

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040220\
 Data File : VX015499.D
 Acq On : 02 Apr 2020 21:47
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 03 08:05:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1032827	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1628763	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1540607	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	817089	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	712932	48.94	ug/l	0.00
Spiked Amount			Recovery	=	97.88%	
35) Dibromofluoromethane	5.47	113	521852	50.12	ug/l	0.00
Spiked Amount			Recovery	=	100.24%	
50) Toluene-d8	8.70	98	1918723	50.05	ug/l	0.00
Spiked Amount			Recovery	=	100.10%	
62) 4-Bromofluorobenzene	11.12	95	788057	50.59	ug/l	0.00
Spiked Amount			Recovery	=	101.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	460042	50.557	ug/l	99
3) Chloromethane	1.31	50	546993	47.203	ug/l	99
4) Vinyl Chloride	1.39	62	508883	47.826	ug/l	99
5) Bromomethane	1.62	94	224664	44.995	ug/l	99
6) Chloroethane	1.70	64	311881	47.261	ug/l	99
7) Trichlorofluoromethane	1.91	101	731321	51.250	ug/l	99
8) Diethyl Ether	2.17	74	286430	47.589	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	474043	50.959	ug/l	97
10) Methyl Iodide	2.49	142	575333	45.873	ug/l	100
11) Tert butyl alcohol	3.02	59	792690	227.349	ug/l	100
12) 1,1-Dichloroethene	2.36	96	475180	48.732	ug/l	96
13) Acrolein	2.27	56	524231	263.942	ug/l	100
14) Allyl chloride	2.70	41	1071446	47.026	ug/l	98
15) Acrylonitrile	3.12	53	1623549	244.168	ug/l	100
16) Acetone	2.42	43	1503182	240.191	ug/l	97
17) Carbon Disulfide	2.55	76	1384169	46.533	ug/l	99
18) Methyl Acetate	2.75	43	787932	49.329	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	1832092	48.445	ug/l	100
20) Methylene Chloride	2.83	84	548972	46.963	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	516780	47.754	ug/l	97
22) Diisopropyl ether	3.83	45	1985721	49.184	ug/l	99
23) Vinyl Acetate	3.79	43	8958717	245.082	ug/l	100
24) 1,1-Dichloroethane	3.67	63	1018981	47.936	ug/l	99
25) 2-Butanone	4.64	43	2420278	240.474	ug/l	98
26) 2,2-Dichloropropane	4.56	77	758588	43.477	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	605776	48.384	ug/l	99
28) Bromochloromethane	4.98	49	499388	49.205	ug/l	99
29) Tetrahydrofuran	5.09	42	1560164	241.128	ug/l	100
30) Chloroform	5.18	83	994592	48.633	ug/l	98
31) Cyclohexane	5.55	56	927046	50.273	ug/l	94
32) 1,1,1-Trichloroethane	5.47	97	911505	49.249	ug/l	99
36) 1,1-Dichloropropene	5.77	75	754922	50.304	ug/l	100
37) Ethyl Acetate	4.80	43	947706	48.500	ug/l	100
38) Carbon Tetrachloride	5.76	117	802737	49.386	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	880474	50.884	ug/l	98
40) Benzene	6.12	78	2165112	49.251	ug/l	99
41) Methacrylonitrile	5.01	41	543728	50.126	ug/l	99
42) 1,2-Dichloroethane	6.17	62	893676	50.610	ug/l	98
43) Isopropyl Acetate	6.42	43	1606157	48.692	ug/l	100
44) Trichloroethene	7.19	130	586689	48.935	ug/l	98
45) 1,2-Dichloropropane	7.49	63	580445	48.267	ug/l	98
46) Dibromomethane	7.64	93	385378	48.852	ug/l	99
47) Bromodichloromethane	7.88	83	829942	49.374	ug/l	97
48) Methyl methacrylate	7.75	41	816837	49.576	ug/l	100
49) 1,4-Dioxane	7.72	88	305211	992.990	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	4722657	252.629	ug/l	100
52) Toluene	8.77	92	1357206	50.077	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	919941	46.664	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	965314	48.069	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	554951	49.977	ug/l	97
56) Ethyl methacrylate	9.16	69	970828	49.609	ug/l	99
57) 1,3-Dichloropropane	9.36	76	970971	48.534	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	2380145	250.049	ug/l	100
59) 2-Hexanone	9.48	43	3623691	256.751	ug/l	100
60) Dibromochloromethane	9.57	129	655946	49.160	ug/l	98
61) 1,2-Dibromoethane	9.65	107	600807	49.761	ug/l	98
64) Tetrachloroethene	9.32	164	553897	47.641	ug/l	98
65) Chlorobenzene	10.12	112	1462905	47.614	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	594470	48.431	ug/l	99
67) Ethyl Benzene	10.24	91	2671899	49.033	ug/l	98
68) m/p-Xylenes	10.34	106	1982010	97.678	ug/l	100
69) o-Xylene	10.68	106	960192	47.887	ug/l	98
70) Styrene	10.70	104	1713533	48.565	ug/l	100
71) Bromoform	10.84	173	502231	44.946	ug/l #	97
73) Isopropylbenzene	11.01	105	2612301	48.794	ug/l	100
74) N-amyl acetate	10.89	43	1451324	48.741	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	871743	47.453	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	1068087	63.566	ug/l	83
77) Bromobenzene	11.24	156	672967	47.125	ug/l	99
78) n-propylbenzene	11.35	91	2993727	48.903	ug/l	99
79) 2-Chlorotoluene	11.41	91	1819504	48.491	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	2214384	48.431	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	311536	44.488	ug/l	97
82) 4-Chlorotoluene	11.49	91	2111881	48.011	ug/l	99
83) tert-Butylbenzene	11.76	119	2180094	48.814	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	2210369	47.440	ug/l	98
85) sec-Butylbenzene	11.93	105	2522703	48.840	ug/l	100
86) p-Isopropyltoluene	12.05	119	2382537	49.686	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	1240401	48.520	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	1223381	46.980	ug/l	98
89) n-Butylbenzene	12.37	91	2132652	49.216	ug/l	100
90) Hexachloroethane	12.58	117	436792	46.800	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	1201878	48.039	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	234135	45.156	ug/l	98

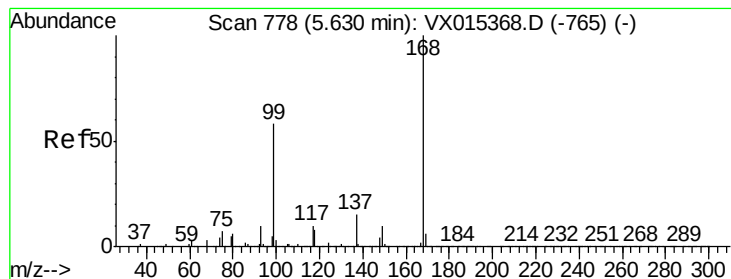
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	916340	46.304	ug/l	99
94) Hexachlorobutadiene	13.77	225	430137	45.652	ug/l	96
95) Naphthalene	13.82	128	2942903	48.752	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	902291	47.356	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

Instrument :

MSVOA_X

ClientSampleId :

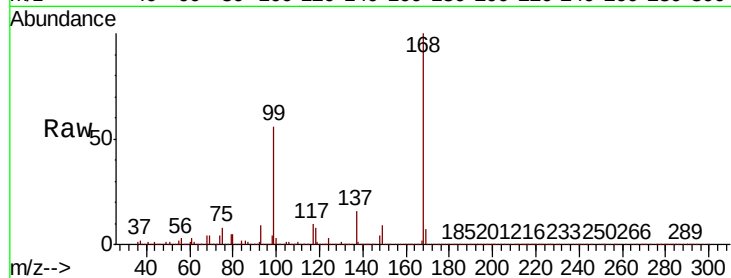
VSTDCCC050EC

Tot Ion:168 Resp: 1032827

Ion Ratio Lower Upper

168 100

99 56.1 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

400000

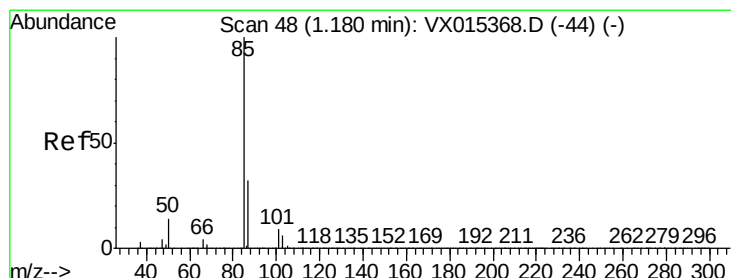
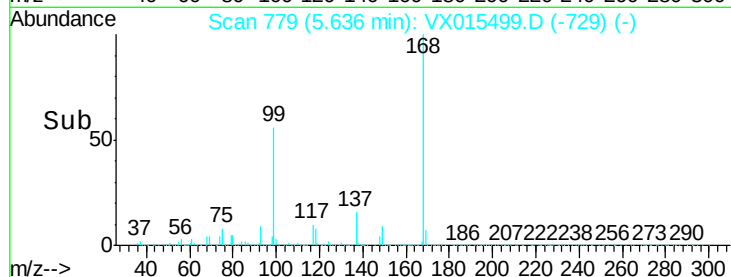
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 50.557 ug/l

RT: 1.18 min Scan# 48

Delta R.T. -0.00 min

Lab File: VX015499.D

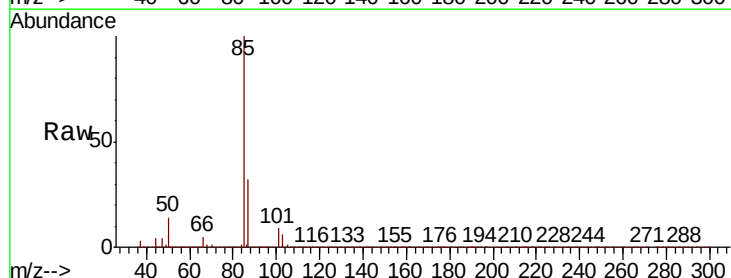
Acq: 02 Apr 2020 21:47

Tgt Ion: 85 Resp: 460042

Ion Ratio Lower Upper

85 100

87 32.2 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

500000

400000

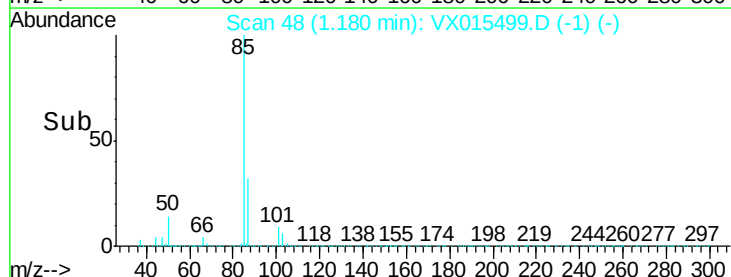
300000

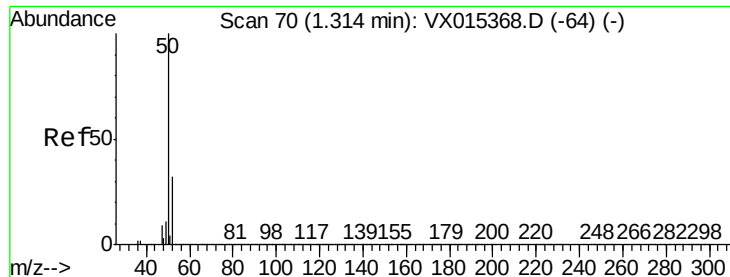
200000

100000

0

Time-->





#3

Chloromethane

Concen: 47.203 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

Instrument :

MSVOA_X

ClientSampleId :

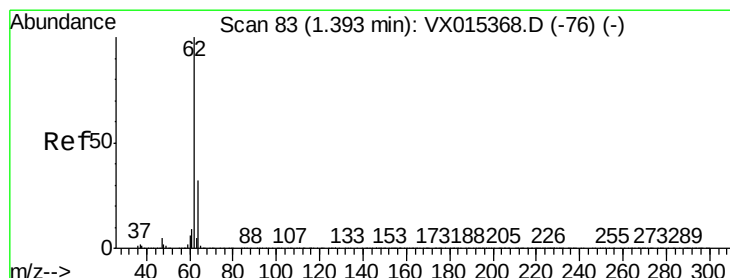
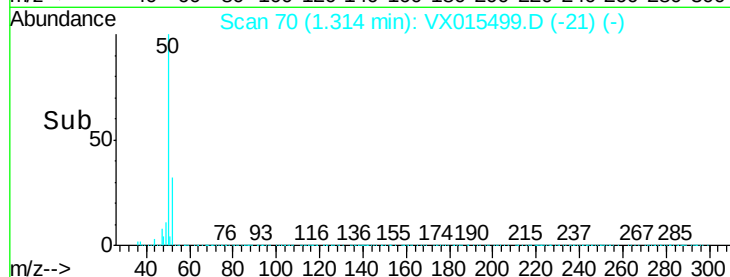
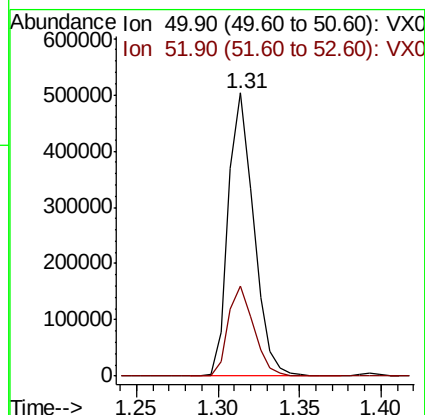
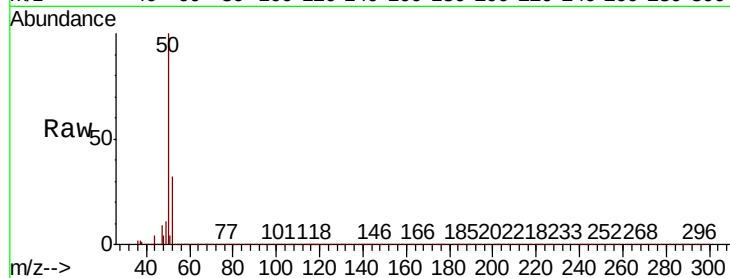
VSTDCCC050EC

Tot Ion: 50 Resp: 546993

Ion Ratio Lower Upper

50 100

52 31.9 25.3 37.9



#4

Vinyl Chloride

Concen: 47.826 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX015499.D

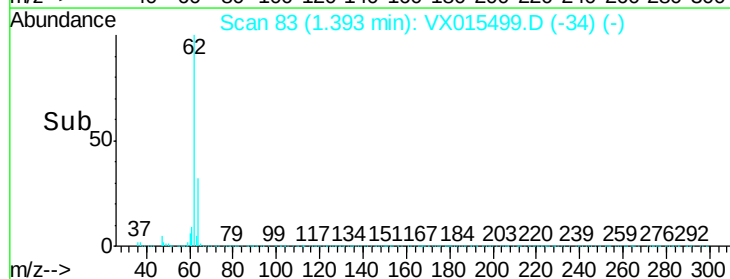
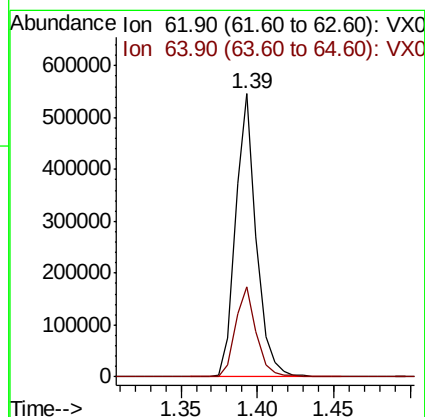
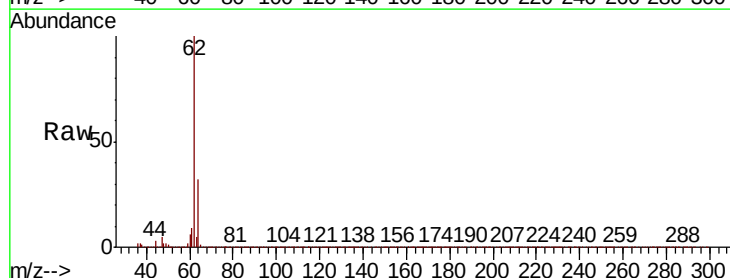
Acq: 02 Apr 2020 21:47

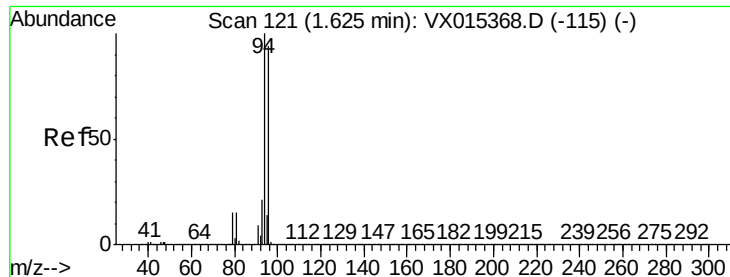
Tgt Ion: 62 Resp: 508883

Ion Ratio Lower Upper

62 100

64 31.9 26.0 39.0





#5

Bromomethane

Concen: 44.995 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

Instrument :

MSVOA_X

ClientSampleId :

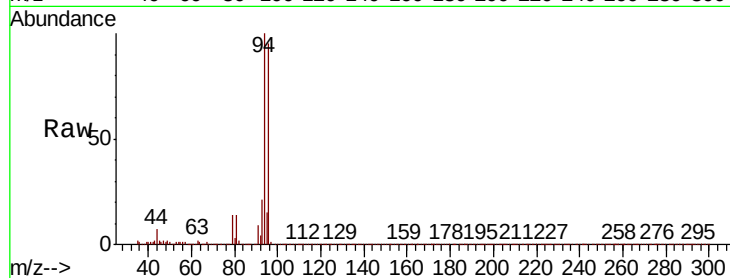
VSTDCCC050EC

Tot Ion: 94 Resp: 224664

Ion Ratio Lower Upper

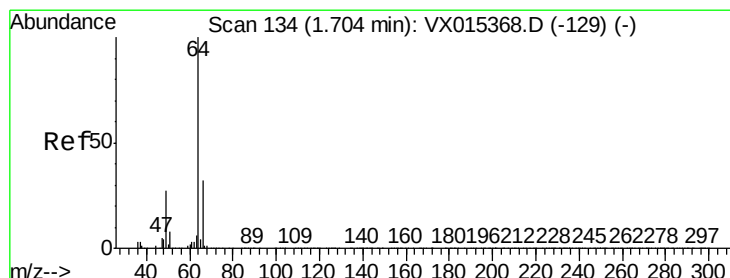
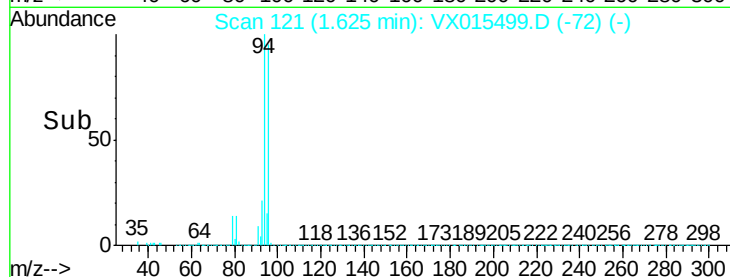
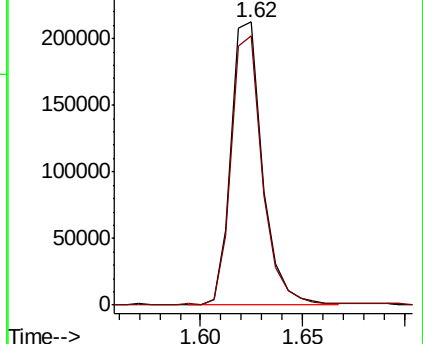
94 100

96 94.8 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.261 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX015499.D

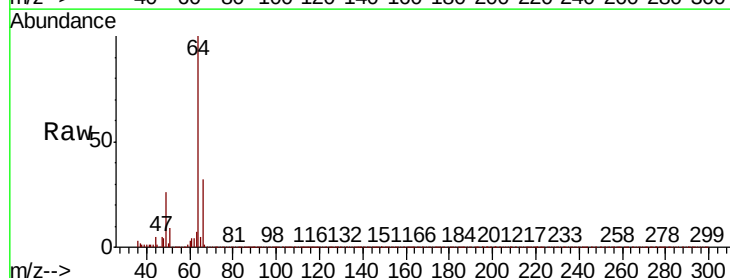
Acq: 02 Apr 2020 21:47

Tgt Ion: 64 Resp: 311881

Ion Ratio Lower Upper

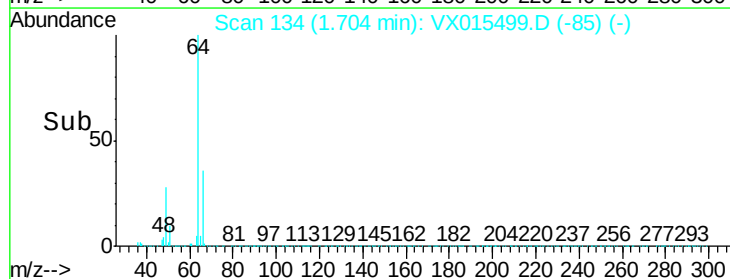
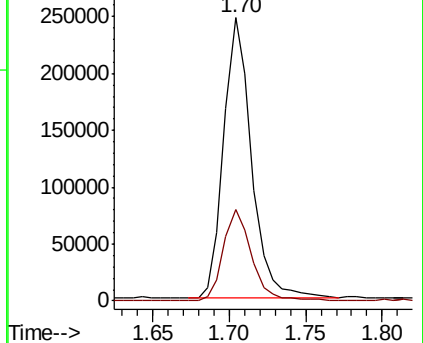
64 100

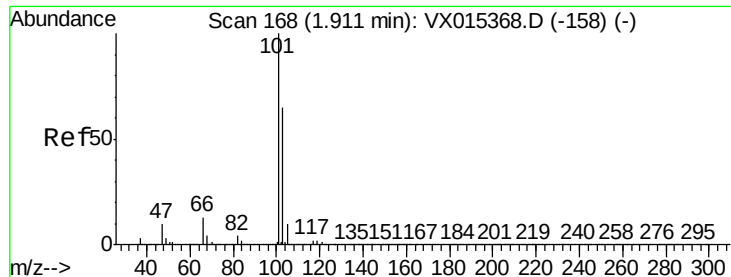
66 32.2 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



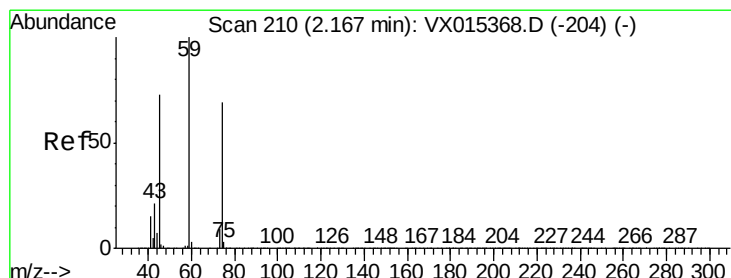
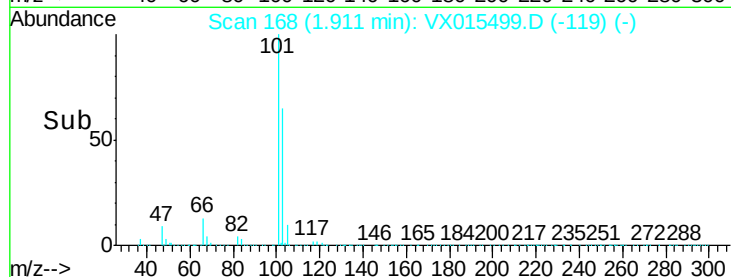
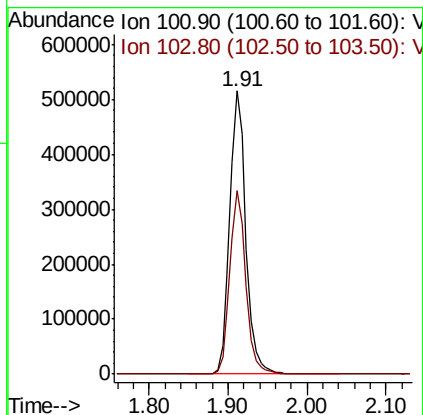
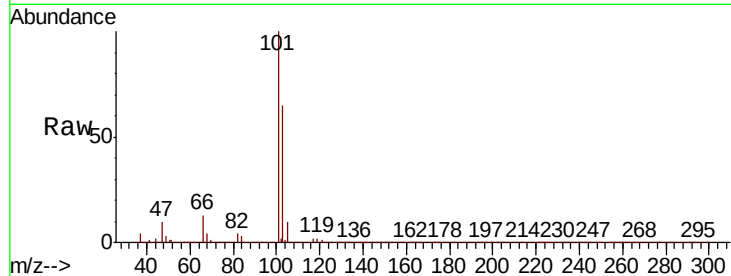


#7

Trichlorofluoromethane
Concen: 51.250 ug/l
RT: 1.91 min Scan# 168
Delta R.T. -0.00 min
Lab File: VX015499.D
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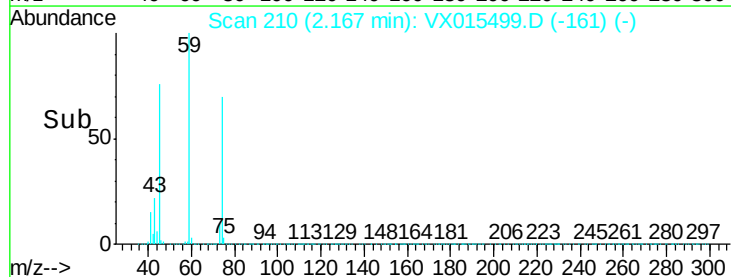
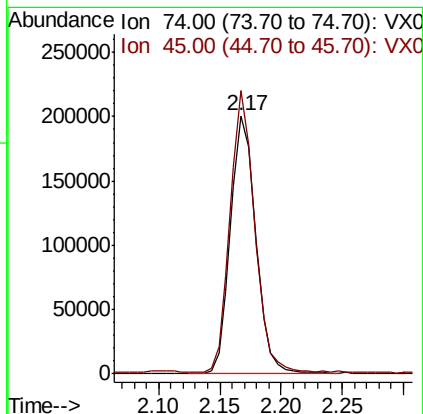
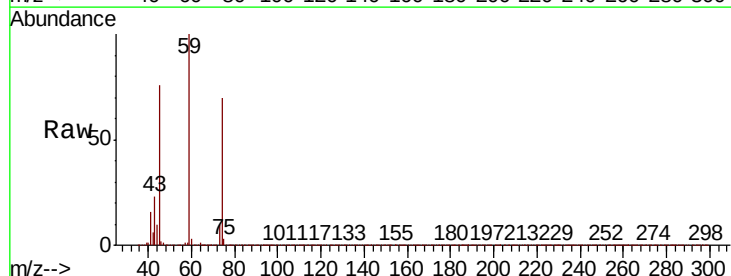
Tot Ion:101 Resp: 731321
Ion Ratio Lower Upper
101 100
103 64.9 52.3 78.5

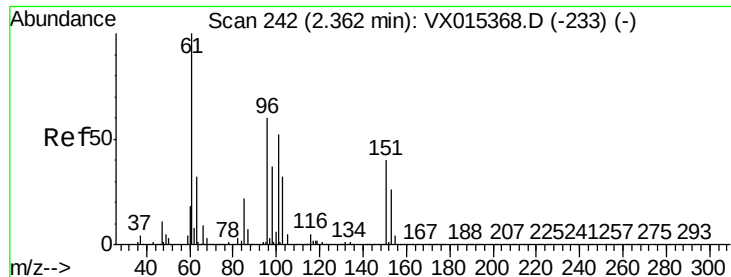


#8

Diethyl Ether
Concen: 47.589 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX015499.D
Acq: 02 Apr 2020 21:47

Tgt Ion: 74 Resp: 286430
Ion Ratio Lower Upper
74 100
45 105.0 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.959 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

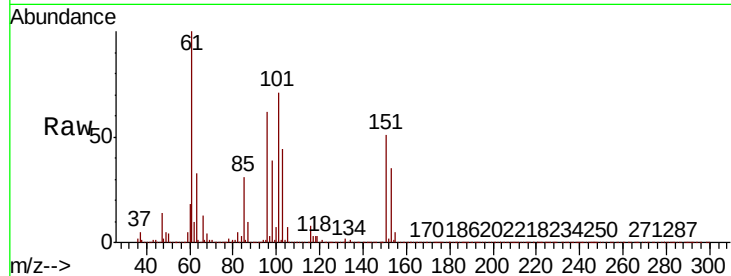
Tot Ion:101 Resp: 474043

Ion Ratio Lower Upper

101 100

85 44.5 35.0 52.4

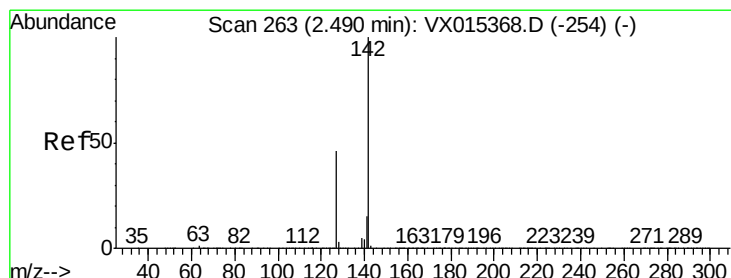
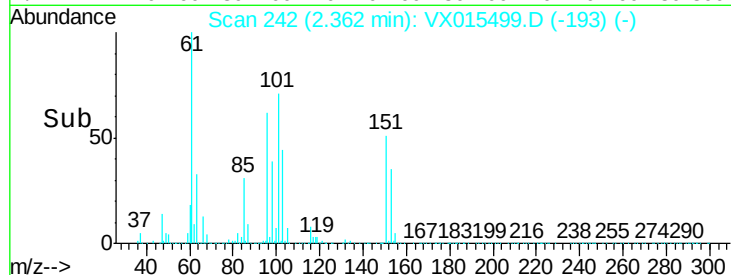
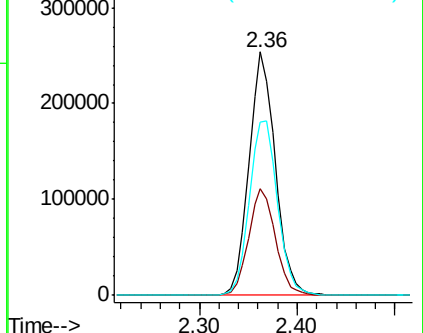
151 76.6 64.1 96.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.873 ug/l

RT: 2.49 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

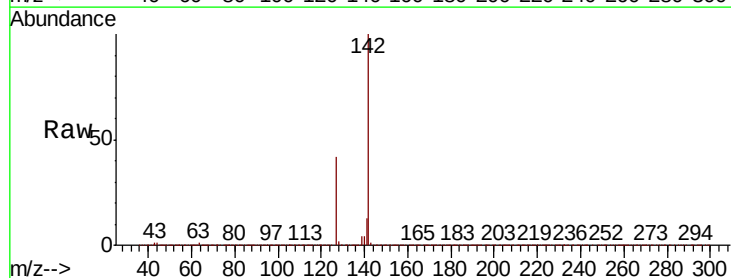
Tgt Ion:142 Resp: 575333

Ion Ratio Lower Upper

142 100

127 45.1 35.9 53.9

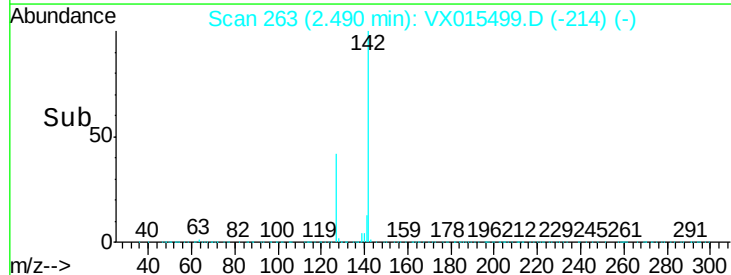
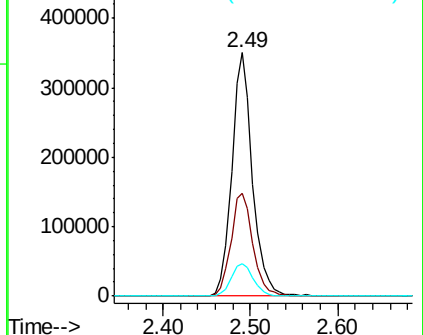
141 14.3 11.6 17.4

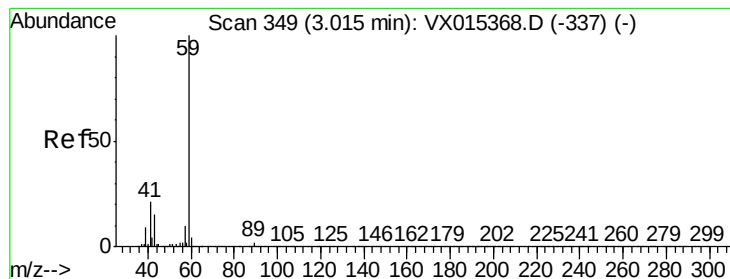


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



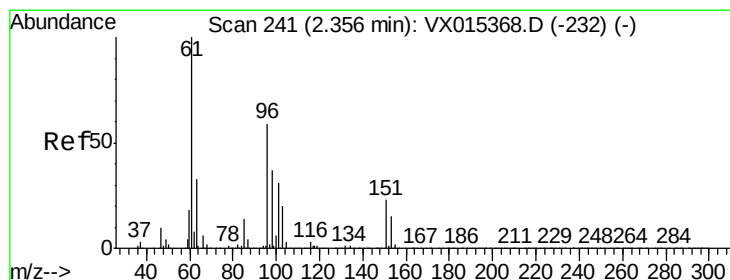
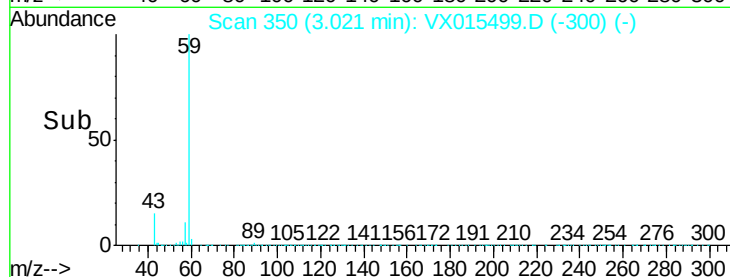
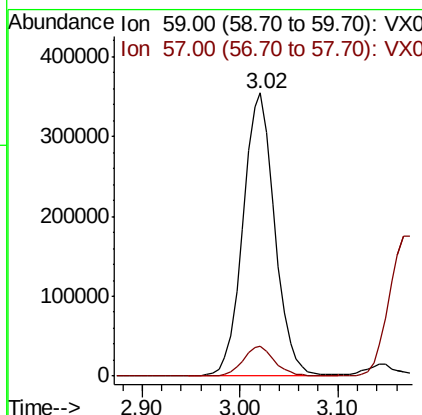
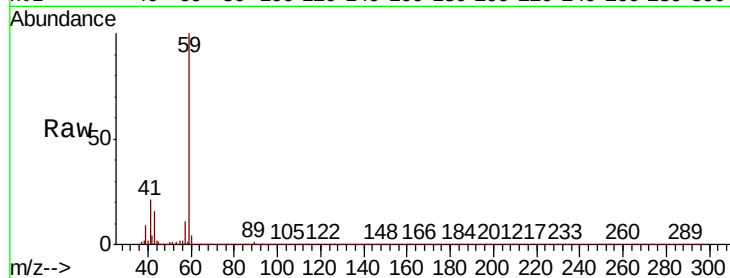


#11

Tert butyl alcohol
Concen: 227.349 ug/l
RT: 3.02 min Scan# 350
Delta R.T. 0.01 min
Lab File: VX015499.D
Acq: 02 Apr 2020 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

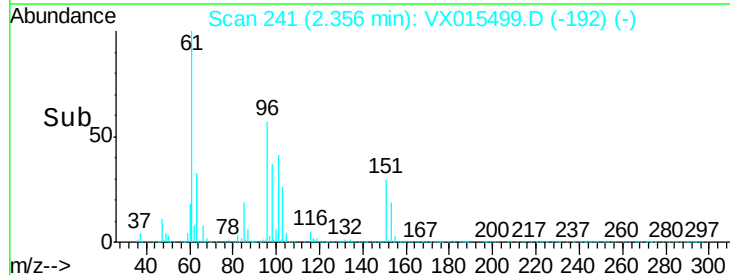
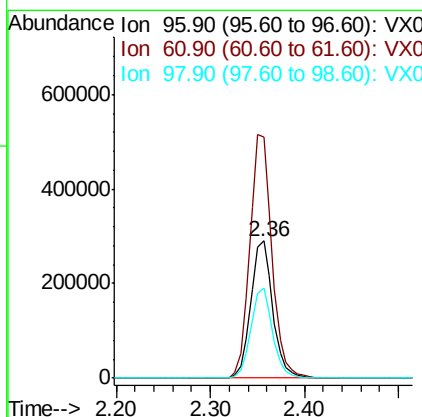
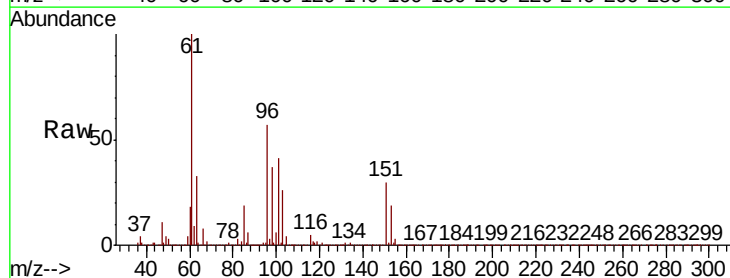
Tot Ion: 59 Resp: 792690
Ion Ratio Lower Upper
59 100
57 10.2 8.1 12.1

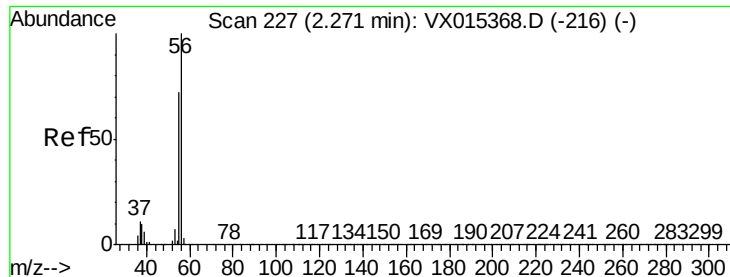


#12

1,1-Dichloroethene
Concen: 48.732 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.00 min
Lab File: VX015499.D
Acq: 02 Apr 2020 21:47

Tgt Ion: 96 Resp: 475180
Ion Ratio Lower Upper
96 100
61 176.1 135.7 203.5
98 65.4 50.6 75.8





#13

Acrolein

Concen: 263.942 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

Instrument :

MSVOA_X

ClientSampleId :

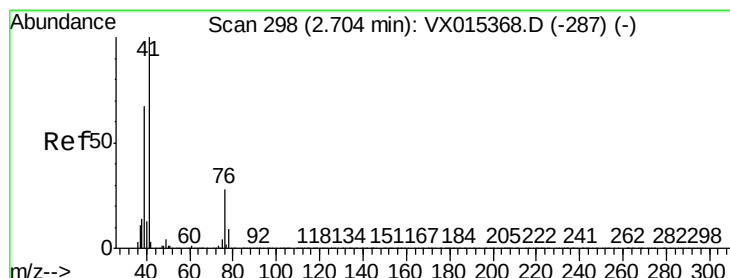
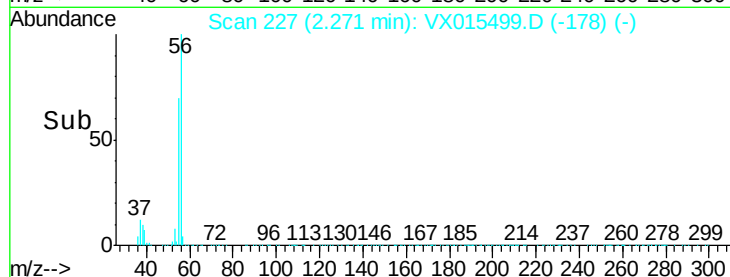
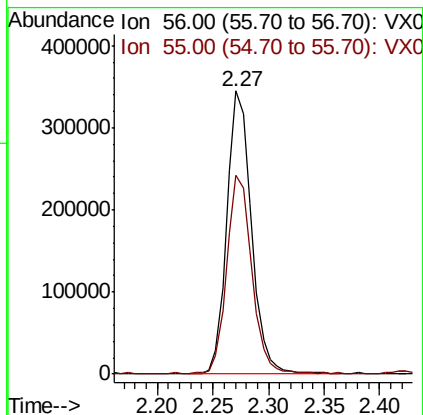
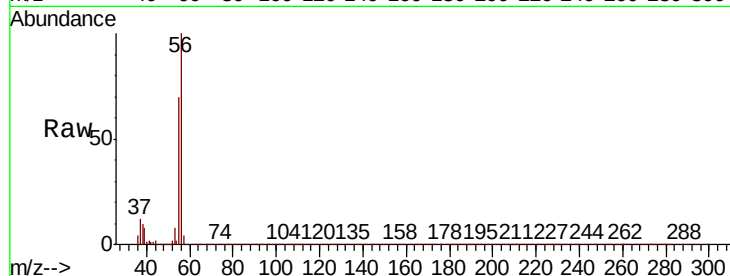
VSTDCCC050EC

Tot Ion: 56 Resp: 524231

Ion Ratio Lower Upper

56 100

55 71.0 57.0 85.4



#14

Allyl chloride

Concen: 47.026 ug/l

RT: 2.70 min Scan# 298

Delta R.T. -0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

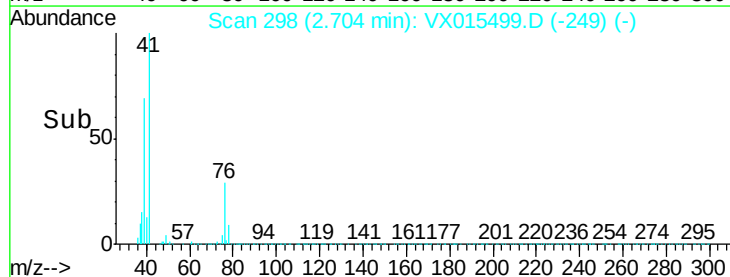
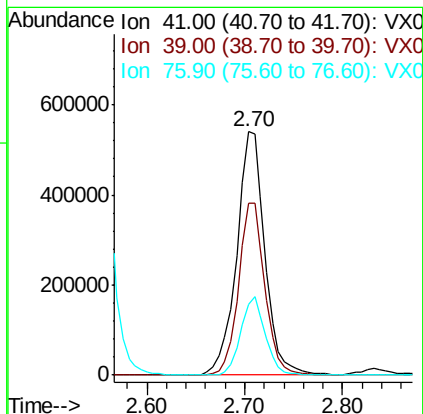
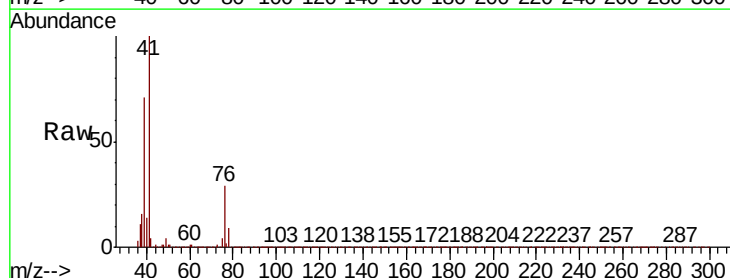
Tgt Ion: 41 Resp: 1071446

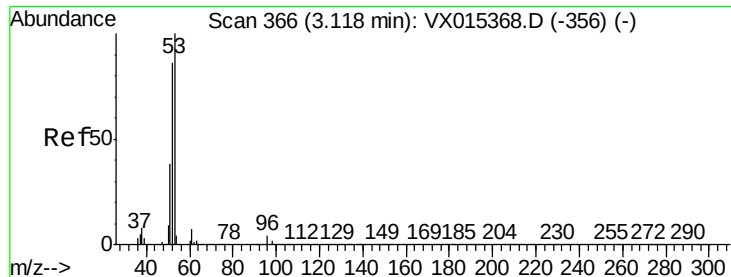
Ion Ratio Lower Upper

41 100

39 66.1 51.4 77.0

76 27.9 21.8 32.8





#15

Acrylonitrile

Concen: 244.168 ug/l

RT: 3.12 min Scan# 366

Delta R.T. -0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

Instrument :

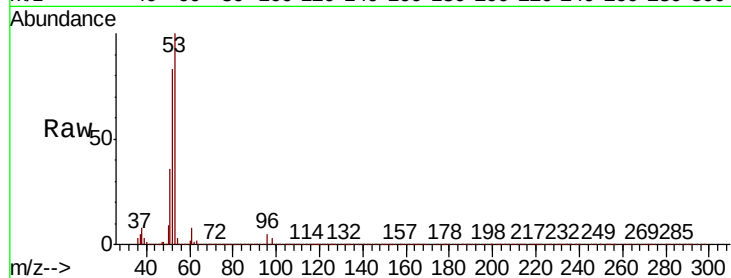
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 53 Resp: 1623549

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



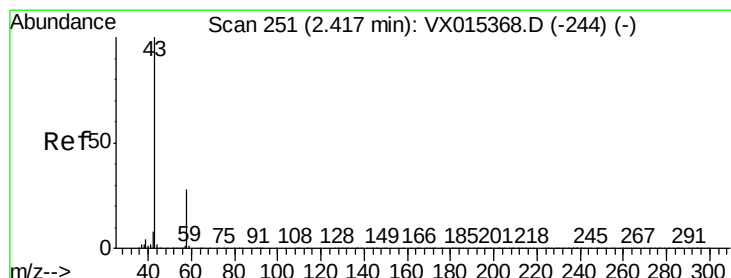
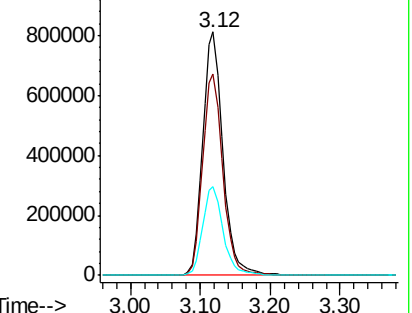
Abundance

Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

Time-->



#16

Acetone

Concen: 240.191 ug/l

RT: 2.42 min Scan# 252

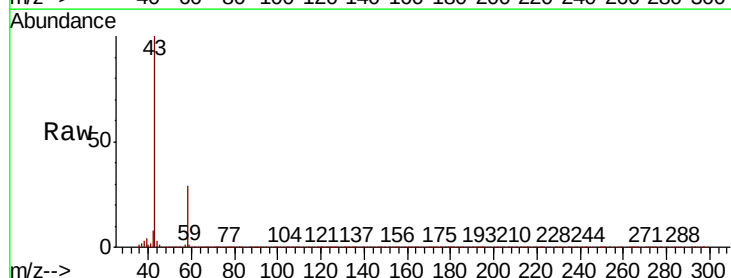
Delta R.T. 0.01 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

Tgt Ion: 43 Resp: 1503182

Ion	Ratio	Lower	Upper
43	100		
58	28.9	22.1	33.1

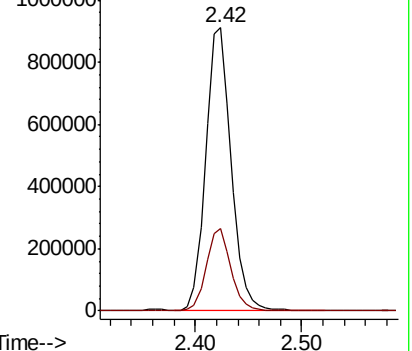


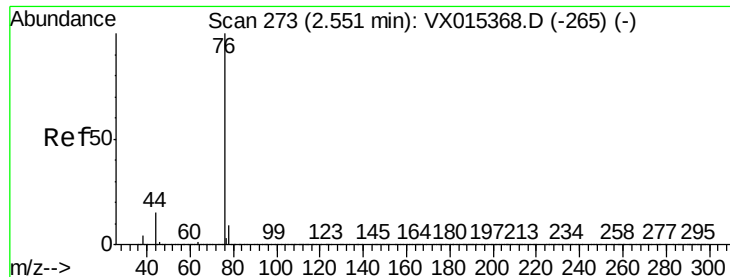
Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

Time-->





#17

Carbon Disulfide

Concen: 46.533 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

Instrument :

MSVOA_X

ClientSampleId :

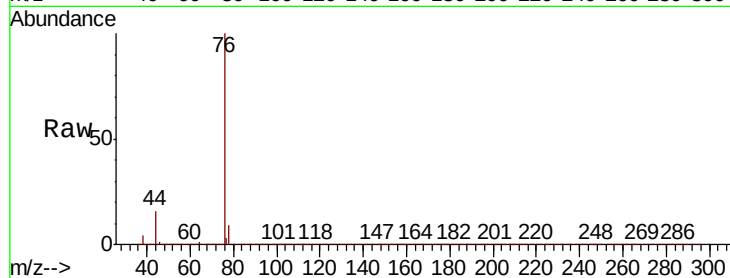
VSTDCCC050EC

Tot Ion: 76 Resp: 1384169

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

800000

600000

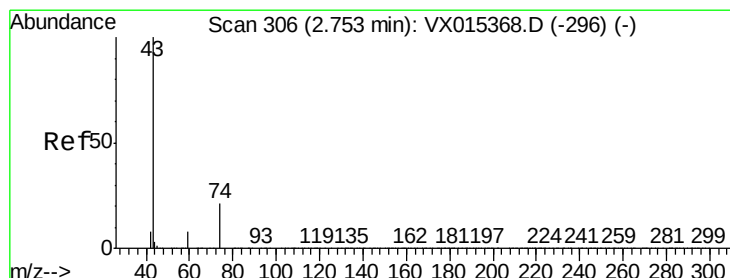
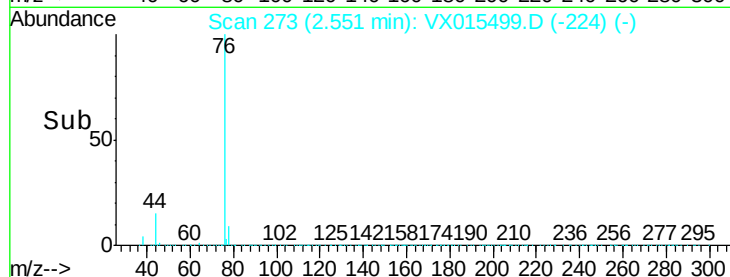
400000

200000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 49.329 ug/l

RT: 2.75 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX015499.D

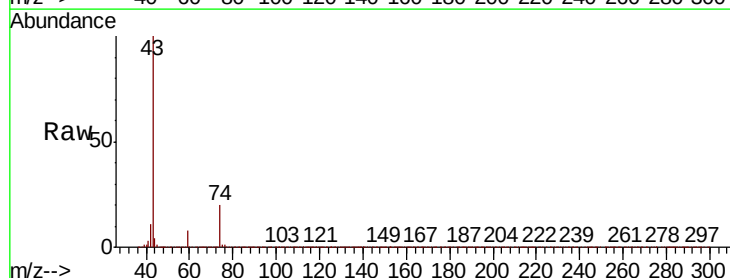
Acq: 02 Apr 2020 21:47

Tgt Ion: 43 Resp: 787932

Ion Ratio Lower Upper

43 100

74 20.8 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

500000

400000

300000

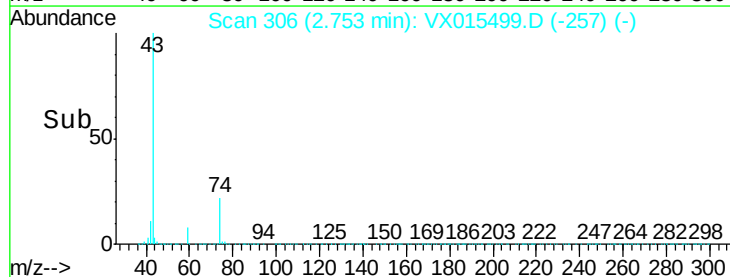
200000

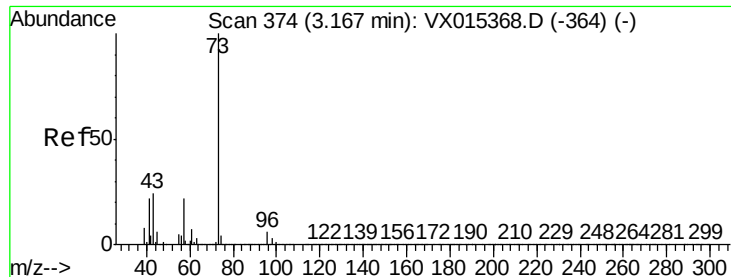
100000

0

Time-->

2.60 2.70 2.80





#19

Methyl tert-butyl Ether
 Concen: 48.445 ug/l
 RT: 3.17 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VX015499.D
 Acq: 02 Apr 2020 21:47

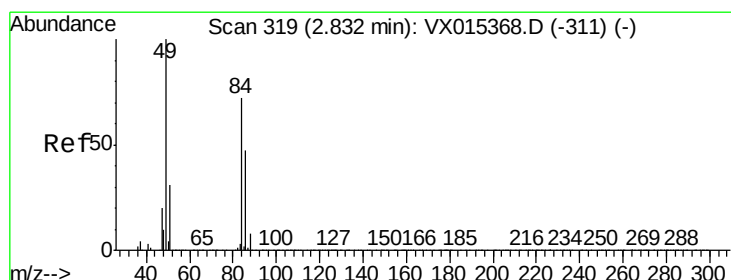
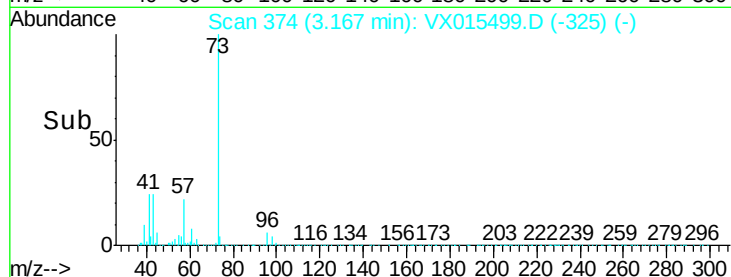
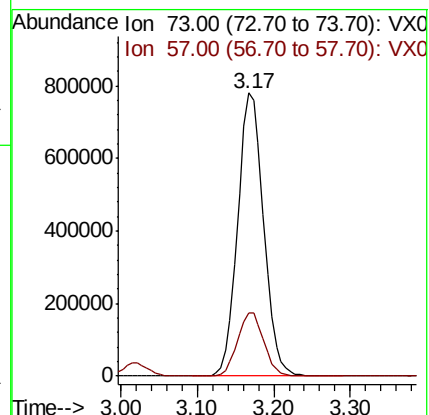
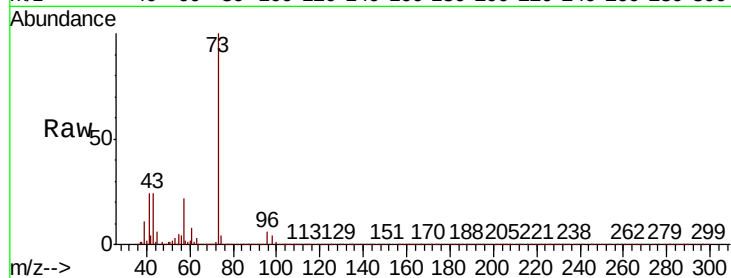
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 73 Resp: 1832092

Ion Ratio Lower Upper

73 100

57 22.4 17.9 26.9



#20

Methylene Chloride
 Concen: 46.963 ug/l
 RT: 2.83 min Scan# 319
 Delta R.T. -0.00 min
 Lab File: VX015499.D
 Acq: 02 Apr 2020 21:47

Tgt Ion: 84 Resp: 548972

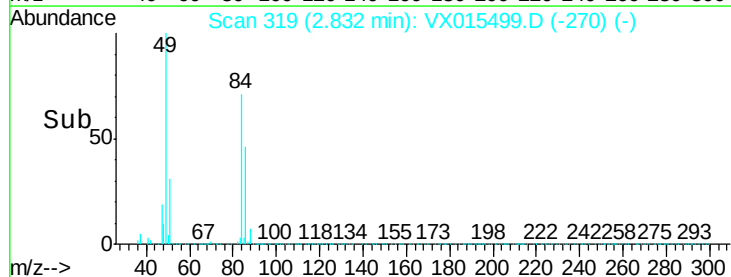
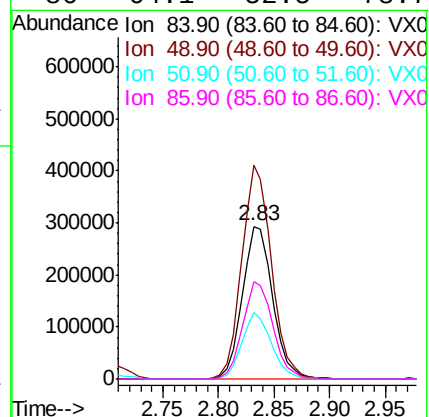
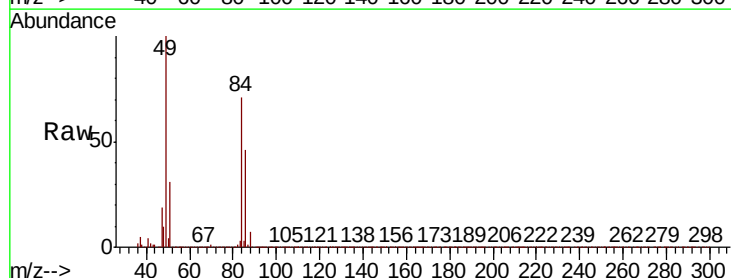
Ion Ratio Lower Upper

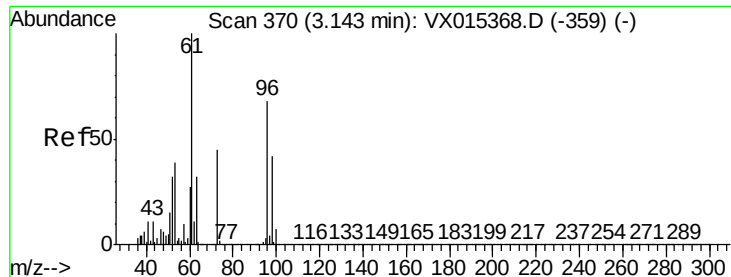
84 100

49 140.4 111.3 166.9

51 43.2 34.0 51.0

86 64.1 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 47.754 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

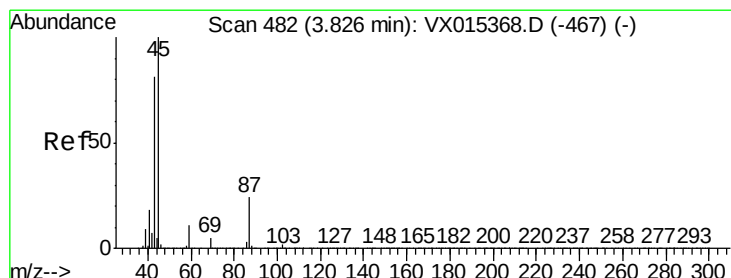
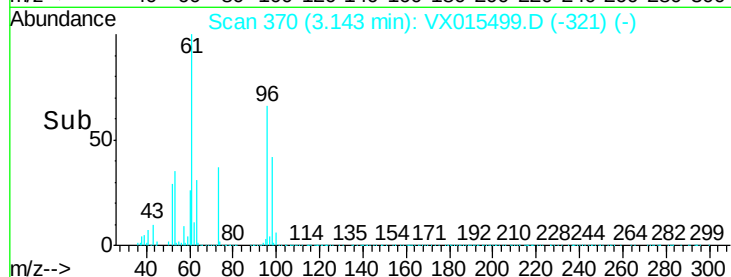
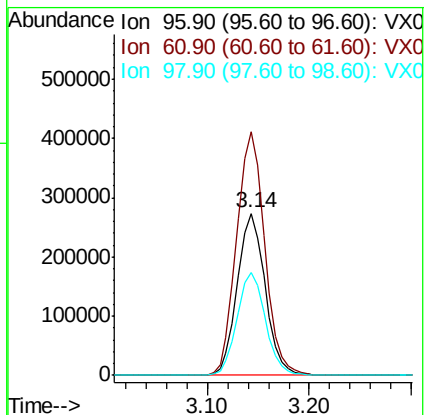
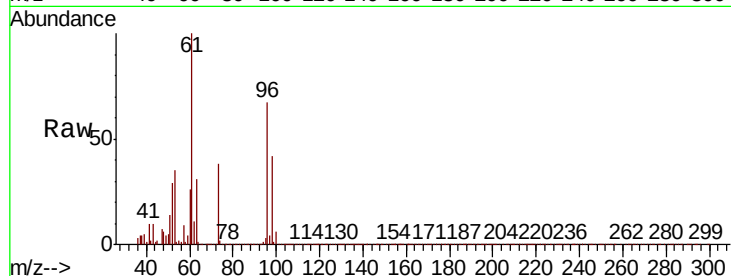
Tot Ion: 96 Resp: 516780

Ion Ratio Lower Upper

96 100

61 150.2 116.9 175.3

98 63.1 48.6 73.0



#22

Diisopropyl ether

Concen: 49.184 ug/l

RT: 3.83 min Scan# 482

Delta R.T. -0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

Tgt Ion: 45 Resp: 1985721

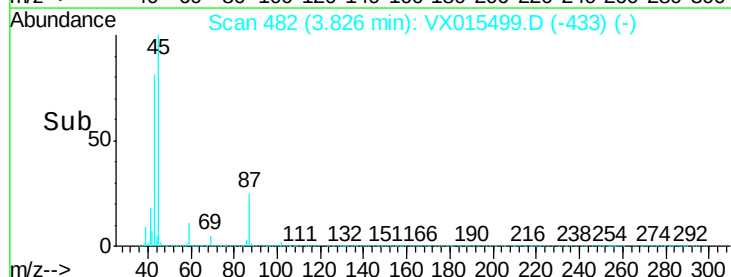
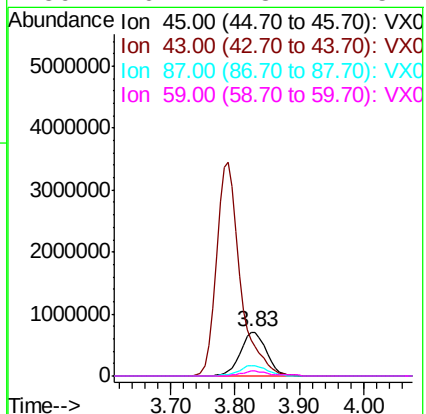
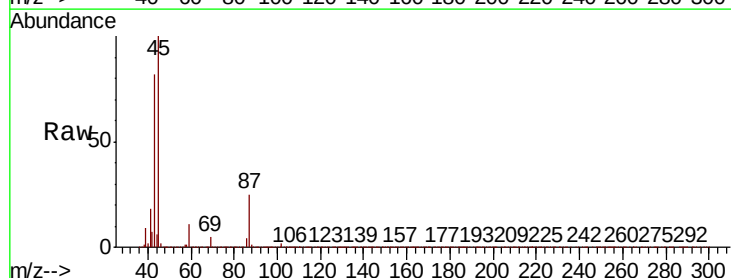
Ion Ratio Lower Upper

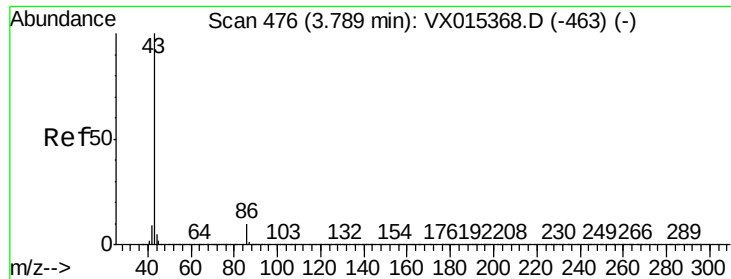
45 100

43 81.5 64.7 97.1

87 24.6 19.4 29.0

59 10.7 8.7 13.1





#23

Vinyl Acetate

Concen: 245.082 ug/l

RT: 3.79 min Scan# 476

Delta R.T. -0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

Instrument :

MSVOA_X

ClientSampleId :

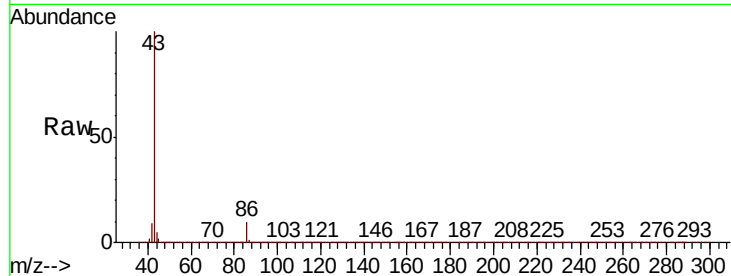
VSTDCCC050EC

Tot Ion: 43 Resp: 8958717

Ion Ratio Lower Upper

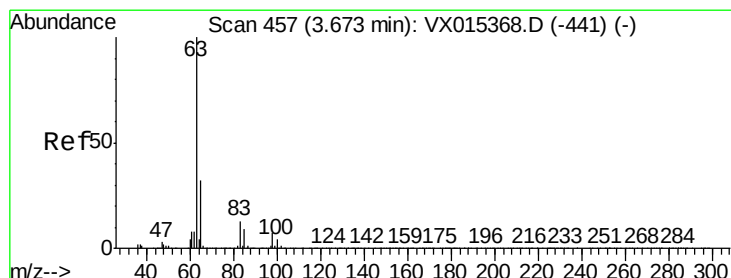
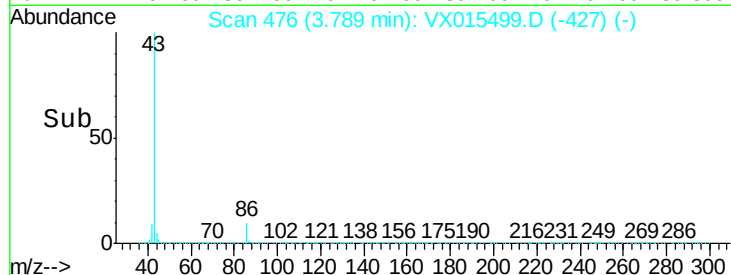
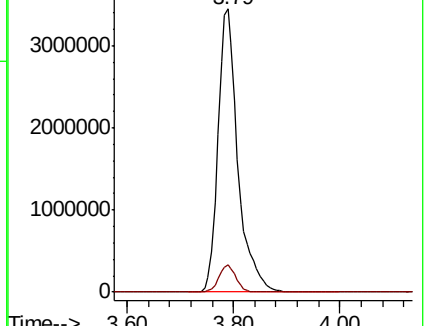
43 100

86 9.7 7.8 11.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 47.936 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

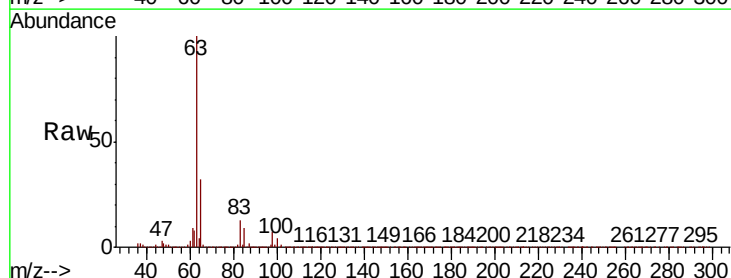
Tgt Ion: 63 Resp: 1018981

Ion Ratio Lower Upper

63 100

98 7.0 3.3 9.8

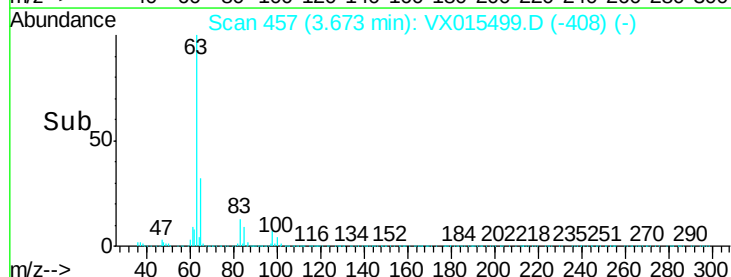
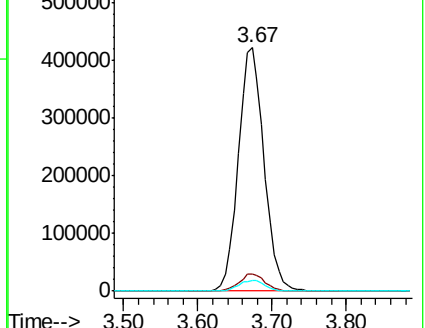
100 4.4 2.1 6.5

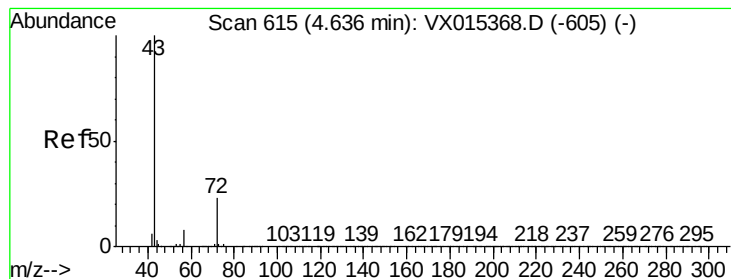


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 240.474 ug/l

RT: 4.64 min Scan# 615

Delta R.T. -0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

Instrument :

MSVOA_X

ClientSampleId :

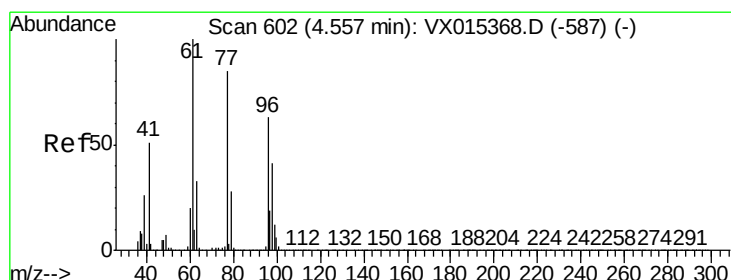
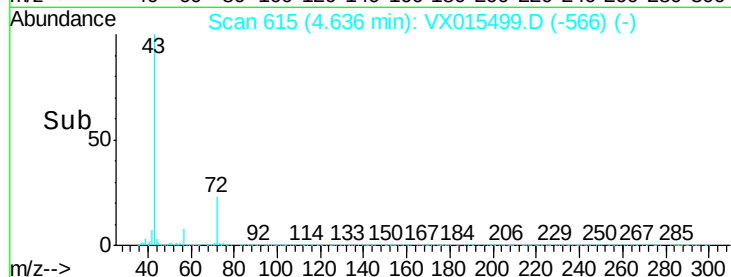
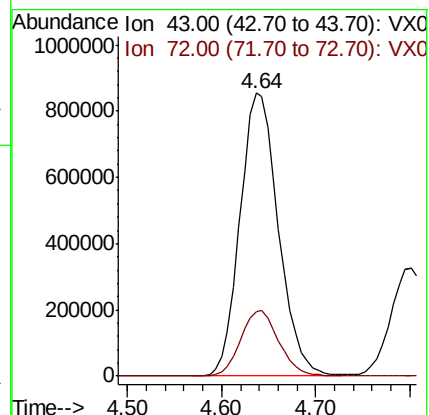
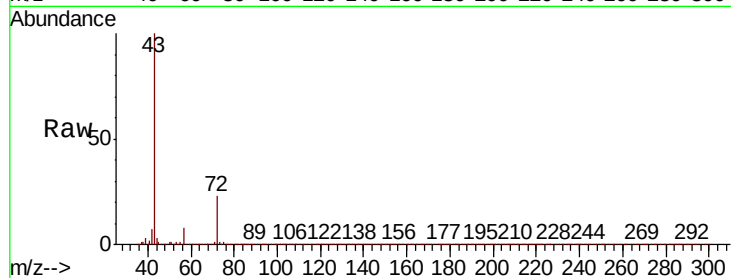
VSTDCCC050EC

Tot Ion: 43 Resp: 2420278

Ion Ratio Lower Upper

43 100

72 22.7 19.0 28.4



#26

2,2-Dichloropropane

Concen: 43.477 ug/l

RT: 4.56 min Scan# 602

Delta R.T. -0.00 min

Lab File: VX015499.D

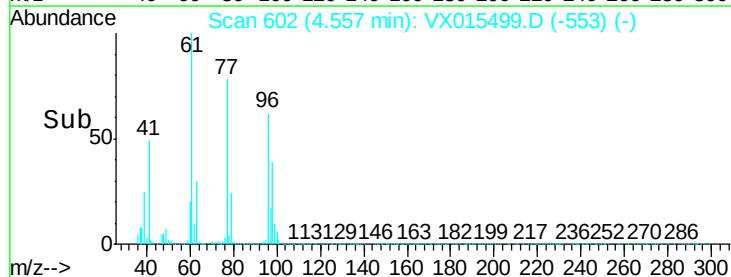
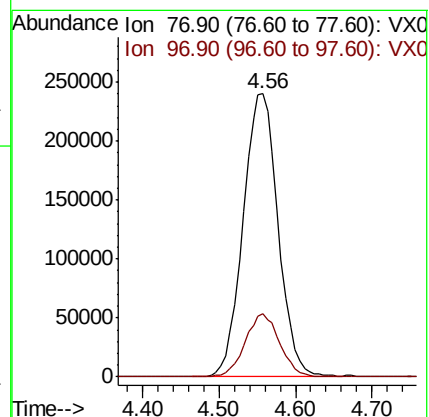
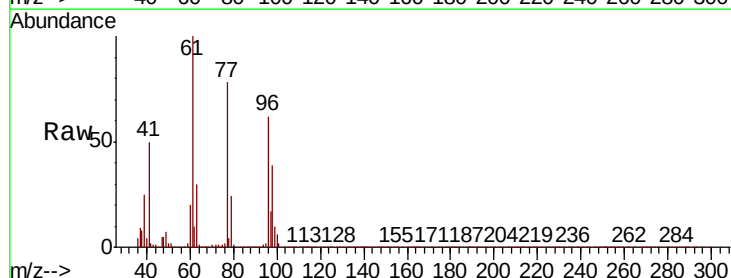
Acq: 02 Apr 2020 21:47

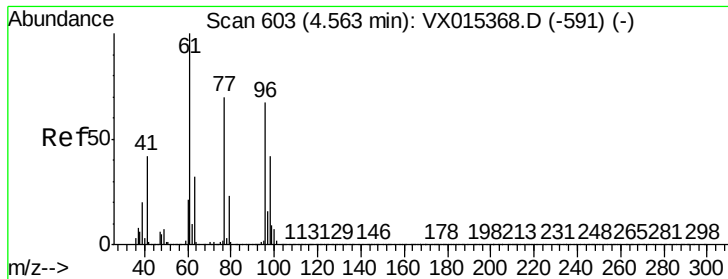
Tgt Ion: 77 Resp: 758588

Ion Ratio Lower Upper

77 100

97 21.8 11.3 33.8



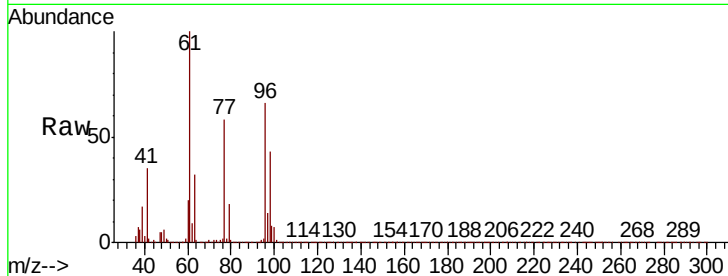


#27

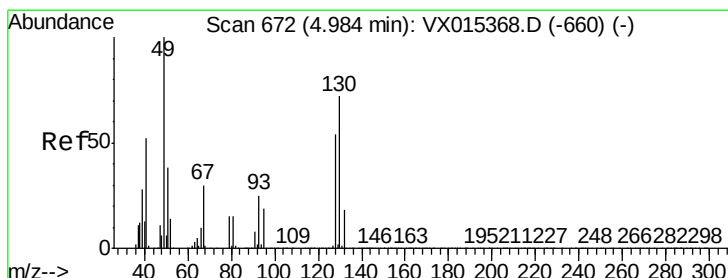
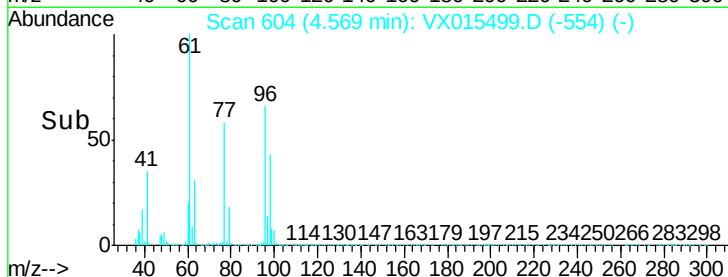
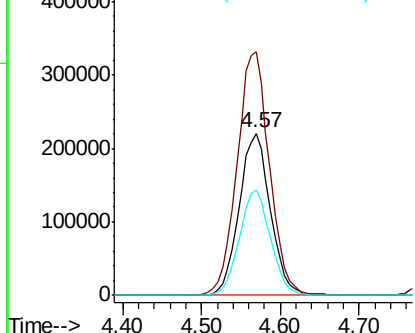
cis-1,2-Dichloroethene
 Concen: 48.384 ug/l
 RT: 4.57 min Scan# 604
 Delta R.T. 0.01 min
 Lab File: VX015499.D
 Acq: 02 Apr 2020 21:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	155.8	0.0	308.4
98	65.1	0.0	129.2



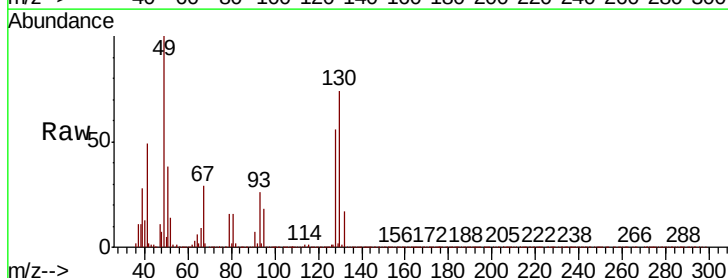
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



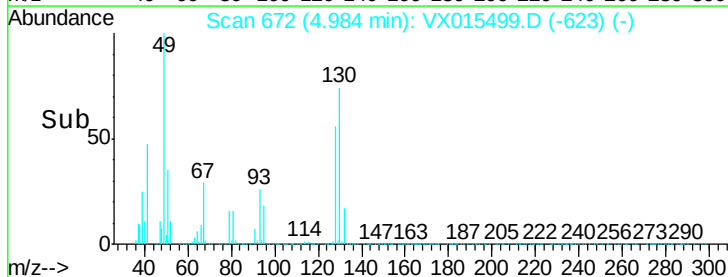
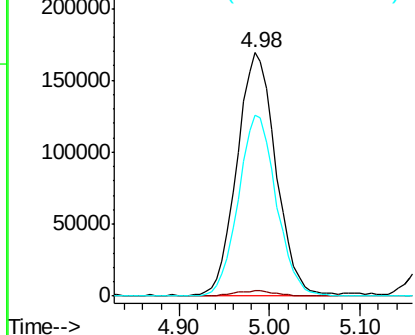
#28

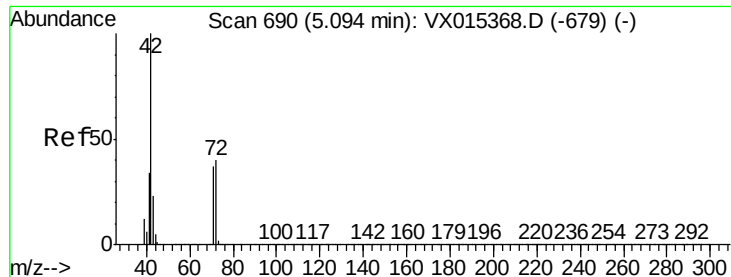
Bromochloromethane
 Concen: 49.205 ug/l
 RT: 4.98 min Scan# 672
 Delta R.T. -0.00 min
 Lab File: VX015499.D
 Acq: 02 Apr 2020 21:47

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.4
130	72.8	57.7	86.5



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





#29

Tetrahydrofuran

Concen: 241.128 ug/l

RT: 5.09 min Scan# 690

Delta R.T. -0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

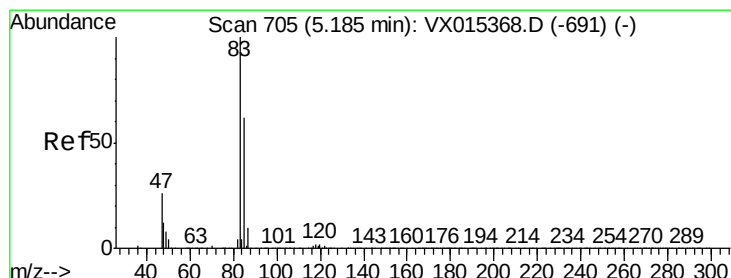
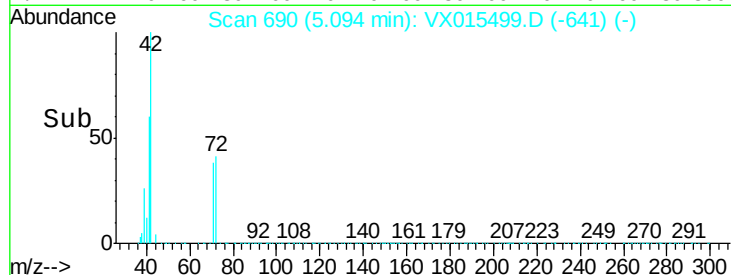
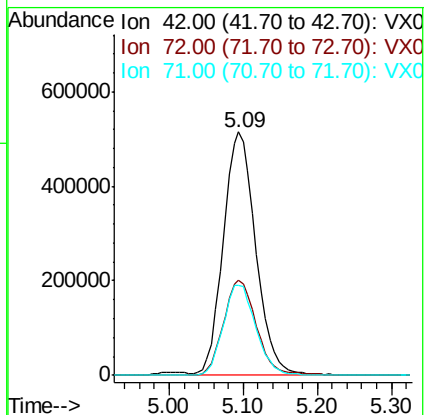
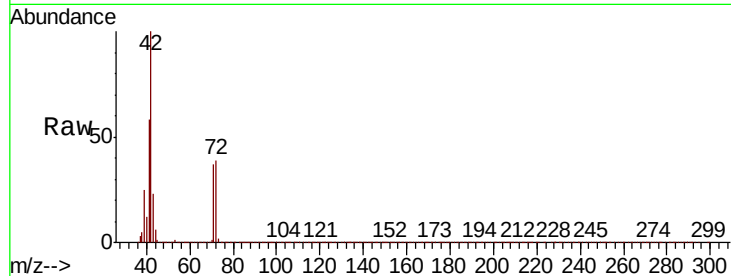
Tot Ion: 42 Resp: 1560164

Ion Ratio Lower Upper

42 100

72 39.8 31.7 47.5

71 37.4 29.6 44.4



#30

Chloroform

Concen: 48.633 ug/l

RT: 5.18 min Scan# 704

Delta R.T. -0.01 min

Lab File: VX015499.D

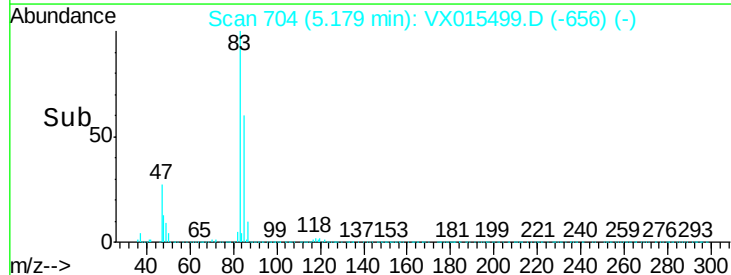
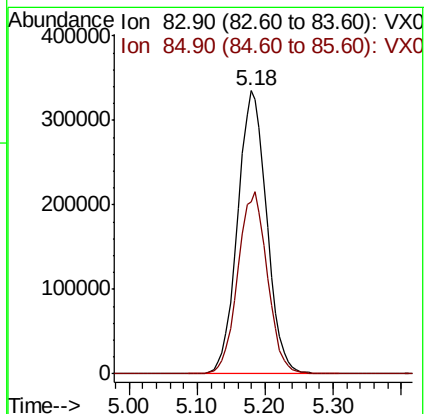
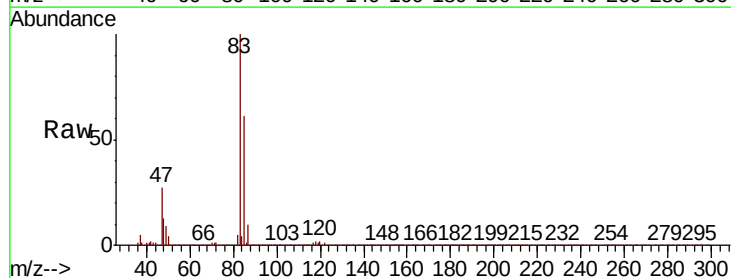
Acq: 02 Apr 2020 21:47

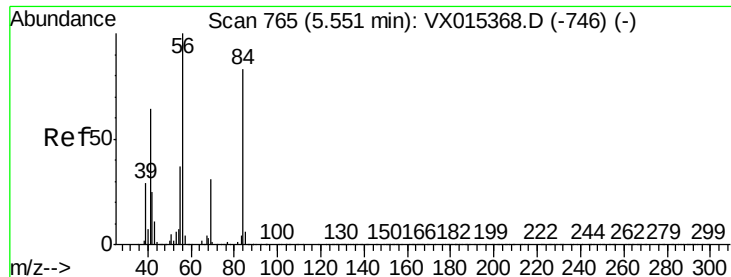
Tgt Ion: 83 Resp: 994592

Ion Ratio Lower Upper

83 100

85 60.5 49.5 74.3

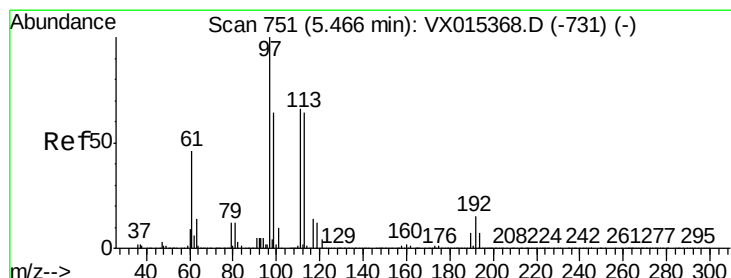
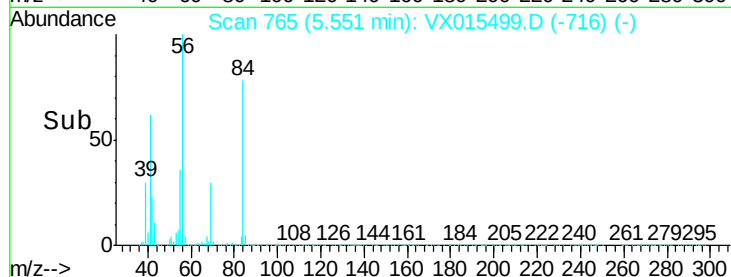
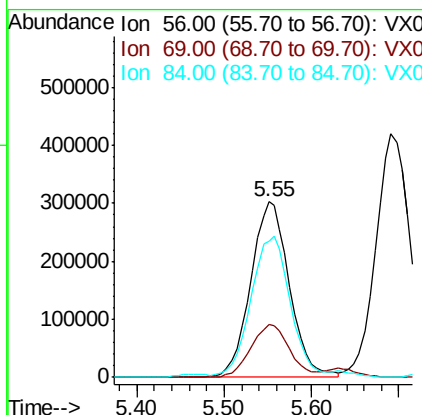
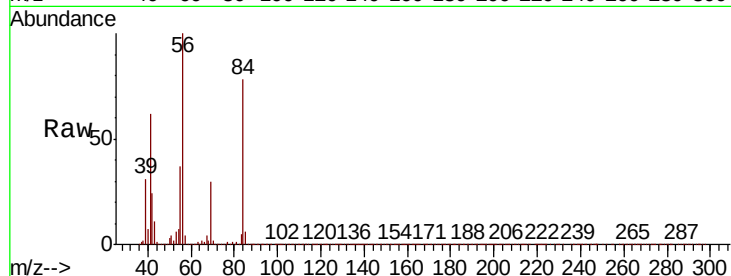




#31
Cyclohexane
Concen: 50.273 ug/l
RT: 5.55 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX015499.D
Acq: 02 Apr 2020 21:47

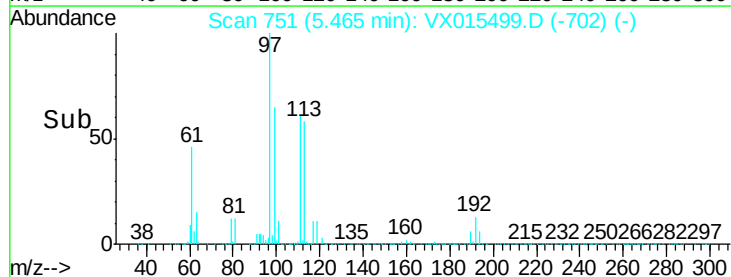
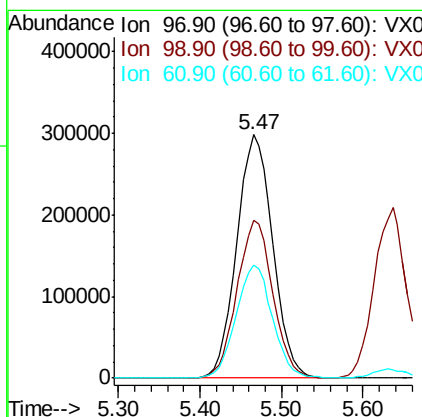
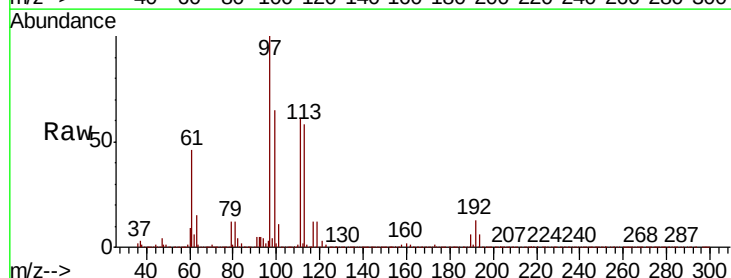
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

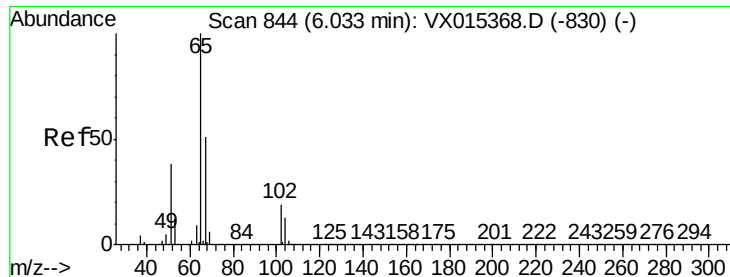
Tot Ion: 56 Resp: 927046
Ion Ratio Lower Upper
56 100
69 30.0 24.6 36.8
84 76.2 66.1 99.1



#32
1,1,1-Trichloroethane
Concen: 49.249 ug/l
RT: 5.47 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX015499.D
Acq: 02 Apr 2020 21:47

Tgt Ion: 97 Resp: 911505
Ion Ratio Lower Upper
97 100
99 64.5 51.0 76.4
61 46.4 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 48.942 ug/l

RT: 6.04 min Scan# 845

Delta R.T. 0.01 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

Instrument :

MSVOA_X

ClientSampleId :

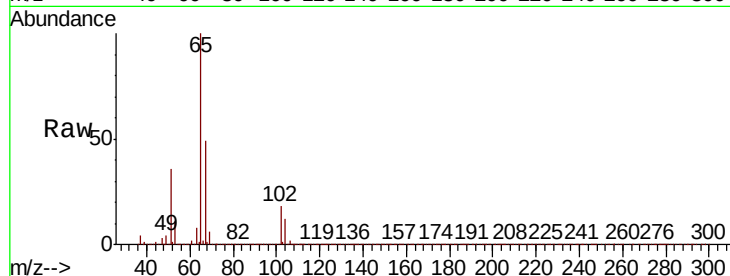
VSTDCCC050EC

Tot Ion: 65 Resp: 712932

Ion Ratio Lower Upper

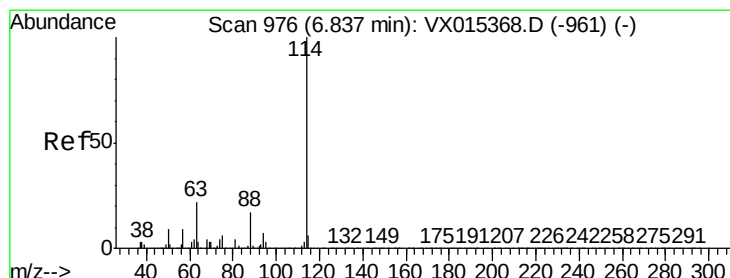
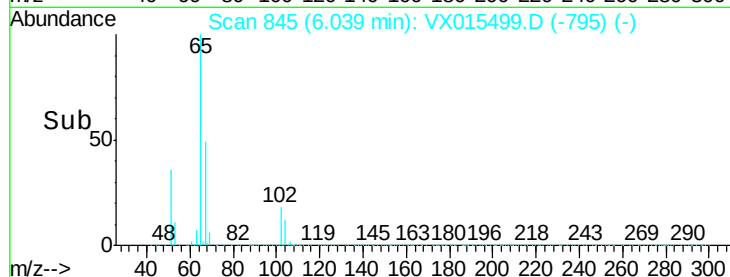
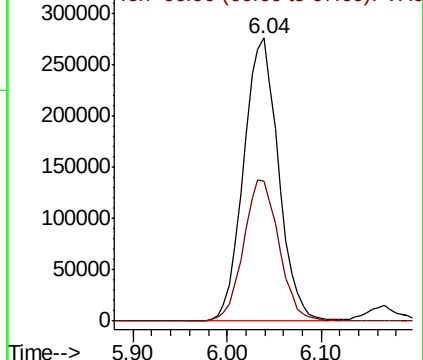
65 100

67 50.4 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

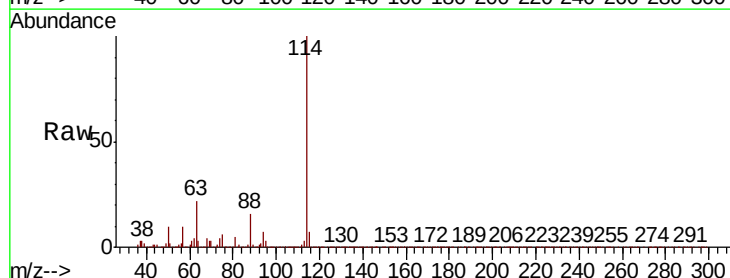
Tgt Ion: 114 Resp: 1628763

Ion Ratio Lower Upper

114 100

63 22.2 0.0 44.2

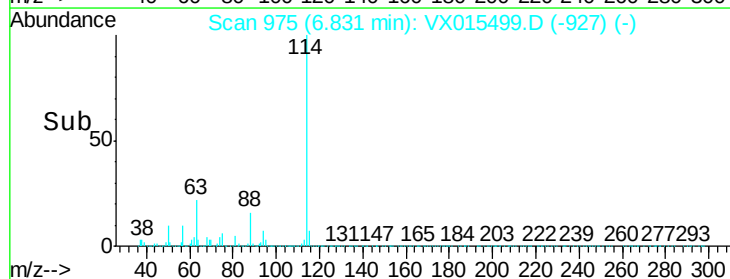
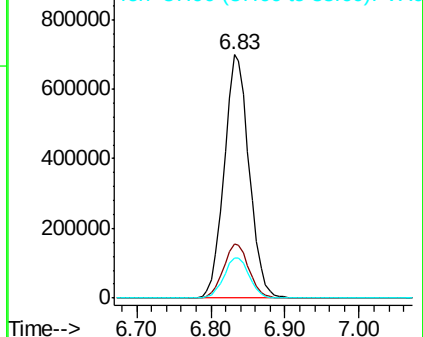
88 16.3 0.0 33.8

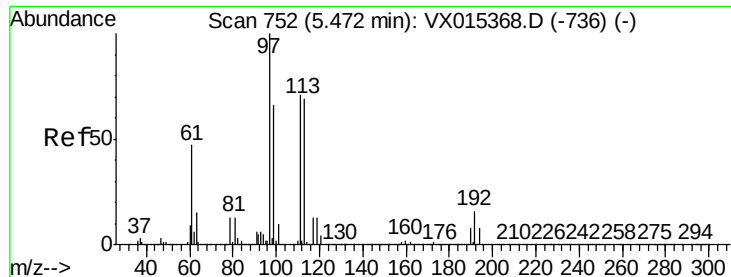


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

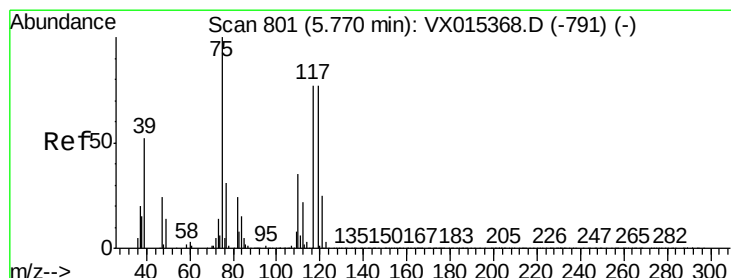
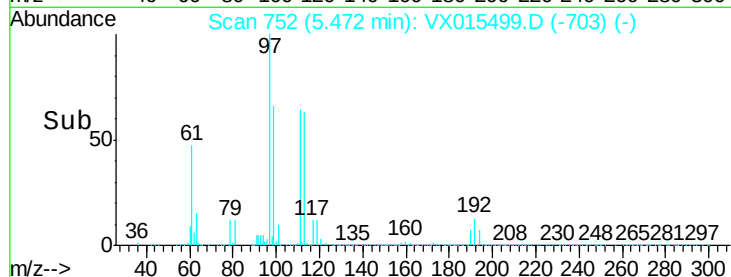
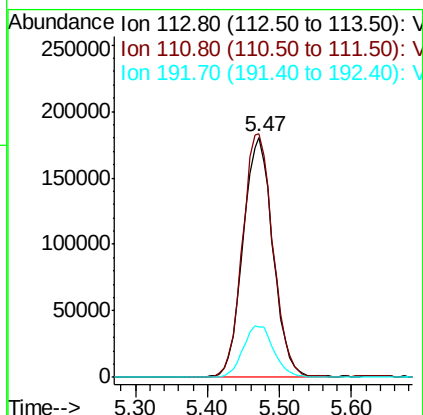
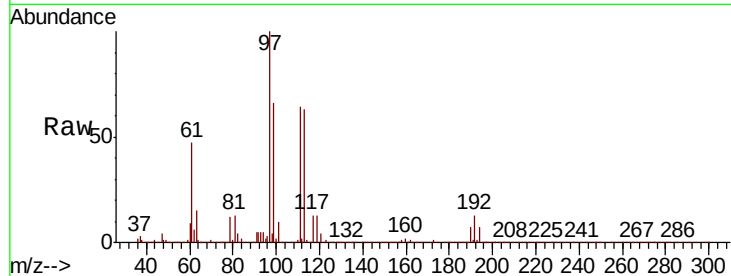




#35
 Dibromofluoromethane
 Concen: 50.123 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: VX015499.D
 Acq: 02 Apr 2020 21:47

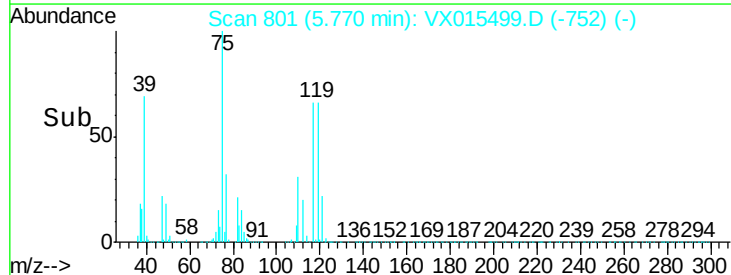
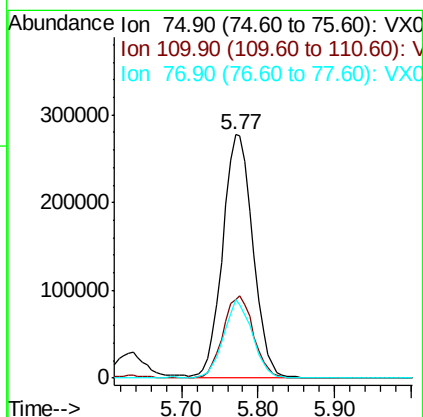
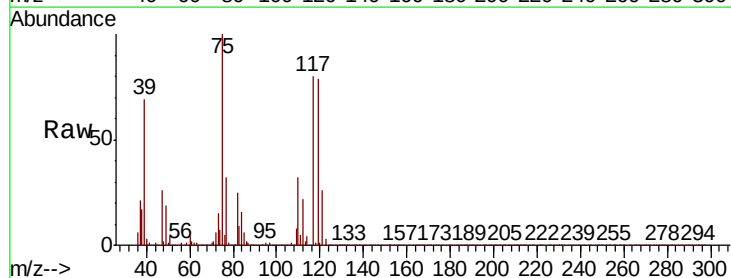
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

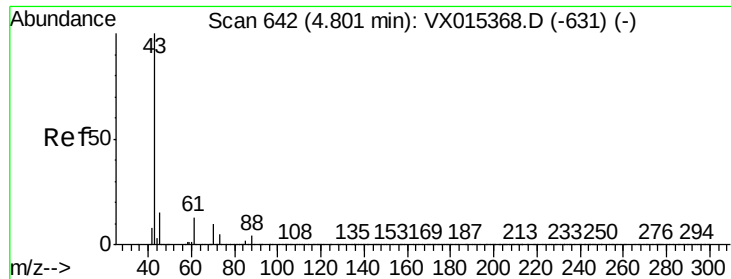
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.5	122.3
192	21.9	17.8	26.6



#36
 1,1-Dichloropropene
 Concen: 50.304 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: VX015499.D
 Acq: 02 Apr 2020 21:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.1	17.1	51.3
77	30.4	24.6	36.8

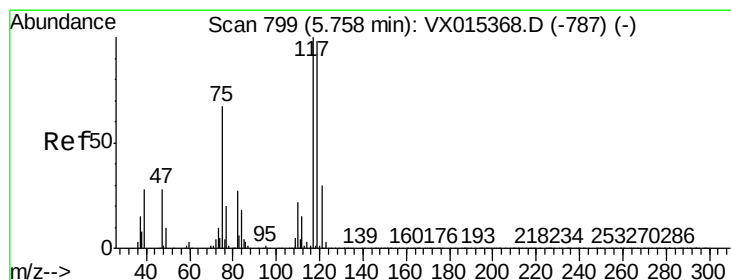
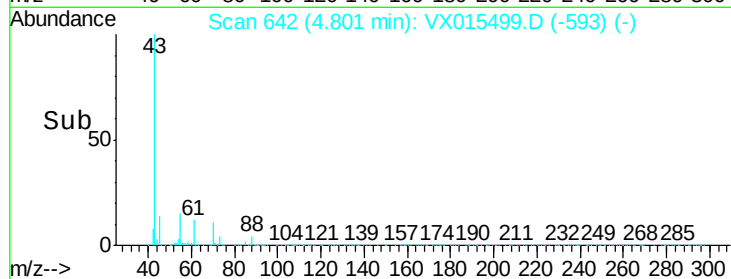
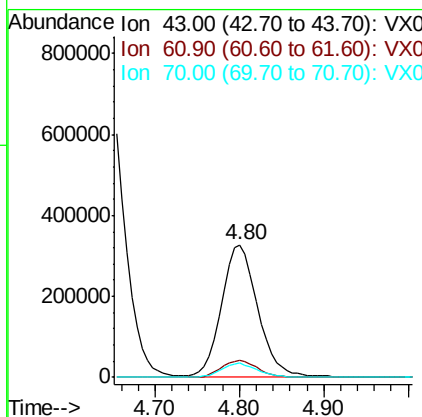
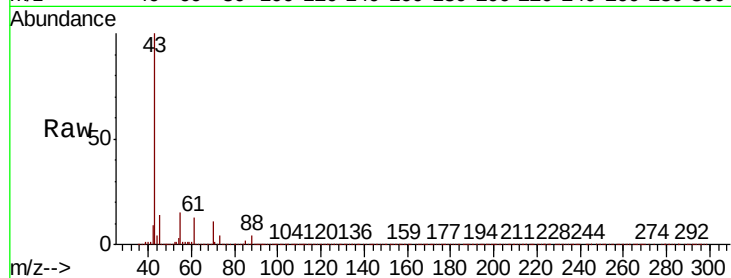




#37
Ethyl Acetate
Concen: 48.500 ug/l
RT: 4.80 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX015499.D
Acq: 02 Apr 2020 21:47

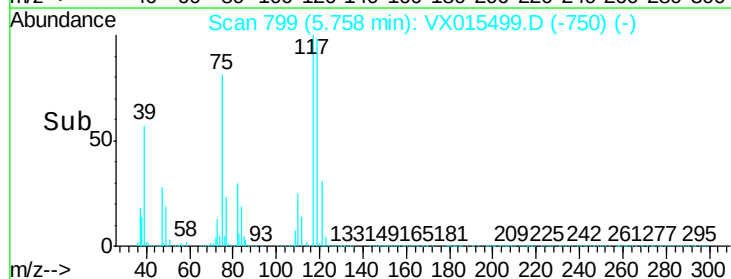
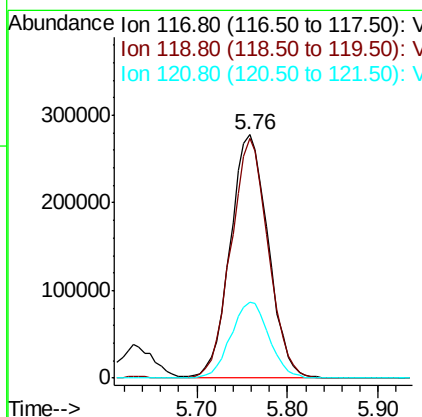
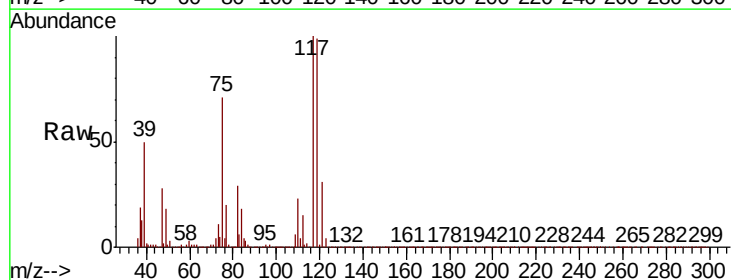
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

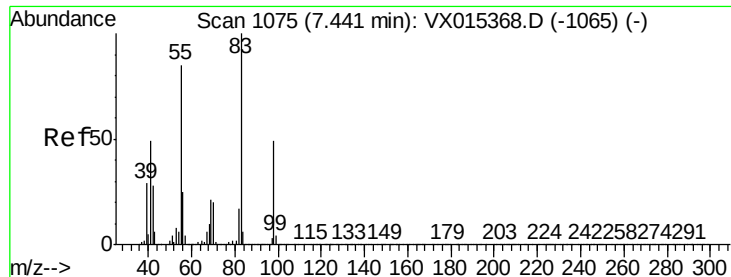
Tot Ion:	43	Resp:	947706
Ion	Ratio	Lower	Upper
43	100		
61	12.4	9.9	14.9
70	10.2	8.1	12.1



#38
Carbon Tetrachloride
Concen: 49.386 ug/l
RT: 5.76 min Scan# 799
Delta R.T. -0.00 min
Lab File: VX015499.D
Acq: 02 Apr 2020 21:47

Tgt Ion:	117	Resp:	802737
Ion	Ratio	Lower	Upper
117	100		
119	98.5	78.0	117.0
121	31.1	23.8	35.8

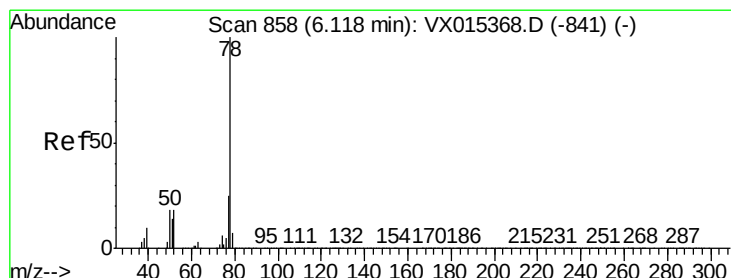
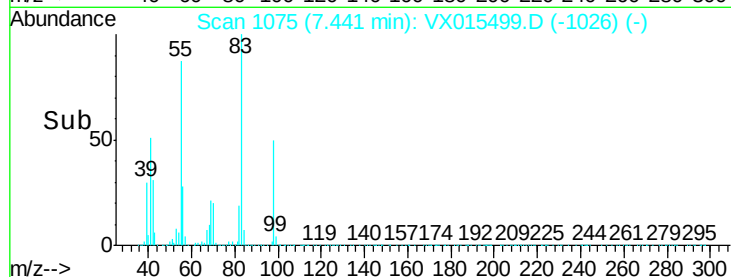
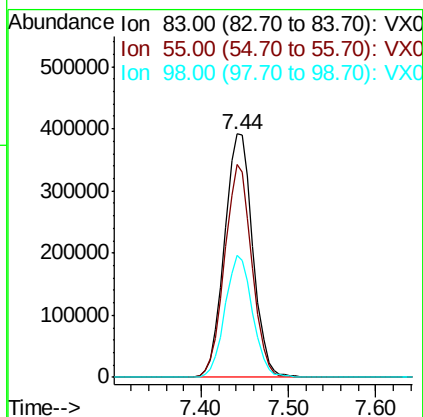
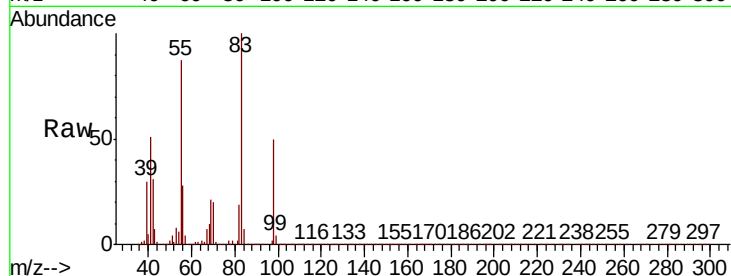




#39
Methylvlcyclohexane
Concen: 50.884 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VX015499.D
Acq: 02 Apr 2020 21:47

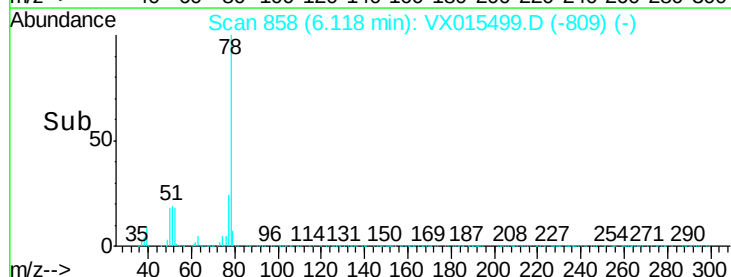
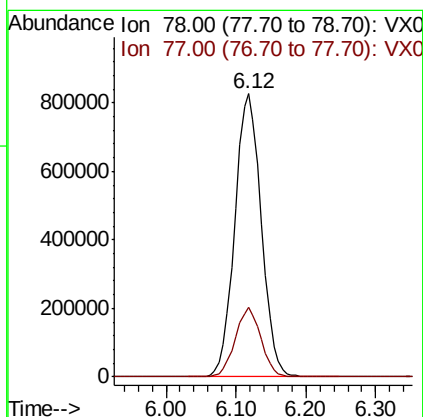
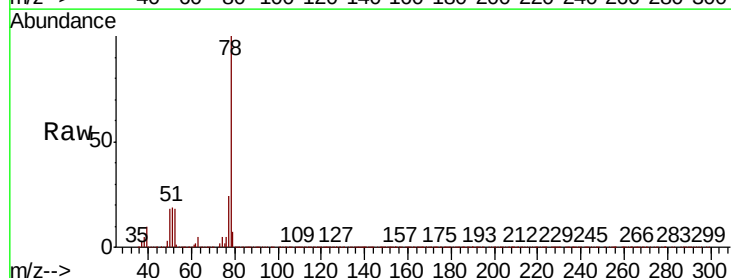
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

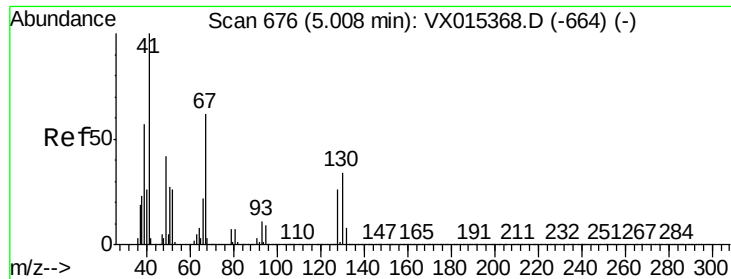
Tot Ion: 83 Resp: 880474
Ion Ratio Lower Upper
83 100
55 87.2 67.8 101.6
98 49.9 39.3 58.9



#40
Benzene
Concen: 49.251 ug/l
RT: 6.12 min Scan# 858
Delta R.T. -0.00 min
Lab File: VX015499.D
Acq: 02 Apr 2020 21:47

Tgt Ion: 78 Resp: 2165112
Ion Ratio Lower Upper
78 100
77 24.4 19.8 29.8

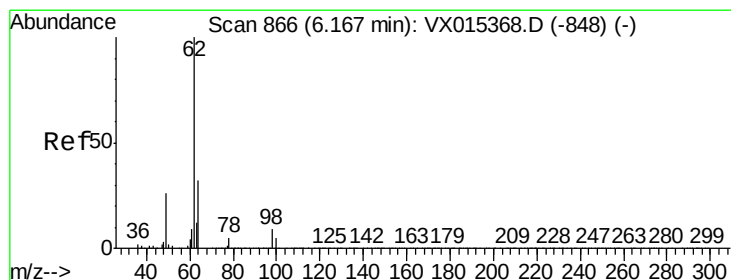
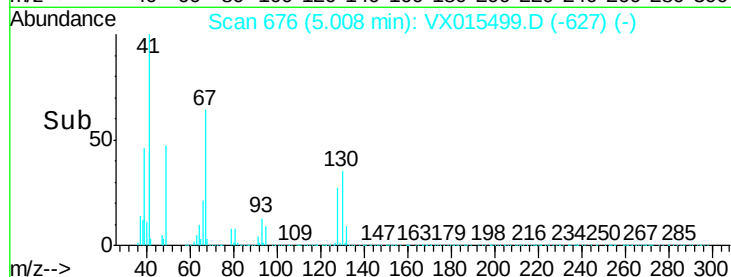
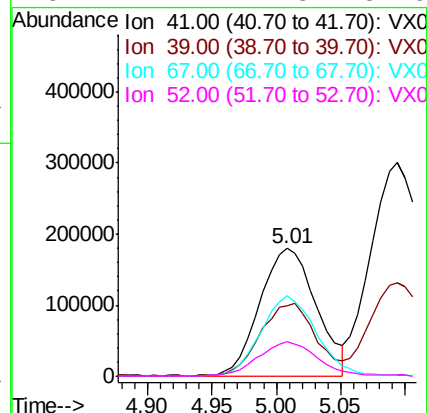
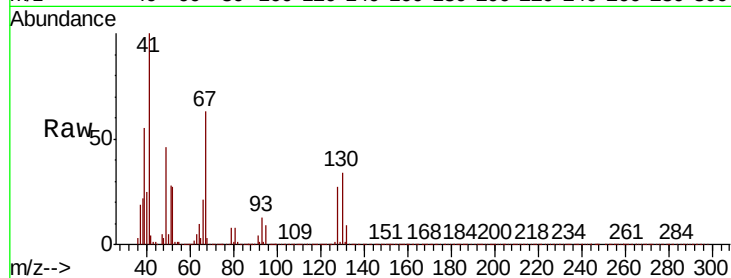




#41
Methacrylonitrile
Concen: 50.126 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.00 min
Lab File: VX015499.D
Acq: 02 Apr 2020 21:47

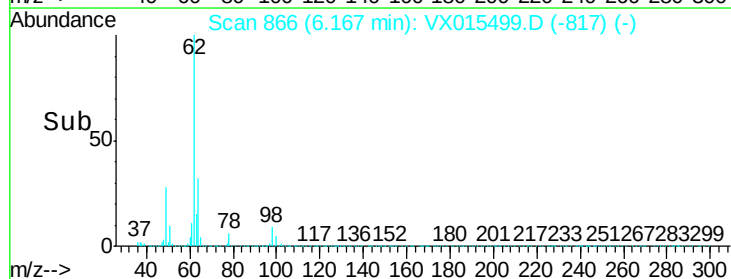
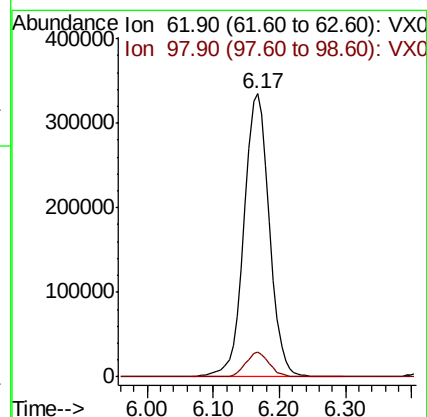
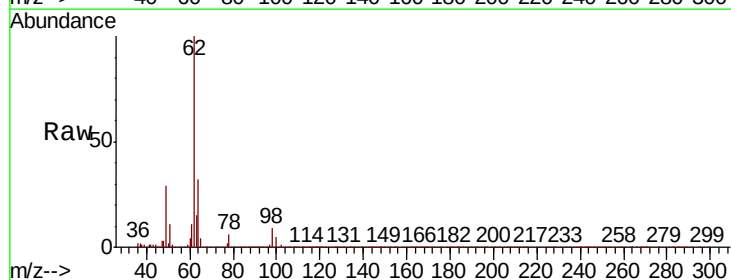
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

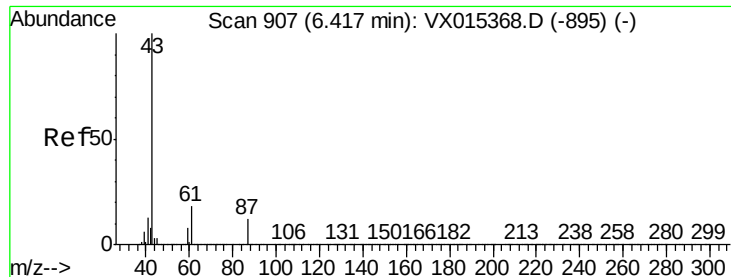
Tot Ion:	41	Resp:	543728
Ion	Ratio	Lower	Upper
41	100		
39	55.9	44.5	66.7
67	61.8	48.9	73.3
52	27.4	21.8	32.6



#42
1,2-Dichloroethane
Concen: 50.610 ug/l
RT: 6.17 min Scan# 866
Delta R.T. -0.00 min
Lab File: VX015499.D
Acq: 02 Apr 2020 21:47

Tgt Ion:	62	Resp:	893676
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	17.6





#43

Isopropyl Acetate

Concen: 48.692 ug/l

RT: 6.42 min Scan# 907

Delta R.T. -0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

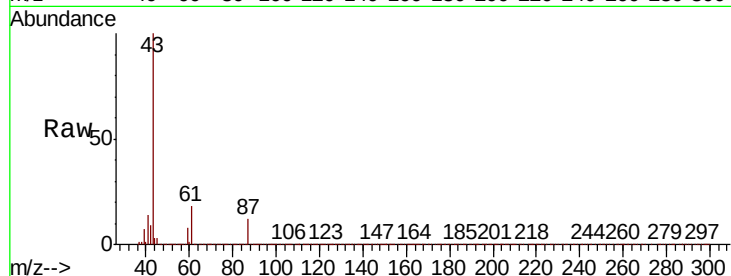
Tot Ion: 43 Resp: 1606157

Ion Ratio Lower Upper

43 100

61 18.4 14.8 22.2

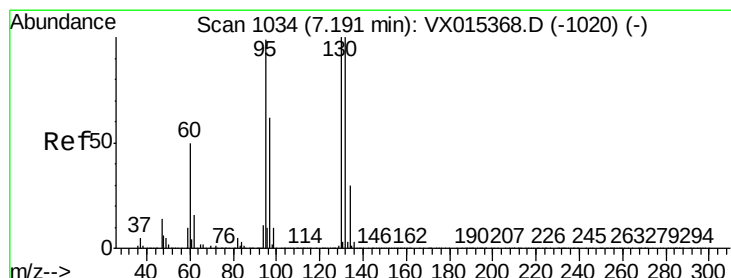
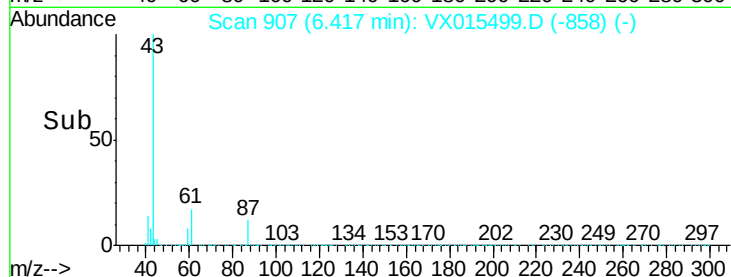
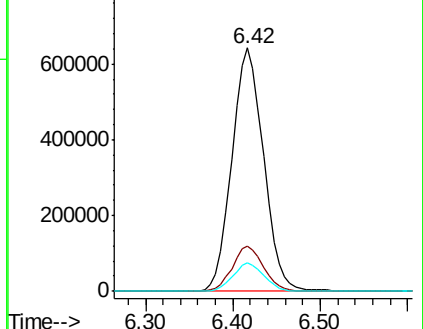
87 11.6 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 48.935 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. -0.00 min

Lab File: VX015499.D

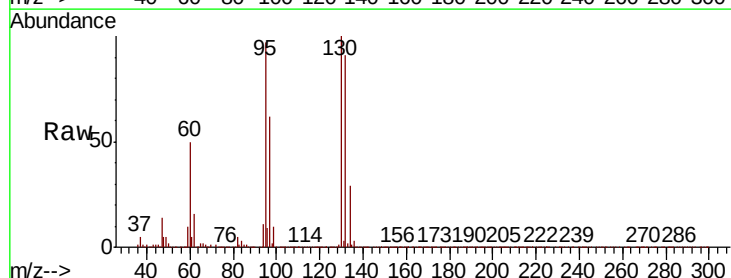
Acq: 02 Apr 2020 21:47

Tgt Ion:130 Resp: 586689

Ion Ratio Lower Upper

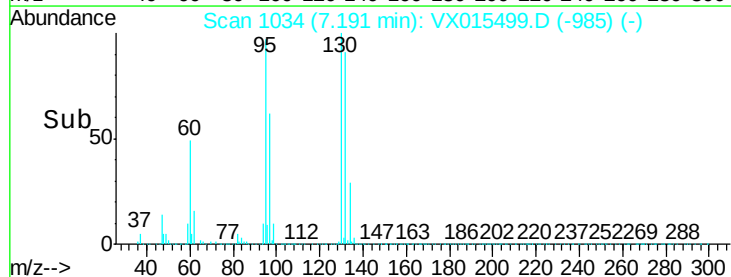
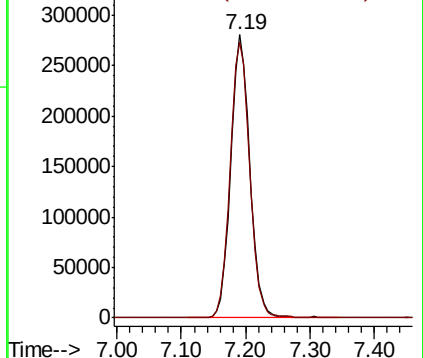
130 100

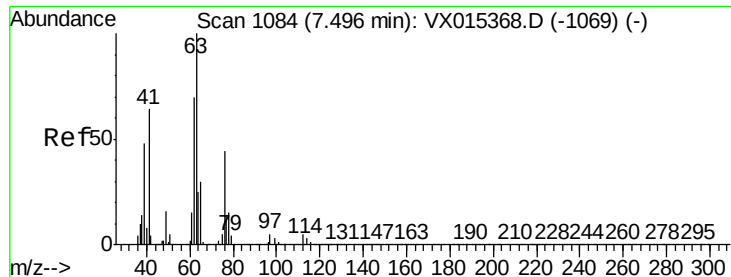
95 97.4 0.0 199.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

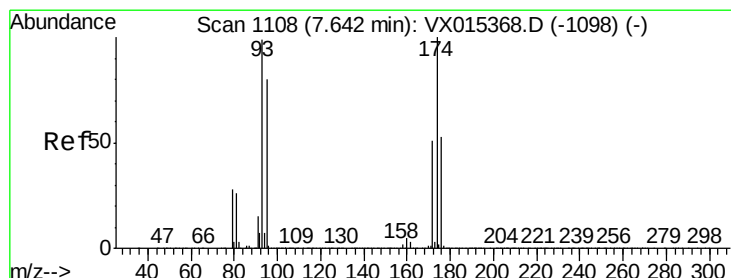
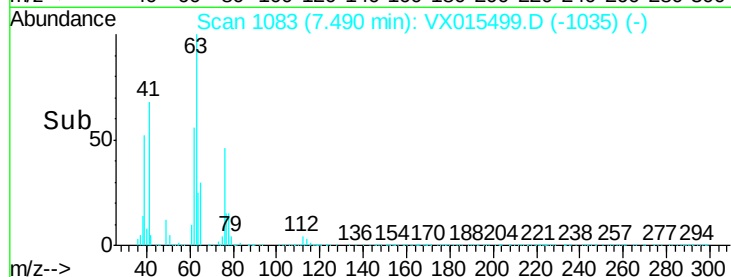
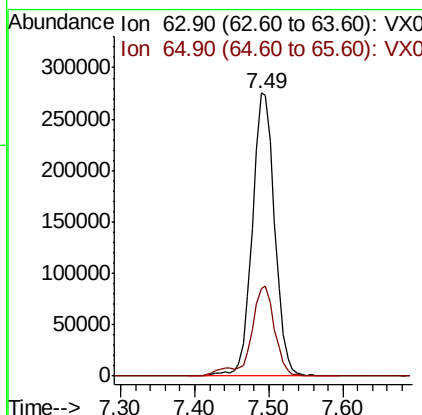
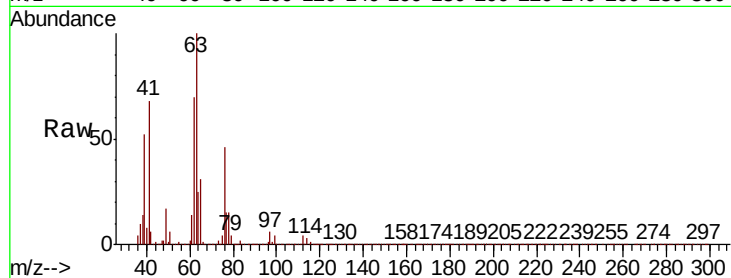




#45
 1,2-Dichloropropane
 Concen: 48.267 ug/l
 RT: 7.49 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: VX015499.D
 Acq: 02 Apr 2020 21:47

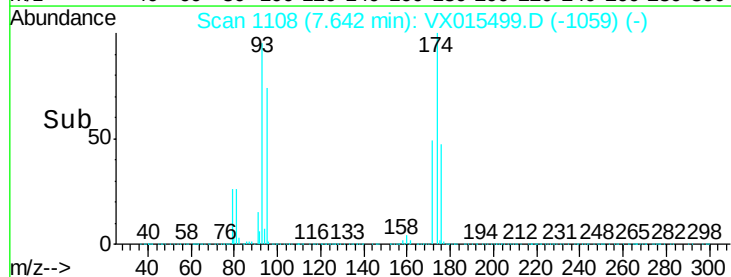
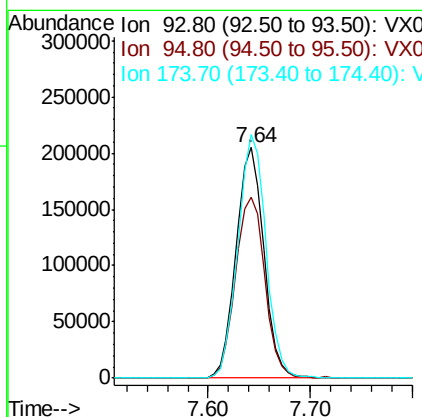
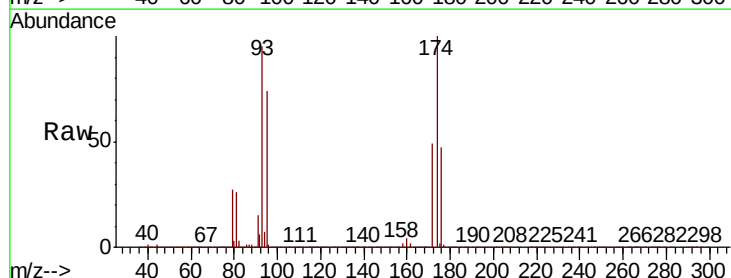
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

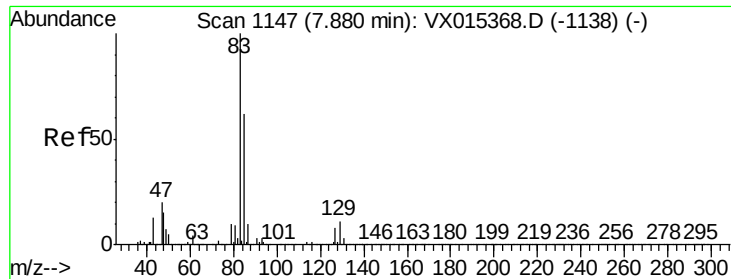
Tot Ion: 63 Resp: 580445
 Ion Ratio Lower Upper
 63 100
 65 31.0 23.9 35.9



#46
 Dibromomethane
 Concen: 48.852 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. -0.00 min
 Lab File: VX015499.D
 Acq: 02 Apr 2020 21:47

Tgt Ion: 93 Resp: 385378
 Ion Ratio Lower Upper
 93 100
 95 82.9 65.8 98.8
 174 106.9 86.2 129.2





#47

Bromodichloromethane

Concen: 49.374 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. -0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

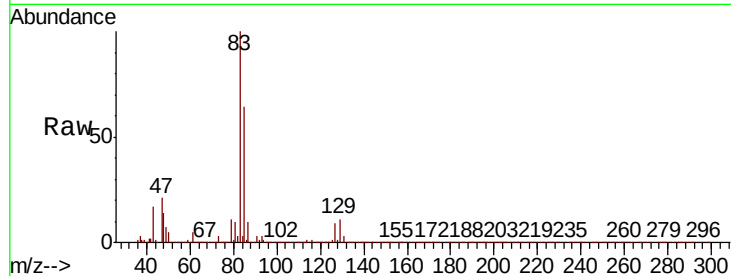
Tot Ion: 83 Resp: 829942

Ion Ratio Lower Upper

83 100

85 64.3 49.7 74.5

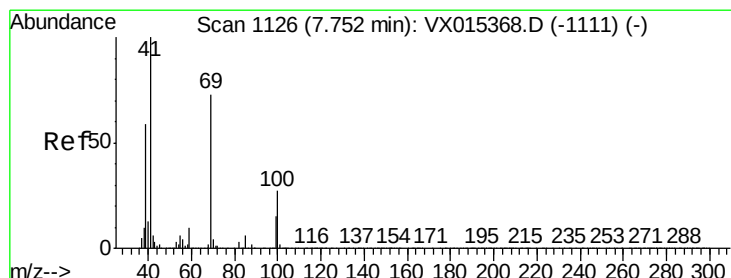
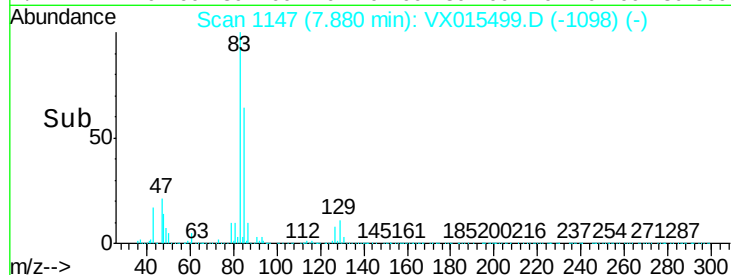
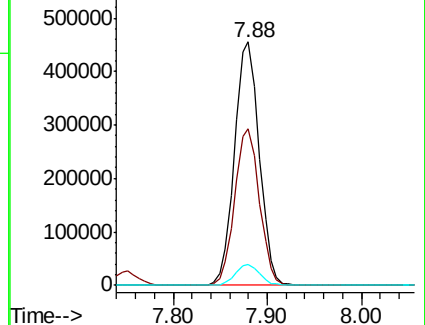
127 8.5 6.7 10.1



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: 49.576 ug/l

RT: 7.75 min Scan# 1126

Delta R.T. -0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

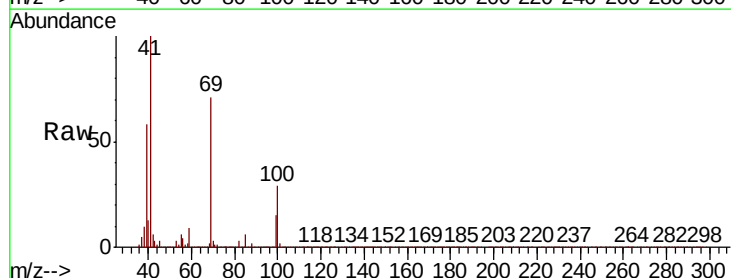
Tgt Ion: 41 Resp: 816837

Ion Ratio Lower Upper

41 100

69 70.7 56.7 85.1

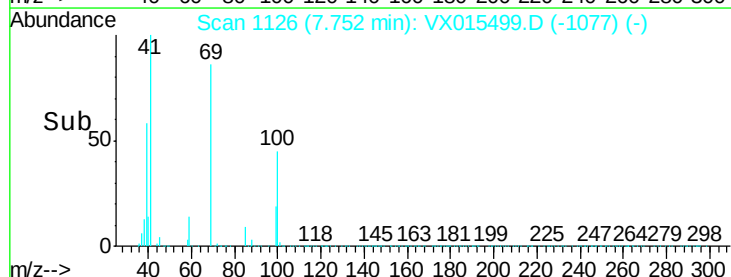
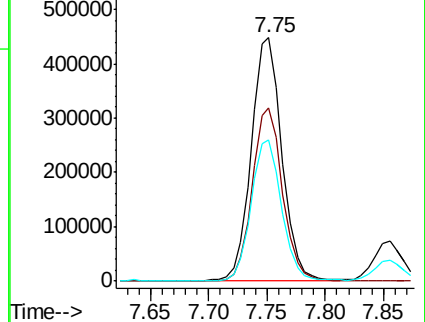
39 57.7 46.5 69.7

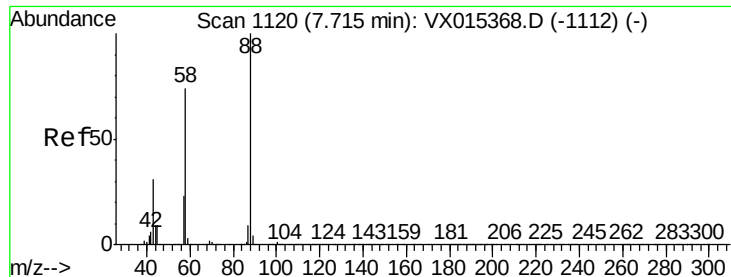


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 992.990 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. -0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

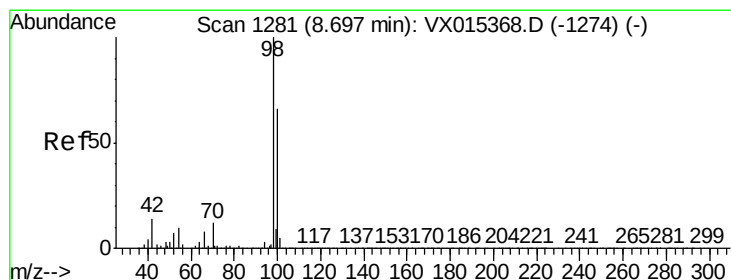
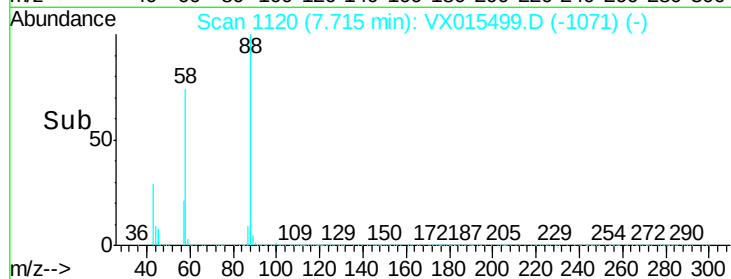
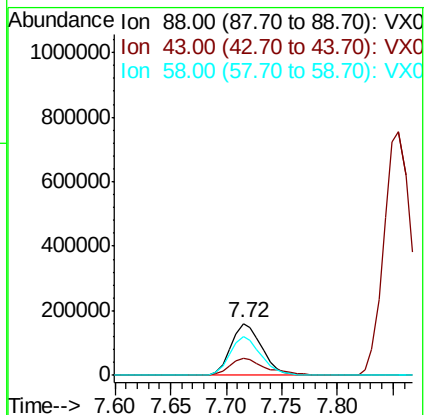
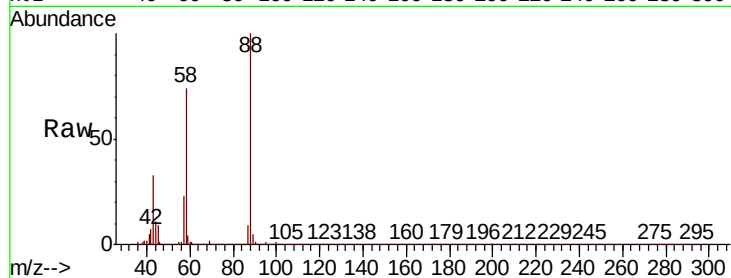
Tot Ion: 88 Resp: 305211

Ion Ratio Lower Upper

88 100

43 38.1 30.1 45.1

58 76.0 60.6 90.8



#50

Toluene-d8

Concen: 50.055 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015499.D

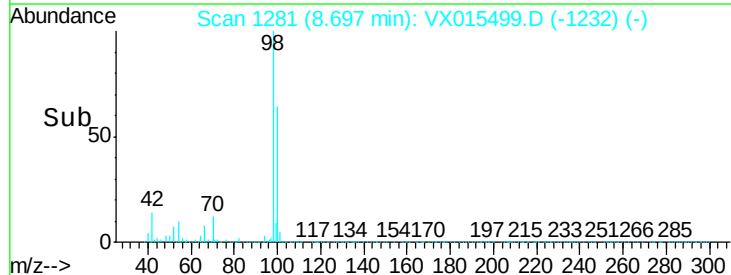
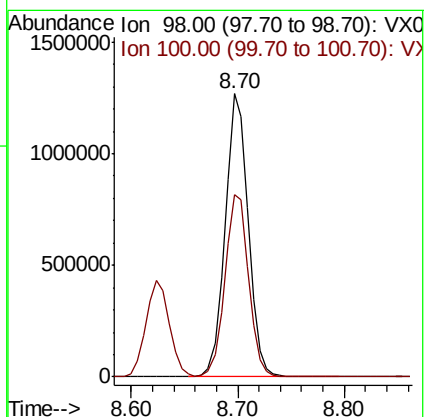
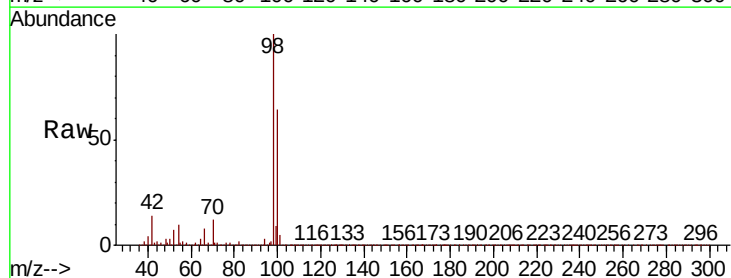
Acq: 02 Apr 2020 21:47

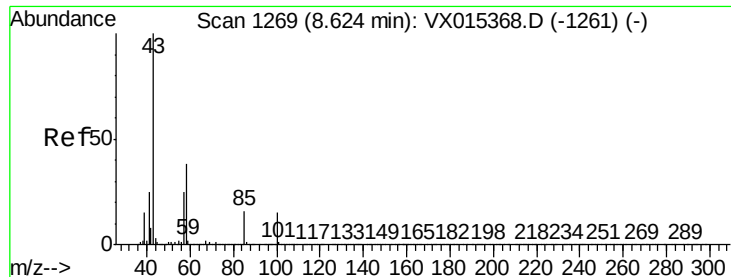
Tgt Ion: 98 Resp: 1918723

Ion Ratio Lower Upper

98 100

100 66.2 53.5 80.3





#51

4-Methyl-2-Pentanone

Concen: 252.629 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

Instrument :

MSVOA_X

ClientSampleId :

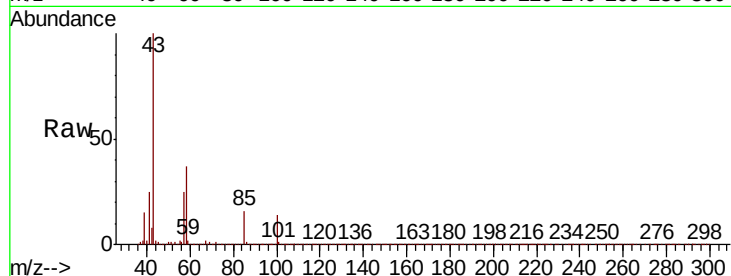
VSTDCCC050EC

Tot Ion: 43 Resp: 4722657

Ion Ratio Lower Upper

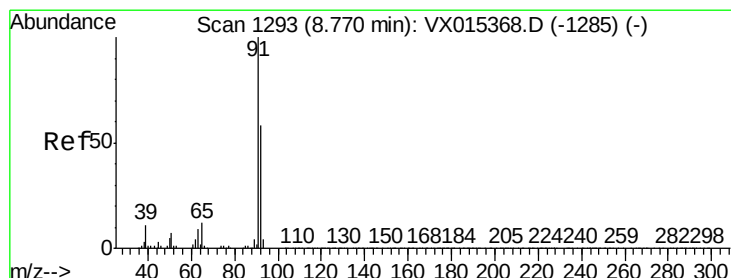
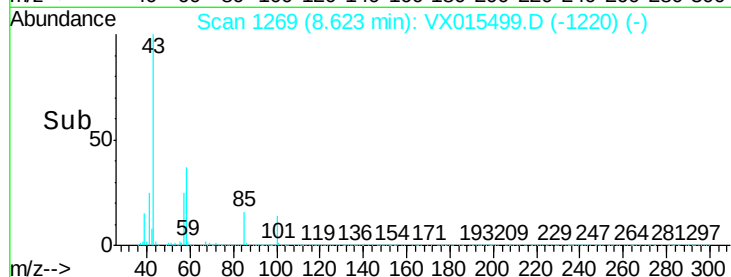
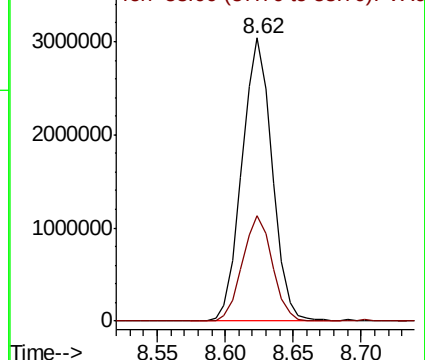
43 100

58 37.0 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.077 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX015499.D

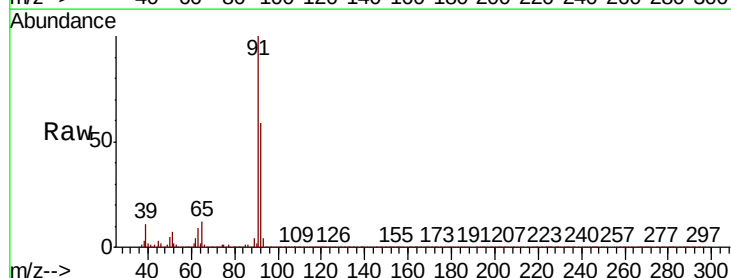
Acq: 02 Apr 2020 21:47

Tgt Ion: 92 Resp: 1357206

Ion Ratio Lower Upper

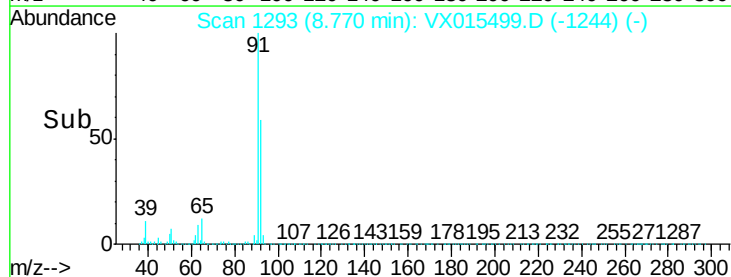
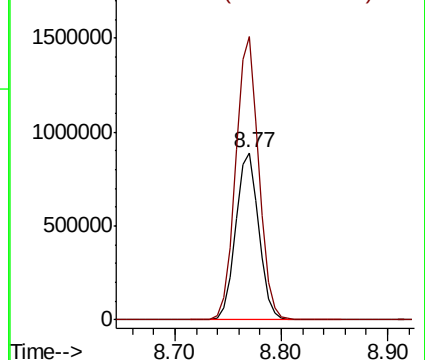
92 100

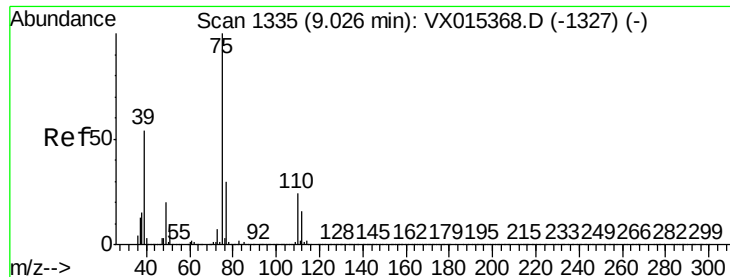
91 168.3 136.6 205.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 46.664 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

Instrument :

MSVOA_X

ClientSampleId :

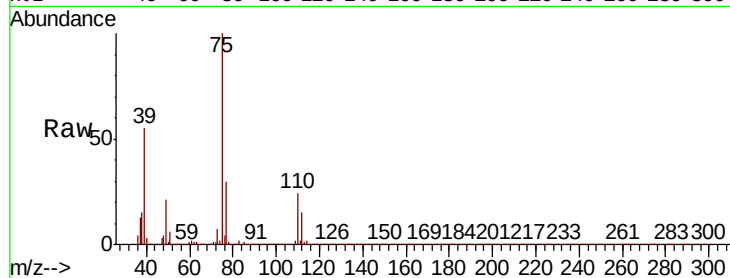
VSTDCCC050EC

Tot Ion: 75 Resp: 919941

Ion Ratio Lower Upper

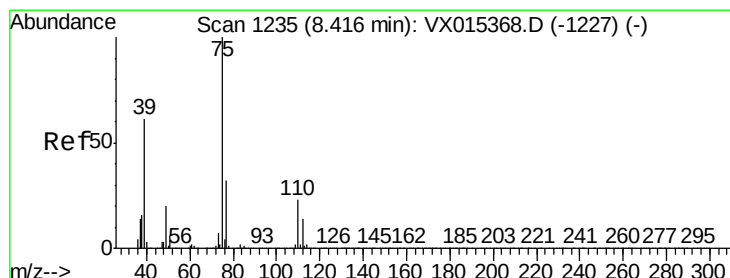
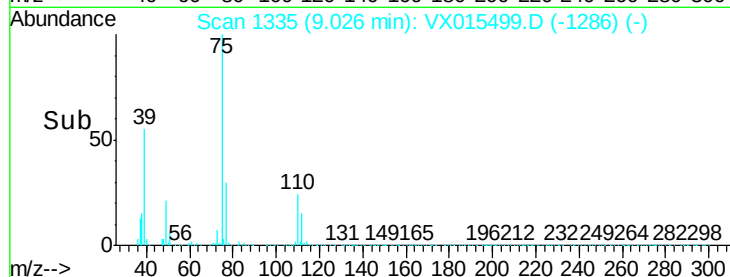
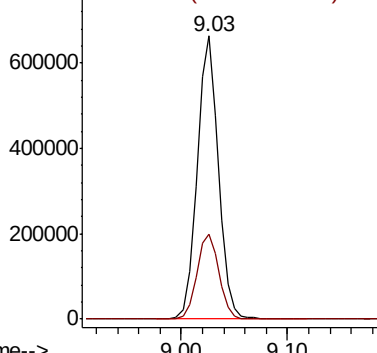
75 100

77 30.1 24.1 36.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 48.069 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

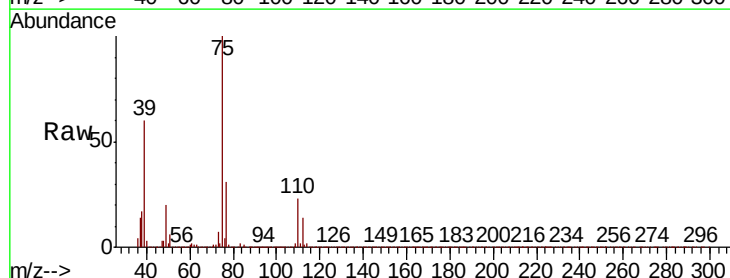
Tgt Ion: 75 Resp: 965314

Ion Ratio Lower Upper

75 100

77 31.1 25.8 38.6

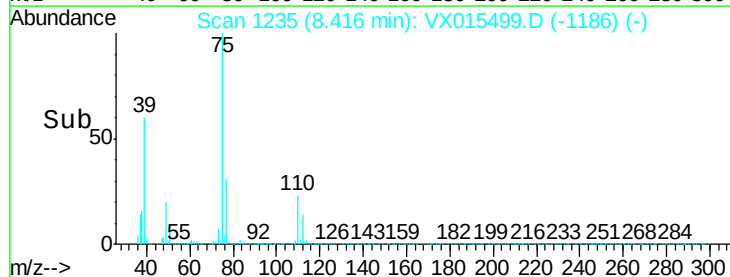
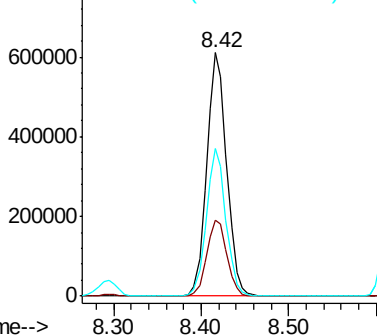
39 60.3 49.0 73.4

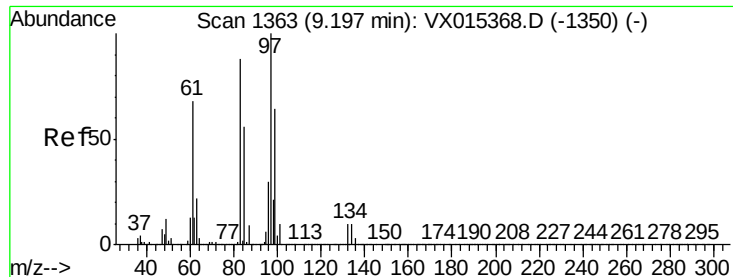


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

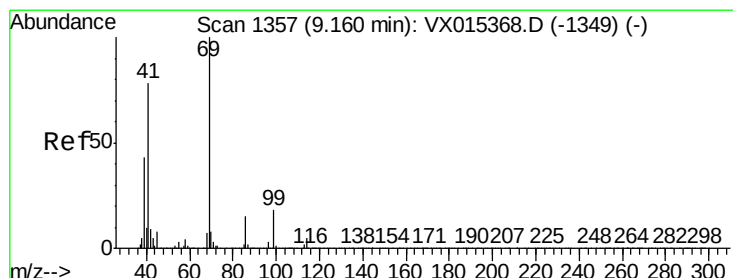
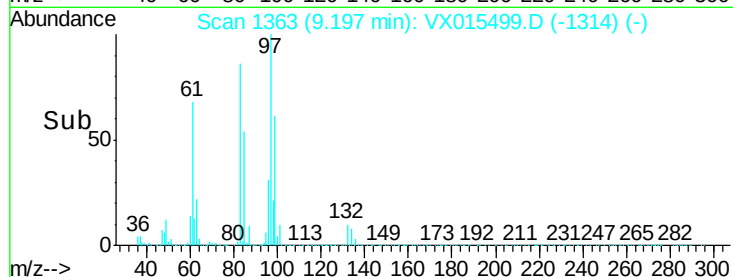
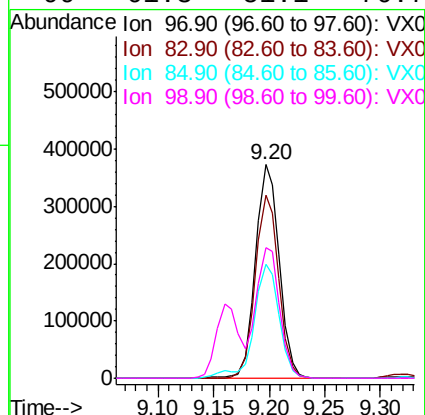
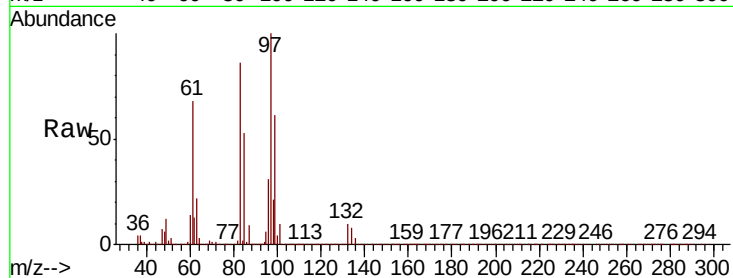




#55
 1,1,2-Trichloroethane
 Concen: 49.977 ug/l
 RT: 9.20 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VX015499.D
 Acq: 02 Apr 2020 21:47

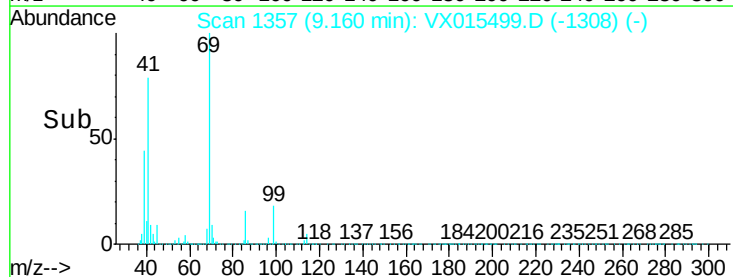
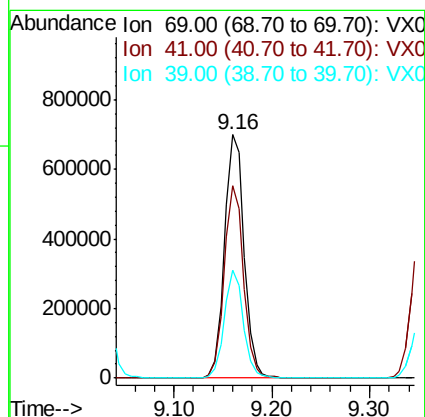
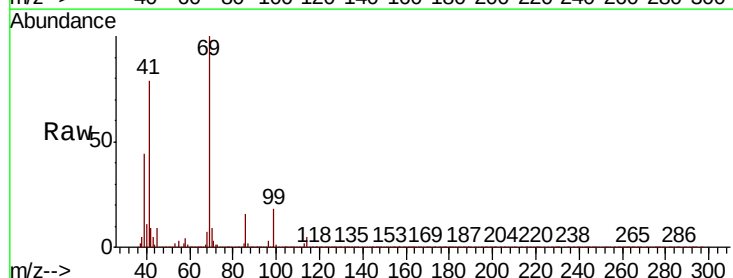
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

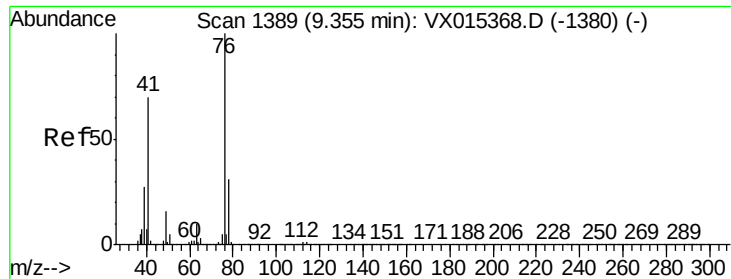
Tot Ion:	97	Resp:	554951
Ion	Ratio	Lower	Upper
97	100		
83	85.8	70.2	105.4
85	53.4	44.7	67.1
99	61.3	51.1	76.7



#56
 Ethyl methacrylate
 Concen: 49.609 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. -0.00 min
 Lab File: VX015499.D
 Acq: 02 Apr 2020 21:47

Tgt Ion:	69	Resp:	970828
Ion	Ratio	Lower	Upper
69	100		
41	77.8	61.6	92.4
39	42.9	34.0	51.0

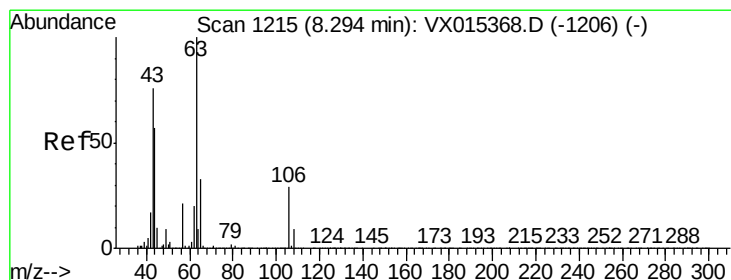
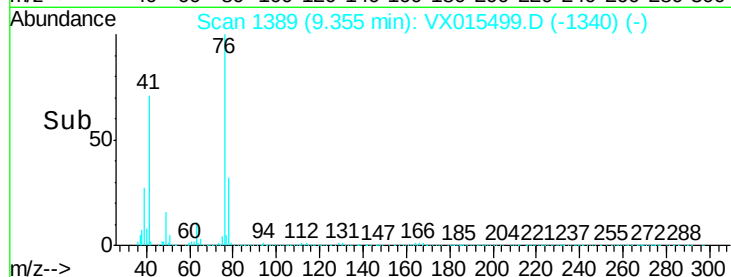
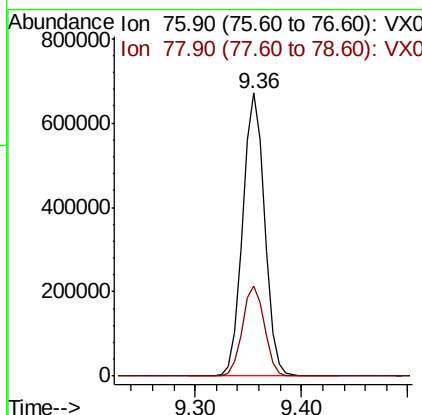
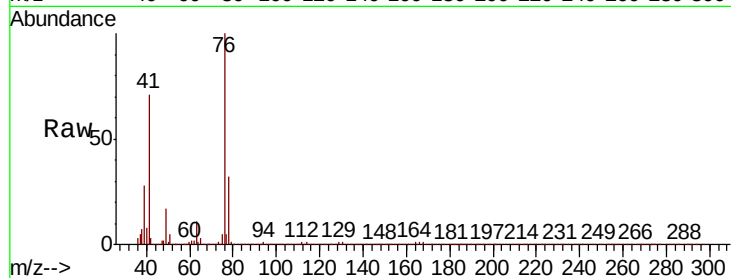




#57
 1,3-Dichloropropane
 Concen: 48.534 ug/l
 RT: 9.36 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: VX015499.D
 Acq: 02 Apr 2020 21:47

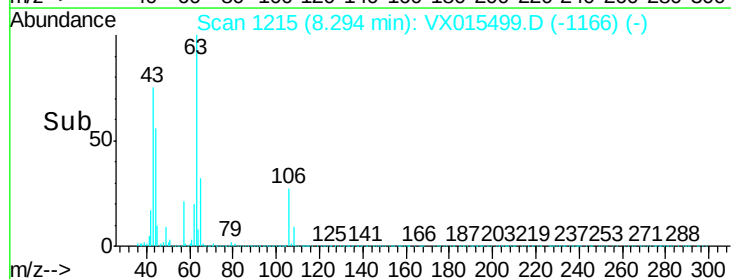
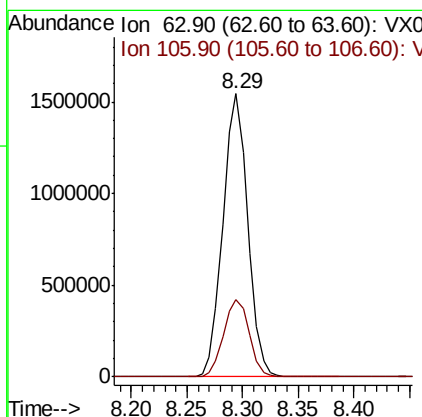
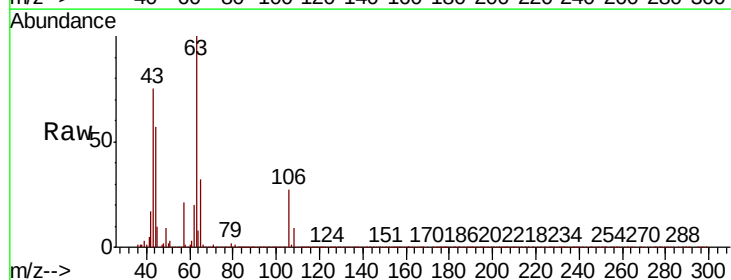
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

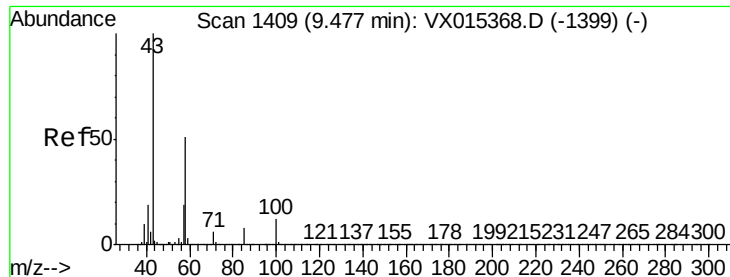
Tot Ion: 76 Resp: 970971
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 250.049 ug/l
 RT: 8.29 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: VX015499.D
 Acq: 02 Apr 2020 21:47

Tgt Ion: 63 Resp: 2380145
 Ion Ratio Lower Upper
 63 100
 106 28.2 22.7 34.1

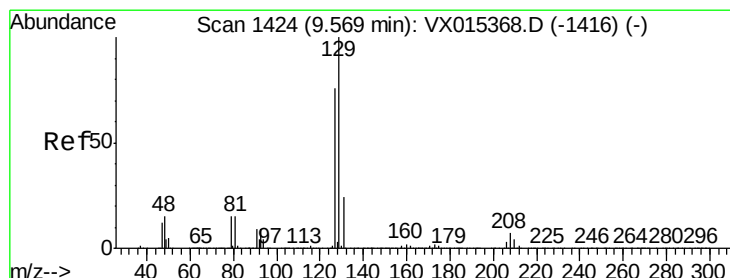
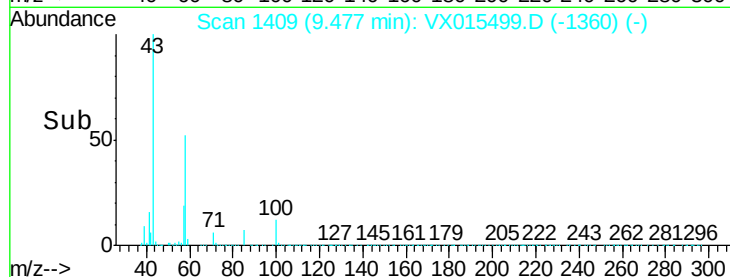
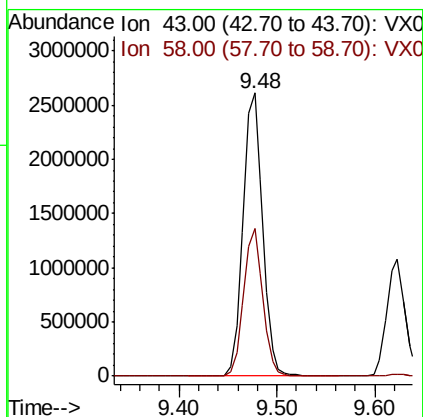
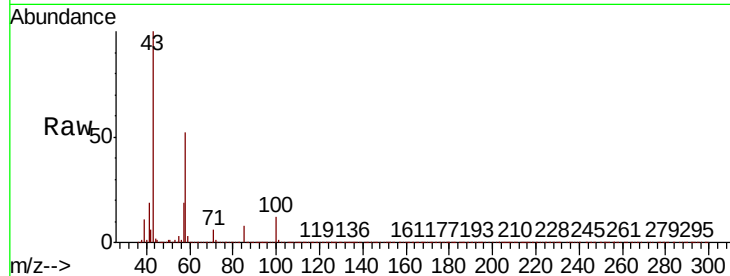




#59
2-Hexanone
Concen: 256.751 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VX015499.D
Acq: 02 Apr 2020 21:47

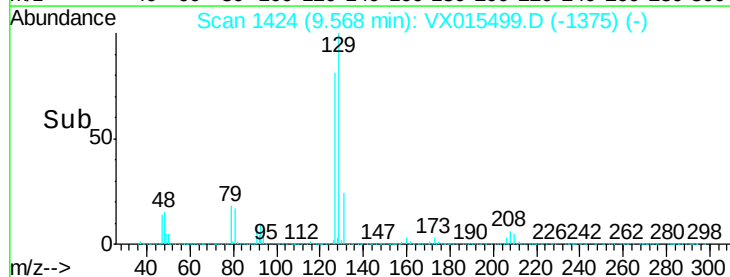
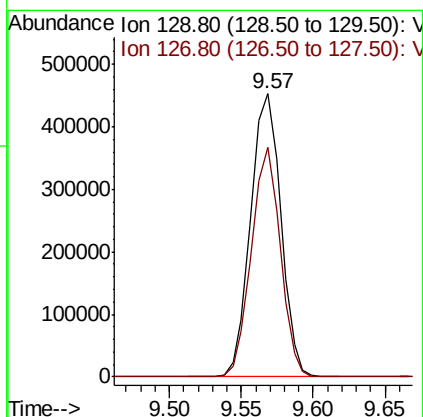
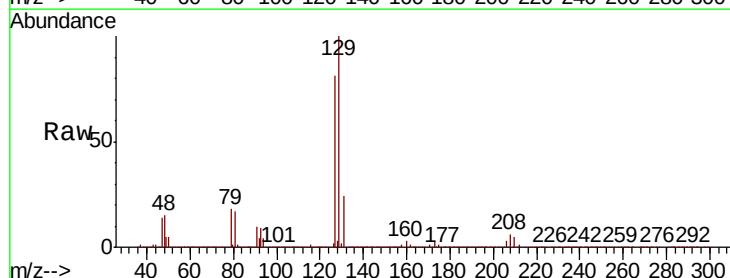
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

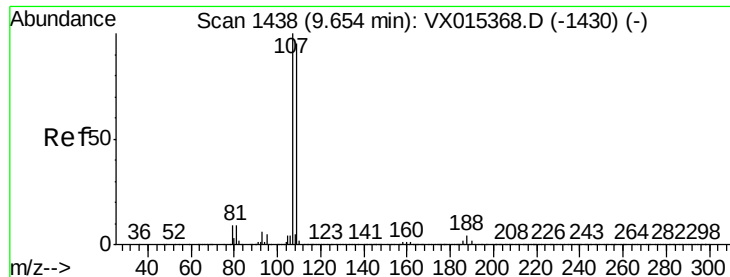
Tot Ion: 43 Resp: 3623691
Ion Ratio Lower Upper
43 100
58 51.0 25.6 76.6



#60
Dibromochloromethane
Concen: 49.160 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. -0.00 min
Lab File: VX015499.D
Acq: 02 Apr 2020 21:47

Tgt Ion: 129 Resp: 655946
Ion Ratio Lower Upper
129 100
127 77.7 38.2 114.6

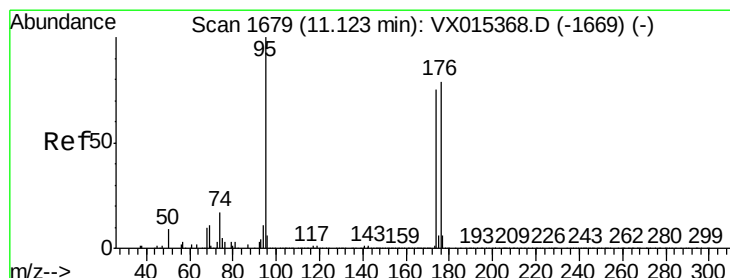
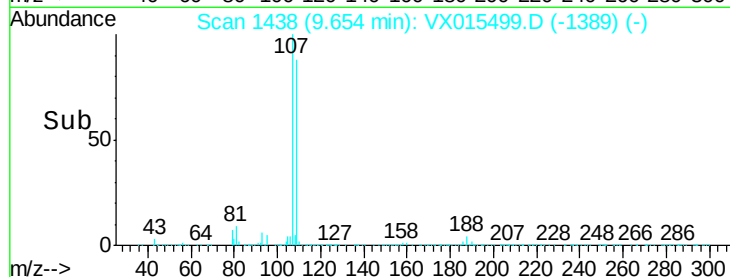
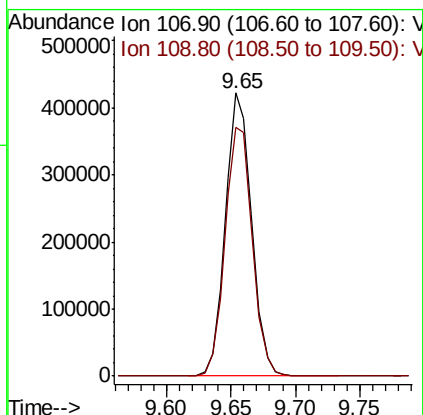
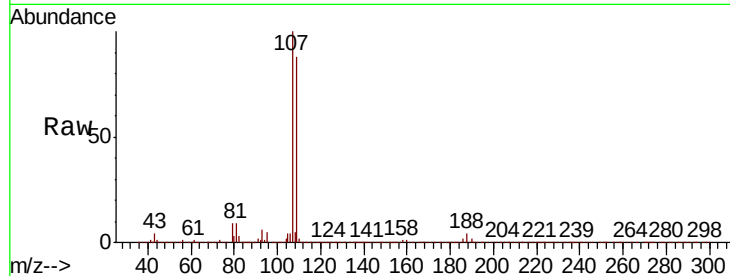




#61
 1,2-Dibromoethane
 Concen: 49.761 ug/l
 RT: 9.65 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: VX015499.D
 Acq: 02 Apr 2020 21:47

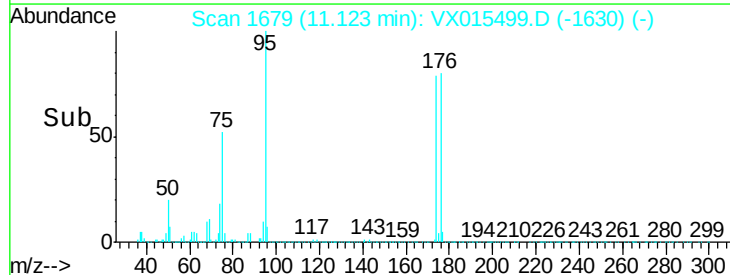
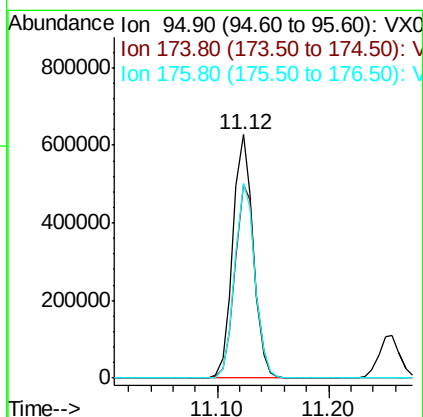
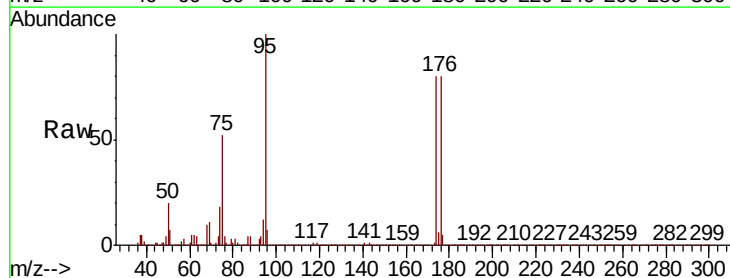
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

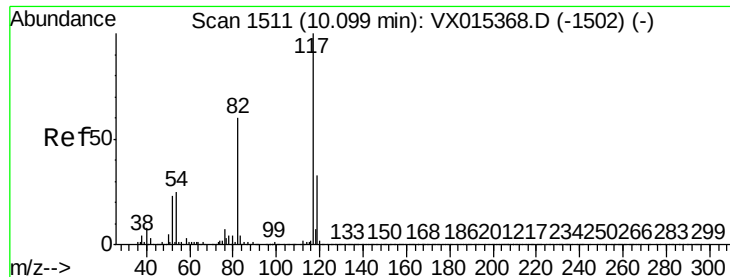
Tot Ion: 107 Resp: 600807
 Ion Ratio Lower Upper
 107 100
 109 92.0 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 50.587 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. -0.00 min
 Lab File: VX015499.D
 Acq: 02 Apr 2020 21:47

Tgt Ion: 95 Resp: 788057
 Ion Ratio Lower Upper
 95 100
 174 80.1 0.0 158.6
 176 80.0 0.0 159.0

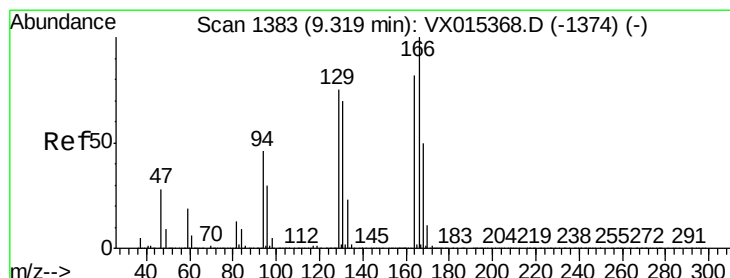
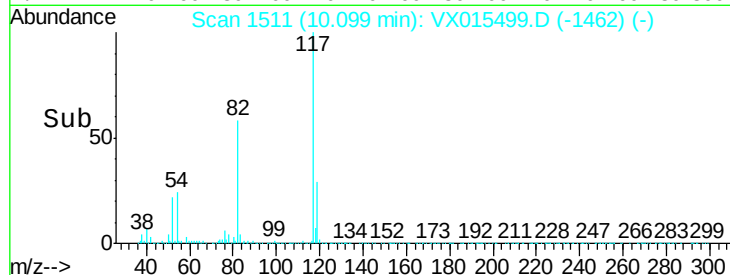
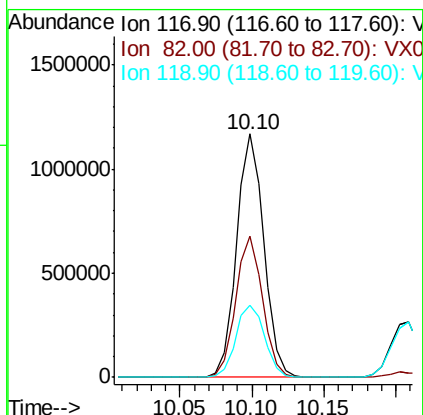
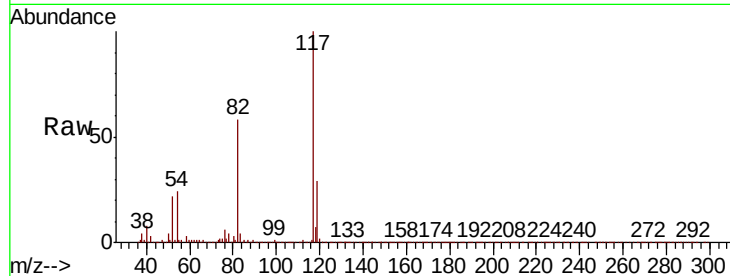




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015499.D
Acq: 02 Apr 2020 21:47

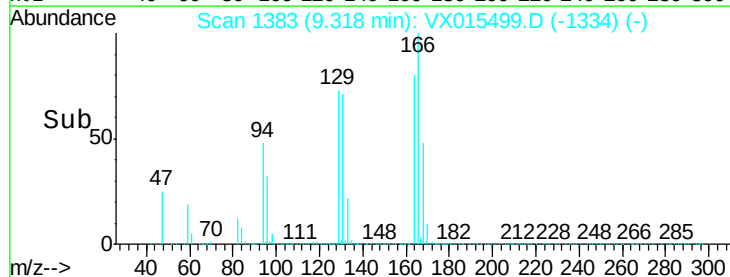
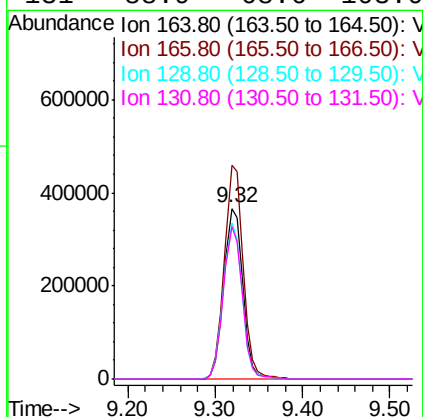
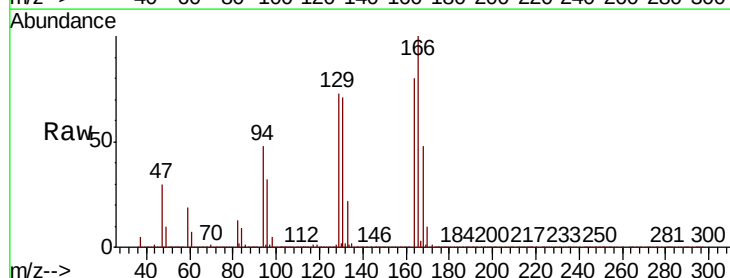
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

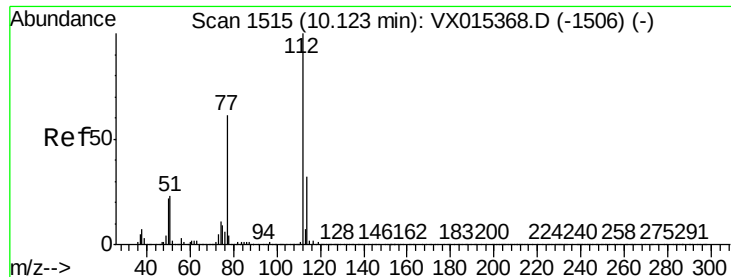
Tot Ion:117 Resp: 1540607
Ion Ratio Lower Upper
117 100
82 58.0 47.8 71.8
119 29.5 26.8 40.2



#64
Tetrachloroethene
Concen: 47.641 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX015499.D
Acq: 02 Apr 2020 21:47

Tgt Ion:164 Resp: 553897
Ion Ratio Lower Upper
164 100
166 125.1 97.8 146.6
129 91.8 73.0 109.4
131 88.9 68.6 103.0

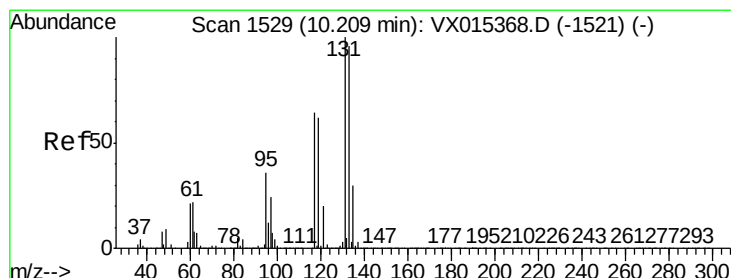
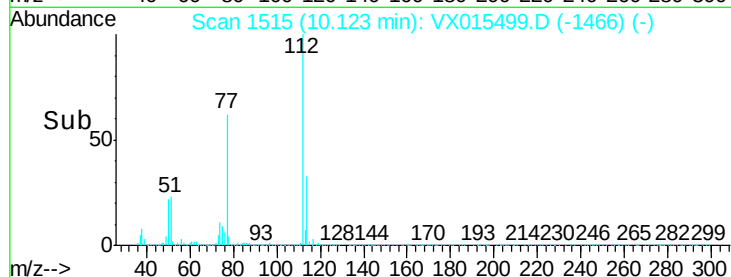
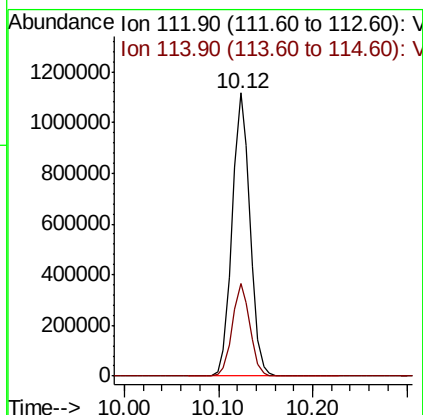
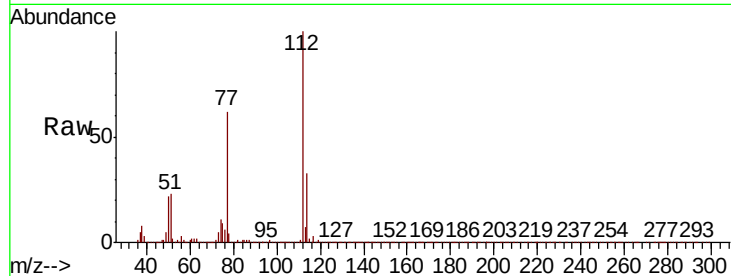




#65
Chlorobenzene
Concen: 47.614 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. -0.00 min
Lab File: VX015499.D
Acq: 02 Apr 2020 21:47

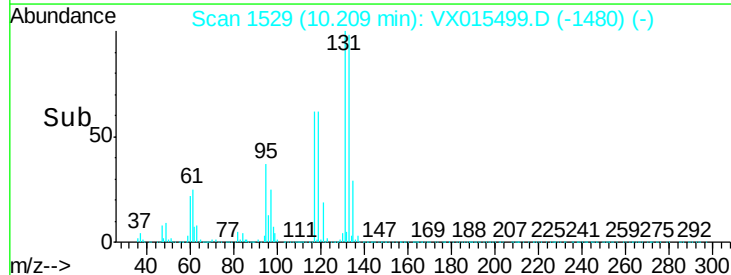
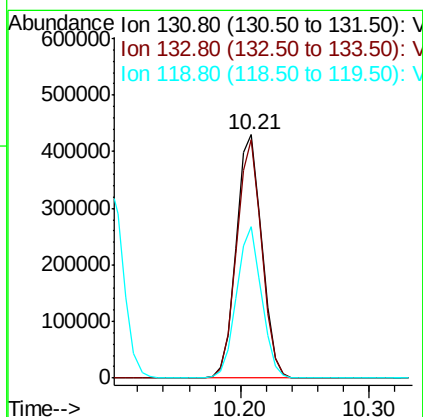
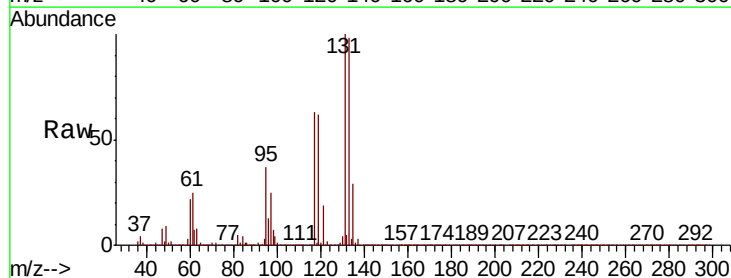
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

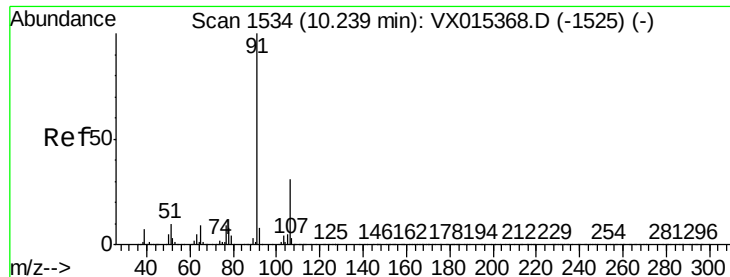
Tot Ion:112 Resp: 1462905
Ion Ratio Lower Upper
112 100
114 32.8 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 48.431 ug/l
RT: 10.21 min Scan# 1529
Delta R.T. -0.00 min
Lab File: VX015499.D
Acq: 02 Apr 2020 21:47

Tgt Ion:131 Resp: 594470
Ion Ratio Lower Upper
131 100
133 95.8 47.6 142.9
119 60.5 31.1 93.3





#67

Ethyl Benzene

Concen: 49.033 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

Instrument :

MSVOA_X

ClientSampleId :

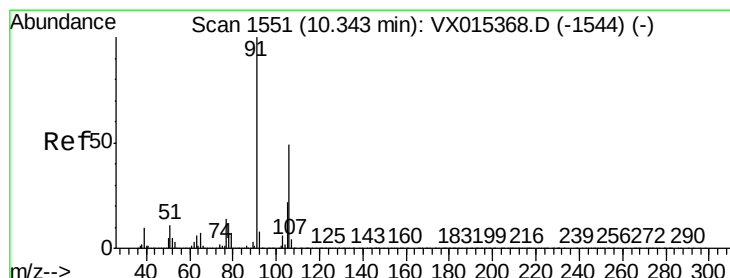
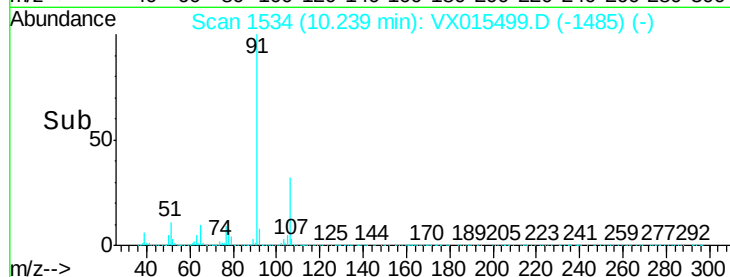
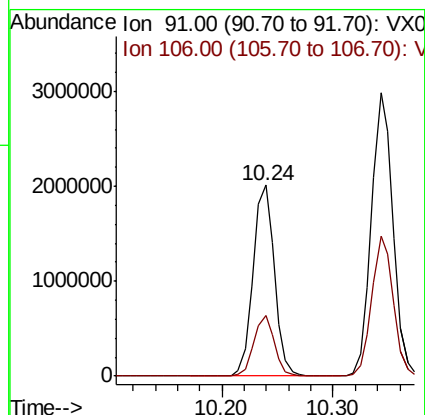
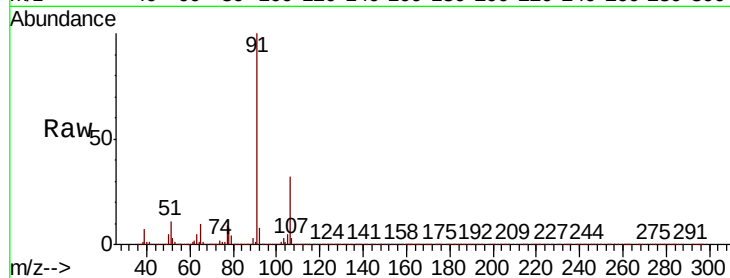
VSTDCCC050EC

Tot Ion: 91 Resp: 2671899

Ion Ratio Lower Upper

91 100

106 32.0 24.8 37.2



#68

m/p-Xylenes

Concen: 97.678 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. -0.00 min

Lab File: VX015499.D

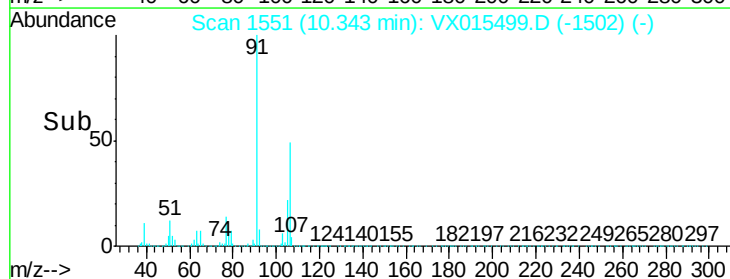
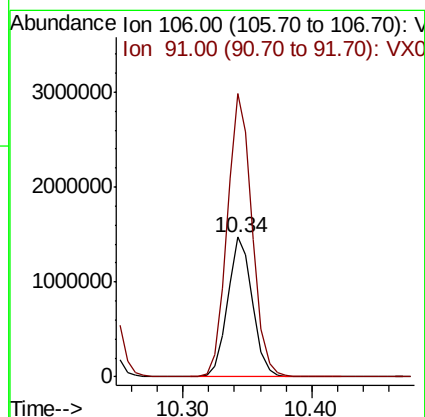
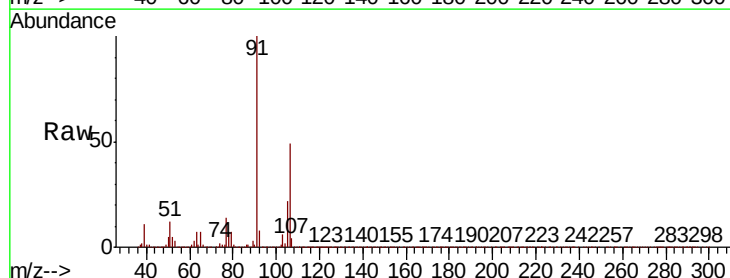
Acq: 02 Apr 2020 21:47

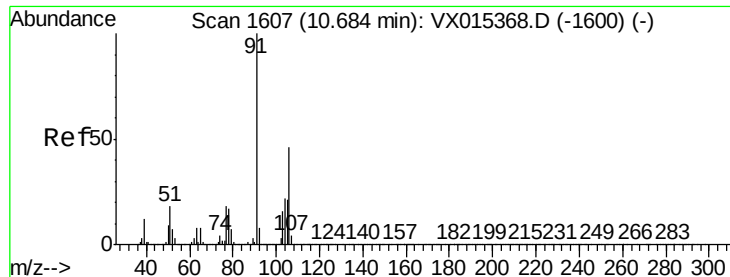
Tgt Ion: 106 Resp: 1982010

Ion Ratio Lower Upper

106 100

91 203.8 163.4 245.0

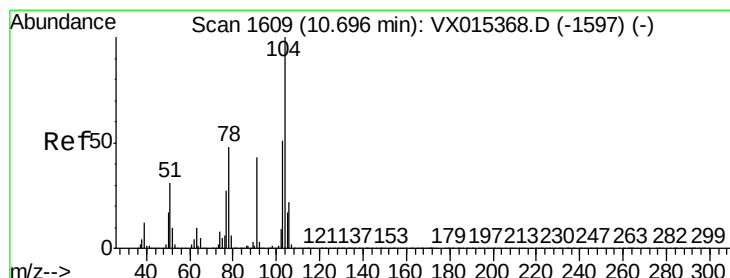
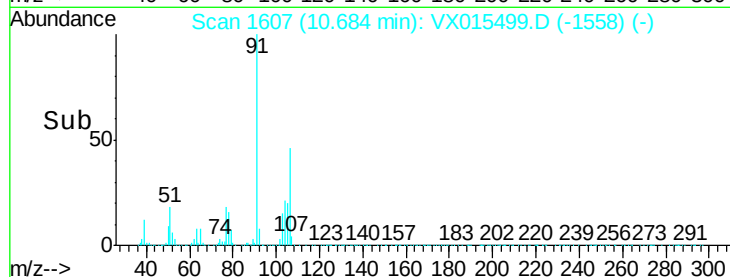
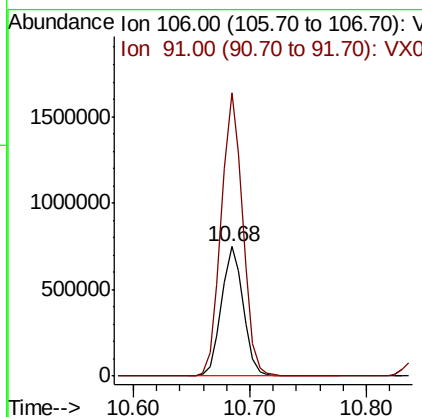
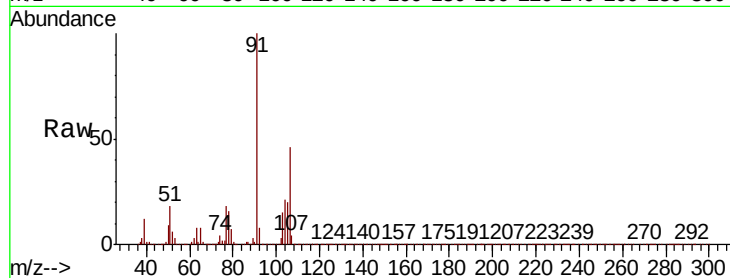




#69
o-Xylene
Concen: 47.887 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015499.D
Acq: 02 Apr 2020 21:47

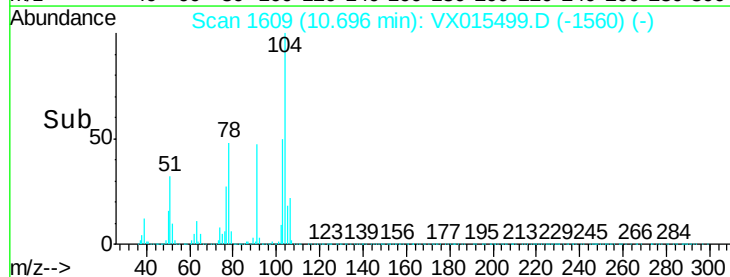
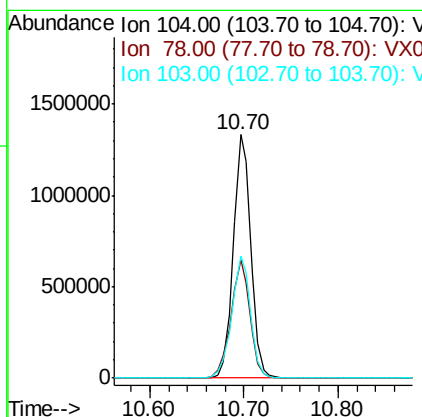
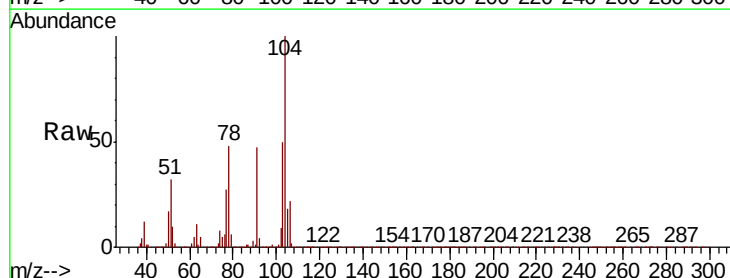
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

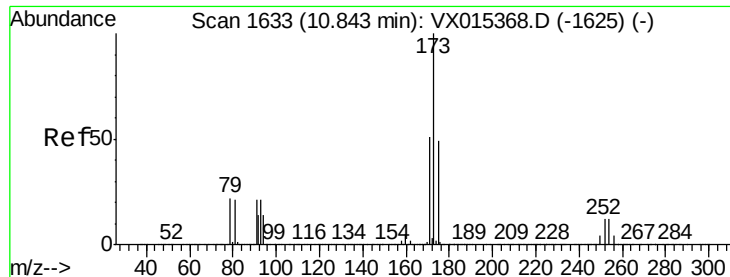
Tot Ion:106 Resp: 960192
Ion Ratio Lower Upper
106 100
91 217.1 107.1 321.3



#70
Styrene
Concen: 48.565 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015499.D
Acq: 02 Apr 2020 21:47

Tgt Ion:104 Resp: 1713533
Ion Ratio Lower Upper
104 100
78 52.4 42.0 63.0
103 53.8 43.4 65.0





#71

Bromoform

Concen: 44.946 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. -0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

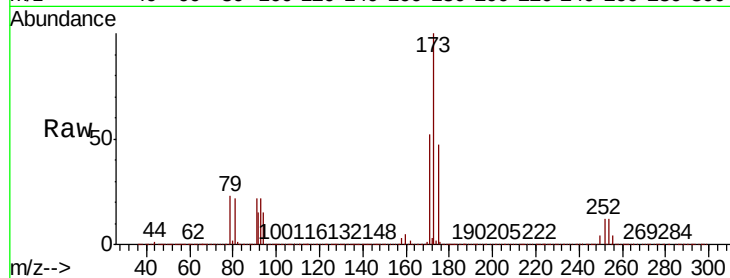
Tot Ion:173 Resp: 502231

Ion Ratio Lower Upper

173 100

175 50.0 23.9 71.7

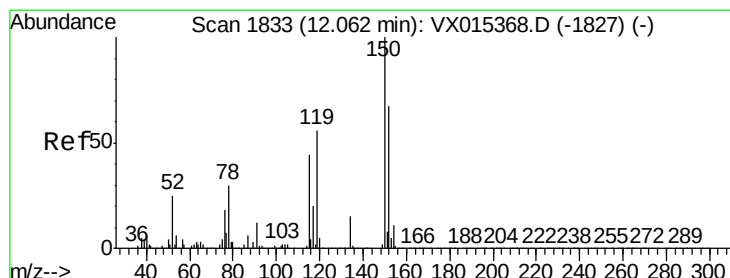
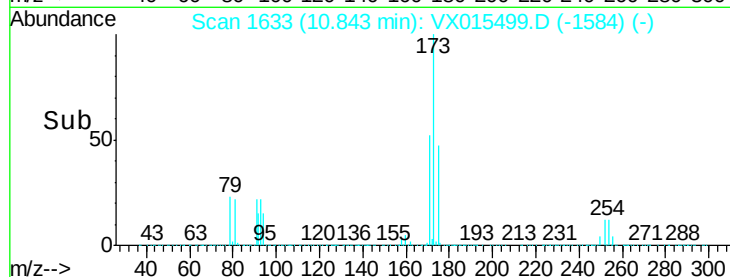
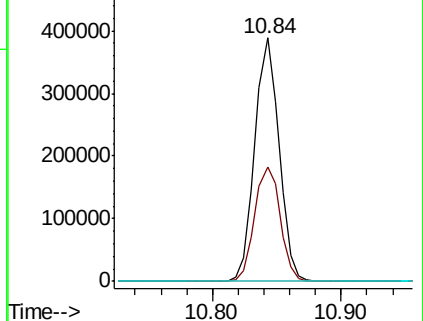
254 0.3 0.1 0.1#



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: 12.07 min Scan# 1834

Delta R.T. 0.01 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

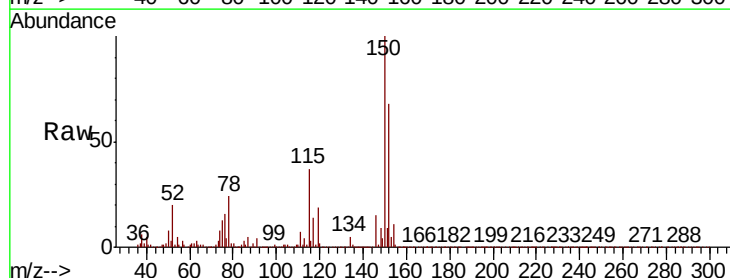
Tgt Ion:152 Resp: 817089

Ion Ratio Lower Upper

152 100

115 78.1 39.0 116.9

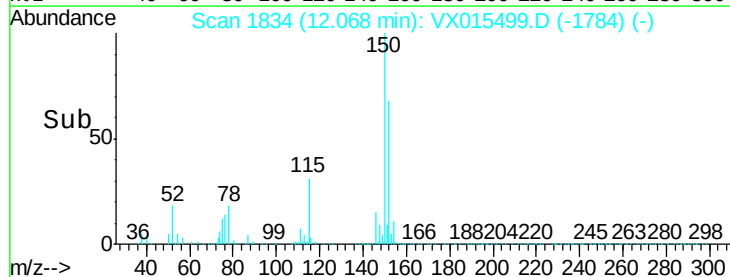
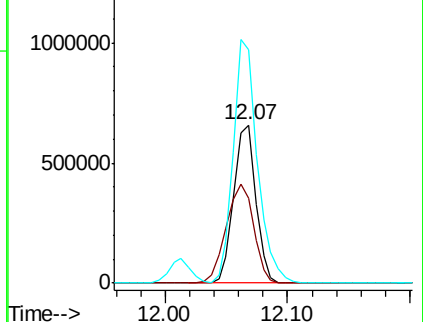
150 168.3 0.0 340.8

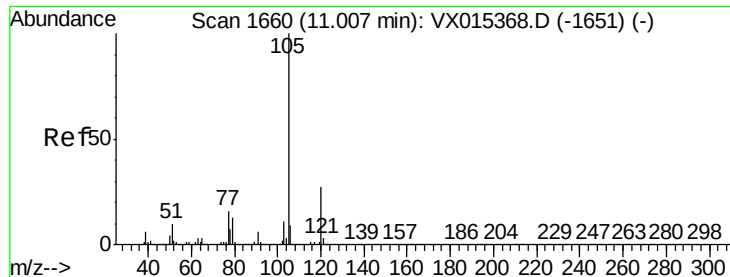


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.794 ug/l

RT: 11.01 min Scan# 1660

Delta R.T. -0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

Instrument :

MSVOA_X

ClientSampleId :

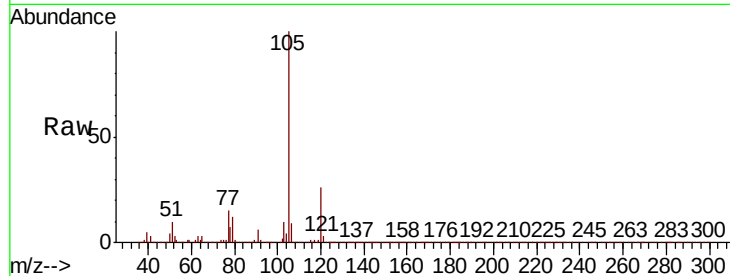
VSTDCCC050EC

Tot Ion:105 Resp: 2612301

Ion Ratio Lower Upper

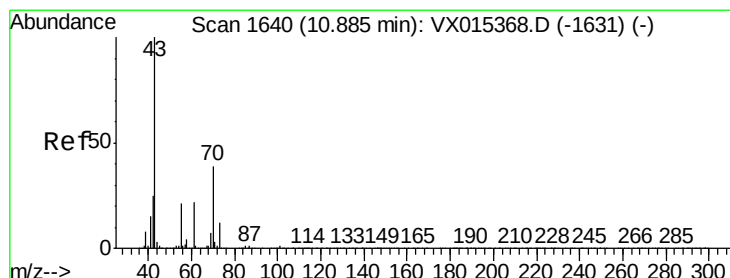
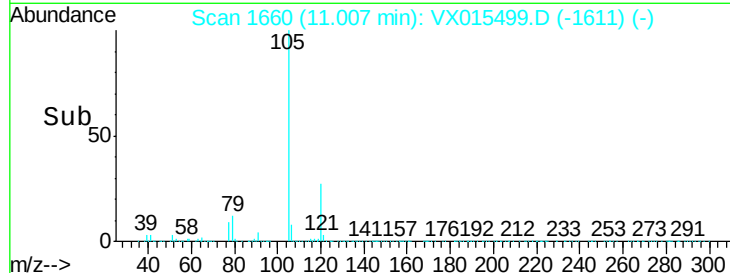
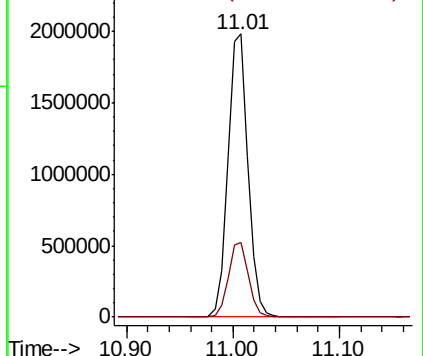
105 100

120 26.3 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.741 ug/l

RT: 10.89 min Scan# 1640

Delta R.T. -0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

Tgt Ion: 43 Resp: 1451324

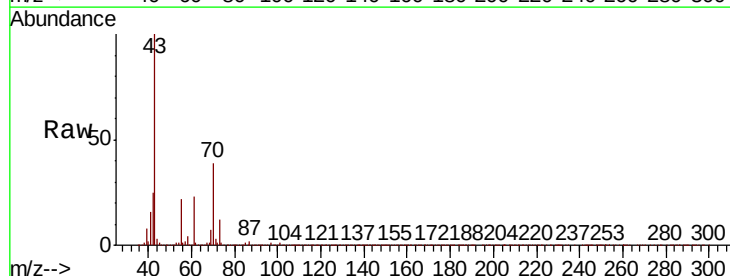
Ion Ratio Lower Upper

43 100

70 38.2 30.2 45.4

55 21.6 16.8 25.2

61 22.9 18.2 27.2

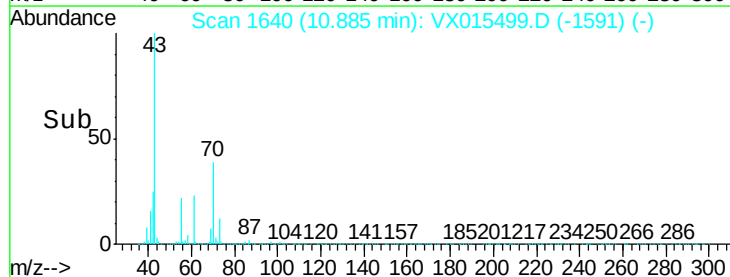
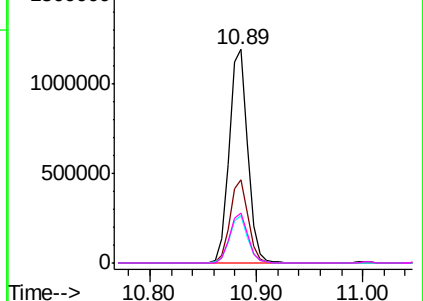


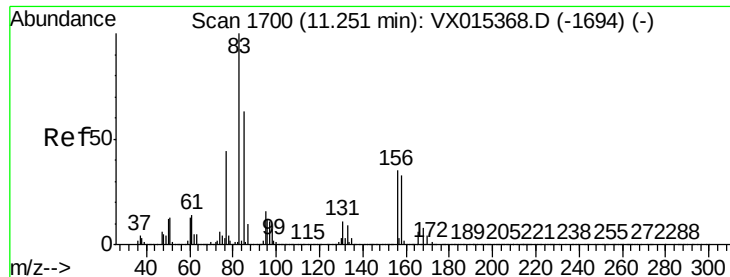
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.453 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

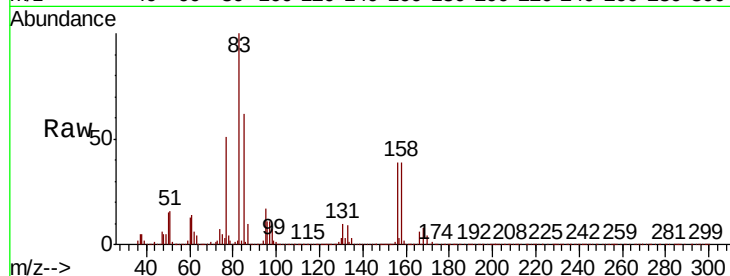
Tot Ion: 83 Resp: 871743

Ion Ratio Lower Upper

83 100

131 10.7 5.3 16.1

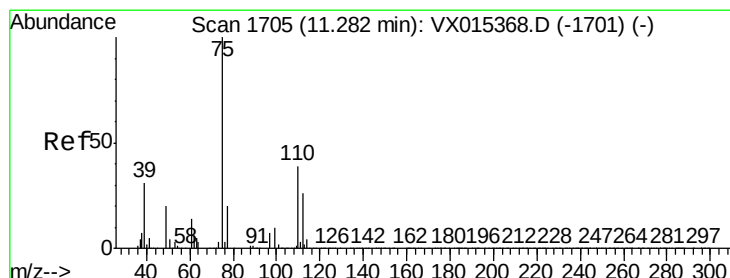
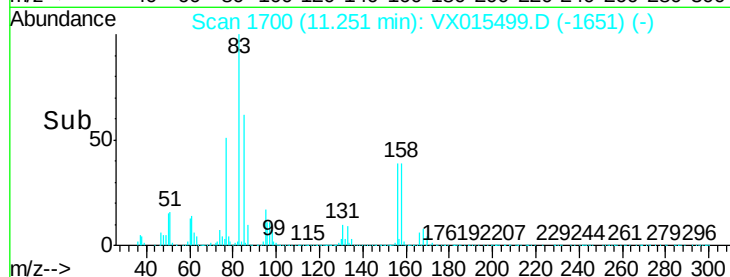
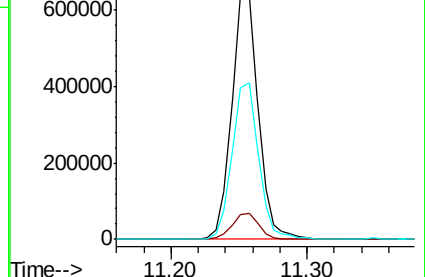
85 64.1 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 63.566 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. -0.00 min

Lab File: VX015499.D

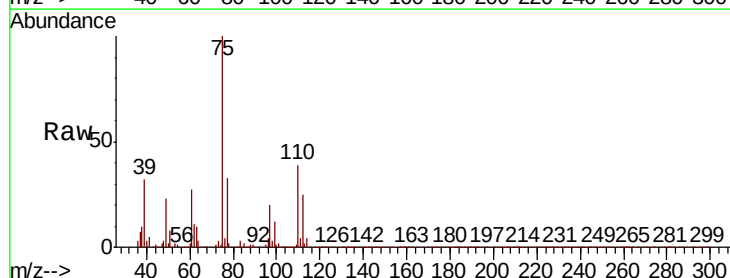
Acq: 02 Apr 2020 21:47

Tgt Ion: 75 Resp: 1068087

Ion Ratio Lower Upper

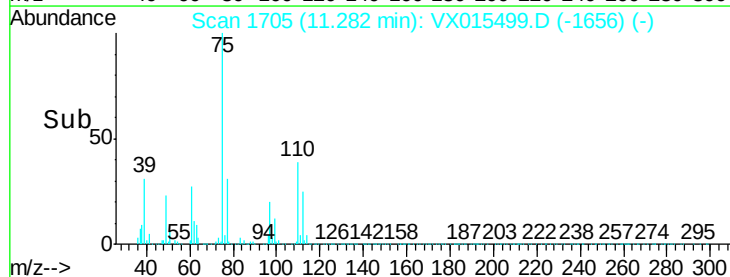
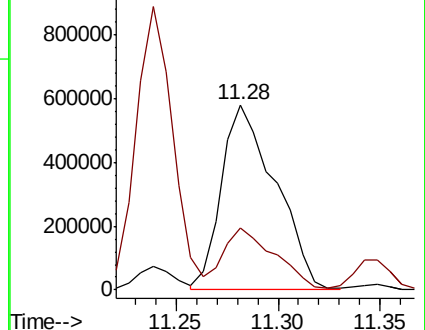
75 100

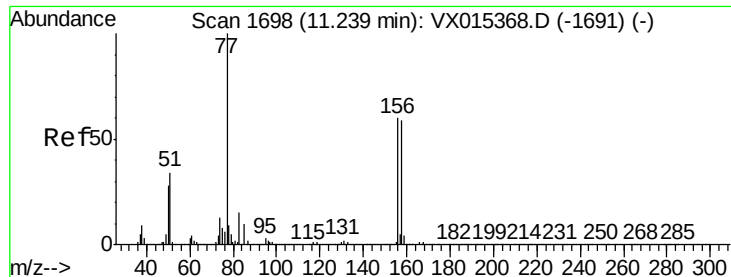
77 31.8 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.125 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

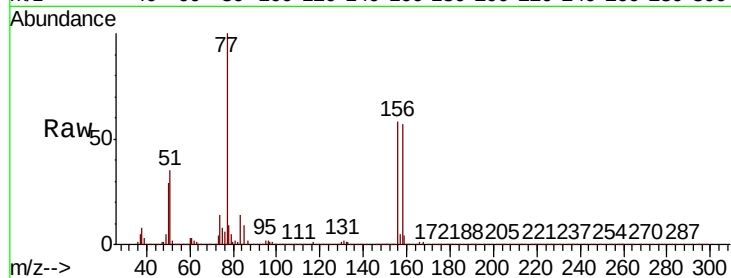
Tot Ion:156 Resp: 672967

Ion Ratio Lower Upper

156 100

77 165.4 82.2 246.5

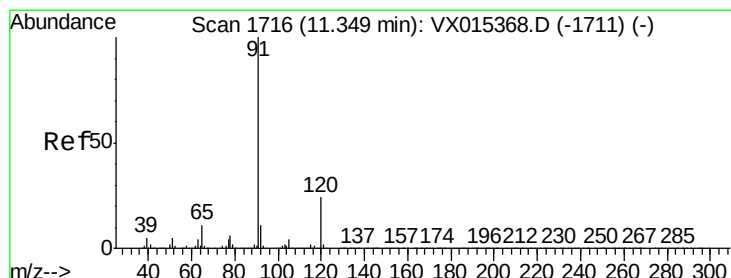
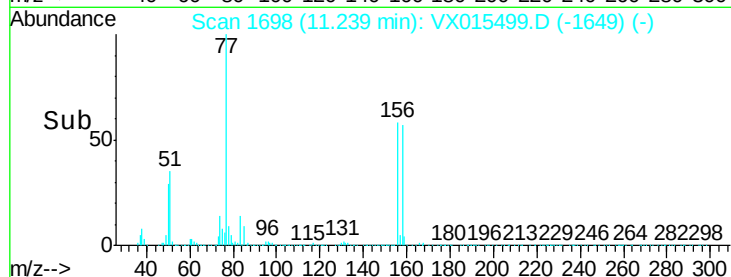
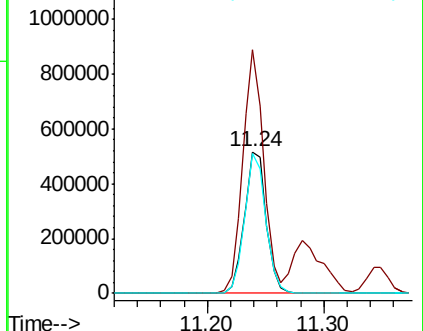
158 96.5 49.3 147.9



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: 48.903 ug/l

RT: 11.35 min Scan# 1716

Delta R.T. -0.00 min

Lab File: VX015499.D

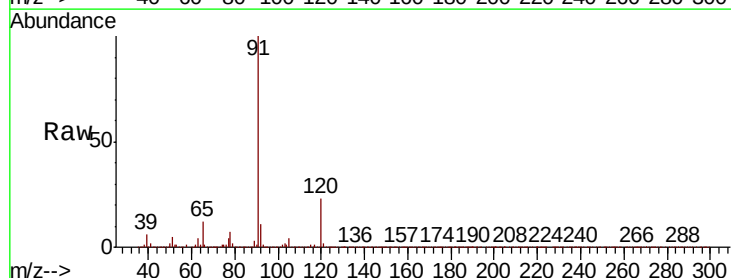
Acq: 02 Apr 2020 21:47

Tgt Ion: 91 Resp: 2993727

Ion Ratio Lower Upper

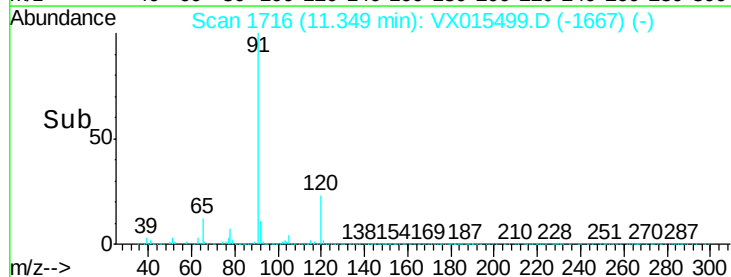
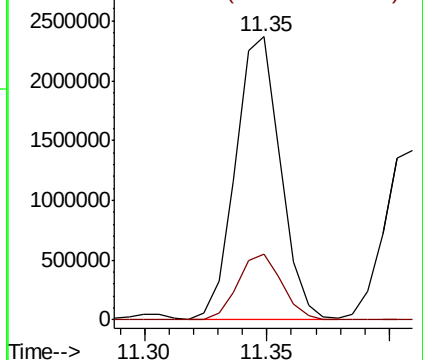
91 100

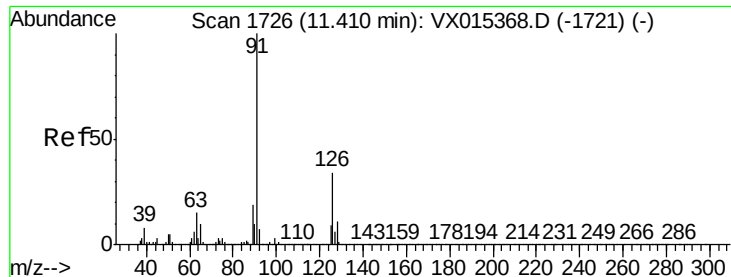
120 23.0 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.491 ug/l

RT: 11.41 min Scan# 1726

Delta R.T. -0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

Instrument :

MSVOA_X

ClientSampleId :

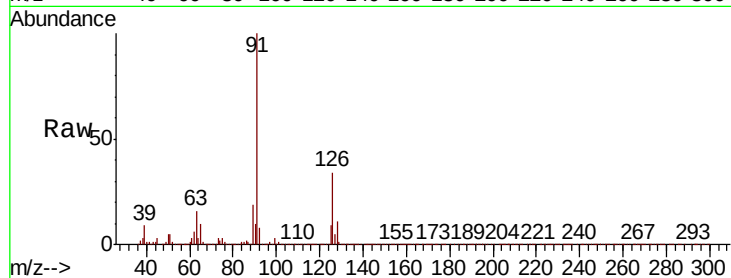
VSTDCCC050EC

Tot Ion: 91 Resp: 1819504

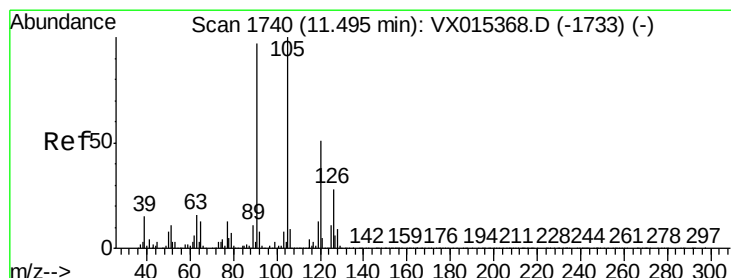
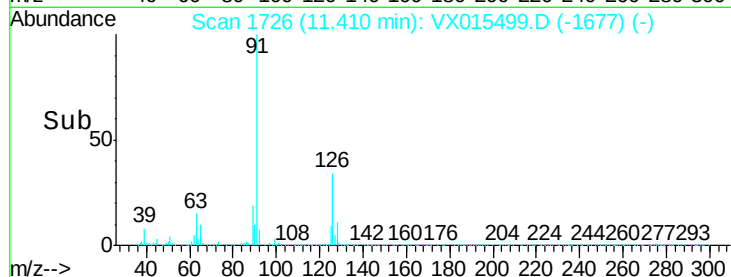
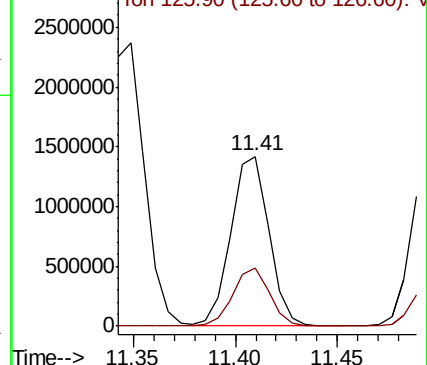
Ion Ratio Lower Upper

91 100

126 33.1 16.5 49.5



Abundance Ion 91.00 (90.70 to 91.70): VX015368.D (-1721) (-)



#80

1,3,5-Trimethylbenzene

Concen: 48.431 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VX015499.D

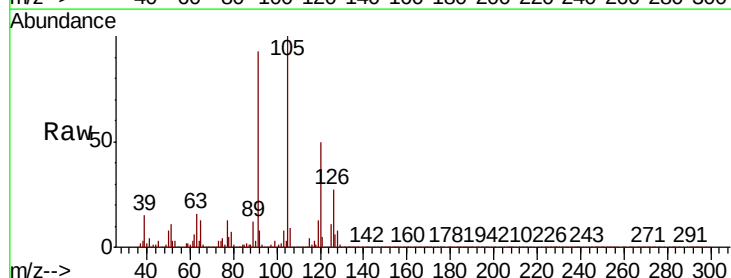
Acq: 02 Apr 2020 21:47

Tgt Ion: 105 Resp: 2214384

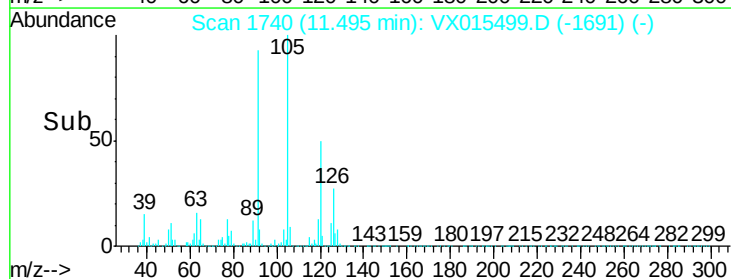
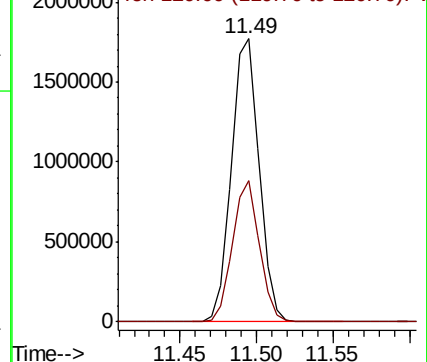
Ion Ratio Lower Upper

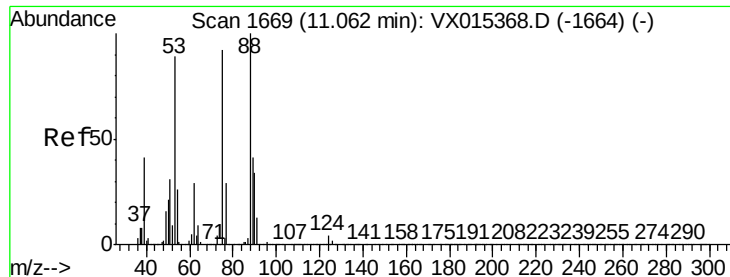
105 100

120 48.4 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): VX015368.D (-1733) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 44.488 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. -0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

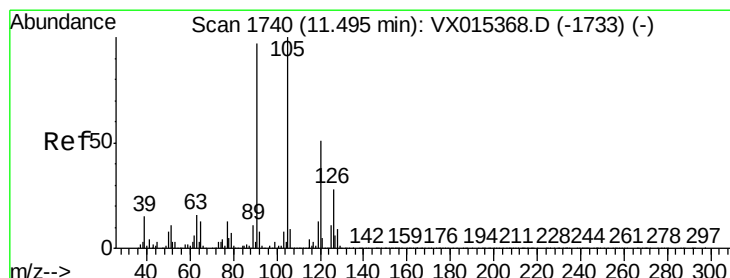
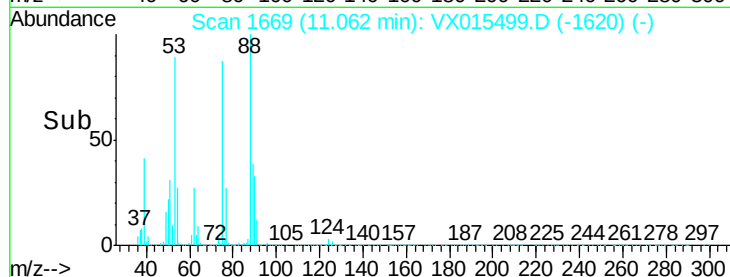
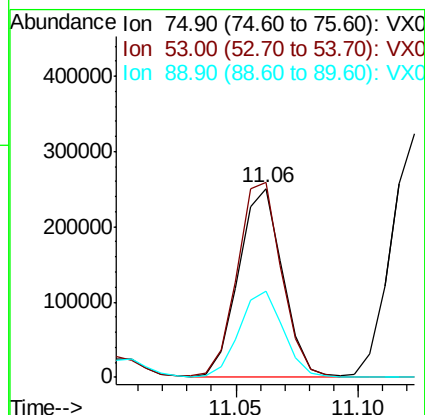
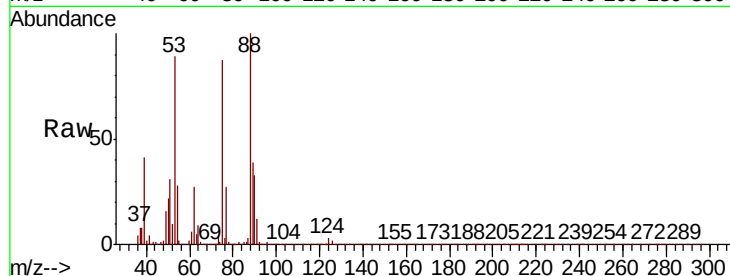
Tot Ion: 75 Resp: 311536

Ion Ratio Lower Upper

75 100

53 104.3 80.1 120.1

89 45.7 36.1 54.1



#82

4-Chlorotoluene

Concen: 48.011 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VX015499.D

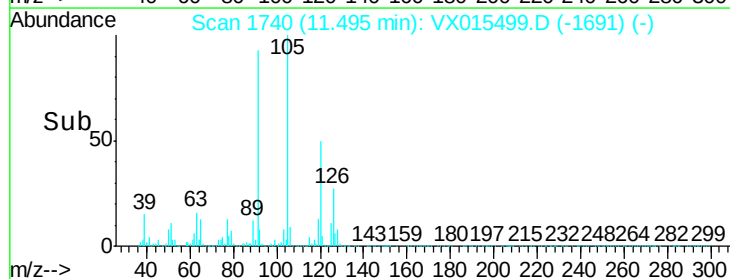
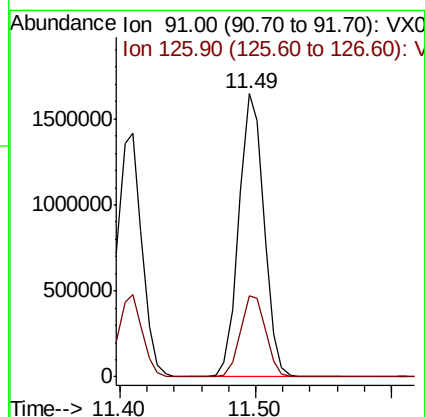
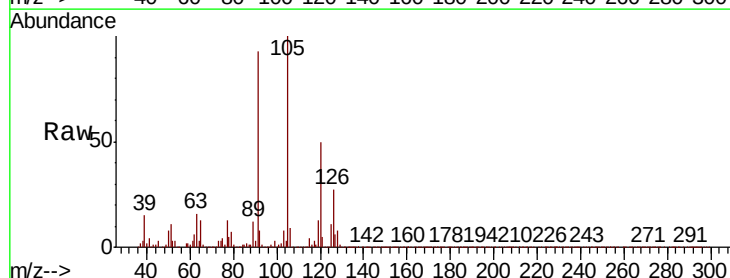
Acq: 02 Apr 2020 21:47

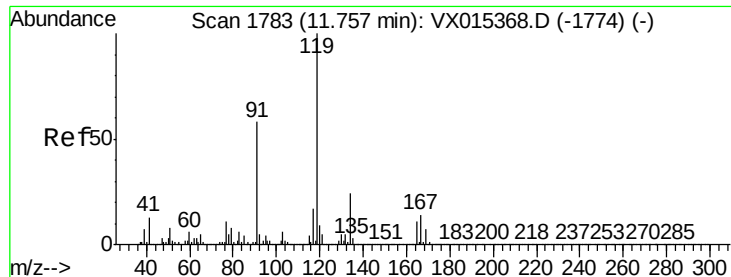
Tgt Ion: 91 Resp: 2111881

Ion Ratio Lower Upper

91 100

126 28.9 14.7 44.1





#83

tert-Butylbenzene

Concen: 48.814 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

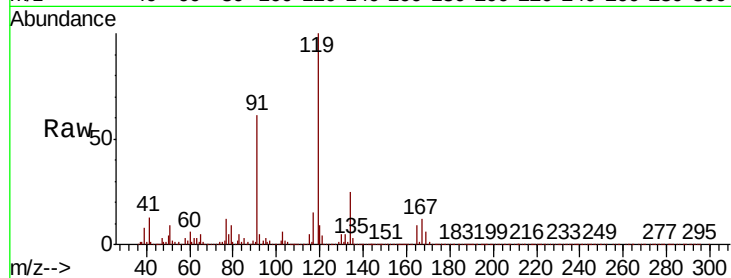
Tot Ion:119 Resp: 2180094

Ion Ratio Lower Upper

119 100

91 59.3 28.6 85.8

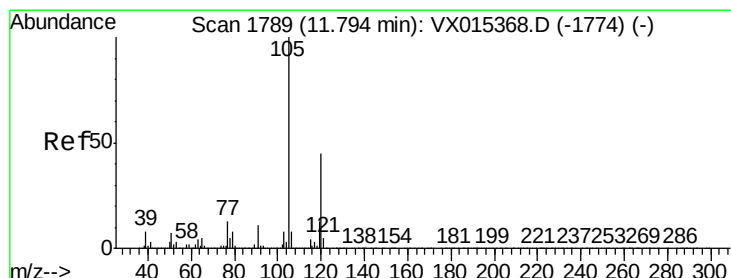
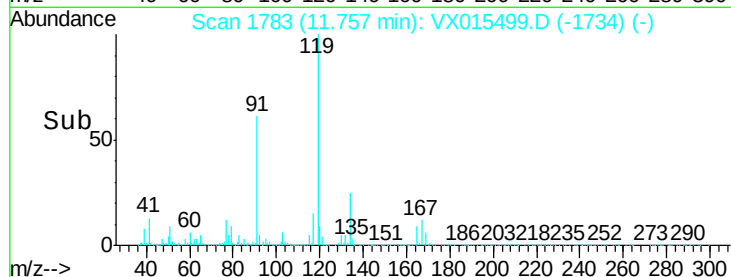
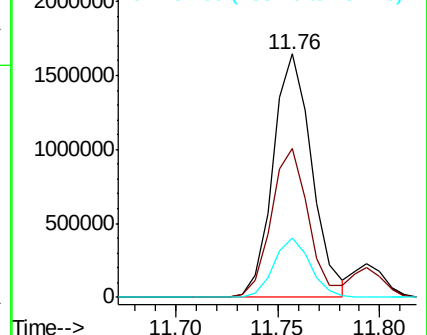
134 23.1 11.8 35.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 47.440 ug/l

RT: 11.79 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX015499.D

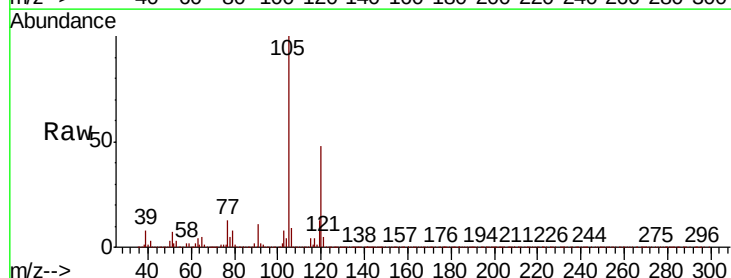
Acq: 02 Apr 2020 21:47

Tgt Ion:105 Resp: 2210369

Ion Ratio Lower Upper

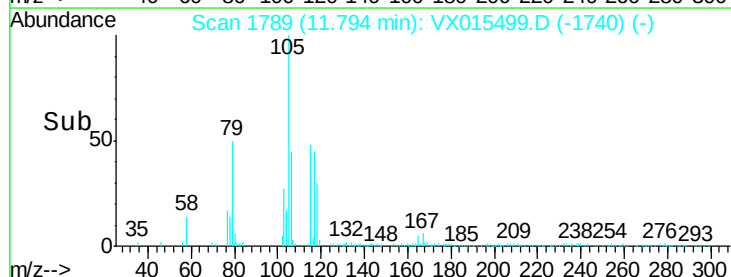
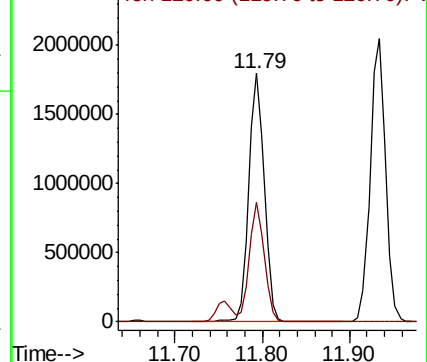
105 100

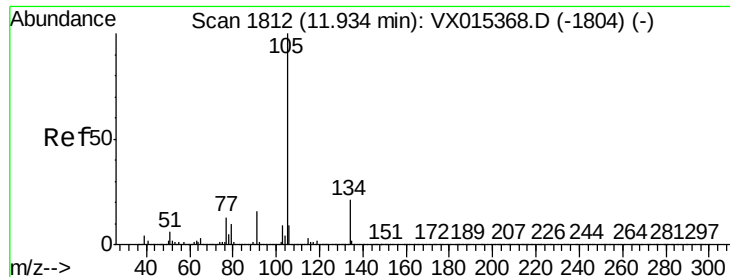
120 46.4 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 48.840 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

Instrument :

MSVOA_X

ClientSampleId :

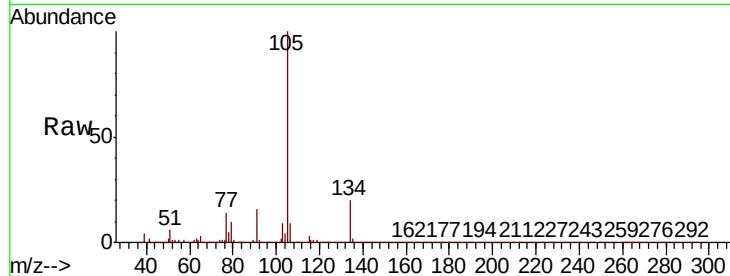
VSTDCCC050EC

Tot Ion:105 Resp: 2522703

Ion Ratio Lower Upper

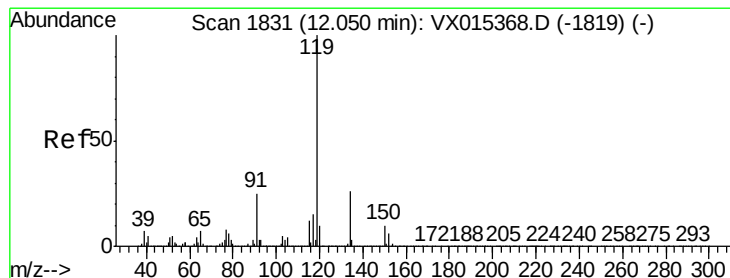
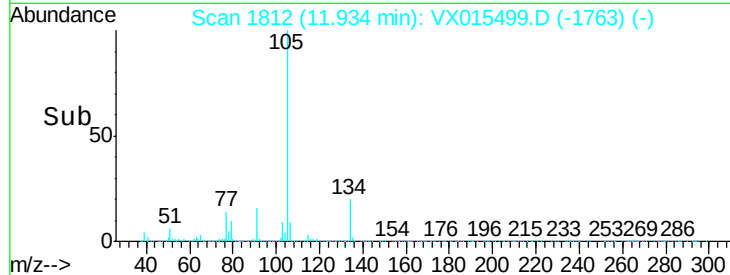
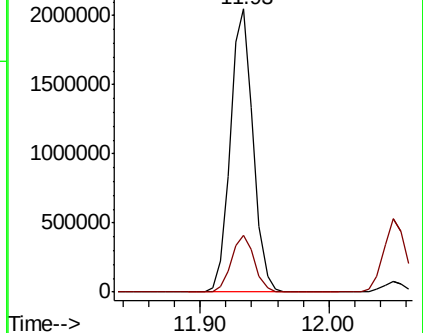
105 100

134 20.5 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.686 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

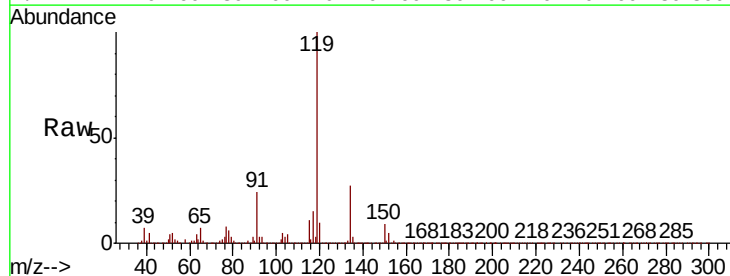
Tgt Ion:119 Resp: 2382537

Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

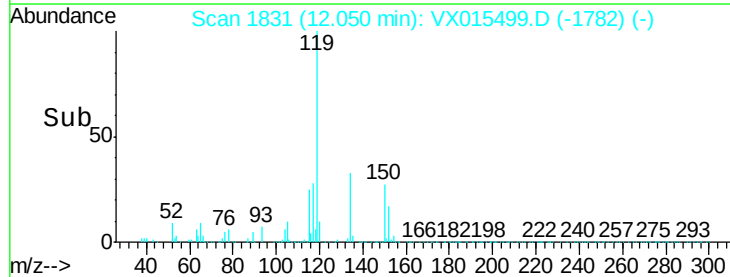
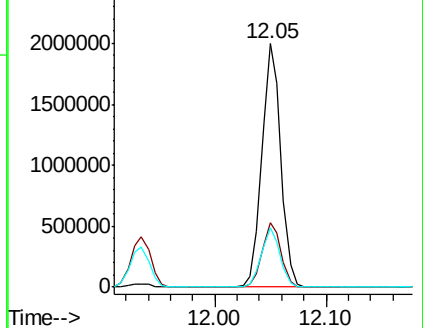
91 24.0 12.4 37.4

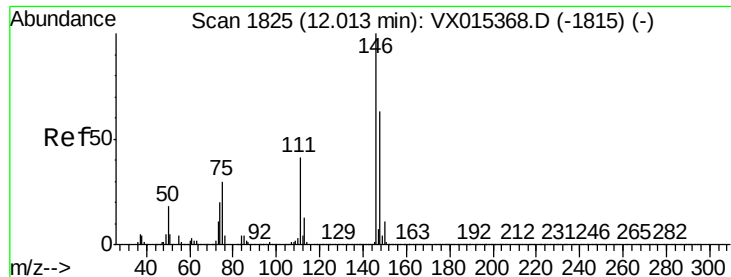


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

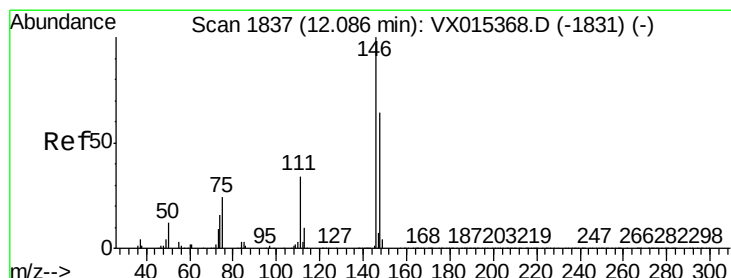
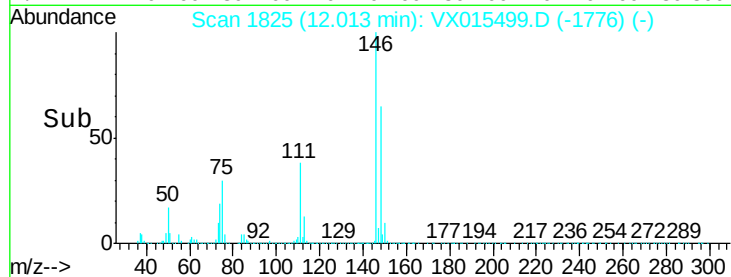
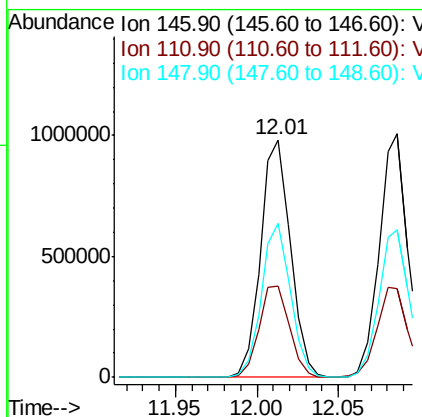
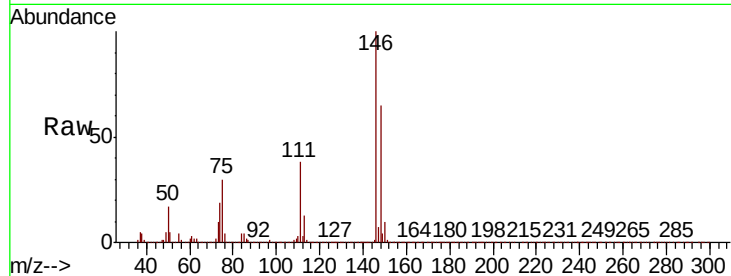




#87
 1,3-Dichlorobenzene
 Concen: 48.520 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: VX015499.D
 Acq: 02 Apr 2020 21:47

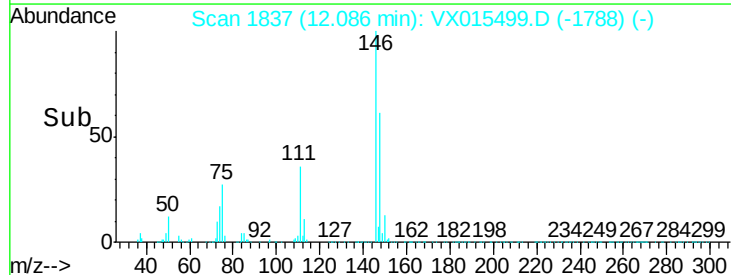
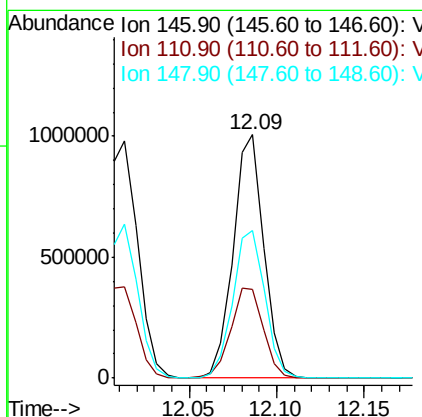
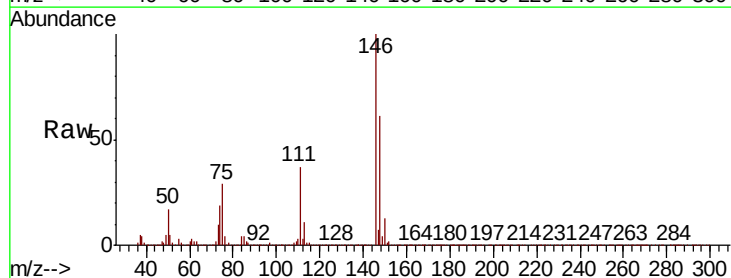
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

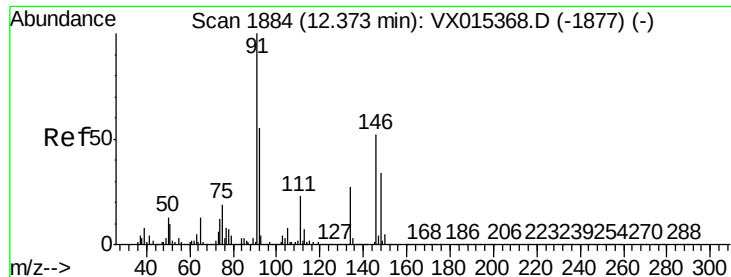
Tot Ion:146 Resp: 1240401
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.3 60.9
 148 63.3 31.3 93.9



#88
 1,4-Dichlorobenzene
 Concen: 46.980 ug/l
 RT: 12.09 min Scan# 1837
 Delta R.T. -0.00 min
 Lab File: VX015499.D
 Acq: 02 Apr 2020 21:47

Tgt Ion:146 Resp: 1223381
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.1 57.5
 148 63.6 32.4 97.2

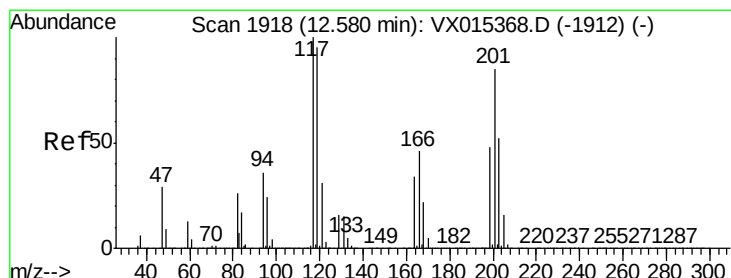
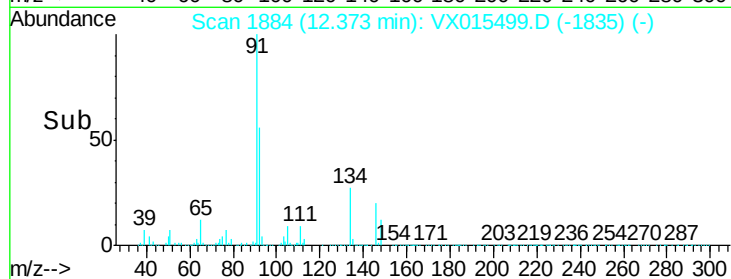
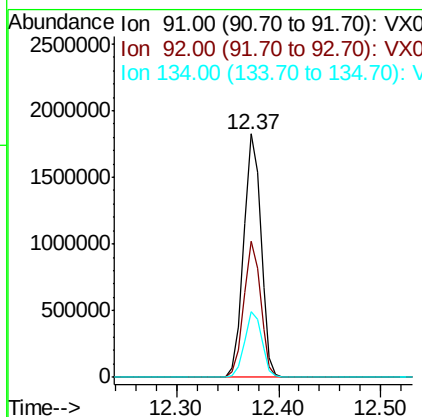
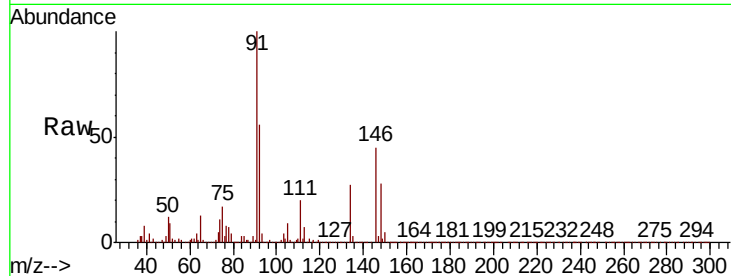




#89
n-Butylbenzene
Concen: 49.216 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX015499.D
Acq: 02 Apr 2020 21:47

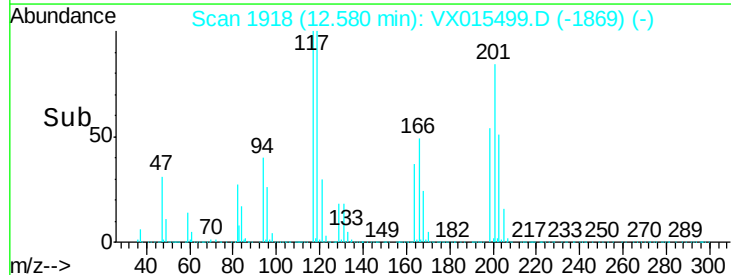
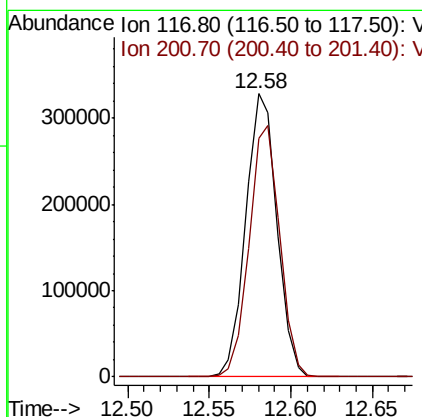
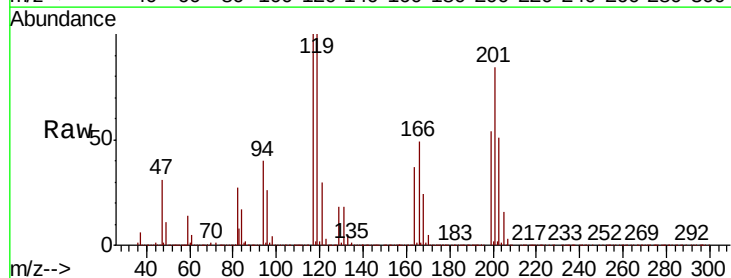
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

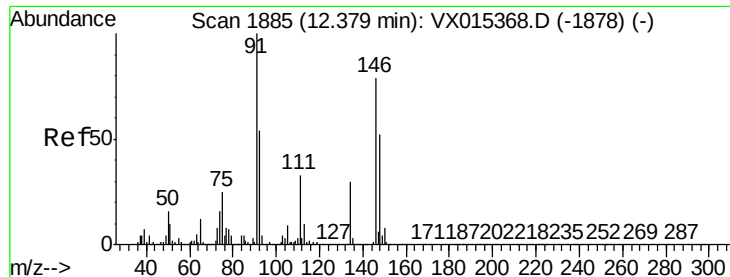
Tot Ion: 91 Resp: 2132652
Ion Ratio Lower Upper
91 100
92 54.6 27.2 81.5
134 27.0 13.4 40.2



#90
Hexachloroethane
Concen: 46.800 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VX015499.D
Acq: 02 Apr 2020 21:47

Tgt Ion: 117 Resp: 436792
Ion Ratio Lower Upper
117 100
201 87.5 42.6 128.0

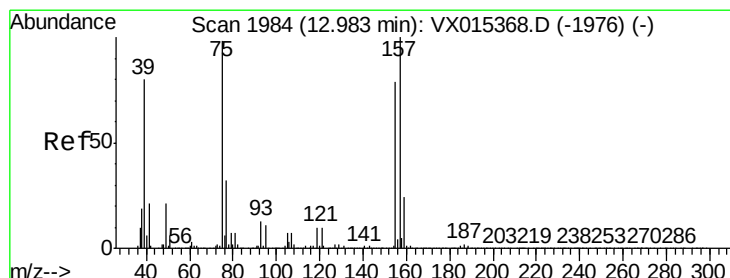
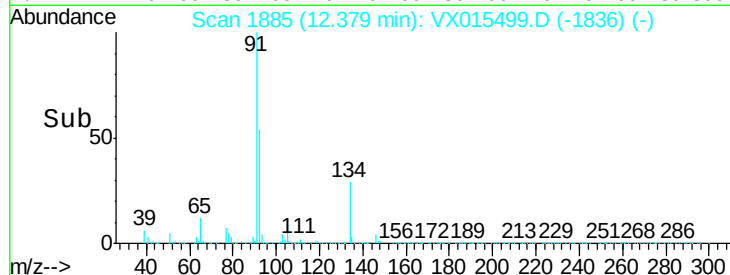
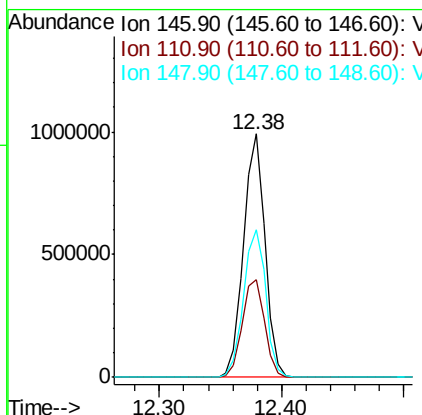
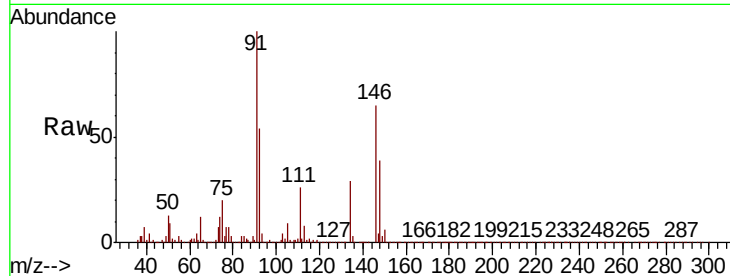




#91
 1,2-Dichlorobenzene
 Concen: 48.039 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. -0.00 min
 Lab File: VX015499.D
 Acq: 02 Apr 2020 21:47

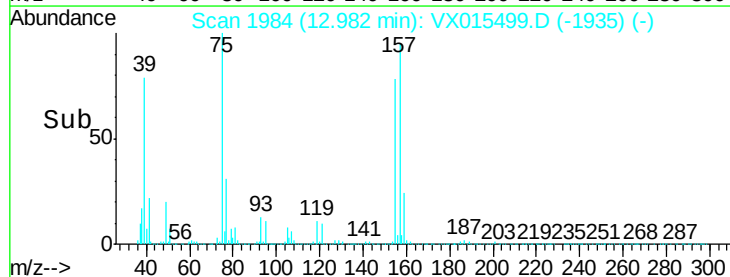
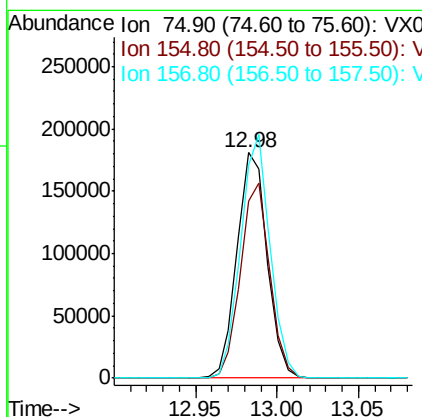
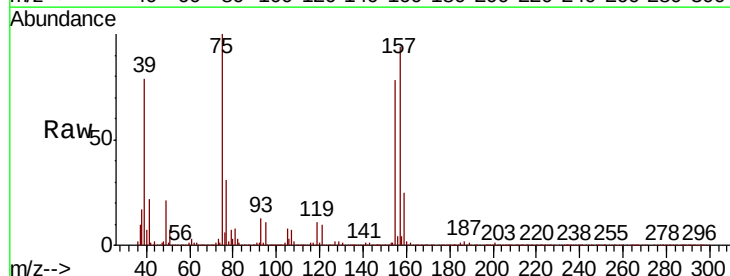
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

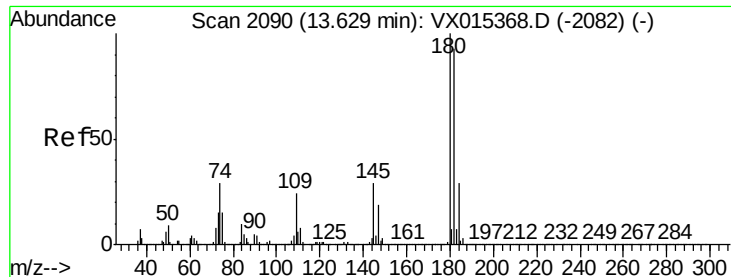
Tot Ion:146 Resp: 1201878
 Ion Ratio Lower Upper
 146 100
 111 41.7 21.0 63.0
 148 62.8 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.156 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. -0.00 min
 Lab File: VX015499.D
 Acq: 02 Apr 2020 21:47

Tgt Ion: 75 Resp: 234135
 Ion Ratio Lower Upper
 75 100
 155 83.9 42.8 128.4
 157 105.5 53.4 160.3

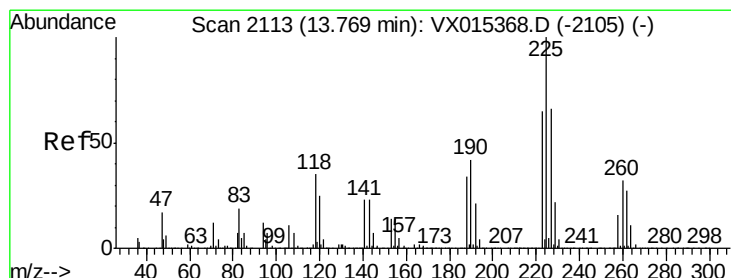
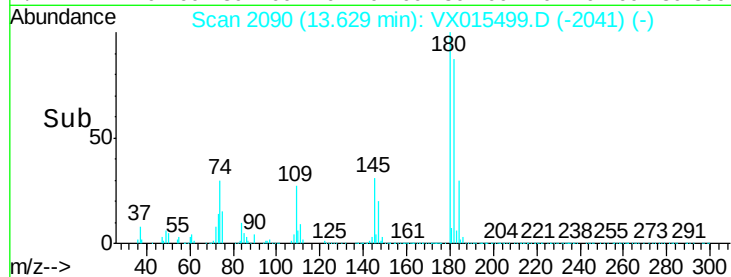
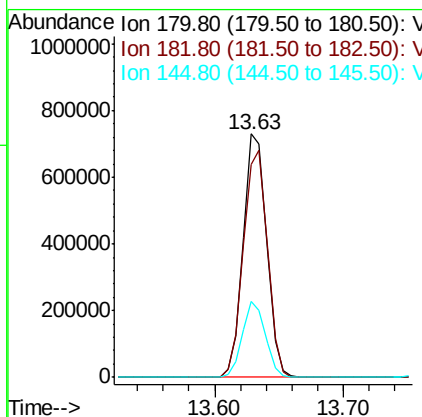
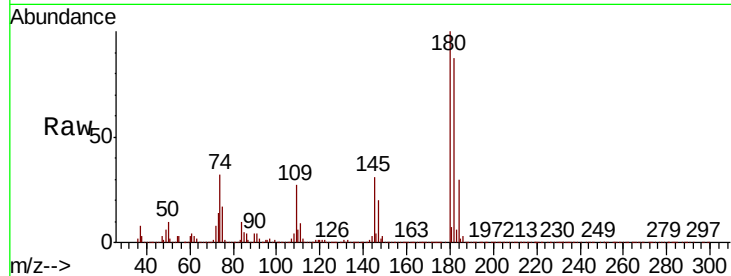




#93
 1,2,4-Trichlorobenzene
 Concen: 46.304 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: VX015499.D
 Acq: 02 Apr 2020 21:47

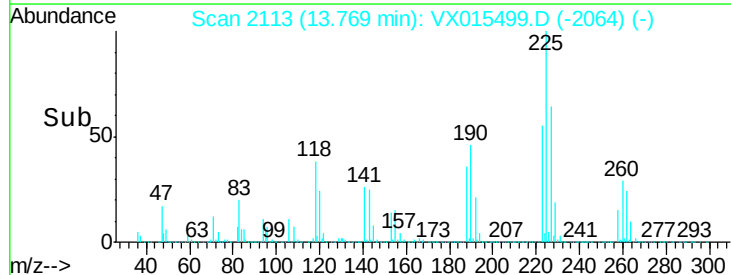
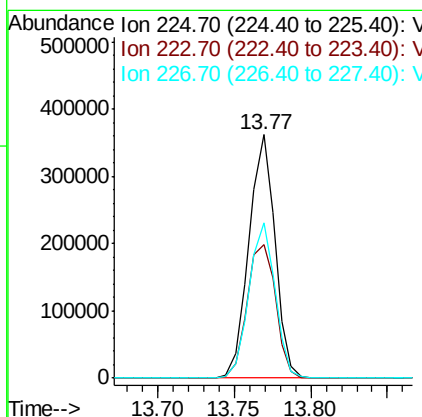
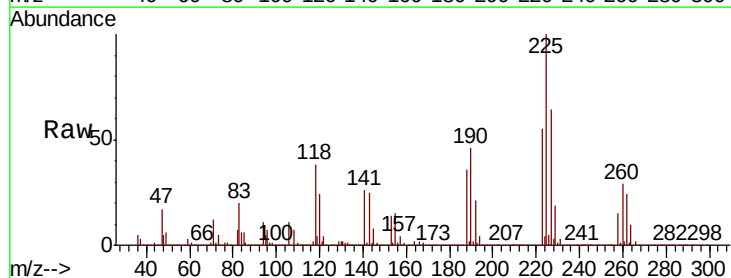
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

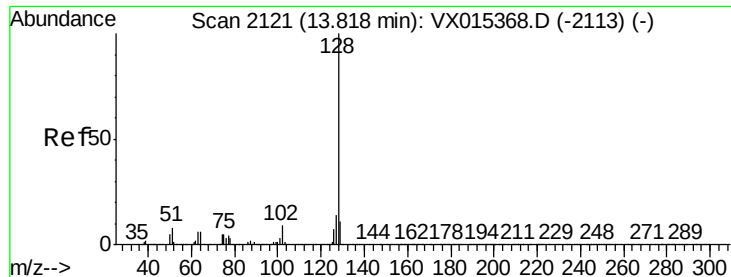
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	46.9	140.7
145	30.5	14.9	44.5



#94
 Hexachlorobutadiene
 Concen: 45.652 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VX015499.D
 Acq: 02 Apr 2020 21:47

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.9	31.9	95.7
227	63.7	30.4	91.3

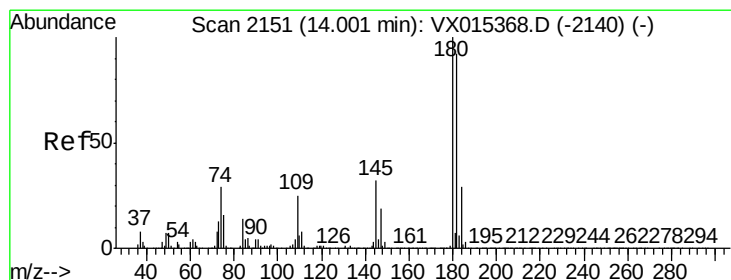
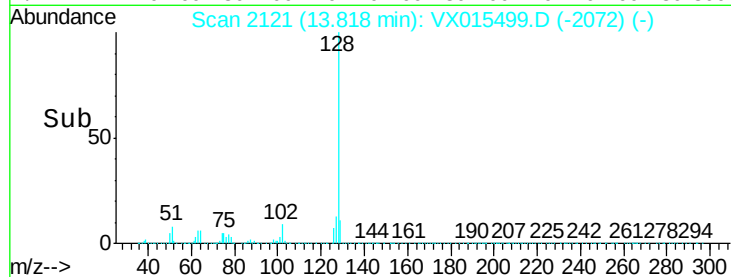
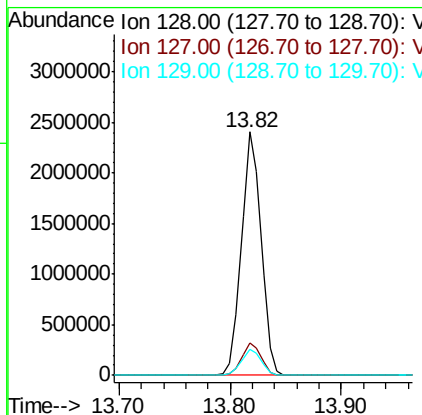
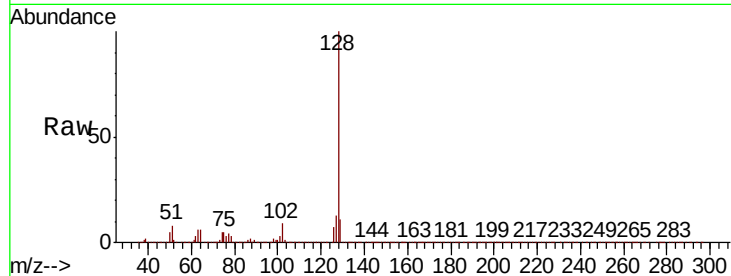




#95
Naphthalene
Concen: 48.752 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. -0.00 min
Lab File: VX015499.D
Acq: 02 Apr 2020 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 2942903
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 47.356 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.01 min
Lab File: VX015499.D
Acq: 02 Apr 2020 21:47

Tgt Ion:180 Resp: 902291
Ion Ratio Lower Upper
180 100
182 99.4 46.7 140.0
145 32.0 15.8 47.3

