

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041320\
 Data File : VX015651.D
 Acq On : 13 Apr 2020 18:42
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 14 01:22:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1125451	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1728229	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1606858	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	873750	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	710966	44.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.58%	
35) Dibromofluoromethane	5.47	113	528265	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	
50) Toluene-d8	8.70	98	1934409	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	
62) 4-Bromofluorobenzene	11.12	95	788819	47.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	437166	44.089	ug/l	100
3) Chloromethane	1.31	50	536963	42.524	ug/l	99
4) Vinyl Chloride	1.39	62	547698	47.237	ug/l	98
5) Bromomethane	1.62	94	332835	64.643	ug/l	98
6) Chloroethane	1.71	64	351209	48.840	ug/l	97
7) Trichlorofluoromethane	1.92	101	740807	47.642	ug/l	98
8) Diethyl Ether	2.17	74	319569	48.726	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	473186	46.681	ug/l	97
10) Methyl Iodide	2.49	142	558433	40.861	ug/l	98
11) Tert butyl alcohol	3.01	59	695820	183.142	ug/l	99
12) 1,1-Dichloroethene	2.36	96	484644	45.612	ug/l	97
13) Acrolein	2.27	56	238677	110.280	ug/l	99
14) Allyl chloride	2.71	41	1072609	43.203	ug/l	98
15) Acrylonitrile	3.12	53	1660983	229.239	ug/l	100
16) Acetone	2.42	43	1466310	215.017	ug/l	99
17) Carbon Disulfide	2.55	76	1277966	39.427	ug/l	100
18) Methyl Acetate	2.75	43	810821	46.585	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	1891659	45.903	ug/l	99
20) Methylene Chloride	2.84	84	561556	44.086	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	525131	44.532	ug/l	98
22) Diisopropyl ether	3.83	45	2032106	46.191	ug/l	99
23) Vinyl Acetate	3.79	43	8955730	224.837	ug/l	100
24) 1,1-Dichloroethane	3.67	63	1037500	44.791	ug/l	99
25) 2-Butanone	4.64	43	2379427	216.958	ug/l	100
26) 2,2-Dichloropropane	4.56	77	882972	46.441	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	619125	45.380	ug/l	99
28) Bromochloromethane	4.98	49	535896	48.457	ug/l	96
29) Tetrahydrofuran	5.09	42	1556528	220.767	ug/l	99
30) Chloroform	5.18	83	1021369	45.832	ug/l	98
31) Cyclohexane	5.56	56	893545	44.468	ug/l	97
32) 1,1,1-Trichloroethane	5.47	97	920205	45.627	ug/l	99
36) 1,1-Dichloropropene	5.78	75	749872	47.092	ug/l	98
37) Ethyl Acetate	4.79	43	951887	45.910	ug/l	99
38) Carbon Tetrachloride	5.76	117	813865	47.189	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	879552	47.906	ug/l	97
40) Benzene	6.12	78	2245797	48.147	ug/l	98
41) Methacrylonitrile	5.01	41	551901	47.951	ug/l	99
42) 1,2-Dichloroethane	6.17	62	898032	47.930	ug/l	99
43) Isopropyl Acetate	6.42	43	1616907	46.196	ug/l	99
44) Trichloroethene	7.19	130	617949	48.576	ug/l	99
45) 1,2-Dichloropropane	7.50	63	599669	46.995	ug/l	98
46) Dibromomethane	7.64	93	403525	48.209	ug/l	95
47) Bromodichloromethane	7.88	83	843715	47.305	ug/l	98
48) Methyl methacrylate	7.75	41	810987	46.388	ug/l	97
49) 1,4-Dioxane	7.71	88	252435	774.018	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	4726209	238.268	ug/l	99
52) Toluene	8.77	92	1413478	49.151	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	963999	46.085	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	1013497	47.563	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	594194	50.432	ug/l	98
56) Ethyl methacrylate	9.16	69	992399	47.793	ug/l	97
57) 1,3-Dichloropropane	9.35	76	1015178	47.823	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	2356656	233.332	ug/l	99
59) 2-Hexanone	9.48	43	3575021	238.724	ug/l	99
60) Dibromochloromethane	9.57	129	671237	47.411	ug/l	95
61) 1,2-Dibromoethane	9.65	107	615881	48.073	ug/l	97
64) Tetrachloroethene	9.32	164	568183	46.854	ug/l	98
65) Chlorobenzene	10.12	112	1543084	48.153	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	616942	48.190	ug/l	98
67) Ethyl Benzene	10.24	91	2737789	48.170	ug/l	98
68) m/p-Xylenes	10.34	106	2054037	97.054	ug/l	98
69) o-Xylene	10.68	106	1015906	48.577	ug/l	98
70) Styrene	10.70	104	1769692	48.089	ug/l	99
71) Bromoform	10.84	173	550674	47.250	ug/l #	99
73) Isopropylbenzene	11.01	105	2706191	47.270	ug/l	99
74) N-amyl acetate	10.89	43	1378520	43.293	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	906003	46.120	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	1085531	60.415	ug/l	83
77) Bromobenzene	11.24	156	741419	48.552	ug/l	92
78) n-propylbenzene	11.35	91	3058056	46.714	ug/l	100
79) 2-Chlorotoluene	11.41	91	1815304	45.242	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	2275909	46.549	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	323266	43.169	ug/l	99
82) 4-Chlorotoluene	11.49	91	2169377	46.120	ug/l	99
83) tert-Butylbenzene	11.76	119	2286364	47.874	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	2340281	46.971	ug/l	99
85) sec-Butylbenzene	11.93	105	2596385	47.007	ug/l	99
86) p-Isopropyltoluene	12.05	119	2497138	48.699	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	1307815	47.839	ug/l	96
88) 1,4-Dichlorobenzene	12.08	146	1318625	47.354	ug/l	99
89) n-Butylbenzene	12.37	91	2172561	46.886	ug/l	98
90) Hexachloroethane	12.58	117	433875	43.473	ug/l	93
91) 1,2-Dichlorobenzene	12.38	146	1305535	48.799	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	222778	40.180	ug/l	92

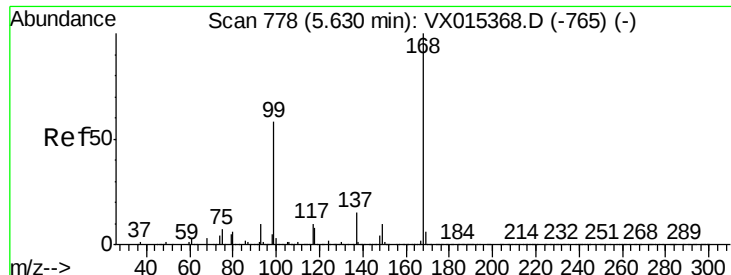
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	1020319	48.215	ug/l	99
94) Hexachlorobutadiene	13.77	225	436754	43.349	ug/l	92
95) Naphthalene	13.82	128	3100972	48.039	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	1032574	50.680	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.00 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

Instrument :

MSVOA_X

ClientSampleId :

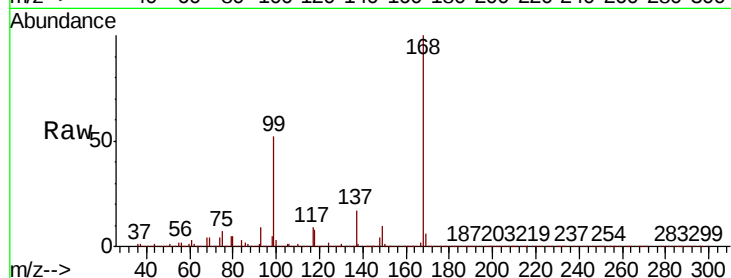
VSTDCCC050EC

Tot Ion:168 Resp: 1125451

Ion Ratio Lower Upper

168 100

99 52.2 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

400000

300000

200000

100000

0

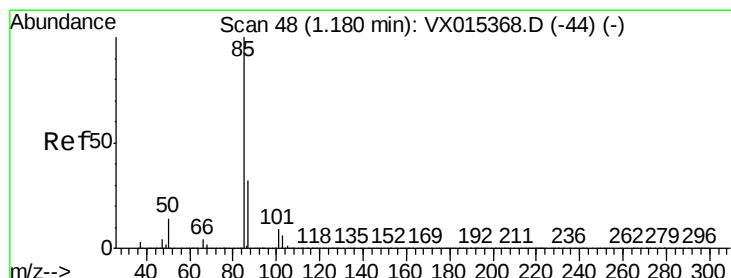
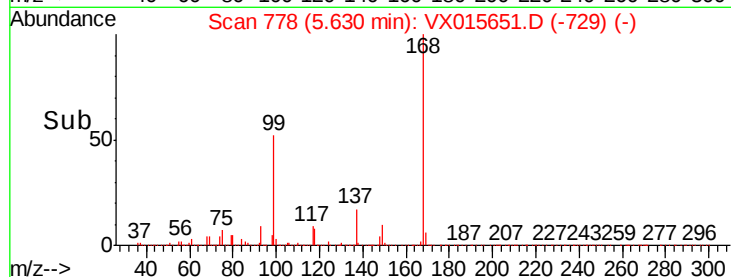
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 44.089 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.01 min

Lab File: VX015651.D

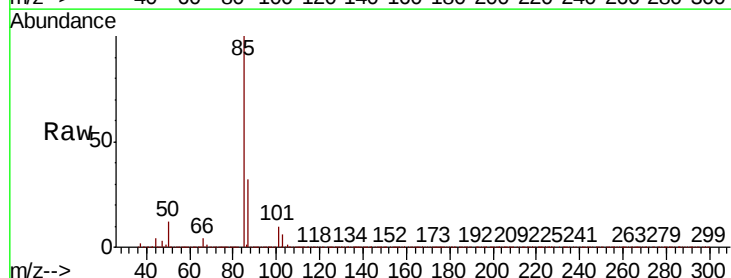
Acq: 13 Apr 2020 18:42

Tgt Ion: 85 Resp: 437166

Ion Ratio Lower Upper

85 100

87 31.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

500000

400000

300000

200000

100000

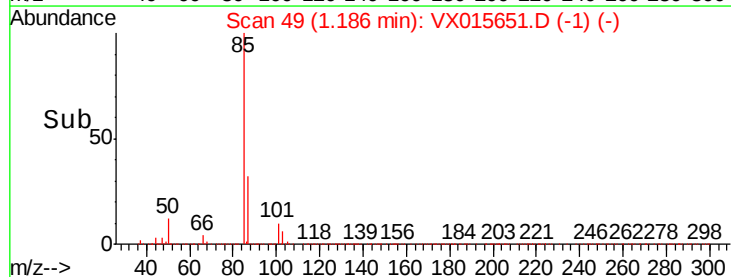
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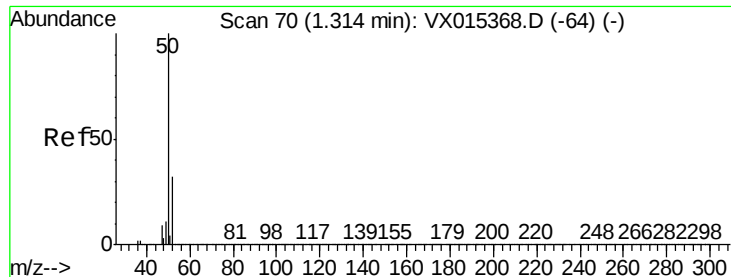
Time-->

1.15

1.20

1.25





#3

Chloromethane

Concen: 42.524 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

Instrument :

MSVOA_X

ClientSampleId :

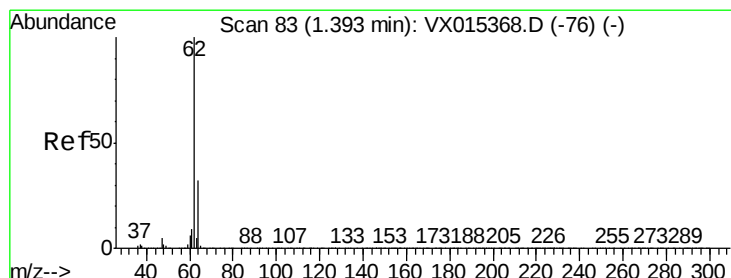
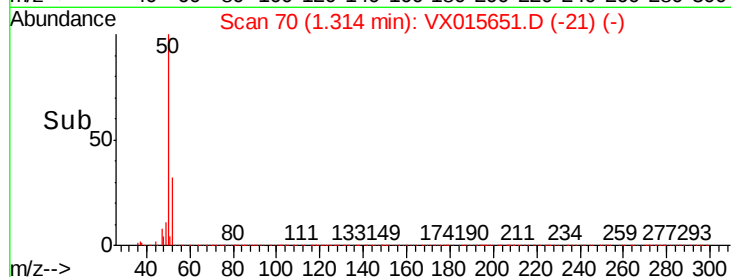
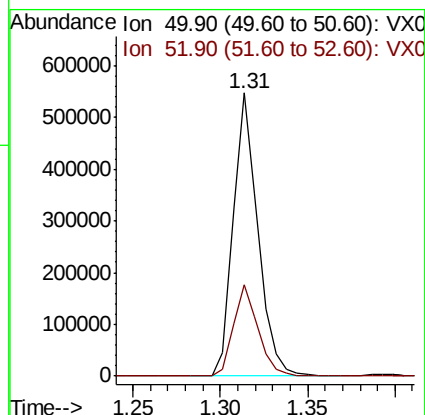
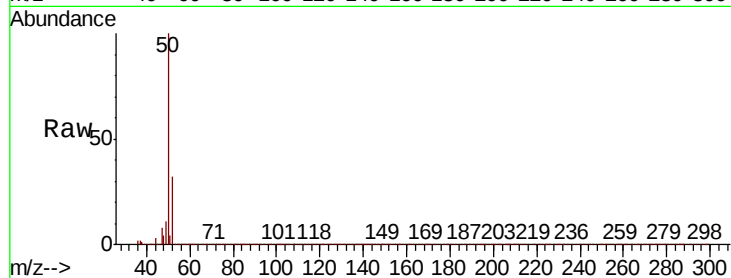
VSTDCCC050EC

Tot Ion: 50 Resp: 536963

Ion Ratio Lower Upper

50 100

52 32.2 25.3 37.9



#4

Vinyl Chloride

Concen: 47.237 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX015651.D

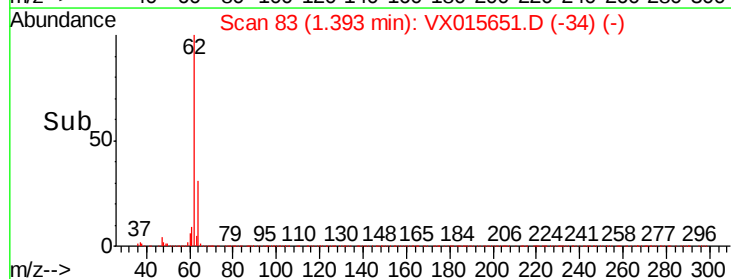
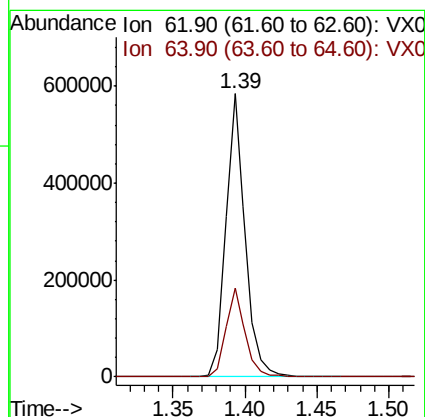
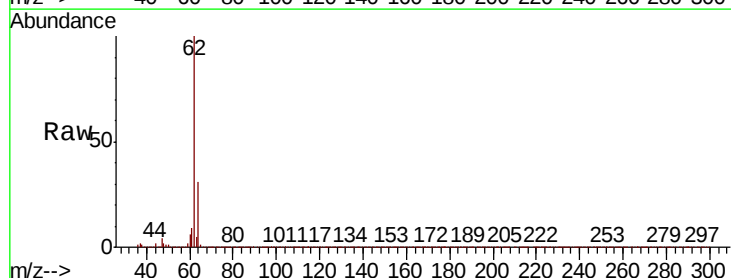
Acq: 13 Apr 2020 18:42

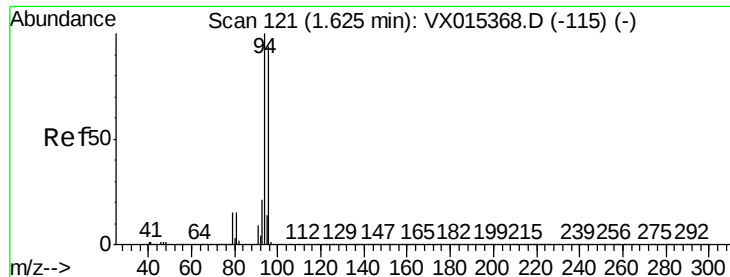
Tgt Ion: 62 Resp: 547698

Ion Ratio Lower Upper

62 100

64 31.1 26.0 39.0





#5

Bromomethane

Concen: 64.643 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

Instrument :

MSVOA_X

ClientSampleId :

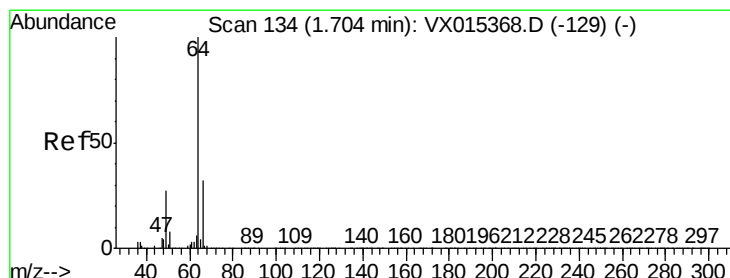
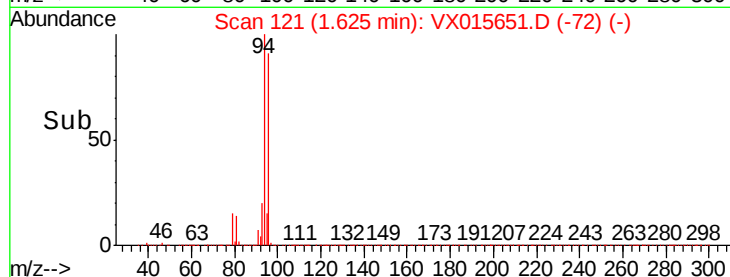
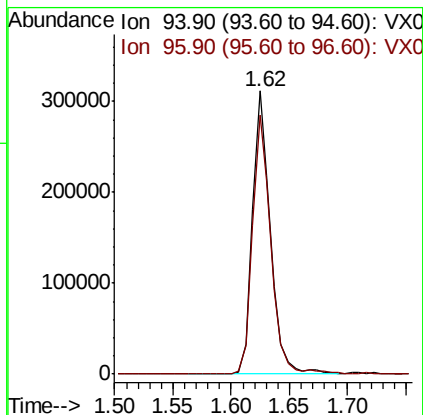
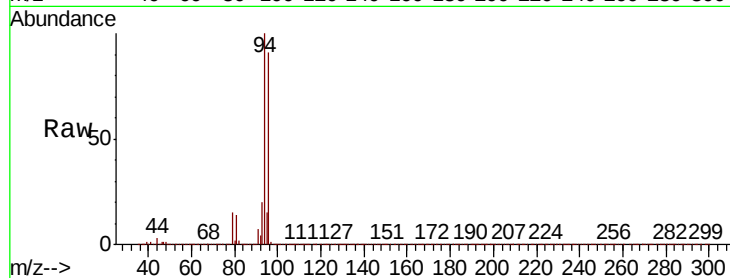
VSTDCCC050EC

Tot Ion: 94 Resp: 332835

Ion Ratio Lower Upper

94 100

96 91.4 74.8 112.2



#6

Chloroethane

Concen: 48.840 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015651.D

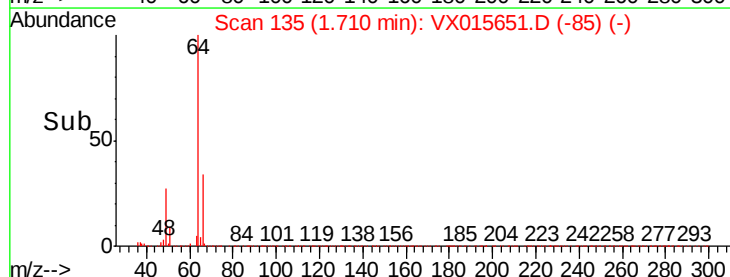
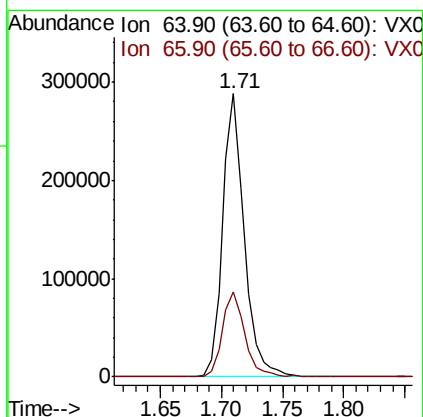
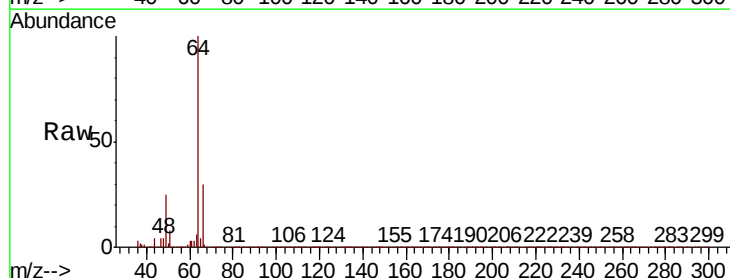
Acq: 13 Apr 2020 18:42

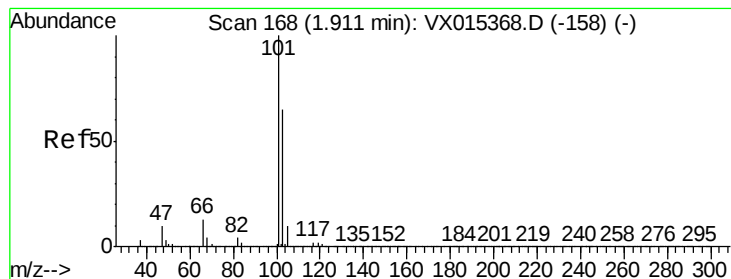
Tgt Ion: 64 Resp: 351209

Ion Ratio Lower Upper

64 100

66 30.0 25.4 38.2



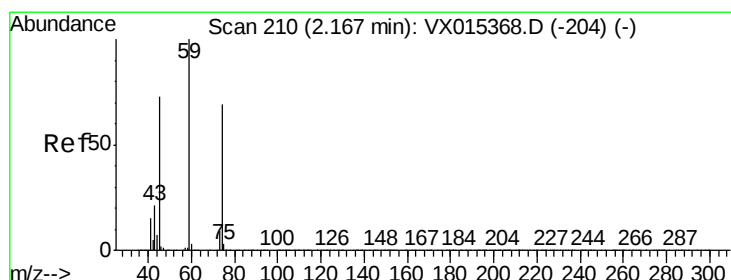
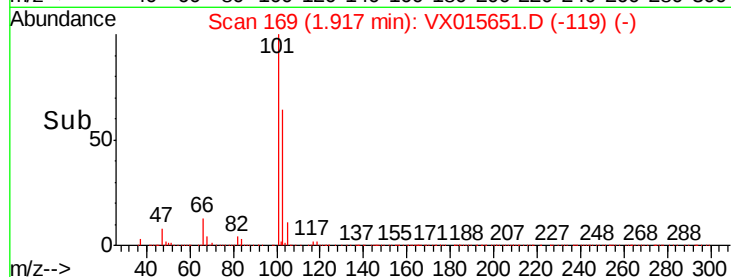
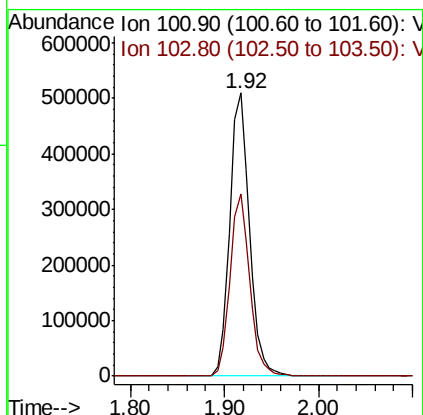
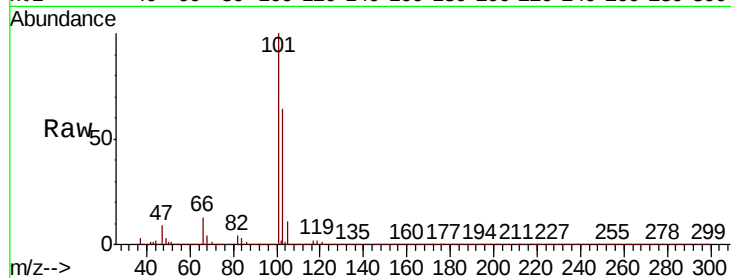


#7

Trichlorofluoromethane
 Concen: 47.642 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.01 min
 Lab File: VX015651.D
 Acq: 13 Apr 2020 18:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

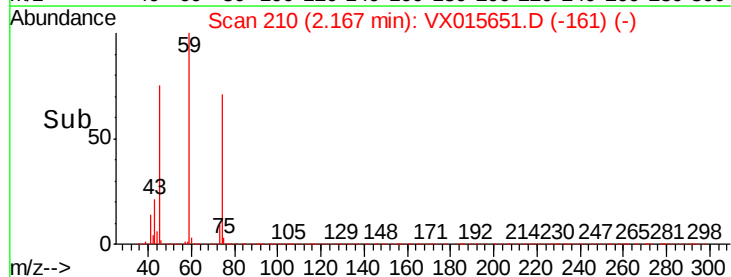
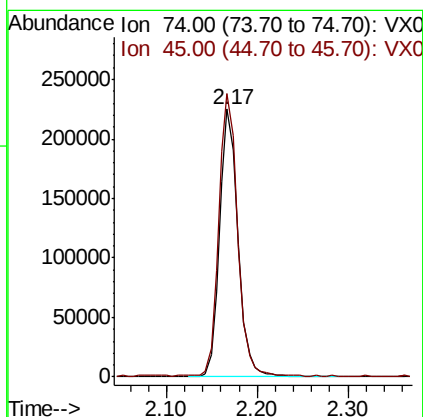
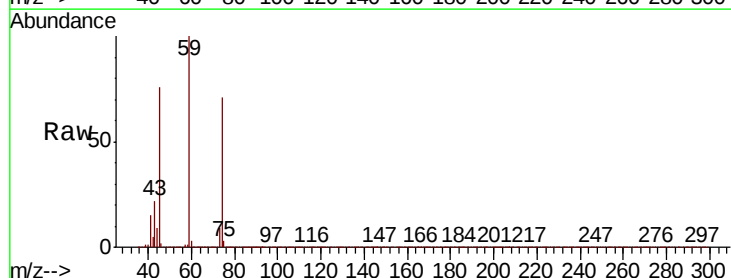
Tot Ion:101 Resp: 740807
 Ion Ratio Lower Upper
 101 100
 103 64.1 52.3 78.5

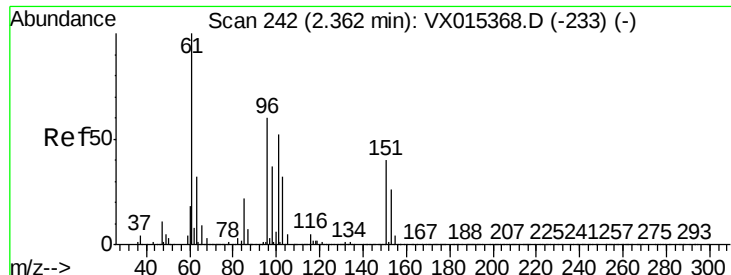


#8

Diethyl Ether
 Concen: 48.726 ug/l
 RT: 2.17 min Scan# 210
 Delta R.T. -0.00 min
 Lab File: VX015651.D
 Acq: 13 Apr 2020 18:42

Tgt Ion: 74 Resp: 319569
 Ion Ratio Lower Upper
 74 100
 45 106.3 53.8 161.4

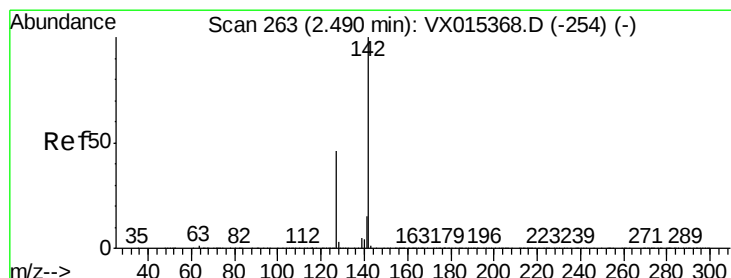
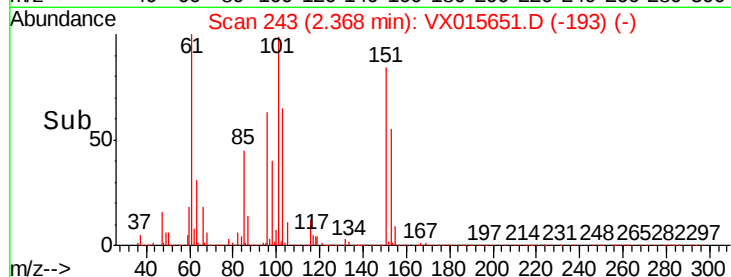
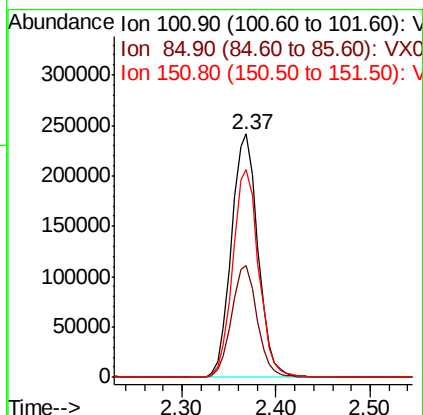
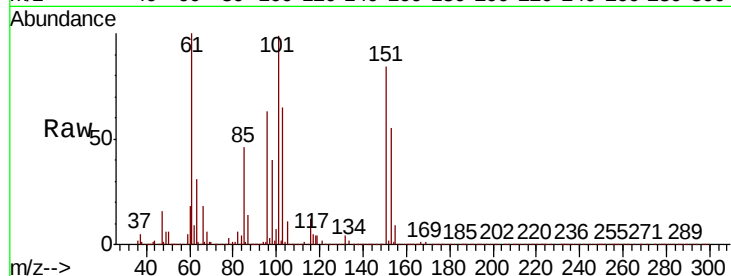




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.681 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

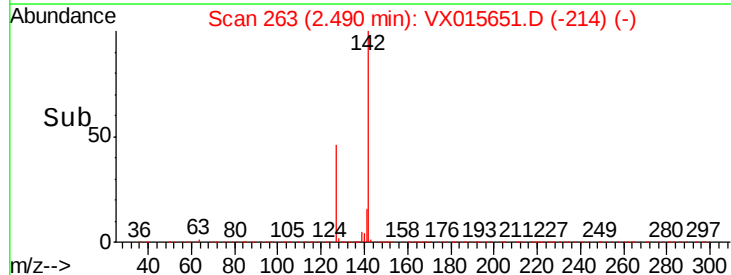
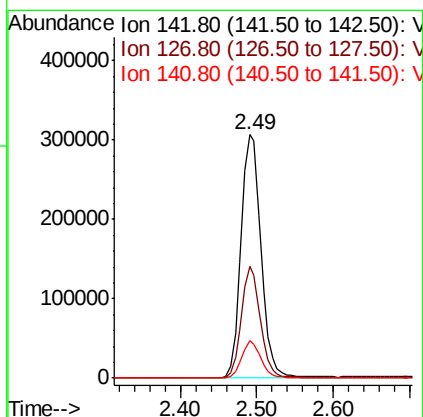
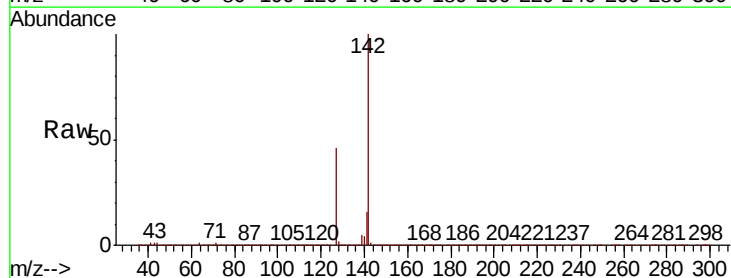
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

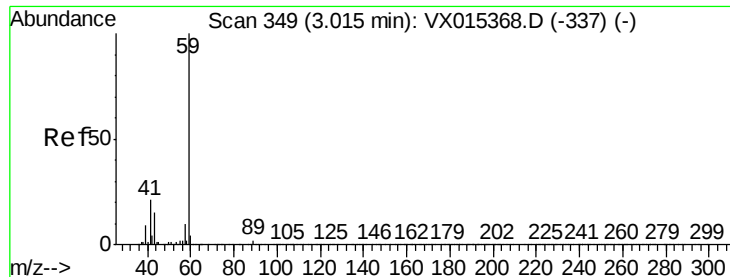
Tot Ion:101 Resp: 473186
Ion Ratio Lower Upper
101 100
85 44.6 35.0 52.4
151 83.4 64.1 96.1



#10
Methyl Iodide
Concen: 40.861 ug/l
RT: 2.49 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

Tgt Ion:142 Resp: 558433
Ion Ratio Lower Upper
142 100
127 43.4 35.9 53.9
141 14.6 11.6 17.4



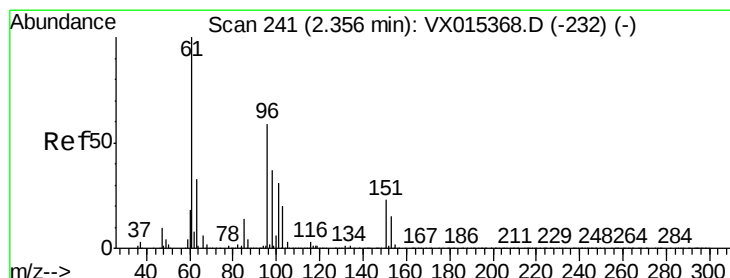
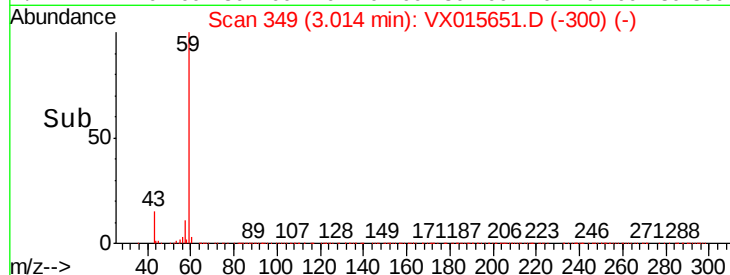
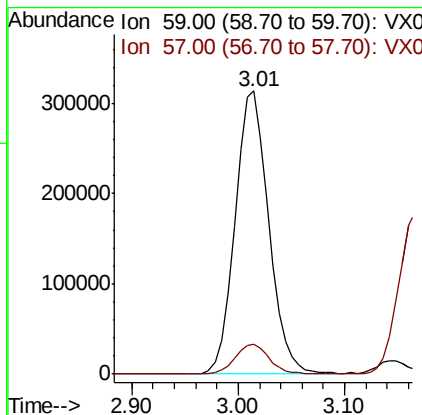
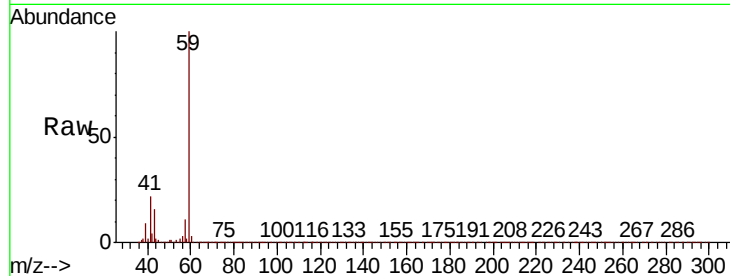


#11

Tert butyl alcohol
Concen: 183.142 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.00 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

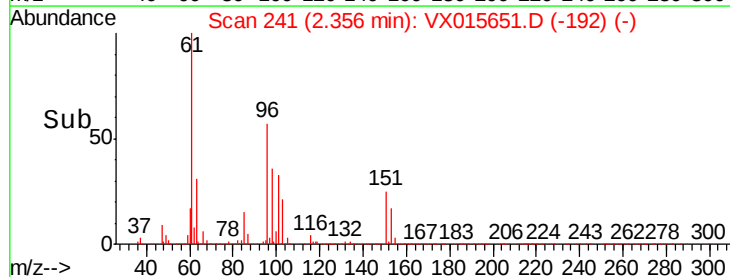
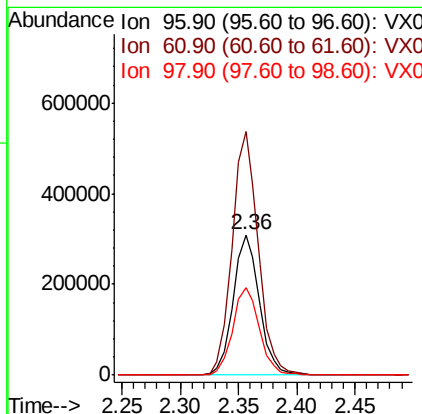
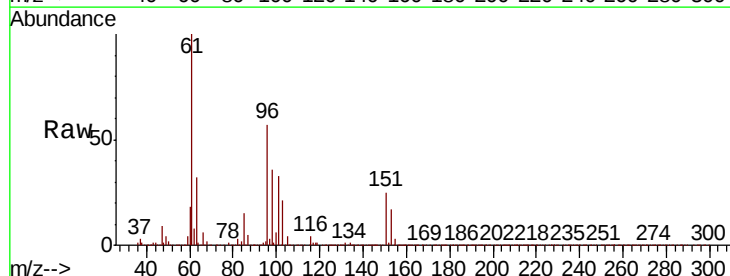
Tot Ion: 59 Resp: 695820
Ion Ratio Lower Upper
59 100
57 10.5 8.1 12.1

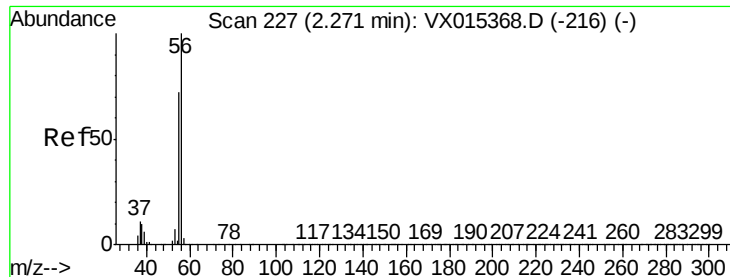


#12

1,1-Dichloroethene
Concen: 45.612 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.00 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

Tgt Ion: 96 Resp: 484644
Ion Ratio Lower Upper
96 100
61 173.9 135.7 203.5
98 62.5 50.6 75.8

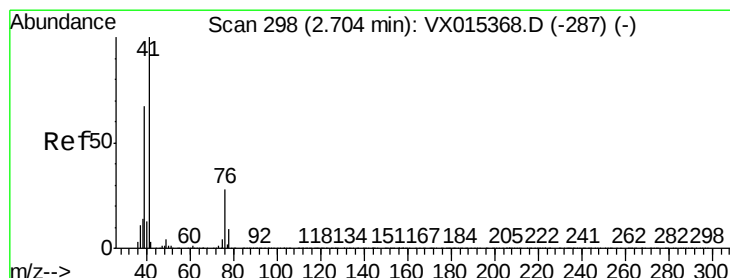
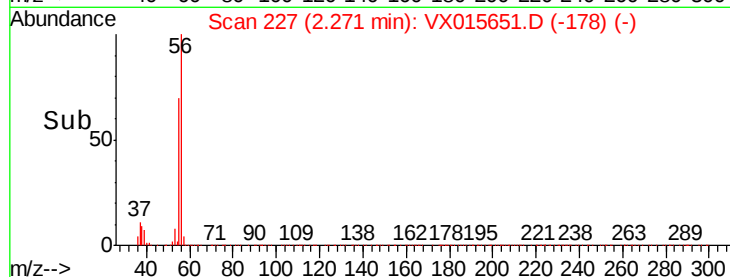
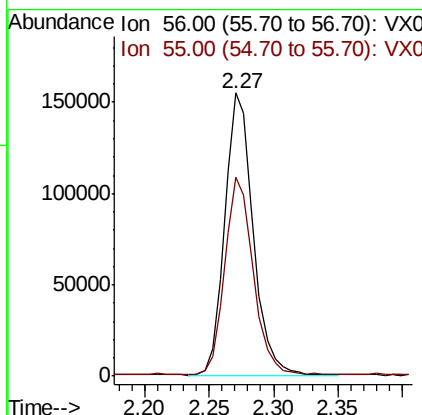
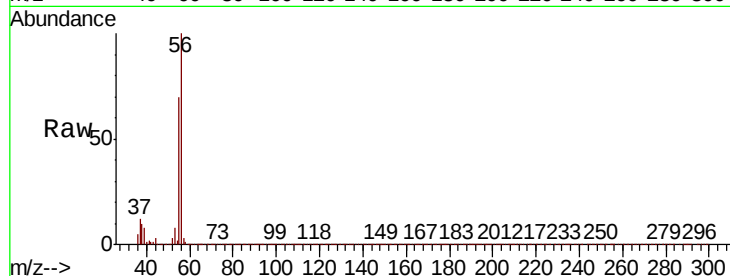




#13
Acrolein
Concen: 110.280 ug/l
RT: 2.27 min Scan# 227
Delta R.T. -0.00 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

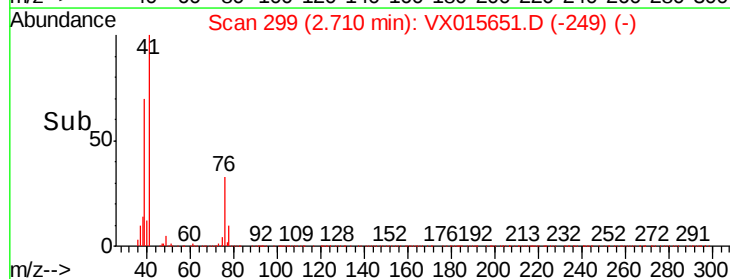
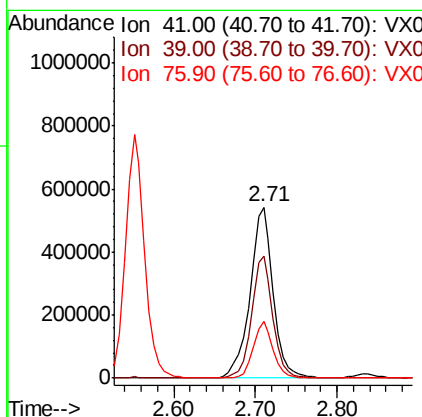
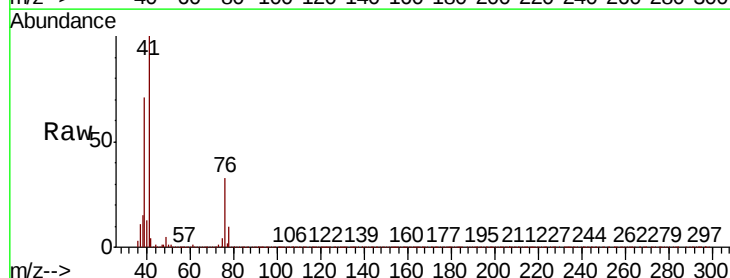
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

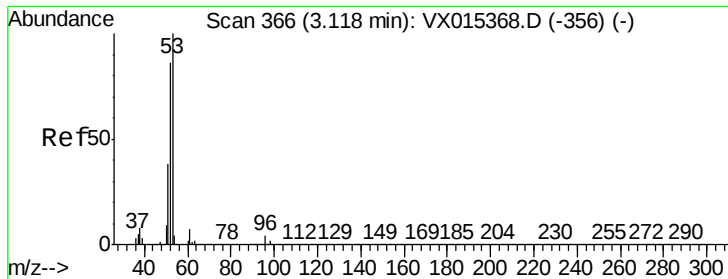
Tot Ion: 56 Resp: 238677
Ion Ratio Lower Upper
56 100
55 70.7 57.0 85.4



#14
Allyl chloride
Concen: 43.203 ug/l
RT: 2.71 min Scan# 299
Delta R.T. 0.01 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

Tgt Ion: 41 Resp: 1072609
Ion Ratio Lower Upper
41 100
39 65.3 51.4 77.0
76 28.5 21.8 32.8





#15

Acrylonitrile

Concen: 229.239 ug/l

RT: 3.12 min Scan# 366

Delta R.T. -0.00 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

Instrument :

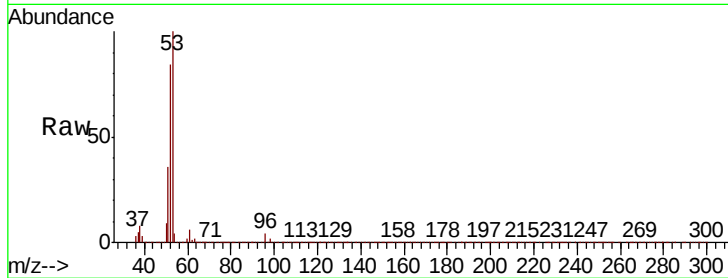
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 53 Resp: 1660983

Ion	Ratio	Lower	Upper
53	100		
52	83.6	66.8	100.2
51	36.5	29.5	44.3

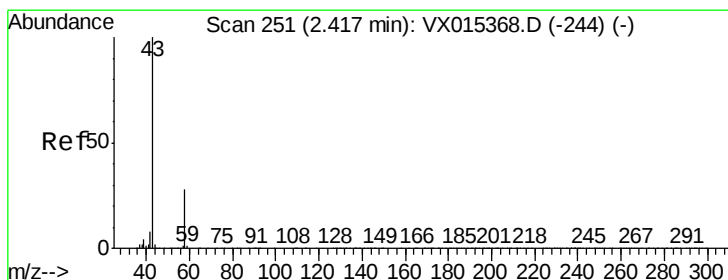
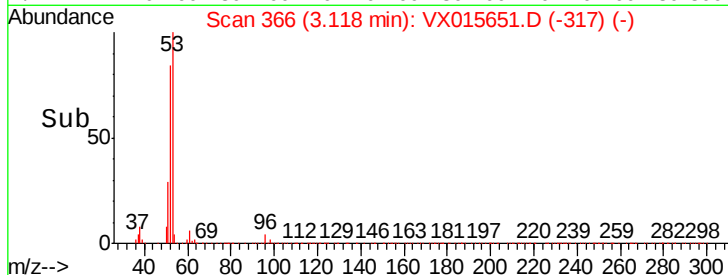
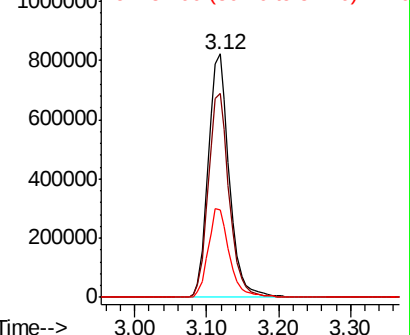


Abundance

Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 215.017 ug/l

RT: 2.42 min Scan# 251

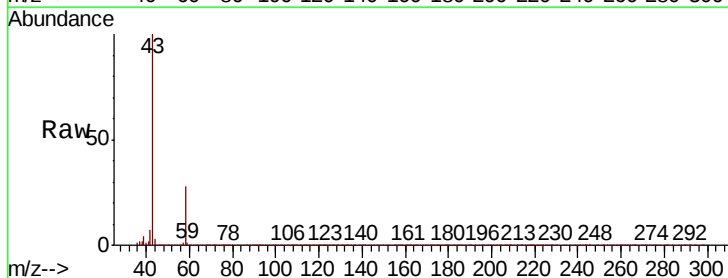
Delta R.T. -0.00 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

Tgt Ion: 43 Resp: 1466310

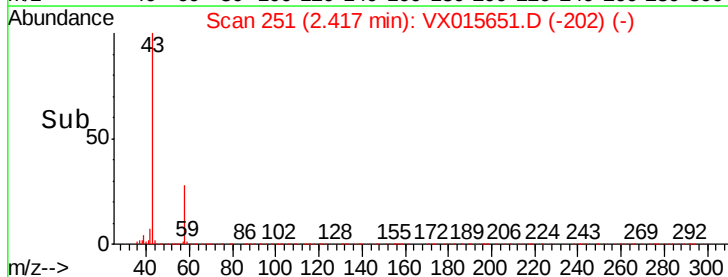
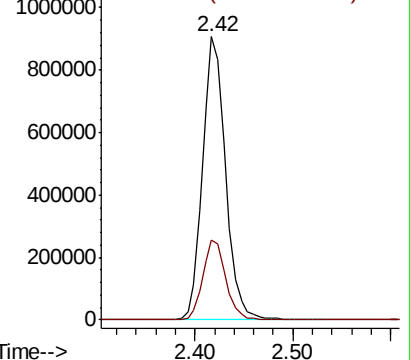
Ion	Ratio	Lower	Upper
43	100		
58	28.3	22.1	33.1

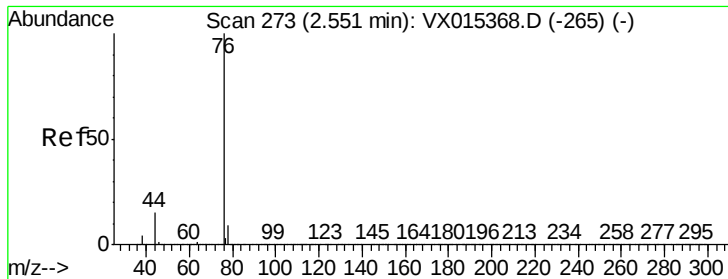


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

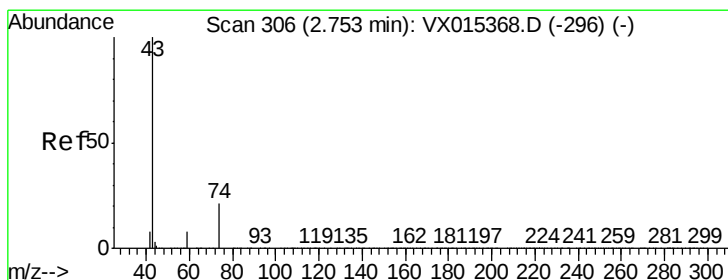
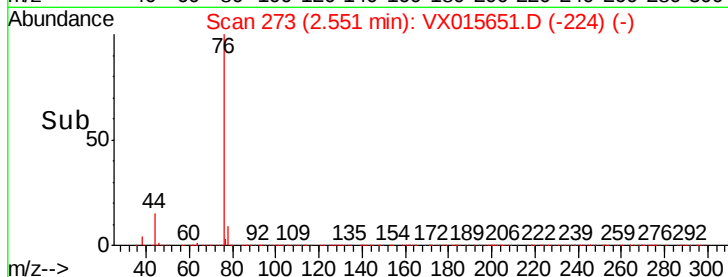
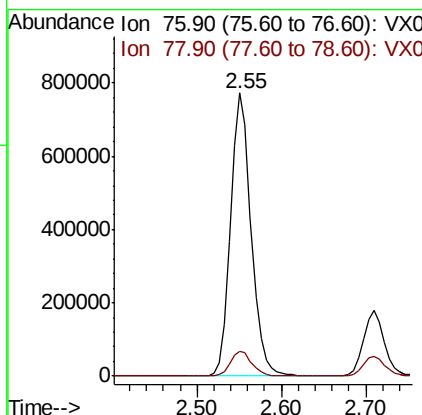
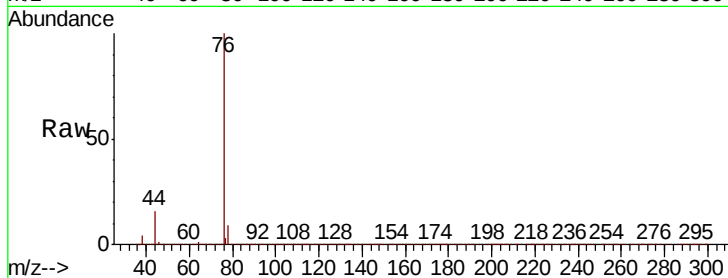




#17
Carbon Disulfide
Concen: 39.427 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

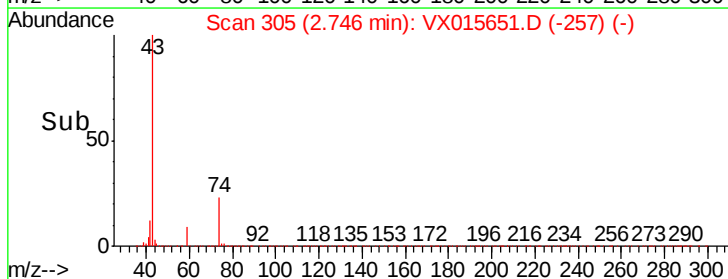
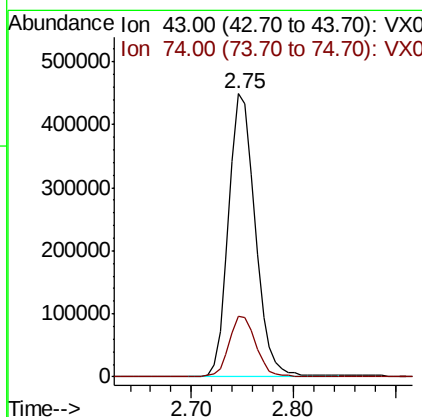
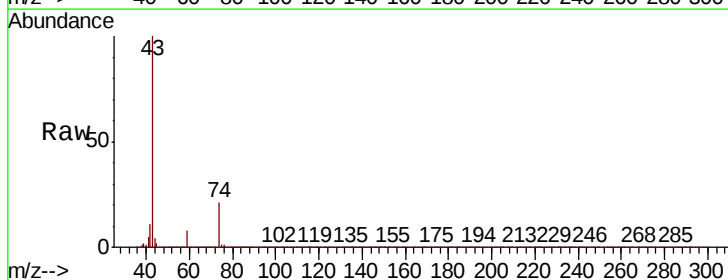
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

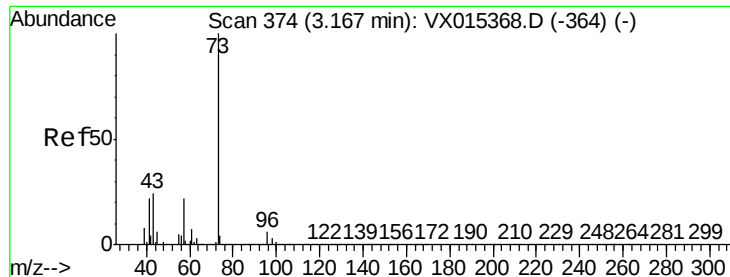
Tot Ion: 76 Resp: 1277966
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 46.585 ug/l
RT: 2.75 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

Tgt Ion: 43 Resp: 810821
Ion Ratio Lower Upper
43 100
74 21.5 16.5 24.7



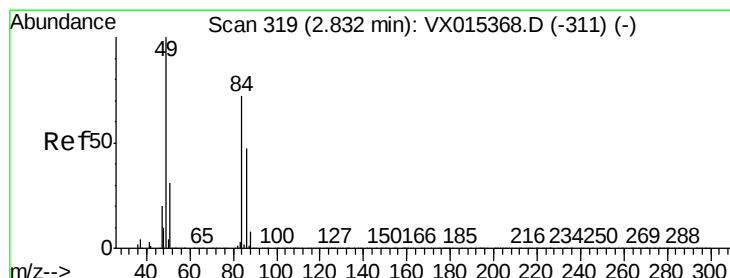
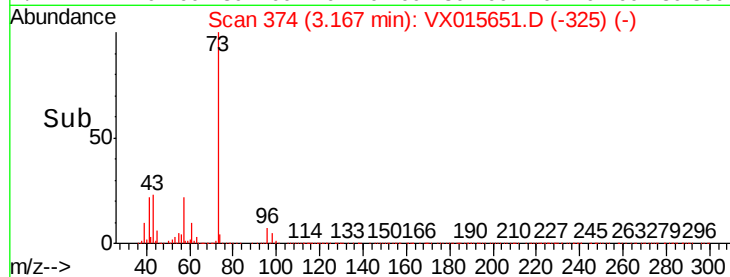
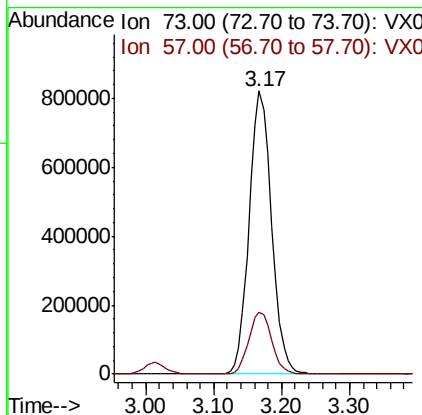
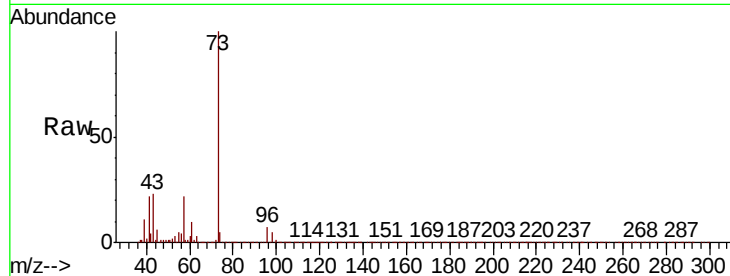


#19

Methyl tert-butyl Ether
 Concen: 45.903 ug/l
 RT: 3.17 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VX015651.D
 Acq: 13 Apr 2020 18:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

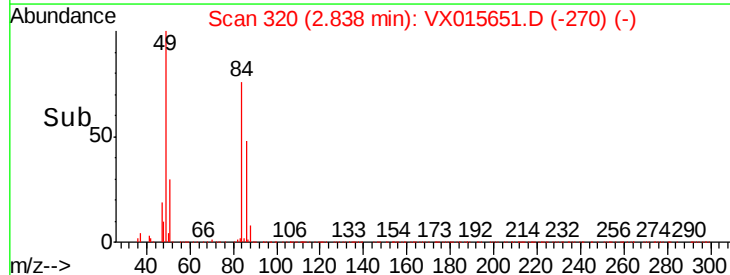
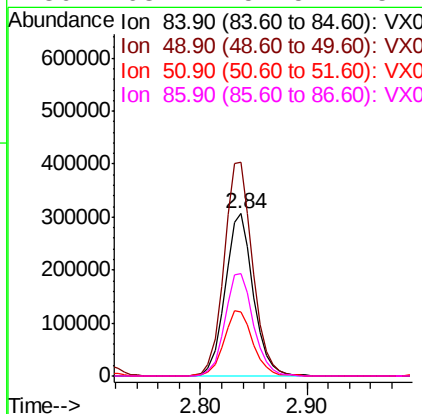
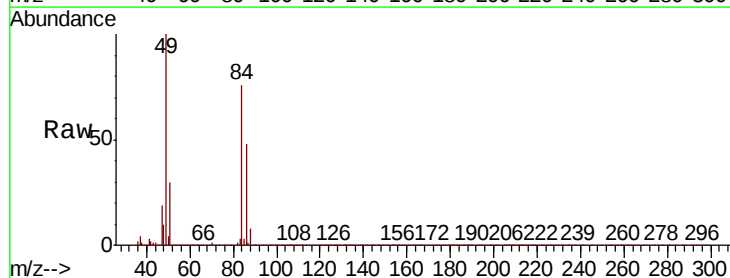
Tot Ion: 73 Resp: 1891659
 Ion Ratio Lower Upper
 73 100
 57 21.9 17.9 26.9

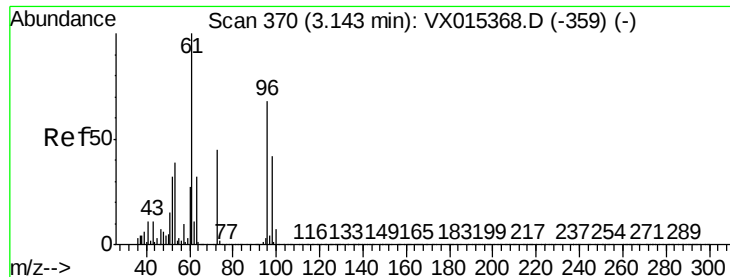


#20

Methylene Chloride
 Concen: 44.086 ug/l
 RT: 2.84 min Scan# 320
 Delta R.T. 0.01 min
 Lab File: VX015651.D
 Acq: 13 Apr 2020 18:42

Tgt Ion: 84 Resp: 561556
 Ion Ratio Lower Upper
 84 100
 49 131.6 111.3 166.9
 51 39.6 34.0 51.0
 86 63.1 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 44.532 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.00 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

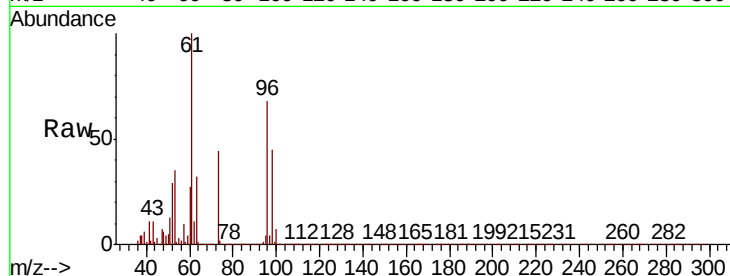
Tot Ion: 96 Resp: 525131

Ion Ratio Lower Upper

96 100

61 146.6 116.9 175.3

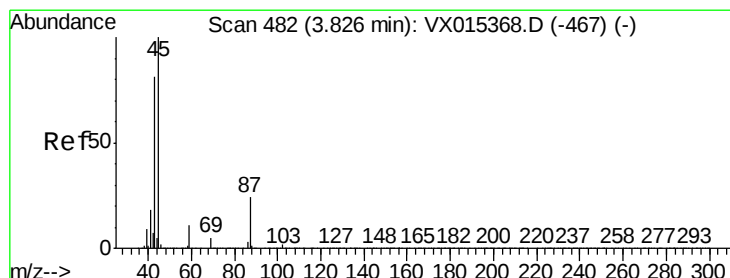
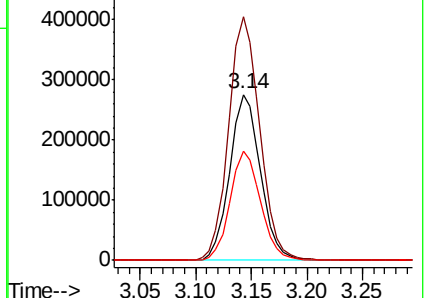
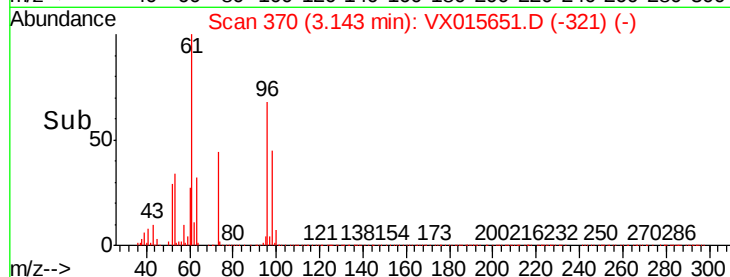
98 65.5 48.6 73.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 46.191 ug/l

RT: 3.83 min Scan# 482

Delta R.T. -0.00 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

Tgt Ion: 45 Resp: 2032106

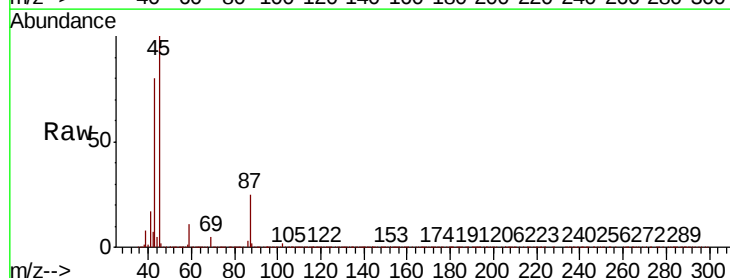
Ion Ratio Lower Upper

45 100

43 79.7 64.7 97.1

87 24.8 19.4 29.0

59 10.8 8.7 13.1

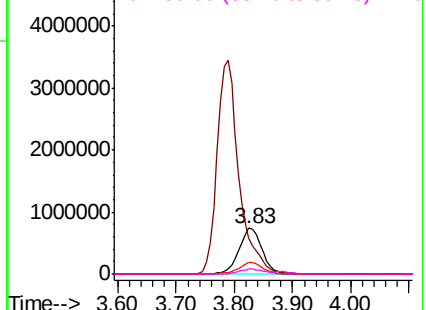
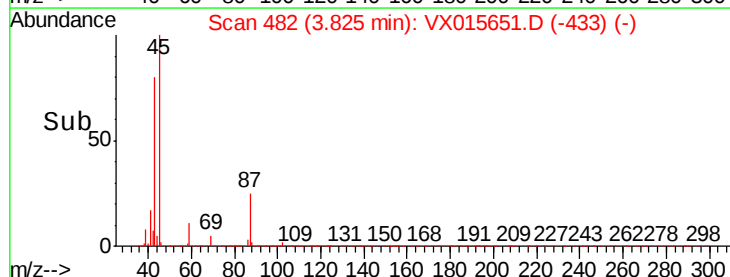


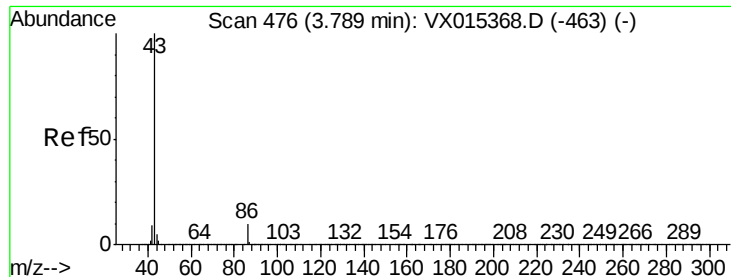
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 224.837 ug/l

RT: 3.79 min Scan# 476

Delta R.T. -0.00 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

Instrument :

MSVOA_X

ClientSampleId :

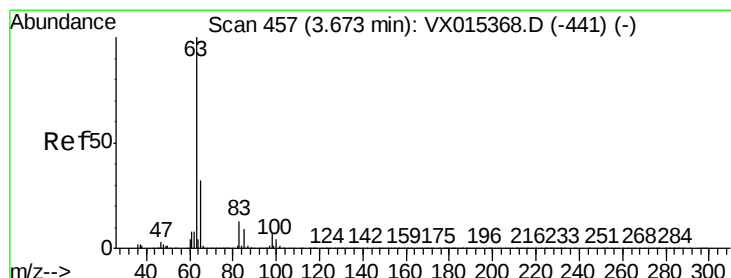
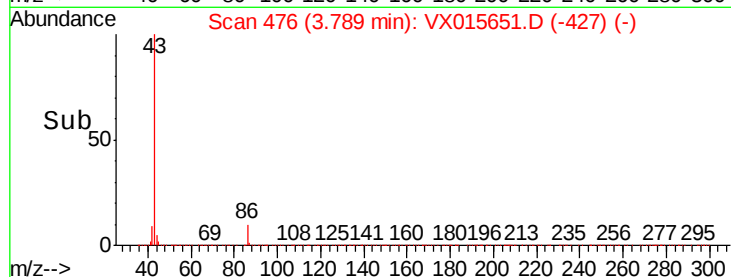
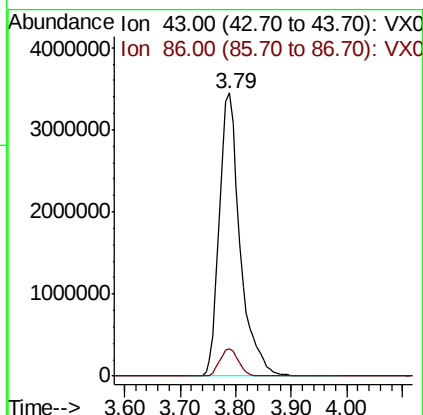
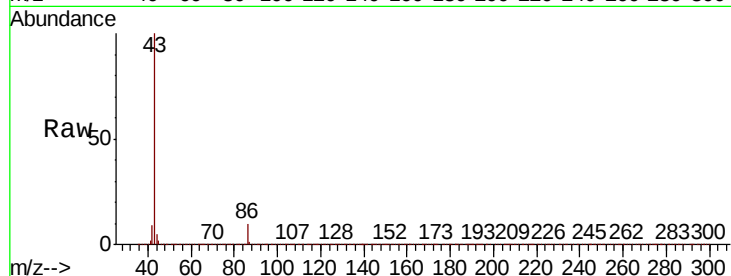
VSTDCCC050EC

Tot Ion: 43 Resp: 8955730

Ion Ratio Lower Upper

43 100

86 9.5 7.8 11.6



#24

1,1-Dichloroethane

Concen: 44.791 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.00 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

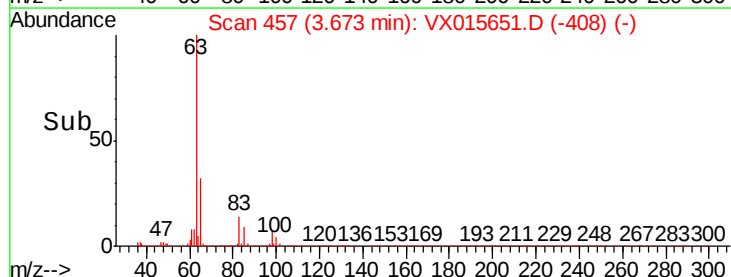
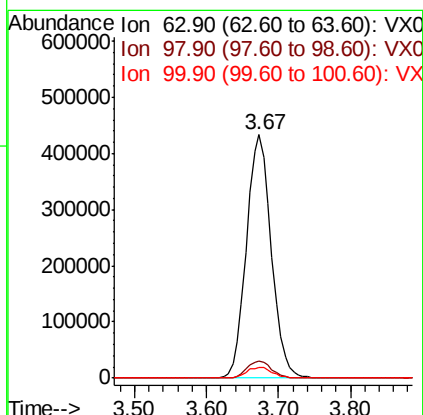
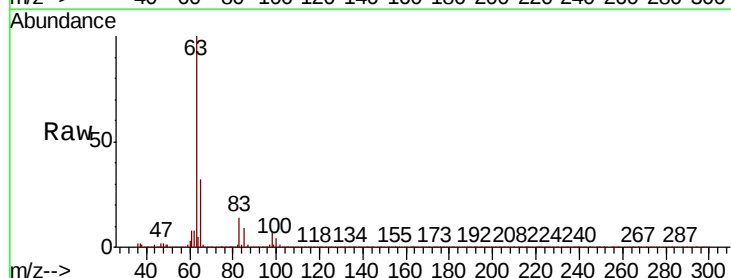
Tgt Ion: 63 Resp: 1037500

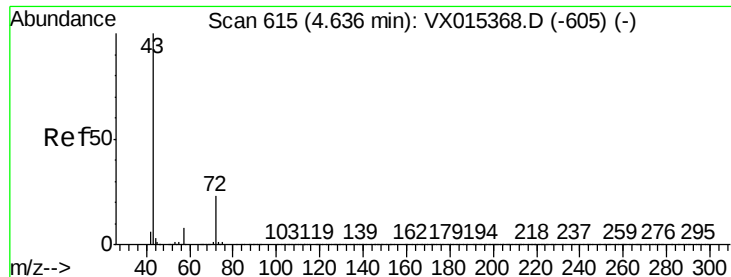
Ion Ratio Lower Upper

63 100

98 6.8 3.3 9.8

100 4.2 2.1 6.5





#25

2-Butanone

Concen: 216.958 ug/l

RT: 4.64 min Scan# 615

Delta R.T. -0.00 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

Instrument :

MSVOA_X

ClientSampleId :

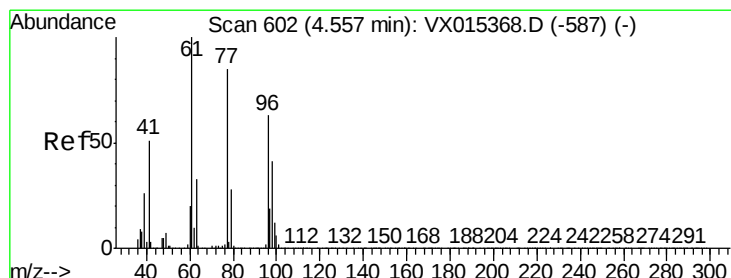
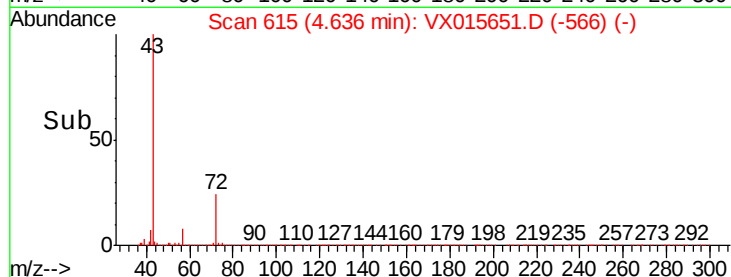
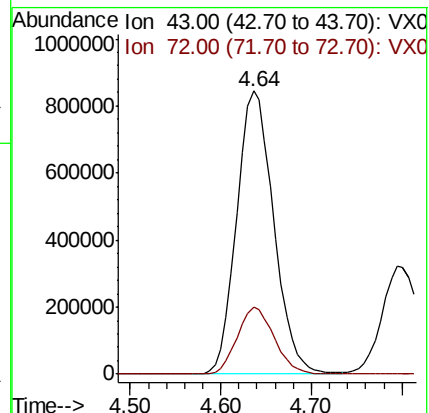
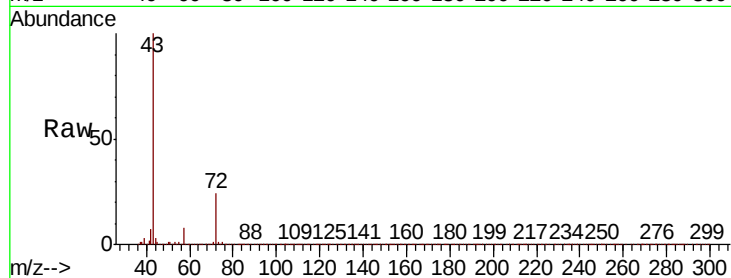
VSTDCCC050EC

Tot Ion: 43 Resp: 2379427

Ion Ratio Lower Upper

43 100

72 23.5 19.0 28.4



#26

2,2-Dichloropropane

Concen: 46.441 ug/l

RT: 4.56 min Scan# 602

Delta R.T. -0.00 min

Lab File: VX015651.D

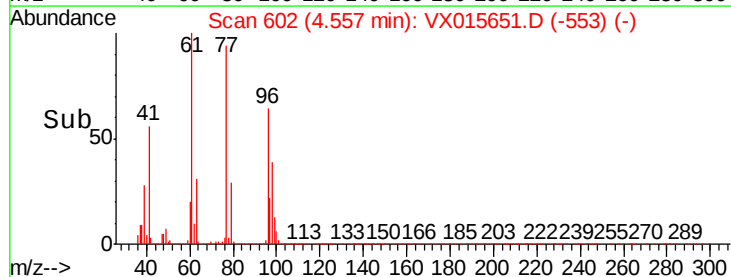
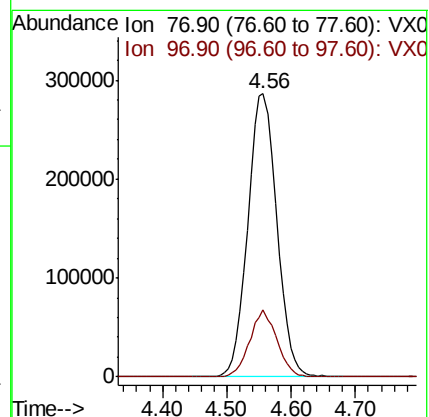
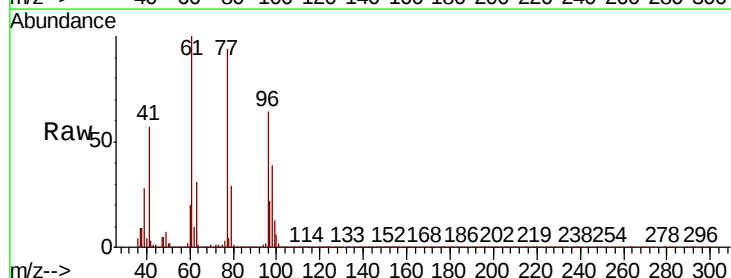
Acq: 13 Apr 2020 18:42

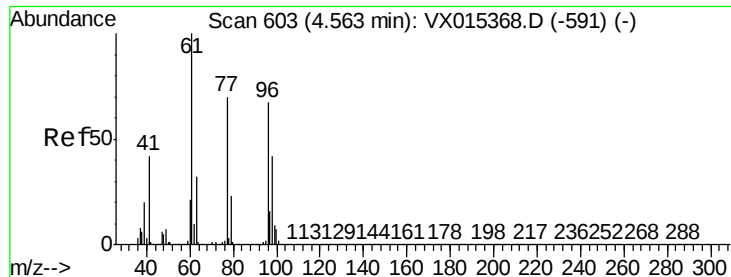
Tgt Ion: 77 Resp: 882972

Ion Ratio Lower Upper

77 100

97 22.2 11.3 33.8



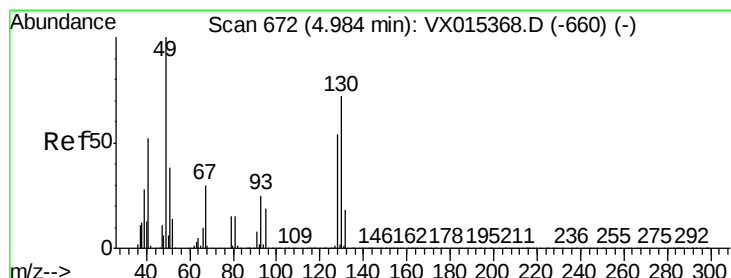
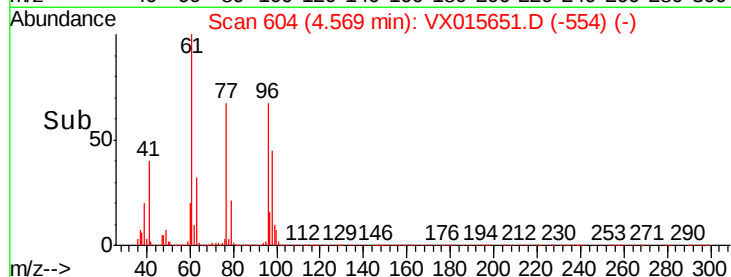
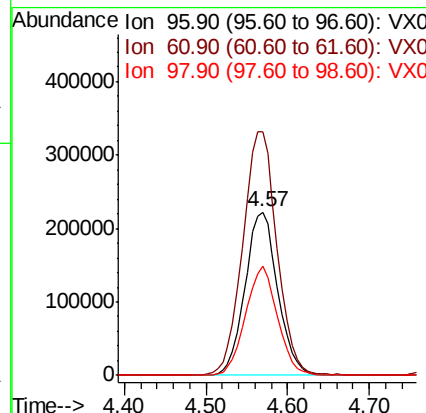
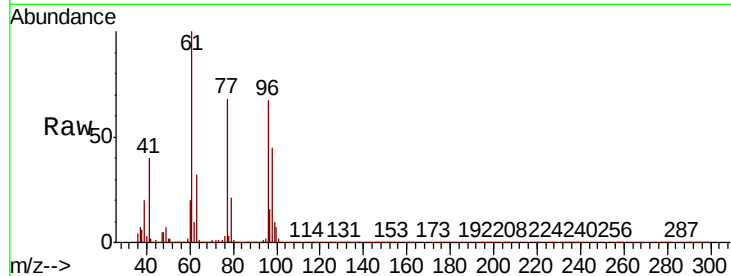


#27

cis-1,2-Dichloroethene
Concen: 45.380 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

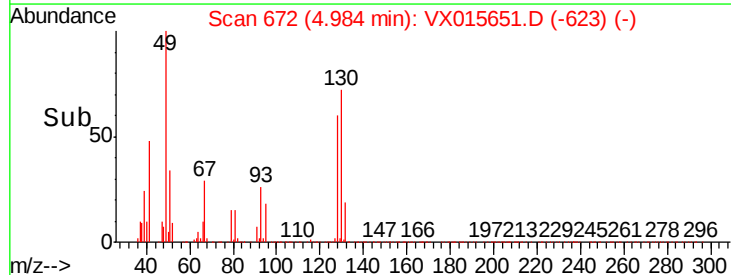
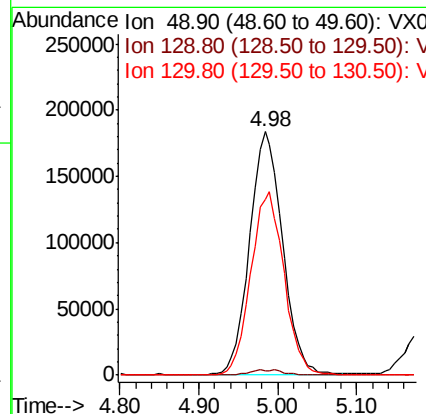
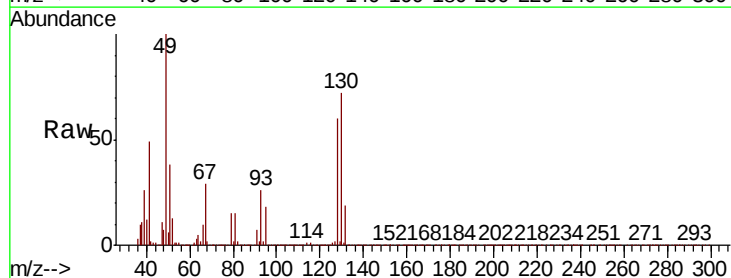
Tot Ion	Ratio	Lower	Upper
96	100		
61	155.8	0.0	308.4
98	65.3	0.0	129.2

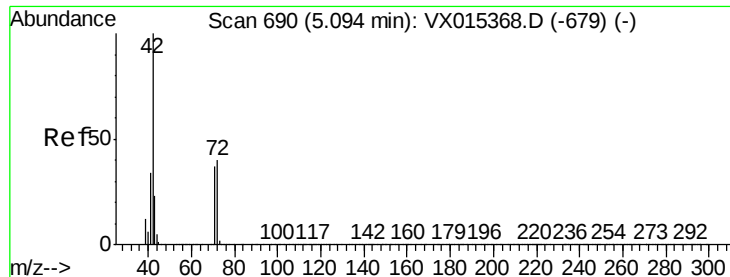


#28

Bromochloromethane
Concen: 48.457 ug/l
RT: 4.98 min Scan# 672
Delta R.T. -0.00 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.4
130	75.5	57.7	86.5





#29

Tetrahydrofuran

Concen: 220.767 ug/l

RT: 5.09 min Scan# 690

Delta R.T. -0.00 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

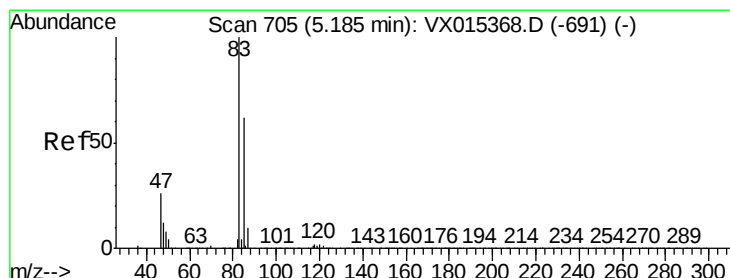
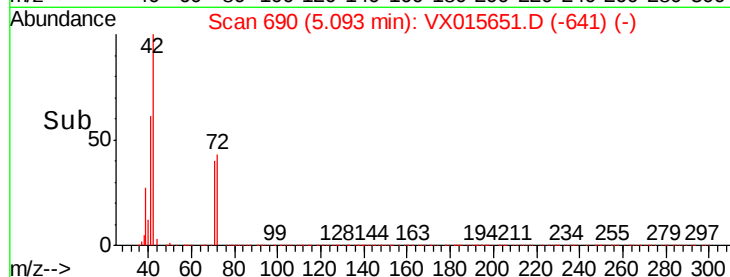
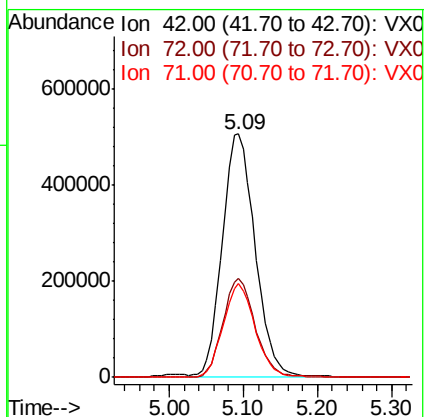
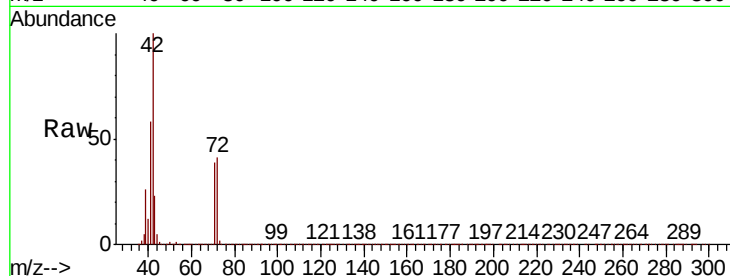
Tot Ion: 42 Resp: 1556528

Ion Ratio Lower Upper

42 100

72 40.2 31.7 47.5

71 37.6 29.6 44.4



#30

Chloroform

Concen: 45.832 ug/l

RT: 5.18 min Scan# 704

Delta R.T. -0.01 min

Lab File: VX015651.D

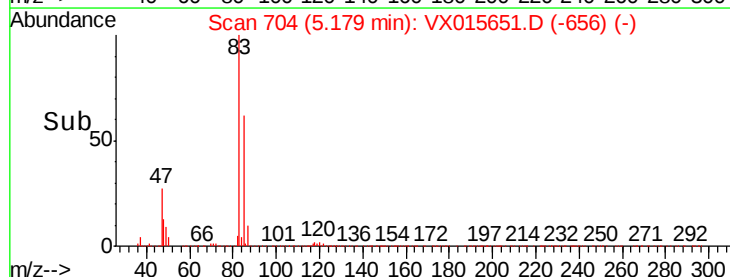
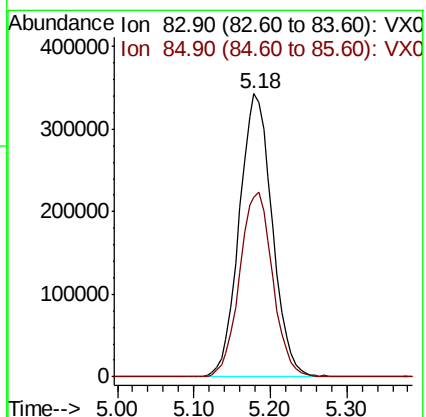
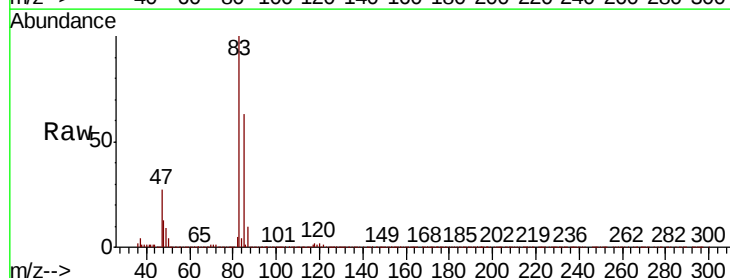
Acq: 13 Apr 2020 18:42

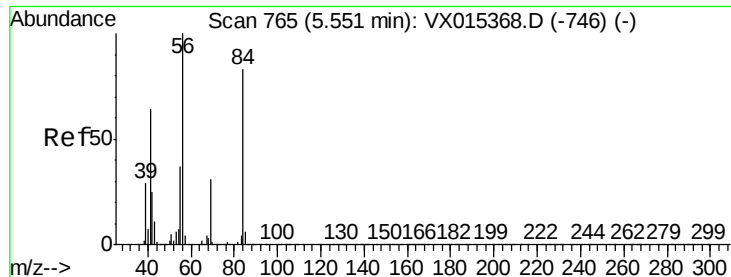
Tgt Ion: 83 Resp: 1021369

Ion Ratio Lower Upper

83 100

85 63.4 49.5 74.3

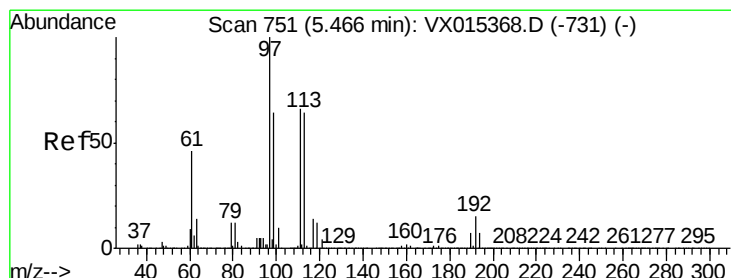
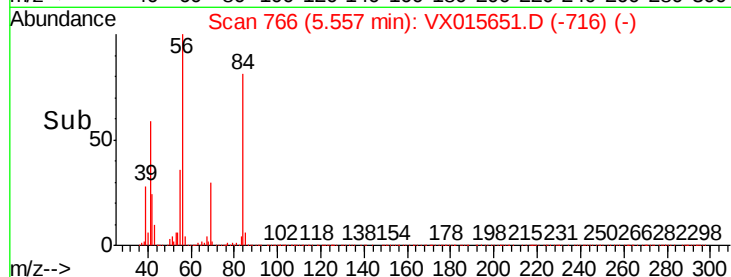
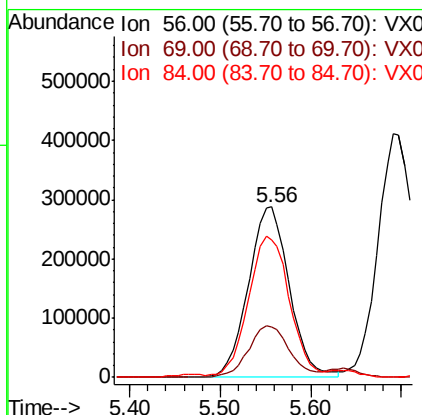
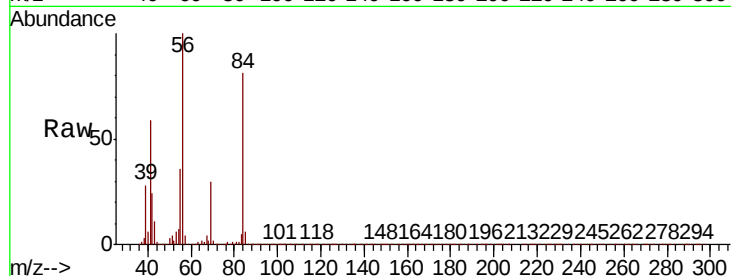




#31
Cyclohexane
Concen: 44.468 ug/l
RT: 5.56 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

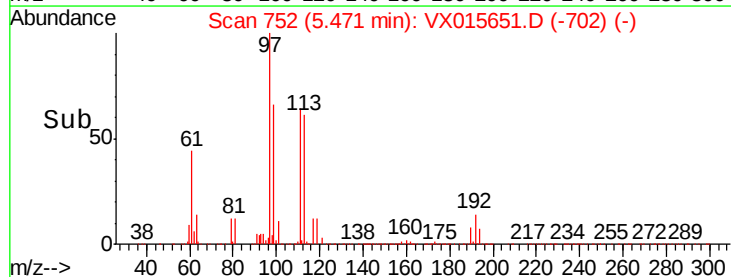
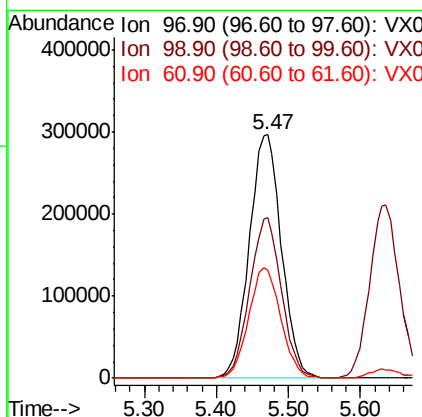
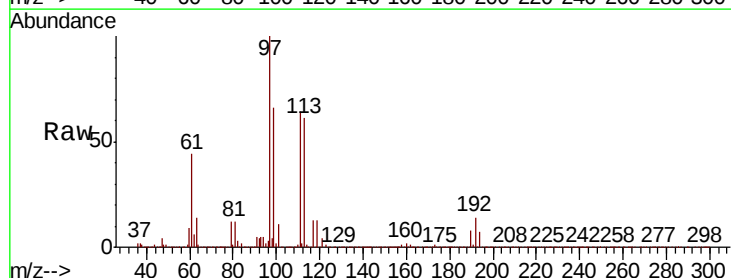
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

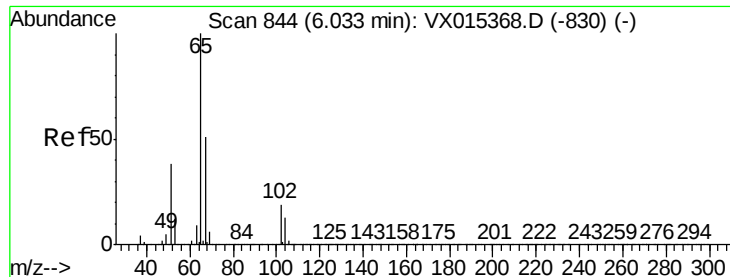
Tot Ion: 56 Resp: 893545
Ion Ratio Lower Upper
56 100
69 29.6 24.6 36.8
84 79.1 66.1 99.1



#32
1,1,1-Trichloroethane
Concen: 45.627 ug/l
RT: 5.47 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

Tgt Ion: 97 Resp: 920205
Ion Ratio Lower Upper
97 100
99 64.7 51.0 76.4
61 45.2 36.1 54.1

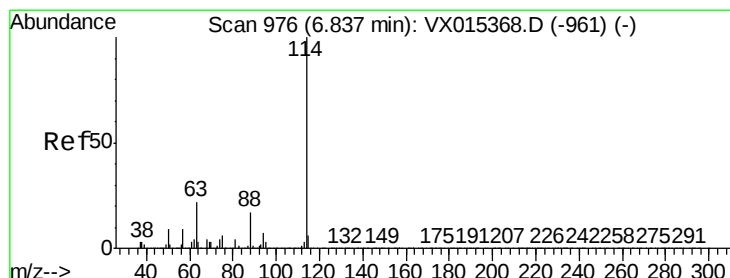
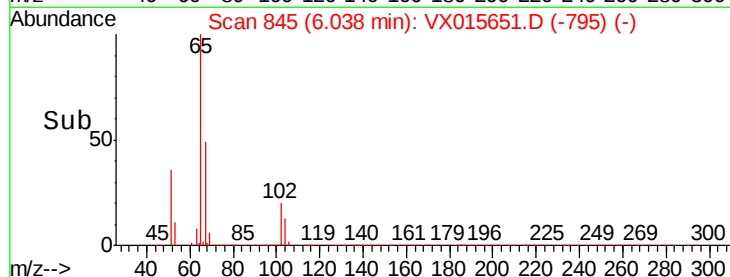
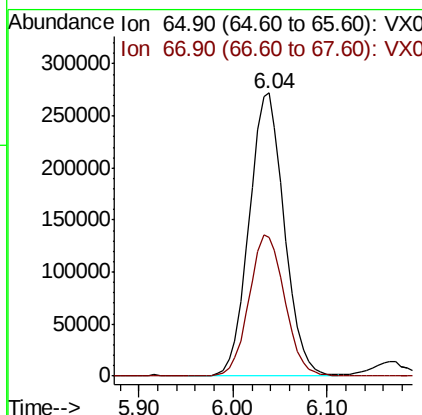
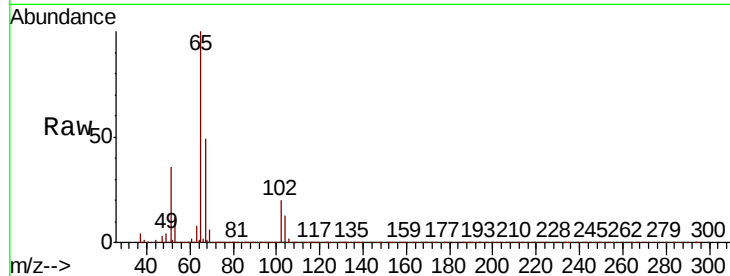




#33
 1,2-Dichloroethane-d4
 Concen: 44.790 ug/l
 RT: 6.04 min Scan# 845
 Delta R.T. 0.01 min
 Lab File: VX015651.D
 Acq: 13 Apr 2020 18:42

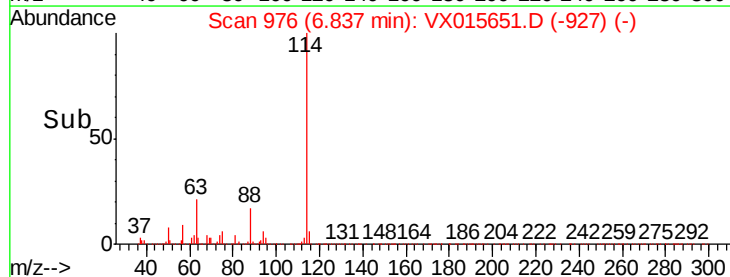
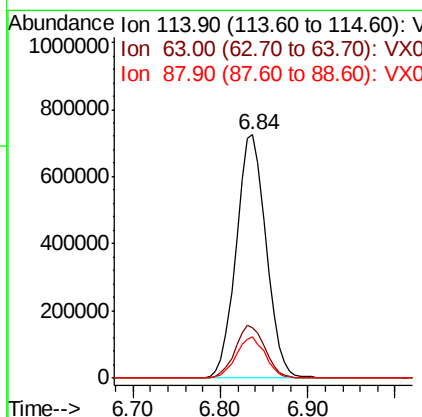
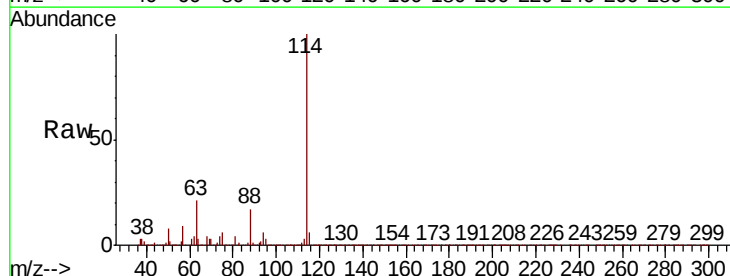
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

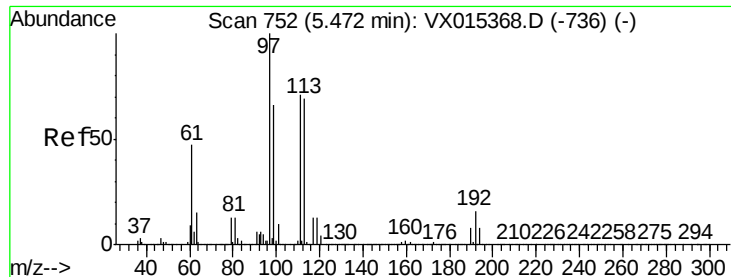
Tot Ion: 65 Resp: 710966
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: VX015651.D
 Acq: 13 Apr 2020 18:42

Tgt Ion: 114 Resp: 1728229
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 44.2
 88 16.7 0.0 33.8

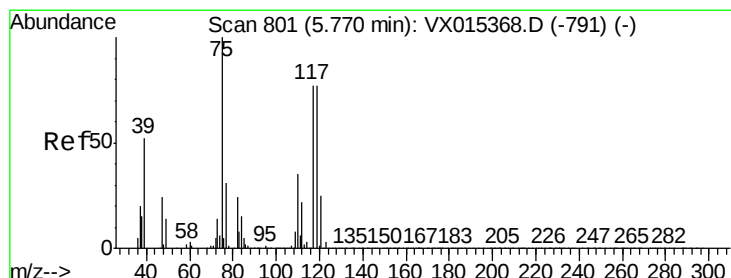
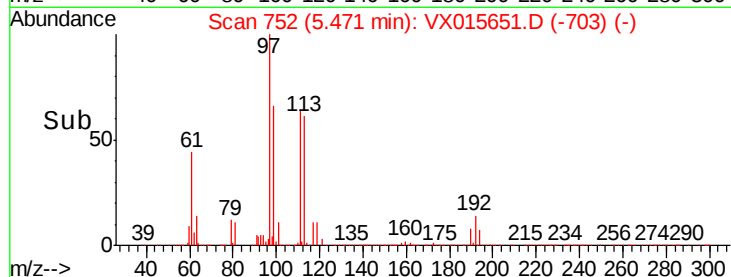
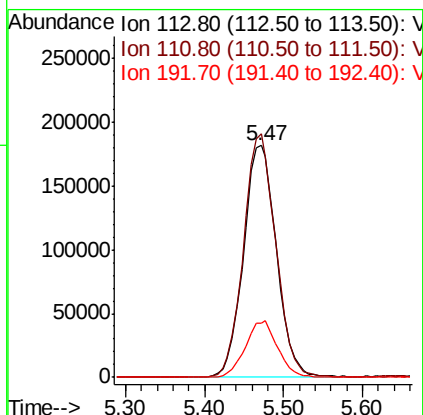
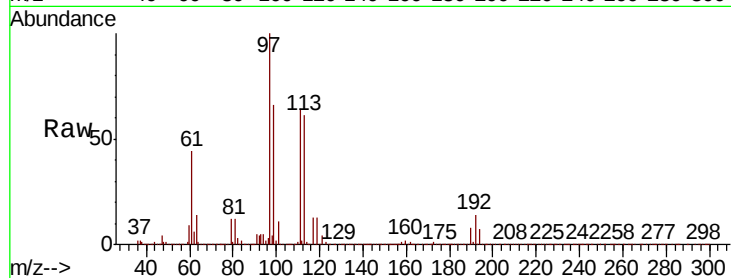




#35
 Dibromofluoromethane
 Concen: 47.818 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: VX015651.D
 Acq: 13 Apr 2020 18:42

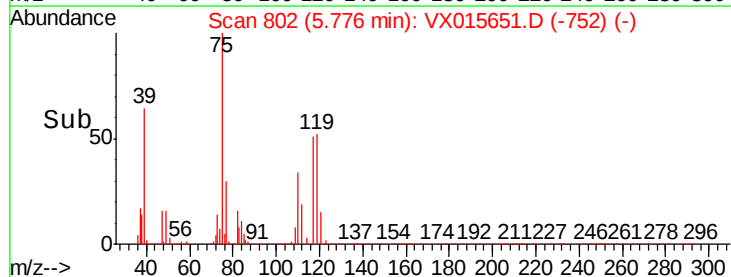
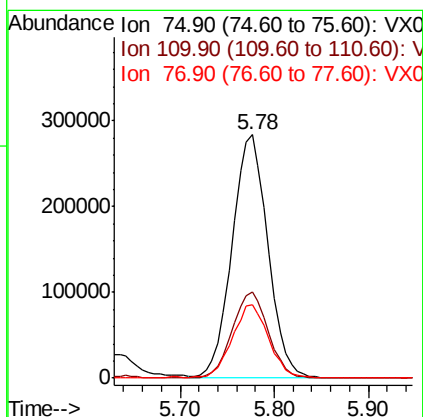
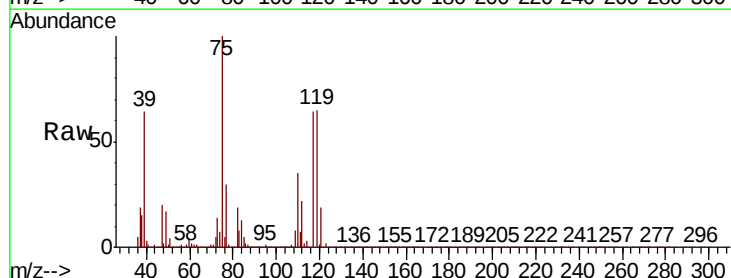
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

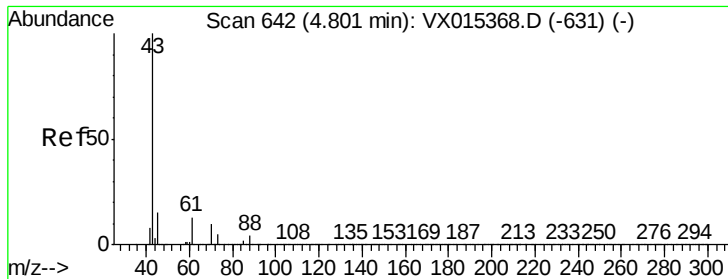
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.5	122.3
192	23.6	17.8	26.6



#36
 1,1-Dichloropropene
 Concen: 47.092 ug/l
 RT: 5.78 min Scan# 802
 Delta R.T. 0.01 min
 Lab File: VX015651.D
 Acq: 13 Apr 2020 18:42

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.8	17.1	51.3
77	30.3	24.6	36.8

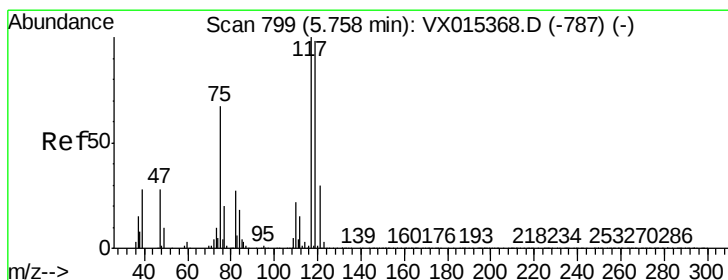
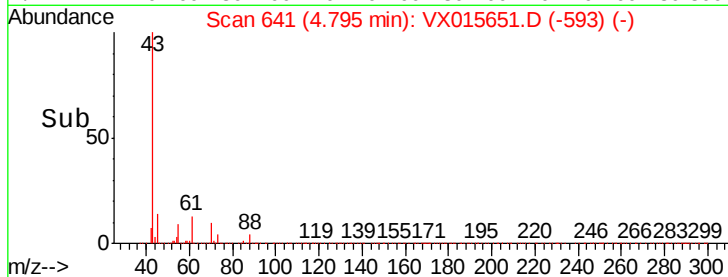
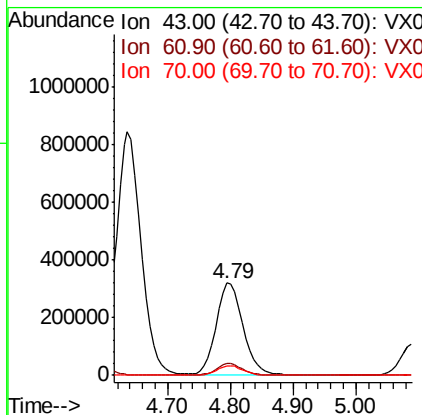
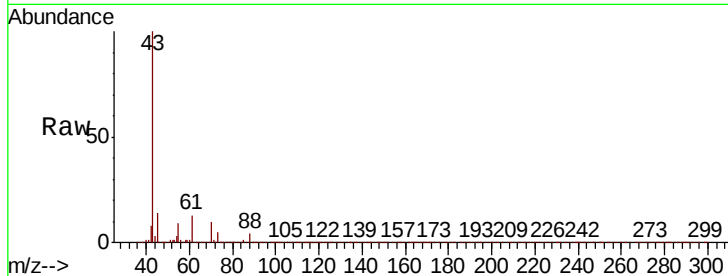




#37
Ethyl Acetate
Concen: 45.910 ug/l
RT: 4.79 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

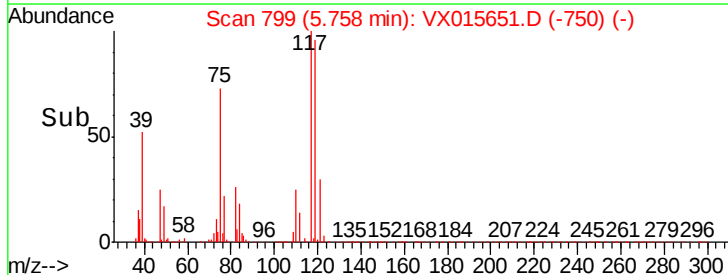
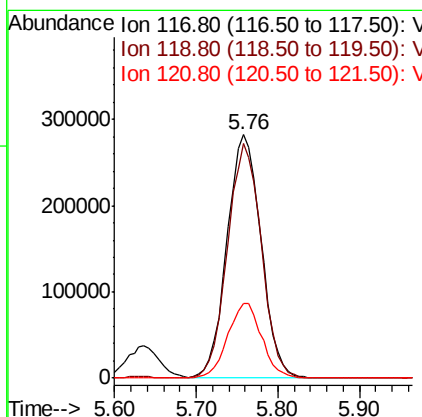
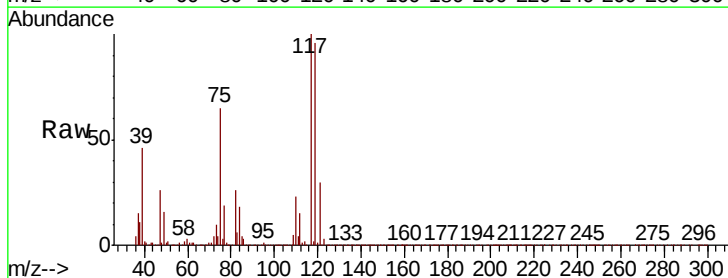
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

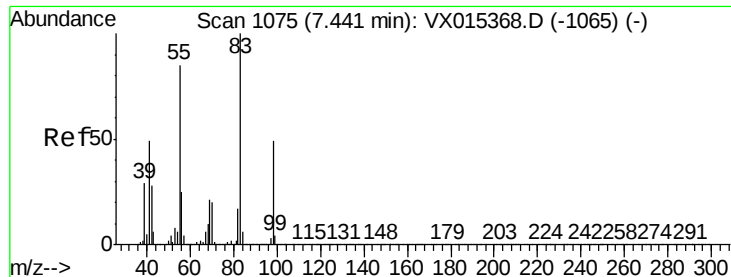
Tot Ion:	43	Resp:	951887
Ion	Ratio	Lower	Upper
43	100		
61	12.2	9.9	14.9
70	9.9	8.1	12.1



#38
Carbon Tetrachloride
Concen: 47.189 ug/l
RT: 5.76 min Scan# 799
Delta R.T. -0.00 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

Tgt Ion:	117	Resp:	813865
Ion	Ratio	Lower	Upper
117	100		
119	96.4	78.0	117.0
121	30.4	23.8	35.8

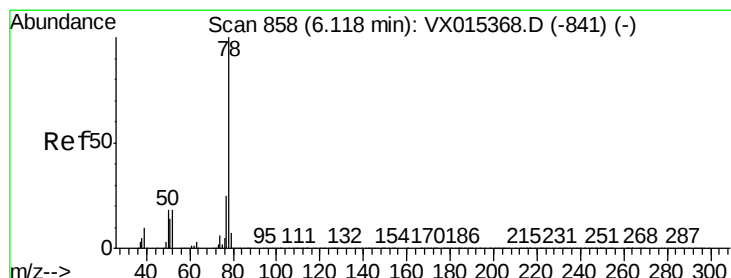
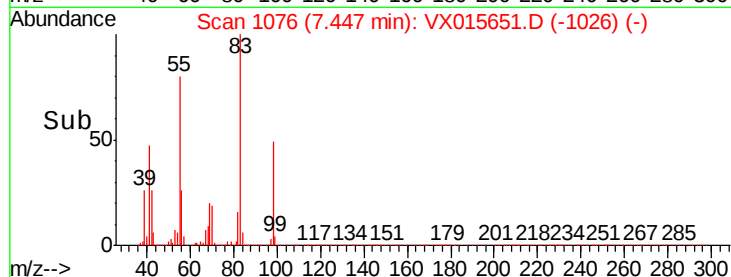
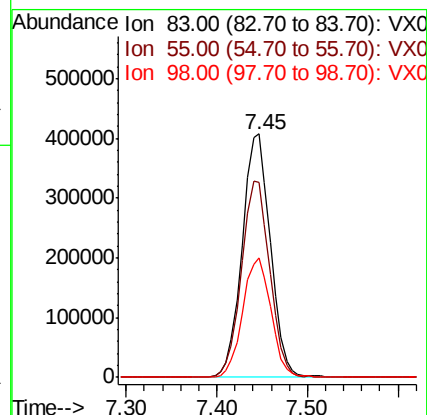
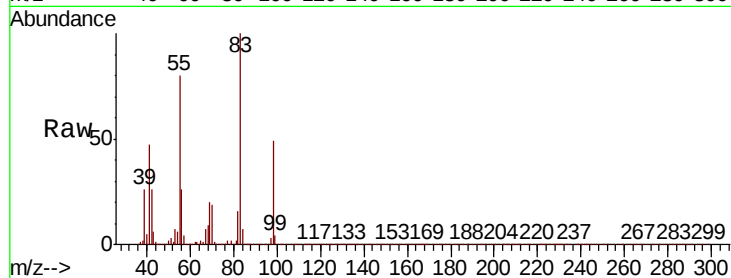




#39
Methvlcvclohexane
Concen: 47.906 ug/l
RT: 7.45 min Scan# 1076
Delta R.T. 0.01 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

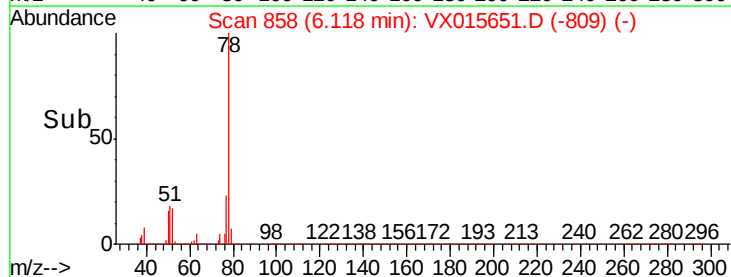
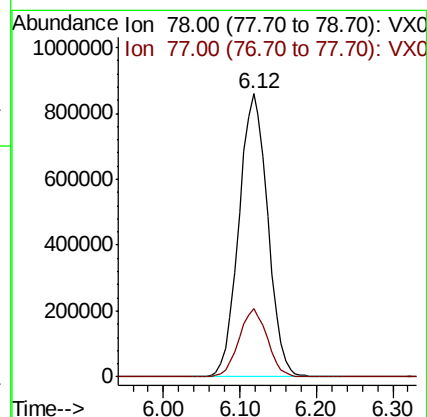
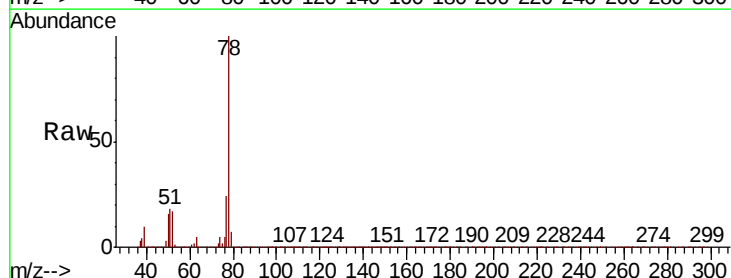
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

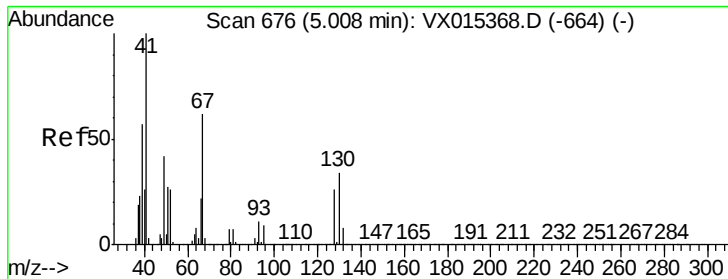
Tot Ion: 83 Resp: 879552
Ion Ratio Lower Upper
83 100
55 80.2 67.8 101.6
98 48.9 39.3 58.9



#40
Benzene
Concen: 48.147 ug/l
RT: 6.12 min Scan# 858
Delta R.T. -0.00 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

Tgt Ion: 78 Resp: 2245797
Ion Ratio Lower Upper
78 100
77 23.9 19.8 29.8





#41

Methacrylonitrile

Concen: 47.951 ug/l

RT: 5.01 min Scan# 676

Delta R.T. -0.00 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 551901

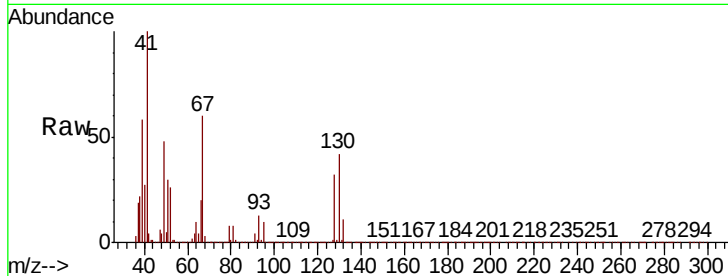
Ion Ratio Lower Upper

41 100

39 55.7 44.5 66.7

67 62.3 48.9 73.3

52 26.2 21.8 32.6

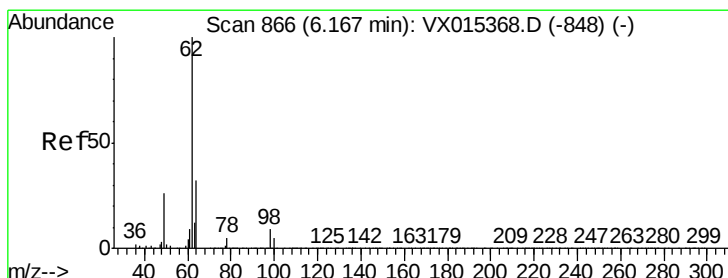
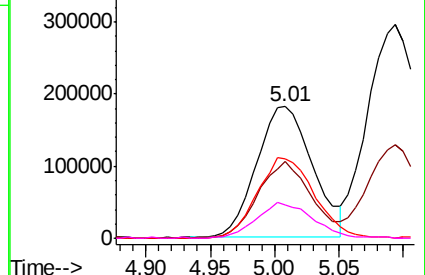
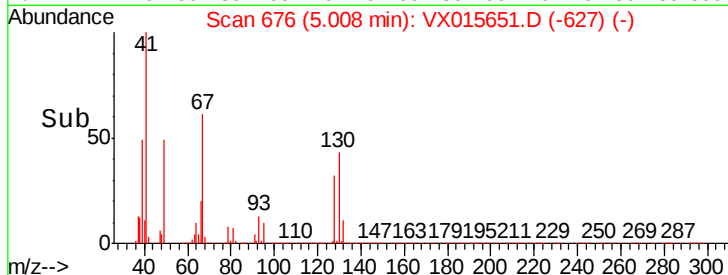


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 47.930 ug/l

RT: 6.17 min Scan# 866

Delta R.T. -0.00 min

Lab File: VX015651.D

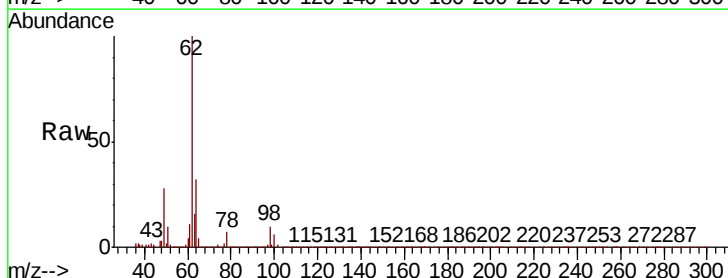
Acq: 13 Apr 2020 18:42

Tgt Ion: 62 Resp: 898032

Ion Ratio Lower Upper

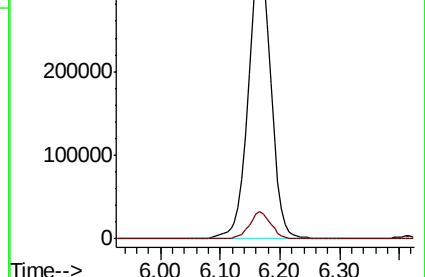
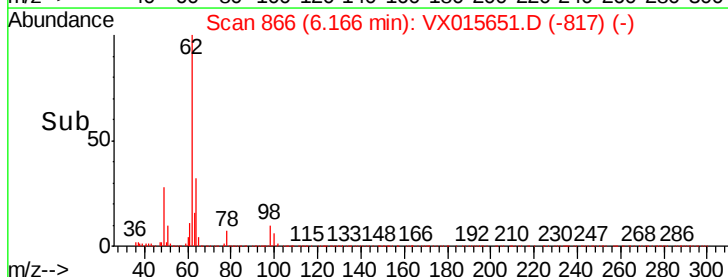
62 100

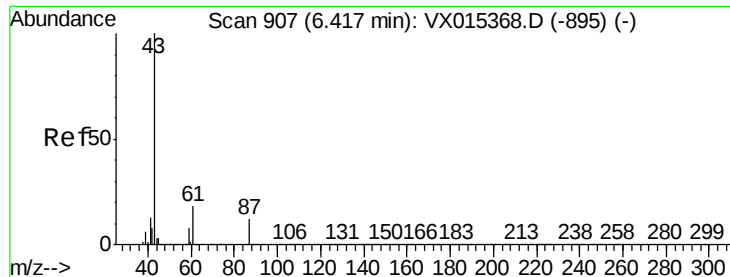
98 9.2 0.0 17.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





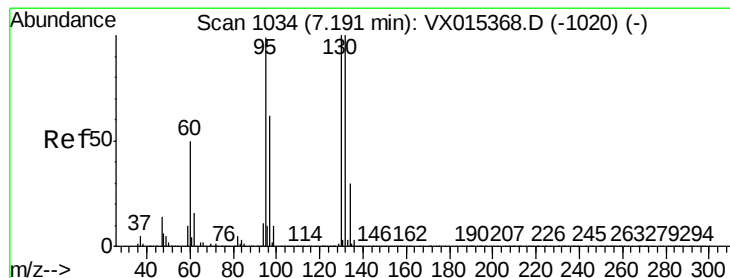
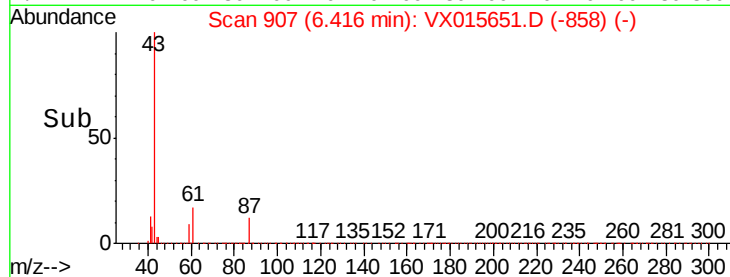
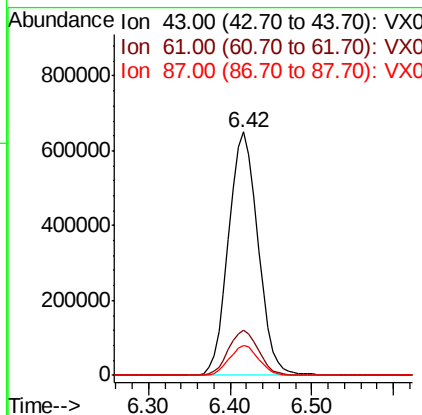
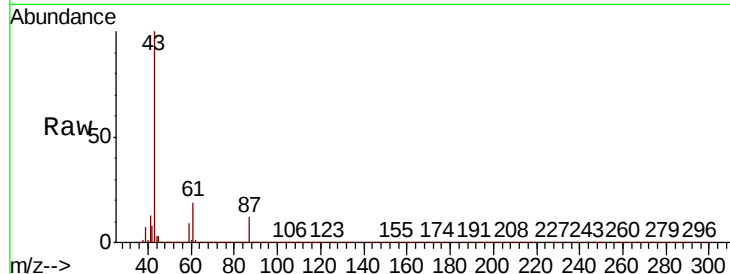
#43

Isopropyl Acetate
 Concen: 46.196 ug/l
 RT: 6.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: VX015651.D
 Acq: 13 Apr 2020 18:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1616907

Ion	Ratio	Lower	Upper
43	100		
61	18.7	14.8	22.2
87	12.2	9.4	14.0

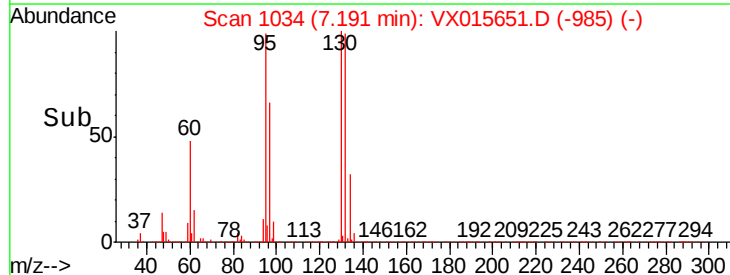
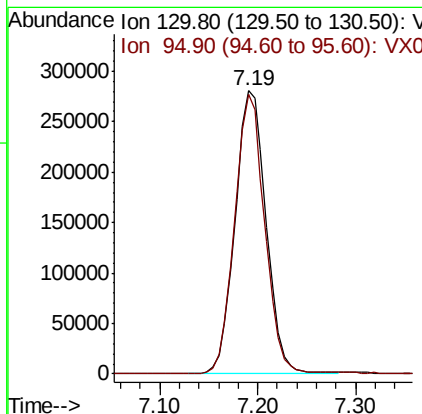
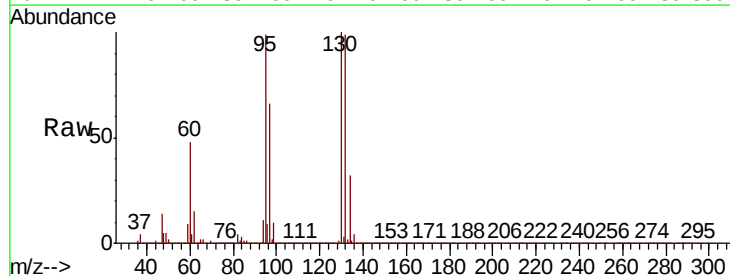


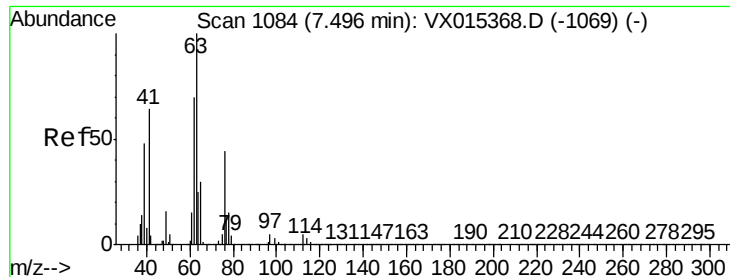
#44

Trichloroethene
 Concen: 48.576 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VX015651.D
 Acq: 13 Apr 2020 18:42

Tgt Ion: 130 Resp: 617949

Ion	Ratio	Lower	Upper
130	100		
95	98.5	0.0	199.0

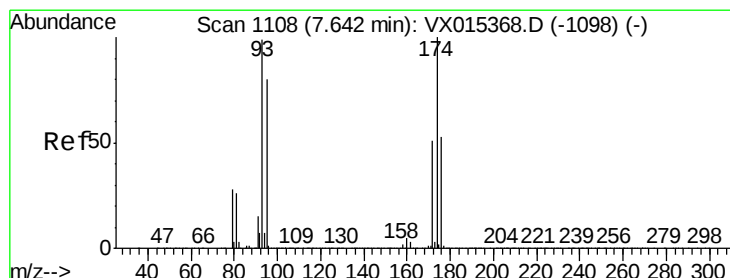
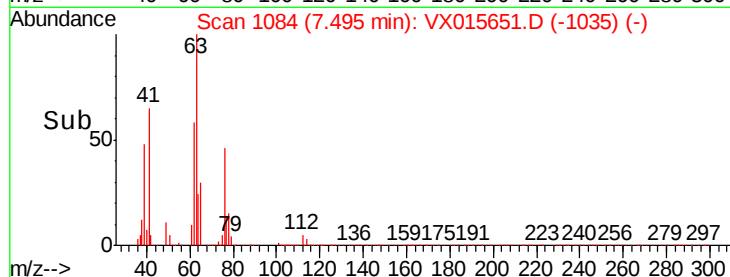
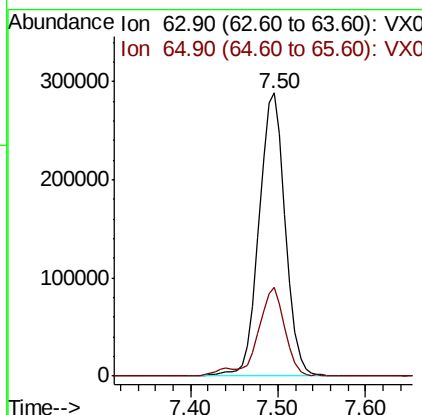
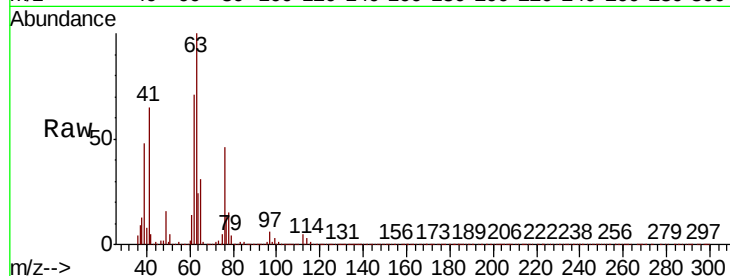




#45
 1,2-Dichloropropane
 Concen: 46.995 ug/l
 RT: 7.50 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: VX015651.D
 Acq: 13 Apr 2020 18:42

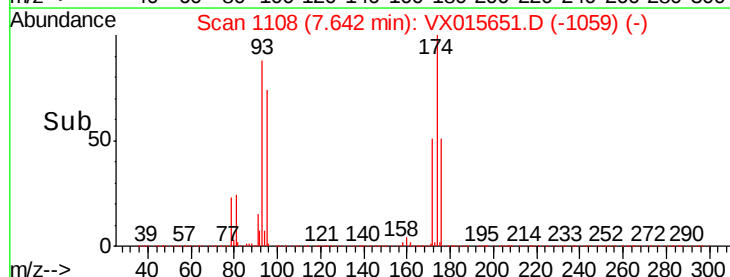
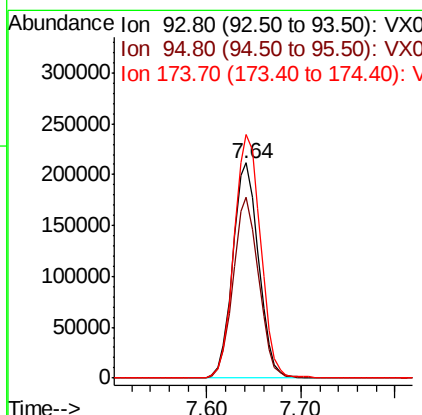
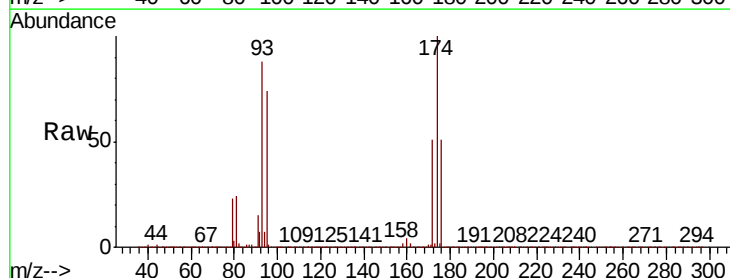
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

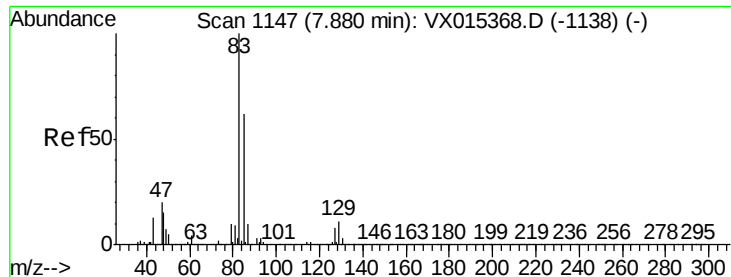
Tot Ion: 63 Resp: 599669
 Ion Ratio Lower Upper
 63 100
 65 31.2 23.9 35.9



#46
 Dibromomethane
 Concen: 48.209 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. -0.00 min
 Lab File: VX015651.D
 Acq: 13 Apr 2020 18:42

Tgt Ion: 93 Resp: 403525
 Ion Ratio Lower Upper
 93 100
 95 83.5 65.8 98.8
 174 116.6 86.2 129.2





#47

Bromodichloromethane

Concen: 47.305 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. -0.00 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

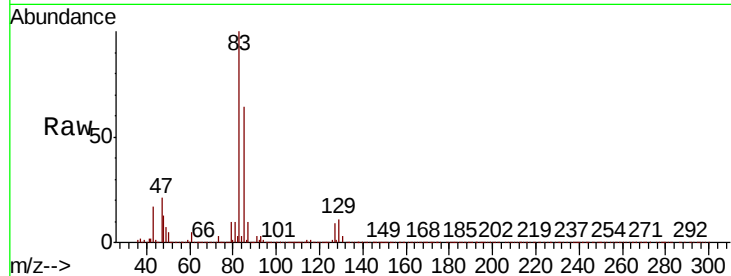
Tot Ion: 83 Resp: 843715

Ion Ratio Lower Upper

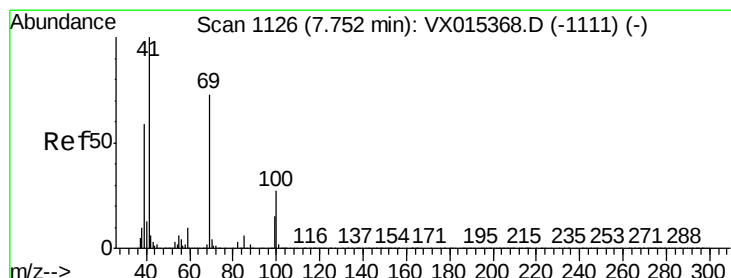
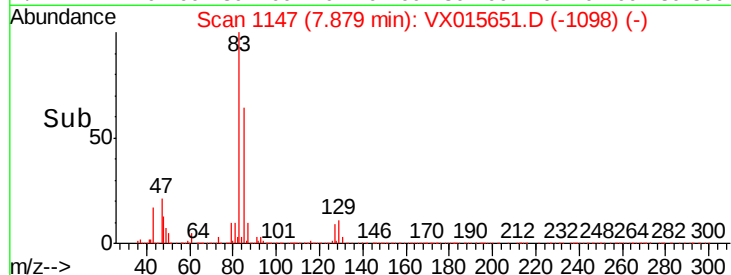
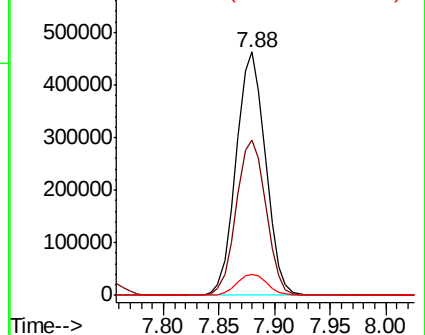
83 100

85 63.6 49.7 74.5

127 8.6 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 46.388 ug/l

RT: 7.75 min Scan# 1126

Delta R.T. -0.00 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

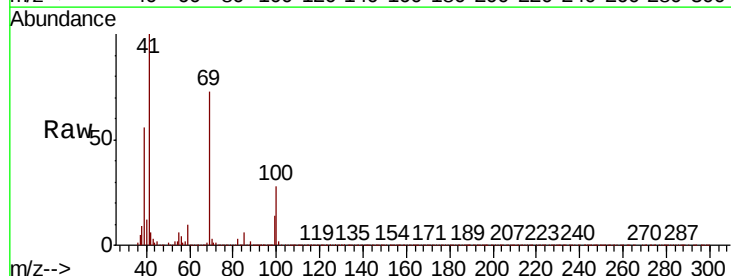
Tgt Ion: 41 Resp: 810987

Ion Ratio Lower Upper

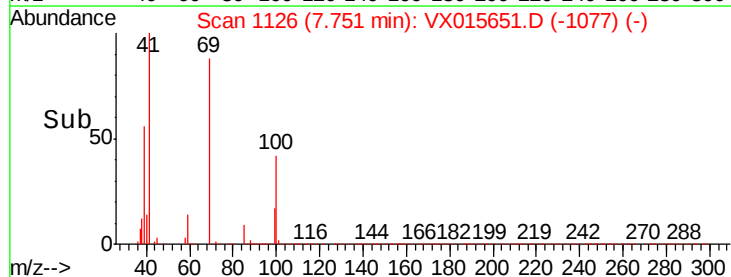
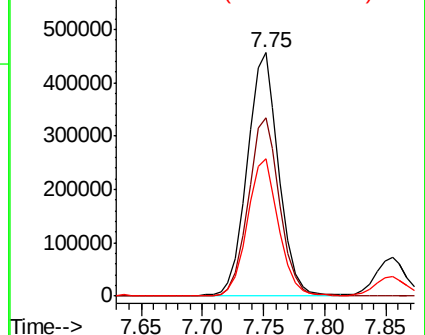
41 100

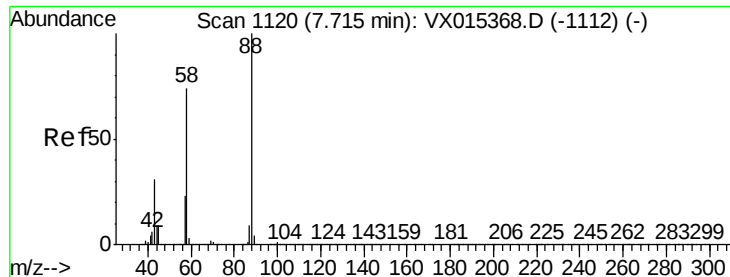
69 73.1 56.7 85.1

39 55.9 46.5 69.7



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 774.018 ug/l

RT: 7.71 min Scan# 1120

Delta R.T. -0.00 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

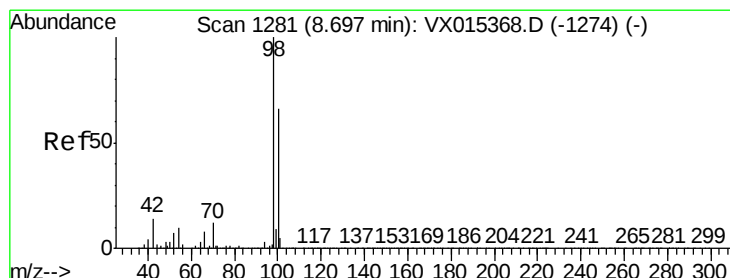
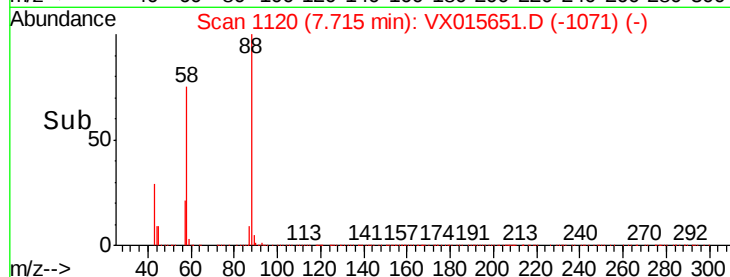
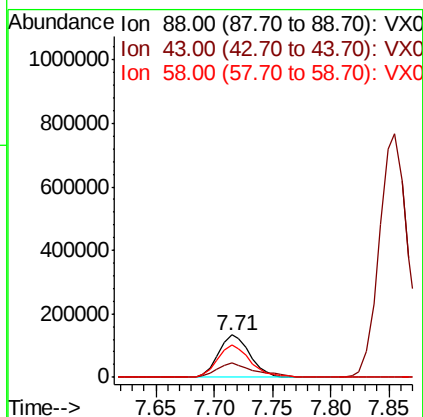
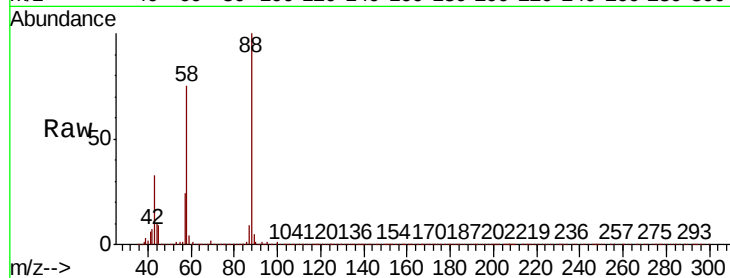
Tot Ion: 88 Resp: 252435

Ion Ratio Lower Upper

88 100

43 39.2 30.1 45.1

58 77.1 60.6 90.8



#50

Toluene-d8

Concen: 47.560 ug/l

RT: 8.70 min Scan# 1282

Delta R.T. 0.01 min

Lab File: VX015651.D

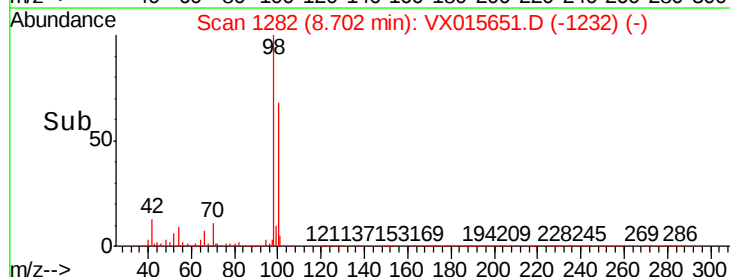
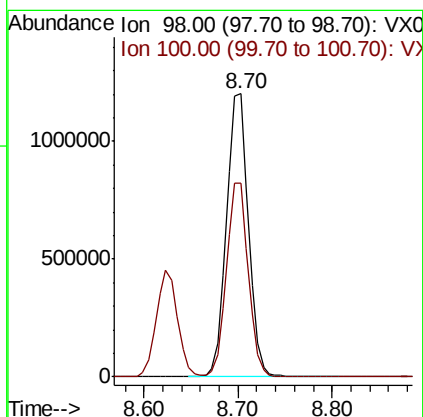
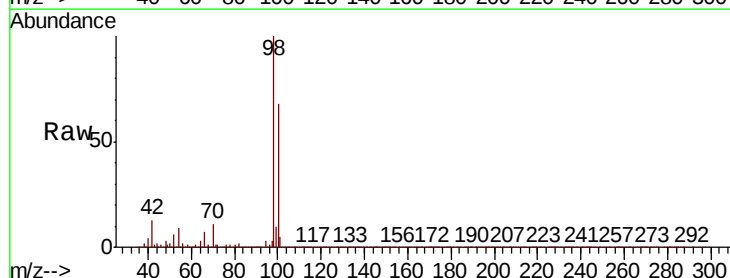
Acq: 13 Apr 2020 18:42

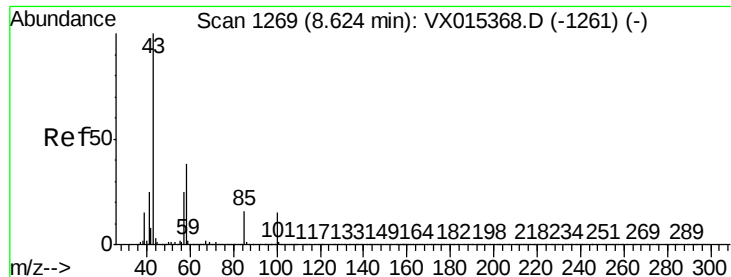
Tgt Ion: 98 Resp: 1934409

Ion Ratio Lower Upper

98 100

100 68.2 53.5 80.3

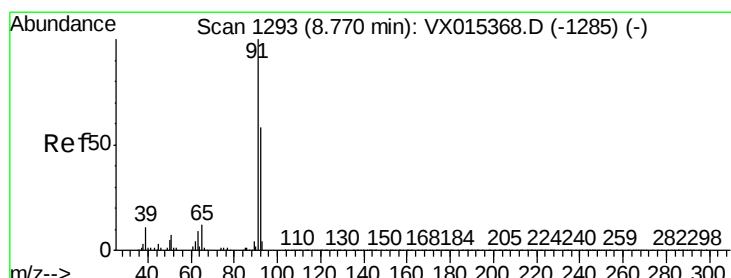
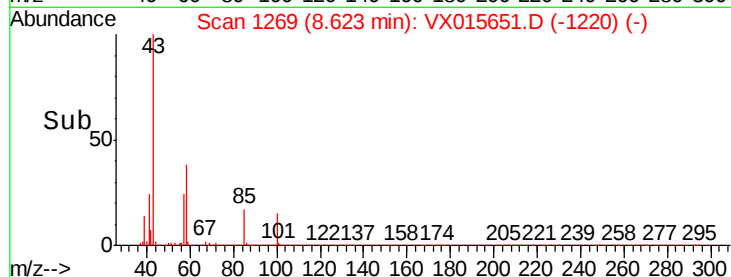
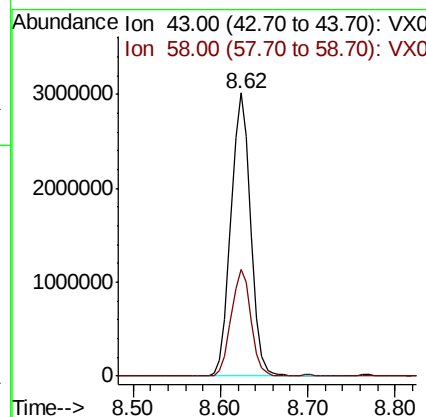
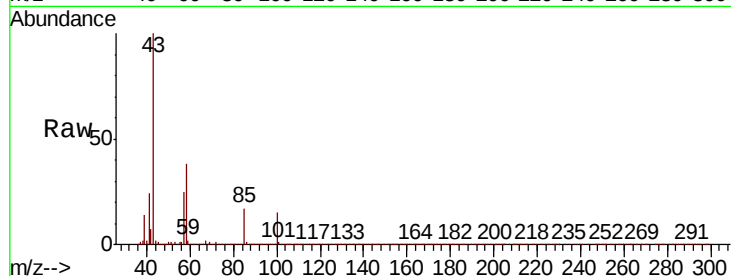




#51
4-Methyl-2-Pentanone
Concen: 238.268 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

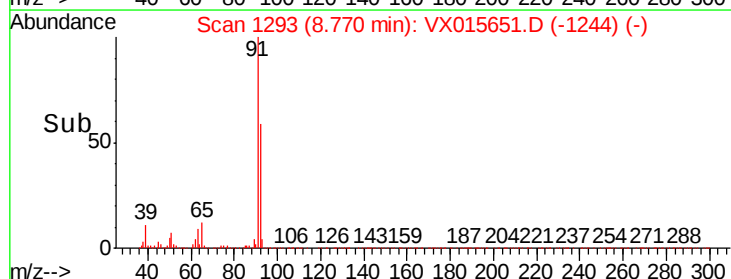
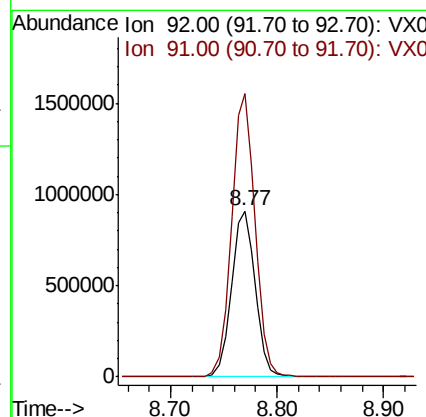
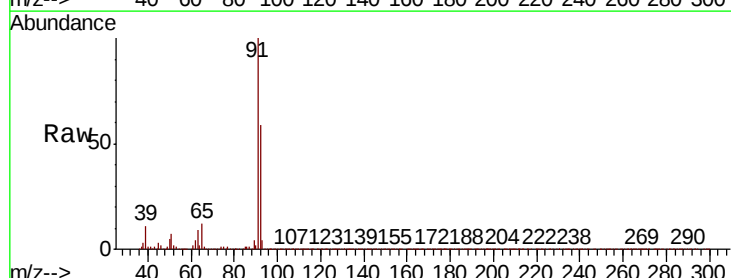
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

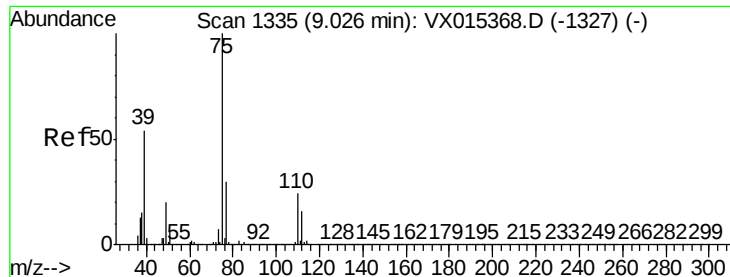
Tot Ion: 43 Resp: 4726209
Ion Ratio Lower Upper
43 100
58 37.5 29.7 44.5



#52
Toluene
Concen: 49.151 ug/l
RT: 8.77 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

Tgt Ion: 92 Resp: 1413478
Ion Ratio Lower Upper
92 100
91 169.1 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 46.085 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

Instrument :

MSVOA_X

ClientSampleId :

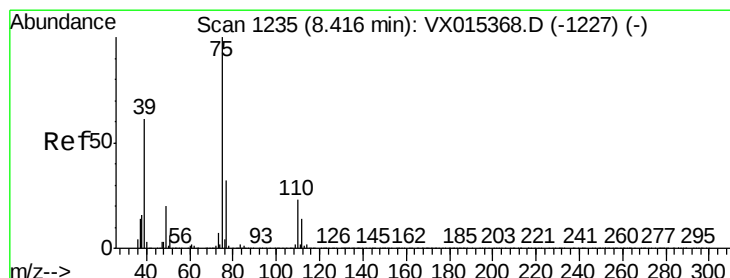
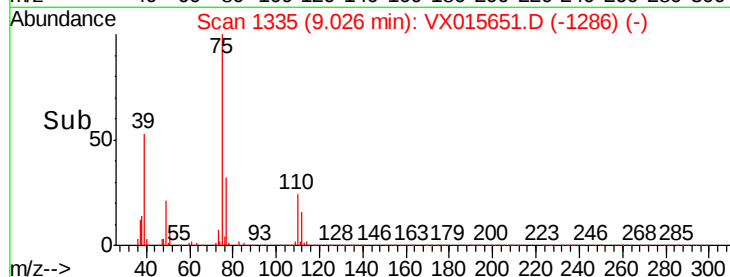
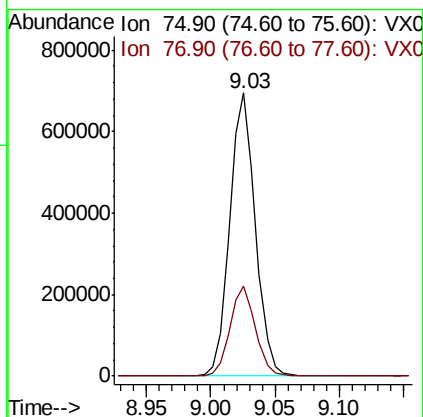
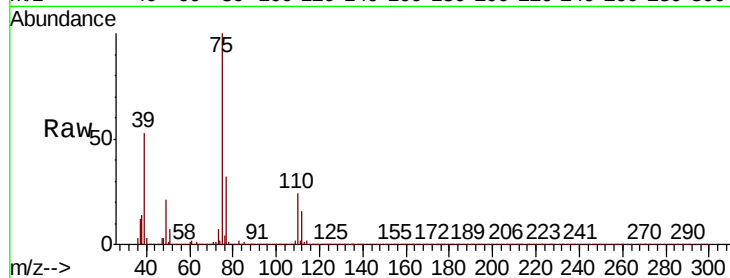
VSTDCCC050EC

Tot Ion: 75 Resp: 963999

Ion Ratio Lower Upper

75 100

77 31.6 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 47.563 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

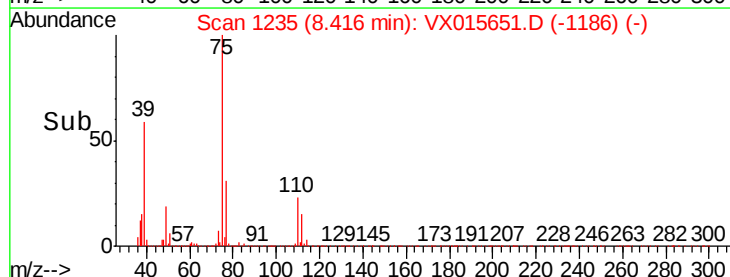
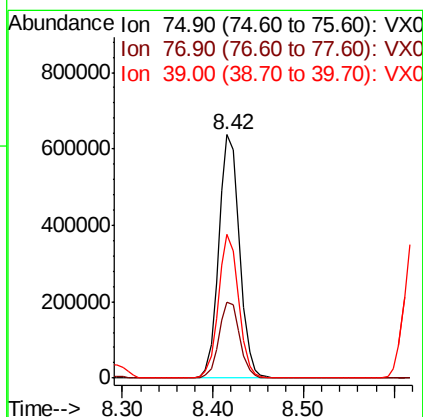
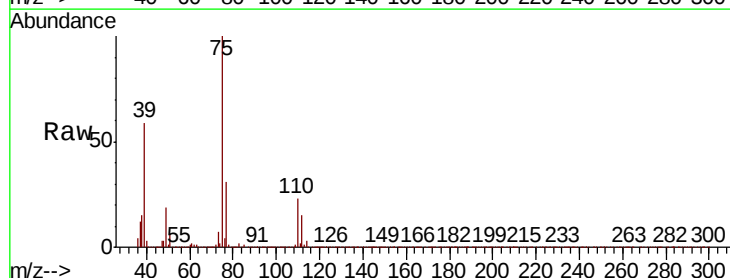
Tgt Ion: 75 Resp: 1013497

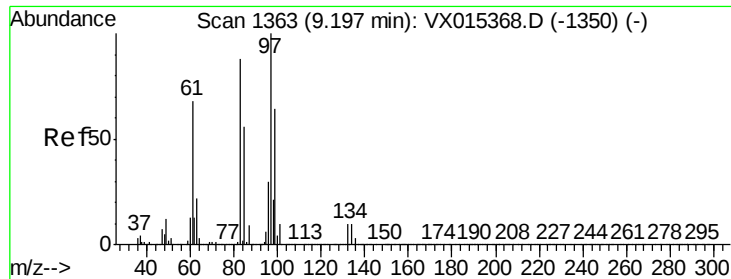
Ion Ratio Lower Upper

75 100

77 31.1 25.8 38.6

39 58.8 49.0 73.4





#55

1,1,2-Trichloroethane

Concen: 50.432 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 594194

Ion	Ratio	Lower	Upper
97	100		
83	87.2	70.2	105.4
85	54.4	44.7	67.1
99	60.8	51.1	76.7

Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

600000

500000

400000

300000

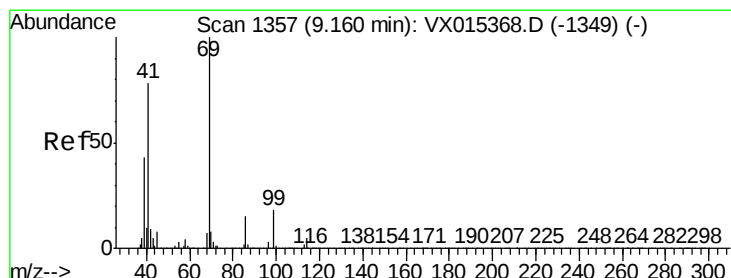
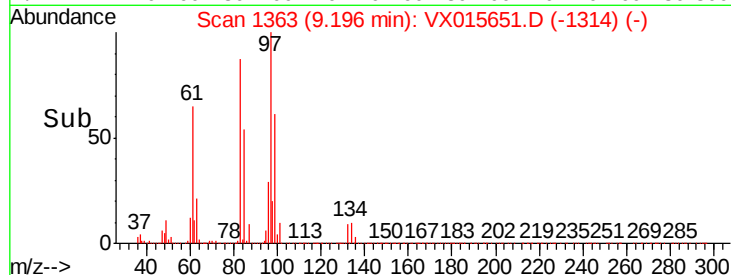
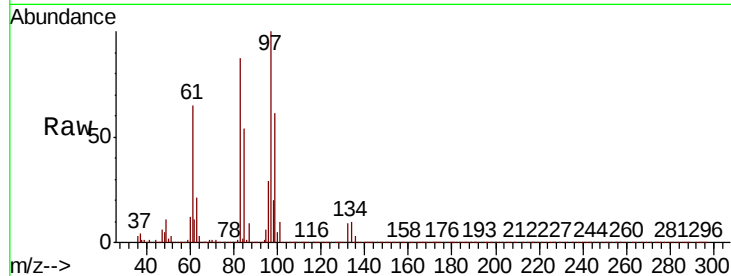
200000

100000

0

9.10 9.20 9.30

Time-->



#56

Ethyl methacrylate

Concen: 47.793 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.00 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

Tgt Ion: 69 Resp: 992399

Ion	Ratio	Lower	Upper
69	100		
41	75.0	61.6	92.4
39	40.6	34.0	51.0

Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

1000000

800000

600000

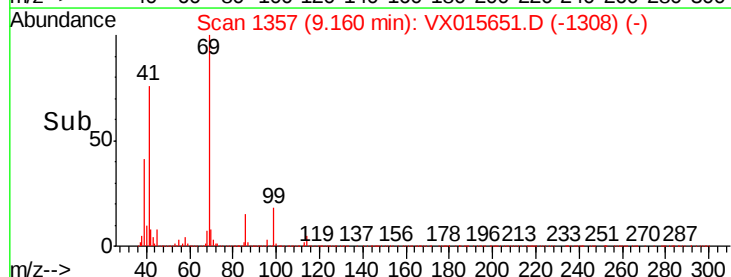
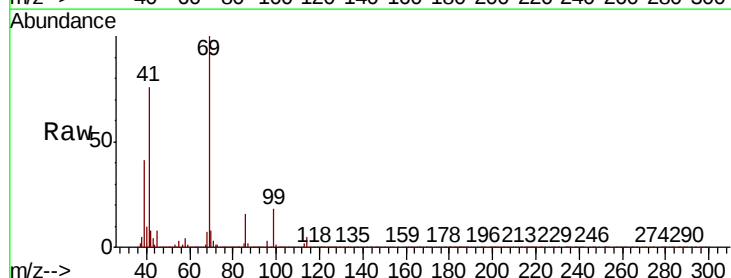
400000

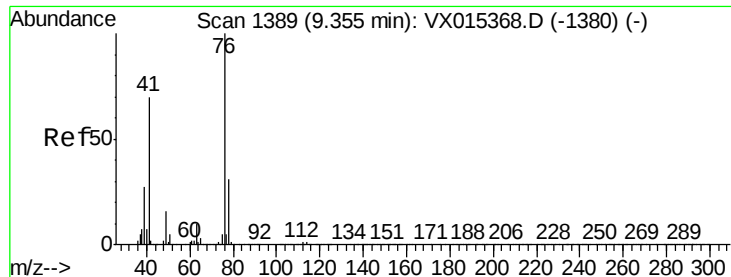
200000

0

9.10 9.20 9.30

Time-->





#57

1,3-Dichloropropane

Concen: 47.823 ug/l

RT: 9.35 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

Instrument :

MSVOA_X

ClientSampleId :

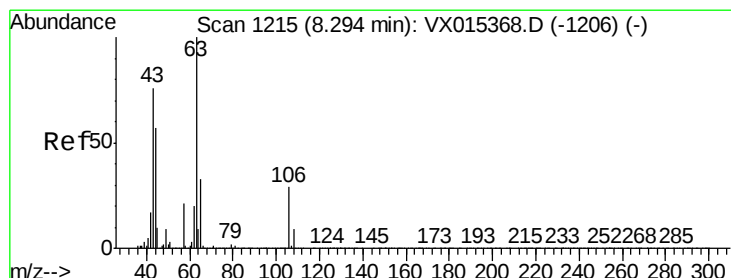
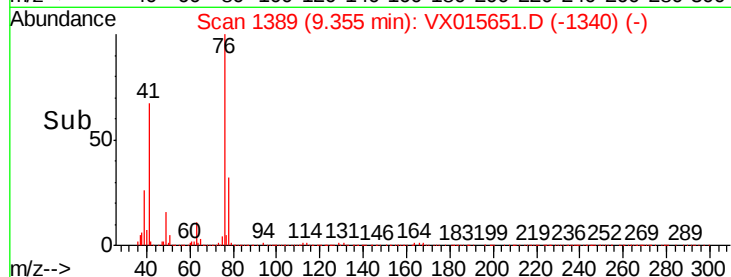
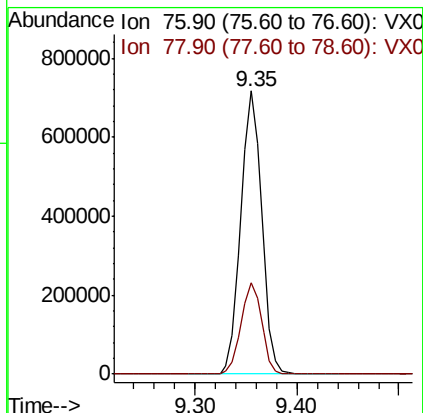
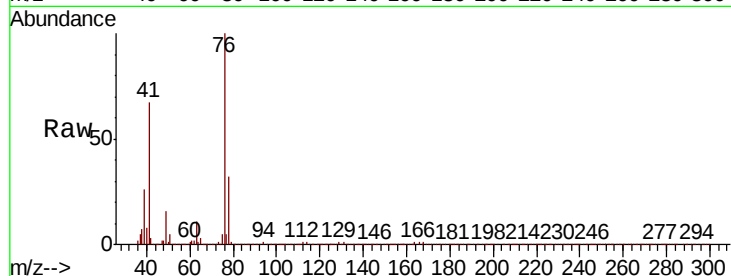
VSTDCCC050EC

Tot Ion: 76 Resp: 1015178

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 233.332 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. -0.00 min

Lab File: VX015651.D

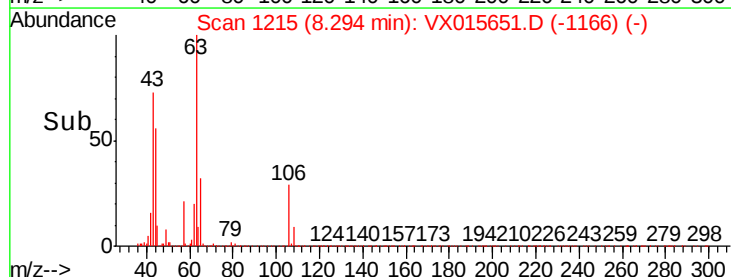
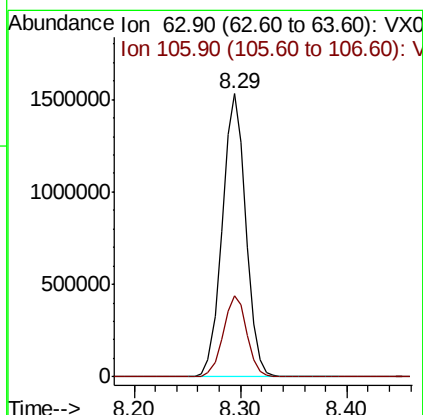
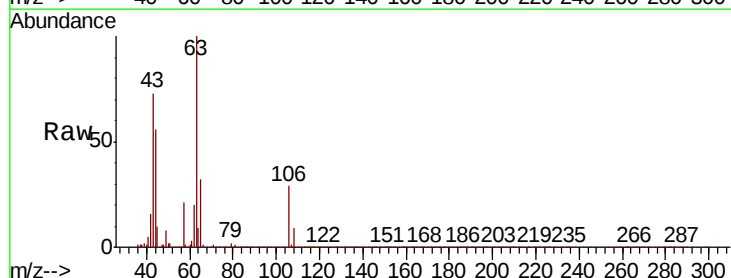
Acq: 13 Apr 2020 18:42

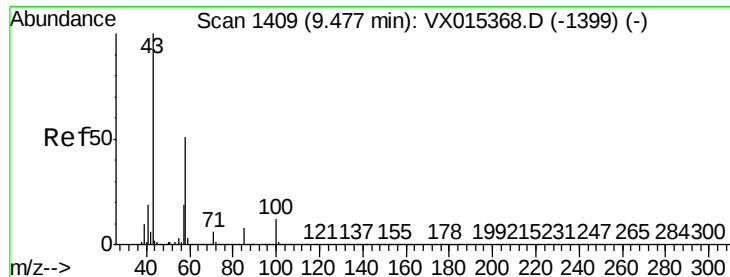
Tgt Ion: 63 Resp: 2356656

Ion Ratio Lower Upper

63 100

106 28.8 22.7 34.1

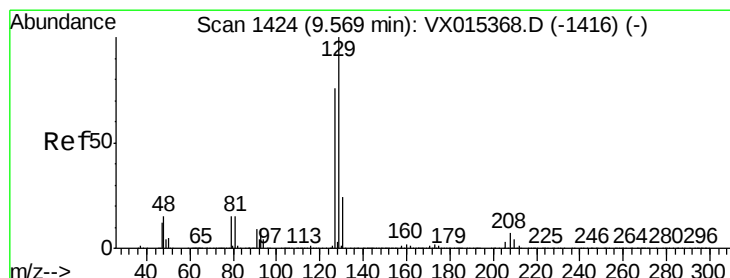
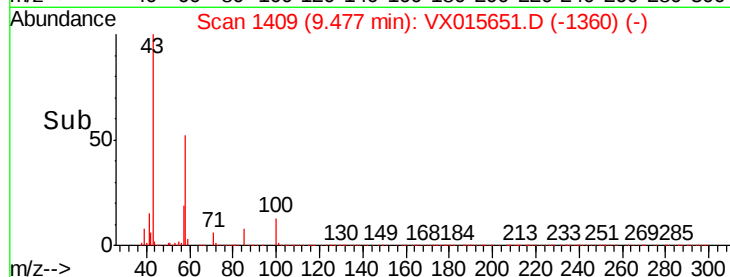
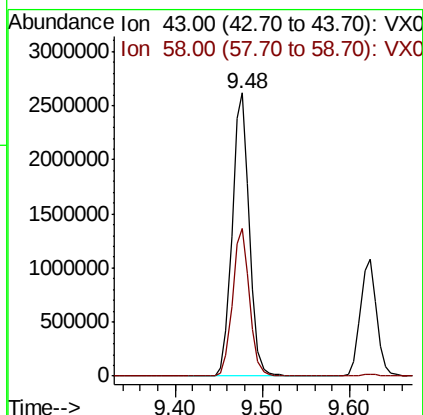
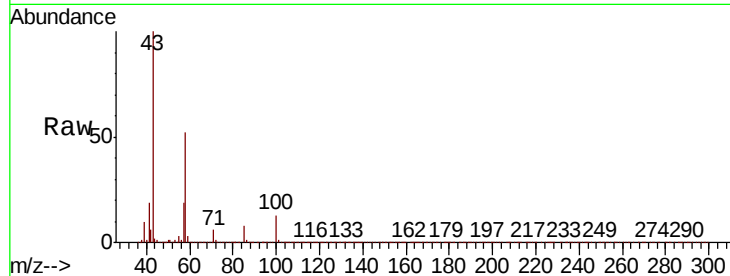




#59
2-Hexanone
Concen: 238.724 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

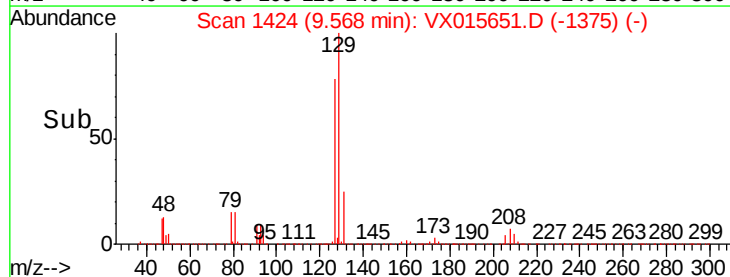
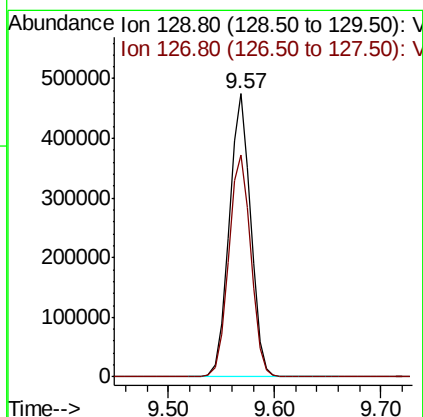
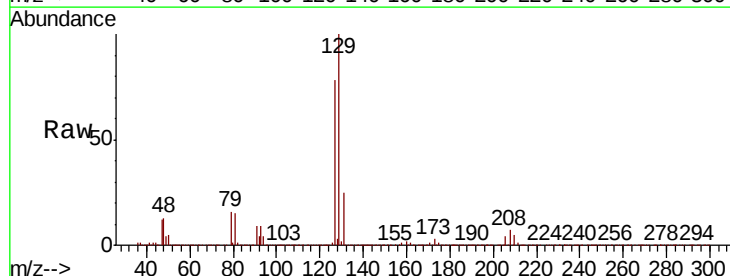
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

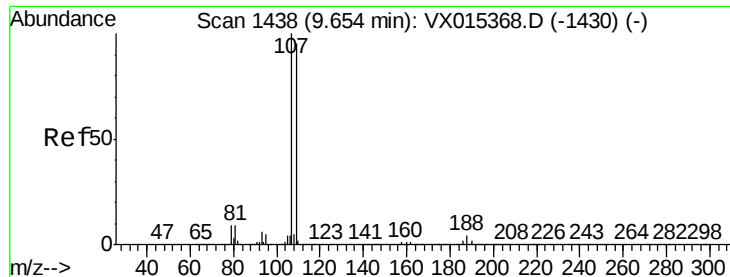
Tot Ion: 43 Resp: 3575021
Ion Ratio Lower Upper
43 100
58 52.0 25.6 76.6



#60
Dibromochloromethane
Concen: 47.411 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. -0.00 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

Tgt Ion:129 Resp: 671237
Ion Ratio Lower Upper
129 100
127 80.8 38.2 114.6





#61

1,2-Dibromoethane

Concen: 48.073 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. -0.00 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

Instrument :

MSVOA_X

ClientSampleId :

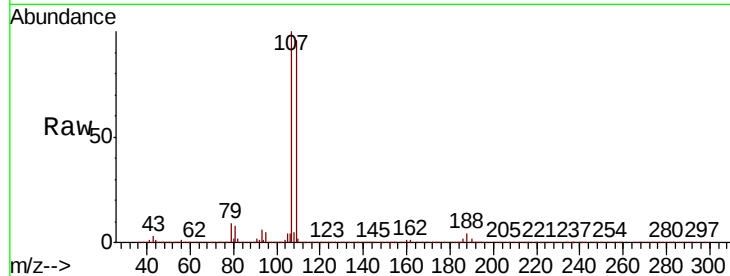
VSTDCCC050EC

Tot Ion:107 Resp: 615881

Ion Ratio Lower Upper

107 100

109 96.1 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

400000

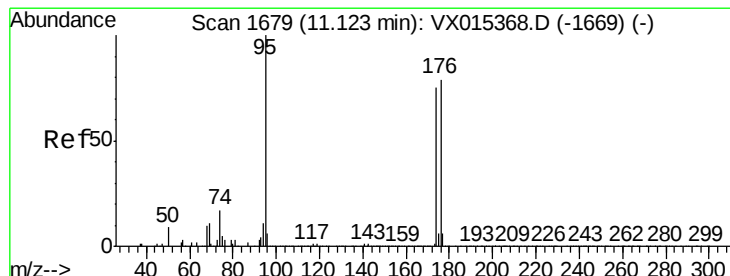
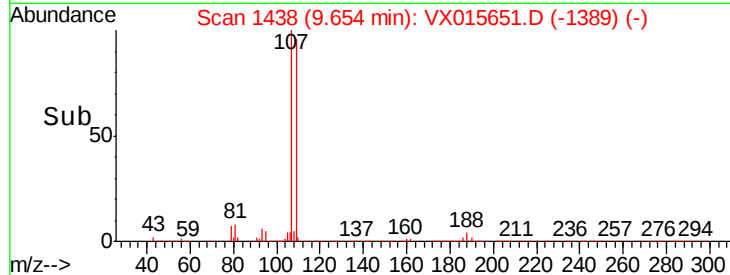
300000

200000

100000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 47.721 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

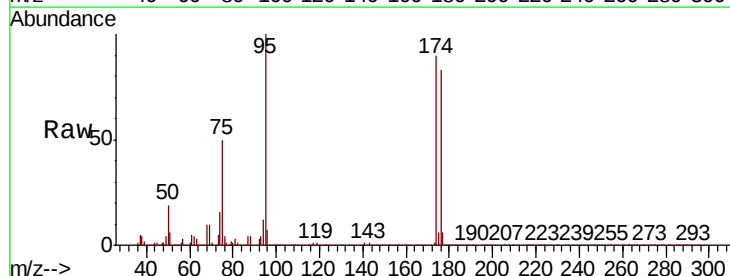
Tgt Ion: 95 Resp: 788819

Ion Ratio Lower Upper

95 100

174 87.2 0.0 158.6

176 85.1 0.0 159.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

800000

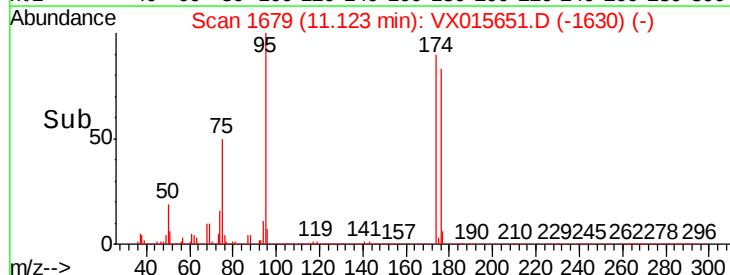
600000

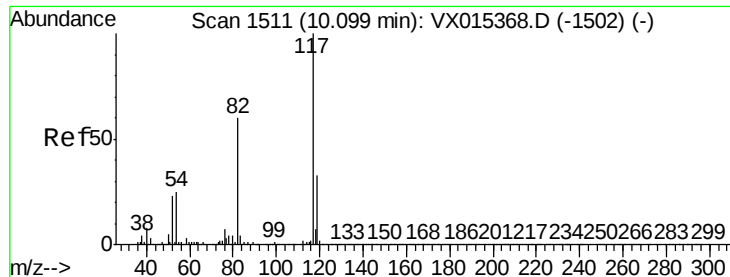
400000

200000

0

Time--> 11.10 11.20

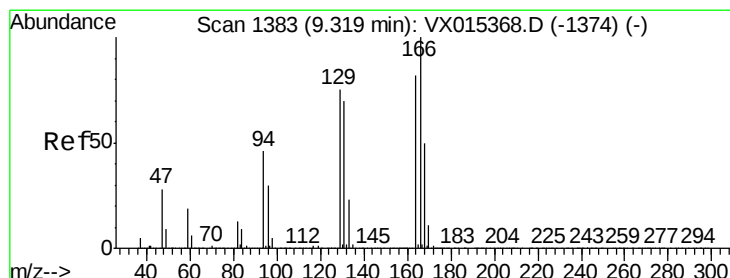
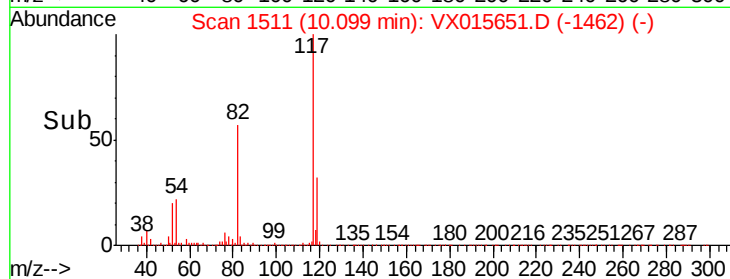
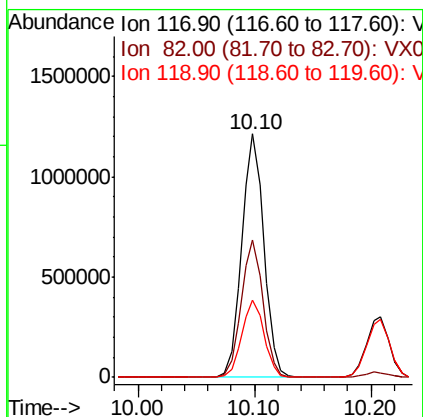
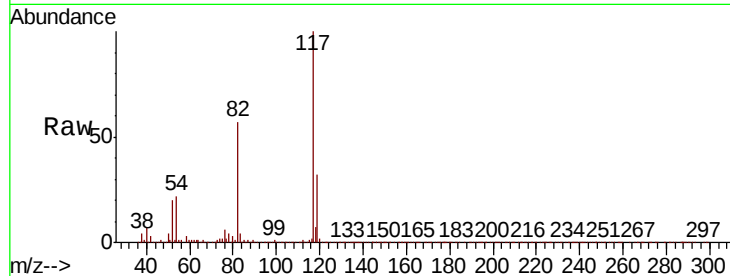




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

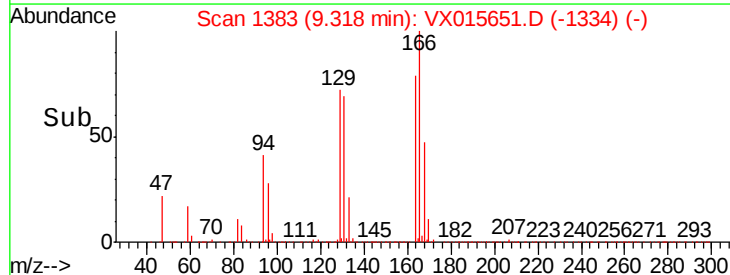
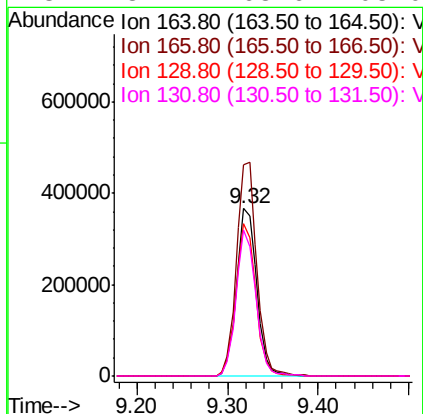
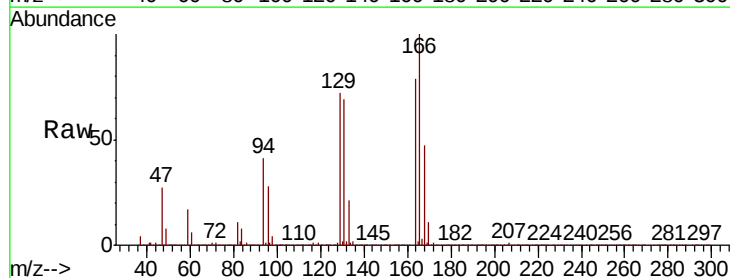
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

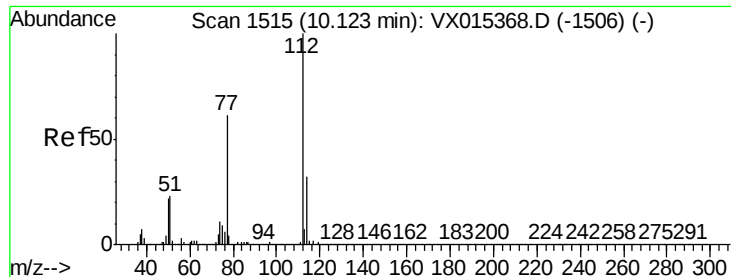
Tot Ion:117 Resp: 1606858
Ion Ratio Lower Upper
117 100
82 56.6 47.8 71.8
119 31.9 26.8 40.2



#64
Tetrachloroethene
Concen: 46.854 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

Tgt Ion:164 Resp: 568183
Ion Ratio Lower Upper
164 100
166 126.2 97.8 146.6
129 90.9 73.0 109.4
131 87.2 68.6 103.0

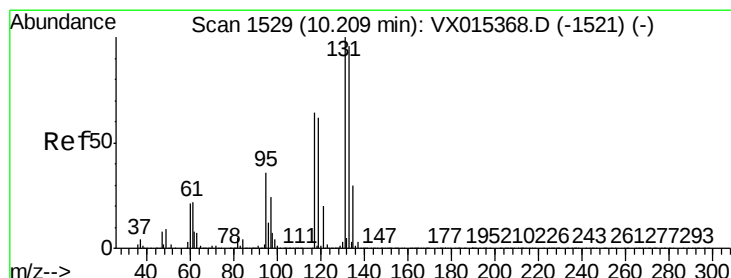
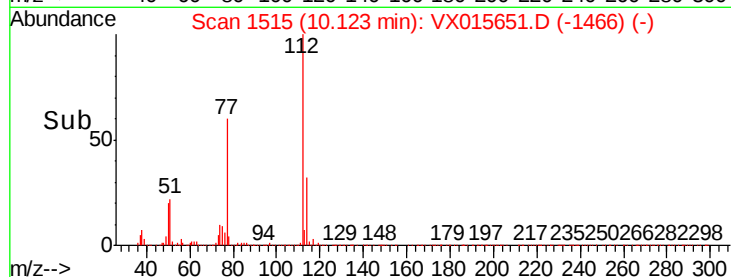
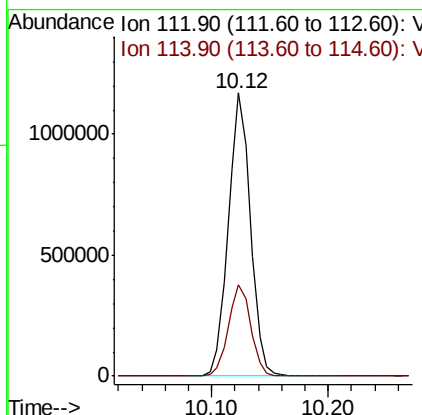
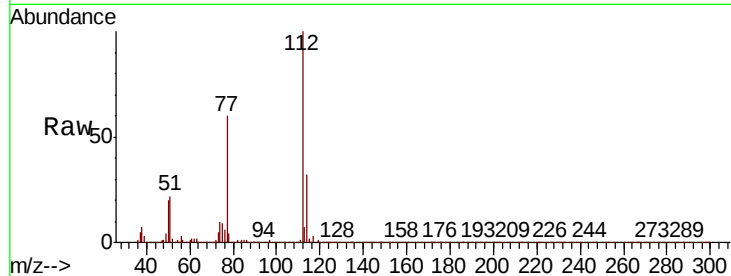




#65
Chlorobenzene
Concen: 48.153 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. -0.00 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

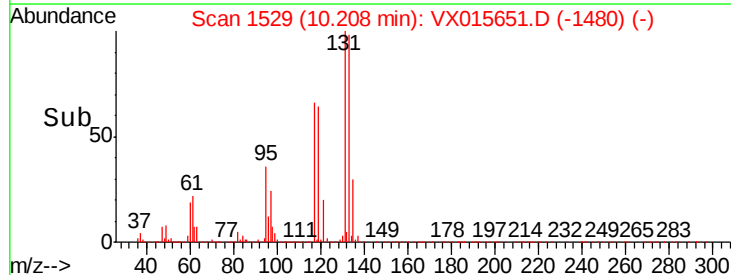
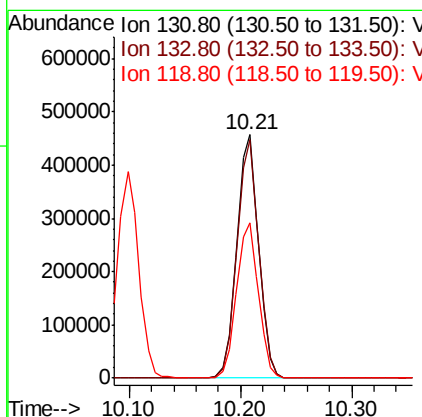
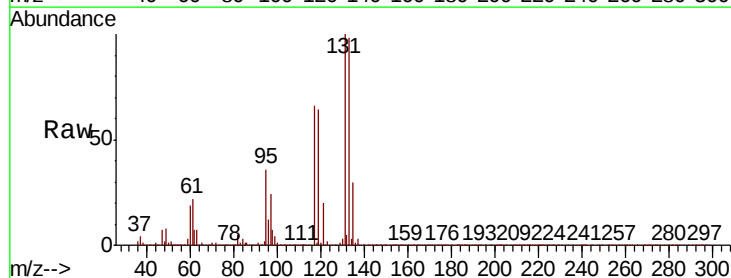
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

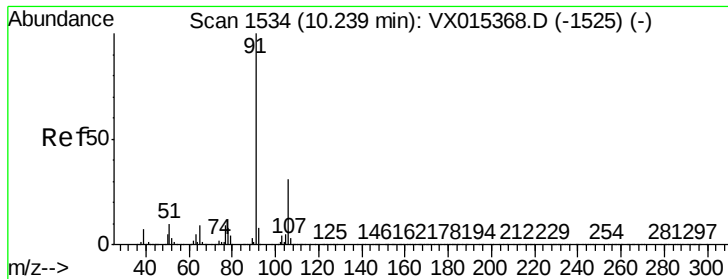
Tot Ion:112 Resp: 1543084
Ion Ratio Lower Upper
112 100
114 32.3 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 48.190 ug/l
RT: 10.21 min Scan# 1529
Delta R.T. -0.00 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

Tgt Ion:131 Resp: 616942
Ion Ratio Lower Upper
131 100
133 97.6 47.6 142.9
119 64.0 31.1 93.3

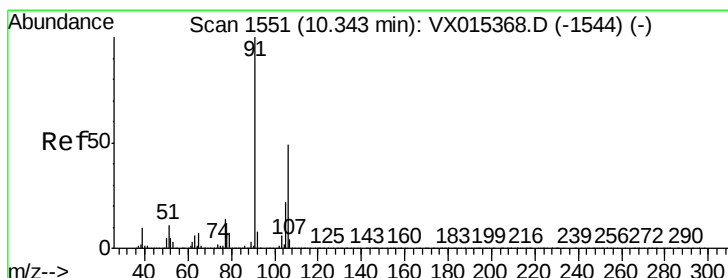
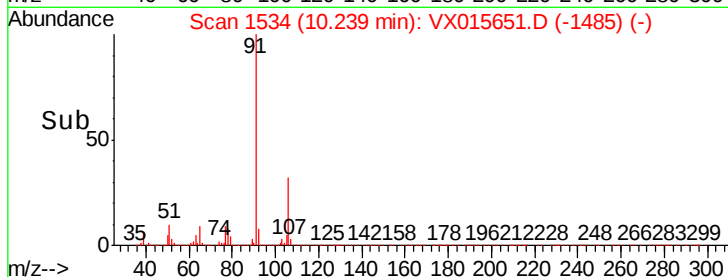
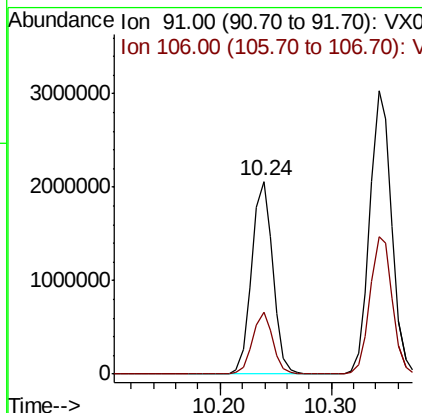
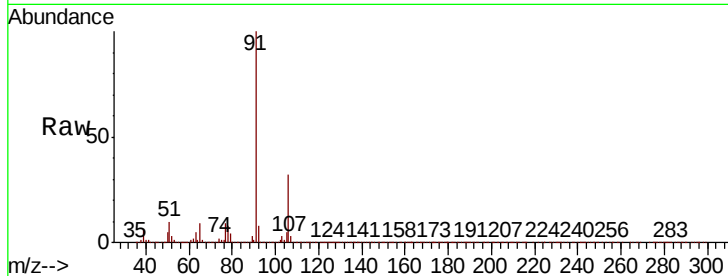




#67
Ethyl Benzene
Concen: 48.170 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. -0.00 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

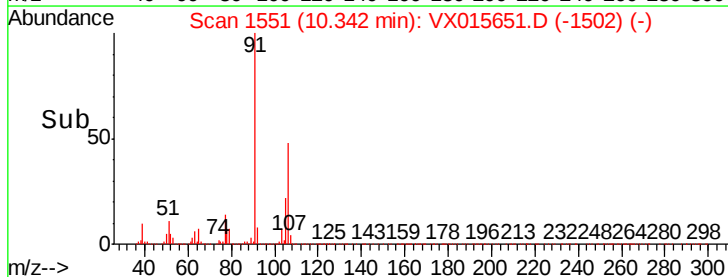
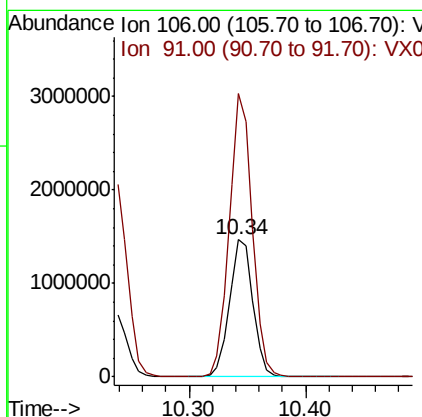
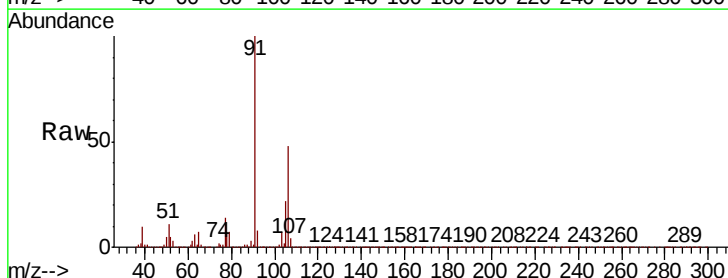
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

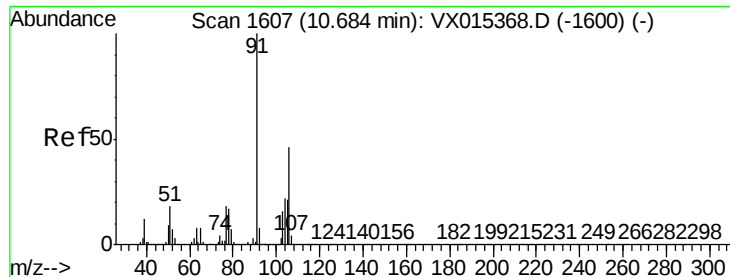
Tot Ion: 91 Resp: 2737789
Ion Ratio Lower Upper
91 100
106 32.2 24.8 37.2



#68
m/p-Xylenes
Concen: 97.054 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. -0.00 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

Tgt Ion: 106 Resp: 2054037
Ion Ratio Lower Upper
106 100
91 201.8 163.4 245.0

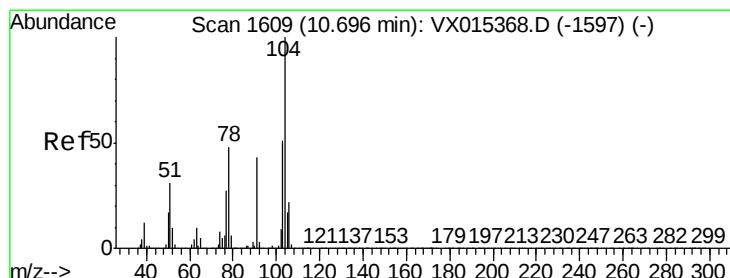
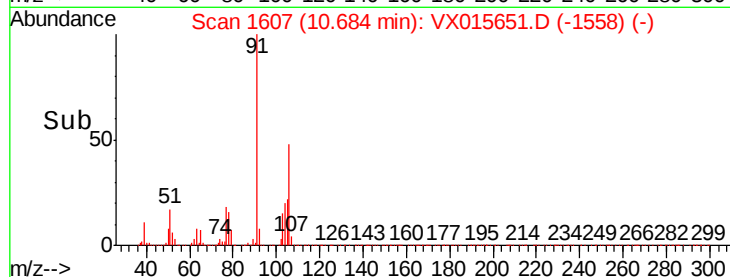
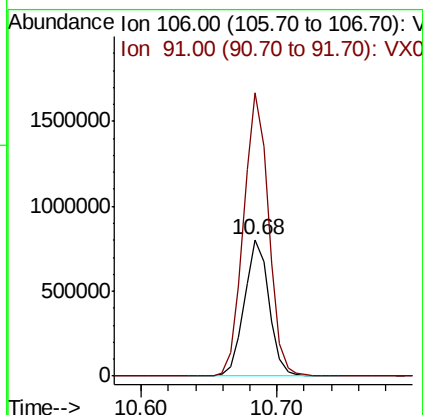
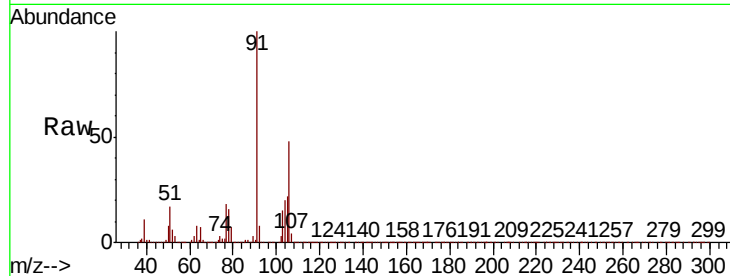




#69
o-Xylene
Concen: 48.577 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

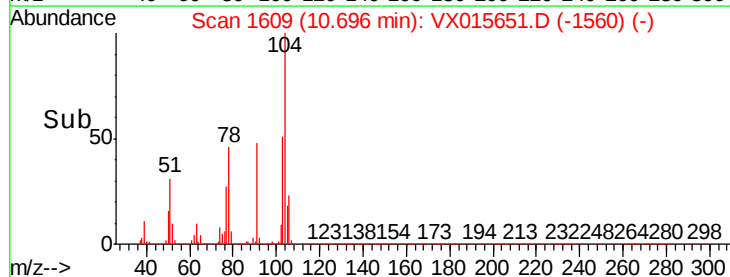
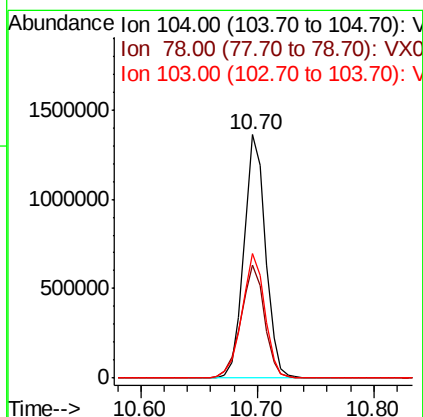
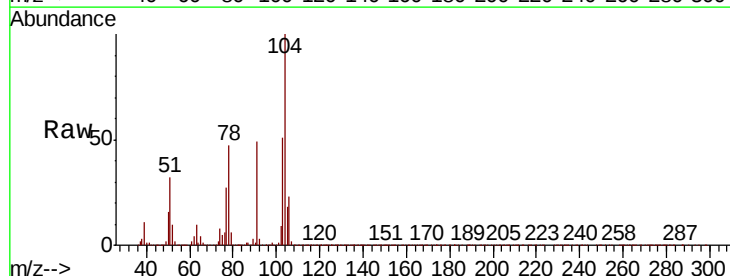
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

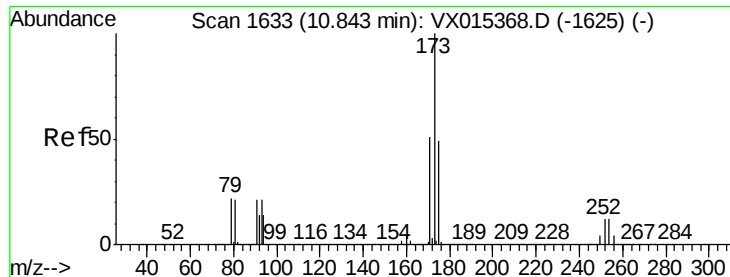
Tot Ion:106 Resp: 1015906
Ion Ratio Lower Upper
106 100
91 210.8 107.1 321.3



#70
Styrene
Concen: 48.089 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

Tgt Ion:104 Resp: 1769692
Ion Ratio Lower Upper
104 100
78 50.6 42.0 63.0
103 54.3 43.4 65.0





#71

Bromoform

Concen: 47.250 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. -0.00 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

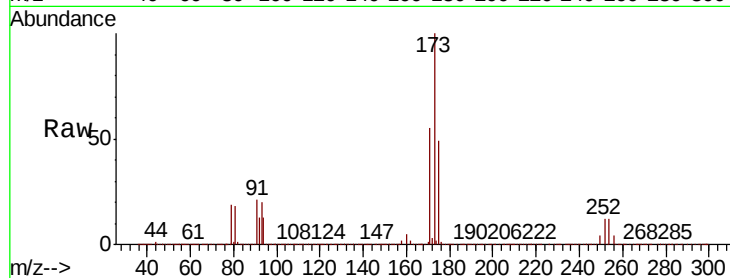
Tot Ion:173 Resp: 550674

Ion Ratio Lower Upper

173 100

175 48.7 23.9 71.7

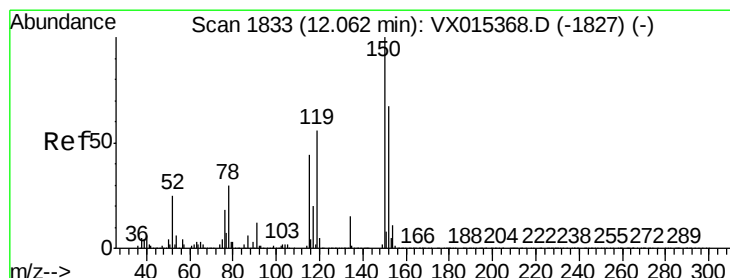
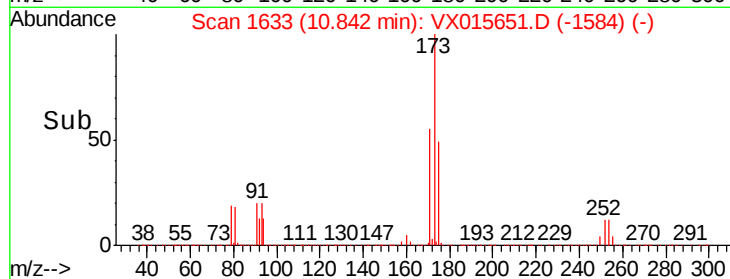
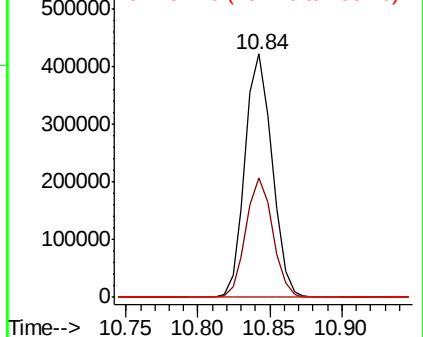
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

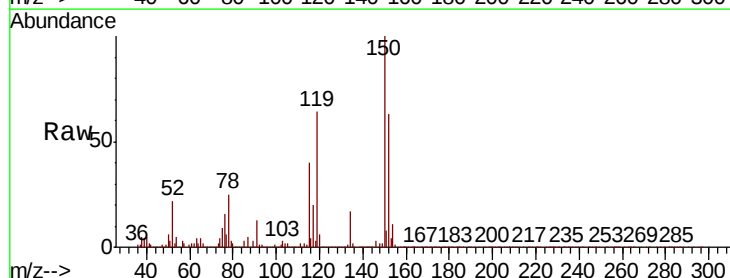
Tgt Ion:152 Resp: 873750

Ion Ratio Lower Upper

152 100

115 77.8 39.0 116.9

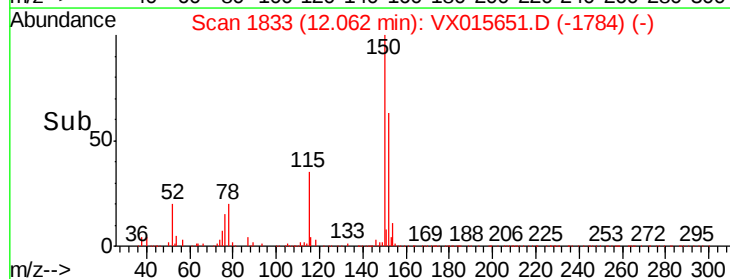
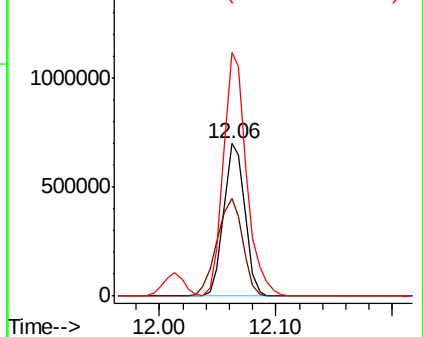
150 174.5 0.0 340.8

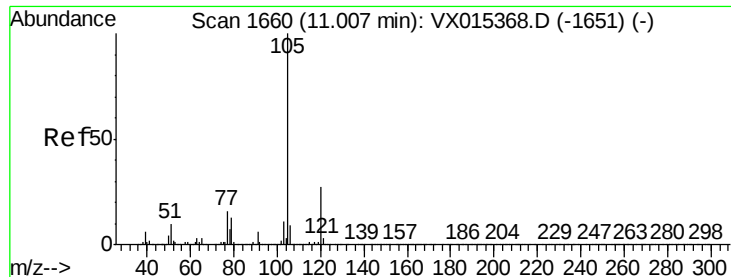


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.270 ug/l

RT: 11.01 min Scan# 1660

Delta R.T. -0.00 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

Instrument :

MSVOA_X

ClientSampleId :

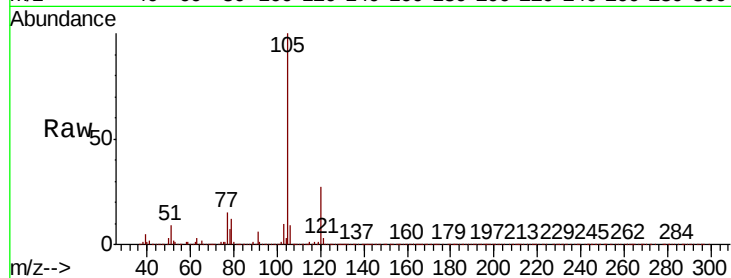
VSTDCCC050EC

Tot Ion:105 Resp: 2706191

Ion Ratio Lower Upper

105 100

120 26.7 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

2500000

2000000

1500000

1000000

500000

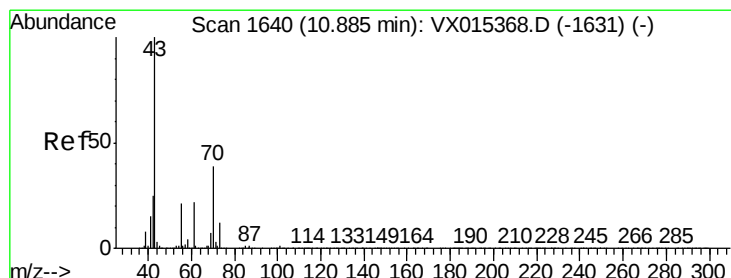
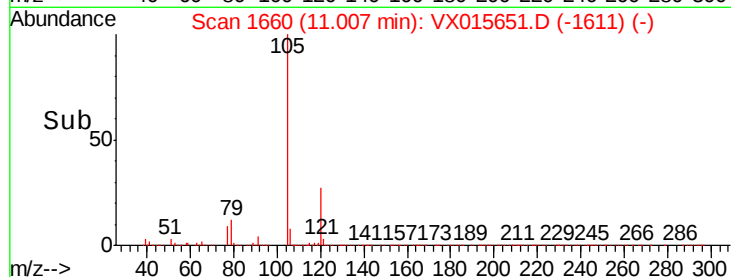
0

Time-->

10.90

11.00

11.10



#74

N-ethyl acetate

Concen: 43.293 ug/l

RT: 10.89 min Scan# 1640

Delta R.T. -0.00 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

Tgt Ion: 43 Resp: 1378520

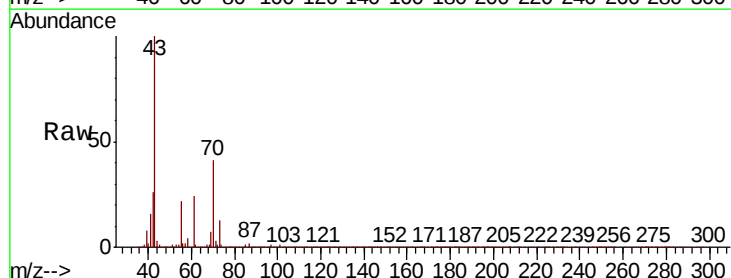
Ion Ratio Lower Upper

43 100

70 39.5 30.2 45.4

55 22.0 16.8 25.2

61 23.0 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

1500000

1000000

500000

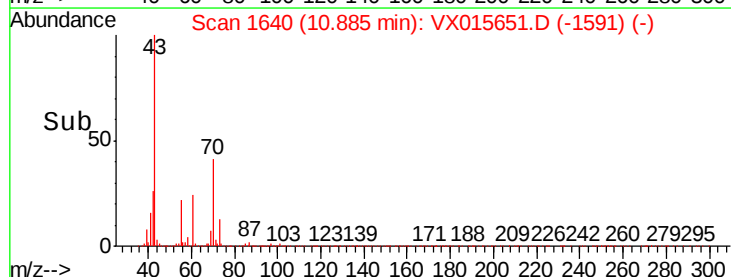
0

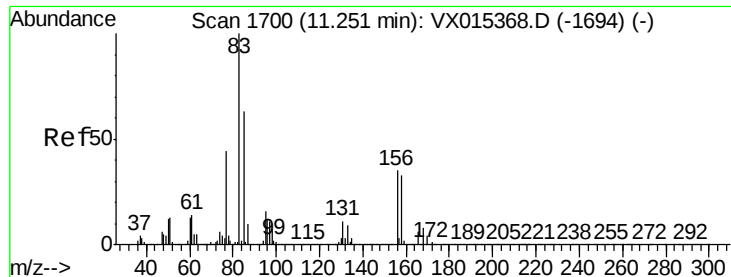
Time-->

10.80

10.90

11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 46.120 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

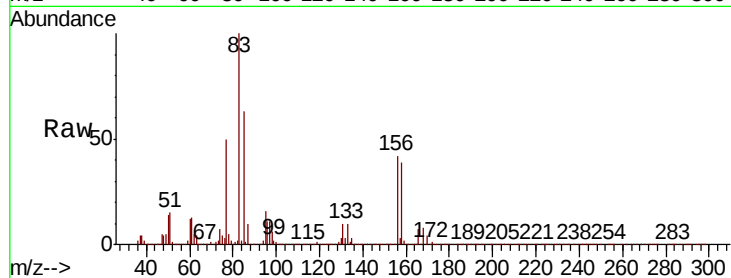
Tot Ion: 83 Resp: 906003

Ion Ratio Lower Upper

83 100

131 10.9 5.3 16.1

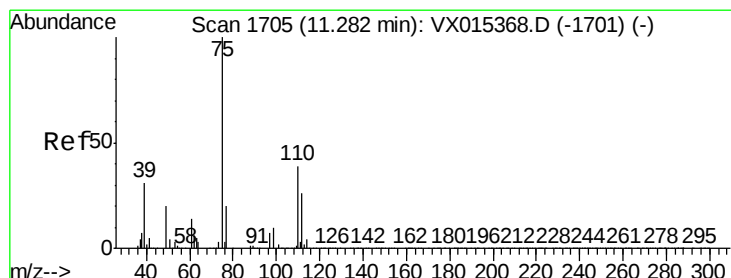
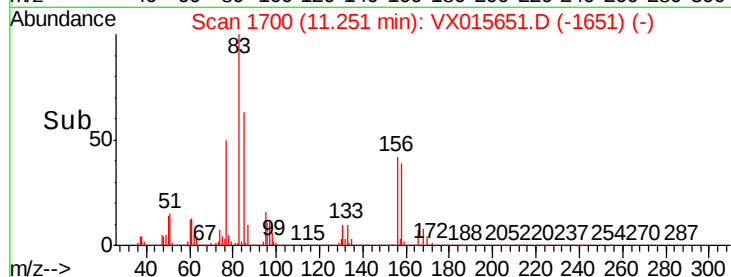
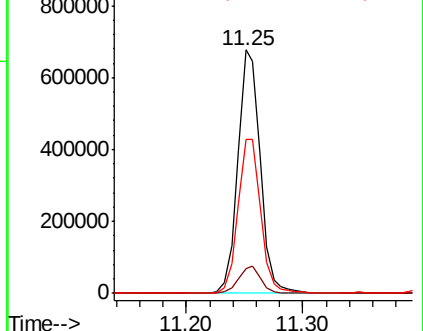
85 64.5 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 60.415 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. -0.00 min

Lab File: VX015651.D

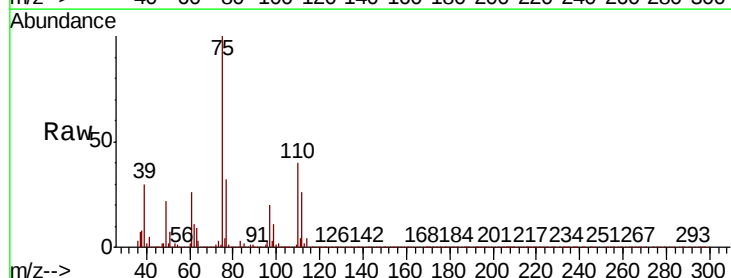
Acq: 13 Apr 2020 18:42

Tgt Ion: 75 Resp: 1085531

Ion Ratio Lower Upper

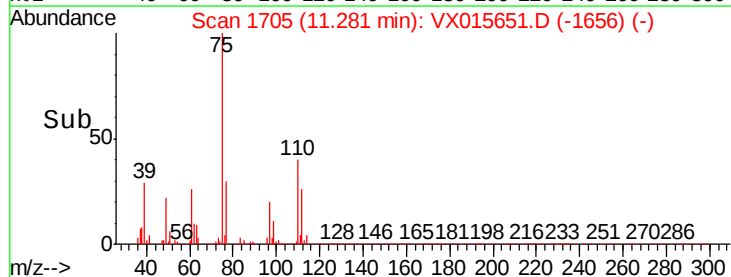
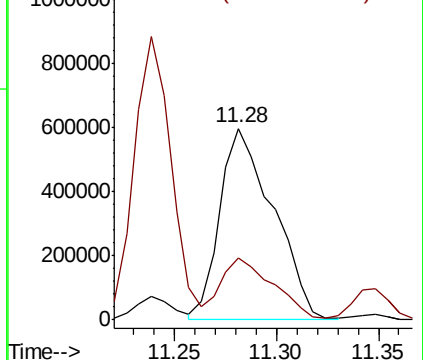
75 100

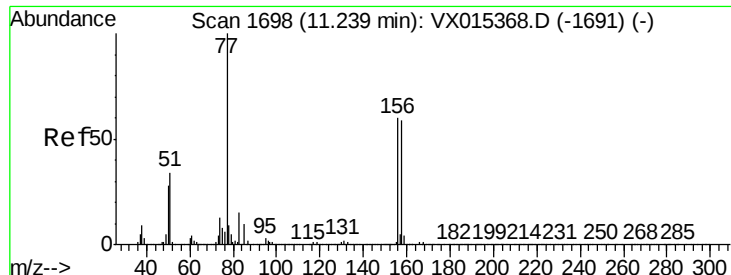
77 31.6 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.552 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

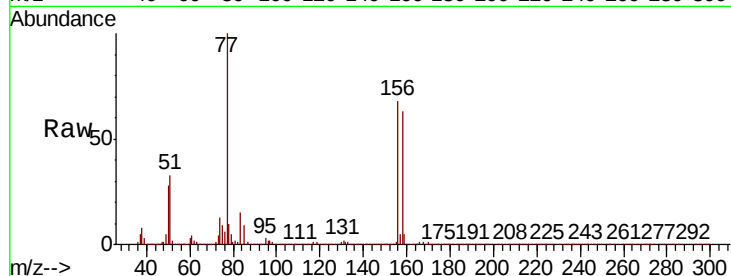
Tot Ion:156 Resp: 741419

Ion Ratio Lower Upper

156 100

77 150.5 82.2 246.5

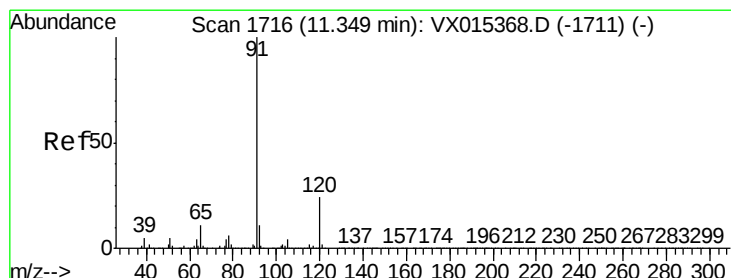
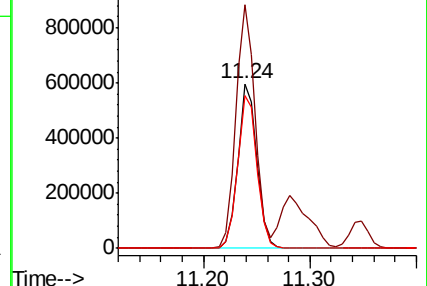
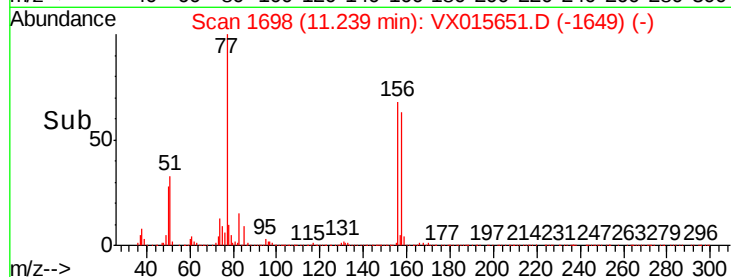
158 95.6 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 46.714 ug/l

RT: 11.35 min Scan# 1716

Delta R.T. -0.00 min

Lab File: VX015651.D

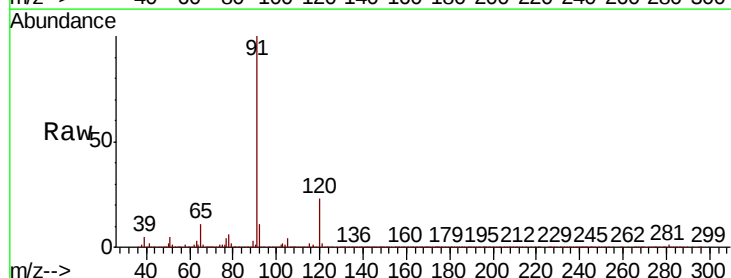
Acq: 13 Apr 2020 18:42

Tgt Ion: 91 Resp: 3058056

Ion Ratio Lower Upper

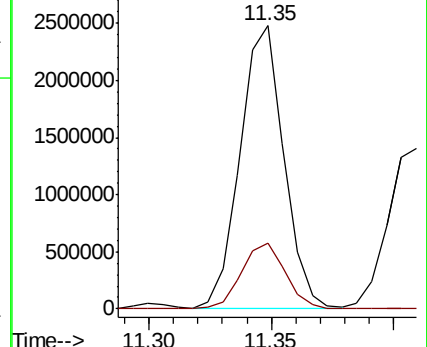
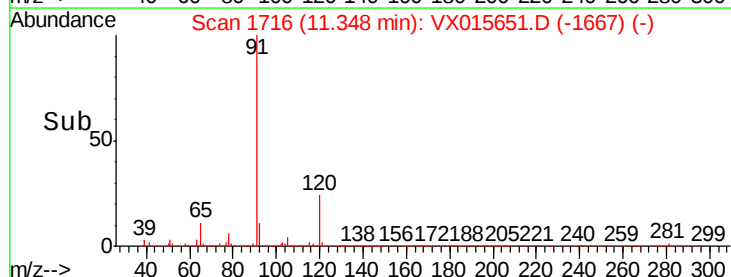
91 100

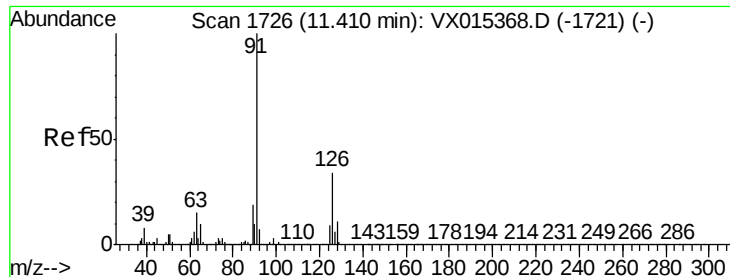
120 23.4 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 45.242 ug/l

RT: 11.41 min Scan# 1726

Delta R.T. -0.00 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

Instrument :

MSVOA_X

ClientSampleId :

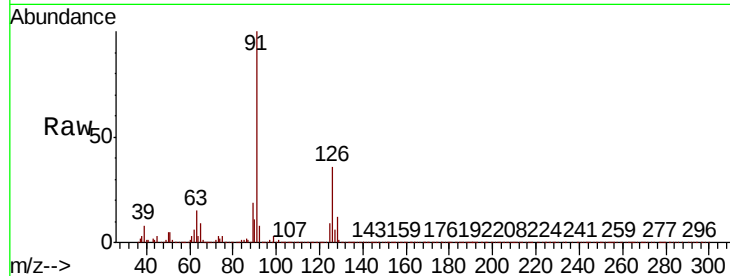
VSTDCCC050EC

Tot Ion: 91 Resp: 1815304

Ion Ratio Lower Upper

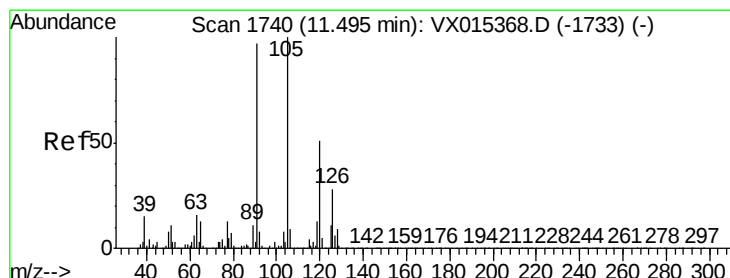
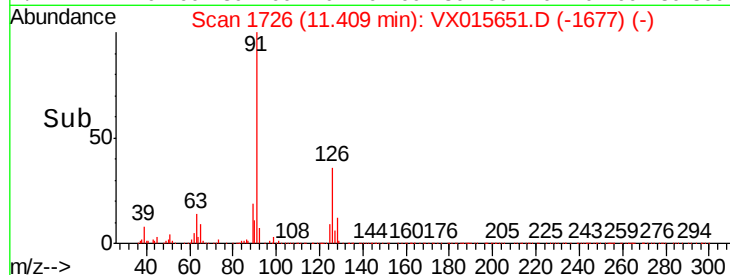
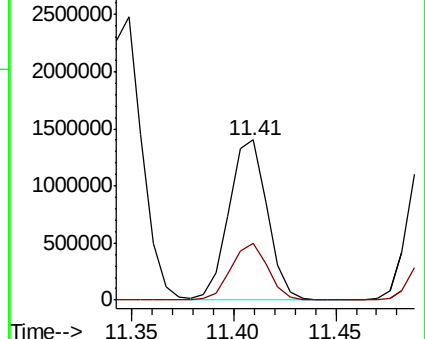
91 100

126 34.6 16.5 49.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 46.549 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VX015651.D

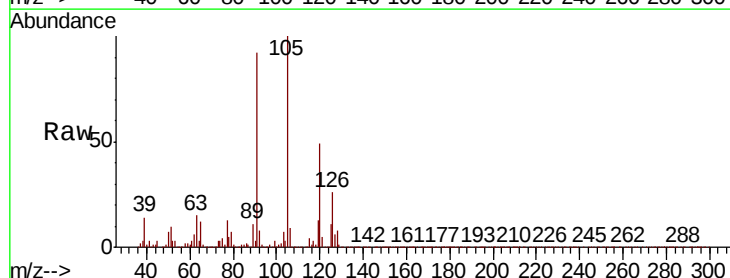
Acq: 13 Apr 2020 18:42

Tgt Ion: 105 Resp: 2275909

Ion Ratio Lower Upper

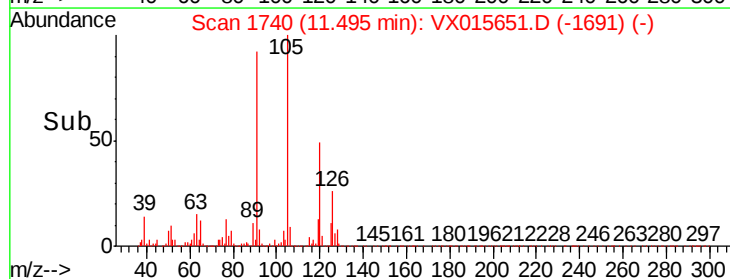
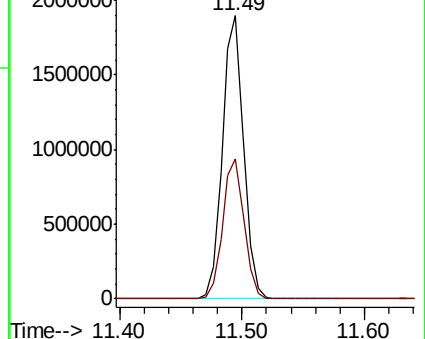
105 100

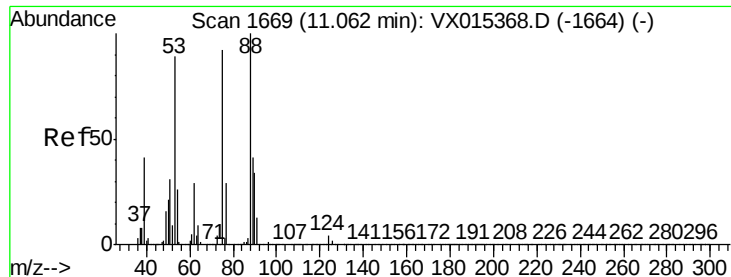
120 49.9 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 43.169 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. -0.00 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

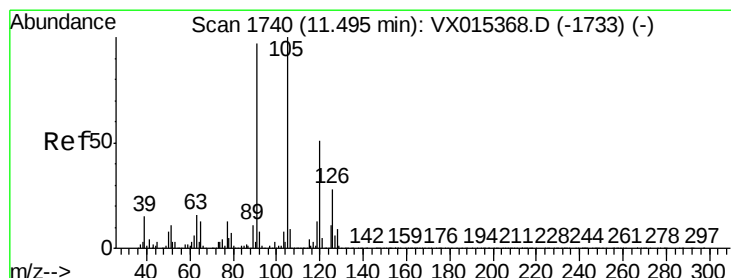
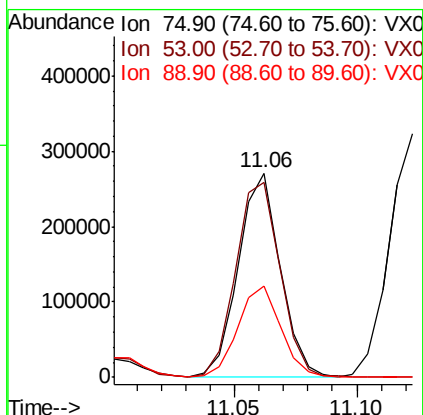
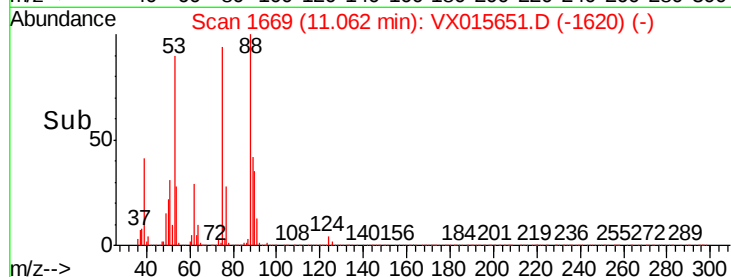
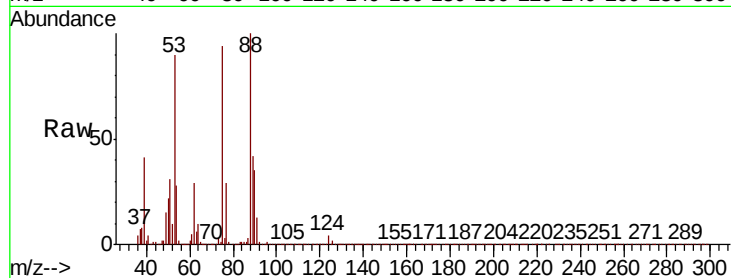
Tot Ion: 75 Resp: 323266

Ion Ratio Lower Upper

75 100

53 100.4 80.1 120.1

89 45.9 36.1 54.1



#82

4-Chlorotoluene

Concen: 46.120 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VX015651.D

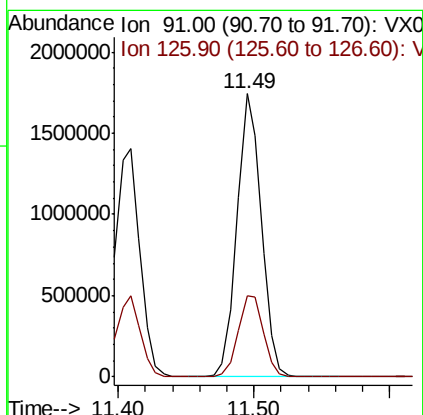
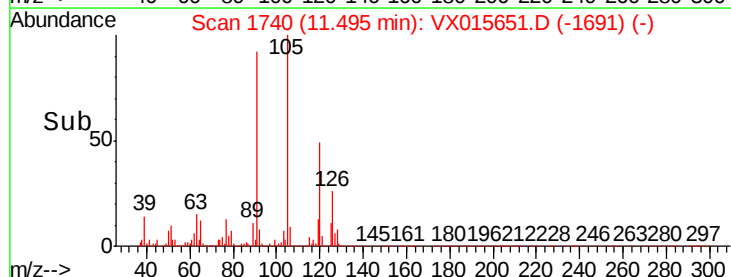
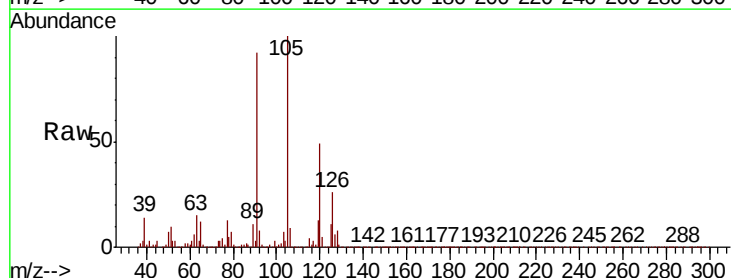
Acq: 13 Apr 2020 18:42

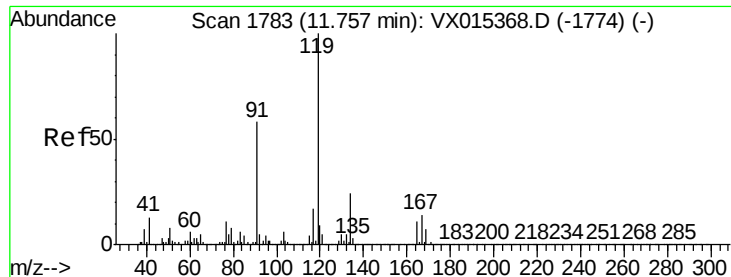
Tgt Ion: 91 Resp: 2169377

Ion Ratio Lower Upper

91 100

126 29.9 14.7 44.1

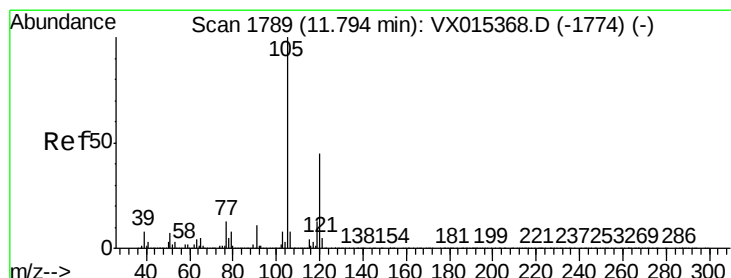
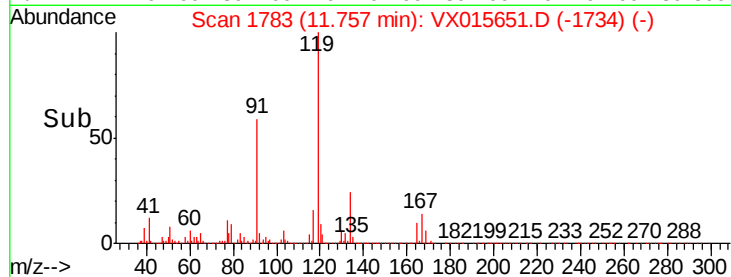
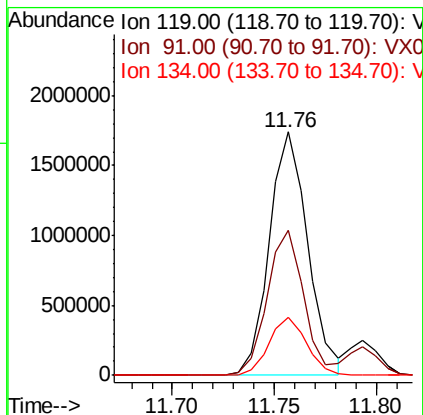
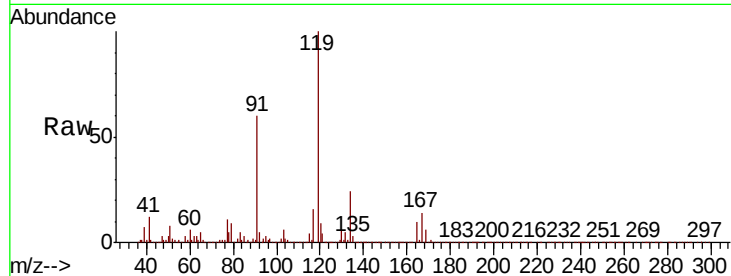




#83
tert-Butylbenzene
Concen: 47.874 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

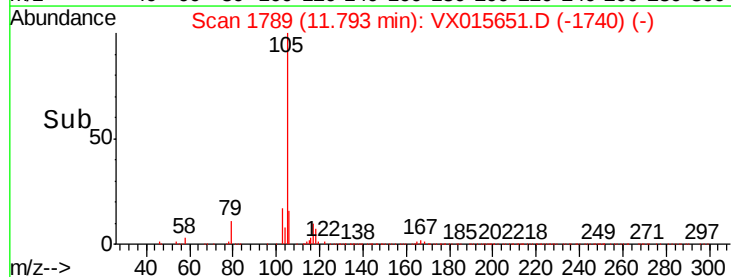
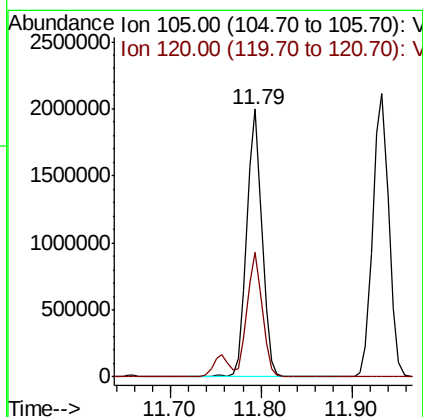
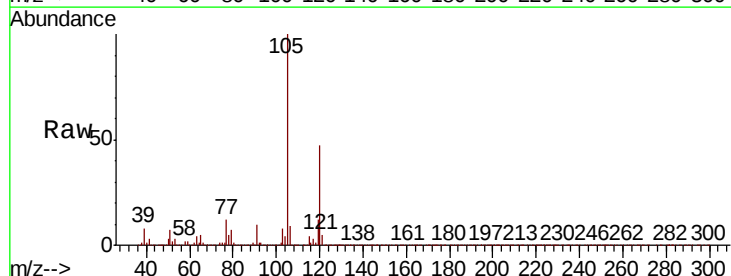
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

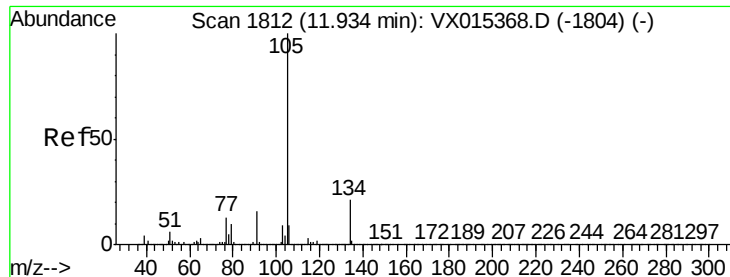
Tot Ion:119 Resp: 2286364
Ion Ratio Lower Upper
119 100
91 57.1 28.6 85.8
134 23.2 11.8 35.3



#84
1,2,4-Trimethylbenzene
Concen: 46.971 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

Tgt Ion:105 Resp: 2340281
Ion Ratio Lower Upper
105 100
120 46.1 22.7 68.1





#85

sec-Butylbenzene

Concen: 47.007 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

Instrument :

MSVOA_X

ClientSampleId :

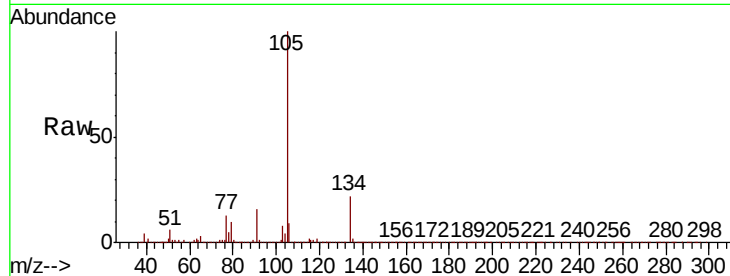
VSTDCCC050EC

Tot Ion:105 Resp: 2596385

Ion Ratio Lower Upper

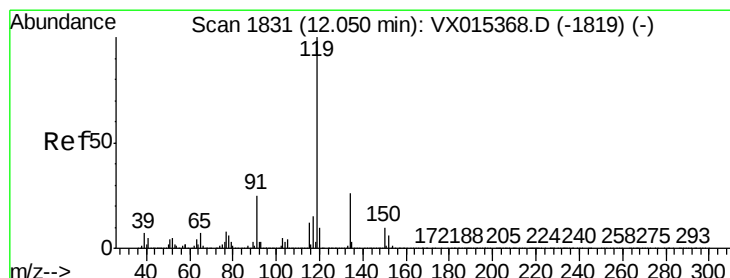
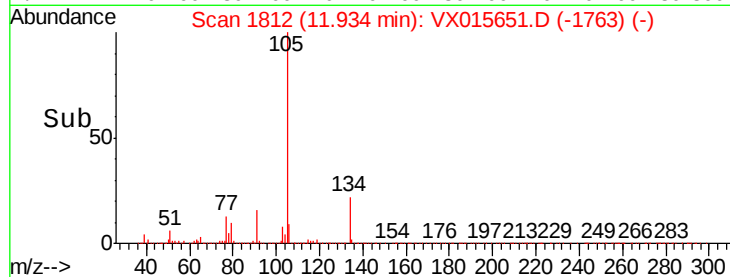
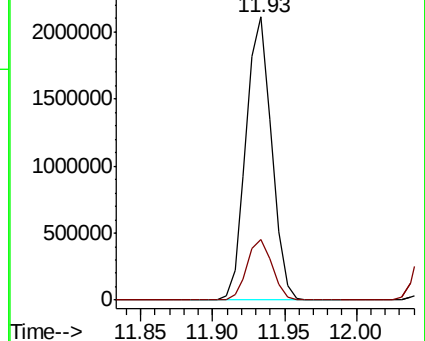
105 100

134 21.3 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.699 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

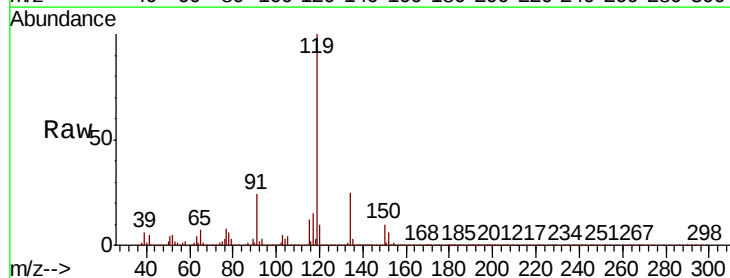
Tgt Ion:119 Resp: 2497138

Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.3

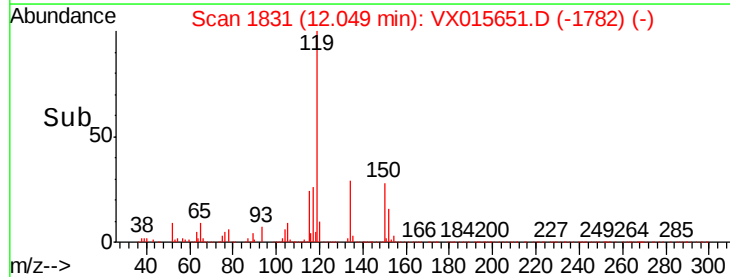
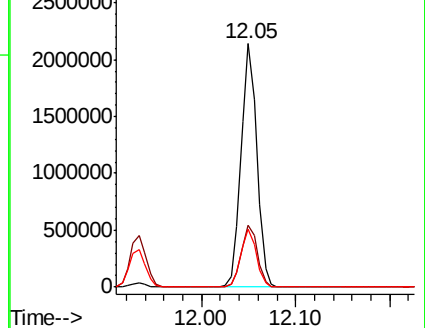
91 23.3 12.4 37.4

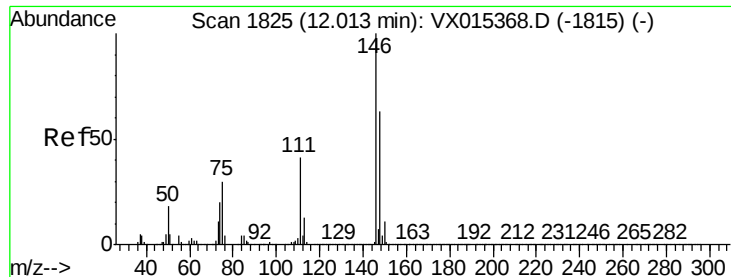


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 47.839 ug/l

RT: 12.01 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

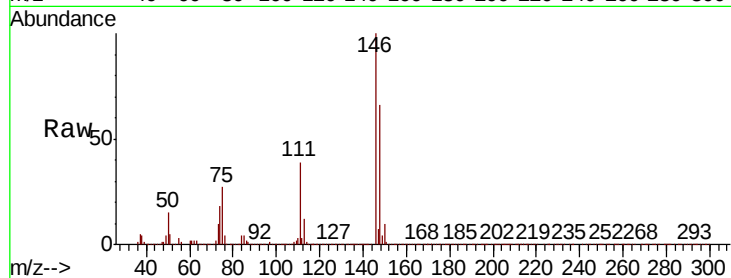
Tot Ion:146 Resp: 1307815

Ion Ratio Lower Upper

146 100

111 38.6 20.3 60.9

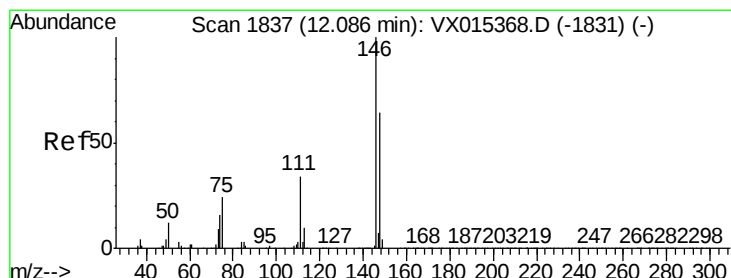
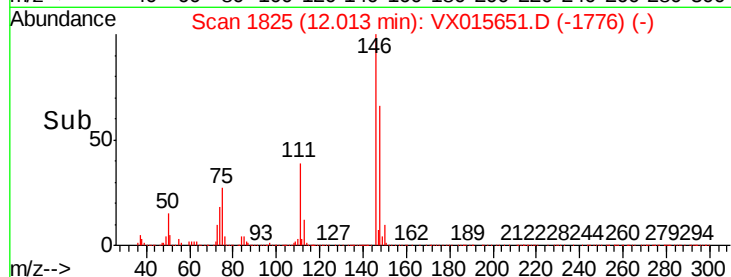
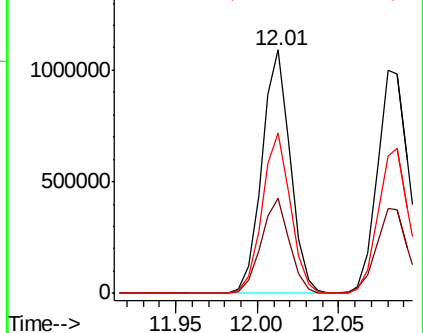
148 65.7 31.3 93.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 47.354 ug/l

RT: 12.08 min Scan# 1836

Delta R.T. -0.01 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

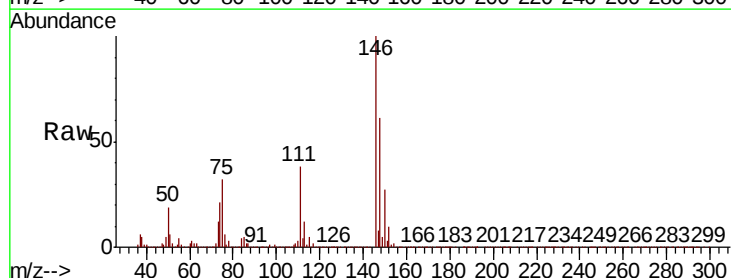
Tgt Ion:146 Resp: 1318625

Ion Ratio Lower Upper

146 100

111 38.2 19.1 57.5

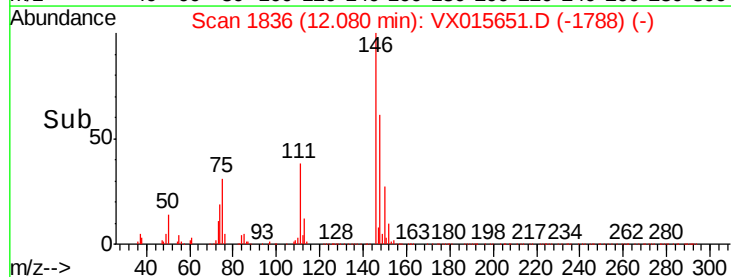
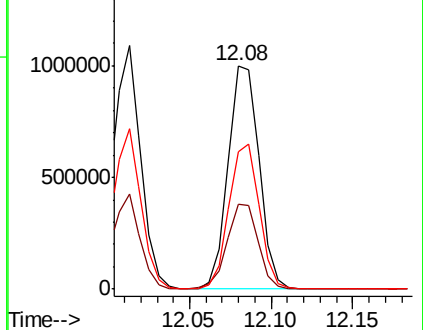
148 63.6 32.4 97.2

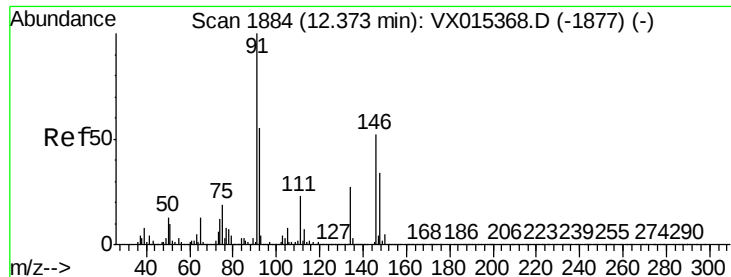


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

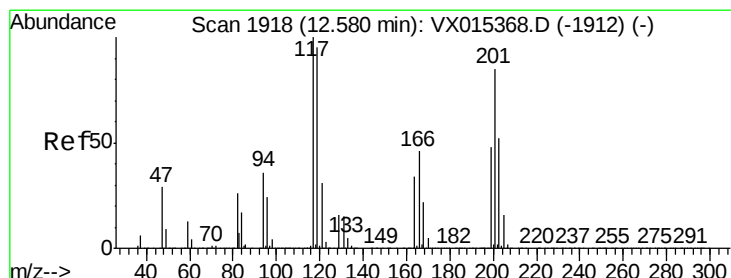
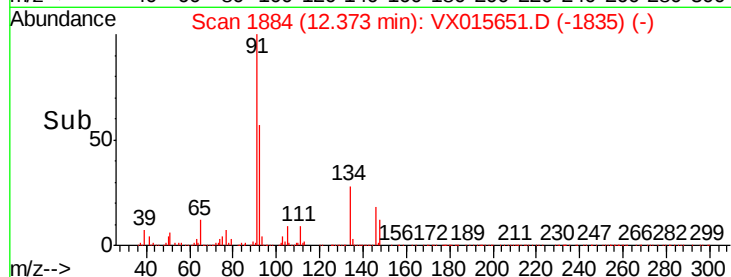
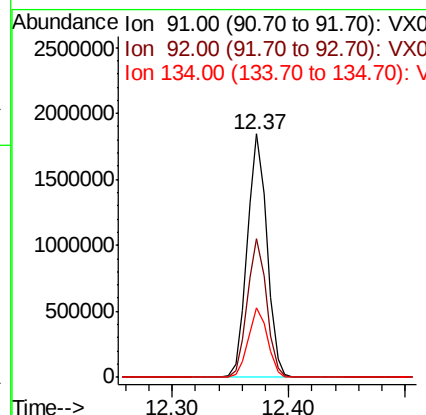
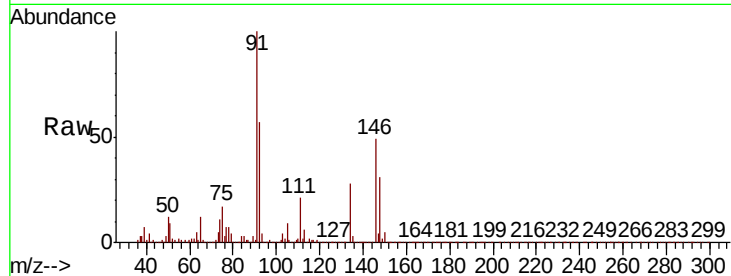




#89
n-Butylbenzene
Concen: 46.886 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

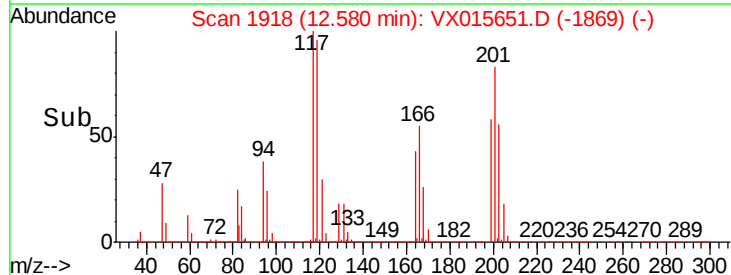
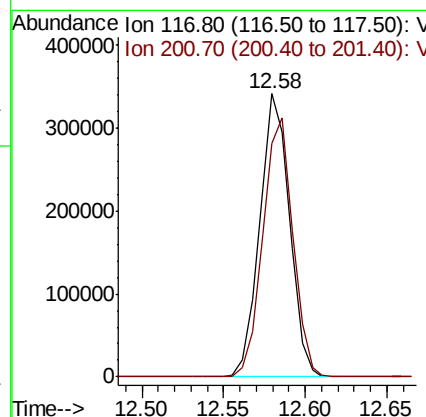
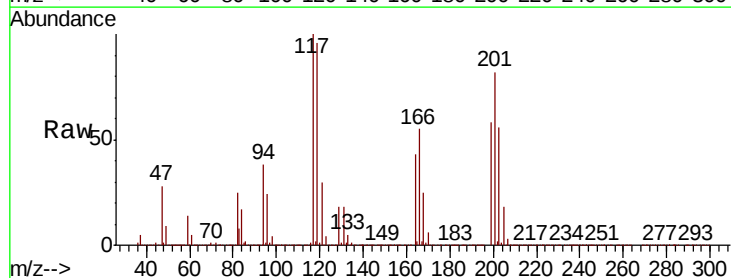
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

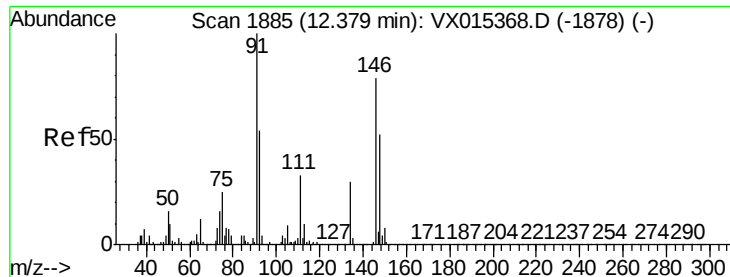
Tot Ion: 91 Resp: 2172561
Ion Ratio Lower Upper
91 100
92 56.0 27.2 81.5
134 28.2 13.4 40.2



#90
Hexachloroethane
Concen: 43.473 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

Tgt Ion: 117 Resp: 433875
Ion Ratio Lower Upper
117 100
201 91.6 42.6 128.0





#91

1,2-Dichlorobenzene

Concen: 48.799 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

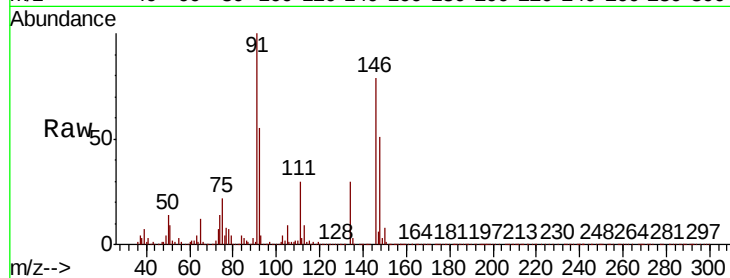
Tot Ion:146 Resp: 1305535

Ion Ratio Lower Upper

146 100

111 39.9 21.0 63.0

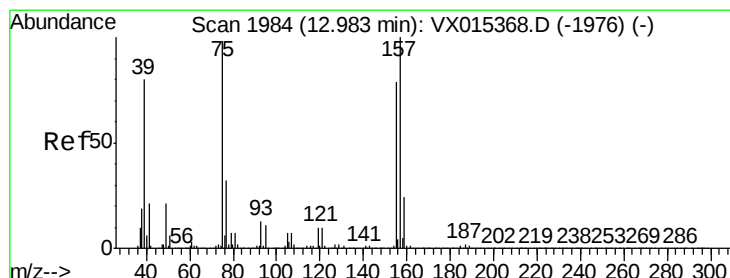
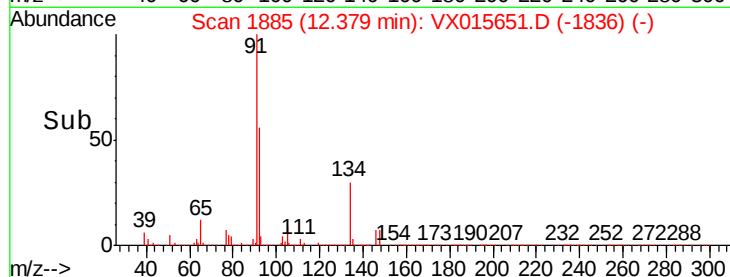
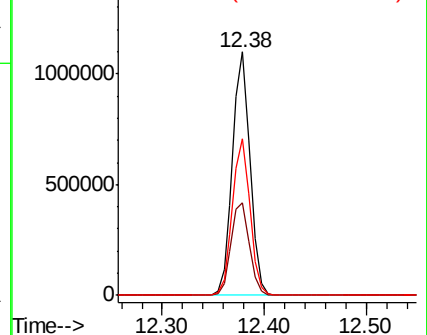
148 64.1 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 40.180 ug/l

RT: 12.98 min Scan# 1984

Delta R.T. -0.00 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

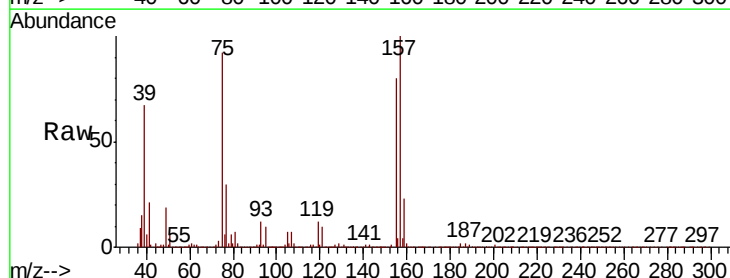
Tgt Ion: 75 Resp: 222778

Ion Ratio Lower Upper

75 100

155 91.0 42.8 128.4

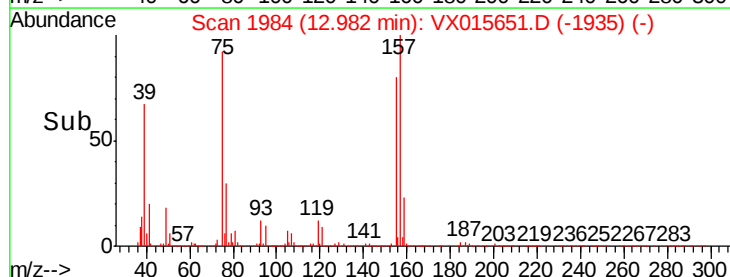
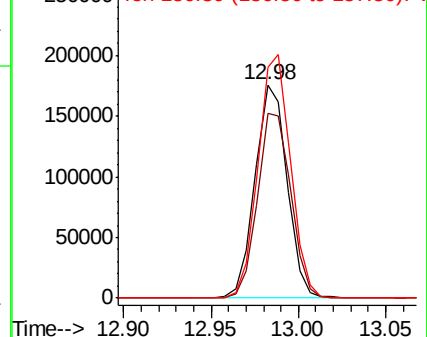
157 116.6 53.4 160.3

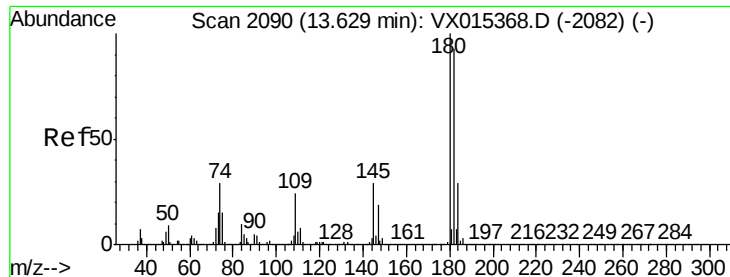


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

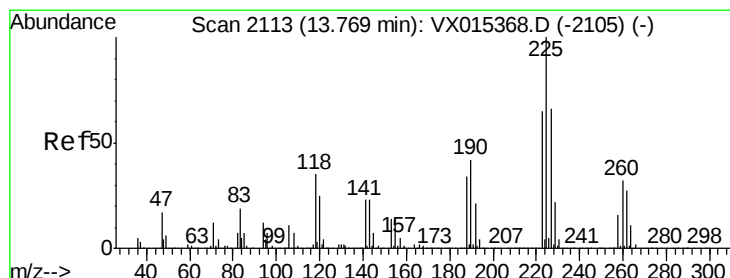
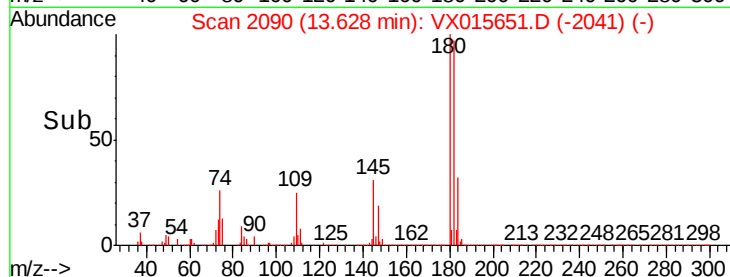
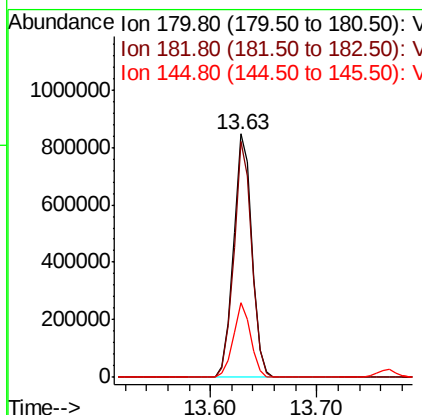
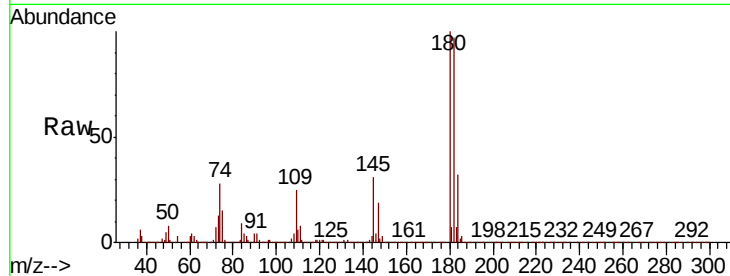




#93
 1,2,4-Trichlorobenzene
 Concen: 48.215 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: VX015651.D
 Acq: 13 Apr 2020 18:42

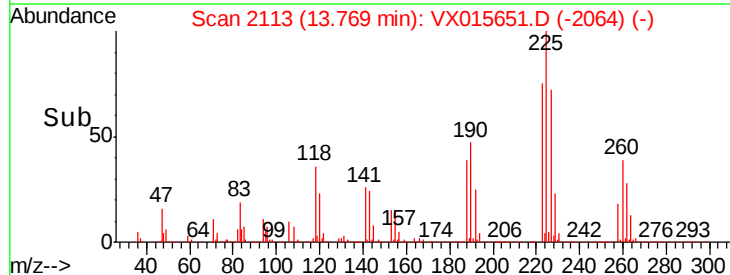
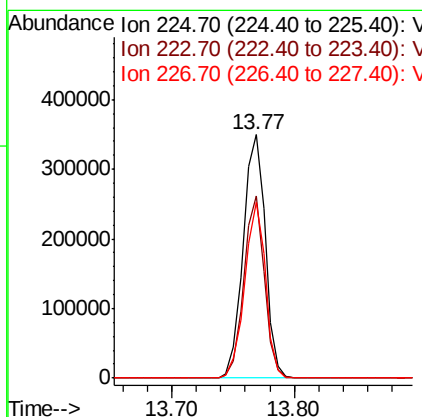
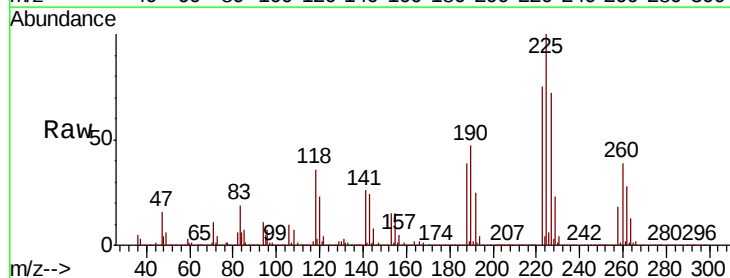
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

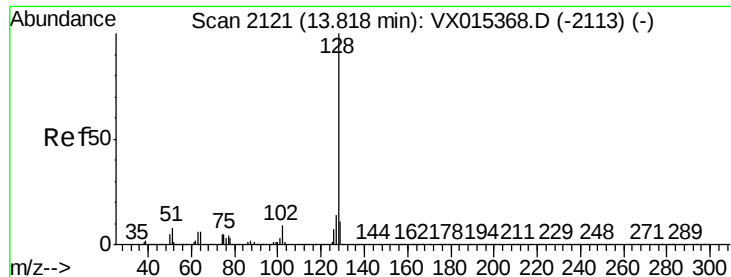
Tot Ion:180 Resp: 1020319
 Ion Ratio Lower Upper
 180 100
 182 94.4 46.9 140.7
 145 29.1 14.9 44.5



#94
 Hexachlorobutadiene
 Concen: 43.349 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VX015651.D
 Acq: 13 Apr 2020 18:42

Tgt Ion:225 Resp: 436754
 Ion Ratio Lower Upper
 225 100
 223 69.3 31.9 95.7
 227 67.7 30.4 91.3

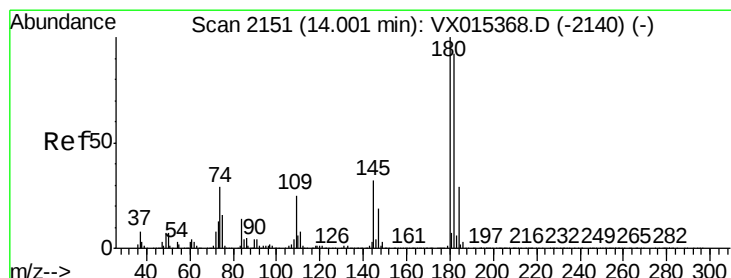
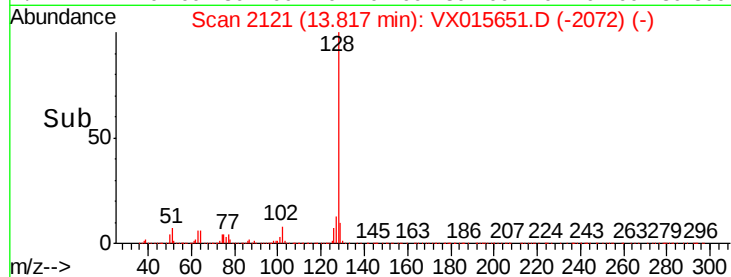
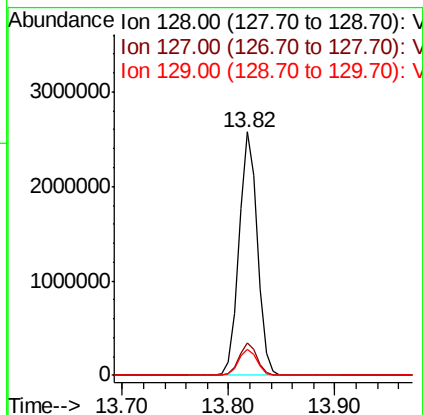
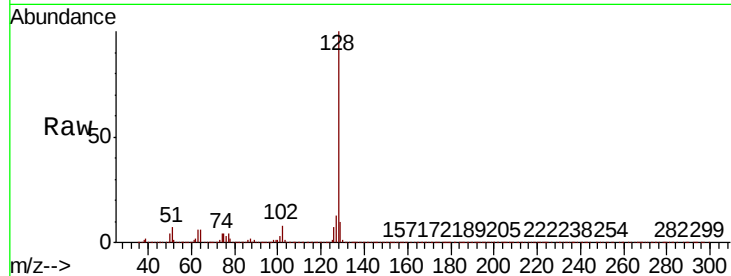




#95
Naphthalene
Concen: 48.039 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. -0.00 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 3100972
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 50.680 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.01 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

Tgt Ion:180 Resp: 1032574
Ion Ratio Lower Upper
180 100
182 94.4 46.7 140.0
145 30.7 15.8 47.3

