

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041620\
 Data File : VX015728.D
 Acq On : 16 Apr 2020 21:17
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 17 06:56:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1017755	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1486854	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1385909	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	772764	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	624084	43.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.96%	
35) Dibromofluoromethane	5.47	113	498485	52.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.90%	
50) Toluene-d8	8.70	98	1837049	52.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.00%	
62) 4-Bromofluorobenzene	11.12	95	733770	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	364203	40.618	ug/l	98
3) Chloromethane	1.31	50	452781	39.652	ug/l	99
4) Vinyl Chloride	1.39	62	465758	44.421	ug/l	98
5) Bromomethane	1.62	94	231255	47.431	ug/l	100
6) Chloroethane	1.70	64	293860	45.189	ug/l	99
7) Trichlorofluoromethane	1.92	101	643719	45.779	ug/l	99
8) Diethyl Ether	2.17	74	266964	45.012	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	432573	47.190	ug/l	96
10) Methyl Iodide	2.49	142	500017	40.458	ug/l	96
11) Tert butyl alcohol	3.01	59	655412	190.760	ug/l	100
12) 1,1-Dichloroethene	2.36	96	424378	44.166	ug/l	99
13) Acrolein	2.27	56	594082	303.540	ug/l	100
14) Allyl chloride	2.71	41	901998	40.175	ug/l	99
15) Acrylonitrile	3.12	53	1428778	218.058	ug/l	99
16) Acetone	2.42	43	1252081	203.031	ug/l	97
17) Carbon Disulfide	2.55	76	1095998	37.391	ug/l	100
18) Methyl Acetate	2.75	43	698247	44.362	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	1626666	43.650	ug/l	99
20) Methylene Chloride	2.84	84	502053	43.585	ug/l	92
21) trans-1,2-Dichloroethene	3.14	96	470481	44.119	ug/l	99
22) Diisopropyl ether	3.83	45	1751003	44.013	ug/l	95
23) Vinyl Acetate	3.79	43	7638145	212.050	ug/l	100
24) 1,1-Dichloroethane	3.67	63	903605	43.138	ug/l	98
25) 2-Butanone	4.64	43	2060378	207.747	ug/l	100
26) 2,2-Dichloropropane	4.55	77	689706	40.114	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	557970	45.226	ug/l	97
28) Bromochloromethane	4.98	49	432867	43.282	ug/l	92
29) Tetrahydrofuran	5.09	42	1322290	207.390	ug/l	97
30) Chloroform	5.18	83	898799	44.599	ug/l	96
31) Cyclohexane	5.55	56	774915	42.645	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	806666	44.230	ug/l	99
36) 1,1-Dichloropropene	5.77	75	664209	48.483	ug/l	98
37) Ethyl Acetate	4.80	43	803000	45.016	ug/l	100
38) Carbon Tetrachloride	5.76	117	708616	47.756	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	761624	48.217	ug/l	98
40) Benzene	6.12	78	1963212	48.921	ug/l	99
41) Methacrylonitrile	5.00	41	457421	46.194	ug/l	98
42) 1,2-Dichloroethane	6.17	62	754780	46.824	ug/l	98
43) Isopropyl Acetate	6.42	43	1368930	45.461	ug/l	99
44) Trichloroethene	7.19	130	563046	51.446	ug/l	94
45) 1,2-Dichloropropane	7.49	63	531684	48.432	ug/l	98
46) Dibromomethane	7.64	93	348872	48.446	ug/l	93
47) Bromodichloromethane	7.88	83	732946	47.766	ug/l	95
48) Methyl methacrylate	7.75	41	674000	44.811	ug/l	95
49) 1,4-Dioxane	7.72	88	276602	985.802	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	4077218	238.919	ug/l	99
52) Toluene	8.77	92	1260694	50.955	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	810053	45.012	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	865954	47.237	ug/l	94
55) 1,1,2-Trichloroethane	9.20	97	522901	51.585	ug/l	98
56) Ethyl methacrylate	9.16	69	859133	48.092	ug/l	95
57) 1,3-Dichloropropane	9.36	76	895470	49.032	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	2126490	244.723	ug/l	97
59) 2-Hexanone	9.48	43	3079507	239.019	ug/l	97
60) Dibromochloromethane	9.57	129	596857	49.001	ug/l	98
61) 1,2-Dibromoethane	9.65	107	556142	50.458	ug/l	100
64) Tetrachloroethene	9.32	164	543255	51.941	ug/l	97
65) Chlorobenzene	10.12	112	1402513	50.744	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	556530	50.401	ug/l	99
67) Ethyl Benzene	10.24	91	2452966	50.039	ug/l	98
68) m/p-Xylenes	10.34	106	1886185	103.332	ug/l	95
69) o-Xylene	10.68	106	910305	50.467	ug/l	98
70) Styrene	10.70	104	1591071	50.128	ug/l	98
71) Bromoform	10.84	173	499694	49.711	ug/l #	99
73) Isopropylbenzene	11.00	105	2441222	48.214	ug/l	98
74) N-amyl acetate	10.88	43	1167404	41.454	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	788924	45.408	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	937944	59.023	ug/l	84
77) Bromobenzene	11.24	156	669472	49.569	ug/l	93
78) n-propylbenzene	11.34	91	2742739	47.372	ug/l	99
79) 2-Chlorotoluene	11.40	91	1648931	46.466	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	2070025	47.870	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	264943	40.004	ug/l	99
82) 4-Chlorotoluene	11.49	91	1950189	46.878	ug/l	98
83) tert-Butylbenzene	11.76	119	2096195	49.628	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	2092261	47.480	ug/l	98
85) sec-Butylbenzene	11.93	105	2415038	49.438	ug/l	100
86) p-Isopropyltoluene	12.05	119	2258533	49.802	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	1205302	49.851	ug/l	96
88) 1,4-Dichlorobenzene	12.08	146	1210239	49.142	ug/l	99
89) n-Butylbenzene	12.37	91	1983484	48.399	ug/l	99
90) Hexachloroethane	12.58	117	390903	44.286	ug/l	86
91) 1,2-Dichlorobenzene	12.38	146	1199411	50.691	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	12.98	75	190458	38.839	ug/l	87

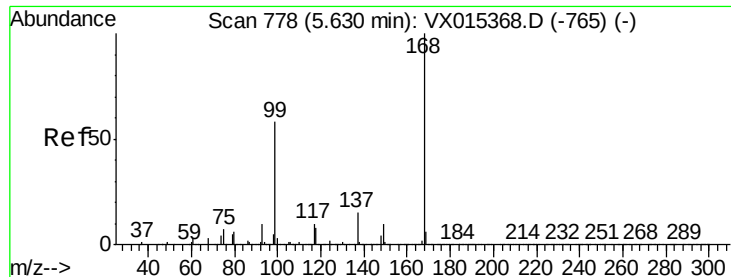
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	971685	51.917	ug/l	96
94) Hexachlorobutadiene	13.76	225	486068	54.548	ug/l	95
95) Naphthalene	13.82	128	2747981	48.134	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	989752	54.926	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. 0.00 min

Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

Instrument :

MSVOA_X

ClientSampleId :

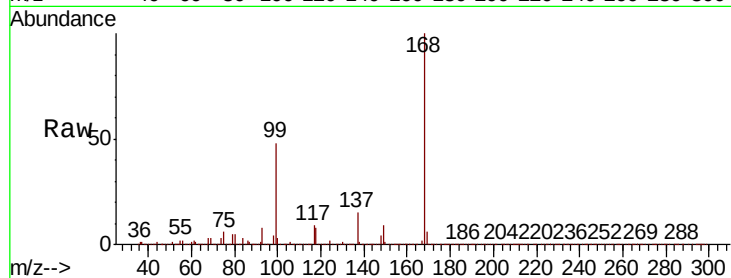
VSTDCCC050EC

Tot Ion:168 Resp: 1017755

Ion Ratio Lower Upper

168 100

99 48.2 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

400000

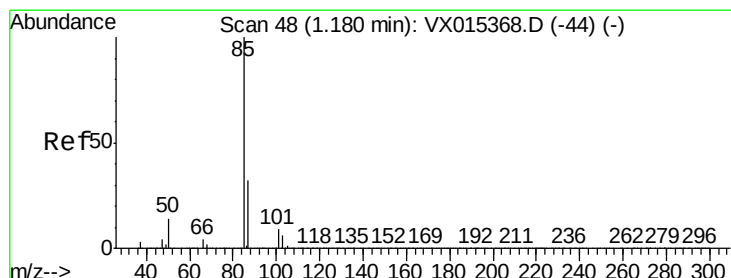
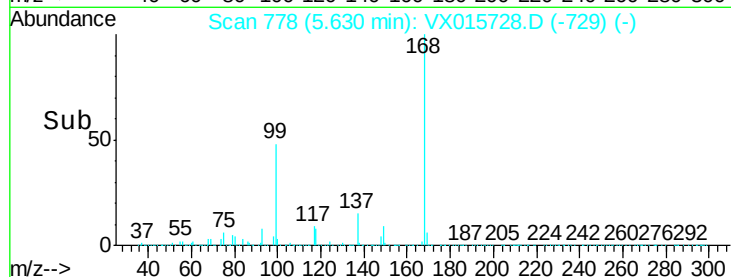
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 40.618 ug/l

RT: 1.18 min Scan# 48

Delta R.T. 0.00 min

Lab File: VX015728.D

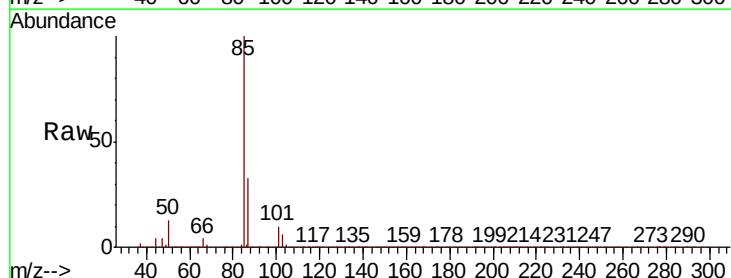
Acq: 16 Apr 2020 21:17

Tgt Ion: 85 Resp: 364203

Ion Ratio Lower Upper

85 100

87 32.8 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

400000

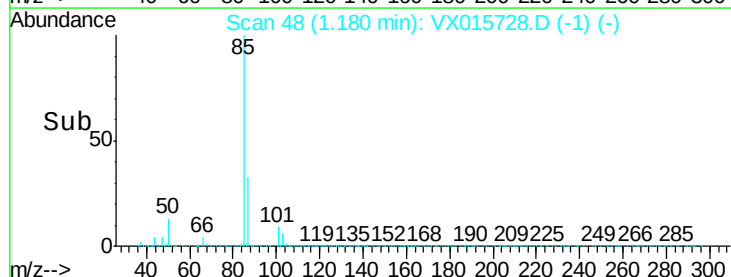
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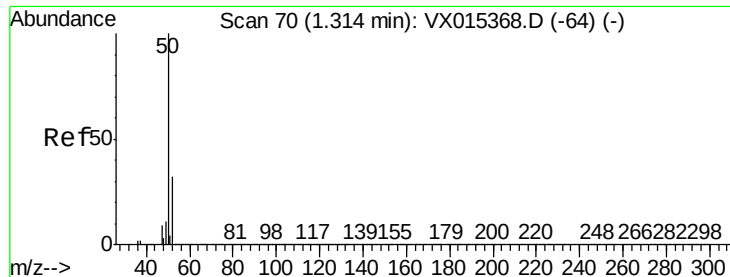
200000

100000

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Time-->





#3

Chloromethane

Concen: 39.652 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

Instrument :

MSVOA_X

ClientSampleId :

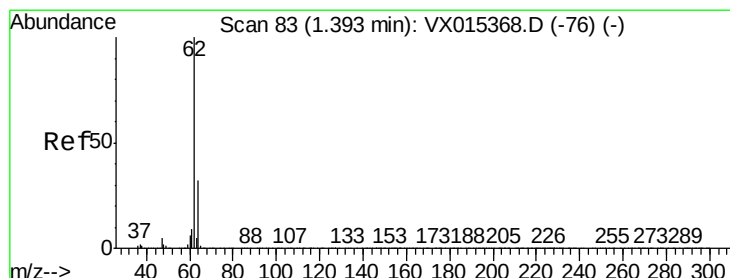
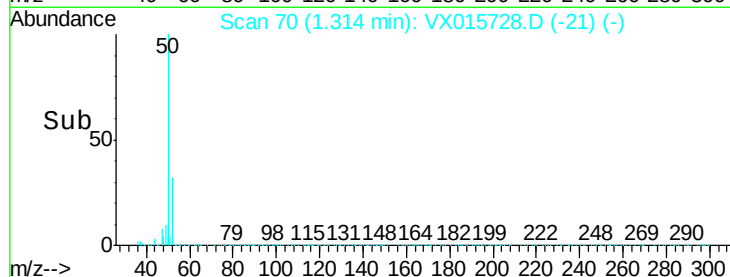
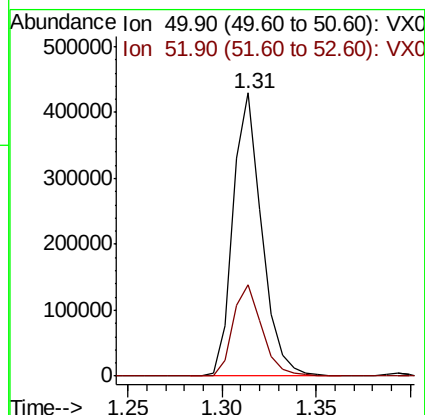
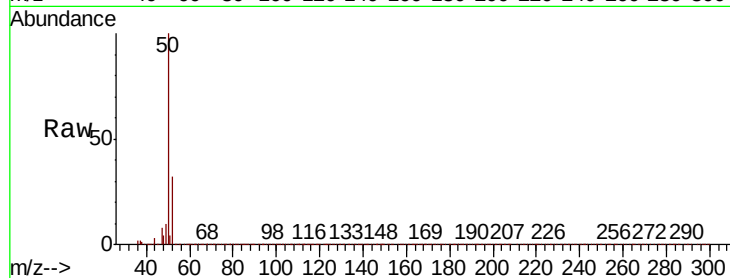
VSTDCCC050EC

Tot Ion: 50 Resp: 452781

Ion Ratio Lower Upper

50 100

52 32.3 25.3 37.9



#4

Vinyl Chloride

Concen: 44.421 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015728.D

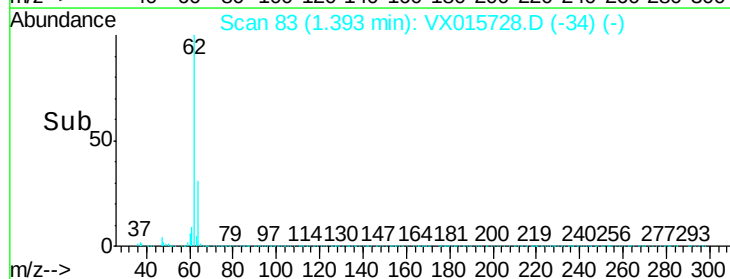
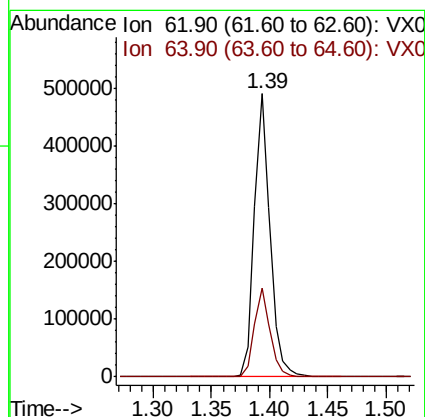
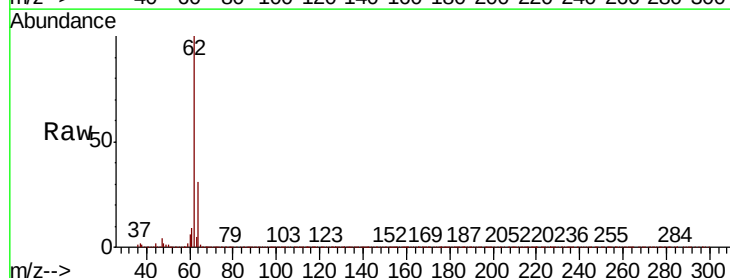
Acq: 16 Apr 2020 21:17

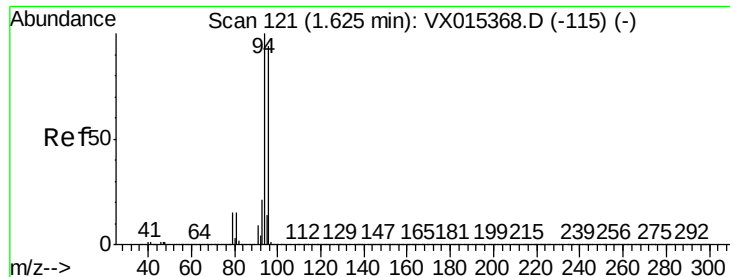
Tgt Ion: 62 Resp: 465758

Ion Ratio Lower Upper

62 100

64 31.3 26.0 39.0

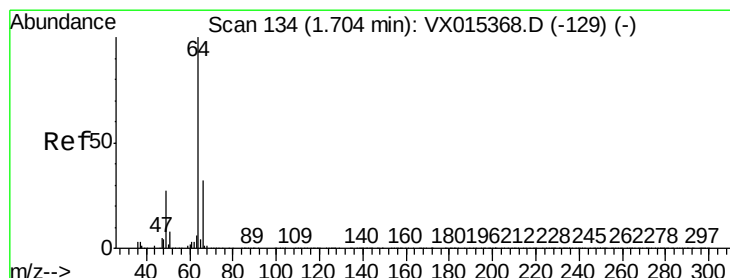
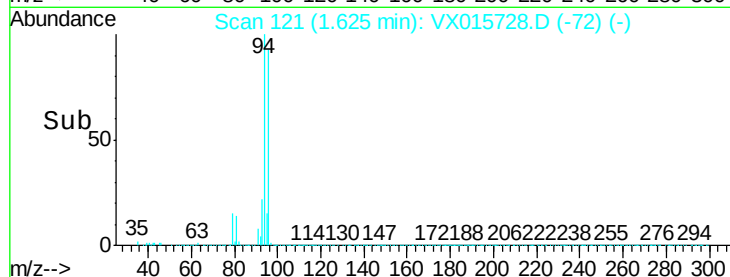
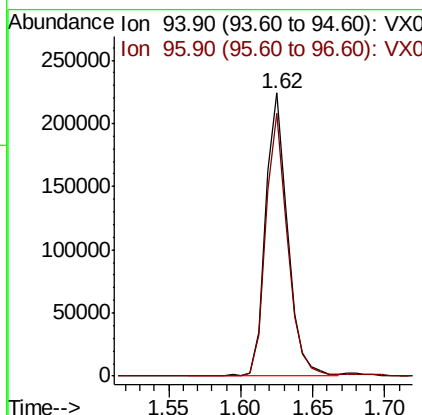
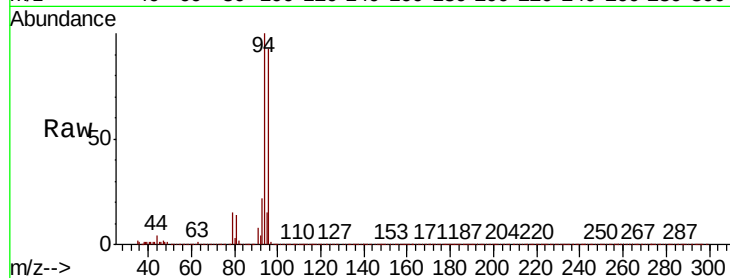




#5
 Bromomethane
 Concen: 47.431 ug/l
 RT: 1.62 min Scan# 121
 Delta R.T. 0.00 min
 Lab File: VX015728.D
 Acq: 16 Apr 2020 21:17

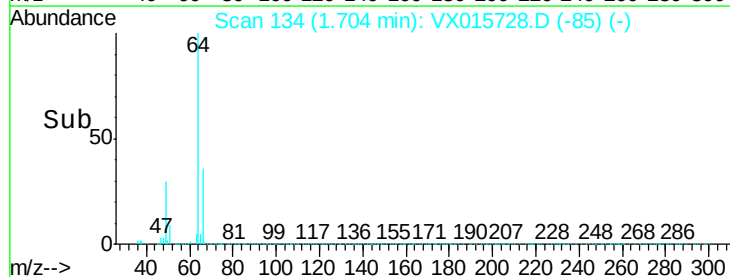
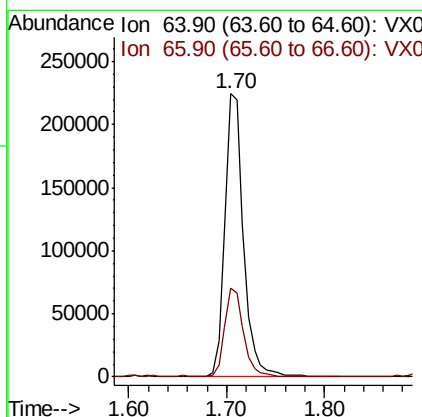
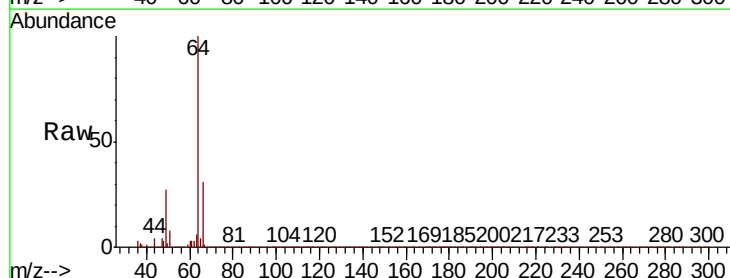
Instrument :
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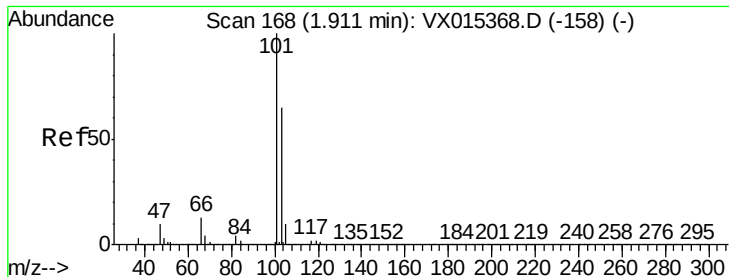
Tot Ion: 94 Resp: 231255
 Ion Ratio Lower Upper
 94 100
 96 93.2 74.8 112.2



#6
 Chloroethane
 Concen: 45.189 ug/l
 RT: 1.70 min Scan# 134
 Delta R.T. 0.00 min
 Lab File: VX015728.D
 Acq: 16 Apr 2020 21:17

Tgt Ion: 64 Resp: 293860
 Ion Ratio Lower Upper
 64 100
 66 31.2 25.4 38.2



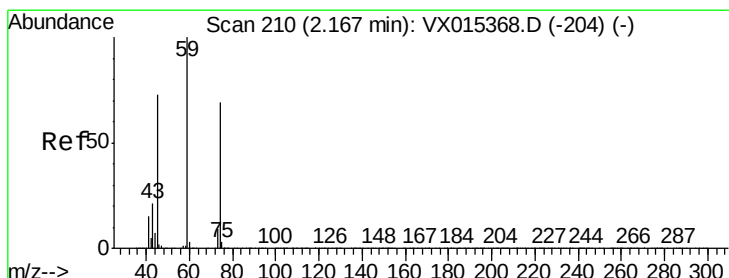
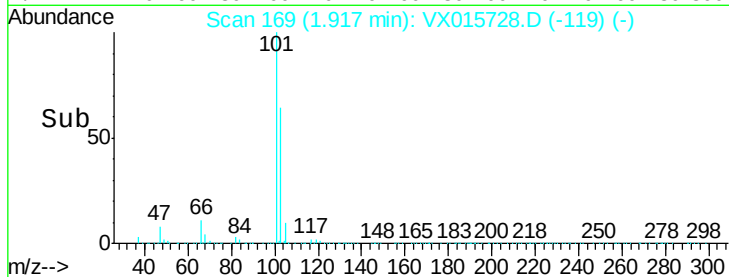
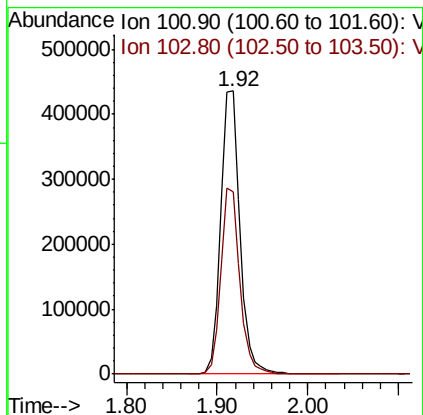
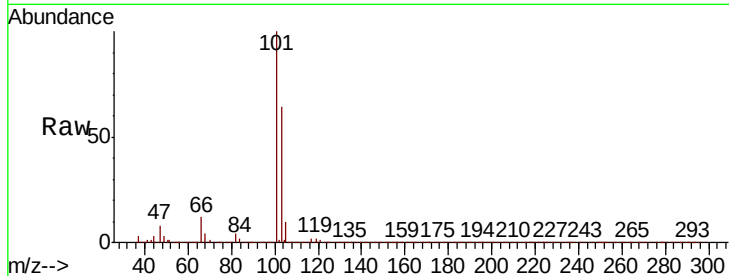


#7

Trichlorofluoromethane
 Concen: 45.779 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.01 min
 Lab File: VX015728.D
 Acq: 16 Apr 2020 21:17

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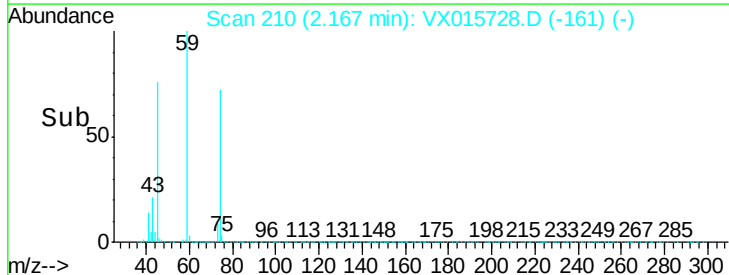
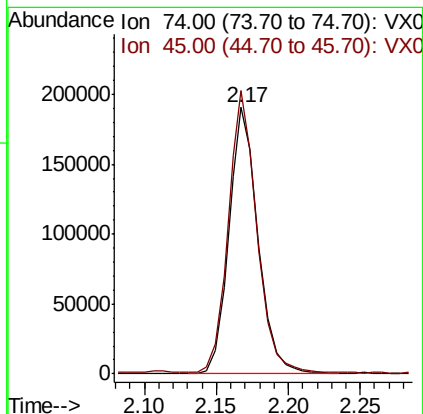
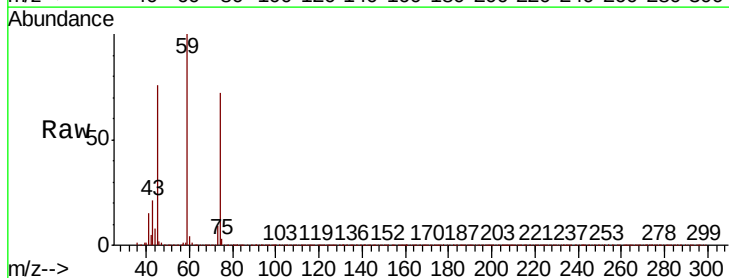
Tot Ion:101 Resp: 643719
 Ion Ratio Lower Upper
 101 100
 103 64.4 52.3 78.5

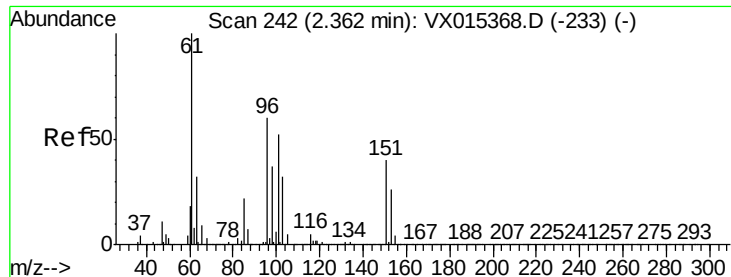


#8

Diethyl Ether
 Concen: 45.012 ug/l
 RT: 2.17 min Scan# 210
 Delta R.T. 0.00 min
 Lab File: VX015728.D
 Acq: 16 Apr 2020 21:17

Tgt Ion: 74 Resp: 266964
 Ion Ratio Lower Upper
 74 100
 45 104.5 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.190 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

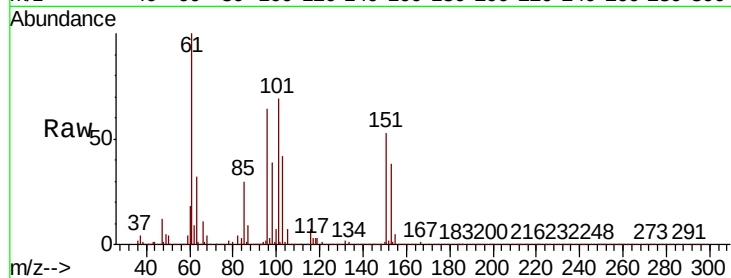
Tot Ion:101 Resp: 432573

Ion Ratio Lower Upper

101 100

85 43.0 35.0 52.4

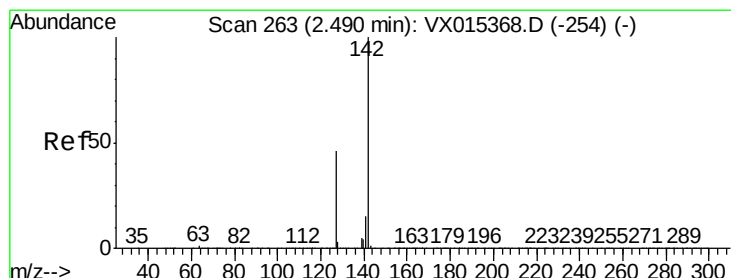
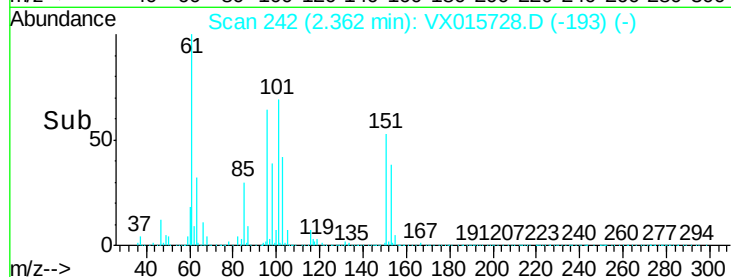
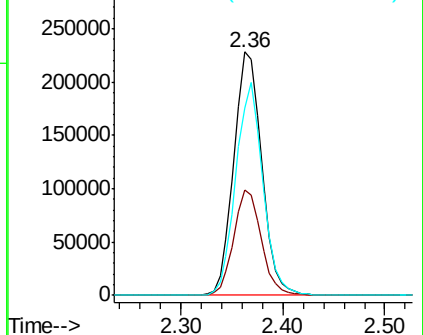
151 84.6 64.1 96.1



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: 40.458 ug/l

RT: 2.49 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

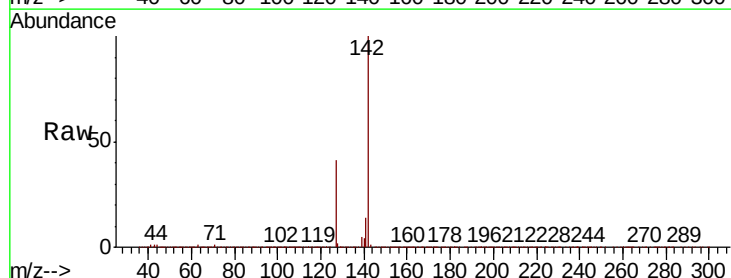
Tgt Ion:142 Resp: 500017

Ion Ratio Lower Upper

142 100

127 41.9 35.9 53.9

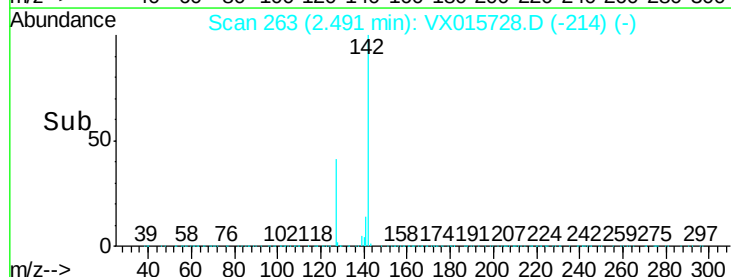
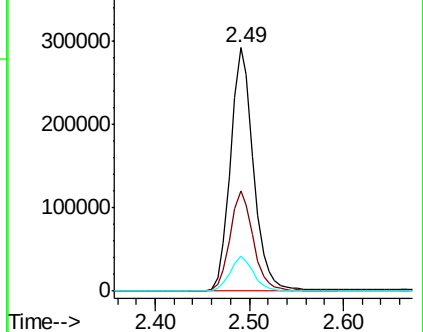
141 14.5 11.6 17.4

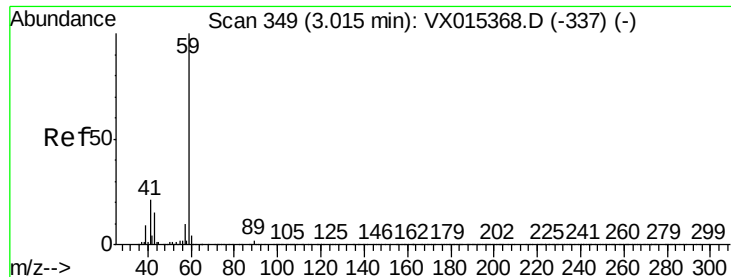


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



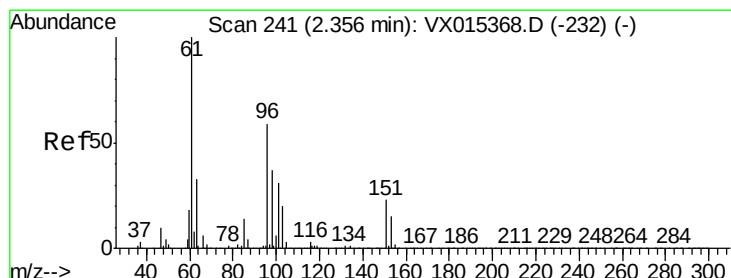
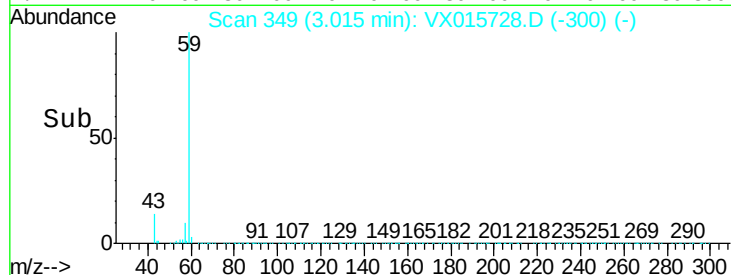
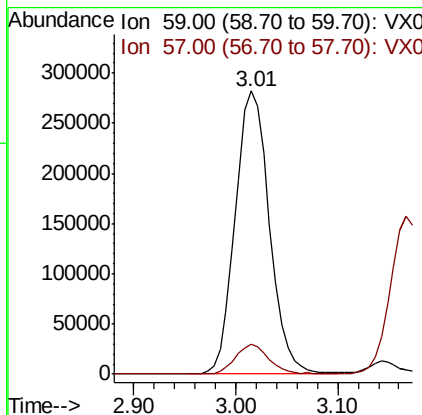
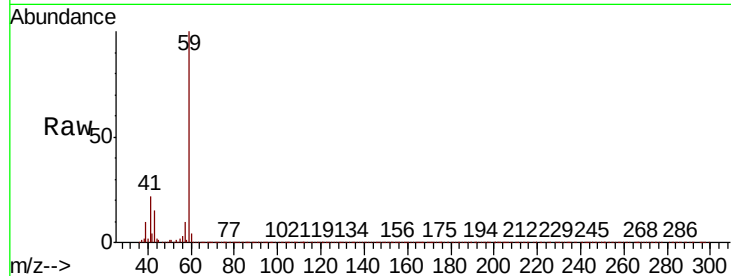


#11

Tert butyl alcohol
Concen: 190.760 ug/l
RT: 3.01 min Scan# 349
Delta R.T. 0.00 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

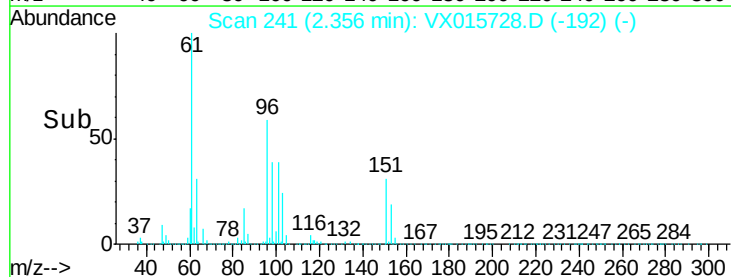
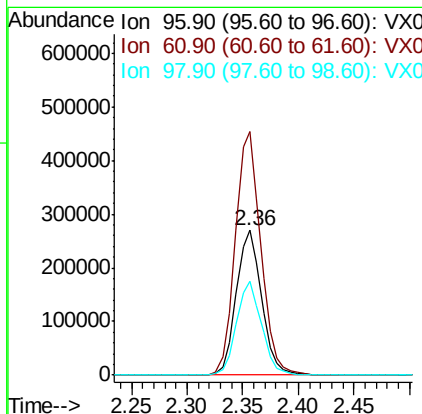
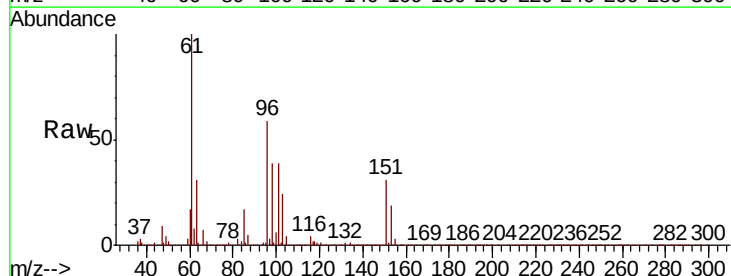
Tot Ion: 59 Resp: 655412
Ion Ratio Lower Upper
59 100
57 10.0 8.1 12.1

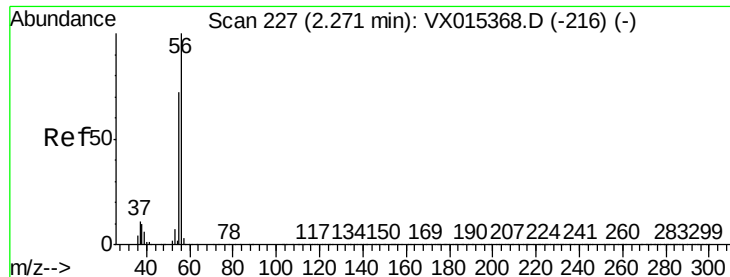


#12

1,1-Dichloroethene
Concen: 44.166 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

Tgt Ion: 96 Resp: 424378
Ion Ratio Lower Upper
96 100
61 168.4 135.7 203.5
98 65.0 50.6 75.8

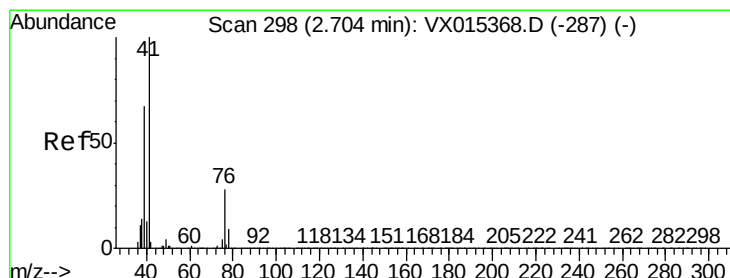
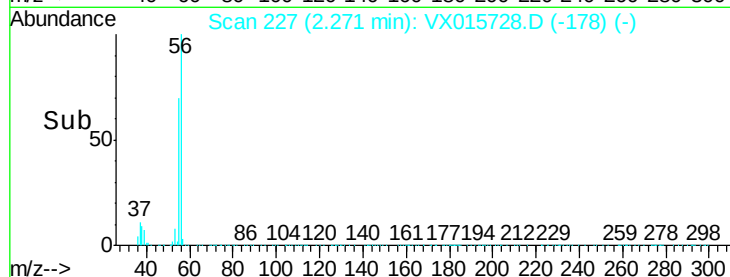
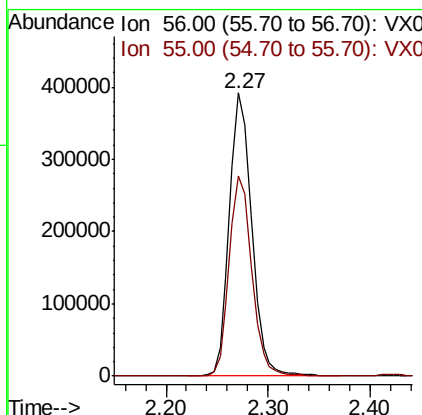
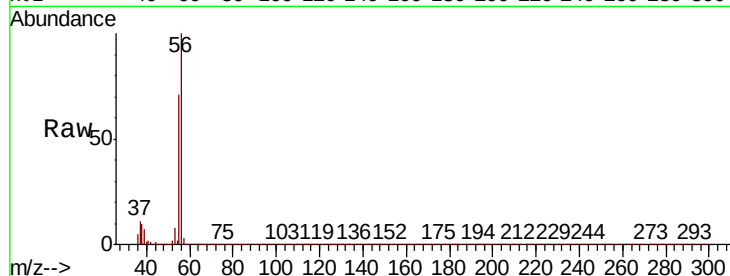




#13
Acrolein
Concen: 303.540 ug/l
RT: 2.27 min Scan# 227
Delta R.T. 0.00 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

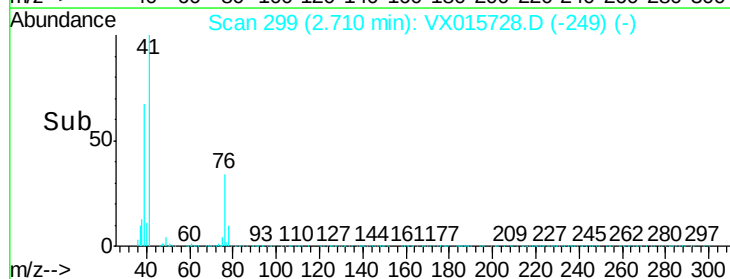
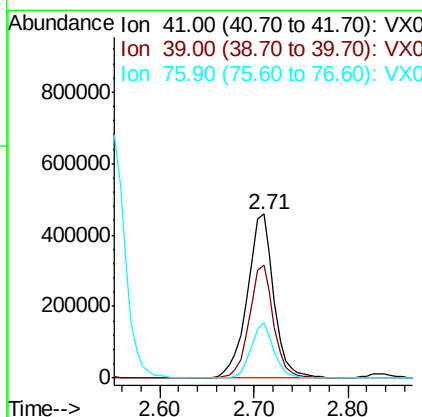
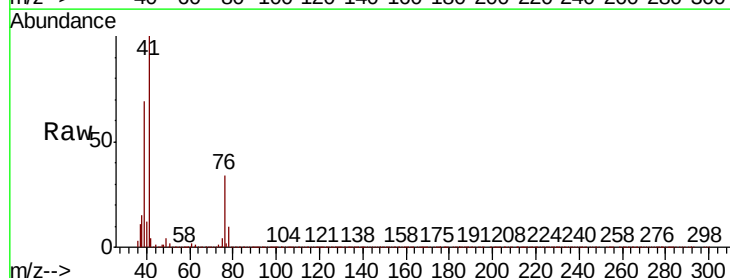
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

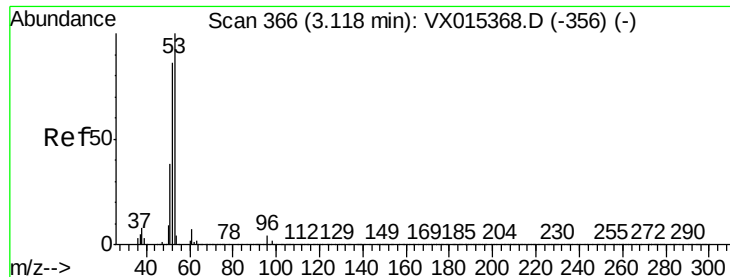
Tot Ion: 56 Resp: 594082
Ion Ratio Lower Upper
56 100
55 70.9 57.0 85.4



#14
Allyl chloride
Concen: 40.175 ug/l
RT: 2.71 min Scan# 299
Delta R.T. 0.01 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

Tgt Ion: 41 Resp: 901998
Ion Ratio Lower Upper
41 100
39 64.0 51.4 77.0
76 29.1 21.8 32.8





#15

Acrylonitrile

Concen: 218.058 ug/l

RT: 3.12 min Scan# 366

Delta R.T. 0.00 min

Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

Instrument :

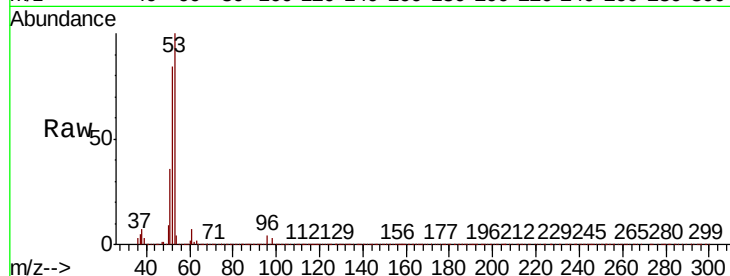
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 53 Resp: 1428778

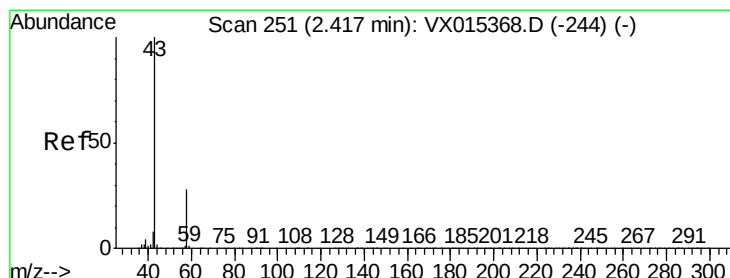
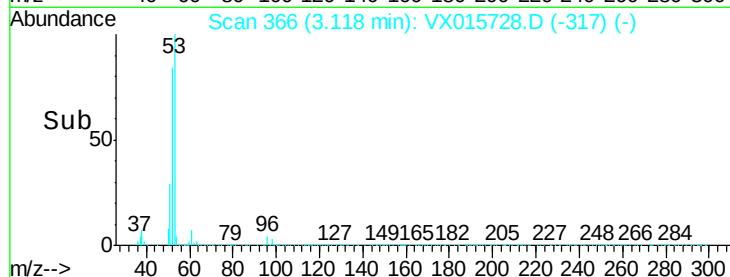
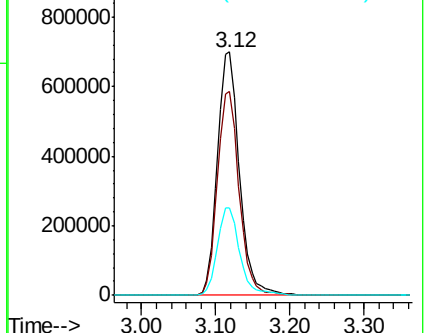
Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.8	100.2
51	36.3	29.5	44.3



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: 203.031 ug/l

RT: 2.42 min Scan# 251

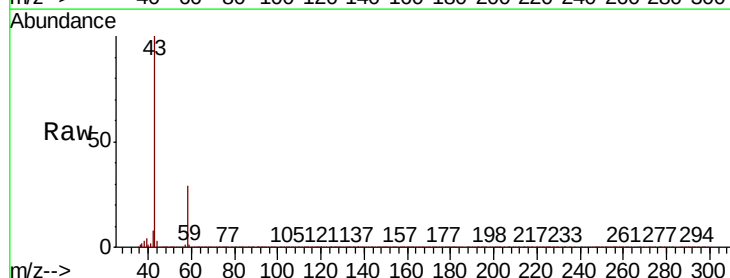
Delta R.T. 0.00 min

Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

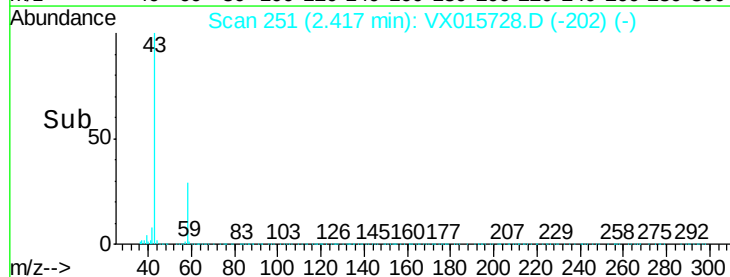
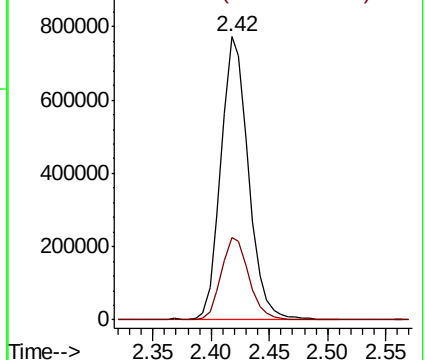
Tgt Ion: 43 Resp: 1252081

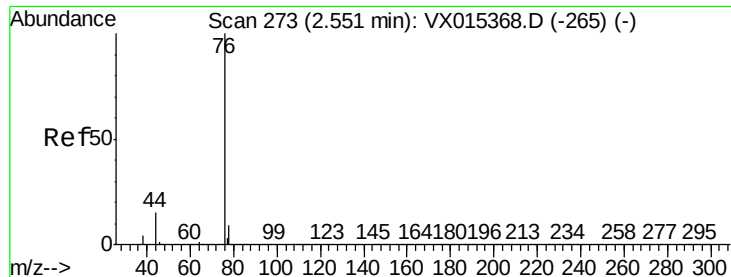
Ion	Ratio	Lower	Upper
43	100		
58	29.3	22.1	33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 37.391 ug/l

RT: 2.55 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

Instrument :

MSVOA_X

ClientSampleId :

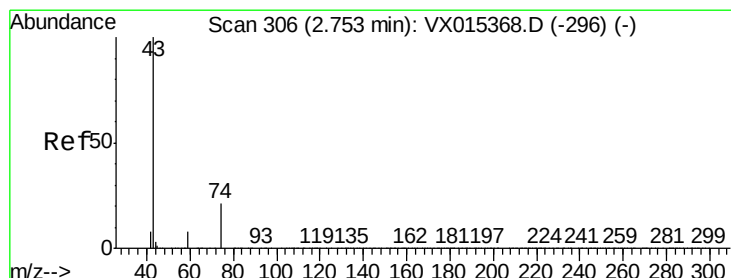
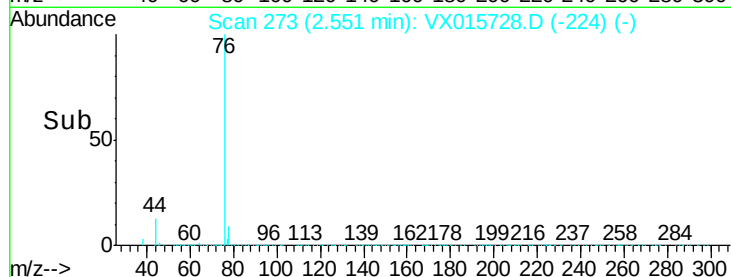
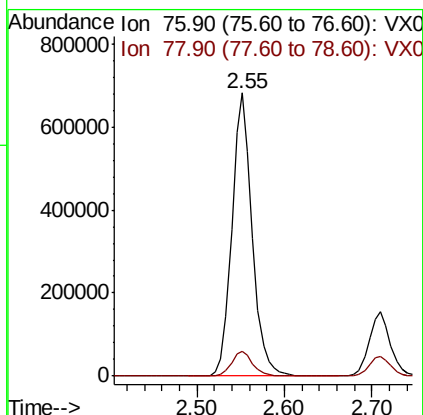
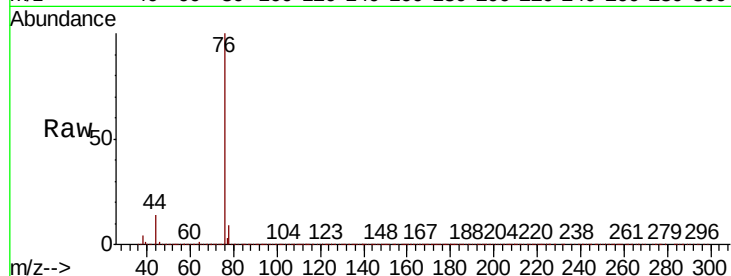
VSTDCCC050EC

Tot Ion: 76 Resp: 1095998

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7



#18

Methyl Acetate

Concen: 44.362 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015728.D

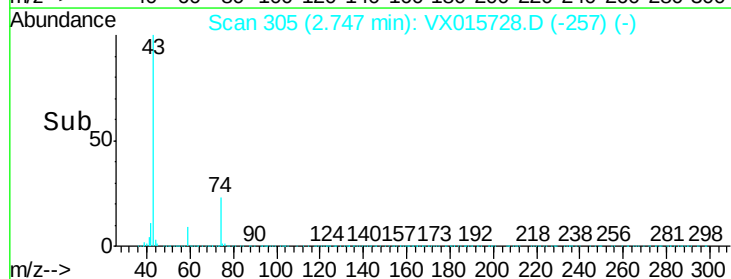
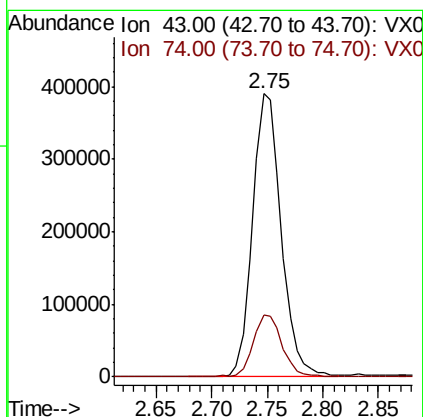
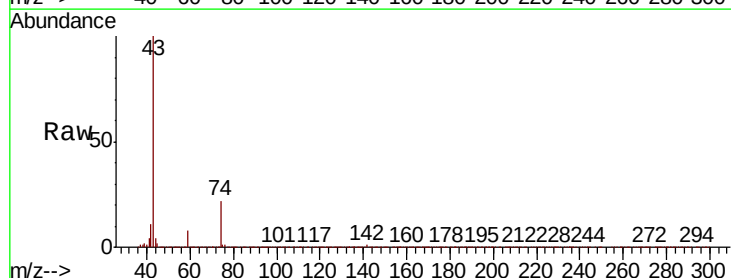
Acq: 16 Apr 2020 21:17

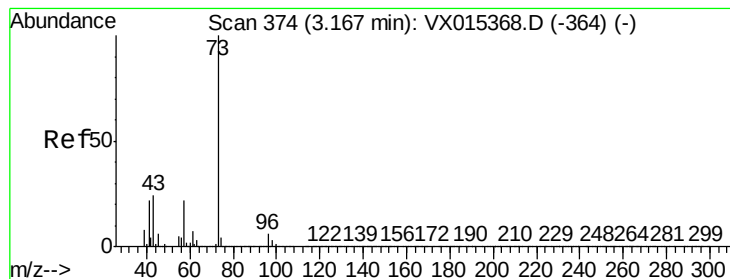
Tgt Ion: 43 Resp: 698247

Ion Ratio Lower Upper

43 100

74 22.2 16.5 24.7



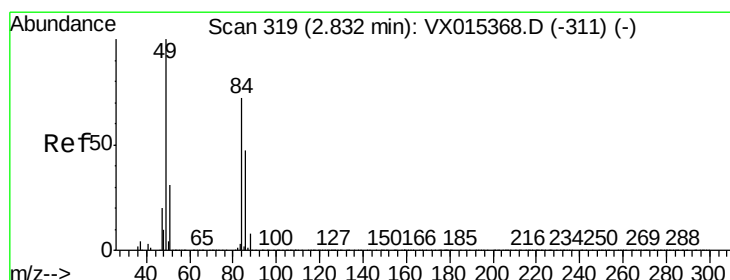
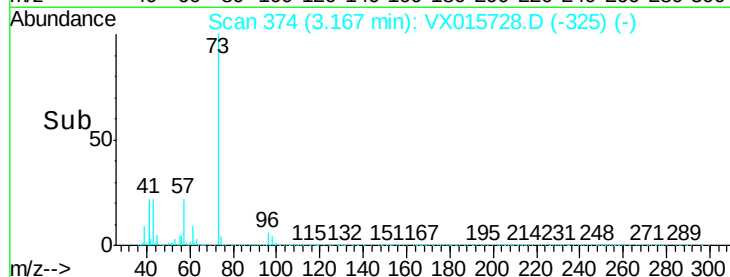
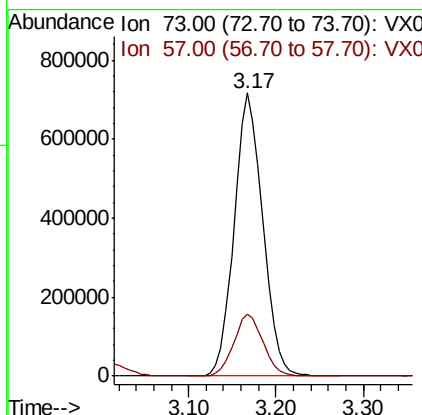
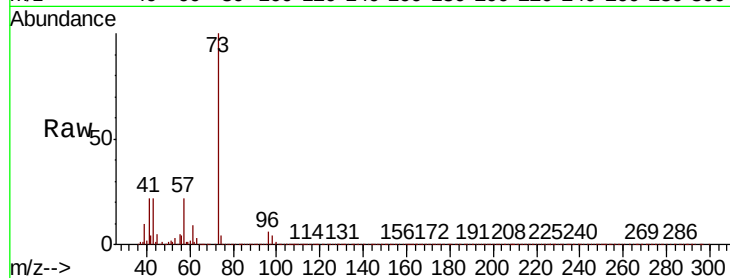


#19

Methyl tert-butyl Ether
 Concen: 43.650 ug/l
 RT: 3.17 min Scan# 374
 Delta R.T. 0.00 min
 Lab File: VX015728.D
 Acq: 16 Apr 2020 21:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

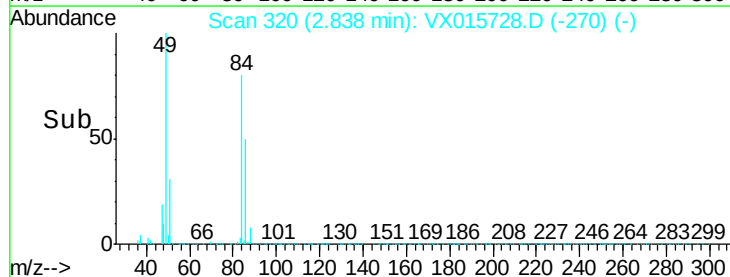
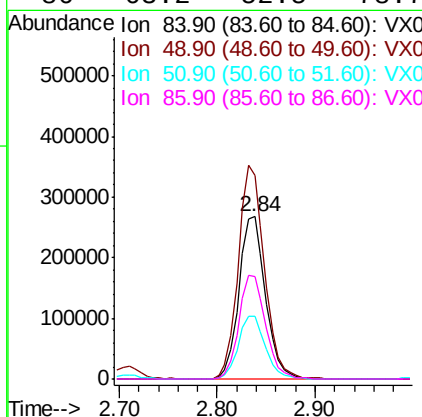
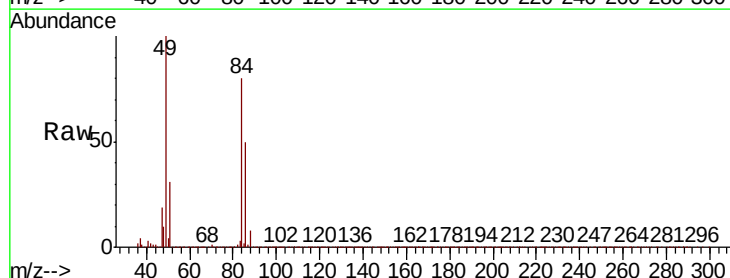
Tot Ion: 73 Resp: 162666
 Ion Ratio Lower Upper
 73 100
 57 21.8 17.9 26.9

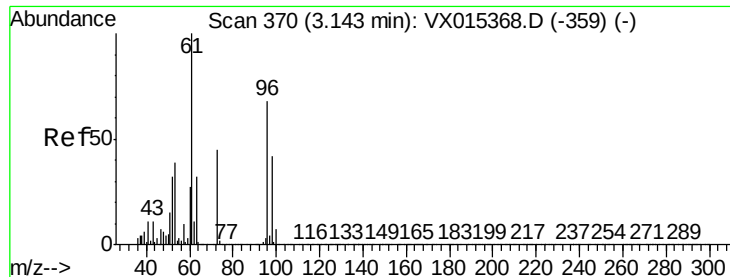


#20

Methylene Chloride
 Concen: 43.585 ug/l
 RT: 2.84 min Scan# 320
 Delta R.T. 0.01 min
 Lab File: VX015728.D
 Acq: 16 Apr 2020 21:17

Tgt Ion: 84 Resp: 502053
 Ion Ratio Lower Upper
 84 100
 49 125.4 111.3 166.9
 51 38.3 34.0 51.0
 86 63.2 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 44.119 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

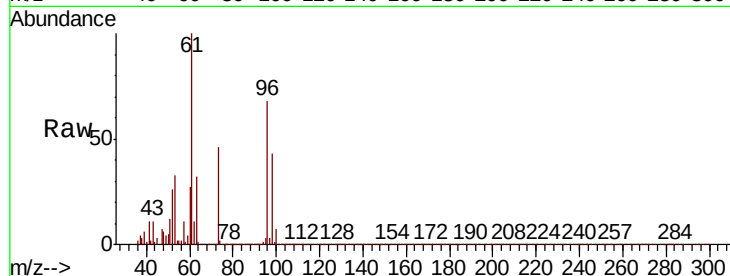
Tot Ion: 96 Resp: 470481

Ion Ratio Lower Upper

96 100

61 146.7 116.9 175.3

98 63.4 48.6 73.0

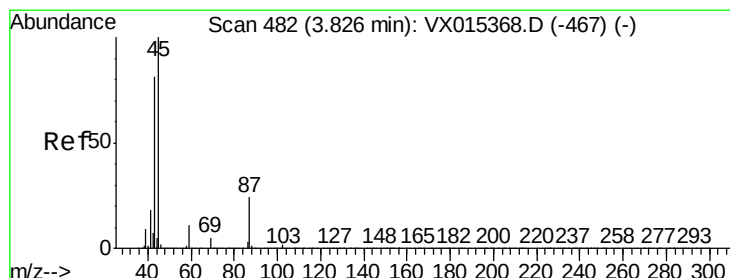
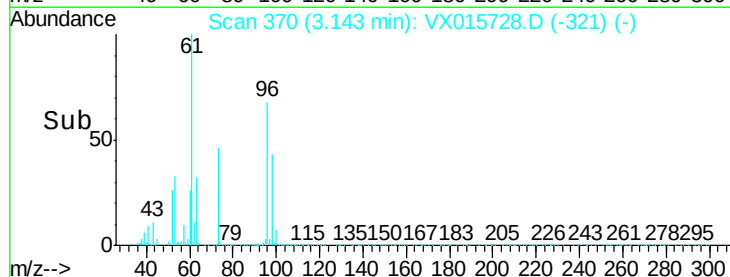
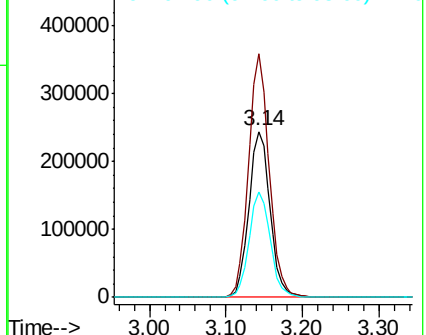


Abundance

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: 44.013 ug/l

RT: 3.83 min Scan# 482

Delta R.T. 0.00 min

Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

Tgt Ion: 45 Resp: 1751003

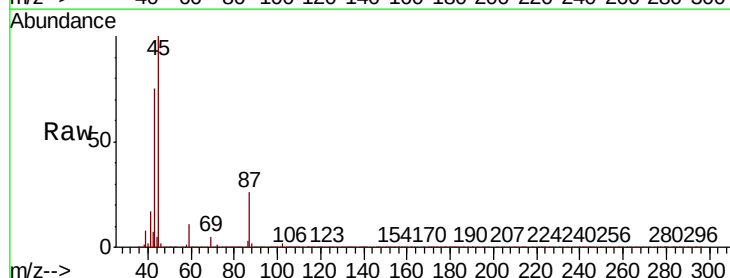
Ion Ratio Lower Upper

45 100

43 75.0 64.7 97.1

87 25.8 19.4 29.0

59 11.2 8.7 13.1



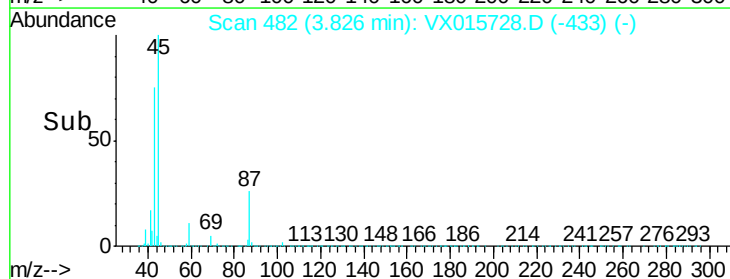
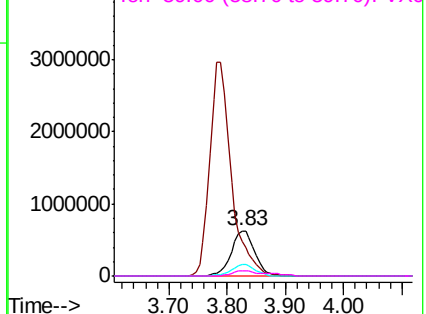
Abundance

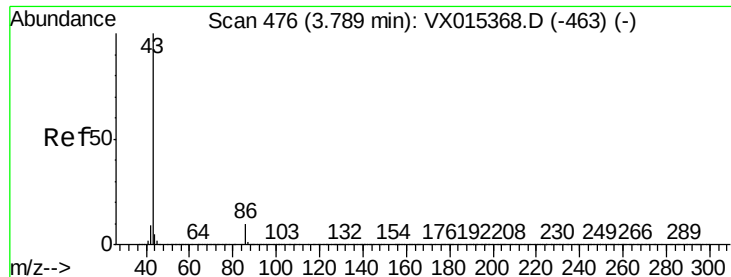
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 212.050 ug/l

RT: 3.79 min Scan# 476

Delta R.T. 0.00 min

Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

Instrument :

MSVOA_X

ClientSampleId :

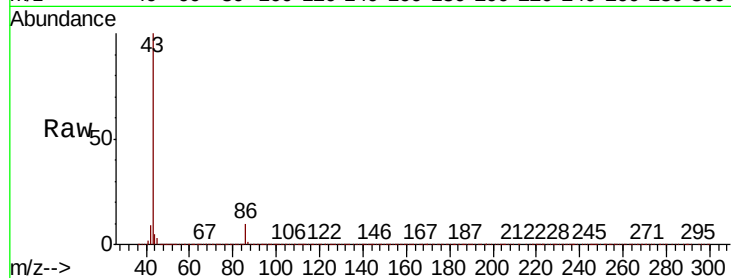
VSTDCCC050EC

Tot Ion: 43 Resp: 7638145

Ion Ratio Lower Upper

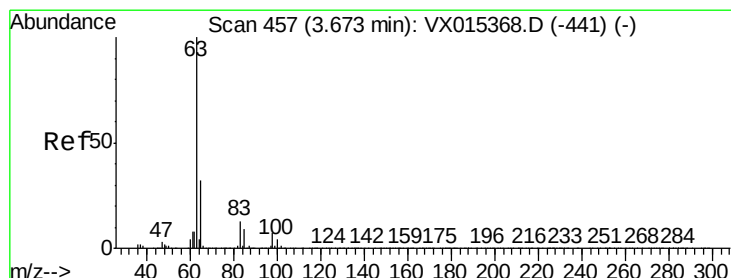
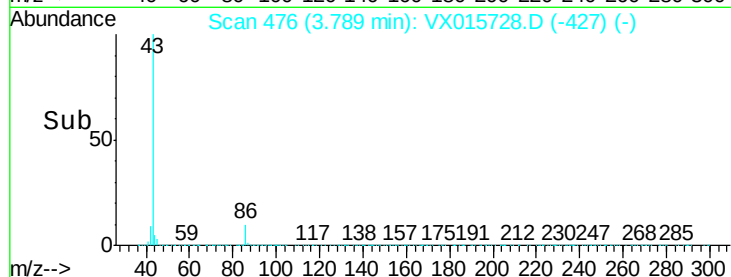
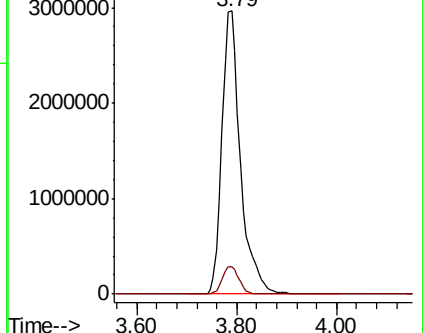
43 100

86 9.9 7.8 11.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 43.138 ug/l

RT: 3.67 min Scan# 457

Delta R.T. 0.00 min

Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

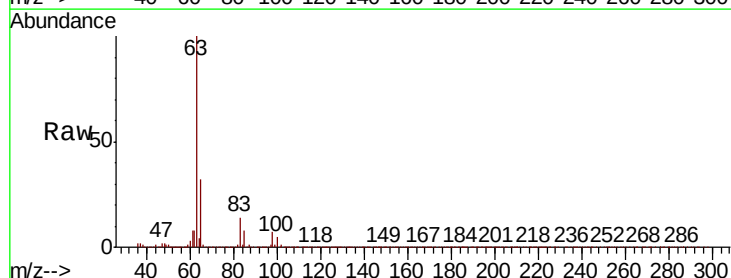
Tgt Ion: 63 Resp: 903605

Ion Ratio Lower Upper

63 100

98 7.4 3.3 9.8

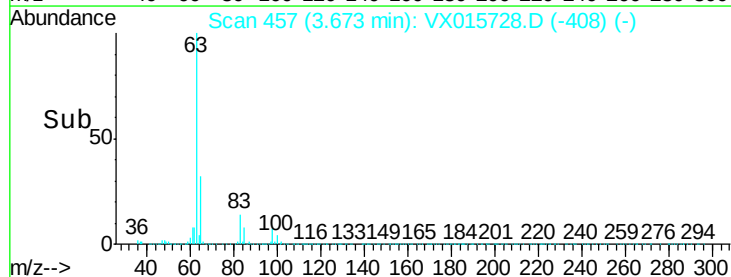
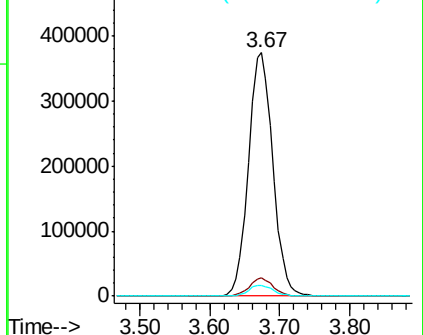
100 4.5 2.1 6.5

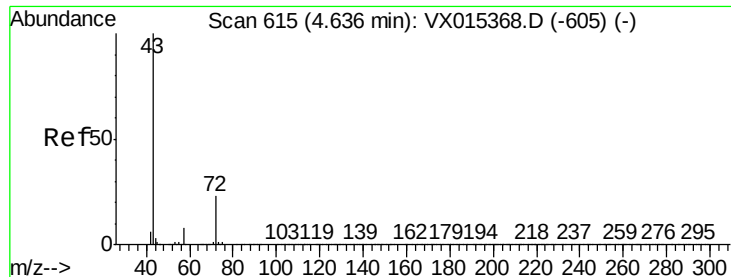


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 207.747 ug/l

RT: 4.64 min Scan# 615

Delta R.T. 0.00 min

Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

Instrument :

MSVOA_X

ClientSampleId :

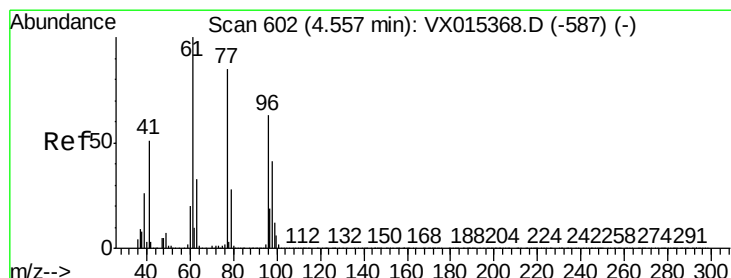
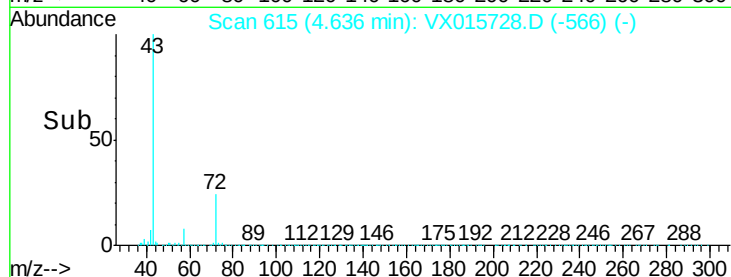
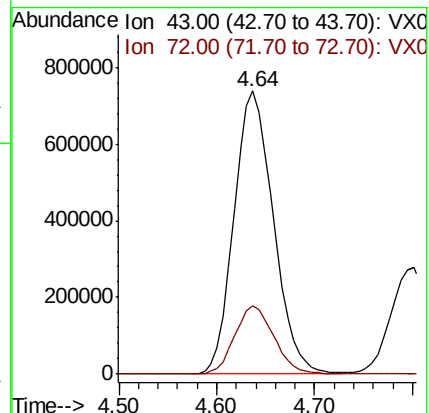
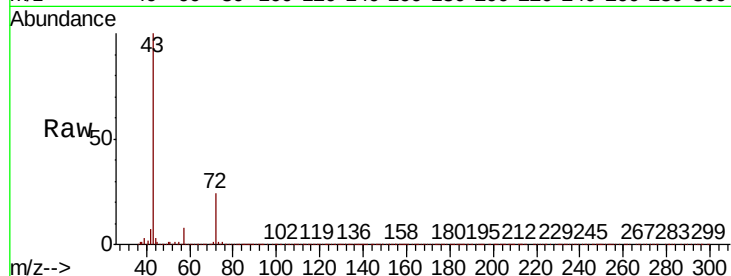
VSTDCCC050EC

Tot Ion: 43 Resp: 2060378

Ion Ratio Lower Upper

43 100

72 23.8 19.0 28.4



#26

2,2-Dichloropropane

Concen: 40.114 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015728.D

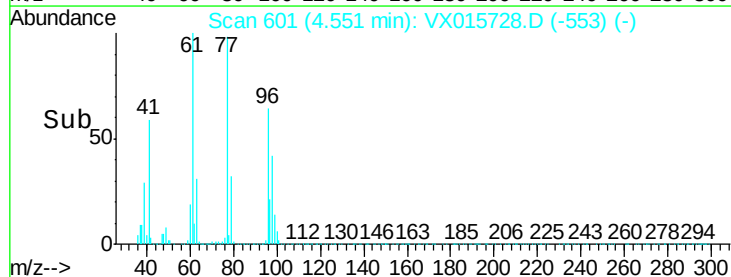
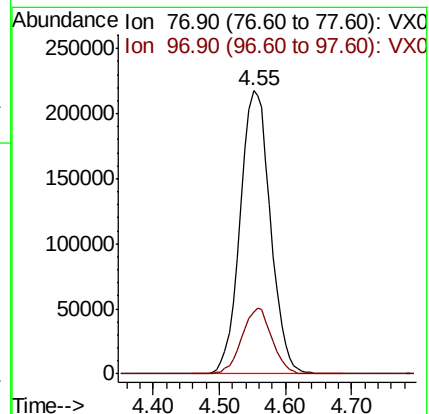
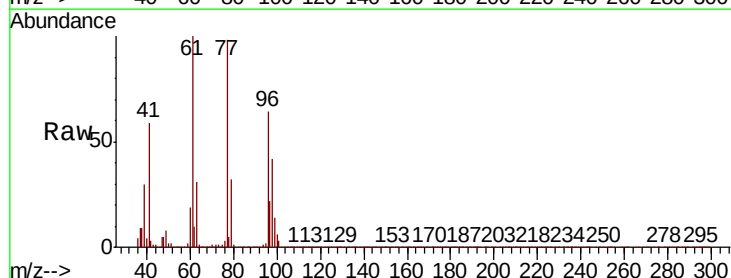
Acq: 16 Apr 2020 21:17

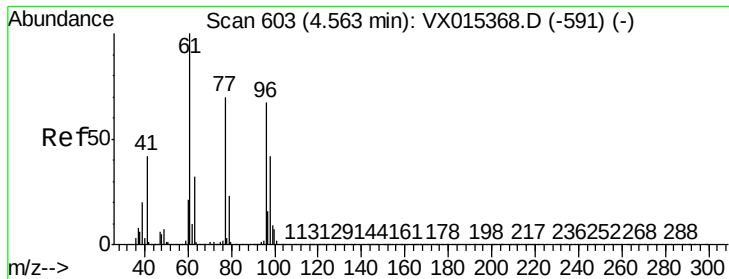
Tgt Ion: 77 Resp: 689706

Ion Ratio Lower Upper

77 100

97 23.0 11.3 33.8



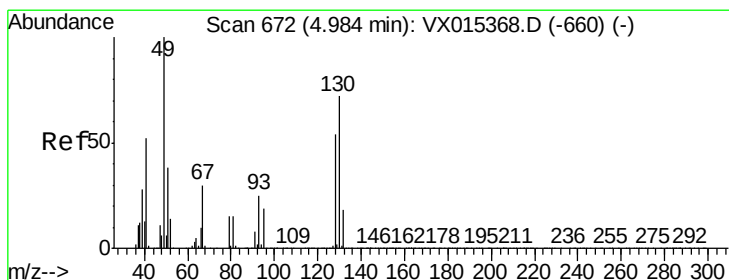
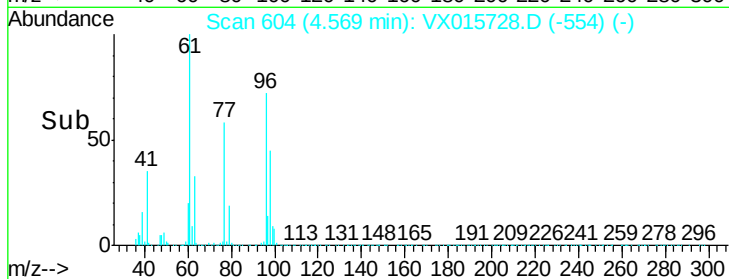
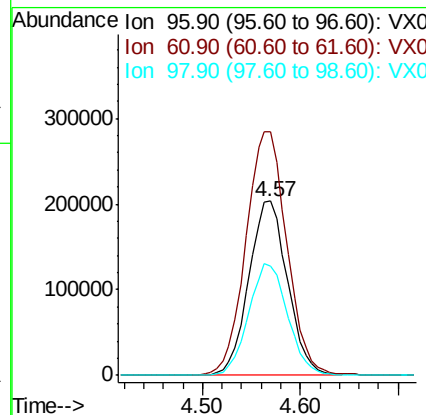
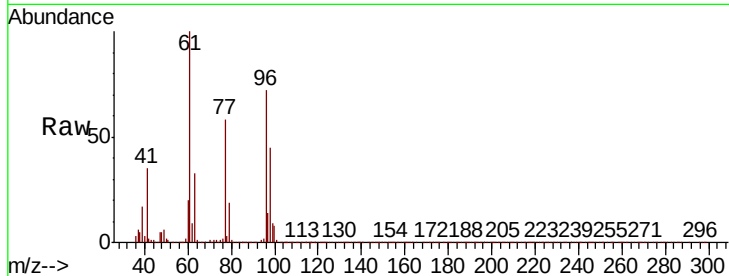


#27

cis-1,2-Dichloroethene
 Concen: 45.226 ug/l
 RT: 4.57 min Scan# 604
 Delta R.T. 0.01 min
 Lab File: VX015728.D
 Acq: 16 Apr 2020 21:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

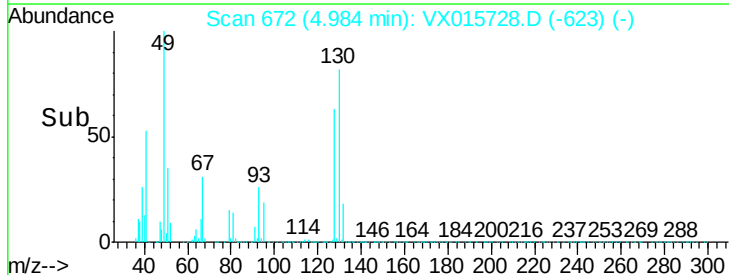
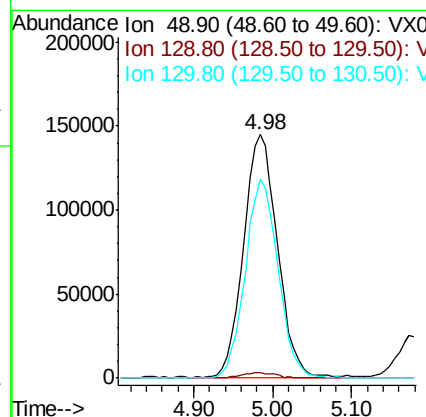
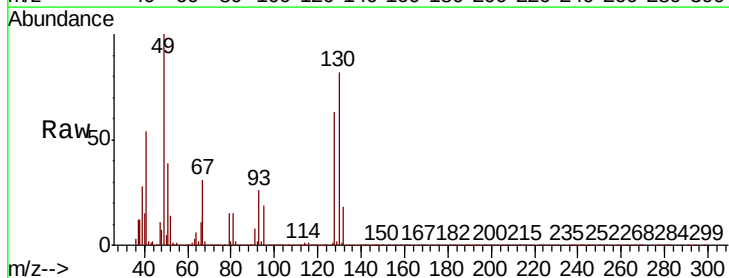
Tot Ion	96	Resp	557970
Ion	Ratio	Lower	Upper
96	100		
61	148.8	0.0	308.4
98	64.3	0.0	129.2

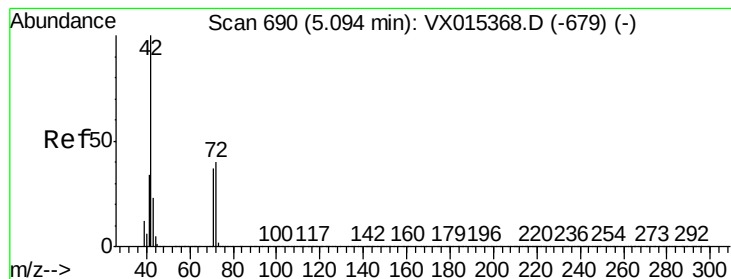


#28

Bromochloromethane
 Concen: 43.282 ug/l
 RT: 4.98 min Scan# 672
 Delta R.T. 0.00 min
 Lab File: VX015728.D
 Acq: 16 Apr 2020 21:17

Tgt Ion	49	Resp	432867
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.4
130	78.9	57.7	86.5





#29

Tetrahydrofuran

Concen: 207.390 ug/l

RT: 5.09 min Scan# 690

Delta R.T. 0.00 min

Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

Instrument :

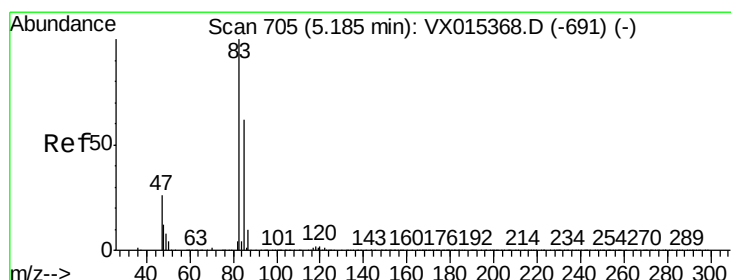
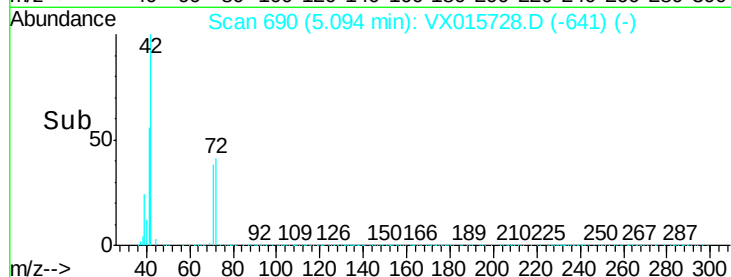
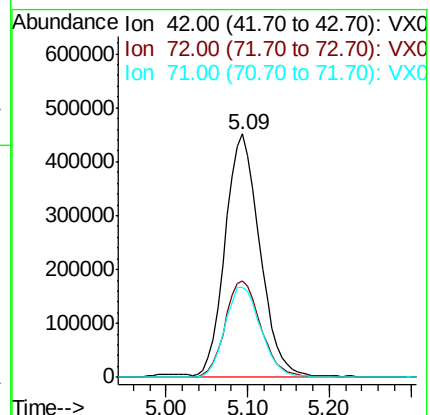
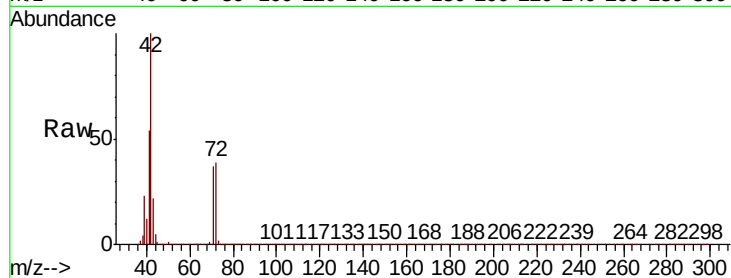
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 42 Resp: 1322290

Ion	Ratio	Lower	Upper
42	100		
72	41.5	31.7	47.5
71	38.8	29.6	44.4



#30

Chloroform

Concen: 44.599 ug/l

RT: 5.18 min Scan# 704

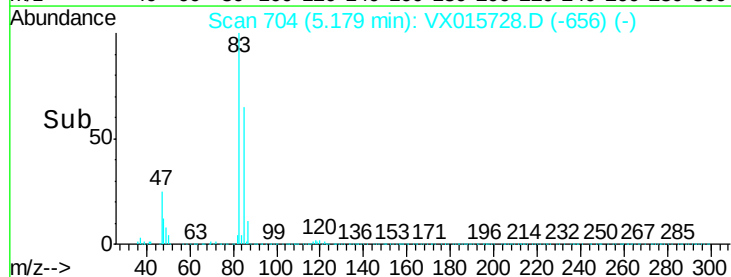
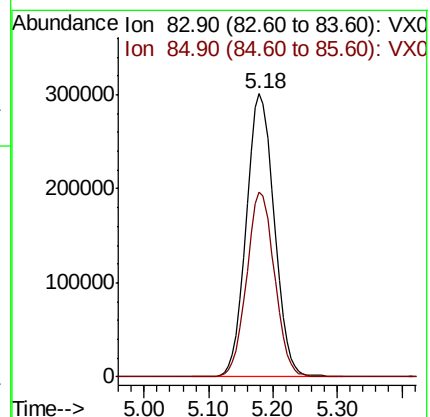
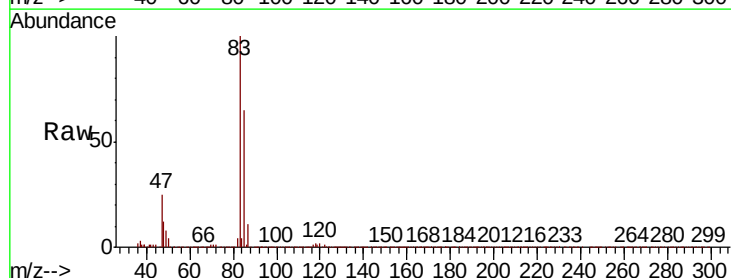
Delta R.T. -0.01 min

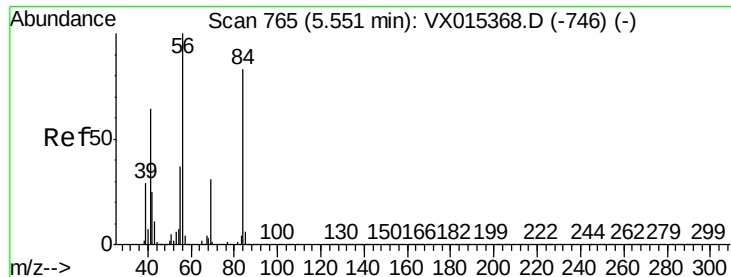
Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

Tgt Ion: 83 Resp: 898799

Ion	Ratio	Lower	Upper
83	100		
85	65.2	49.5	74.3

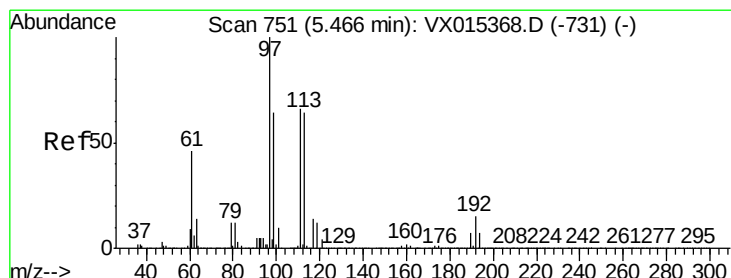
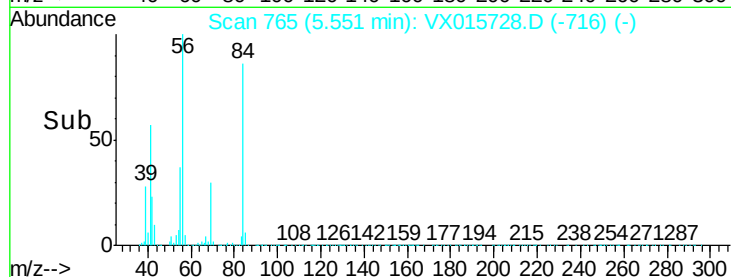
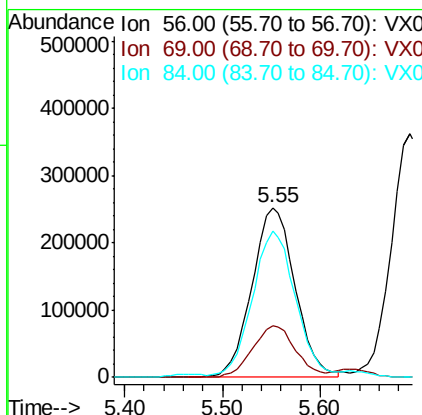
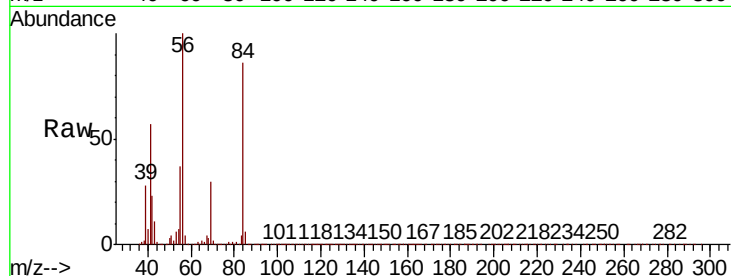




#31
Cyclohexane
Concen: 42.645 ug/l
RT: 5.55 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

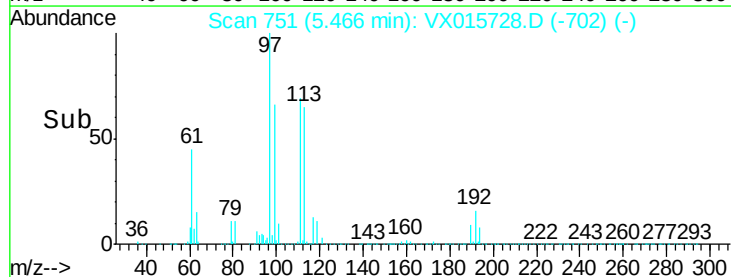
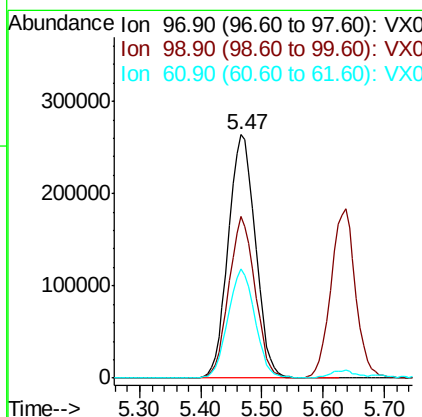
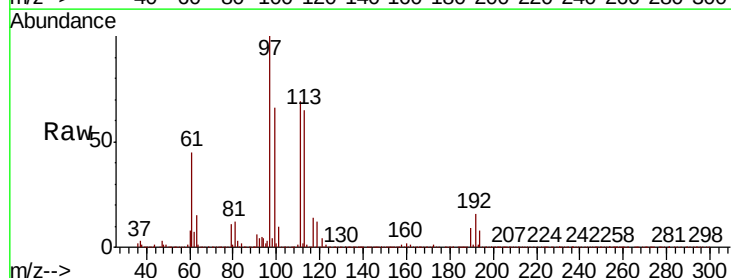
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

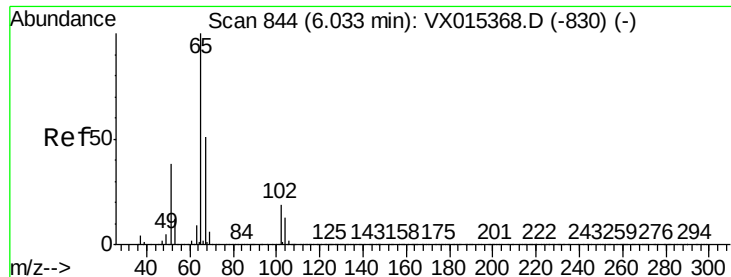
Tot Ion: 56 Resp: 774915
Ion Ratio Lower Upper
56 100
69 30.2 24.6 36.8
84 84.5 66.1 99.1



#32
1,1,1-Trichloroethane
Concen: 44.230 ug/l
RT: 5.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

Tgt Ion: 97 Resp: 806666
Ion Ratio Lower Upper
97 100
99 63.9 51.0 76.4
61 44.1 36.1 54.1

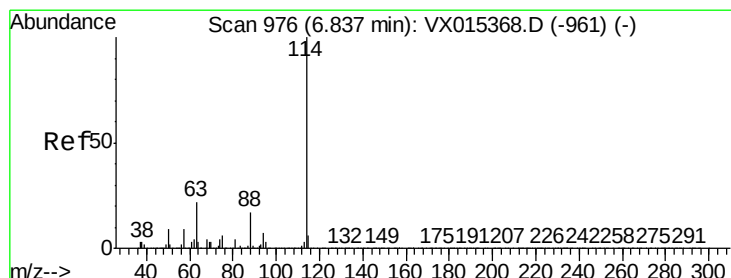
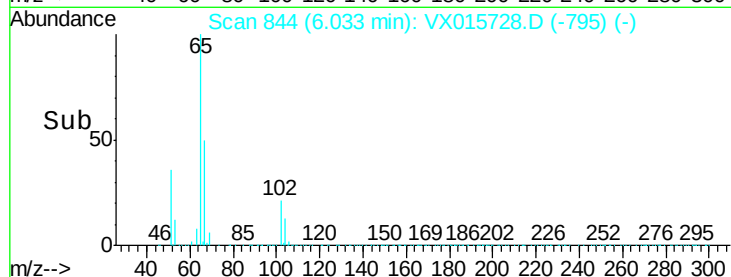
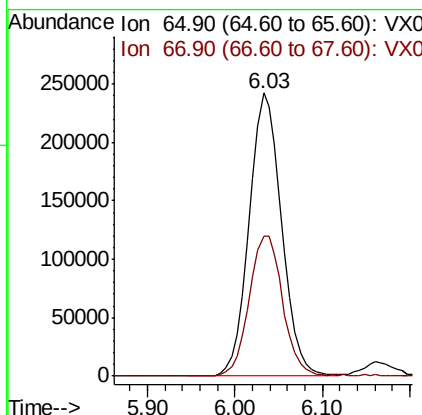
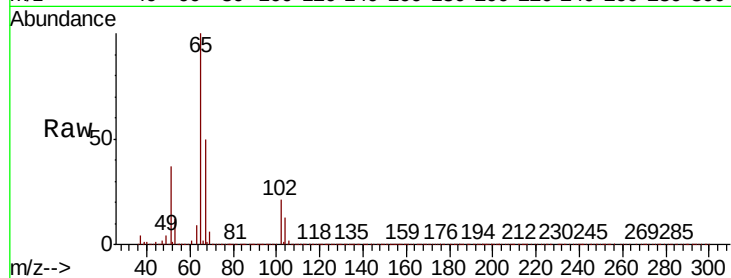




#33
 1,2-Dichloroethane-d4
 Concen: 43.477 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: VX015728.D
 Acq: 16 Apr 2020 21:17

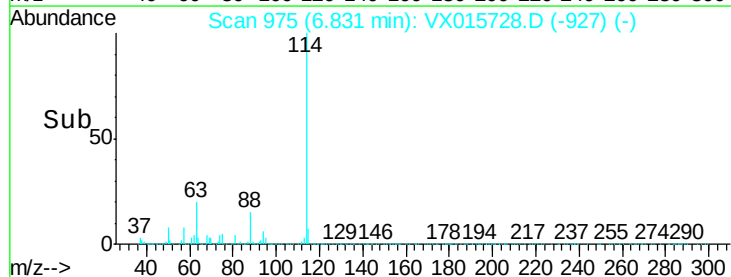
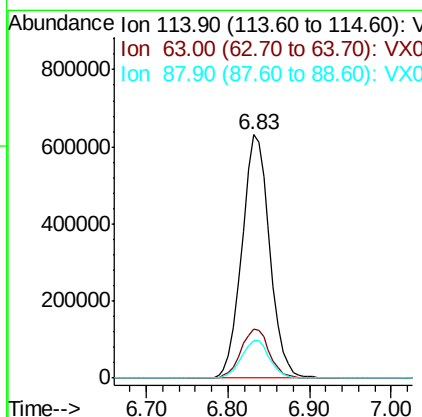
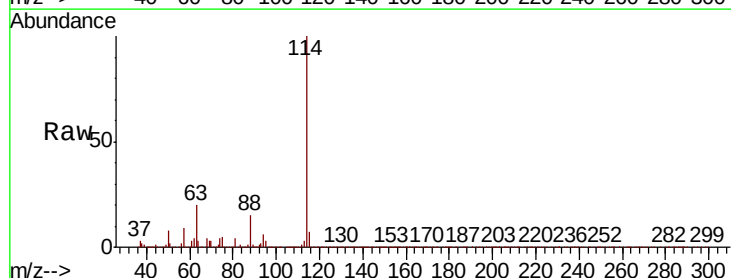
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

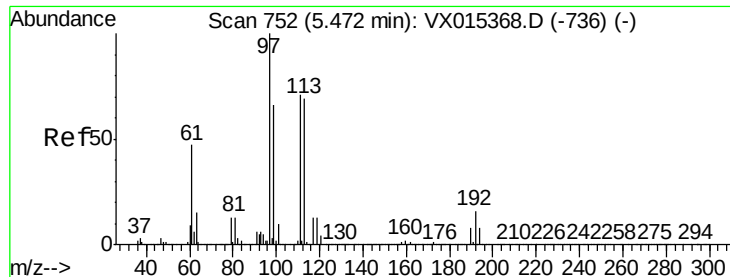
Tot Ion: 65 Resp: 624084
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: VX015728.D
 Acq: 16 Apr 2020 21:17

Tgt Ion: 114 Resp: 1486854
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 44.2
 88 15.3 0.0 33.8

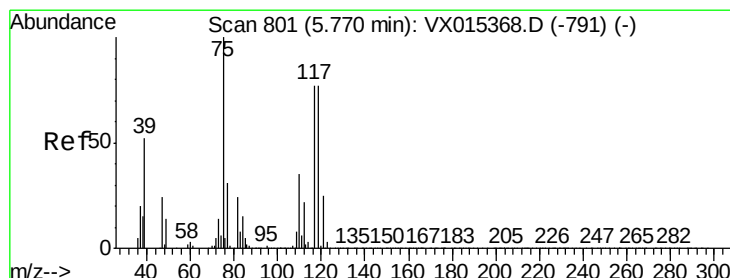
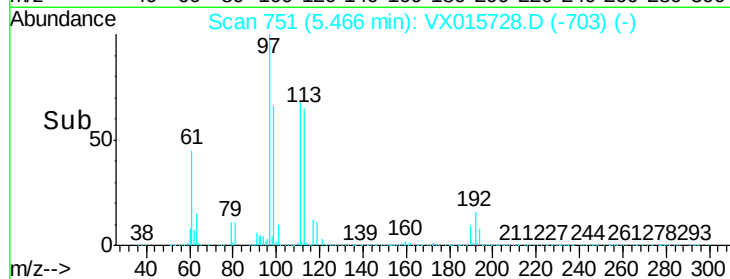
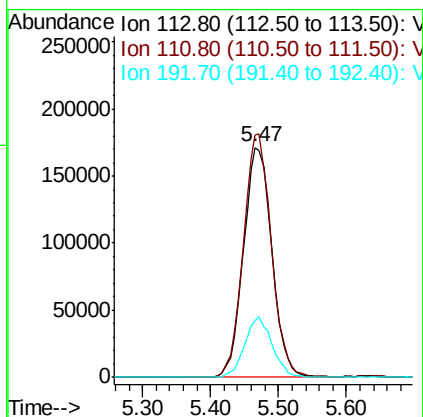
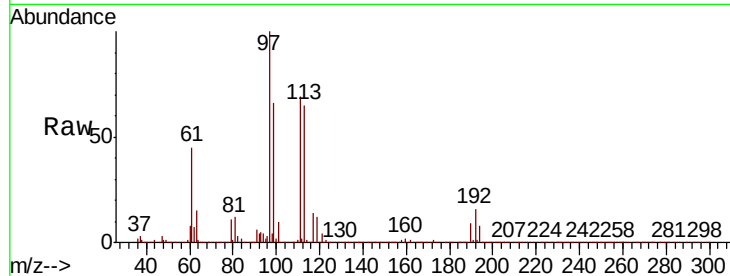




#35
 Dibromofluoromethane
 Concen: 52.448 ug/l
 RT: 5.47 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: VX015728.D
 Acq: 16 Apr 2020 21:17

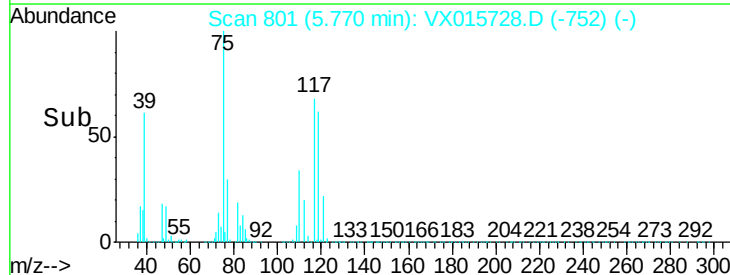
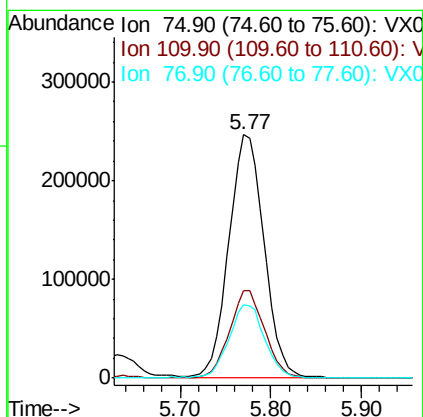
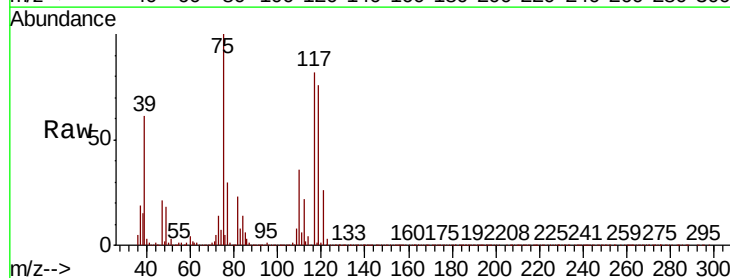
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

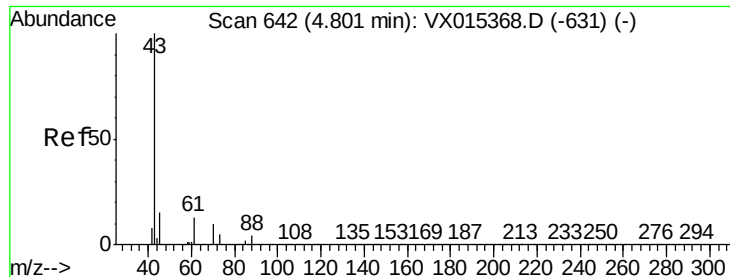
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.5	122.3
192	25.2	17.8	26.6



#36
 1,1-Dichloropropene
 Concen: 48.483 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: VX015728.D
 Acq: 16 Apr 2020 21:17

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.8	17.1	51.3
77	30.4	24.6	36.8

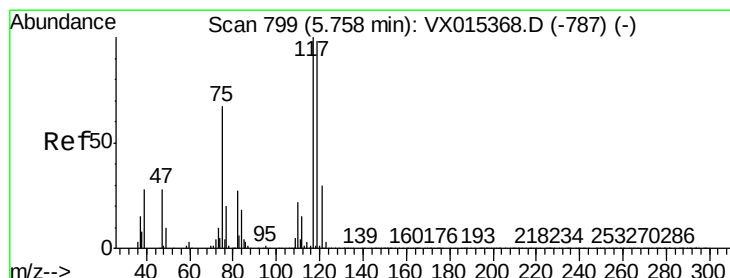
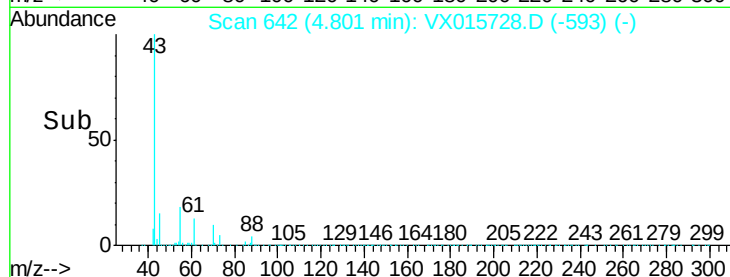
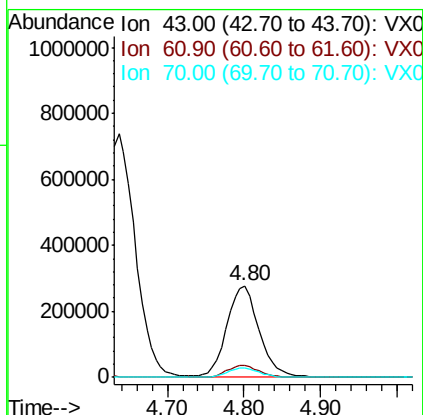
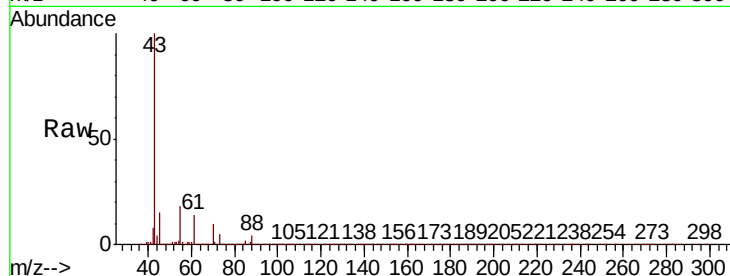




#37
Ethyl Acetate
Concen: 45.016 ug/l
RT: 4.80 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

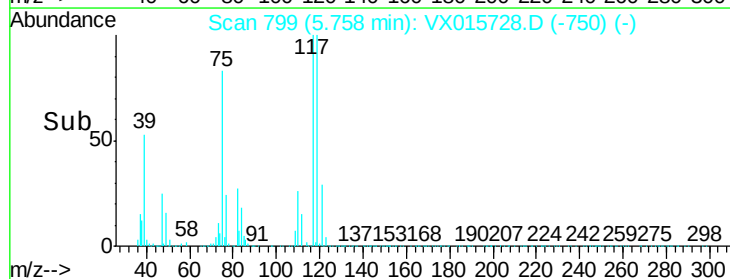
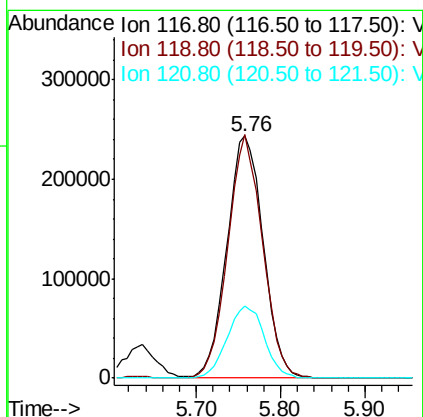
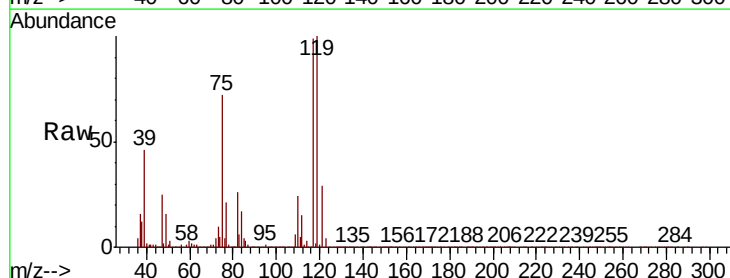
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

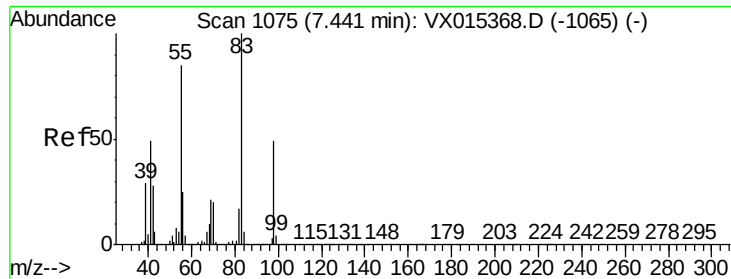
Tot Ion:	43	Resp:	803000
Ion	Ratio	Lower	Upper
43	100		
61	12.7	9.9	14.9
70	10.2	8.1	12.1



#38
Carbon Tetrachloride
Concen: 47.756 ug/l
RT: 5.76 min Scan# 799
Delta R.T. 0.00 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

Tgt Ion:	117	Resp:	708616
Ion	Ratio	Lower	Upper
117	100		
119	100.6	78.0	117.0
121	29.5	23.8	35.8

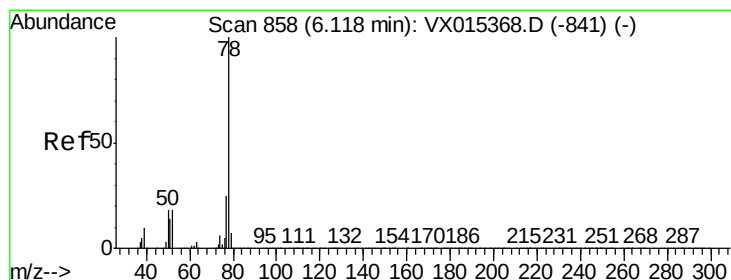
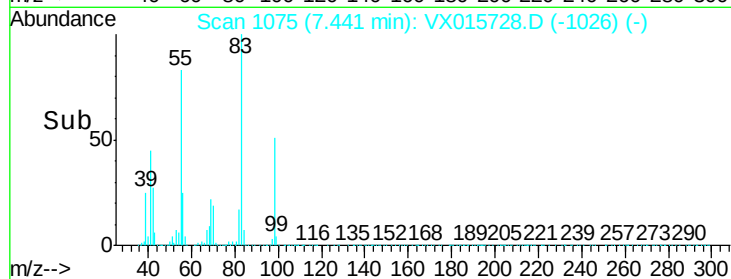
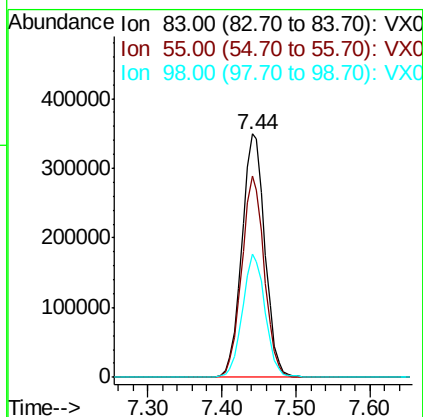
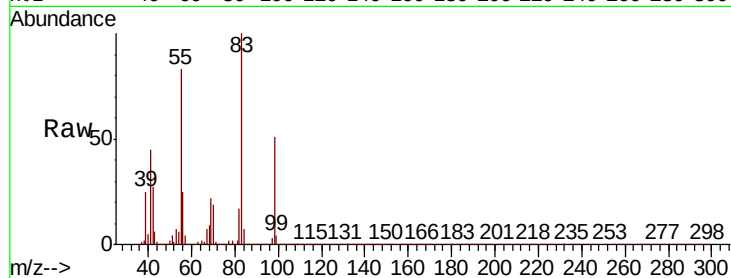




#39
Methylvlcyclohexane
Concen: 48.217 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

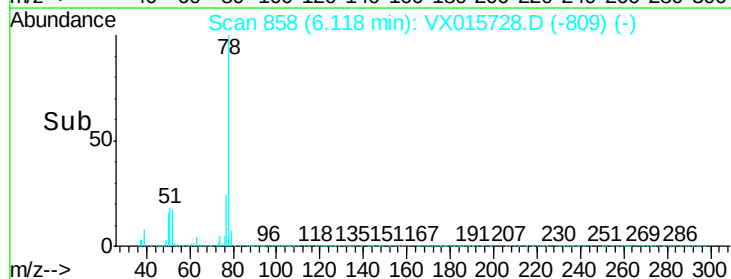
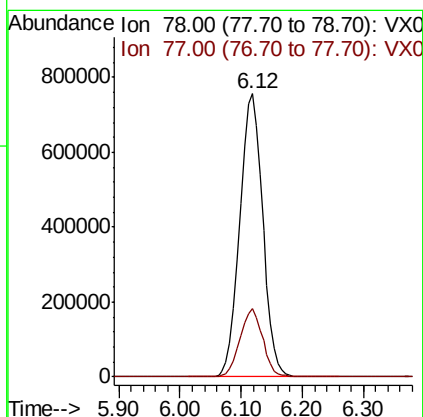
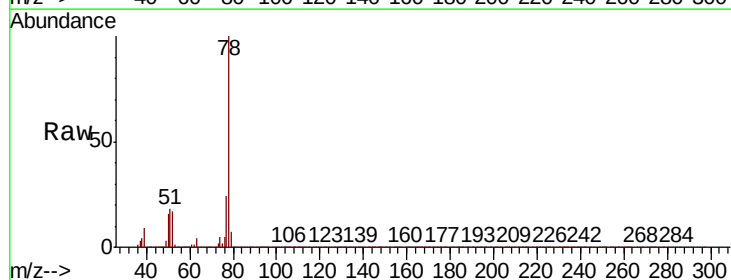
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

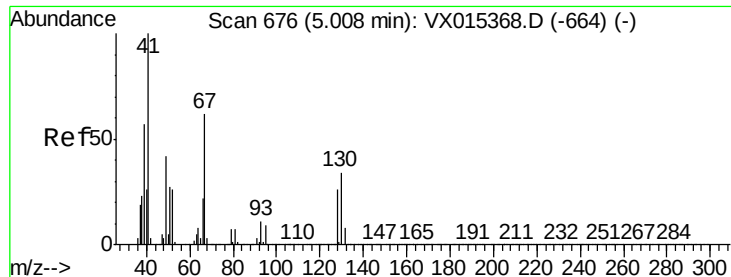
Tot Ion	83.00	Resp	761624
Ion	Ratio	Lower	Upper
83	100		
55	82.6	67.8	101.6
98	50.6	39.3	58.9



#40
Benzene
Concen: 48.921 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

Tgt Ion	78.00	Resp	1963212
Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.8	29.8

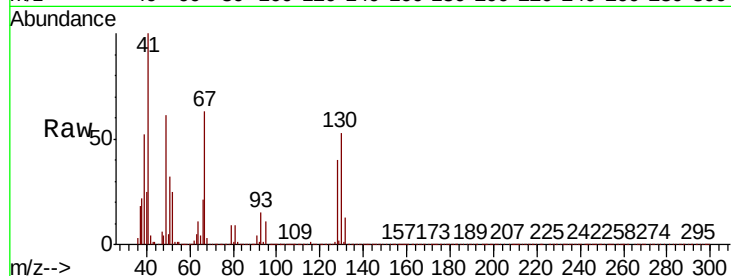




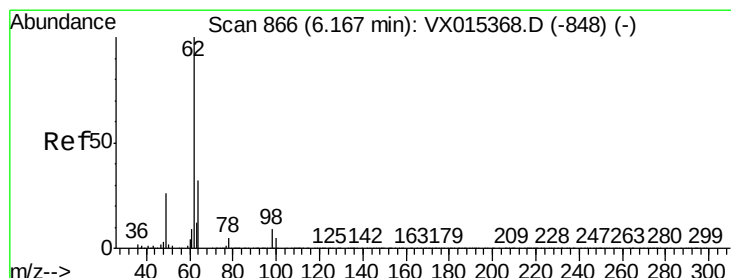
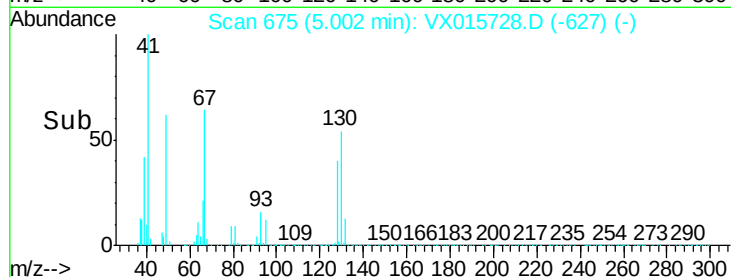
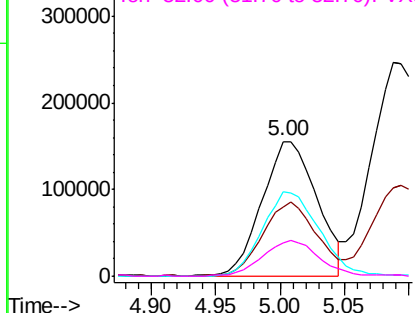
#41
Methacrylonitrile
Concen: 46.194 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	457421
Ion	Ratio	Lower	Upper
41	100		
39	54.9	44.5	66.7
67	64.8	48.9	73.3
52	27.1	21.8	32.6

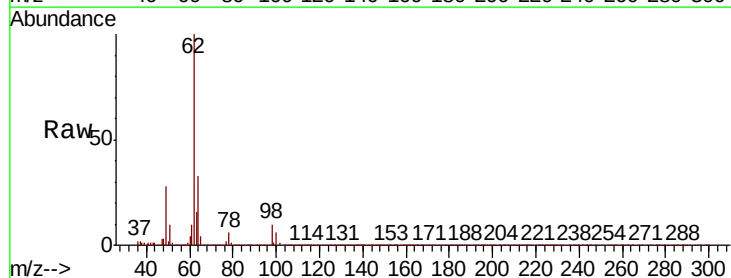


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

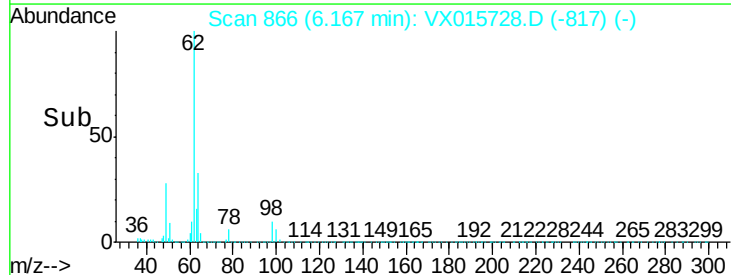
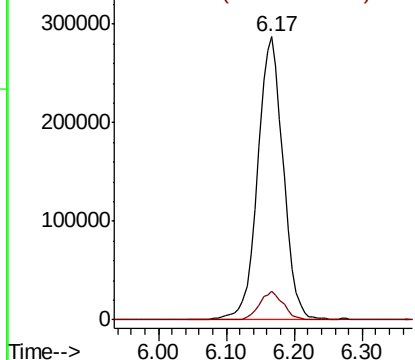


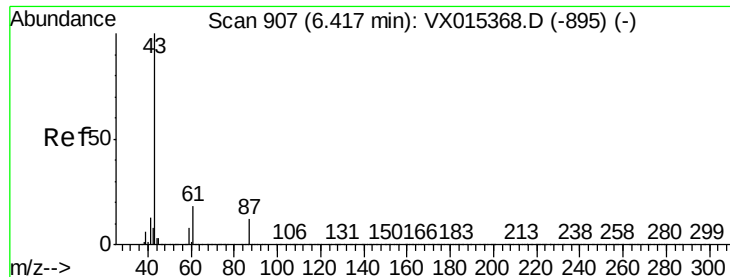
#42
1,2-Dichloroethane
Concen: 46.824 ug/l
RT: 6.17 min Scan# 866
Delta R.T. 0.00 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

Tgt Ion:	62	Resp:	754780
Ion	Ratio	Lower	Upper
62	100		
98	9.5	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: 45.461 ug/l

RT: 6.42 min Scan# 907

Delta R.T. 0.00 min

Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

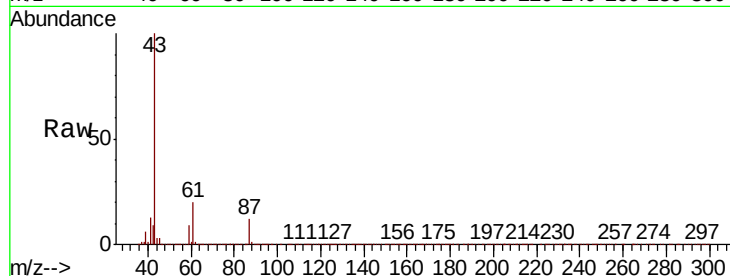
Tot Ion: 43 Resp: 1368930

Ion Ratio Lower Upper

43 100

61 18.9 14.8 22.2

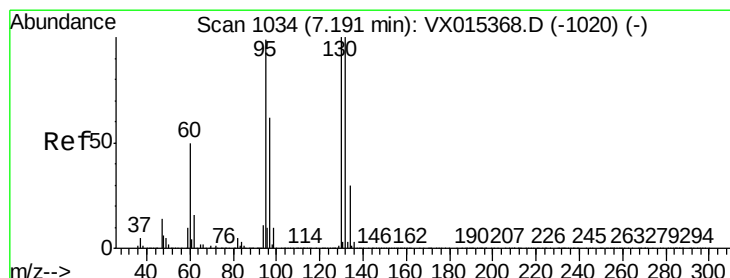
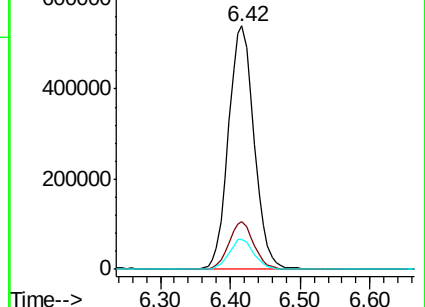
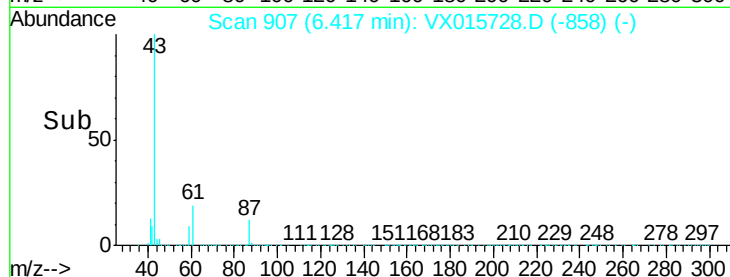
87 12.1 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX015728.D (-858) (-)

Ion 61.00 (60.70 to 61.70): VX015728.D (-858) (-)

Ion 87.00 (86.70 to 87.70): VX015728.D (-858) (-)



#44

Trichloroethene

Concen: 51.446 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX015728.D

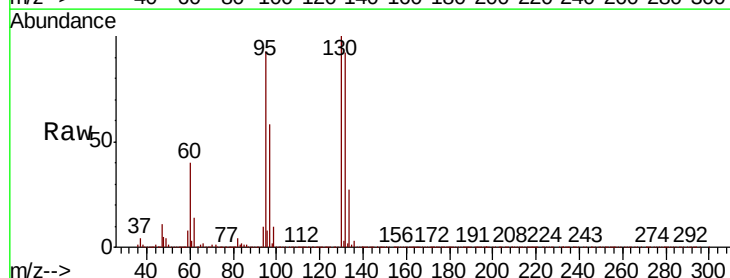
Acq: 16 Apr 2020 21:17

Tgt Ion:130 Resp: 563046

Ion Ratio Lower Upper

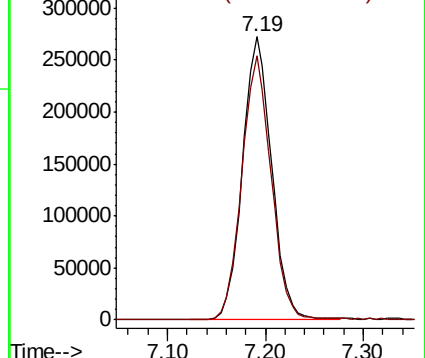
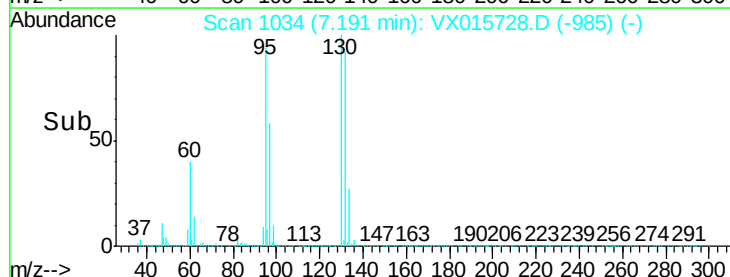
130 100

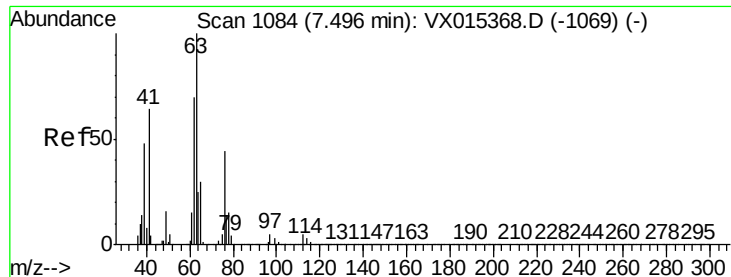
95 93.4 0.0 199.0



Abundance Ion 129.80 (129.50 to 130.50): VX015728.D (-985) (-)

Ion 94.90 (94.60 to 95.60): VX015728.D (-985) (-)





#45

1,2-Dichloropropane

Concen: 48.432 ug/l

RT: 7.49 min Scan# 1083

Delta R.T. -0.01 min

Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

Instrument :

MSVOA_X

ClientSampleId :

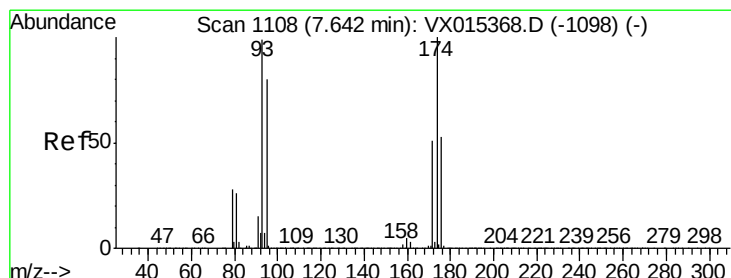
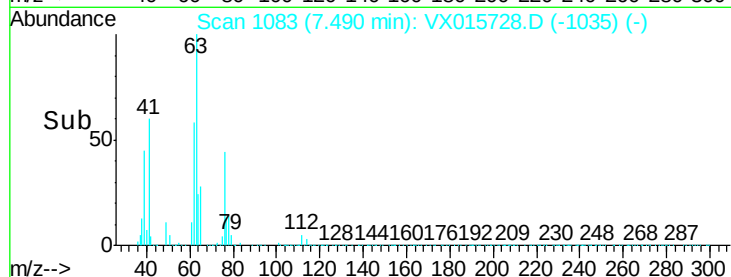
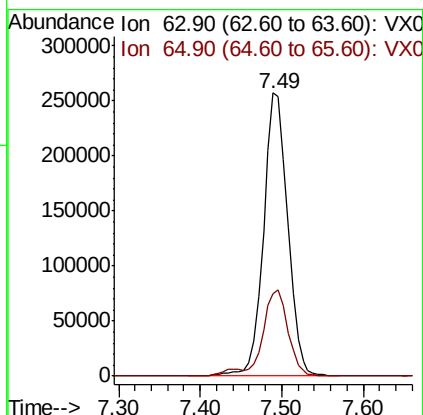
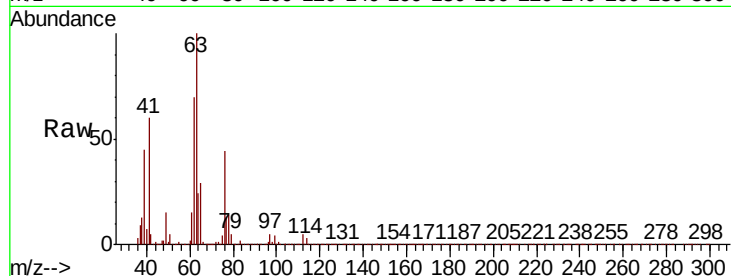
VSTDCCC050EC

Tot Ion: 63 Resp: 531684

Ion Ratio Lower Upper

63 100

65 29.0 23.9 35.9



#46

Dibromomethane

Concen: 48.446 ug/l

RT: 7.64 min Scan# 1108

Delta R.T. 0.00 min

Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

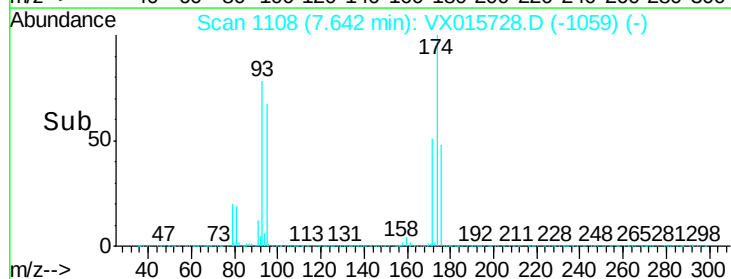
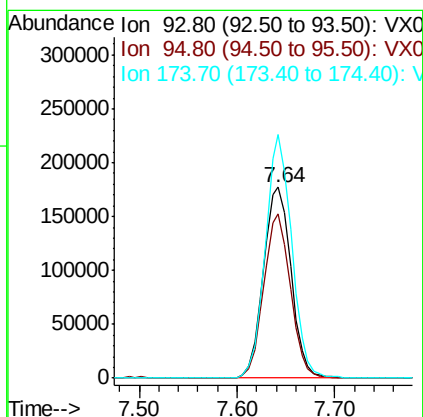
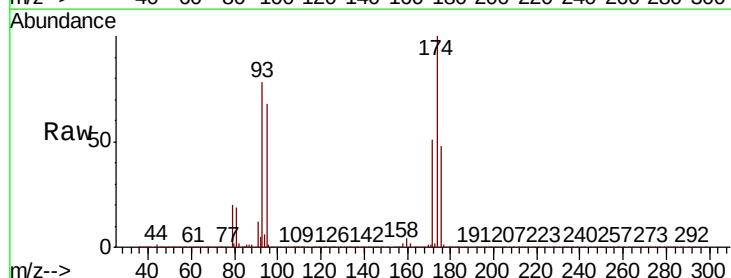
Tgt Ion: 93 Resp: 348872

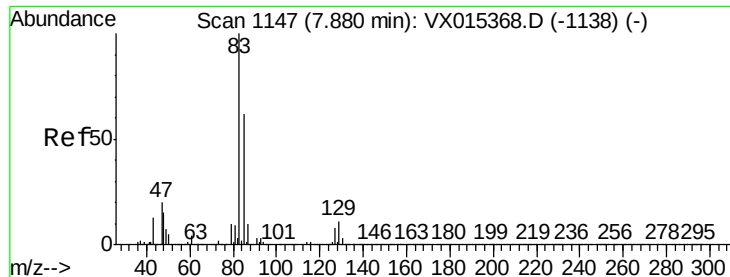
Ion Ratio Lower Upper

93 100

95 82.9 65.8 98.8

174 120.9 86.2 129.2





#47

Bromodichloromethane

Concen: 47.766 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

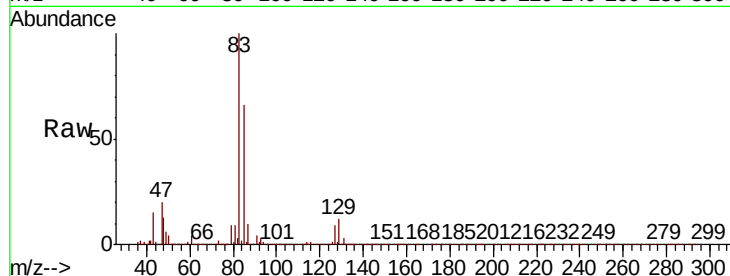
Tot Ion: 83 Resp: 732946

Ion Ratio Lower Upper

83 100

85 66.1 49.7 74.5

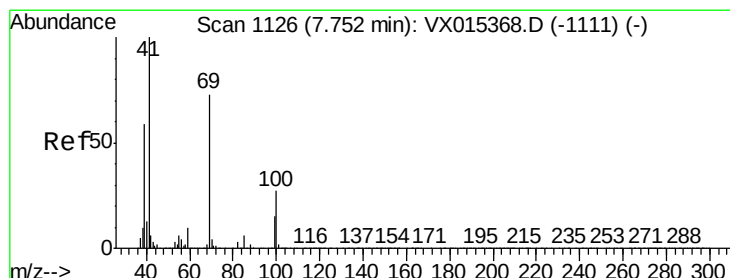
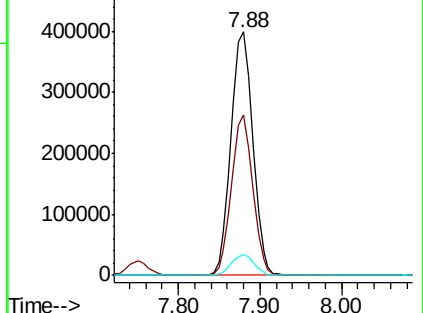
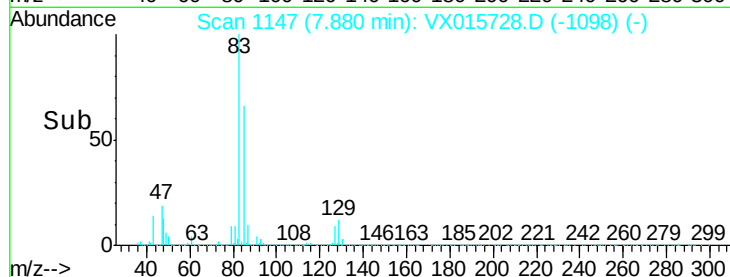
127 8.8 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 44.811 ug/l

RT: 7.75 min Scan# 1126

Delta R.T. 0.00 min

Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

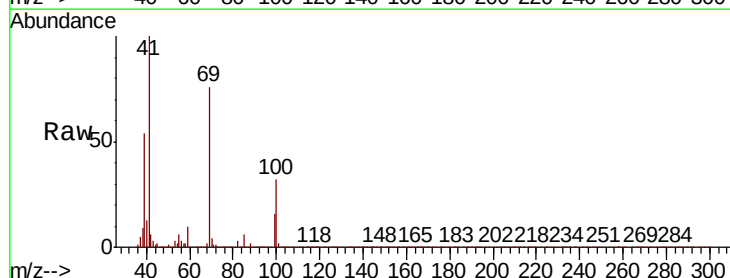
Tgt Ion: 41 Resp: 674000

Ion Ratio Lower Upper

41 100

69 75.6 56.7 85.1

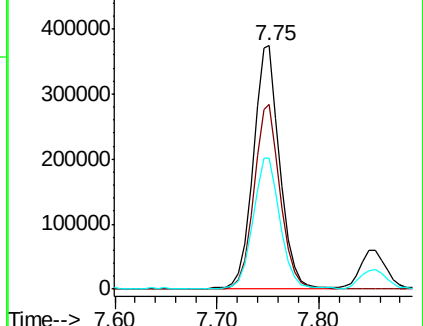
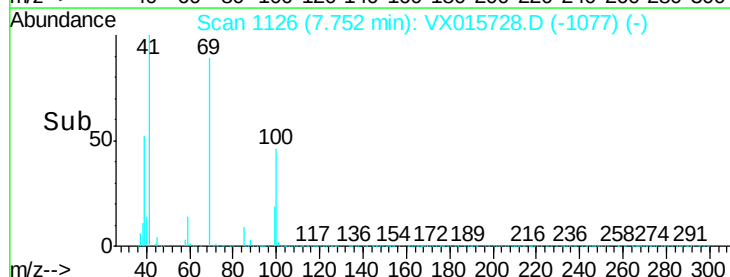
39 54.7 46.5 69.7

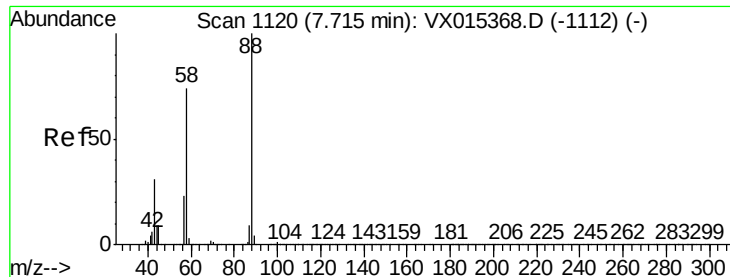


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 985.802 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. 0.00 min

Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

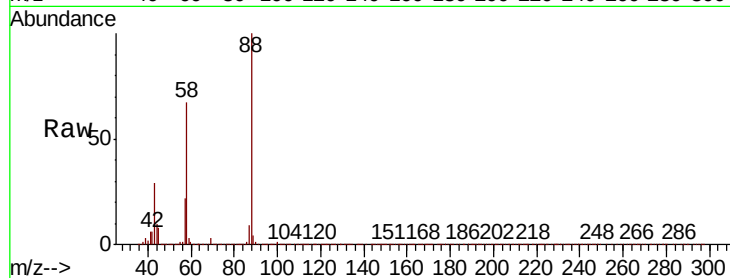
Tot Ion: 88 Resp: 276602

Ion Ratio Lower Upper

88 100

43 34.9 30.1 45.1

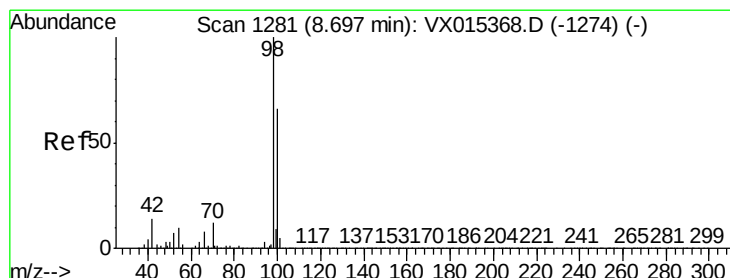
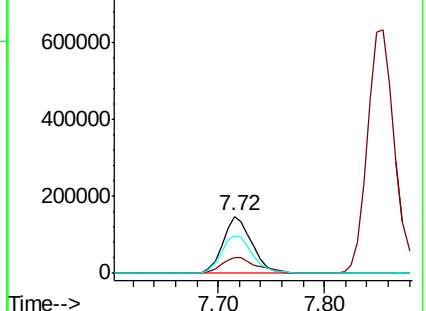
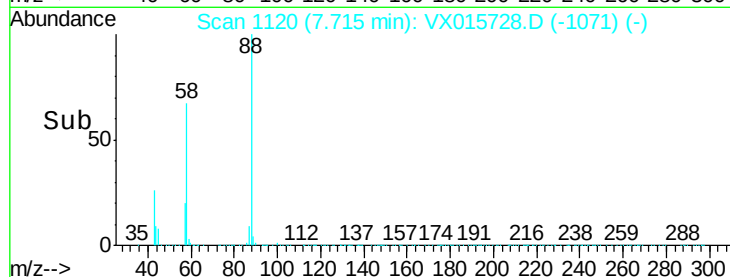
58 72.5 60.6 90.8



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 52.498 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015728.D

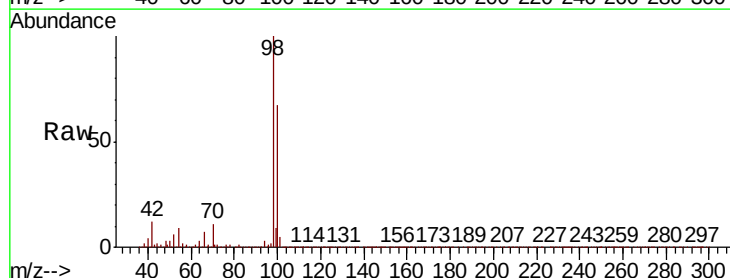
Acq: 16 Apr 2020 21:17

Tgt Ion: 98 Resp: 1837049

Ion Ratio Lower Upper

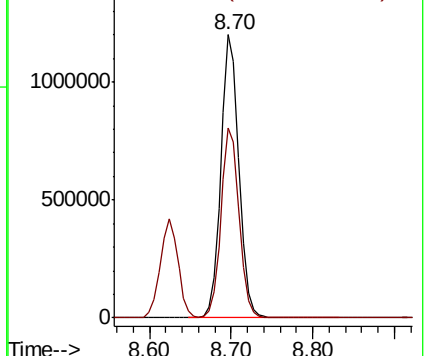
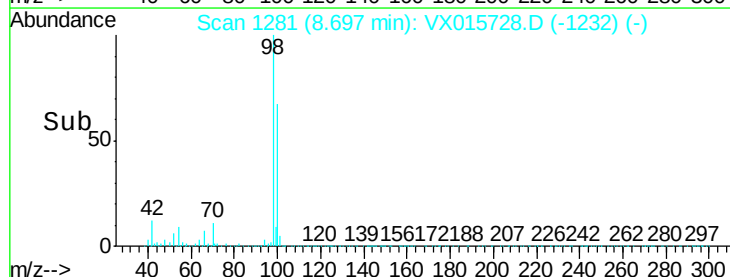
98 100

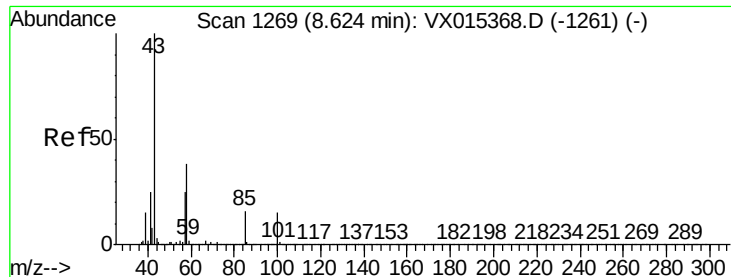
100 67.5 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

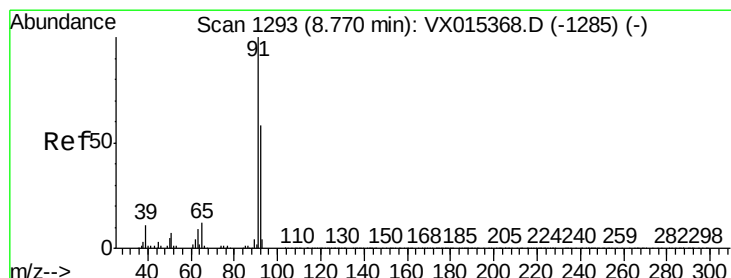
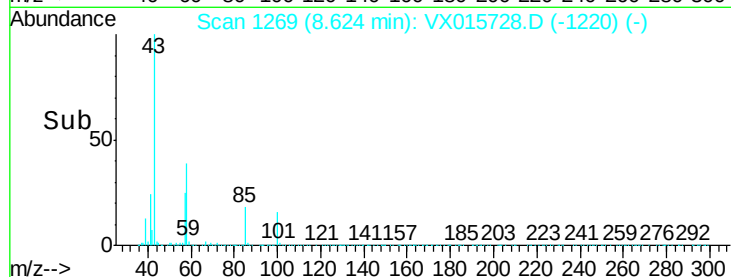
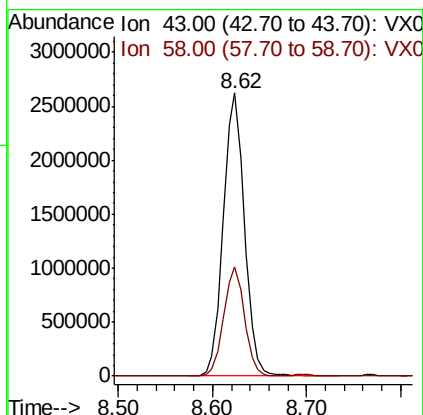
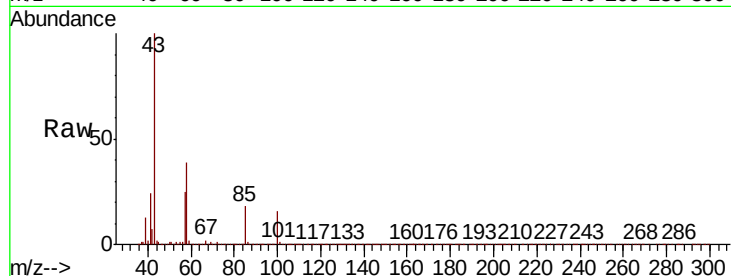




#51
4-Methyl-2-Pentanone
Concen: 238.919 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

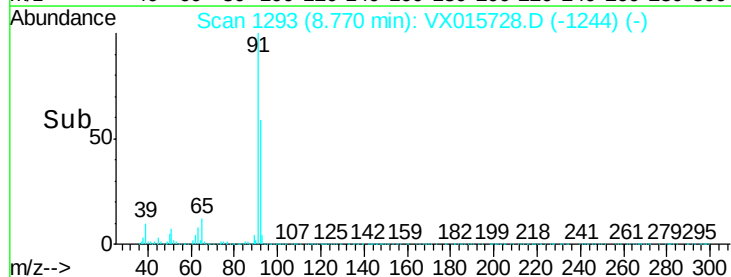
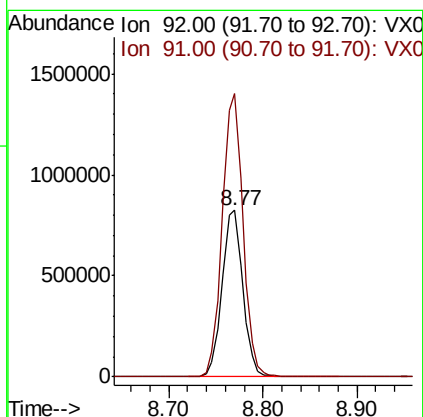
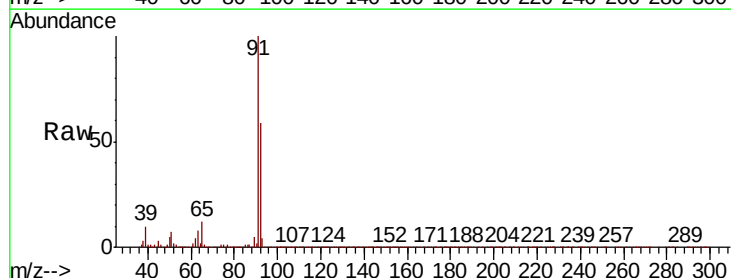
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

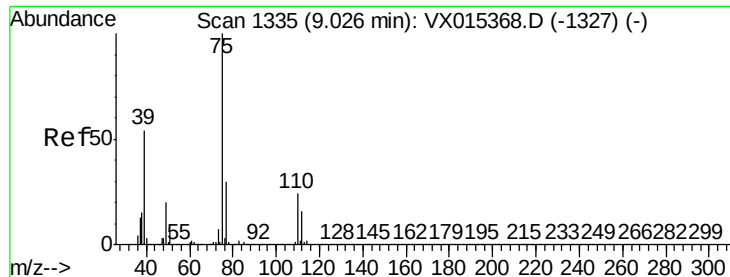
Tot Ion: 43 Resp: 4077218
Ion Ratio Lower Upper
43 100
58 38.0 29.7 44.5



#52
Toluene
Concen: 50.955 ug/l
RT: 8.77 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

Tgt Ion: 92 Resp: 1260694
Ion Ratio Lower Upper
92 100
91 169.6 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 45.012 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

Instrument :

MSVOA_X

ClientSampleId :

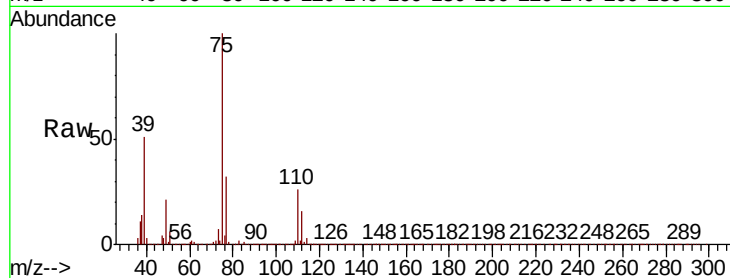
VSTDCCC050EC

Tot Ion: 75 Resp: 810053

Ion Ratio Lower Upper

75 100

77 32.3 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

600000

500000

400000

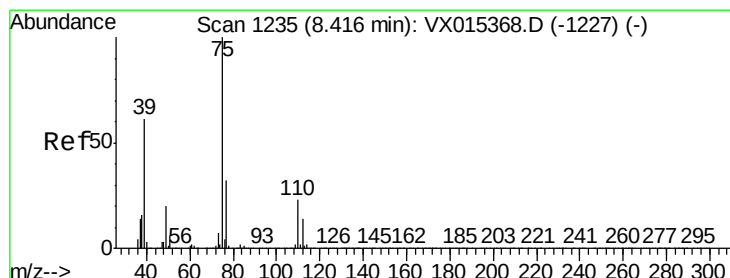
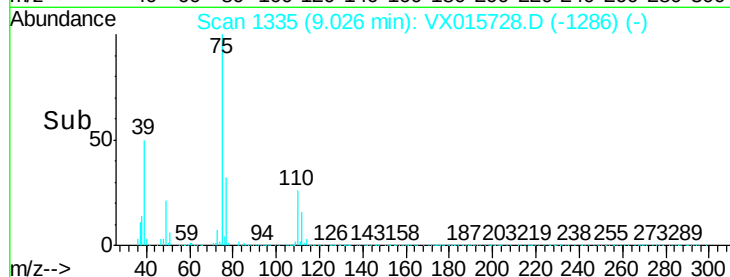
300000

200000

100000

0

Time--> 8.90 9.00 9.10



#54

cis-1,3-Dichloropropene

Concen: 47.237 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

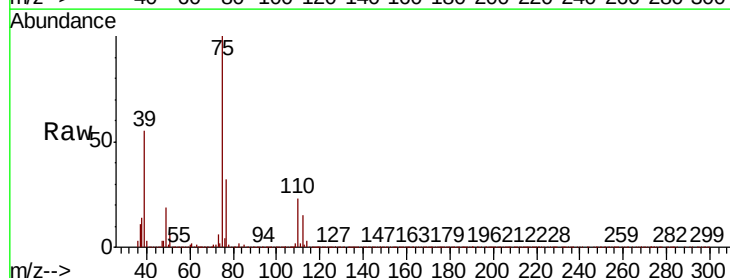
Tgt Ion: 75 Resp: 865954

Ion Ratio Lower Upper

75 100

77 32.4 25.8 38.6

39 54.6 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

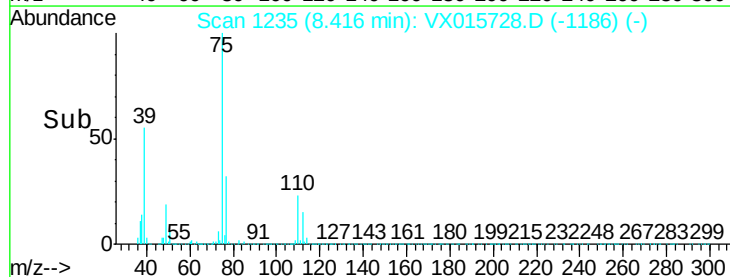
600000

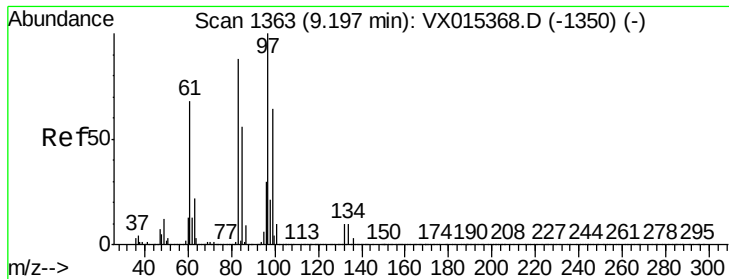
400000

200000

0

Time--> 8.30 8.40 8.50

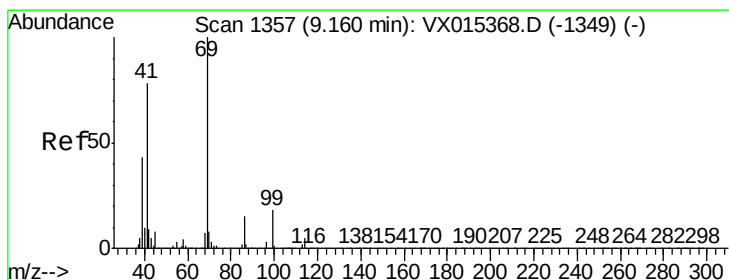
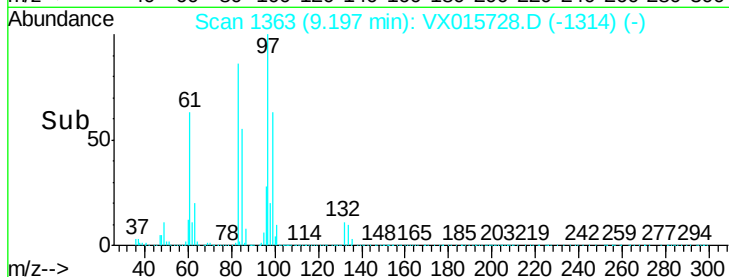
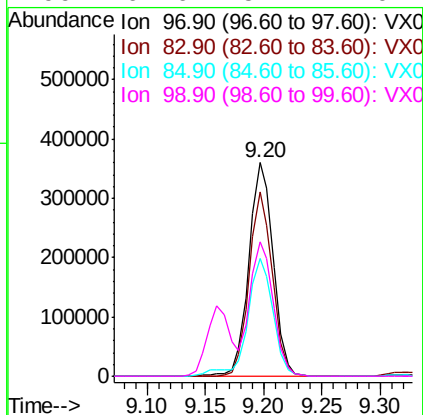
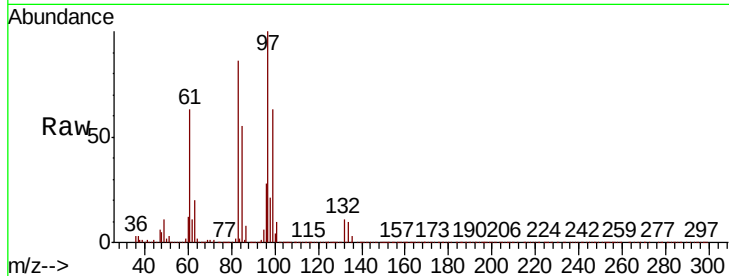




#55
 1,1,2-Trichloroethane
 Concen: 51.585 ug/l
 RT: 9.20 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VX015728.D
 Acq: 16 Apr 2020 21:17

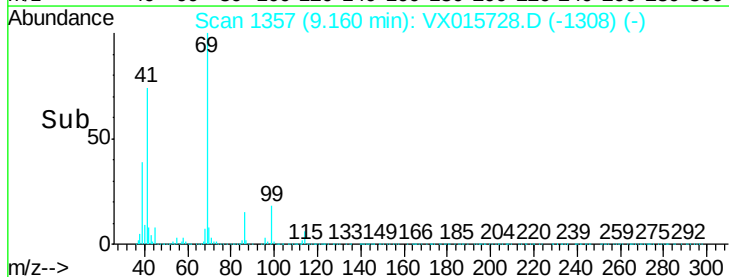
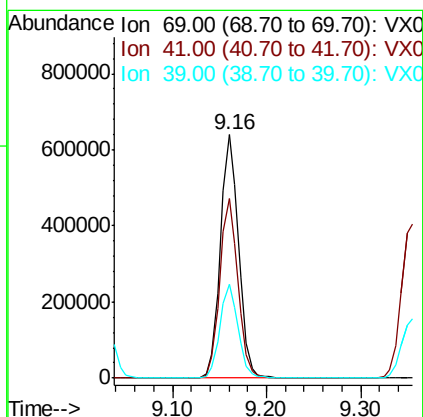
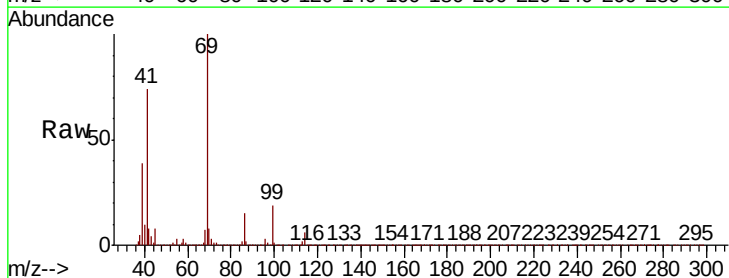
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

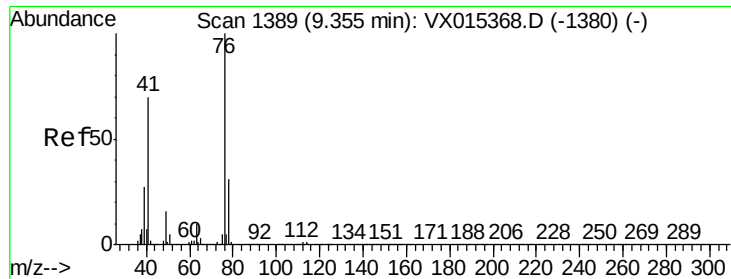
Tot Ion:	97	Resp:	522901
Ion	Ratio	Lower	Upper
97	100		
83	86.0	70.2	105.4
85	55.3	44.7	67.1
99	62.6	51.1	76.7



#56
 Ethyl methacrylate
 Concen: 48.092 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: VX015728.D
 Acq: 16 Apr 2020 21:17

Tgt Ion:	69	Resp:	859133
Ion	Ratio	Lower	Upper
69	100		
41	73.3	61.6	92.4
39	38.2	34.0	51.0





#57

1,3-Dichloropropane

Concen: 49.032 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

Instrument :

MSVOA_X

ClientSampleId :

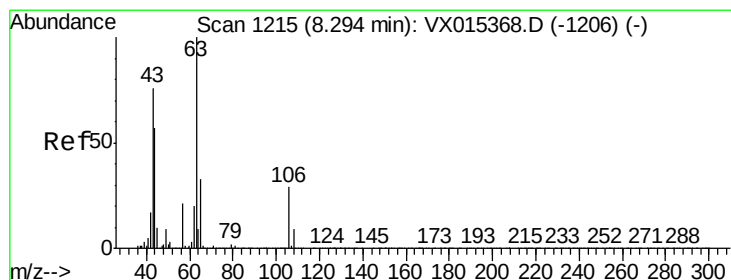
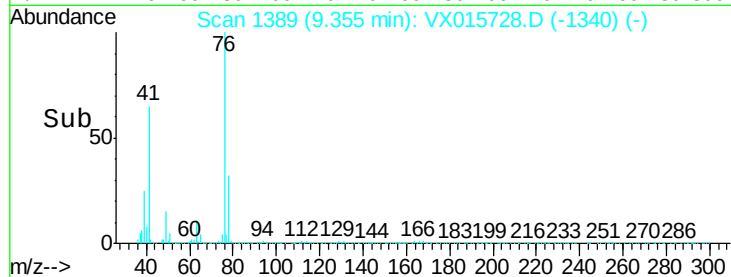
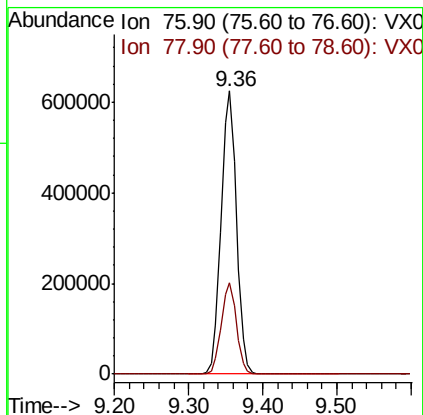
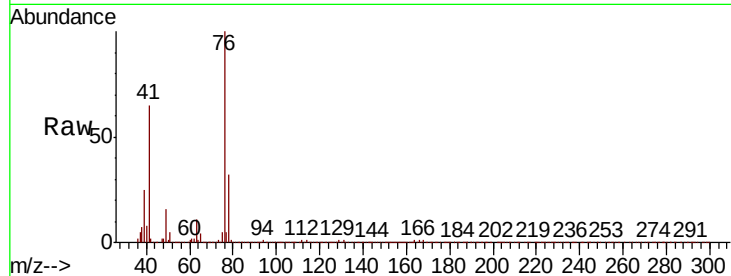
VSTDCCC050EC

Tot Ion: 76 Resp: 895470

Ion Ratio Lower Upper

76 100

78 31.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 244.723 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. 0.00 min

Lab File: VX015728.D

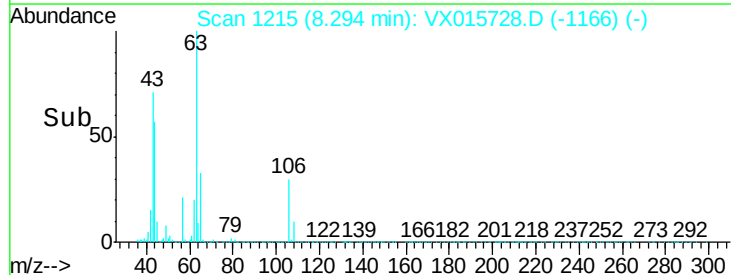
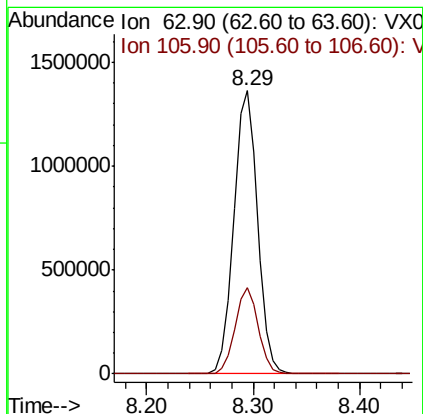
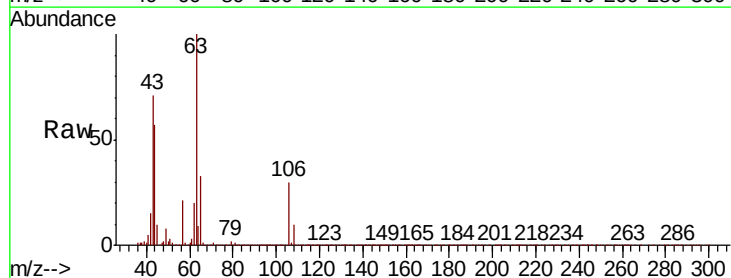
Acq: 16 Apr 2020 21:17

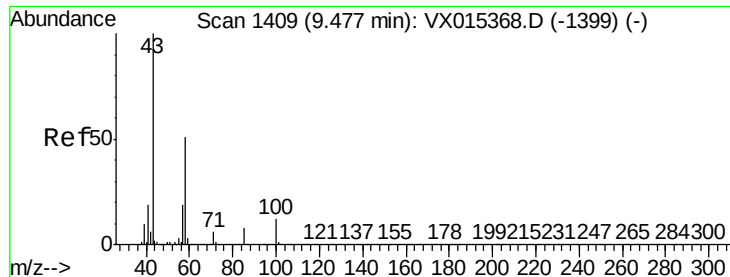
Tgt Ion: 63 Resp: 2126490

Ion Ratio Lower Upper

63 100

106 29.8 22.7 34.1

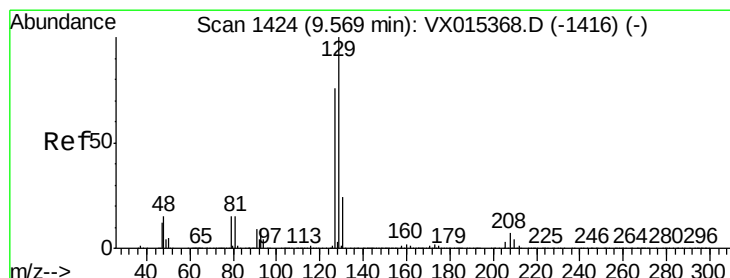
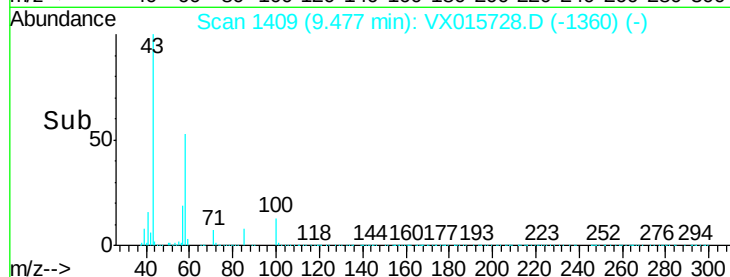
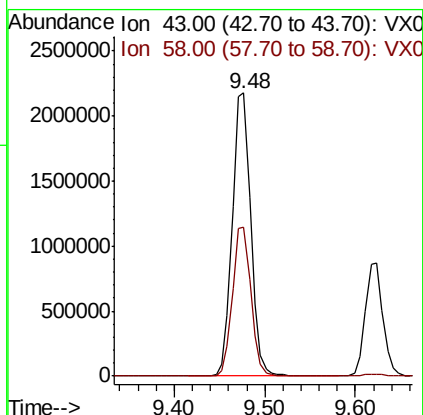
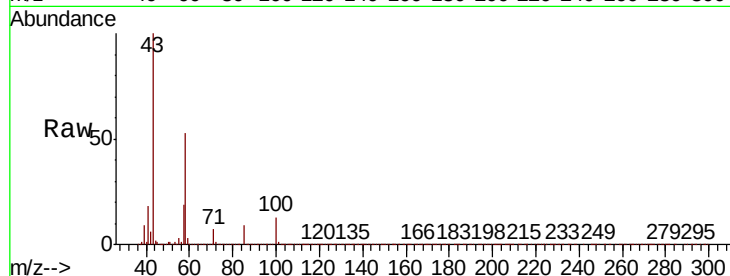




#59
2-Hexanone
Concen: 239.019 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. 0.00 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

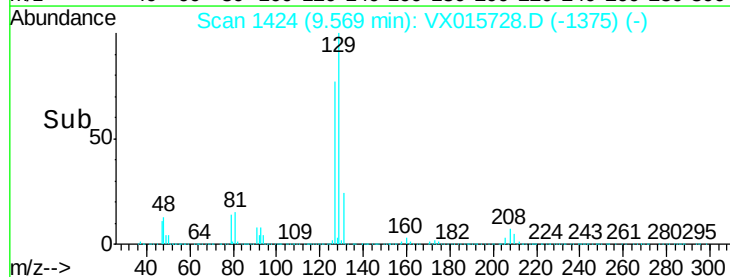
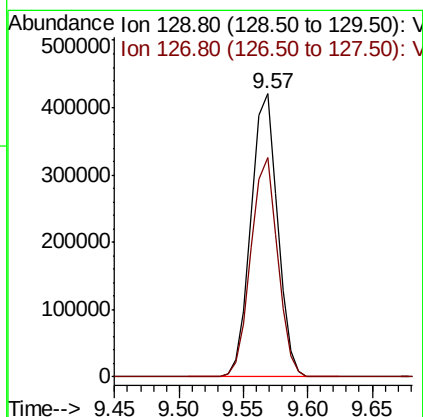
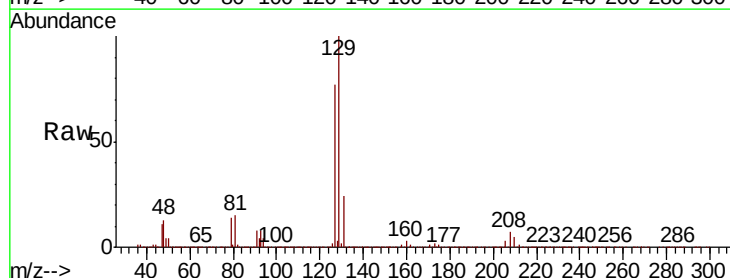
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

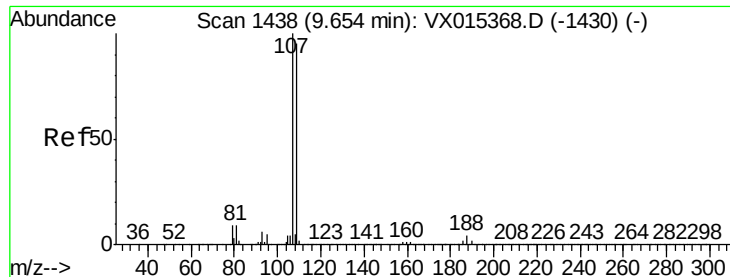
Tot Ion: 43 Resp: 3079507
Ion Ratio Lower Upper
43 100
58 53.0 25.6 76.6



#60
Dibromochloromethane
Concen: 49.001 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

Tgt Ion:129 Resp: 596857
Ion Ratio Lower Upper
129 100
127 78.1 38.2 114.6





#61

1,2-Dibromoethane

Concen: 50.458 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

Instrument :

MSVOA_X

ClientSampleId :

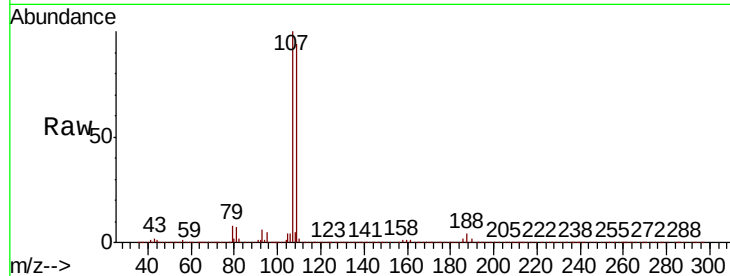
VSTDCCC050EC

Tot Ion: 107 Resp: 556142

Ion Ratio Lower Upper

107 100

109 93.3 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

400000

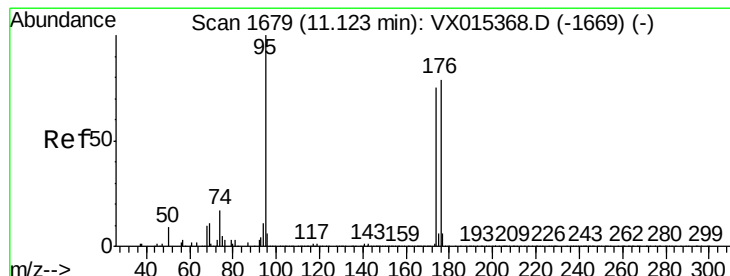
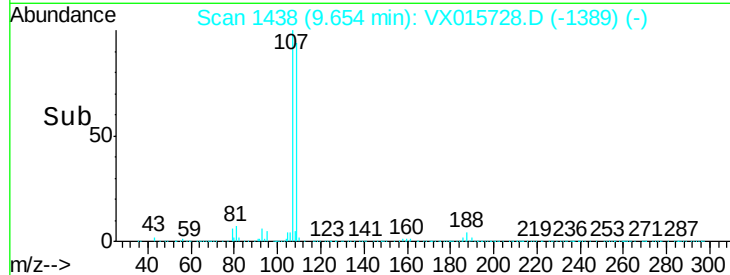
300000

200000

100000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 51.597 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

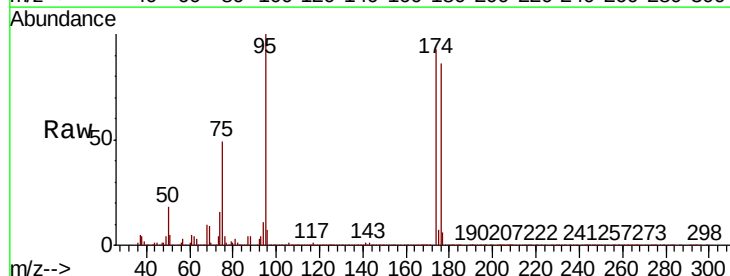
Tgt Ion: 95 Resp: 733770

Ion Ratio Lower Upper

95 100

174 90.7 0.0 158.6

176 88.1 0.0 159.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

800000

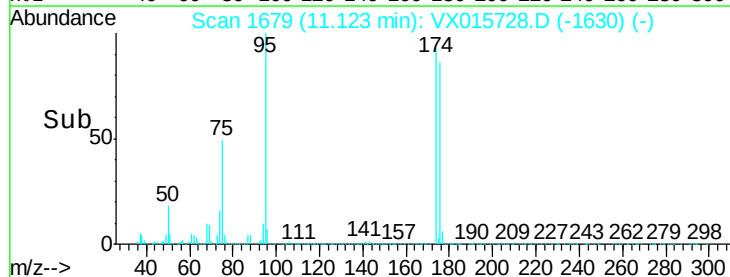
600000

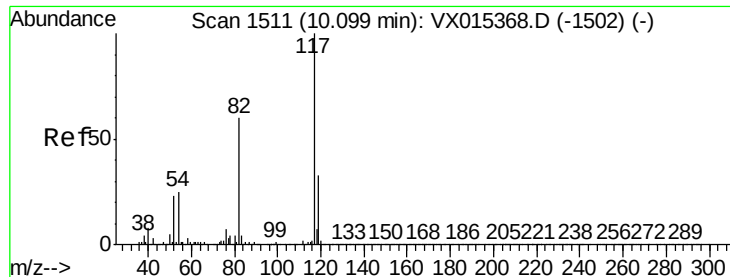
400000

200000

0

Time--> 11.10 11.12 11.20

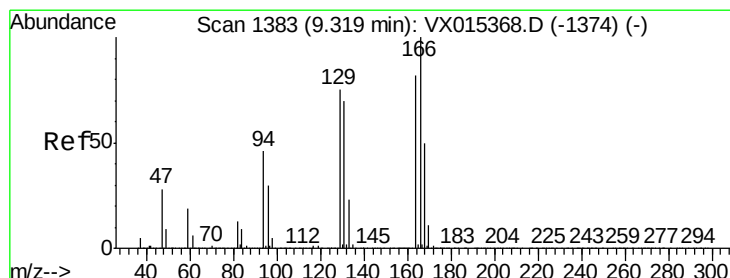
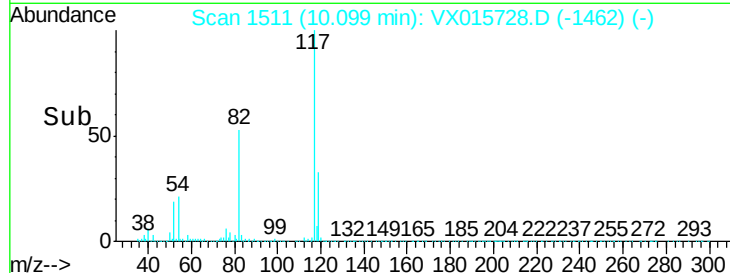
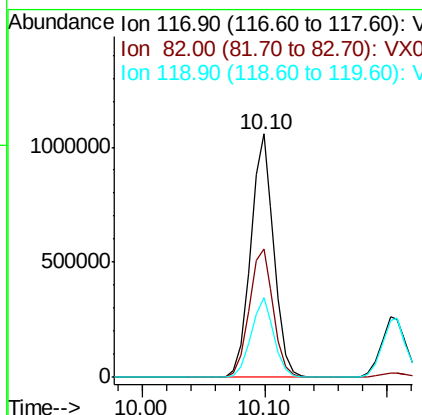
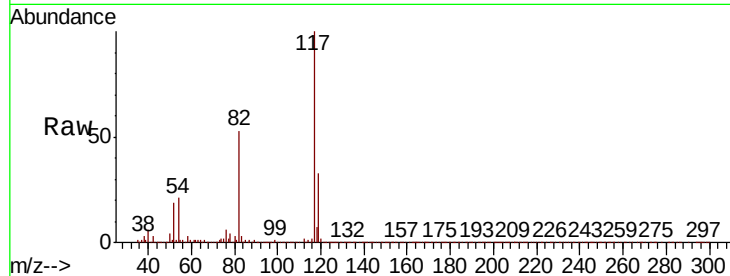




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

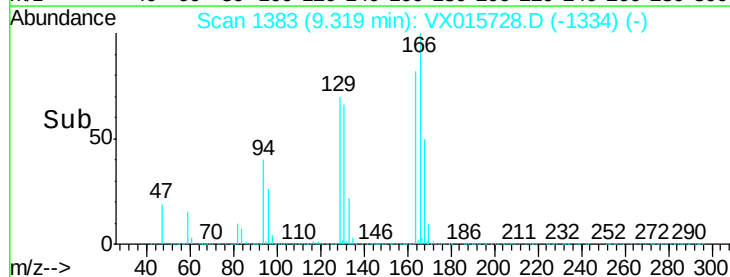
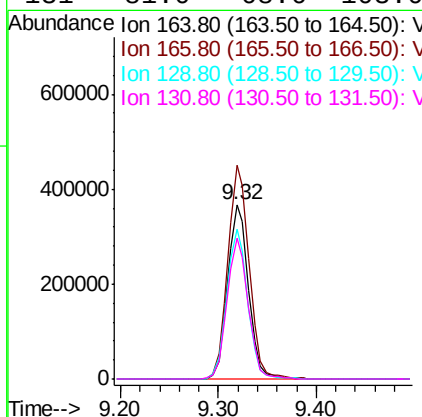
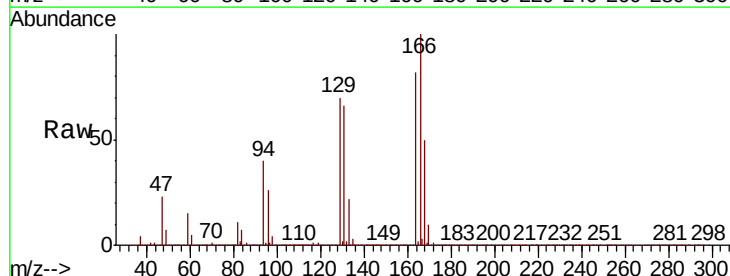
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

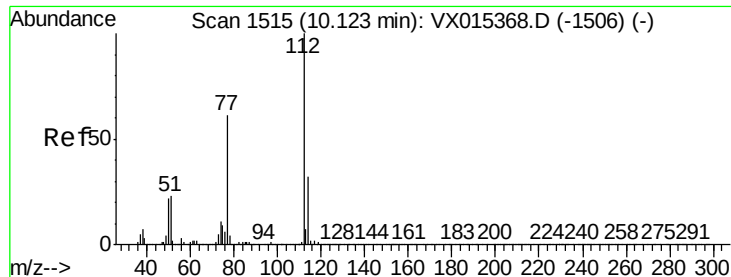
Tot Ion:117 Resp: 1385909
Ion Ratio Lower Upper
117 100
82 52.9 47.8 71.8
119 32.7 26.8 40.2



#64
Tetrachloroethene
Concen: 51.941 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

Tgt Ion:164 Resp: 543255
Ion Ratio Lower Upper
164 100
166 122.5 97.8 146.6
129 85.7 73.0 109.4
131 81.0 68.6 103.0





#65

Chlorobenzene

Concen: 50.744 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

Instrument :

MSVOA_X

ClientSampleId :

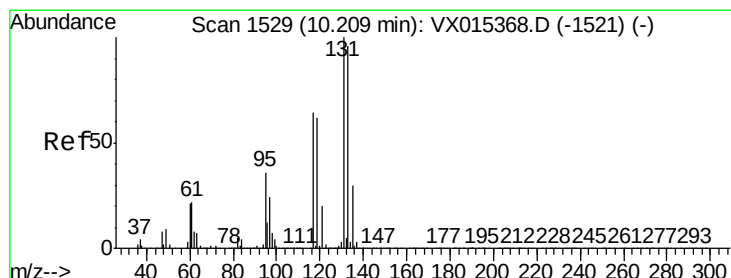
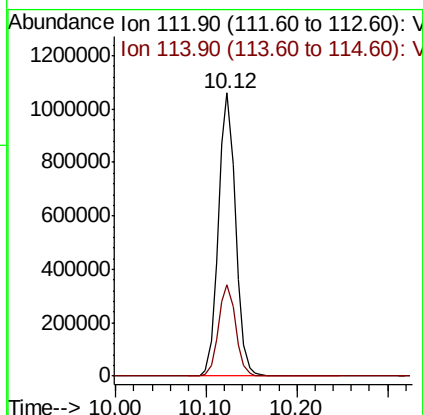
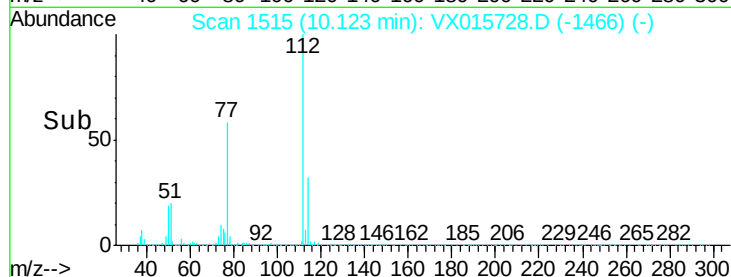
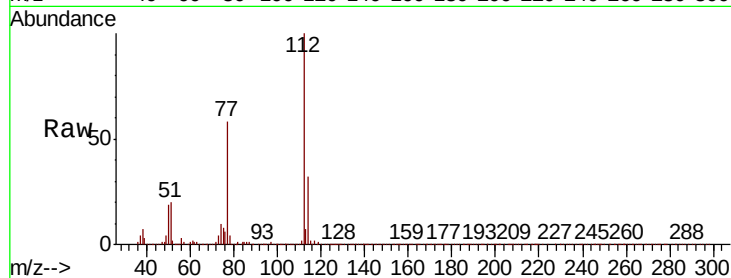
VSTDCCC050EC

Tot Ion:112 Resp: 1402513

Ion Ratio Lower Upper

112 100

114 32.4 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 50.401 ug/l

RT: 10.21 min Scan# 1529

Delta R.T. 0.00 min

Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

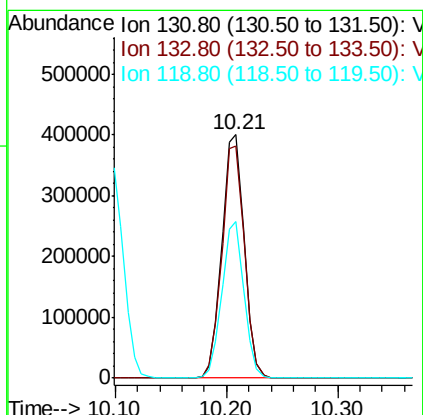
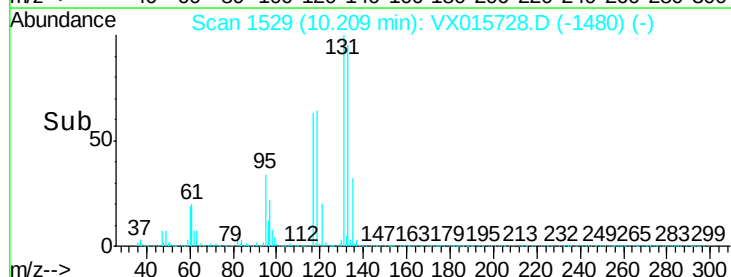
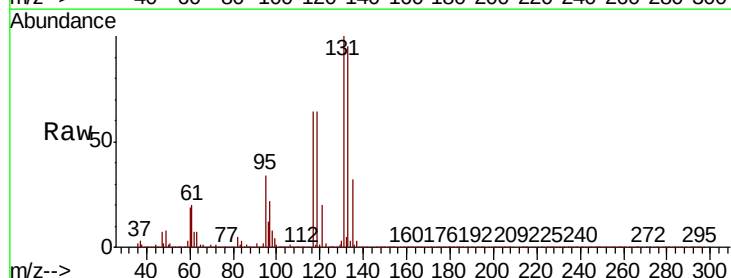
Tgt Ion:131 Resp: 556530

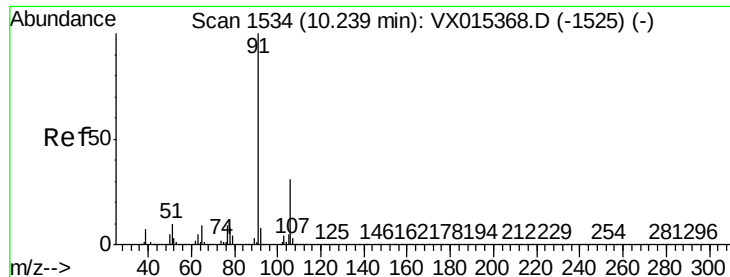
Ion Ratio Lower Upper

131 100

133 96.0 47.6 142.9

119 63.3 31.1 93.3





#67

Ethyl Benzene

Concen: 50.039 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

Instrument :

MSVOA_X

ClientSampleId :

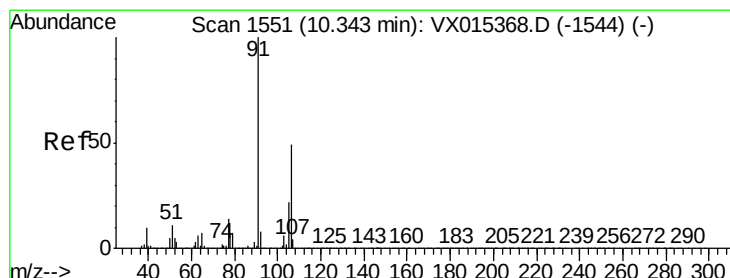
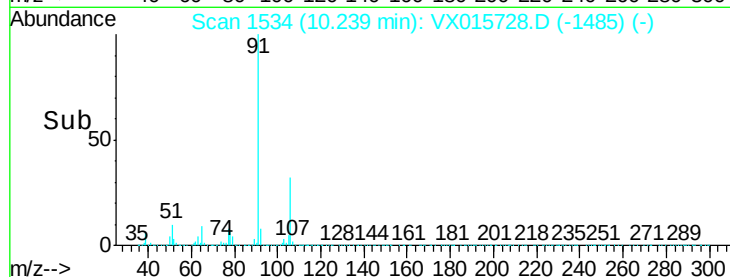
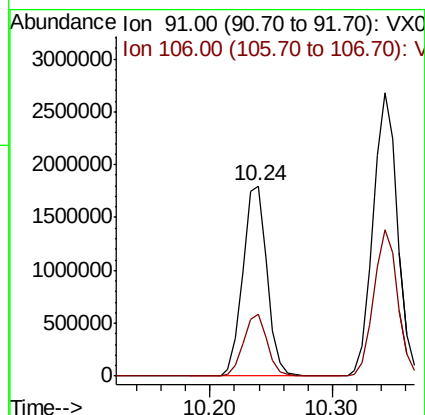
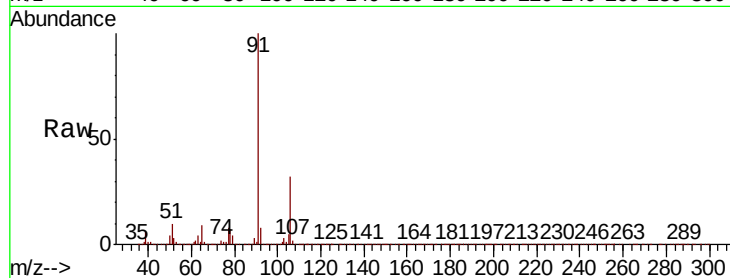
VSTDCCC050EC

Tot Ion: 91 Resp: 2452966

Ion Ratio Lower Upper

91 100

106 32.3 24.8 37.2



#68

m/p-Xylenes

Concen: 103.332 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015728.D

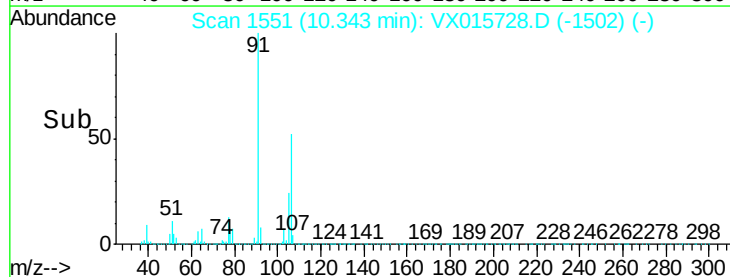
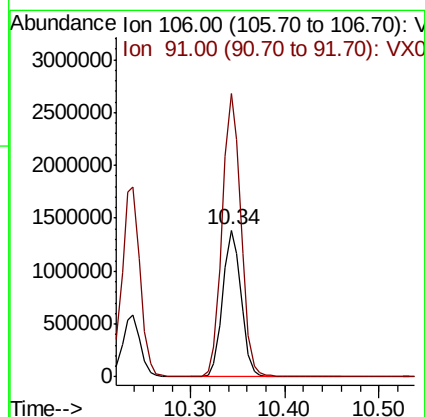
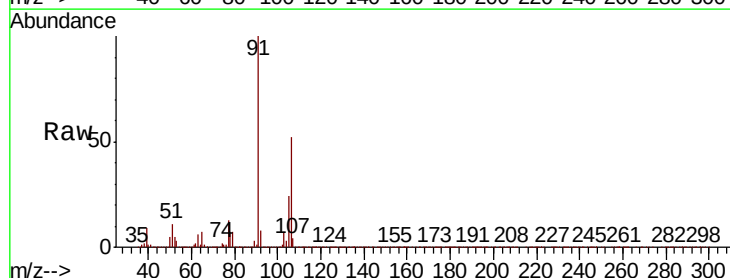
Acq: 16 Apr 2020 21:17

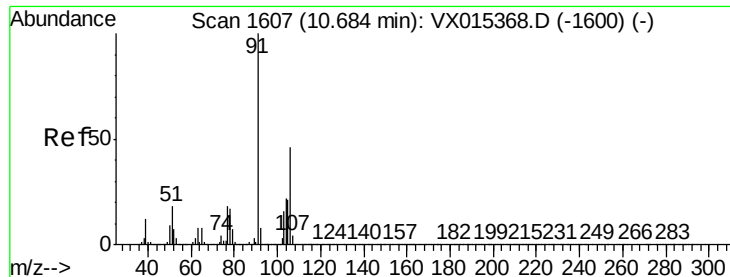
Tgt Ion: 106 Resp: 1886185

Ion Ratio Lower Upper

106 100

91 196.1 163.4 245.0

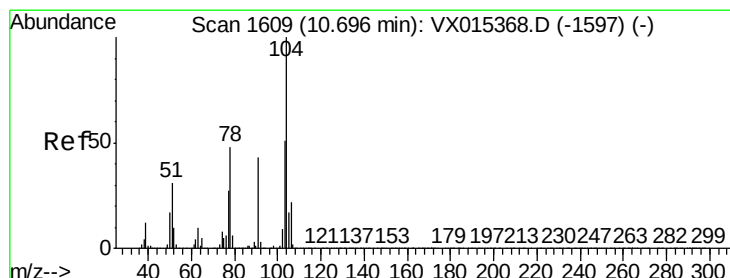
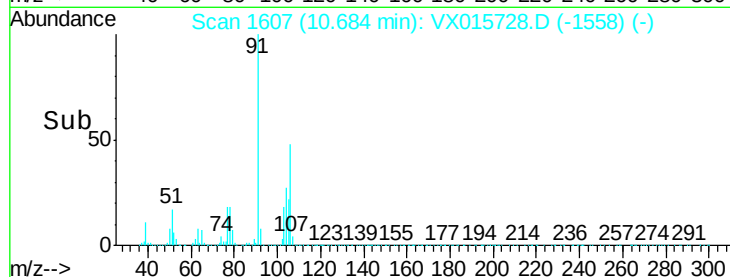
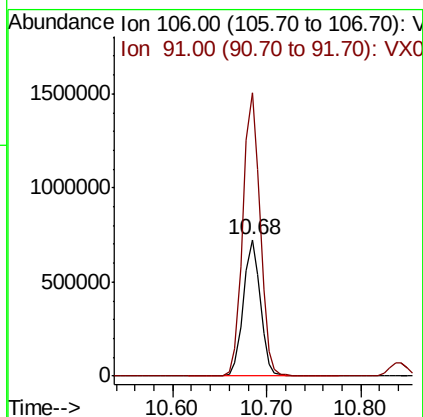
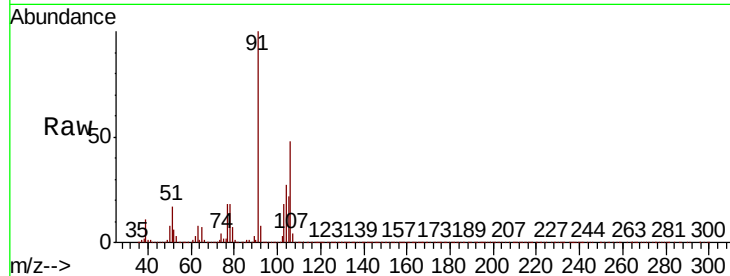




#69
o-Xylene
Concen: 50.467 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

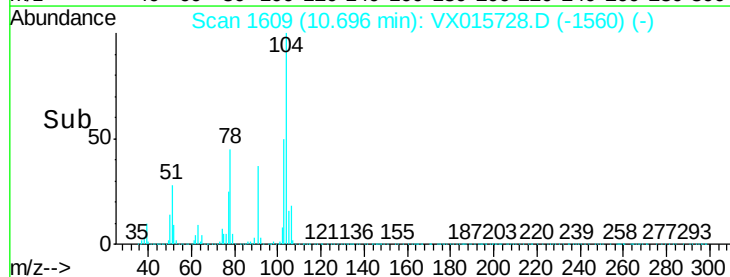
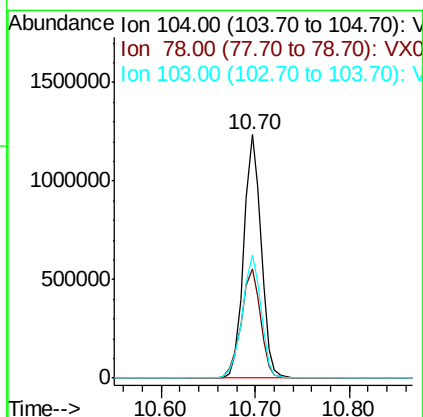
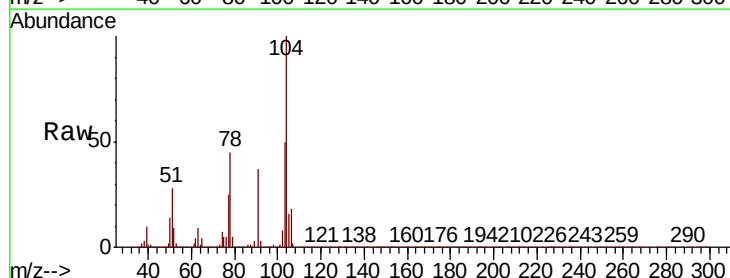
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

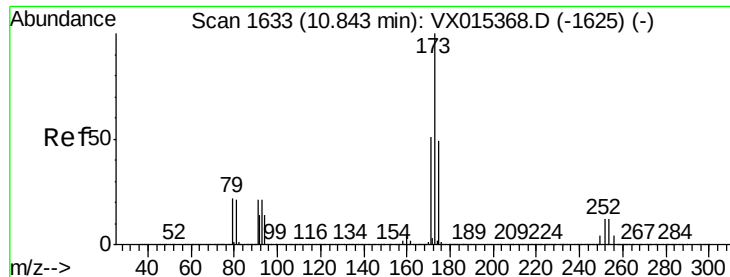
Tot Ion:106 Resp: 910305
Ion Ratio Lower Upper
106 100
91 211.3 107.1 321.3



#70
Styrene
Concen: 50.128 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

Tgt Ion:104 Resp: 1591071
Ion Ratio Lower Upper
104 100
78 50.2 42.0 63.0
103 54.5 43.4 65.0





#71

Bromoform

Concen: 49.711 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

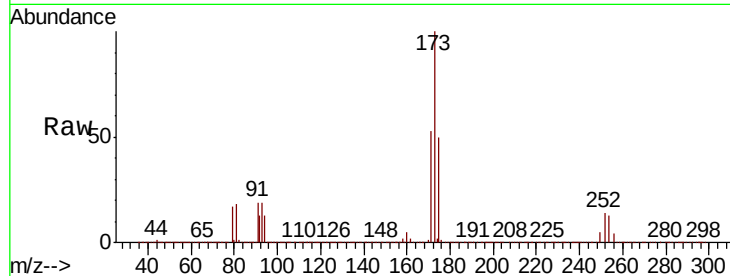
Tot Ion:173 Resp: 499694

Ion Ratio Lower Upper

173 100

175 48.3 23.9 71.7

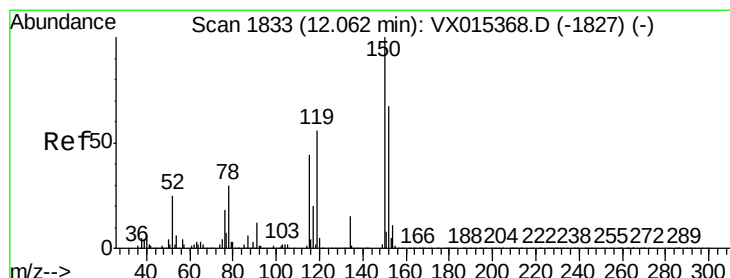
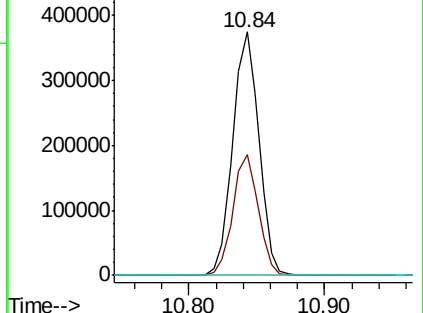
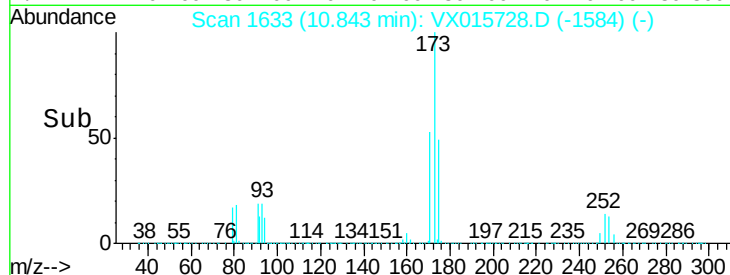
254 0.0 0.1 0.1#



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: VX015728.D

Acq: 16 Apr 2020 21:17

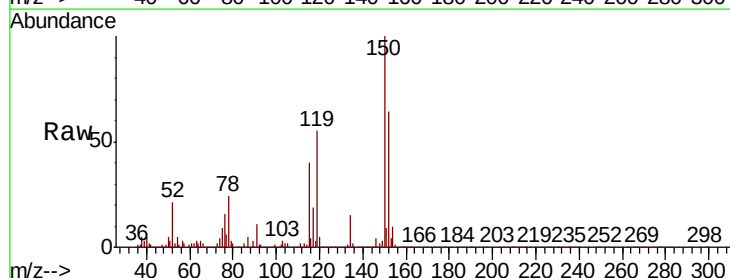
Tgt Ion:152 Resp: 772764

Ion Ratio Lower Upper

152 100

115 76.0 39.0 116.9

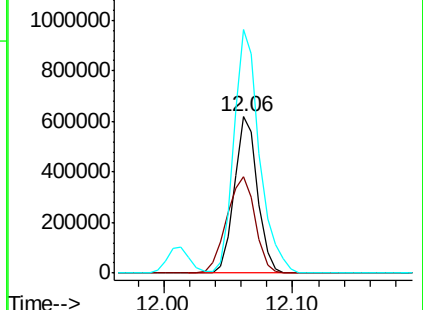
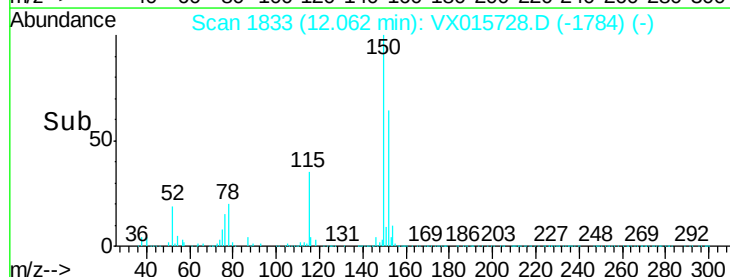
150 172.0 0.0 340.8

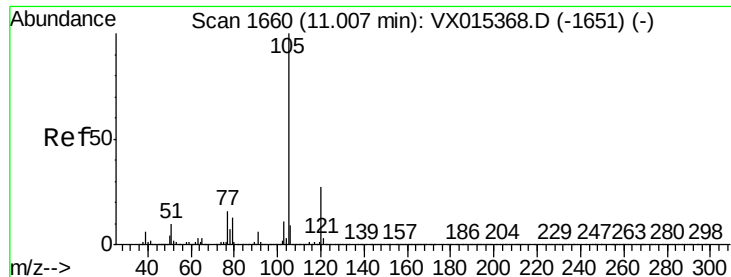


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.214 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

Instrument :

MSVOA_X

ClientSampleId :

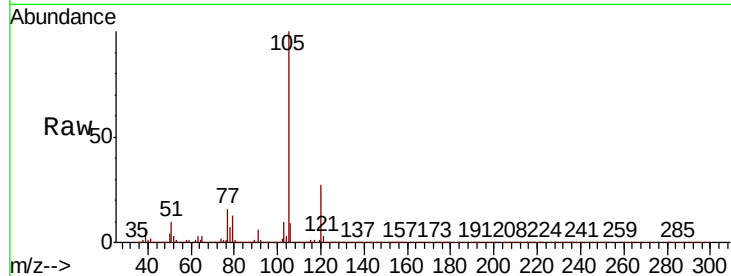
VSTDCCC050EC

Tot Ion:105 Resp: 2441222

Ion Ratio Lower Upper

105 100

120 27.1 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

2000000

1500000

1000000

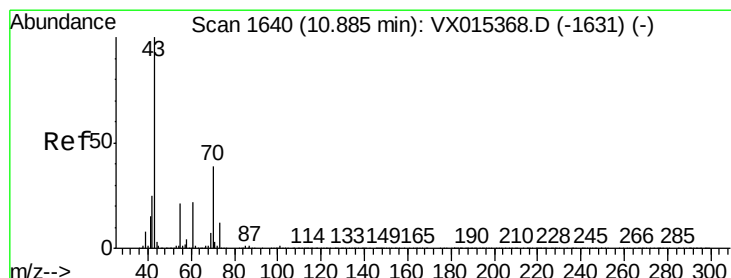
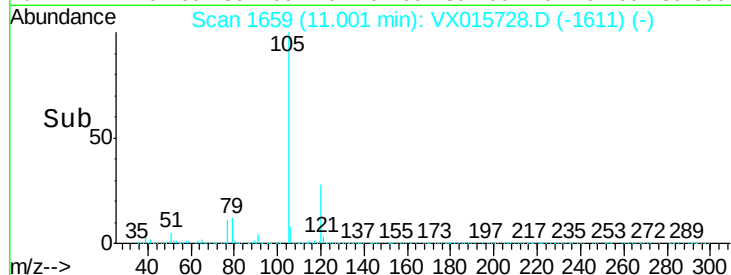
500000

0

11.00

10.90 11.00 11.10

Time-->



#74

N-ethyl acetate

Concen: 41.454 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

Tgt Ion: 43 Resp: 1167404

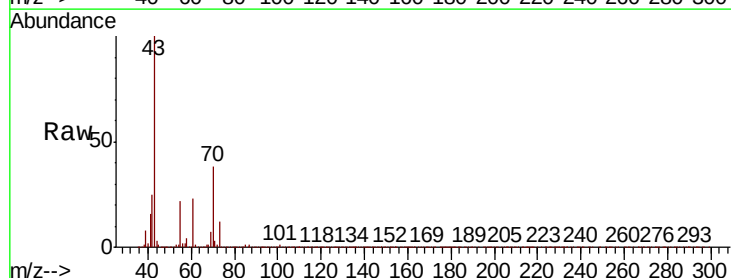
Ion Ratio Lower Upper

43 100

70 40.2 30.2 45.4

55 22.7 16.8 25.2

61 23.5 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

1500000

1000000

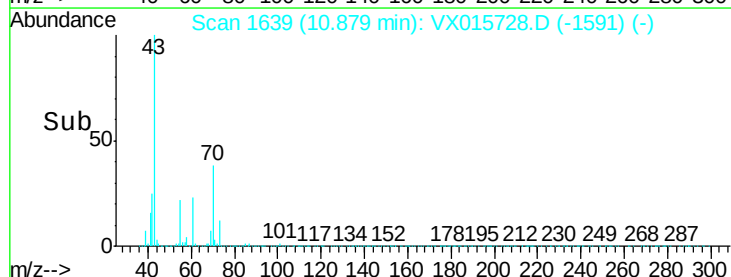
500000

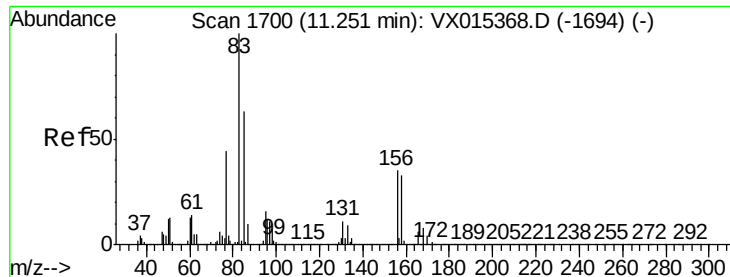
0

10.88

10.80 10.90 11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 45.408 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

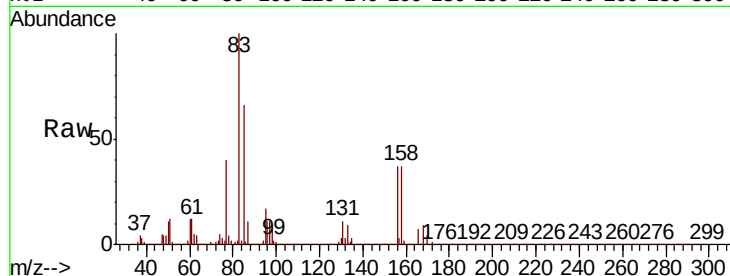
Tot Ion: 83 Resp: 788924

Ion Ratio Lower Upper

83 100

131 11.3 5.3 16.1

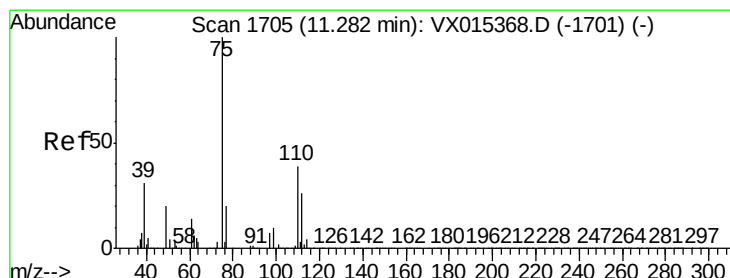
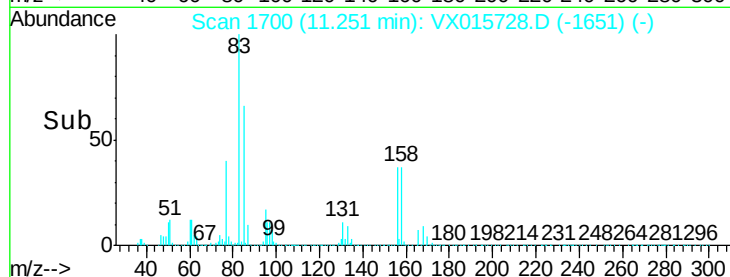
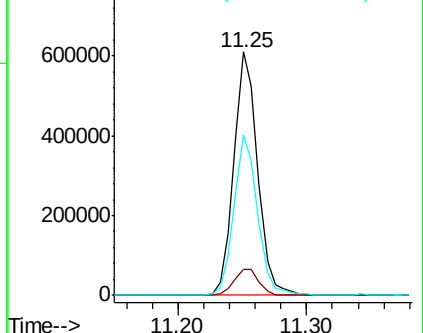
85 65.1 32.0 96.0



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: 59.023 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015728.D

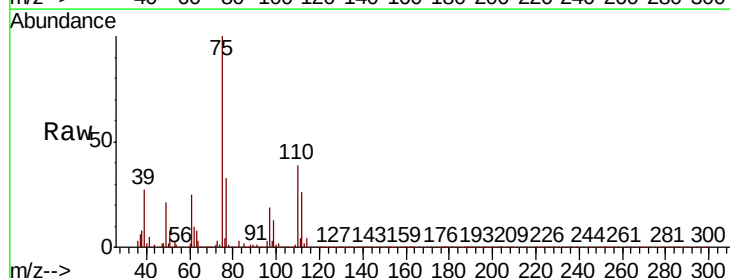
Acq: 16 Apr 2020 21:17

Tgt Ion: 75 Resp: 937944

Ion Ratio Lower Upper

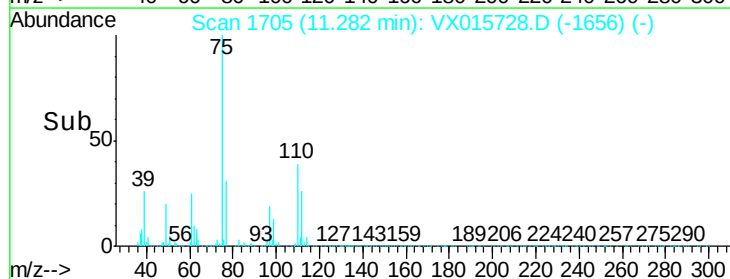
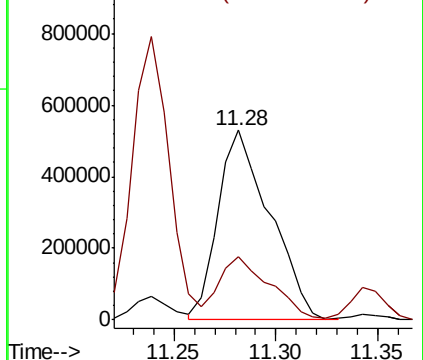
75 100

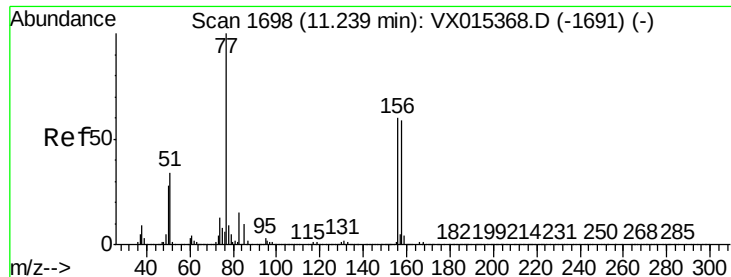
77 32.4 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.569 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

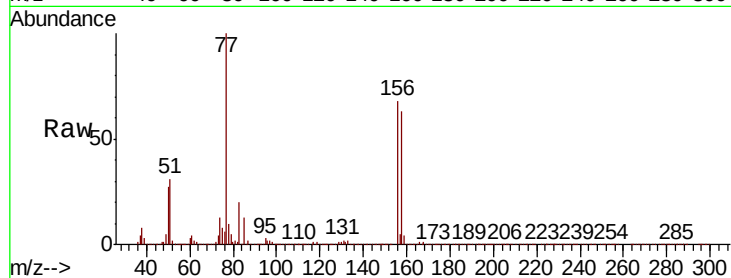
Tot Ion:156 Resp: 669472

Ion Ratio Lower Upper

156 100

77 149.8 82.2 246.5

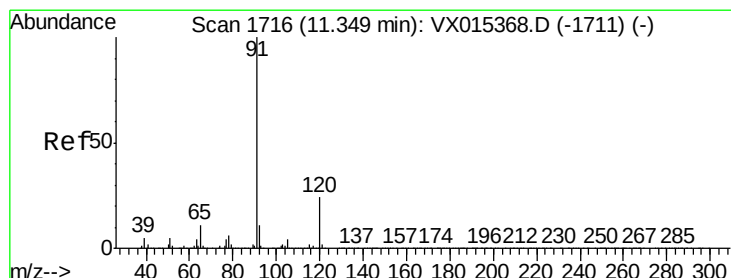
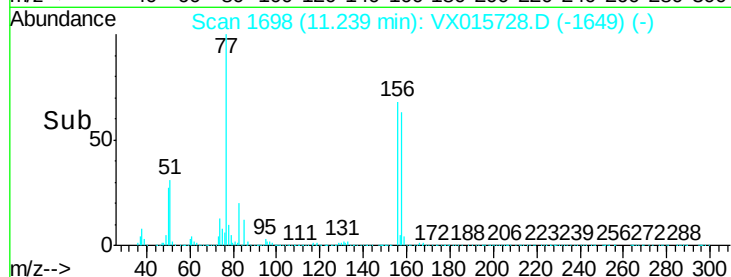
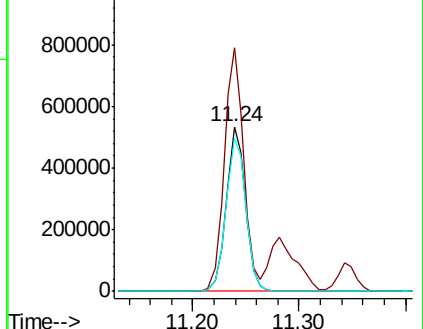
158 96.9 49.3 147.9



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: 47.372 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.01 min

Lab File: VX015728.D

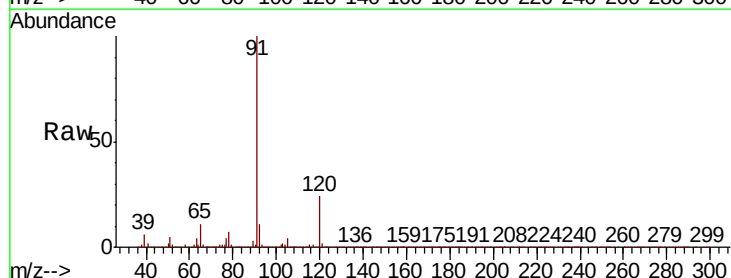
Acq: 16 Apr 2020 21:17

Tgt Ion: 91 Resp: 2742739

Ion Ratio Lower Upper

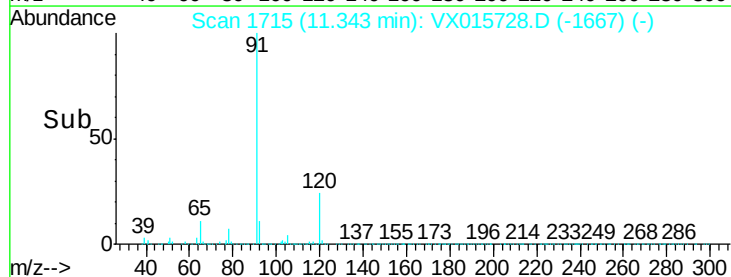
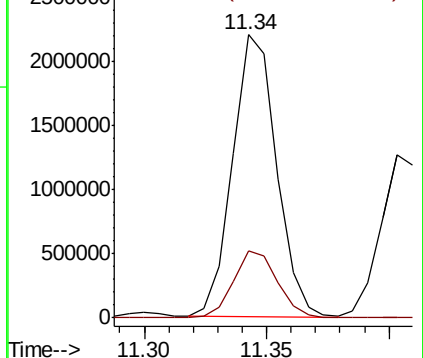
91 100

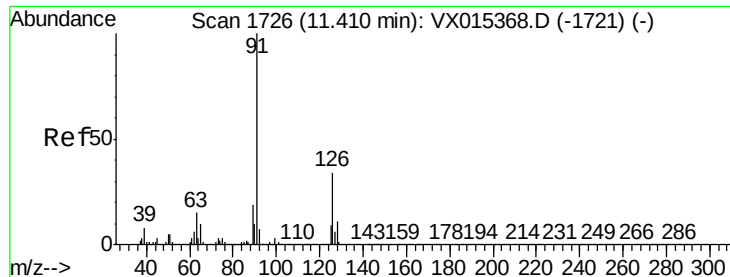
120 23.9 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

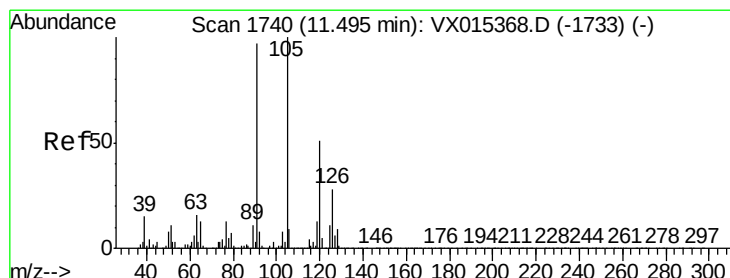
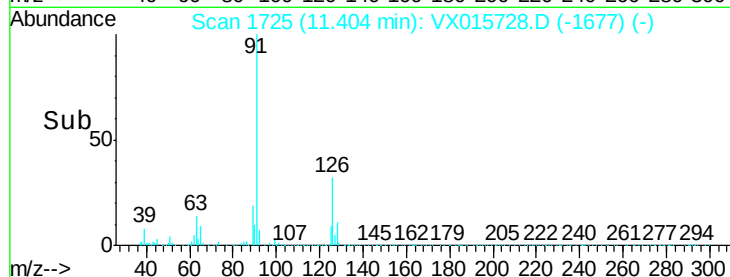
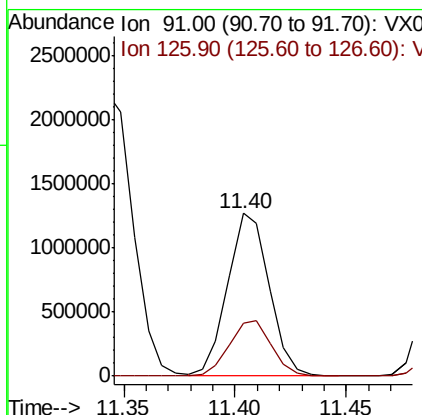
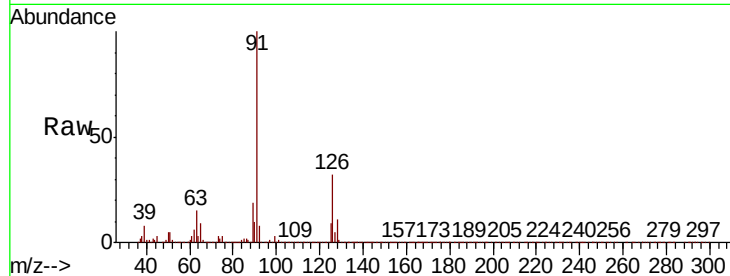




#79
 2-Chlorotoluene
 Concen: 46.466 ug/l
 RT: 11.40 min Scan# 1725
 Delta R.T. -0.01 min
 Lab File: VX015728.D
 Acq: 16 Apr 2020 21:17

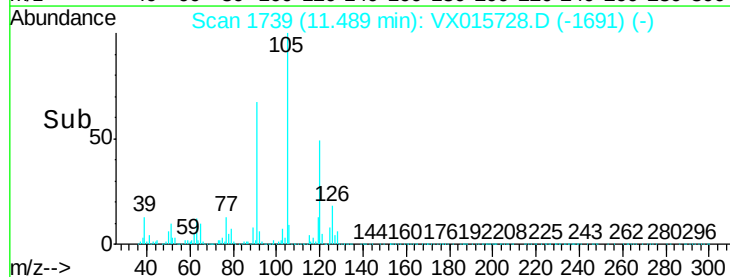
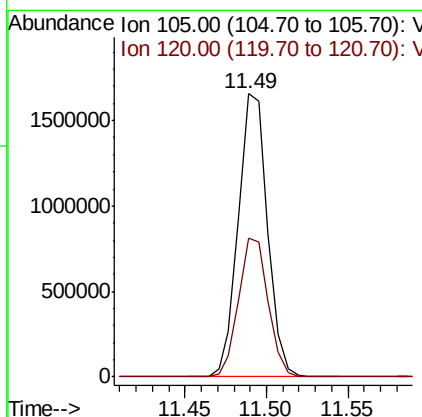
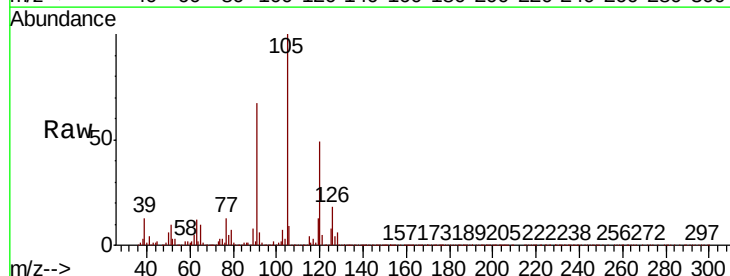
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

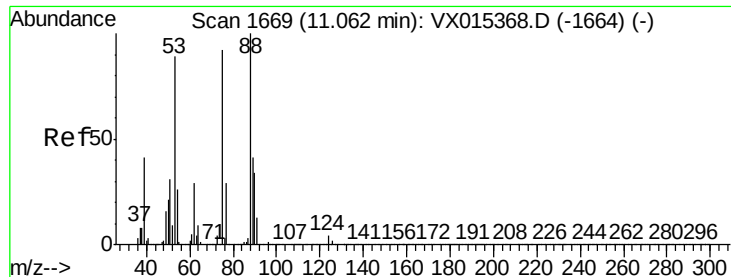
Tot Ion: 91 Resp: 1648931
 Ion Ratio Lower Upper
 91 100
 126 34.8 16.5 49.5



#80
 1,3,5-Trimethylbenzene
 Concen: 47.870 ug/l
 RT: 11.49 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: VX015728.D
 Acq: 16 Apr 2020 21:17

Tgt Ion: 105 Resp: 2070025
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.8 74.4

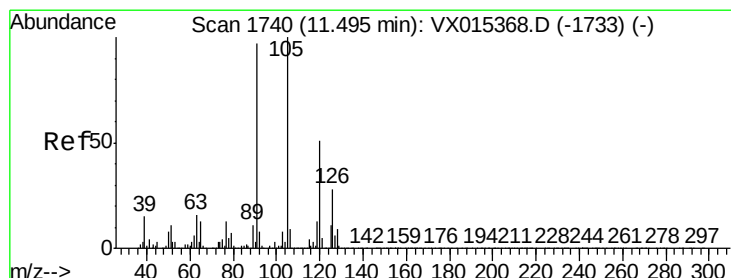
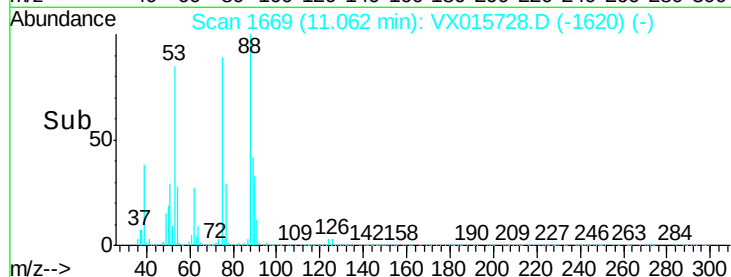
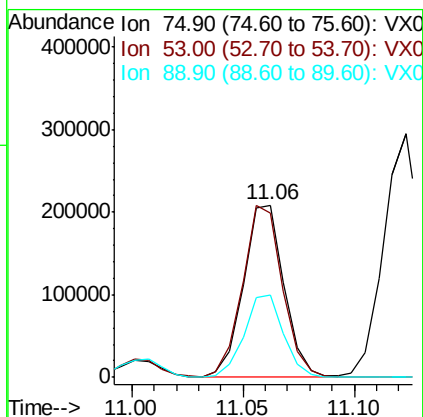
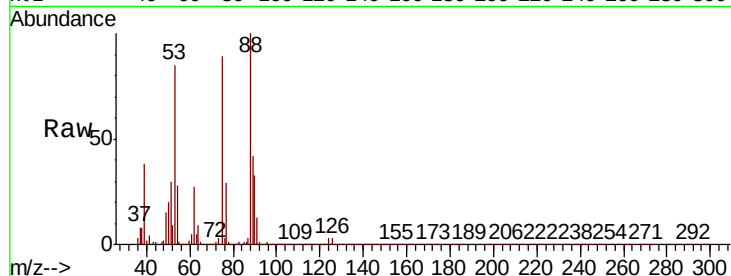




#81
trans-1,4-Dichloro-2-butene
Concen: 40.004 ug/l
RT: 11.06 min Scan# 1669
Delta R.T. 0.00 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

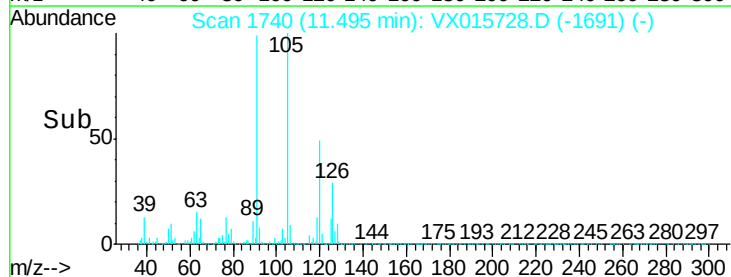
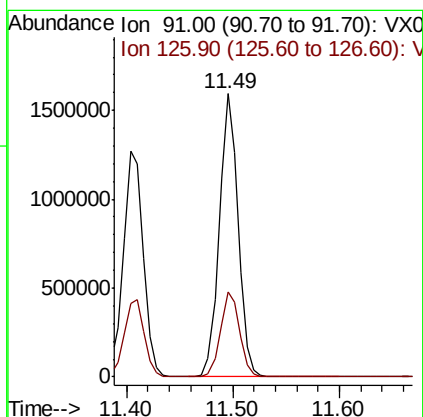
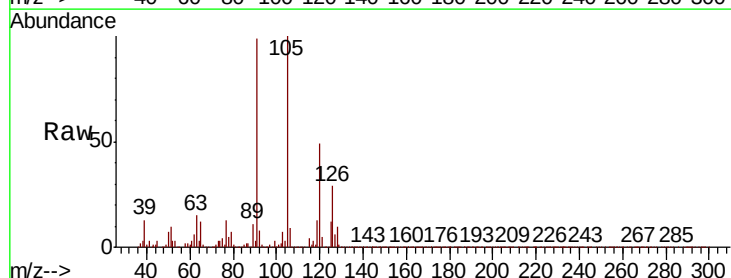
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

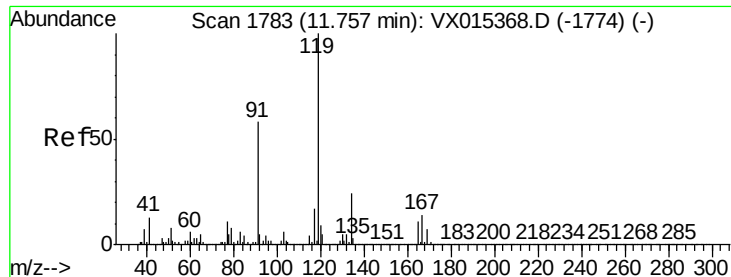
Tot Ion: 75 Resp: 264943
Ion Ratio Lower Upper
75 100
53 99.1 80.1 120.1
89 46.1 36.1 54.1



#82
4-Chlorotoluene
Concen: 46.878 ug/l
RT: 11.49 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

Tgt Ion: 91 Resp: 1950189
Ion Ratio Lower Upper
91 100
126 30.5 14.7 44.1

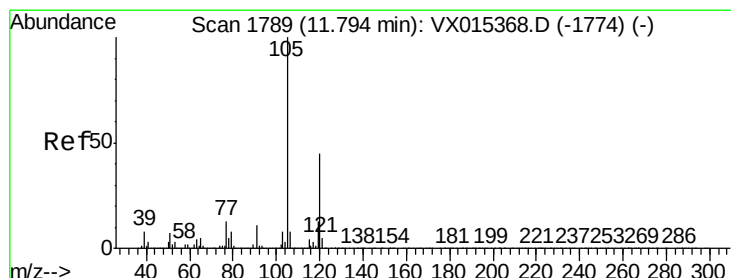
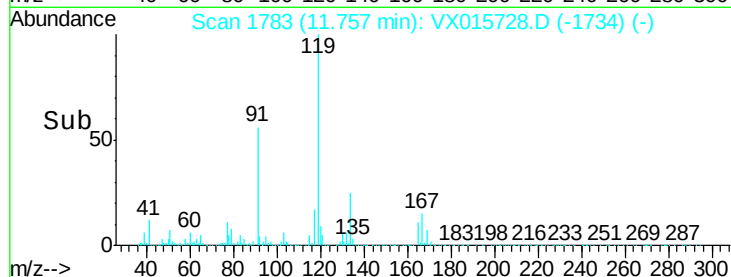
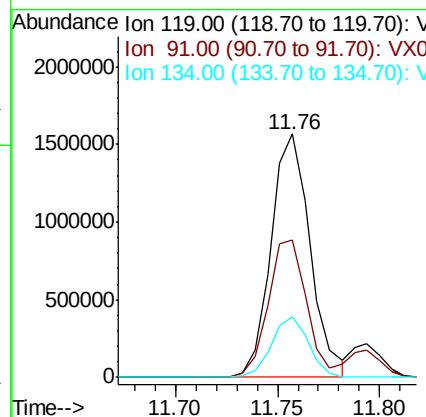
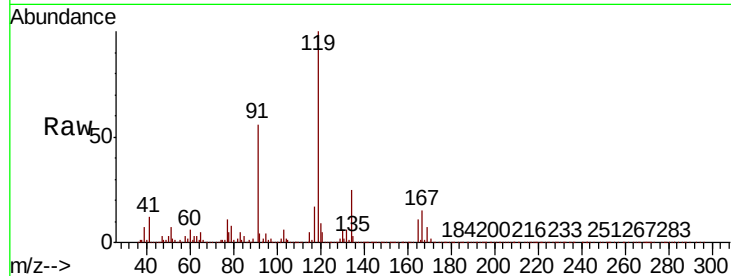




#83
tert-Butylbenzene
Concen: 49.628 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

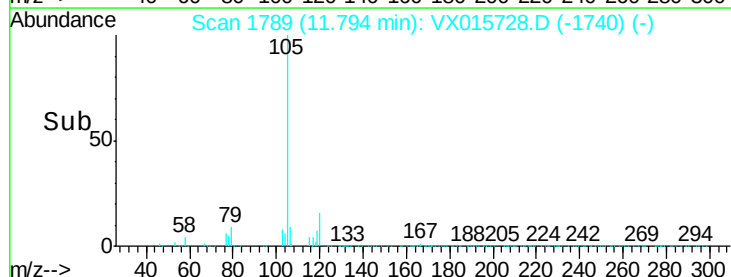
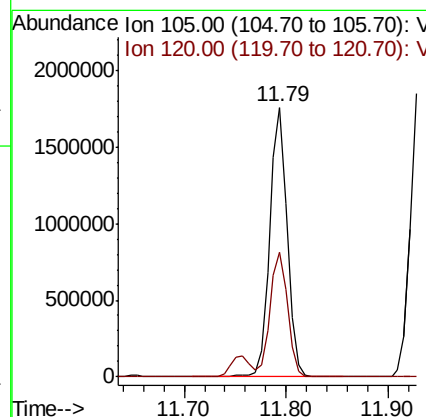
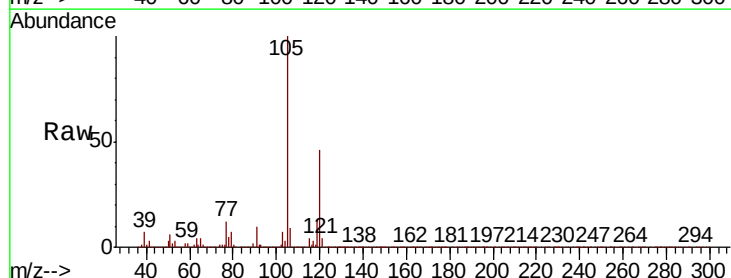
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

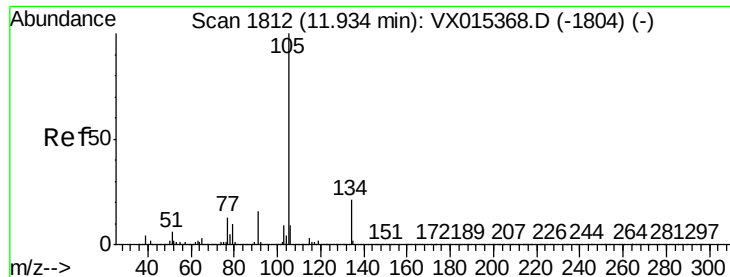
Tot Ion:119 Resp: 2096195
Ion Ratio Lower Upper
119 100
91 55.1 28.6 85.8
134 23.7 11.8 35.3



#84
1,2,4-Trimethylbenzene
Concen: 47.480 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

Tgt Ion:105 Resp: 2092261
Ion Ratio Lower Upper
105 100
120 46.8 22.7 68.1





#85

sec-Butylbenzene

Concen: 49.438 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

Instrument :

MSVOA_X

ClientSampleId :

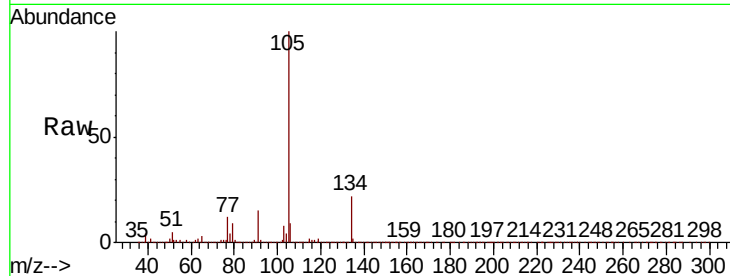
VSTDCCC050EC

Tot Ion:105 Resp: 2415038

Ion Ratio Lower Upper

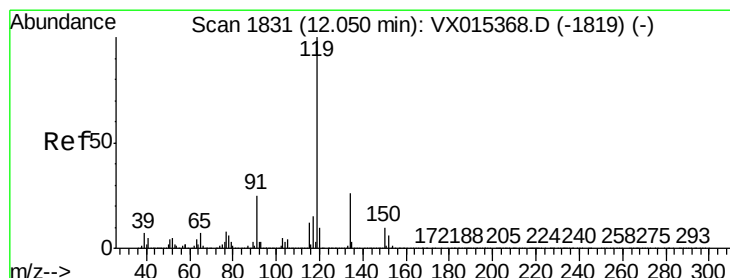
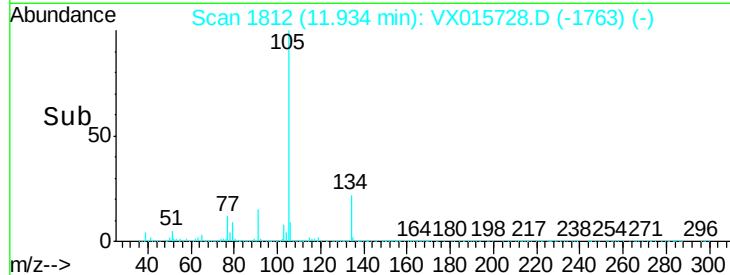
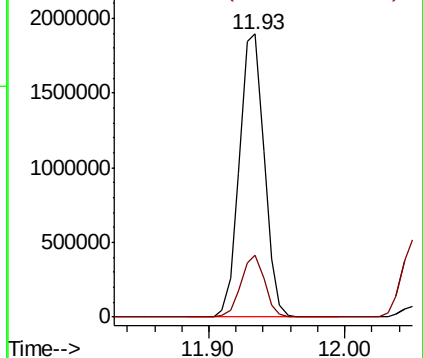
105 100

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: 49.802 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

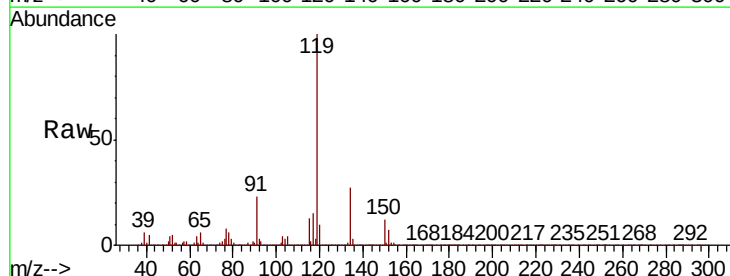
Tgt Ion:119 Resp: 2258533

Ion Ratio Lower Upper

119 100

134 26.6 13.1 39.3

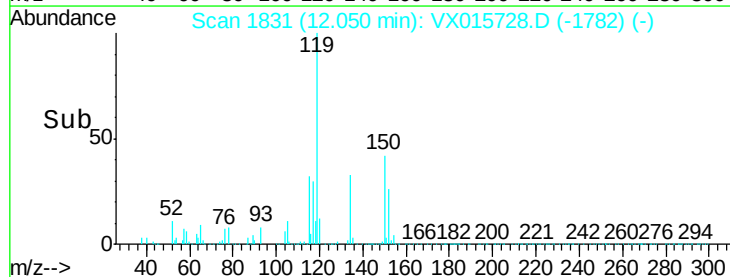
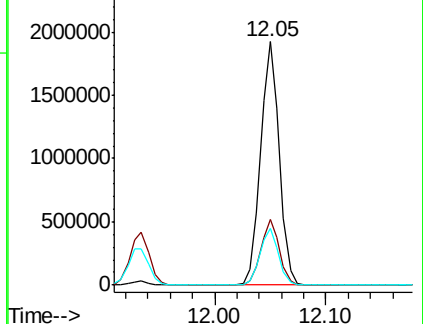
91 23.0 12.4 37.4

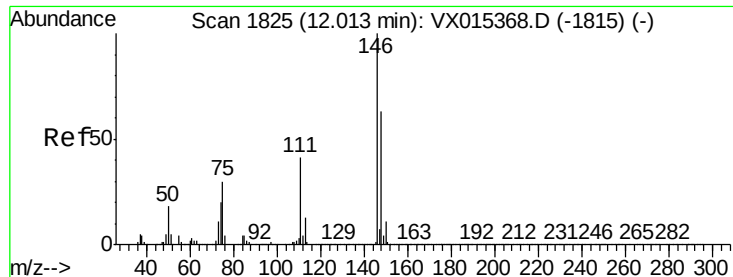


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

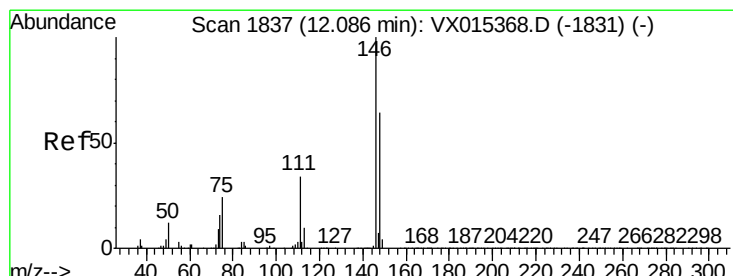
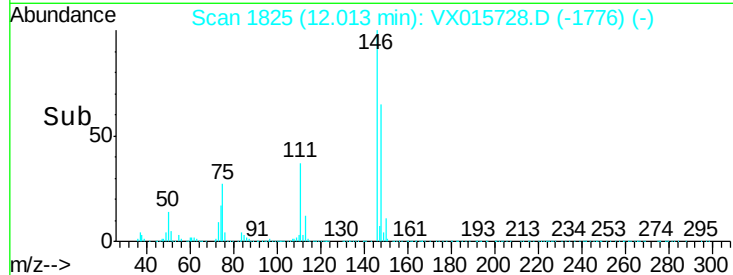
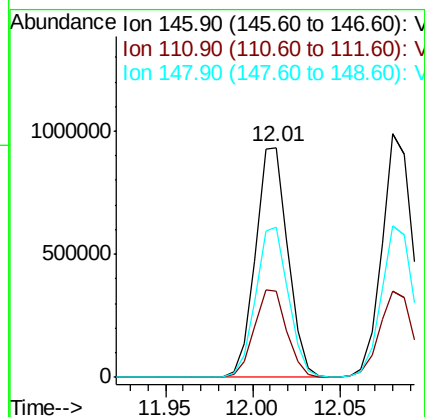
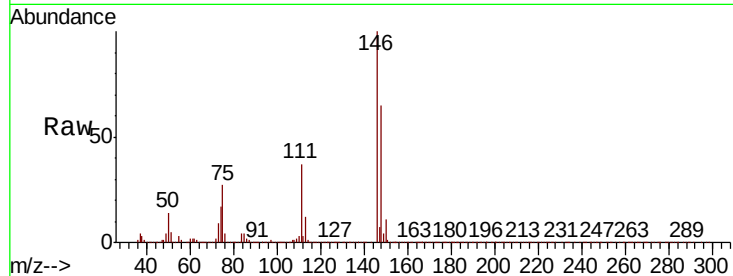




#87
 1,3-Dichlorobenzene
 Concen: 49.851 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015728.D
 Acq: 16 Apr 2020 21:17

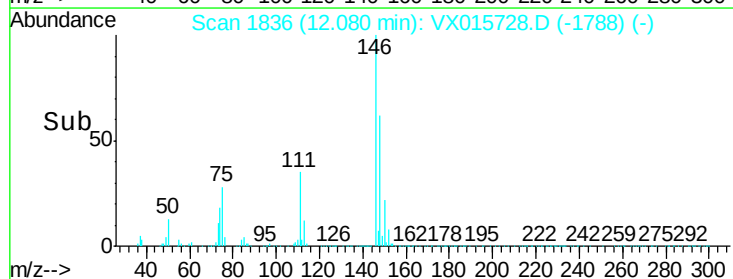
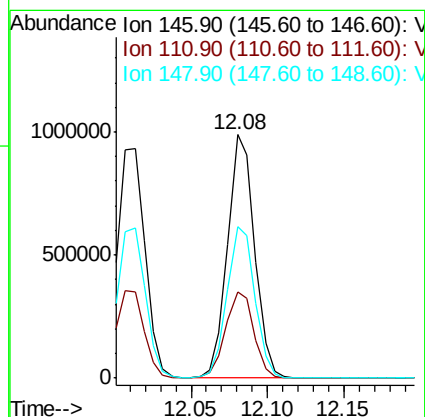
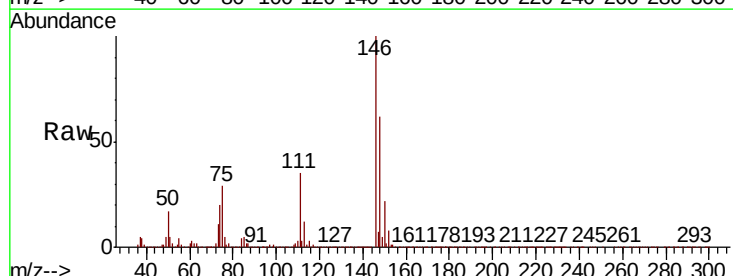
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

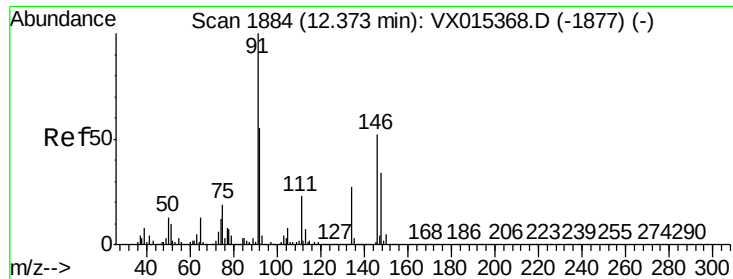
Tot Ion:146 Resp: 1205302
 Ion Ratio Lower Upper
 146 100
 111 38.0 20.3 60.9
 148 65.3 31.3 93.9



#88
 1,4-Dichlorobenzene
 Concen: 49.142 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015728.D
 Acq: 16 Apr 2020 21:17

Tgt Ion:146 Resp: 1210239
 Ion Ratio Lower Upper
 146 100
 111 37.1 19.1 57.5
 148 64.0 32.4 97.2

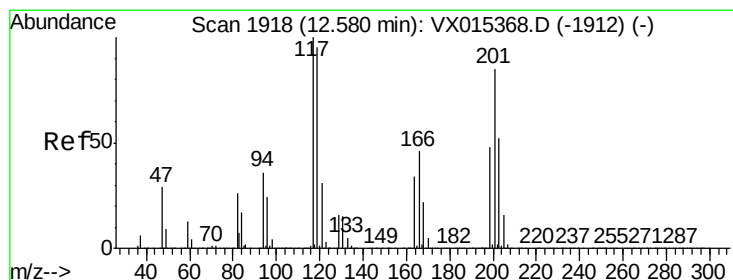
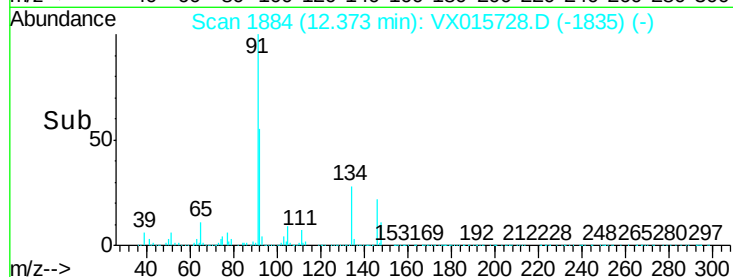
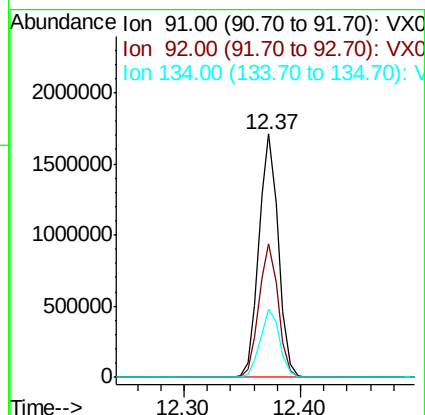
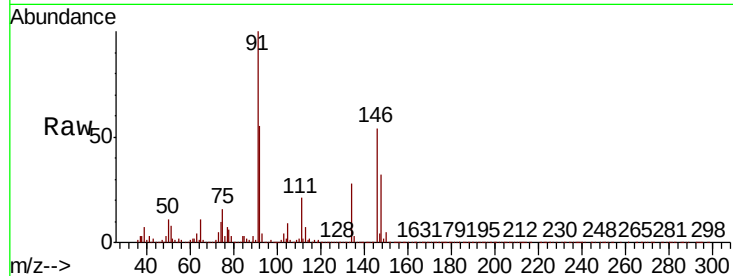




#89
n-Butylbenzene
Concen: 48.399 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

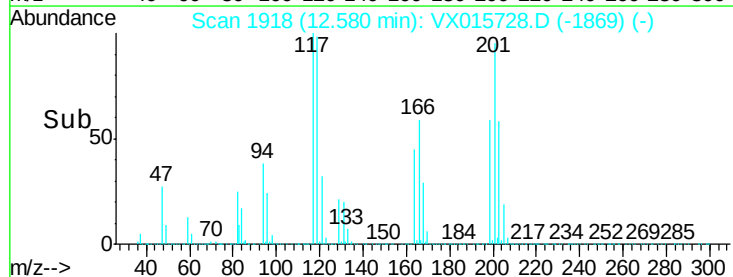
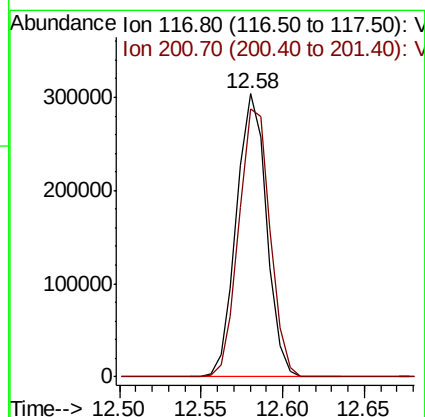
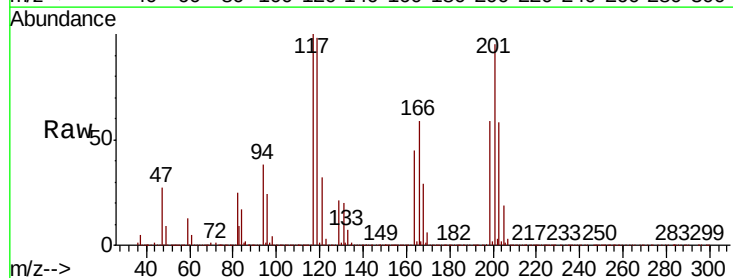
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

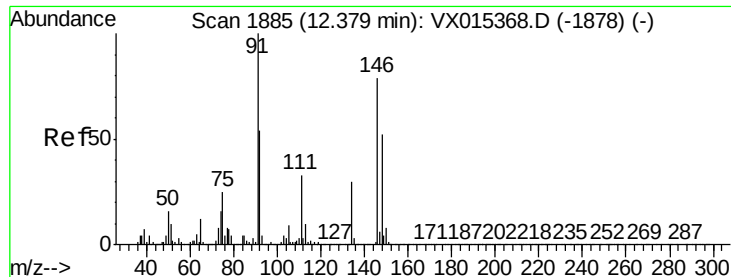
Tot Ion: 91 Resp: 1983484
Ion Ratio Lower Upper
91 100
92 54.5 27.2 81.5
134 27.9 13.4 40.2



#90
Hexachloroethane
Concen: 44.286 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

Tgt Ion: 117 Resp: 390903
Ion Ratio Lower Upper
117 100
201 98.5 42.6 128.0

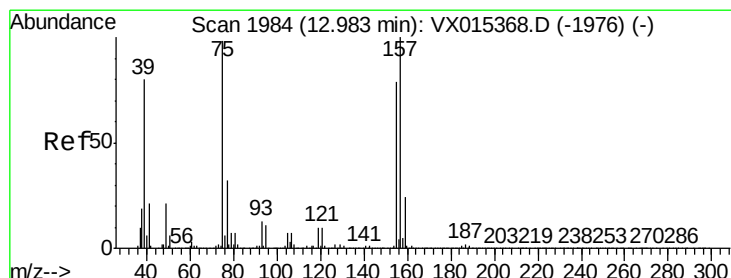
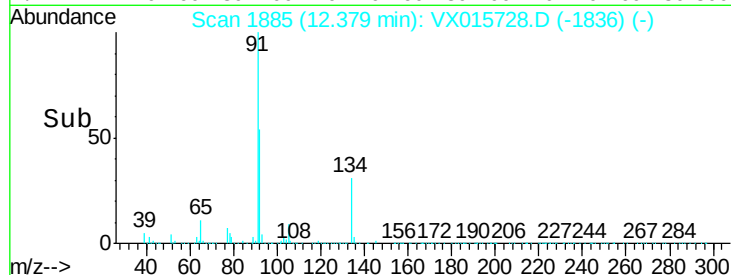
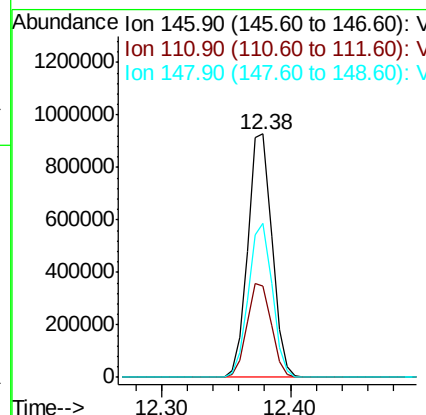
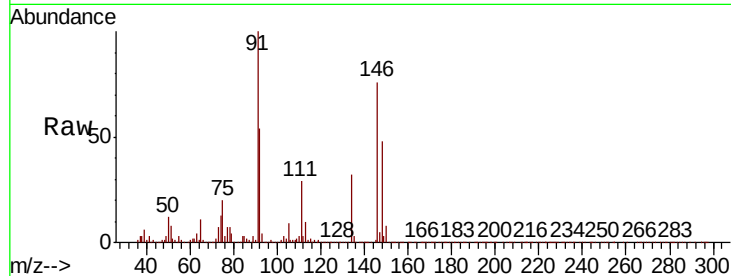




#91
 1,2-Dichlorobenzene
 Concen: 50.691 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: VX015728.D
 Acq: 16 Apr 2020 21:17

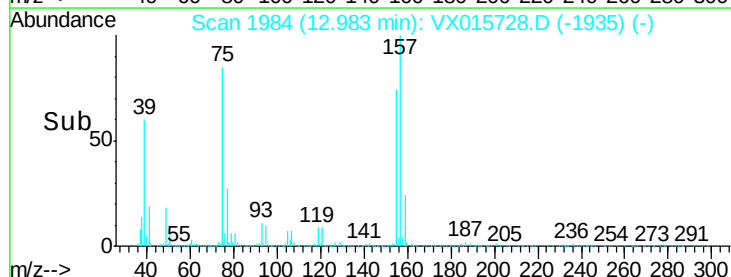
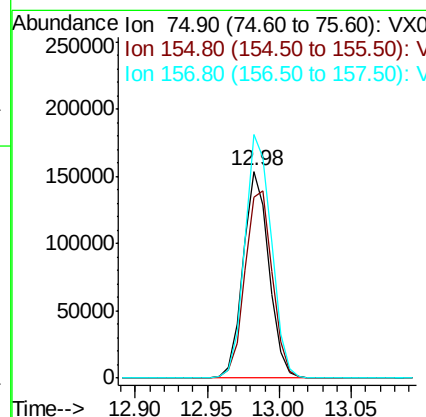
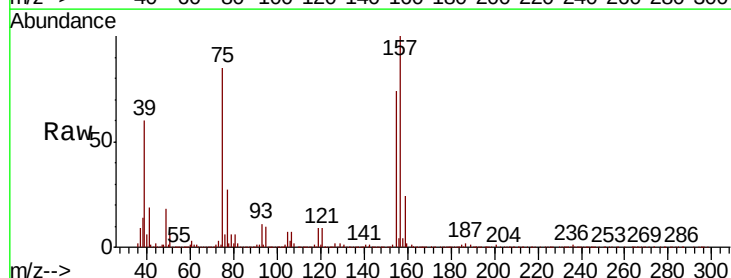
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

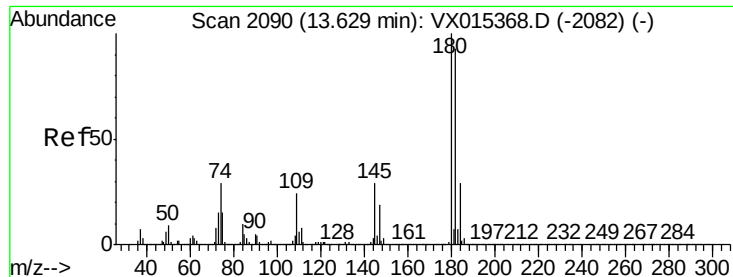
Tot Ion:146 Resp: 1199411
 Ion Ratio Lower Upper
 146 100
 111 38.9 21.0 63.0
 148 62.0 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 38.839 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VX015728.D
 Acq: 16 Apr 2020 21:17

Tgt Ion: 75 Resp: 190458
 Ion Ratio Lower Upper
 75 100
 155 95.7 42.8 128.4
 157 121.7 53.4 160.3

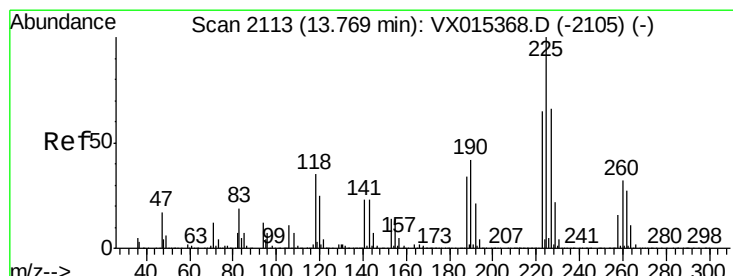
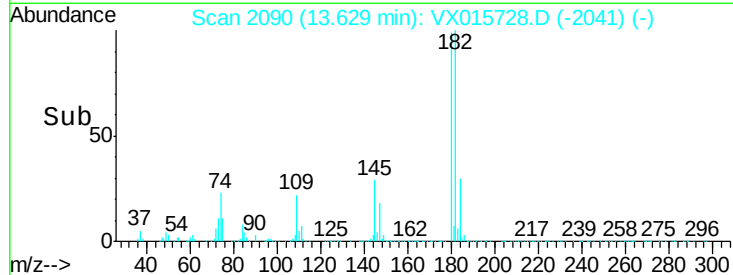
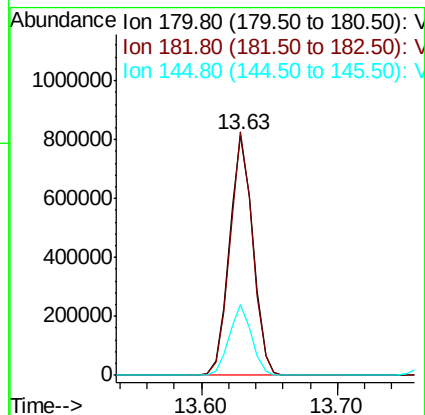
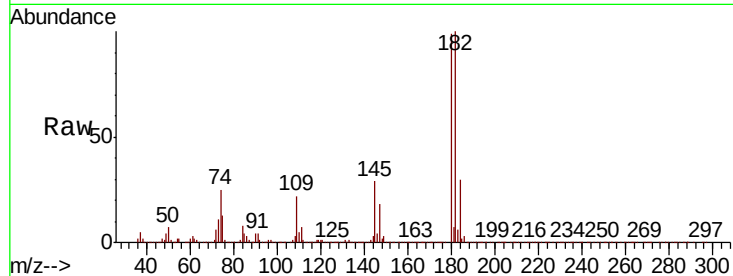




#93
 1,2,4-Trichlorobenzene
 Concen: 51.917 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015728.D
 Acq: 16 Apr 2020 21:17

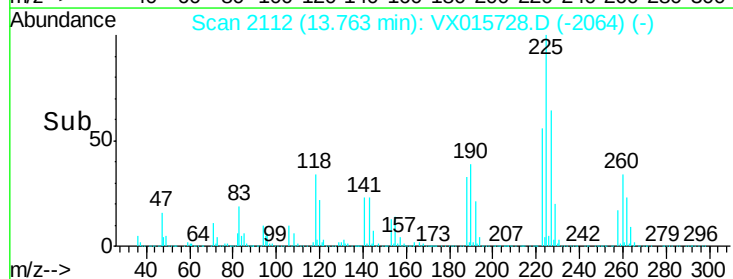
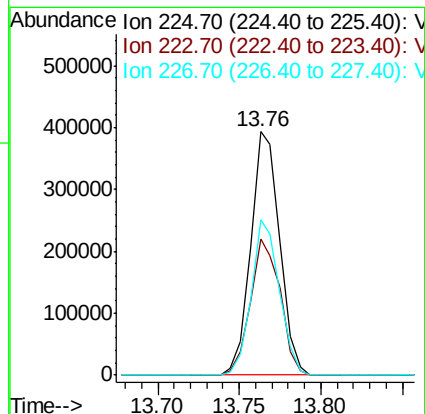
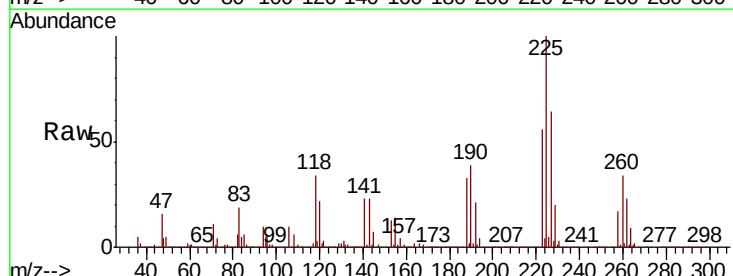
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

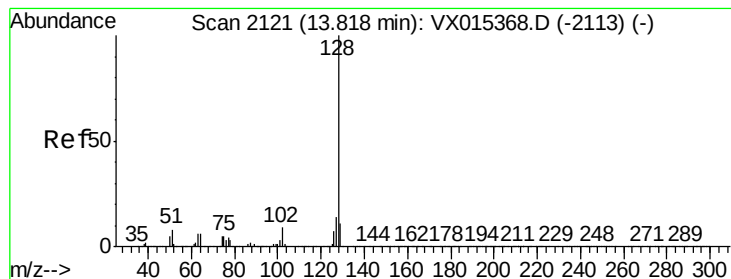
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.9	46.9	140.7
145	28.1	14.9	44.5



#94
 Hexachlorobutadiene
 Concen: 54.548 ug/l
 RT: 13.76 min Scan# 2112
 Delta R.T. -0.01 min
 Lab File: VX015728.D
 Acq: 16 Apr 2020 21:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	57.6	31.9	95.7
227	62.2	30.4	91.3





#95

Naphthalene

Concen: 48.134 ug/l

RT: 13.82 min Scan# 2121

Delta R.T. 0.00 min

Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

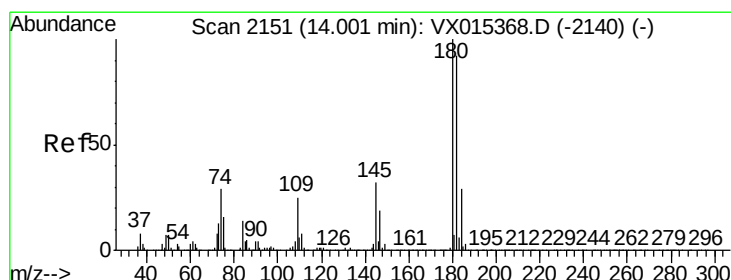
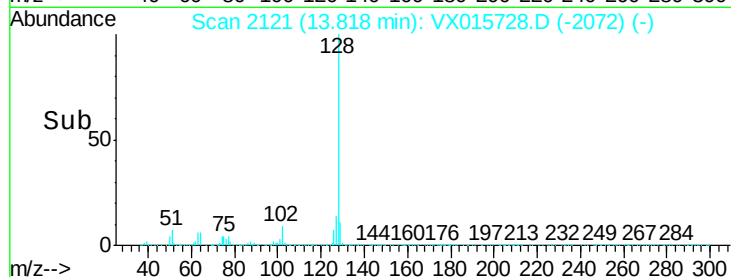
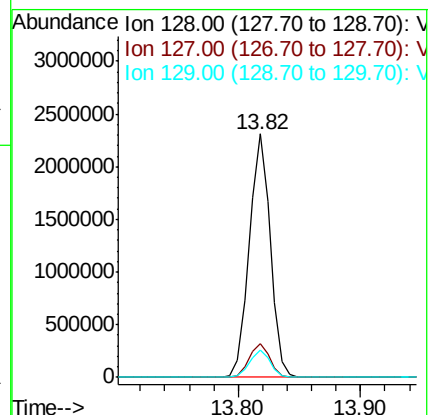
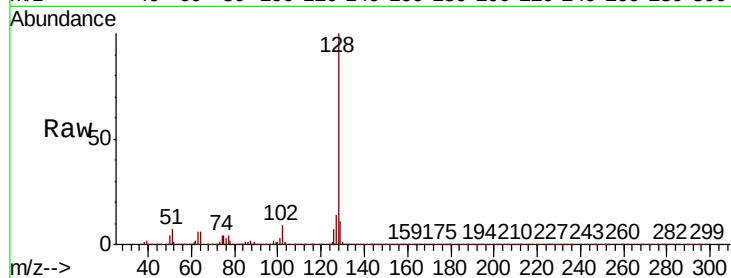
Tot Ion:128 Resp: 2747981

Ion Ratio Lower Upper

128 100

127 13.7 10.6 15.8

129 11.1 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 54.926 ug/l

RT: 14.00 min Scan# 2151

Delta R.T. 0.00 min

Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

Tgt Ion:180 Resp: 989752

Ion Ratio Lower Upper

180 100

182 93.9 46.7 140.0

145 29.3 15.8 47.3

