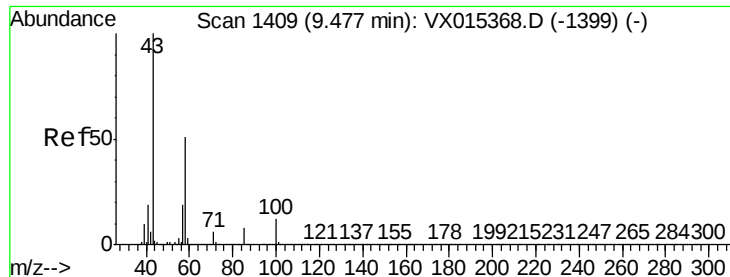
500000

0

8.20 8.25 8.30 8.35 8.40

Time-->





#59

2-Hexanone

Concen: 247.577 ug/l

RT: 9.48 min Scan# 1409

Delta R.T. 0.00 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

Instrument :

MSVOA_X

ClientSampleId :

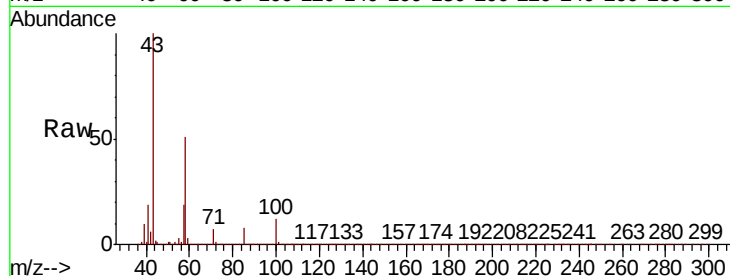
VSTDCCC050EC

Tot Ion: 43 Resp: 3793554

Ion Ratio Lower Upper

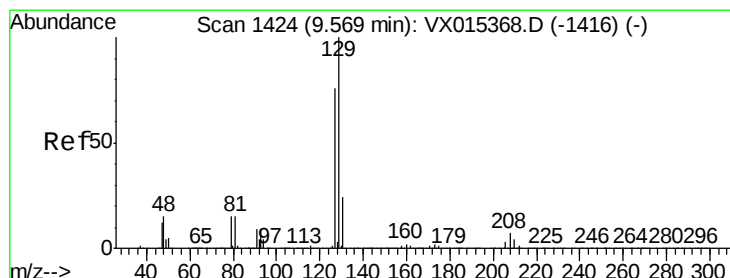
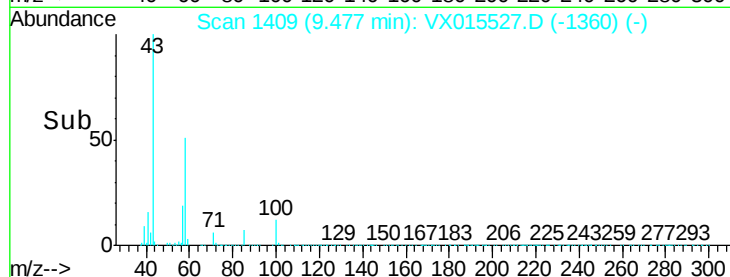
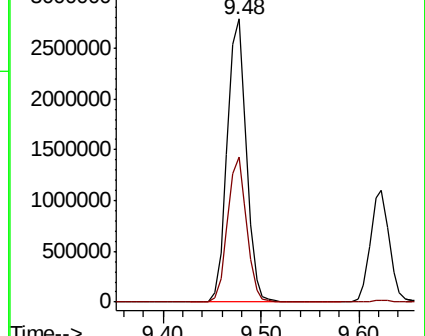
43 100

58 50.8 25.6 76.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#60

Dibromochloromethane

Concen: 49.702 ug/l

RT: 9.57 min Scan# 1424

Delta R.T. 0.00 min

Lab File: VX015527.D

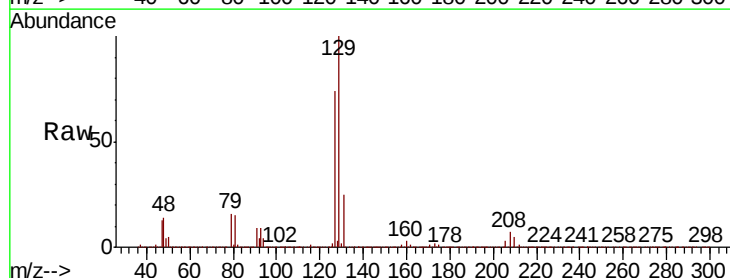
Acq: 06 Apr 2020 20:43

Tgt Ion: 129 Resp: 719990

Ion Ratio Lower Upper

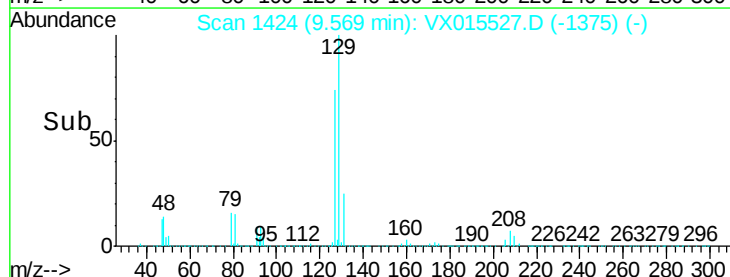
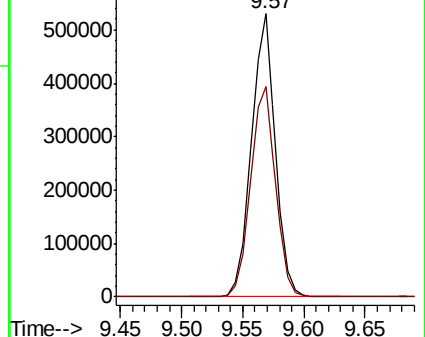
129 100

127 77.3 38.2 114.6



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V





#61

1,2-Dibromoethane

Concen: 50.022 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

Instrument :

MSVOA_X

ClientSampleId :

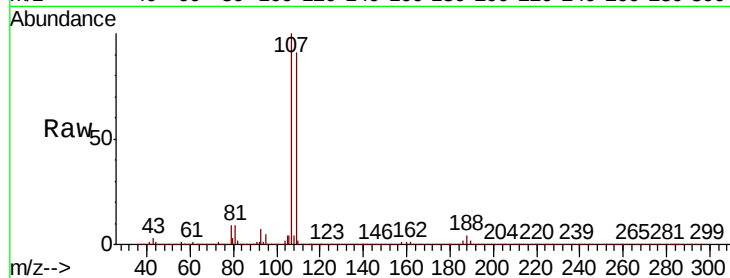
VSTDCCC050EC

Tot Ion:107 Resp: 655703

Ion Ratio Lower Upper

107 100

109 93.8 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

500000

400000

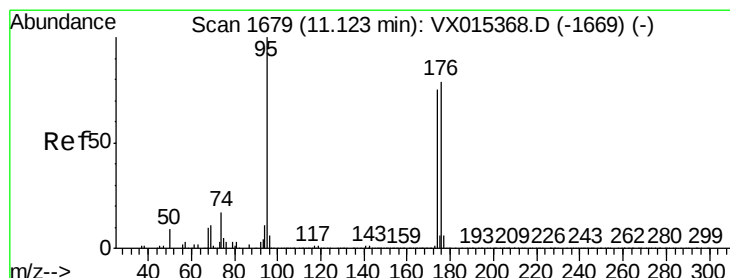
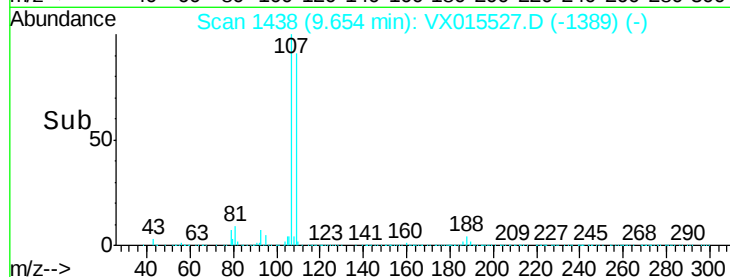
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.403 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

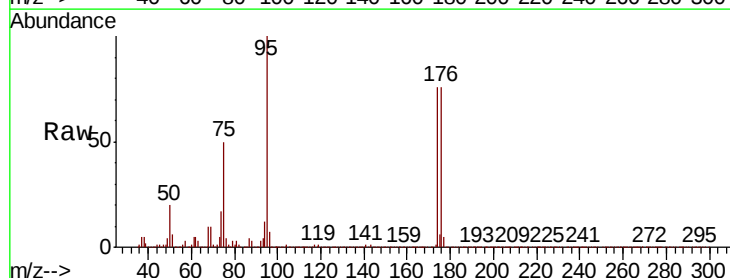
Tgt Ion: 95 Resp: 869376

Ion Ratio Lower Upper

95 100

174 78.0 0.0 158.6

176 80.2 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

11.12

1000000

800000

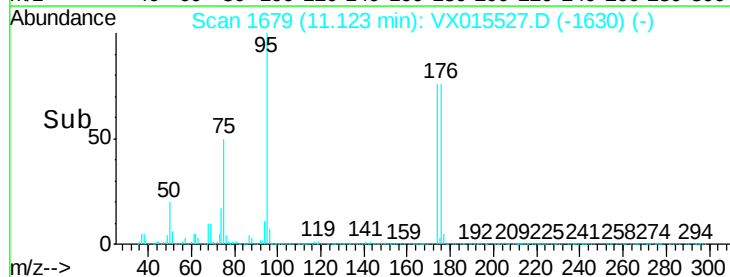
600000

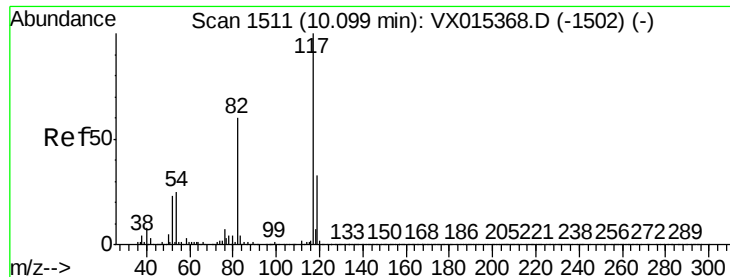
400000

200000

0

Time-->

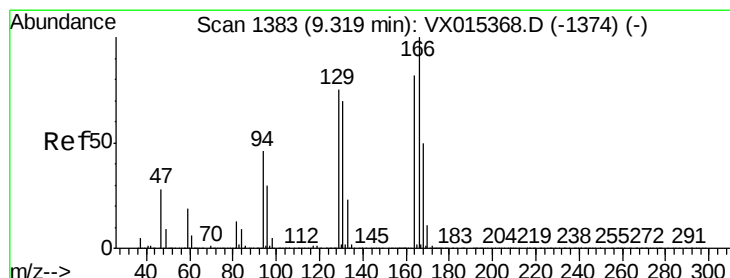
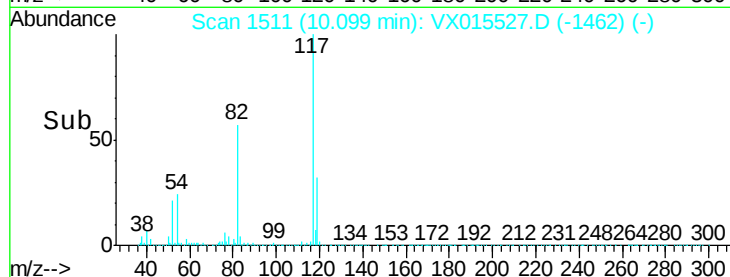
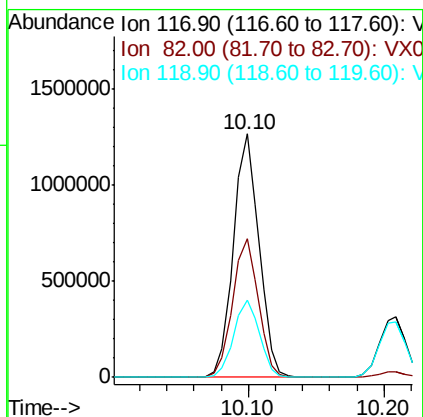
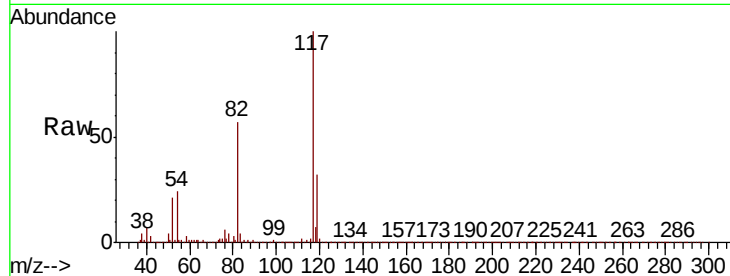




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

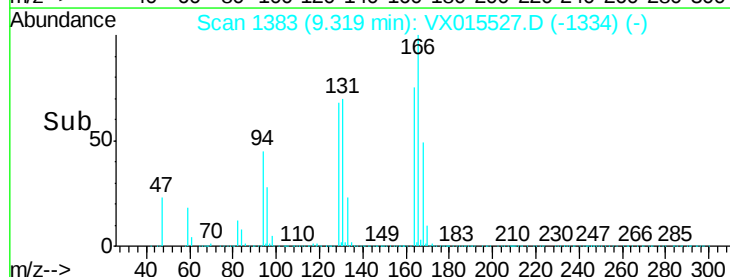
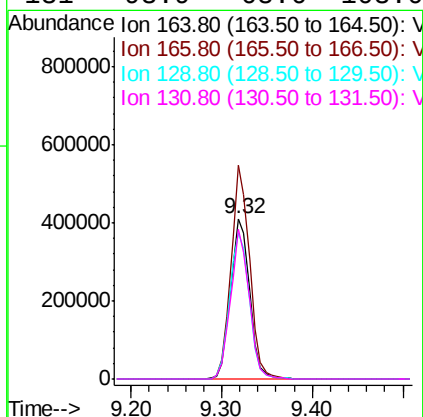
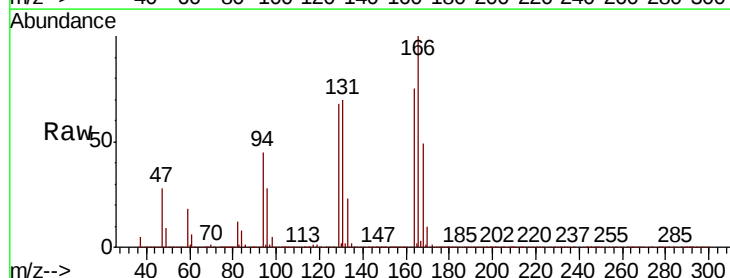
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

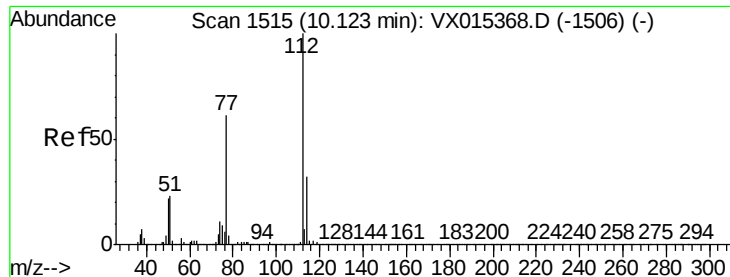
Tot Ion:117 Resp: 1656996
Ion Ratio Lower Upper
117 100
82 57.1 47.8 71.8
119 31.7 26.8 40.2



#64
Tetrachloroethene
Concen: 48.140 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

Tgt Ion:164 Resp: 601982
Ion Ratio Lower Upper
164 100
166 133.4 97.8 146.6
129 91.0 73.0 109.4
131 93.9 68.6 103.0





#65

Chlorobenzene

Concen: 49.040 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

Instrument :

MSVOA_X

ClientSampleId :

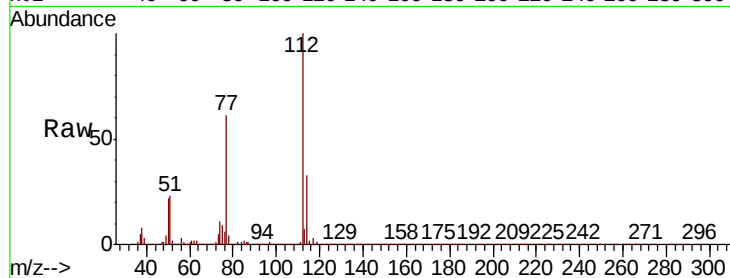
VSTDCCC050EC

Tot Ion:112 Resp: 1620555

Ion Ratio Lower Upper

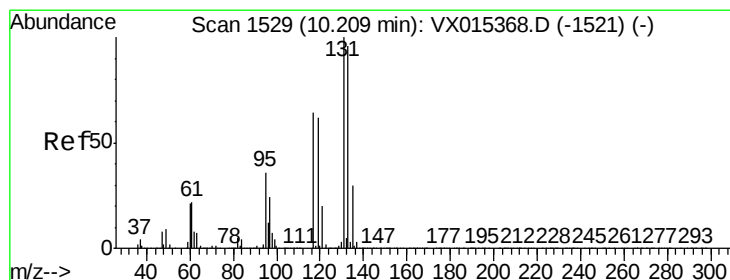
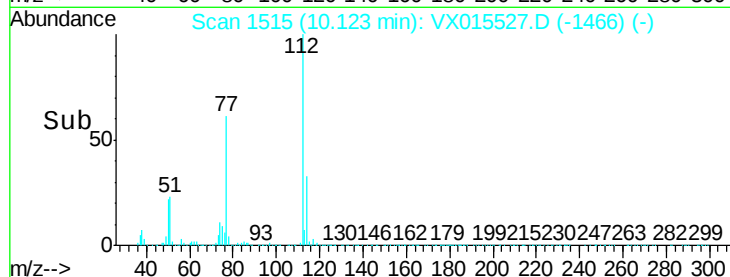
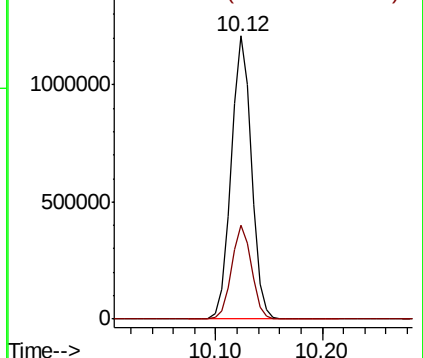
112 100

114 33.3 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.692 ug/l

RT: 10.21 min Scan# 1529

Delta R.T. 0.00 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

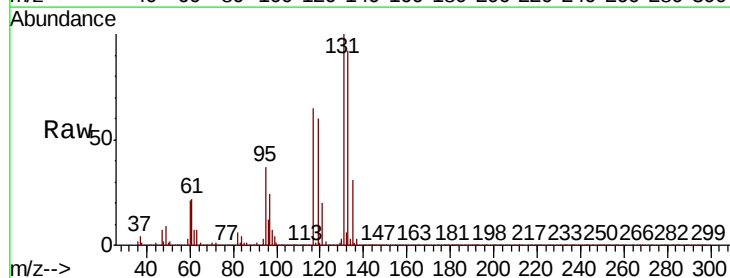
Tgt Ion:131 Resp: 656026

Ion Ratio Lower Upper

131 100

133 93.8 47.6 142.9

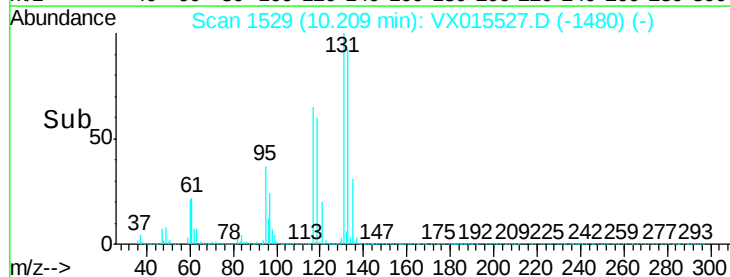
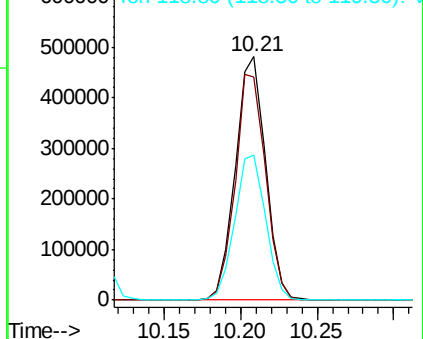
119 61.2 31.1 93.3

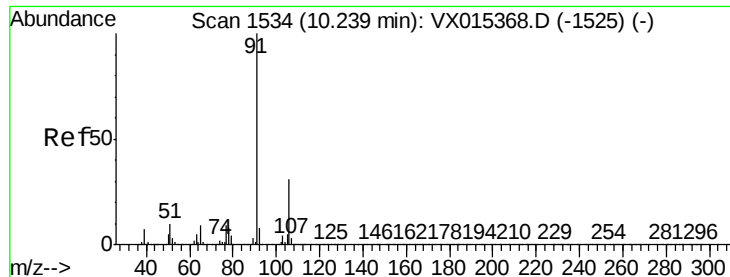


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 50.246 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

Instrument :

MSVOA_X

ClientSampleId :

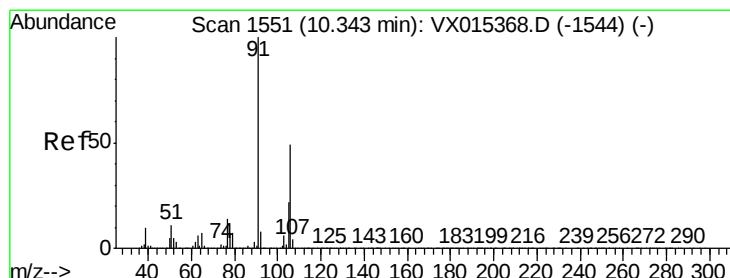
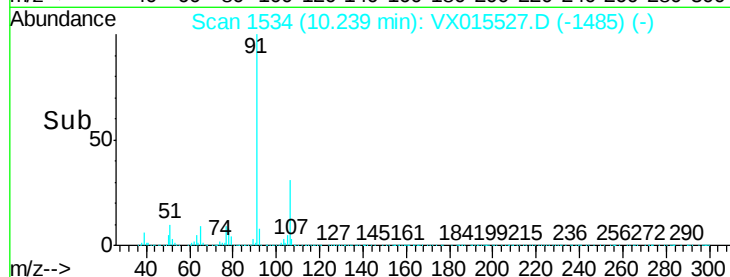
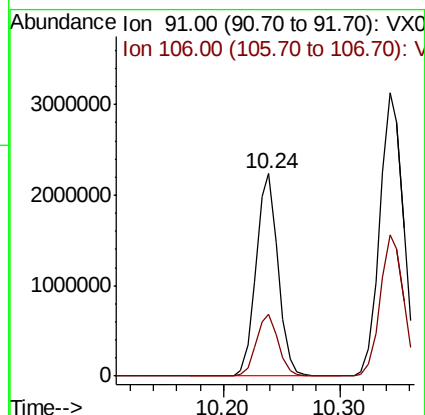
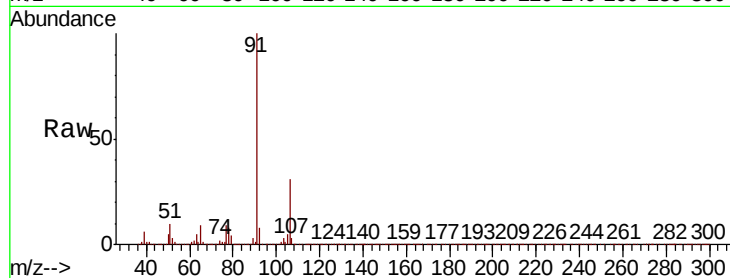
VSTDCCC050EC

Tot Ion: 91 Resp: 2944874

Ion Ratio Lower Upper

91 100

106 30.8 24.8 37.2



#68

m/p-Xylenes

Concen: 99.695 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015527.D

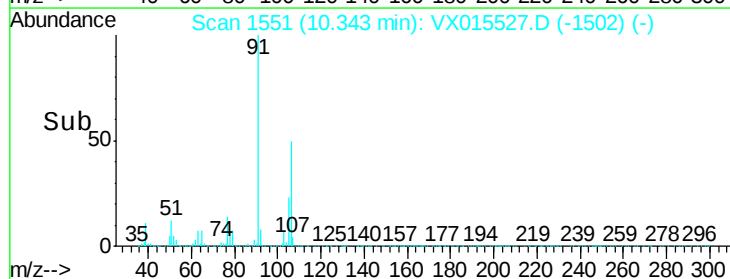
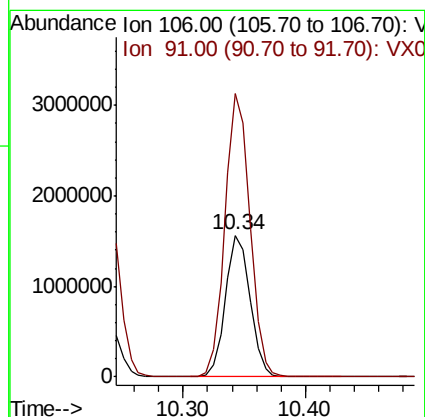
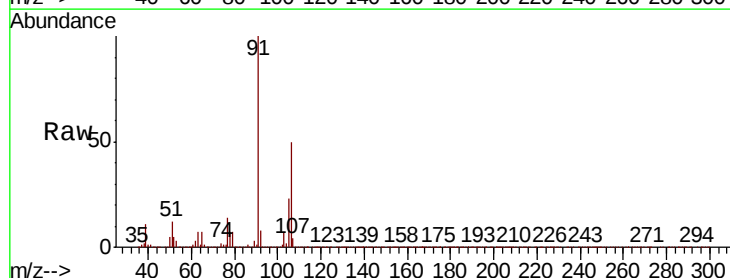
Acq: 06 Apr 2020 20:43

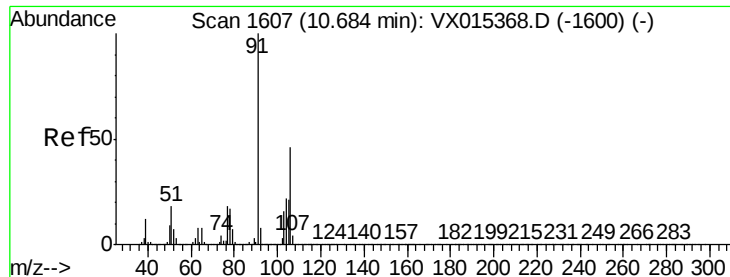
Tgt Ion: 106 Resp: 2175755

Ion Ratio Lower Upper

106 100

91 203.2 163.4 245.0

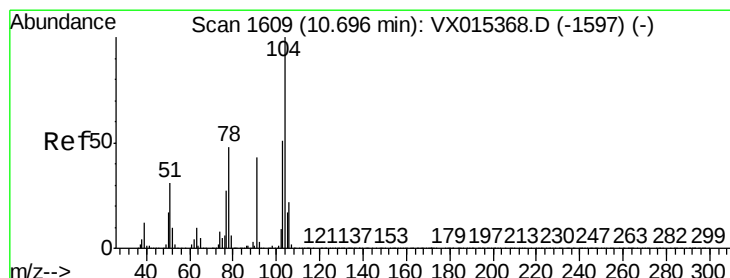
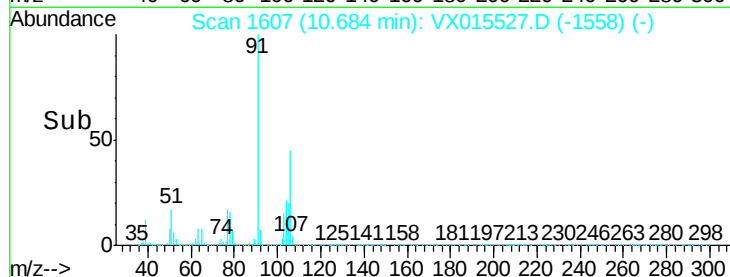
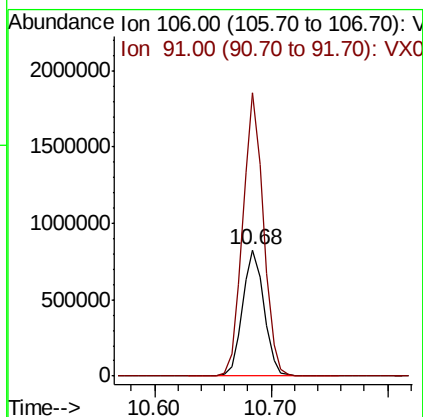
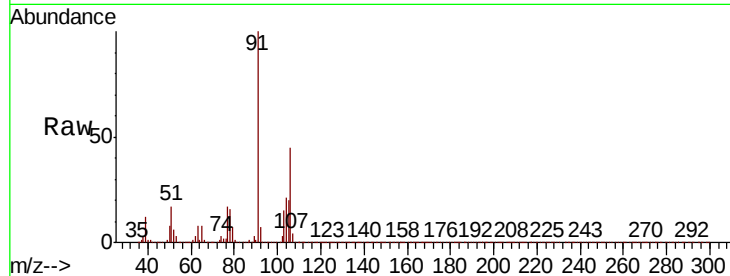




#69
o-Xylene
Concen: 49.303 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

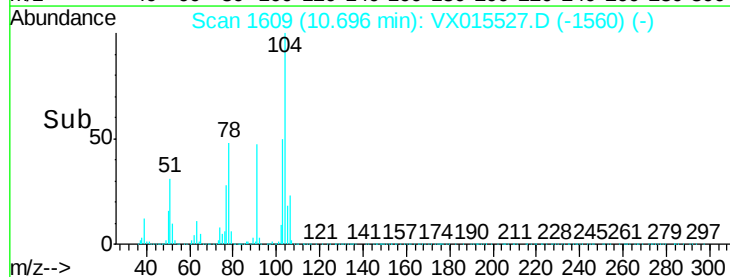
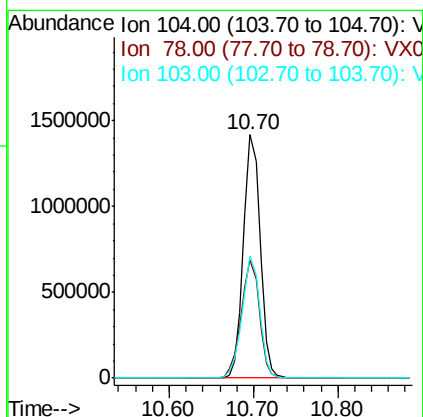
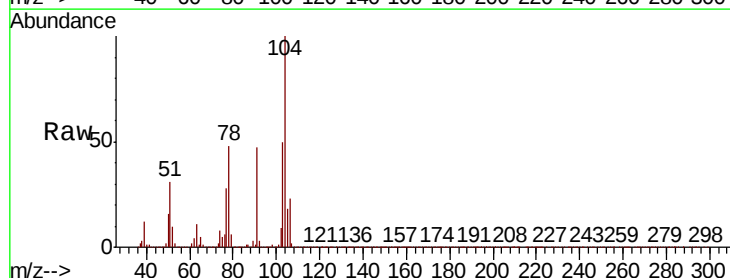
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

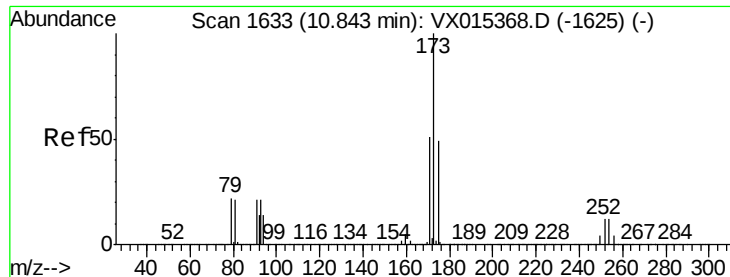
Tot Ion:106 Resp: 1063259
Ion Ratio Lower Upper
106 100
91 216.5 107.1 321.3



#70
Styrene
Concen: 49.432 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

Tgt Ion:104 Resp: 1875902
Ion Ratio Lower Upper
104 100
78 52.6 42.0 63.0
103 52.9 43.4 65.0





#71

Bromoform

Concen: 48.895 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

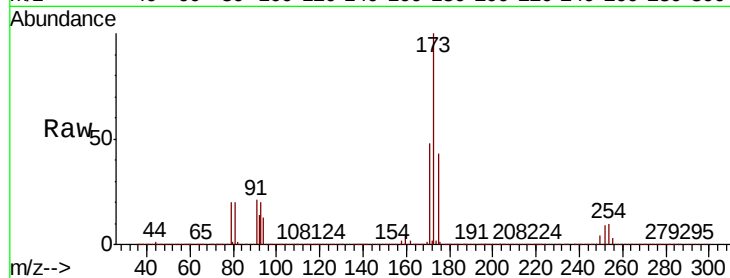
Tot Ion:173 Resp: 587622

Ion Ratio Lower Upper

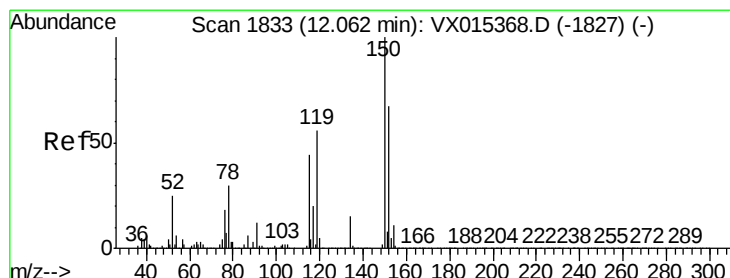
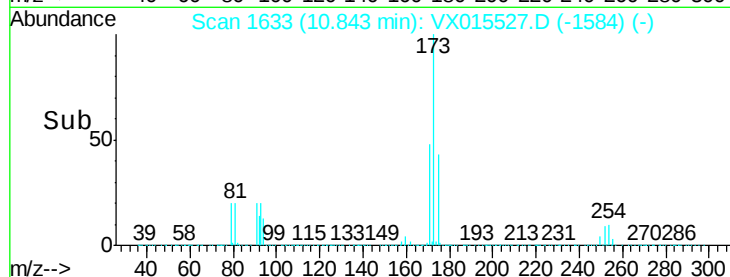
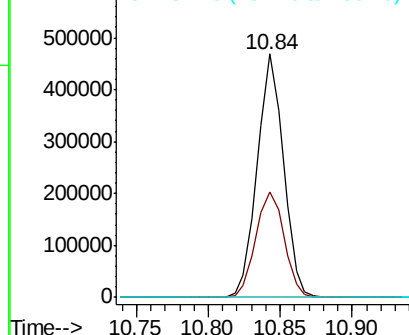
173 100

175 46.9 23.9 71.7

254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

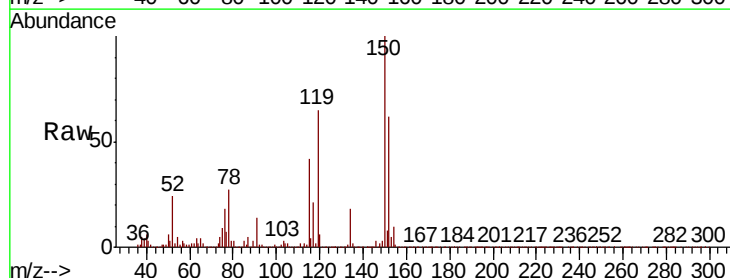
Tgt Ion:152 Resp: 891440

Ion Ratio Lower Upper

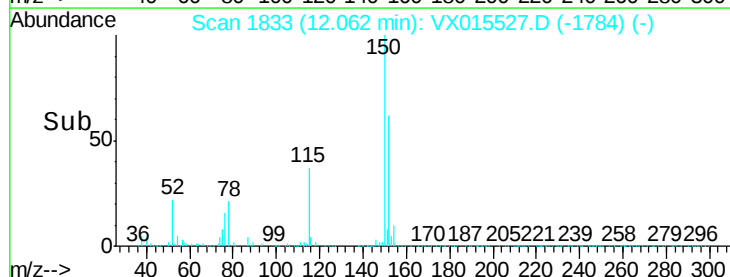
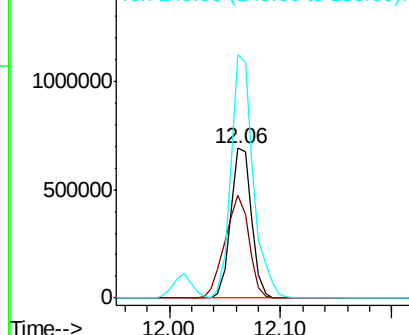
152 100

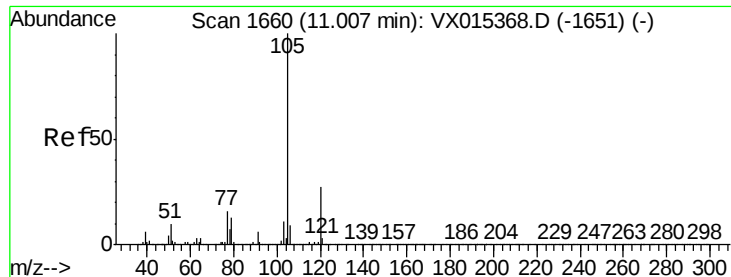
115 79.2 39.0 116.9

150 173.5 0.0 340.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.693 ug/l

RT: 11.01 min Scan# 1660

Delta R.T. 0.00 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

Instrument :

MSVOA_X

ClientSampleId :

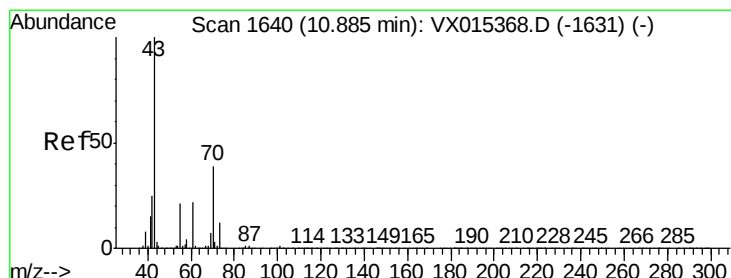
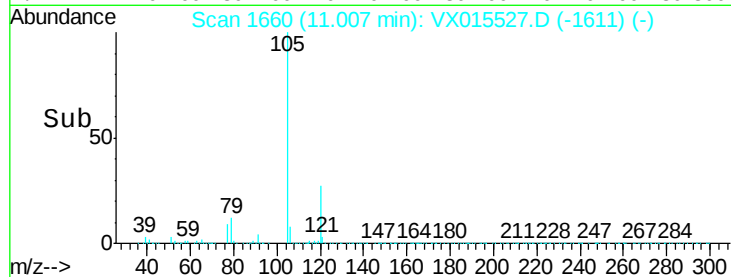
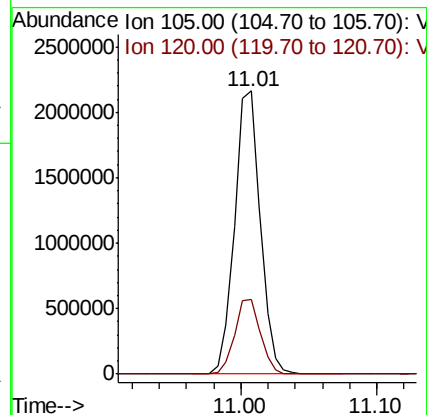
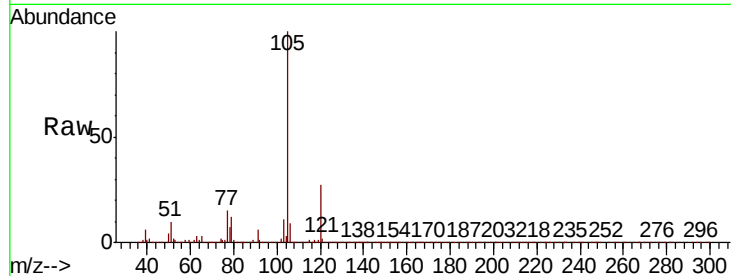
VSTDCCC050EC

Tot Ion:105 Resp: 2844096

Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.5



#74

N-ethyl acetate

Concen: 46.620 ug/l

RT: 10.89 min Scan# 1640

Delta R.T. 0.00 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

Tgt Ion: 43 Resp: 1514489

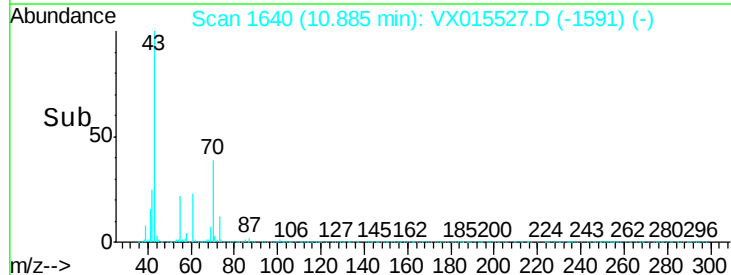
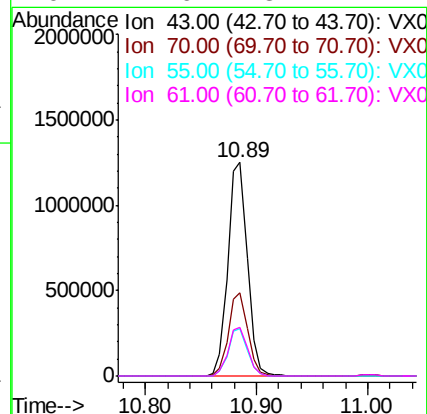
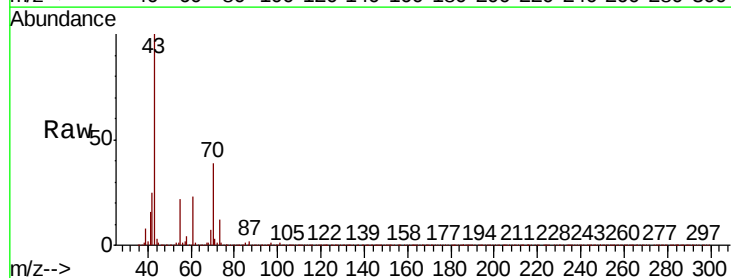
Ion Ratio Lower Upper

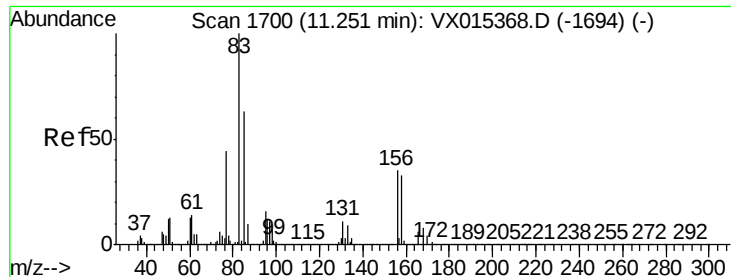
43 100

70 38.3 30.2 45.4

55 21.7 16.8 25.2

61 22.6 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 46.500 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

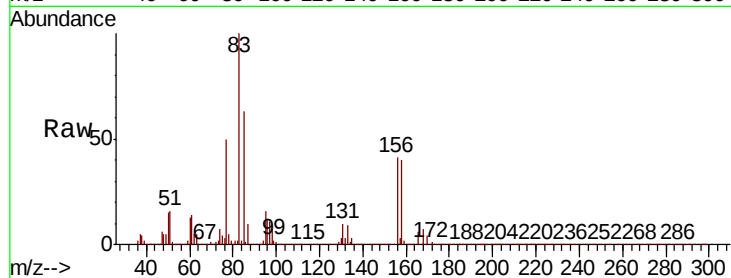
Tot Ion: 83 Resp: 931966

Ion Ratio Lower Upper

83 100

131 10.7 5.3 16.1

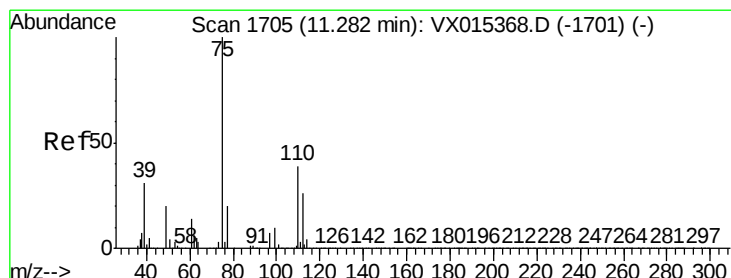
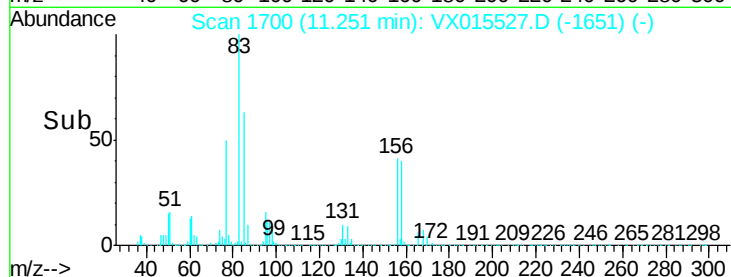
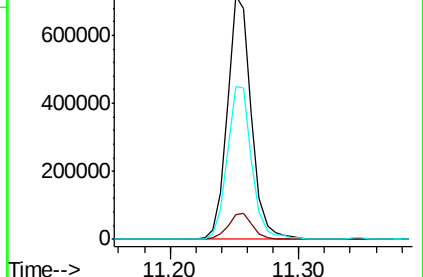
85 64.6 32.0 96.0



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: 63.079 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015527.D

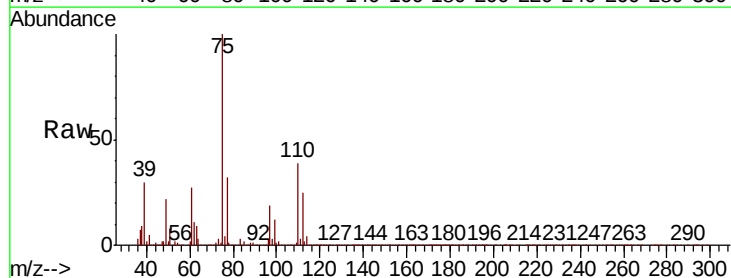
Acq: 06 Apr 2020 20:43

Tgt Ion: 75 Resp: 1156341

Ion Ratio Lower Upper

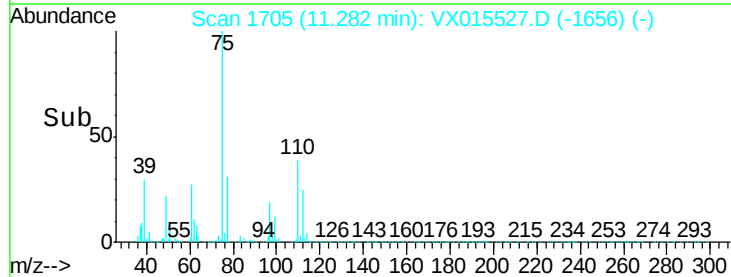
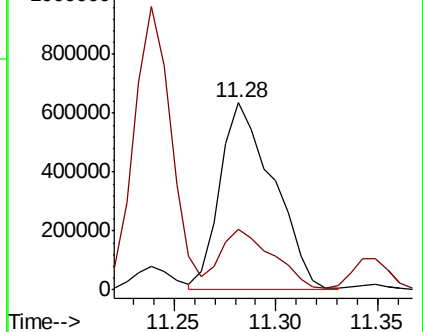
75 100

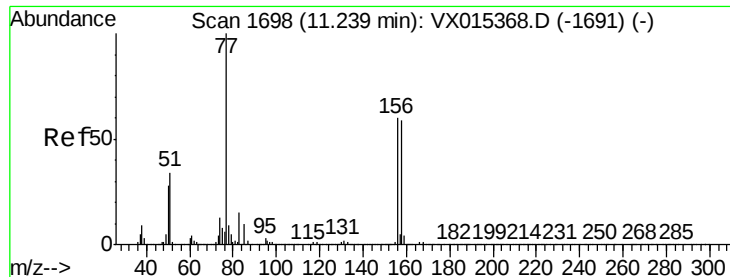
77 31.6 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.087 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

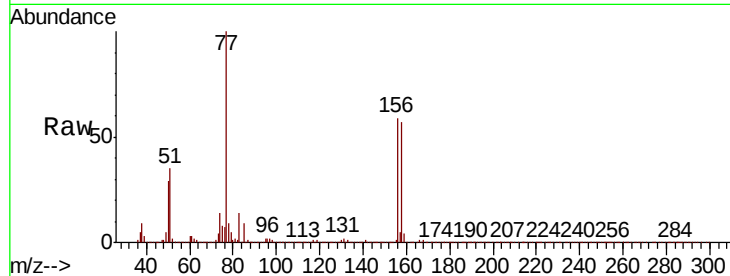
Tot Ion:156 Resp: 749185

Ion Ratio Lower Upper

156 100

77 162.4 82.2 246.5

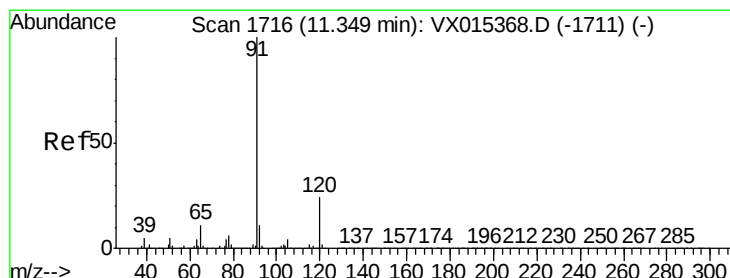
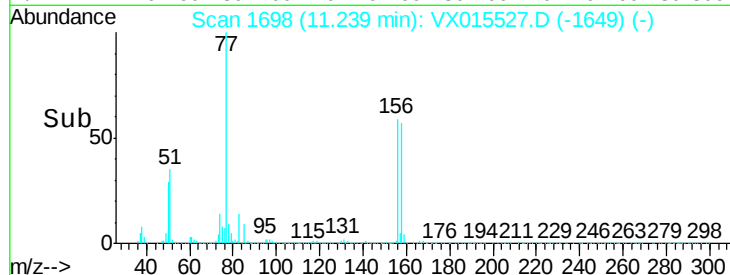
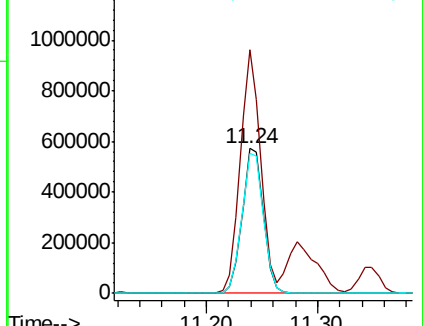
158 98.9 49.3 147.9



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: 49.149 ug/l

RT: 11.35 min Scan# 1716

Delta R.T. 0.00 min

Lab File: VX015527.D

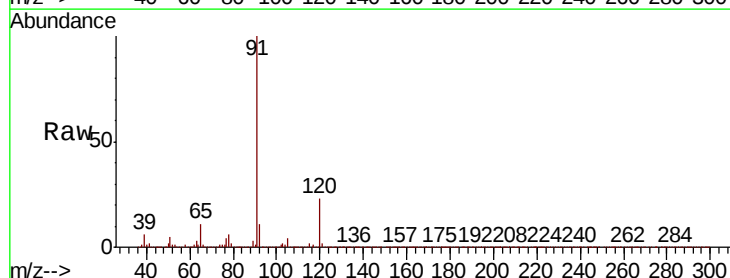
Acq: 06 Apr 2020 20:43

Tgt Ion: 91 Resp: 3282581

Ion Ratio Lower Upper

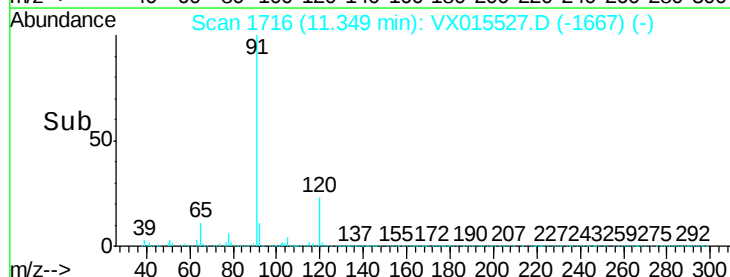
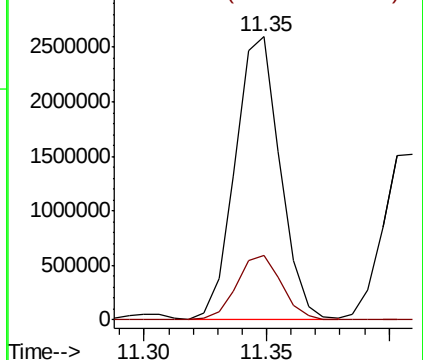
91 100

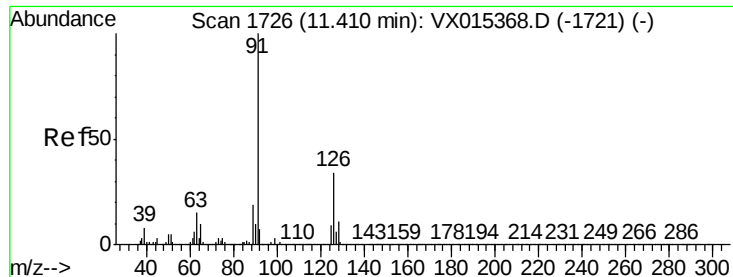
120 23.0 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

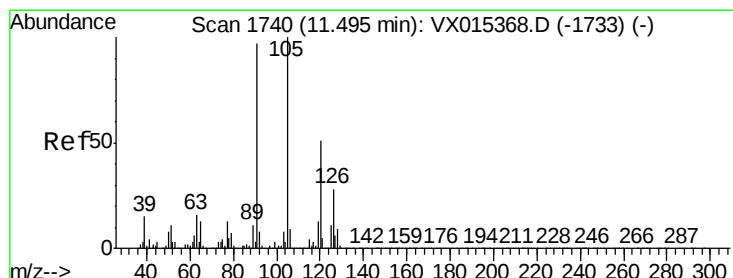
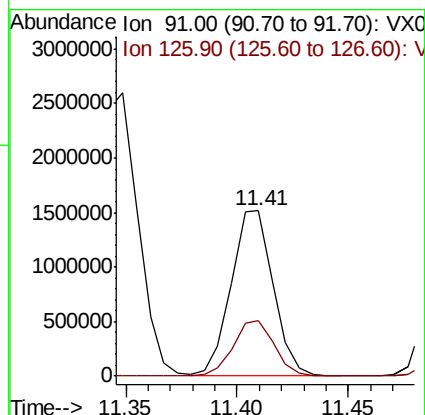
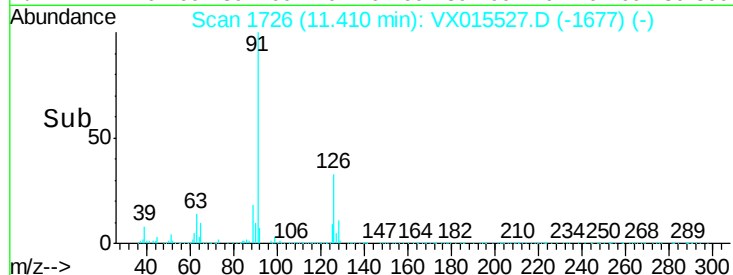
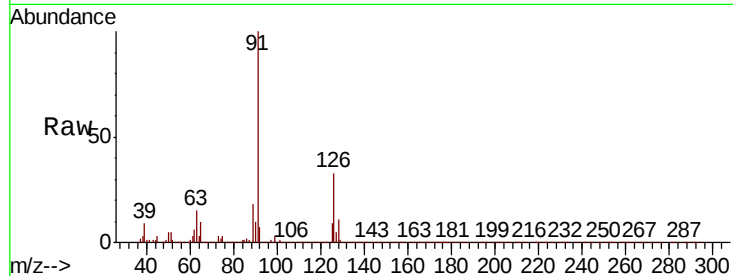




#79
 2-Chlorotoluene
 Concen: 48.635 ug/l
 RT: 11.41 min Scan# 1726
 Delta R.T. 0.00 min
 Lab File: VX015527.D
 Acq: 06 Apr 2020 20:43

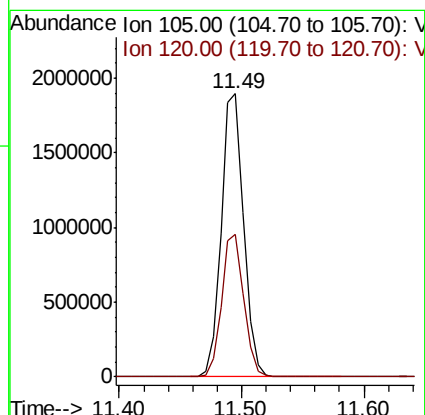
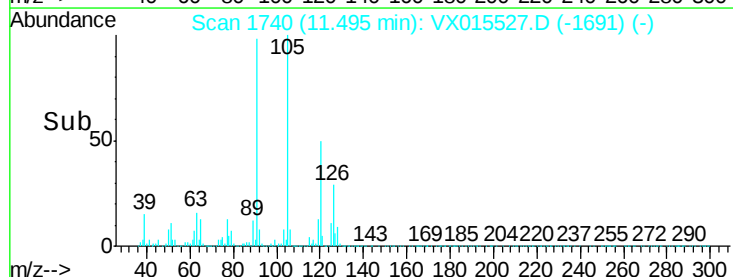
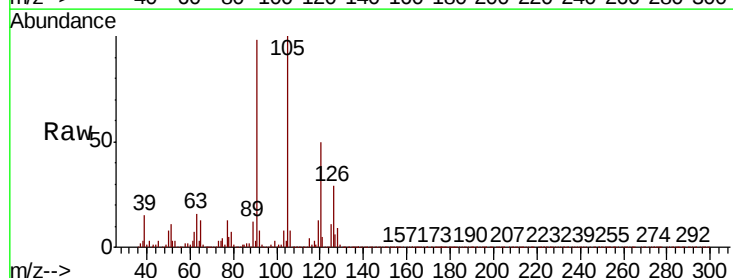
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

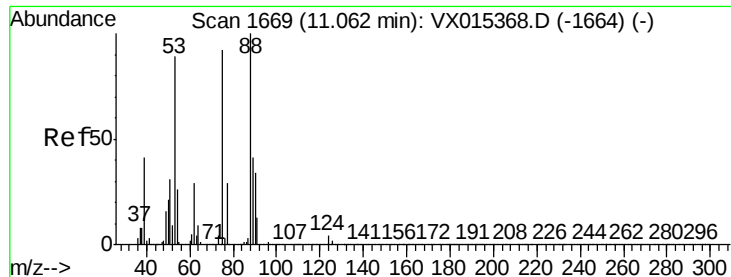
Tot Ion: 91 Resp: 1990956
 Ion Ratio Lower Upper
 91 100
 126 32.8 16.5 49.5



#80
 1,3,5-Trimethylbenzene
 Concen: 48.331 ug/l
 RT: 11.49 min Scan# 1740
 Delta R.T. 0.00 min
 Lab File: VX015527.D
 Acq: 06 Apr 2020 20:43

Tgt Ion: 105 Resp: 2410878
 Ion Ratio Lower Upper
 105 100
 120 49.8 24.8 74.4

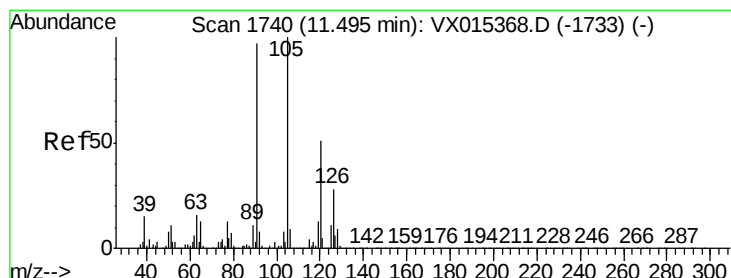
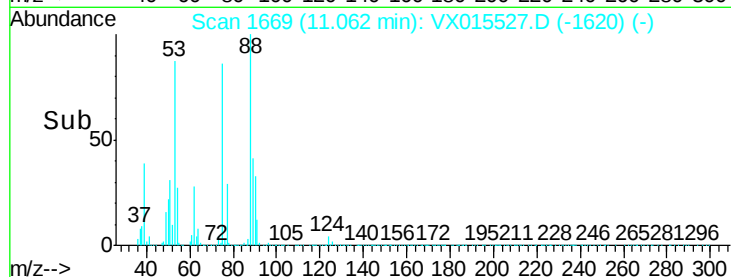
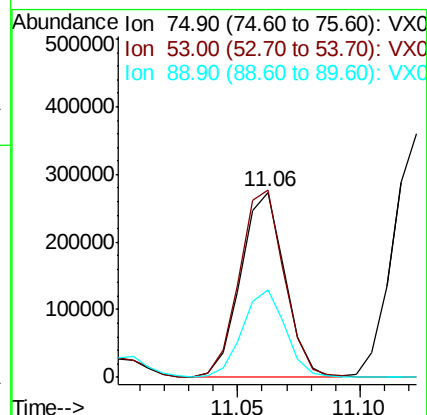
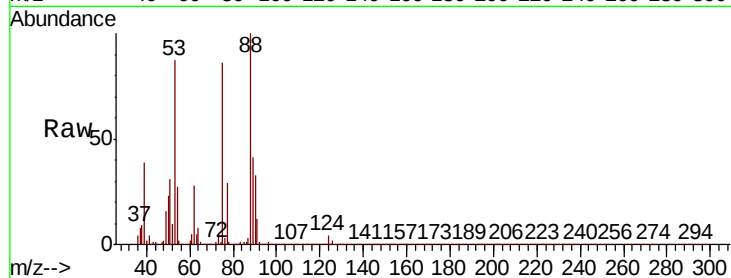




#81
trans-1,4-Dichloro-2-butene
Concen: 44.821 ug/l
RT: 11.06 min Scan# 1669
Delta R.T. 0.00 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

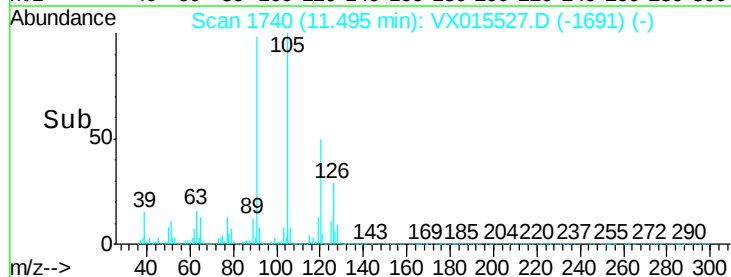
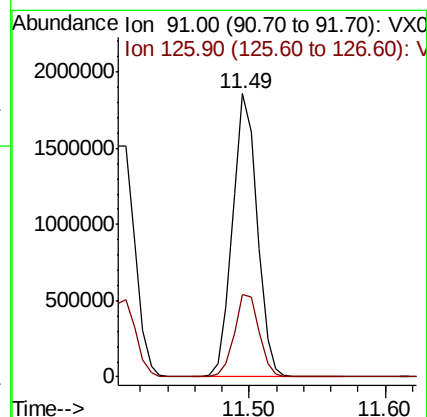
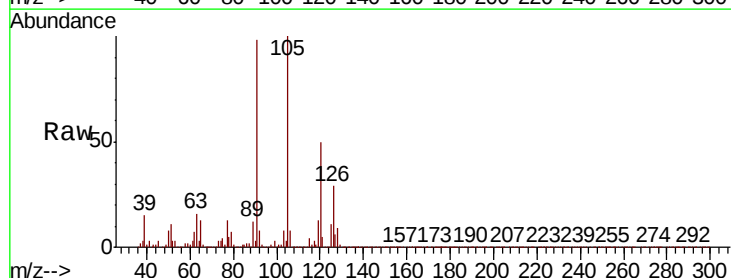
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

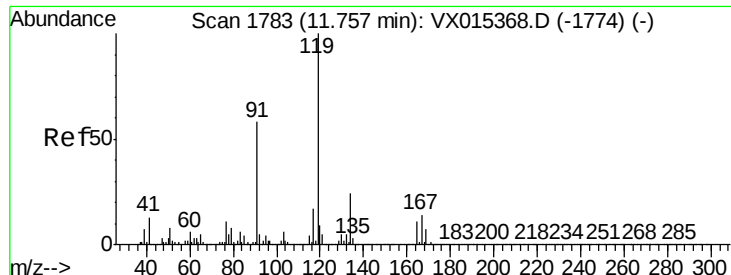
Tot Ion: 75 Resp: 342428
Ion Ratio Lower Upper
75 100
53 102.9 80.1 120.1
89 46.3 36.1 54.1



#82
4-Chlorotoluene
Concen: 48.728 ug/l
RT: 11.49 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

Tgt Ion: 91 Resp: 2338465
Ion Ratio Lower Upper
91 100
126 29.3 14.7 44.1

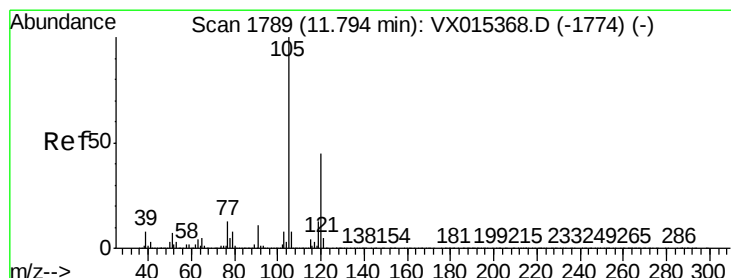
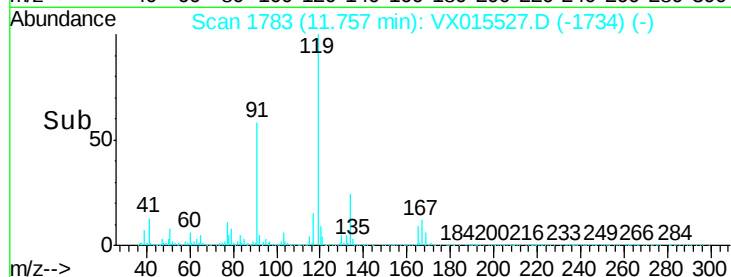
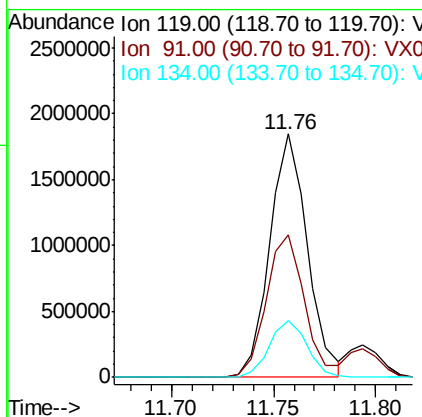
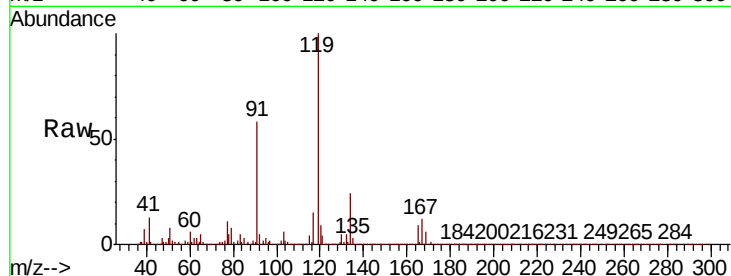




#83
tert-Butylbenzene
Concen: 48.904 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

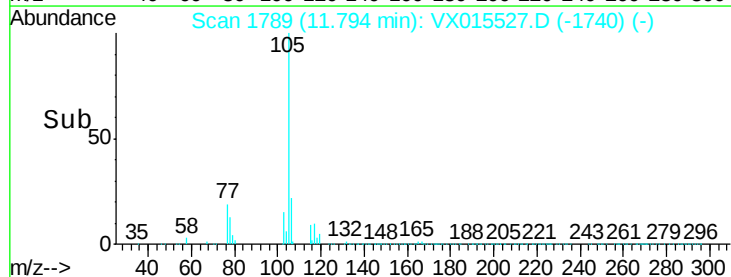
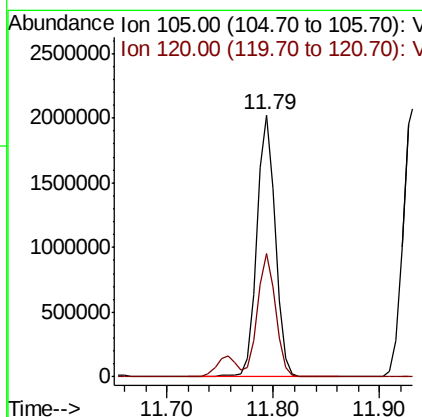
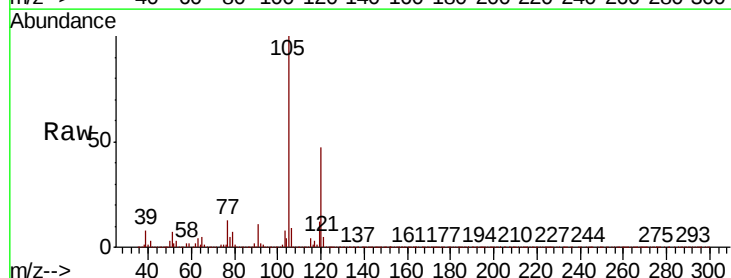
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

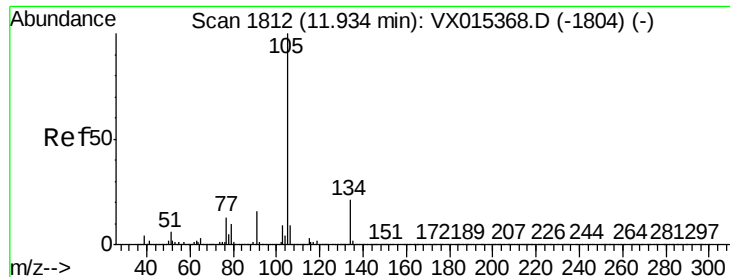
Tot Ion:119 Resp: 2382845
Ion Ratio Lower Upper
119 100
91 59.4 28.6 85.8
134 23.4 11.8 35.3



#84
1,2,4-Trimethylbenzene
Concen: 48.148 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

Tgt Ion:105 Resp: 2447485
Ion Ratio Lower Upper
105 100
120 46.0 22.7 68.1





#85

sec-Butylbenzene

Concen: 49.566 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

Instrument :

MSVOA_X

ClientSampleId :

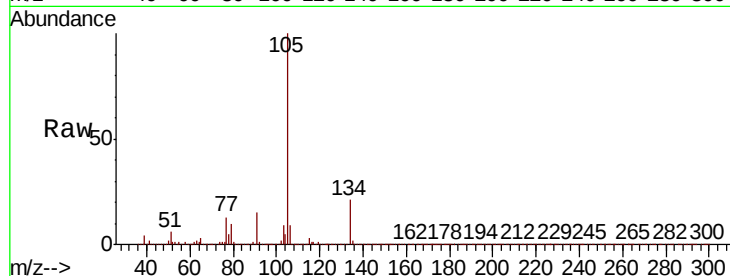
VSTDCCC050EC

Tot Ion:105 Resp: 2793168

Ion Ratio Lower Upper

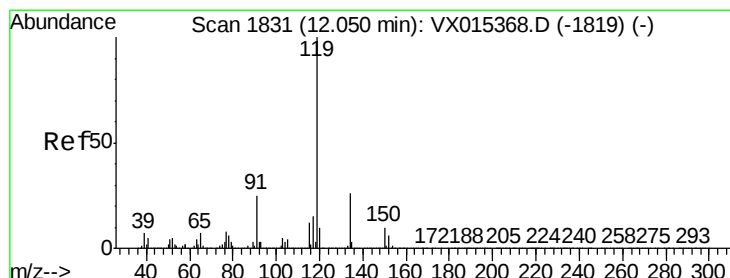
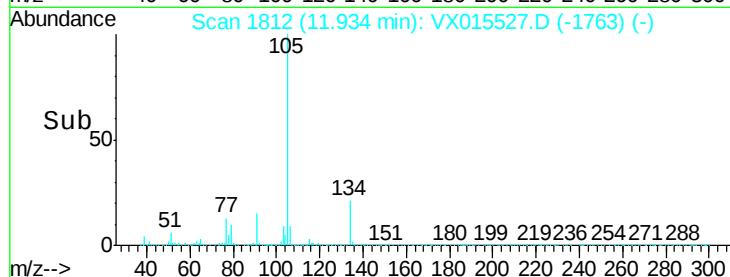
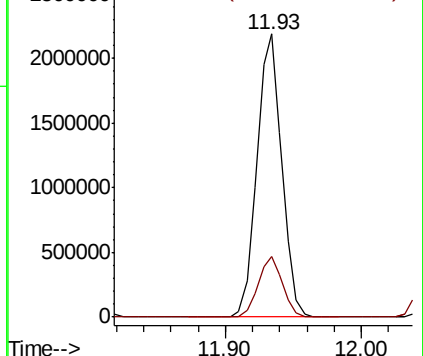
105 100

134 20.9 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.295 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

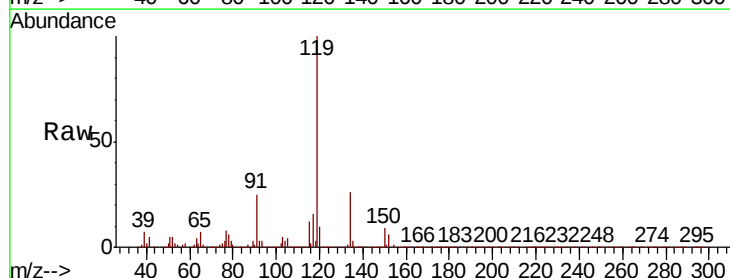
Tgt Ion:119 Resp: 2631161

Ion Ratio Lower Upper

119 100

134 25.5 13.1 39.3

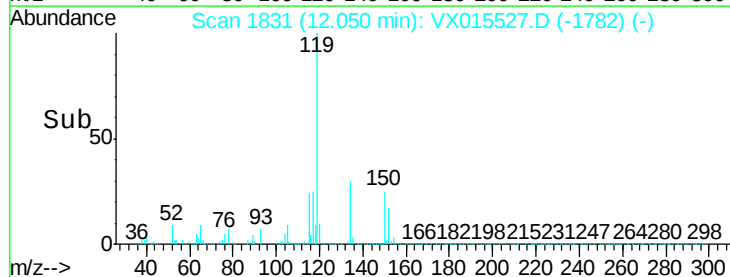
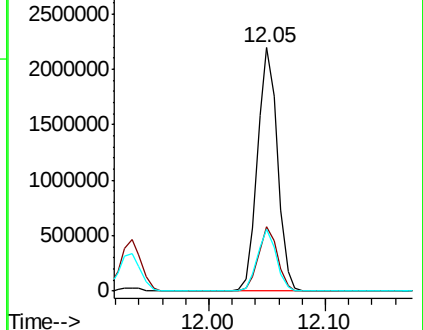
91 24.3 12.4 37.4

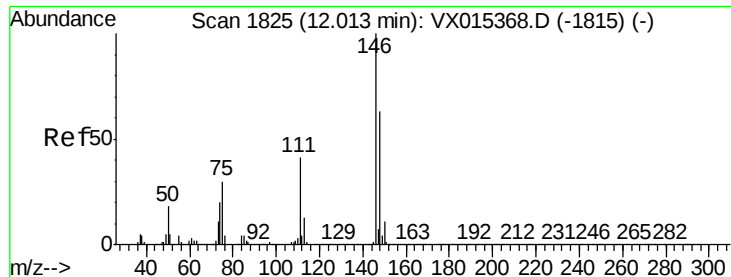


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 49.774 ug/l

RT: 12.01 min Scan# 1825

Delta R.T. 0.00 min

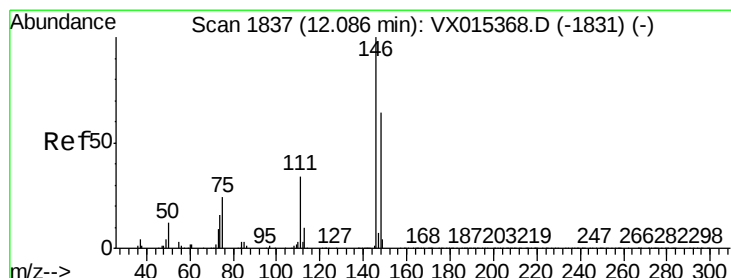
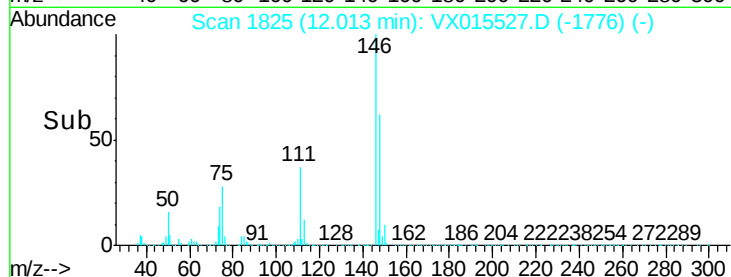
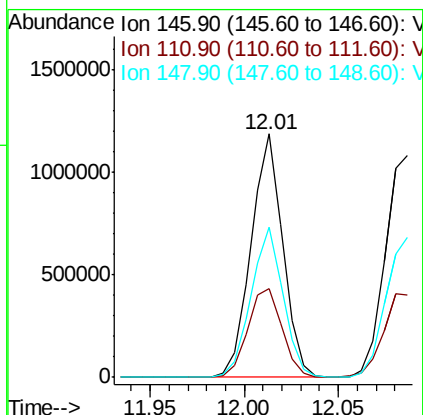
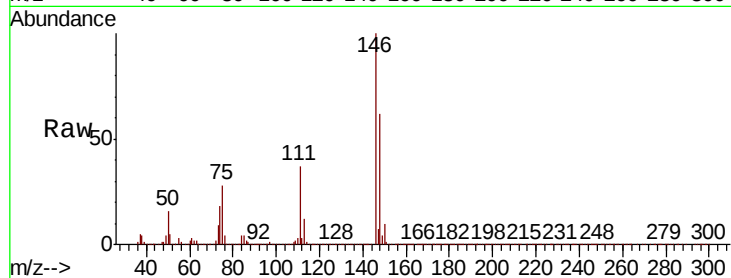
Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:146 Resp: 1388240

Ion	Ratio	Lower	Upper
146	100		
111	39.4	20.3	60.9
148	62.3	31.3	93.9



#88

1,4-Dichlorobenzene

Concen: 47.950 ug/l

RT: 12.09 min Scan# 1837

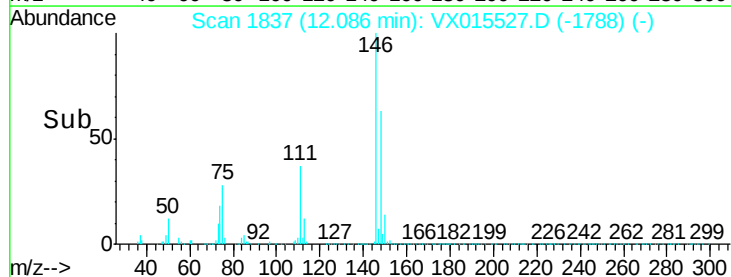
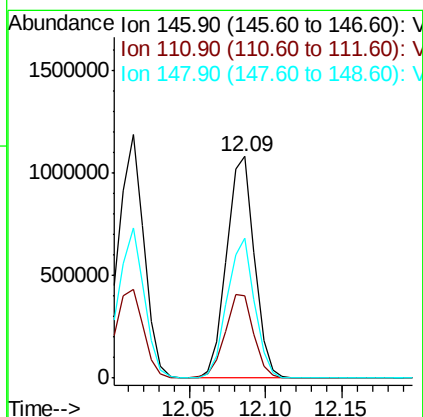
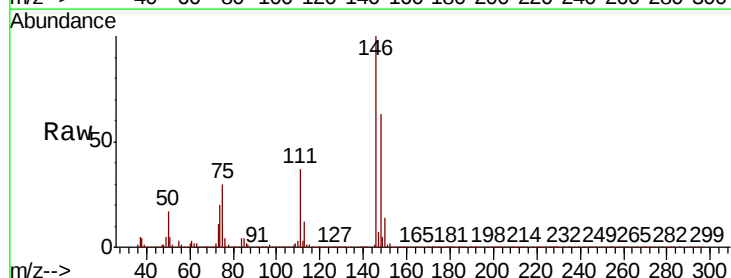
Delta R.T. 0.00 min

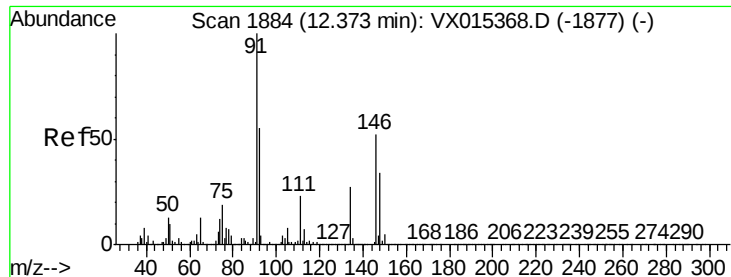
Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

Tgt Ion:146 Resp: 1362246

Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.1	57.5
148	62.2	32.4	97.2

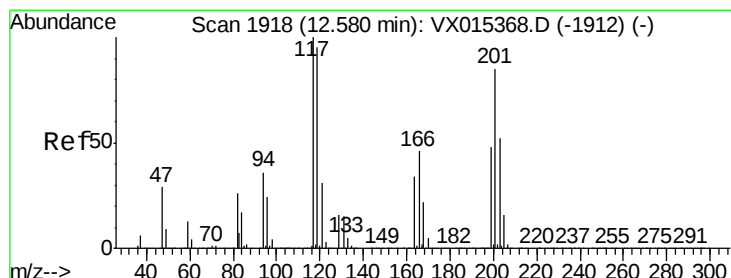
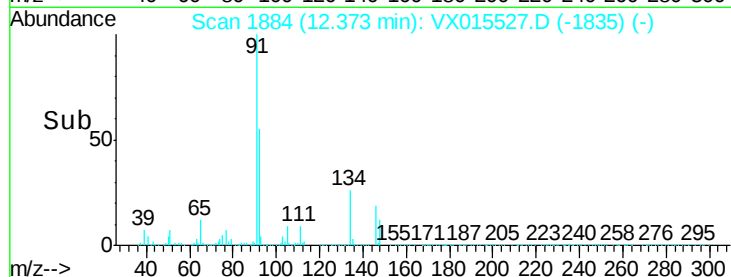
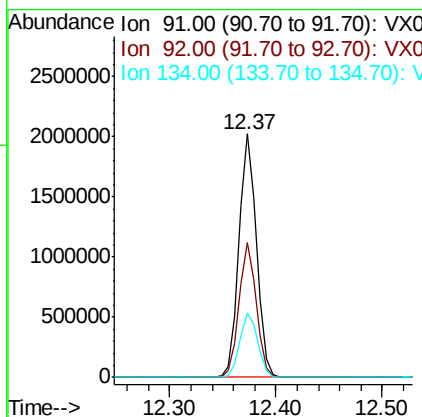
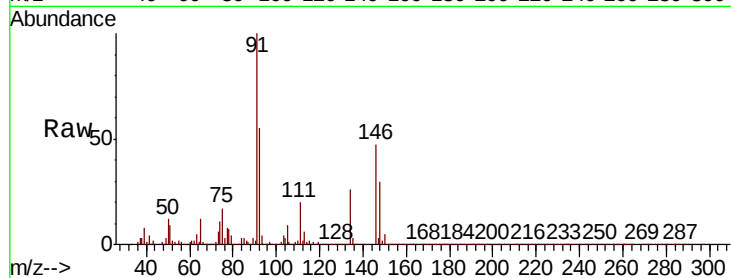




#89
n-Butylbenzene
Concen: 49.359 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

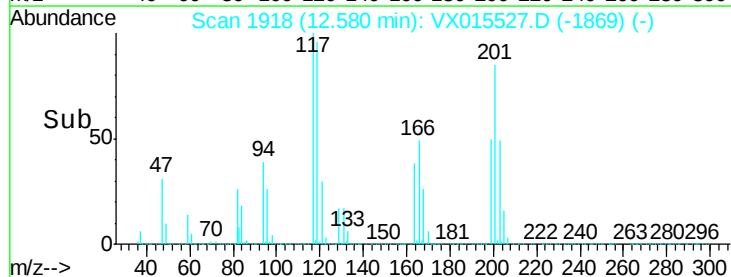
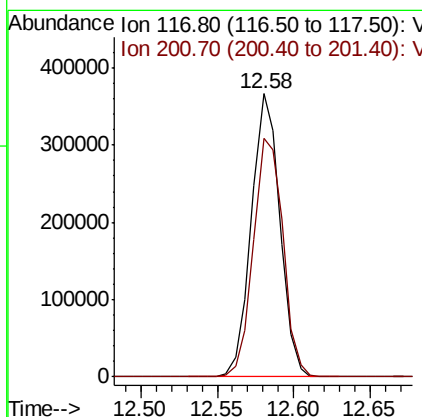
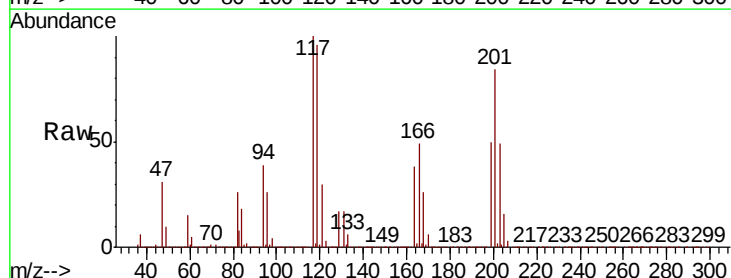
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

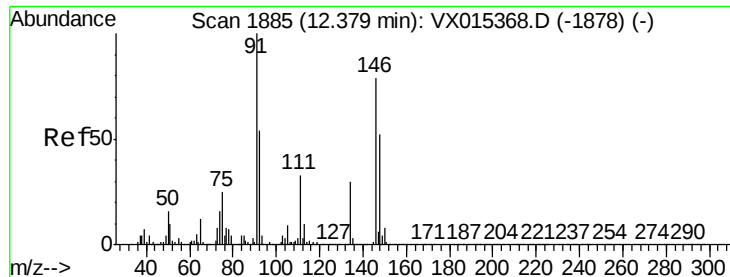
Tot Ion: 91 Resp: 2333483
Ion Ratio Lower Upper
91 100
92 54.7 27.2 81.5
134 27.0 13.4 40.2



#90
Hexachloroethane
Concen: 46.693 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

Tgt Ion: 117 Resp: 475449
Ion Ratio Lower Upper
117 100
201 87.9 42.6 128.0





#91

1,2-Dichlorobenzene

Concen: 49.116 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

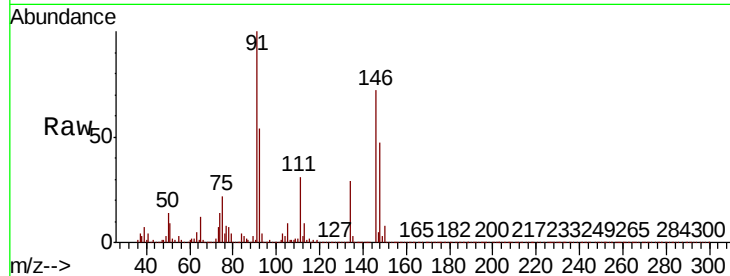
Tot Ion:146 Resp: 1340627

Ion Ratio Lower Upper

146 100

111 41.9 21.0 63.0

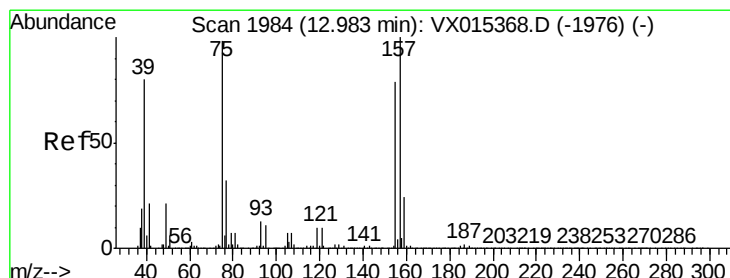
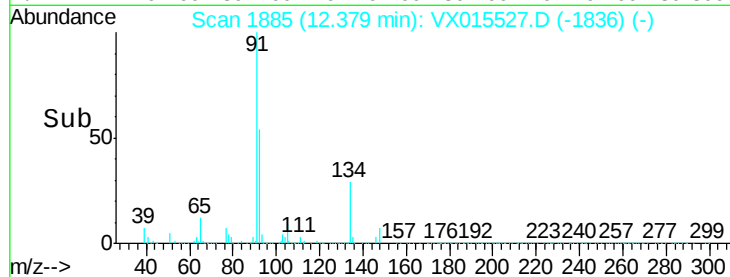
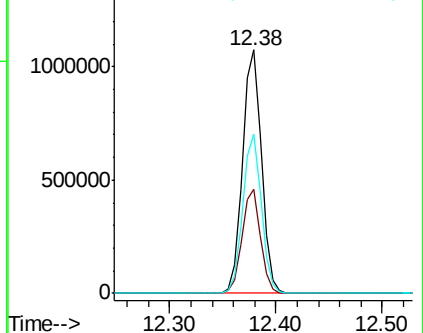
148 64.3 32.4 97.0



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: 43.927 ug/l

RT: 12.98 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

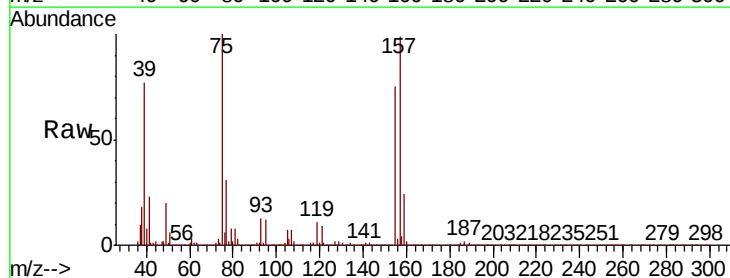
Tgt Ion: 75 Resp: 248489

Ion Ratio Lower Upper

75 100

155 82.5 42.8 128.4

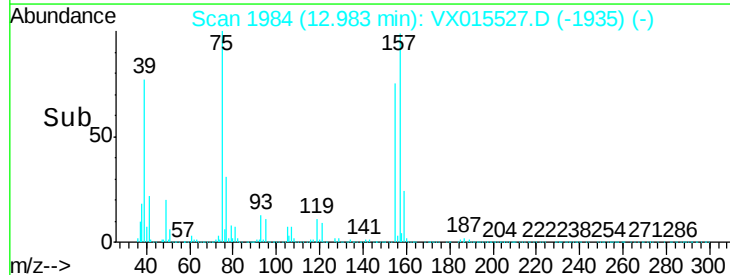
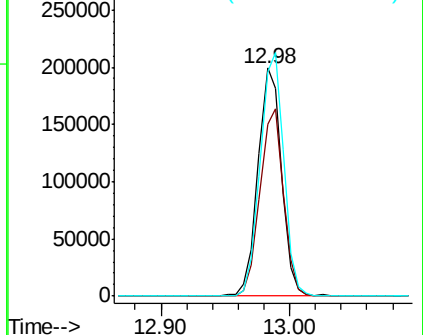
157 107.2 53.4 160.3

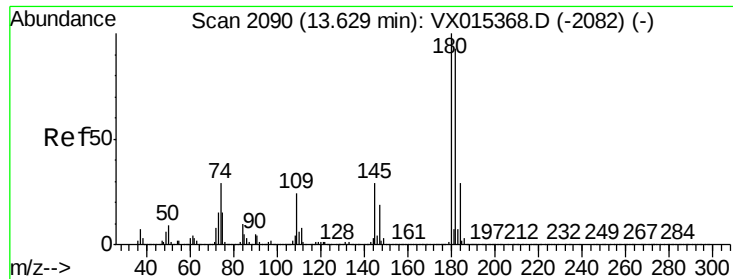


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

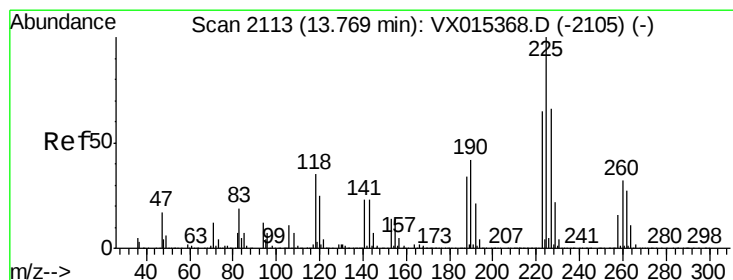
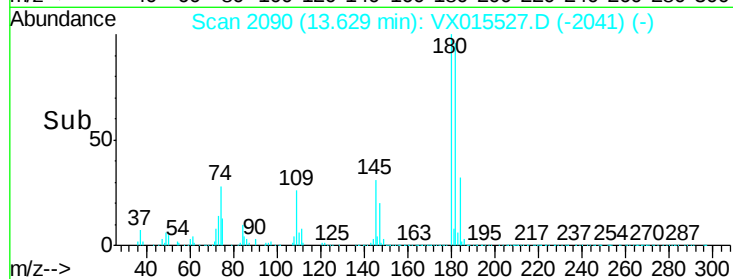
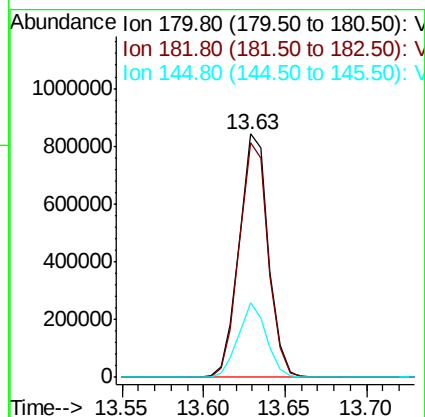
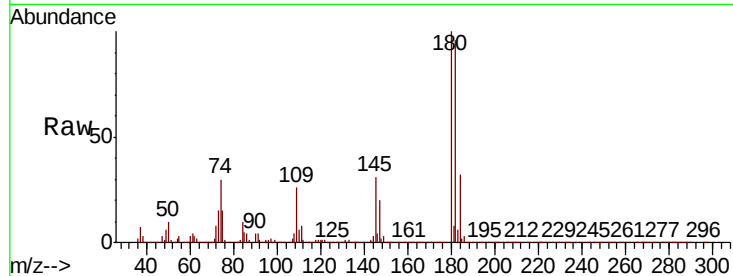




#93
 1,2,4-Trichlorobenzene
 Concen: 48.505 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015527.D
 Acq: 06 Apr 2020 20:43

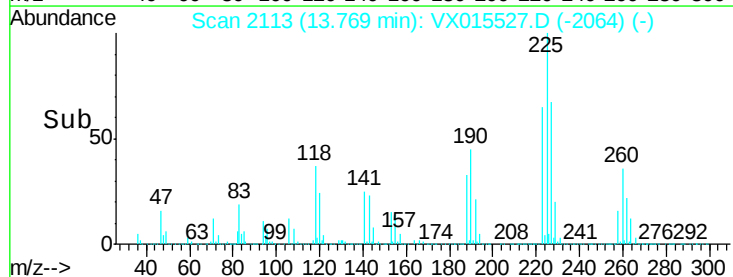
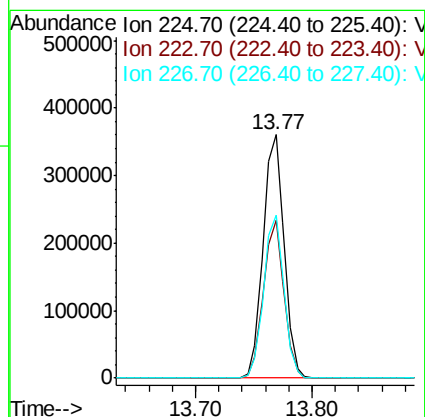
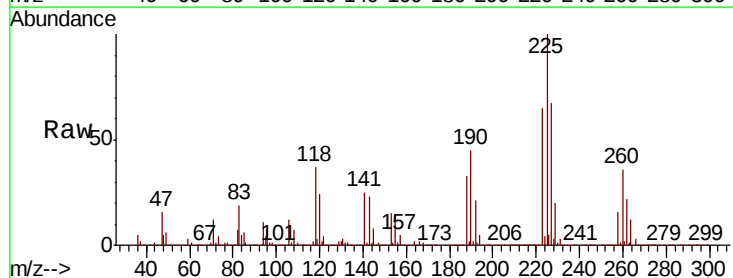
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 1047228
 Ion Ratio Lower Upper
 180 100
 182 96.3 46.9 140.7
 145 29.3 14.9 44.5



#94
 Hexachlorobutadiene
 Concen: 43.951 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015527.D
 Acq: 06 Apr 2020 20:43

Tgt Ion:225 Resp: 451790
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.9 95.7
 227 65.1 30.4 91.3

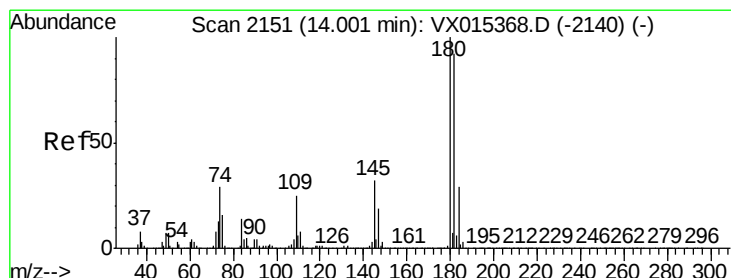
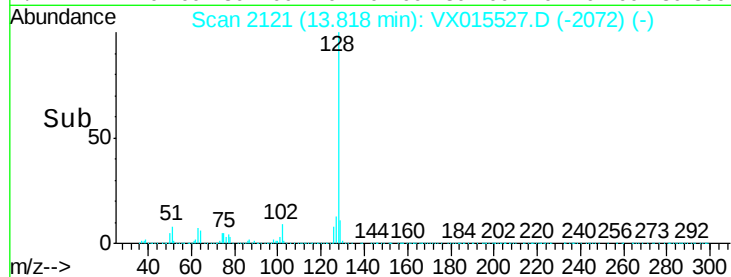
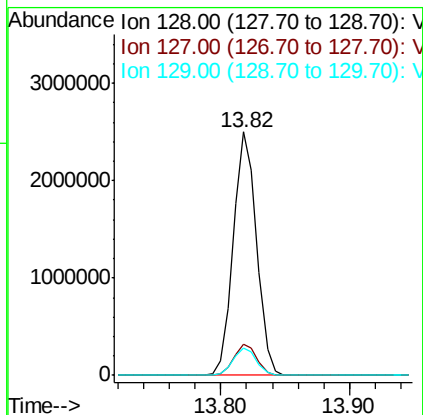
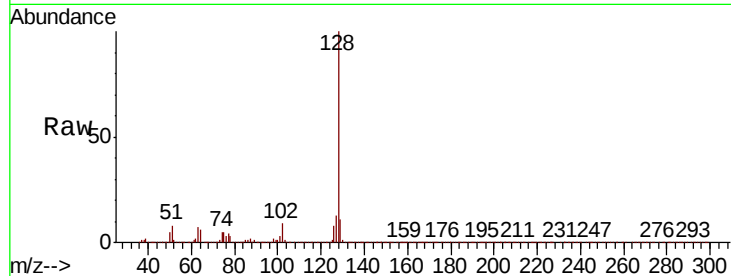




#95
Naphthalene
Concen: 47.892 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 3154078
Ion Ratio Lower Upper
128 100
127 12.8 10.6 15.8
129 11.1 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 49.644 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.01 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

Tgt Ion:180 Resp: 1031948
Ion Ratio Lower Upper
180 100
182 95.2 46.7 140.0
145 31.0 15.8 47.3

