

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042320\
 Data File : VX015904.D
 Acq On : 23 Apr 2020 20:47
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 24 03:36:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 04:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	794774	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1207069	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1156254	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	588855	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	473150	52.34	ug/l	0.00
Spiked Amount			Recovery	=	104.68%	
35) Dibromofluoromethane	5.47	113	367059	52.68	ug/l	0.00
Spiked Amount			Recovery	=	105.36%	
50) Toluene-d8	8.70	98	1451279	51.74	ug/l	0.00
Spiked Amount			Recovery	=	103.48%	
62) 4-Bromofluorobenzene	11.12	95	579302	50.35	ug/l	0.00
Spiked Amount			Recovery	=	100.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	407356	59.878	ug/l	100
3) Chloromethane	1.31	50	376952	54.102	ug/l	99
4) Vinyl Chloride	1.39	62	415736	51.550	ug/l	98
5) Bromomethane	1.62	94	159868	59.105	ug/l	95
6) Chloroethane	1.71	64	234789	51.089	ug/l	98
7) Trichlorofluoromethane	1.92	101	553092	55.276	ug/l	100
8) Diethyl Ether	2.17	74	198263	48.861	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	345321	50.875	ug/l	99
10) Methyl Iodide	2.49	142	415277	49.521	ug/l	99
11) Tert butyl alcohol	3.01	59	500276	270.872	ug/l	99
12) 1,1-Dichloroethene	2.36	96	357067	51.293	ug/l	98
13) Acrolein	2.27	56	285122	260.906	ug/l	100
14) Allyl chloride	2.71	41	750054	50.705	ug/l	99
15) Acrylonitrile	3.12	53	1153232	269.009	ug/l	99
16) Acetone	2.42	43	966322	245.510	ug/l	97
17) Carbon Disulfide	2.55	76	906636	35.864	ug/l	99
18) Methyl Acetate	2.75	43	667434	51.365	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	1332615	54.226	ug/l	99
20) Methylene Chloride	2.84	84	411239	51.467	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	399671	51.746	ug/l	96
22) Diisopropyl ether	3.83	45	1425323	53.459	ug/l	94
23) Vinyl Acetate	3.79	43	5910605	267.853	ug/l	100
24) 1,1-Dichloroethane	3.67	63	747427	53.785	ug/l	100
25) 2-Butanone	4.64	43	1642243	263.976	ug/l	98
26) 2,2-Dichloropropane	4.56	77	568547	45.800	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	468999	53.486	ug/l	98
28) Bromochloromethane	4.99	49	358098	49.110	ug/l #	99
29) Tetrahydrofuran	5.09	42	1083336	263.272	ug/l	100
30) Chloroform	5.18	83	737044	52.715	ug/l	99
31) Cyclohexane	5.56	56	702464	53.190	ug/l	94
32) 1,1,1-Trichloroethane	5.47	97	662458	53.140	ug/l	98
36) 1,1-Dichloropropene	5.77	75	566386	52.929	ug/l	100
37) Ethyl Acetate	4.79	43	660413	51.856	ug/l	98
38) Carbon Tetrachloride	5.76	117	591127	56.081	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	676133	49.895	ug/l	98
40) Benzene	6.12	78	1683171	52.225	ug/l	97
41) Methacrylonitrile	5.01	41	382970	54.117	ug/l	98
42) 1,2-Dichloroethane	6.17	62	614545	52.952	ug/l	99
43) Isopropyl Acetate	6.42	43	1119830	52.127	ug/l	99
44) Trichloroethene	7.19	130	576291	50.880	ug/l	99
45) 1,2-Dichloropropane	7.50	63	453604	53.705	ug/l	98
46) Dibromomethane	7.64	93	299715	48.610	ug/l	98
47) Bromodichloromethane	7.87	83	602690	54.946	ug/l	99
48) Methyl methacrylate	7.75	41	564018	53.374	ug/l	99
49) 1,4-Dioxane	7.72	88	211508	1059.079	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	3300076	266.136	ug/l	100
52) Toluene	8.76	92	1083935	52.469	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	710819	52.229	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	755165	52.500	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	439119	54.436	ug/l	97
56) Ethyl methacrylate	9.16	69	726669	53.183	ug/l	100
57) 1,3-Dichloropropane	9.36	76	747951	53.358	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1817804	266.314	ug/l	98
59) 2-Hexanone	9.47	43	2496312	264.261	ug/l	99
60) Dibromochloromethane	9.57	129	494413	59.350	ug/l	96
61) 1,2-Dibromoethane	9.65	107	469175	52.625	ug/l	100
64) Tetrachloroethene	9.32	164	716150	45.951	ug/l	98
65) Chlorobenzene	10.12	112	1182494	51.143	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	459435	53.159	ug/l	98
67) Ethyl Benzene	10.24	91	2097038	51.647	ug/l	100
68) m/p-Xylenes	10.34	106	1590316	104.349	ug/l	100
69) o-Xylene	10.68	106	775857	51.733	ug/l	99
70) Styrene	10.70	104	1367358	52.655	ug/l	100
71) Bromoform	10.84	173	376953	66.932	ug/l	97
73) Isopropylbenzene	11.00	105	2086633	55.795	ug/l	100
74) N-amyl acetate	10.88	43	1038884	53.809	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	468377	59.178	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	808345	72.190	ug/l	82
77) Bromobenzene	11.24	156	570100	55.791	ug/l	99
78) n-propylbenzene	11.34	91	2388020	55.741	ug/l	100
79) 2-Chlorotoluene	11.40	91	1418801	55.133	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1755036	55.036	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	235885	50.674	ug/l	98
82) 4-Chlorotoluene	11.49	91	1678867	54.901	ug/l	100
83) tert-Butylbenzene	11.76	119	1567462	55.414	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1820064	54.976	ug/l	100
85) sec-Butylbenzene	11.93	105	2036831	54.624	ug/l	100
86) p-Isopropyltoluene	12.05	119	1934070	55.470	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	991986	52.885	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	1019305	54.286	ug/l	95
89) n-Butylbenzene	12.37	91	1660454	53.264	ug/l	99
90) Hexachloroethane	12.58	117	305673	82.987	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	964434	54.210	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	141320	60.209	ug/l	96

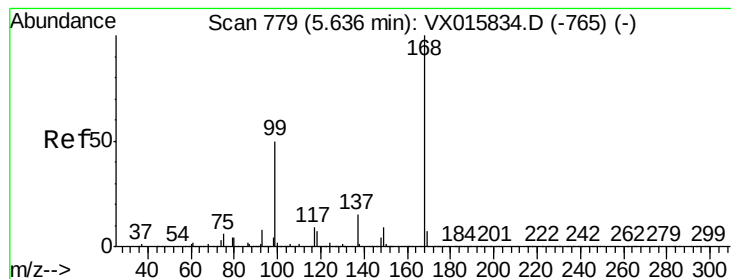
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	721437	51.467	ug/l	97
94) Hexachlorobutadiene	13.77	225	325763	51.833	ug/l	98
95) Naphthalene	13.82	128	2149611	53.302	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	715886	52.347	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.00 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

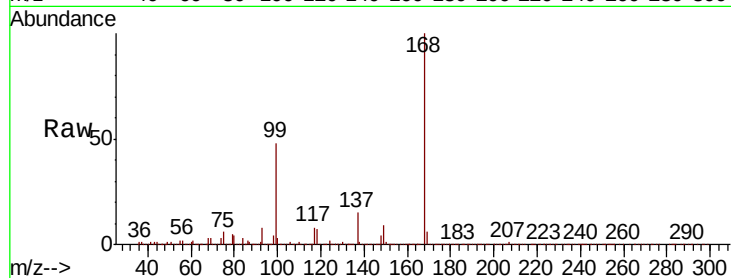
VSTDCCC050

Tot Ion:168 Resp: 794774

Ion Ratio Lower Upper

168 100

99 47.4 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

300000

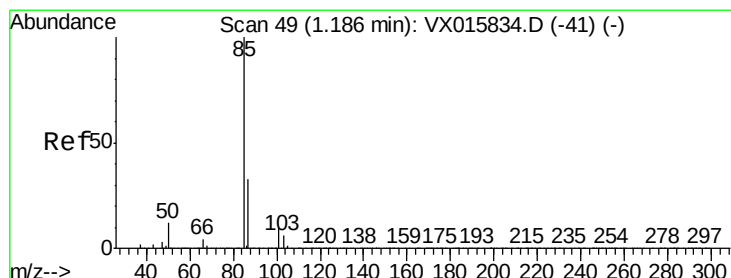
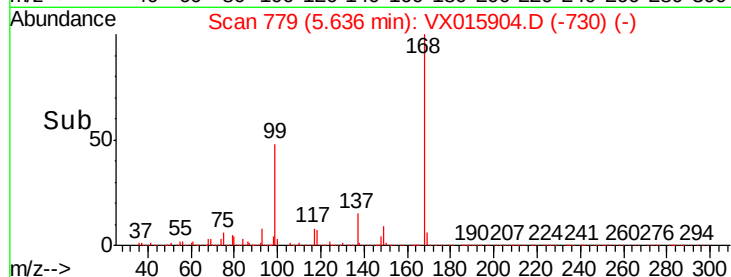
200000

100000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 59.878 ug/l

RT: 1.18 min Scan# 48

Delta R.T. -0.01 min

Lab File: VX015904.D

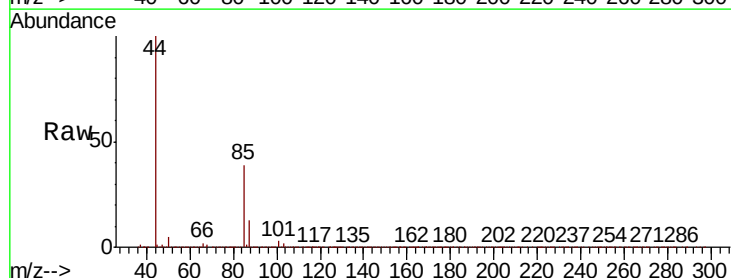
Acq: 23 Apr 2020 20:47

Tgt Ion: 85 Resp: 407356

Ion Ratio Lower Upper

85 100

87 32.6 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

400000

300000

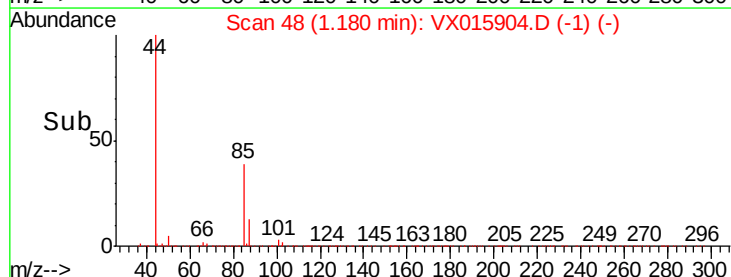
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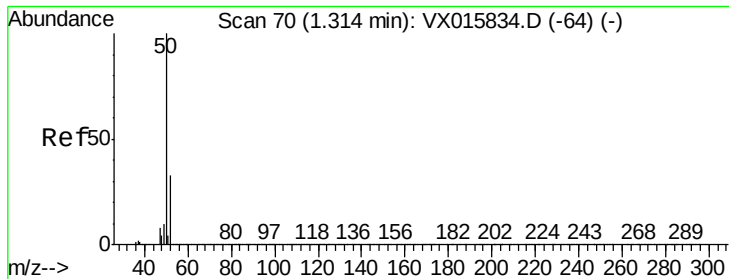
100000

0

1.10 1.20 1.30

Time-->





#3

Chloromethane

Concen: 54.102 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

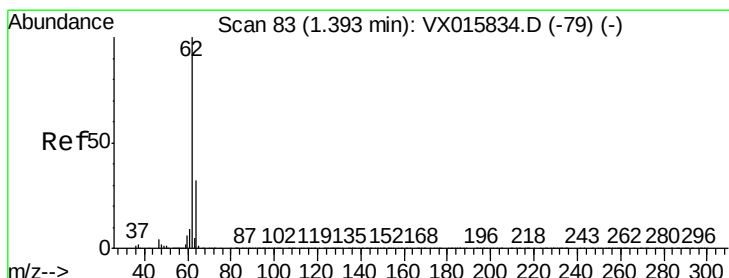
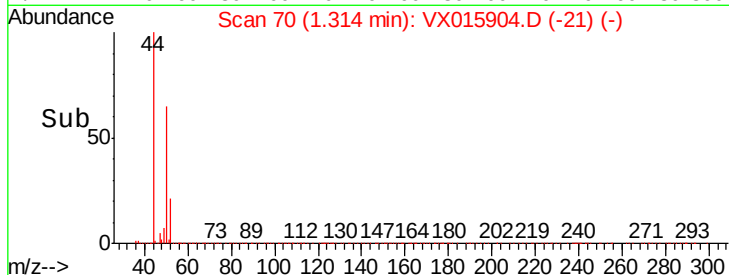
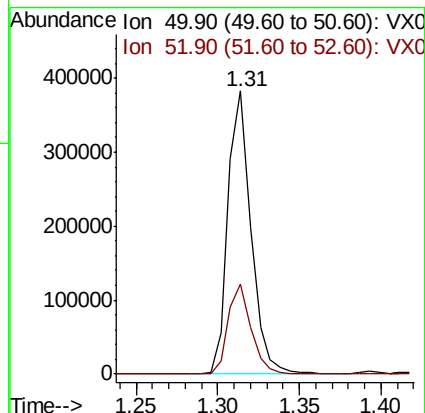
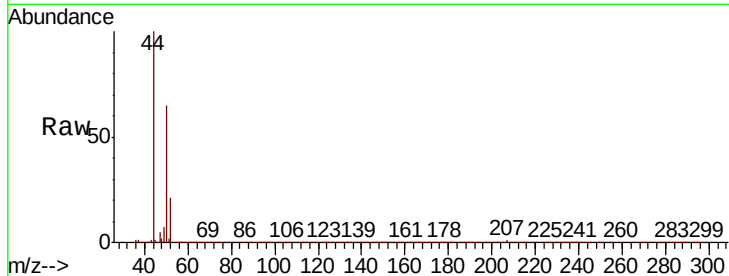
VSTDCCC050

Tot Ion: 50 Resp: 376952

Ion Ratio Lower Upper

50 100

52 32.0 26.2 39.4



#4

Vinyl Chloride

Concen: 51.550 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015904.D

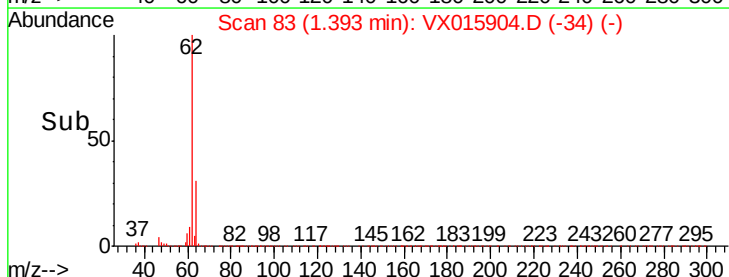
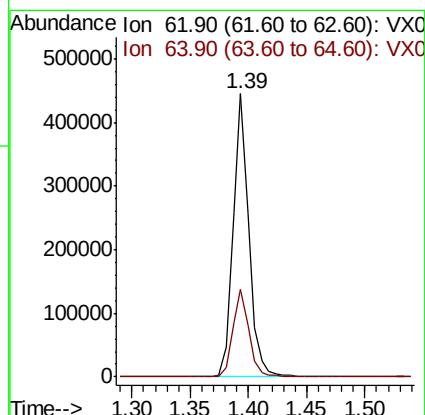
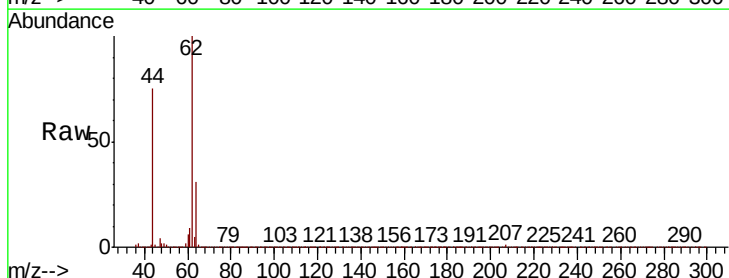
Acq: 23 Apr 2020 20:47

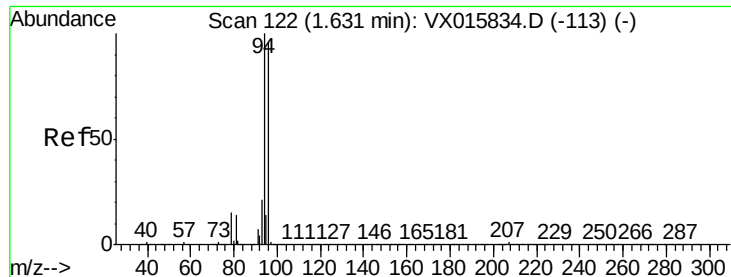
Tgt Ion: 62 Resp: 415736

Ion Ratio Lower Upper

62 100

64 30.8 25.4 38.2





#5

Bromomethane

Concen: 59.105 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

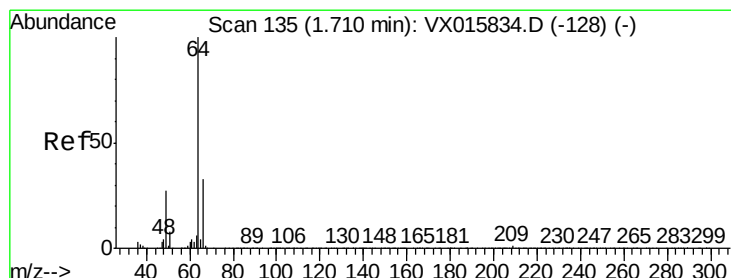
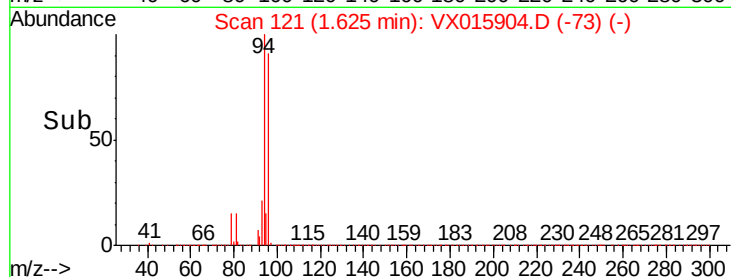
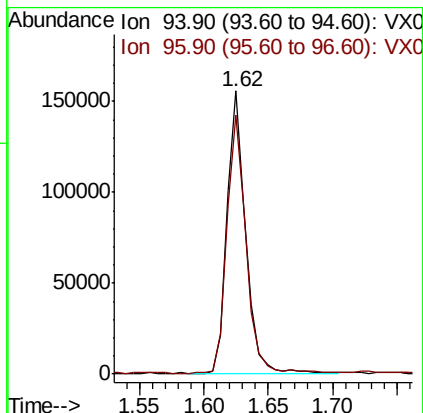
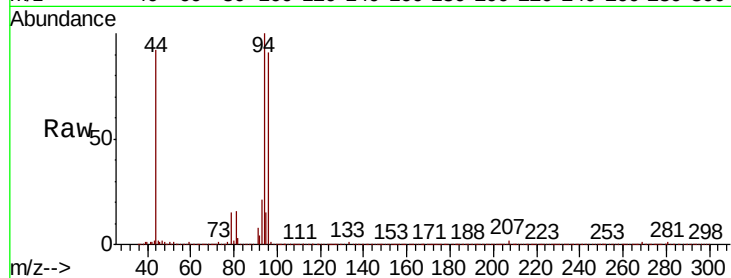
VSTDCCC050

Tot Ion: 94 Resp: 159868

Ion Ratio Lower Upper

94 100

96 91.2 76.7 115.1



#6

Chloroethane

Concen: 51.089 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX015904.D

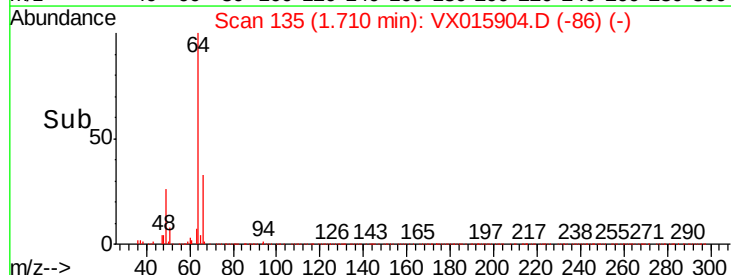
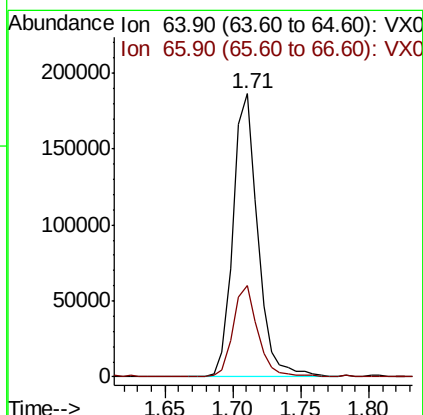
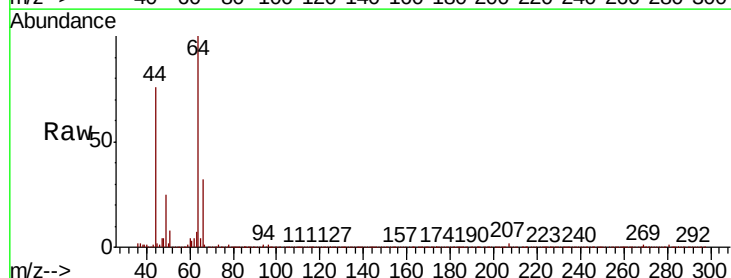
Acq: 23 Apr 2020 20:47

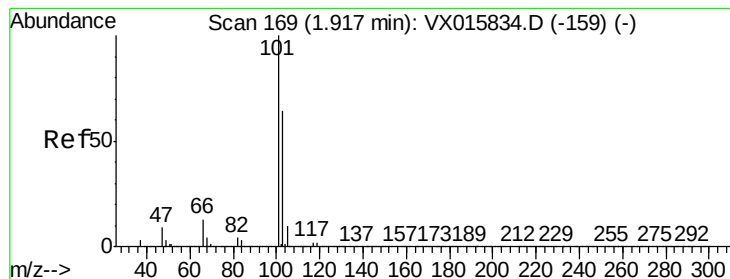
Tgt Ion: 64 Resp: 234789

Ion Ratio Lower Upper

64 100

66 31.8 26.2 39.2



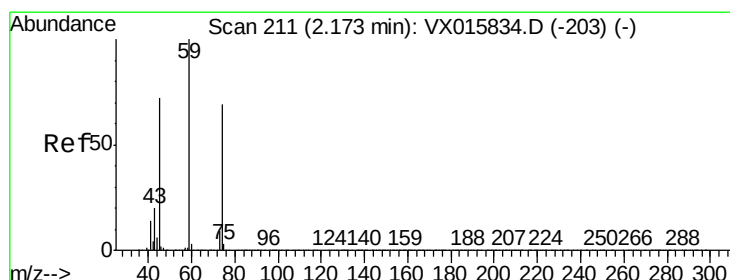
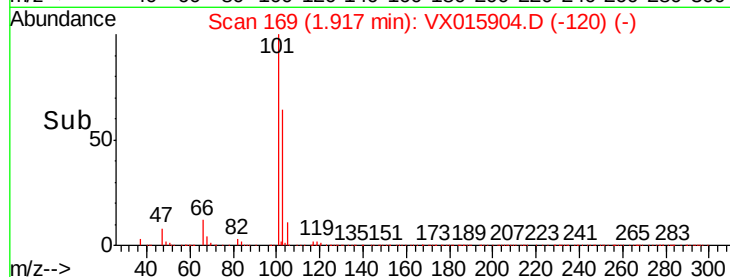
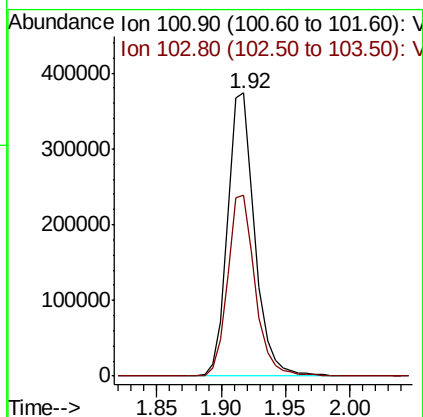
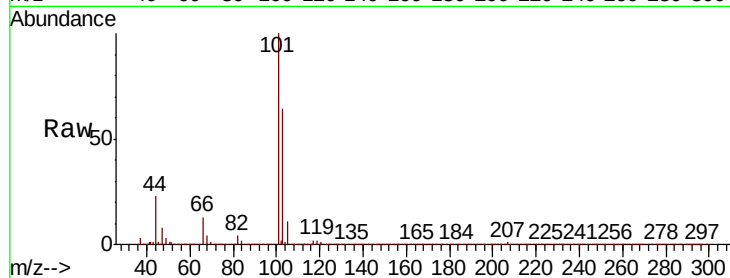


#7

Trichlorofluoromethane
Concen: 55.276 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX015904.D
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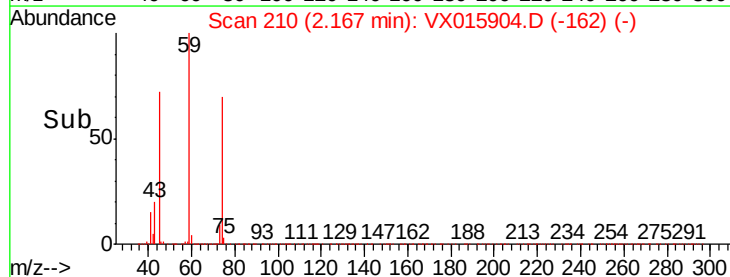
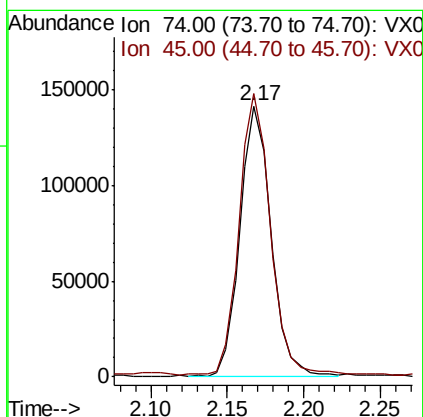
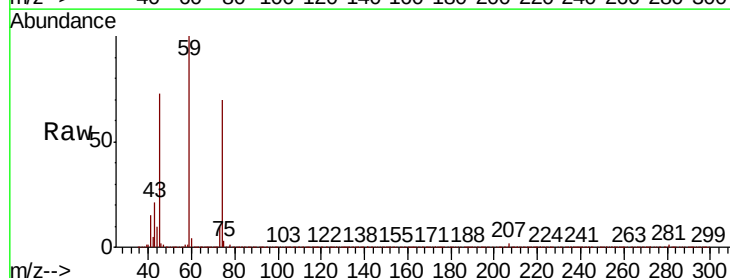
Tot Ion:101 Resp: 553092
Ion Ratio Lower Upper
101 100
103 64.1 51.4 77.0

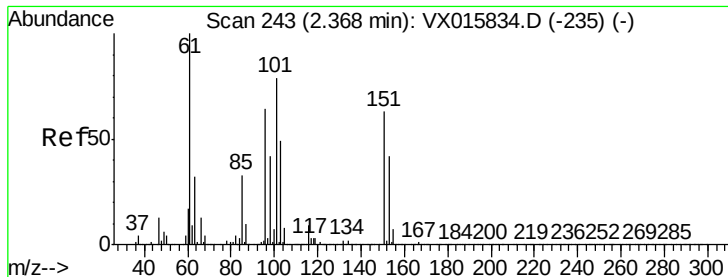


#8

Diethyl Ether
Concen: 48.861 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.01 min
Lab File: VX015904.D
Acq: 23 Apr 2020 20:47

Tgt Ion: 74 Resp: 198263
Ion Ratio Lower Upper
74 100
45 104.7 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.875 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

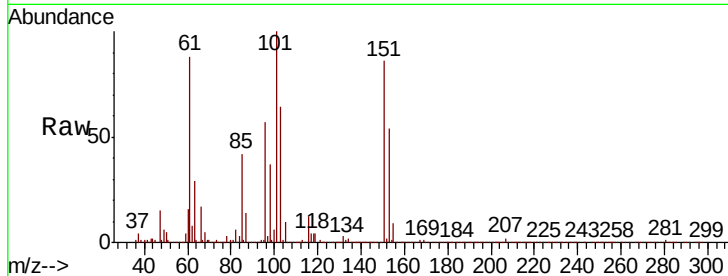
Tot Ion:101 Resp: 345321

Ion Ratio Lower Upper

101 100

85 42.9 33.8 50.6

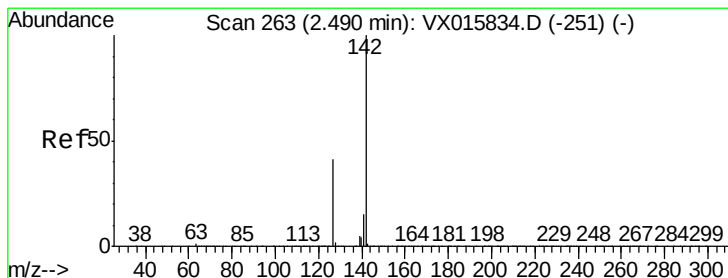
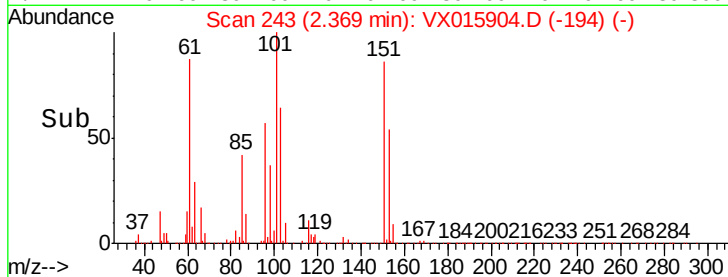
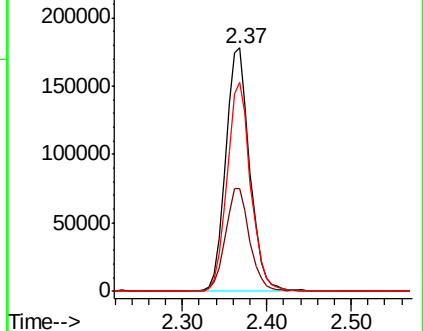
151 85.1 67.8 101.6



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: 49.521 ug/l

RT: 2.49 min Scan# 263

Delta R.T. 0.00 min

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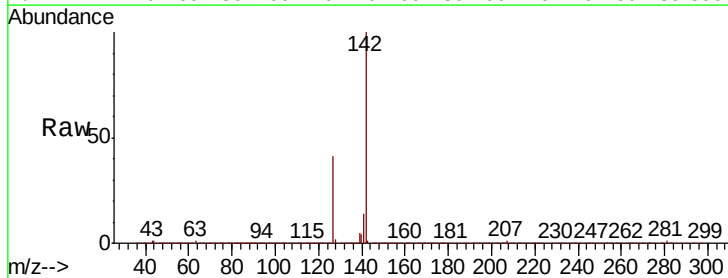
Tgt Ion:142 Resp: 415277

Ion Ratio Lower Upper

142 100

127 42.2 33.3 49.9

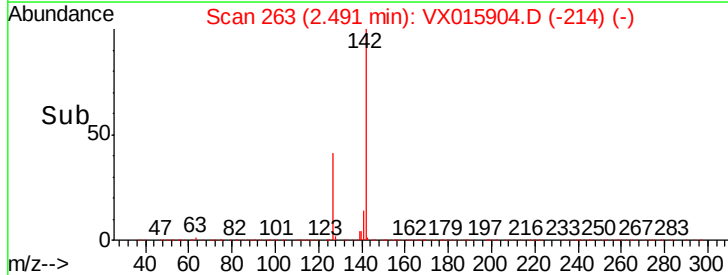
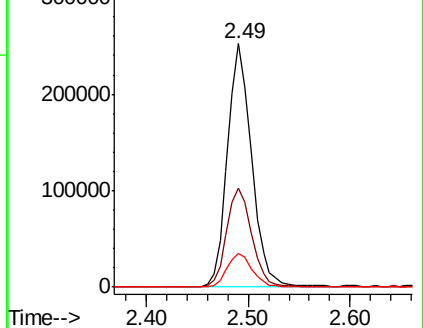
141 14.4 11.8 17.6

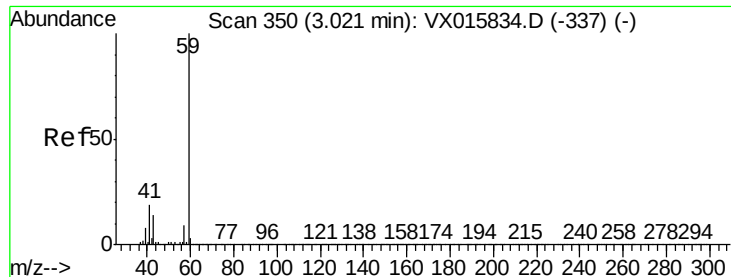


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



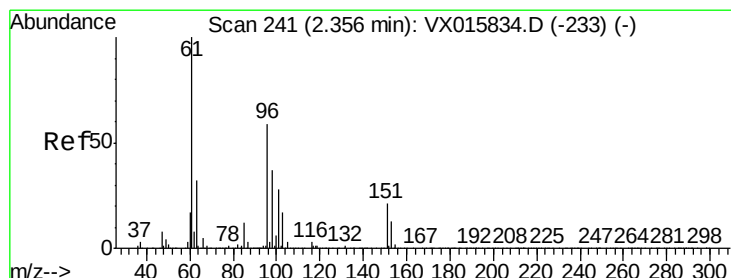
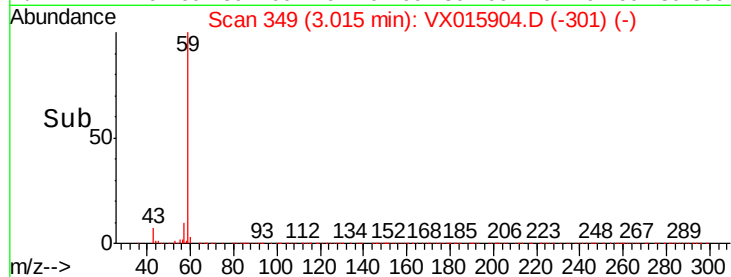
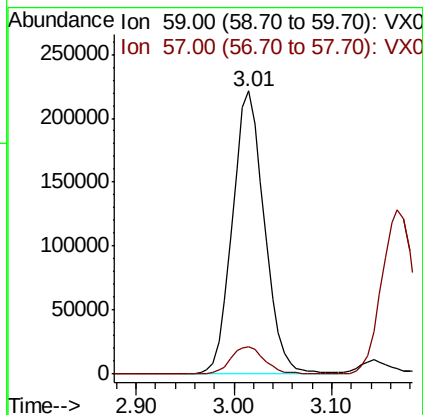
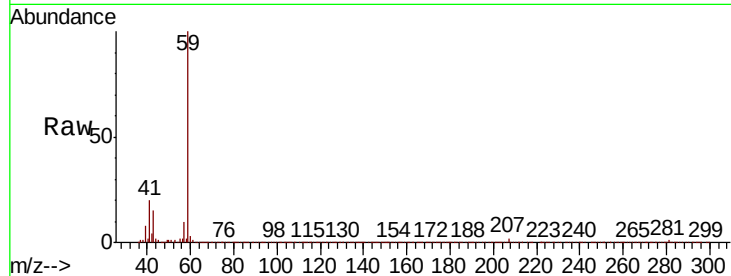


#11

Tert butyl alcohol
 Concen: 270.872 ug/l
 RT: 3.01 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VX015904.D
 Acq: 23 Apr 2020 20:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

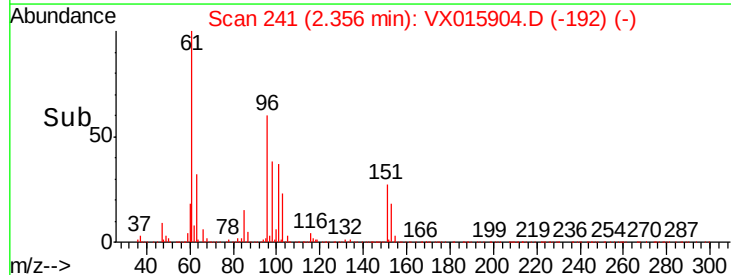
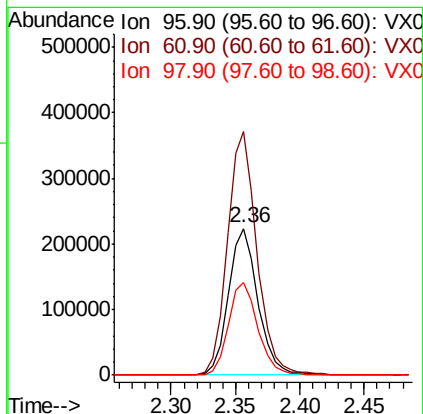
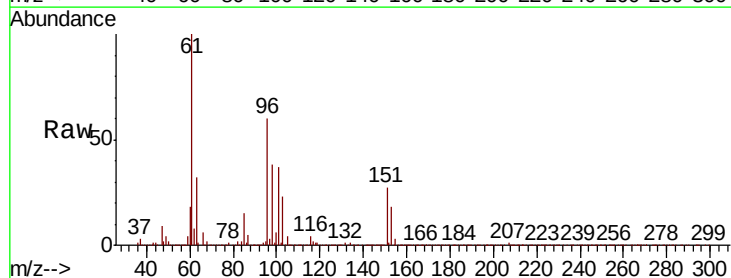
Tot Ion: 59 Resp: 500276
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.2 12.2

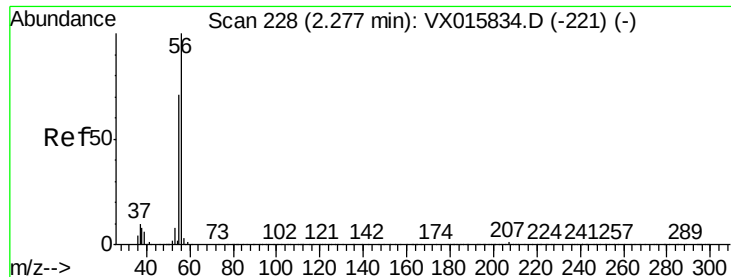


#12

1,1-Dichloroethene
 Concen: 51.293 ug/l
 RT: 2.36 min Scan# 241
 Delta R.T. 0.00 min
 Lab File: VX015904.D
 Acq: 23 Apr 2020 20:47

Tgt Ion: 96 Resp: 357067
 Ion Ratio Lower Upper
 96 100
 61 166.0 135.0 202.6
 98 63.4 50.6 76.0





#13

Acrolein

Concen: 260.906 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.01 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

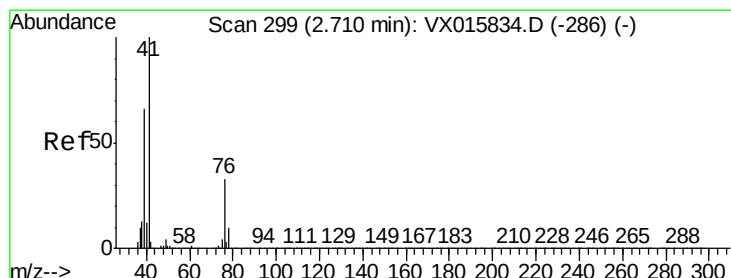
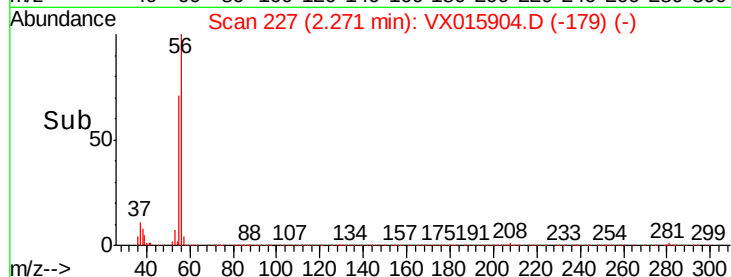
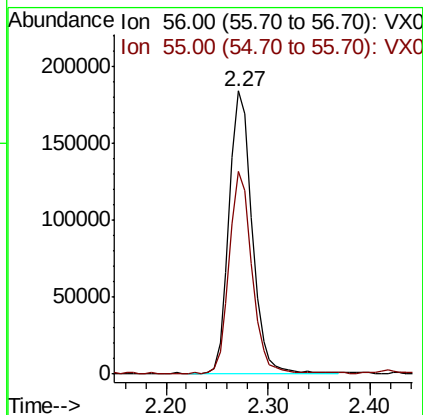
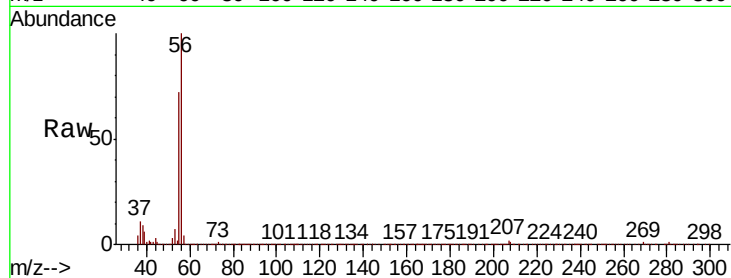
VSTDCCC050

Tot Ion: 56 Resp: 285122

Ion Ratio Lower Upper

56 100

55 70.2 56.1 84.1



#14

Allyl chloride

Concen: 50.705 ug/l

RT: 2.71 min Scan# 299

Delta R.T. 0.00 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

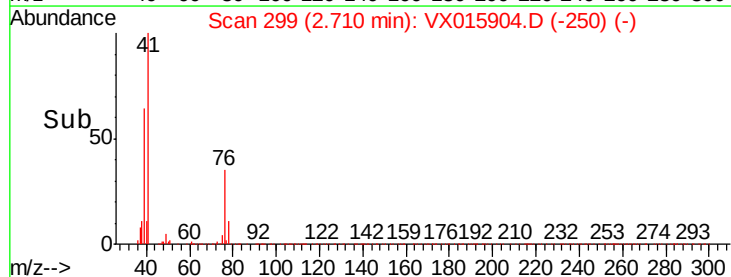
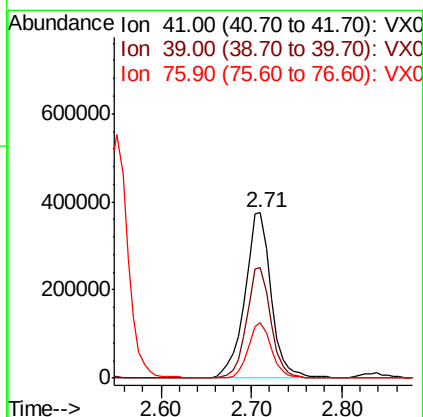
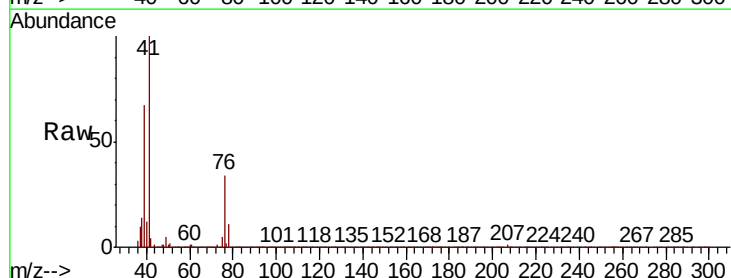
Tgt Ion: 41 Resp: 750054

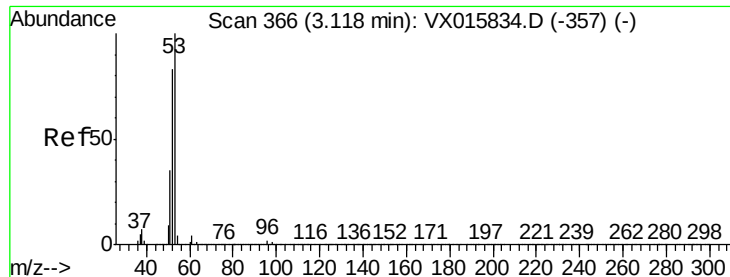
Ion Ratio Lower Upper

41 100

39 61.6 48.4 72.6

76 29.7 23.8 35.8





#15

Acrylonitrile

Concen: 269.009 ug/l

RT: 3.12 min Scan# 366

Delta R.T. 0.00 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

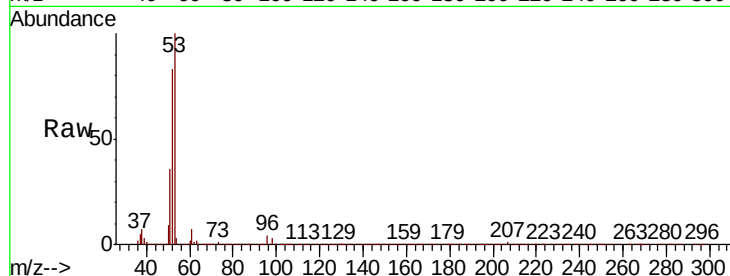
Tot Ion: 53 Resp: 1153232

Ion Ratio Lower Upper

53 100

52 83.6 66.2 99.4

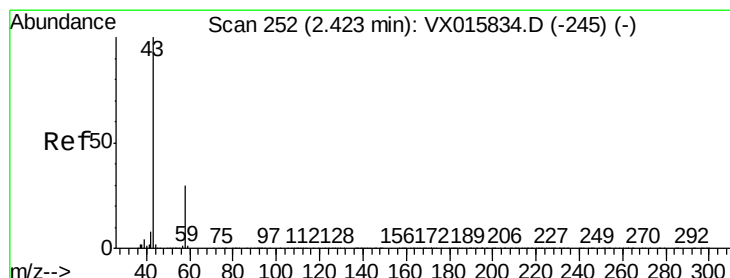
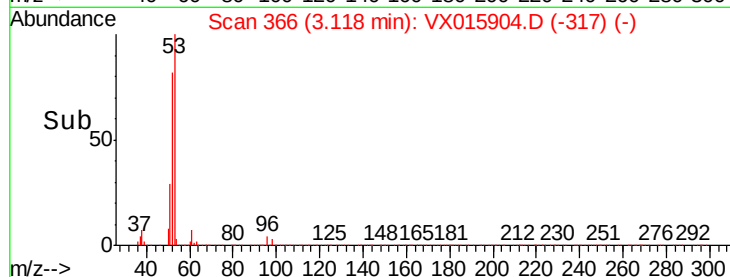
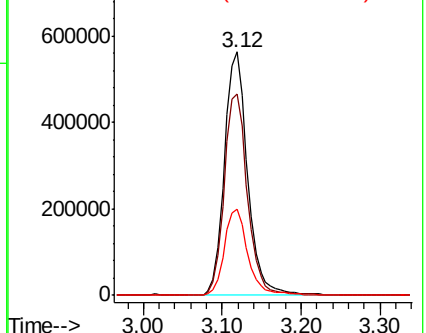
51 35.5 28.6 43.0



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: 245.510 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.01 min

Lab File: VX015904.D

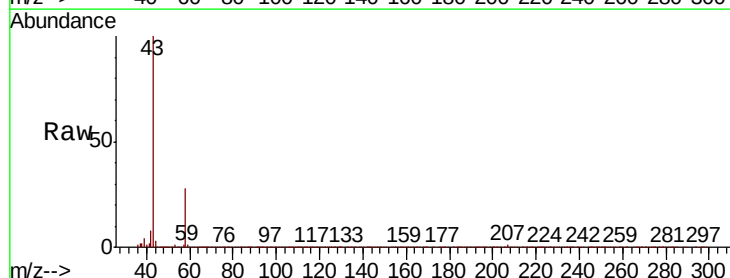
Acq: 23 Apr 2020 20:47

Tgt Ion: 43 Resp: 966322

Ion Ratio Lower Upper

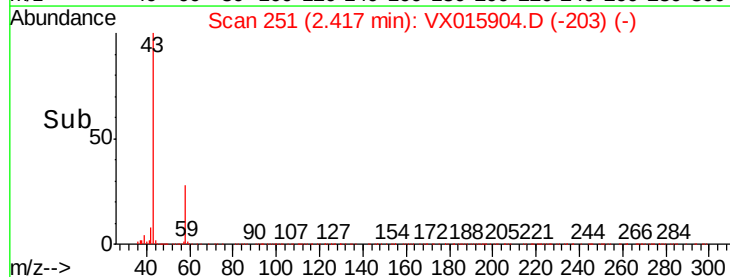
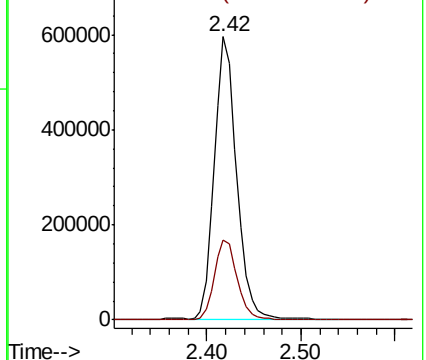
43 100

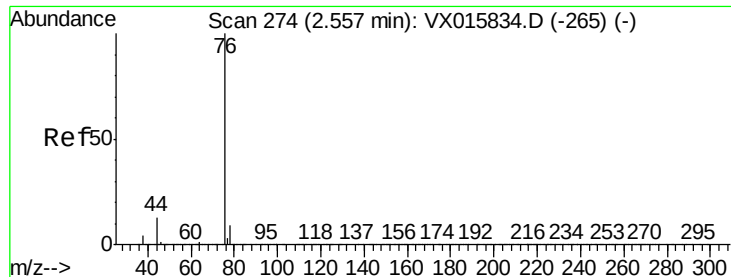
58 28.2 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 35.864 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

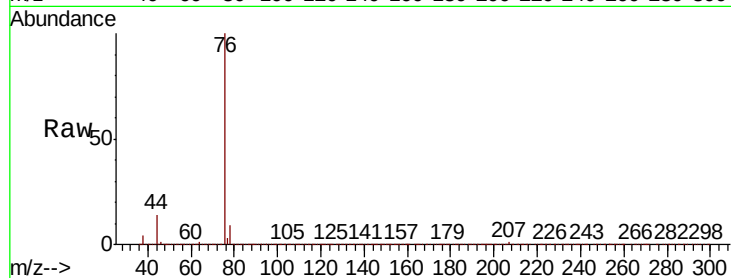
VSTDCCC050

Tot Ion: 76 Resp: 906636

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

600000

500000

400000

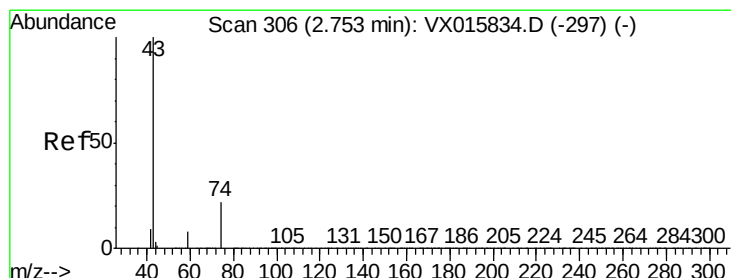
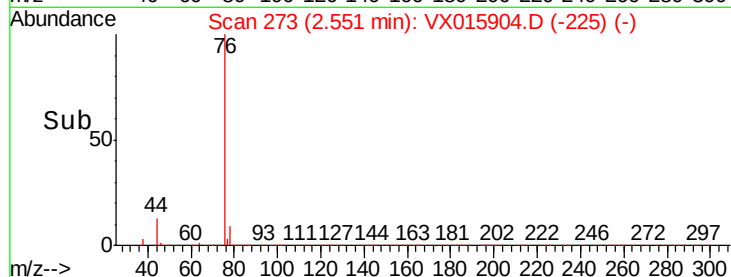
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 51.365 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015904.D

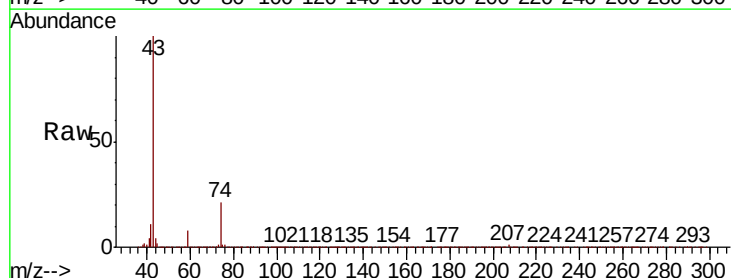
Acq: 23 Apr 2020 20:47

Tgt Ion: 43 Resp: 667434

Ion Ratio Lower Upper

43 100

74 21.4 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

400000

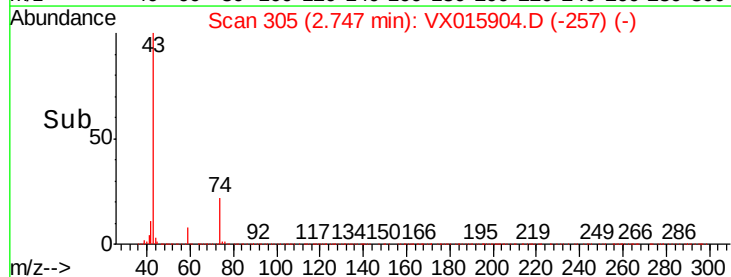
300000

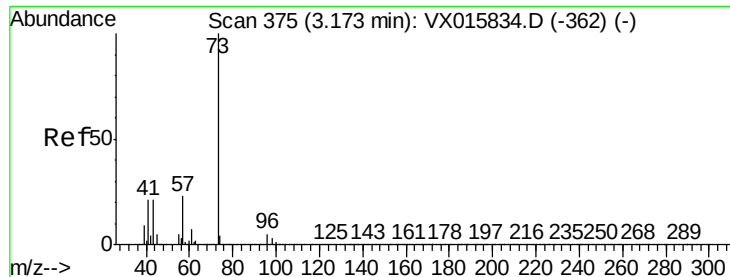
200000

100000

0

Time-->

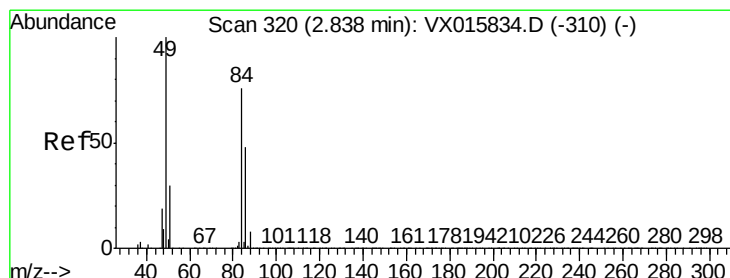
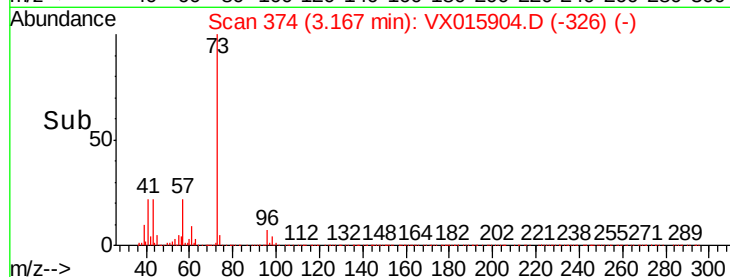
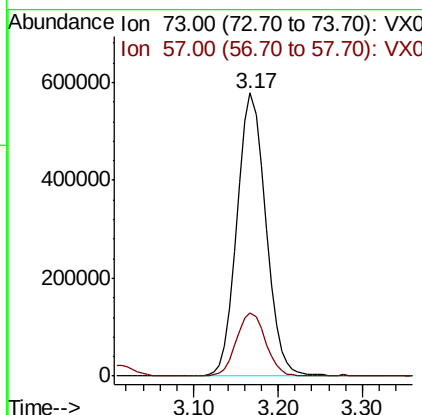
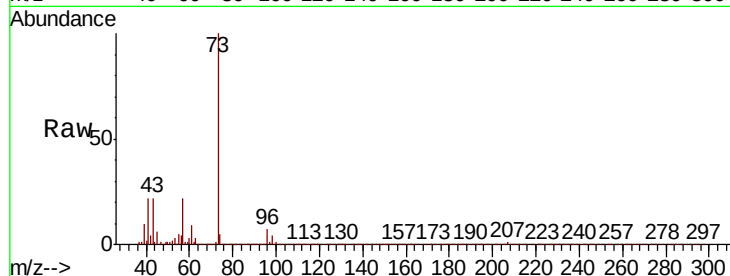




#19
Methyl tert-butyl Ether
Concen: 54.226 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.01 min
Lab File: VX015904.D
Acq: 23 Apr 2020 20:47

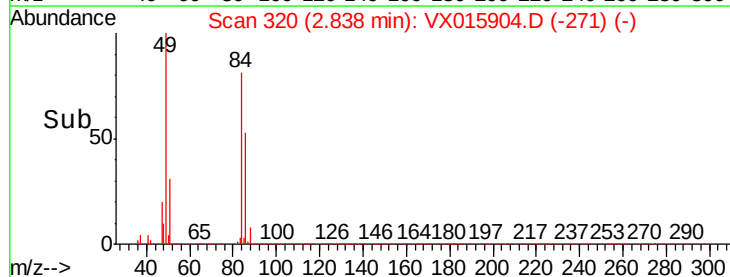
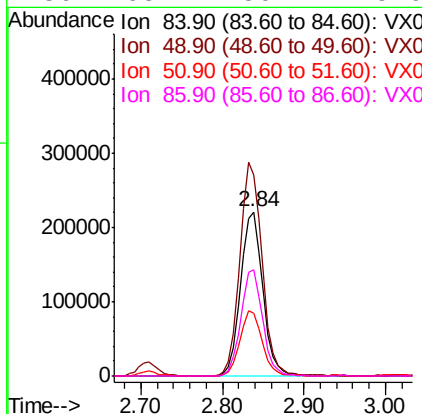
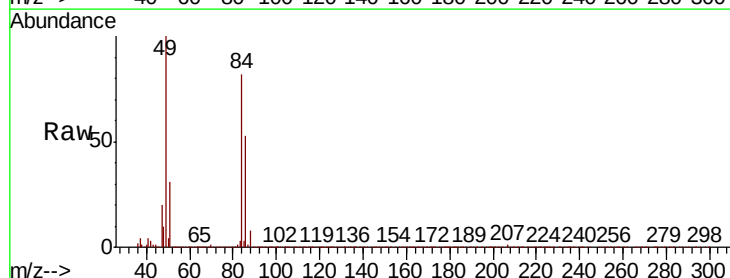
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

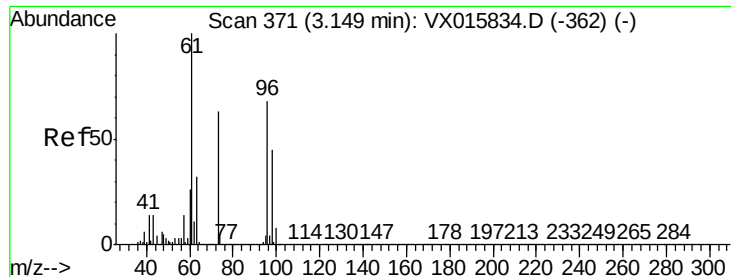
Tot Ion: 73 Resp: 1332615
Ion Ratio Lower Upper
73 100
57 22.2 18.1 27.1



#20
Methylene Chloride
Concen: 51.467 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.00 min
Lab File: VX015904.D
Acq: 23 Apr 2020 20:47

Tgt Ion: 84 Resp: 411239
Ion Ratio Lower Upper
84 100
49 122.8 104.9 157.3
51 37.8 32.0 48.0
86 65.1 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 51.746 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.01 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

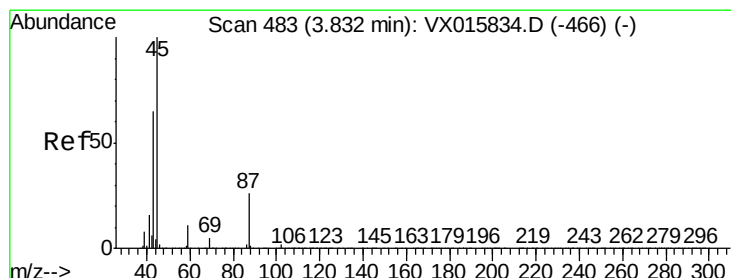
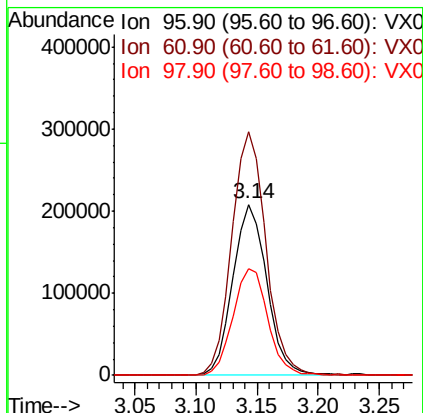
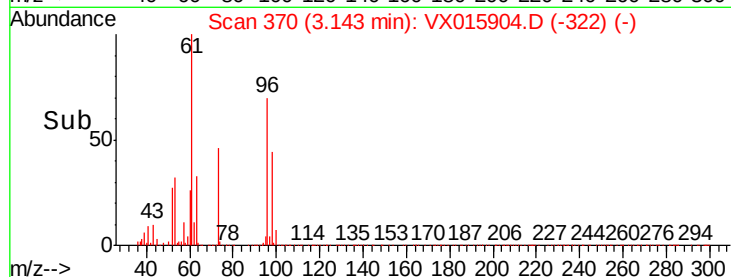
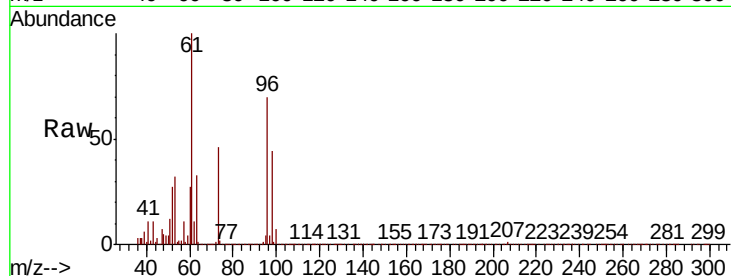
Tot Ion: 96 Resp: 399671

Ion Ratio Lower Upper

96 100

61 142.6 117.5 176.3

98 62.5 52.7 79.1



#22

Diisopropyl ether

Concen: 53.459 ug/l

RT: 3.83 min Scan# 482

Delta R.T. -0.01 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

Tgt Ion: 45 Resp: 1425323

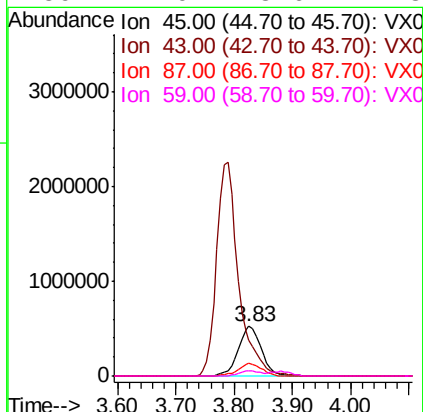
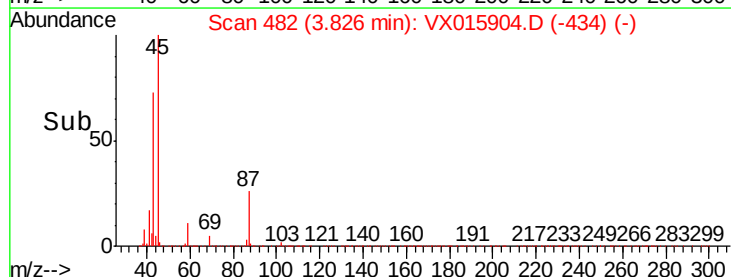
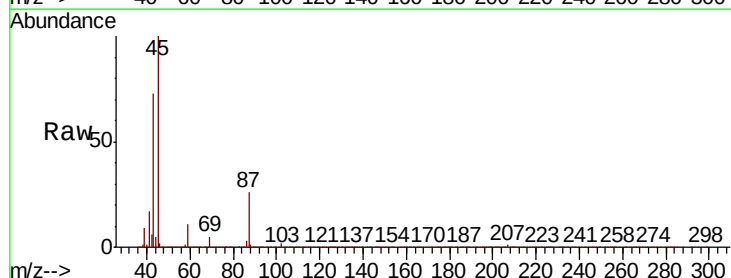
Ion Ratio Lower Upper

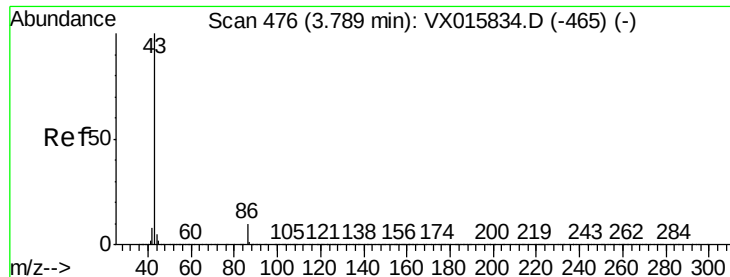
45 100

43 72.8 52.4 78.6

87 26.4 20.7 31.1

59 11.0 8.6 12.8





#23

Vinyl Acetate

Concen: 267.853 ug/l

RT: 3.79 min Scan# 476

Delta R.T. 0.00 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

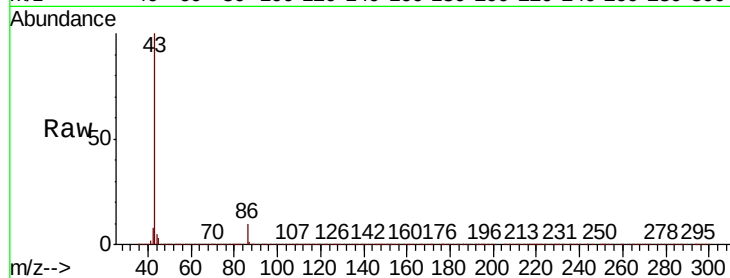
VSTDCCC050

Tot Ion: 43 Resp: 5910605

Ion Ratio Lower Upper

43 100

86 10.0 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

2500000

2000000

1500000

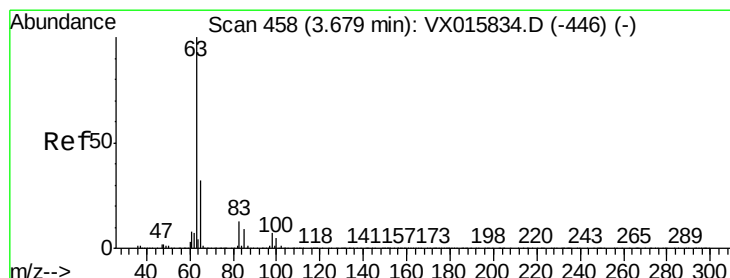
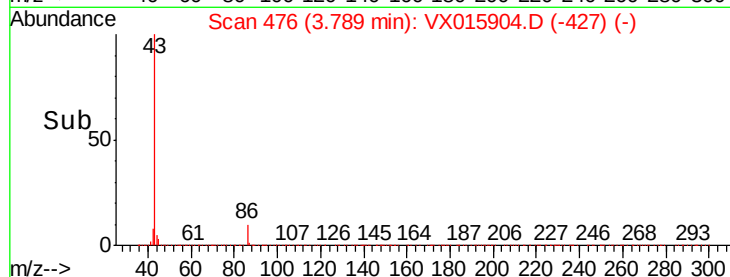
1000000

500000

0

3.60 3.80 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 53.785 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.01 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

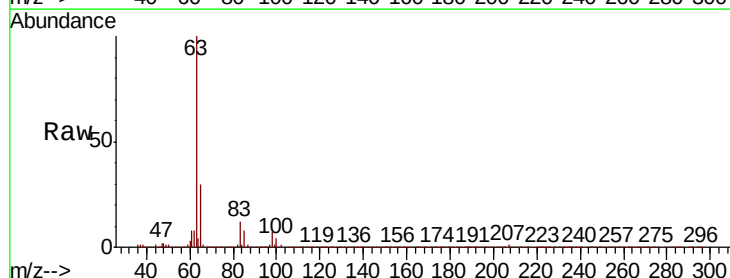
Tgt Ion: 63 Resp: 747427

Ion Ratio Lower Upper

63 100

98 6.7 3.5 10.4

100 4.4 2.3 6.8



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

400000

300000

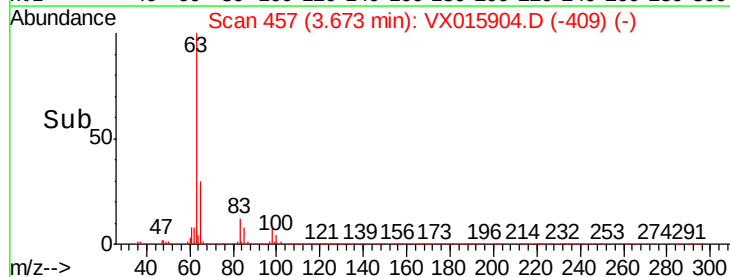
200000

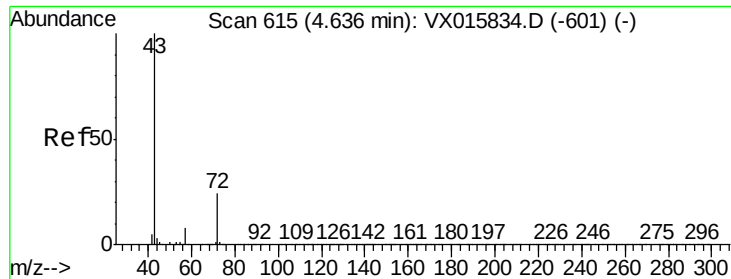
100000

0

3.50 3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 263.976 ug/l

RT: 4.64 min Scan# 615

Delta R.T. 0.00 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

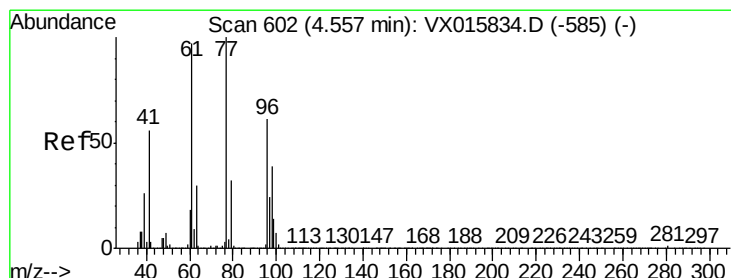
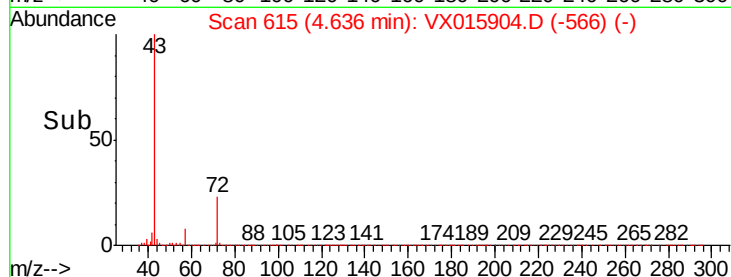
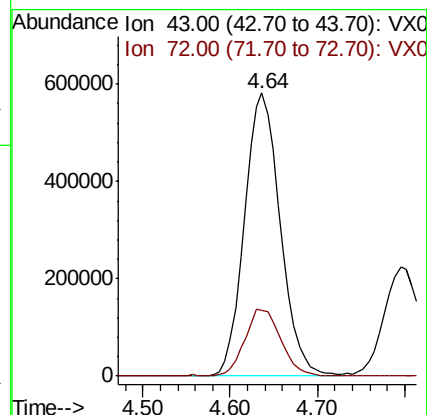
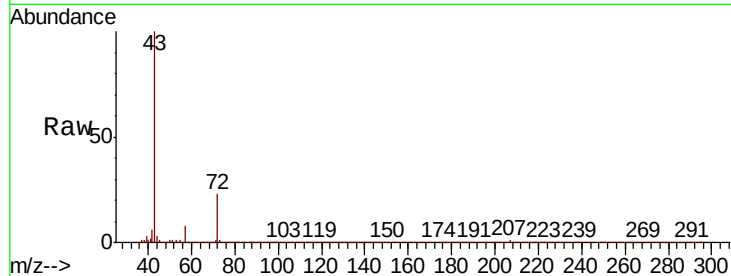
VSTDCCC050

Tot Ion: 43 Resp: 1642243

Ion Ratio Lower Upper

43 100

72 23.2 19.4 29.2



#26

2,2-Dichloropropane

Concen: 45.800 ug/l

RT: 4.56 min Scan# 602

Delta R.T. 0.00 min

Lab File: VX015904.D

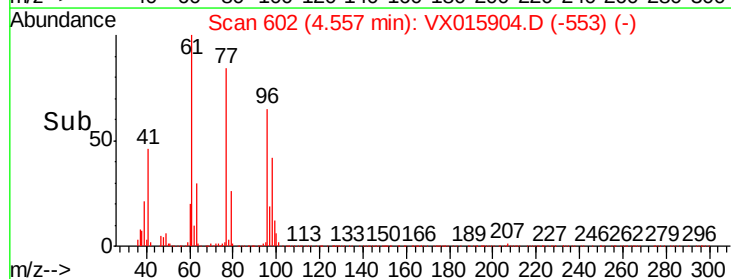
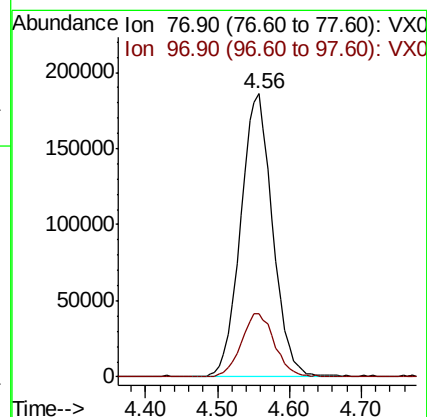
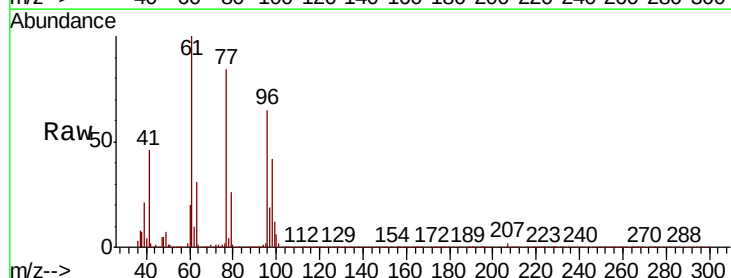
Acq: 23 Apr 2020 20:47

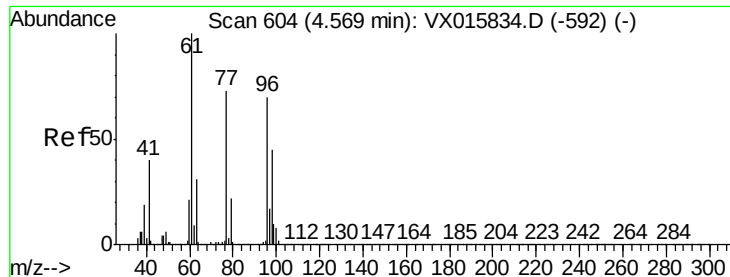
Tgt Ion: 77 Resp: 568547

Ion Ratio Lower Upper

77 100

97 23.3 11.4 34.1



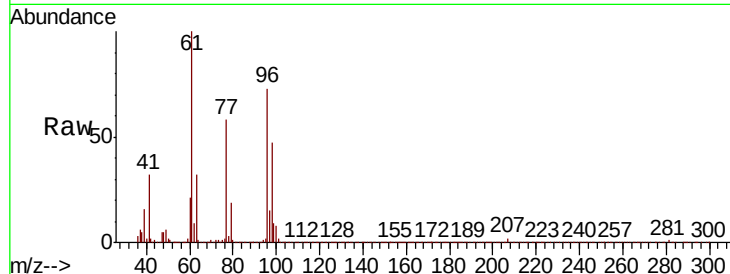


#27

cis-1,2-Dichloroethene
Concen: 53.486 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX015904.D
Acq: 23 Apr 2020 20:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.9	0.0	299.4
98	64.2	0.0	129.6

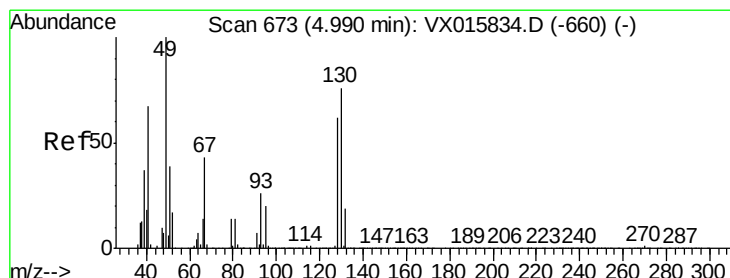
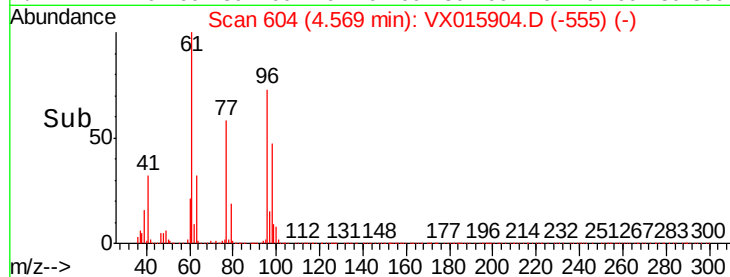
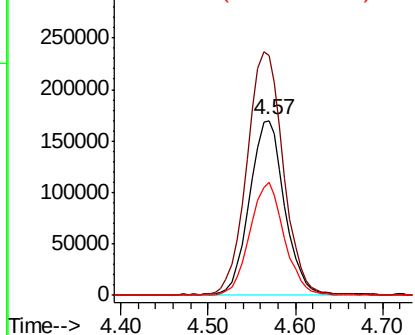


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

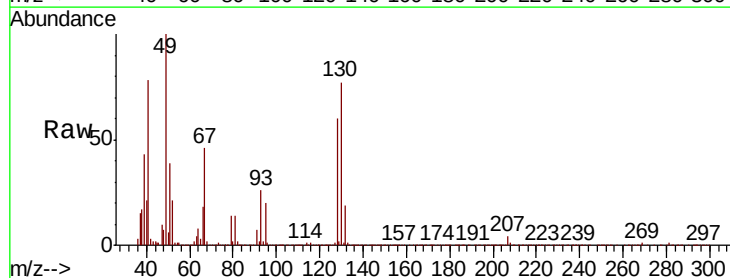
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 49.110 ug/l
RT: 4.99 min Scan# 673
Delta R.T. 0.00 min
Lab File: VX015904.D
Acq: 23 Apr 2020 20:47

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	1.8#
130	77.0	62.4	93.6

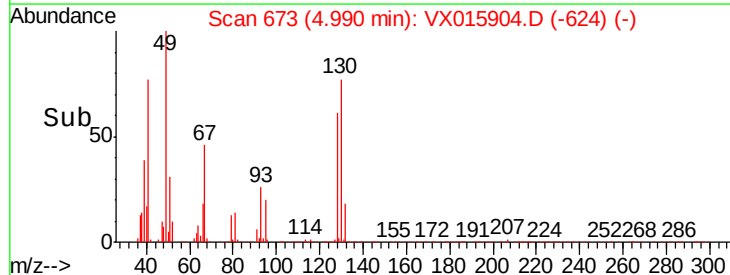
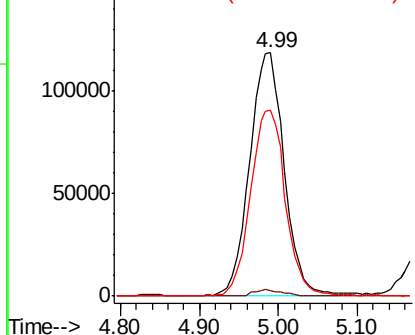


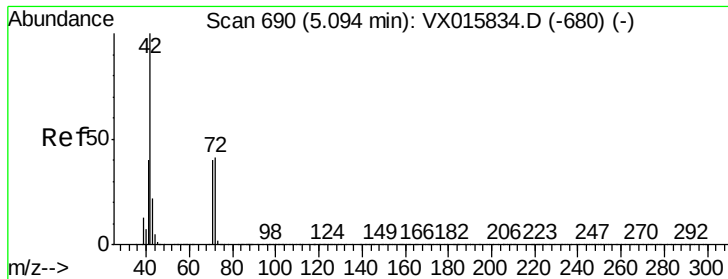
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

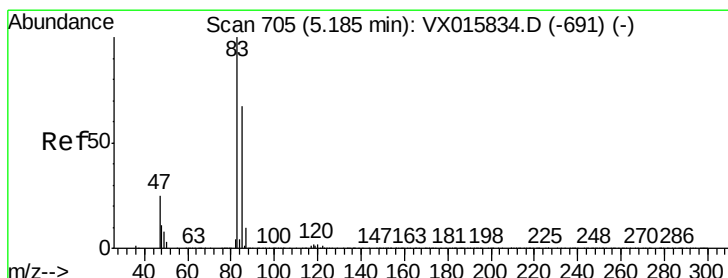
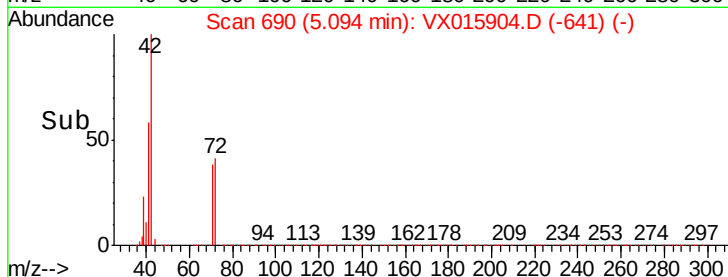
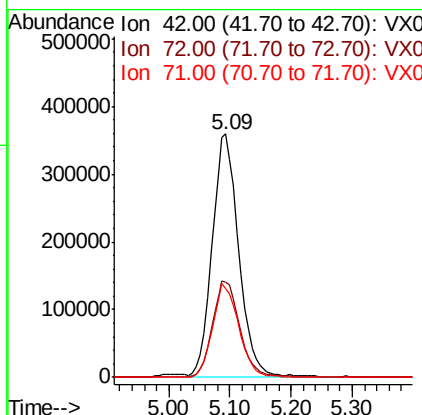
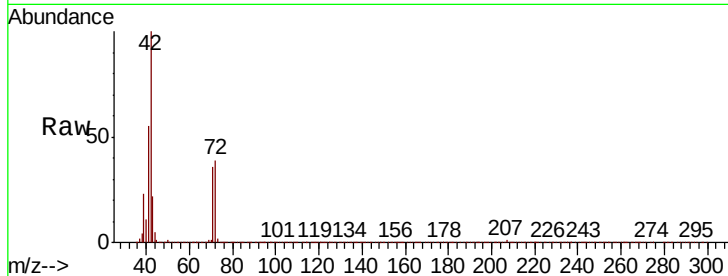




#29
Tetrahydrofuran
Concen: 263.272 ug/l
RT: 5.09 min Scan# 690
Delta R.T. 0.00 min
Lab File: VX015904.D
Acq: 23 Apr 2020 20:47

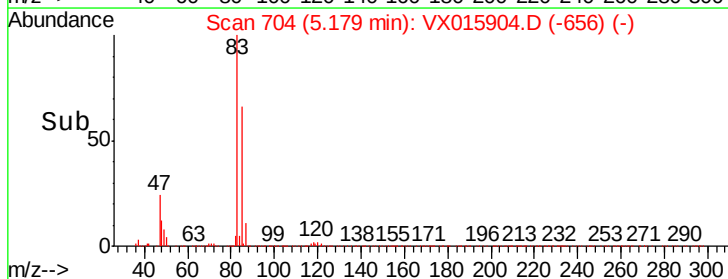
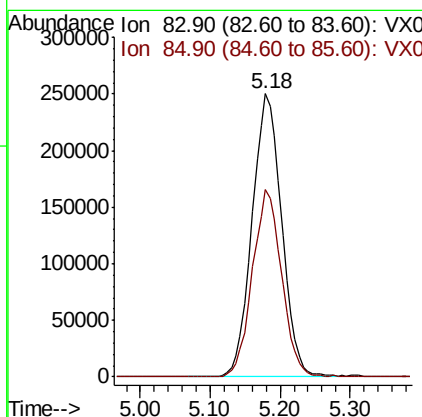
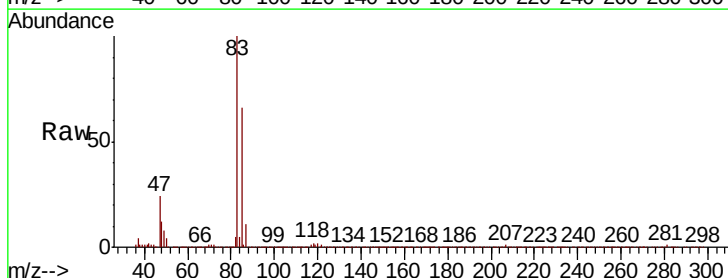
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

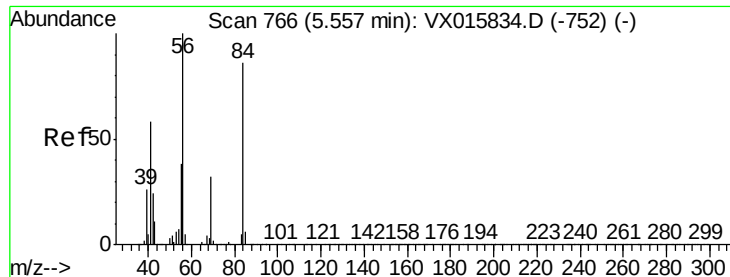
Tot Ion: 42 Resp: 1083336
Ion Ratio Lower Upper
42 100
72 40.9 33.0 49.6
71 38.0 30.6 45.8



#30
Chloroform
Concen: 52.715 ug/l
RT: 5.18 min Scan# 704
Delta R.T. -0.01 min
Lab File: VX015904.D
Acq: 23 Apr 2020 20:47

Tgt Ion: 83 Resp: 737044
Ion Ratio Lower Upper
83 100
85 66.1 53.4 80.0

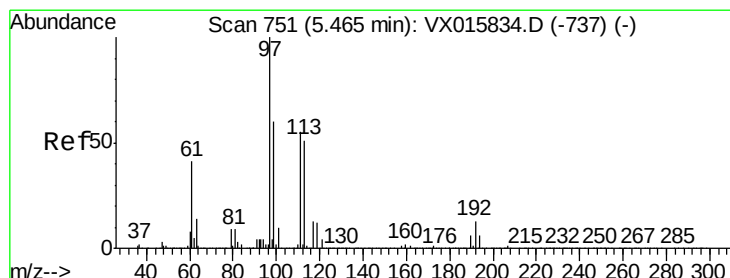
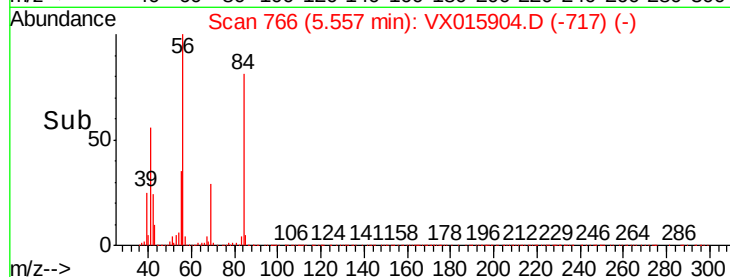
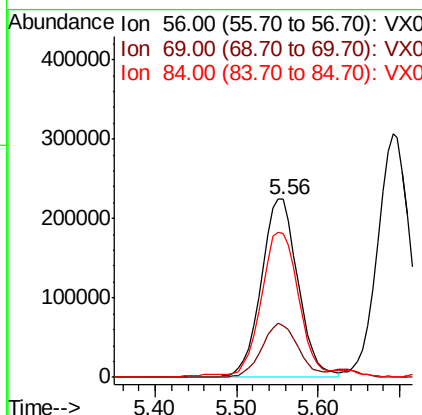
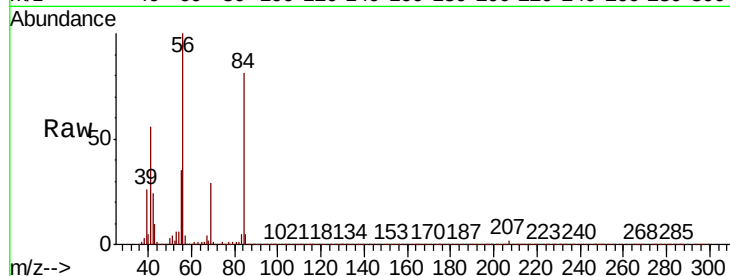




#31
Cyclohexane
Concen: 53.190 ug/l
RT: 5.56 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX015904.D
Acq: 23 Apr 2020 20:47

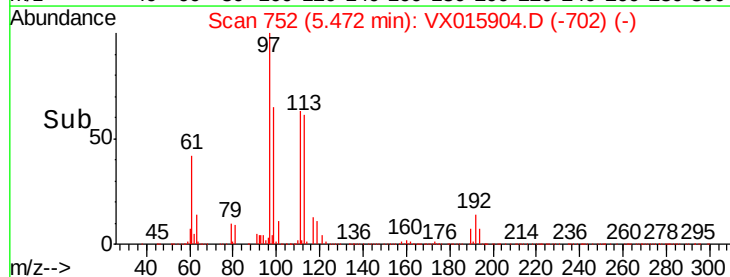
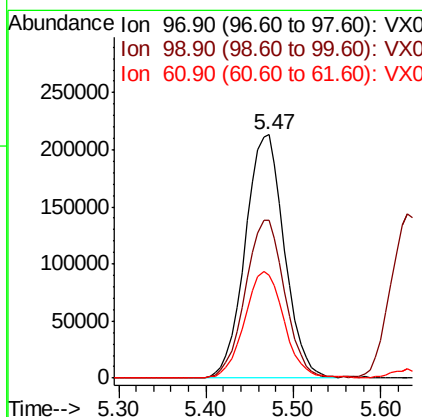
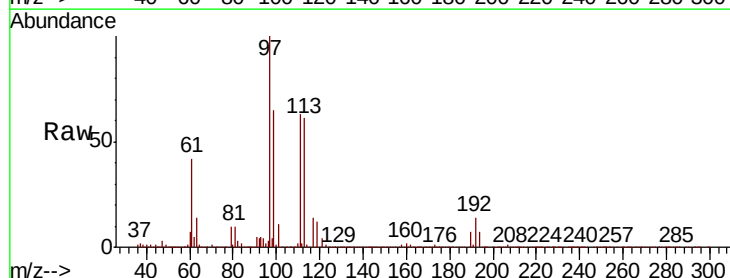
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

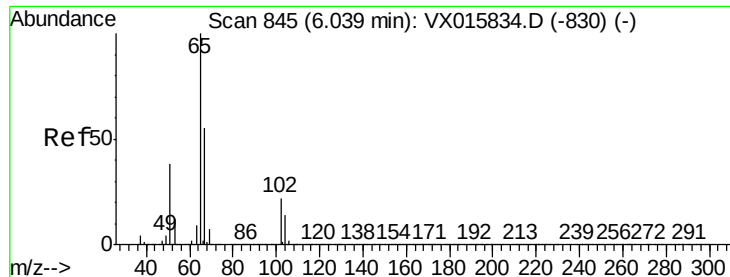
Tot Ion: 56 Resp: 702464
Ion Ratio Lower Upper
56 100
69 28.6 25.3 37.9
84 80.3 69.1 103.7



#32
1,1,1-Trichloroethane
Concen: 53.140 ug/l
RT: 5.47 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX015904.D
Acq: 23 Apr 2020 20:47

Tgt Ion: 97 Resp: 662458
Ion Ratio Lower Upper
97 100
99 65.4 51.2 76.8
61 44.1 34.1 51.1

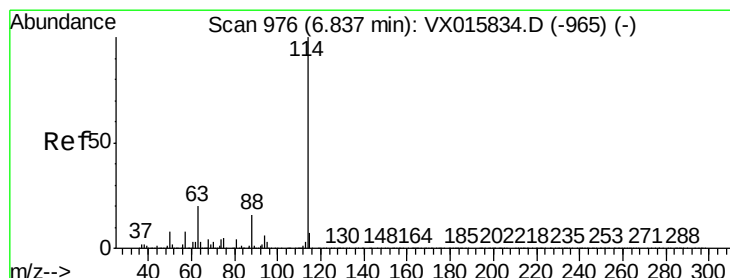
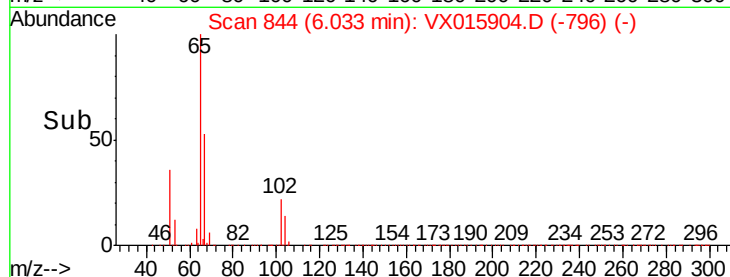
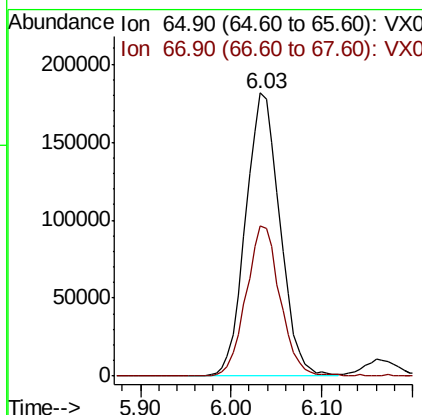
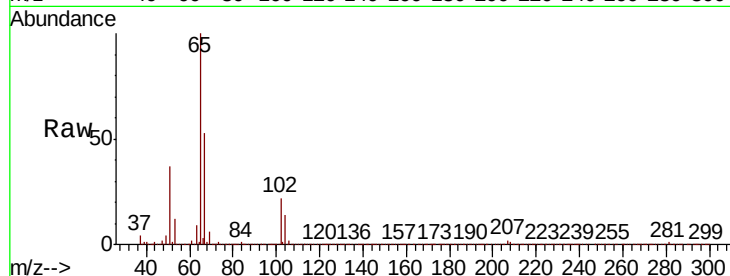




#33
 1,2-Dichloroethane-d4
 Concen: 52.343 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: VX015904.D
 Acq: 23 Apr 2020 20:47

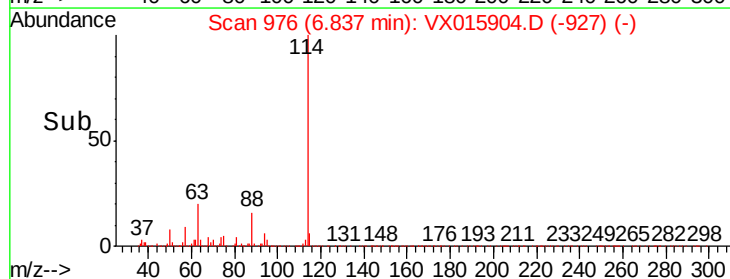
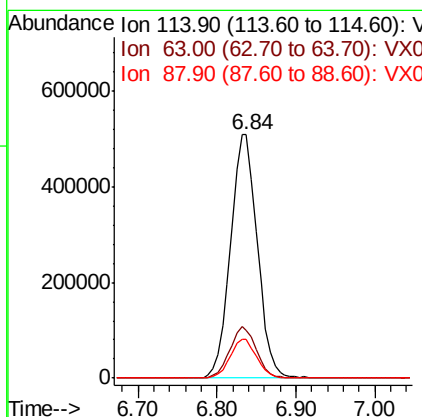
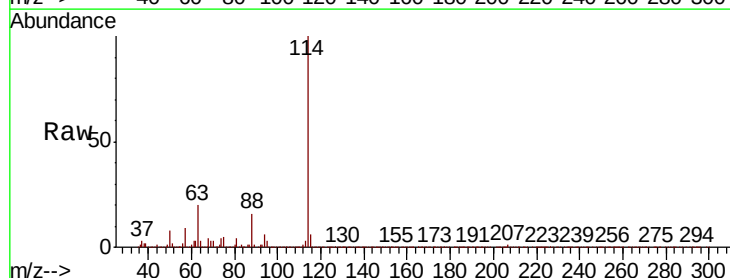
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

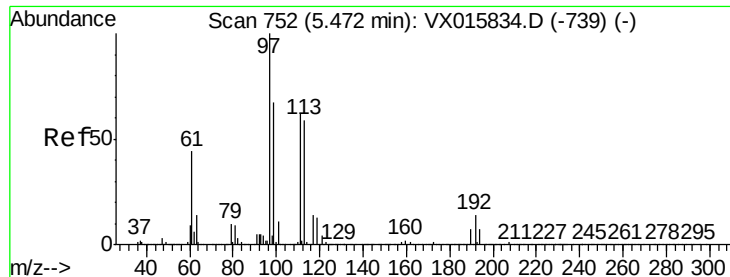
Tot Ion: 65 Resp: 473150
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: VX015904.D
 Acq: 23 Apr 2020 20:47

Tgt Ion: 114 Resp: 1207069
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.6
 88 15.7 0.0 32.8

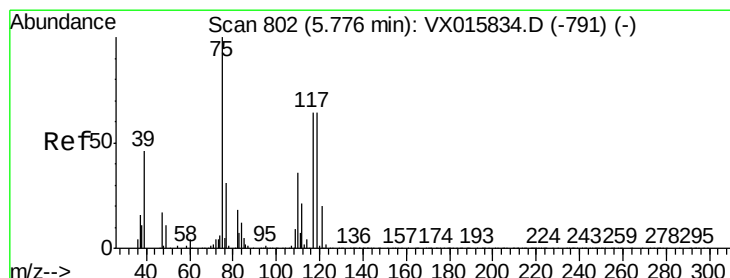
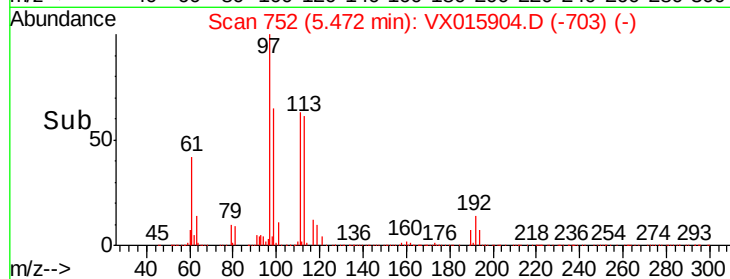
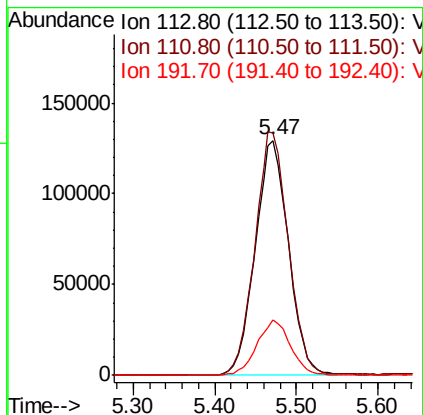
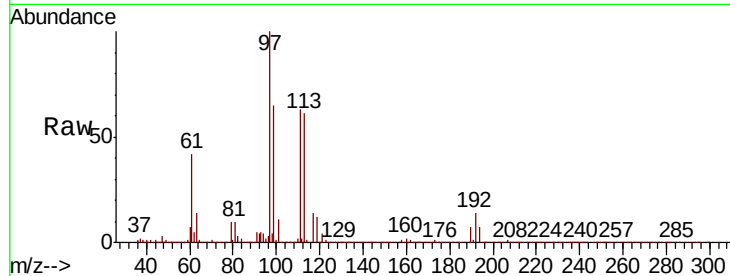




#35
 Dibromofluoromethane
 Concen: 52.682 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: VX015904.D
 Acq: 23 Apr 2020 20:47

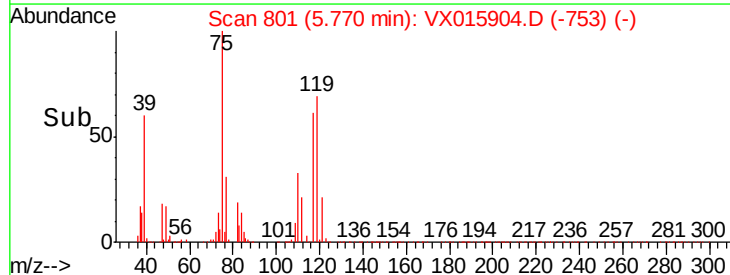
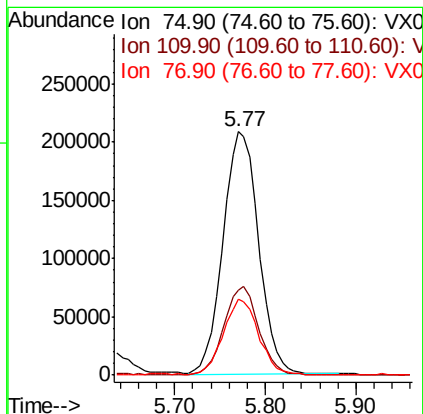
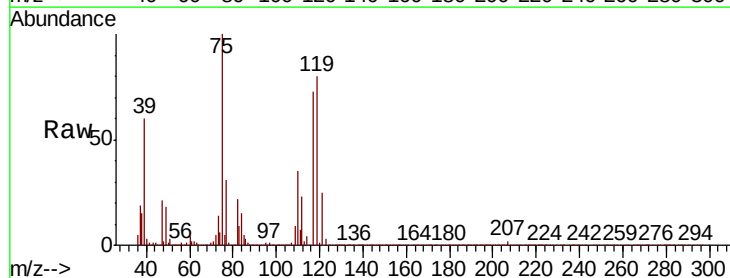
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

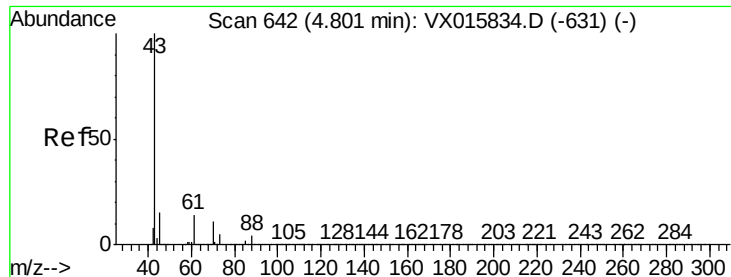
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.7	124.1
192	23.3	19.3	28.9



#36
 1,1-Dichloropropene
 Concen: 52.929 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: VX015904.D
 Acq: 23 Apr 2020 20:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.9	17.9	53.8
77	31.0	24.5	36.7

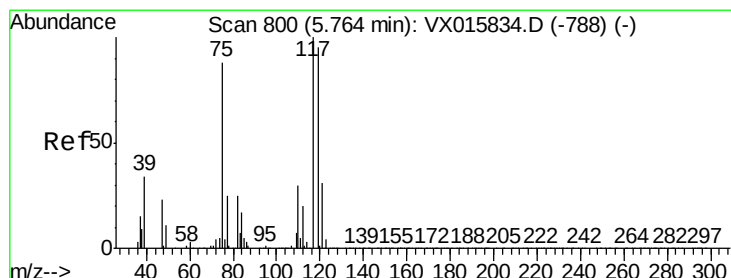
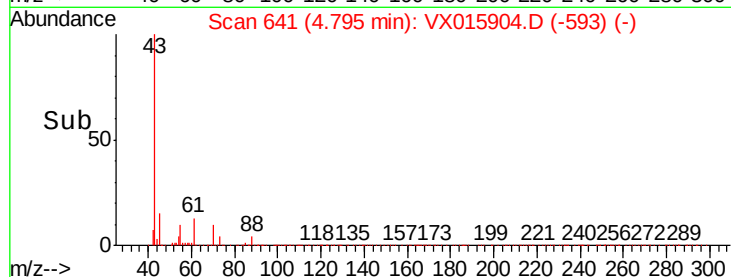
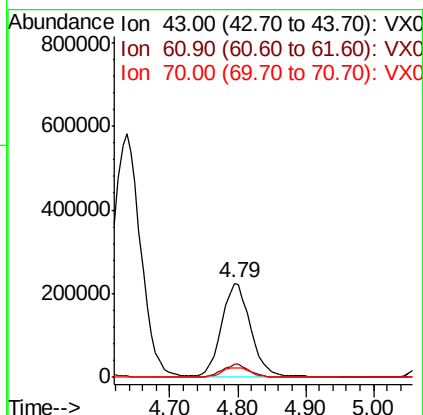
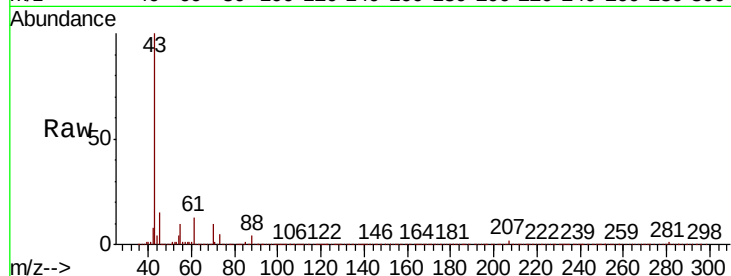




#37
Ethyl Acetate
Concen: 51.856 ug/l
RT: 4.79 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015904.D
Acq: 23 Apr 2020 20:47

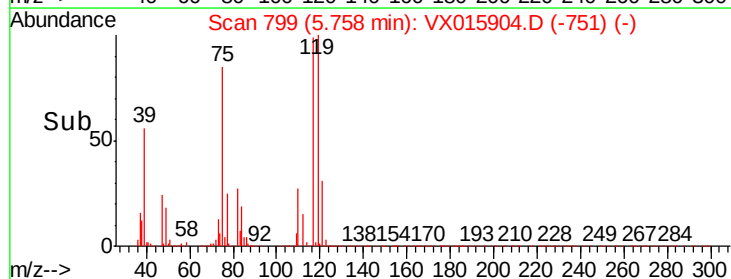
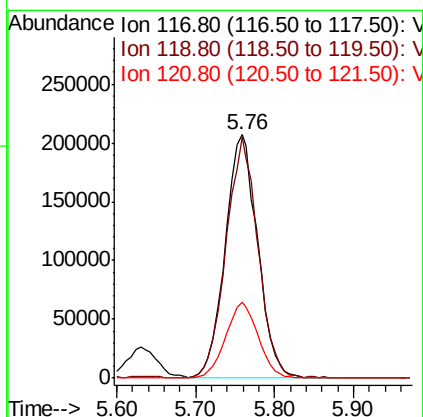
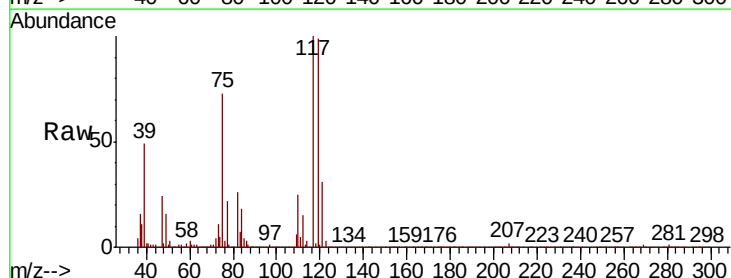
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

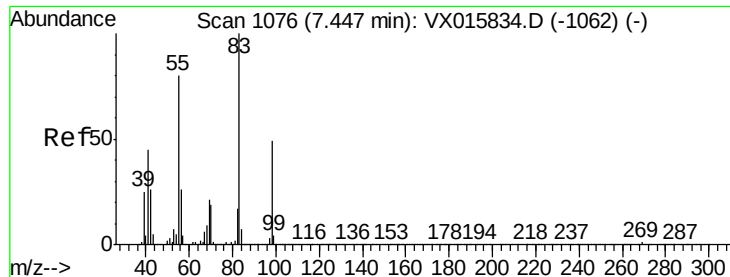
Tot Ion: 43 Resp: 660413
Ion Ratio Lower Upper
43 100
61 12.4 10.8 16.2
70 10.4 8.2 12.2



#38
Carbon Tetrachloride
Concen: 56.081 ug/l
RT: 5.76 min Scan# 799
Delta R.T. -0.01 min
Lab File: VX015904.D
Acq: 23 Apr 2020 20:47

Tgt Ion: 117 Resp: 591127
Ion Ratio Lower Upper
117 100
119 99.1 75.7 113.5
121 31.2 25.0 37.6

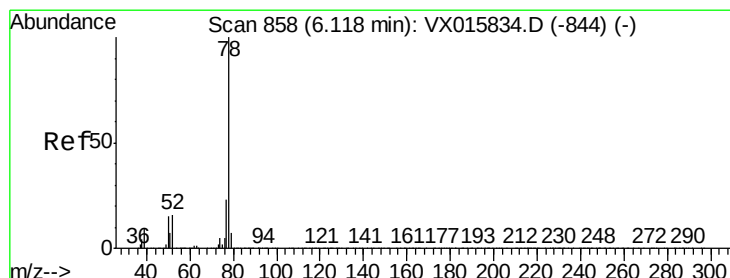
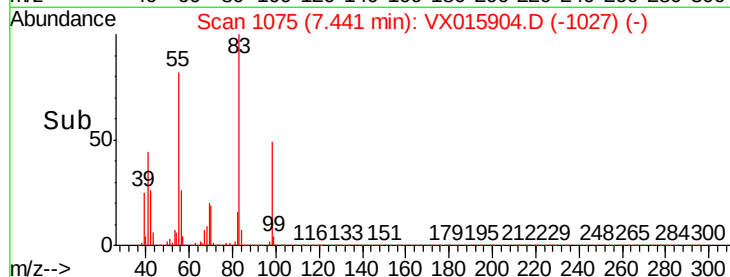
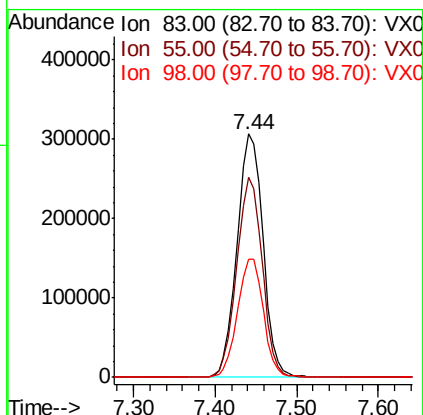
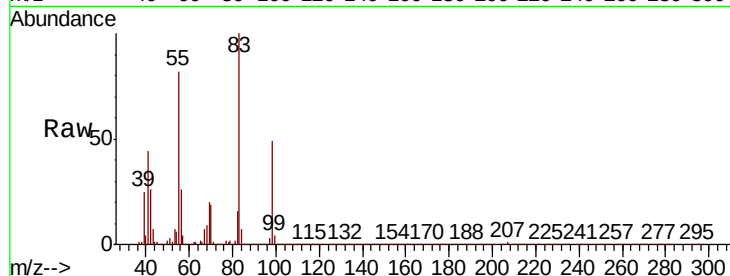




#39
Methylvlcyclohexane
Concen: 49.895 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VX015904.D
Acq: 23 Apr 2020 20:47

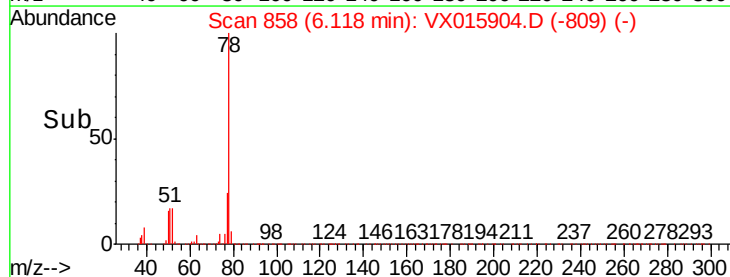
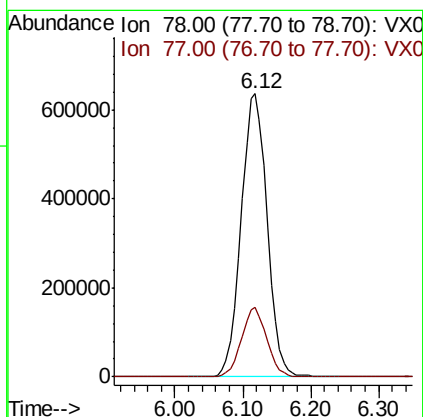
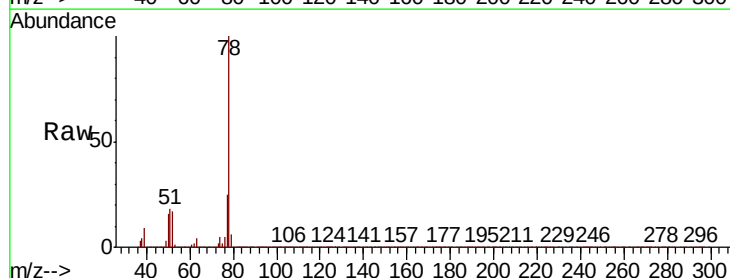
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

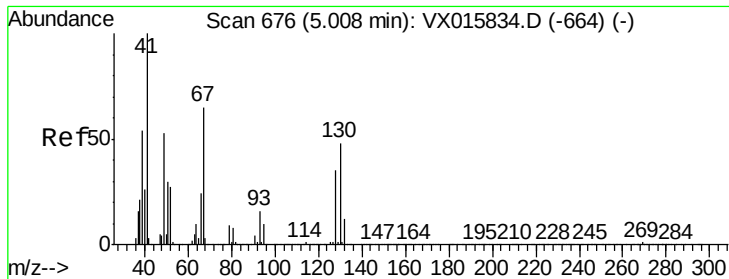
Tot Ion	83.00	Resp	676133
Ion	Ratio	Lower	Upper
83	100		
55	82.2	64.2	96.4
98	48.7	39.3	58.9



#40
Benzene
Concen: 52.225 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015904.D
Acq: 23 Apr 2020 20:47

Tgt Ion	78.00	Resp	1683171
Ion	Ratio	Lower	Upper
78	100		
77	24.6	18.6	27.8

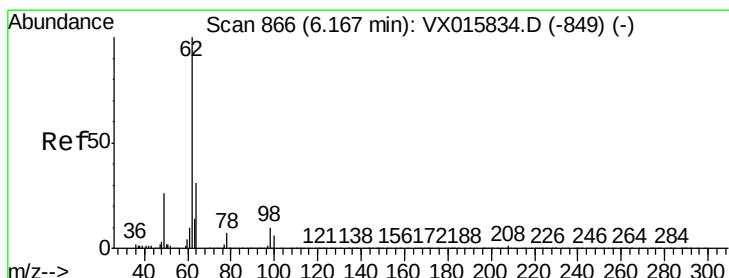
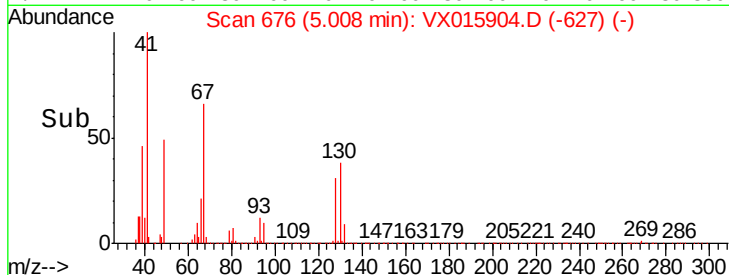
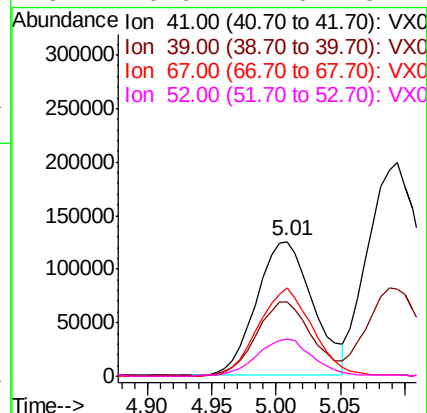
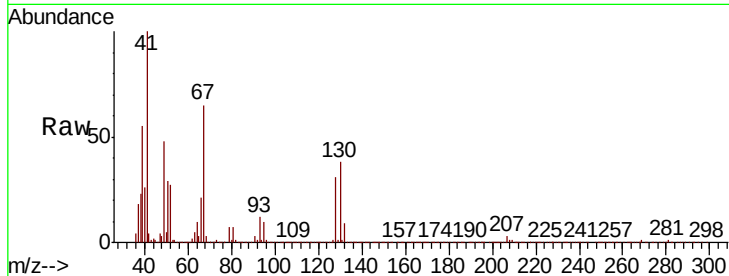




#41
Methacrylonitrile
Concen: 54.117 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015904.D
Acq: 23 Apr 2020 20:47

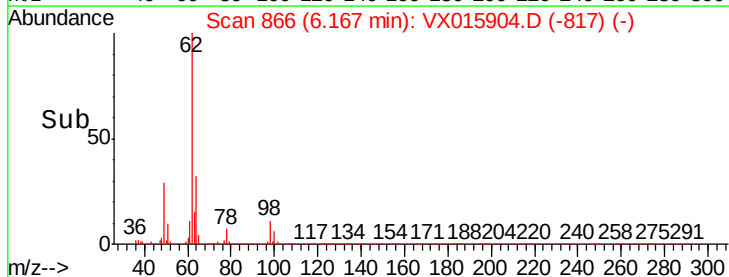
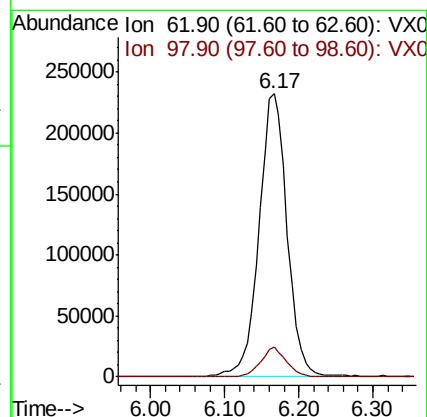
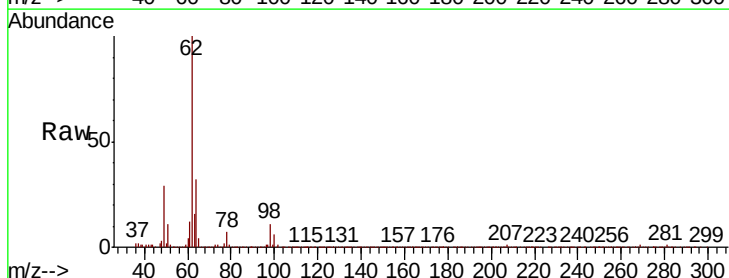
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

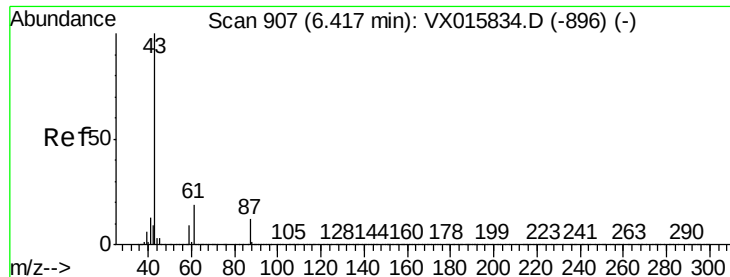
Tot Ion:	41	Resp:	382970
Ion	Ratio	Lower	Upper
41	100		
39	52.9	42.4	63.6
67	62.8	51.9	77.9
52	26.9	21.0	31.4



#42
1,2-Dichloroethane
Concen: 52.952 ug/l
RT: 6.17 min Scan# 866
Delta R.T. 0.00 min
Lab File: VX015904.D
Acq: 23 Apr 2020 20:47

Tgt Ion:	62	Resp:	614545
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	20.0





#43

Isopropyl Acetate

Concen: 52.127 ug/l

RT: 6.42 min Scan# 907

Delta R.T. 0.00 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

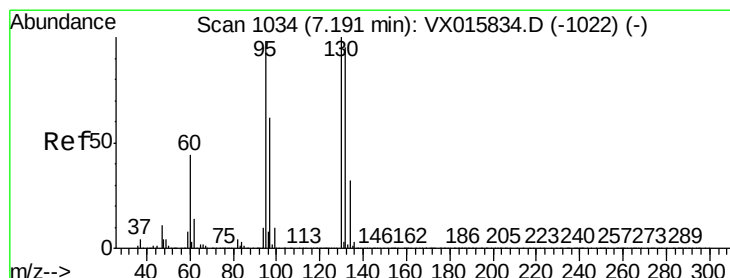
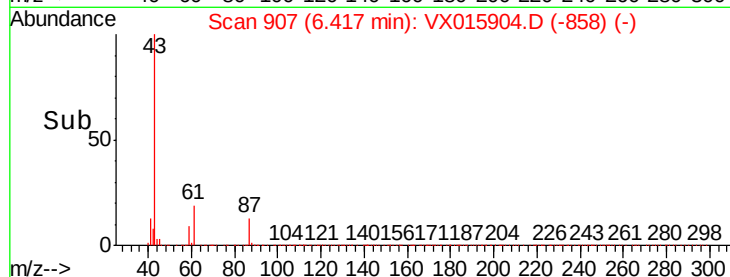
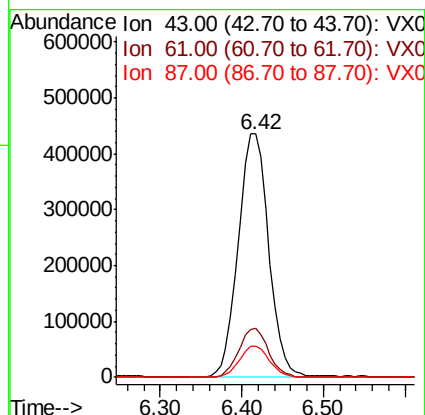
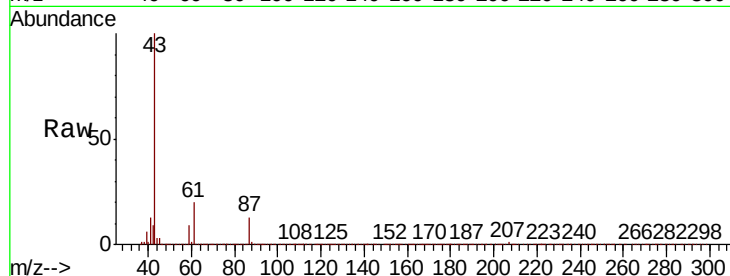
Tot Ion: 43 Resp: 1119830

Ion Ratio Lower Upper

43 100

61 19.6 15.4 23.2

87 12.6 9.8 14.6



#44

Trichloroethene

Concen: 50.880 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX015904.D

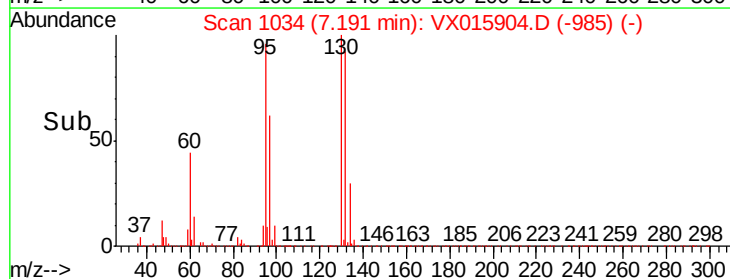
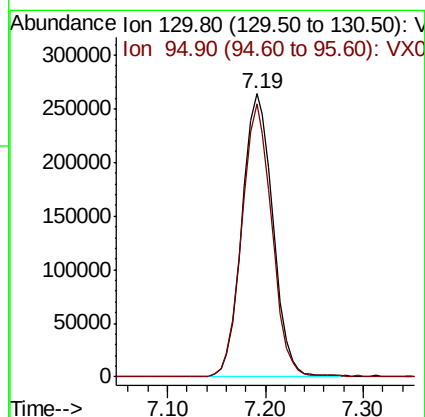
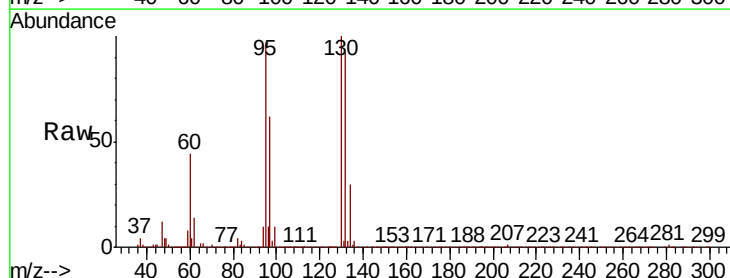
Acq: 23 Apr 2020 20:47

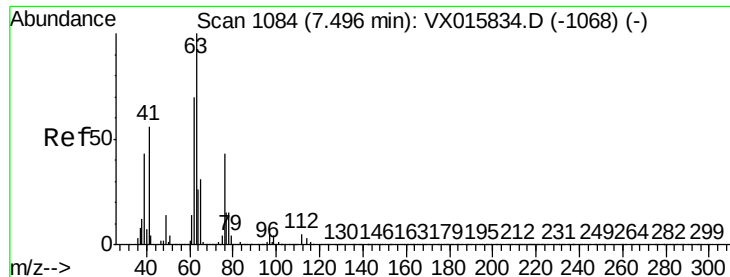
Tgt Ion:130 Resp: 576291

Ion Ratio Lower Upper

130 100

95 96.4 0.0 195.8

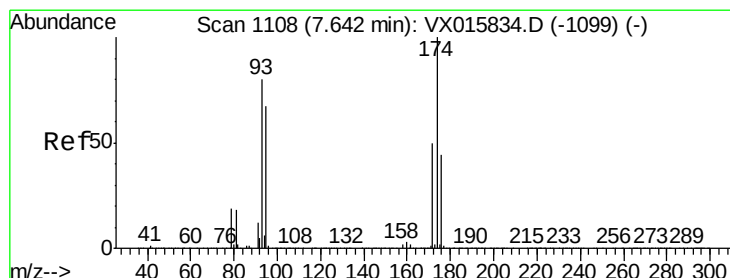
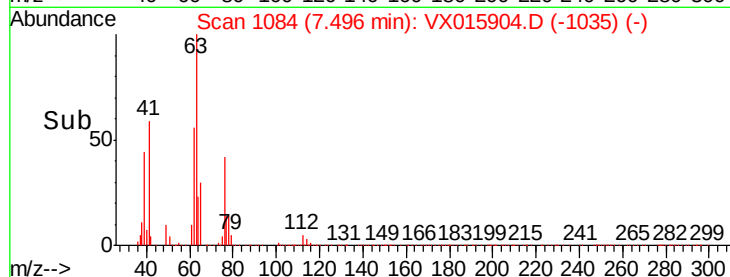
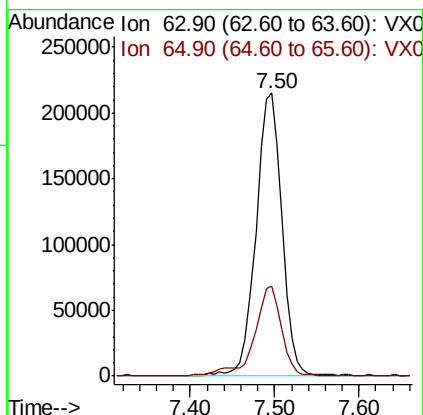
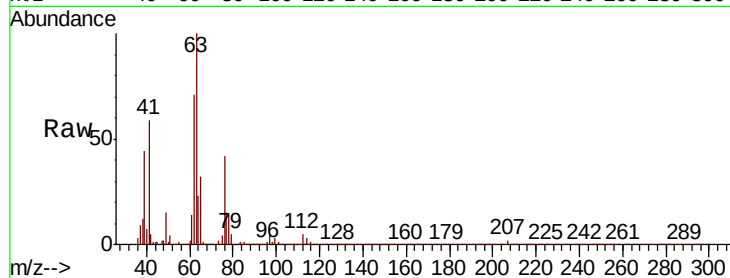




#45
 1,2-Dichloropropane
 Concen: 53.705 ug/l
 RT: 7.50 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: VX015904.D
 Acq: 23 Apr 2020 20:47

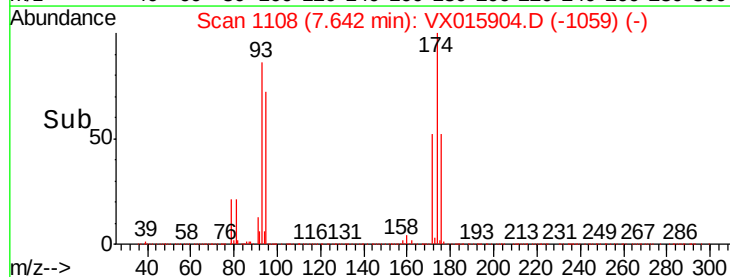
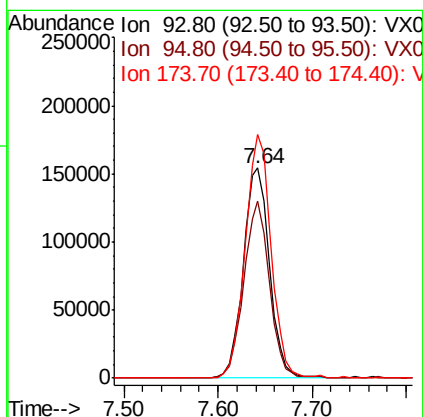
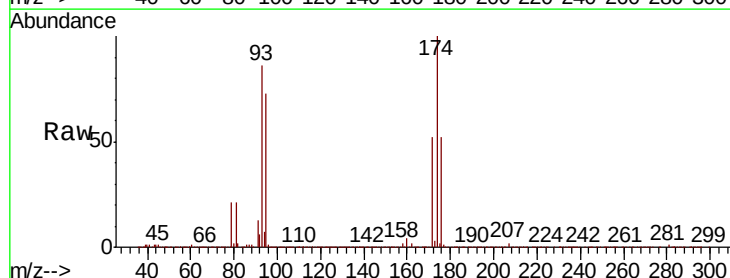
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

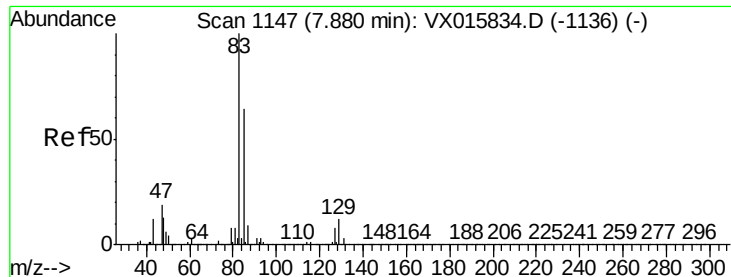
Tot Ion: 63 Resp: 453604
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.5 36.7



#46
 Dibromomethane
 Concen: 48.610 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VX015904.D
 Acq: 23 Apr 2020 20:47

Tgt Ion: 93 Resp: 299715
 Ion Ratio Lower Upper
 93 100
 95 82.6 65.8 98.8
 174 115.4 95.6 143.4





#47

Bromodichloromethane

Concen: 54.946 ug/l

RT: 7.87 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

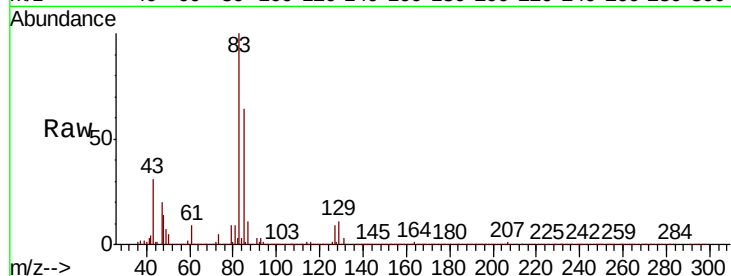
Tot Ion: 83 Resp: 602690

Ion Ratio Lower Upper

83 100

85 64.1 50.8 76.2

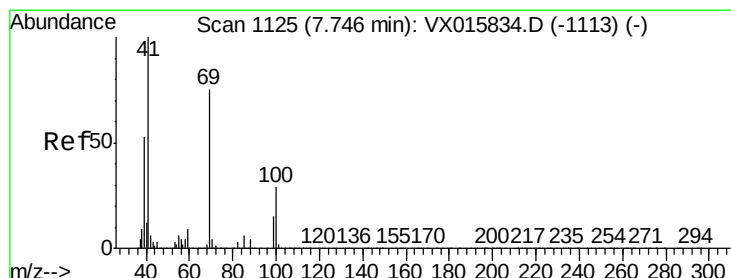
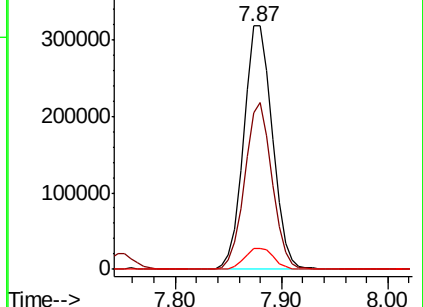
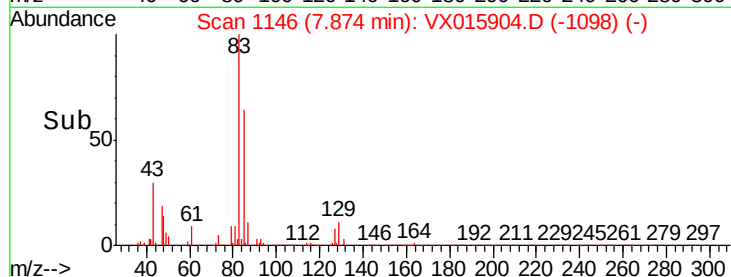
127 8.5 6.6 10.0



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: 53.374 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. 0.00 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

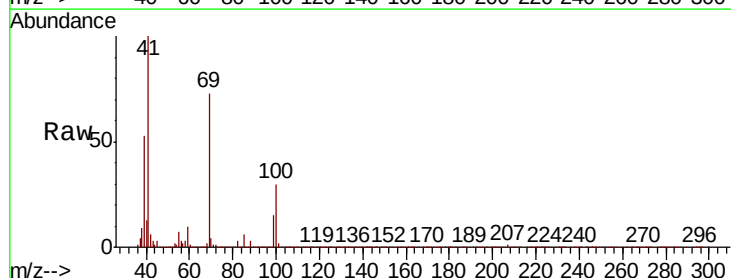
Tgt Ion: 41 Resp: 564018

Ion Ratio Lower Upper

41 100

69 75.4 60.5 90.7

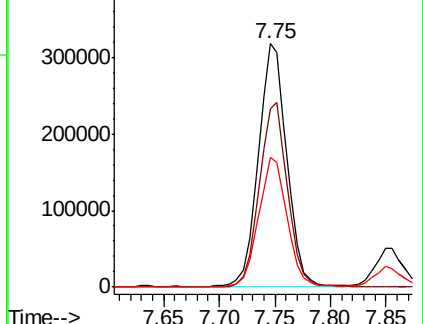
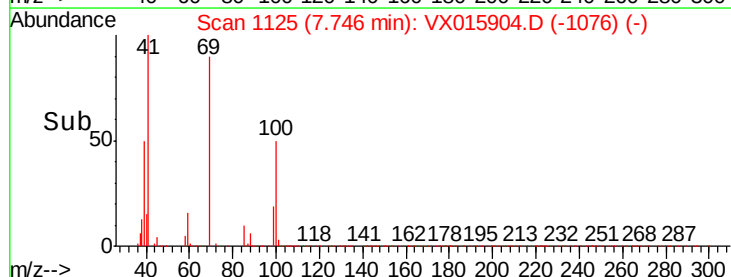
39 53.3 42.1 63.1

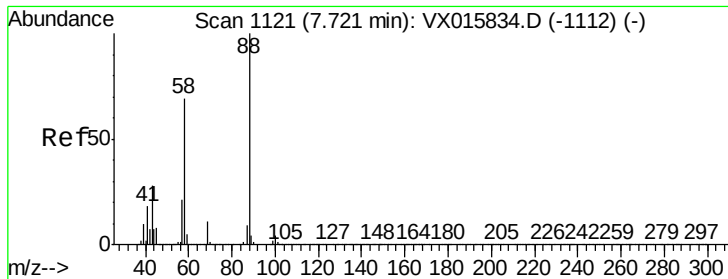


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1059.079 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. -0.01 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

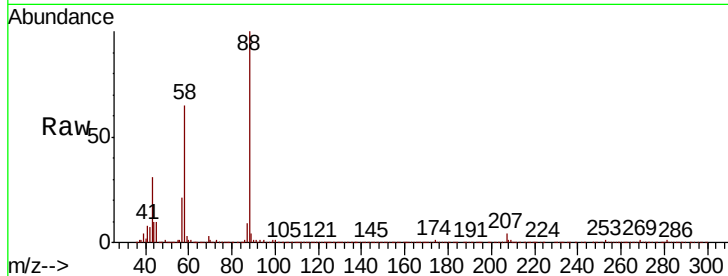
Tot Ion: 88 Resp: 211508

Ion Ratio Lower Upper

88 100

43 35.7 28.2 42.4

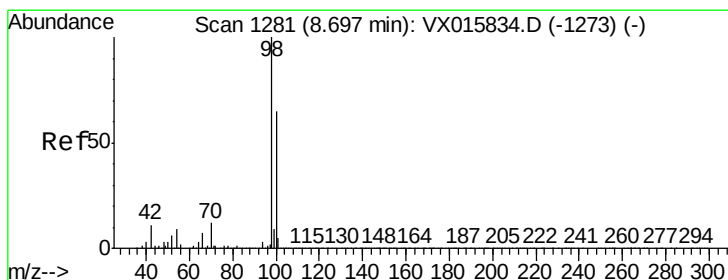
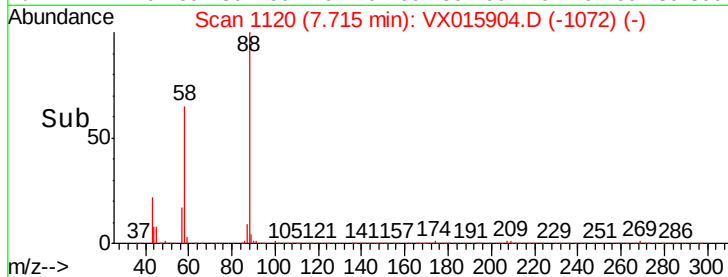
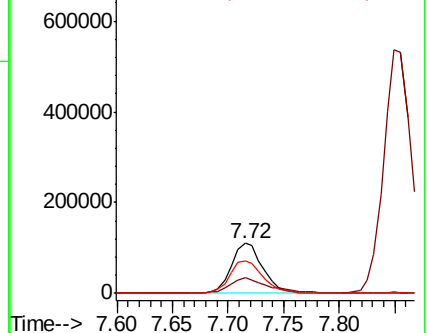
58 70.5 58.9 88.3



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: 51.742 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015904.D

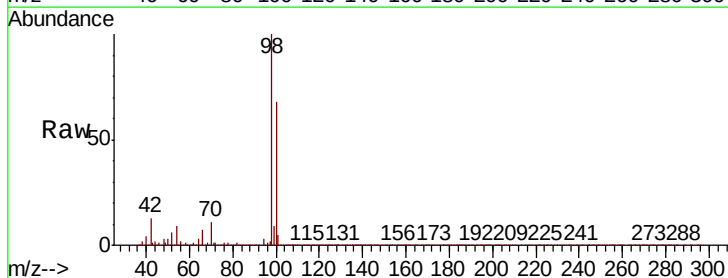
Acq: 23 Apr 2020 20:47

Tgt Ion: 98 Resp: 1451279

Ion Ratio Lower Upper

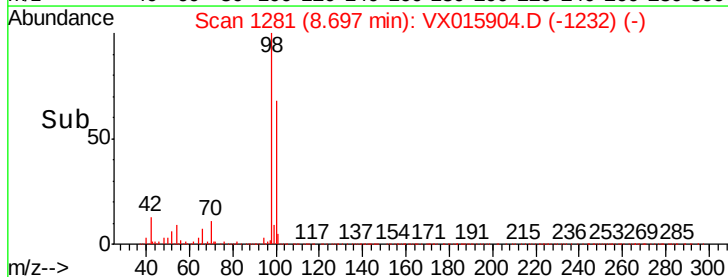
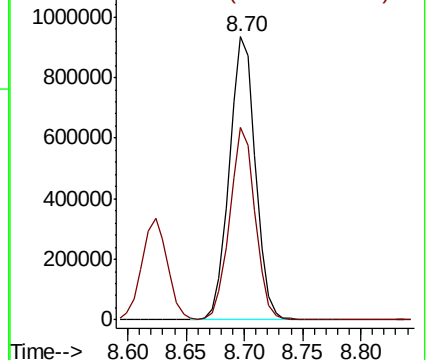
98 100

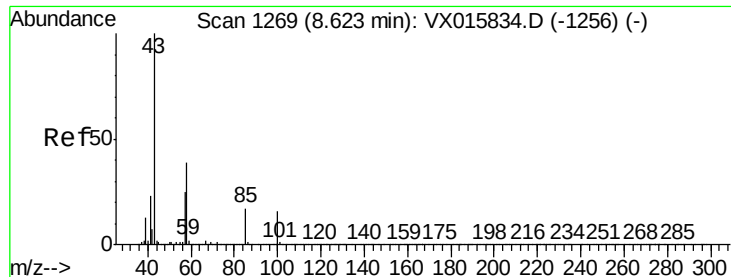
100 66.3 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 266.136 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

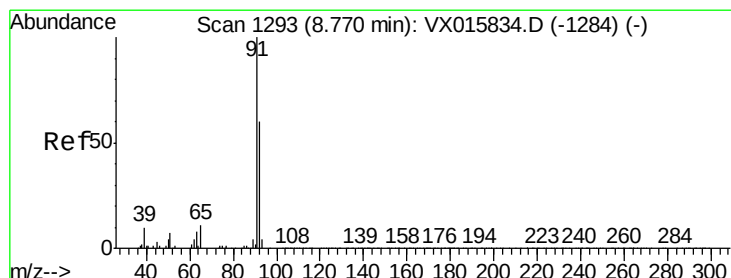
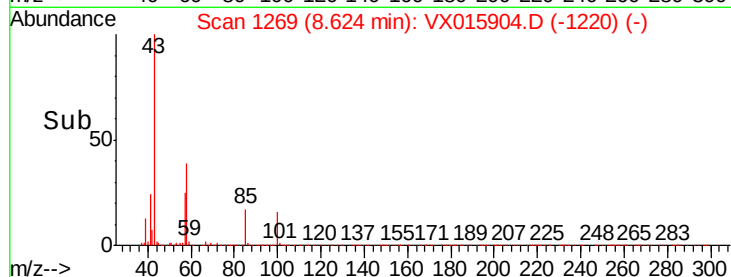
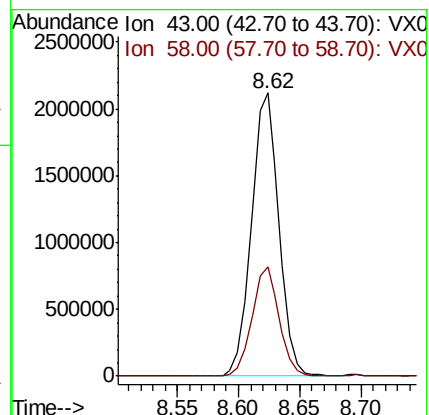
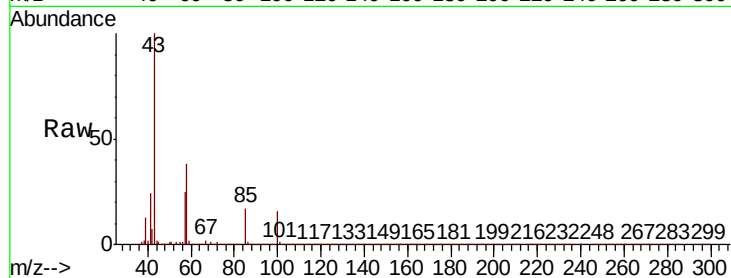
VSTDCCC050

Tot Ion: 43 Resp: 3300076

Ion Ratio Lower Upper

43 100

58 38.1 30.6 45.8



#52

Toluene

Concen: 52.469 ug/l

RT: 8.76 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VX015904.D

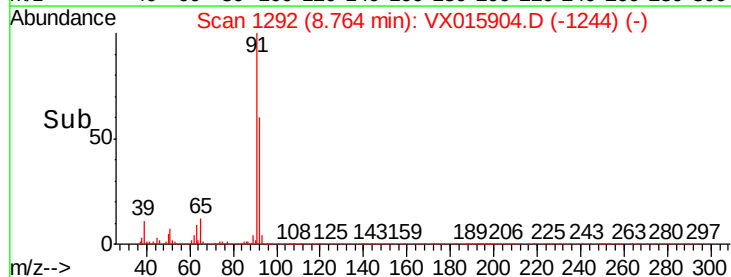
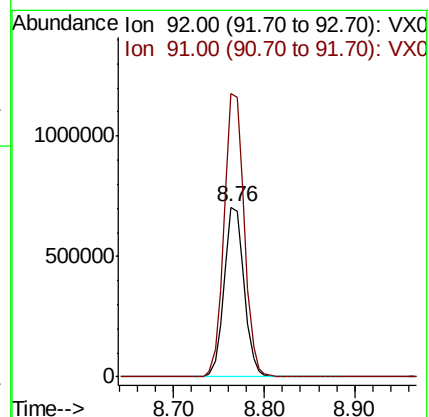
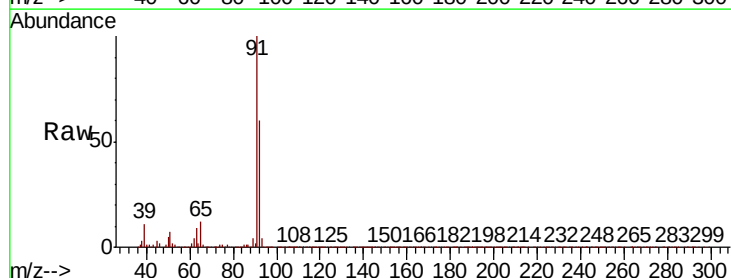
Acq: 23 Apr 2020 20:47

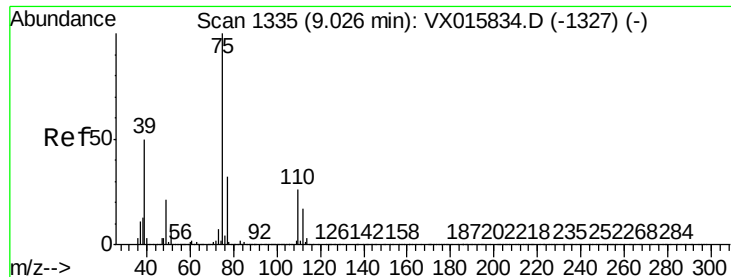
Tgt Ion: 92 Resp: 1083935

Ion Ratio Lower Upper

92 100

91 169.0 133.4 200.0





#53

t-1,3-Dichloropropene

Concen: 52.229 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

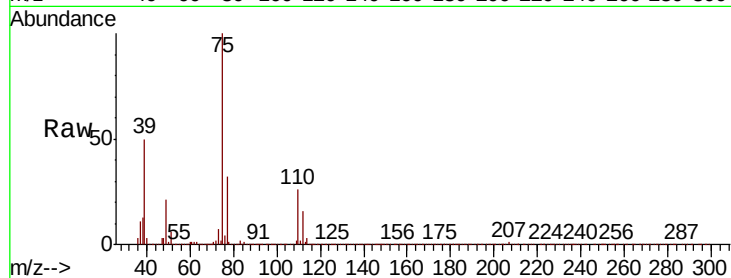
VSTDCCC050

Tot Ion: 75 Resp: 710819

Ion Ratio Lower Upper

75 100

77 31.9 25.9 38.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.03

500000

400000

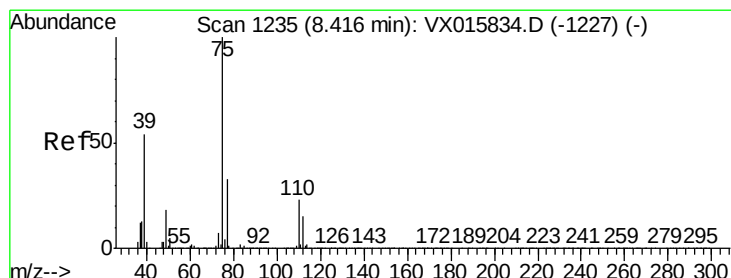
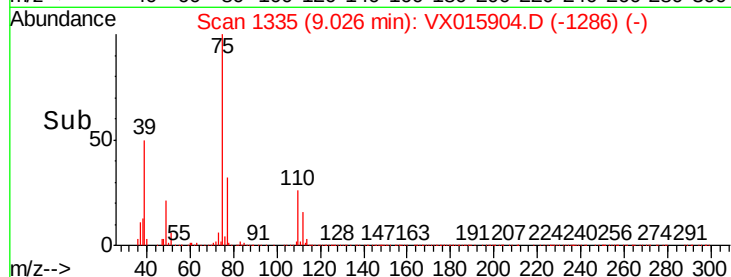
300000

200000

100000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 52.500 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

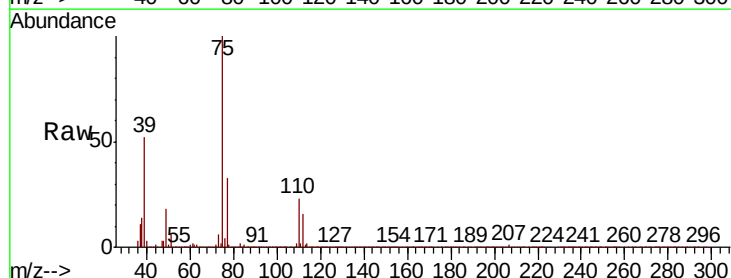
Tgt Ion: 75 Resp: 755165

Ion Ratio Lower Upper

75 100

77 32.5 26.0 39.0

39 51.6 42.8 64.2



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

500000

400000

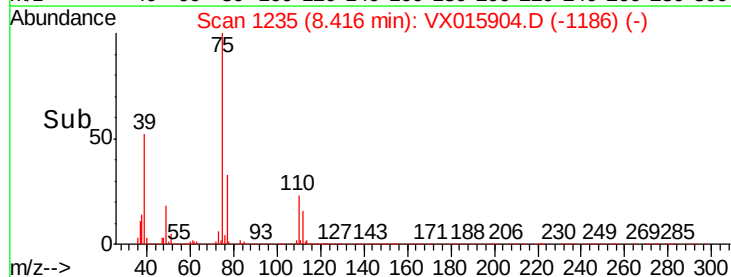
300000

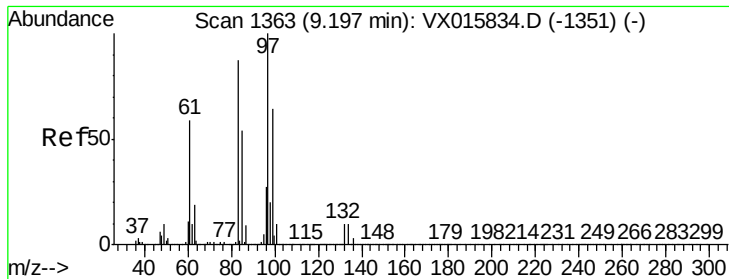
200000

100000

0

Time-->

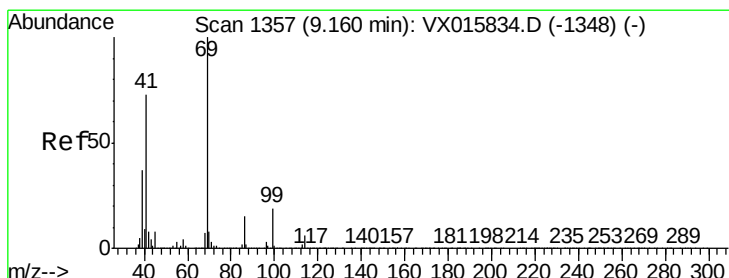
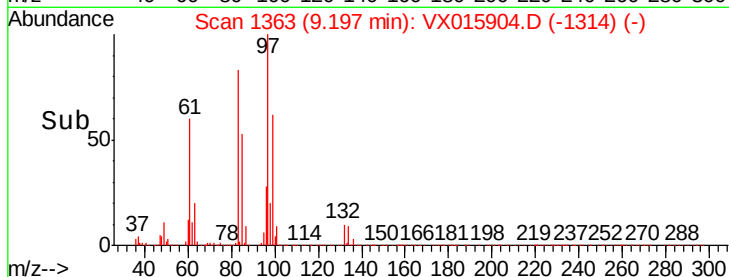
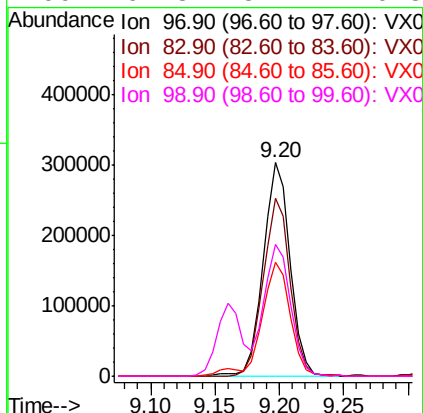
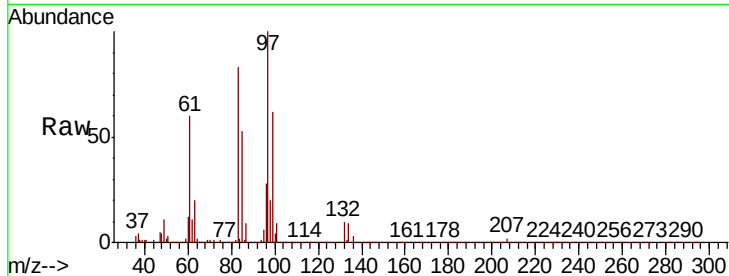




#55
 1,1,2-Trichloroethane
 Concen: 54.436 ug/l
 RT: 9.20 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VX015904.D
 Acq: 23 Apr 2020 20:47

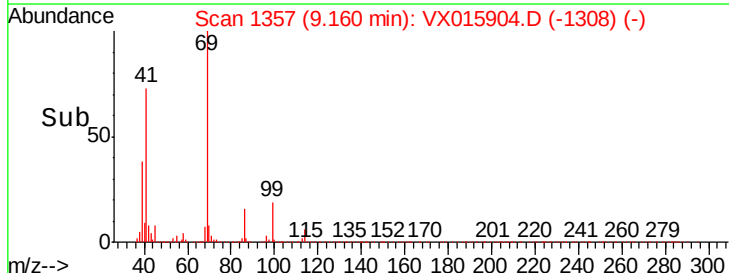
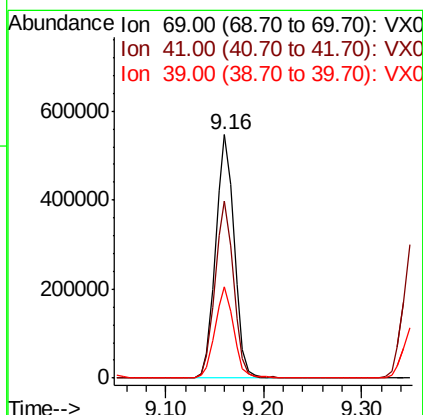
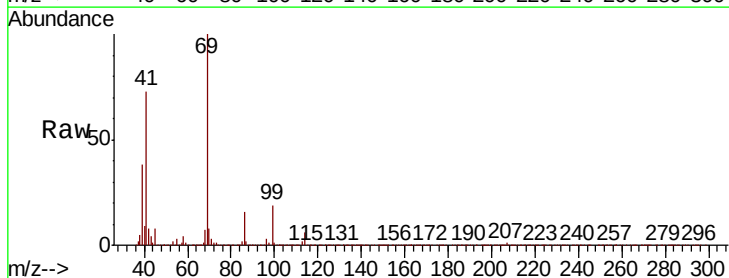
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

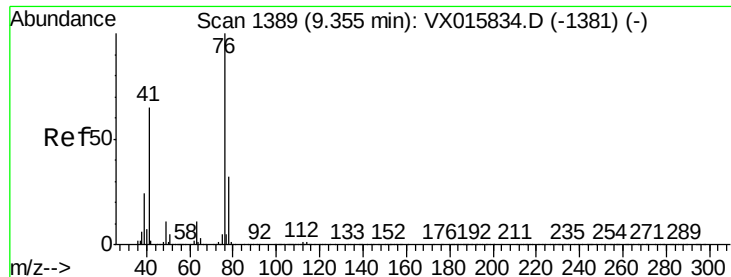
Tot Ion:	97	Resp:	439119
Ion	Ratio	Lower	Upper
97	100		
83	83.4	69.8	104.8
85	53.1	43.4	65.2
99	61.8	51.2	76.8



#56
 Ethyl methacrylate
 Concen: 53.183 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: VX015904.D
 Acq: 23 Apr 2020 20:47

Tgt Ion:	69	Resp:	726669
Ion	Ratio	Lower	Upper
69	100		
41	72.0	57.4	86.2
39	37.2	29.7	44.5





#57

1,3-Dichloropropane

Concen: 53.358 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

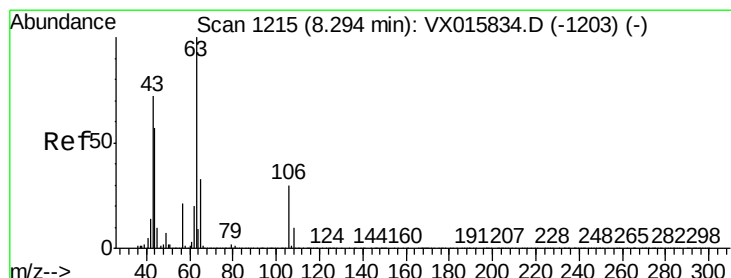
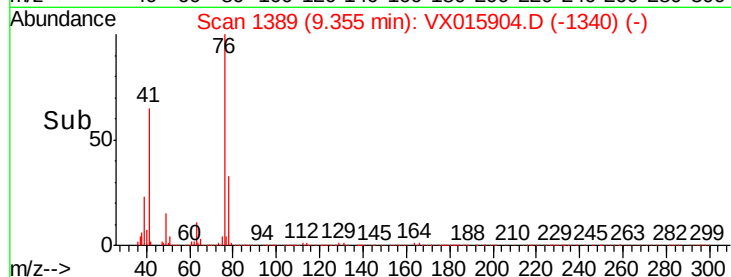
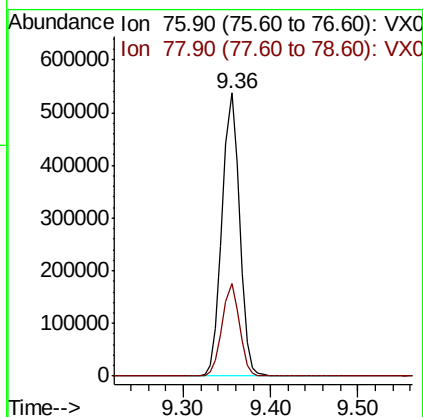
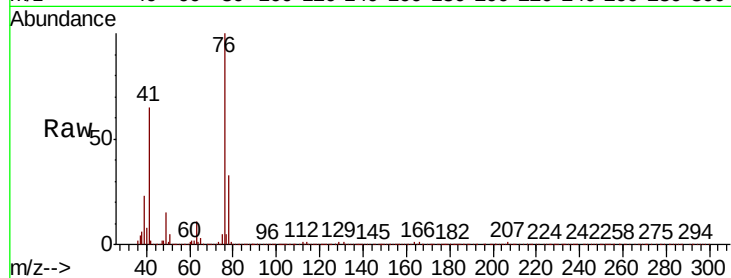
VSTDCCC050

Tot Ion: 76 Resp: 747951

Ion Ratio Lower Upper

76 100

78 32.3 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 266.314 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. 0.00 min

Lab File: VX015904.D

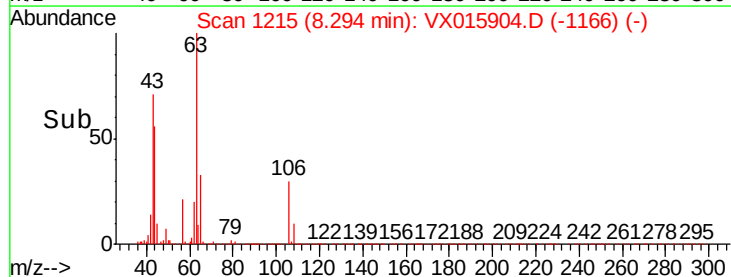
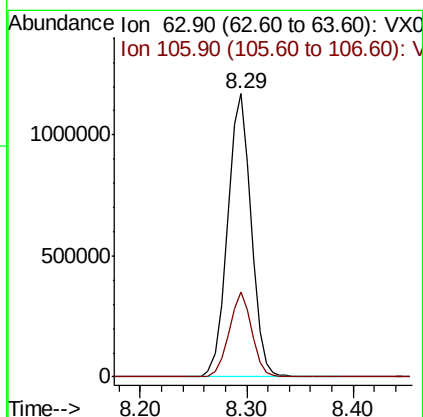
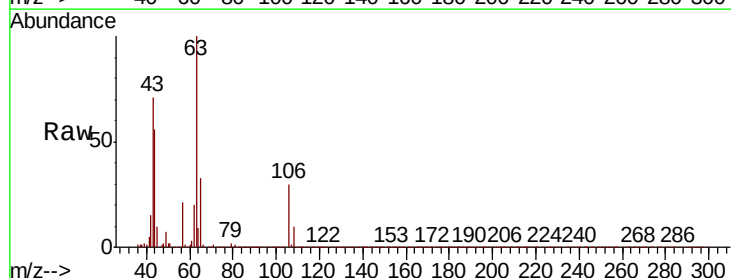
Acq: 23 Apr 2020 20:47

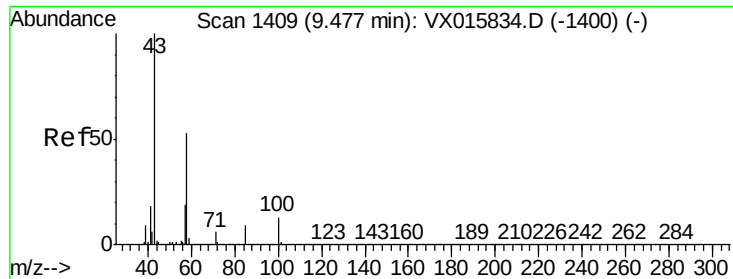
Tgt Ion: 63 Resp: 1817804

Ion Ratio Lower Upper

63 100

106 29.0 23.8 35.8





#59

2-Hexanone

Concen: 264.261 ug/l

RT: 9.47 min Scan# 1408

Delta R.T. -0.01 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

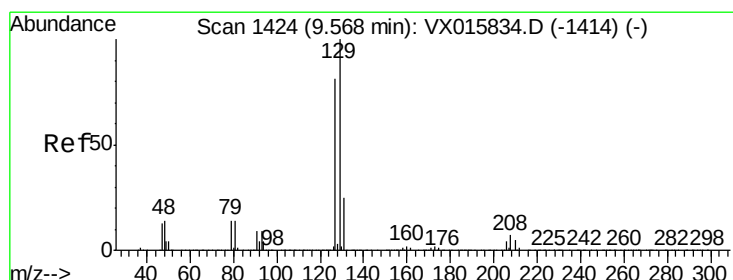
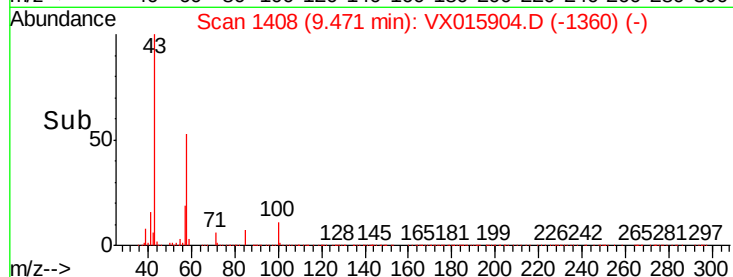
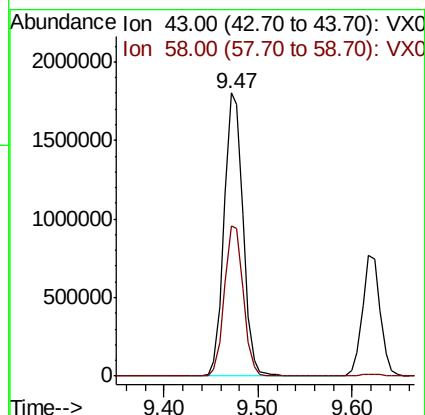
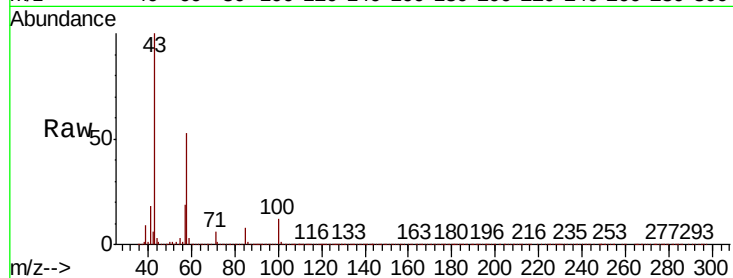
VSTDCCC050

Tot Ion: 43 Resp: 2496312

Ion Ratio Lower Upper

43 100

58 53.3 26.5 79.4



#60

Dibromochloromethane

Concen: 59.350 ug/l

RT: 9.57 min Scan# 1424

Delta R.T. 0.00 min

Lab File: VX015904.D

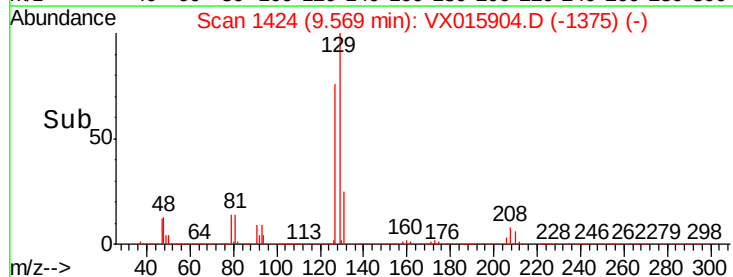
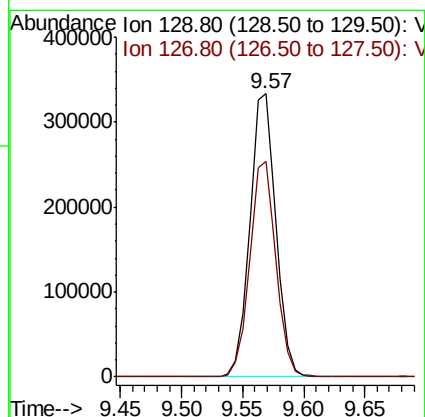
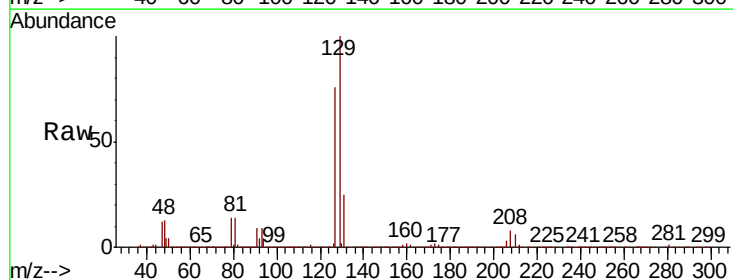
Acq: 23 Apr 2020 20:47

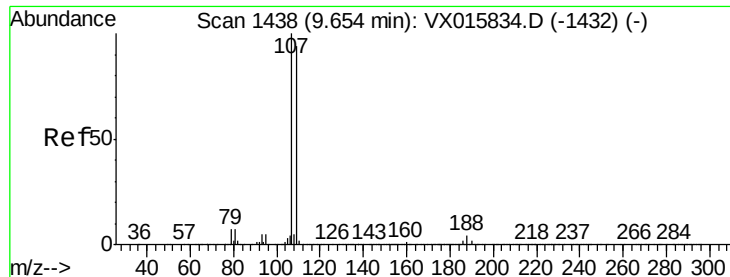
Tgt Ion: 129 Resp: 494413

Ion Ratio Lower Upper

129 100

127 76.5 40.0 120.0

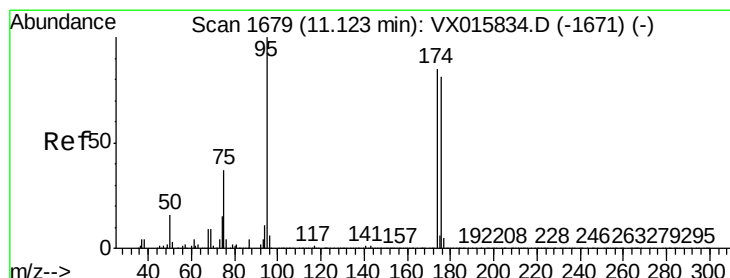
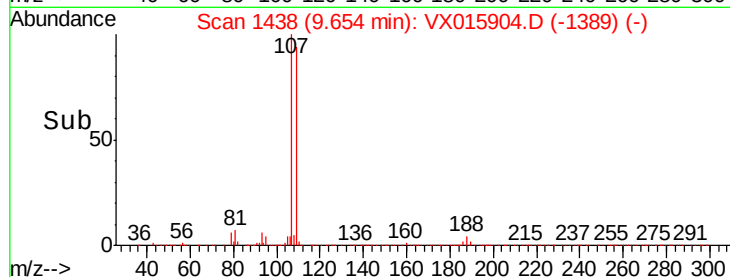
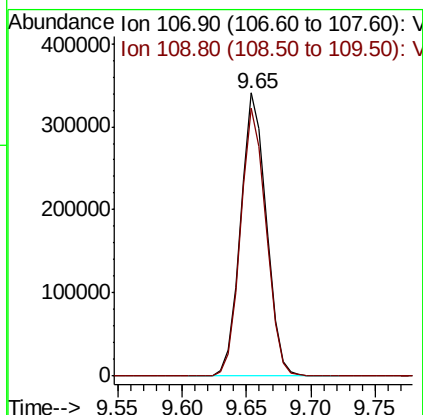
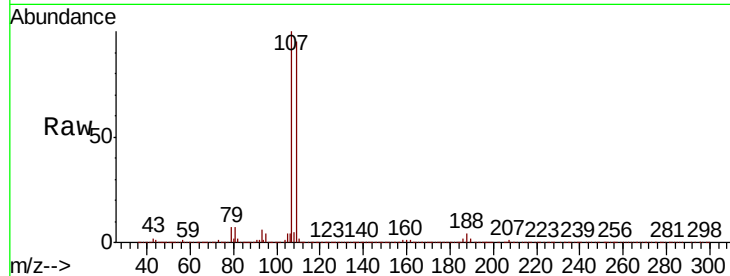




#61
 1,2-Dibromoethane
 Concen: 52.625 ug/l
 RT: 9.65 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: VX015904.D
 Acq: 23 Apr 2020 20:47

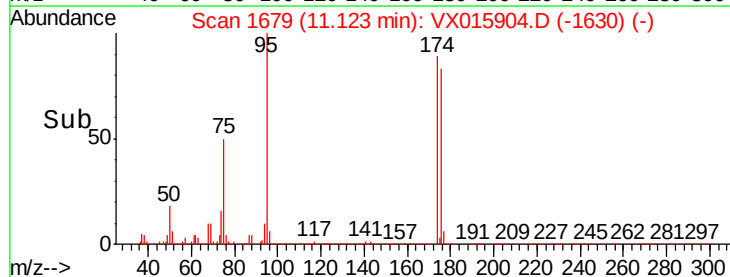
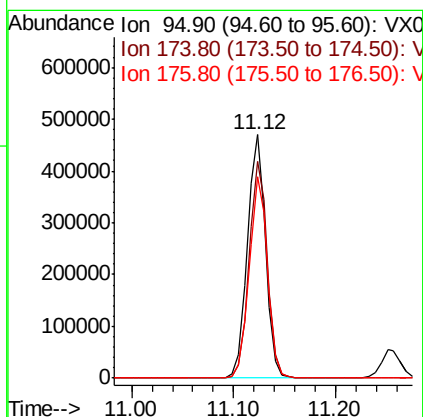
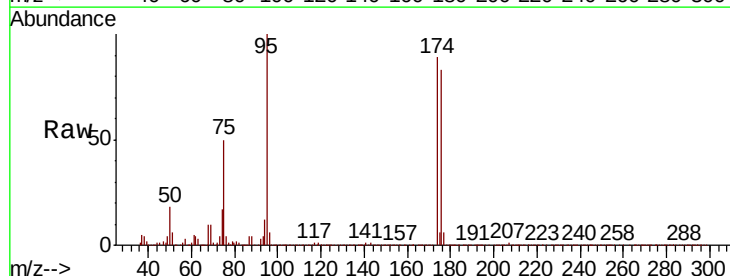
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

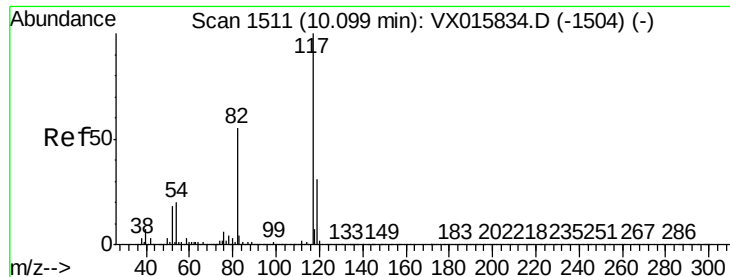
Tot Ion: 107 Resp: 469175
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 50.346 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: VX015904.D
 Acq: 23 Apr 2020 20:47

Tgt Ion: 95 Resp: 579302
 Ion Ratio Lower Upper
 95 100
 174 89.8 0.0 172.4
 176 83.7 0.0 167.0

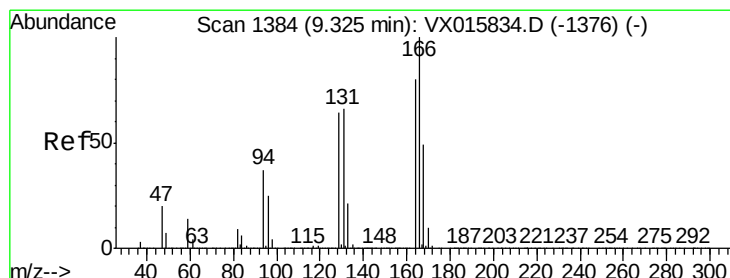
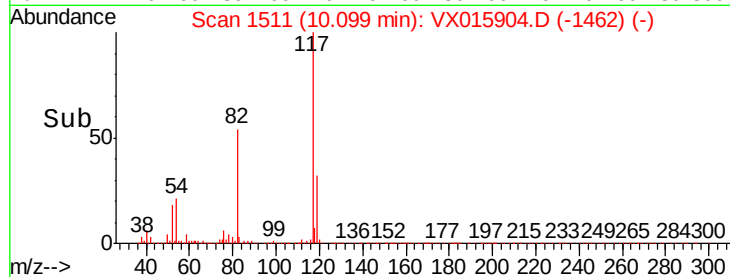
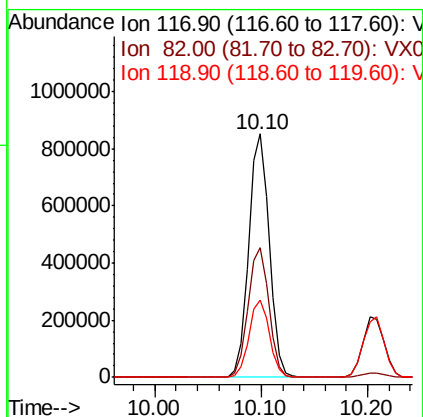
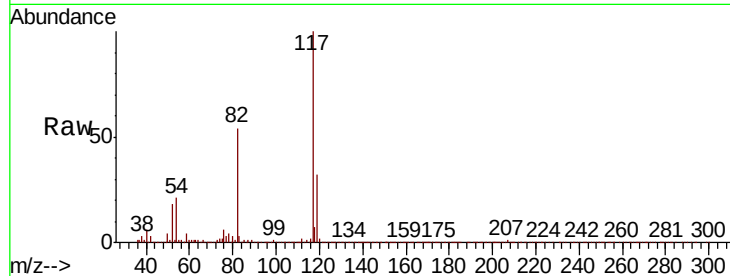




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015904.D
Acq: 23 Apr 2020 20:47

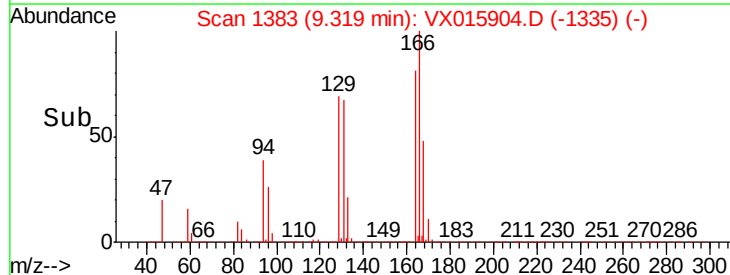
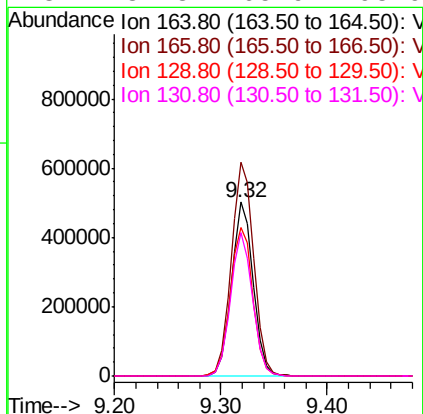
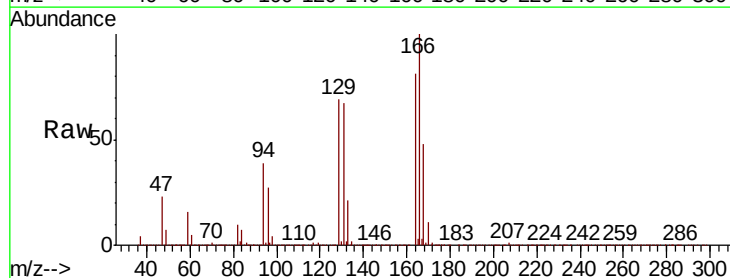
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

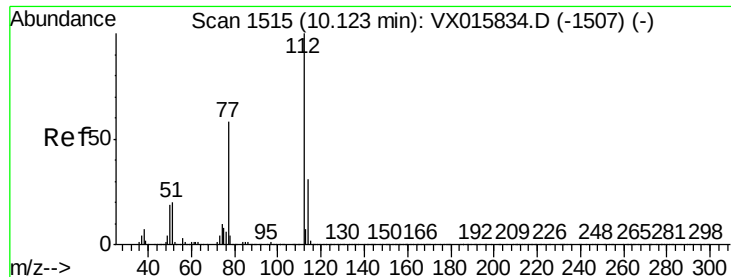
Tot Ion:117 Resp: 1156254
Ion Ratio Lower Upper
117 100
82 53.5 43.9 65.9
119 31.8 25.1 37.7



#64
Tetrachloroethene
Concen: 45.951 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.01 min
Lab File: VX015904.D
Acq: 23 Apr 2020 20:47

Tgt Ion:164 Resp: 716150
Ion Ratio Lower Upper
164 100
166 122.9 100.2 150.2
129 85.2 64.5 96.7
131 82.3 65.9 98.9

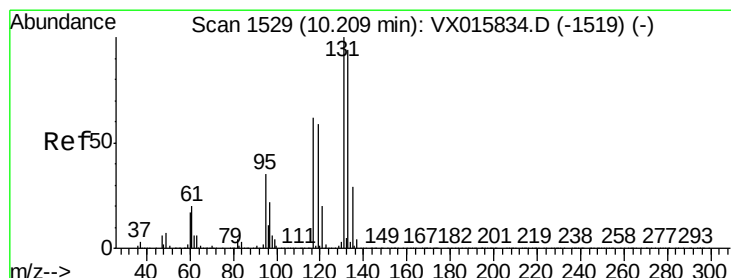
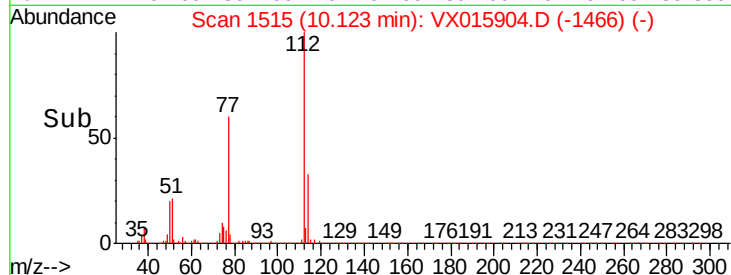
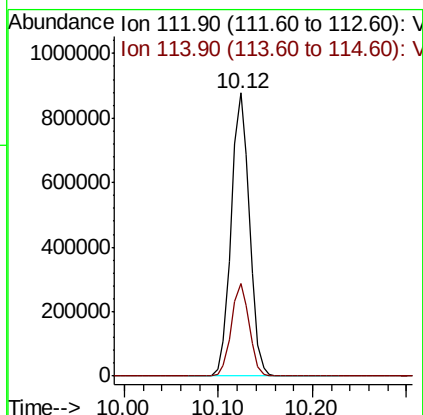
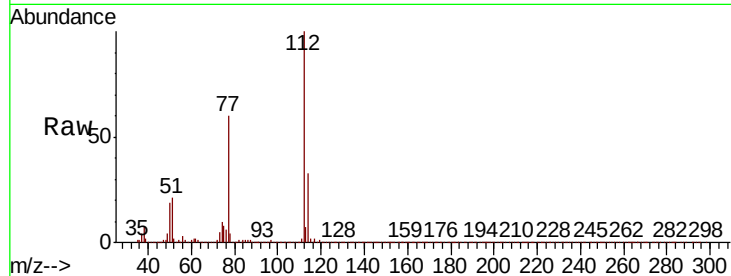




#65
Chlorobenzene
Concen: 51.143 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VX015904.D
Acq: 23 Apr 2020 20:47

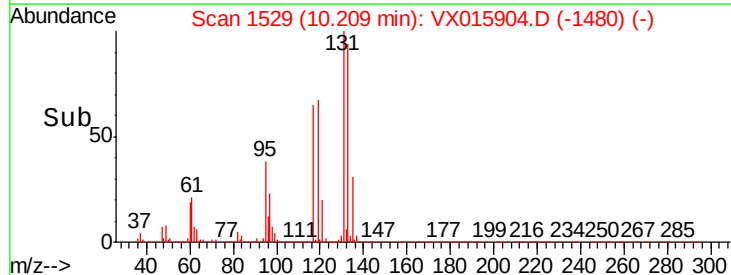
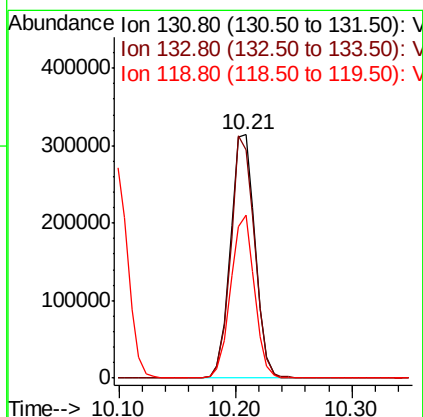
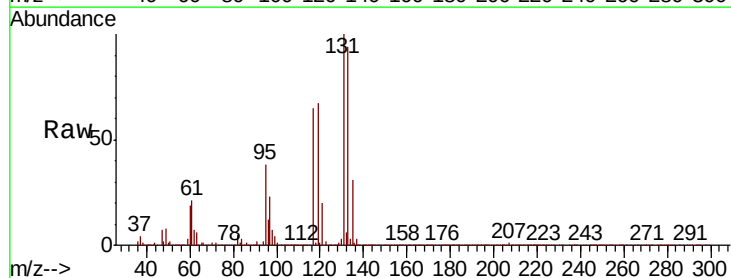
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

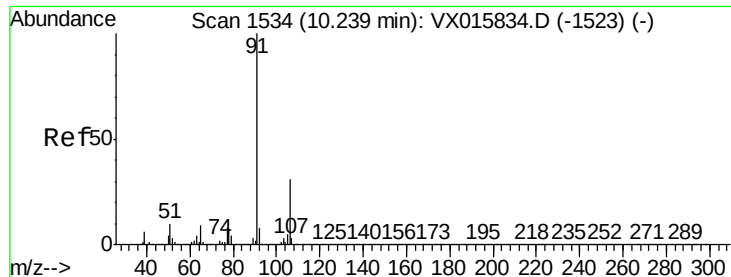
Tot Ion:112 Resp: 1182494
Ion Ratio Lower Upper
112 100
114 32.9 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 53.159 ug/l
RT: 10.21 min Scan# 1529
Delta R.T. 0.00 min
Lab File: VX015904.D
Acq: 23 Apr 2020 20:47

Tgt Ion:131 Resp: 459435
Ion Ratio Lower Upper
131 100
133 95.8 47.0 141.2
119 64.5 30.9 92.8

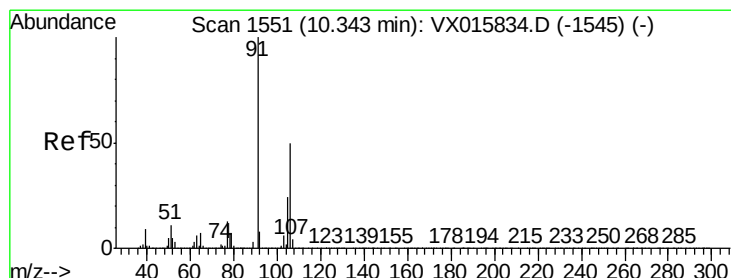
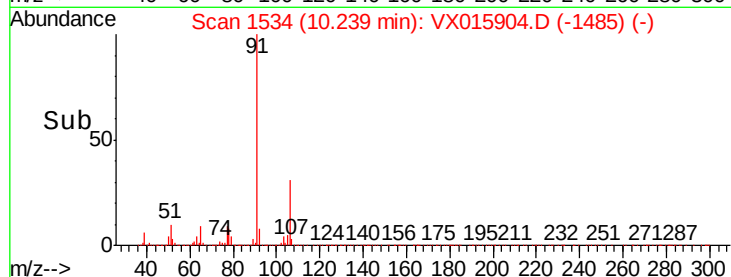
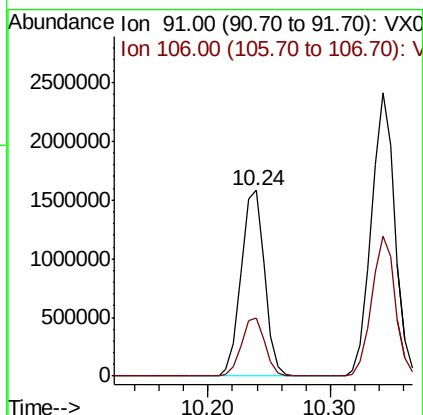
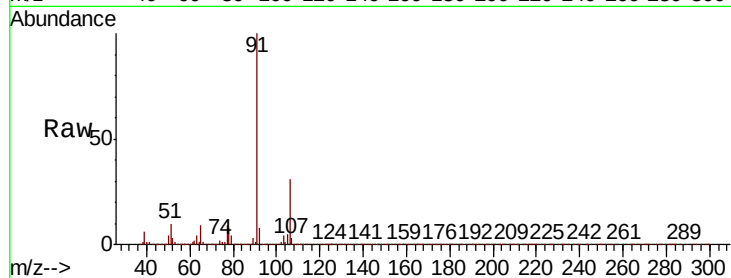




#67
Ethyl Benzene
Concen: 51.647 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VX015904.D
Acq: 23 Apr 2020 20:47

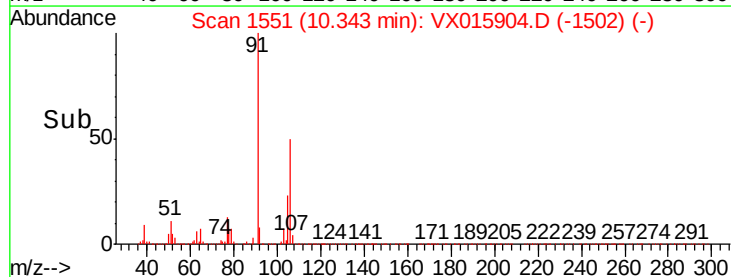
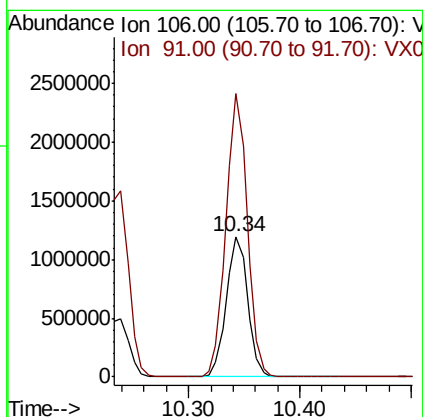
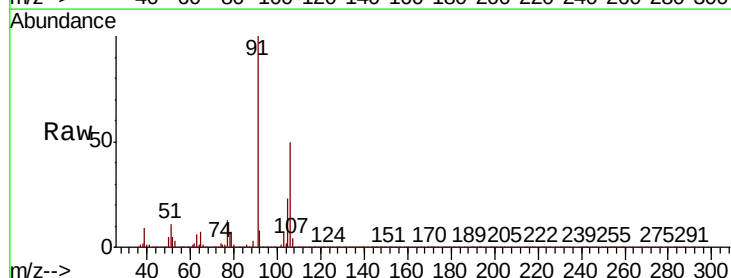
Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050

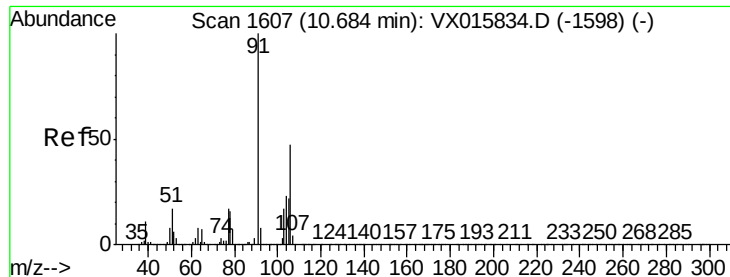
Tot Ion: 91 Resp: 2097038
Ion Ratio Lower Upper
91 100
106 31.1 25.0 37.4



#68
m/p-Xylenes
Concen: 104.349 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015904.D
Acq: 23 Apr 2020 20:47

Tgt Ion: 106 Resp: 1590316
Ion Ratio Lower Upper
106 100
91 201.9 161.1 241.7

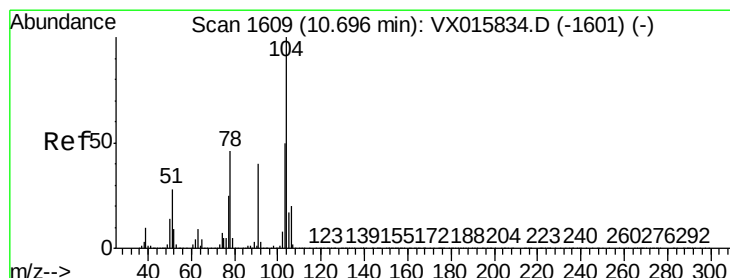
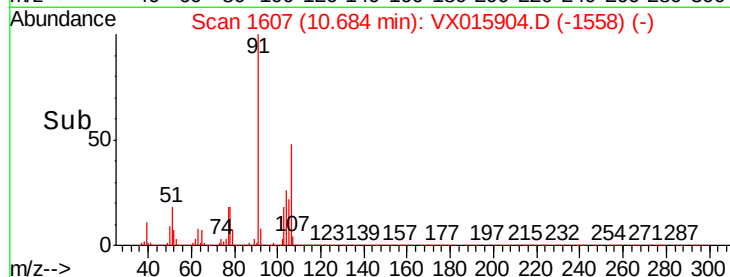
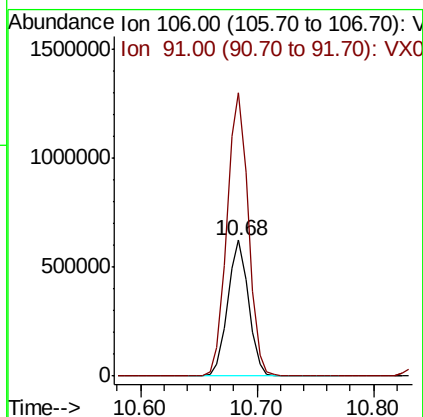
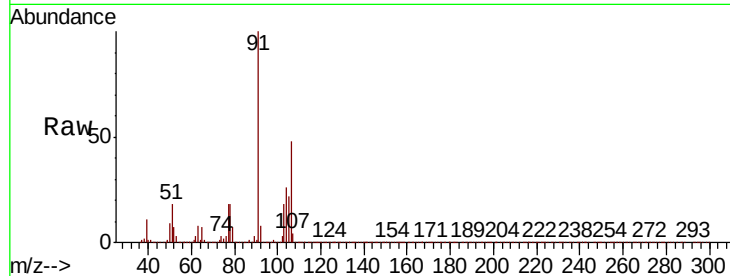




#69
o-Xylene
Concen: 51.733 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015904.D
Acq: 23 Apr 2020 20:47

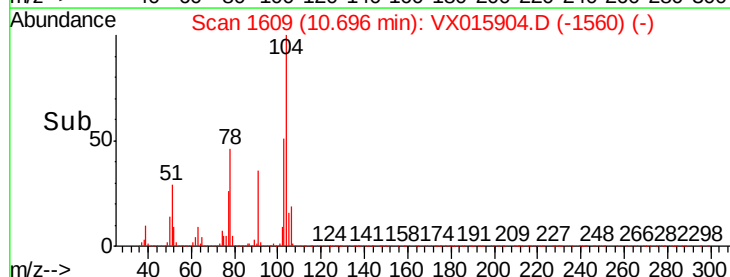
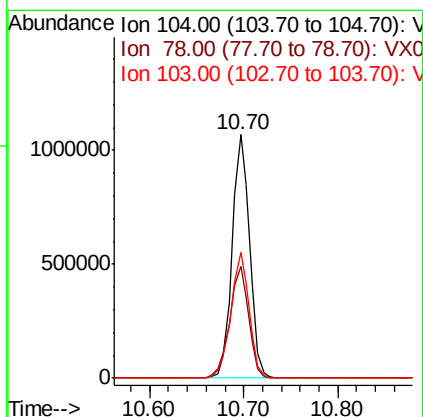
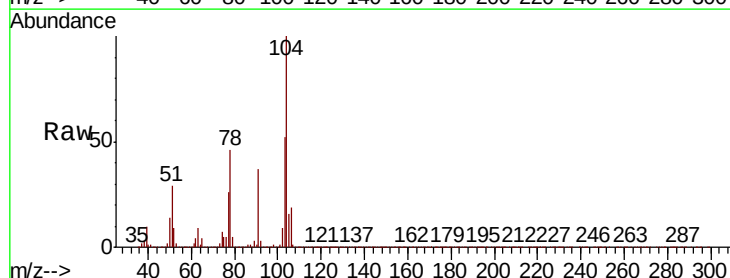
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

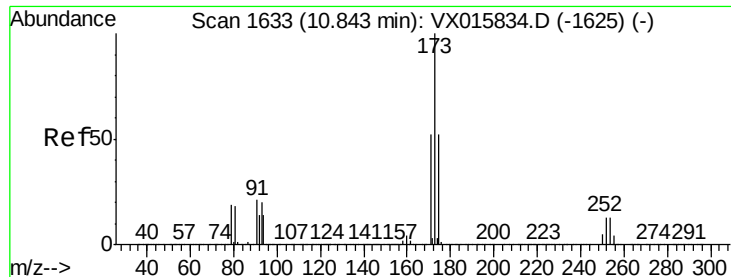
Tot Ion:106 Resp: 775857
Ion Ratio Lower Upper
106 100
91 212.5 107.1 321.3



#70
Styrene
Concen: 52.655 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015904.D
Acq: 23 Apr 2020 20:47

Tgt Ion:104 Resp: 1367358
Ion Ratio Lower Upper
104 100
78 49.6 40.1 60.1
103 54.3 43.3 64.9





#71

Bromoform

Concen: 66.932 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

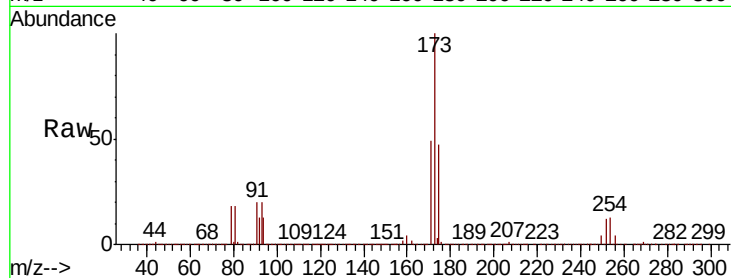
Tot Ion:173 Resp: 376953

Ion Ratio Lower Upper

173 100

175 48.1 25.1 75.4

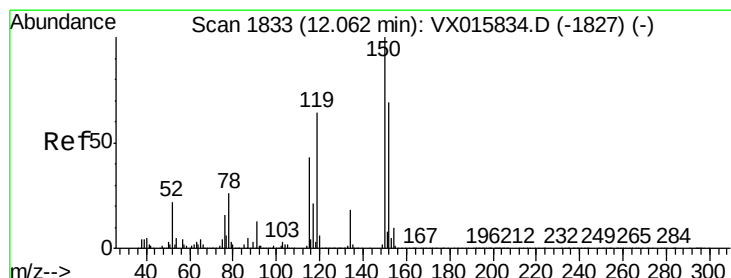
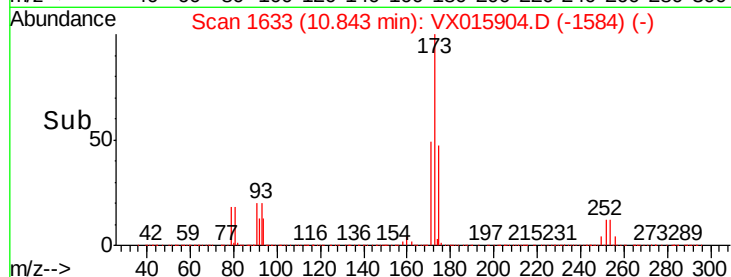
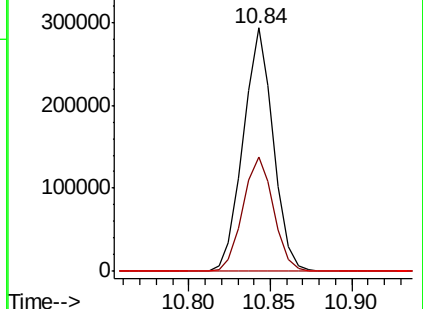
254 0.3 0.3 0.5



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: VX015904.D

Acq: 23 Apr 2020 20:47

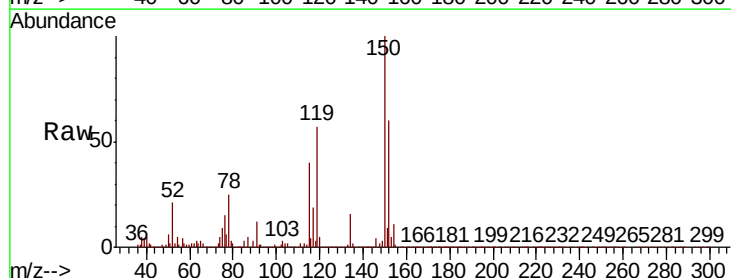
Tgt Ion:152 Resp: 588855

Ion Ratio Lower Upper

152 100

115 81.6 39.0 116.9

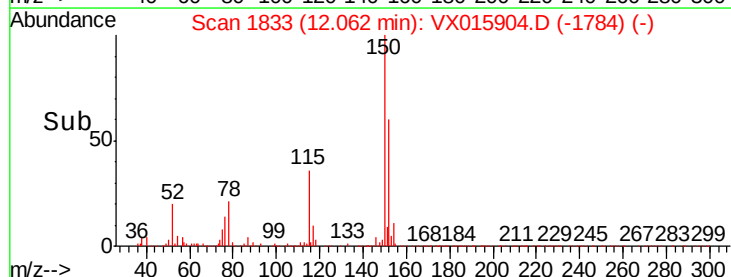
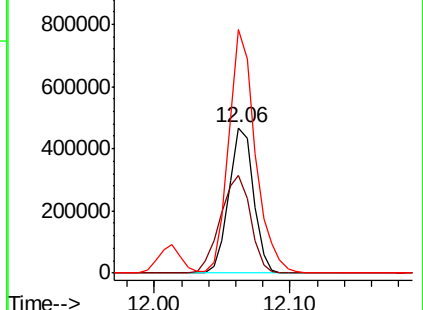
150 180.3 0.0 336.8

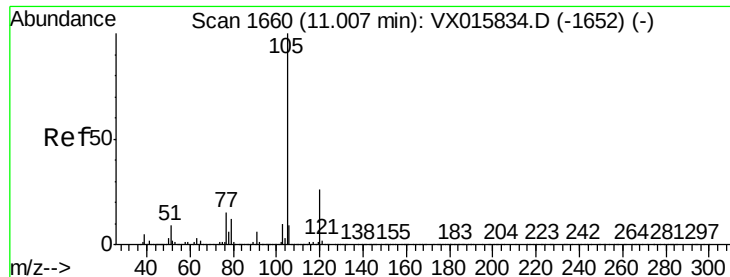


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 55.795 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

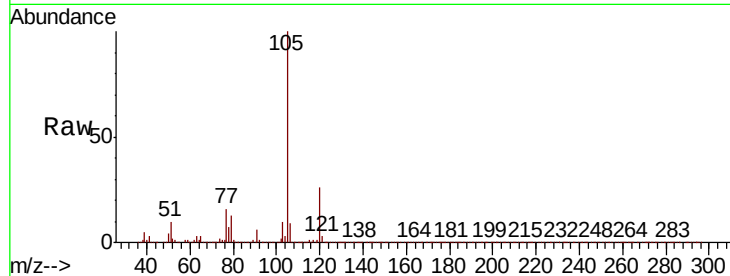
VSTDCCC050

Tot Ion:105 Resp: 2086633

Ion Ratio Lower Upper

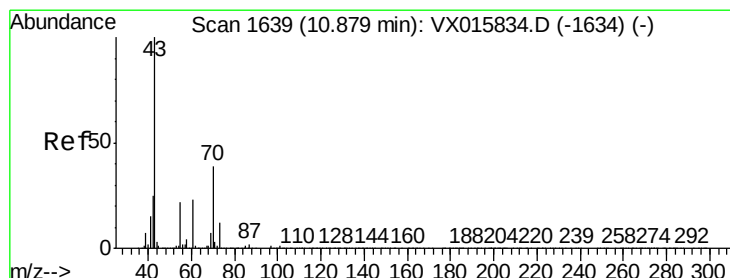
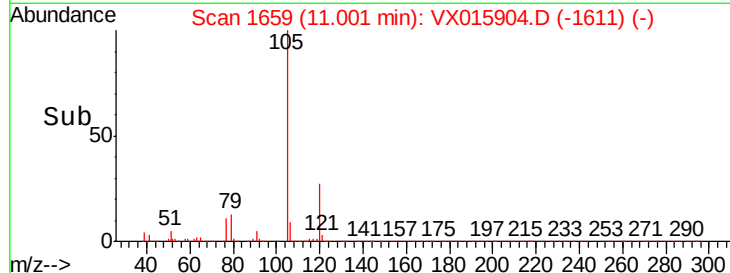
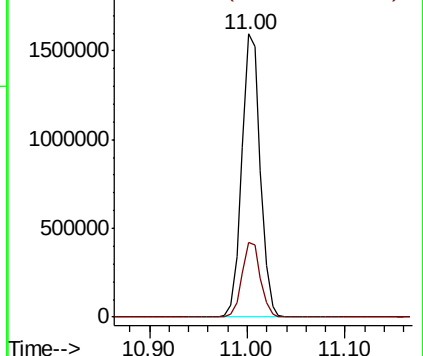
105 100

120 26.3 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.809 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. 0.00 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

Tgt Ion: 43 Resp: 1038884

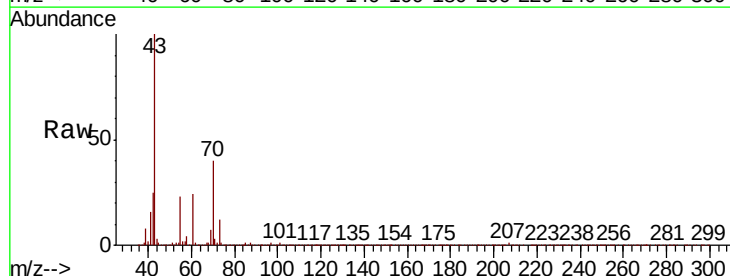
Ion Ratio Lower Upper

43 100

70 40.4 32.6 49.0

55 22.3 18.3 27.5

61 23.6 18.7 28.1

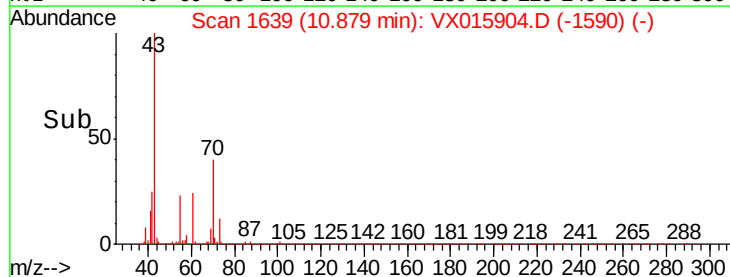
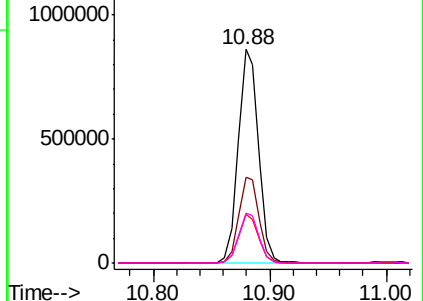


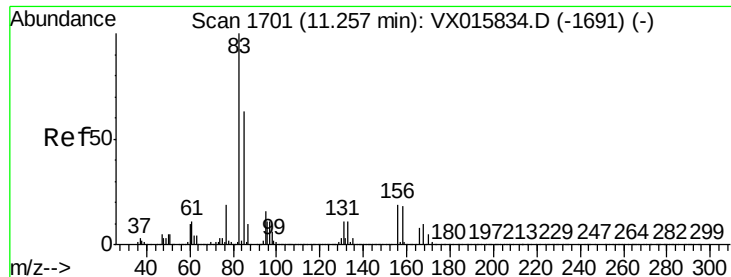
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 59.178 ug/l

RT: 11.26 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

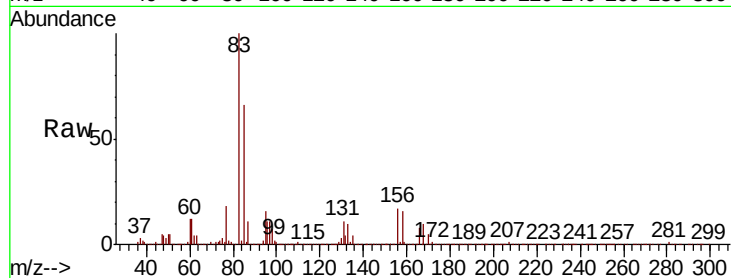
Tot Ion: 83 Resp: 468377

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.4

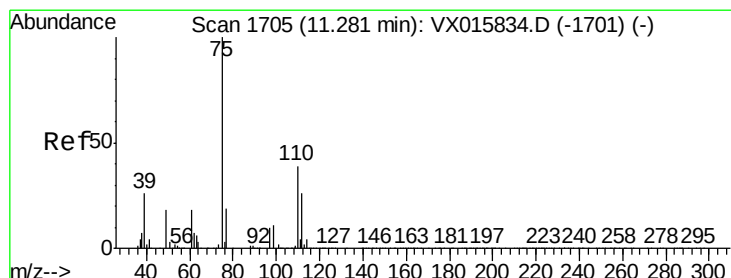
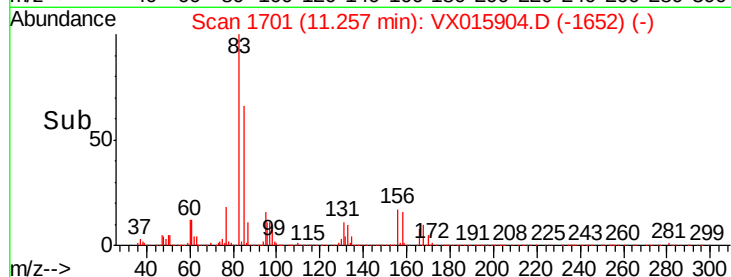
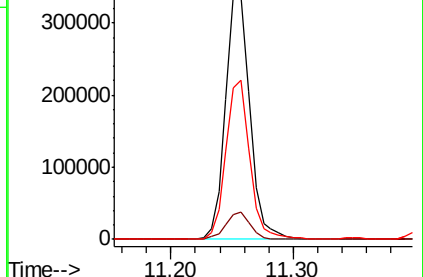
85 63.6 32.4 97.0



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: 72.190 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015904.D

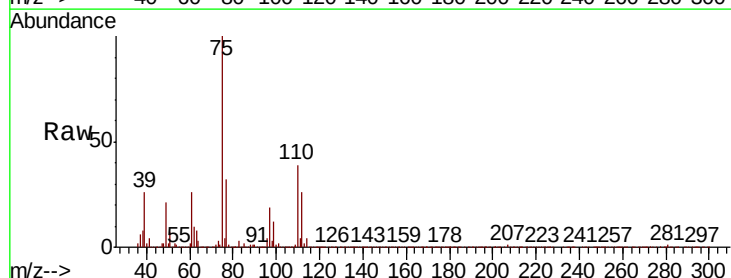
Acq: 23 Apr 2020 20:47

Tgt Ion: 75 Resp: 808345

Ion Ratio Lower Upper

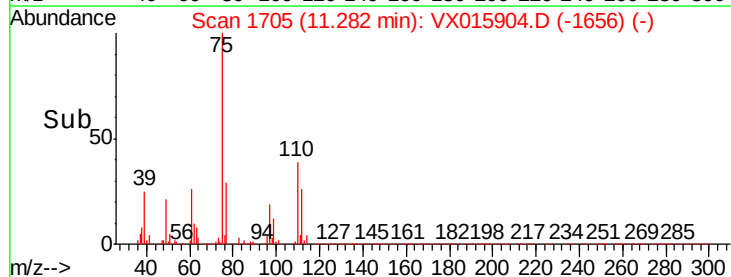
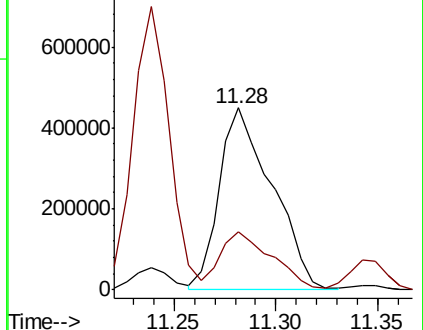
75 100

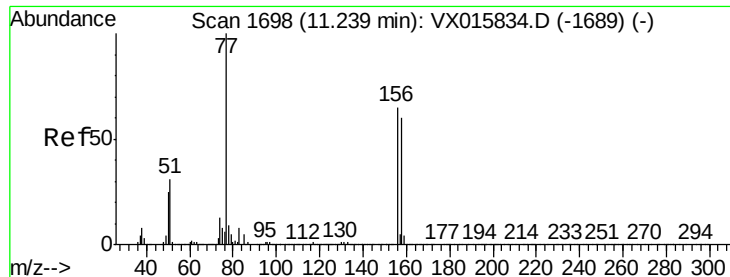
77 31.2 21.3 63.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 55.791 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

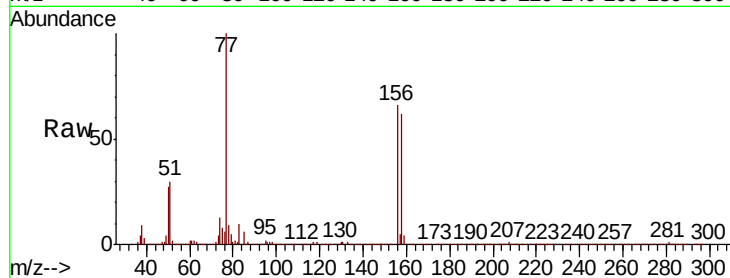
Tot Ion:156 Resp: 570100

Ion Ratio Lower Upper

156 100

77 151.7 75.2 225.6

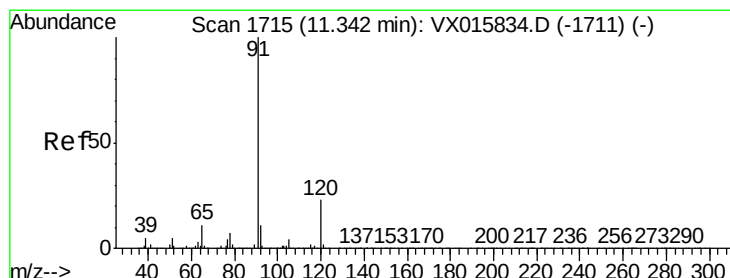
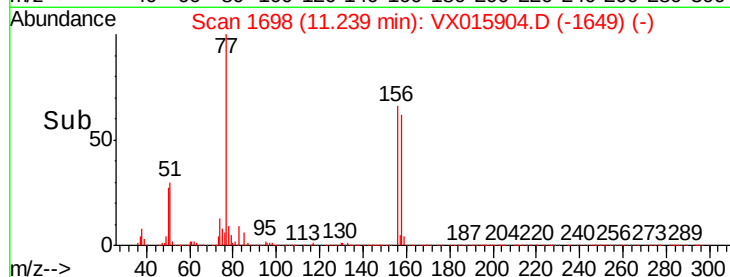
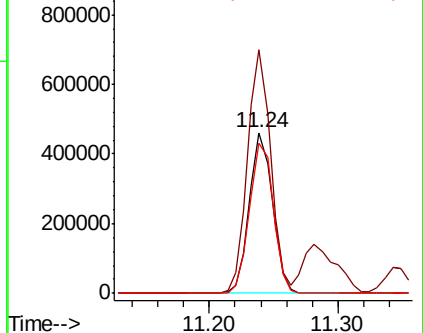
158 96.5 47.9 143.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 55.741 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. 0.00 min

Lab File: VX015904.D

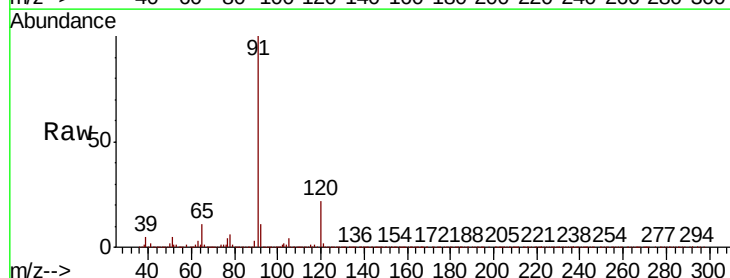
Acq: 23 Apr 2020 20:47

Tgt Ion: 91 Resp: 2388020

Ion Ratio Lower Upper

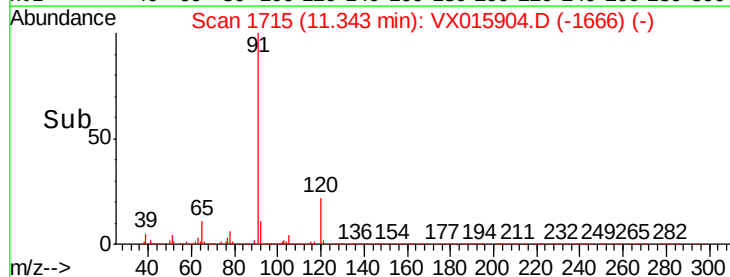
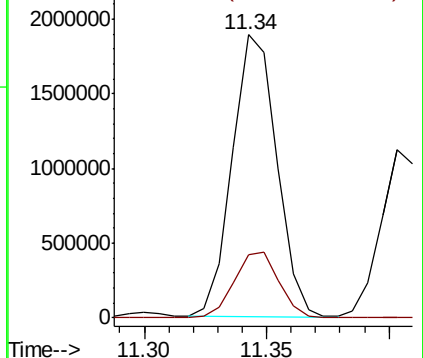
91 100

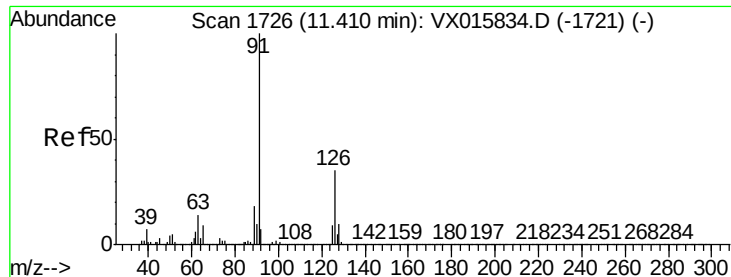
120 23.4 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 55.133 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

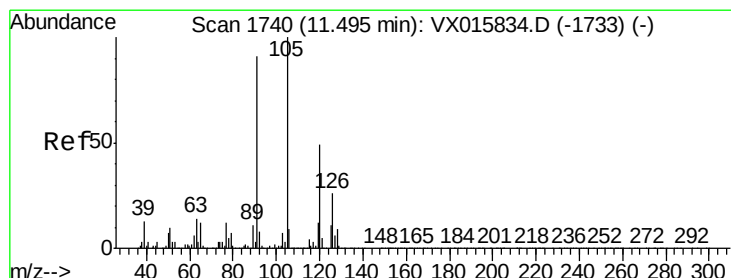
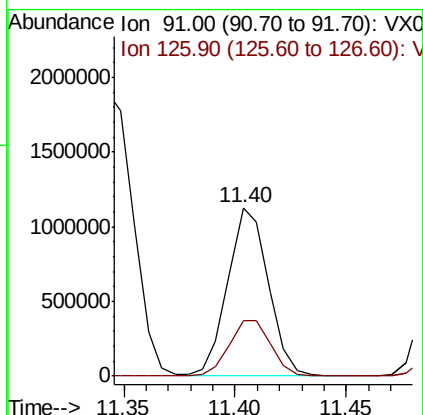
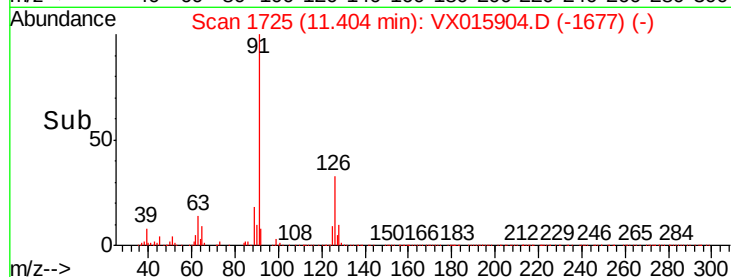
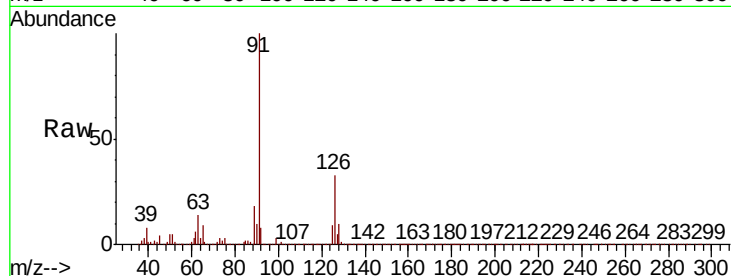
VSTDCCC050

Tot Ion: 91 Resp: 1418801

Ion Ratio Lower Upper

91 100

126 34.6 17.2 51.5



#80

1,3,5-Trimethylbenzene

Concen: 55.036 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015904.D

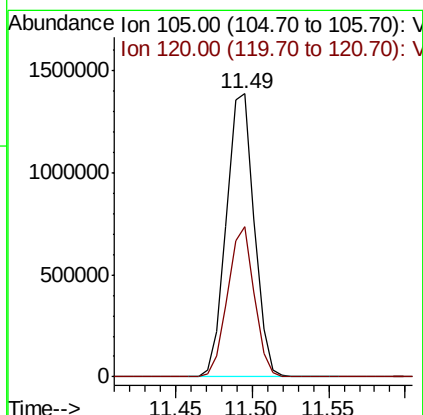
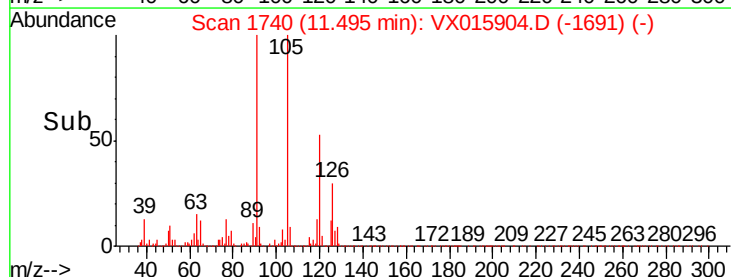
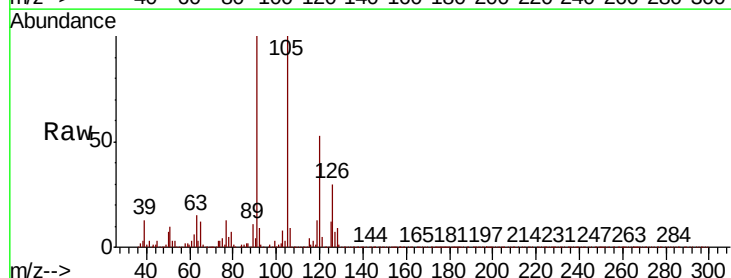
Acq: 23 Apr 2020 20:47

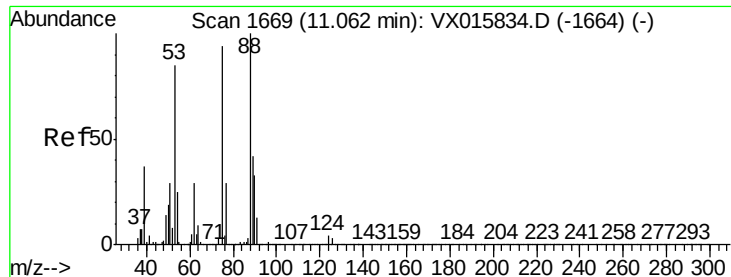
Tgt Ion: 105 Resp: 1755036

Ion Ratio Lower Upper

105 100

120 50.6 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 50.674 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. 0.00 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

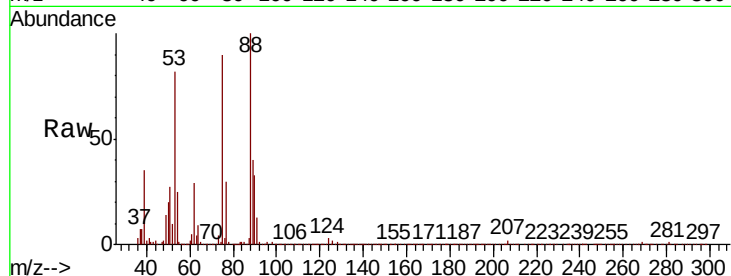
Tot Ion: 75 Resp: 235885

Ion Ratio Lower Upper

75 100

53 95.2 74.2 111.2

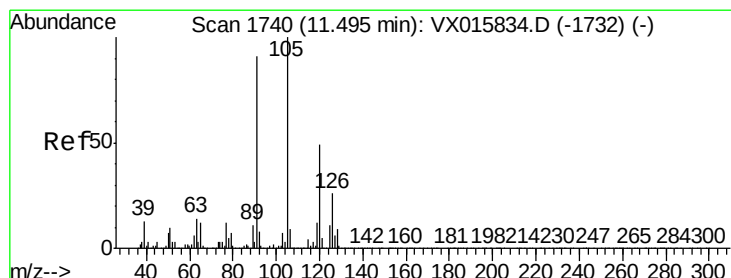
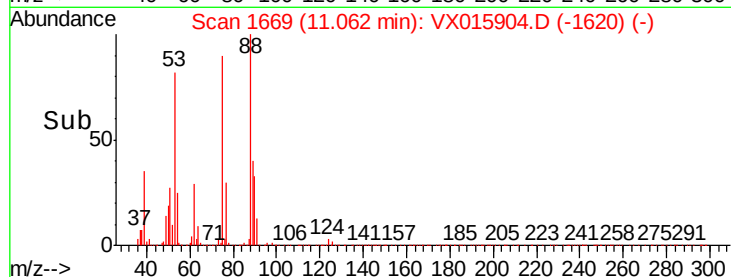
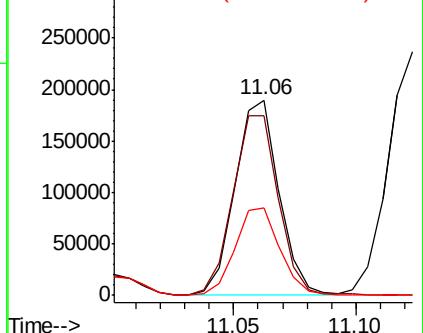
89 46.3 38.0 57.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 54.901 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015904.D

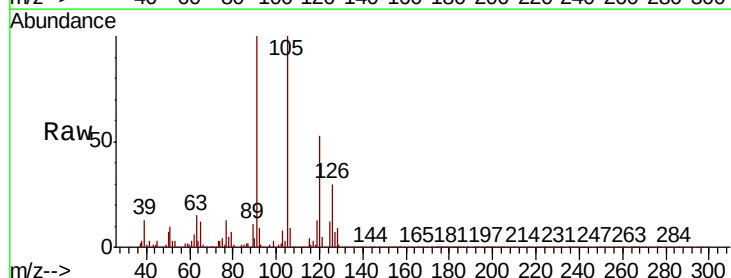
Acq: 23 Apr 2020 20:47

Tgt Ion: 91 Resp: 1678867

Ion Ratio Lower Upper

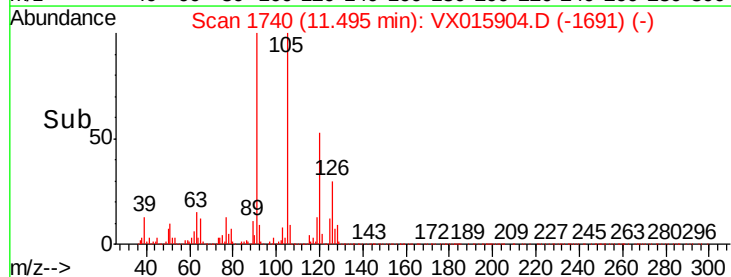
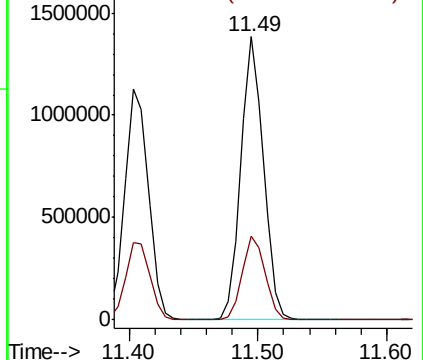
91 100

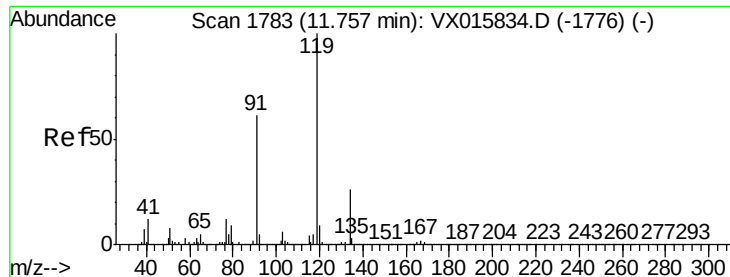
126 29.9 15.0 45.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

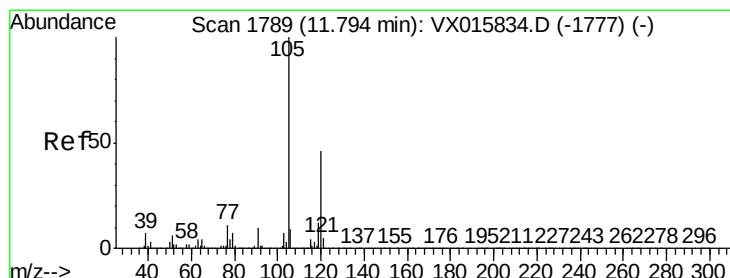
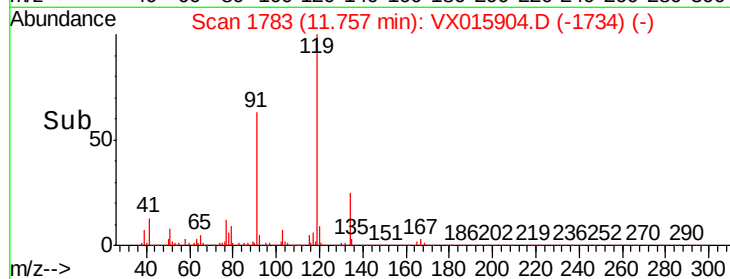
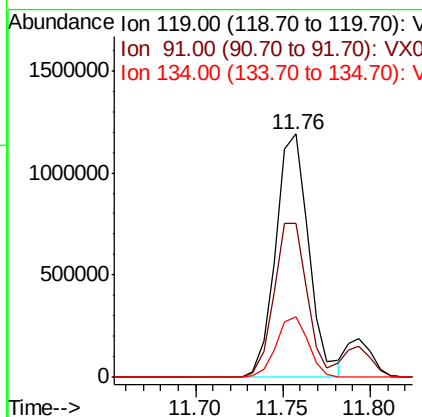
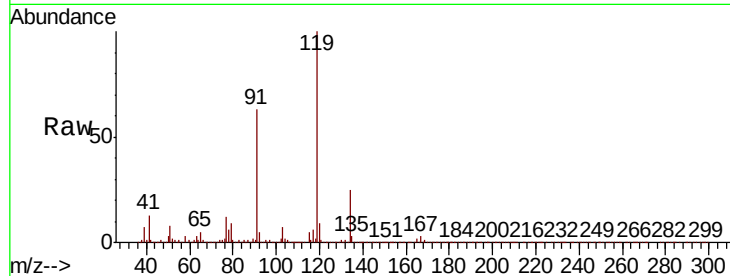




#83
tert-Butylbenzene
Concen: 55.414 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX015904.D
Acq: 23 Apr 2020 20:47

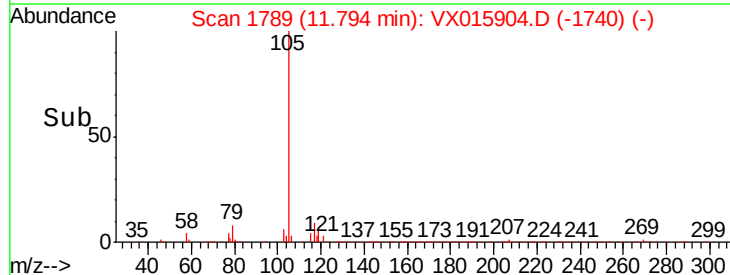
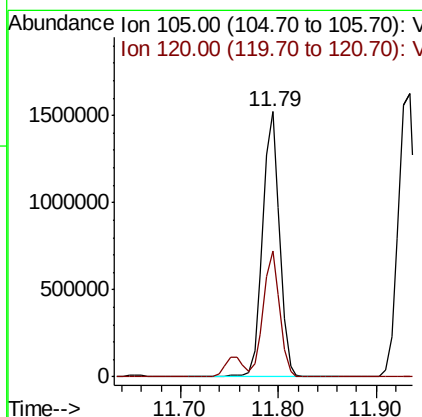
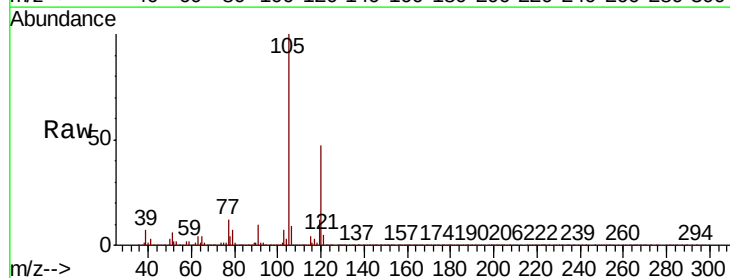
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

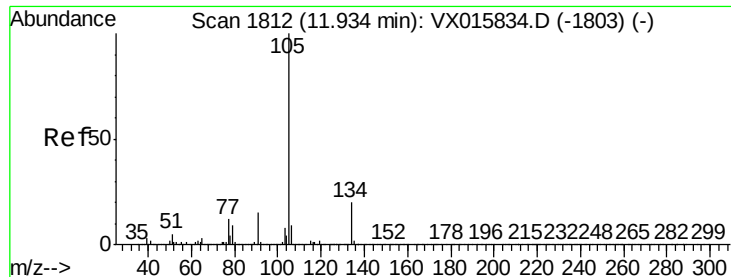
Tot Ion:119 Resp: 1567462
Ion Ratio Lower Upper
119 100
91 63.1 30.9 92.7
134 24.3 12.4 37.2



#84
1,2,4-Trimethylbenzene
Concen: 54.976 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX015904.D
Acq: 23 Apr 2020 20:47

Tgt Ion:105 Resp: 1820064
Ion Ratio Lower Upper
105 100
120 46.1 22.9 68.7





#85

sec-Butylbenzene

Concen: 54.624 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

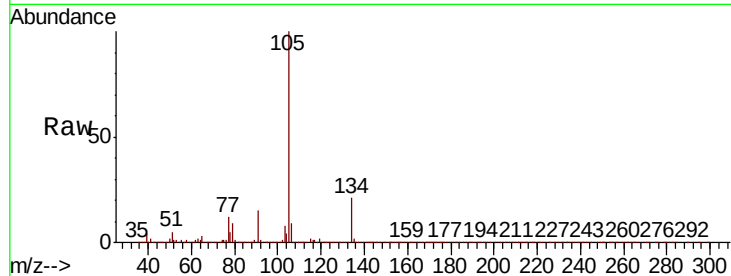
VSTDCCC050

Tot Ion:105 Resp: 2036831

Ion Ratio Lower Upper

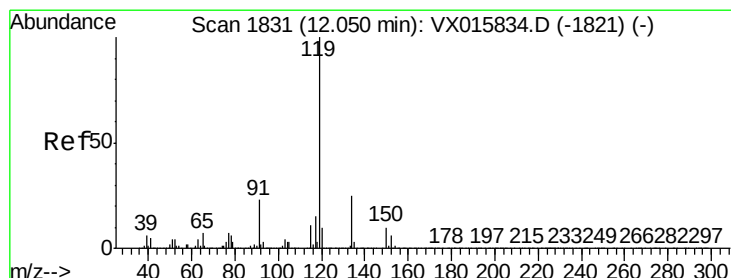
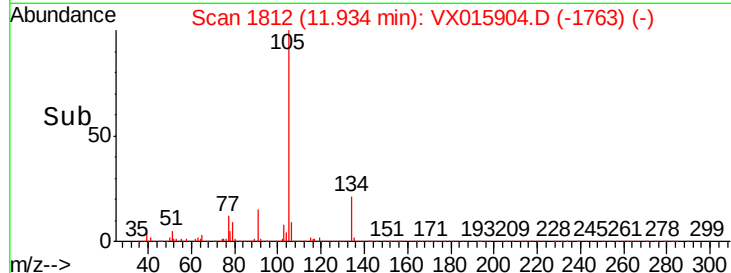
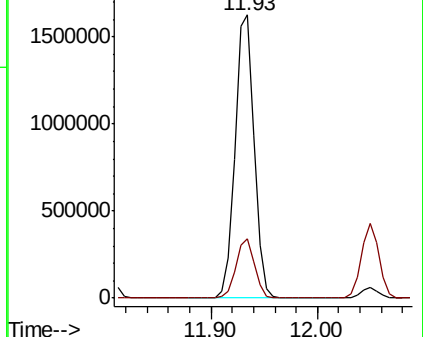
105 100

134 20.5 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.470 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

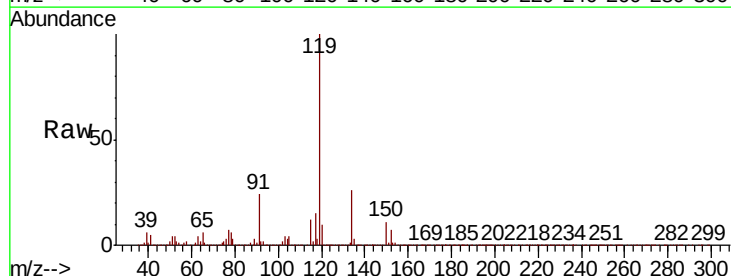
Tgt Ion:119 Resp: 1934070

Ion Ratio Lower Upper

119 100

134 26.0 13.0 38.9

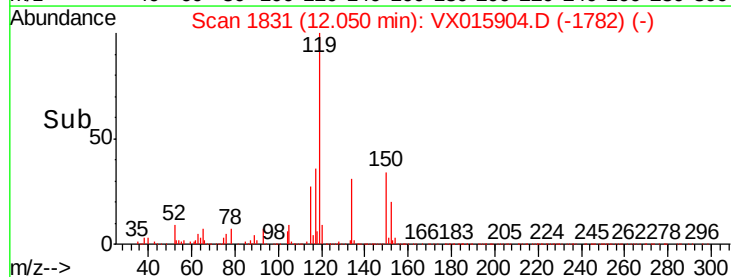
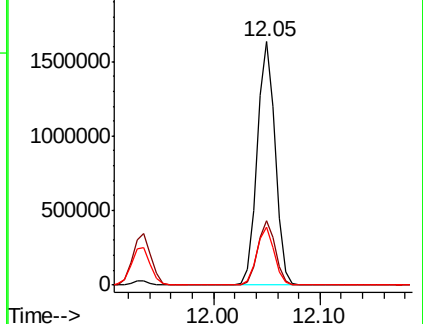
91 23.2 11.5 34.5

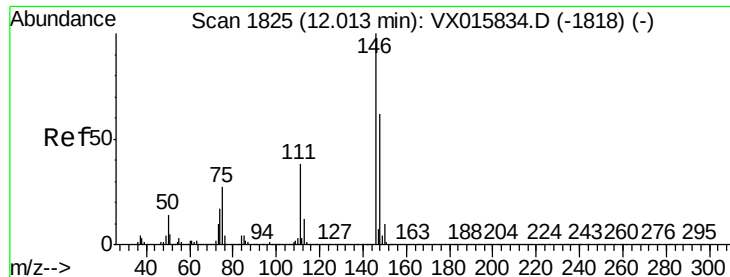


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

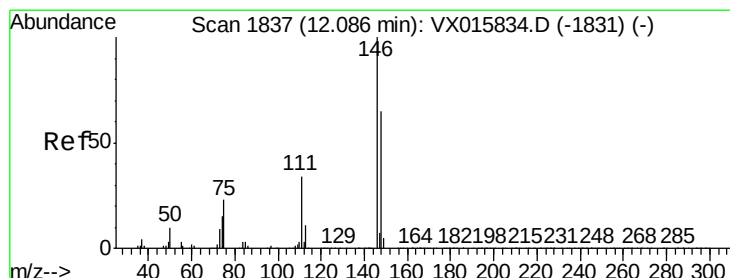
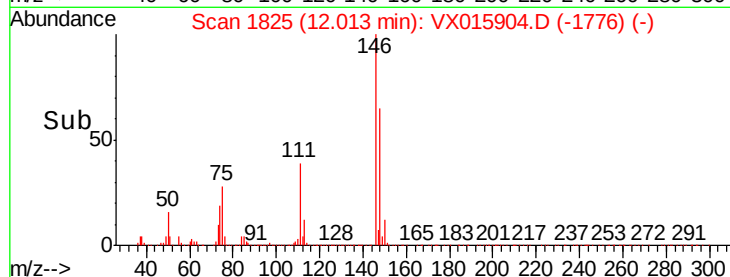
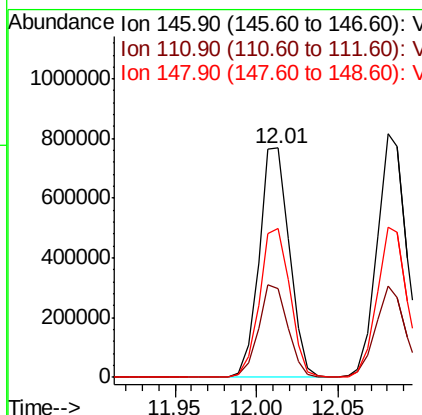
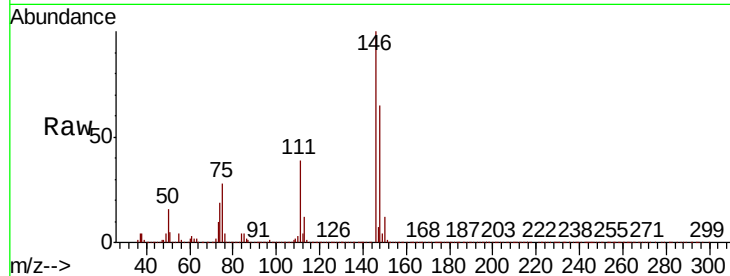




#87
 1,3-Dichlorobenzene
 Concen: 52.885 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015904.D
 Acq: 23 Apr 2020 20:47

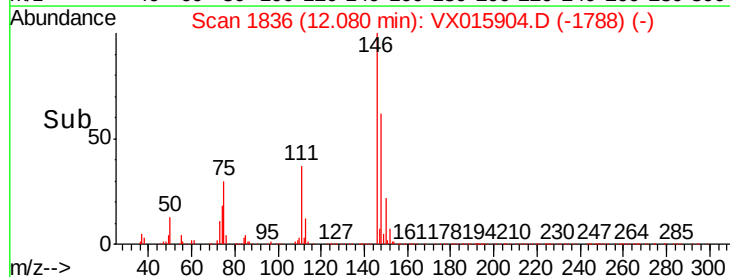
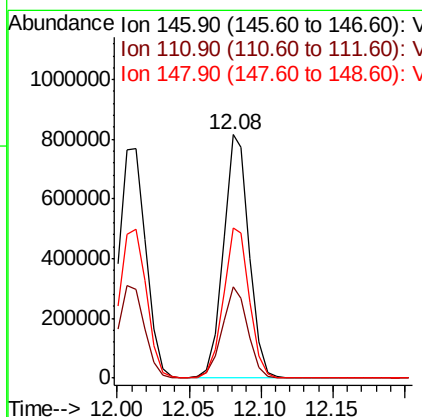
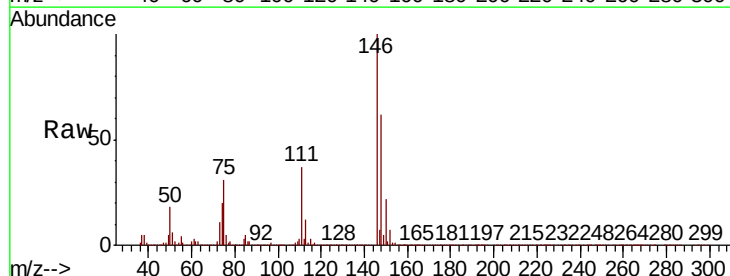
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

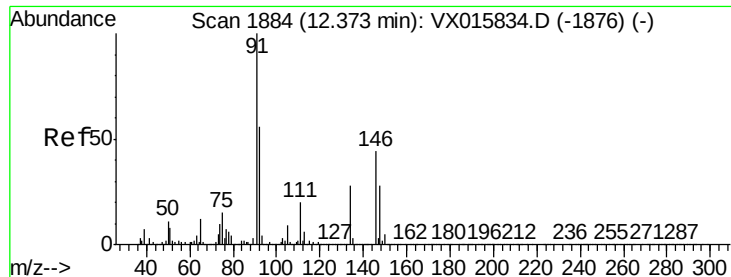
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.1	57.1
148	65.1	30.9	92.7



#88
 1,4-Dichlorobenzene
 Concen: 54.286 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015904.D
 Acq: 23 Apr 2020 20:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	19.4	58.2
148	62.8	33.8	101.4

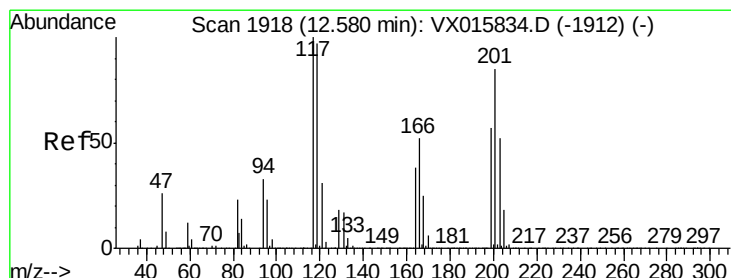
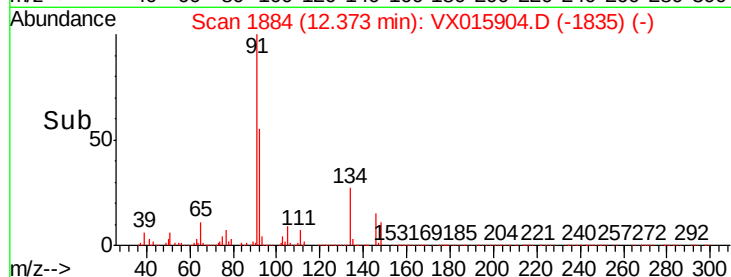
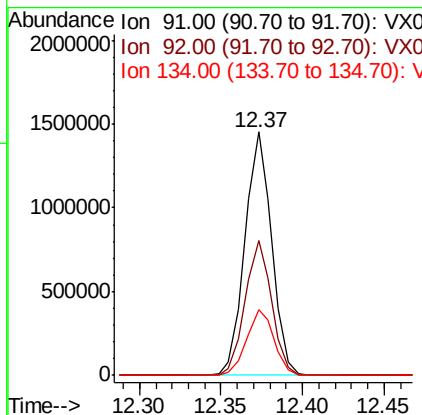
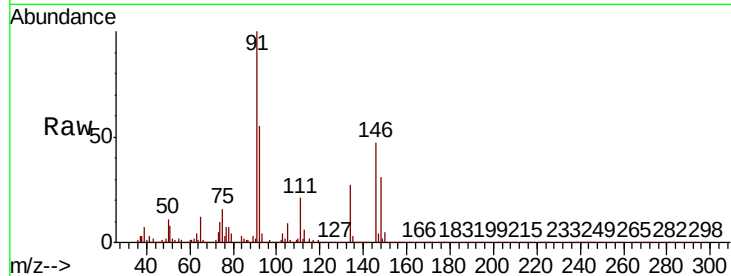




#89
n-Butylbenzene
Concen: 53.264 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015904.D
Acq: 23 Apr 2020 20:47

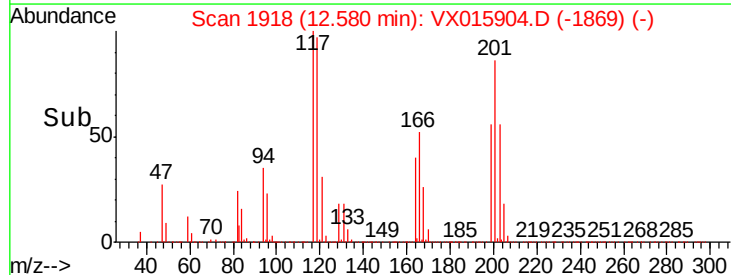
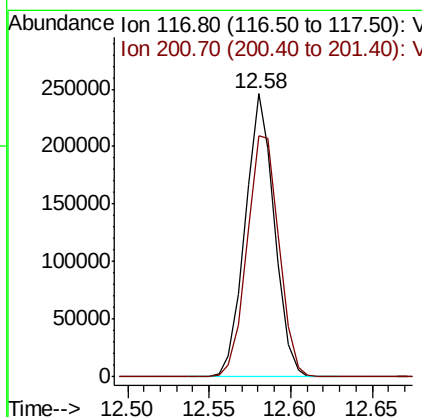
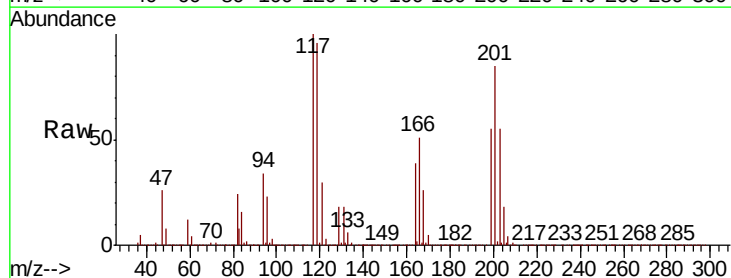
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

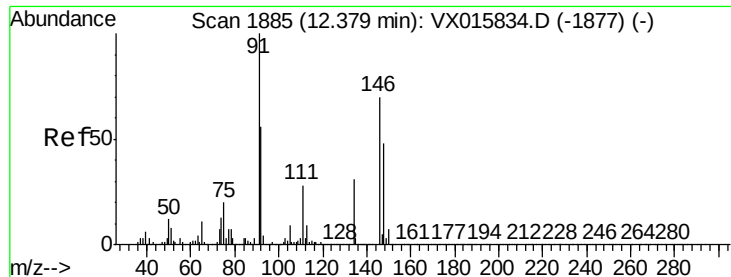
Tot Ion: 91 Resp: 1660454
Ion Ratio Lower Upper
91 100
92 55.1 27.7 83.1
134 27.5 14.1 42.4



#90
Hexachloroethane
Concen: 82.987 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015904.D
Acq: 23 Apr 2020 20:47

Tgt Ion: 117 Resp: 305673
Ion Ratio Lower Upper
117 100
201 93.1 45.6 136.9

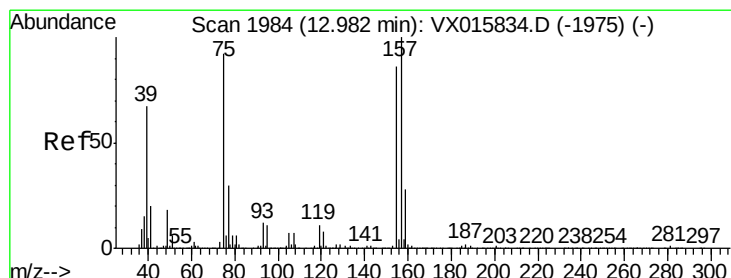
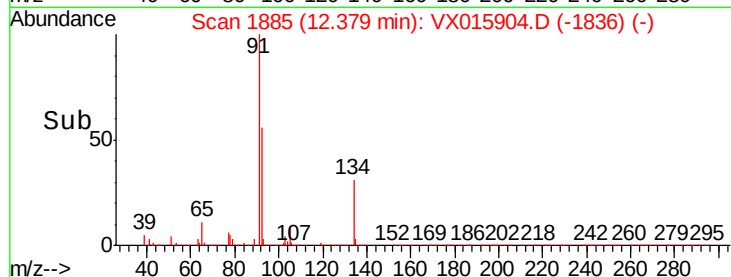
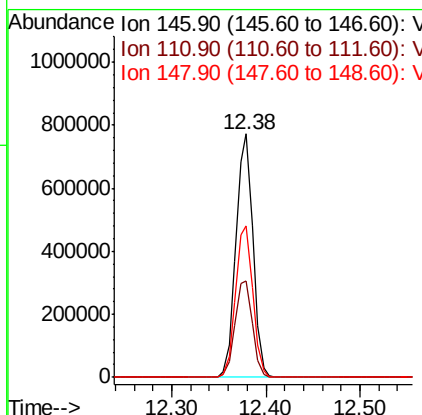
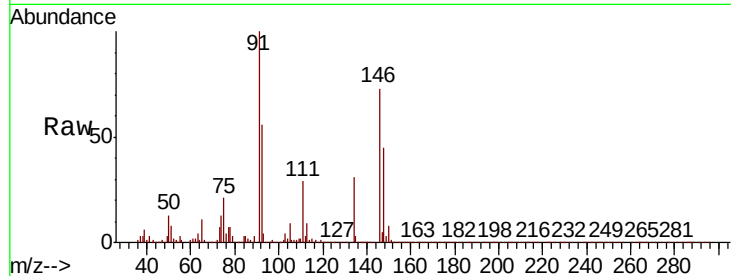




#91
 1,2-Dichlorobenzene
 Concen: 54.210 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: VX015904.D
 Acq: 23 Apr 2020 20:47

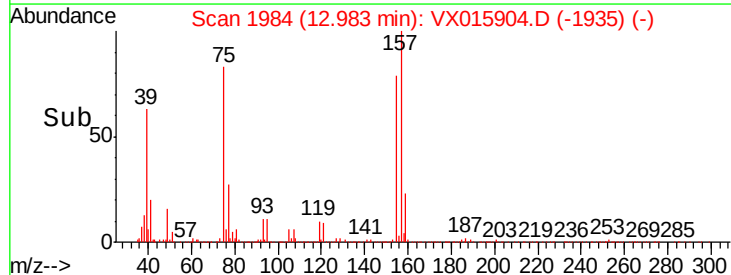
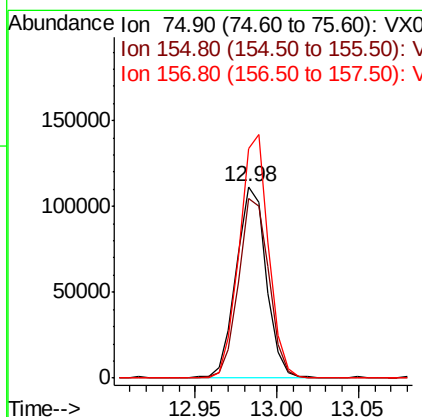
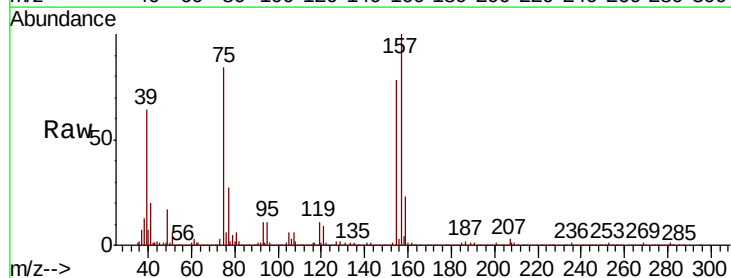
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

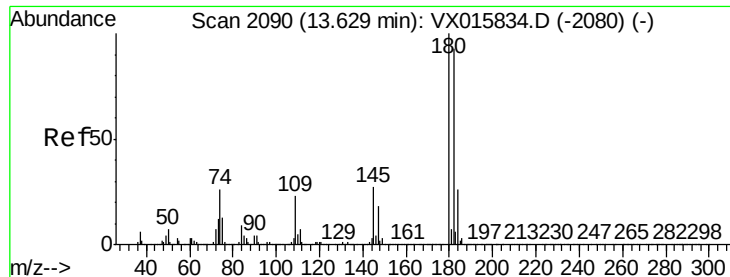
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.3	61.0
148	63.2	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 60.209 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VX015904.D
 Acq: 23 Apr 2020 20:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.1	48.1	144.4
157	125.6	58.9	176.7

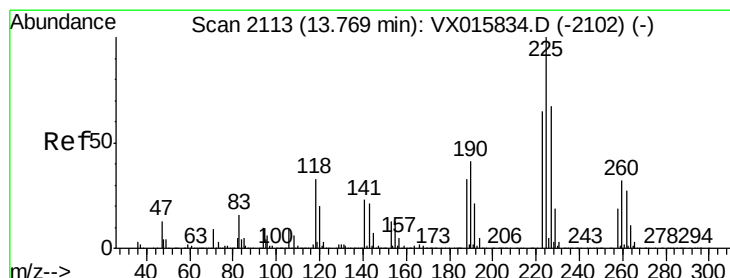
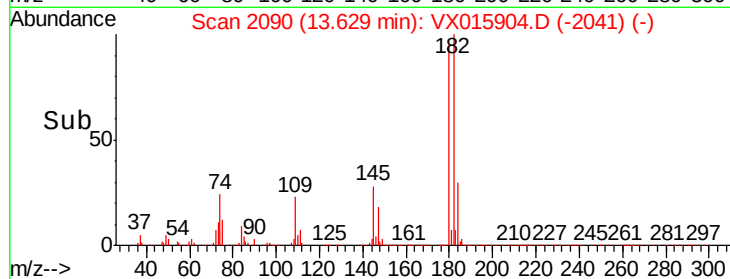
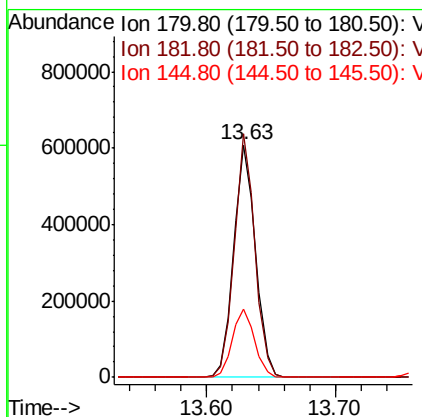
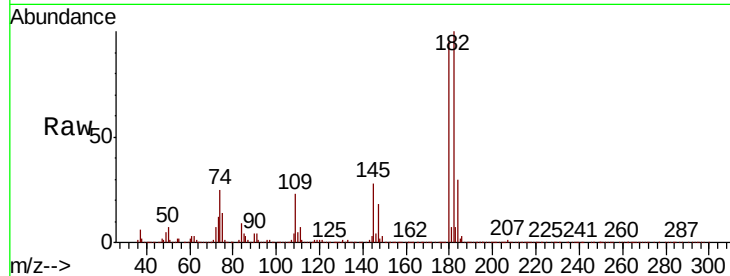




#93
 1,2,4-Trichlorobenzene
 Concen: 51.467 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015904.D
 Acq: 23 Apr 2020 20:47

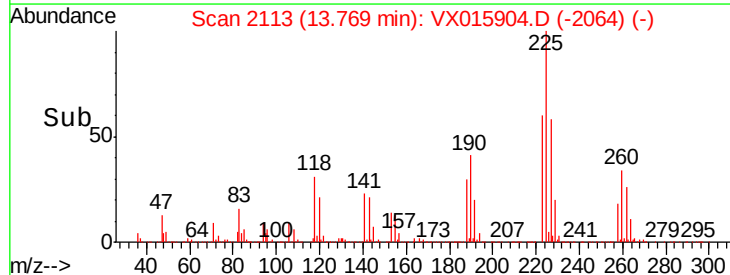
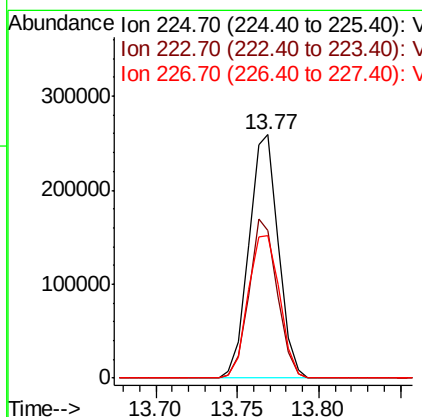
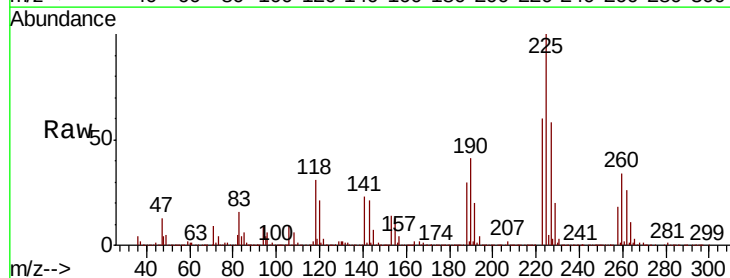
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

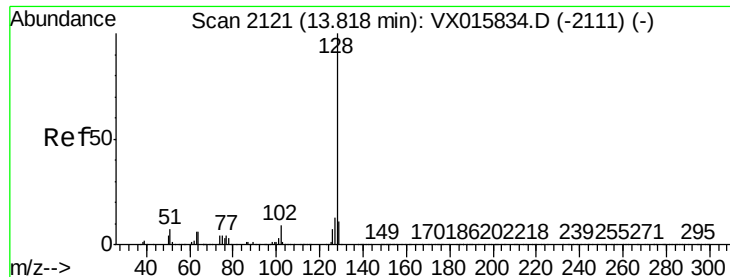
Tot Ion	Ratio	Lower	Upper
180	100		
182	98.9	47.7	143.1
145	29.8	14.5	43.5



#94
 Hexachlorobutadiene
 Concen: 51.833 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015904.D
 Acq: 23 Apr 2020 20:47

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.3	93.8
227	62.7	32.6	97.8

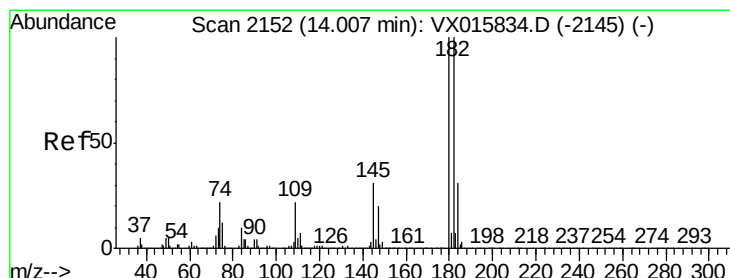
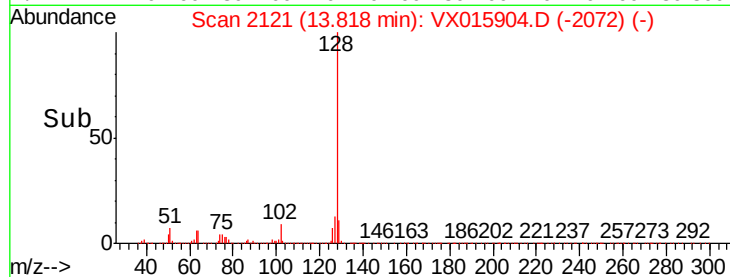
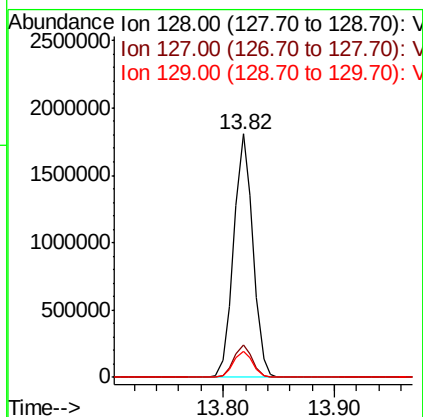
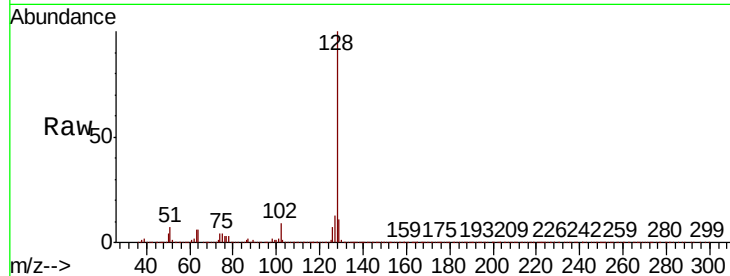




#95
Naphthalene
Concen: 53.302 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015904.D
Acq: 23 Apr 2020 20:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 2149611
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 11.0 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 52.347 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.00 min
Lab File: VX015904.D
Acq: 23 Apr 2020 20:47

Tgt Ion:180 Resp: 715886
Ion Ratio Lower Upper
180 100
182 93.8 47.9 143.7
145 30.4 15.2 45.5

