

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042120\
 Data File : VX015809.D
 Acq On : 21 Apr 2020 20:48
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 22 04:22:29 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	881515	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1376626	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1301960	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	703781	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	592307	47.64	ug/l	0.00
Spiked Amount			Recovery	=	95.28%	
35) Dibromofluoromethane	5.47	113	473105	53.76	ug/l	0.00
Spiked Amount			Recovery	=	107.52%	
50) Toluene-d8	8.70	98	1791735	55.30	ug/l	0.00
Spiked Amount			Recovery	=	110.60%	
62) 4-Bromofluorobenzene	11.12	95	744501	56.54	ug/l	0.00
Spiked Amount			Recovery	=	113.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	308106	39.672	ug/l	100
3) Chloromethane	1.31	50	376255	38.043	ug/l	97
4) Vinyl Chloride	1.39	62	433912	47.780	ug/l	98
5) Bromomethane	1.62	94	156936	35.074	ug/l	98
6) Chloroethane	1.71	64	271626	48.226	ug/l	98
7) Trichlorofluoromethane	1.92	101	600356	49.294	ug/l	97
8) Diethyl Ether	2.17	74	267586	52.090	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	411921	51.882	ug/l	97
10) Methyl Iodide	2.49	142	396917	37.079	ug/l	95
11) Tert butyl alcohol	3.01	59	627923	211.005	ug/l	100
12) 1,1-Dichloroethene	2.36	96	419609	50.419	ug/l	98
13) Acrolein	2.28	56	419687	247.576	ug/l	99
14) Allyl chloride	2.71	41	922921	47.461	ug/l	95
15) Acrylonitrile	3.12	53	1494831	263.398	ug/l	98
16) Acetone	2.42	43	1296948	242.810	ug/l	95
17) Carbon Disulfide	2.55	76	1081798	42.610	ug/l	98
18) Methyl Acetate	2.75	43	806898	59.188	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	1666885	51.642	ug/l	100
20) Methylene Chloride	2.84	84	508009	50.918	ug/l	91
21) trans-1,2-Dichloroethene	3.14	96	465275	50.375	ug/l	97
22) Diisopropyl ether	3.83	45	1803179	52.329	ug/l	87
23) Vinyl Acetate	3.79	43	7675860	246.031	ug/l	99
24) 1,1-Dichloroethane	3.67	63	923162	50.883	ug/l	99
25) 2-Butanone	4.64	43	2107608	245.352	ug/l	100
26) 2,2-Dichloropropane	4.56	77	727377	48.844	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	568448	53.196	ug/l	95
28) Bromochloromethane	4.98	49	390996	45.138	ug/l	94
29) Tetrahydrofuran	5.09	42	1349819	244.428	ug/l	96
30) Chloroform	5.18	83	915288	52.437	ug/l	96
31) Cyclohexane	5.56	56	784772	49.862	ug/l	97
32) 1,1,1-Trichloroethane	5.47	97	803582	50.870	ug/l	98
36) 1,1-Dichloropropene	5.78	75	660018	52.035	ug/l	99
37) Ethyl Acetate	4.80	43	816766	49.454	ug/l	99
38) Carbon Tetrachloride	5.76	117	669492	48.732	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	776908	53.123	ug/l	95
40) Benzene	6.12	78	2011440	54.136	ug/l	99
41) Methacrylonitrile	5.01	41	487411	53.164	ug/l	97
42) 1,2-Dichloroethane	6.17	62	742029	49.719	ug/l	97
43) Isopropyl Acetate	6.42	43	1432622	51.385	ug/l	98
44) Trichloroethene	7.19	130	681606	67.265	ug/l	93
45) 1,2-Dichloropropane	7.50	63	554961	54.600	ug/l	96
46) Dibromomethane	7.64	93	362857	54.422	ug/l	94
47) Bromodichloromethane	7.88	83	741549	52.196	ug/l	97
48) Methyl methacrylate	7.75	41	712506	51.165	ug/l	94
49) 1,4-Dioxane	7.72	88	237844	915.543	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	4261370	269.704	ug/l	98
52) Toluene	8.77	92	1304000	56.926	ug/l	97
53) t-1,3-Dichloropropene	9.03	75	886334	53.194	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	925042	54.500	ug/l	93
55) 1,1,2-Trichloroethane	9.20	97	544126	57.977	ug/l	97
56) Ethyl methacrylate	9.16	69	914487	55.289	ug/l	94
57) 1,3-Dichloropropane	9.36	76	917509	54.261	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	2018817	250.935	ug/l	99
59) 2-Hexanone	9.48	43	3198137	268.102	ug/l	96
60) Dibromochloromethane	9.57	129	595060	52.765	ug/l	98
61) 1,2-Dibromoethane	9.66	107	566259	55.489	ug/l	97
64) Tetrachloroethene	9.32	164	907756	92.387	ug/l	94
65) Chlorobenzene	10.12	112	1461284	56.279	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	567371	54.696	ug/l	98
67) Ethyl Benzene	10.24	91	2520924	54.742	ug/l	100
68) m/p-Xylenes	10.34	106	1891519	110.306	ug/l	98
69) o-Xylene	10.68	106	937338	55.316	ug/l	99
70) Styrene	10.70	104	1660459	55.687	ug/l	98
71) Bromoform	10.84	173	472173	50.002	ug/l #	97
73) Isopropylbenzene	11.01	105	2507197	54.370	ug/l	99
74) N-amyl acetate	10.88	43	1294119	50.458	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	649067	41.020	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	1006029	69.512	ug/l	83
77) Bromobenzene	11.24	156	686481	55.811	ug/l	94
78) n-propylbenzene	11.35	91	2836837	53.800	ug/l	100
79) 2-Chlorotoluene	11.41	91	1720896	53.247	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	2125081	53.961	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	300537	49.827	ug/l	95
82) 4-Chlorotoluene	11.50	91	2028073	53.528	ug/l	99
83) tert-Butylbenzene	11.76	119	1919242	49.892	ug/l	94
84) 1,2,4-Trimethylbenzene	11.79	105	2173197	54.151	ug/l	99
85) sec-Butylbenzene	11.93	105	2440408	54.854	ug/l	99
86) p-Isopropyltoluene	12.05	119	2318879	56.145	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	1223156	55.548	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	1229967	54.838	ug/l	99
89) n-Butylbenzene	12.37	91	2016612	54.031	ug/l	98
90) Hexachloroethane	12.58	117	223117	27.755	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	1194415	55.427	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	197775	44.285	ug/l	88

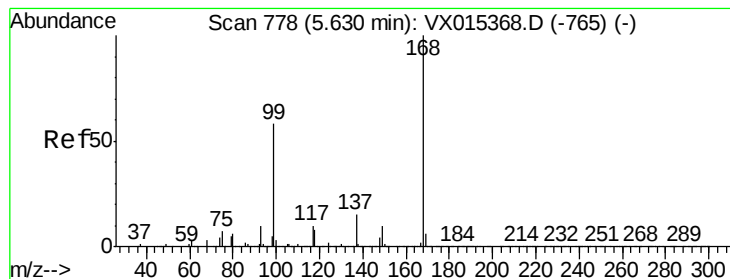
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042120\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	963818	56.545	ug/l	97
94) Hexachlorobutadiene	13.77	225	409191	50.421	ug/l	96
95) Naphthalene	13.82	128	2803144	53.913	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	934556	56.947	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

Instrument :

MSVOA_X

ClientSampleId :

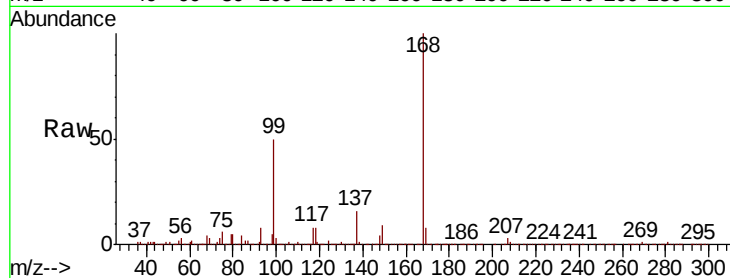
VSTDCCC050EC

Tot Ion:168 Resp: 881515

Ion Ratio Lower Upper

168 100

99 49.5 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

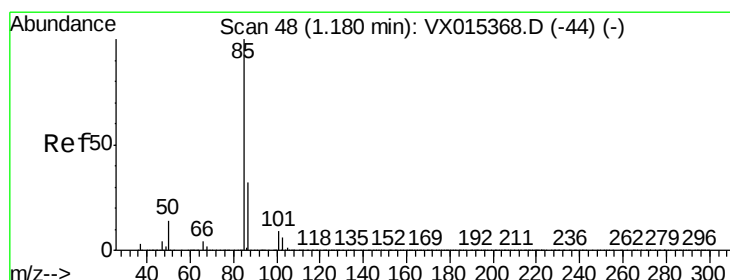
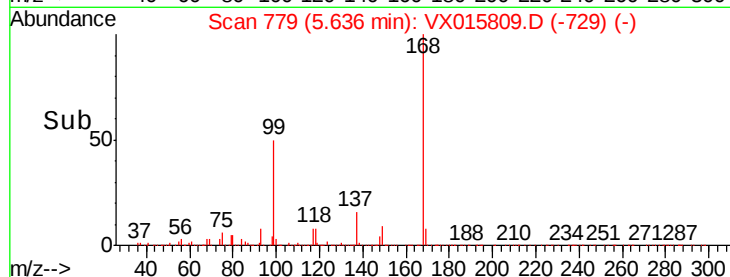
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 39.672 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.01 min

Lab File: VX015809.D

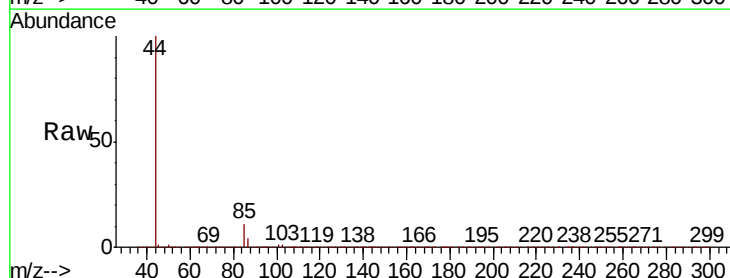
Acq: 21 Apr 2020 20:48

Tgt Ion: 85 Resp: 308106

Ion Ratio Lower Upper

85 100

87 32.0 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

400000

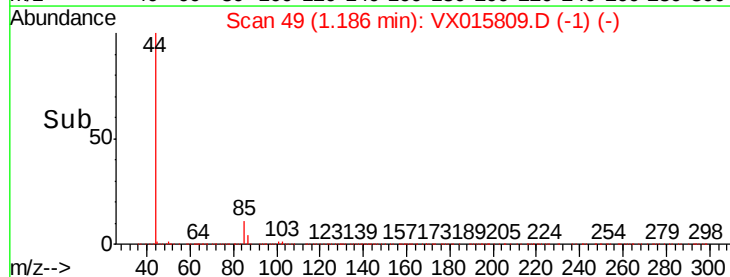
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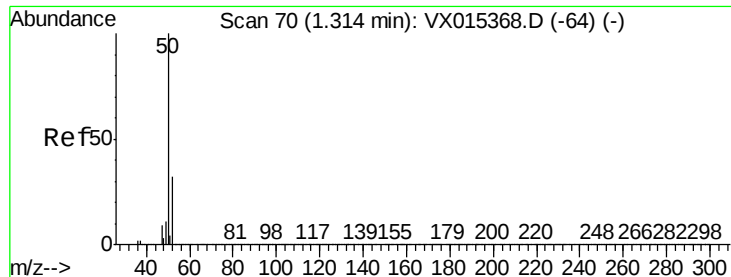
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Time-->

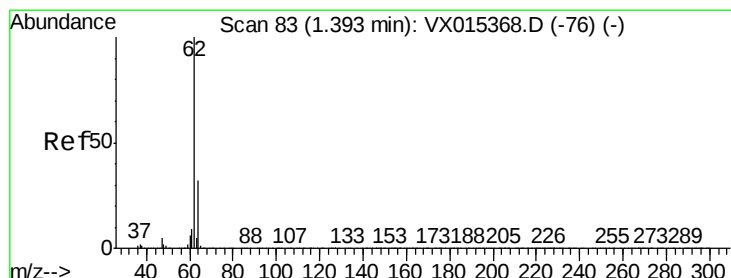
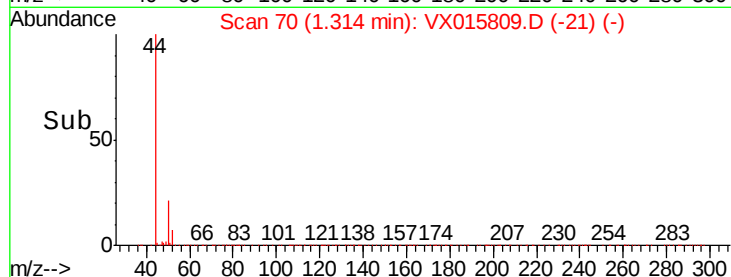
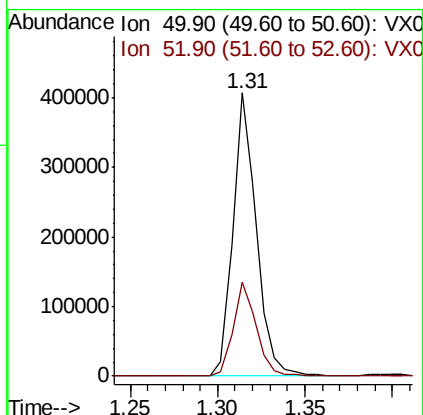
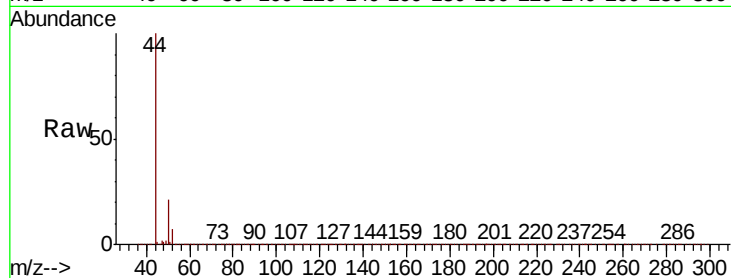




#3
Chloromethane
Concen: 38.043 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

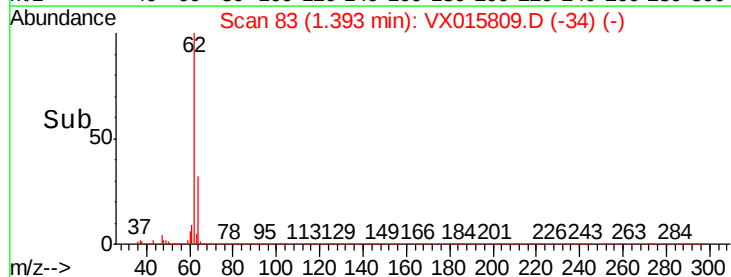
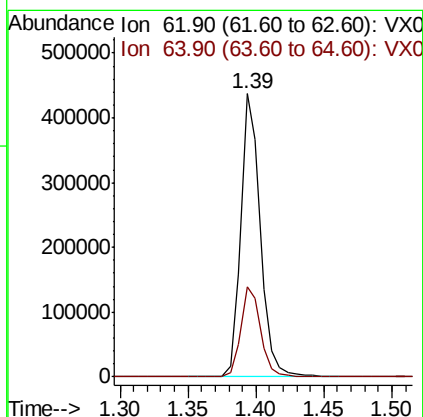
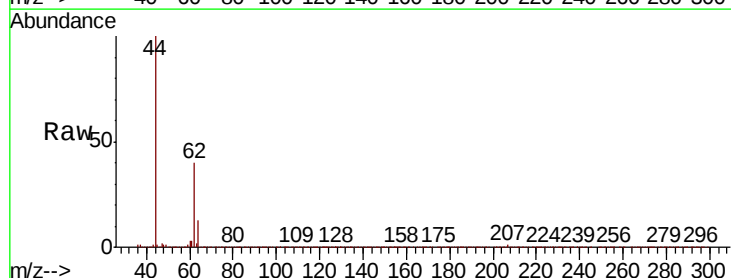
Instrument :
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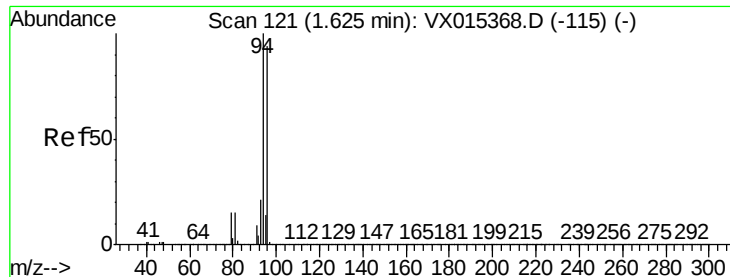
Tot Ion: 50 Resp: 376255
Ion Ratio Lower Upper
50 100
52 33.3 25.3 37.9



#4
Vinyl Chloride
Concen: 47.780 ug/l
RT: 1.39 min Scan# 83
Delta R.T. 0.00 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Tgt Ion: 62 Resp: 433912
Ion Ratio Lower Upper
62 100
64 31.6 26.0 39.0





#5

Bromomethane

Concen: 35.074 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

Instrument :

MSVOA_X

ClientSampleId :

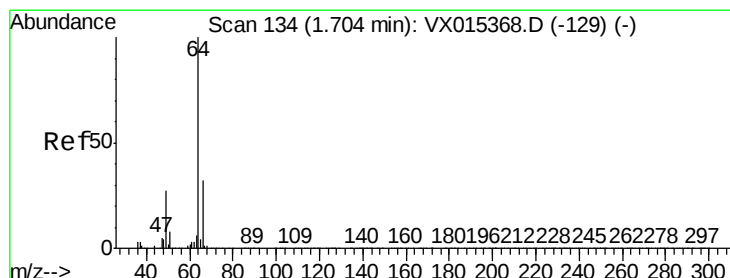
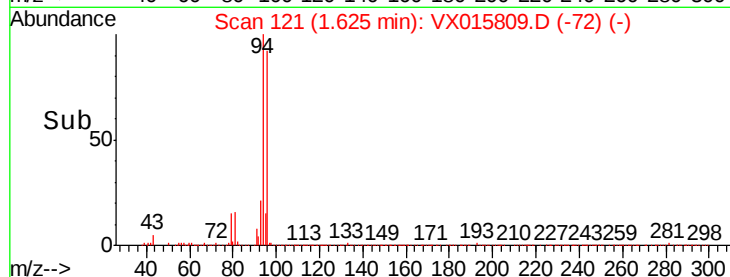
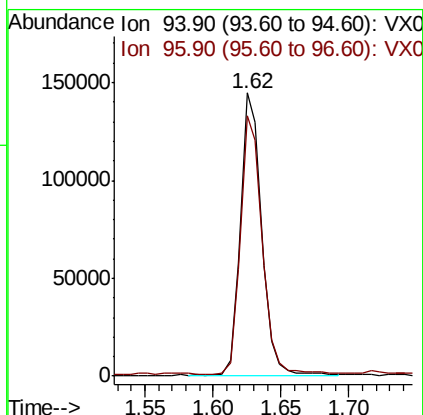
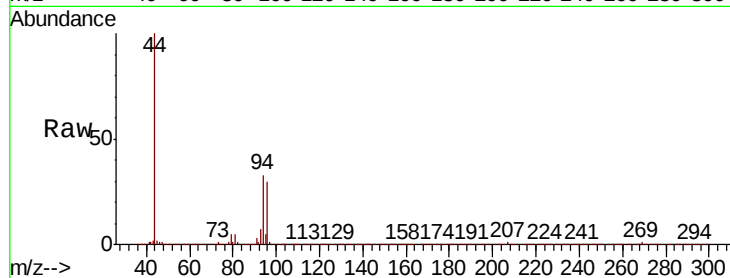
VSTDCCC050EC

Tot Ion: 94 Resp: 156936

Ion Ratio Lower Upper

94 100

96 91.1 74.8 112.2



#6

Chloroethane

Concen: 48.226 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015809.D

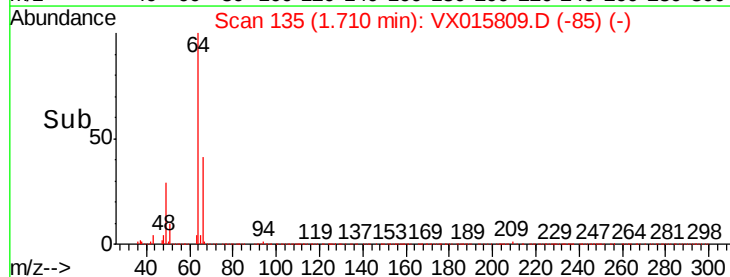
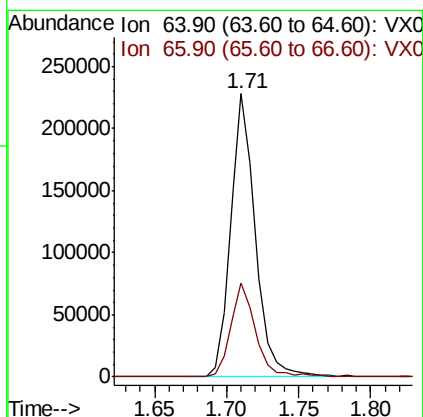
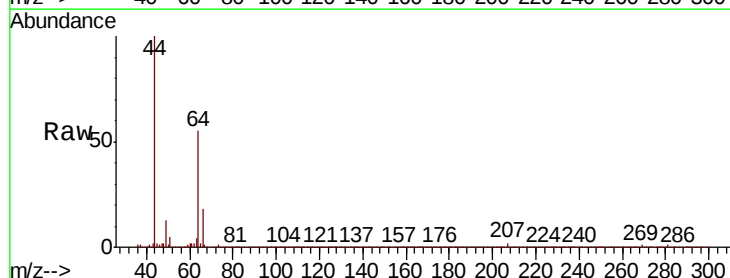
Acq: 21 Apr 2020 20:48

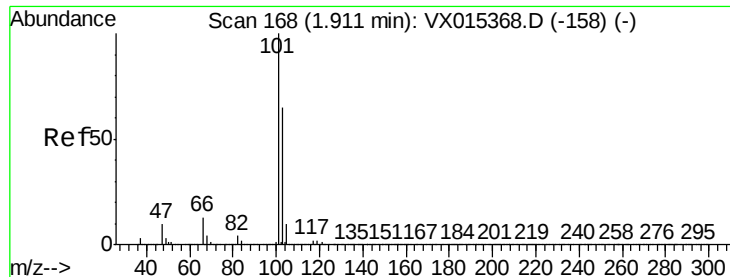
Tgt Ion: 64 Resp: 271626

Ion Ratio Lower Upper

64 100

66 32.7 25.4 38.2



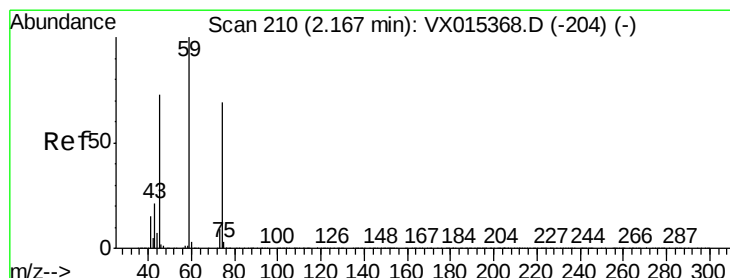
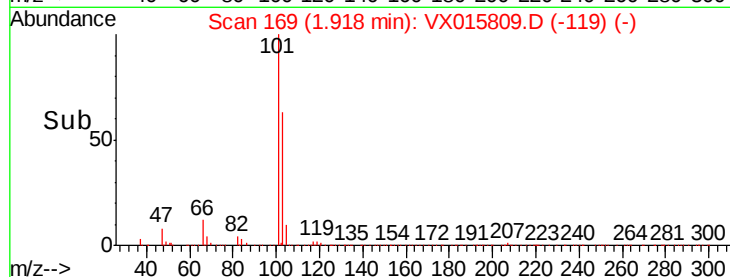
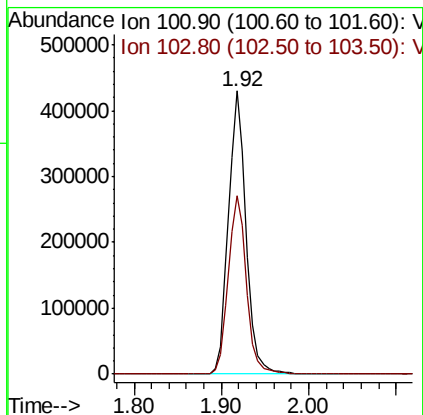
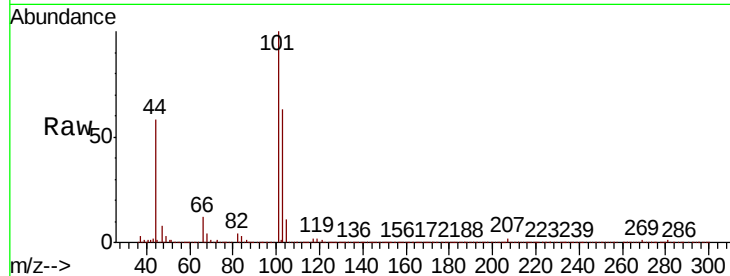


#7

Trichlorofluoromethane
Concen: 49.294 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX015809.D
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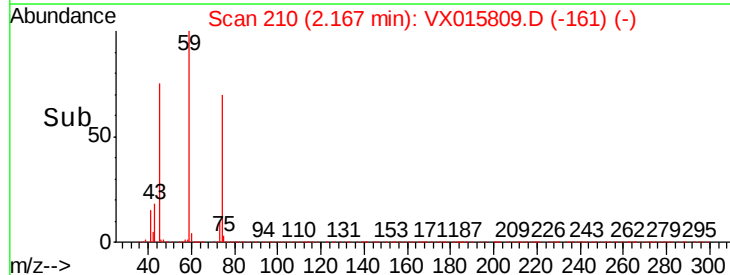
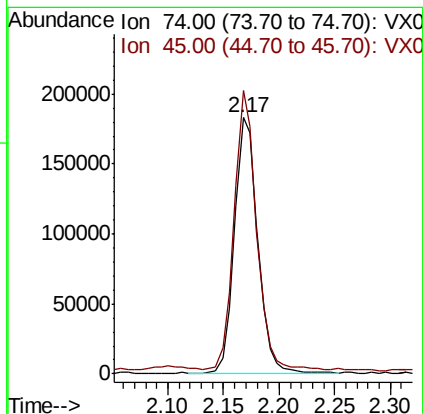
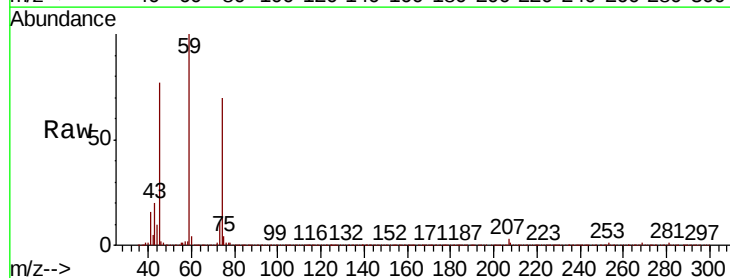
Tot Ion:101 Resp: 600356
Ion Ratio Lower Upper
101 100
103 62.8 52.3 78.5

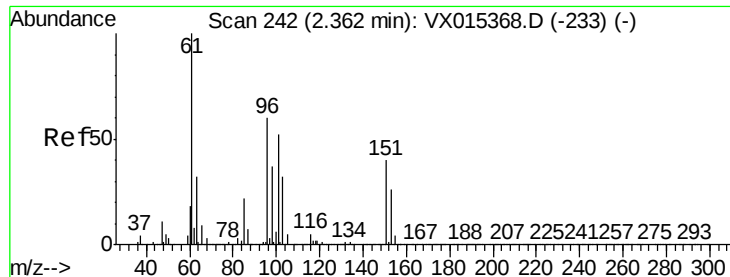


#8

Diethyl Ether
Concen: 52.090 ug/l
RT: 2.17 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Tgt Ion: 74 Resp: 267586
Ion Ratio Lower Upper
74 100
45 103.1 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.882 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

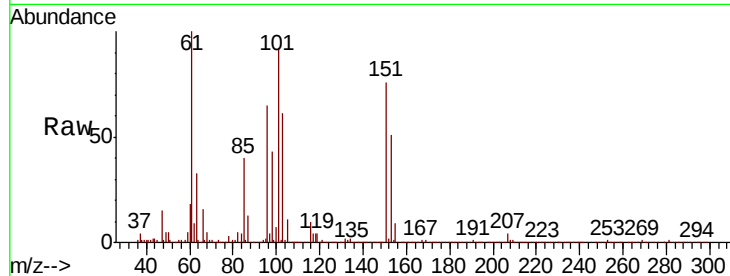
Tot Ion:101 Resp: 411921

Ion Ratio Lower Upper

101 100

85 42.8 35.0 52.4

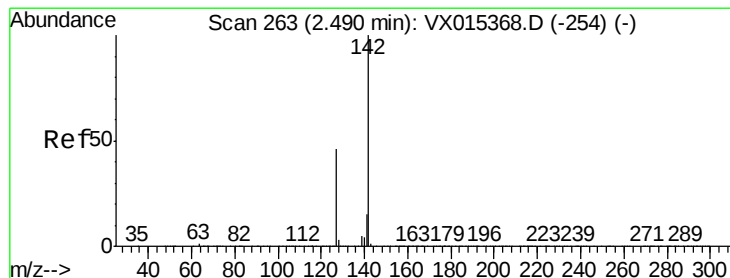
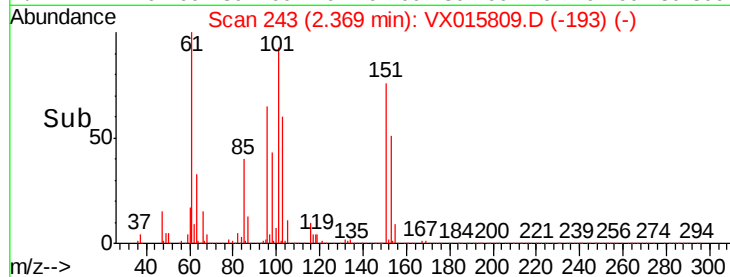
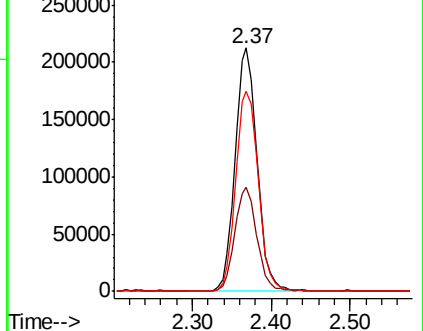
151 84.2 64.1 96.1



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: 37.079 ug/l

RT: 2.49 min Scan# 263

Delta R.T. 0.00 min

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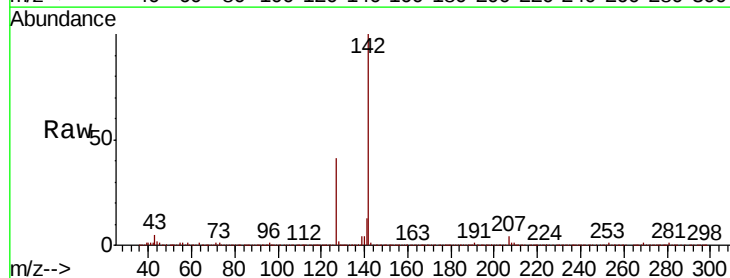
Tgt Ion:142 Resp: 396917

Ion Ratio Lower Upper

142 100

127 40.8 35.9 53.9

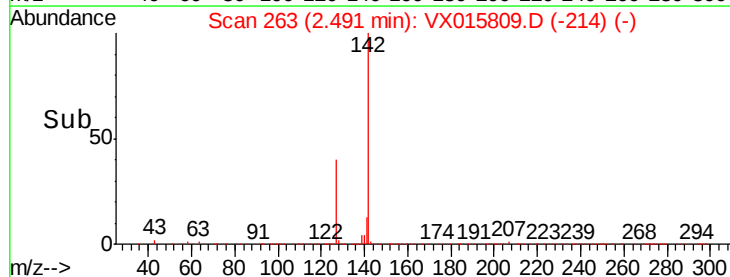
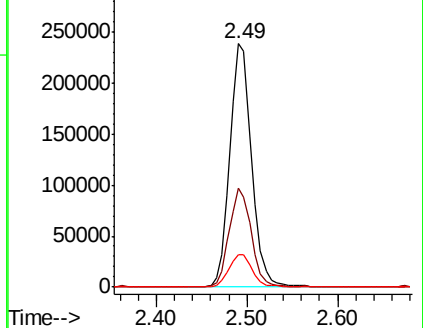
141 14.2 11.6 17.4

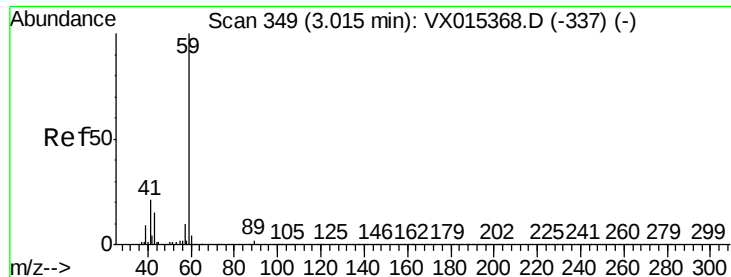


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 211.005 ug/l

RT: 3.01 min Scan# 349

Delta R.T. 0.00 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

Instrument :

MSVOA_X

ClientSampleId :

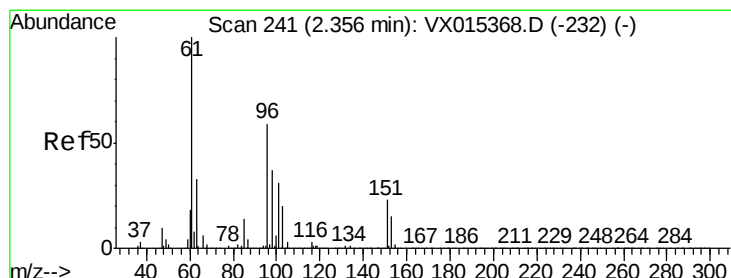
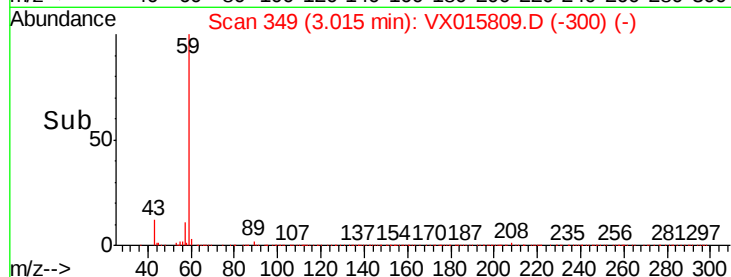
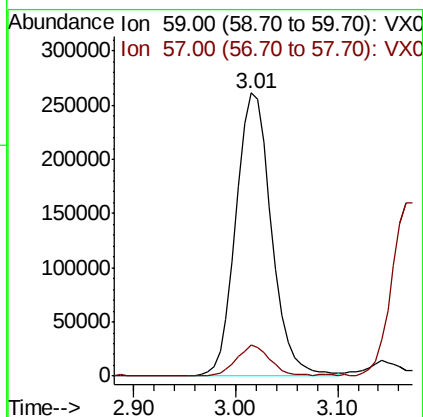
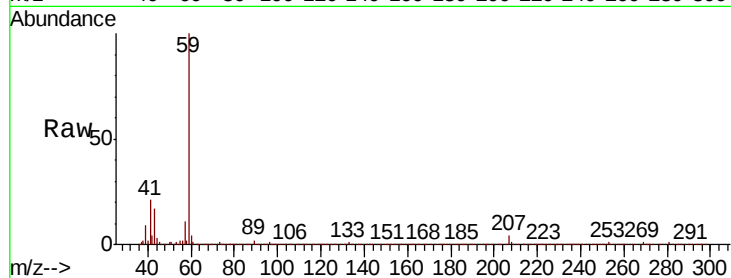
VSTDCCC050EC

Tot Ion: 59 Resp: 627923

Ion Ratio Lower Upper

59 100

57 10.0 8.1 12.1



#12

1,1-Dichloroethene

Concen: 50.419 ug/l

RT: 2.36 min Scan# 241

Delta R.T. 0.00 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

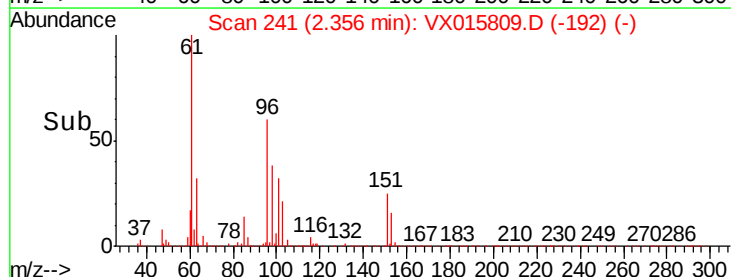
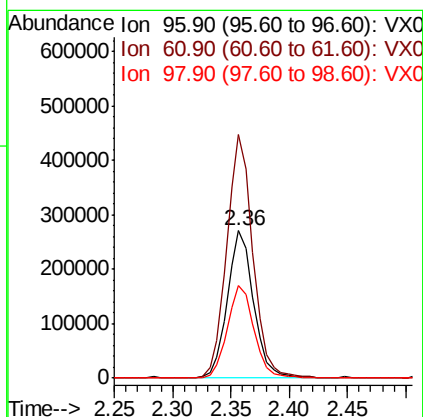
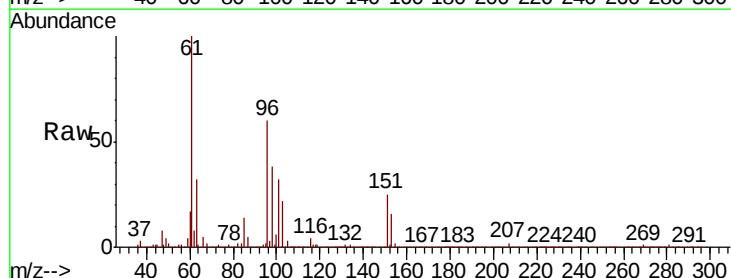
Tgt Ion: 96 Resp: 419609

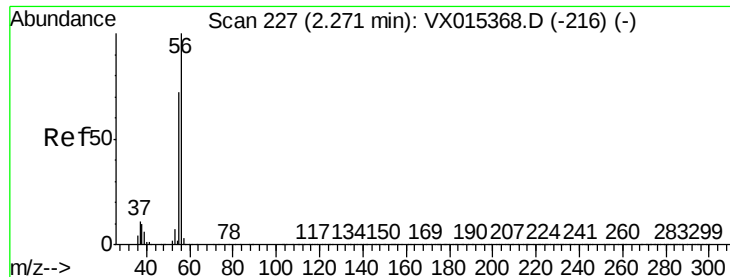
Ion Ratio Lower Upper

96 100

61 166.0 135.7 203.5

98 63.3 50.6 75.8

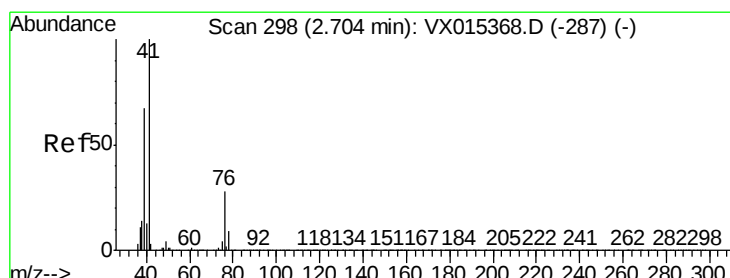
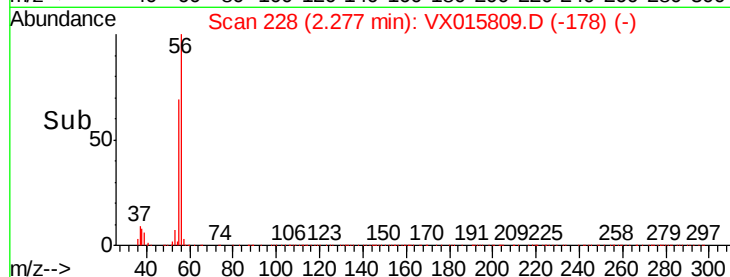
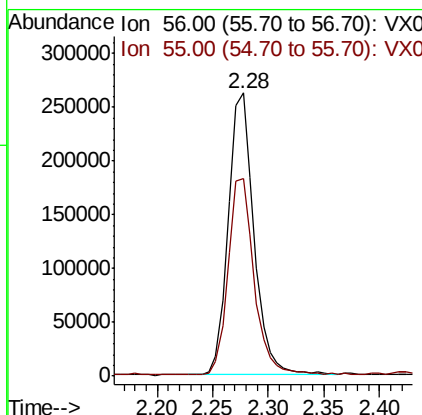
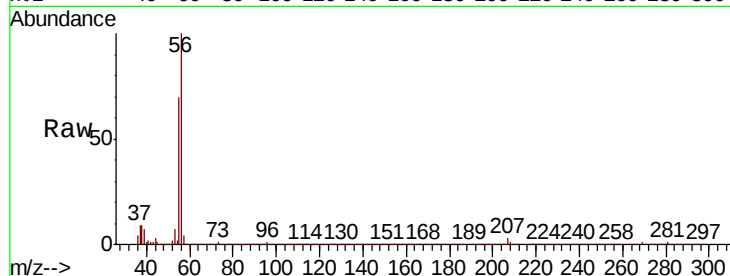




#13
Acrolein
Concen: 247.576 ug/l
RT: 2.28 min Scan# 228
Delta R.T. 0.01 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

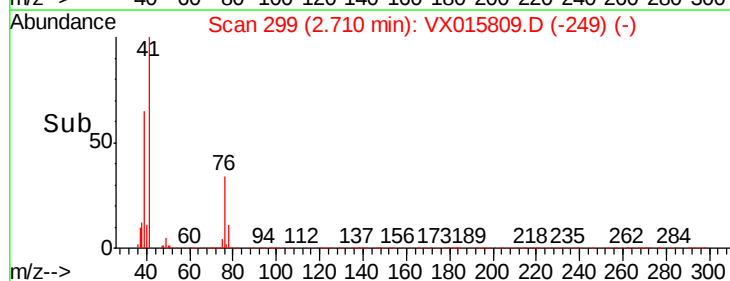
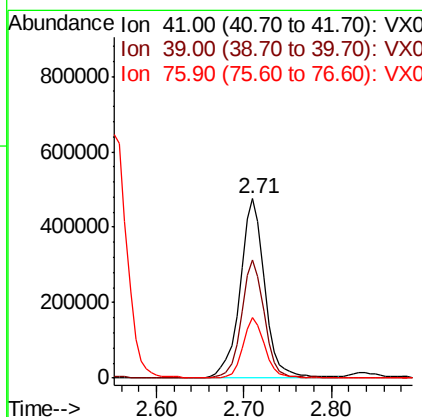
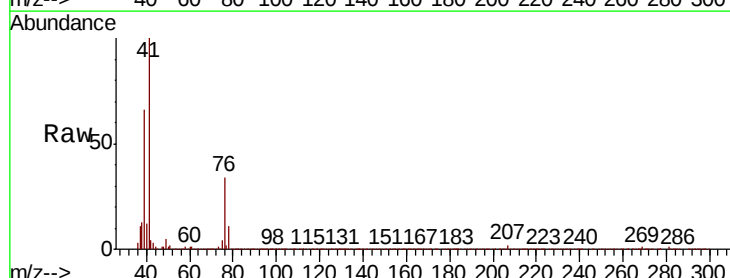
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

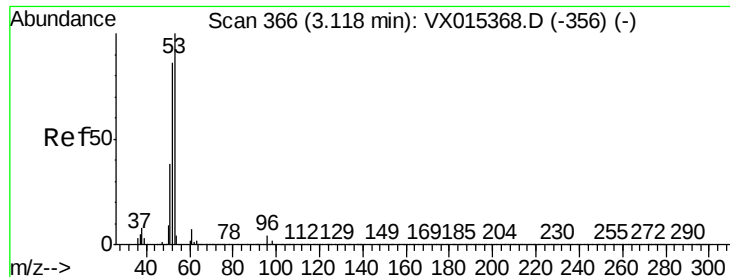
Tot Ion: 56 Resp: 419687
Ion Ratio Lower Upper
56 100
55 70.0 57.0 85.4



#14
Allyl chloride
Concen: 47.461 ug/l
RT: 2.71 min Scan# 299
Delta R.T. 0.01 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Tgt Ion: 41 Resp: 922921
Ion Ratio Lower Upper
41 100
39 60.8 51.4 77.0
76 29.9 21.8 32.8





#15

Acrylonitrile

Concen: 263.398 ug/l

RT: 3.12 min Scan# 366

Delta R.T. 0.00 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

Instrument :

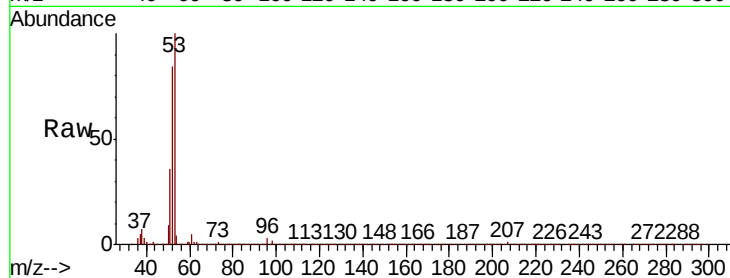
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 53 Resp: 1494831

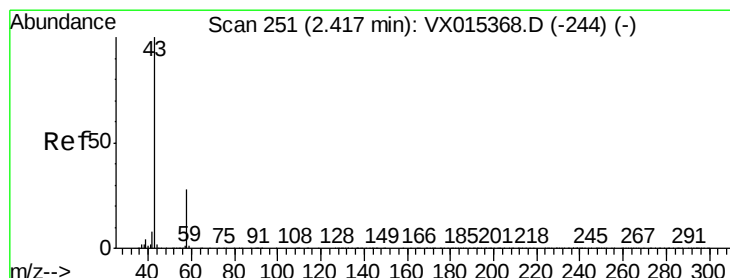
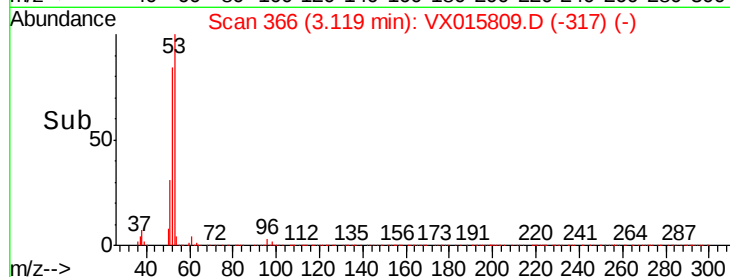
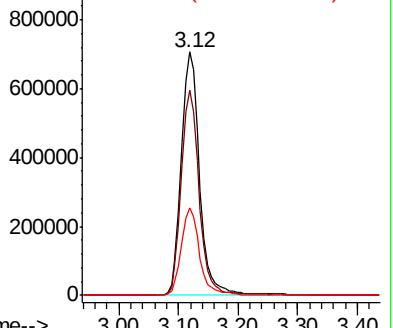
Ion	Ratio	Lower	Upper
53	100		
52	82.3	66.8	100.2
51	35.6	29.5	44.3



Abundance Ion 53.00 (52.70 to 53.70): VX015368.D (-356) (-)

Ion 52.00 (51.70 to 52.70): VX015368.D (-356) (-)

Ion 51.00 (50.70 to 51.70): VX015368.D (-356) (-)



#16

Acetone

Concen: 242.810 ug/l

RT: 2.42 min Scan# 252

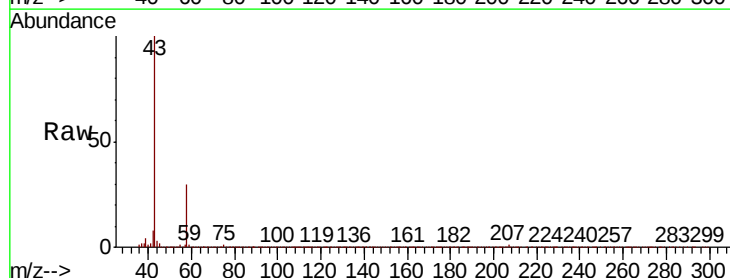
Delta R.T. 0.01 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

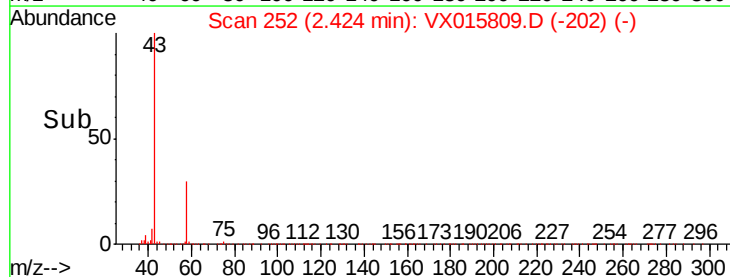
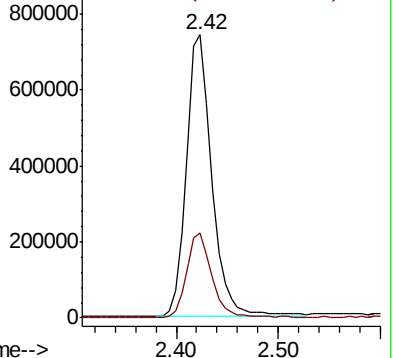
Tgt Ion: 43 Resp: 1296948

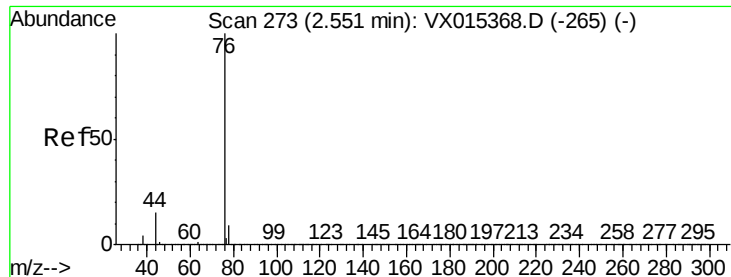
Ion	Ratio	Lower	Upper
43	100		
58	30.1	22.1	33.1



Abundance Ion 43.00 (42.70 to 43.70): VX015368.D (-244) (-)

Ion 58.00 (57.70 to 58.70): VX015368.D (-244) (-)





#17

Carbon Disulfide

Concen: 42.610 ug/l

RT: 2.55 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

Instrument :

MSVOA_X

ClientSampleId :

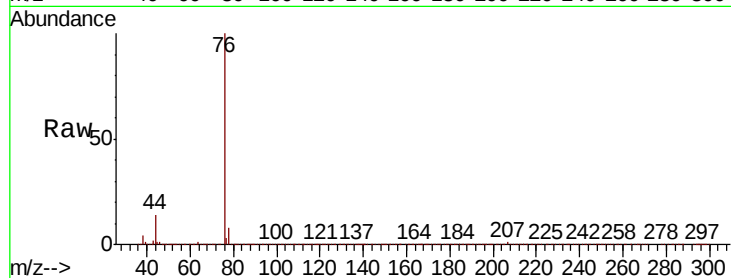
VSTDCCC050EC

Tot Ion: 76 Resp: 1081798

Ion Ratio Lower Upper

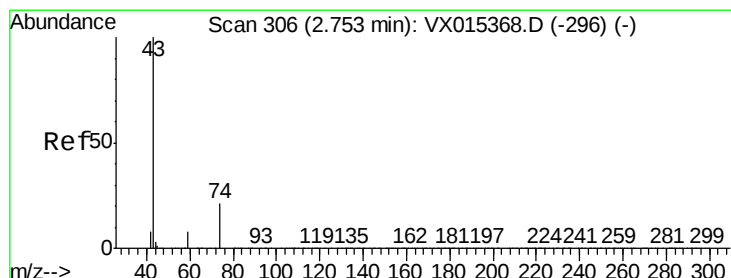
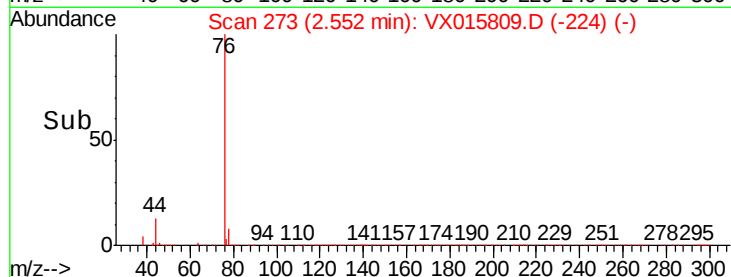
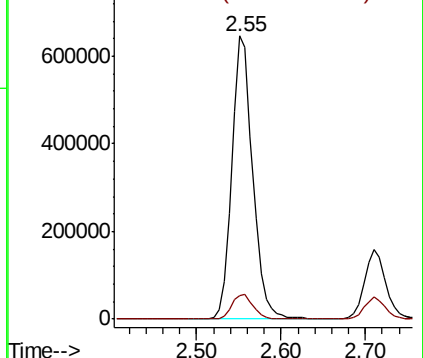
76 100

78 8.3 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 59.188 ug/l

RT: 2.75 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX015809.D

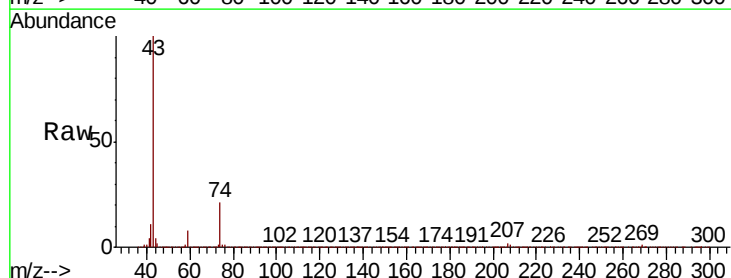
Acq: 21 Apr 2020 20:48

Tgt Ion: 43 Resp: 806898

Ion Ratio Lower Upper

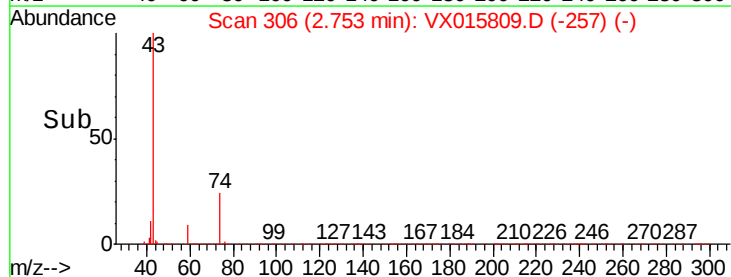
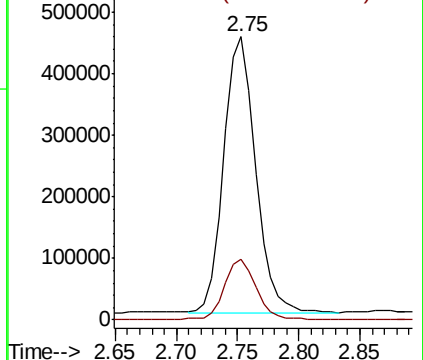
43 100

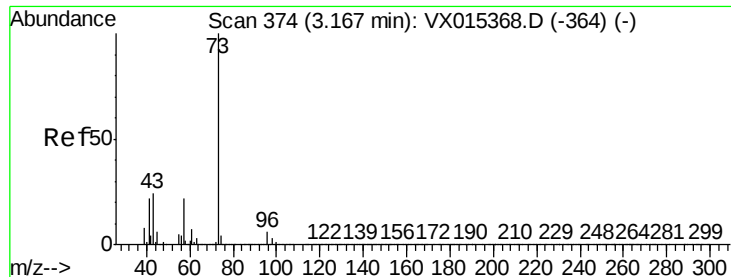
74 22.1 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



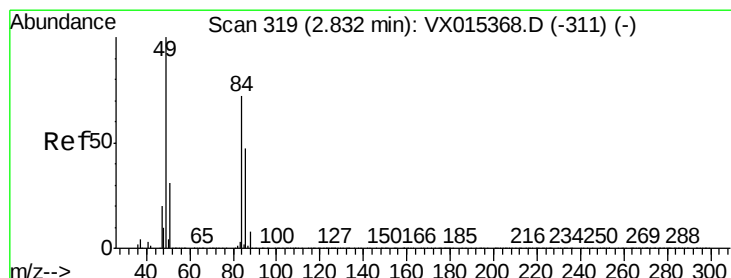
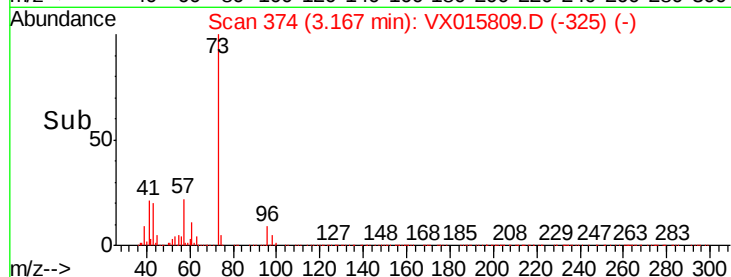
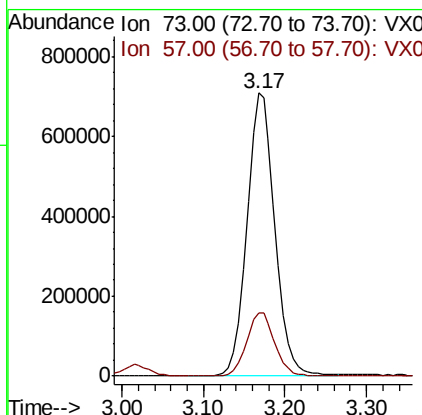
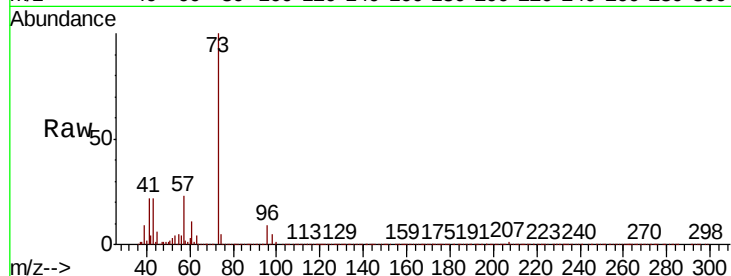


#19

Methyl tert-butyl Ether
 Concen: 51.642 ug/l
 RT: 3.17 min Scan# 374
 Delta R.T. 0.00 min
 Lab File: VX015809.D
 Acq: 21 Apr 2020 20:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

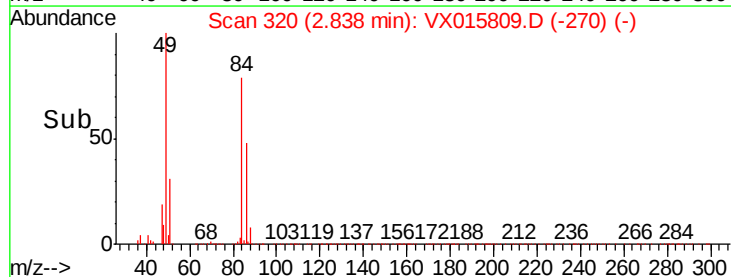
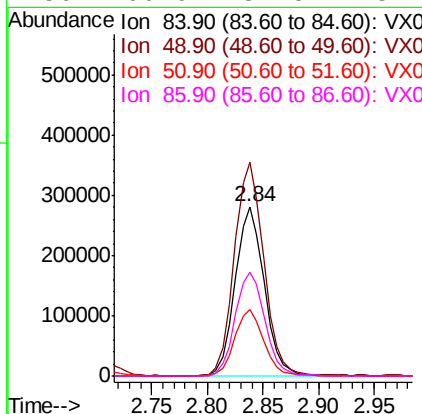
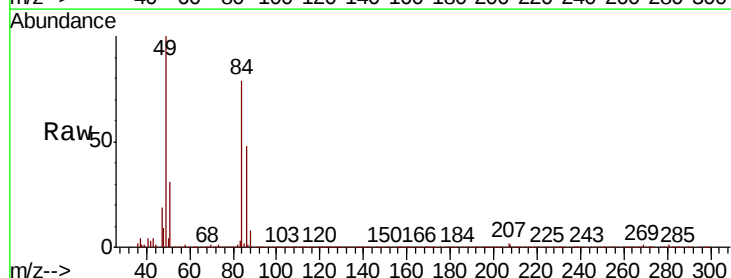
Tot Ion: 73 Resp: 1666885
 Ion Ratio Lower Upper
 73 100
 57 22.4 17.9 26.9

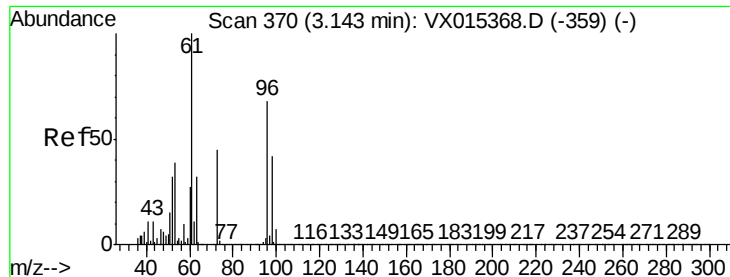


#20

Methylene Chloride
 Concen: 50.918 ug/l
 RT: 2.84 min Scan# 320
 Delta R.T. 0.01 min
 Lab File: VX015809.D
 Acq: 21 Apr 2020 20:48

Tgt Ion: 84 Resp: 508009
 Ion Ratio Lower Upper
 84 100
 49 125.9 111.3 166.9
 51 38.9 34.0 51.0
 86 60.9 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 50.375 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

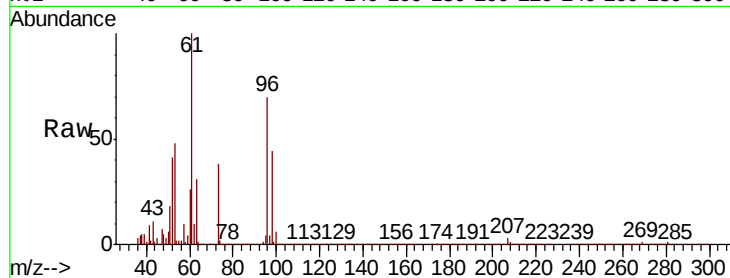
Tot Ion: 96 Resp: 465275

Ion Ratio Lower Upper

96 100

61 142.3 116.9 175.3

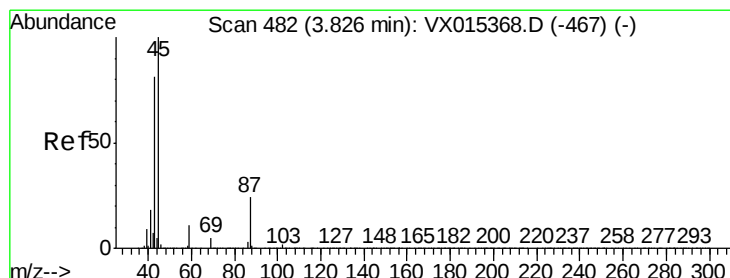
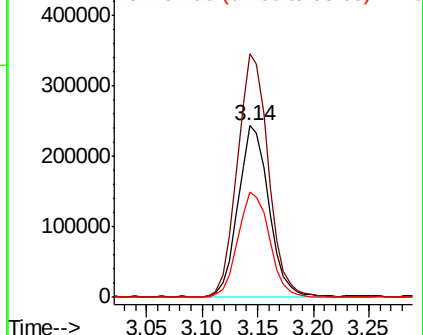
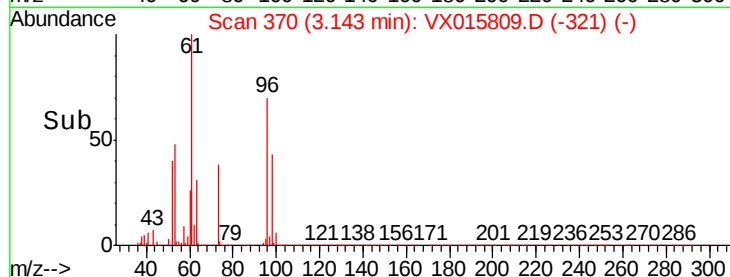
98 62.0 48.6 73.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 52.329 ug/l

RT: 3.83 min Scan# 483

Delta R.T. 0.01 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

Tgt Ion: 45 Resp: 1803179

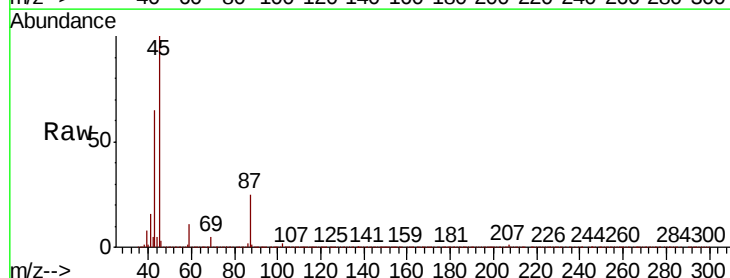
Ion Ratio Lower Upper

45 100

43 64.8 64.7 97.1

87 25.3 19.4 29.0

59 11.1 8.7 13.1

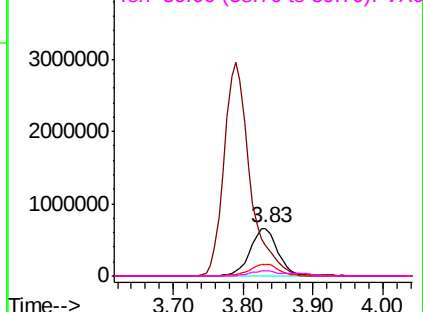
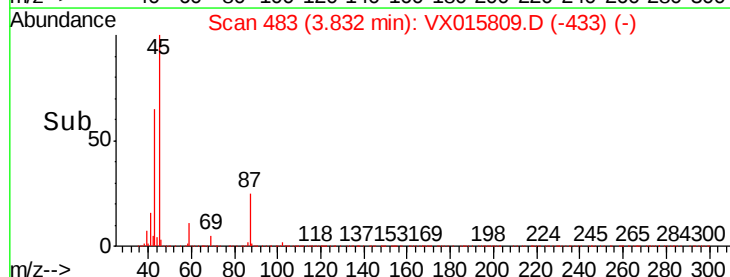


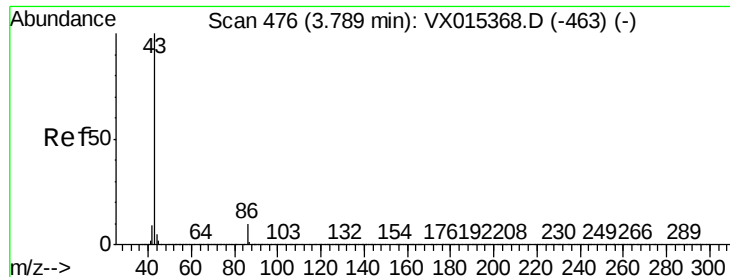
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 246.031 ug/l

RT: 3.79 min Scan# 476

Delta R.T. 0.00 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

Instrument :

MSVOA_X

ClientSampleId :

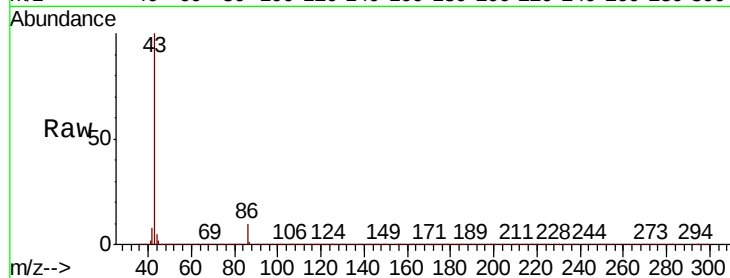
VSTDCCC050EC

Tot Ion: 43 Resp: 7675860

Ion Ratio Lower Upper

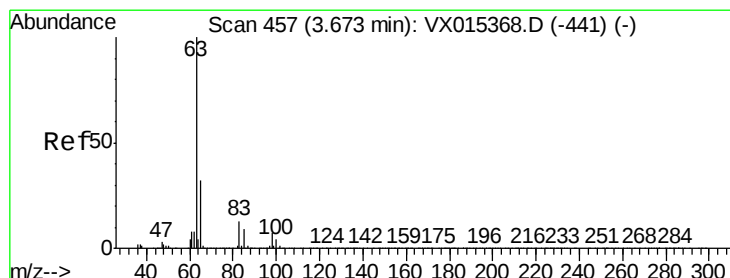
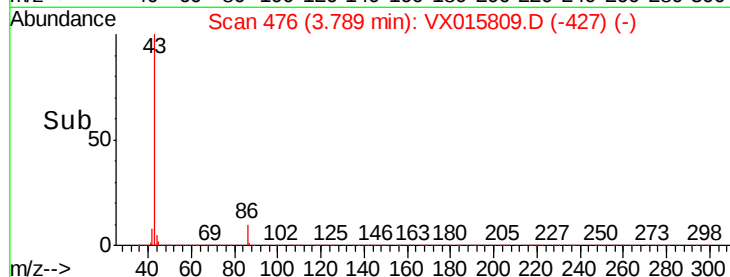
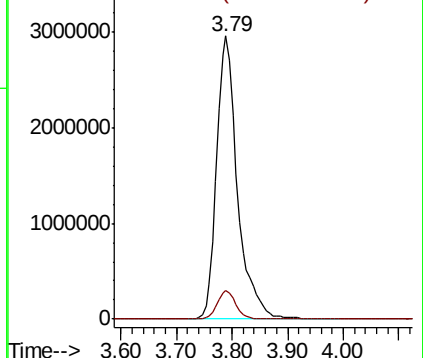
43 100

86 9.9 7.8 11.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.883 ug/l

RT: 3.67 min Scan# 457

Delta R.T. 0.00 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

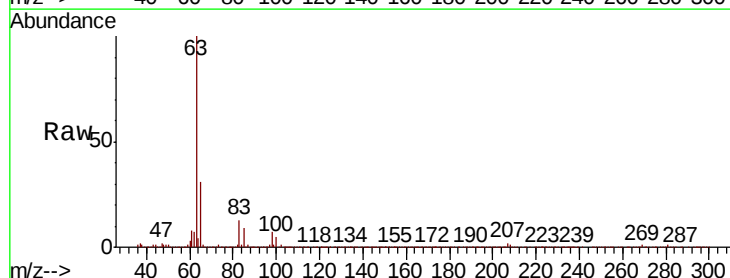
Tgt Ion: 63 Resp: 923162

Ion Ratio Lower Upper

63 100

98 6.4 3.3 9.8

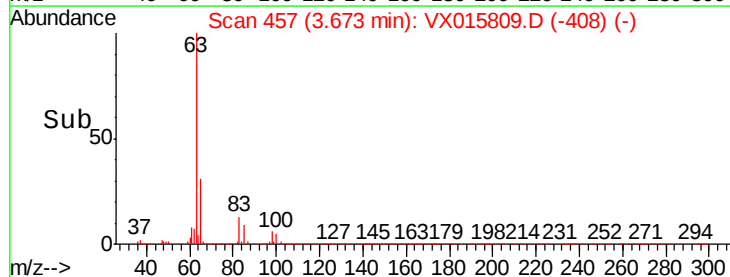
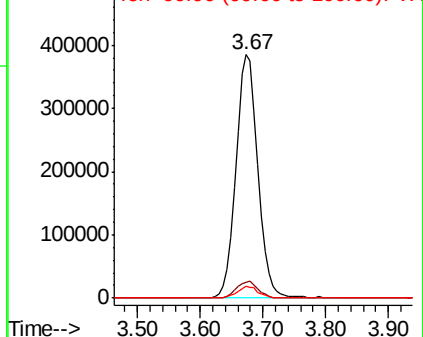
100 4.7 2.1 6.5

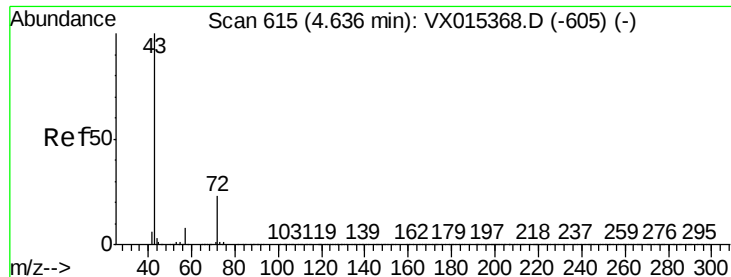


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

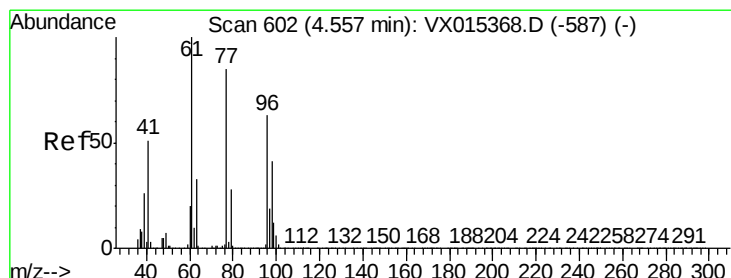
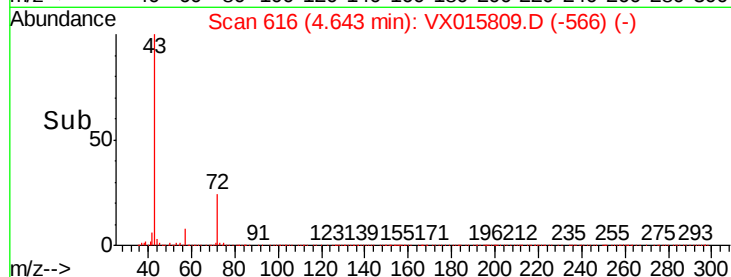
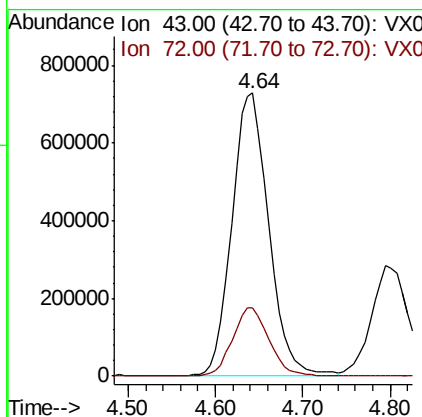
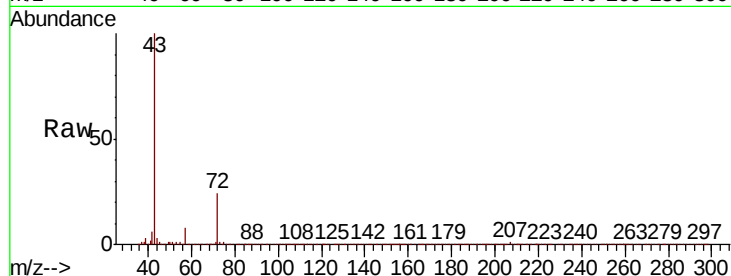




#25
2-Butanone
Concen: 245.352 ug/l
RT: 4.64 min Scan# 616
Delta R.T. 0.01 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

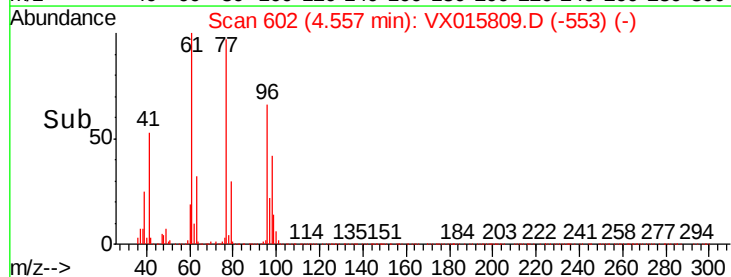
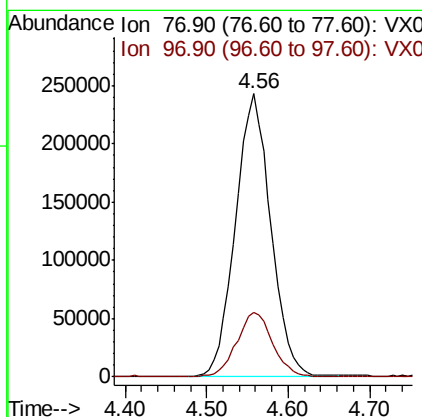
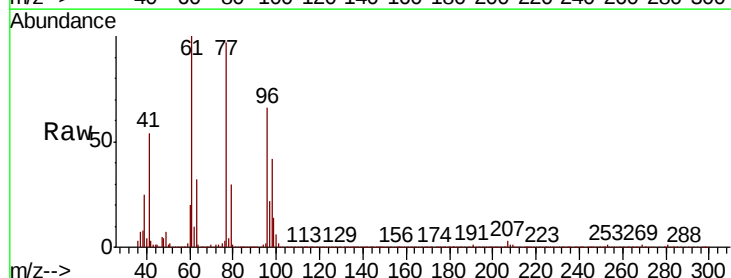
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

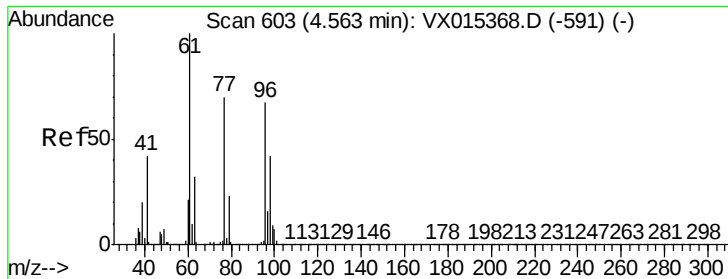
Tot Ion: 43 Resp: 2107608
Ion Ratio Lower Upper
43 100
72 23.8 19.0 28.4



#26
2,2-Dichloropropane
Concen: 48.844 ug/l
RT: 4.56 min Scan# 602
Delta R.T. 0.00 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Tgt Ion: 77 Resp: 727377
Ion Ratio Lower Upper
77 100
97 23.3 11.3 33.8



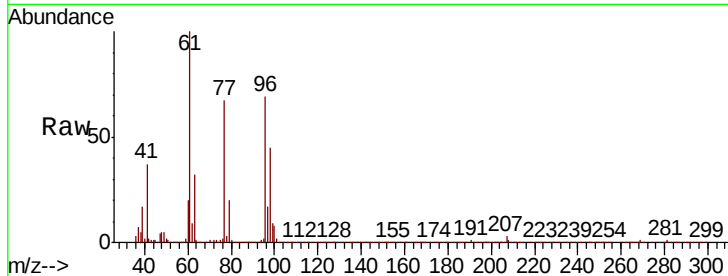


#27

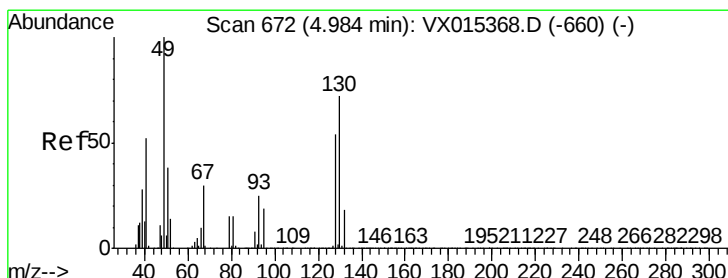
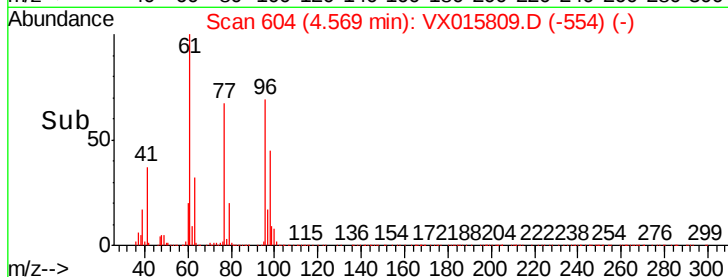
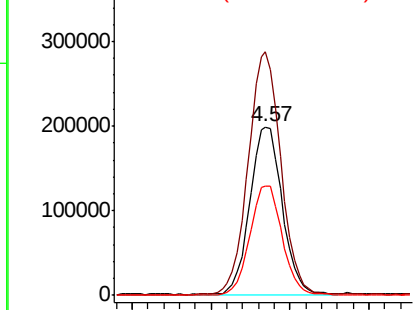
cis-1,2-Dichloroethene
Concen: 53.196 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.9	0.0	308.4
98	65.1	0.0	129.2



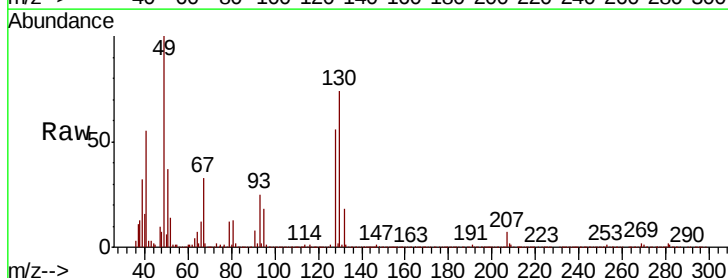
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



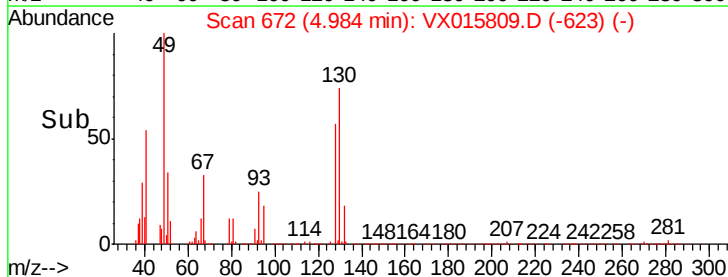
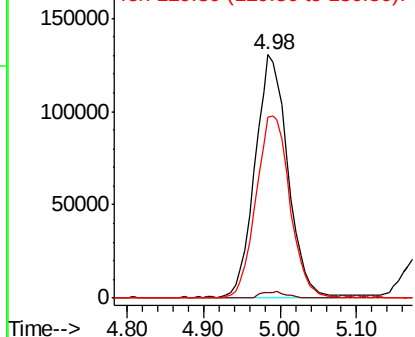
#28

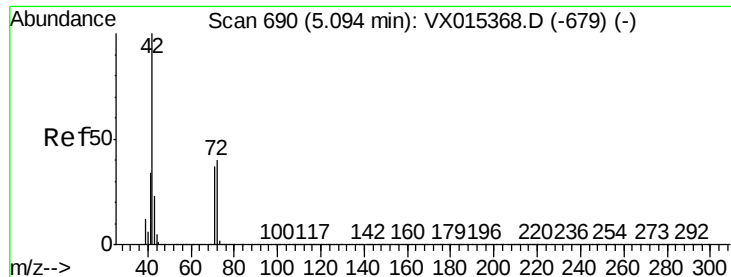
Bromochloromethane
Concen: 45.138 ug/l
RT: 4.98 min Scan# 672
Delta R.T. 0.00 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.4
130	77.0	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: 244.428 ug/l

RT: 5.09 min Scan# 690

Delta R.T. 0.00 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

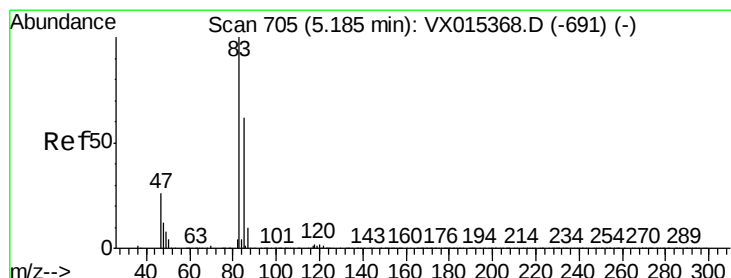
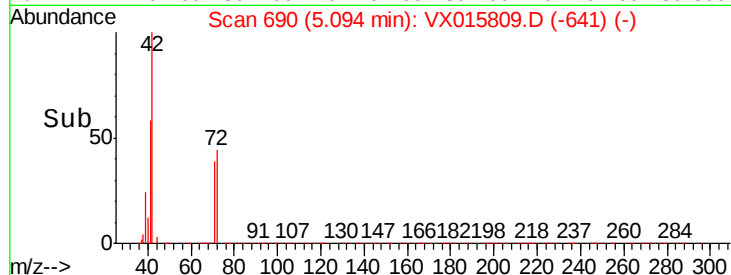
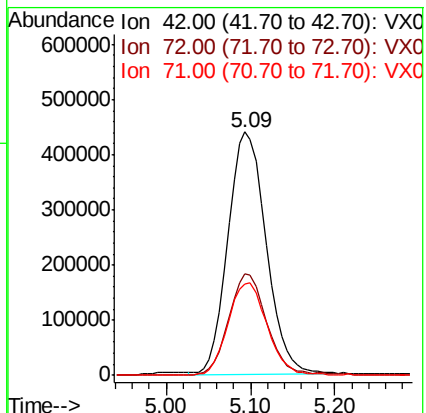
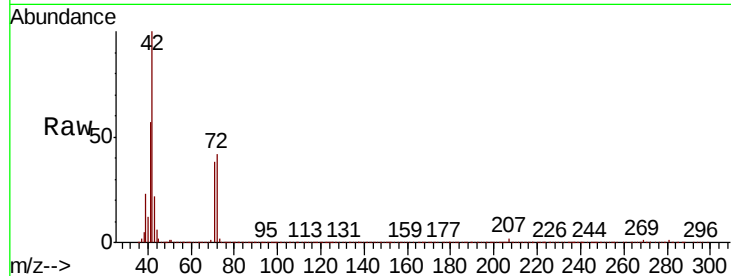
Tot Ion: 42 Resp: 1349819

Ion Ratio Lower Upper

42 100

72 42.7 31.7 47.5

71 39.0 29.6 44.4



#30

Chloroform

Concen: 52.437 ug/l

RT: 5.18 min Scan# 704

Delta R.T. -0.01 min

Lab File: VX015809.D

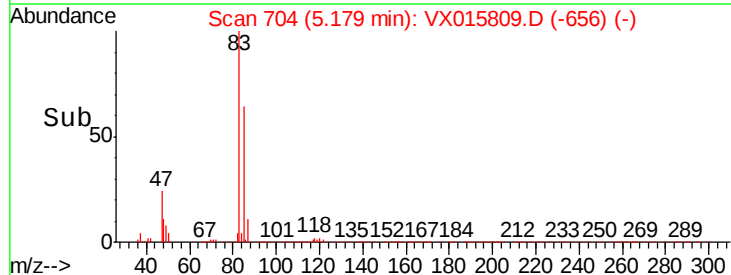
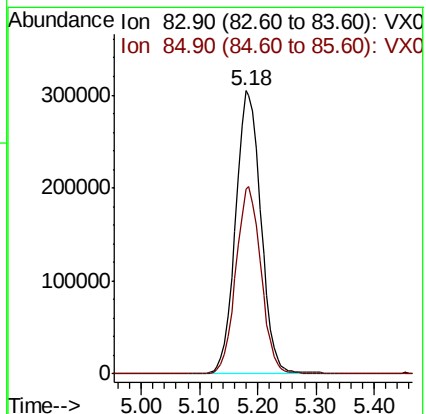
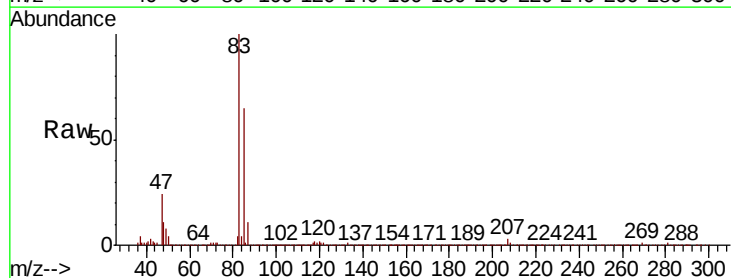
Acq: 21 Apr 2020 20:48

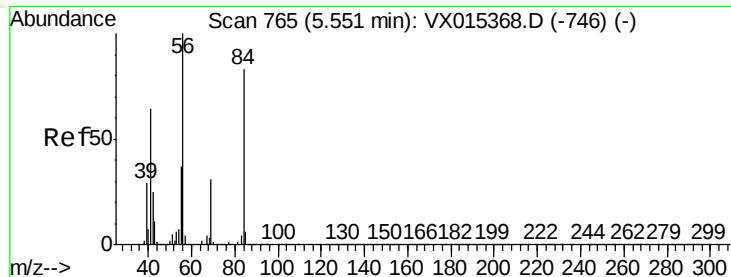
Tgt Ion: 83 Resp: 915288

Ion Ratio Lower Upper

83 100

85 65.3 49.5 74.3





#31

Cyclohexane

Concen: 49.862 ug/l

RT: 5.56 min Scan# 766

Delta R.T. 0.01 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

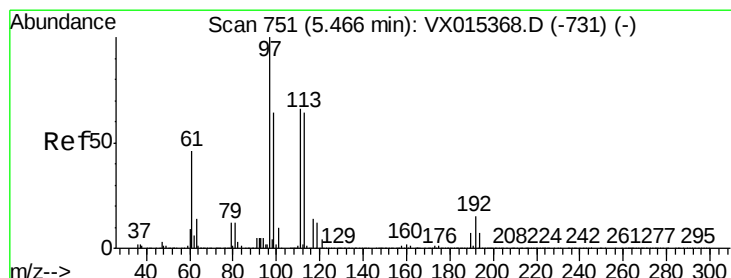
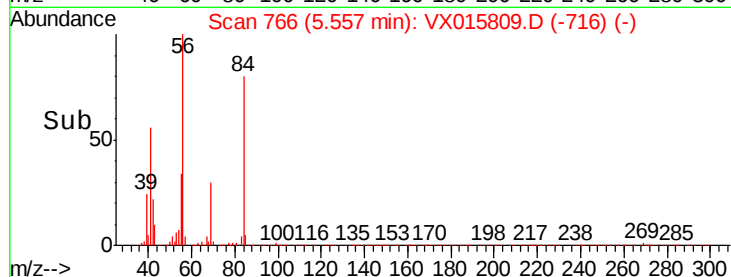
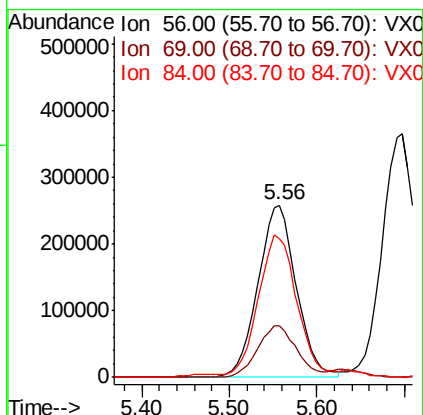
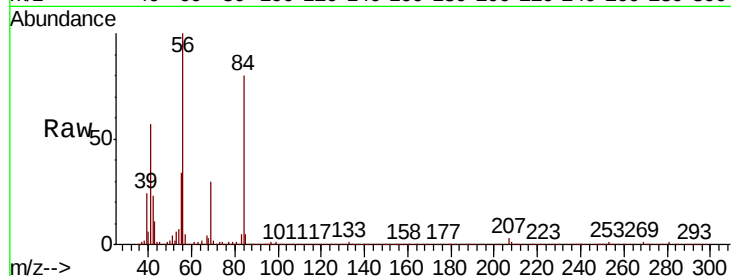
Tot Ion: 56 Resp: 784772

Ion Ratio Lower Upper

56 100

69 29.5 24.6 36.8

84 79.1 66.1 99.1



#32

1,1,1-Trichloroethane

Concen: 50.870 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.01 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

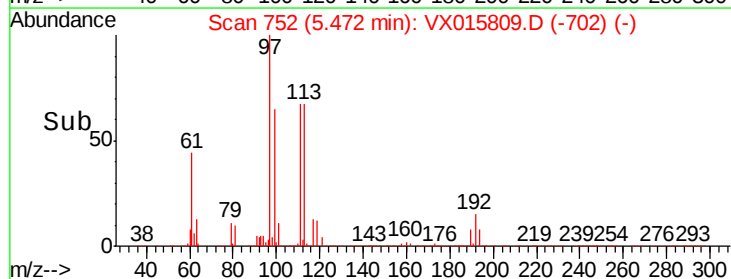
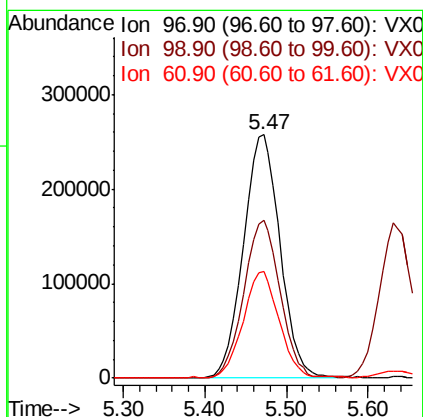
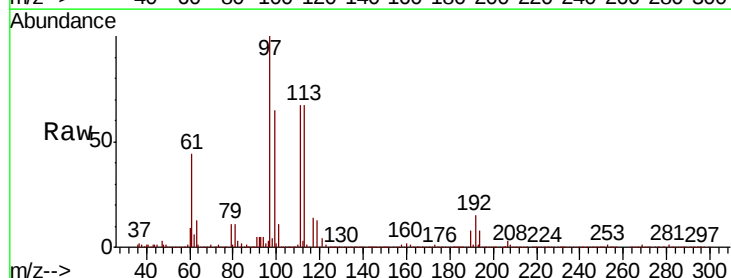
Tgt Ion: 97 Resp: 803582

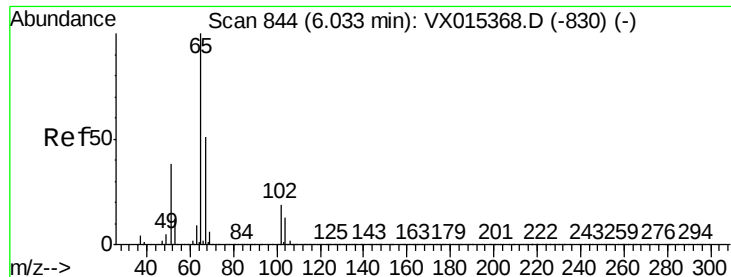
Ion Ratio Lower Upper

97 100

99 64.3 51.0 76.4

61 43.0 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 47.641 ug/l

RT: 6.04 min Scan# 845

Delta R.T. 0.01 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

Instrument :

MSVOA_X

ClientSampleId :

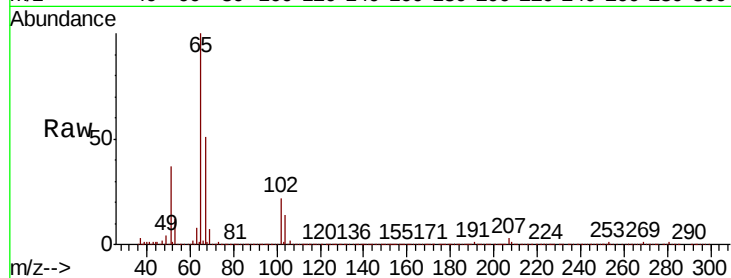
VSTDCCC050EC

Tot Ion: 65 Resp: 592307

Ion Ratio Lower Upper

65 100

67 53.1 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

250000

200000

150000

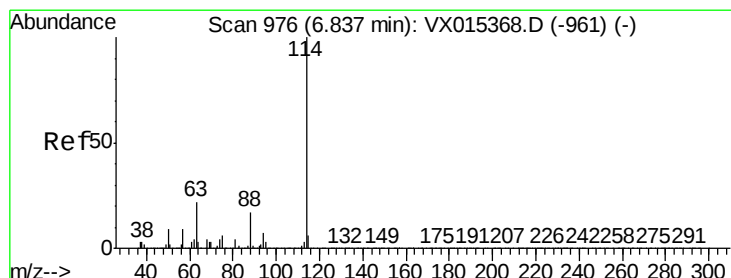
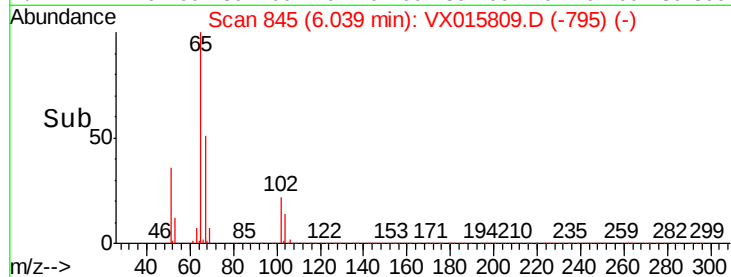
100000

50000

0

Time-->

5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

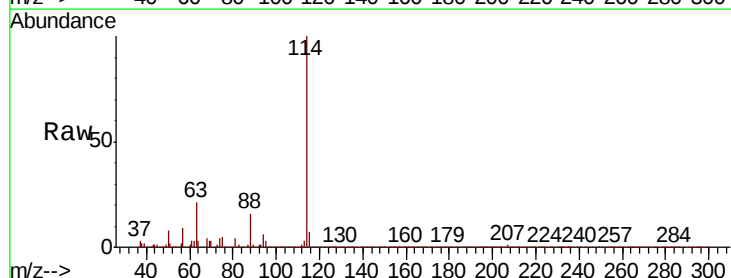
Tgt Ion: 114 Resp: 1376626

Ion Ratio Lower Upper

114 100

63 21.2 0.0 44.2

88 16.1 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

800000

600000

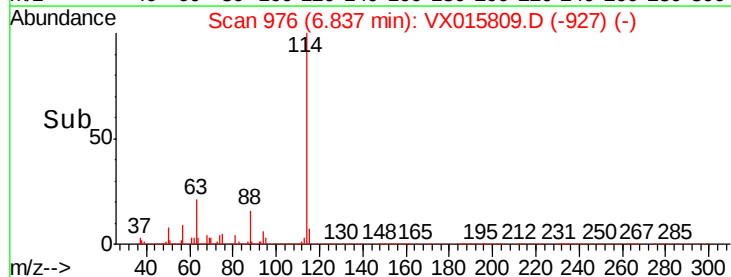
400000

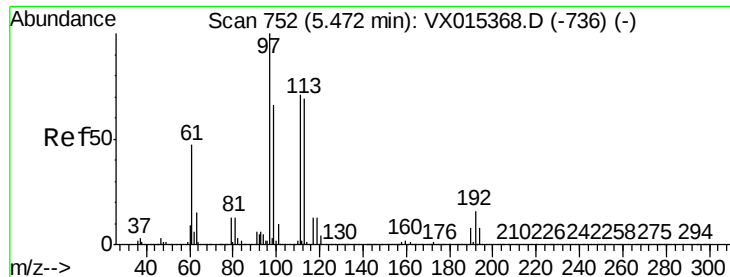
200000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 53.763 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

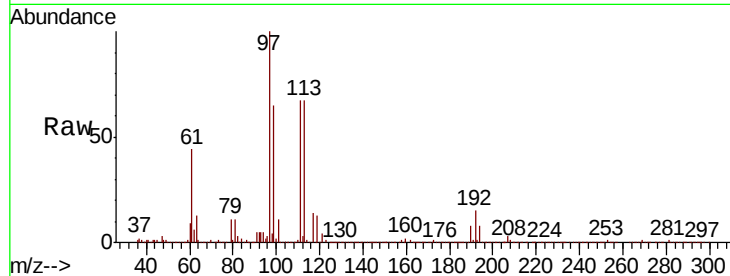
Tot Ion:113 Resp: 473105

Ion Ratio Lower Upper

113 100

111 102.6 81.5 122.3

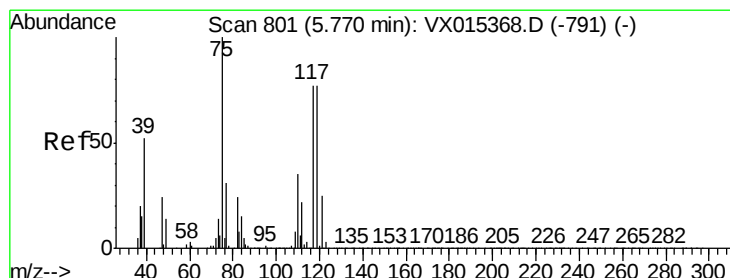
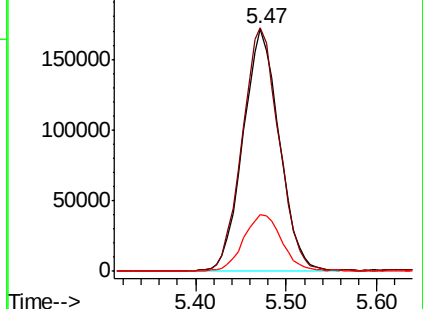
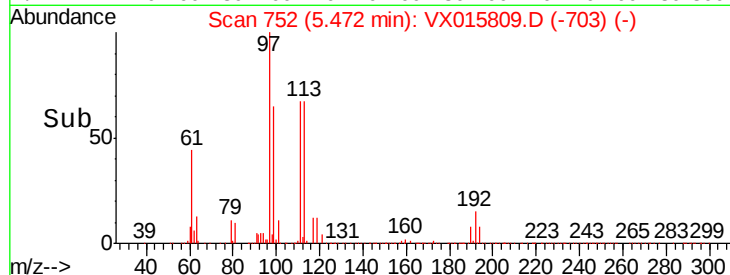
192 24.7 17.8 26.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 52.035 ug/l

RT: 5.78 min Scan# 802

Delta R.T. 0.01 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

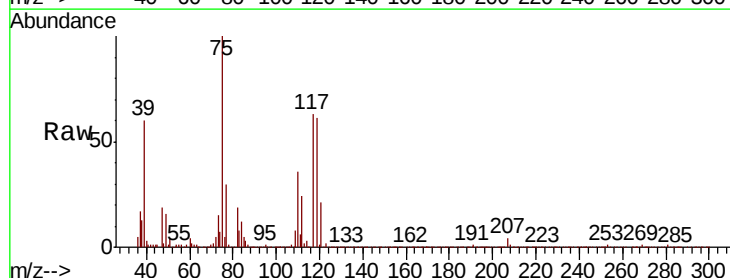
Tgt Ion: 75 Resp: 660018

Ion Ratio Lower Upper

75 100

110 35.3 17.1 51.3

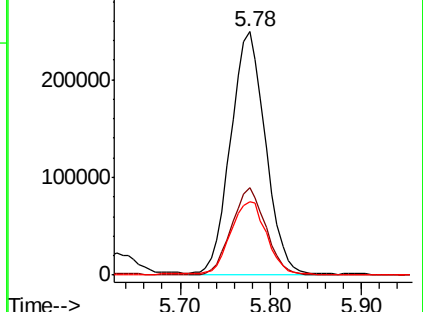
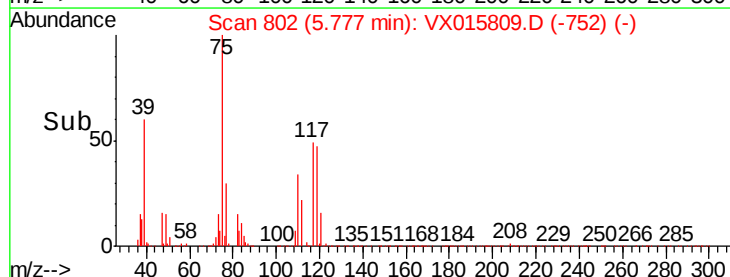
77 31.0 24.6 36.8

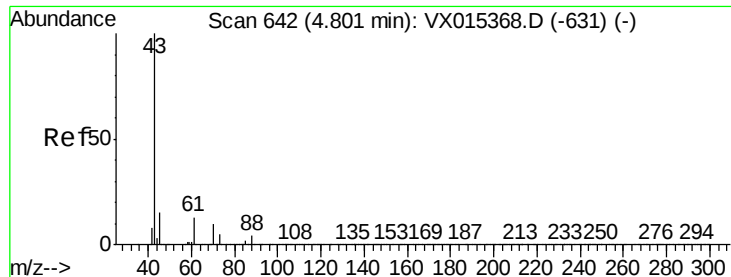


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

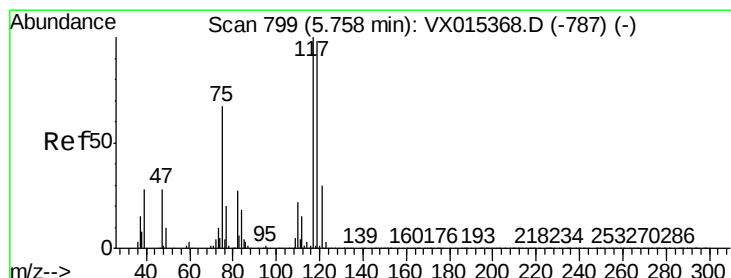
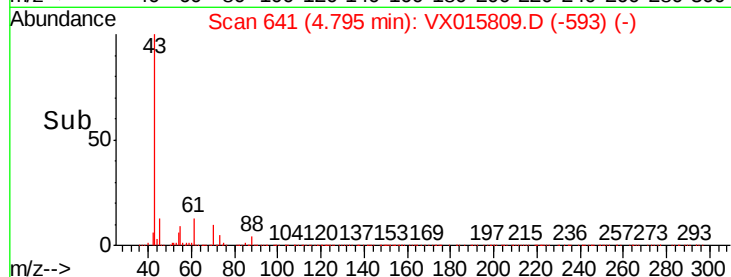
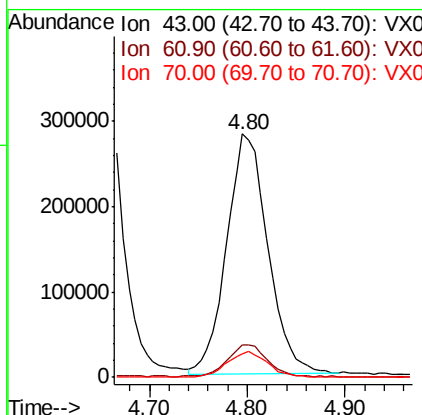
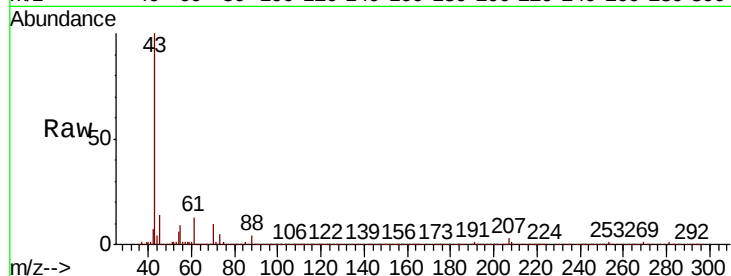




#37
Ethyl Acetate
Concen: 49.454 ug/l
RT: 4.80 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

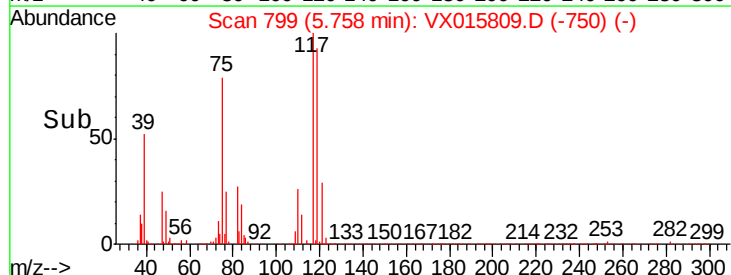
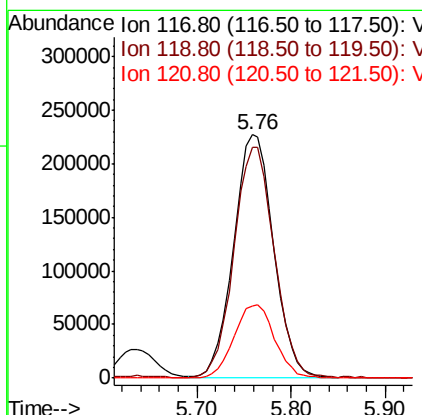
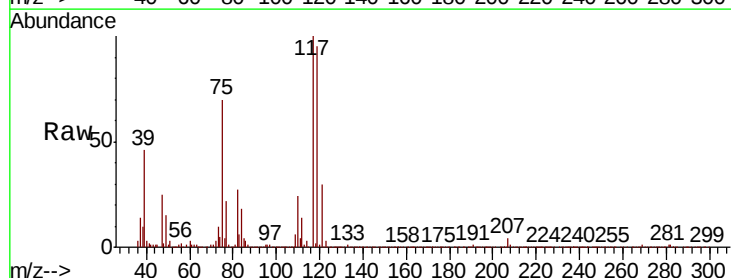
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

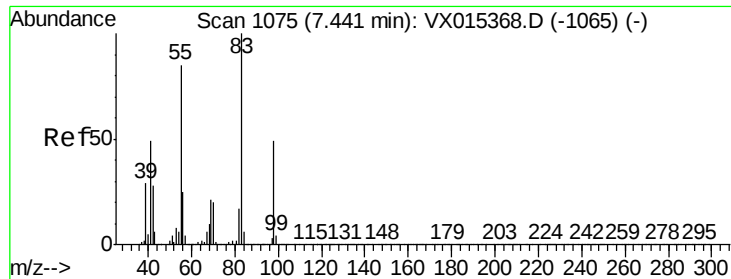
Tot Ion:	43	Resp:	816766
Ion	Ratio	Lower	Upper
43	100		
61	12.8	9.9	14.9
70	10.6	8.1	12.1



#38
Carbon Tetrachloride
Concen: 48.732 ug/l
RT: 5.76 min Scan# 799
Delta R.T. 0.00 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Tgt Ion:	117	Resp:	669492
Ion	Ratio	Lower	Upper
117	100		
119	94.8	78.0	117.0
121	29.5	23.8	35.8

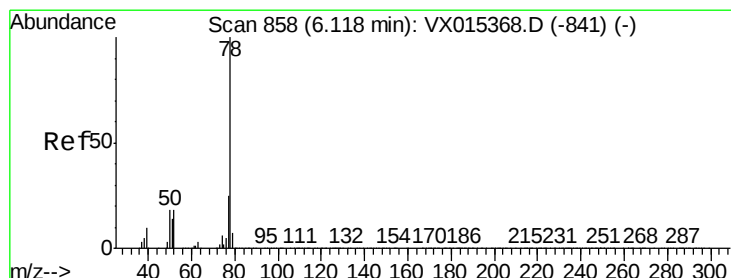
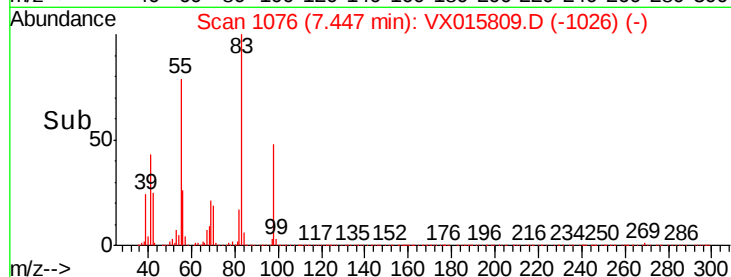
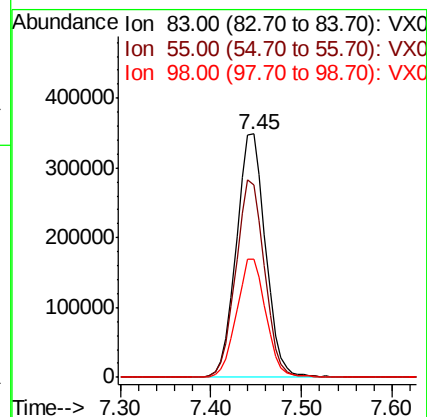
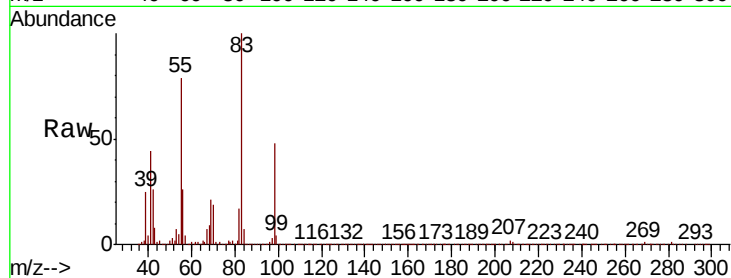




#39
Methvlcvclohexane
Concen: 53.123 ug/l
RT: 7.45 min Scan# 1076
Delta R.T. 0.01 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

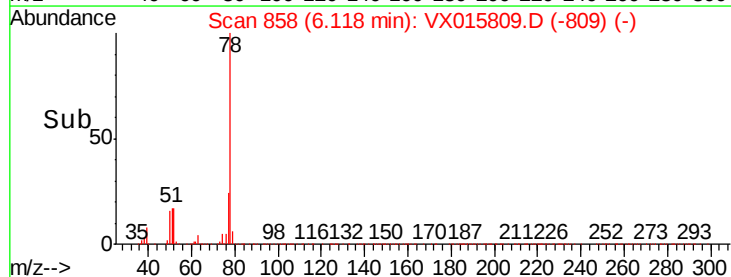
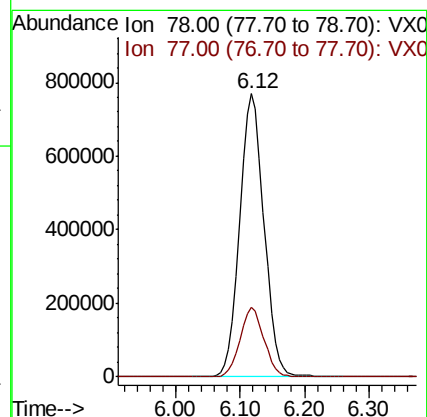
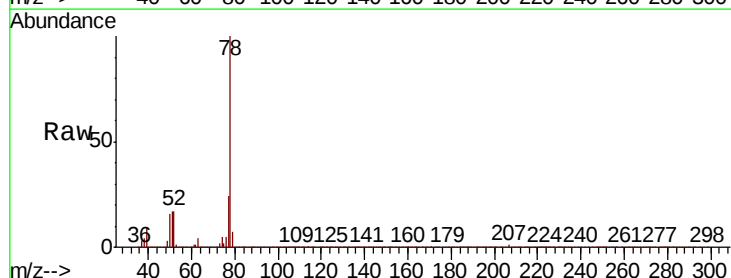
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

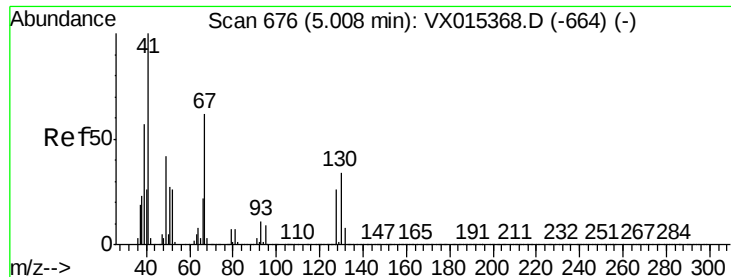
Tot Ion: 83 Resp: 776908
Ion Ratio Lower Upper
83 100
55 78.8 67.8 101.6
98 48.2 39.3 58.9



#40
Benzene
Concen: 54.136 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Tgt Ion: 78 Resp: 2011440
Ion Ratio Lower Upper
78 100
77 24.4 19.8 29.8

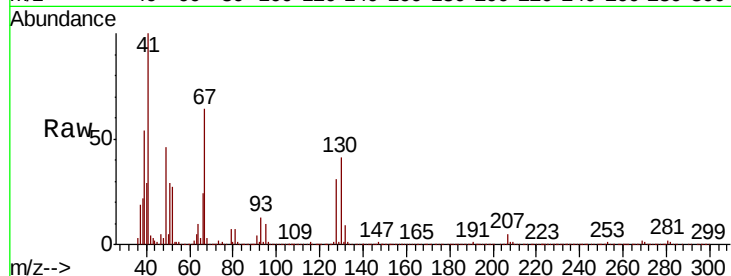




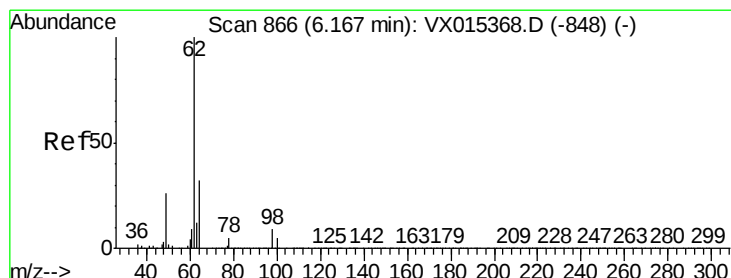
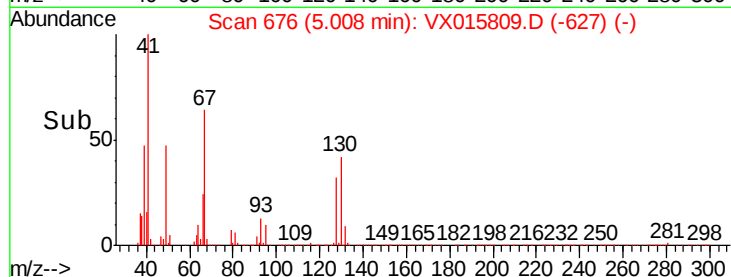
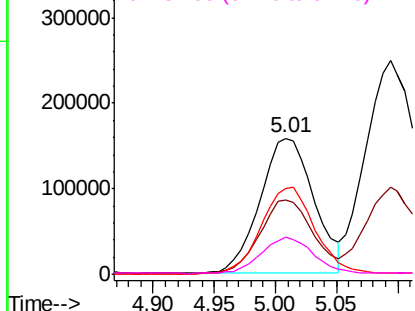
#41
Methacrylonitrile
Concen: 53.164 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	487411
Ion	Ratio	Lower	Upper
41	100		
39	53.5	44.5	66.7
67	63.7	48.9	73.3
52	26.0	21.8	32.6

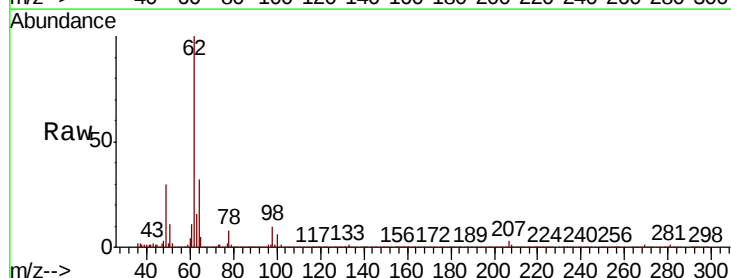


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

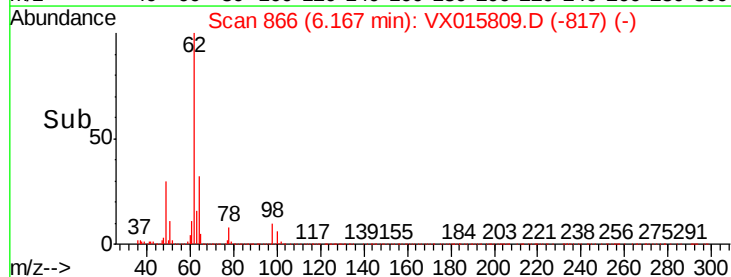
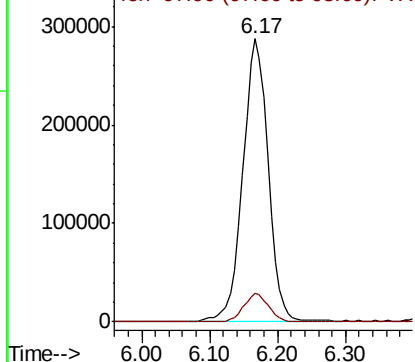


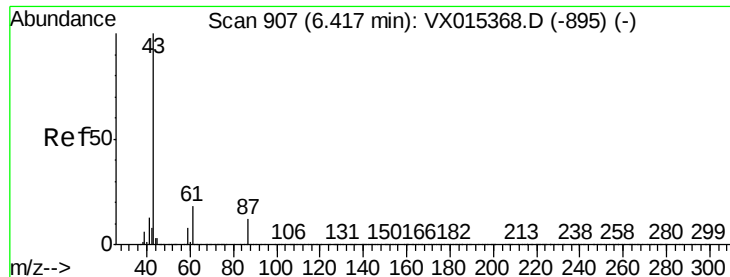
#42
1,2-Dichloroethane
Concen: 49.719 ug/l
RT: 6.17 min Scan# 866
Delta R.T. 0.00 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Tgt Ion:	62	Resp:	742029
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	17.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 51.385 ug/l

RT: 6.42 min Scan# 907

Delta R.T. 0.00 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

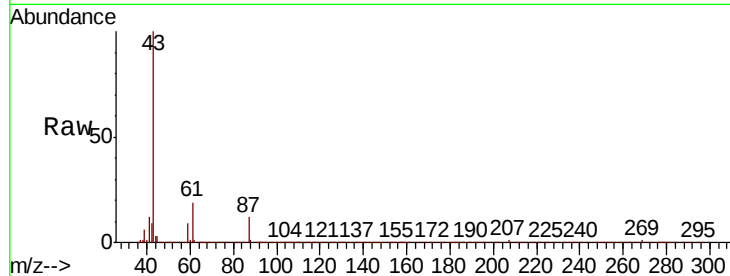
Tot Ion: 43 Resp: 1432622

Ion Ratio Lower Upper

43 100

61 19.6 14.8 22.2

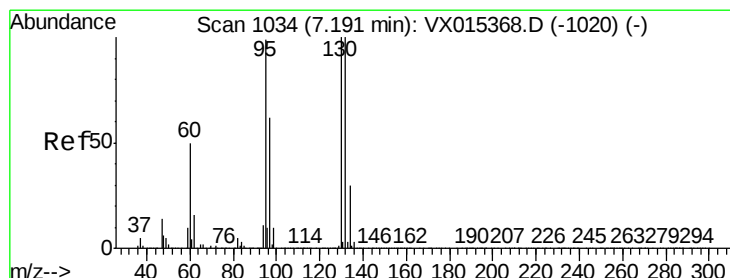
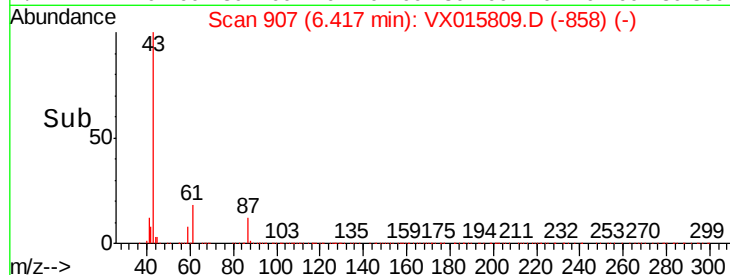
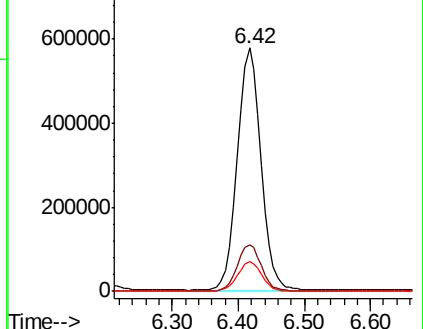
87 12.3 9.4 14.0



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: 67.265 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX015809.D

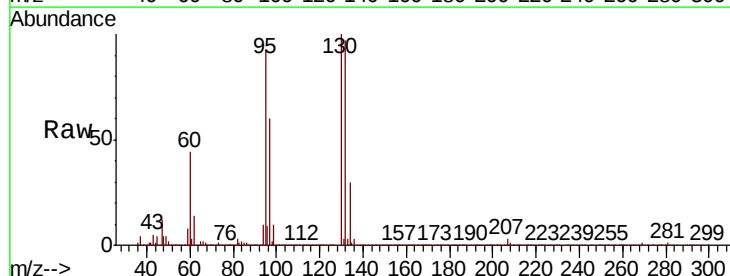
Acq: 21 Apr 2020 20:48

Tgt Ion:130 Resp: 681606

Ion Ratio Lower Upper

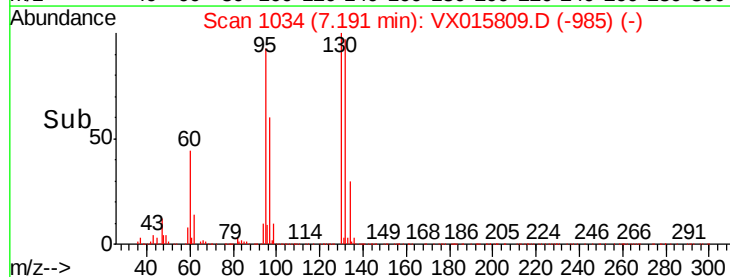
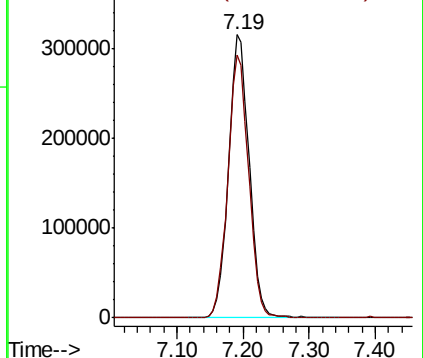
130 100

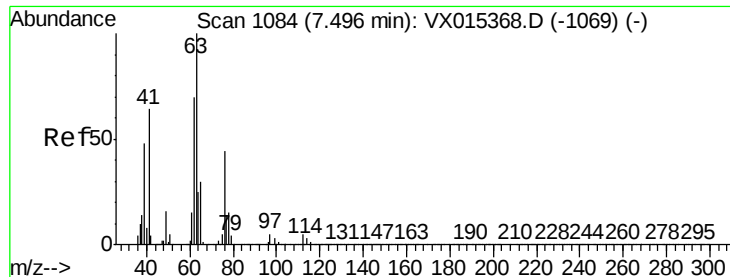
95 92.7 0.0 199.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

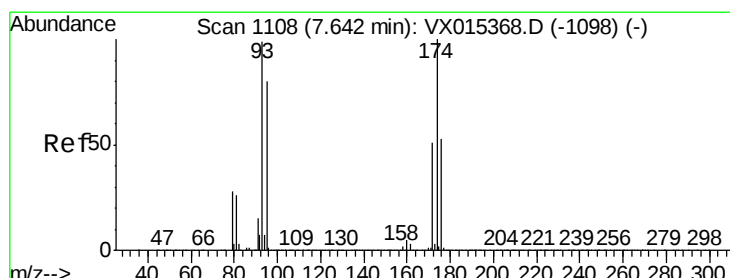
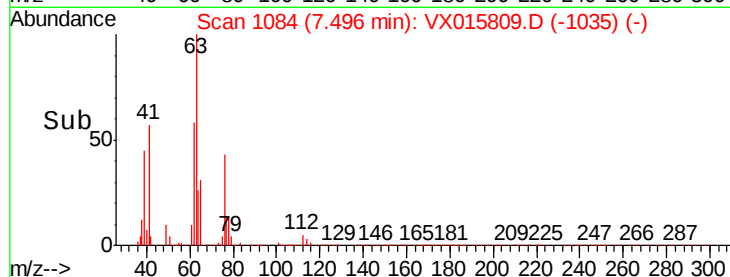
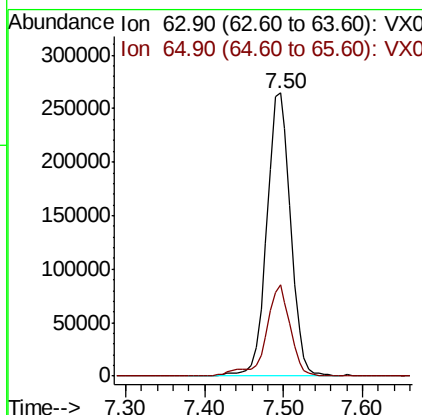
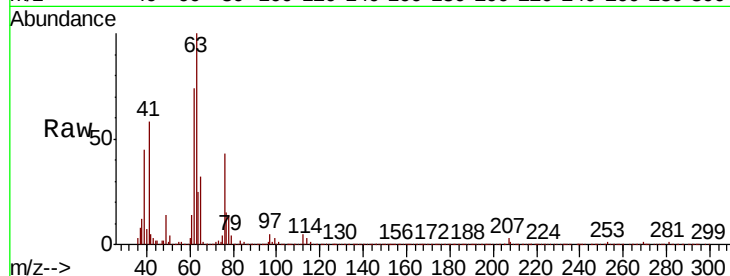




#45
 1,2-Dichloropropane
 Concen: 54.600 ug/l
 RT: 7.50 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: VX015809.D
 Acq: 21 Apr 2020 20:48

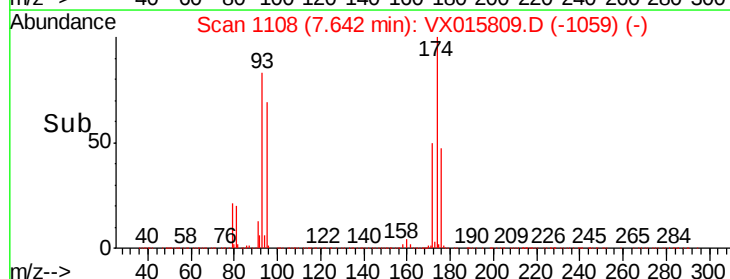
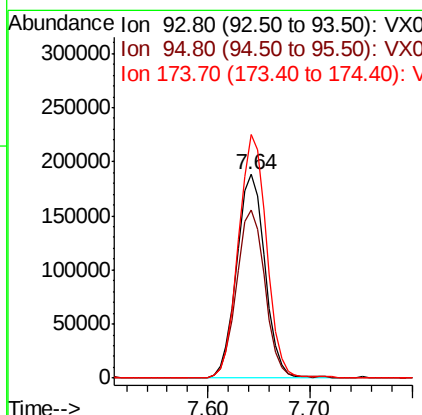
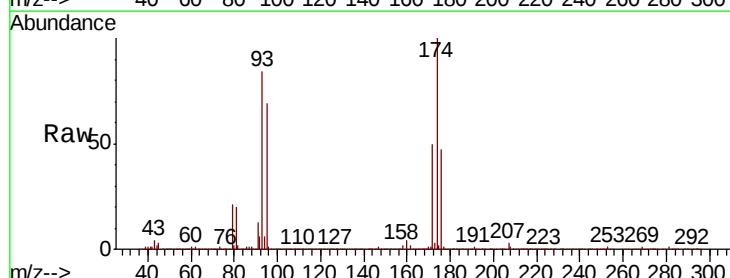
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

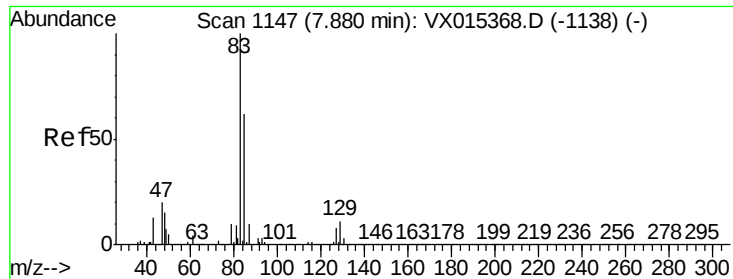
Tot Ion: 63 Resp: 554961
 Ion Ratio Lower Upper
 63 100
 65 31.9 23.9 35.9



#46
 Dibromomethane
 Concen: 54.422 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VX015809.D
 Acq: 21 Apr 2020 20:48

Tgt Ion: 93 Resp: 362857
 Ion Ratio Lower Upper
 93 100
 95 82.6 65.8 98.8
 174 118.9 86.2 129.2

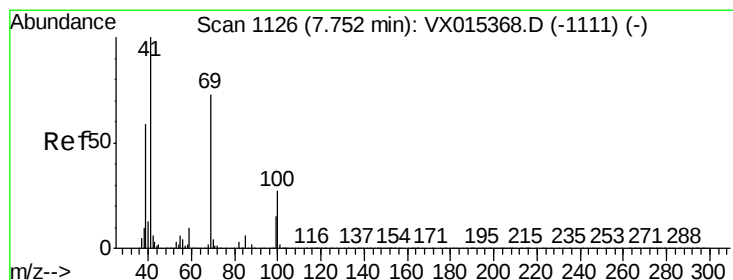
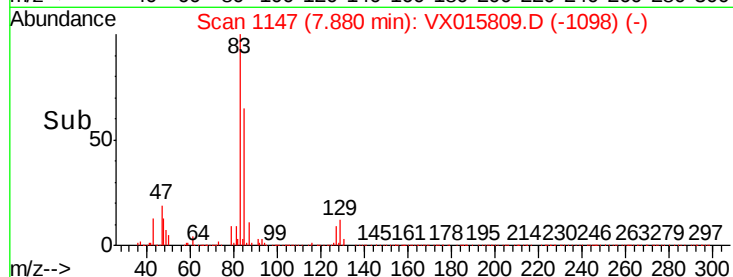
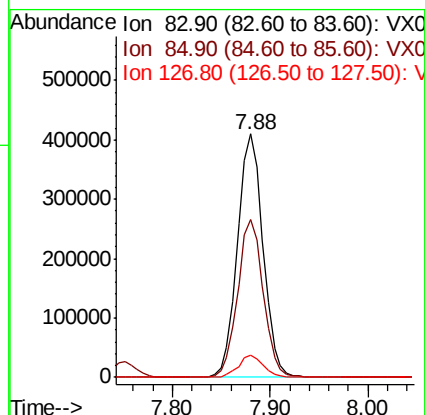
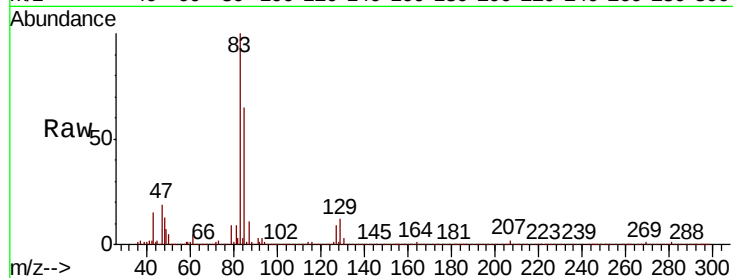




#47
Bromodichloromethane
Concen: 52.196 ug/l
RT: 7.88 min Scan# 1147
Delta R.T. 0.00 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

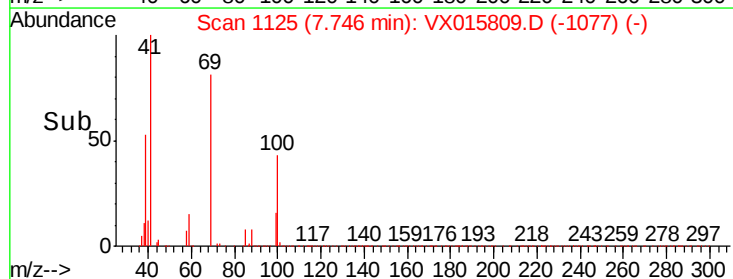
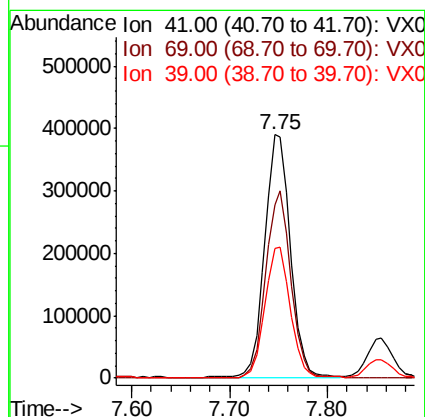
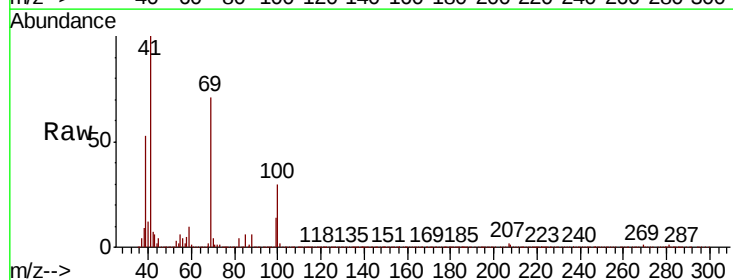
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

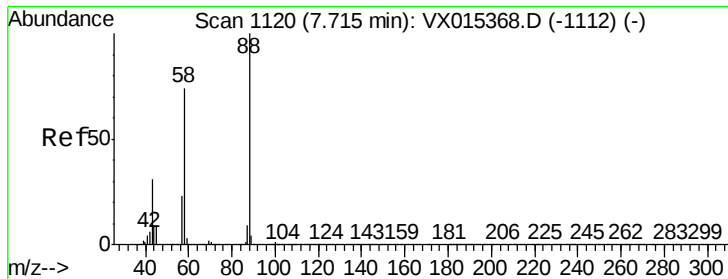
Tot Ion: 83 Resp: 741549
Ion Ratio Lower Upper
83 100
85 64.7 49.7 74.5
127 9.1 6.7 10.1



#48
Methyl methacrylate
Concen: 51.165 ug/l
RT: 7.75 min Scan# 1125
Delta R.T. -0.01 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Tgt Ion: 41 Resp: 712506
Ion Ratio Lower Upper
41 100
69 75.5 56.7 85.1
39 53.7 46.5 69.7

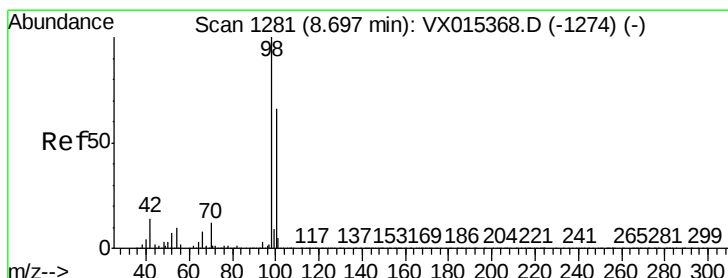
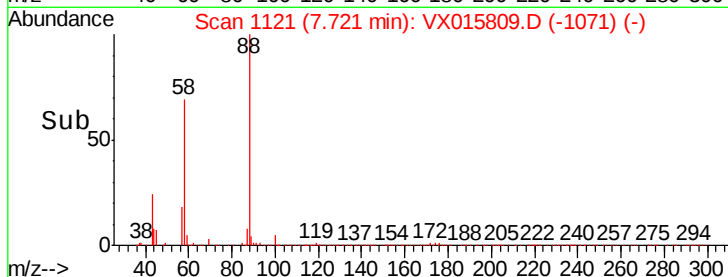
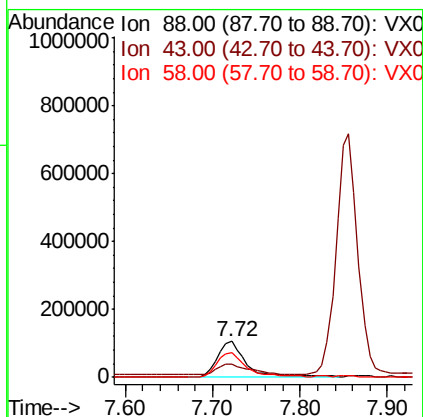
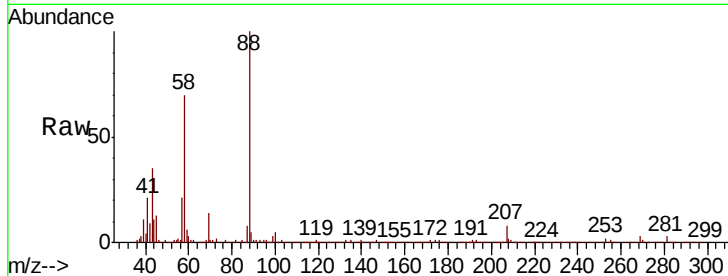




#49
1,4-Dioxane
Concen: 915.543 ug/l
RT: 7.72 min Scan# 1121
Delta R.T. 0.01 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

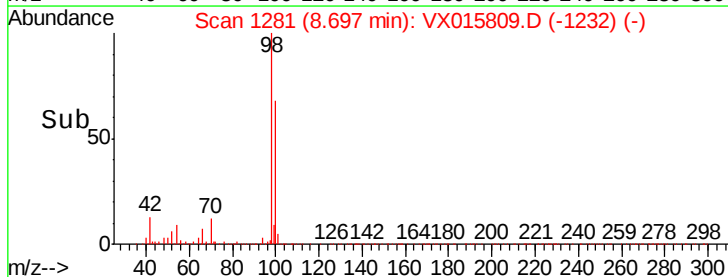
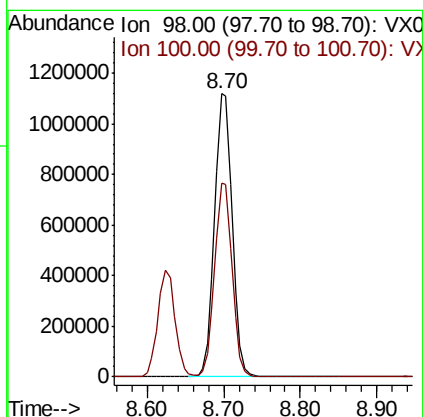
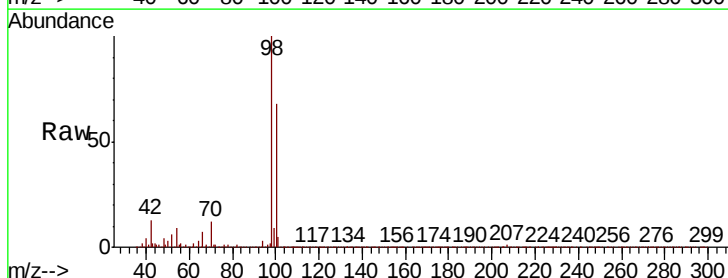
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

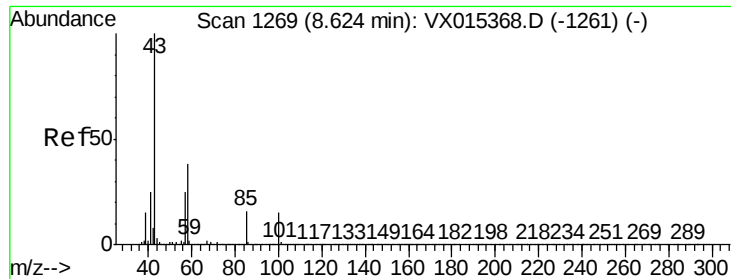
Tot Ion: 88 Resp: 237844
Ion Ratio Lower Upper
88 100
43 34.5 30.1 45.1
58 71.2 60.6 90.8



#50
Toluene-d8
Concen: 55.303 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Tgt Ion: 98 Resp: 1791735
Ion Ratio Lower Upper
98 100
100 67.7 53.5 80.3





#51

4-Methyl-2-Pentanone

Concen: 269.704 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

Instrument :

MSVOA_X

ClientSampleId :

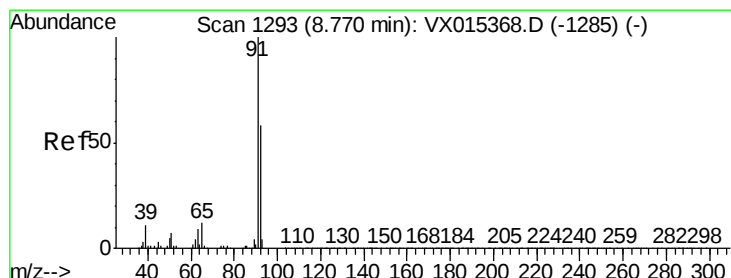
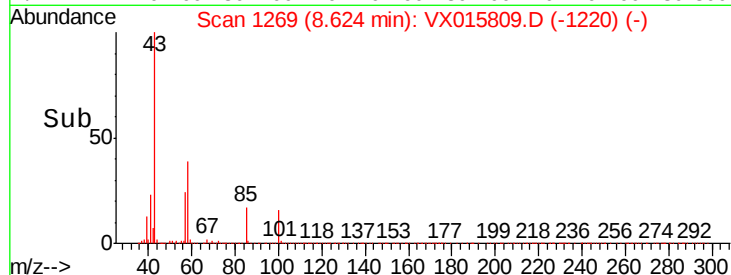
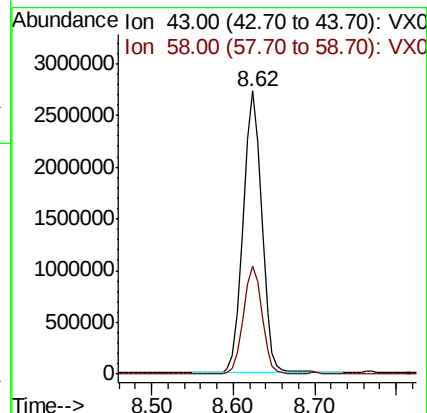
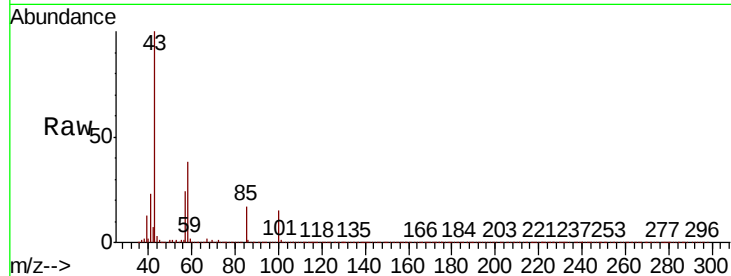
VSTDCCC050EC

Tot Ion: 43 Resp: 4261370

Ion Ratio Lower Upper

43 100

58 38.2 29.7 44.5



#52

Toluene

Concen: 56.926 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX015809.D

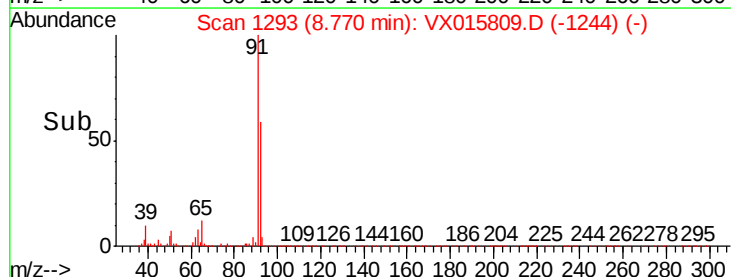
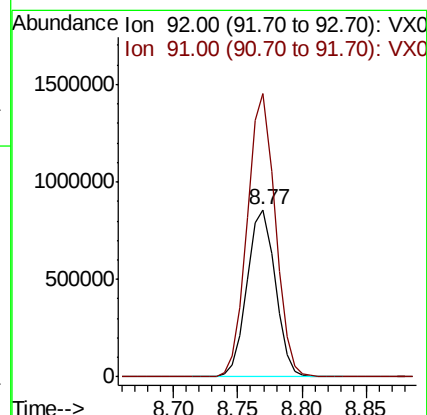
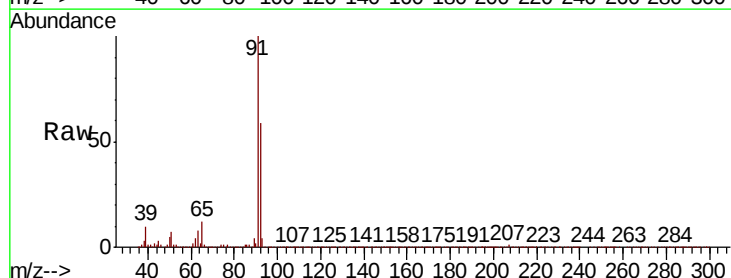
Acq: 21 Apr 2020 20:48

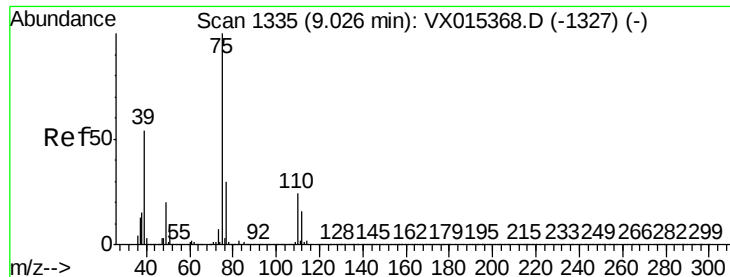
Tgt Ion: 92 Resp: 1304000

Ion Ratio Lower Upper

92 100

91 167.2 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 53.194 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

Instrument :

MSVOA_X

ClientSampleId :

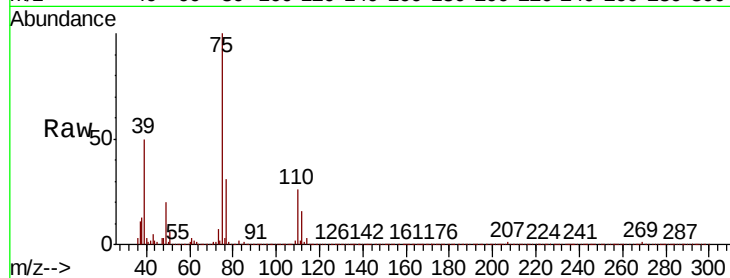
VSTDCCC050EC

Tot Ion: 75 Resp: 886334

Ion Ratio Lower Upper

75 100

77 30.7 24.1 36.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.03

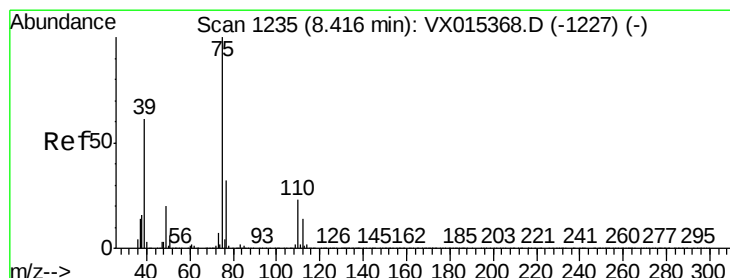
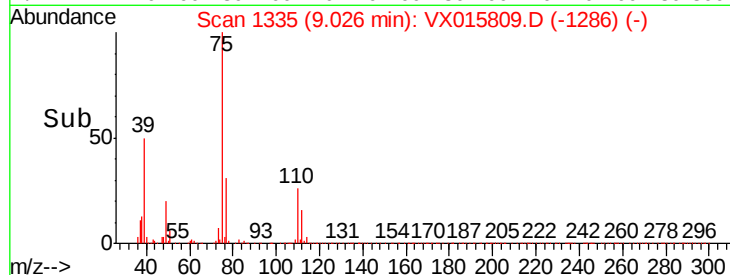
600000

400000

200000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 54.500 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

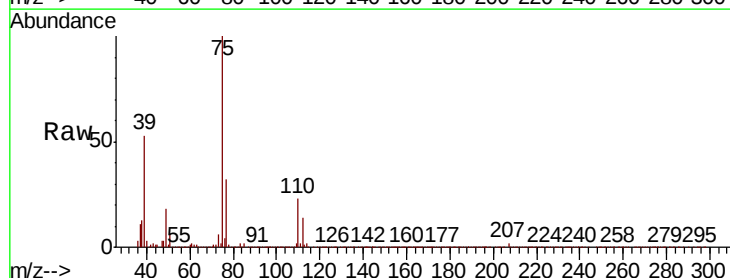
Tgt Ion: 75 Resp: 925042

Ion Ratio Lower Upper

75 100

77 31.8 25.8 38.6

39 52.8 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

800000

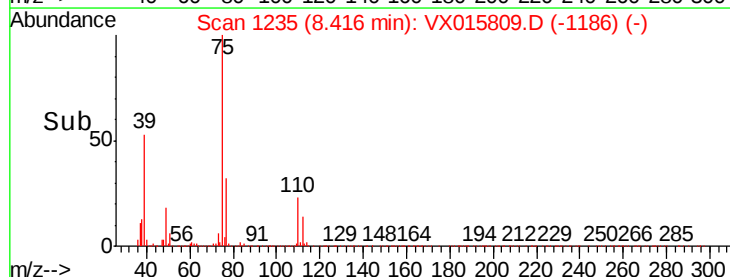
600000

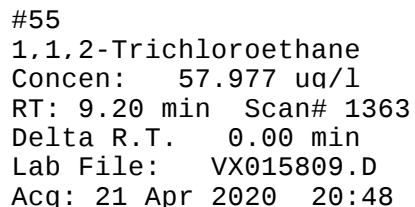
400000

200000

0

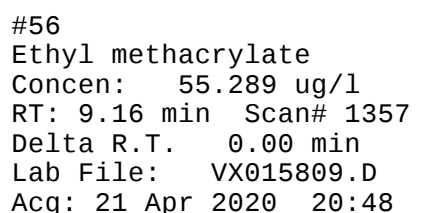
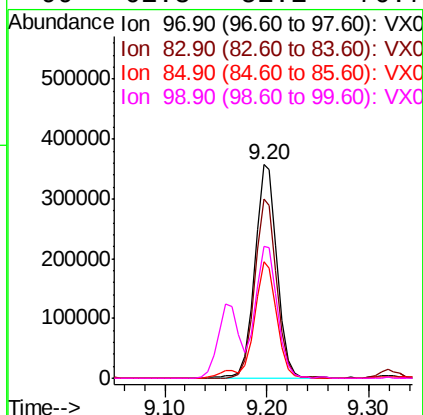
Time-->



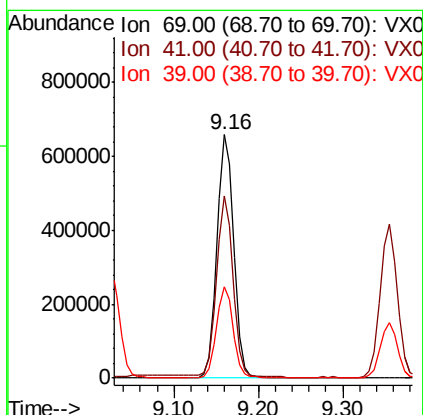


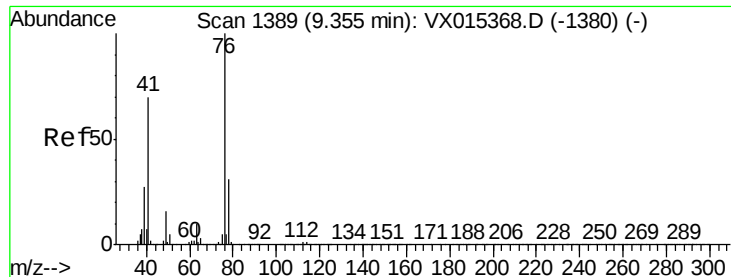
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tat	Ion: 97	Resp:	544126
Ion	Ratio	Lower	Upper
97	100		
83	84.1	70.2	105.4
85	54.5	44.7	67.1
99	61.8	51.1	76.7



Tgt	Ion: 69	Resp:	914487
Ion	Ratio	Lower	Upper
69	100		
41	73.7	61.6	92.4
39	37.1	34.0	51.0





#57

1,3-Dichloropropane

Concen: 54.261 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

Instrument :

MSVOA_X

ClientSampleId :

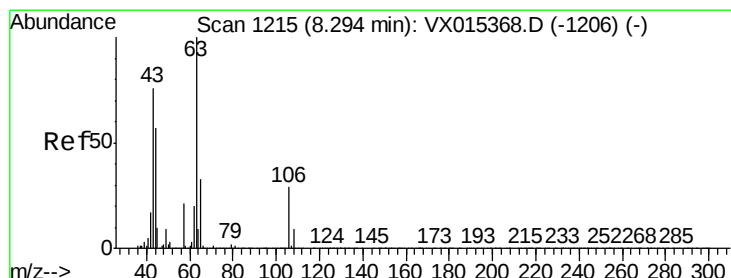
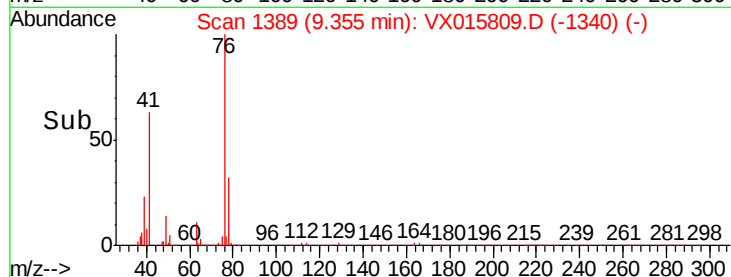
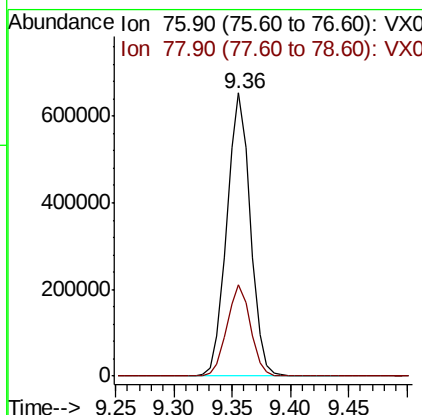
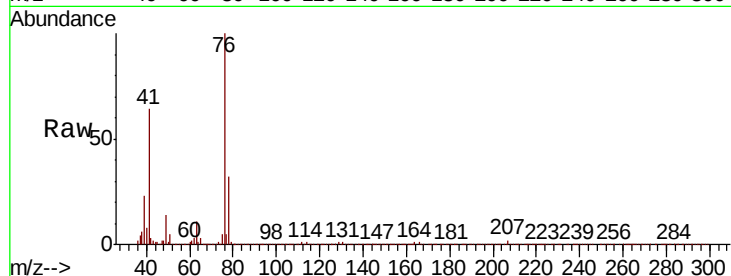
VSTDCCC050EC

Tot Ion: 76 Resp: 917509

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 250.935 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. 0.00 min

Lab File: VX015809.D

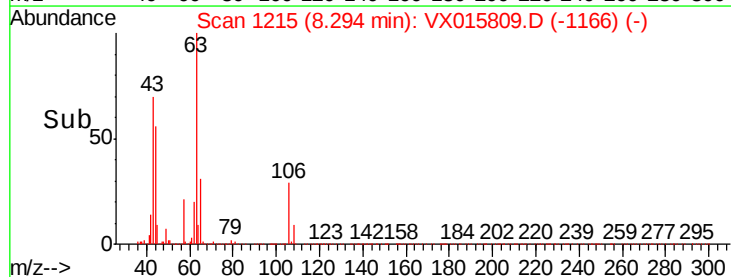
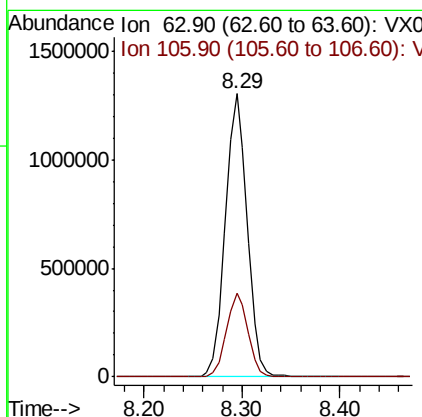
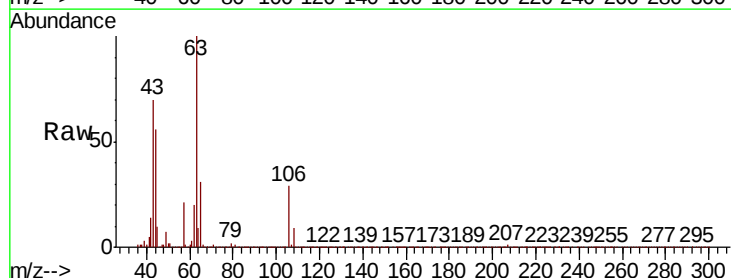
Acq: 21 Apr 2020 20:48

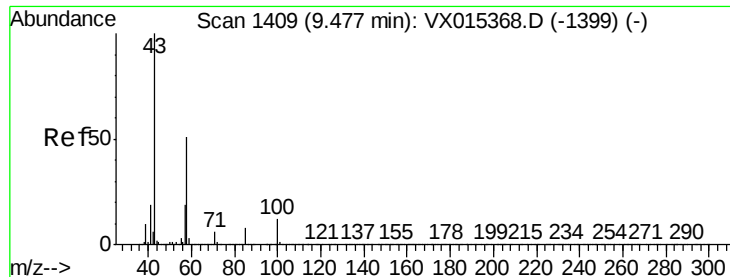
Tgt Ion: 63 Resp: 2018817

Ion Ratio Lower Upper

63 100

106 29.1 22.7 34.1

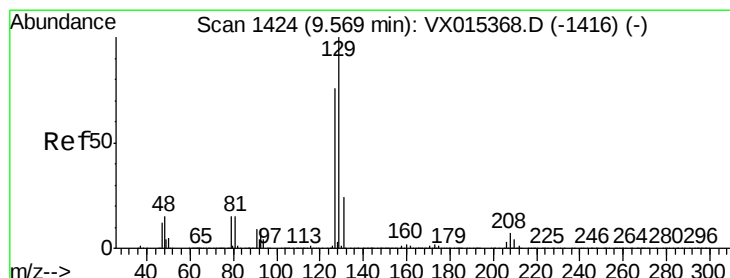
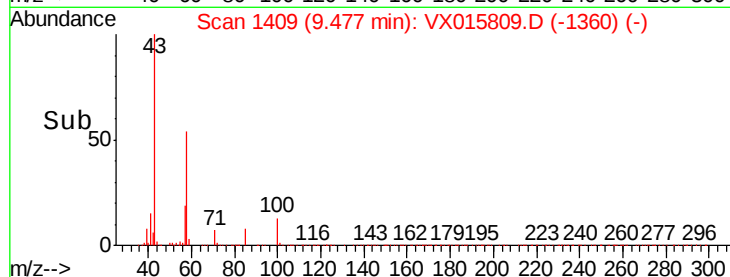
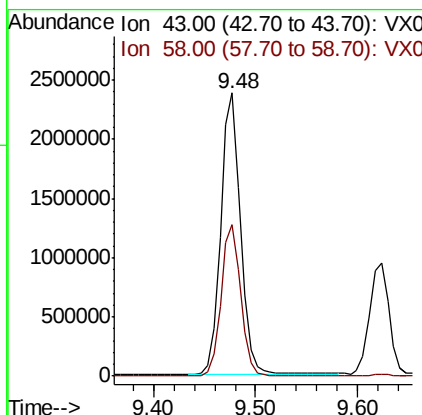
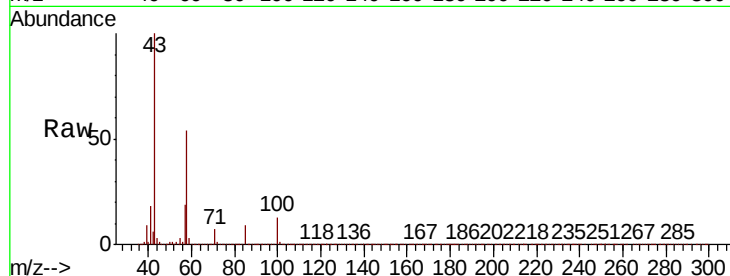




#59
2-Hexanone
Concen: 268.102 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. 0.00 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

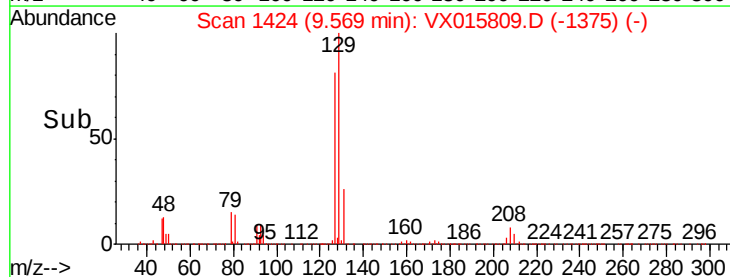
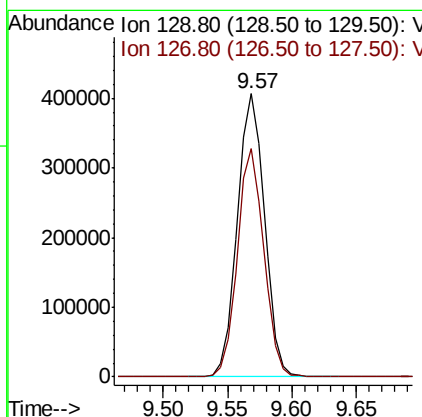
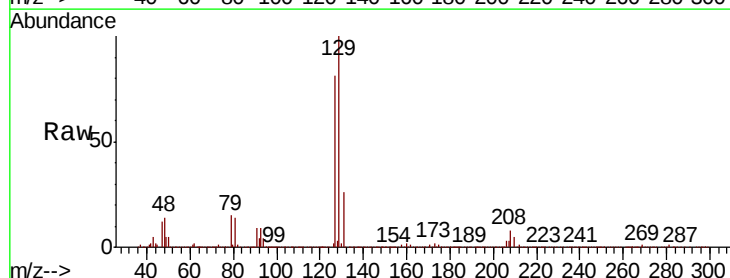
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

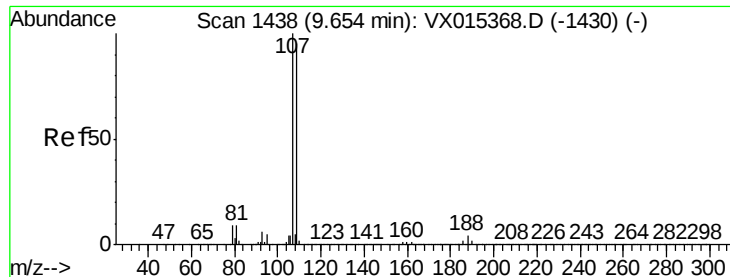
Tot Ion: 43 Resp: 3198137
Ion Ratio Lower Upper
43 100
58 53.7 25.6 76.6



#60
Dibromochloromethane
Concen: 52.765 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Tgt Ion:129 Resp: 595060
Ion Ratio Lower Upper
129 100
127 78.2 38.2 114.6





#61

1,2-Dibromoethane

Concen: 55.489 ug/l

RT: 9.66 min Scan# 1439

Delta R.T. 0.01 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

Instrument :

MSVOA_X

ClientSampleId :

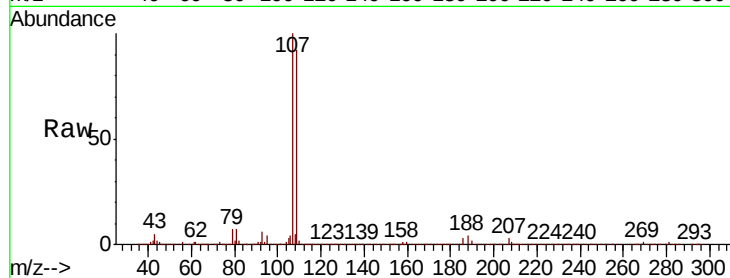
VSTDCCC050EC

Tot Ion:107 Resp: 566259

Ion Ratio Lower Upper

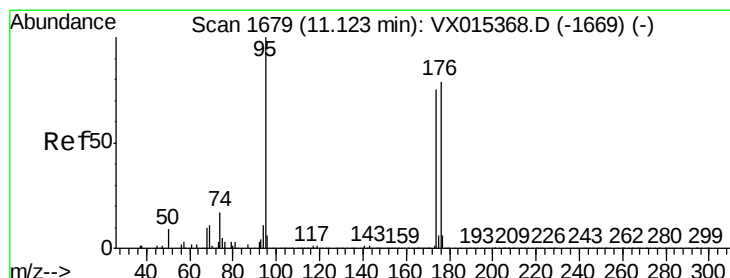
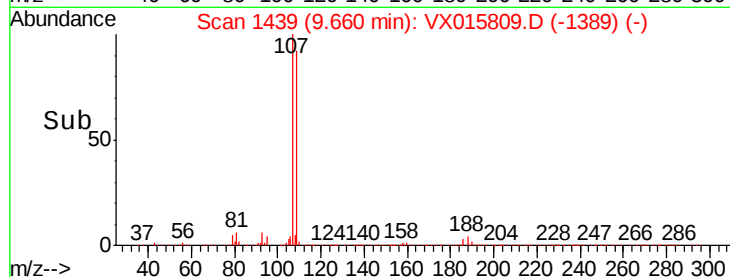
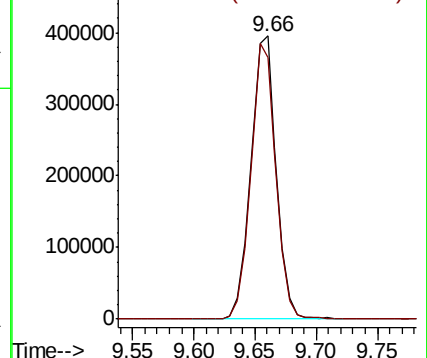
107 100

109 96.2 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 56.544 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

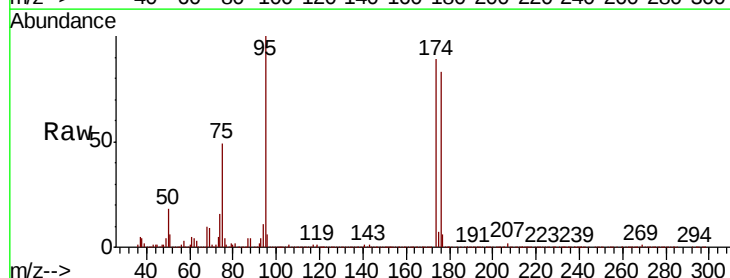
Tgt Ion: 95 Resp: 744501

Ion Ratio Lower Upper

95 100

174 87.1 0.0 158.6

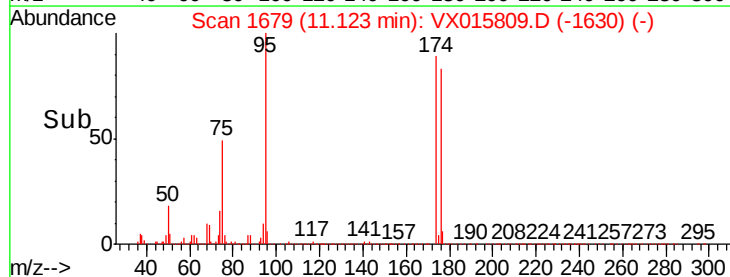
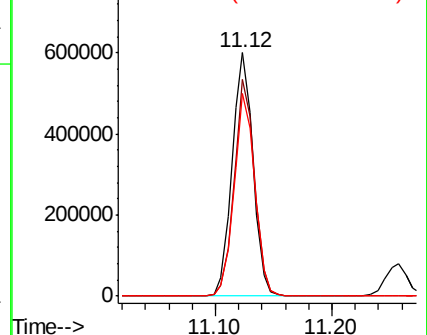
176 83.0 0.0 159.0

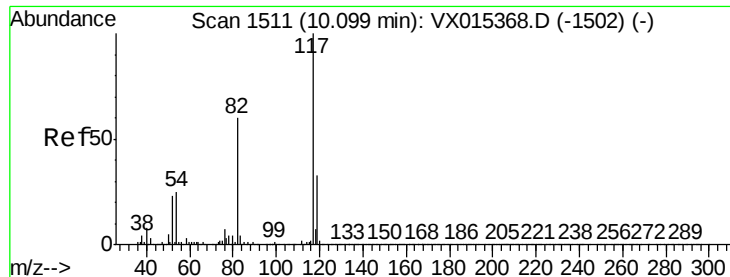


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

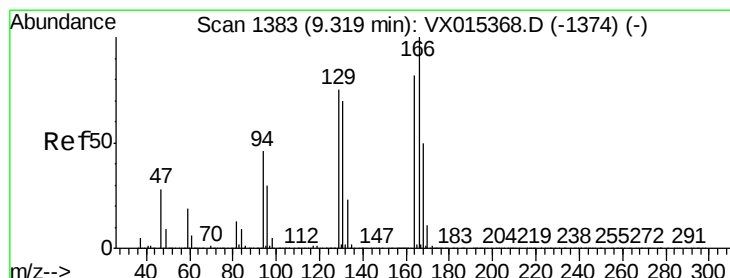
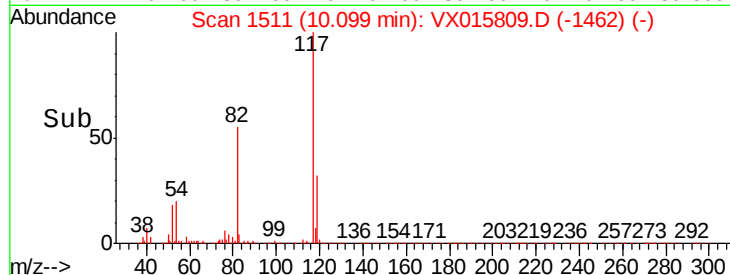
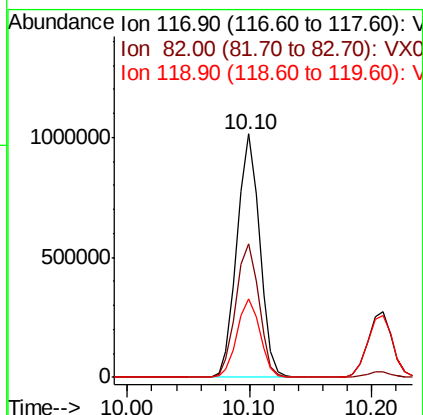
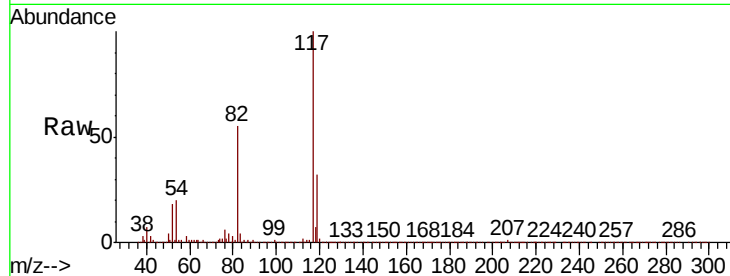




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

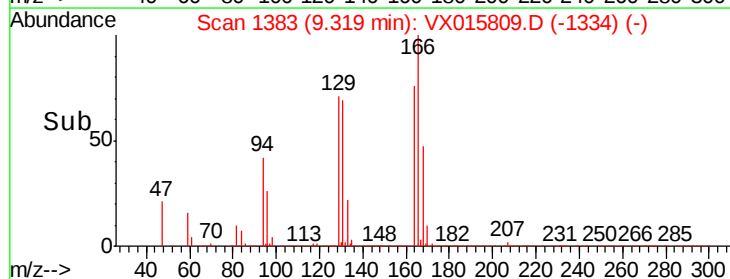
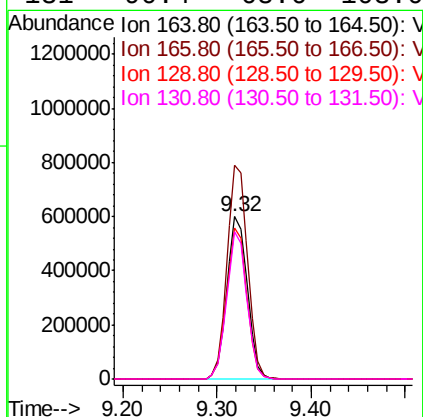
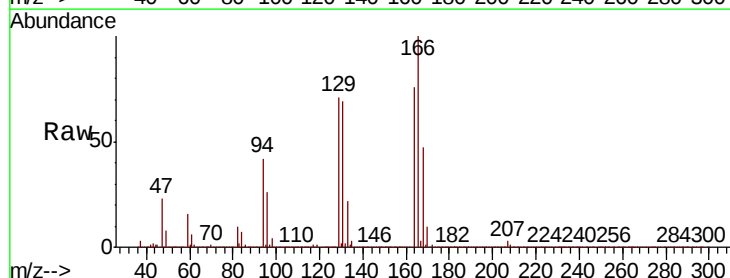
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

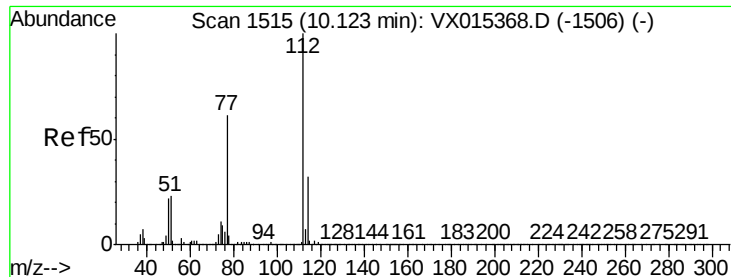
Tot Ion:117 Resp: 1301960
Ion Ratio Lower Upper
117 100
82 54.8 47.8 71.8
119 32.4 26.8 40.2



#64
Tetrachloroethene
Concen: 92.387 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Tgt Ion:164 Resp: 907756
Ion Ratio Lower Upper
164 100
166 131.6 97.8 146.6
129 93.3 73.0 109.4
131 90.4 68.6 103.0





#65

Chlorobenzene

Concen: 56.279 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

Instrument :

MSVOA_X

ClientSampleId :

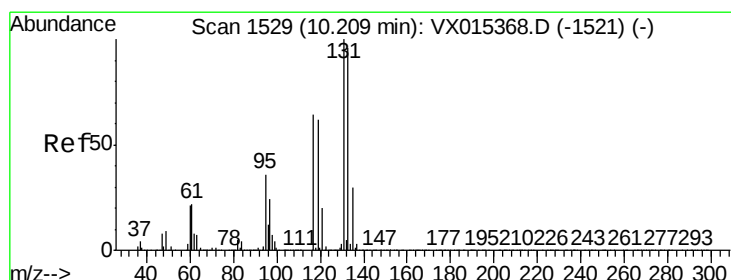
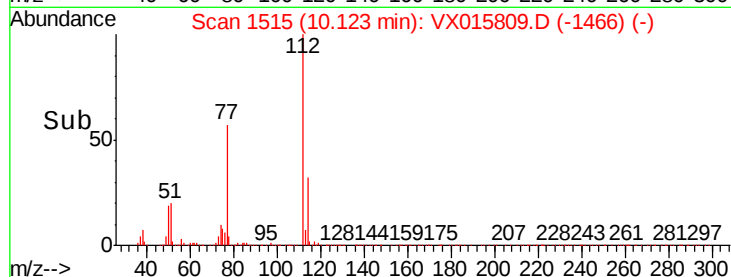
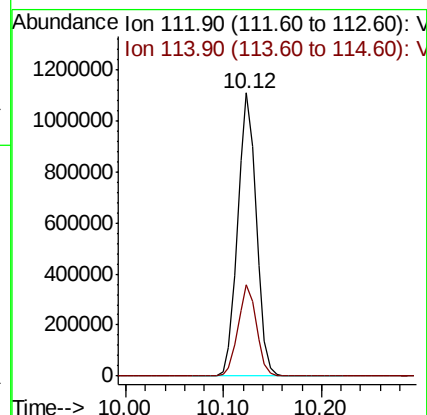
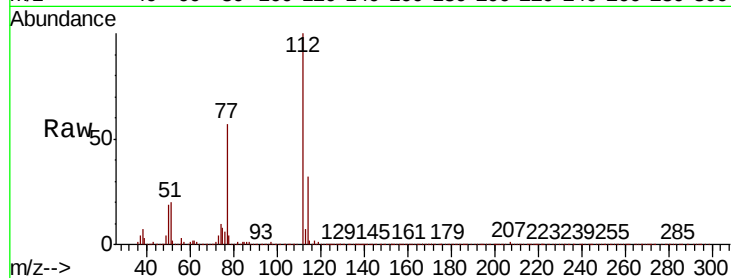
VSTDCCC050EC

Tot Ion:112 Resp: 1461284

Ion Ratio Lower Upper

112 100

114 32.1 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 54.696 ug/l

RT: 10.21 min Scan# 1529

Delta R.T. 0.00 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

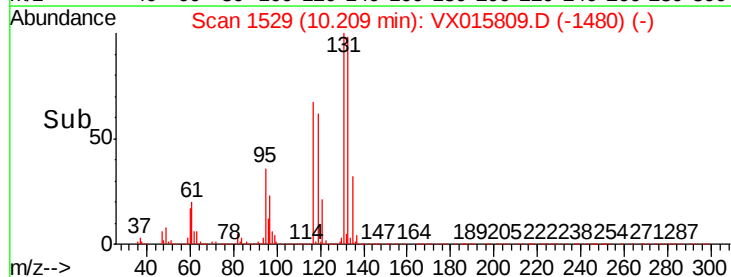
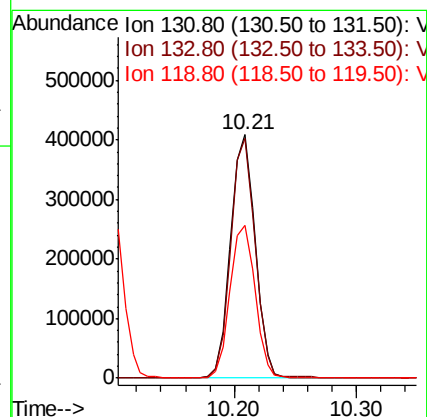
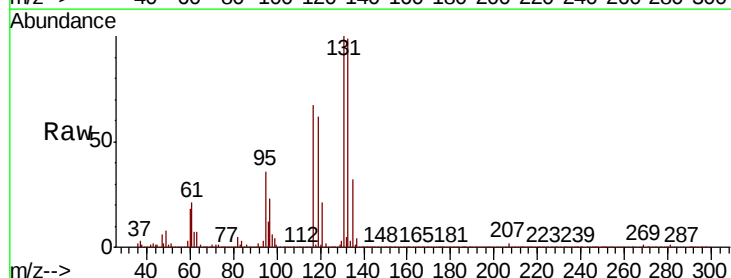
Tgt Ion:131 Resp: 567371

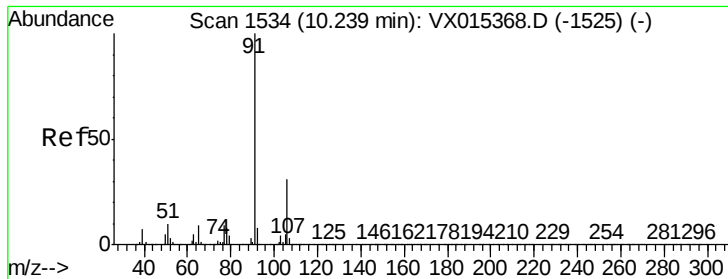
Ion Ratio Lower Upper

131 100

133 96.8 47.6 142.9

119 64.0 31.1 93.3

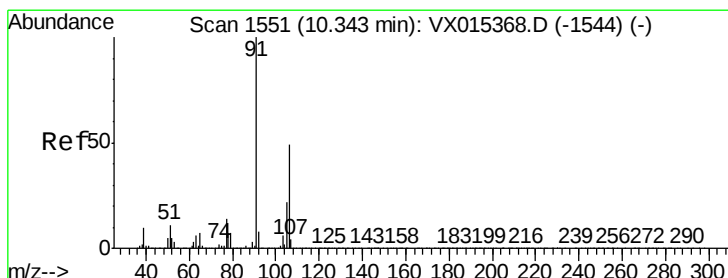
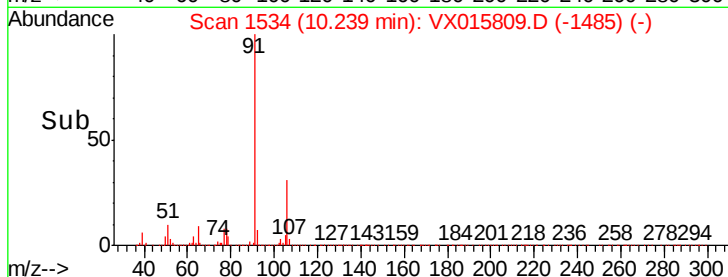
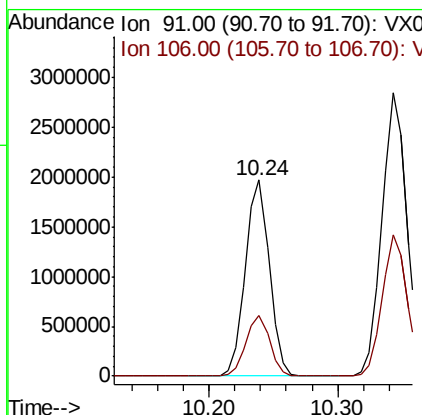
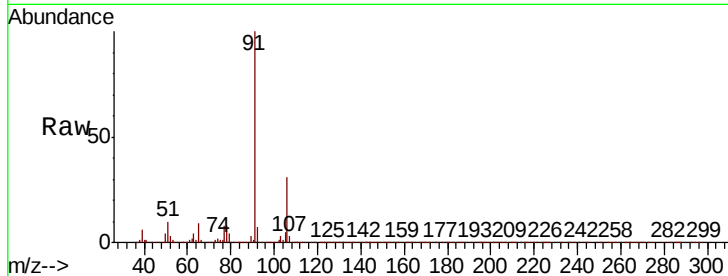




#67
Ethyl Benzene
Concen: 54.742 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

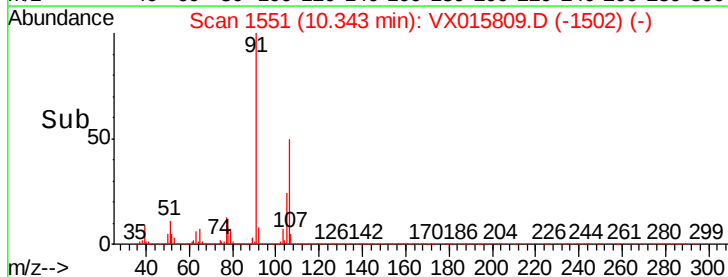
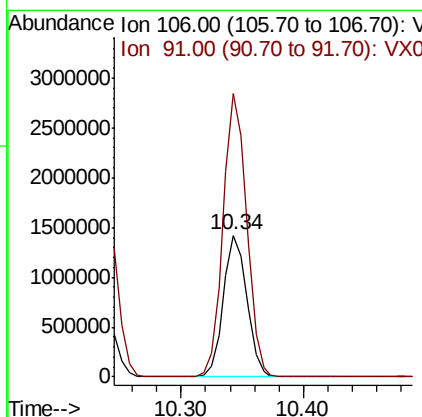
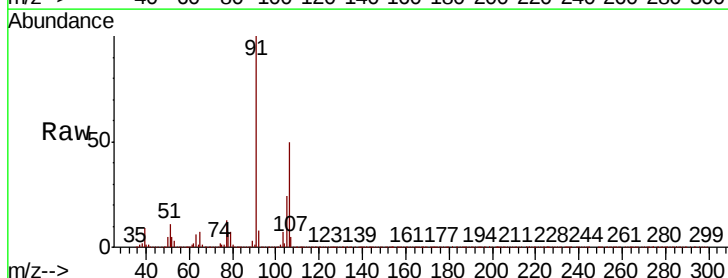
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

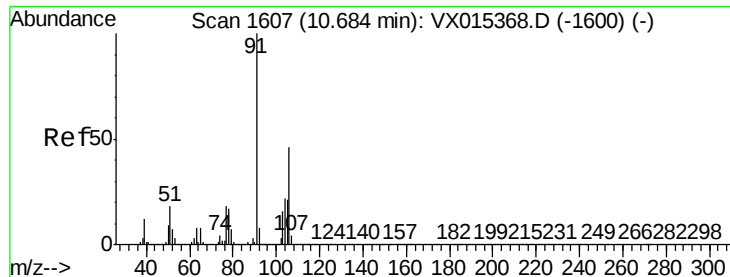
Tot Ion: 91 Resp: 2520924
Ion Ratio Lower Upper
91 100
106 31.0 24.8 37.2



#68
m/p-Xylenes
Concen: 110.306 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Tgt Ion: 106 Resp: 1891519
Ion Ratio Lower Upper
106 100
91 201.0 163.4 245.0

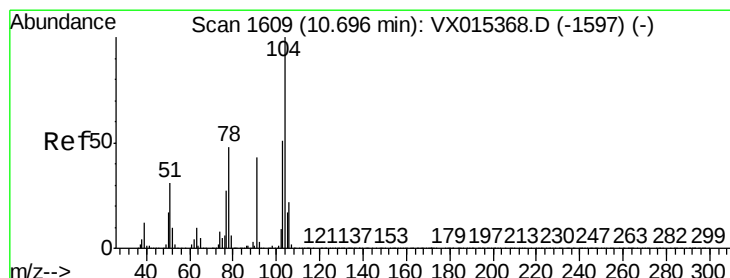
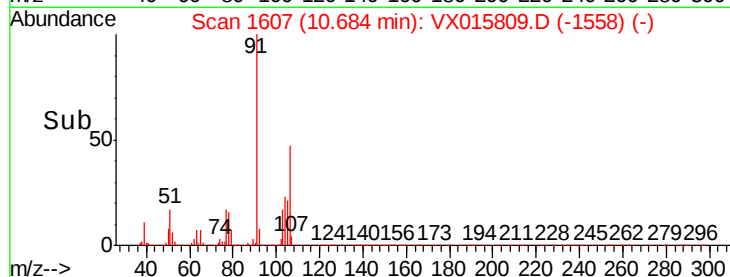
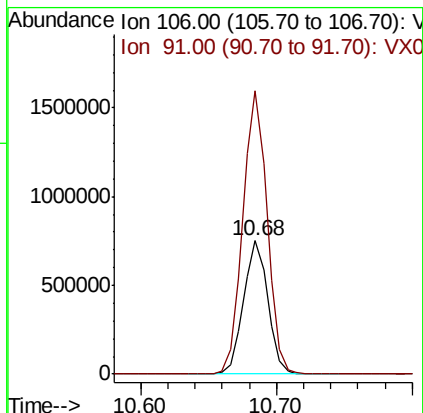
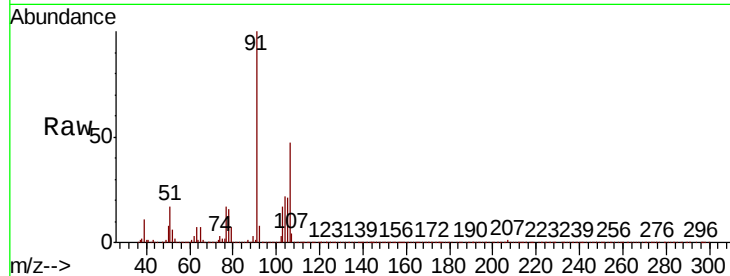




#69
o-Xylene
Concen: 55.316 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

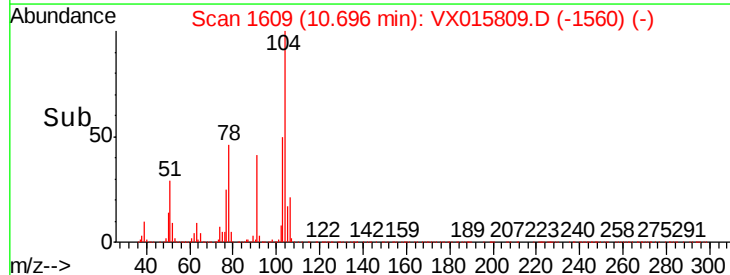
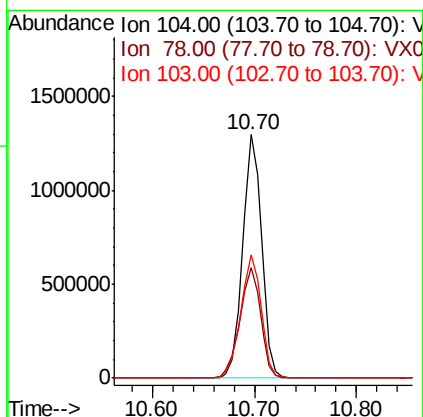
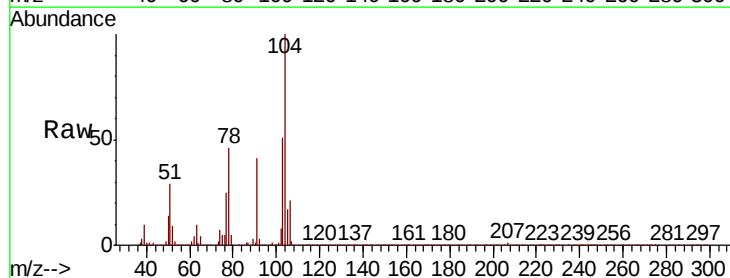
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

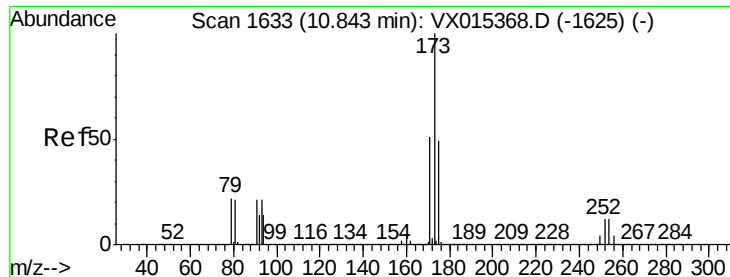
Tot Ion:106 Resp: 937338
Ion Ratio Lower Upper
106 100
91 212.1 107.1 321.3



#70
Styrene
Concen: 55.687 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Tgt Ion:104 Resp: 1660459
Ion Ratio Lower Upper
104 100
78 49.5 42.0 63.0
103 54.2 43.4 65.0

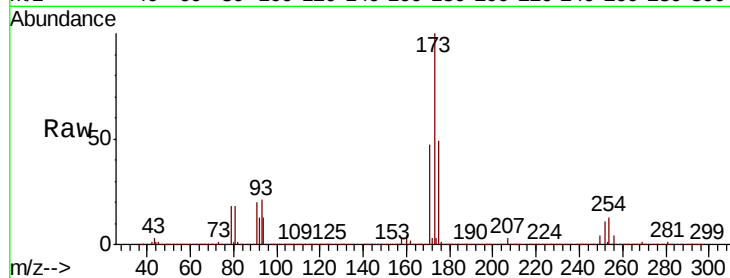




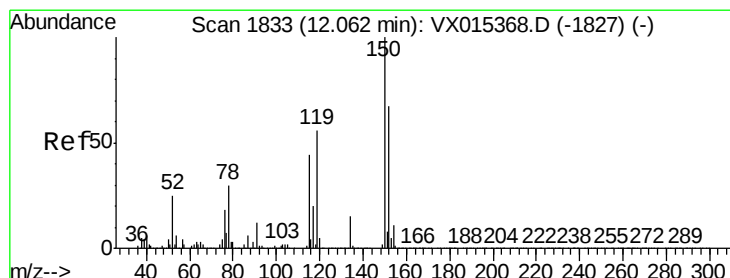
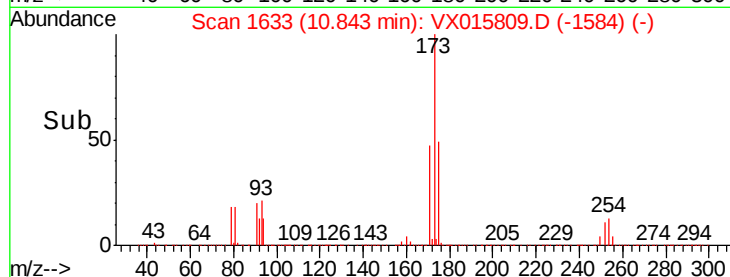
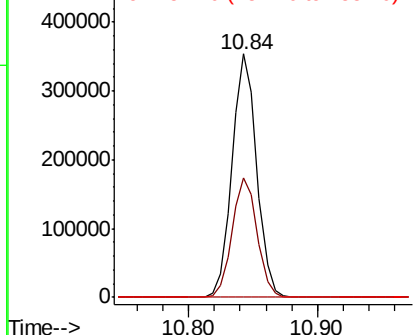
#71
Bromoform
Concen: 50.002 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:173 Resp: 472173
Ion Ratio Lower Upper
173 100
175 49.7 23.9 71.7
254 0.3 0.1 0.1#

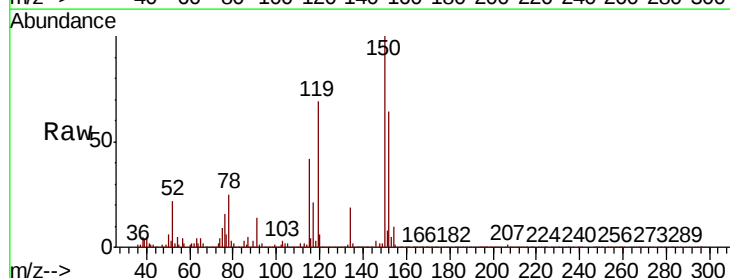


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

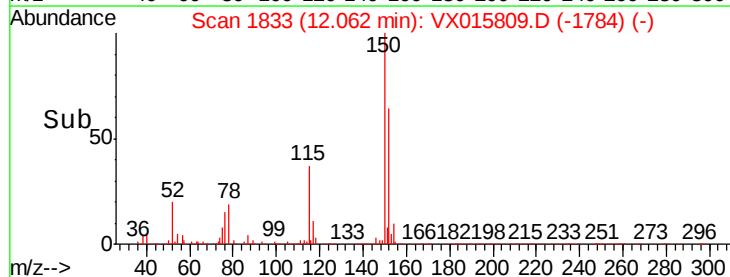
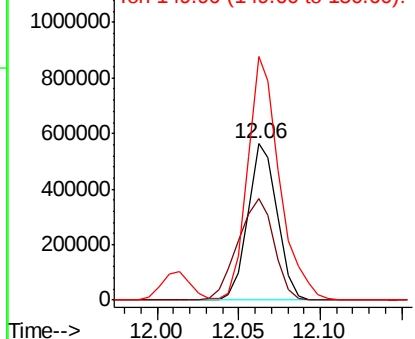


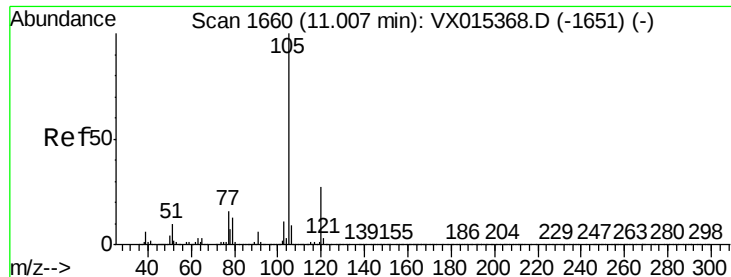
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Tgt Ion:152 Resp: 703781
Ion Ratio Lower Upper
152 100
115 80.2 39.0 116.9
150 168.8 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: 54.370 ug/l

RT: 11.01 min Scan# 1660

Delta R.T. 0.00 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

Instrument :

MSVOA_X

ClientSampleId :

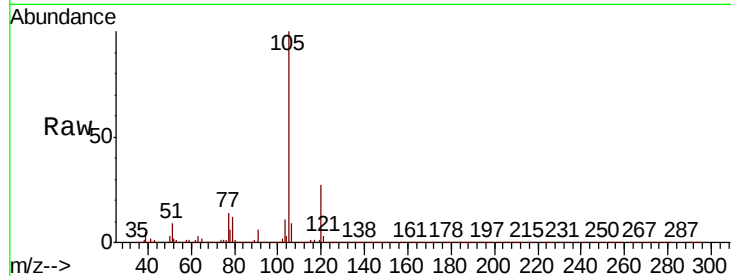
VSTDCCC050EC

Tot Ion:105 Resp: 2507197

Ion Ratio Lower Upper

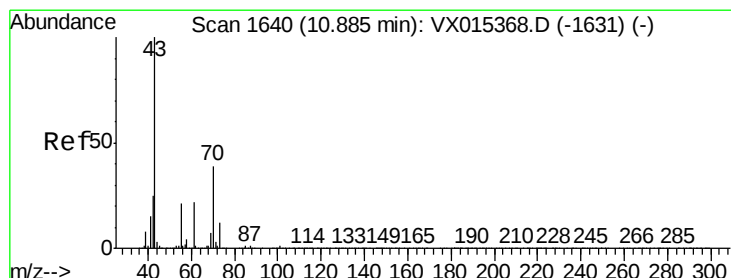
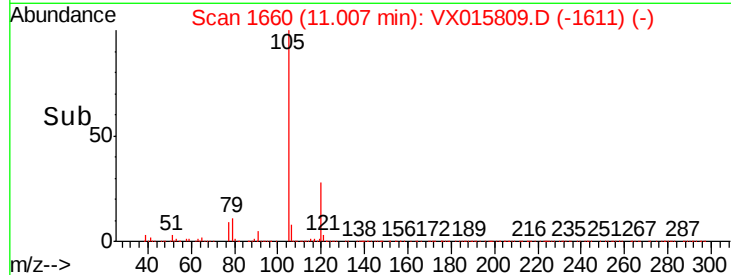
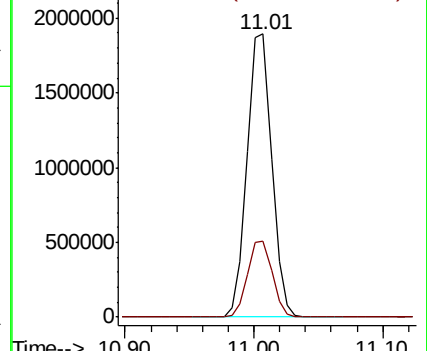
105 100

120 26.9 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: 50.458 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

Tgt Ion: 43 Resp: 1294119

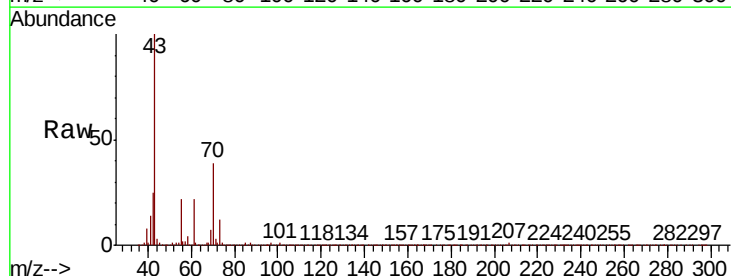
Ion Ratio Lower Upper

43 100

70 40.4 30.2 45.4

55 22.3 16.8 25.2

61 23.4 18.2 27.2

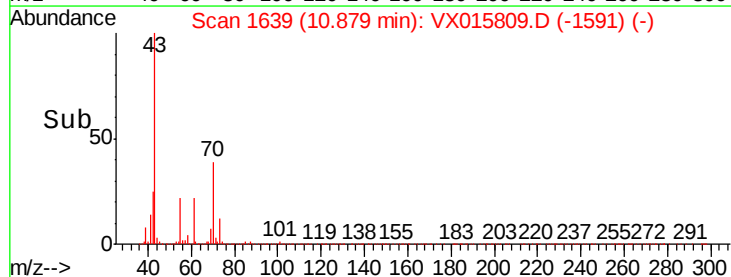
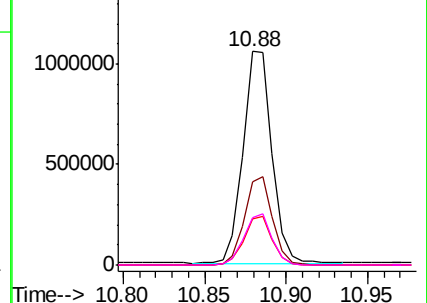


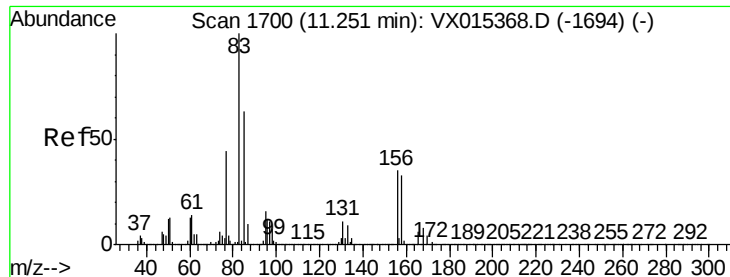
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 41.020 ug/l

RT: 11.26 min Scan# 1701

Delta R.T. 0.01 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

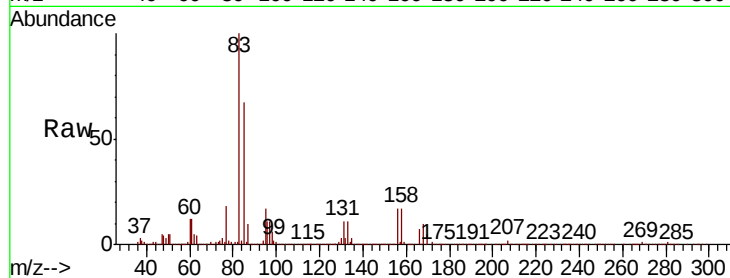
Tot Ion: 83 Resp: 649067

Ion Ratio Lower Upper

83 100

131 10.6 5.3 16.1

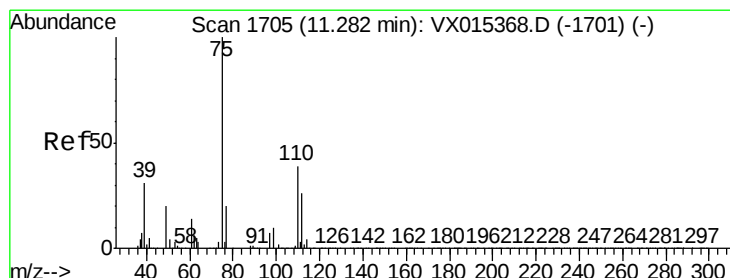
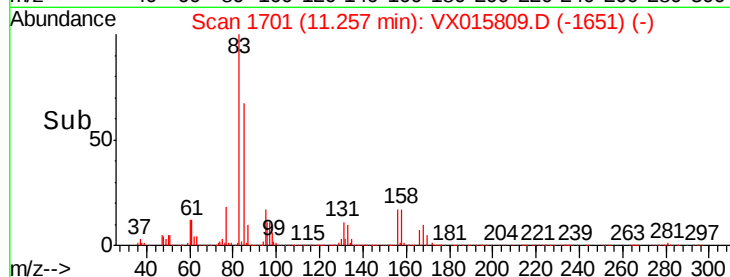
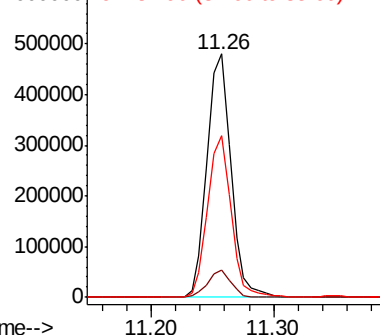
85 65.2 32.0 96.0



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: 69.512 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015809.D

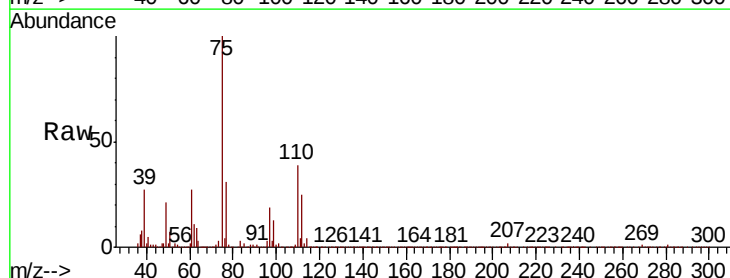
Acq: 21 Apr 2020 20:48

Tgt Ion: 75 Resp: 1006029

Ion Ratio Lower Upper

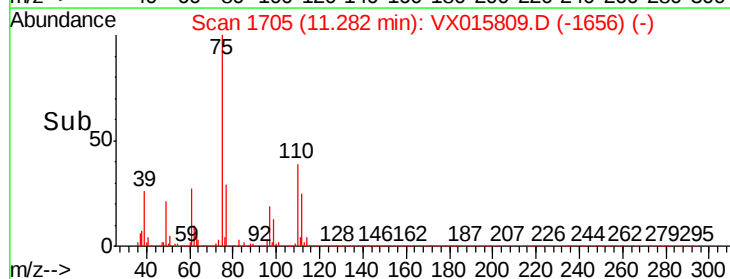
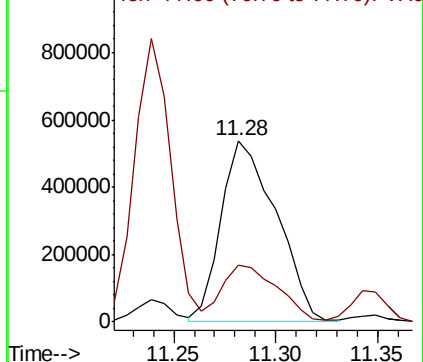
75 100

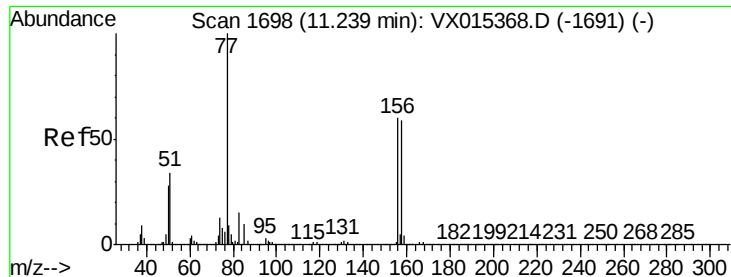
77 31.5 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 55.811 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

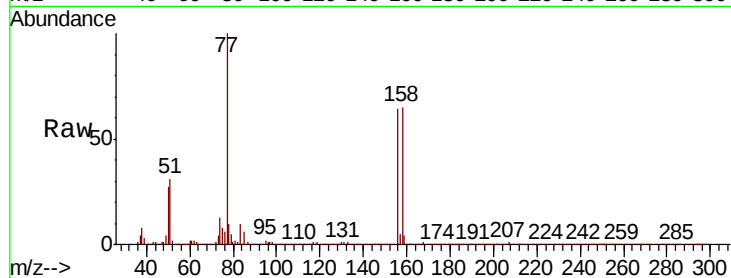
Tot Ion:156 Resp: 686481

Ion Ratio Lower Upper

156 100

77 152.6 82.2 246.5

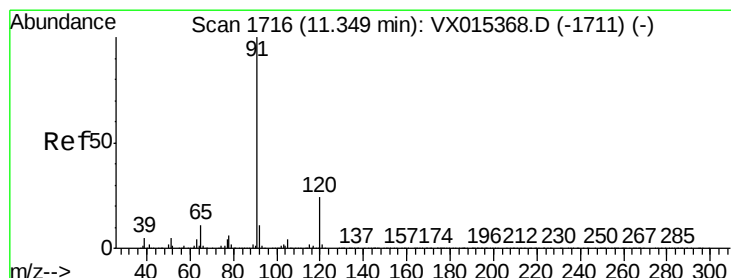
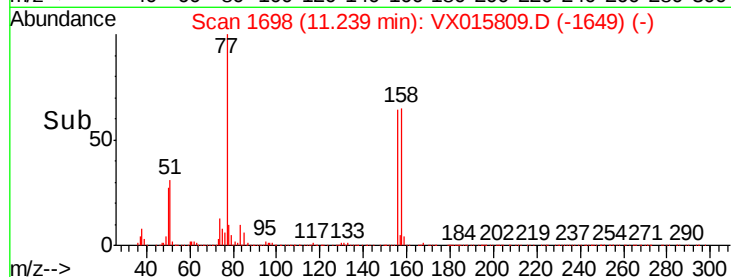
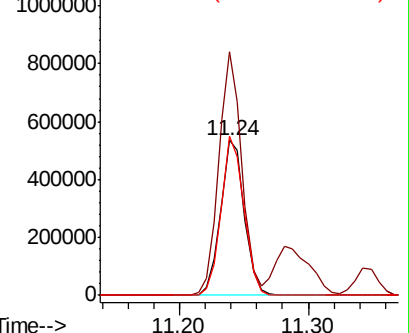
158 99.1 49.3 147.9



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: 53.800 ug/l

RT: 11.35 min Scan# 1716

Delta R.T. 0.00 min

Lab File: VX015809.D

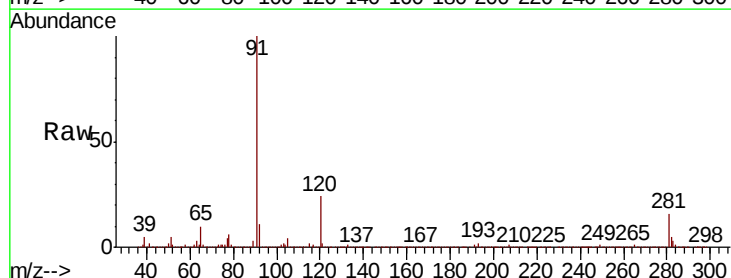
Acq: 21 Apr 2020 20:48

Tgt Ion: 91 Resp: 2836837

Ion Ratio Lower Upper

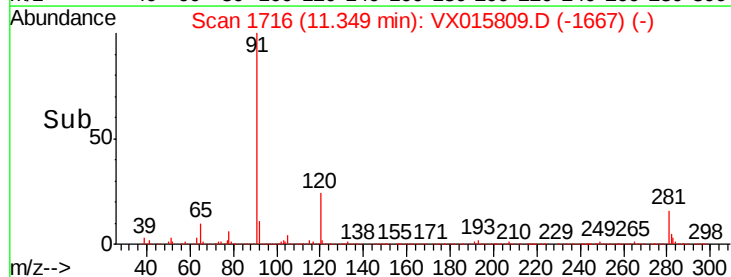
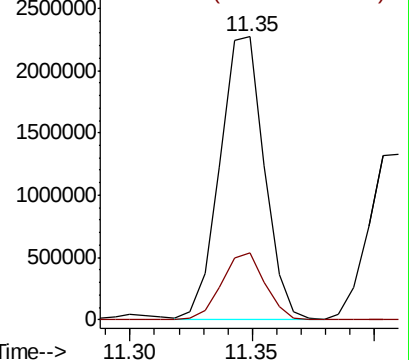
91 100

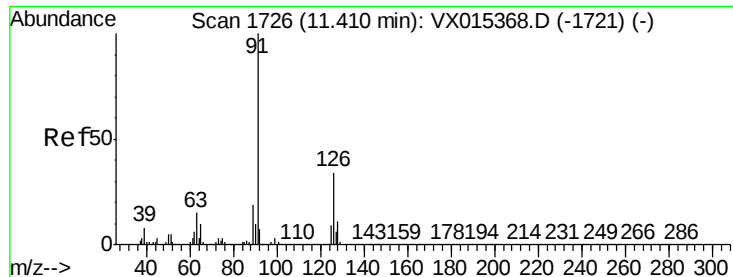
120 23.4 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.247 ug/l

RT: 11.41 min Scan# 1726

Delta R.T. 0.00 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

Instrument :

MSVOA_X

ClientSampleId :

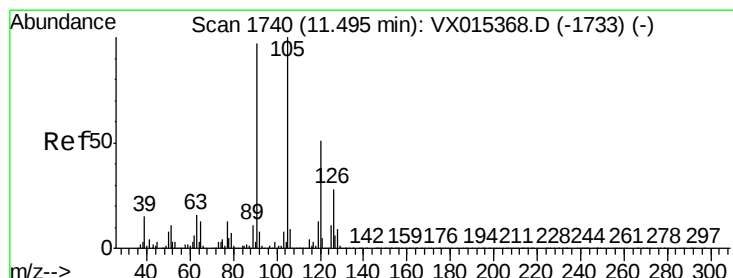
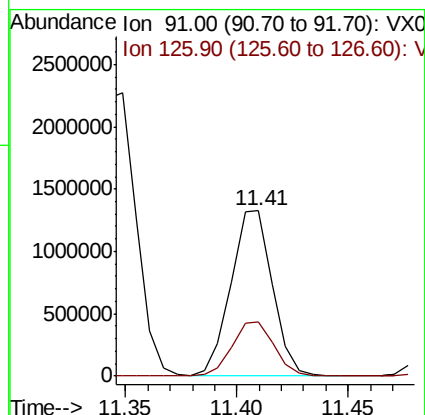
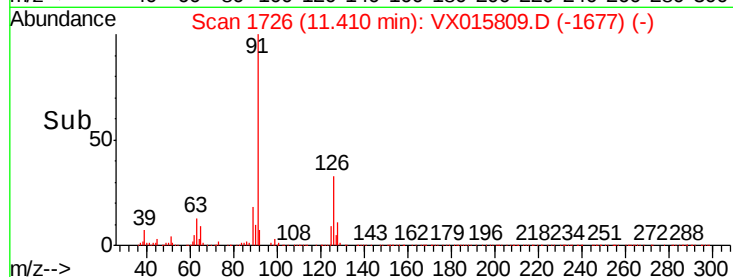
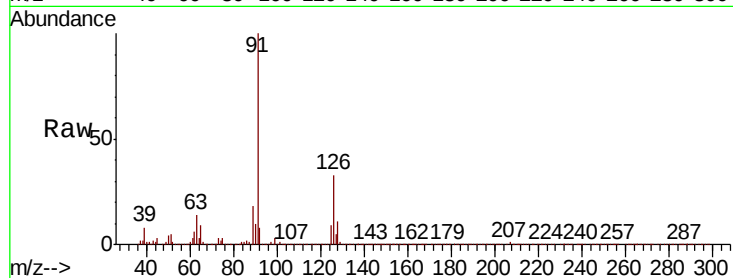
VSTDCCC050EC

Tot Ion: 91 Resp: 1720896

Ion Ratio Lower Upper

91 100

126 33.2 16.5 49.5



#80

1,3,5-Trimethylbenzene

Concen: 53.961 ug/l

RT: 11.50 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015809.D

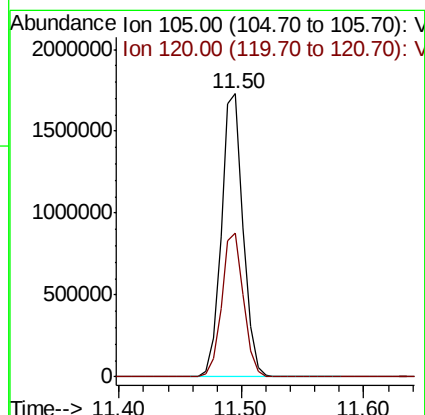
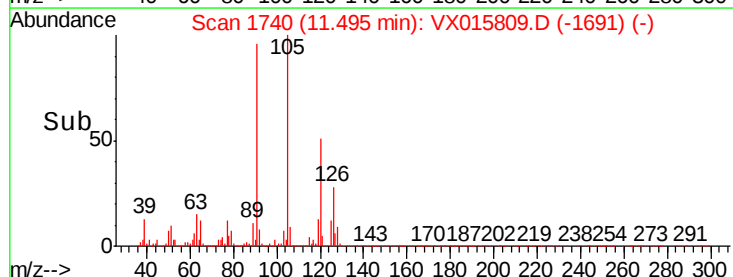
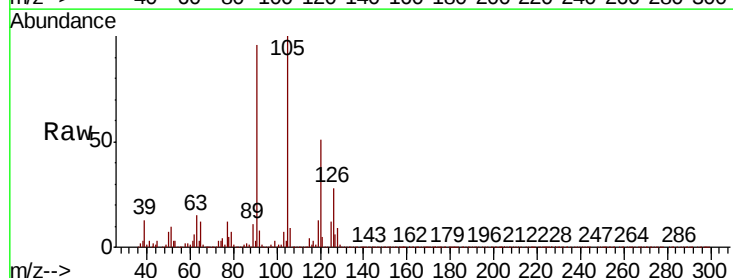
Acq: 21 Apr 2020 20:48

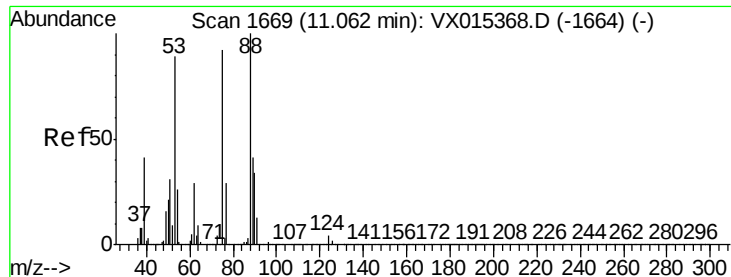
Tgt Ion: 105 Resp: 2125081

Ion Ratio Lower Upper

105 100

120 50.8 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 49.827 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. 0.00 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

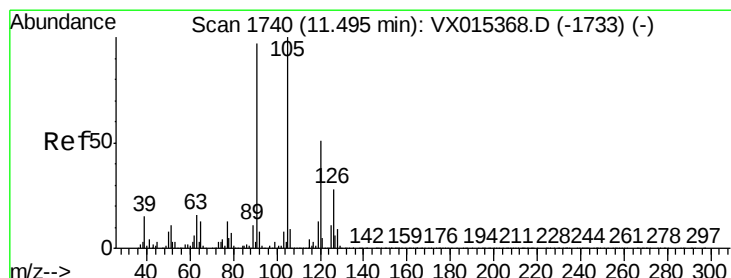
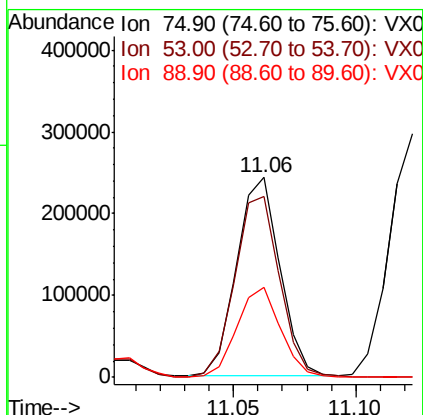
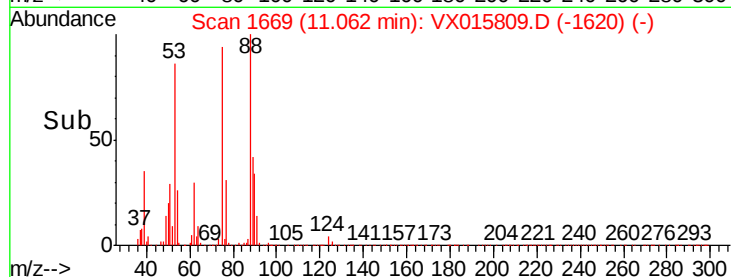
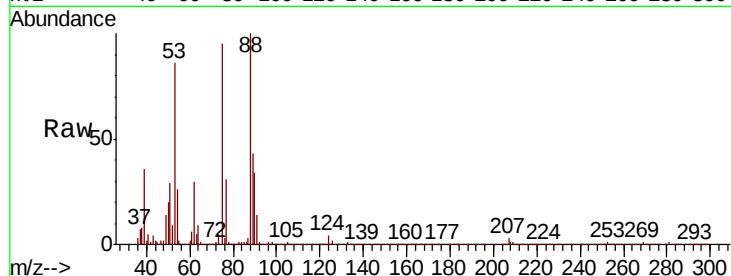
Tot Ion: 75 Resp: 300537

Ion Ratio Lower Upper

75 100

53 93.2 80.1 120.1

89 45.4 36.1 54.1



#82

4-Chlorotoluene

Concen: 53.528 ug/l

RT: 11.50 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015809.D

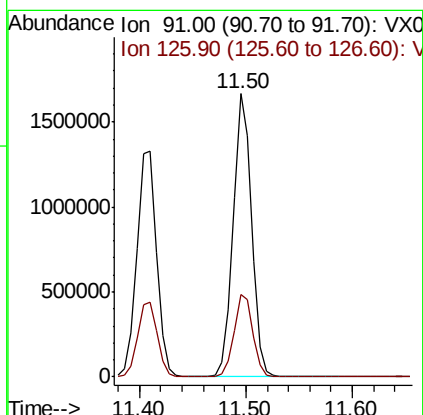
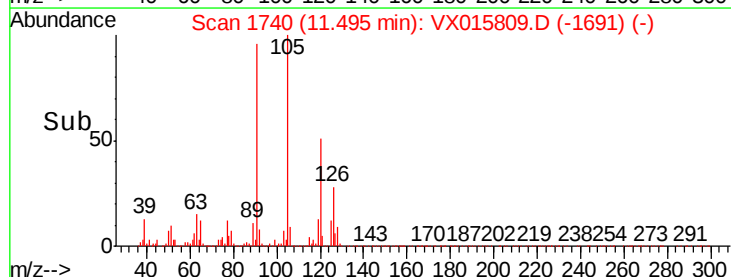
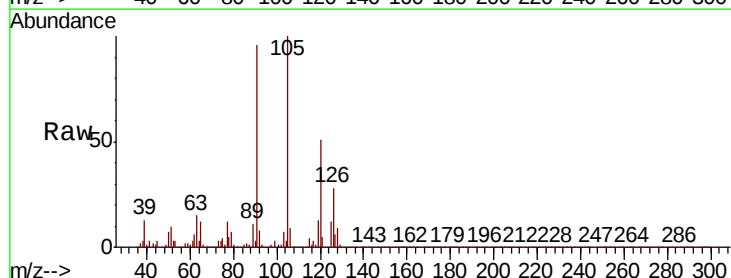
Acq: 21 Apr 2020 20:48

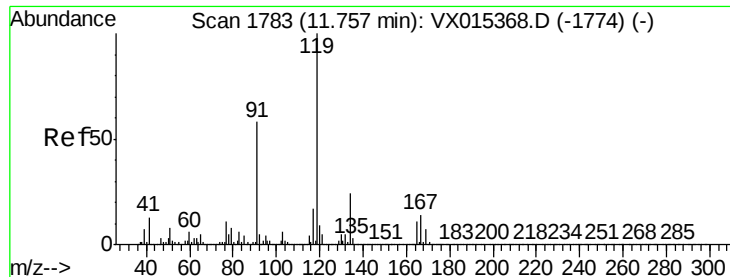
Tgt Ion: 91 Resp: 2028073

Ion Ratio Lower Upper

91 100

126 29.9 14.7 44.1

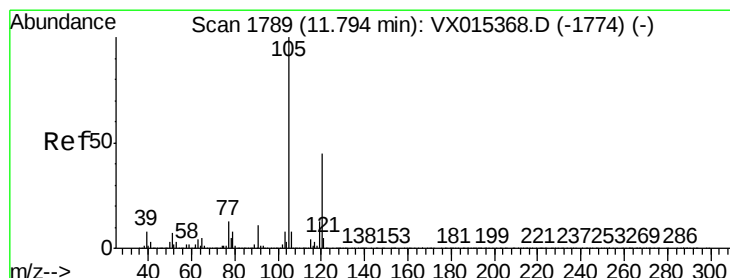
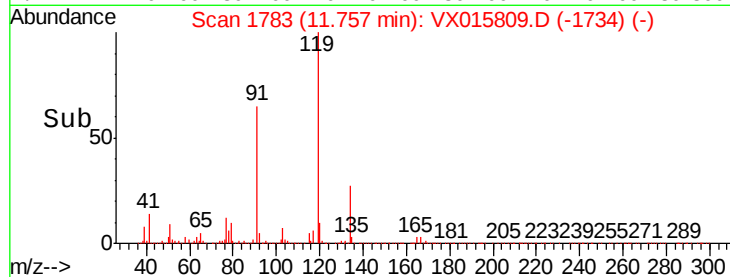
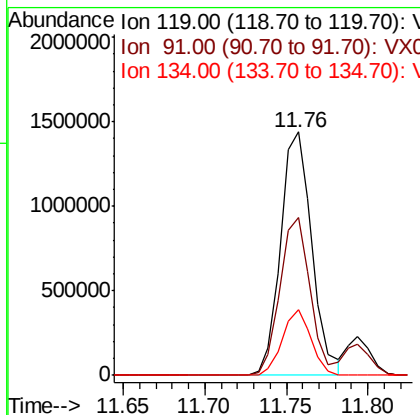
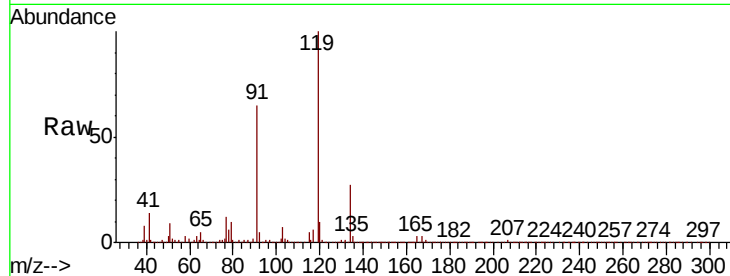




#83
 tert-Butylbenzene
 Concen: 49.892 ug/l
 RT: 11.76 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX015809.D
 Acq: 21 Apr 2020 20:48

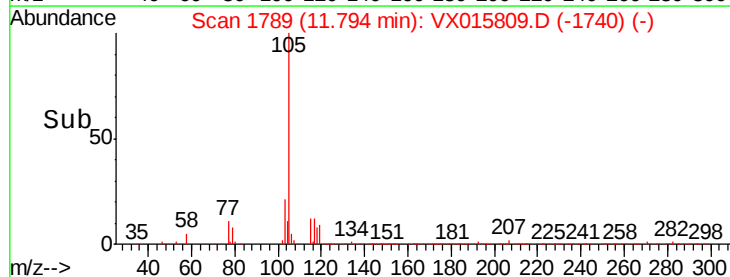
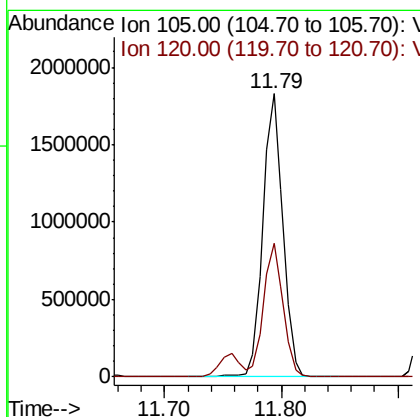
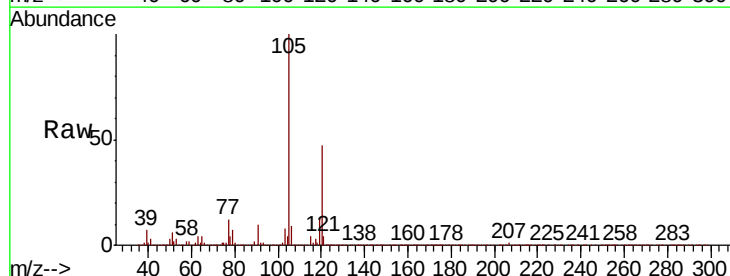
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

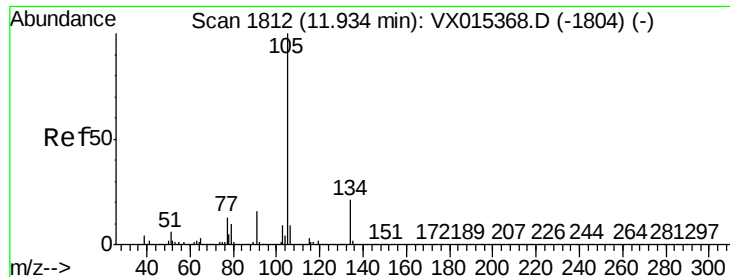
Tot Ion:119 Resp: 1919242
 Ion Ratio Lower Upper
 119 100
 91 62.4 28.6 85.8
 134 24.9 11.8 35.3



#84
 1,2,4-Trimethylbenzene
 Concen: 54.151 ug/l
 RT: 11.79 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX015809.D
 Acq: 21 Apr 2020 20:48

Tgt Ion:105 Resp: 2173197
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.7 68.1





#85

sec-Butylbenzene

Concen: 54.854 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

Instrument :

MSVOA_X

ClientSampleId :

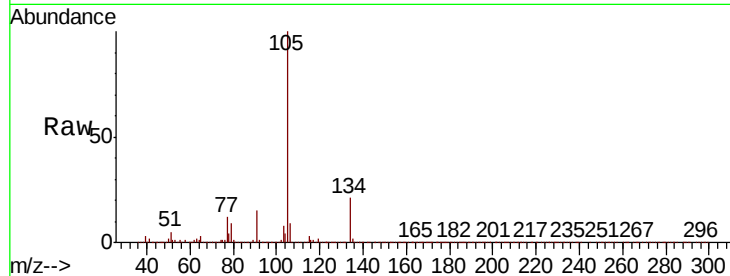
VSTDCCC050EC

Tot Ion:105 Resp: 2440408

Ion Ratio Lower Upper

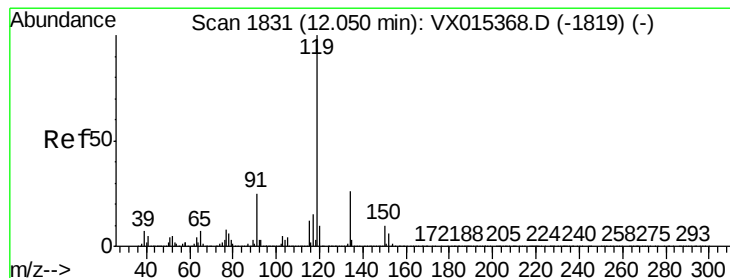
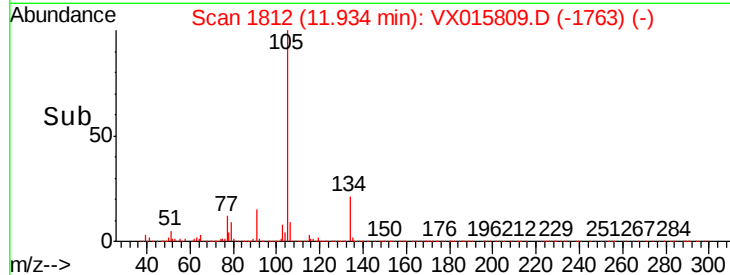
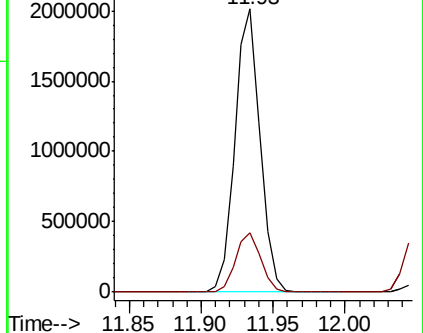
105 100

134 21.1 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: 56.145 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

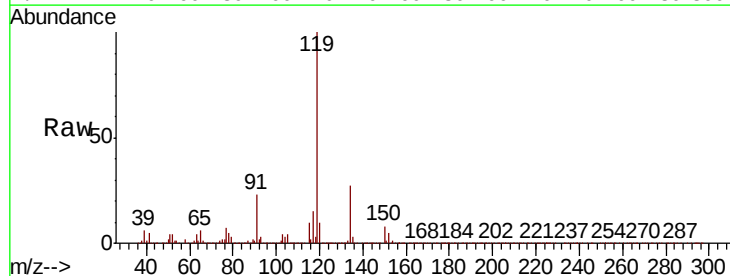
Tgt Ion:119 Resp: 2318879

Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

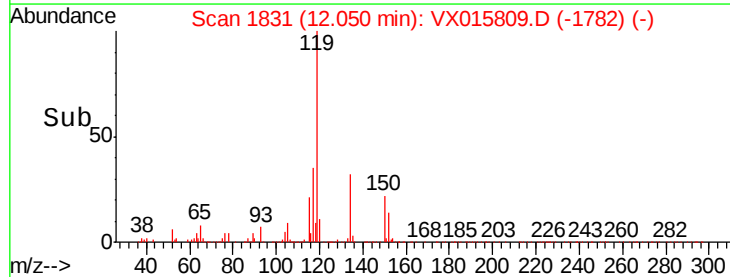
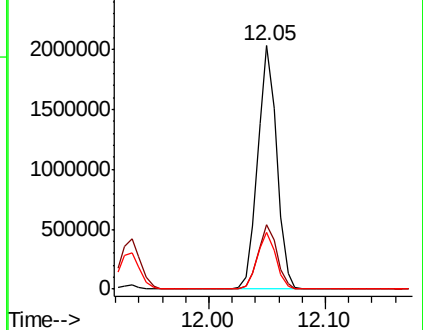
91 23.1 12.4 37.4

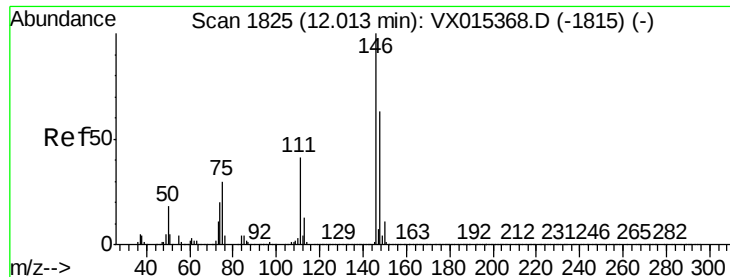


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

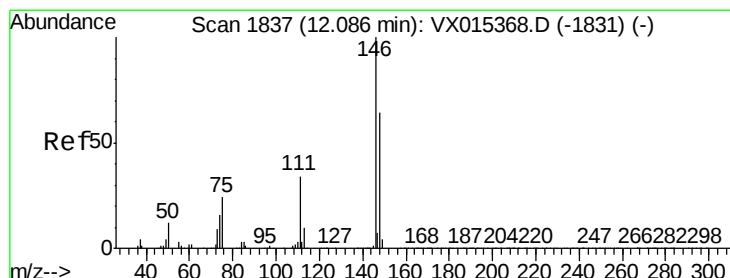
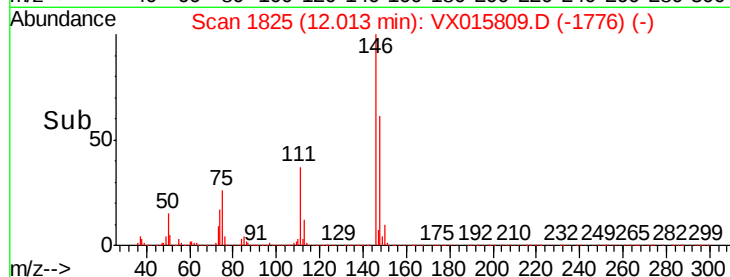
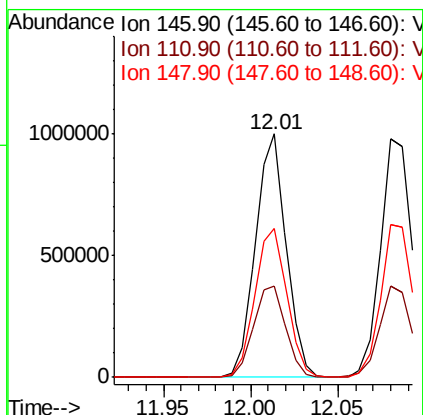
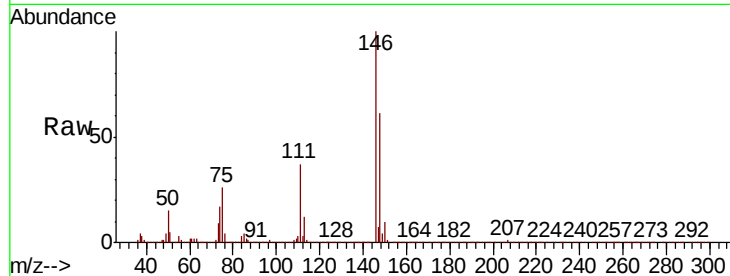




#87
 1,3-Dichlorobenzene
 Concen: 55.548 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015809.D
 Acq: 21 Apr 2020 20:48

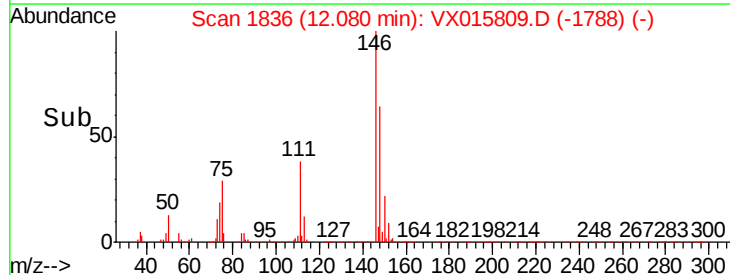
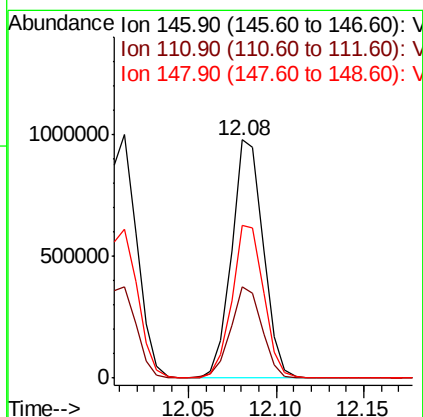
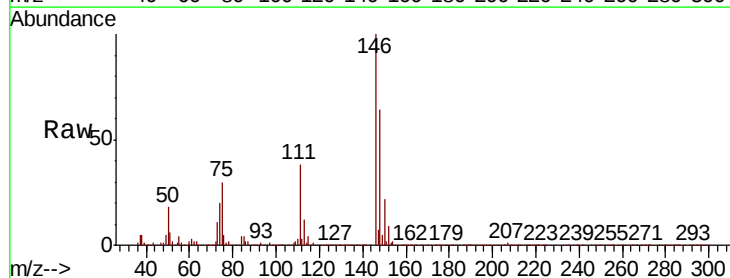
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

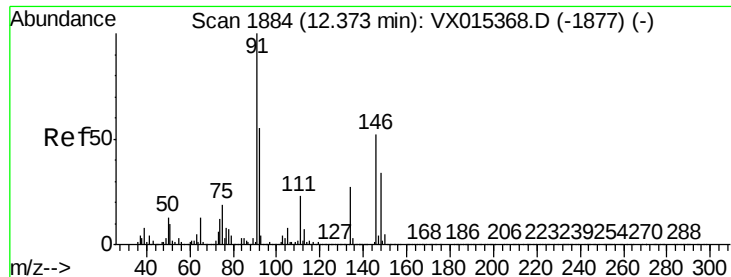
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	20.3	60.9
148	63.4	31.3	93.9



#88
 1,4-Dichlorobenzene
 Concen: 54.838 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015809.D
 Acq: 21 Apr 2020 20:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.1	57.5
148	64.2	32.4	97.2





#89

n-Butylbenzene

Concen: 54.031 ug/l

RT: 12.37 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

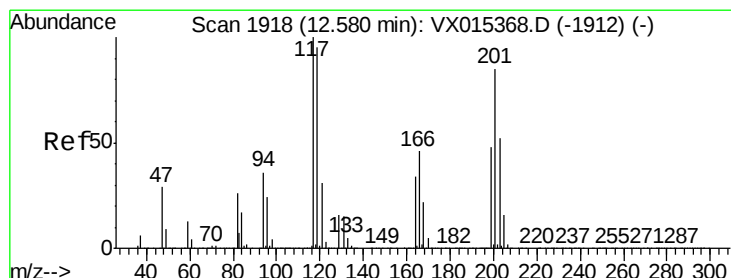
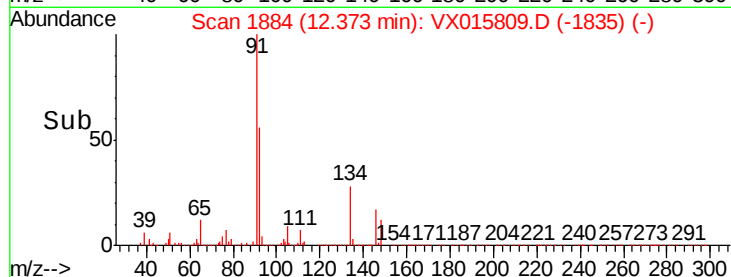
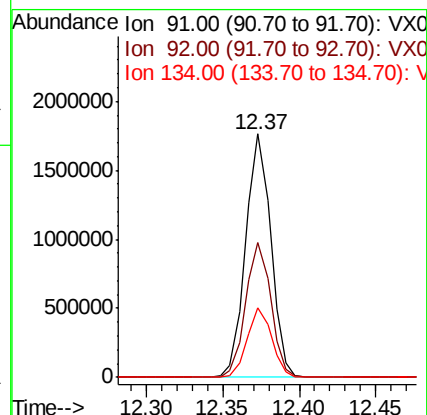
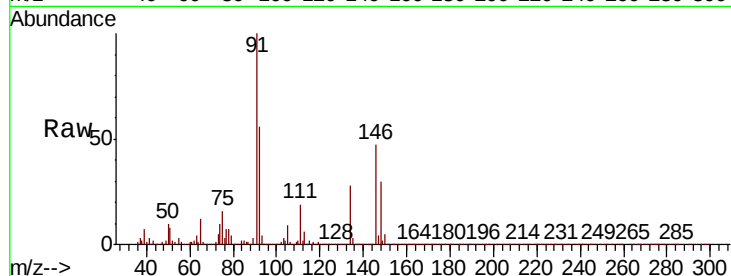
Tot Ion: 91 Resp: 2016612

Ion Ratio Lower Upper

91 100

92 55.6 27.2 81.5

134 27.8 13.4 40.2



#90

Hexachloroethane

Concen: 27.755 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VX015809.D

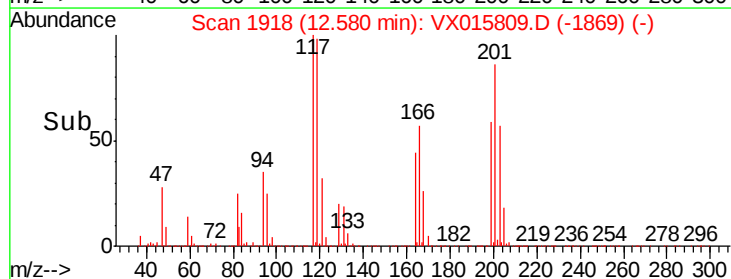
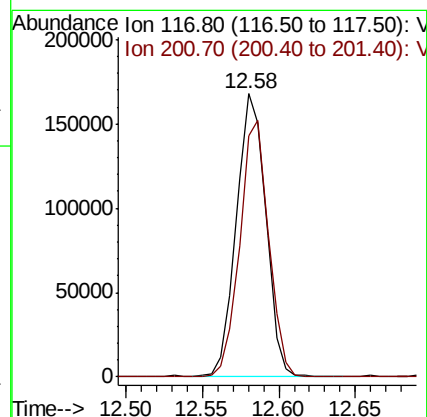
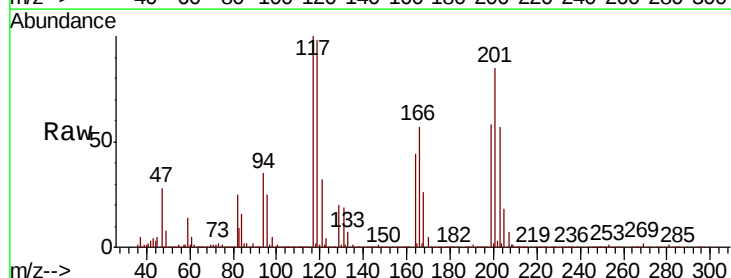
Acq: 21 Apr 2020 20:48

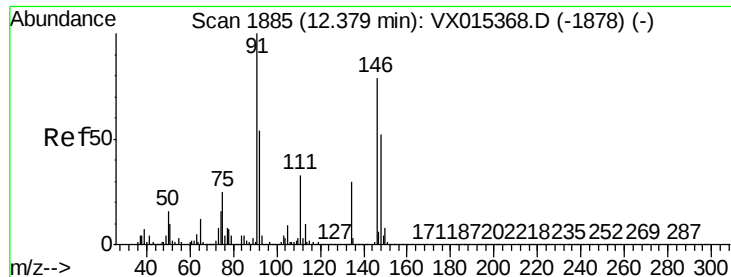
Tgt Ion: 117 Resp: 223117

Ion Ratio Lower Upper

117 100

201 88.8 42.6 128.0

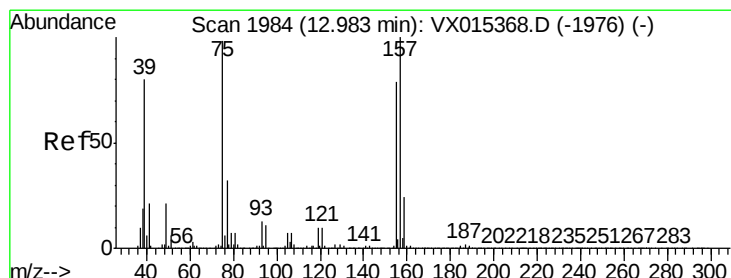
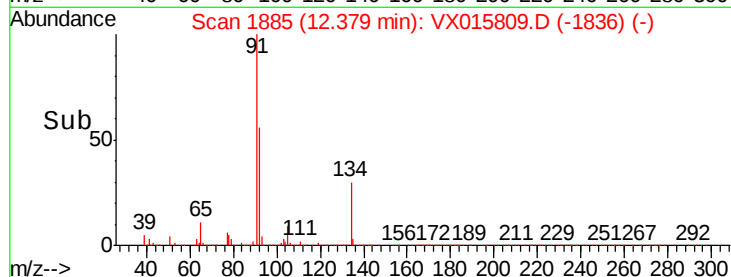
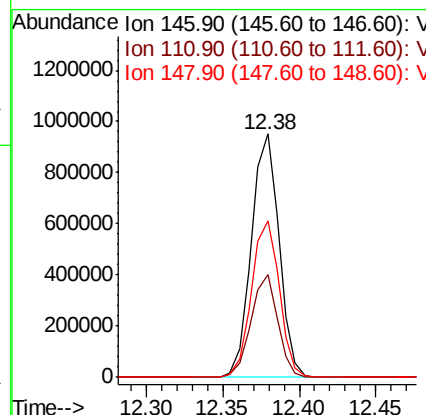
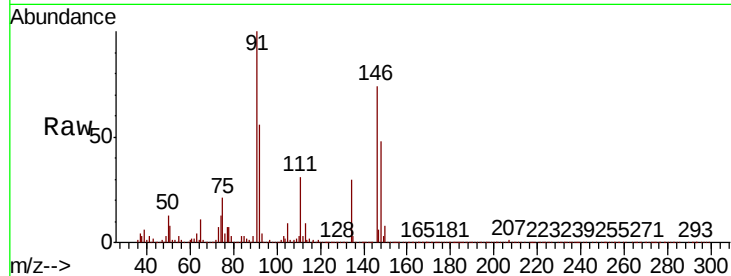




#91
 1,2-Dichlorobenzene
 Concen: 55.427 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: VX015809.D
 Acq: 21 Apr 2020 20:48

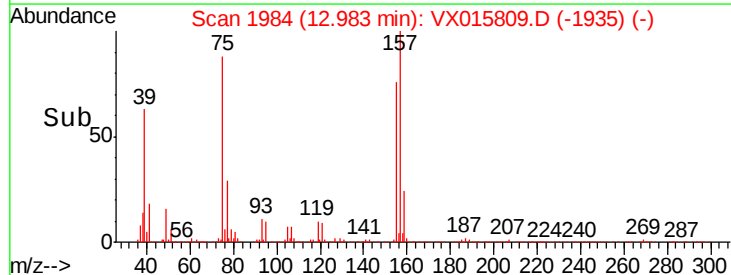
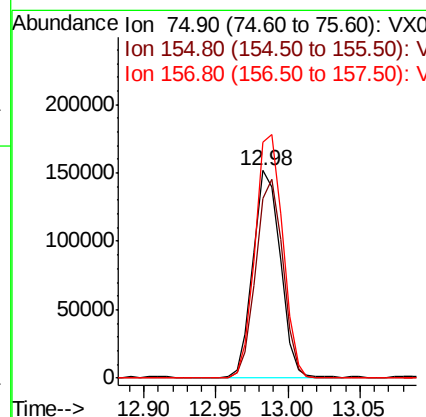
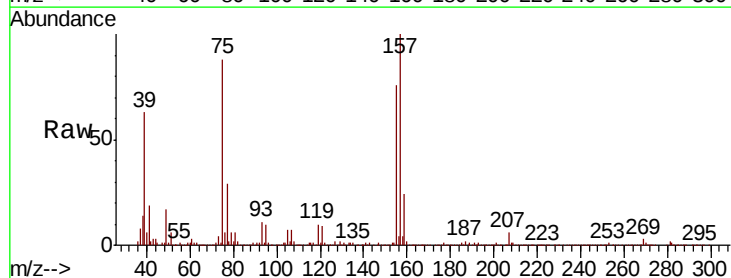
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

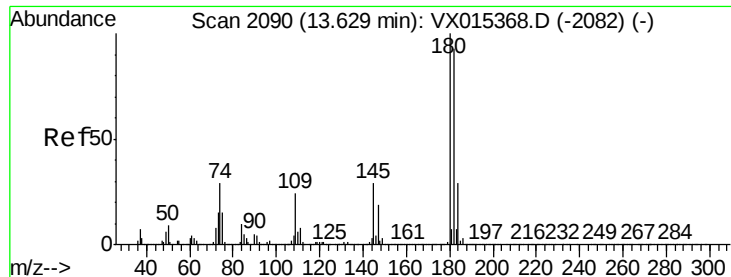
Tot Ion:146 Resp: 1194415
 Ion Ratio Lower Upper
 146 100
 111 40.7 21.0 63.0
 148 64.7 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.285 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VX015809.D
 Acq: 21 Apr 2020 20:48

Tgt Ion: 75 Resp: 197775
 Ion Ratio Lower Upper
 75 100
 155 95.4 42.8 128.4
 157 119.8 53.4 160.3

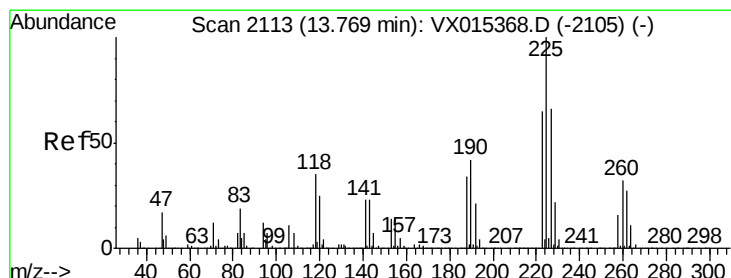
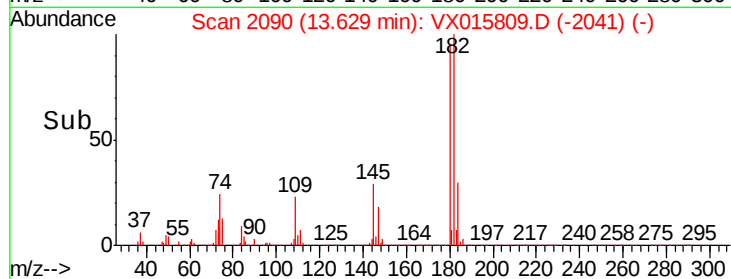
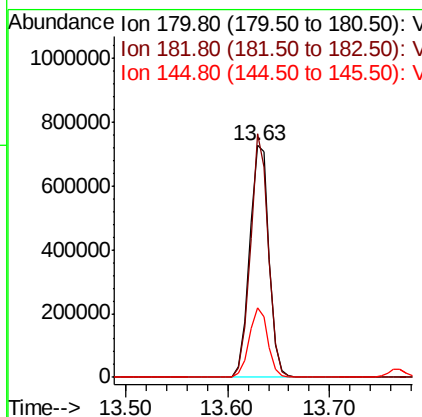
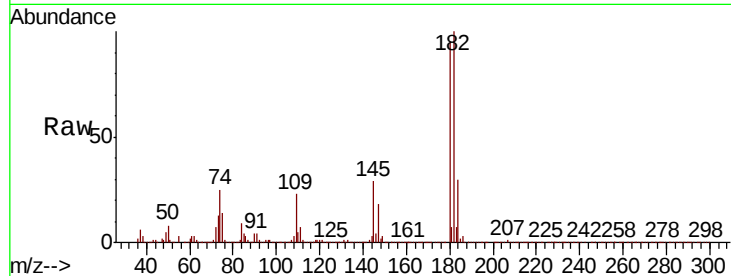




#93
 1,2,4-Trichlorobenzene
 Concen: 56.545 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015809.D
 Acq: 21 Apr 2020 20:48

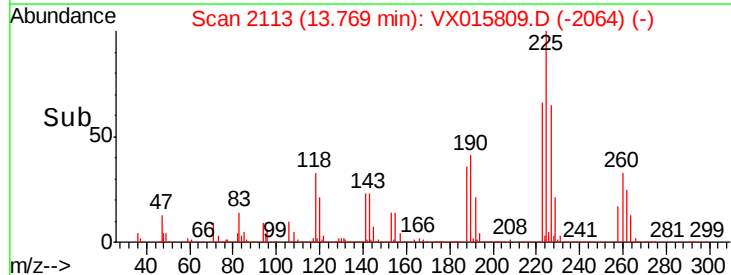
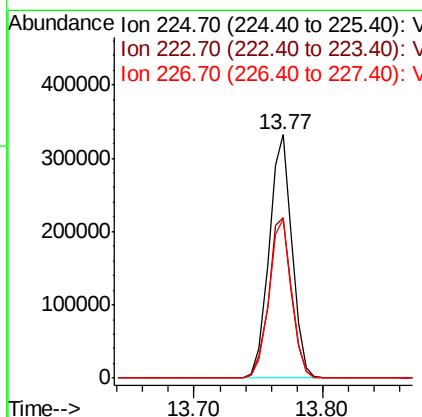
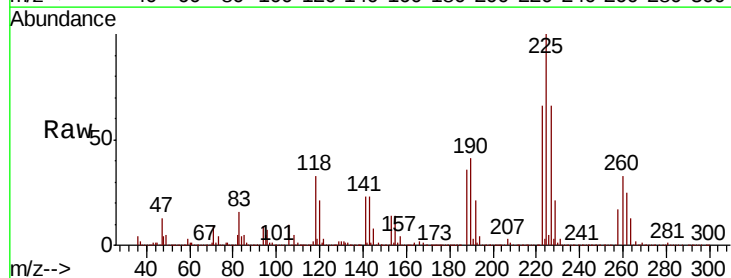
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

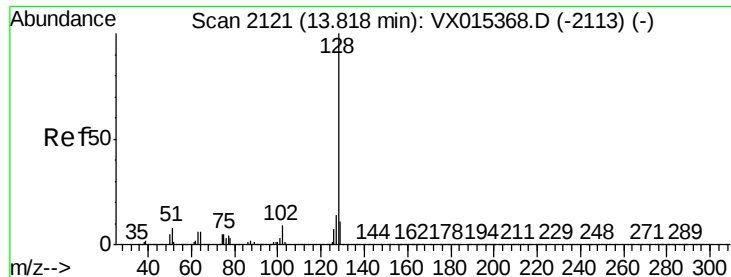
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.8	46.9	140.7
145	28.7	14.9	44.5



#94
 Hexachlorobutadiene
 Concen: 50.421 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015809.D
 Acq: 21 Apr 2020 20:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.7	31.9	95.7
227	65.0	30.4	91.3

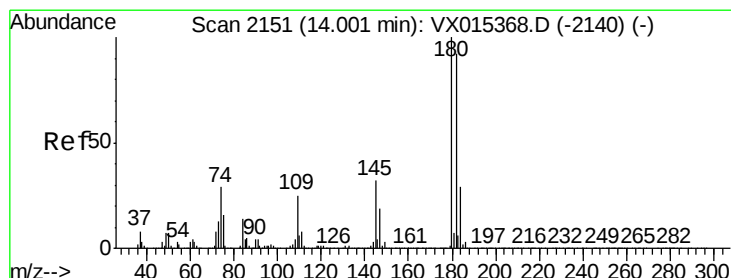
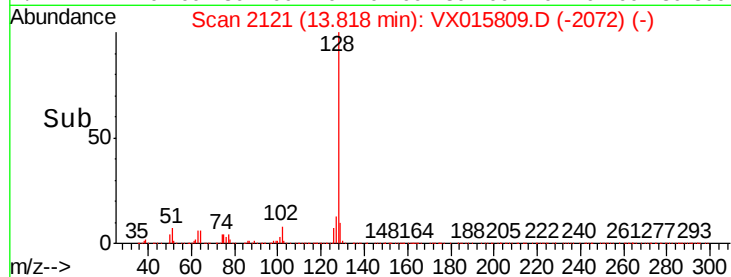
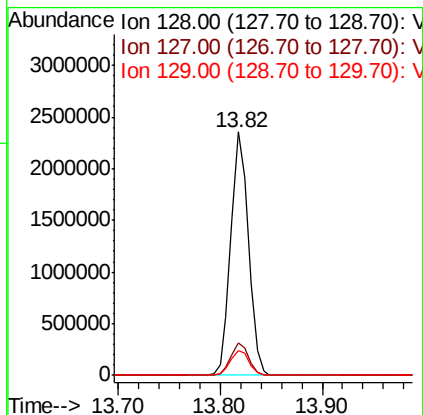
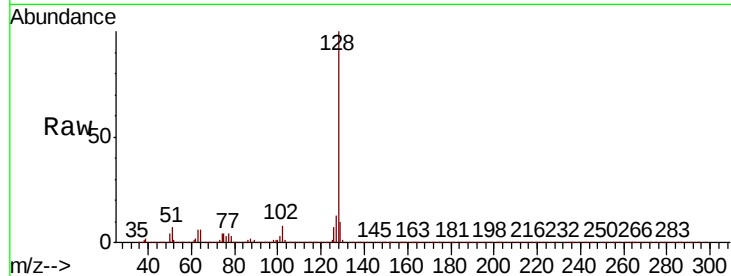




#95
Naphthalene
Concen: 53.913 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 2803144
Ion Ratio Lower Upper
128 100
127 13.5 10.6 15.8
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 56.947 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.01 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Tgt Ion:180 Resp: 934556
Ion Ratio Lower Upper
180 100
182 95.0 46.7 140.0
145 30.6 15.8 47.3

