

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090619\
 Data File : VX012143.D
 Acq On : 06 Sep 2019 12:47
 Operator : SY/SP
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 07 01:12:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	125194	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	229994	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	210068	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	102990	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	87572	50.69	ug/l	0.00
Spiked Amount			Recovery	=	101.38%	
35) Dibromofluoromethane	5.48	113	69623	49.22	ug/l	0.00
Spiked Amount			Recovery	=	98.44%	
50) Toluene-d8	8.71	98	259505	50.00	ug/l	0.00
Spiked Amount			Recovery	=	100.00%	
62) 4-Bromofluorobenzene	11.14	95	114186	47.31	ug/l	0.00
Spiked Amount			Recovery	=	94.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	57782	50.050	ug/l	96
3) Chloromethane	1.31	50	62373	52.753	ug/l	100
4) Vinyl Chloride	1.39	62	59861	53.813	ug/l	98
5) Bromomethane	1.62	94	34412	62.360	ug/l	98
6) Chloroethane	1.71	64	37692	54.505	ug/l	97
7) Trichlorofluoromethane	1.92	101	93796	54.287	ug/l	98
8) Diethyl Ether	2.17	74	32822	54.972	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.37	101	66809	52.206	ug/l #	84
10) Methyl Iodide	2.50	142	54103	42.910	ug/l	94
11) Tert butyl alcohol	3.03	59	35959	216.725	ug/l	97
12) 1,1-Dichloroethene	2.36	96	65275	52.950	ug/l	93
13) Acrolein	2.28	56	9480	224.114	ug/l	97
14) Allyl chloride	2.72	41	121144	54.309	ug/l	96
15) Acrylonitrile	3.12	53	91266	243.254	ug/l	98
16) Acetone	2.43	43	101831	246.628	ug/l	99
17) Carbon Disulfide	2.56	76	192454	53.418	ug/l	100
18) Methyl Acetate	2.76	43	48897	50.271	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	207297	51.651	ug/l	98
20) Methylene Chloride	2.84	84	83523	50.375	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	75790	52.390	ug/l	90
22) Diisopropyl ether	3.84	45	243998	53.665	ug/l	97
23) Vinyl Acetate	3.79	43	791777	269.203	ug/l	97
24) 1,1-Dichloroethane	3.68	63	141649	53.717	ug/l	99
25) 2-Butanone	4.65	43	133360	253.738	ug/l	96
26) 2,2-Dichloropropane	4.56	77	132170	54.289	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	88355	52.104	ug/l	90
28) Bromochloromethane	5.00	49	50925	48.380	ug/l #	79
29) Tetrahydrofuran	5.11	42	78372	247.494	ug/l	98
30) Chloroform	5.20	83	149195	52.729	ug/l	99
31) Cyclohexane	5.56	56	108835	51.390	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	134395	54.536	ug/l	96
36) 1,1-Dichloropropene	5.79	75	107785	53.209	ug/l	95
37) Ethyl Acetate	4.81	43	55226	50.136	ug/l	99
38) Carbon Tetrachloride	5.77	117	115447	54.086	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	117961	50.174	ug/l	91
40) Benzene	6.13	78	306983	52.789	ug/l	99
41) Methacrylonitrile	5.03	41	34632	52.720	ug/l	97
42) 1,2-Dichloroethane	6.18	62	114097	54.521	ug/l	96
43) Isopropyl Acetate	6.43	43	114610	51.170	ug/l	97
44) Trichloroethene	7.20	130	82007	52.284	ug/l	89
45) 1,2-Dichloropropane	7.50	63	78586	52.305	ug/l	99
46) Dibromomethane	7.65	93	46139	52.605	ug/l #	72
47) Bromodichloromethane	7.89	83	115958	52.013	ug/l #	97
48) Methyl methacrylate	7.76	41	57761	51.289	ug/l	94
49) 1,4-Dioxane	7.73	88	13727	894.130	ug/l	94
51) 4-Methyl-2-Pentanone	8.64	43	285256	250.390	ug/l	97
52) Toluene	8.78	92	199194	52.645	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	118154	51.191	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	133932	52.181	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	63102	50.323	ug/l	95
56) Ethyl methacrylate	9.17	69	89181	49.652	ug/l	94
57) 1,3-Dichloropropane	9.37	76	111439	51.502	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	189914	234.533	ug/l	93
59) 2-Hexanone	9.48	43	208015	250.234	ug/l	97
60) Dibromochloromethane	9.57	129	76777	51.375	ug/l	99
61) 1,2-Dibromoethane	9.67	107	61538	50.788	ug/l	99
64) Tetrachloroethene	9.33	164	67226	51.331	ug/l #	84
65) Chlorobenzene	10.14	112	213342	51.472	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	79814	52.664	ug/l	98
67) Ethyl Benzene	10.25	91	394352	52.197	ug/l	95
68) m/p-Xylenes	10.35	106	285686	102.631	ug/l	88
69) o-Xylene	10.70	106	137996	51.124	ug/l	87
70) Styrene	10.71	104	244644	52.181	ug/l	95
71) Bromoform	10.85	173	40561	48.727	ug/l #	98
73) Isopropylbenzene	11.01	105	383054	50.692	ug/l	97
74) N-amyl acetate	10.89	43	108532	48.577	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	74713	47.427	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	85360	67.833	ug/l	76
77) Bromobenzene	11.25	156	86656	51.275	ug/l	69
78) n-propylbenzene	11.35	91	466410	51.090	ug/l	94
79) 2-Chlorotoluene	11.42	91	282277	51.038	ug/l	90
80) 1,3,5-Trimethylbenzene	11.50	105	340817	51.467	ug/l	93
81) trans-1,4-Dichloro-2-buten	11.07	75	23888	44.879	ug/l	93
82) 4-Chlorotoluene	11.51	91	337629	51.217	ug/l	91
83) tert-Butylbenzene	11.77	119	315620	50.006	ug/l	89
84) 1,2,4-Trimethylbenzene	11.81	105	344071	50.554	ug/l	93
85) sec-Butylbenzene	11.94	105	387649	49.448	ug/l	94
86) p-Isopropyltoluene	12.06	119	352767	49.479	ug/l	94
87) 1,3-Dichlorobenzene	12.02	146	168962	49.893	ug/l	94
88) 1,4-Dichlorobenzene	12.09	146	169427	50.036	ug/l	94
89) n-Butylbenzene	12.38	91	341895	49.366	ug/l	96
90) Hexachloroethane	12.59	117	67632	47.509	ug/l	56
91) 1,2-Dichlorobenzene	12.38	146	152939	50.145	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	12.99	75	14755	44.759	ug/l	65

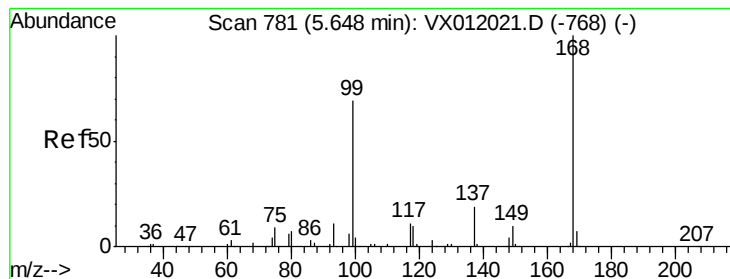
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX090619\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	98251	45.259	ug/l	96
94) Hexachlorobutadiene	13.78	225	51599	47.153	ug/l	98
95) Naphthalene	13.83	128	207054	44.070	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	87355	45.739	ug/l	94

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012143.D

Acq: 06 Sep 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

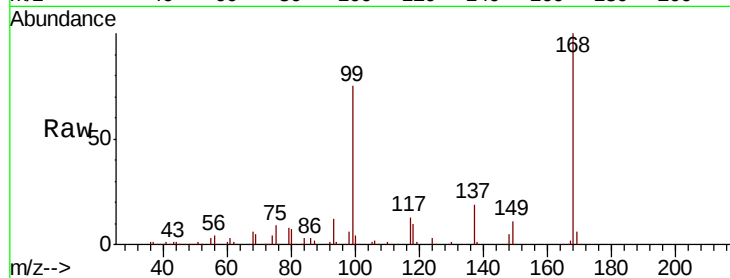
VSTDCCC050

Tgt Ion:168 Resp: 125194

Ion Ratio Lower Upper

168 100

99 74.6 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

40000

30000

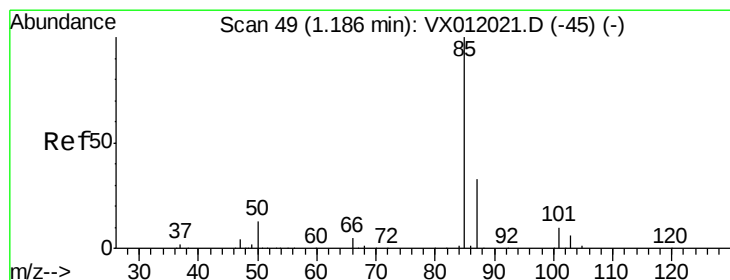
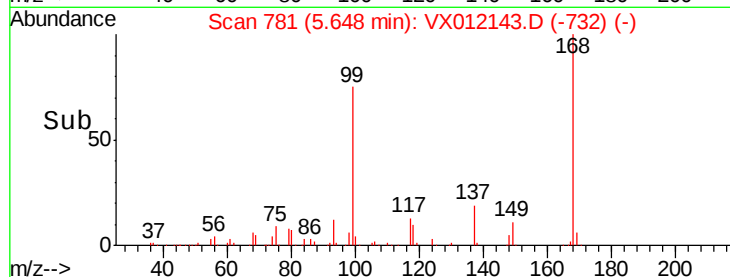
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 50.050 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012143.D

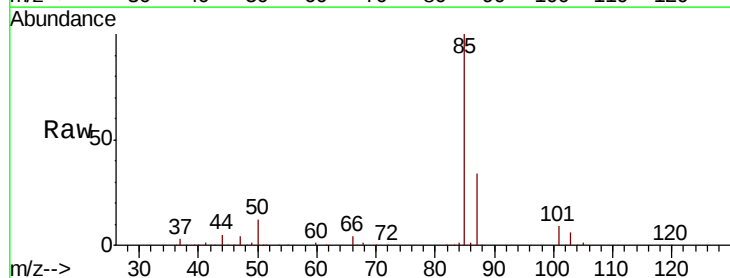
Acq: 06 Sep 2019 12:47

Tgt Ion: 85 Resp: 57782

Ion Ratio Lower Upper

85 100

87 33.6 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

60000

50000

40000

30000

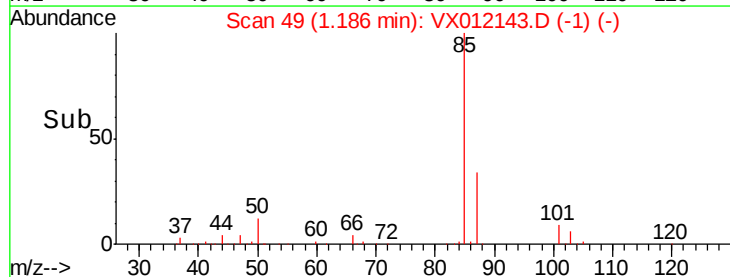
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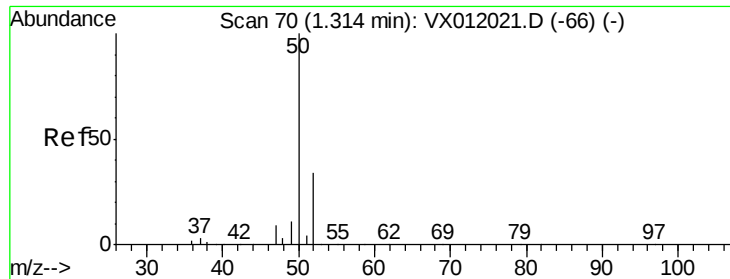
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0

Time-->

1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 52.753 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012143.D

Acq: 06 Sep 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

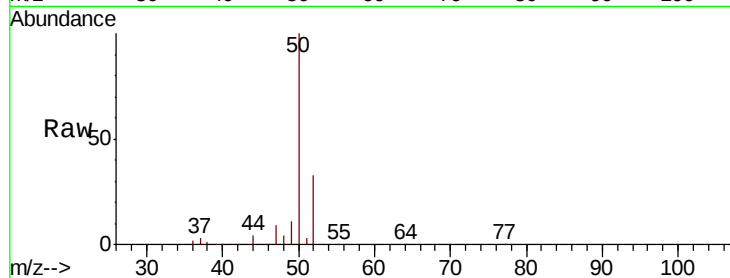
VSTDCCC050

Tgt Ion: 50 Resp: 62373

Ion Ratio Lower Upper

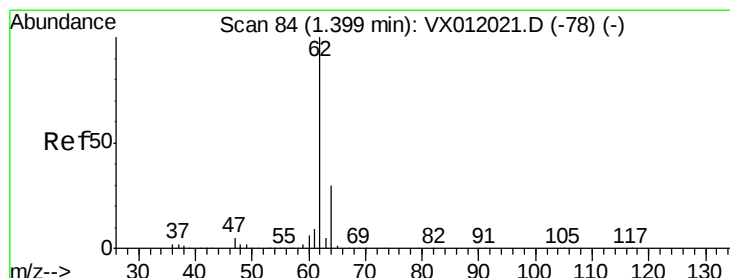
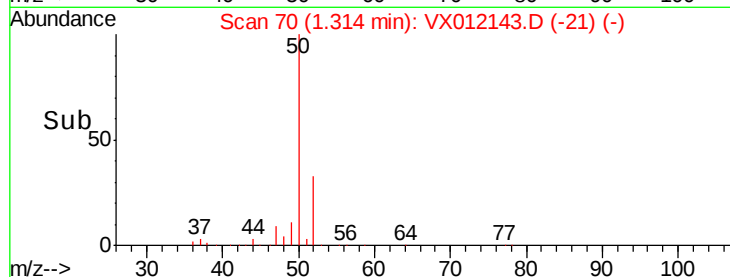
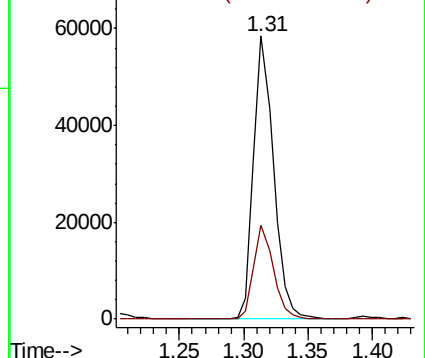
50 100

52 33.3 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 53.813 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX012143.D

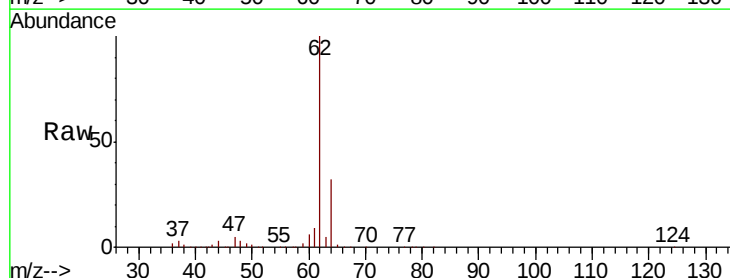
Acq: 06 Sep 2019 12:47

Tgt Ion: 62 Resp: 59861

Ion Ratio Lower Upper

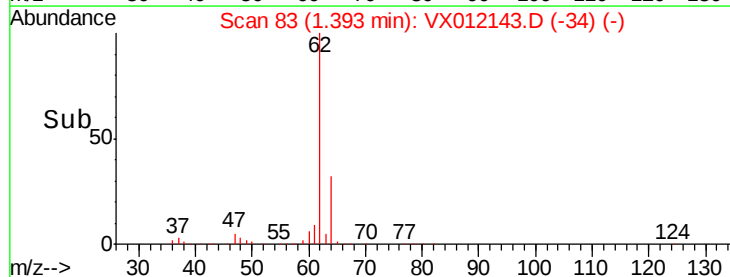
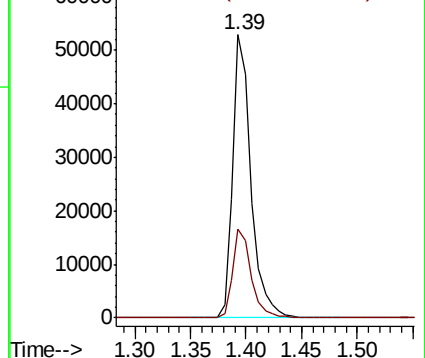
62 100

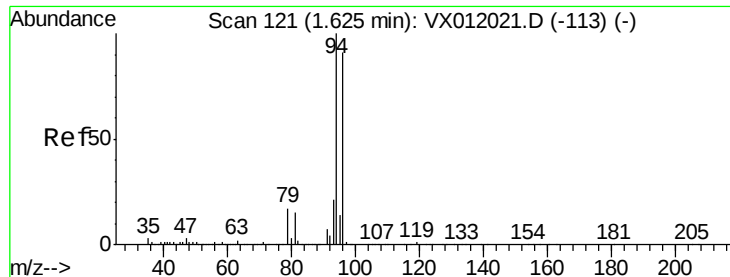
64 31.4 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 62.360 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX012143.D

Acq: 06 Sep 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

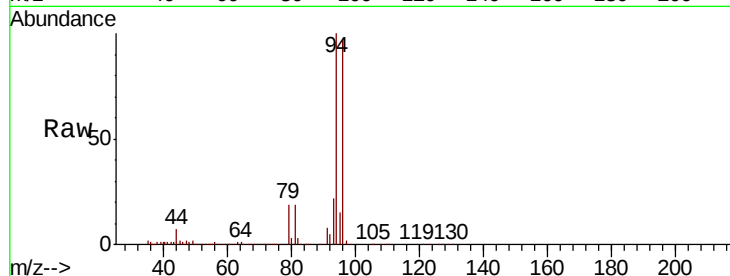
VSTDCCC050

Tgt Ion: 94 Resp: 34412

Ion Ratio Lower Upper

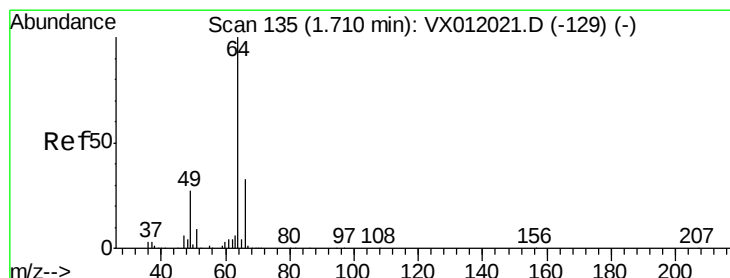
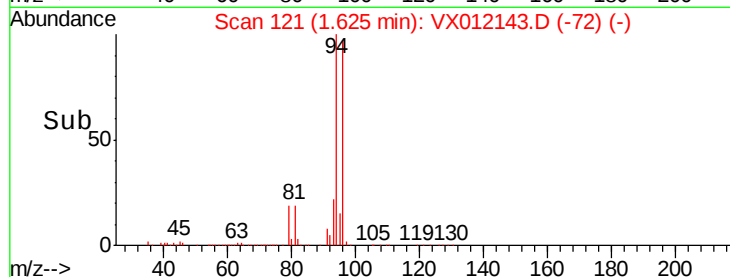
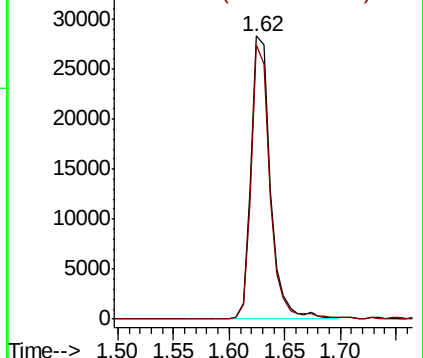
94 100

96 97.1 76.3 114.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 54.505 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX012143.D

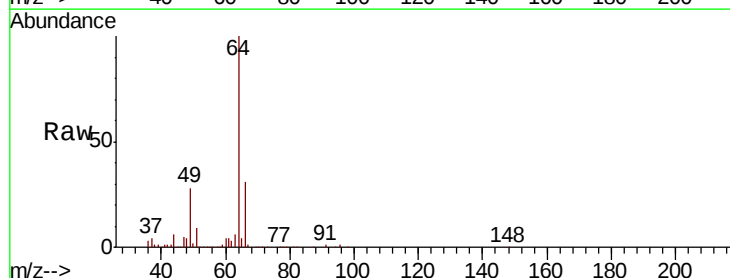
Acq: 06 Sep 2019 12:47

Tgt Ion: 64 Resp: 37692

Ion Ratio Lower Upper

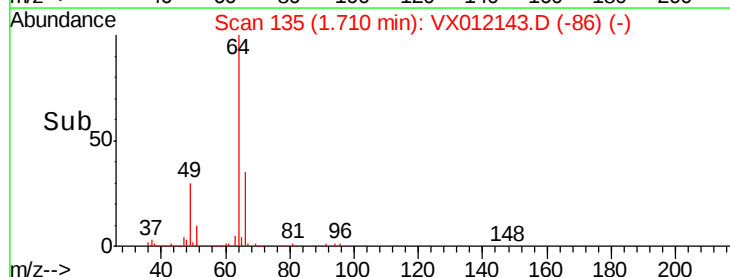
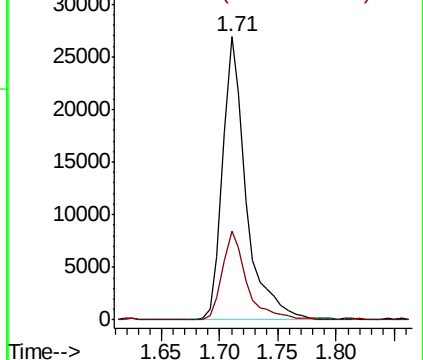
64 100

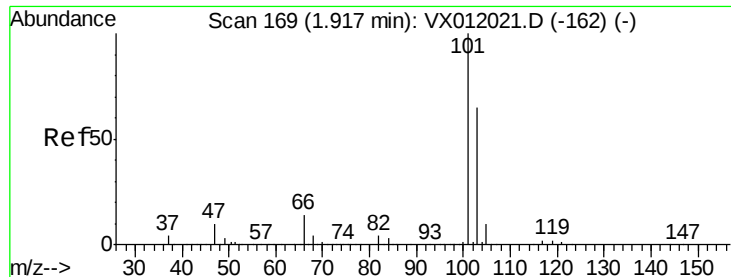
66 31.2 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



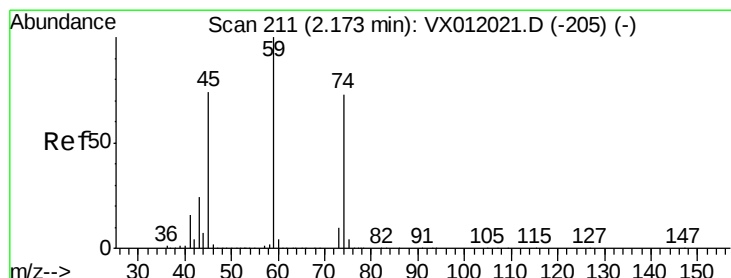
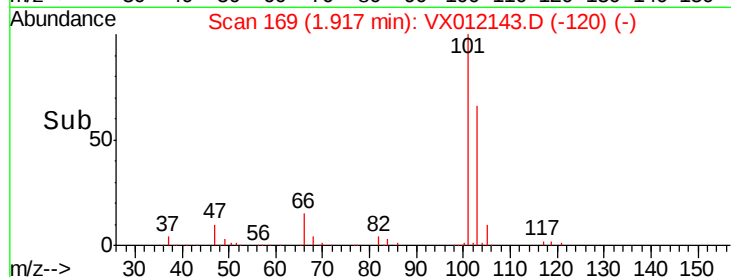
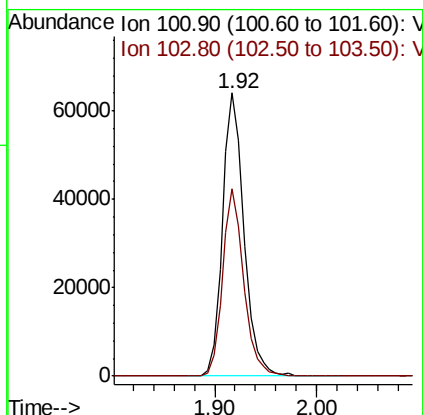
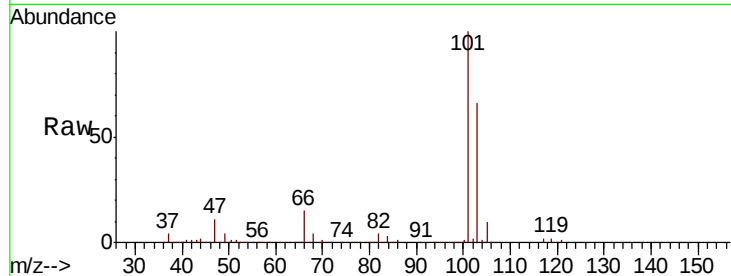


#7

Trichlorofluoromethane
 Concen: 54.287 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX012143.D
 Acq: 06 Sep 2019 12:47

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 VSTDCCC050

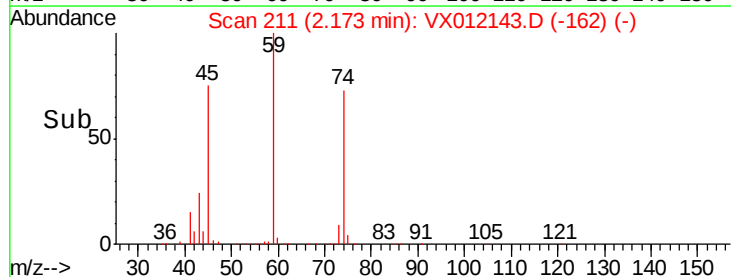
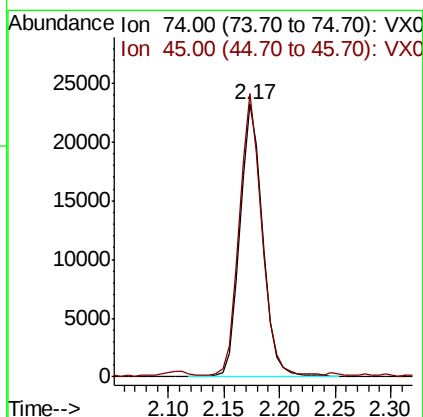
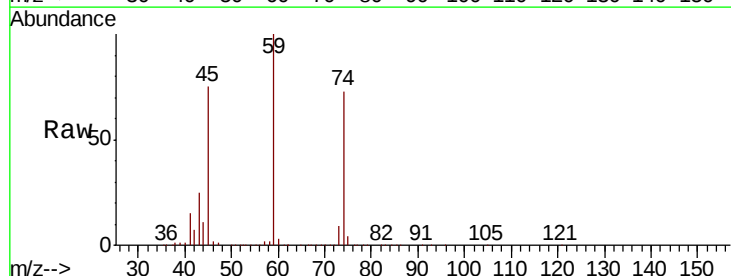
Tgt Ion: 101 Resp: 93796
 Ion Ratio Lower Upper
 101 100
 103 66.0 51.6 77.4

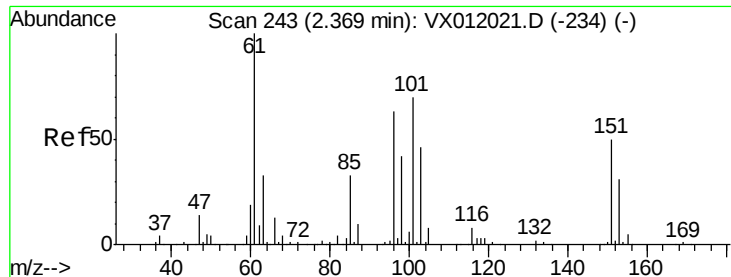


#8

Diethyl Ether
 Concen: 54.972 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. -0.00 min
 Lab File: VX012143.D
 Acq: 06 Sep 2019 12:47

Tgt Ion: 74 Resp: 32822
 Ion Ratio Lower Upper
 74 100
 45 102.1 45.9 137.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.206 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012143.D

Acq: 06 Sep 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

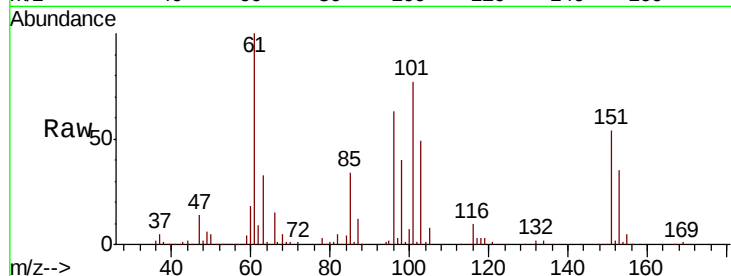
Tgt Ion:101 Resp: 66809

Ion Ratio Lower Upper

101 100

85 46.6 34.5 51.7

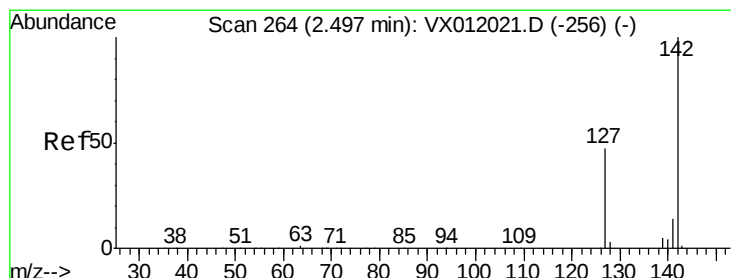
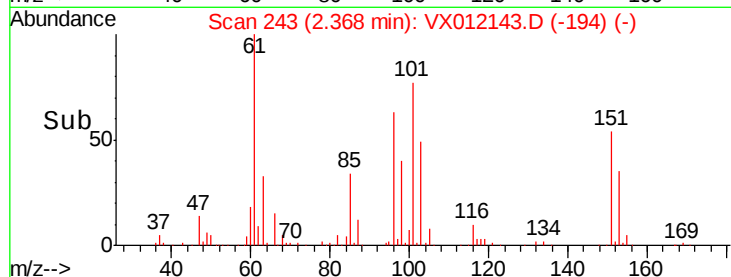
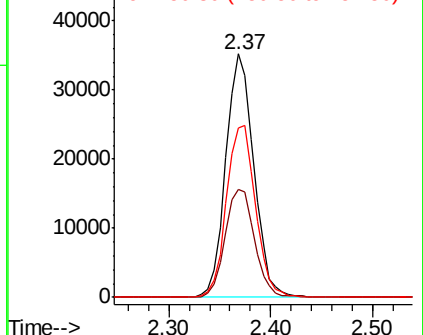
151 73.1 75.0 112.4#



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: 42.910 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012143.D

Acq: 06 Sep 2019 12:47

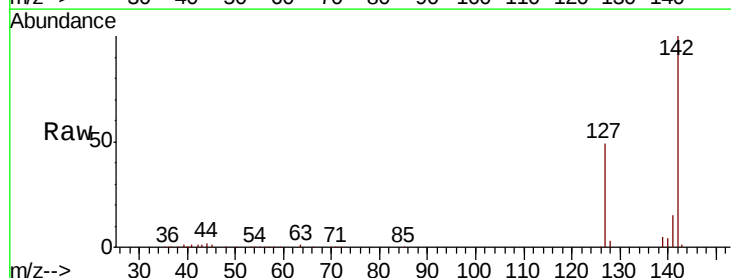
Tgt Ion:142 Resp: 54103

Ion Ratio Lower Upper

142 100

127 49.6 35.4 53.2

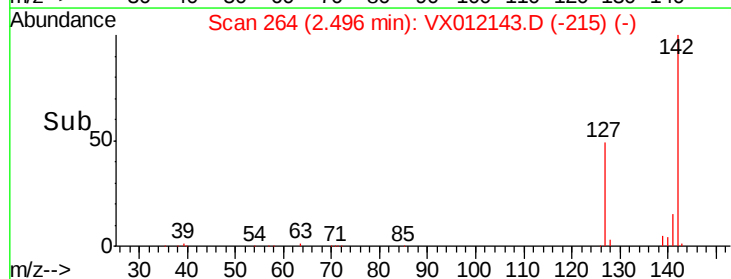
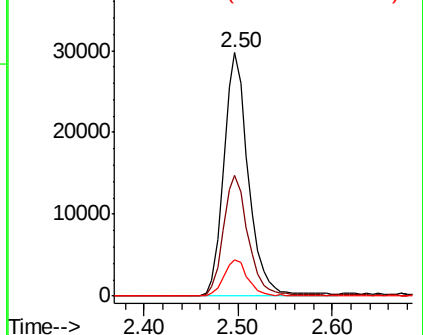
141 14.6 11.4 17.2

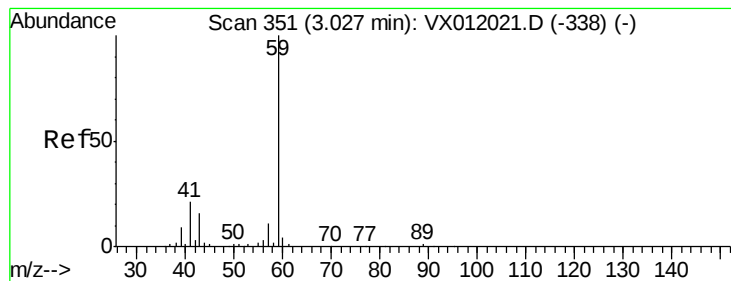


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



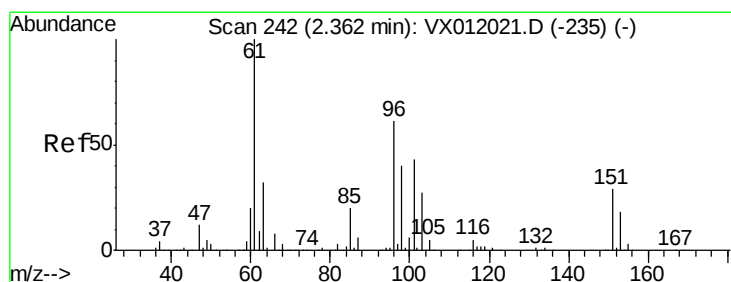
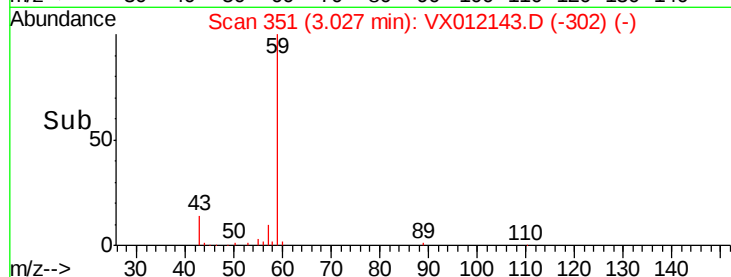
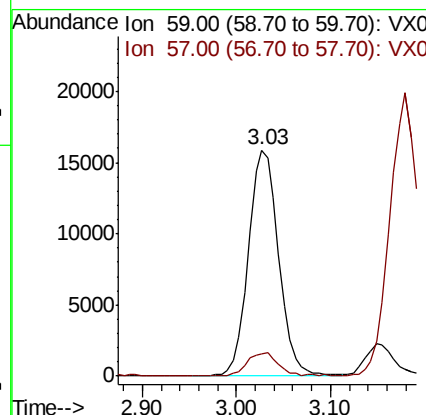
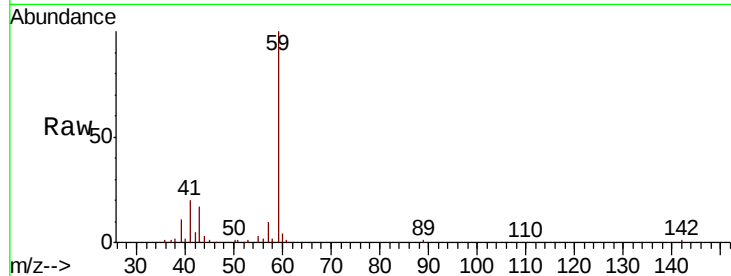


#11

Tert butyl alcohol
 Concen: 216.725 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VX012143.D
 Acq: 06 Sep 2019 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

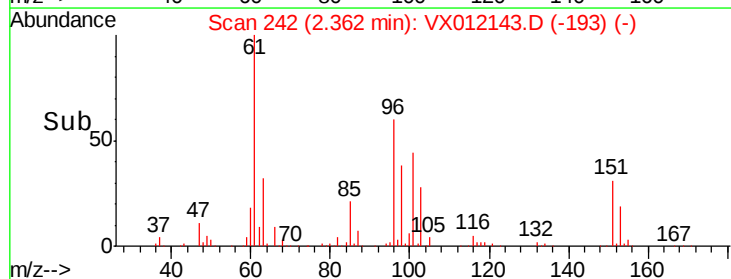
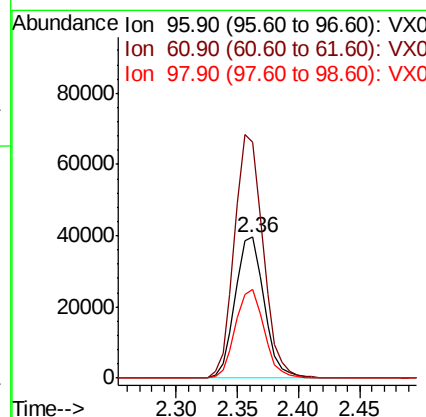
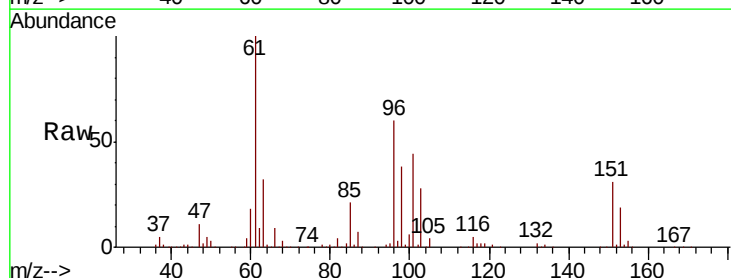
Tgt Ion: 59 Resp: 35959
 Ion Ratio Lower Upper
 59 100
 57 10.9 7.9 11.9

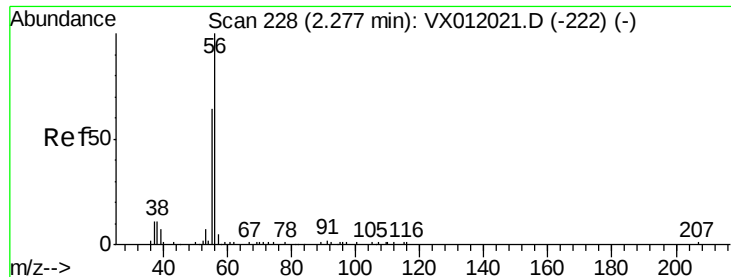


#12

1,1-Dichloroethene
 Concen: 52.950 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.00 min
 Lab File: VX012143.D
 Acq: 06 Sep 2019 12:47

Tgt Ion: 96 Resp: 65275
 Ion Ratio Lower Upper
 96 100
 61 167.9 124.1 186.1
 98 63.1 50.2 75.2





#13

Acrolein

Concen: 224.114 ug/l

RT: 2.28 min Scan# 228

Delta R.T. -0.00 min

Lab File: VX012143.D

Acq: 06 Sep 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

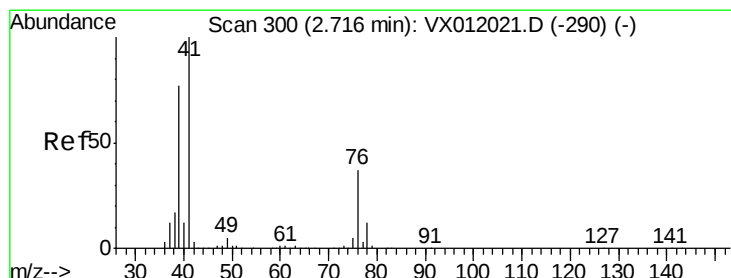
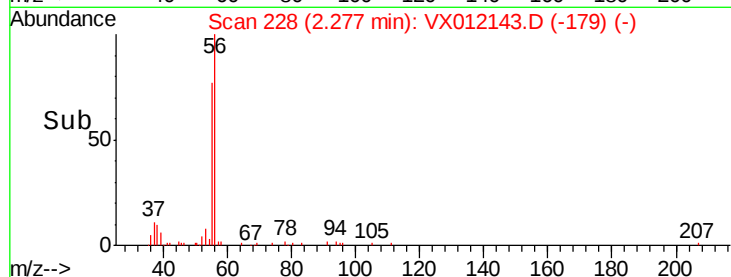
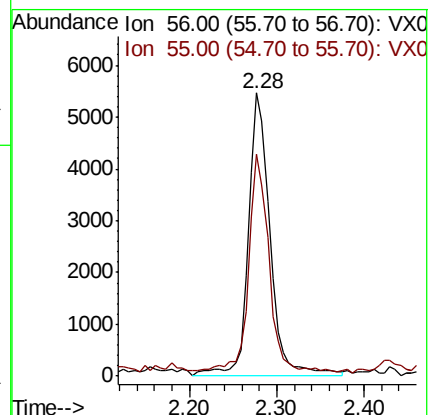
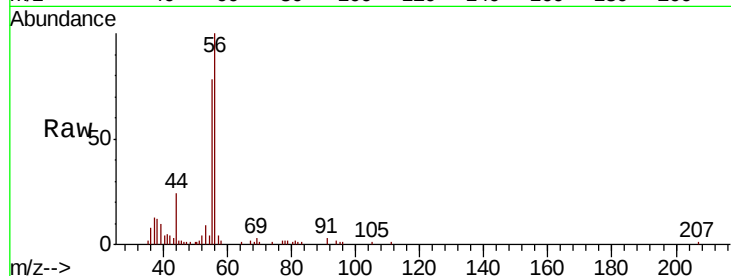
VSTDCCC050

Tgt Ion: 56 Resp: 9480

Ion Ratio Lower Upper

56 100

55 71.8 59.2 88.8



#14

Allyl chloride

Concen: 54.309 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012143.D

Acq: 06 Sep 2019 12:47

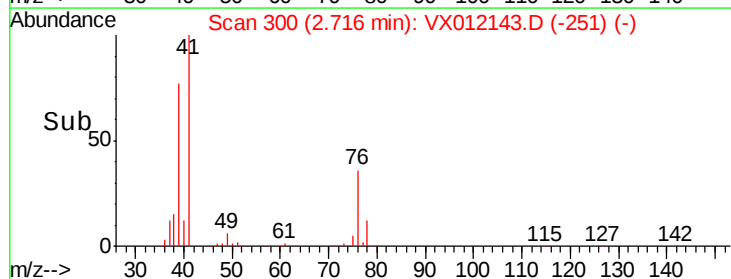
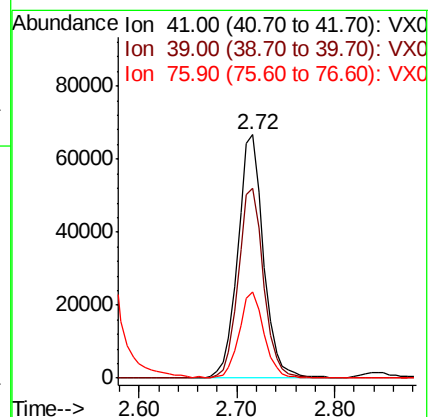
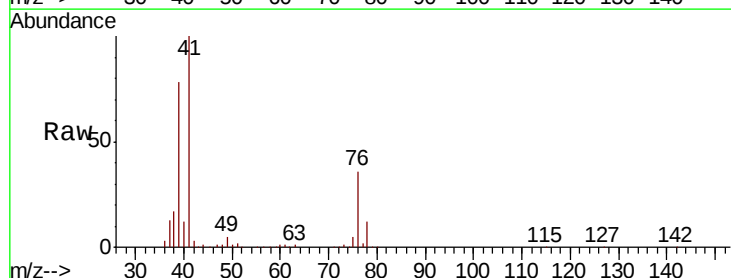
Tgt Ion: 41 Resp: 121144

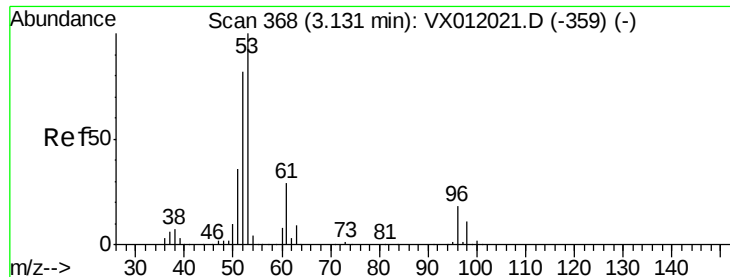
Ion Ratio Lower Upper

41 100

39 77.0 57.9 86.9

76 34.5 28.5 42.7





#15

Acrylonitrile

Concen: 243.254 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.00 min

Lab File: VX012143.D

Acq: 06 Sep 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

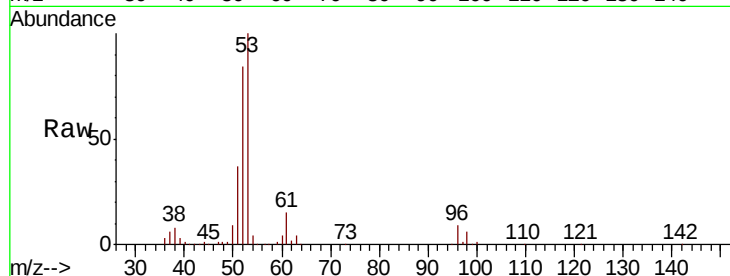
Tgt Ion: 53 Resp: 91266

Ion Ratio Lower Upper

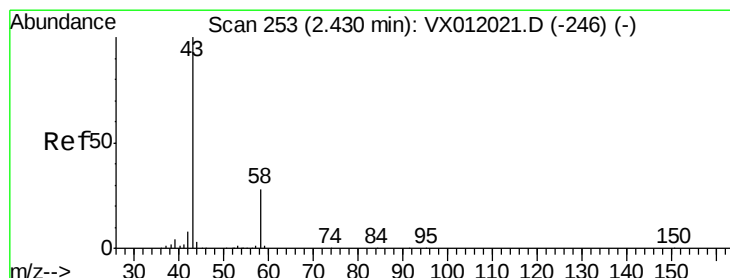
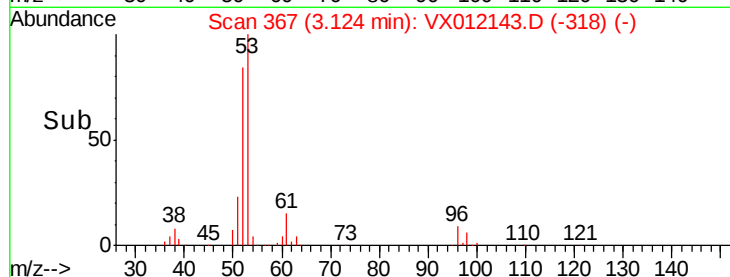
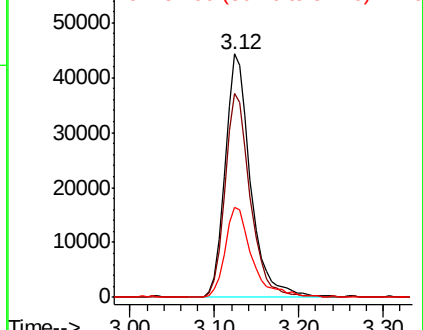
53 100

52 83.4 65.6 98.4

51 39.1 29.8 44.6



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 246.628 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012143.D

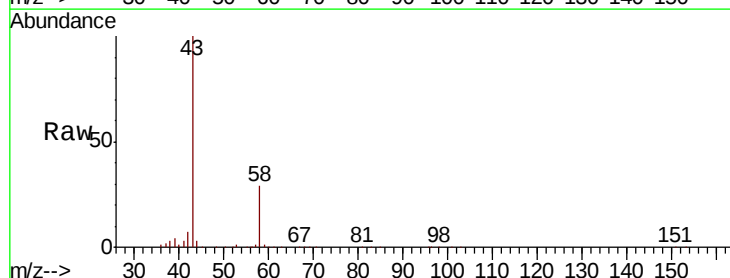
Acq: 06 Sep 2019 12:47

Tgt Ion: 43 Resp: 101831

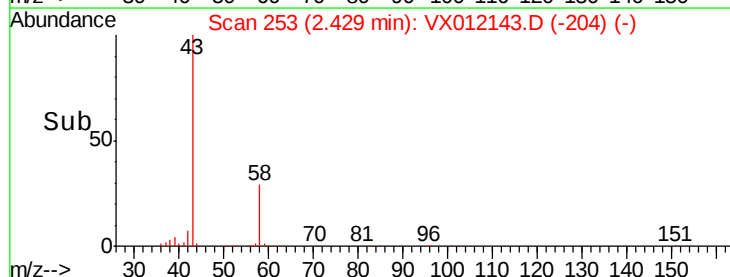
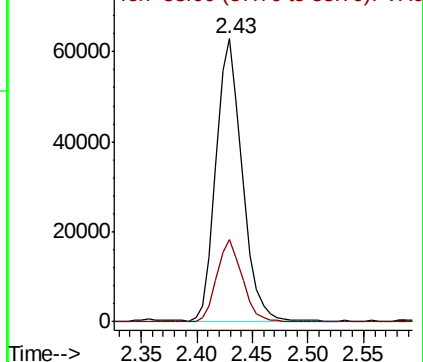
Ion Ratio Lower Upper

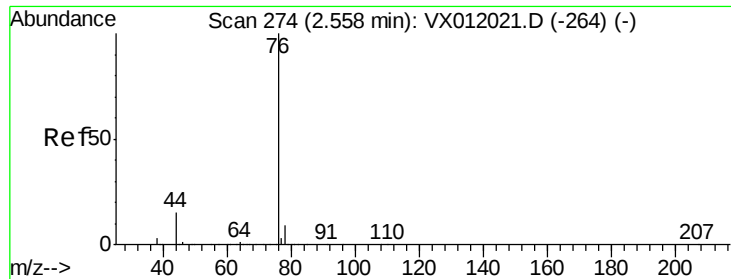
43 100

58 29.2 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

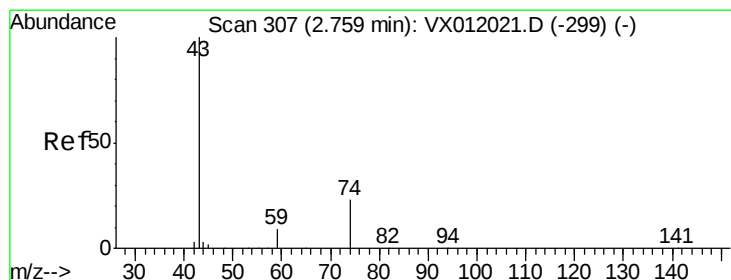
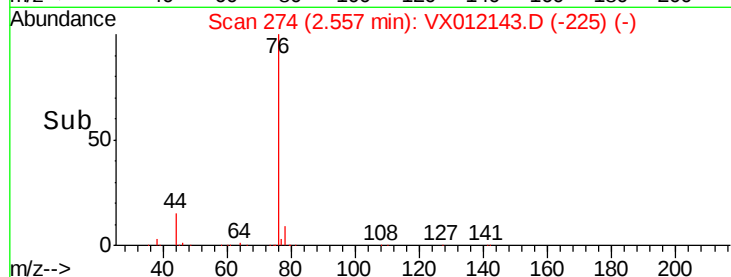
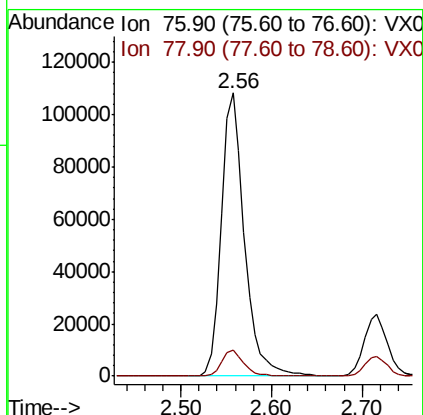
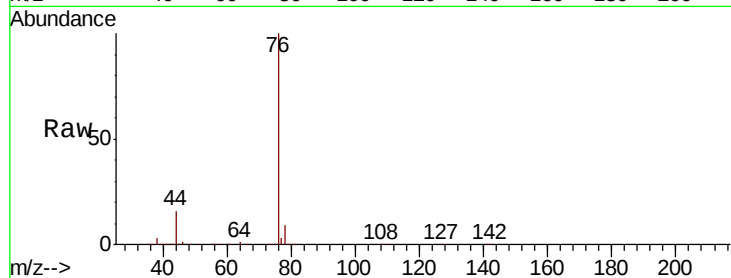




#17
Carbon Disulfide
Concen: 53.418 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.00 min
Lab File: VX012143.D
Acq: 06 Sep 2019 12:47

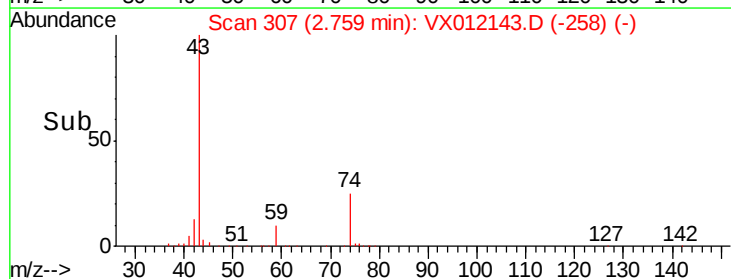
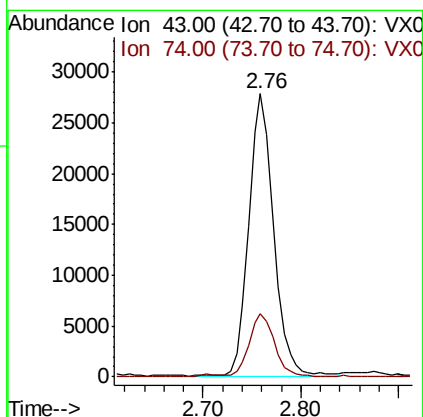
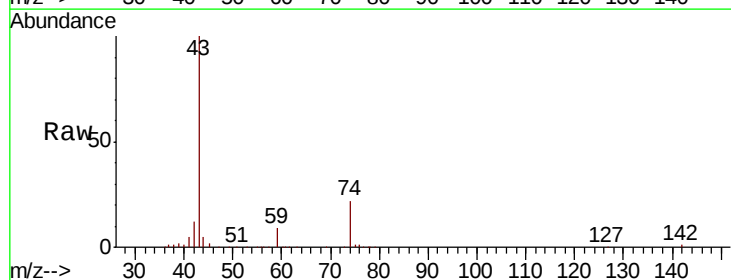
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

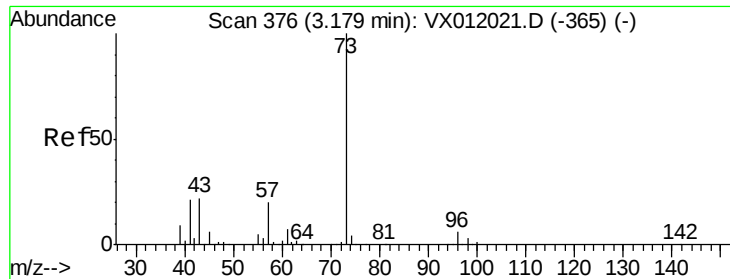
Tgt Ion: 76 Resp: 192454
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2



#18
Methyl Acetate
Concen: 50.271 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.00 min
Lab File: VX012143.D
Acq: 06 Sep 2019 12:47

Tgt Ion: 43 Resp: 48897
Ion Ratio Lower Upper
43 100
74 22.9 19.5 29.3

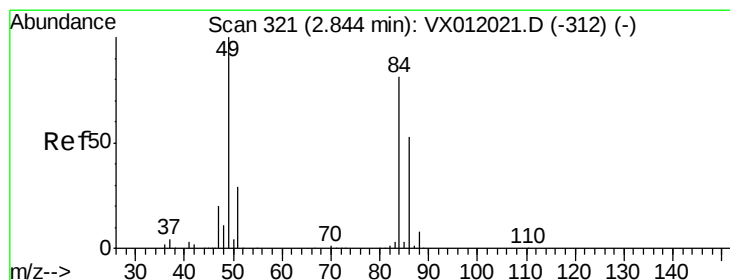
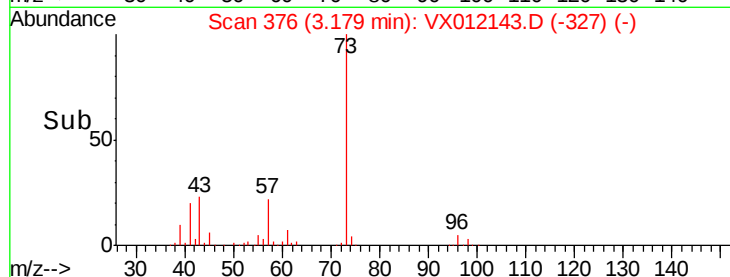
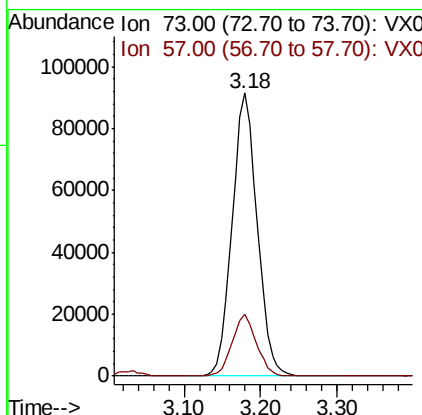
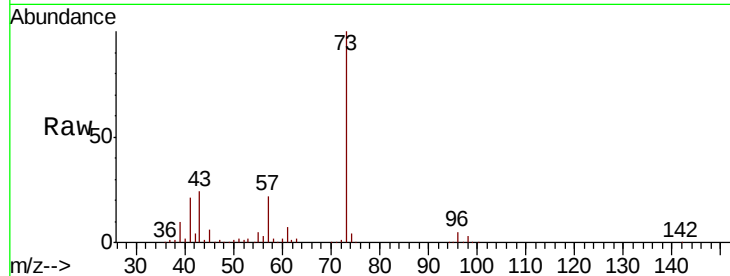




#19
Methyl tert-butyl Ether
Concen: 51.651 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX012143.D
Acq: 06 Sep 2019 12:47

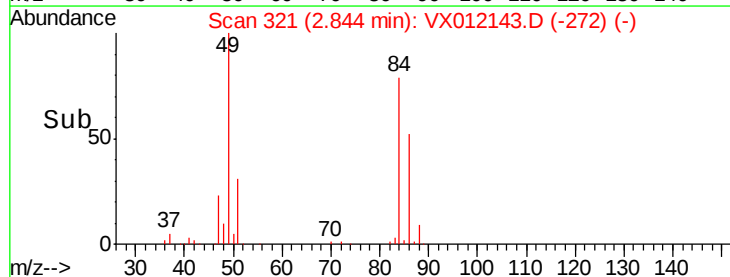
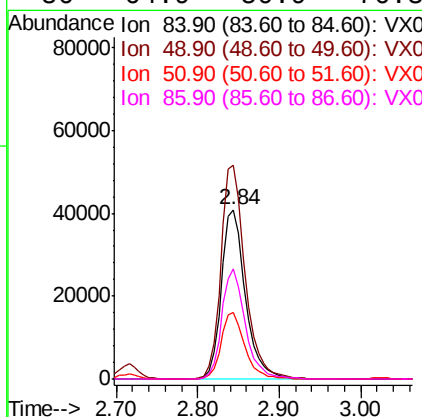
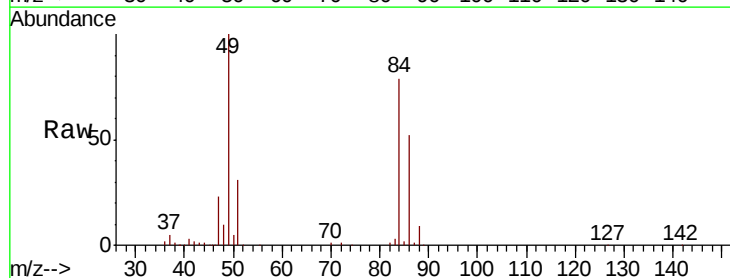
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

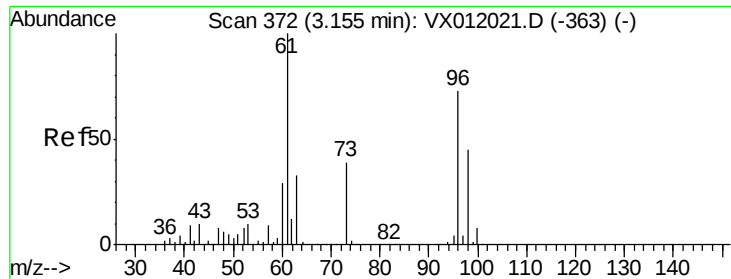
Tgt Ion: 73 Resp: 207297
Ion Ratio Lower Upper
73 100
57 21.6 16.6 25.0



#20
Methylene Chloride
Concen: 50.375 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012143.D
Acq: 06 Sep 2019 12:47

Tgt Ion: 84 Resp: 83523
Ion Ratio Lower Upper
84 100
49 125.8 95.8 143.8
51 39.3 28.6 43.0
86 64.9 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 52.390 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012143.D

Acq: 06 Sep 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

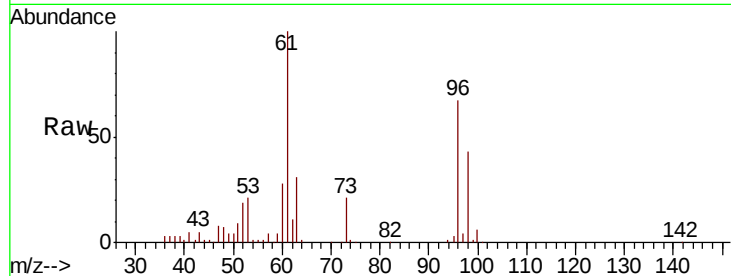
Tgt Ion: 96 Resp: 75790

Ion Ratio Lower Upper

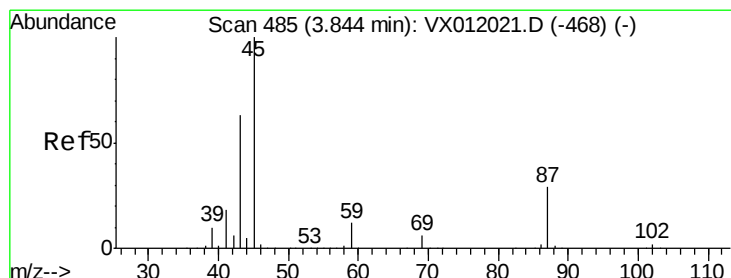
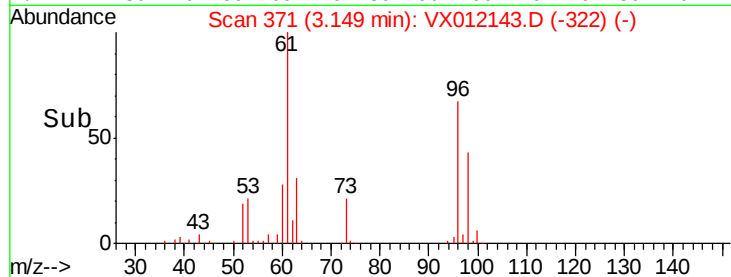
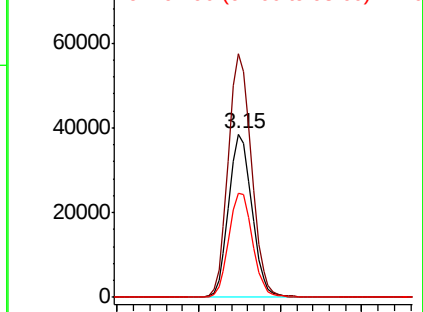
96 100

61 149.4 107.0 160.6

98 63.8 49.8 74.6



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



#22

Diisopropyl ether

Concen: 53.665 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.00 min

Lab File: VX012143.D

Acq: 06 Sep 2019 12:47

Tgt Ion: 45 Resp: 243998

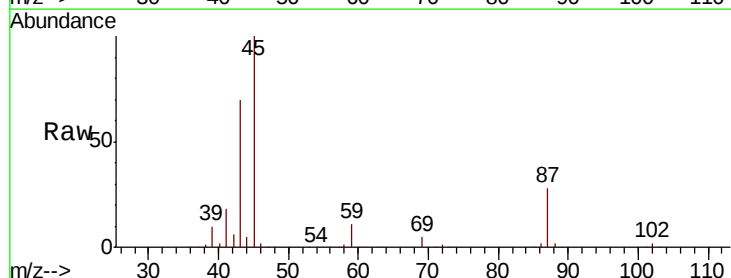
Ion Ratio Lower Upper

45 100

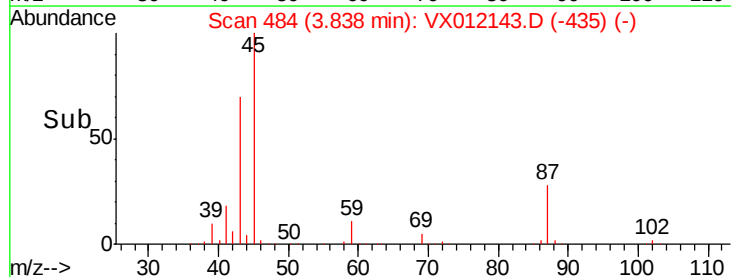
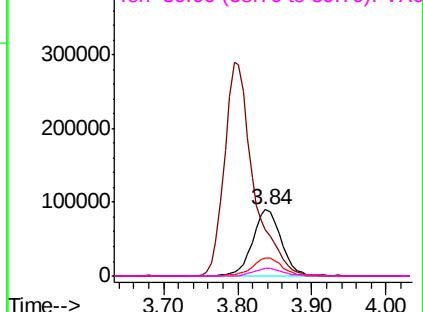
43 70.0 54.2 81.4

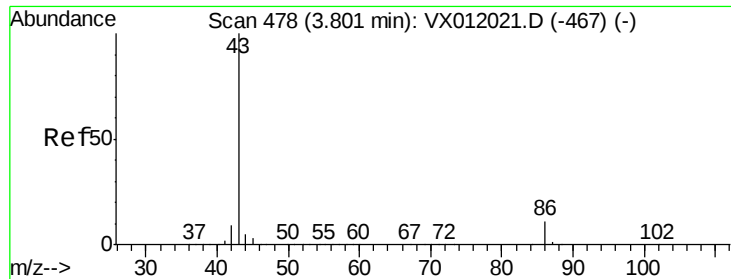
87 27.7 23.4 35.0

59 10.9 9.0 13.6



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: 269.203 ug/l

RT: 3.79 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX012143.D

Acq: 06 Sep 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

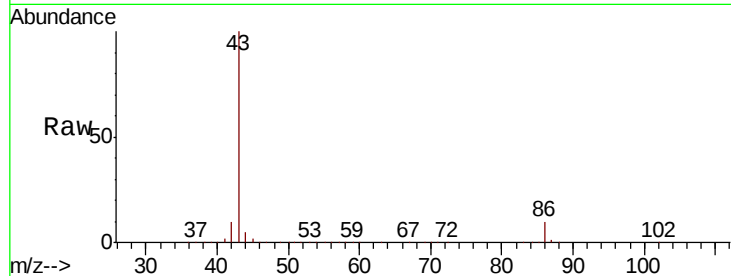
VSTDCCC050

Tgt Ion: 43 Resp: 791777

Ion Ratio Lower Upper

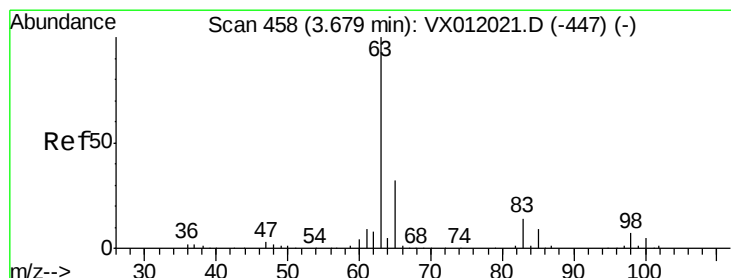
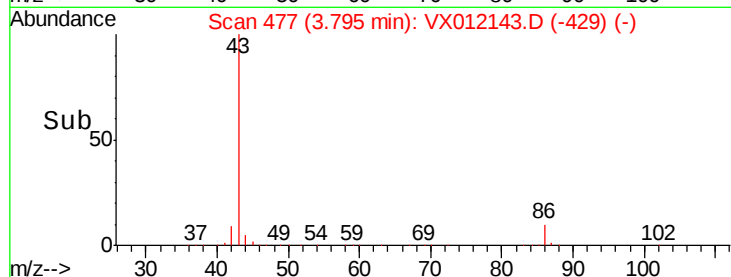
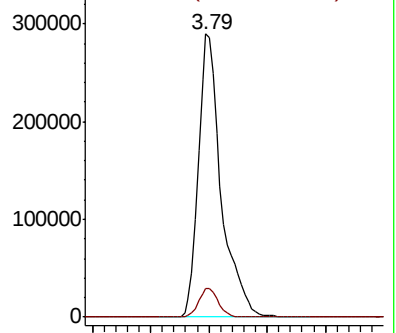
43 100

86 10.3 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 53.717 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.00 min

Lab File: VX012143.D

Acq: 06 Sep 2019 12:47

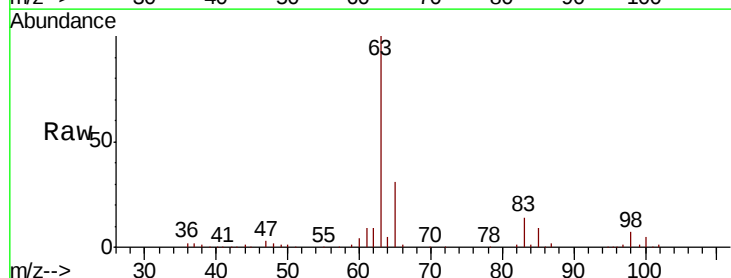
Tgt Ion: 63 Resp: 141649

Ion Ratio Lower Upper

63 100

98 7.2 3.9 11.7

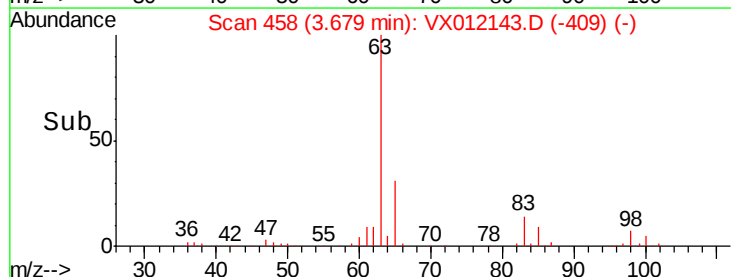
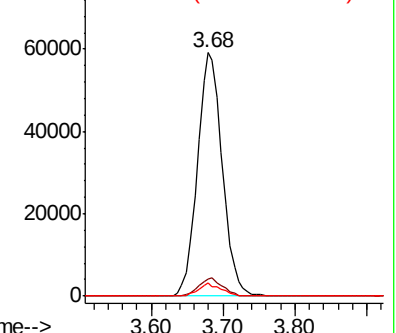
100 5.2 2.5 7.4

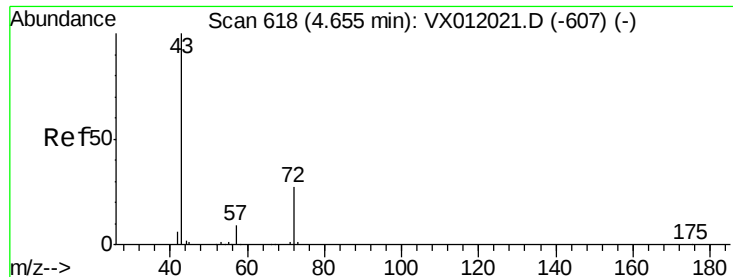


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 253.738 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX012143.D

Acq: 06 Sep 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

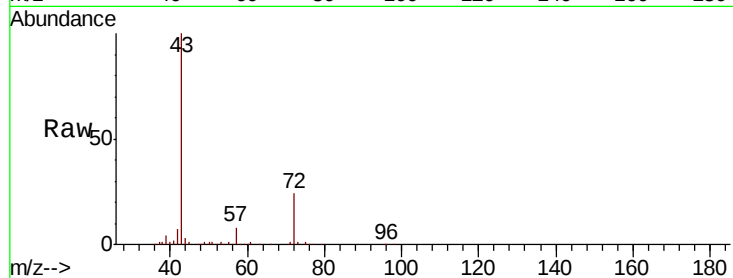
VSTDCCC050

Tgt Ion: 43 Resp: 133360

Ion Ratio Lower Upper

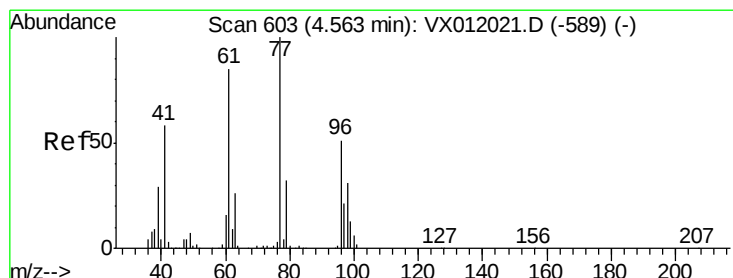
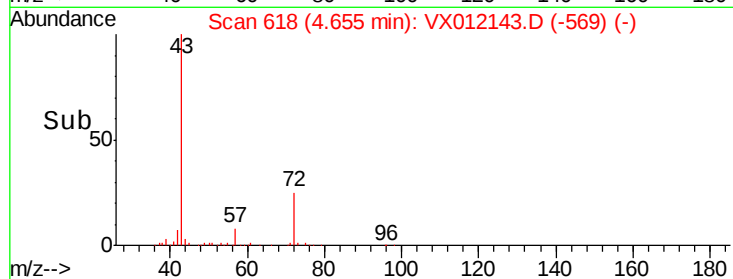
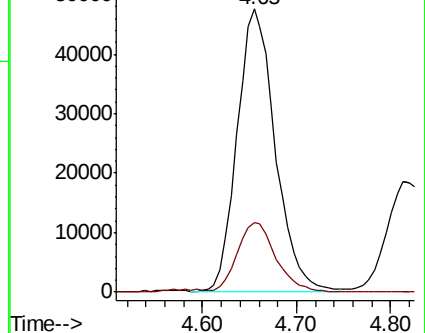
43 100

72 24.3 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 54.289 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX012143.D

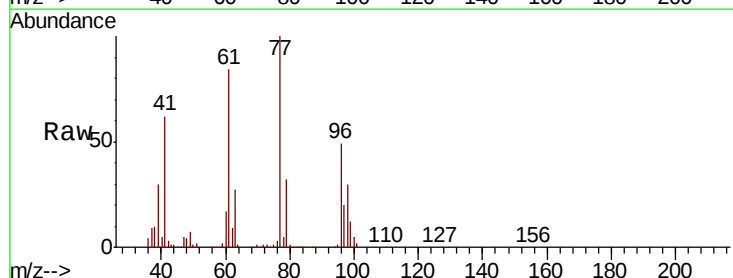
Acq: 06 Sep 2019 12:47

Tgt Ion: 77 Resp: 132170

Ion Ratio Lower Upper

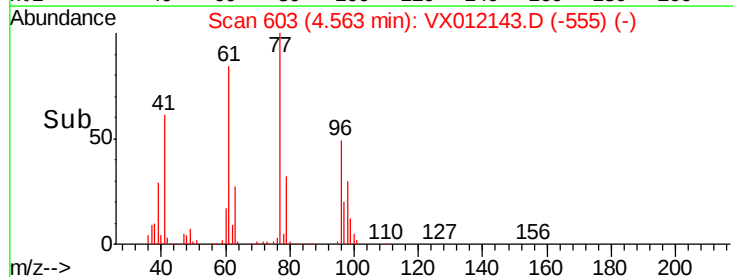
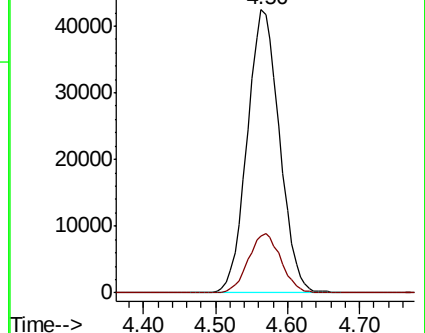
77 100

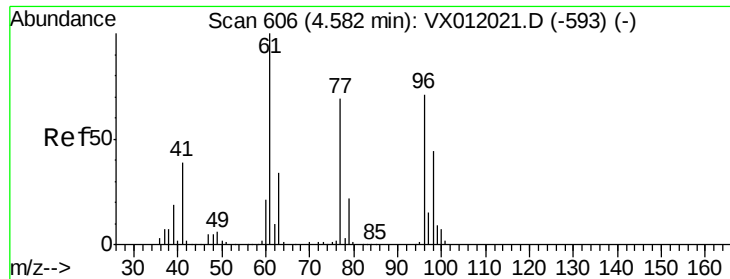
97 21.3 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



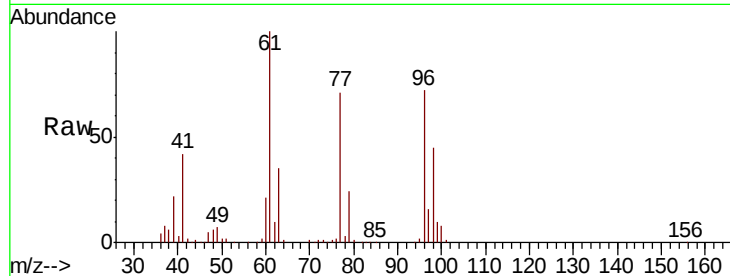


#27

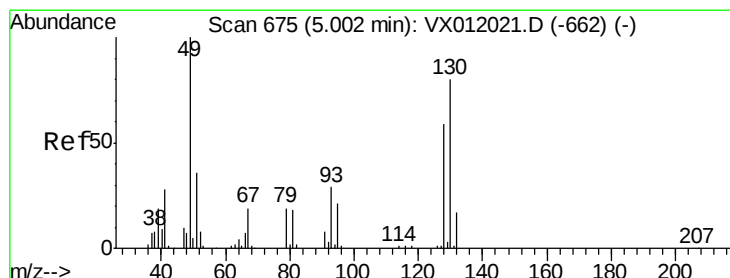
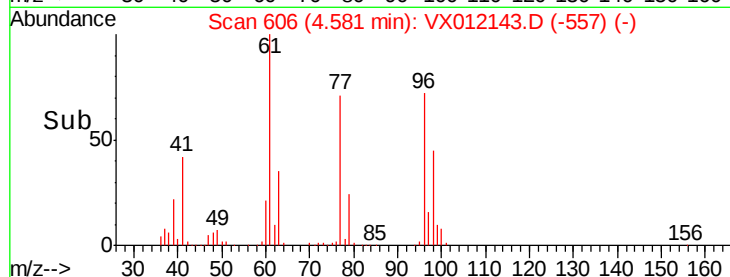
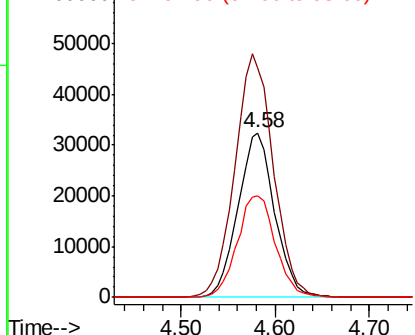
cis-1,2-Dichloroethene
 Concen: 52.104 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VX012143.D
 Acq: 06 Sep 2019 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 88355
 Ion Ratio Lower Upper
 96 100
 61 155.1 0.0 277.0
 98 64.7 0.0 128.4



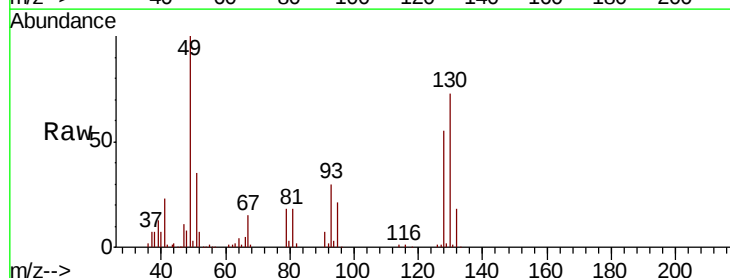
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



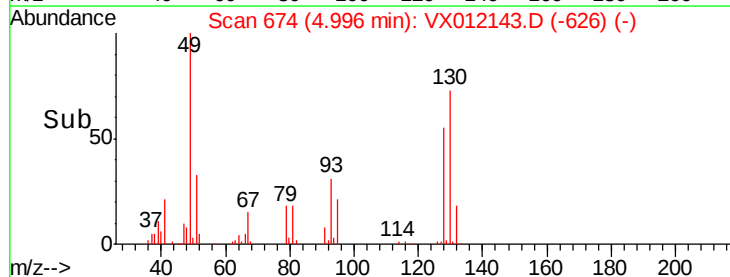
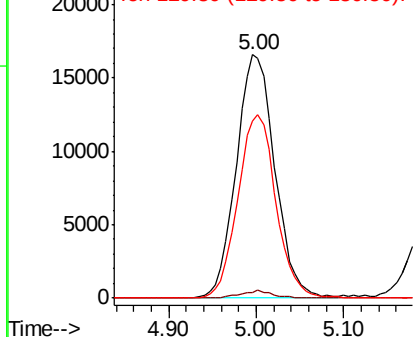
#28

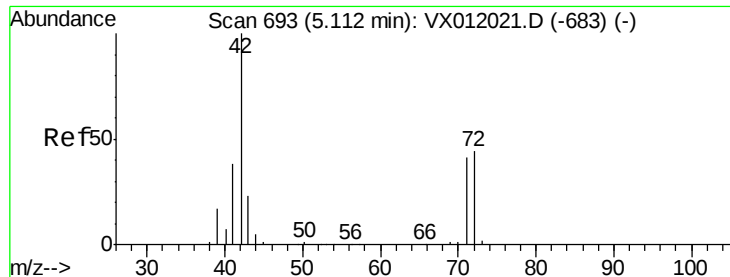
Bromochloromethane
 Concen: 48.380 ug/l
 RT: 5.00 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: VX012143.D
 Acq: 06 Sep 2019 12:47

Tgt Ion: 49 Resp: 50925
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 5.6
 130 74.6 76.7 115.1#



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

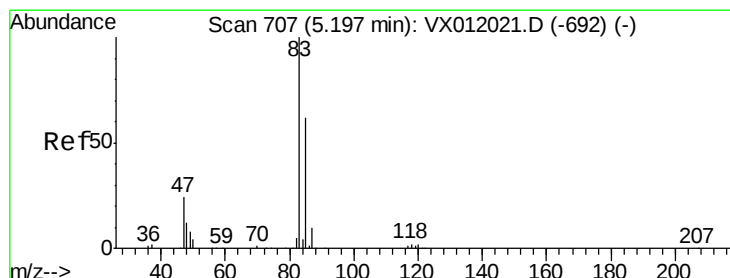
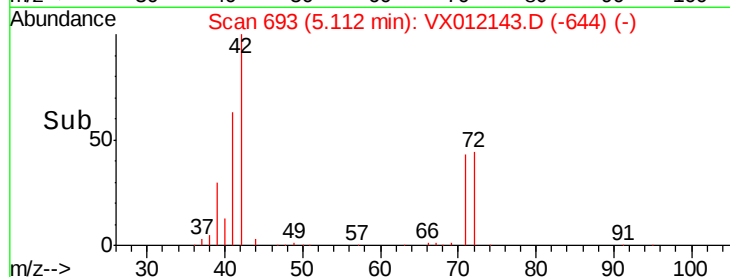
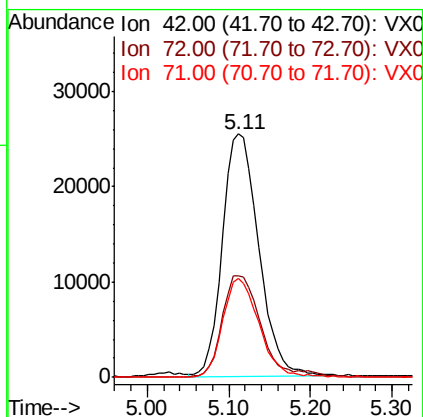
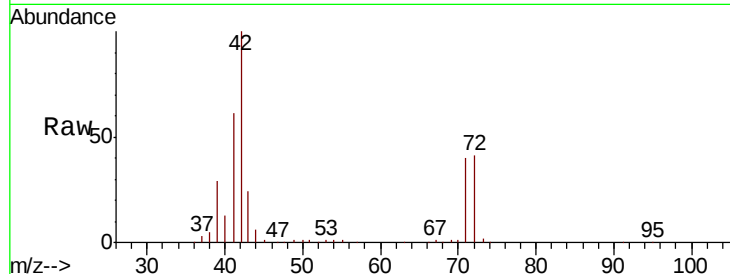




#29
Tetrahydrofuran
Concen: 247.494 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX012143.D
Acq: 06 Sep 2019 12:47

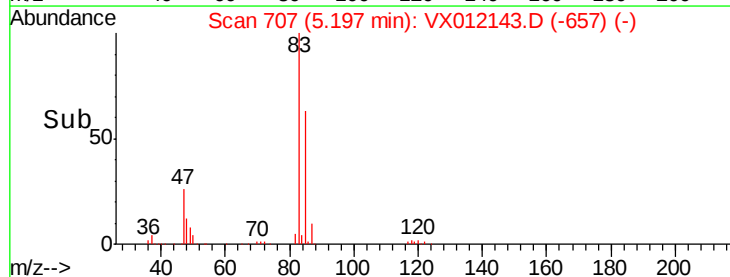
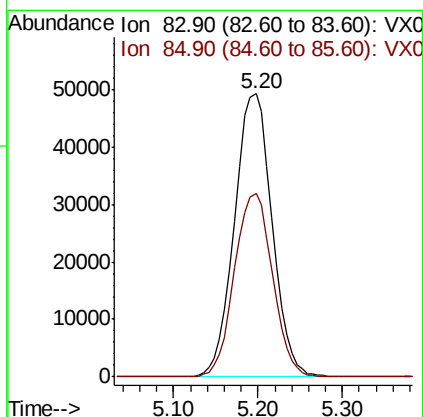
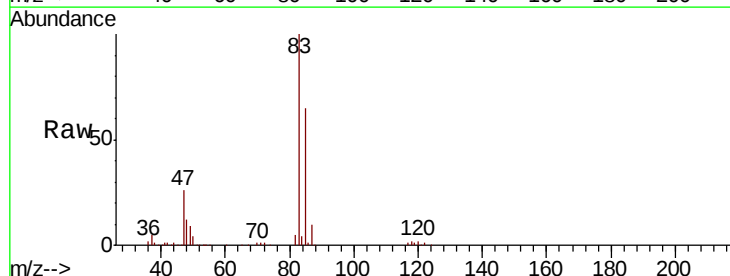
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

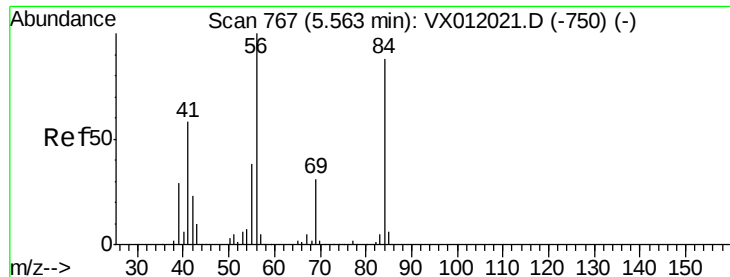
Tgt Ion: 42 Resp: 78372
Ion Ratio Lower Upper
42 100
72 45.4 37.0 55.4
71 41.0 33.8 50.8



#30
Chloroform
Concen: 52.729 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.01 min
Lab File: VX012143.D
Acq: 06 Sep 2019 12:47

Tgt Ion: 83 Resp: 149195
Ion Ratio Lower Upper
83 100
85 64.8 52.6 78.8

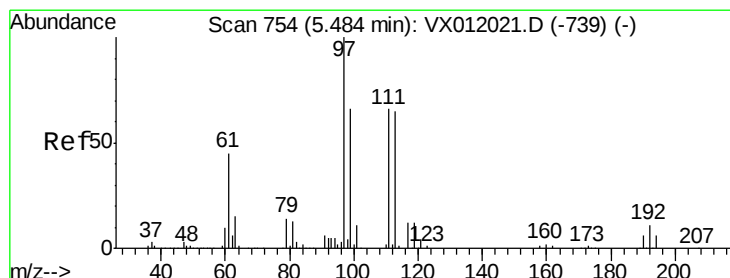
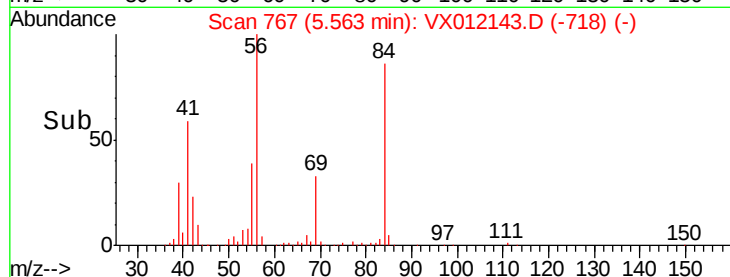
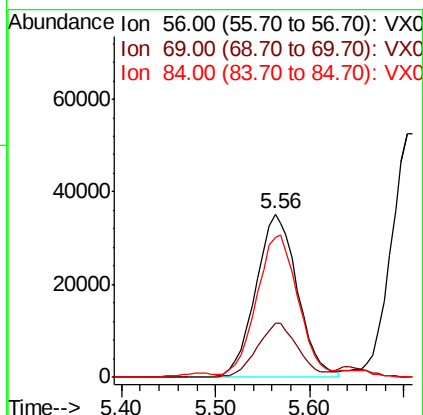
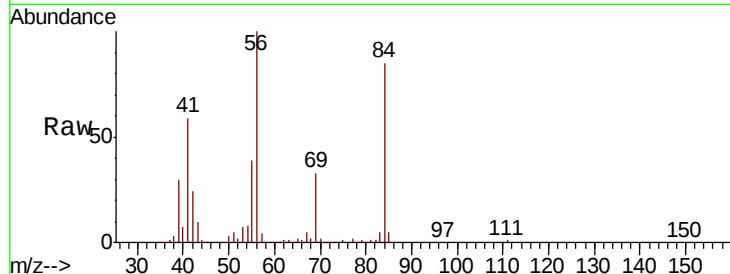




#31
Cyclohexane
Concen: 51.390 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.00 min
Lab File: VX012143.D
Acq: 06 Sep 2019 12:47

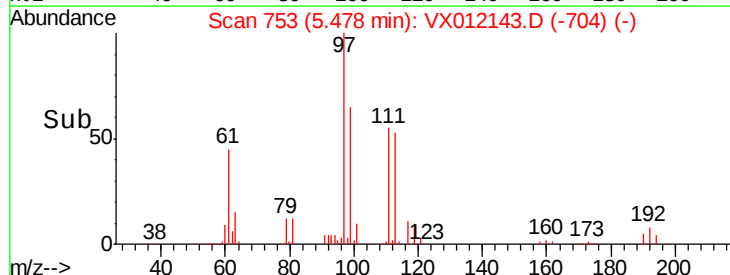
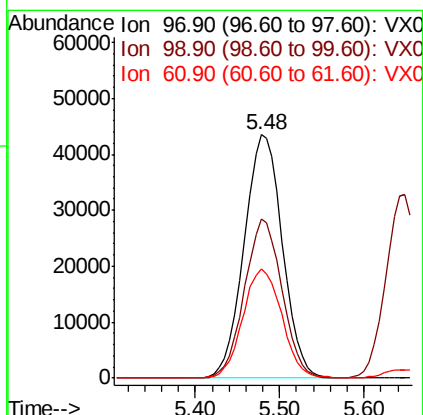
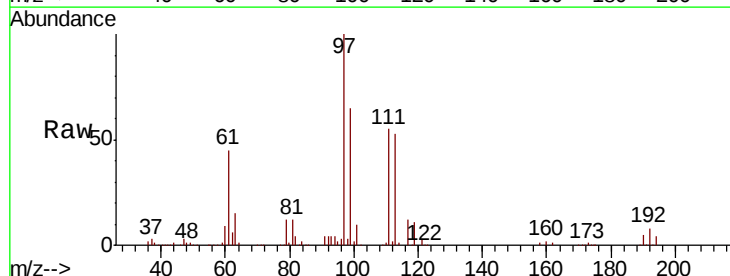
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

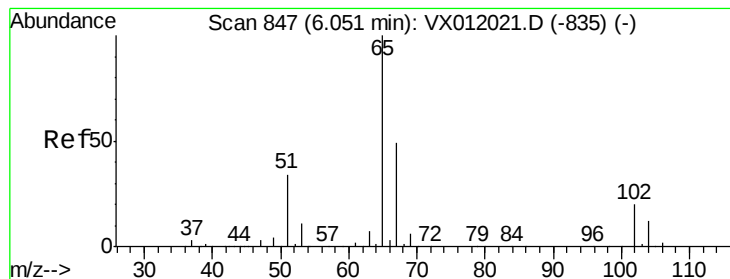
Tgt Ion: 56 Resp: 108835
Ion Ratio Lower Upper
56 100
69 33.2 25.7 38.5
84 83.5 70.3 105.5



#32
1,1,1-Trichloroethane
Concen: 54.536 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX012143.D
Acq: 06 Sep 2019 12:47

Tgt Ion: 97 Resp: 134395
Ion Ratio Lower Upper
97 100
99 63.8 52.1 78.1
61 45.7 32.8 49.2





#33

1,2-Dichloroethane-d4

Concen: 50.695 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012143.D

Acq: 06 Sep 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

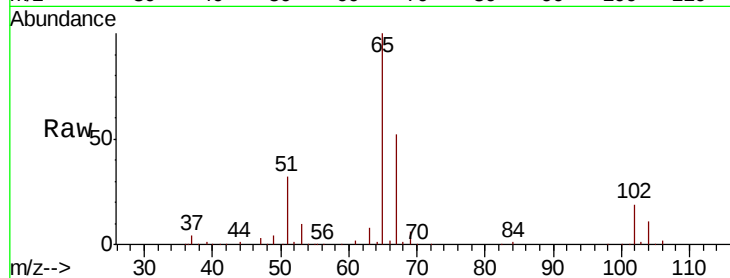
VSTDCCC050

Tgt Ion: 65 Resp: 87572

Ion Ratio Lower Upper

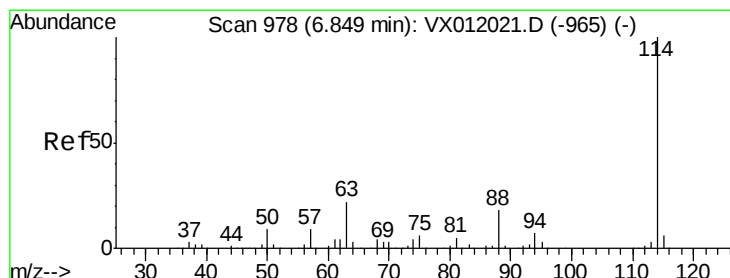
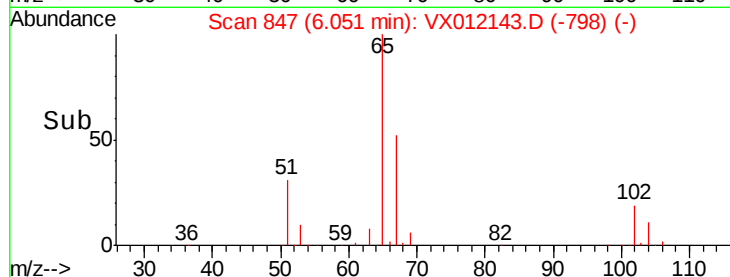
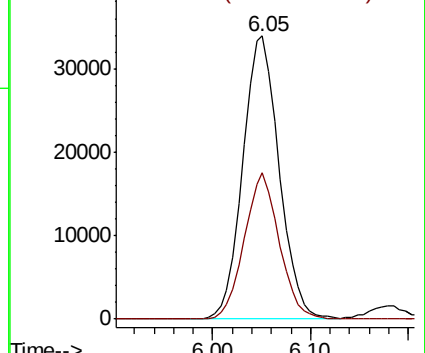
65 100

67 49.6 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012143.D

Acq: 06 Sep 2019 12:47

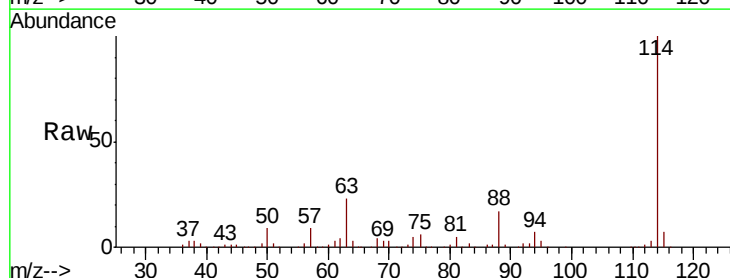
Tgt Ion: 114 Resp: 229994

Ion Ratio Lower Upper

114 100

63 23.0 0.0 37.4

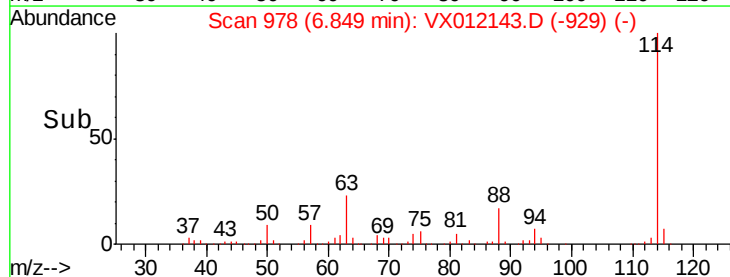
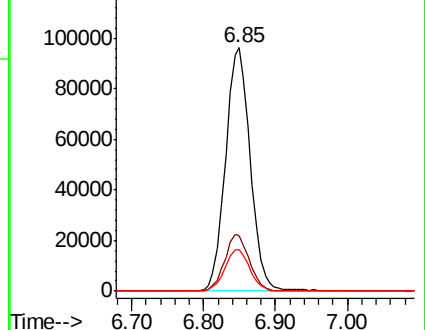
88 16.8 0.0 29.6

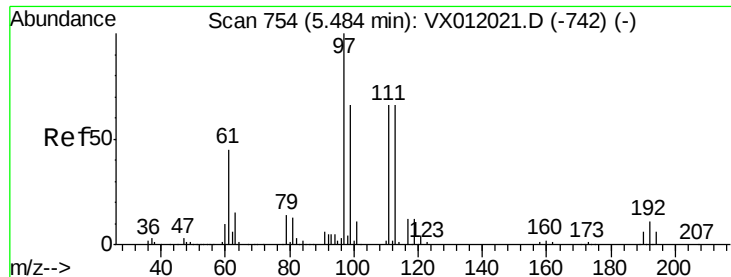


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

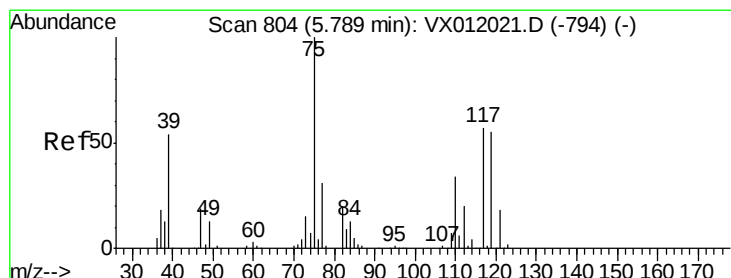
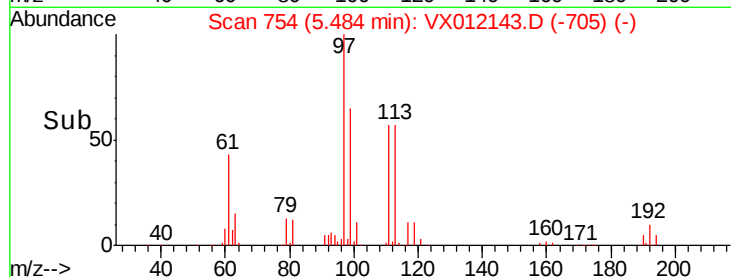
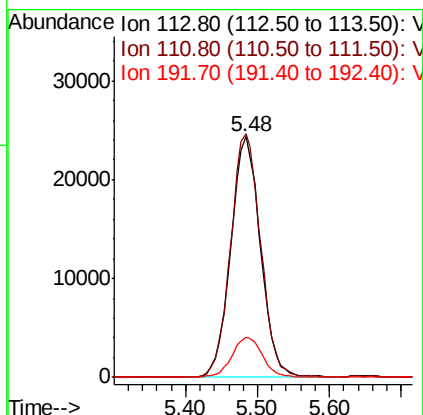
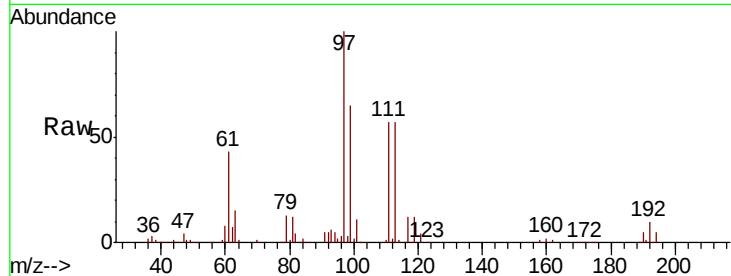




#35
 Dibromofluoromethane
 Concen: 49.224 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012143.D
 Acq: 06 Sep 2019 12:47

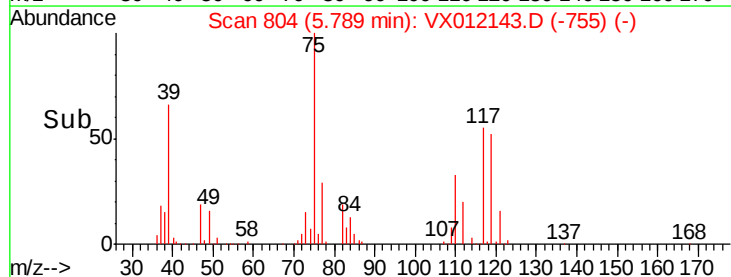
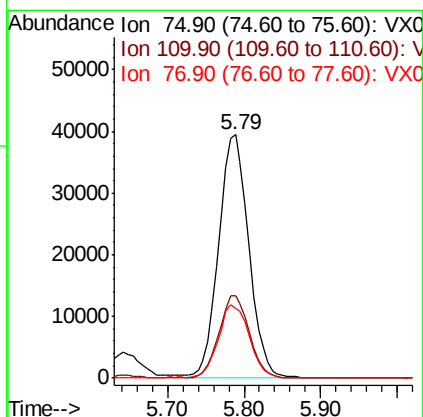
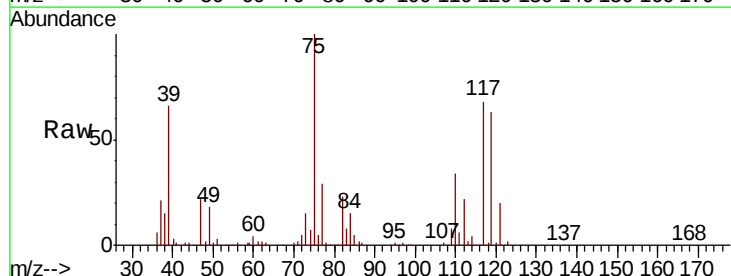
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

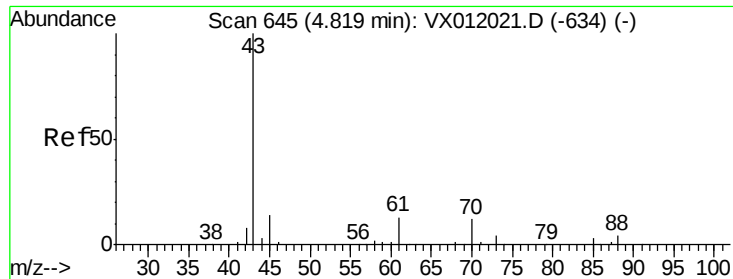
Tgt Ion:113 Resp: 69623
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.7 122.5
 192 17.1 22.5 33.7#



#36
 1,1-Dichloropropene
 Concen: 53.209 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX012143.D
 Acq: 06 Sep 2019 12:47

Tgt Ion: 75 Resp: 107785
 Ion Ratio Lower Upper
 75 100
 110 34.1 19.5 58.5
 77 31.0 24.6 37.0





#37

Ethyl Acetate

Concen: 50.136 ug/l

RT: 4.81 min Scan# 644

Delta R.T. -0.00 min

Lab File: VX012143.D

Acq: 06 Sep 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

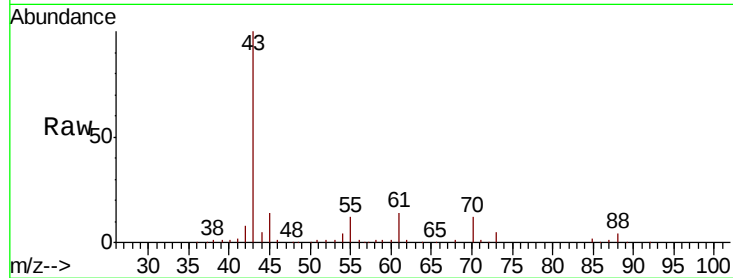
Tgt Ion: 43 Resp: 55226

Ion Ratio Lower Upper

43 100

61 14.3 10.9 16.3

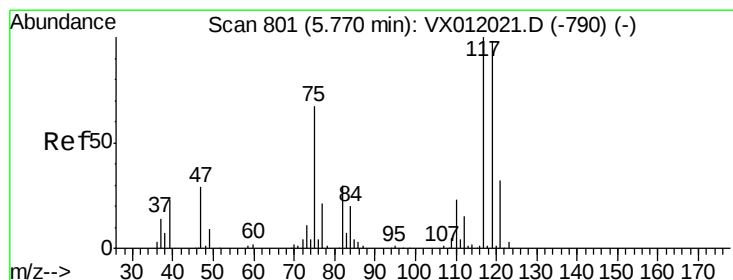
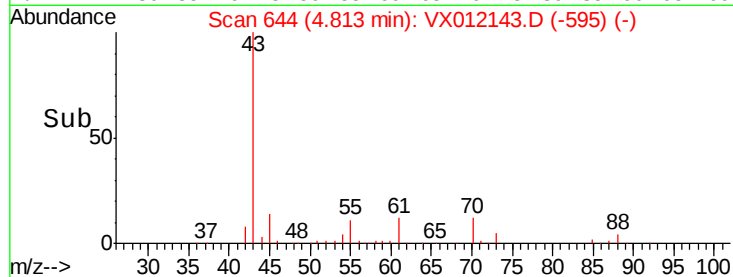
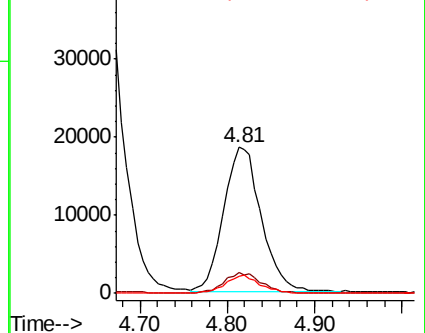
70 12.0 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 54.086 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.00 min

Lab File: VX012143.D

Acq: 06 Sep 2019 12:47

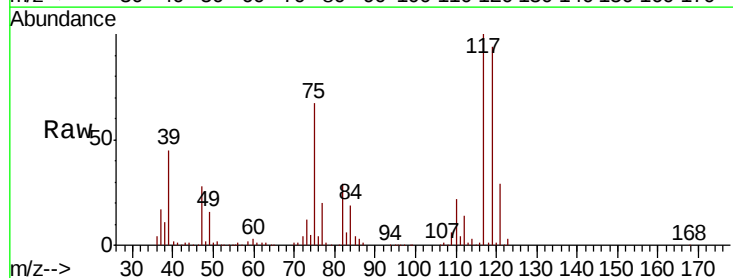
Tgt Ion: 117 Resp: 115447

Ion Ratio Lower Upper

117 100

119 94.0 78.3 117.5

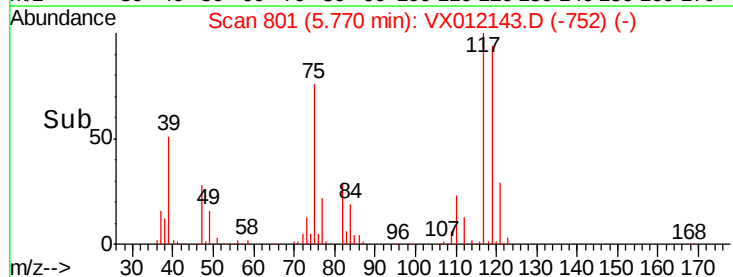
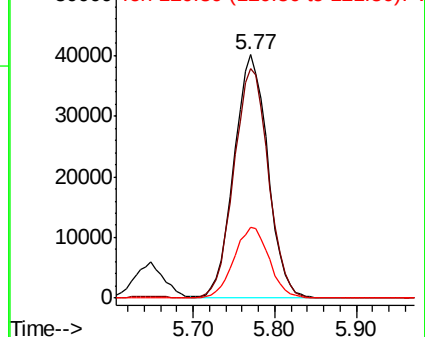
121 29.3 24.2 36.2

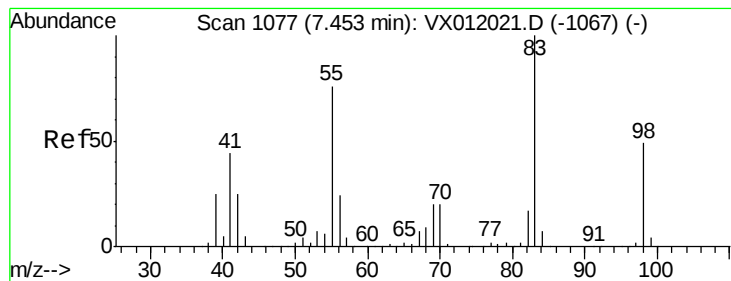


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#39

Methylcyclohexane

Concen: 50.174 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. -0.00 min

Lab File: VX012143.D

Acq: 06 Sep 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

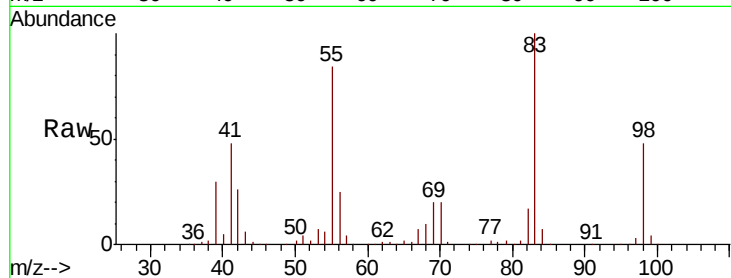
Tgt Ion: 83 Resp: 117961

Ion Ratio Lower Upper

83 100

55 83.9 59.6 89.4

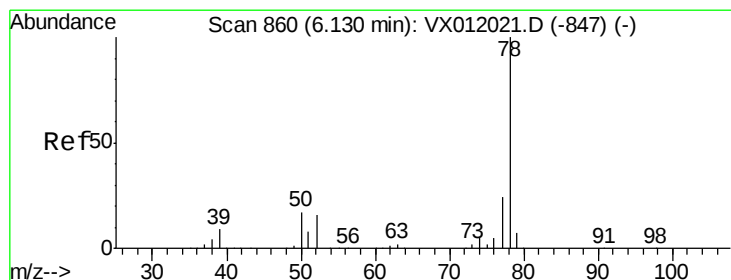
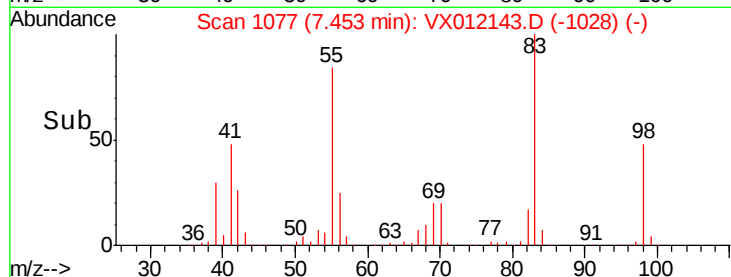
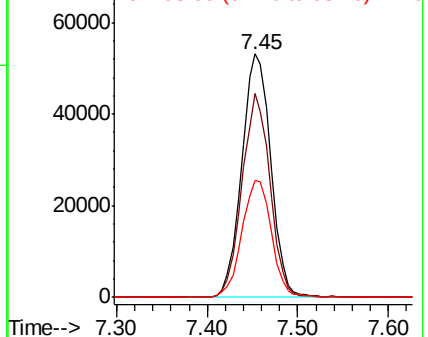
98 48.0 41.4 62.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 52.789 ug/l

RT: 6.13 min Scan# 860

Delta R.T. -0.00 min

Lab File: VX012143.D

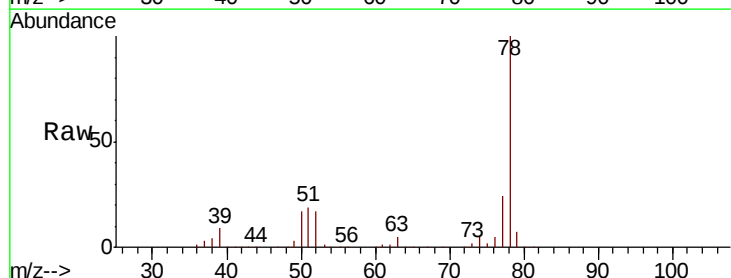
Acq: 06 Sep 2019 12:47

Tgt Ion: 78 Resp: 306983

Ion Ratio Lower Upper

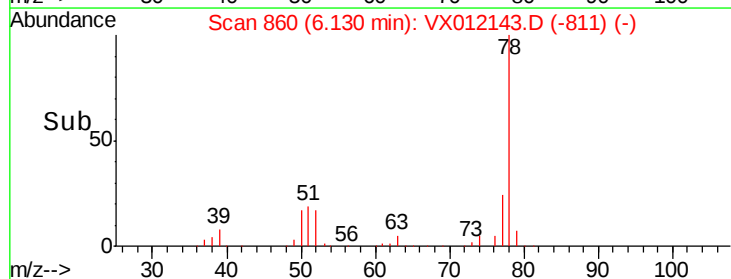
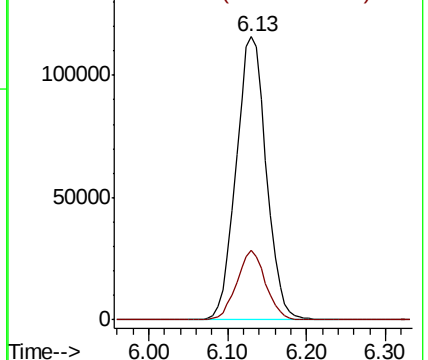
78 100

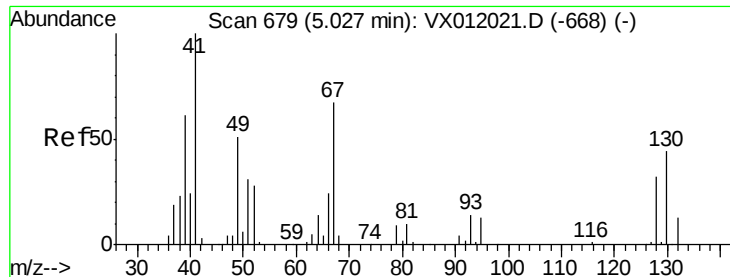
77 24.4 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

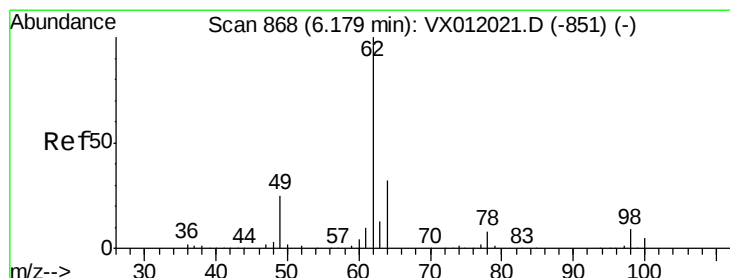
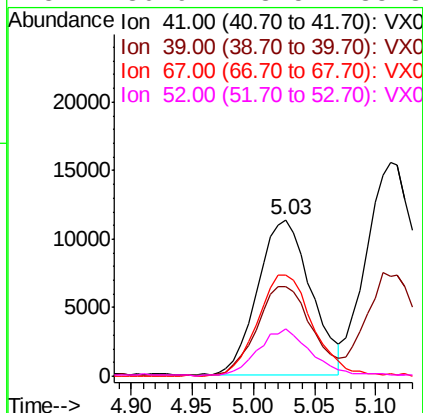
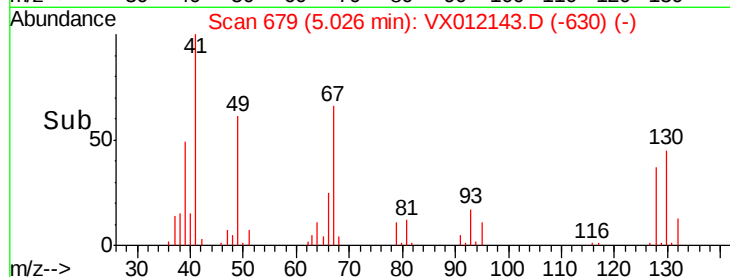
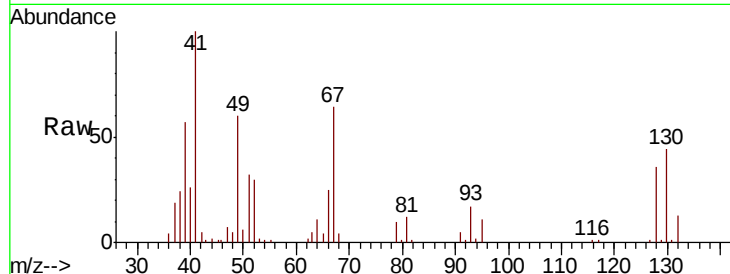




#41
Methacrylonitrile
Concen: 52.720 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX012143.D
Acq: 06 Sep 2019 12:47

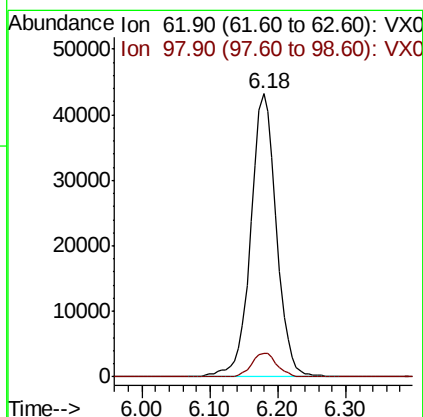
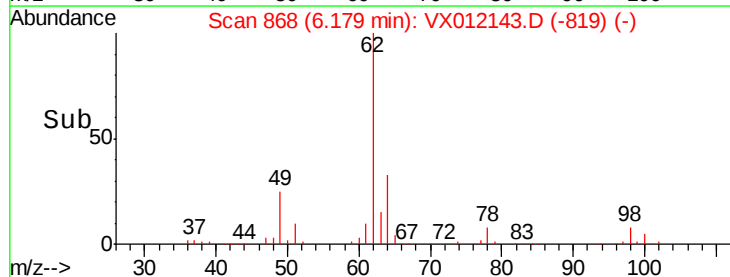
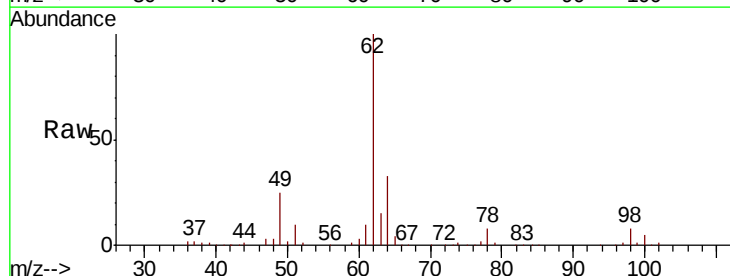
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

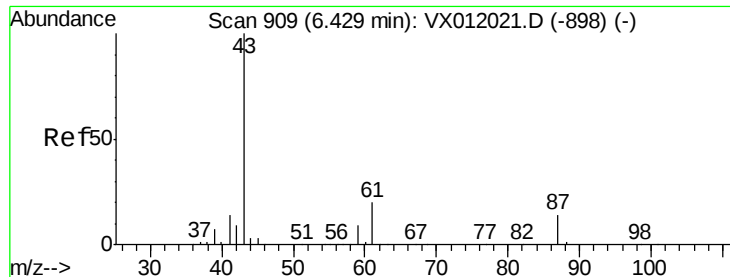
Tgt Ion: 41 Resp: 34632
Ion Ratio Lower Upper
41 100
39 58.1 46.7 70.1
67 67.2 57.0 85.6
52 30.9 23.5 35.3



#42
1,2-Dichloroethane
Concen: 54.521 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX012143.D
Acq: 06 Sep 2019 12:47

Tgt Ion: 62 Resp: 114097
Ion Ratio Lower Upper
62 100
98 8.3 0.0 19.2





#43

Isopropyl Acetate

Concen: 51.170 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.00 min

Lab File: VX012143.D

Acq: 06 Sep 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

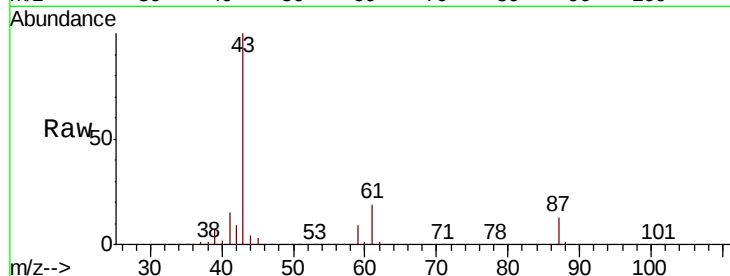
Tgt Ion: 43 Resp: 114610

Ion Ratio Lower Upper

43 100

61 19.1 16.1 24.1

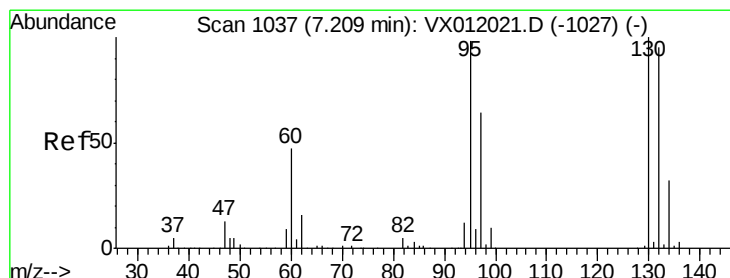
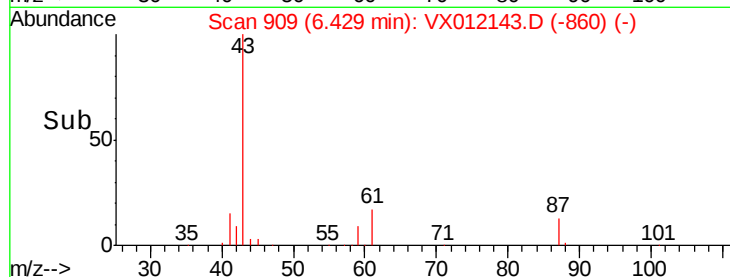
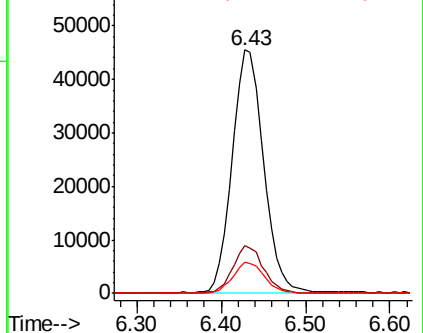
87 12.8 11.3 16.9



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: 52.284 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX012143.D

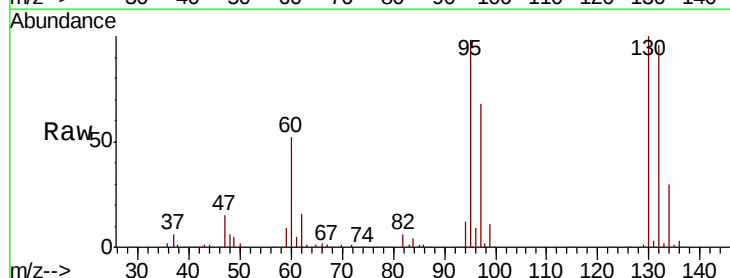
Acq: 06 Sep 2019 12:47

Tgt Ion: 130 Resp: 82007

Ion Ratio Lower Upper

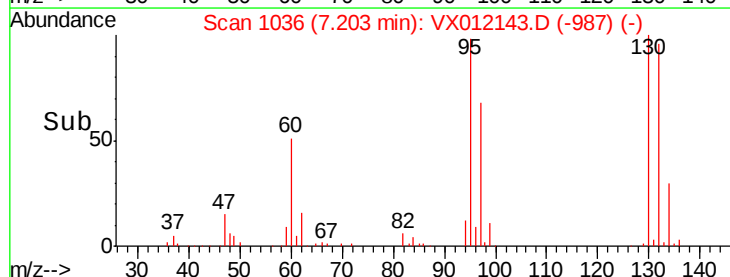
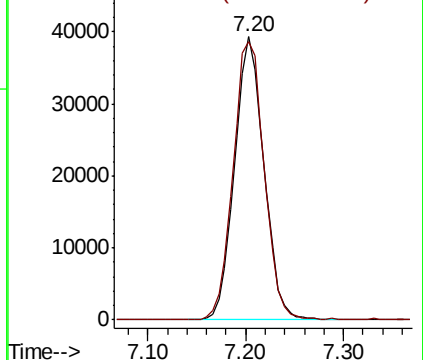
130 100

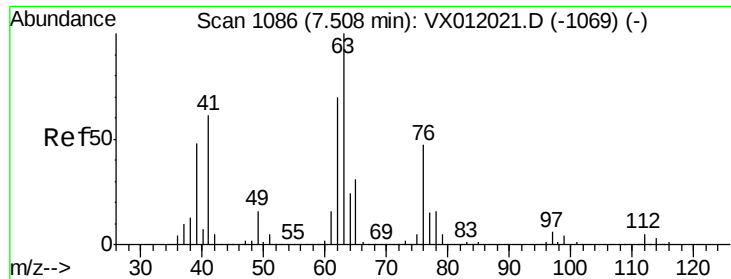
95 98.5 0.0 176.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

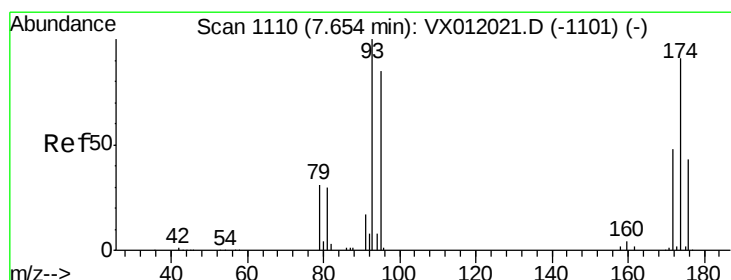
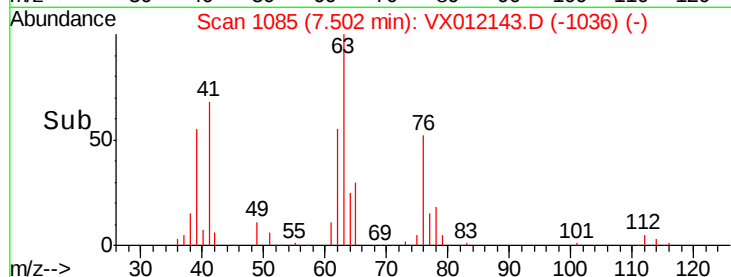
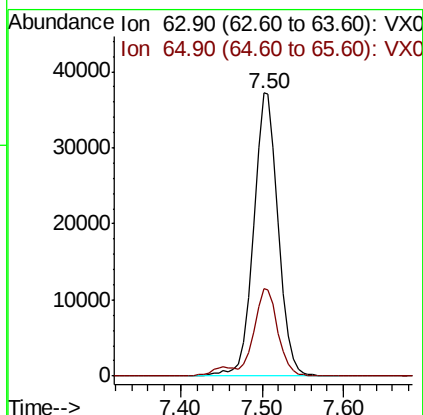
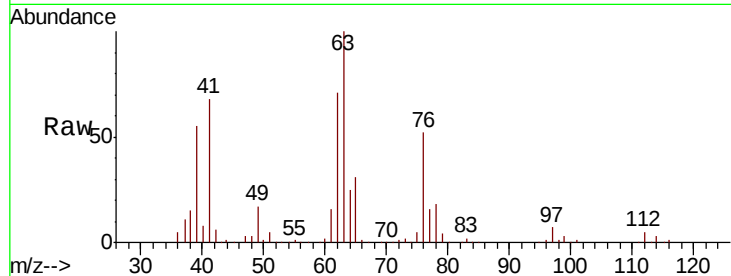




#45
 1,2-Dichloropropane
 Concen: 52.305 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: VX012143.D
 Acq: 06 Sep 2019 12:47

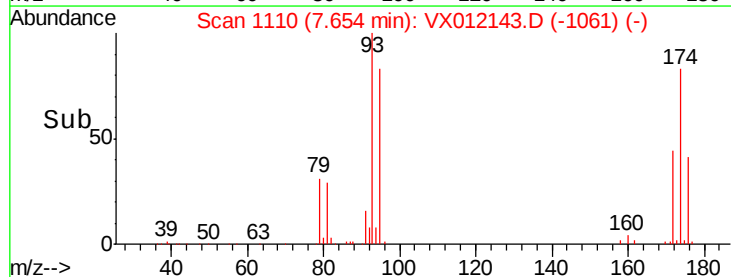
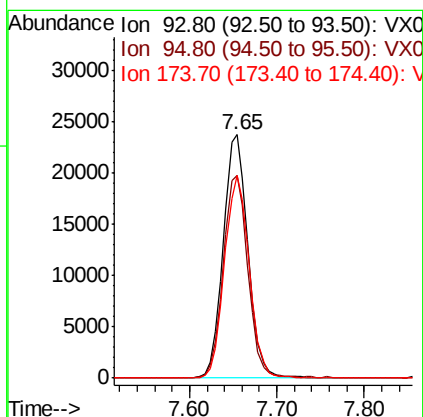
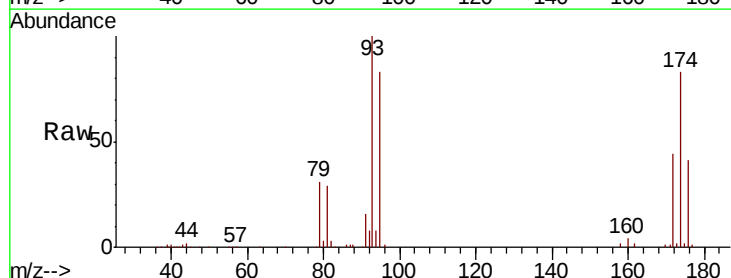
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

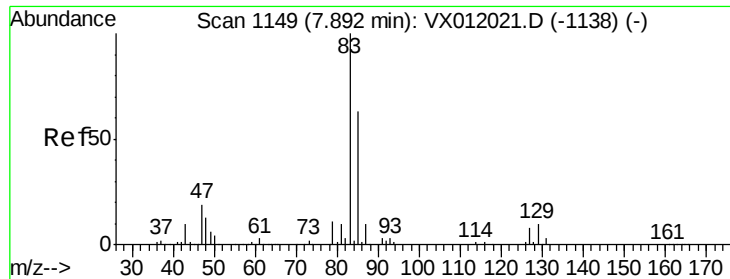
Tgt Ion: 63 Resp: 78586
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.0 37.6



#46
 Dibromomethane
 Concen: 52.605 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012143.D
 Acq: 06 Sep 2019 12:47

Tgt Ion: 93 Resp: 46139
 Ion Ratio Lower Upper
 93 100
 95 83.6 66.2 99.2
 174 84.0 110.2 165.4#





#47

Bromodichloromethane

Concen: 52.013 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX012143.D

Acq: 06 Sep 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

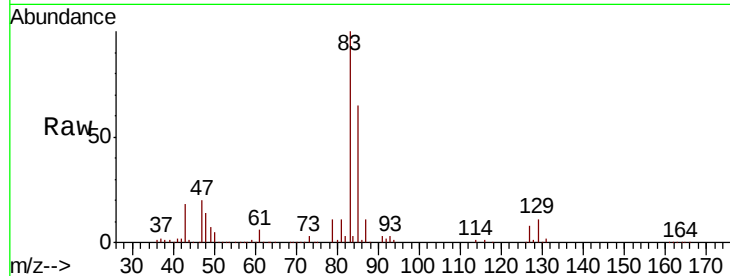
Tgt Ion: 83 Resp: 115958

Ion Ratio Lower Upper

83 100

85 65.2 50.3 75.5

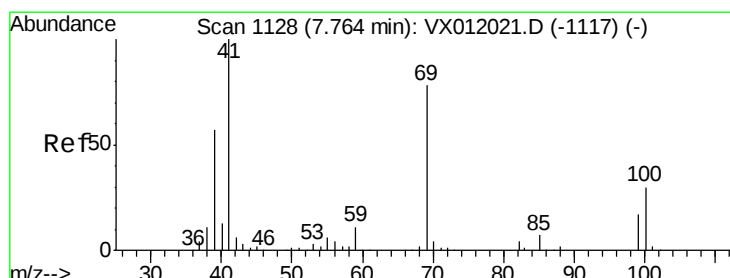
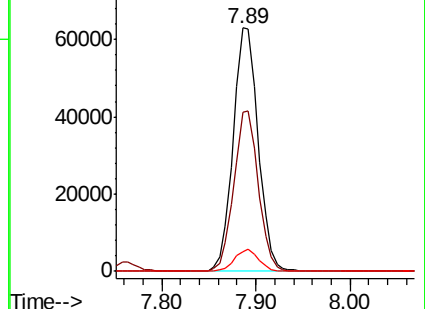
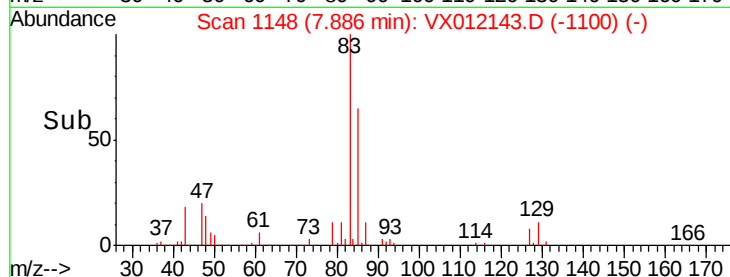
127 7.9 8.1 12.1#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 51.289 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012143.D

Acq: 06 Sep 2019 12:47

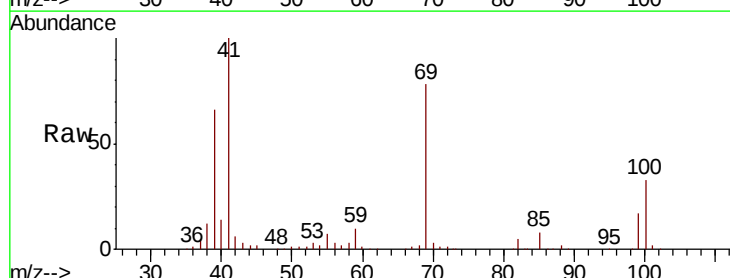
Tgt Ion: 41 Resp: 57761

Ion Ratio Lower Upper

41 100

69 76.1 66.3 99.5

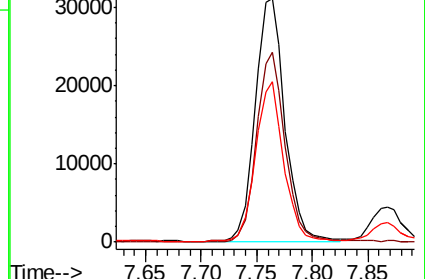
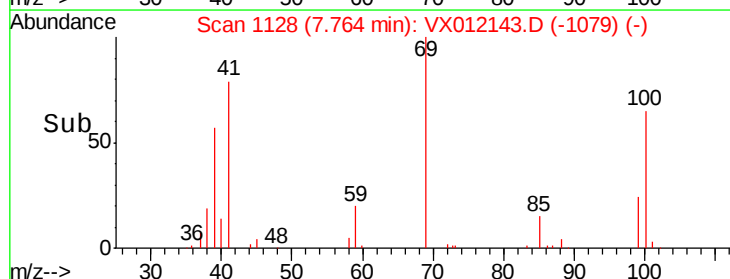
39 62.3 48.1 72.1

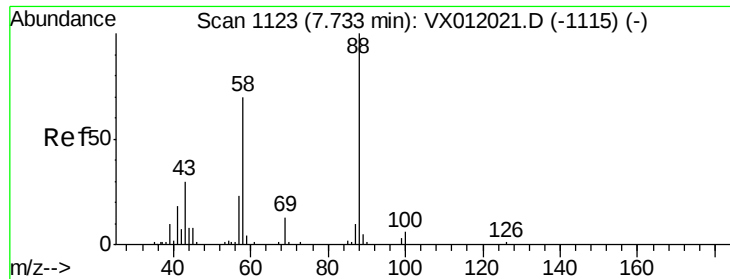


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

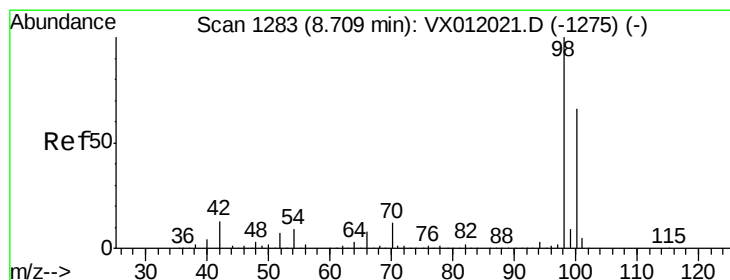
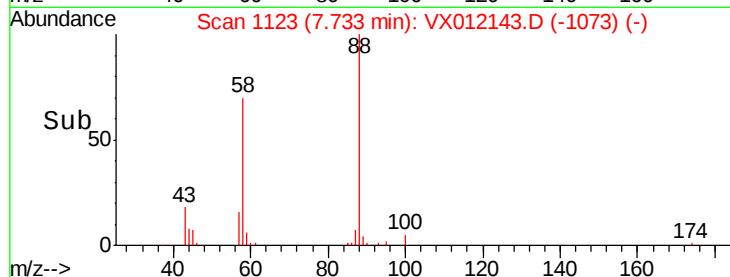
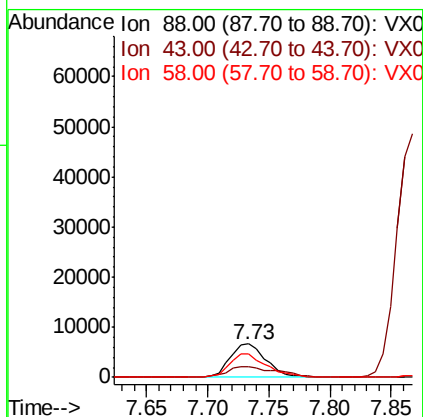
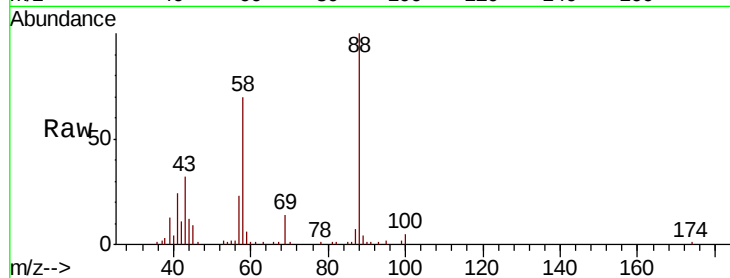




#49
1,4-Dioxane
Concen: 894.130 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VX012143.D
Acq: 06 Sep 2019 12:47

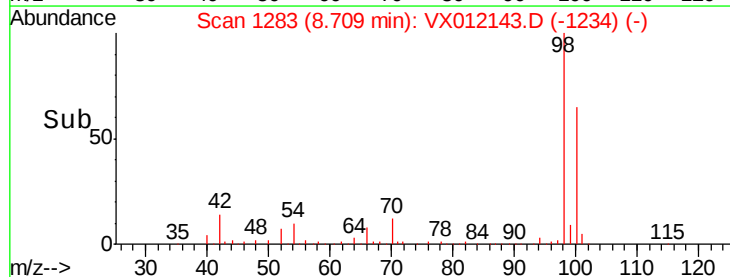
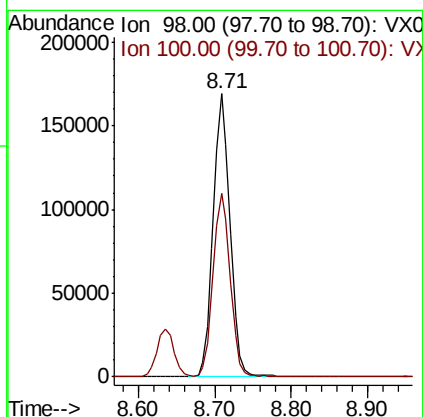
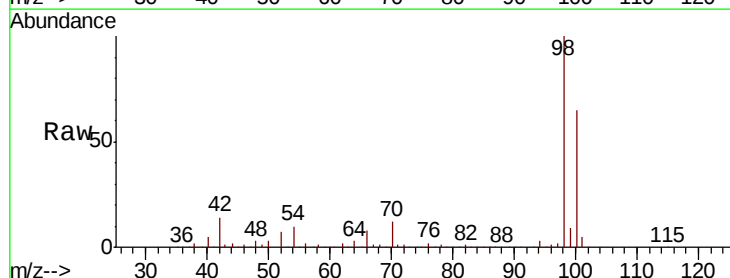
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

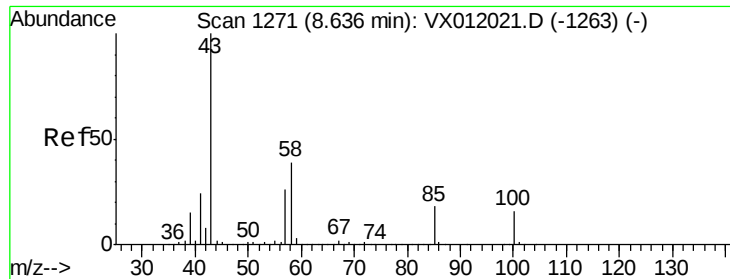
Tgt Ion: 88 Resp: 13727
Ion Ratio Lower Upper
88 100
43 41.1 29.8 44.6
58 73.5 55.4 83.2



#50
Toluene-d8
Concen: 49.999 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012143.D
Acq: 06 Sep 2019 12:47

Tgt Ion: 98 Resp: 259505
Ion Ratio Lower Upper
98 100
100 65.8 53.3 79.9





#51

4-Methyl-2-Pentanone

Concen: 250.390 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012143.D

Acq: 06 Sep 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

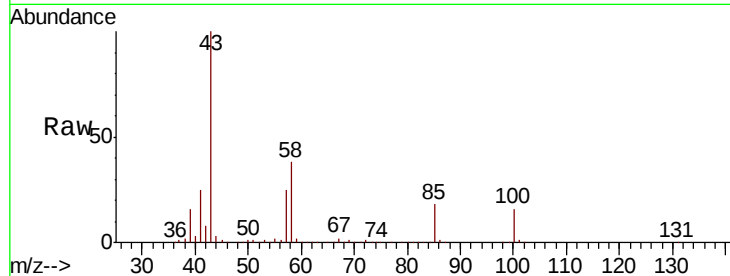
VSTDCCC050

Tgt Ion: 43 Resp: 285256

Ion Ratio Lower Upper

43 100

58 37.6 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

200000

150000

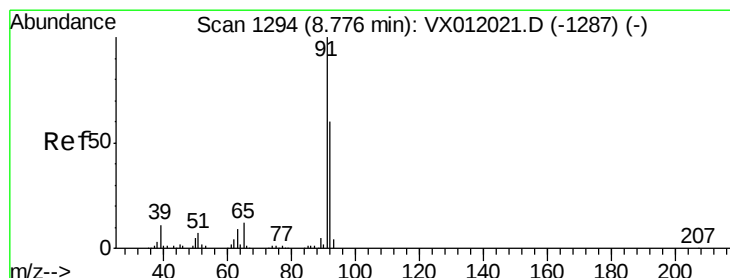
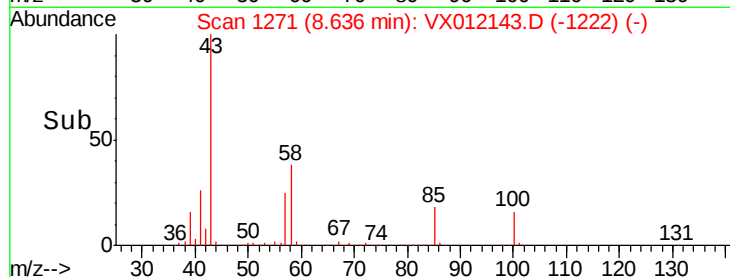
100000

50000

0

8.55 8.60 8.65 8.70

Time-->



#52

Toluene

Concen: 52.645 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX012143.D

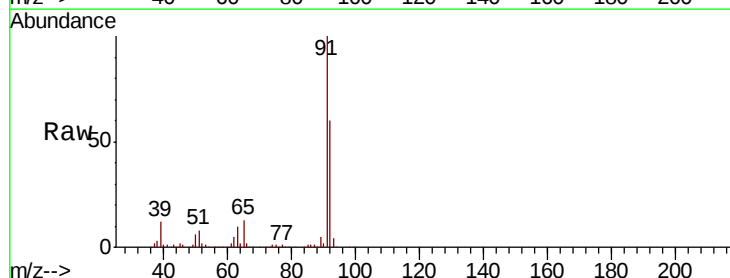
Acq: 06 Sep 2019 12:47

Tgt Ion: 92 Resp: 199194

Ion Ratio Lower Upper

92 100

91 167.7 136.0 204.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

250000

200000

150000

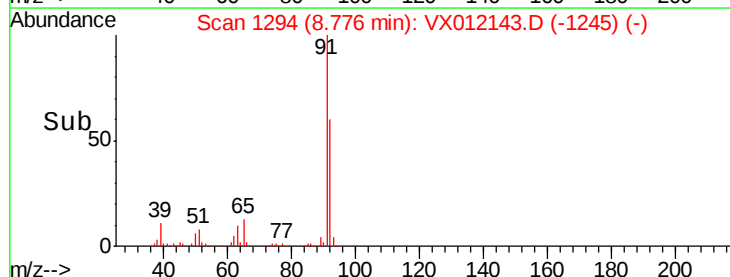
100000

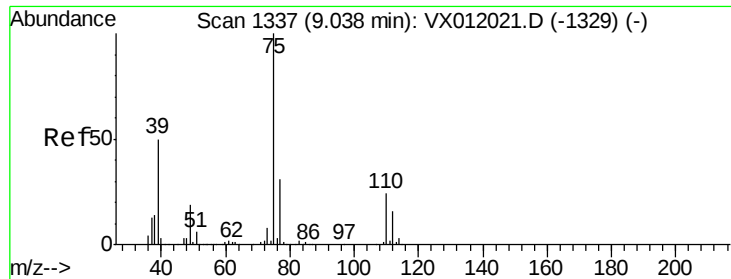
50000

0

8.70 8.80 8.90 9.00

Time-->

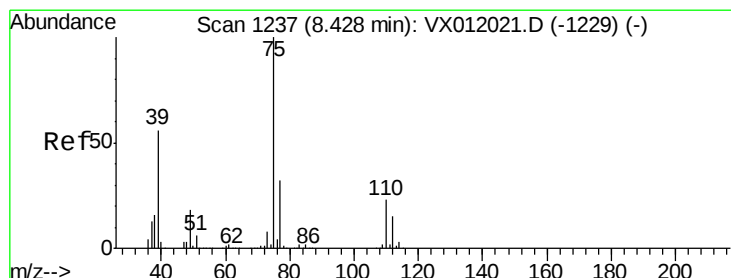
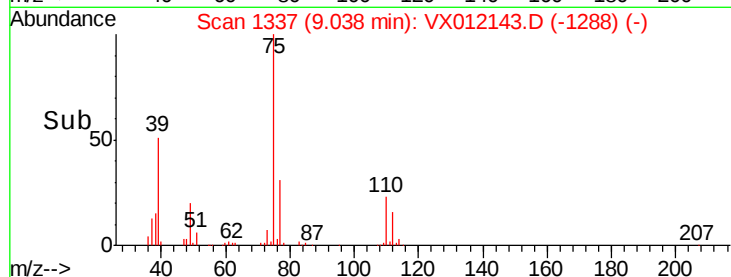
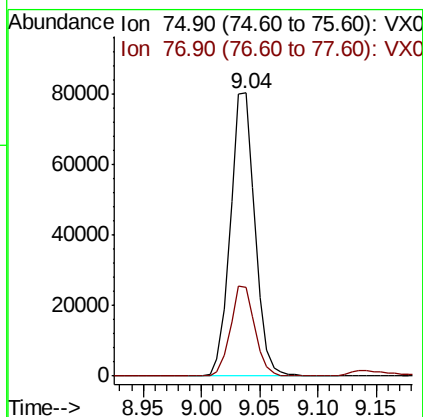
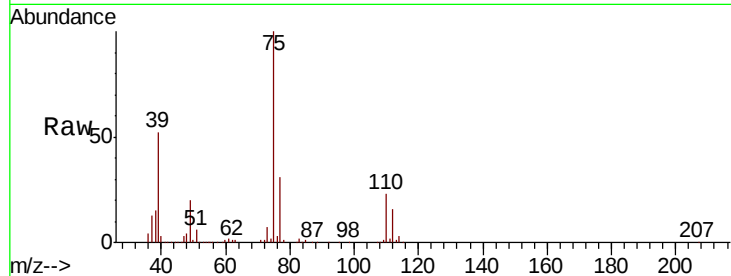




#53
t-1,3-Dichloropropene
Concen: 51.191 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX012143.D
Acq: 06 Sep 2019 12:47

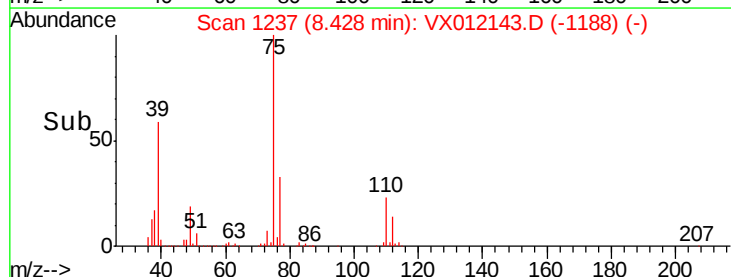
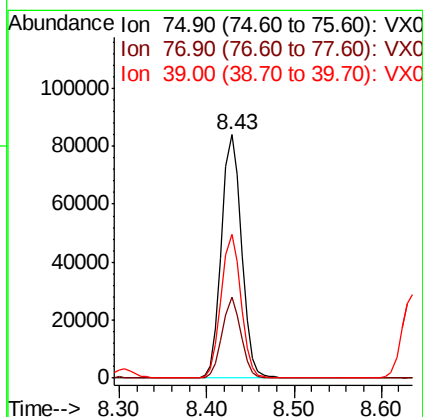
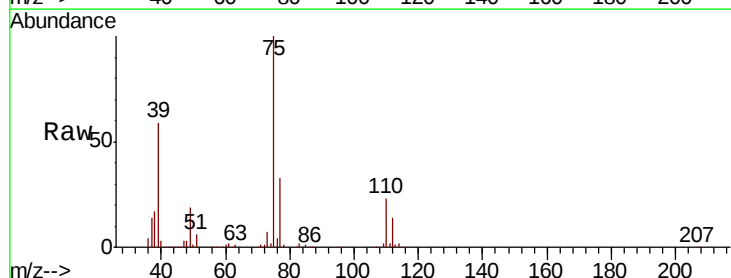
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

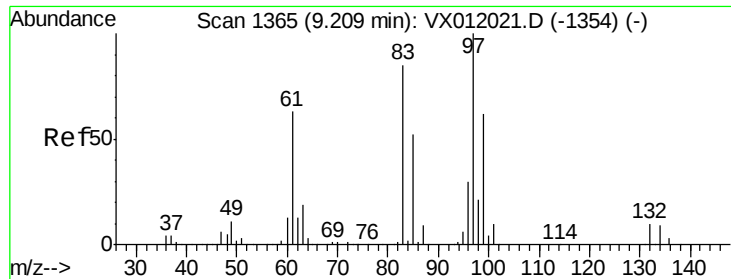
Tgt Ion: 75 Resp: 118154
Ion Ratio Lower Upper
75 100
77 31.3 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 52.181 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX012143.D
Acq: 06 Sep 2019 12:47

Tgt Ion: 75 Resp: 133932
Ion Ratio Lower Upper
75 100
77 33.3 25.5 38.3
39 59.1 43.0 64.4

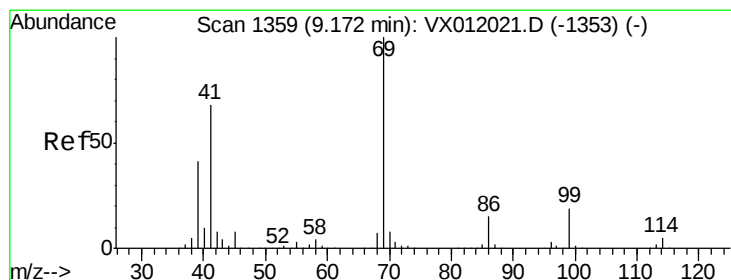
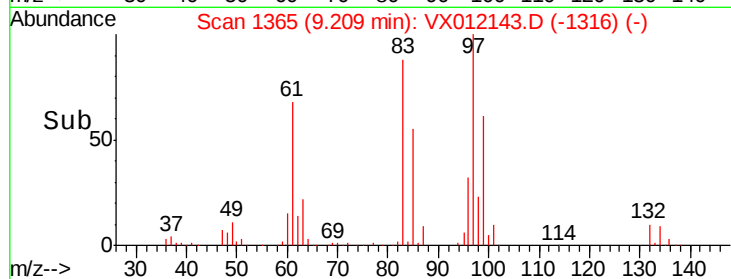
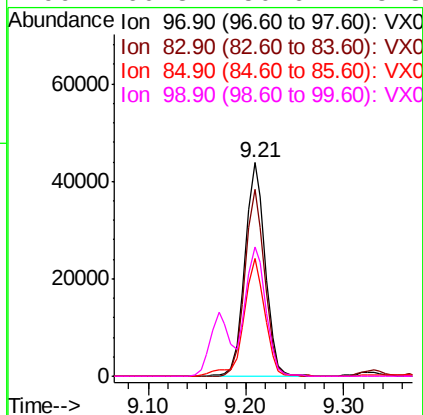
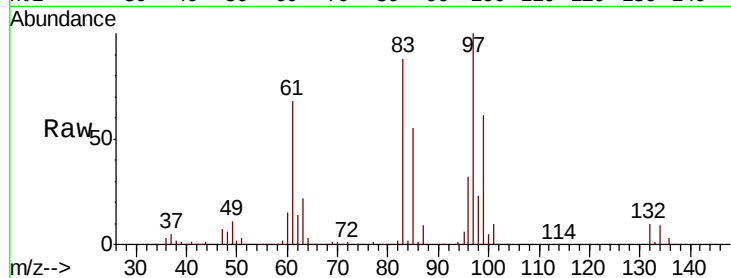




#55
 1,1,2-Trichloroethane
 Concen: 50.323 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012143.D
 Acq: 06 Sep 2019 12:47

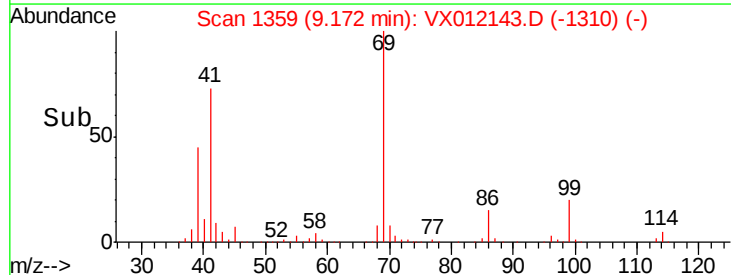
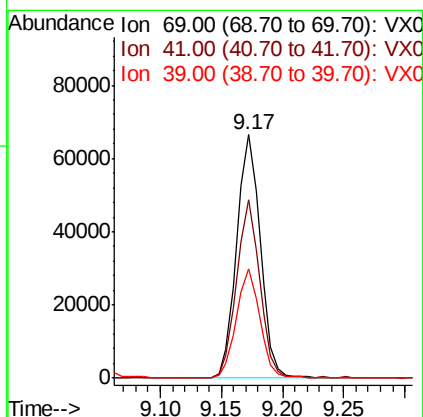
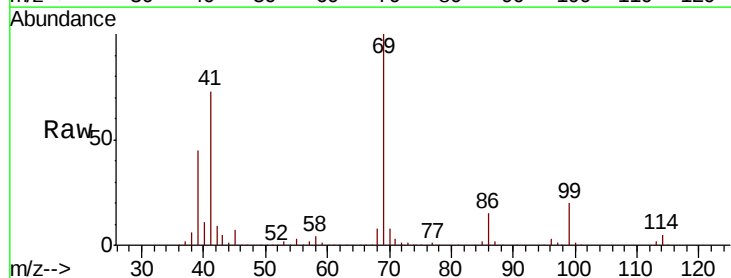
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

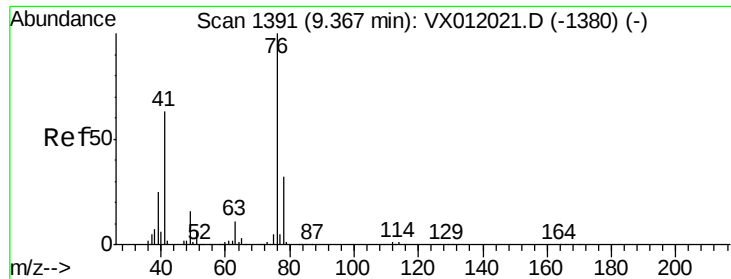
Tgt Ion:	97	Resp:	63102
Ion	Ratio	Lower	Upper
97	100		
83	87.5	66.0	99.0
85	55.0	41.0	61.6
99	60.8	50.6	75.8



#56
 Ethyl methacrylate
 Concen: 49.652 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012143.D
 Acq: 06 Sep 2019 12:47

Tgt Ion:	69	Resp:	89181
Ion	Ratio	Lower	Upper
69	100		
41	71.5	53.9	80.9
39	44.0	31.1	46.7

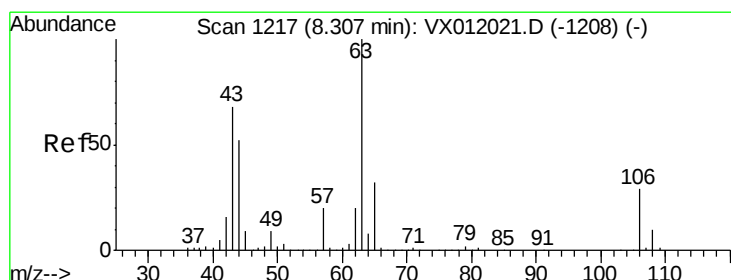
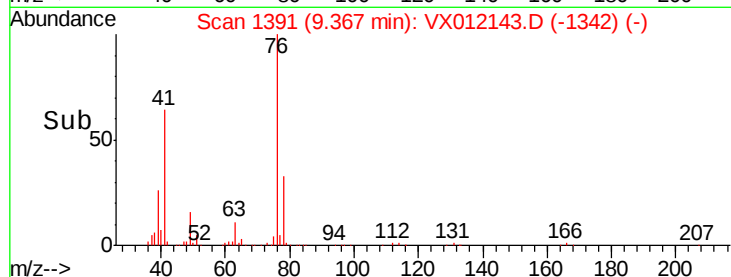
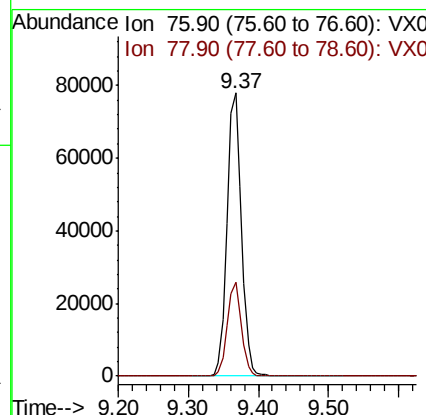
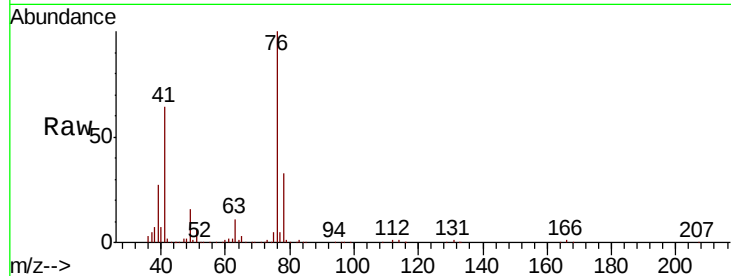




#57
 1,3-Dichloropropane
 Concen: 51.502 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX012143.D
 Acq: 06 Sep 2019 12:47

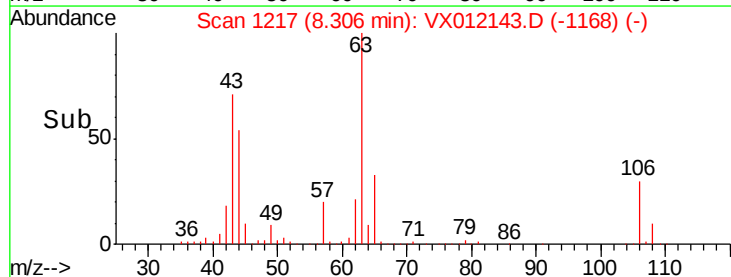
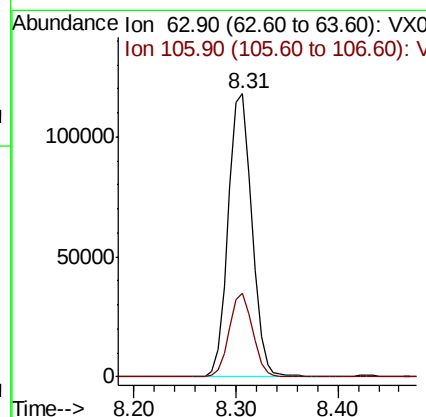
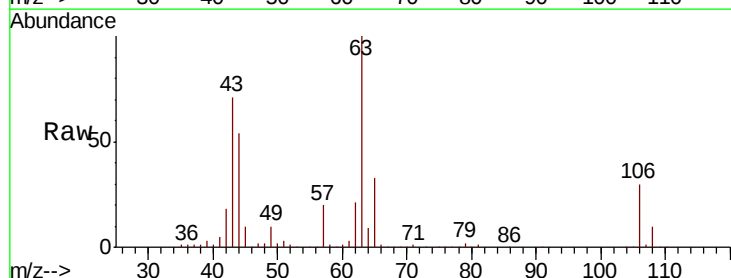
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

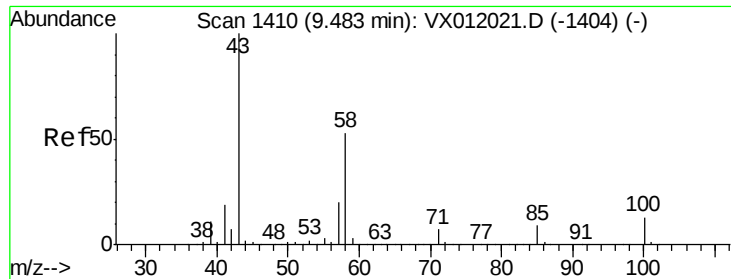
Tgt Ion: 76 Resp: 111439
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 234.533 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX012143.D
 Acq: 06 Sep 2019 12:47

Tgt Ion: 63 Resp: 189914
 Ion Ratio Lower Upper
 63 100
 106 29.3 26.5 39.7

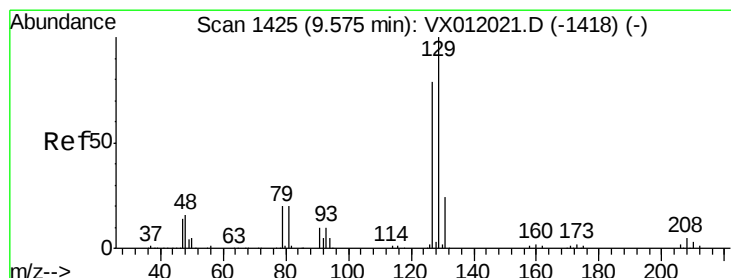
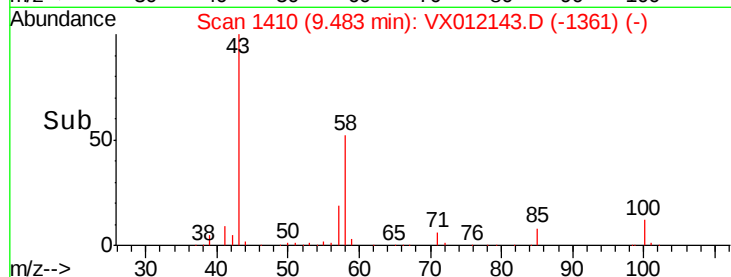
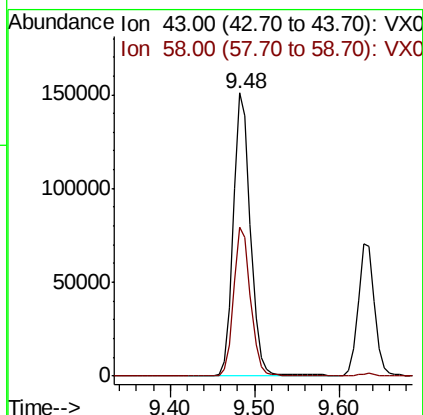
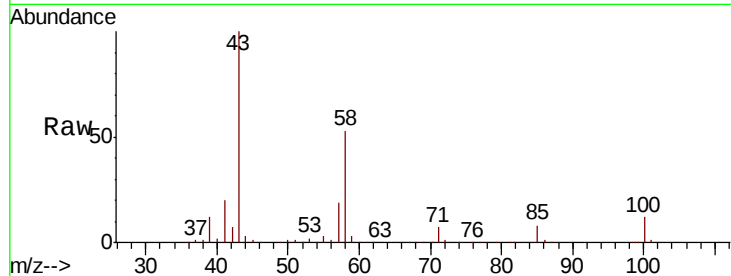




#59
2-Hexanone
Concen: 250.234 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX012143.D
Acq: 06 Sep 2019 12:47

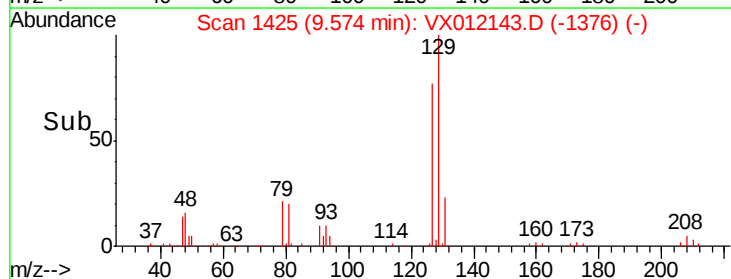
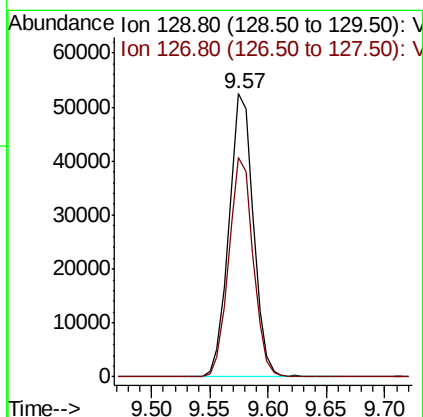
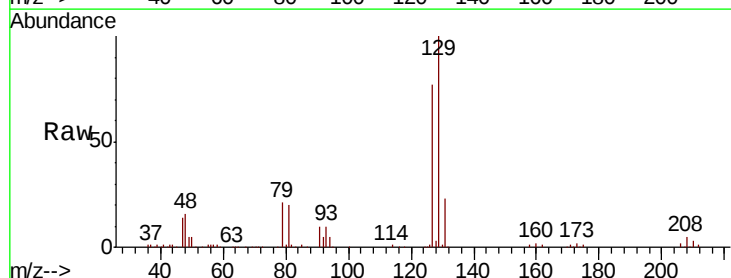
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

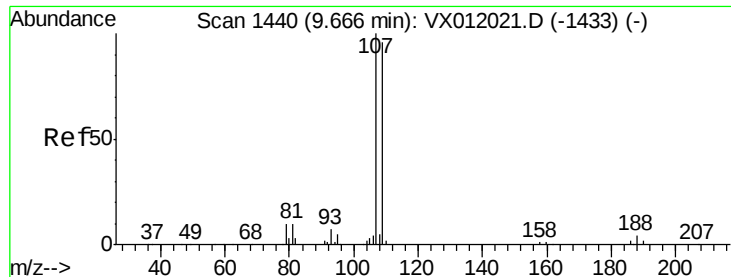
Tgt Ion: 43 Resp: 208015
Ion Ratio Lower Upper
43 100
58 52.1 27.2 81.6



#60
Dibromochloromethane
Concen: 51.375 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX012143.D
Acq: 06 Sep 2019 12:47

Tgt Ion: 129 Resp: 76777
Ion Ratio Lower Upper
129 100
127 77.2 38.1 114.5





#61

1,2-Dibromoethane

Concen: 50.788 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012143.D

Acq: 06 Sep 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

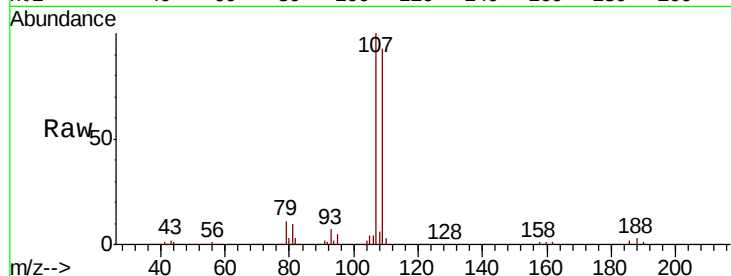
VSTDCCC050

Tgt Ion: 107 Resp: 61538

Ion Ratio Lower Upper

107 100

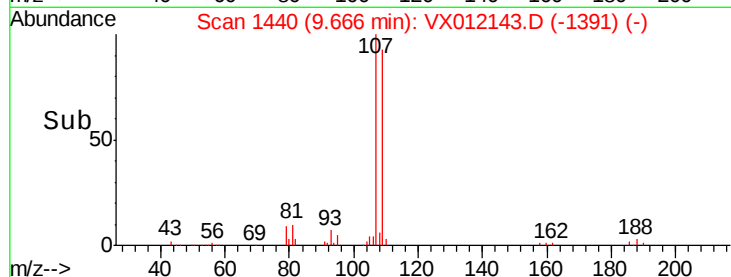
109 95.3 76.9 115.3



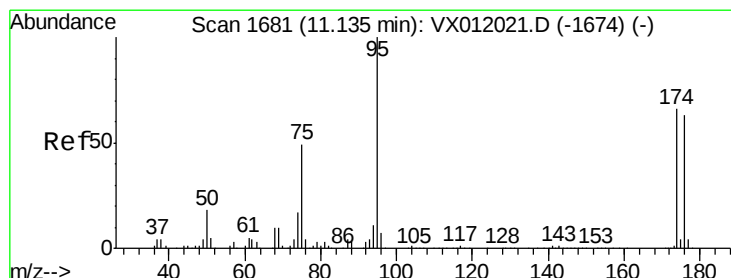
Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67



Time-->



#62

4-Bromofluorobenzene

Concen: 47.307 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012143.D

Acq: 06 Sep 2019 12:47

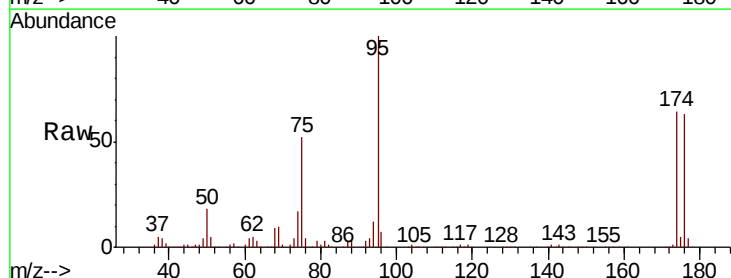
Tgt Ion: 95 Resp: 114186

Ion Ratio Lower Upper

95 100

174 62.5 0.0 205.4

176 61.2 0.0 201.8

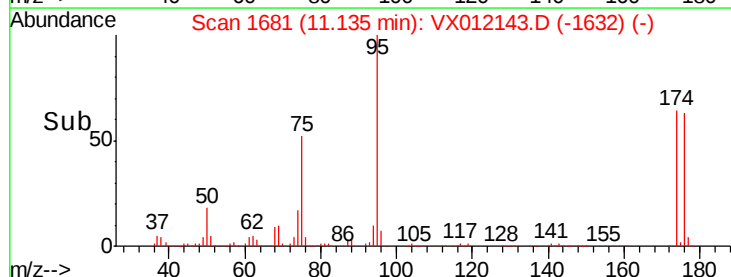


Abundance Ion 94.90 (94.60 to 95.60): VX0

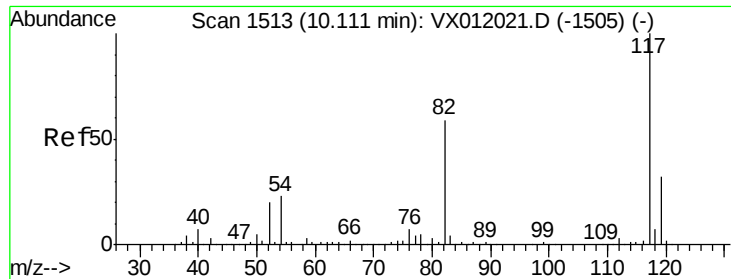
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14



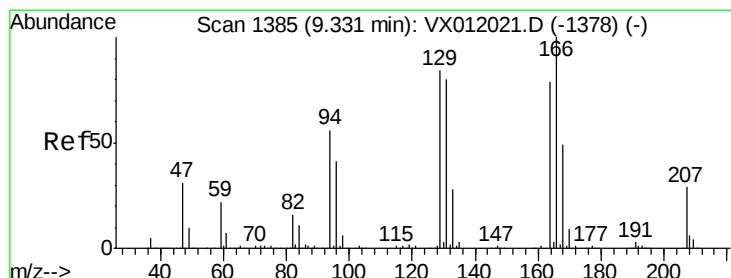
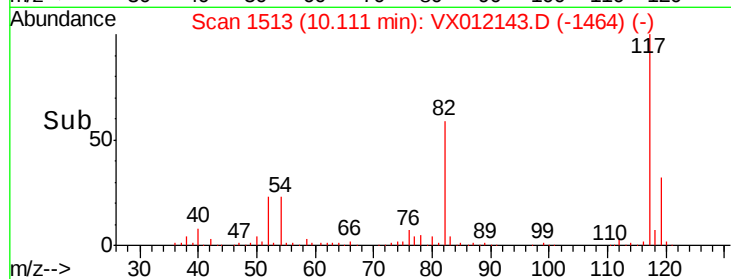
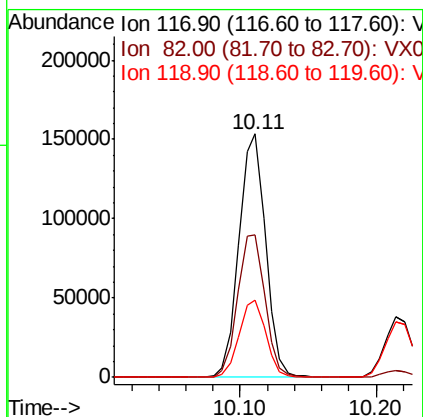
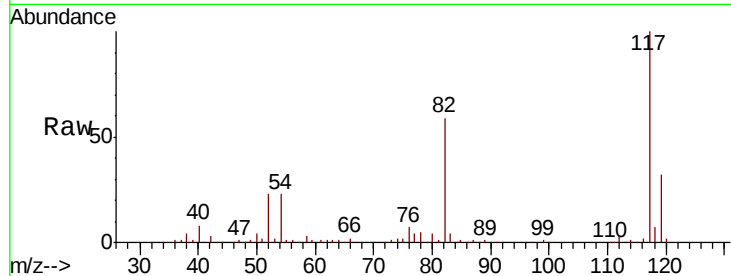
Time-->



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012143.D
Acq: 06 Sep 2019 12:47

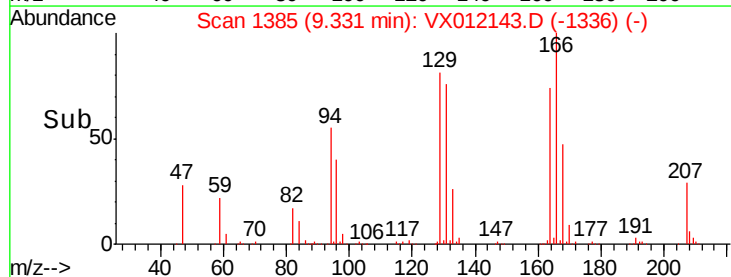
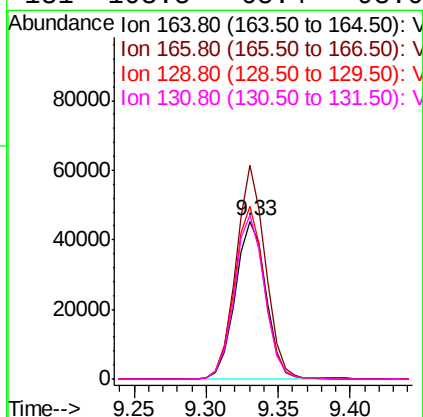
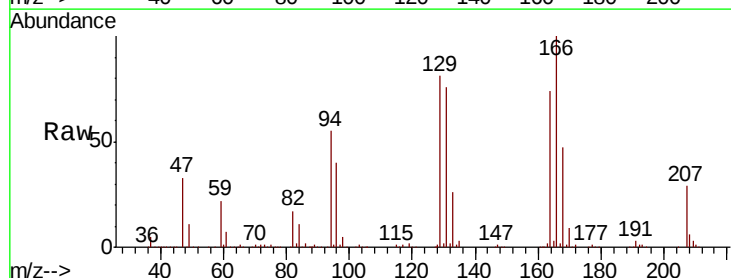
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

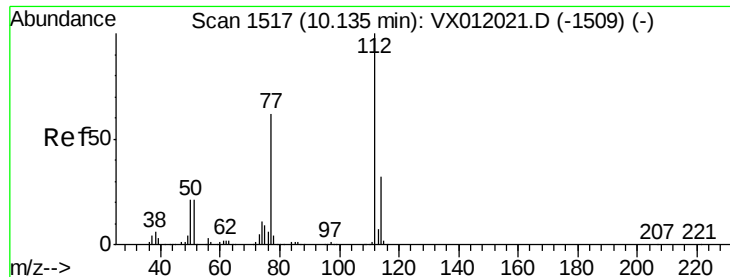
Tgt Ion:117 Resp: 210068
Ion Ratio Lower Upper
117 100
82 58.7 39.4 59.0
119 31.8 26.1 39.1



#64
Tetrachloroethene
Concen: 51.331 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012143.D
Acq: 06 Sep 2019 12:47

Tgt Ion:164 Resp: 67226
Ion Ratio Lower Upper
164 100
166 135.4 104.3 156.5
129 109.4 68.3 102.5#
131 103.5 65.4 98.0#

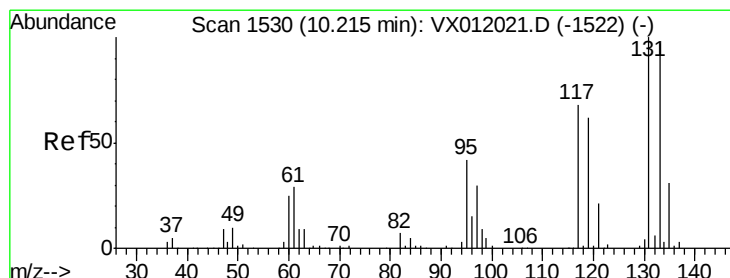
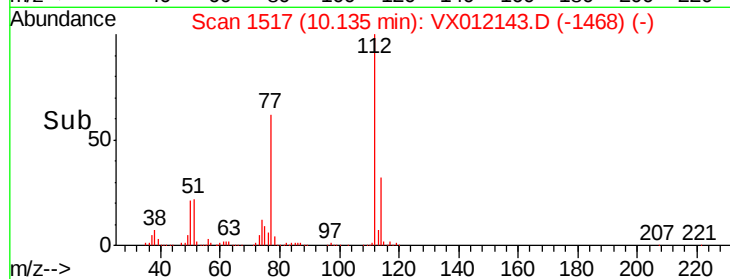
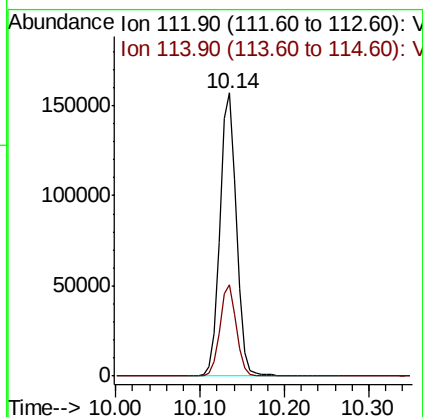
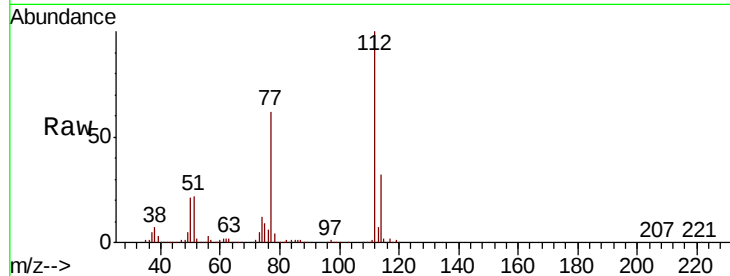




#65
Chlorobenzene
Concen: 51.472 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012143.D
Acq: 06 Sep 2019 12:47

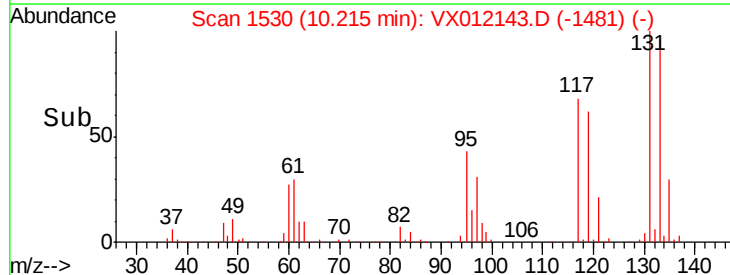
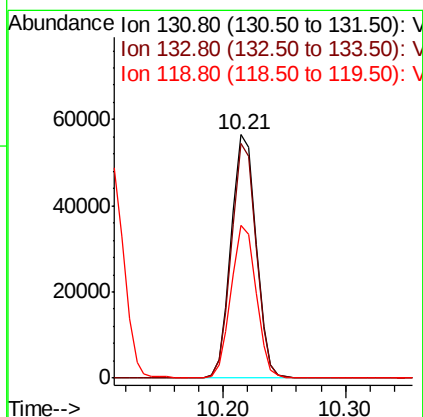
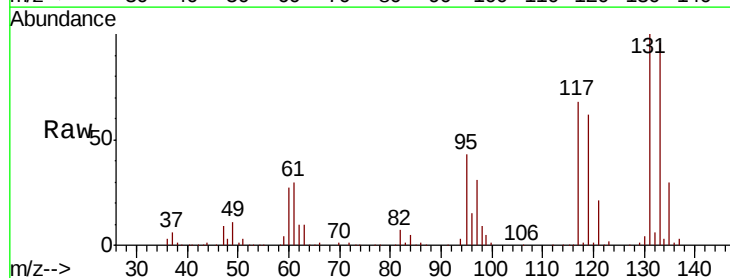
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

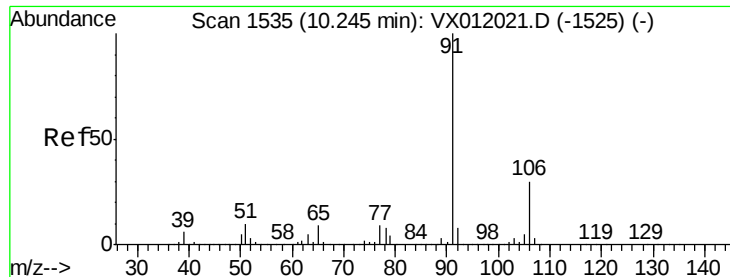
Tgt Ion:112 Resp: 213342
Ion Ratio Lower Upper
112 100
114 32.2 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 52.664 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX012143.D
Acq: 06 Sep 2019 12:47

Tgt Ion:131 Resp: 79814
Ion Ratio Lower Upper
131 100
133 95.5 48.4 145.0
119 63.1 30.5 91.5

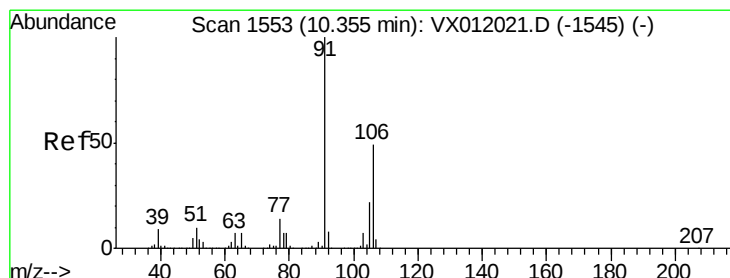
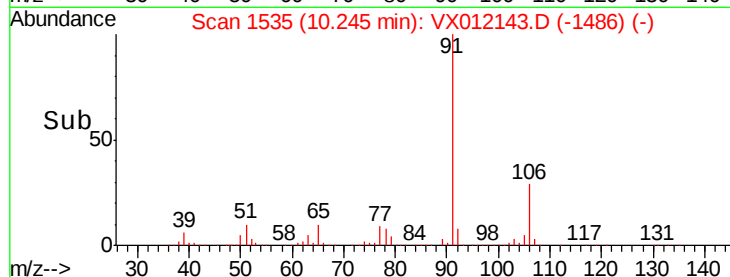
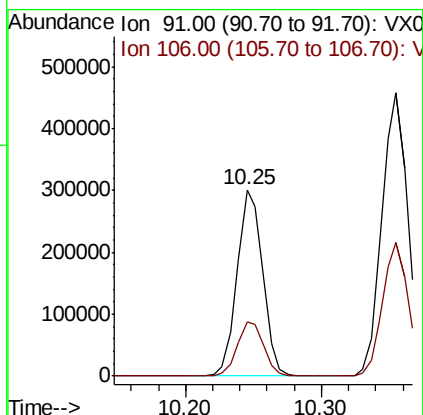
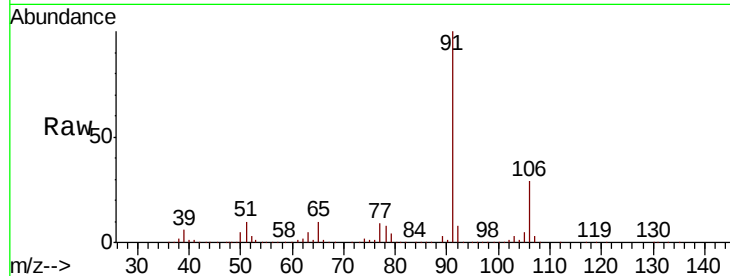




#67
Ethyl Benzene
Concen: 52.197 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012143.D
Acq: 06 Sep 2019 12:47

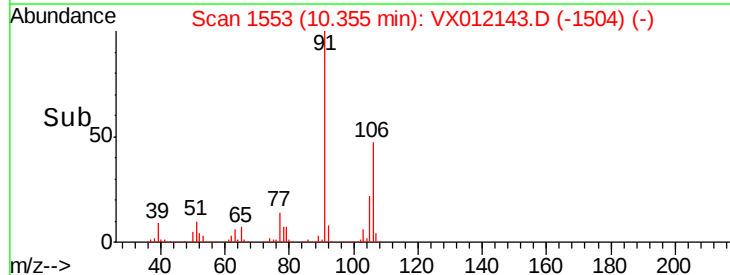
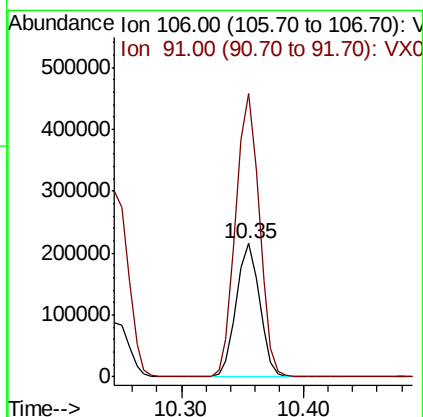
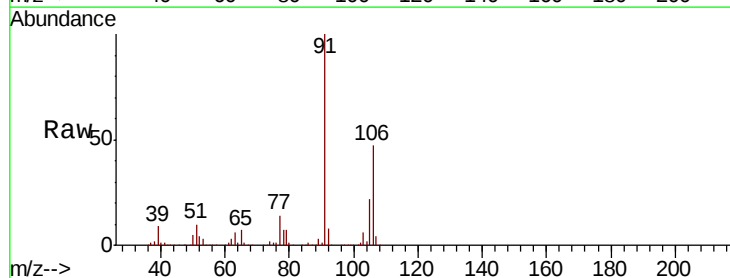
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

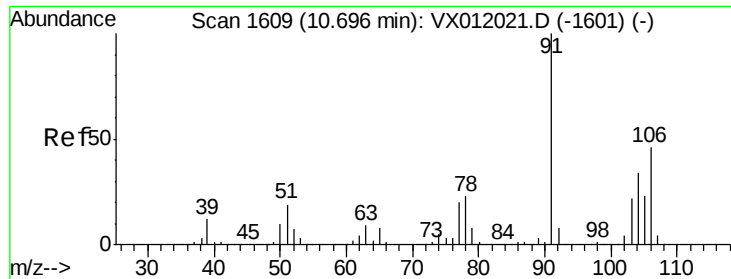
Tgt Ion: 91 Resp: 394352
Ion Ratio Lower Upper
91 100
106 29.3 25.8 38.8



#68
m/p-Xylenes
Concen: 102.631 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012143.D
Acq: 06 Sep 2019 12:47

Tgt Ion: 106 Resp: 285686
Ion Ratio Lower Upper
106 100
91 214.2 157.5 236.3

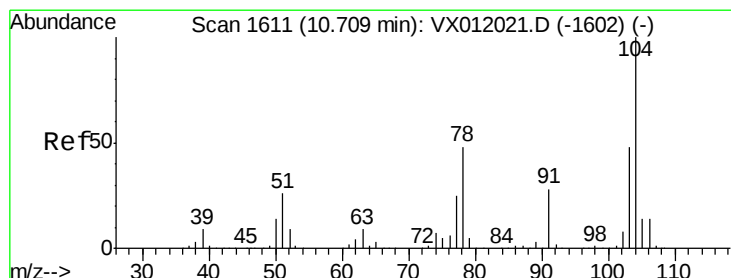
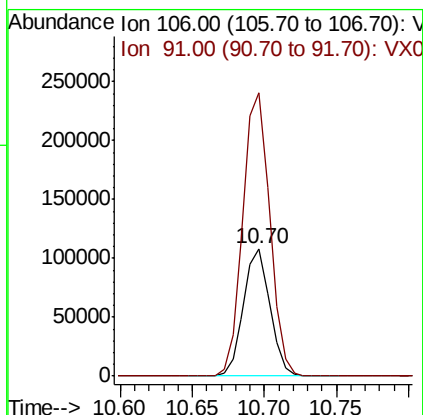
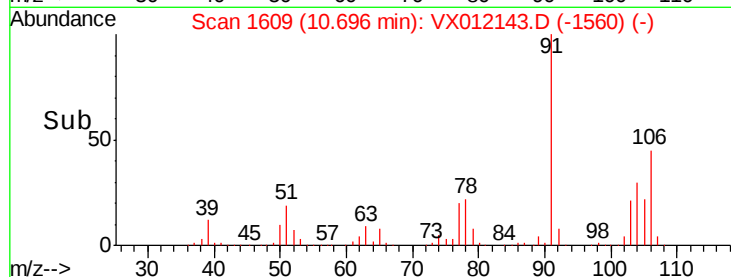
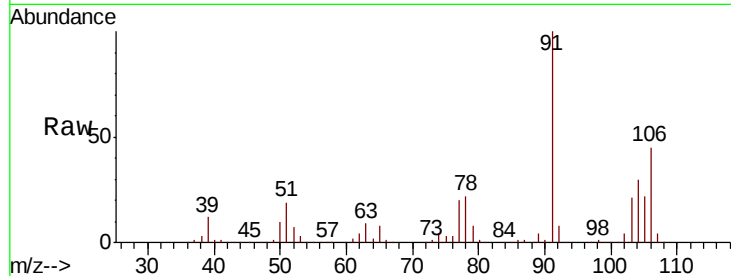




#69
o-Xylene
Concen: 51.124 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012143.D
Acq: 06 Sep 2019 12:47

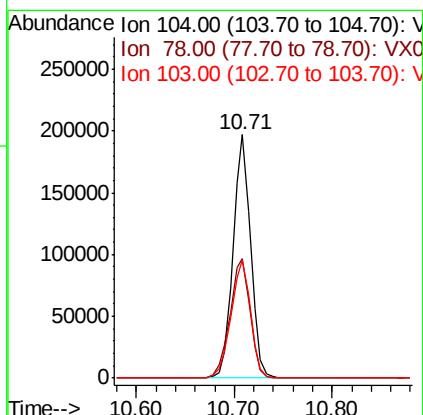
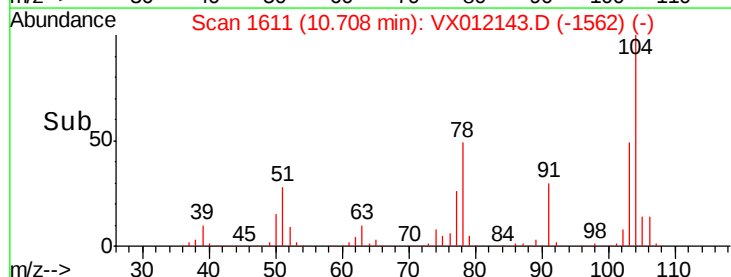
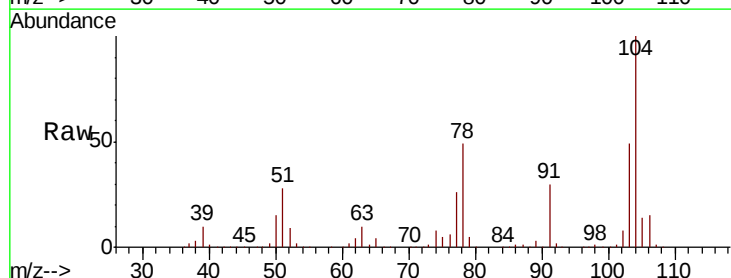
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

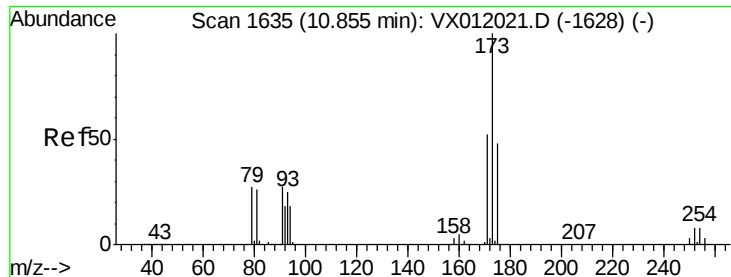
Tgt Ion:106 Resp: 137996
Ion Ratio Lower Upper
106 100
91 226.8 103.5 310.3



#70
Styrene
Concen: 52.181 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012143.D
Acq: 06 Sep 2019 12:47

Tgt Ion:104 Resp: 244644
Ion Ratio Lower Upper
104 100
78 56.4 39.1 58.7
103 54.3 43.4 65.2





#71

Bromoform

Concen: 48.727 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX012143.D

Acq: 06 Sep 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

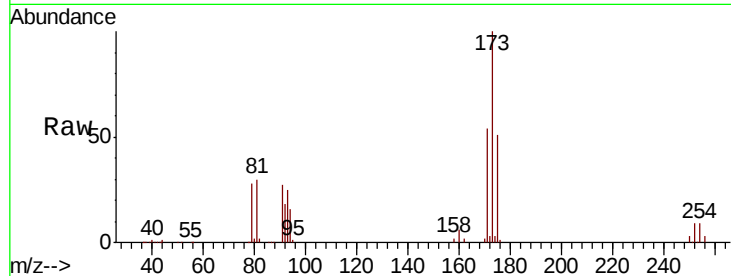
Tgt Ion:173 Resp: 40561

Ion Ratio Lower Upper

173 100

175 48.4 24.9 74.7

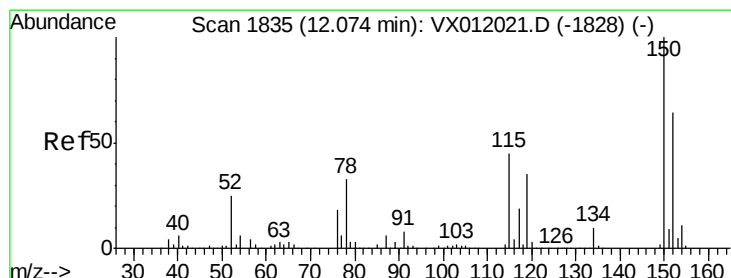
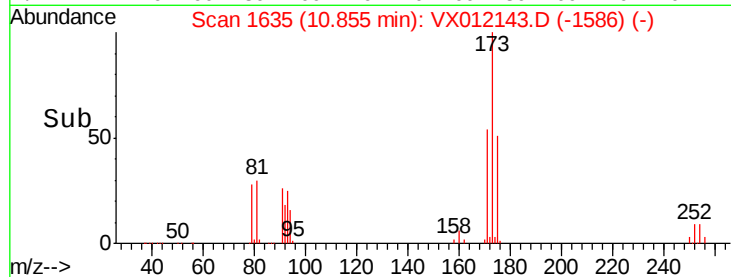
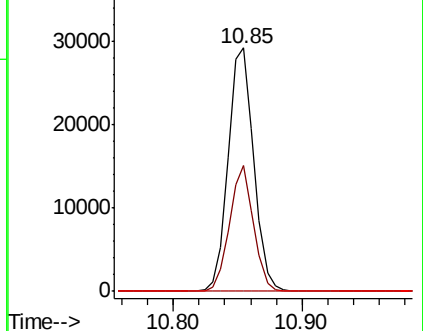
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012143.D

Acq: 06 Sep 2019 12:47

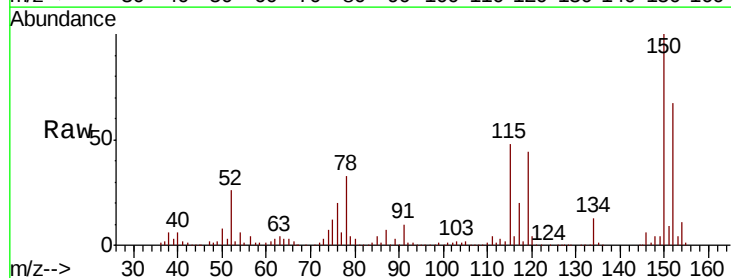
Tgt Ion:152 Resp: 102990

Ion Ratio Lower Upper

152 100

115 93.7 36.4 109.3

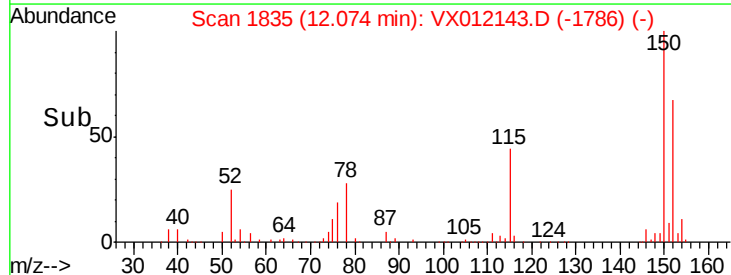
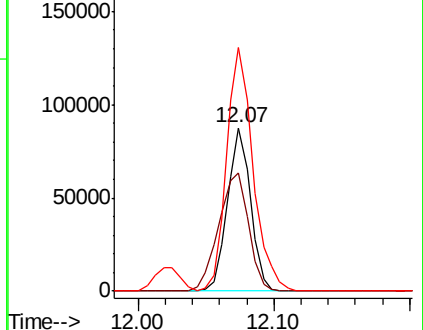
150 170.9 0.0 341.2

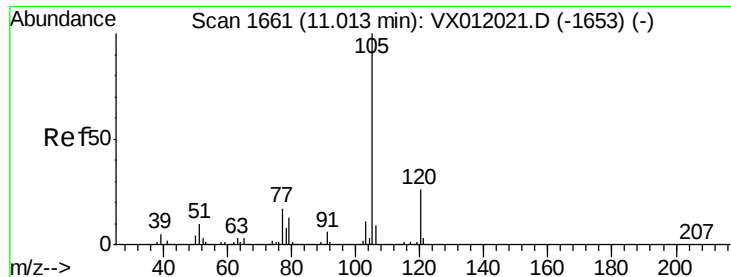


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.692 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012143.D

Acq: 06 Sep 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

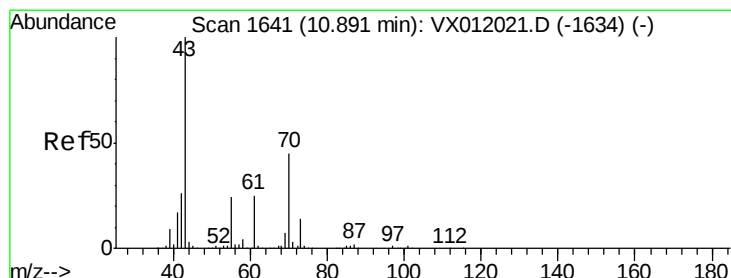
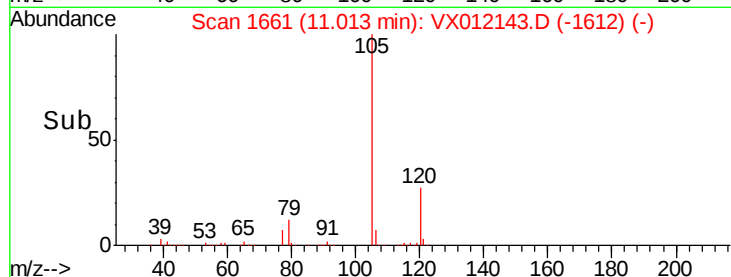
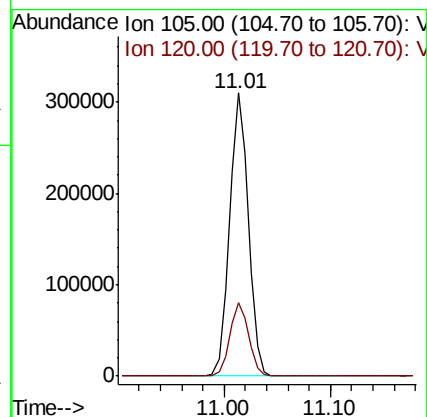
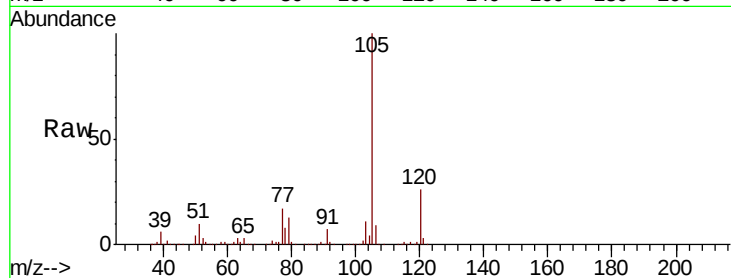
VSTDCCC050

Tgt Ion: 105 Resp: 383054

Ion Ratio Lower Upper

105 100

120 25.9 13.9 41.6



#74

N-ethyl acetate

Concen: 48.577 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012143.D

Acq: 06 Sep 2019 12:47

Tgt Ion: 43 Resp: 108532

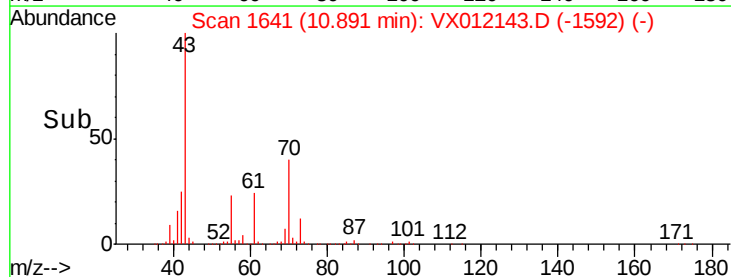
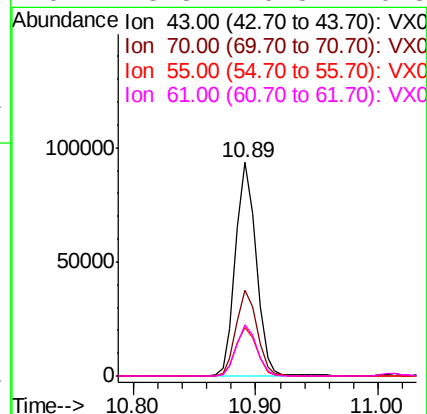
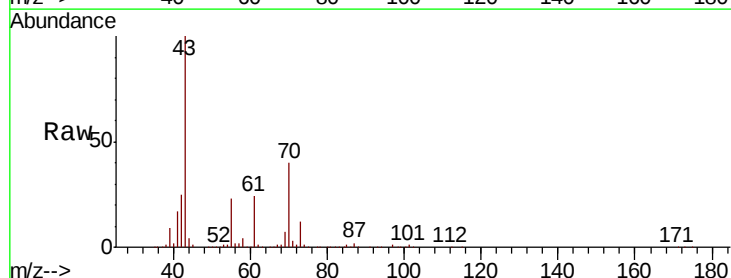
Ion Ratio Lower Upper

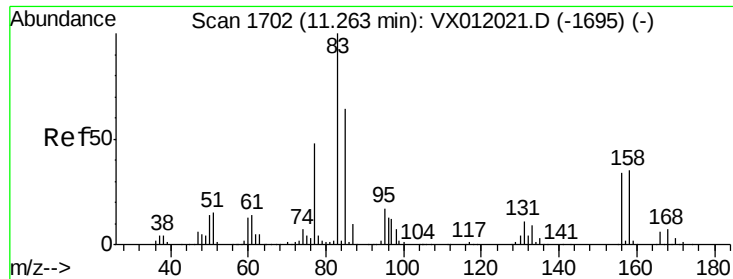
43 100

70 41.1 34.4 51.6

55 23.8 18.5 27.7

61 23.8 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 47.427 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012143.D

Acq: 06 Sep 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

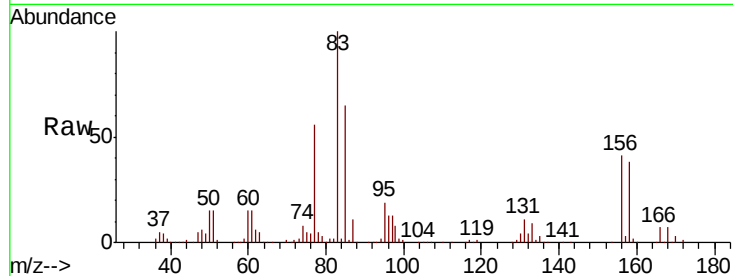
Tgt Ion: 83 Resp: 74713

Ion Ratio Lower Upper

83 100

131 10.8 6.3 19.1

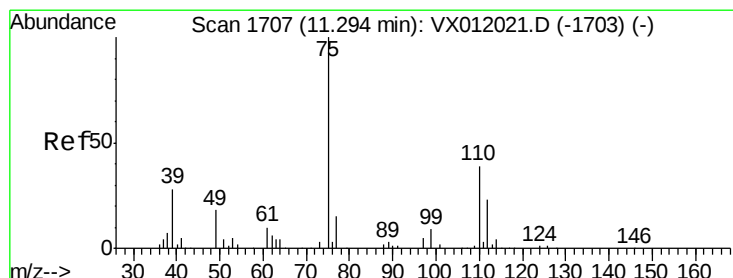
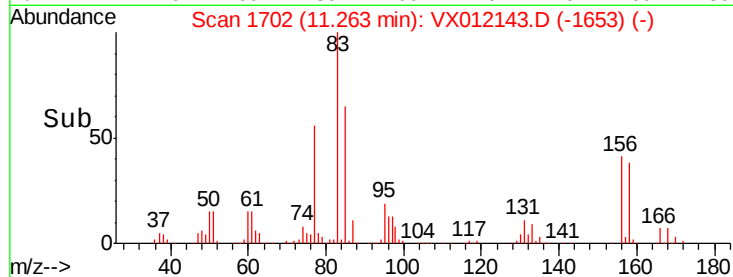
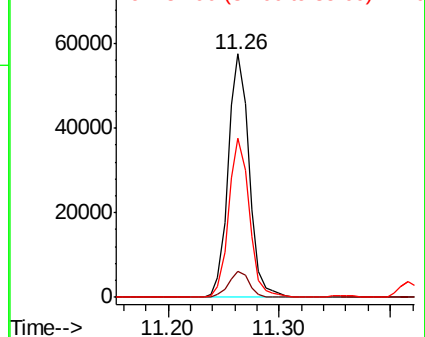
85 64.8 32.5 97.4



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: 67.833 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX012143.D

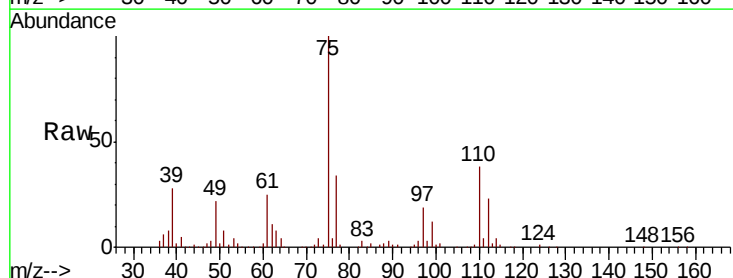
Acq: 06 Sep 2019 12:47

Tgt Ion: 75 Resp: 85360

Ion Ratio Lower Upper

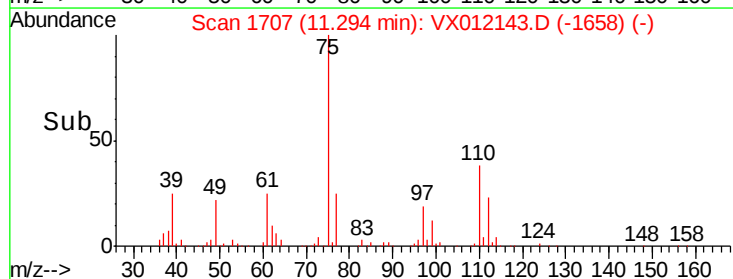
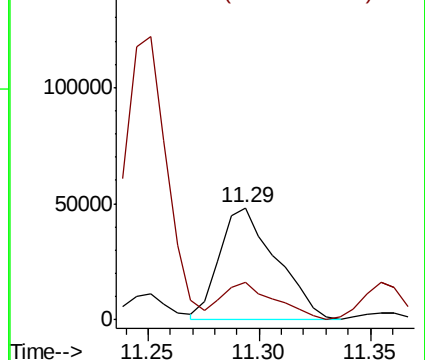
75 100

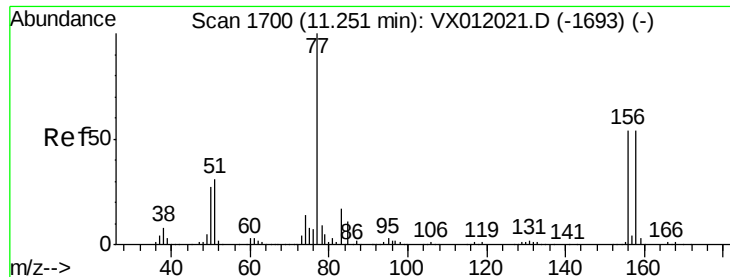
77 31.1 23.5 70.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.275 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012143.D

Acq: 06 Sep 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

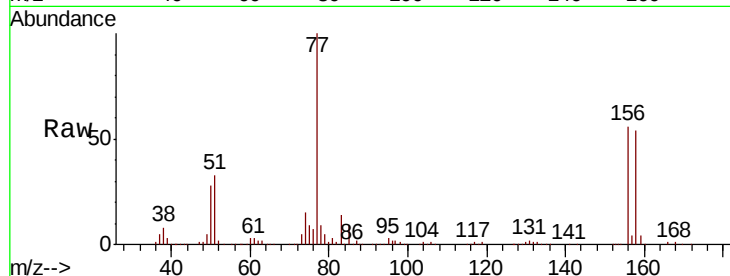
Tgt Ion:156 Resp: 86656

Ion Ratio Lower Upper

156 100

77 187.2 63.4 190.2

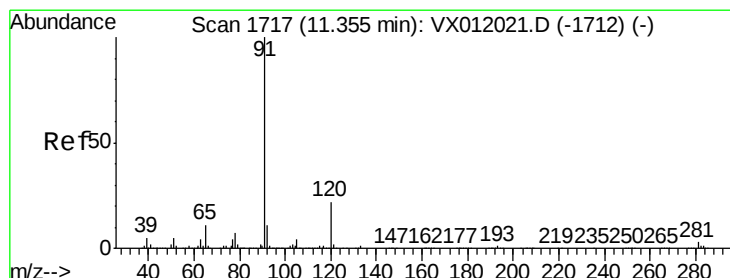
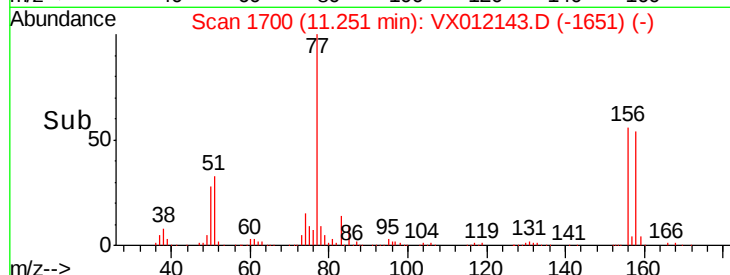
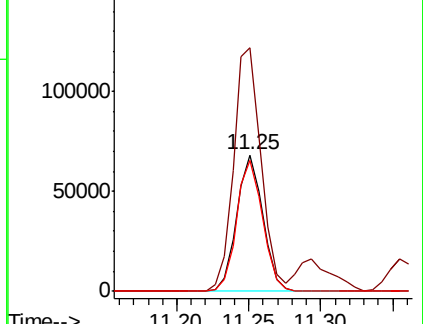
158 95.3 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.090 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012143.D

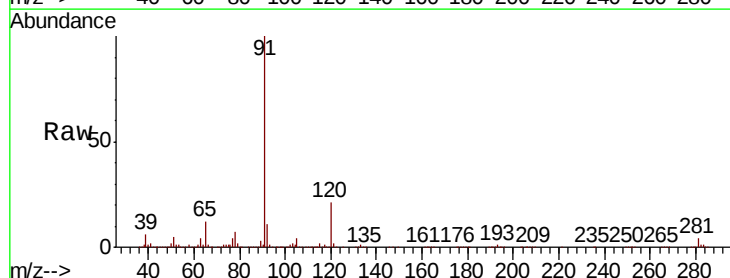
Acq: 06 Sep 2019 12:47

Tgt Ion: 91 Resp: 466410

Ion Ratio Lower Upper

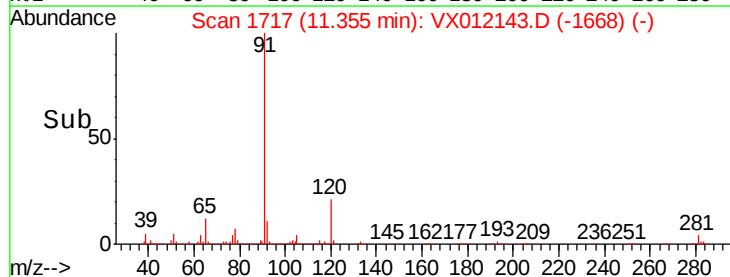
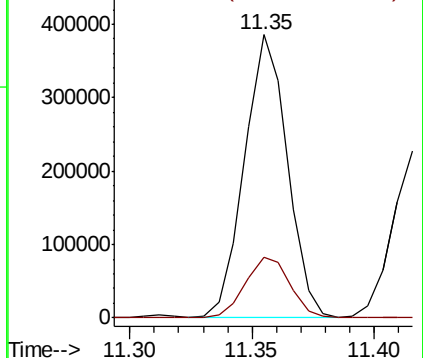
91 100

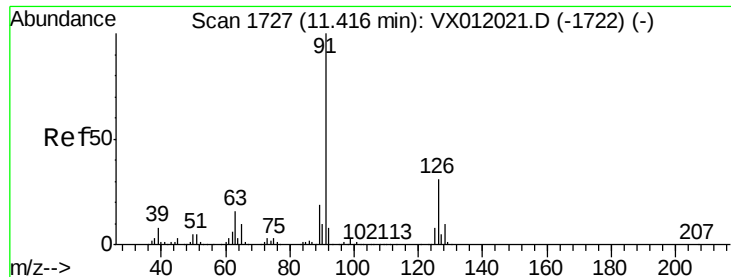
120 22.3 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.038 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX012143.D

Acq: 06 Sep 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

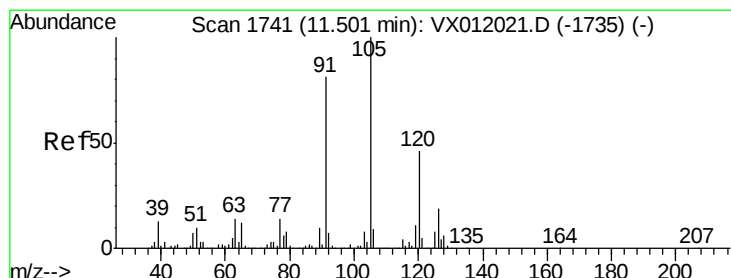
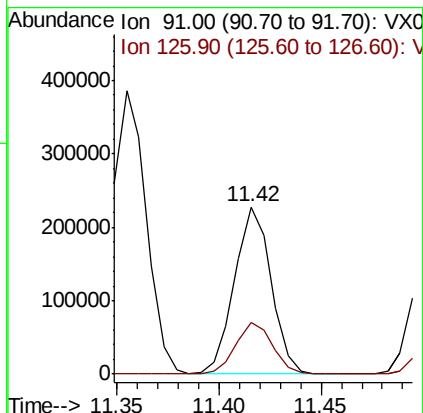
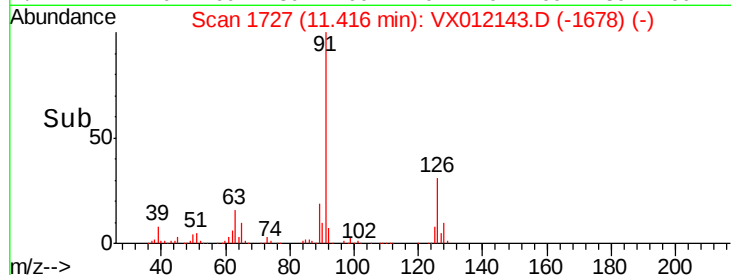
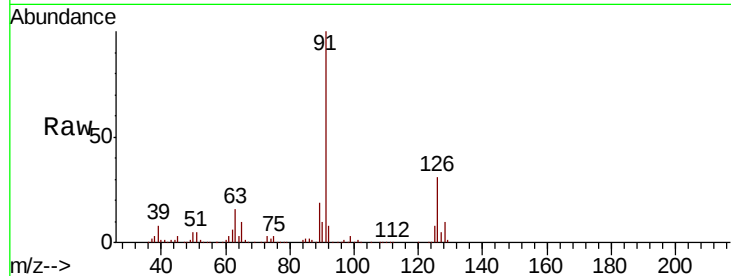
VSTDCCC050

Tgt Ion: 91 Resp: 282277

Ion Ratio Lower Upper

91 100

126 31.2 18.6 55.8



#80

1,3,5-Trimethylbenzene

Concen: 51.467 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX012143.D

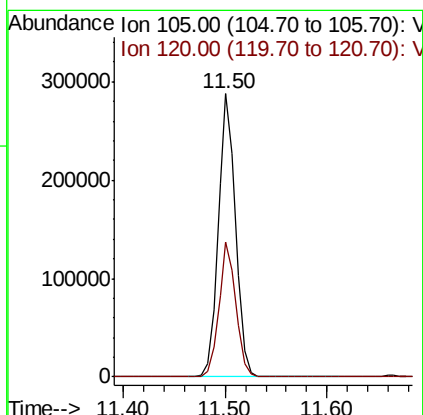
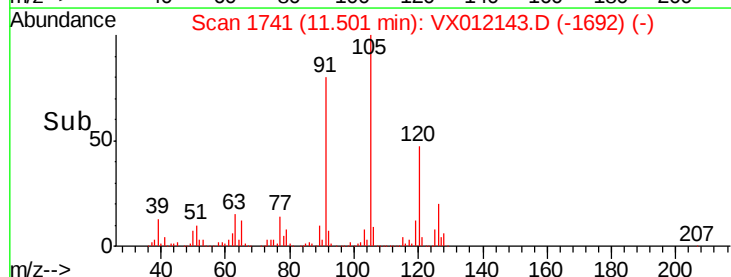
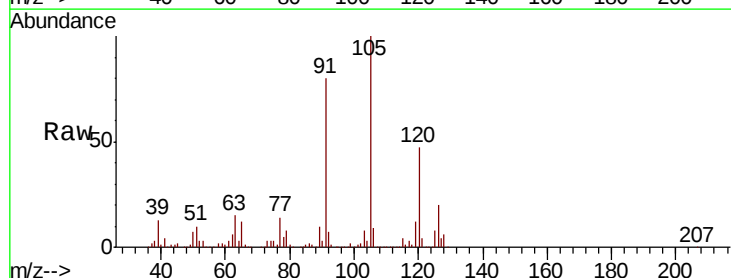
Acq: 06 Sep 2019 12:47

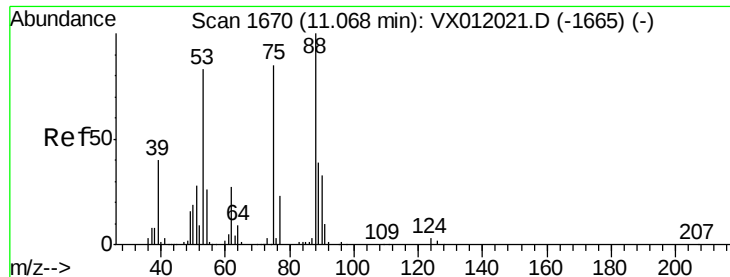
Tgt Ion: 105 Resp: 340817

Ion Ratio Lower Upper

105 100

120 46.7 25.8 77.3





#81

trans-1,4-Dichloro-2-butene

Concen: 44.879 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX012143.D

Acq: 06 Sep 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

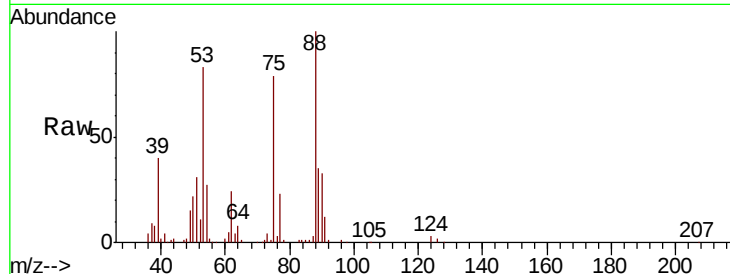
Tgt Ion: 75 Resp: 23888

Ion Ratio Lower Upper

75 100

53 108.1 78.6 117.8

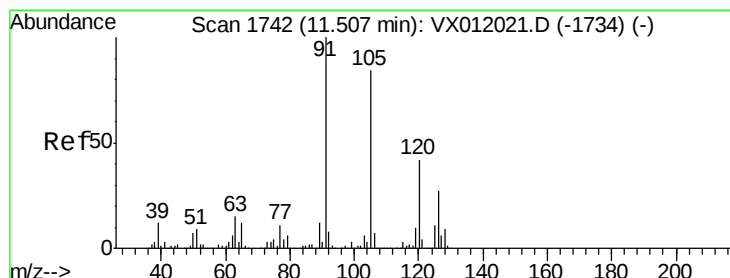
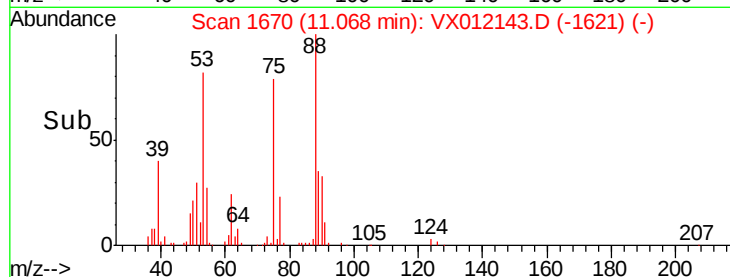
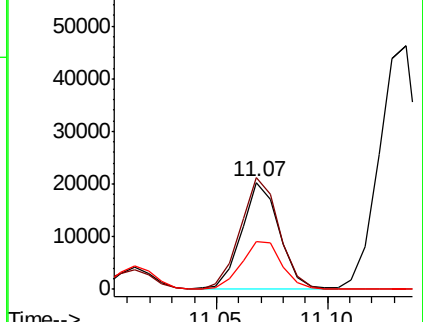
89 48.8 38.8 58.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 51.217 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012143.D

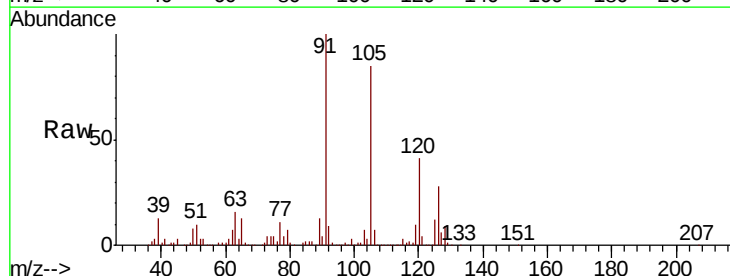
Acq: 06 Sep 2019 12:47

Tgt Ion: 91 Resp: 337629

Ion Ratio Lower Upper

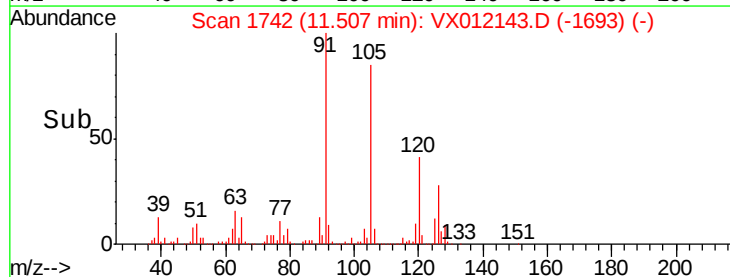
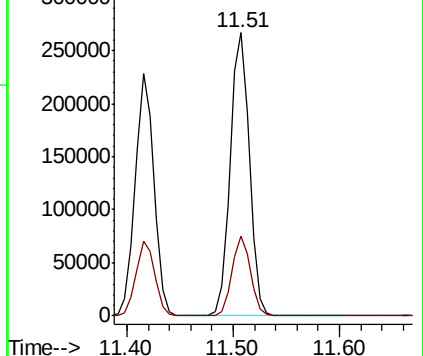
91 100

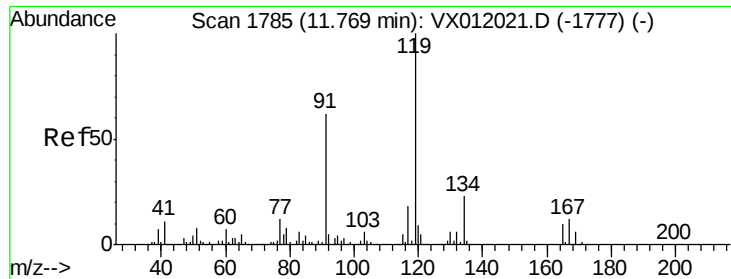
126 27.3 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

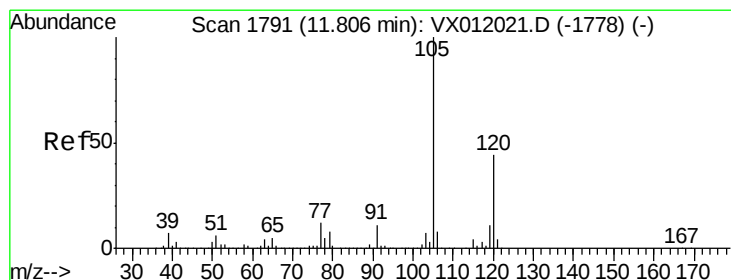
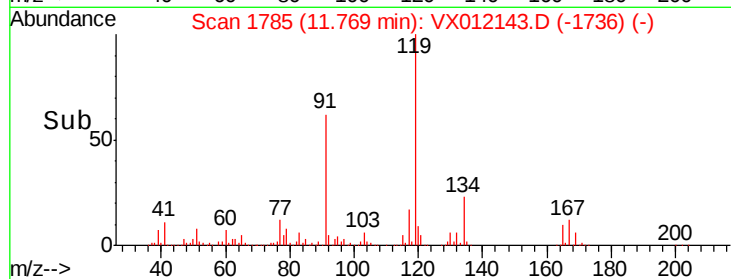
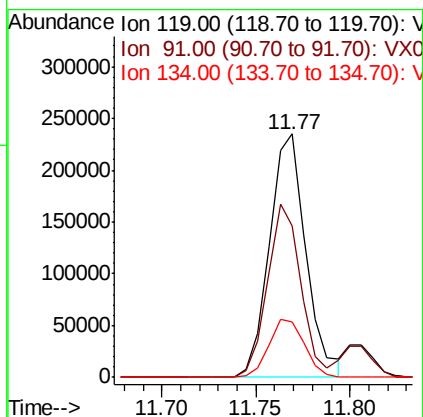
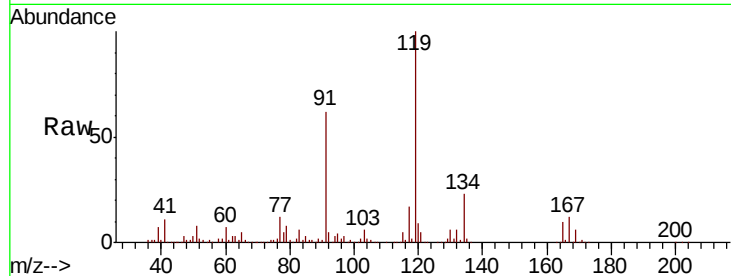




#83
 tert-Butylbenzene
 Concen: 50.006 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: VX012143.D
 Acq: 06 Sep 2019 12:47

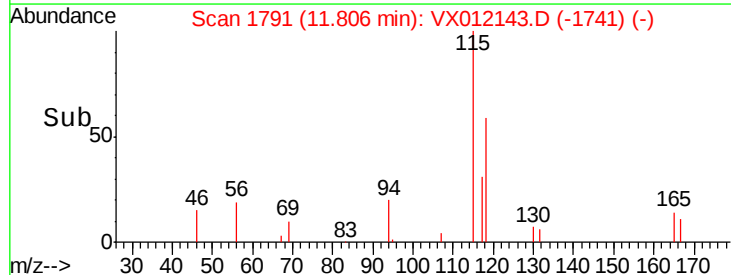
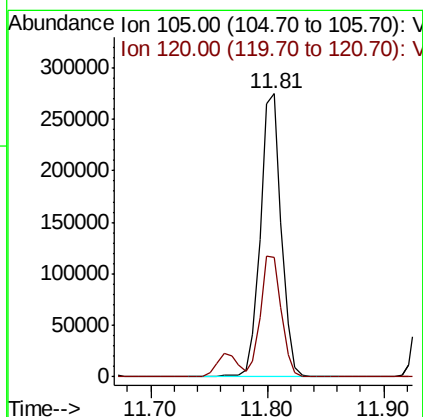
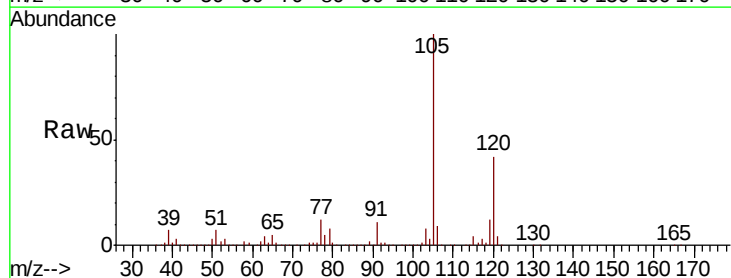
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

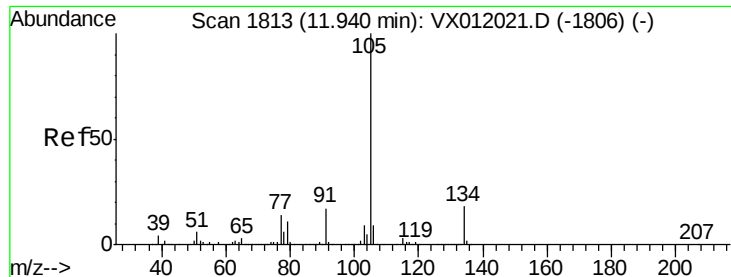
Tgt Ion:119 Resp: 315620
 Ion Ratio Lower Upper
 119 100
 91 64.9 27.1 81.2
 134 23.1 12.1 36.3



#84
 1,2,4-Trimethylbenzene
 Concen: 50.554 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: VX012143.D
 Acq: 06 Sep 2019 12:47

Tgt Ion:105 Resp: 344071
 Ion Ratio Lower Upper
 105 100
 120 42.7 23.6 70.8





#85

sec-Butylbenzene

Concen: 49.448 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012143.D

Acq: 06 Sep 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

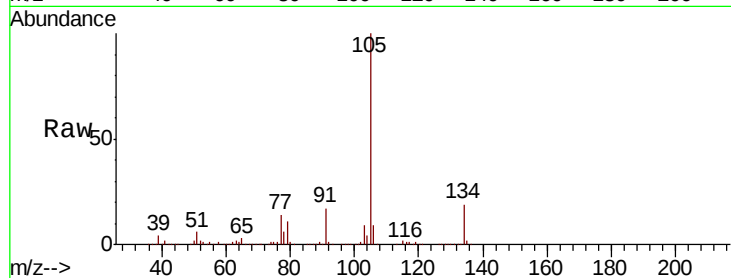
VSTDCCC050

Tgt Ion:105 Resp: 387649

Ion Ratio Lower Upper

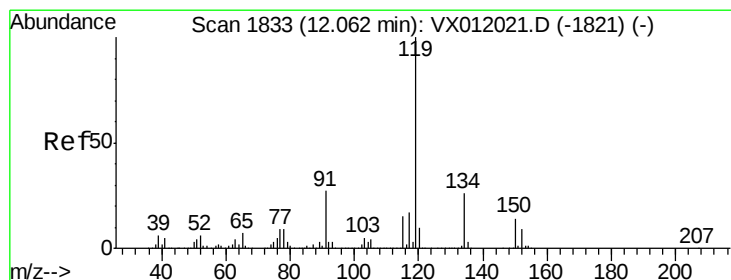
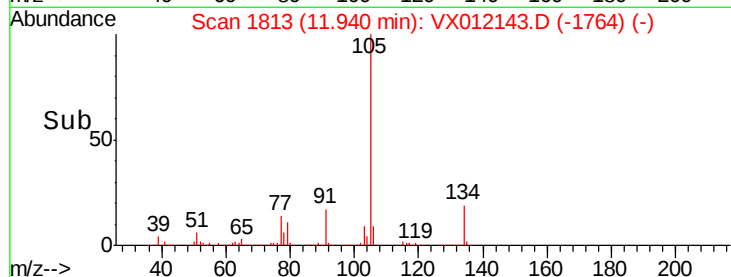
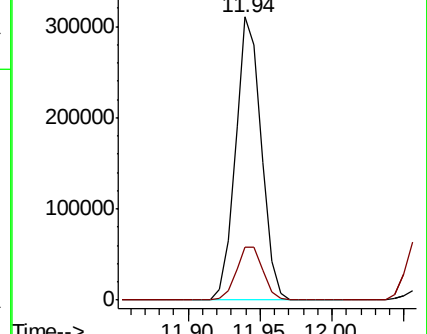
105 100

134 19.6 11.2 33.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.479 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012143.D

Acq: 06 Sep 2019 12:47

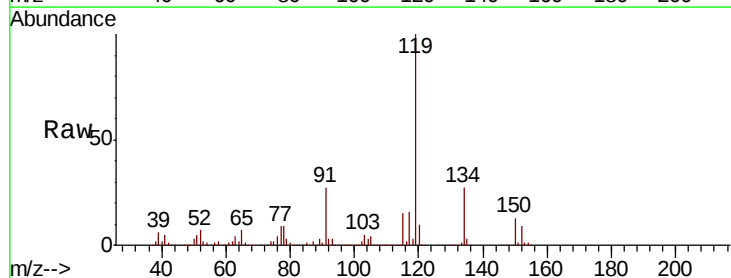
Tgt Ion:119 Resp: 352767

Ion Ratio Lower Upper

119 100

134 25.5 13.7 41.1

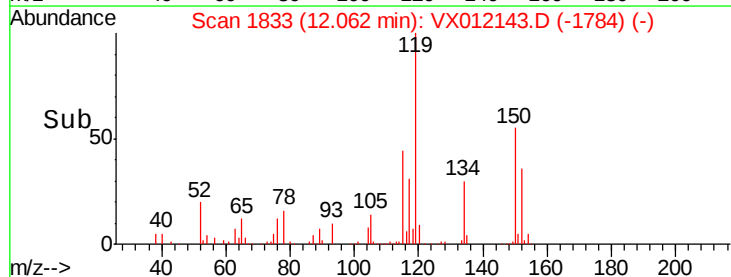
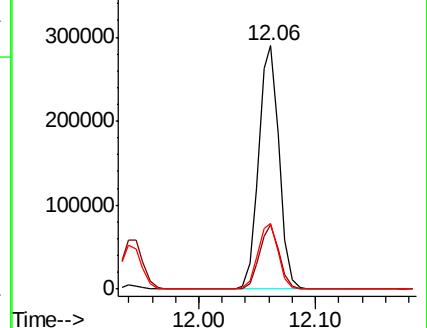
91 27.0 11.4 34.1

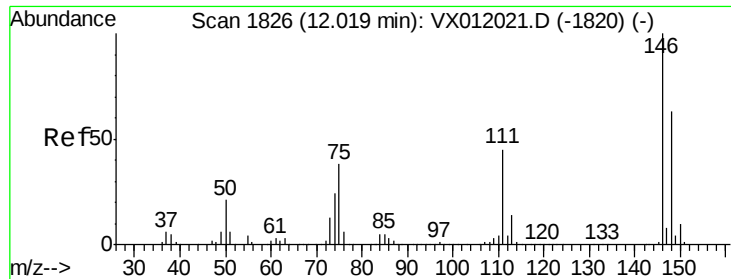


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

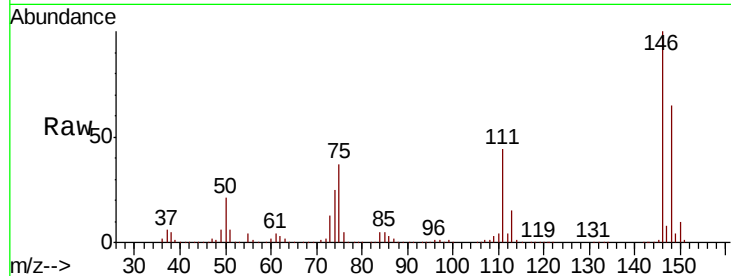




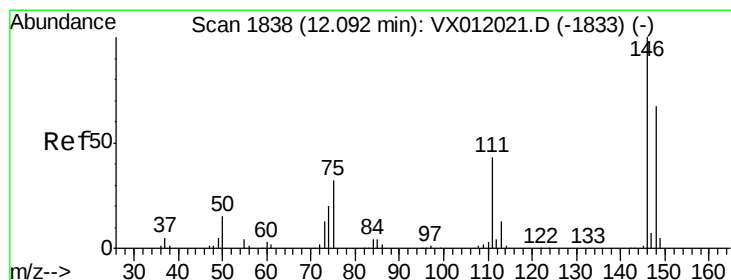
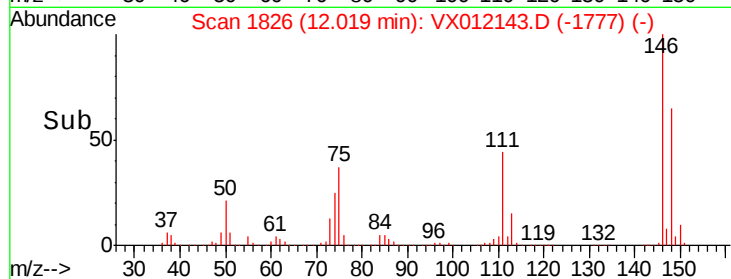
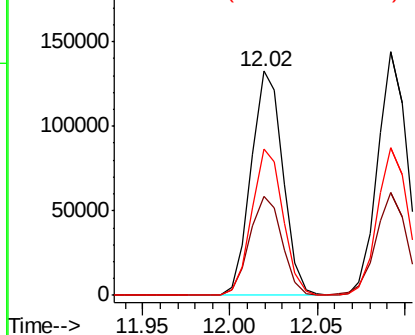
#87
 1,3-Dichlorobenzene
 Concen: 49.893 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012143.D
 Acq: 06 Sep 2019 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:146 Resp: 168962
 Ion Ratio Lower Upper
 146 100
 111 44.9 18.1 54.1
 148 64.3 32.6 97.8

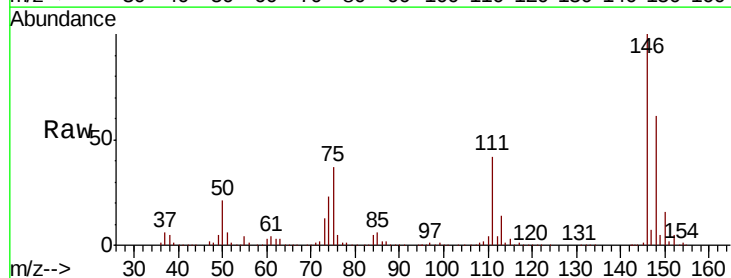


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

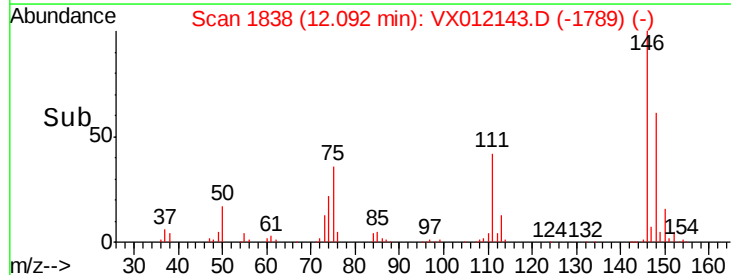
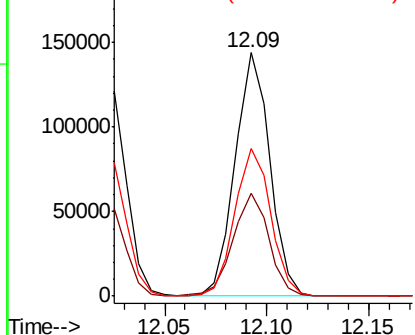


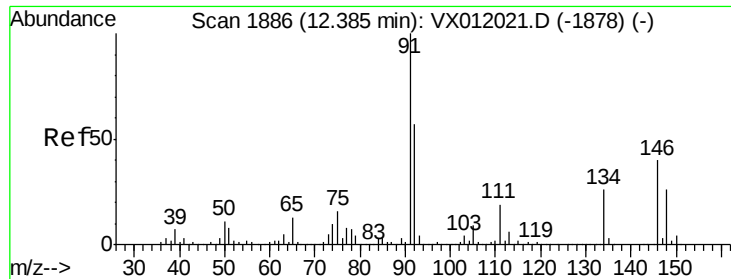
#88
 1,4-Dichlorobenzene
 Concen: 50.036 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012143.D
 Acq: 06 Sep 2019 12:47

Tgt Ion:146 Resp: 169427
 Ion Ratio Lower Upper
 146 100
 111 43.8 17.7 53.1
 148 63.2 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 49.366 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012143.D

Acq: 06 Sep 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

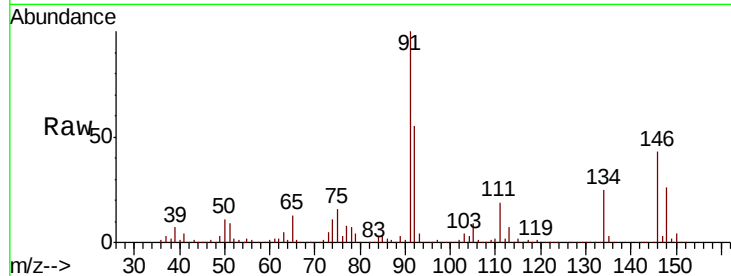
Tgt Ion: 91 Resp: 341895

Ion Ratio Lower Upper

91 100

92 54.8 27.6 82.8

134 24.8 15.4 46.1

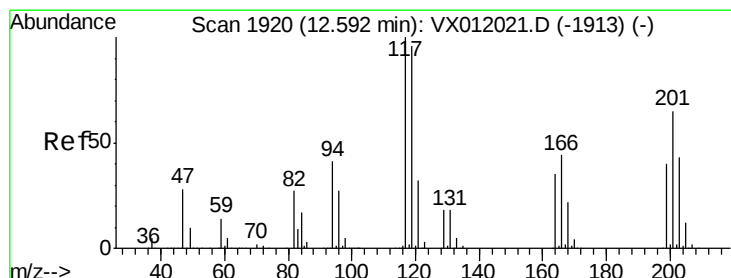
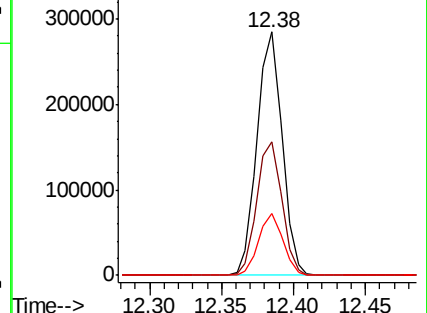
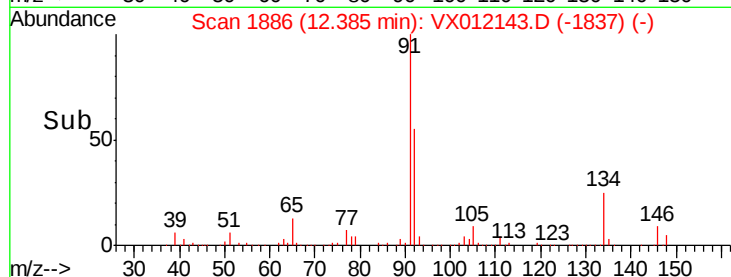


Abundance Ion 91.00 (90.70 to 91.70): VX012021.D (-1878) (-)

Ion 92.00 (91.70 to 92.70): VX012021.D (-1878) (-)

Ion 134.00 (133.70 to 134.70): VX012021.D (-1878) (-)

Time-->



#90

Hexachloroethane

Concen: 47.509 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX012143.D

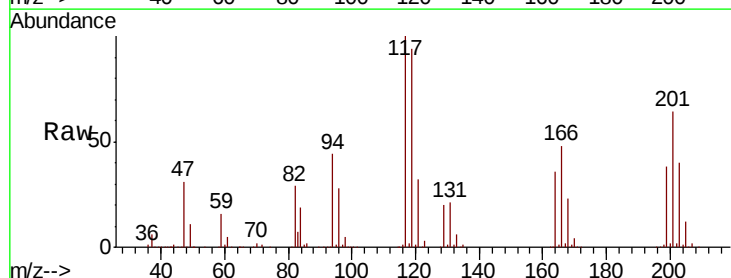
Acq: 06 Sep 2019 12:47

Tgt Ion: 117 Resp: 67632

Ion Ratio Lower Upper

117 100

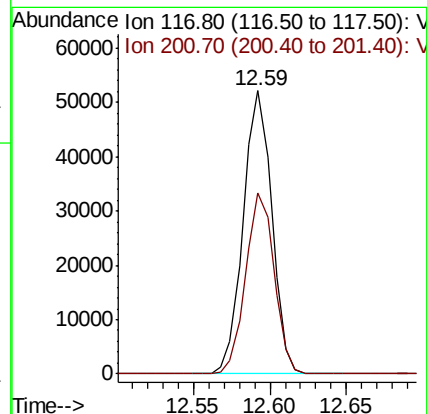
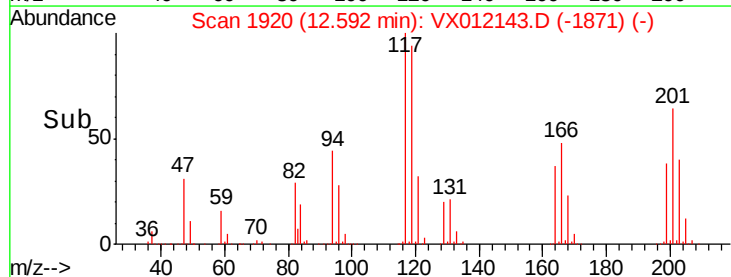
201 63.9 55.0 165.2

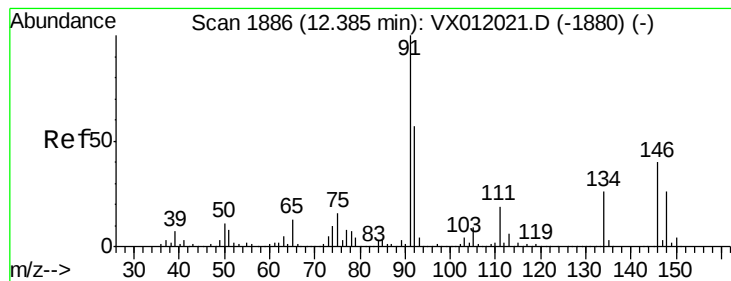


Abundance Ion 116.80 (116.50 to 117.50): VX012021.D (-1913) (-)

Ion 200.70 (200.40 to 201.40): VX012021.D (-1913) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 50.145 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012143.D

Acq: 06 Sep 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

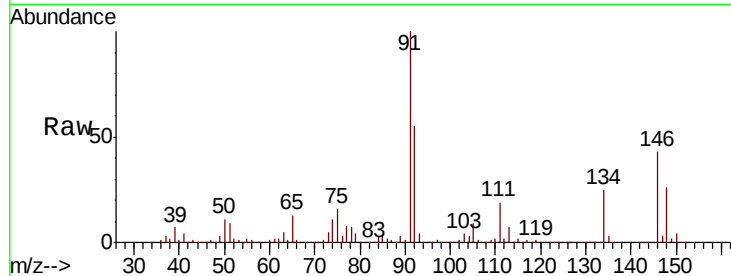
Tgt Ion:146 Resp: 152939

Ion Ratio Lower Upper

146 100

111 45.8 18.6 56.0

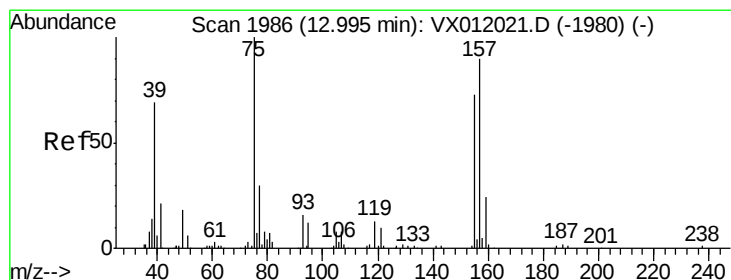
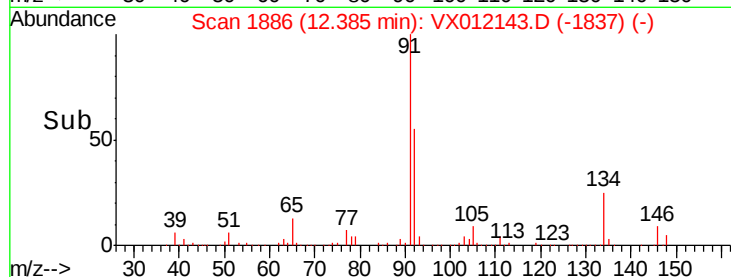
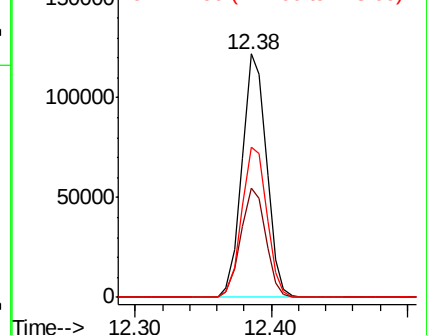
148 63.5 32.4 97.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.759 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX012143.D

Acq: 06 Sep 2019 12:47

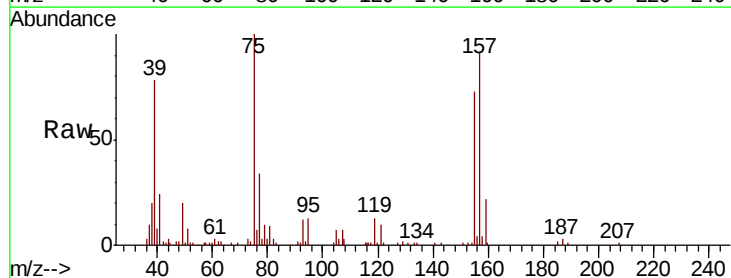
Tgt Ion: 75 Resp: 14755

Ion Ratio Lower Upper

75 100

155 69.5 51.7 155.2

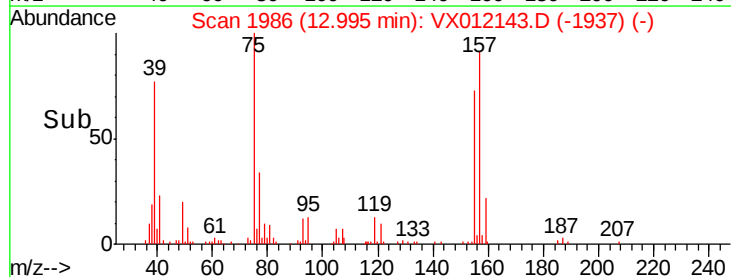
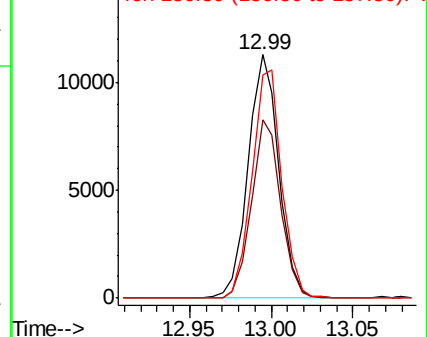
157 91.2 66.9 200.7

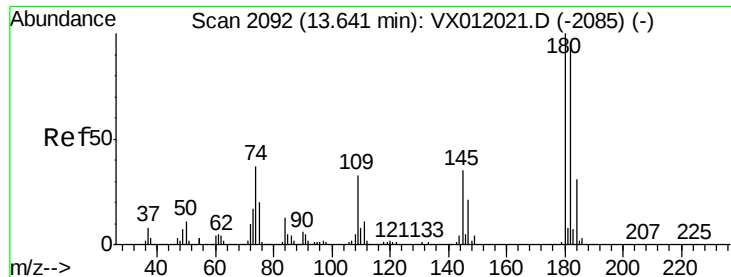


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

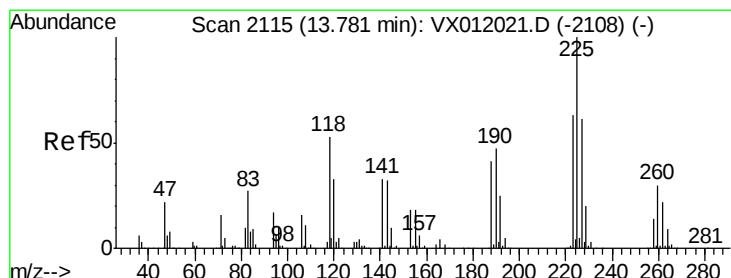
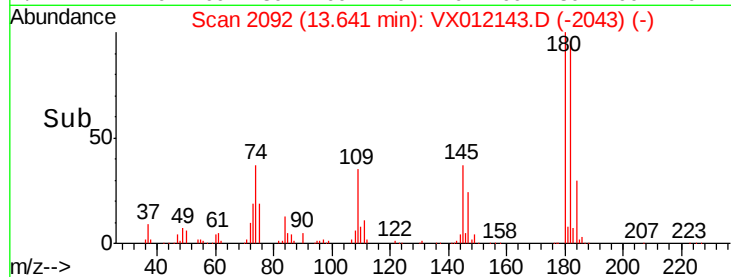
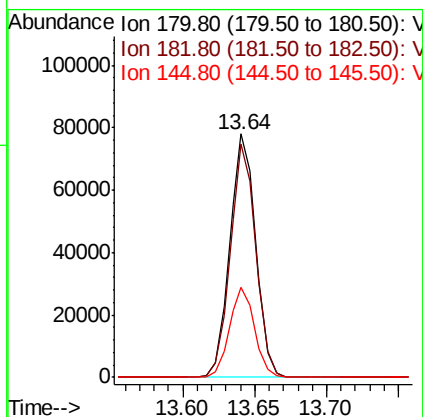
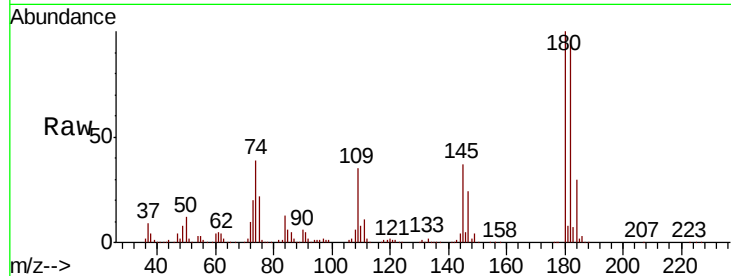




#93
 1,2,4-Trichlorobenzene
 Concen: 45.259 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012143.D
 Acq: 06 Sep 2019 12:47

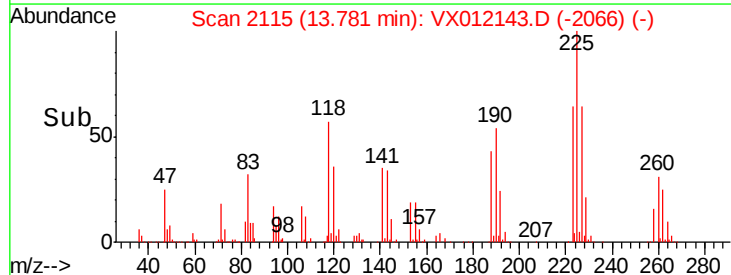
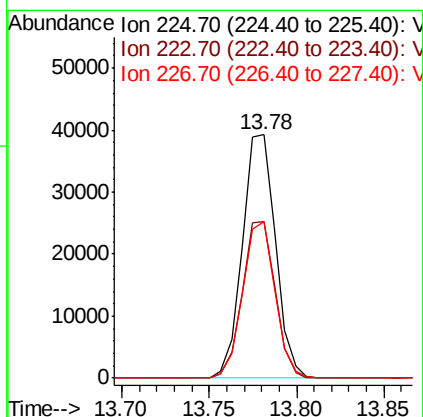
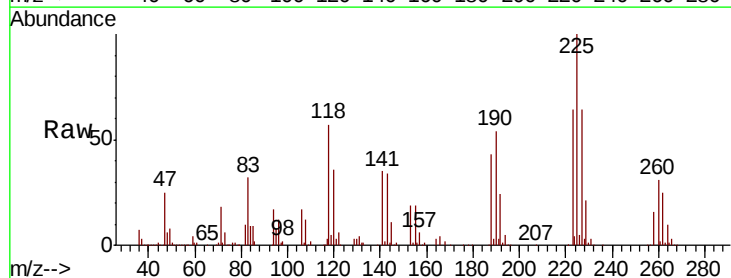
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

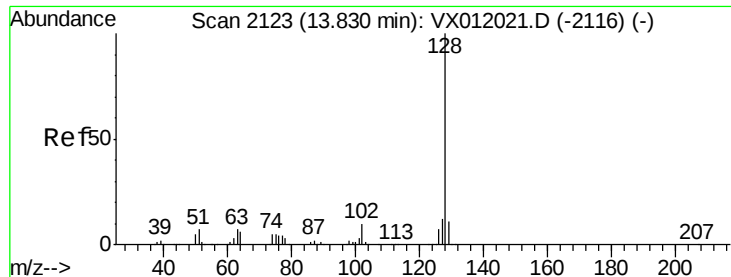
Tgt Ion:180 Resp: 98251
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.3 142.0
 145 35.9 13.7 41.0



#94
 Hexachlorobutadiene
 Concen: 47.153 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VX012143.D
 Acq: 06 Sep 2019 12:47

Tgt Ion:225 Resp: 51599
 Ion Ratio Lower Upper
 225 100
 223 63.9 31.6 95.0
 227 62.5 32.5 97.5

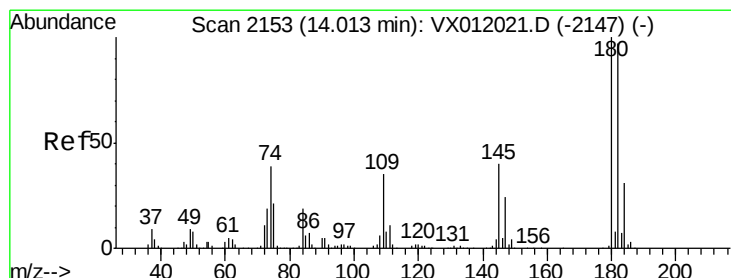
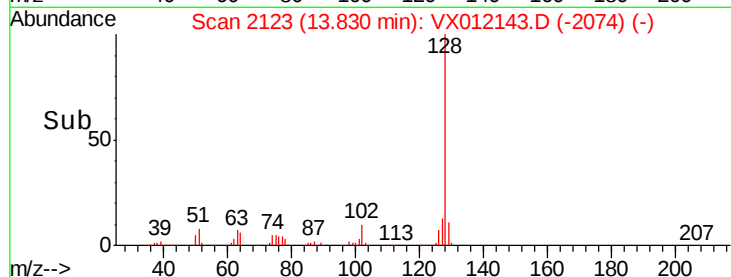
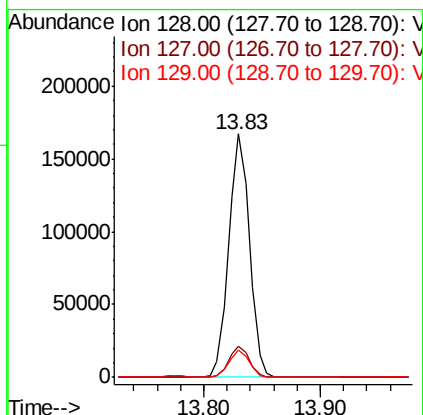
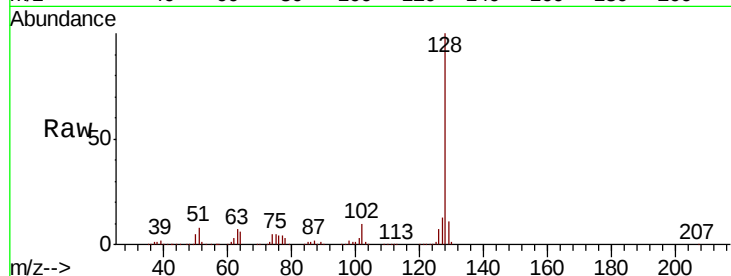




#95
Naphthalene
Concen: 44.070 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012143.D
Acq: 06 Sep 2019 12:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 207054
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 45.739 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX012143.D
Acq: 06 Sep 2019 12:47

Tgt Ion:180 Resp: 87355
Ion Ratio Lower Upper
180 100
182 92.6 47.9 143.6
145 36.9 14.1 42.4

