

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052119\
 Data File : VX009742.D
 Acq On : 21 May 2019 12:12
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: May 22 07:03:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	175654	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	272692	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	251434	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	126116	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	99694	41.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.16%	
35) Dibromofluoromethane	5.49	113	73859	43.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.18%	
50) Toluene-d8	8.71	98	291332	42.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.18%	
62) 4-Bromofluorobenzene	11.13	95	112607	44.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	75692	46.762	ug/l	98
3) Chloromethane	1.32	50	111930	50.649	ug/l	99
4) Vinyl Chloride	1.41	62	107242	49.766	ug/l	98
5) Bromomethane	1.64	94	67300	52.032	ug/l	96
6) Chloroethane	1.71	64	66145	47.808	ug/l	99
7) Trichlorofluoromethane	1.92	101	131381	50.156	ug/l	96
8) Diethyl Ether	2.18	74	58935	47.498	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	80815	49.130	ug/l	99
10) Methyl Iodide	2.51	142	91234	47.944	ug/l	99
11) Tert butyl alcohol	3.05	59	121495	218.889	ug/l	99
12) 1,1-Dichloroethene	2.37	96	80536	48.865	ug/l	99
13) Acrolein	2.29	56	99723	198.385	ug/l	99
14) Allyl chloride	2.73	41	194886	48.521	ug/l	98
15) Acrylonitrile	3.14	53	317637	234.048	ug/l	99
16) Acetone	2.45	43	312345	242.585	ug/l	98
17) Carbon Disulfide	2.57	76	243035	52.522	ug/l	100
18) Methyl Acetate	2.77	43	132859	43.388	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	306106	47.828	ug/l	99
20) Methylene Chloride	2.85	84	95815	45.960	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	88021	49.245	ug/l	98
22) Diisopropyl ether	3.85	45	374600	48.497	ug/l	97
23) Vinyl Acetate	3.81	43	1691021	255.659	ug/l	99
24) 1,1-Dichloroethane	3.69	63	178994	46.974	ug/l	100
25) 2-Butanone	4.67	43	485406	242.600	ug/l	99
26) 2,2-Dichloropropane	4.58	77	138540	48.846	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	101128	47.400	ug/l	98
28) Bromochloromethane	5.01	49	65073	41.984	ug/l	98
29) Tetrahydrofuran	5.12	42	312531	242.736	ug/l	97
30) Chloroform	5.21	83	165743	48.093	ug/l	98
31) Cyclohexane	5.57	56	183576	51.783	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	139099	48.485	ug/l	99
36) 1,1-Dichloropropene	5.79	75	132160	52.151	ug/l	99
37) Ethyl Acetate	4.83	43	179666	50.885	ug/l	99
38) Carbon Tetrachloride	5.78	117	117150	50.881	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	168989	54.299	ug/l	99
40) Benzene	6.14	78	392703	50.072	ug/l	100
41) Methacrylonitrile	5.04	41	101601	48.340	ug/l	99
42) 1,2-Dichloroethane	6.19	62	143070	50.854	ug/l	98
43) Isopropyl Acetate	6.44	43	288714	51.120	ug/l	99
44) Trichloroethene	7.21	130	93944	49.548	ug/l	95
45) 1,2-Dichloropropane	7.51	63	111377	50.153	ug/l	99
46) Dibromomethane	7.66	93	63158	48.974	ug/l	99
47) Bromodichloromethane	7.90	83	128663	50.016	ug/l	98
48) Methyl methacrylate	7.77	41	145943	52.085	ug/l	98
49) 1,4-Dioxane	7.74	88	48388	851.540	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	944718	255.917	ug/l	99
52) Toluene	8.78	92	242437	50.853	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	153421	52.825	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	167594	52.135	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	96484	49.607	ug/l	97
56) Ethyl methacrylate	9.18	69	177718	51.188	ug/l	97
57) 1,3-Dichloropropane	9.37	76	169878	49.633	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	355467	192.997	ug/l	99
59) 2-Hexanone	9.49	43	737291	254.303	ug/l	98
60) Dibromochloromethane	9.58	129	96800	50.957	ug/l	99
61) 1,2-Dibromoethane	9.67	107	99200	50.527	ug/l	98
64) Tetrachloroethene	9.34	164	87421	50.687	ug/l	99
65) Chlorobenzene	10.13	112	249688	49.642	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	89063	48.841	ug/l	99
67) Ethyl Benzene	10.25	91	473643	51.167	ug/l	100
68) m/p-Xylenes	10.35	106	348519	103.029	ug/l	99
69) o-Xylene	10.69	106	167602	50.217	ug/l	99
70) Styrene	10.71	104	296045	51.034	ug/l	99
71) Bromoform	10.85	173	76151	51.388	ug/l	99
73) Isopropylbenzene	11.02	105	453251	49.422	ug/l	100
74) N-amyl acetate	10.90	43	266221	49.791	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	159823	46.748	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	191453	65.444	ug/l	81
77) Bromobenzene	11.26	156	111766	49.100	ug/l	100
78) n-propylbenzene	11.36	91	536092	51.184	ug/l	100
79) 2-Chlorotoluene	11.42	91	314058	48.602	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	387826	50.223	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	56279	49.223	ug/l	97
82) 4-Chlorotoluene	11.51	91	365020	50.003	ug/l	100
83) tert-Butylbenzene	11.77	119	369671	49.211	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	389699	50.278	ug/l	99
85) sec-Butylbenzene	11.94	105	449537	50.476	ug/l	100
86) p-Isopropyltoluene	12.06	119	412478	51.518	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	200960	49.523	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	201624	49.284	ug/l	100
89) n-Butylbenzene	12.38	91	386864	53.460	ug/l	99
90) Hexachloroethane	12.59	117	69484	50.940	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	198495	48.025	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35438	46.207	ug/l	99

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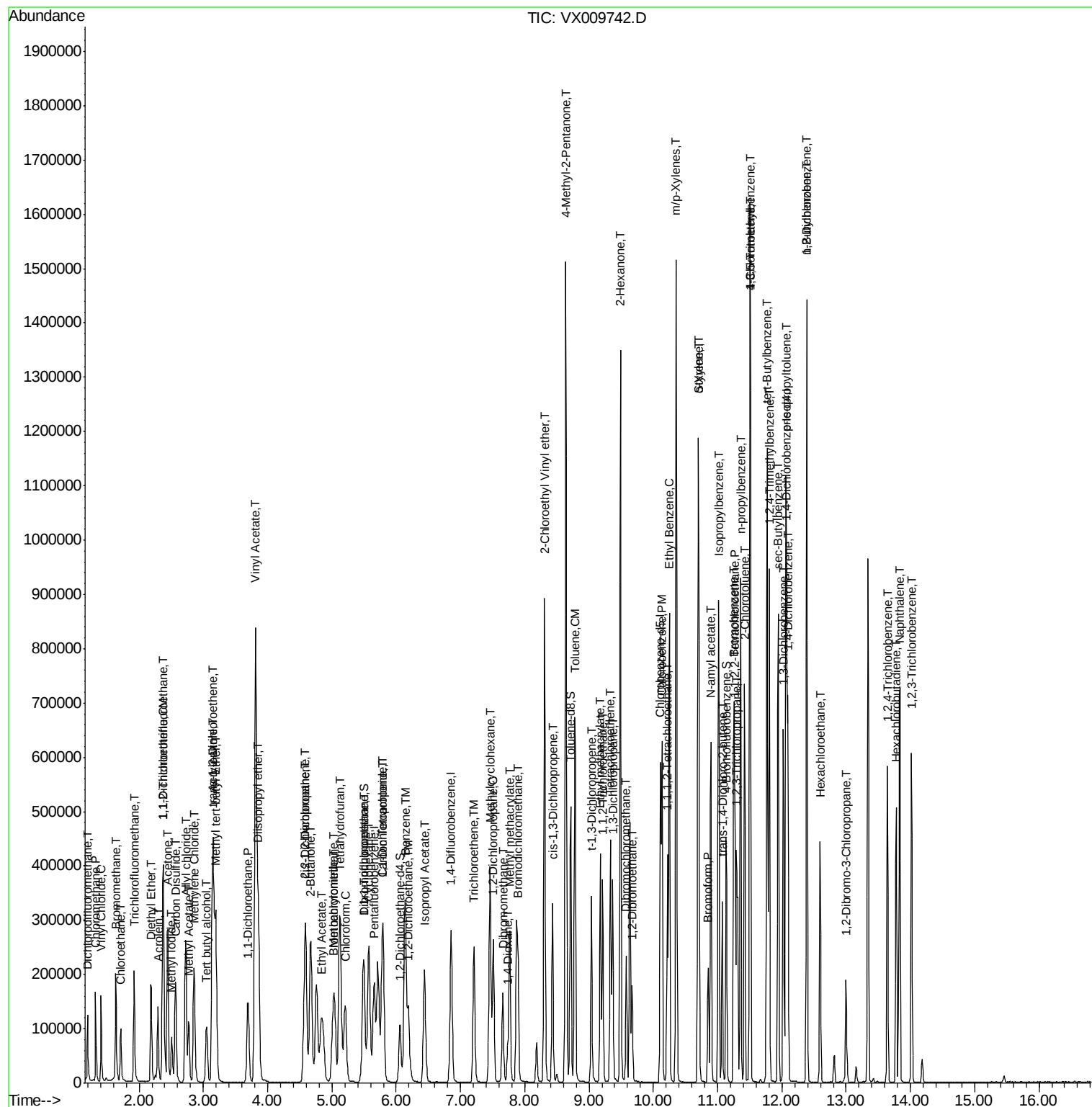
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	145550	51.497	ug/l	98
94) Hexachlorobutadiene	13.78	225	76105	52.729	ug/l	99
95) Naphthalene	13.83	128	441107	47.970	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	142274	49.659	ug/l	99

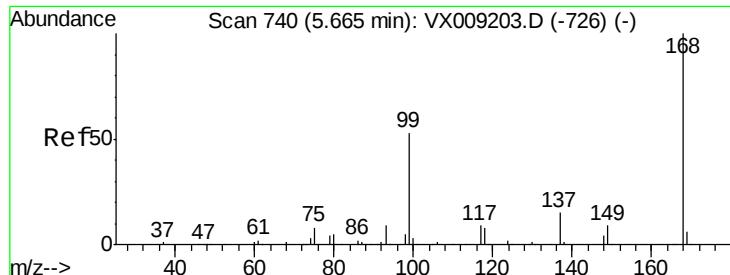
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052119\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009742.D

Acq: 21 May 2019 12:12

Instrument :

MSVOA_X

ClientSampleId :

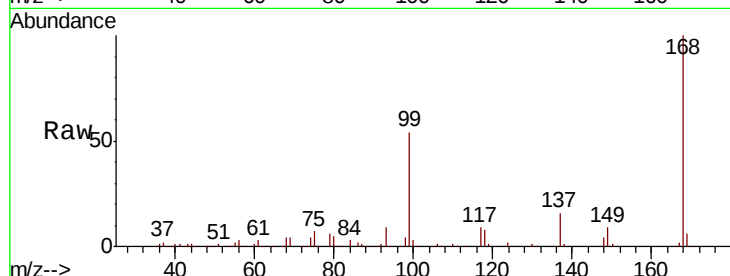
VSTDCCC050

Tot Ion:168 Resp: 175654

Ion Ratio Lower Upper

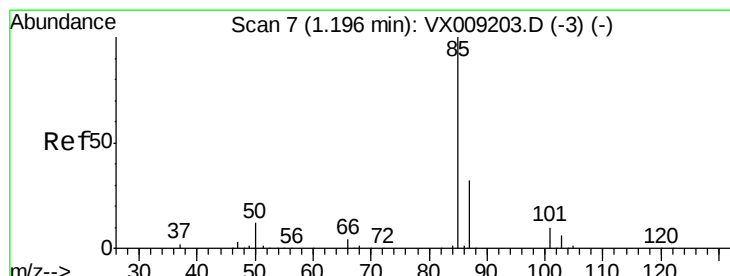
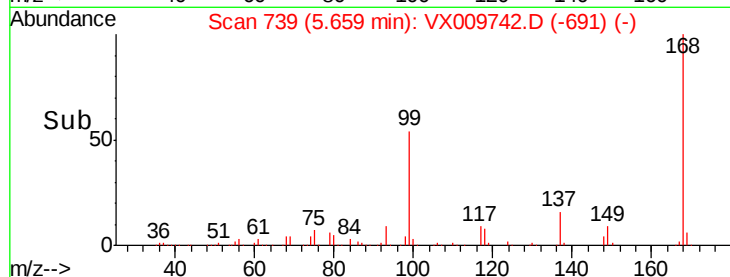
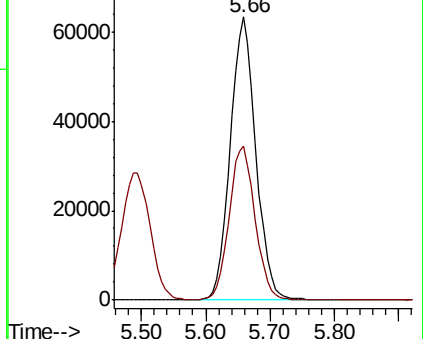
168 100

99 54.2 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 46.762 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009742.D

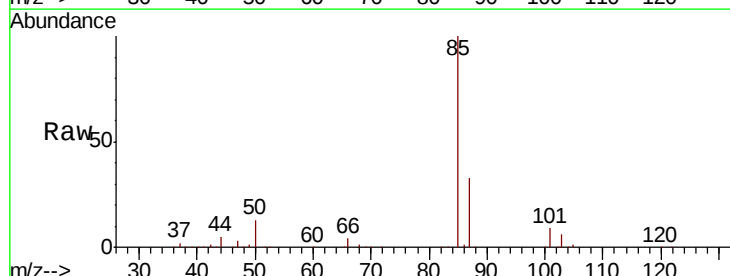
Acq: 21 May 2019 12:12

Tgt Ion: 85 Resp: 75692

Ion Ratio Lower Upper

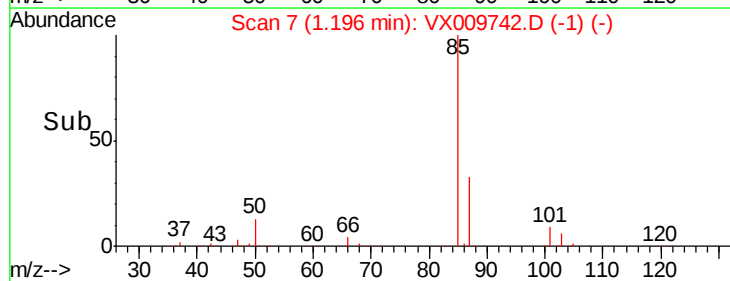
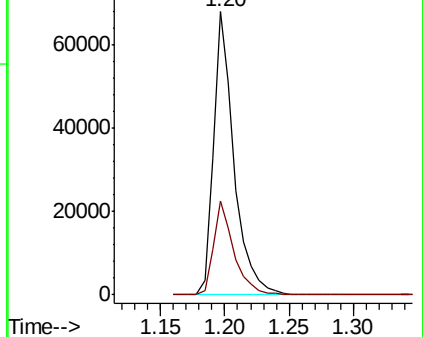
85 100

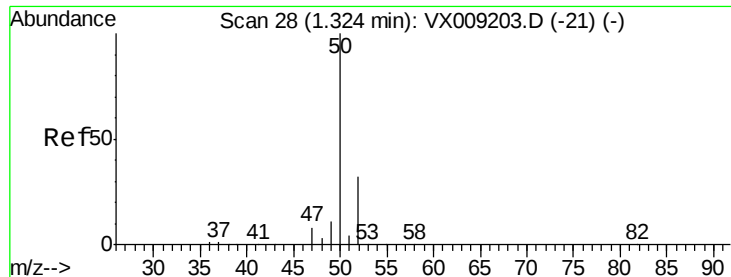
87 33.2 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 50.649 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009742.D

Acq: 21 May 2019 12:12

Instrument :

MSVOA_X

ClientSampleId :

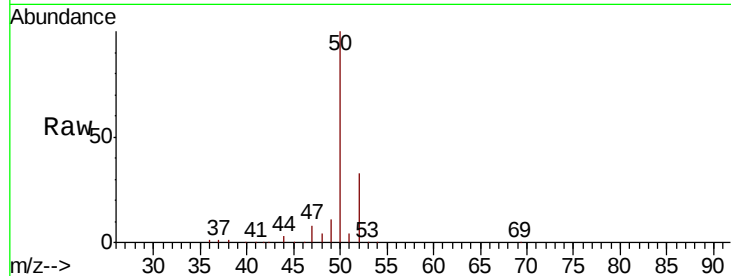
VSTDCCC050

Tot Ion: 50 Resp: 111930

Ion Ratio Lower Upper

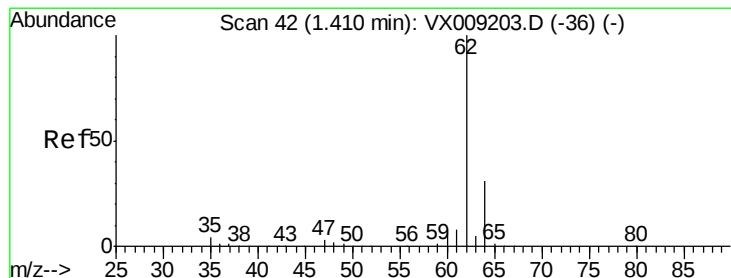
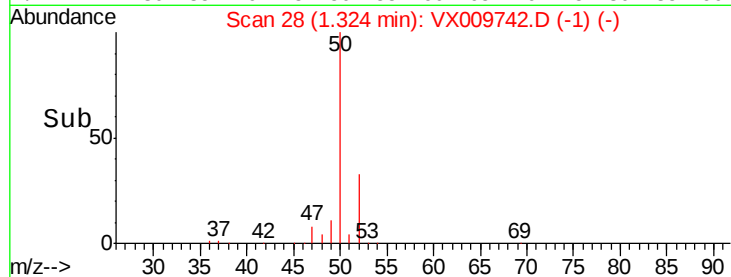
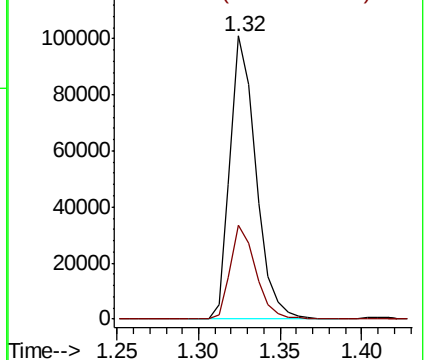
50 100

52 33.0 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 49.766 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009742.D

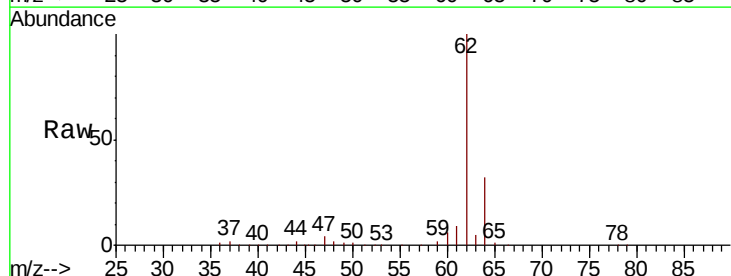
Acq: 21 May 2019 12:12

Tgt Ion: 62 Resp: 107242

Ion Ratio Lower Upper

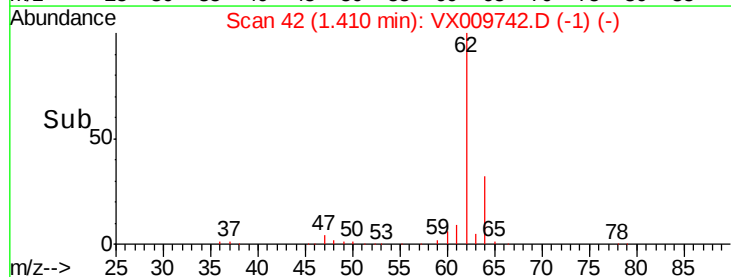
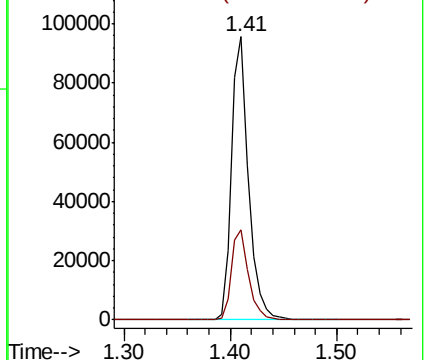
62 100

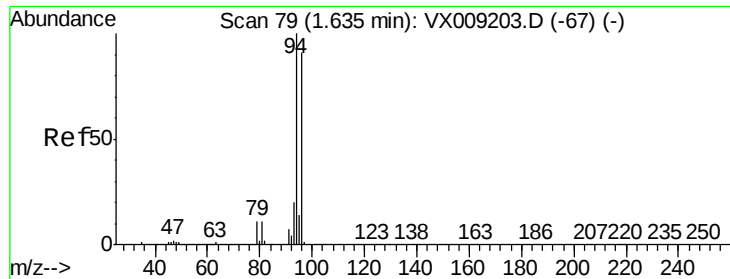
64 31.6 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

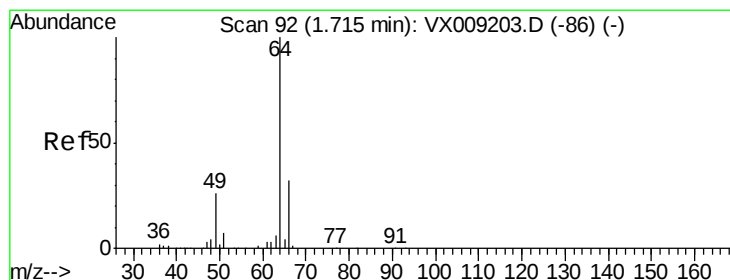
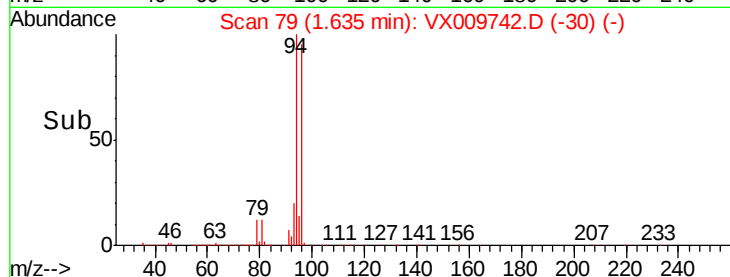
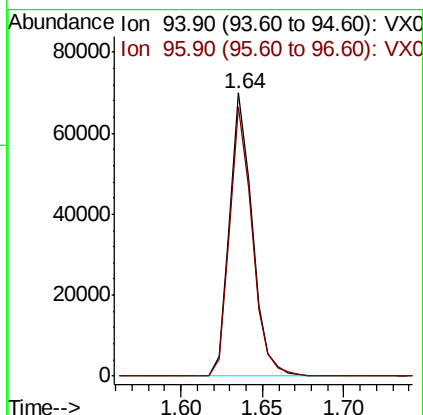
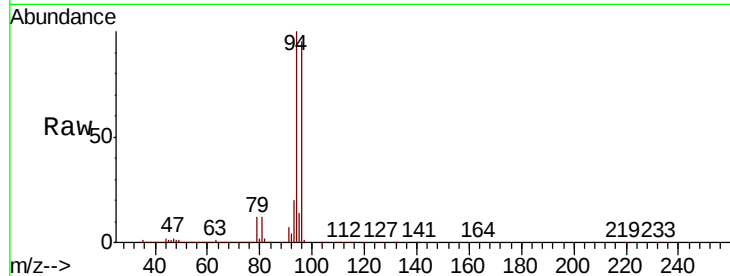




#5
Bromomethane
Concen: 52.032 ug/l
RT: 1.64 min Scan# 79
Delta R.T. -0.00 min
Lab File: VX009742.D
Acq: 21 May 2019 12:12

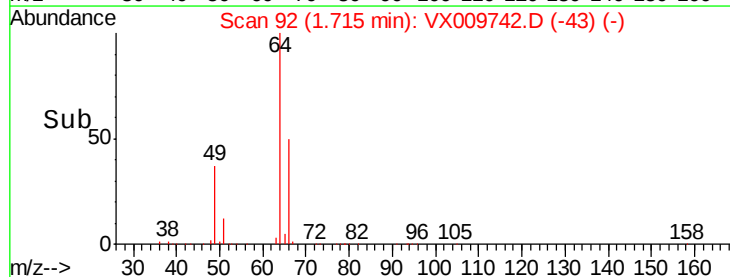
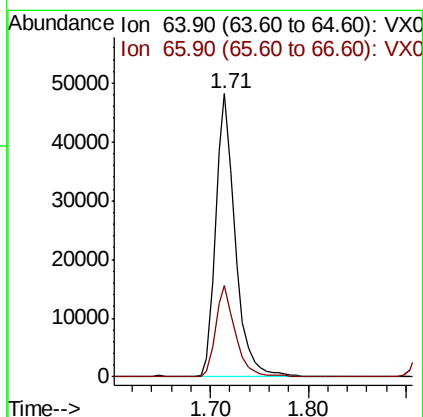
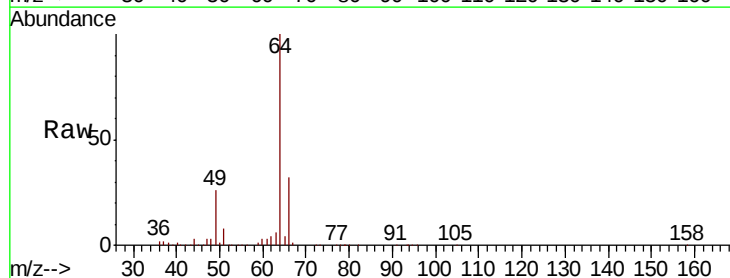
Instrument :
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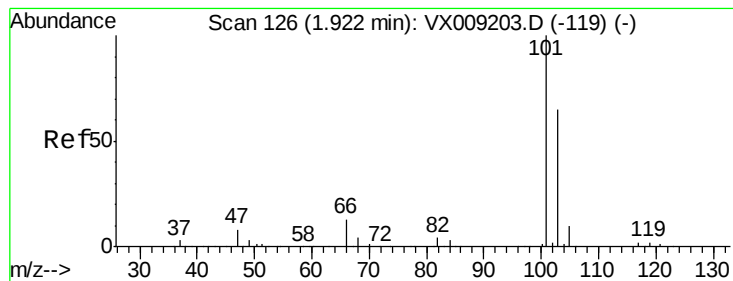
Tot Ion: 94 Resp: 67300
Ion Ratio Lower Upper
94 100
96 95.1 73.0 109.6



#6
Chloroethane
Concen: 47.808 ug/l
RT: 1.71 min Scan# 92
Delta R.T. -0.00 min
Lab File: VX009742.D
Acq: 21 May 2019 12:12

Tgt Ion: 64 Resp: 66145
Ion Ratio Lower Upper
64 100
66 32.4 25.3 37.9



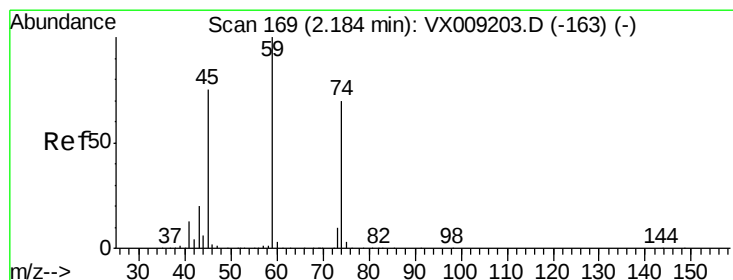
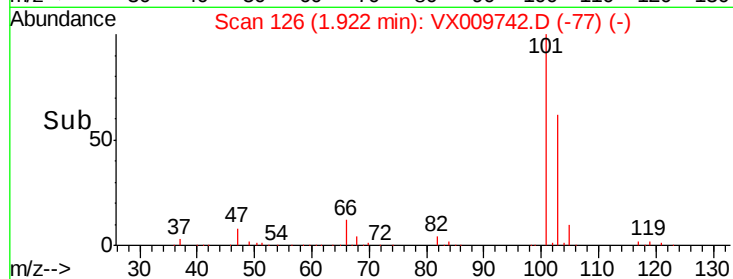
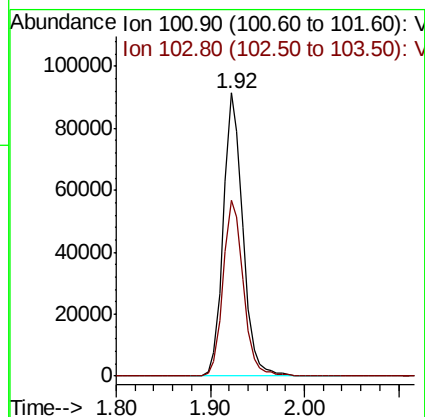
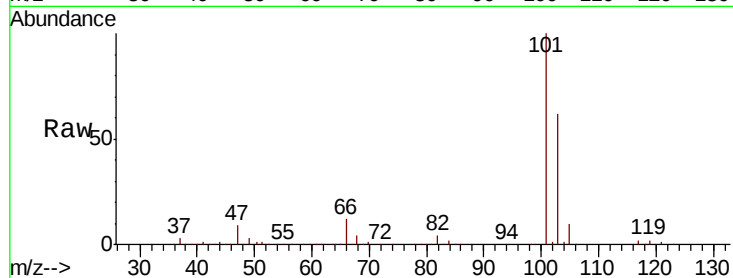


#7

Trichlorofluoromethane
 Concen: 50.156 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX009742.D
 Acq: 21 May 2019 12:12

Instrument :
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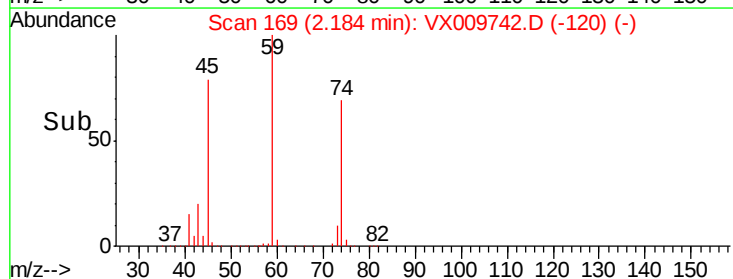
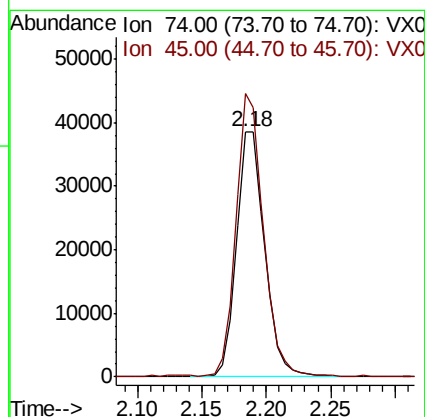
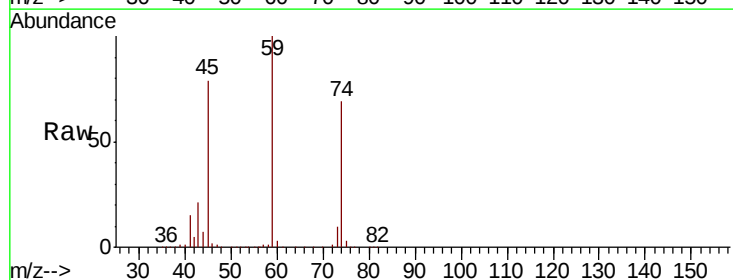
Tot Ion:101 Resp: 131381
 Ion Ratio Lower Upper
 101 100
 103 61.9 52.4 78.6

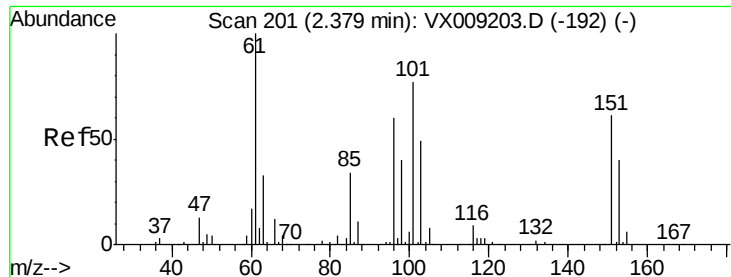


#8

Diethyl Ether
 Concen: 47.498 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX009742.D
 Acq: 21 May 2019 12:12

Tgt Ion: 74 Resp: 58935
 Ion Ratio Lower Upper
 74 100
 45 111.0 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.130 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX009742.D

Acq: 21 May 2019 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

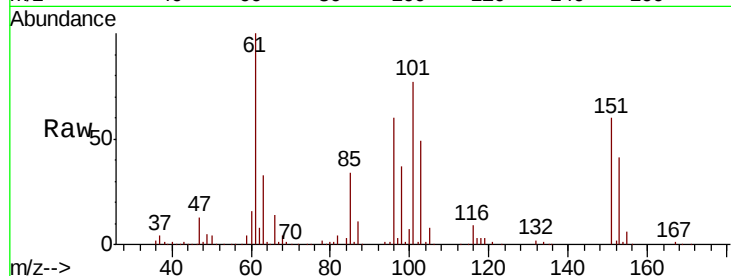
Tot Ion:101 Resp: 80815

Ion Ratio Lower Upper

101 100

85 44.4 35.7 53.5

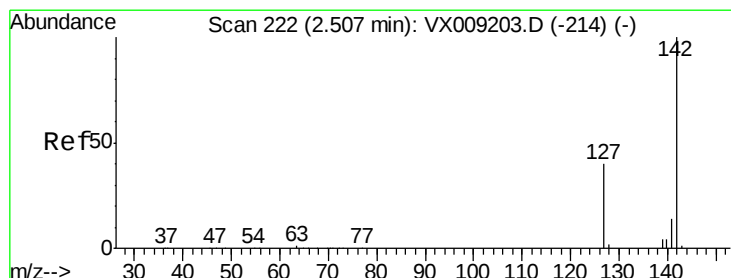
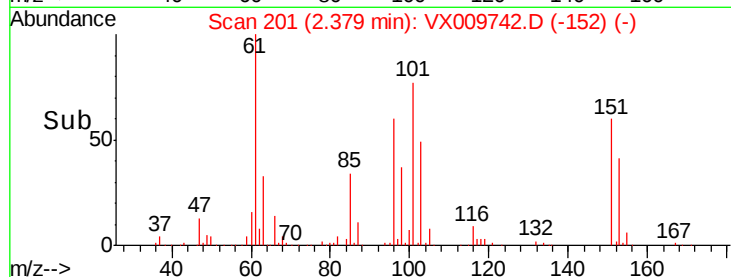
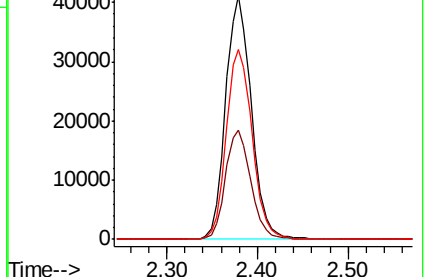
151 78.5 62.2 93.2



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: 47.944 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009742.D

Acq: 21 May 2019 12:12

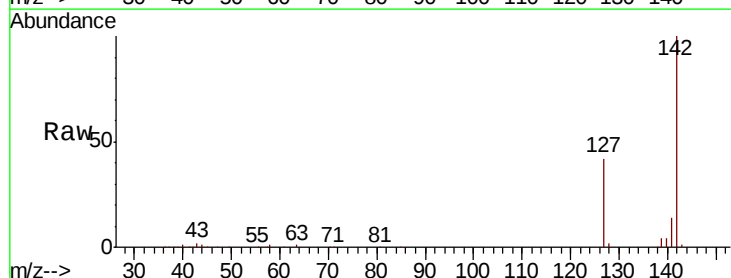
Tgt Ion:142 Resp: 91234

Ion Ratio Lower Upper

142 100

127 41.9 32.7 49.1

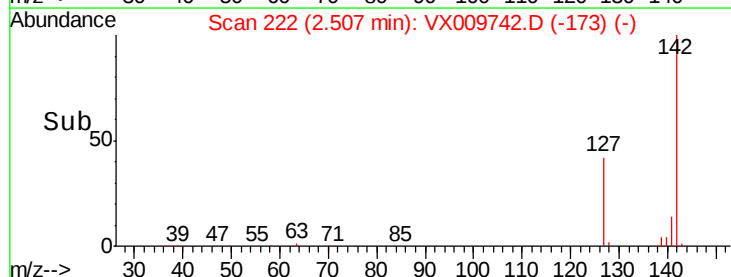
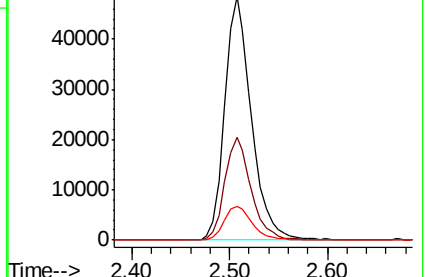
141 14.7 11.5 17.3

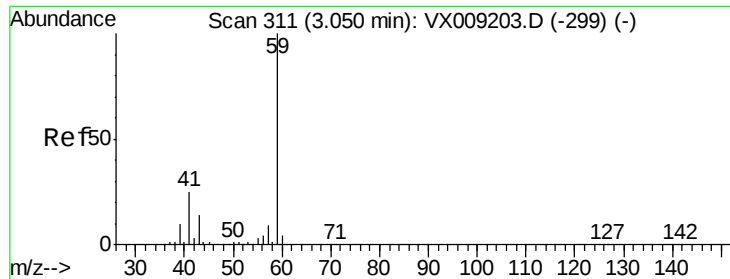


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

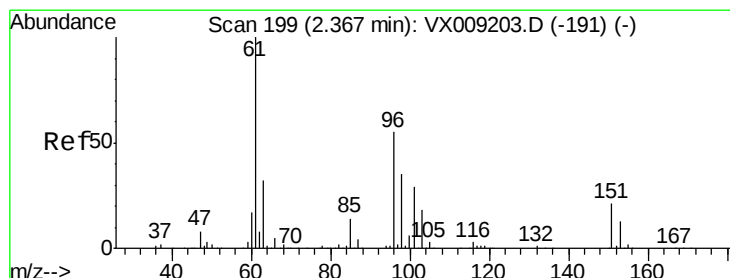
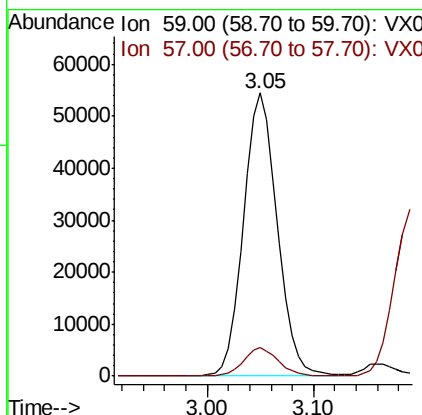
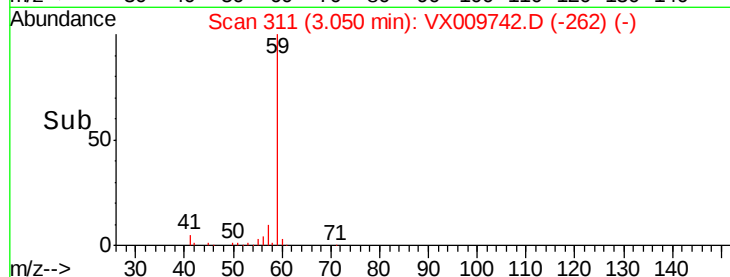
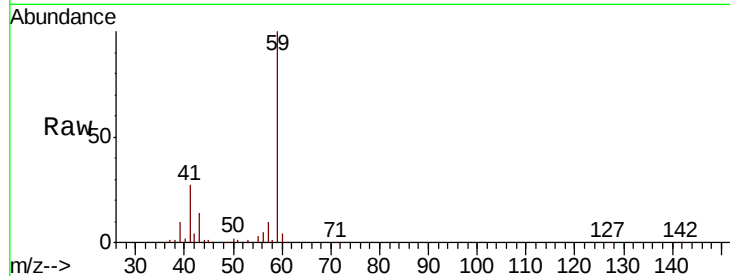




#11
Tert butyl alcohol
Concen: 218.889 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX009742.D
Acq: 21 May 2019 12:12

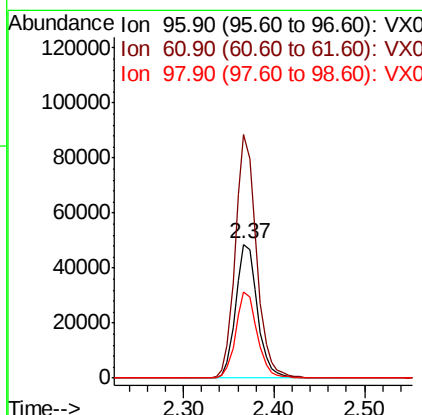
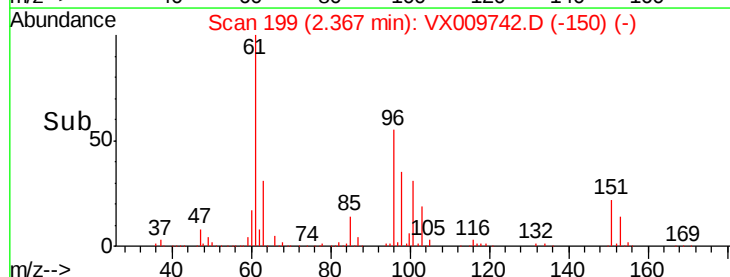
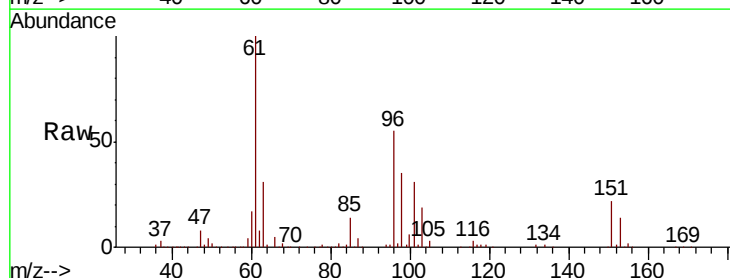
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

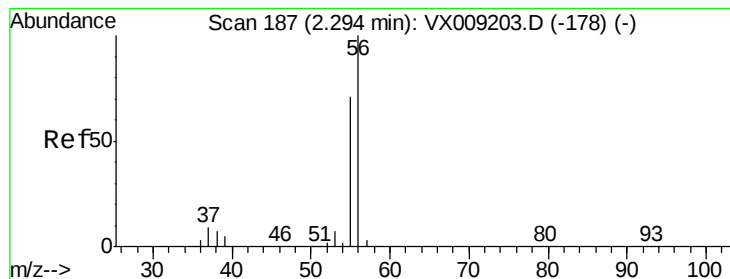
Tot Ion: 59 Resp: 121495
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.2



#12
1,1-Dichloroethene
Concen: 48.865 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX009742.D
Acq: 21 May 2019 12:12

Tgt Ion: 96 Resp: 80536
Ion Ratio Lower Upper
96 100
61 182.0 144.3 216.5
98 64.5 50.3 75.5





#13

Acrolein

Concen: 198.385 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009742.D

Acq: 21 May 2019 12:12

Instrument :

MSVOA_X

ClientSampleId :

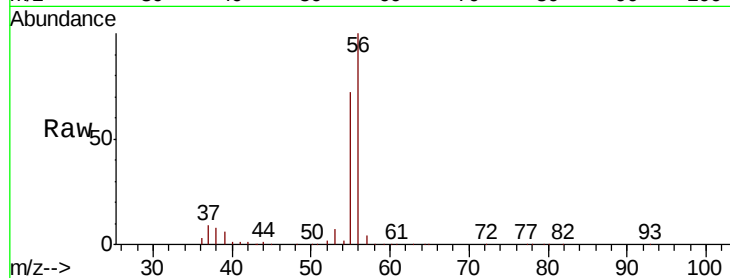
VSTDCCC050

Tot Ion: 56 Resp: 99723

Ion Ratio Lower Upper

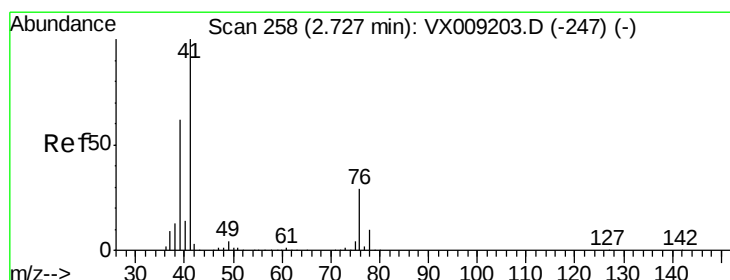
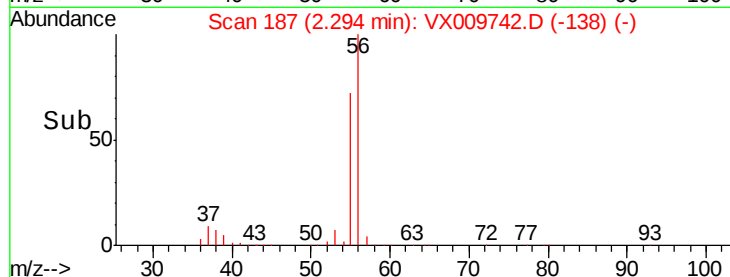
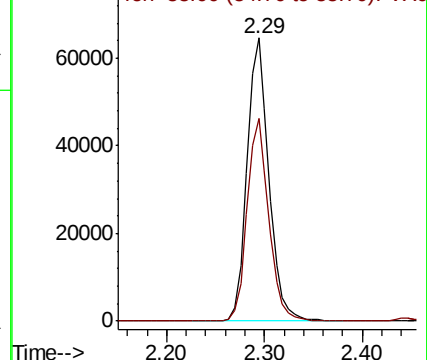
56 100

55 71.7 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 48.521 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009742.D

Acq: 21 May 2019 12:12

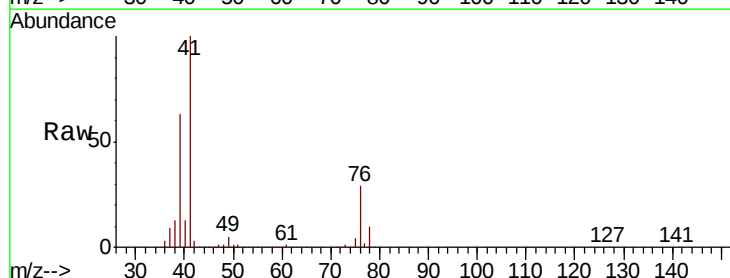
Tgt Ion: 41 Resp: 194886

Ion Ratio Lower Upper

41 100

39 59.6 46.7 70.1

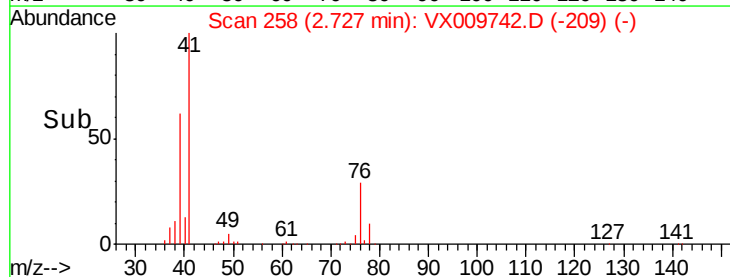
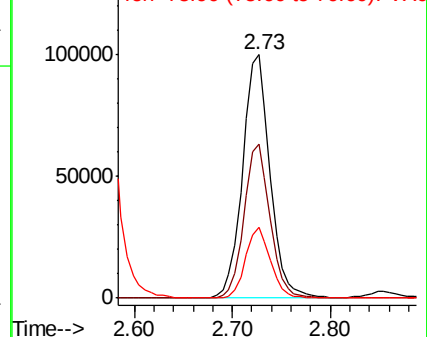
76 26.3 21.8 32.8

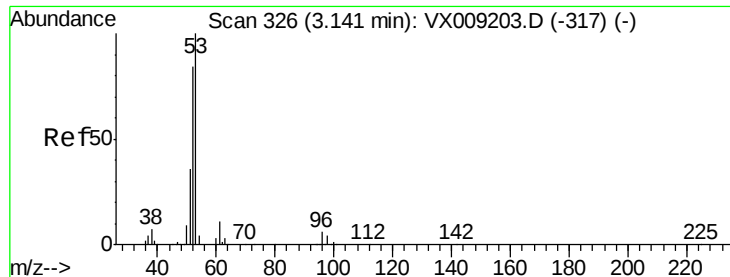


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 234.048 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009742.D

Acq: 21 May 2019 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

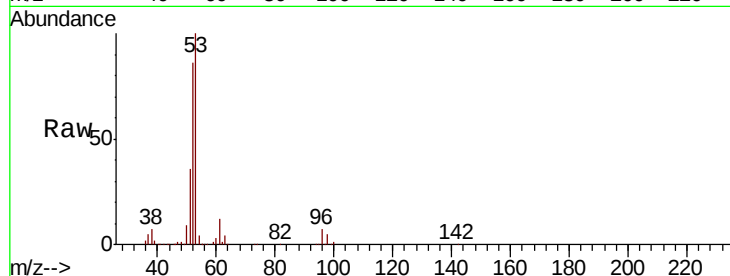
Tot Ion: 53 Resp: 317637

Ion Ratio Lower Upper

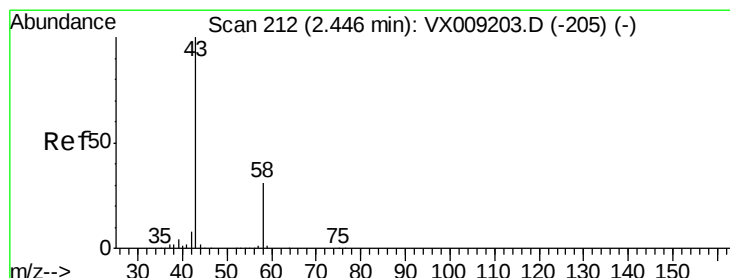
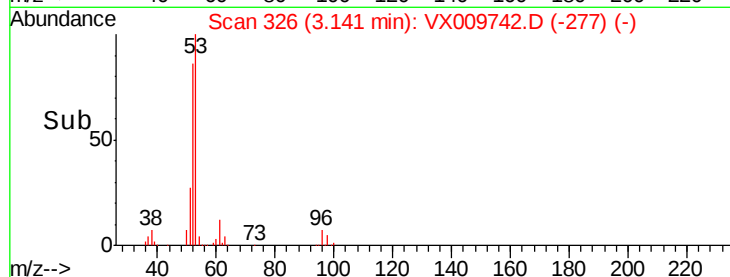
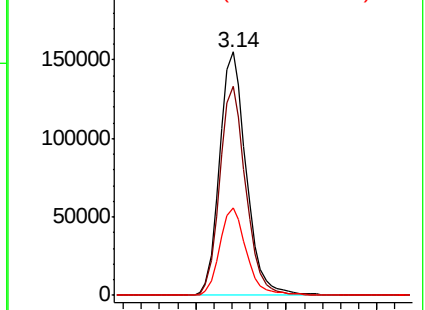
53 100

52 84.6 66.9 100.3

51 35.9 28.2 42.2



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: 242.585 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009742.D

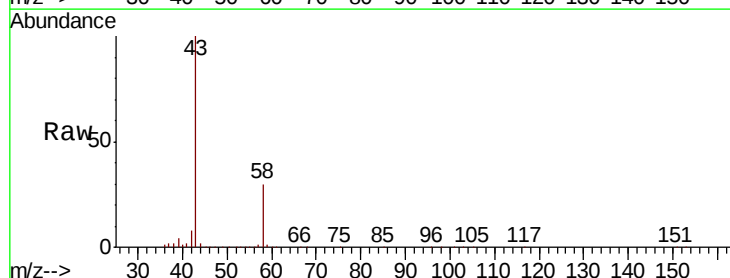
Acq: 21 May 2019 12:12

Tgt Ion: 43 Resp: 312345

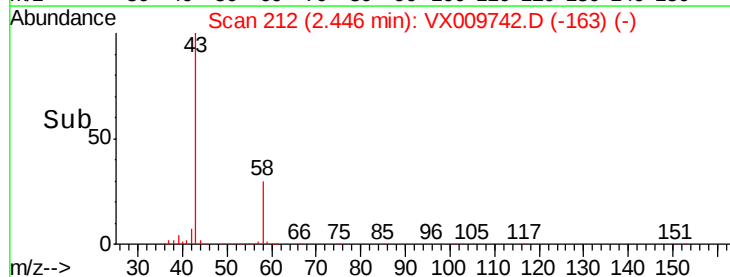
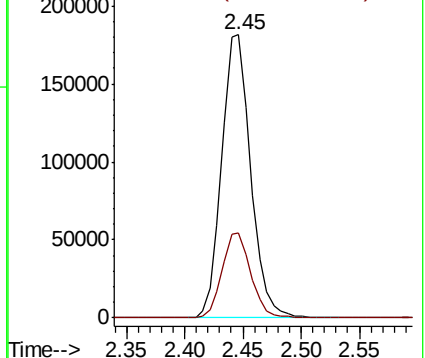
Ion Ratio Lower Upper

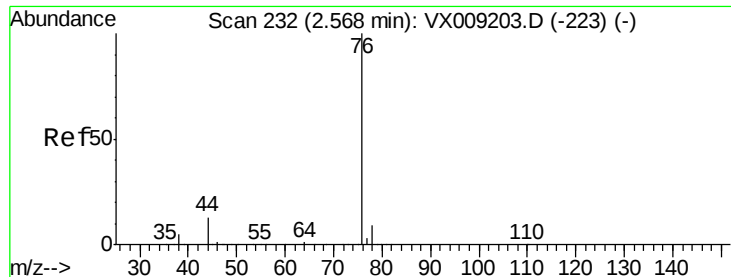
43 100

58 30.1 24.9 37.3



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

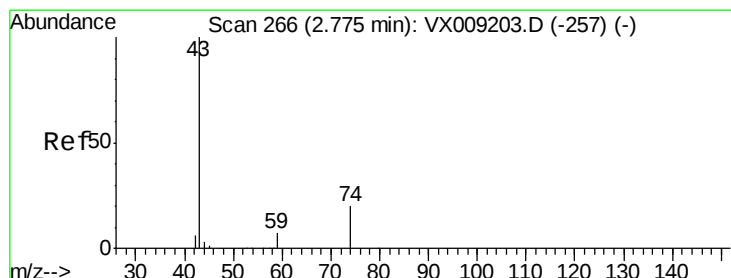
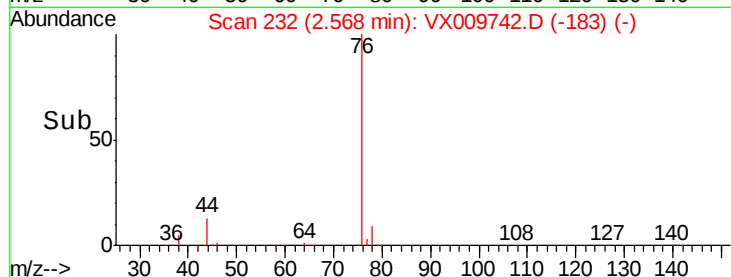
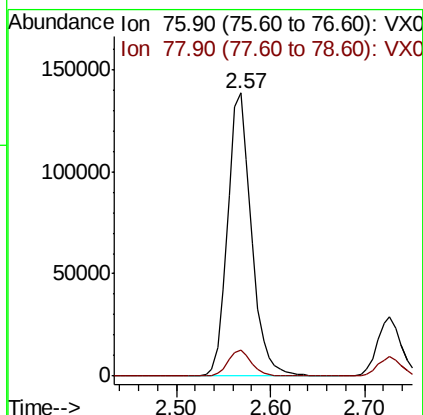
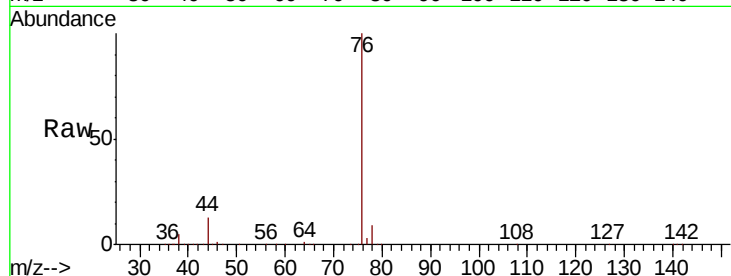




#17
Carbon Disulfide
Concen: 52.522 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX009742.D
Acq: 21 May 2019 12:12

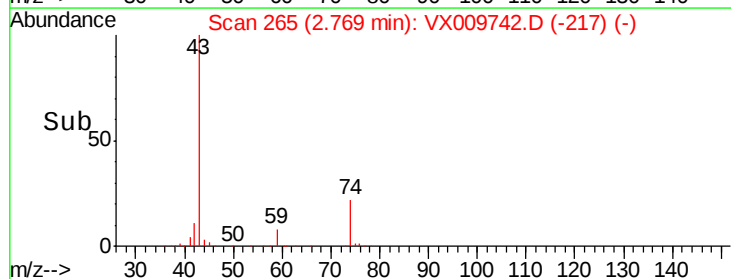
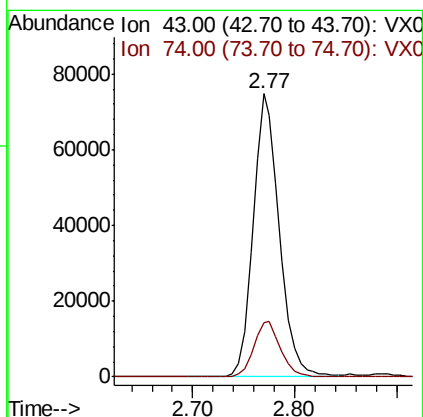
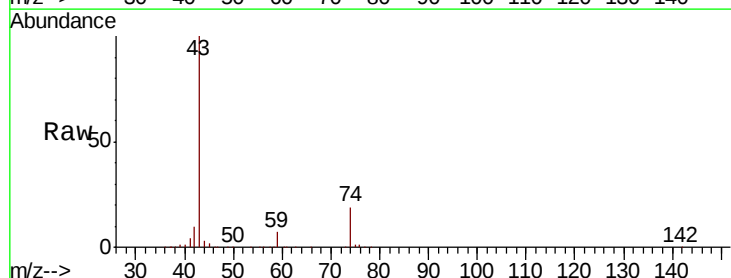
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

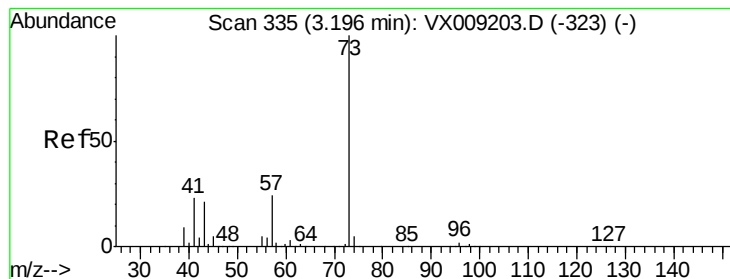
Tot Ion: 76 Resp: 243035
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 43.388 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX009742.D
Acq: 21 May 2019 12:12

Tgt Ion: 43 Resp: 132859
Ion Ratio Lower Upper
43 100
74 20.7 16.2 24.4



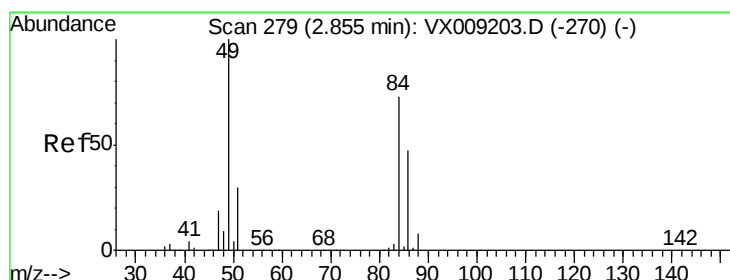
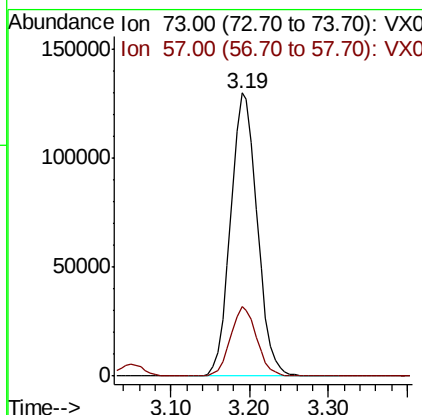
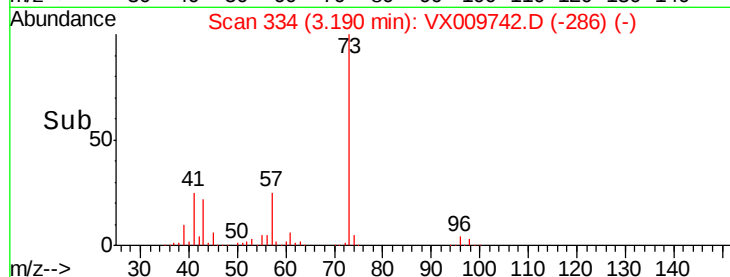
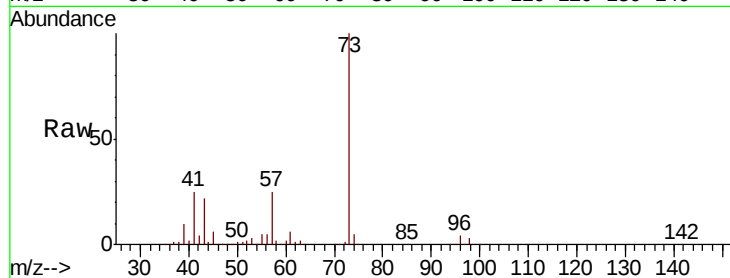


#19

Methyl tert-butyl Ether
 Concen: 47.828 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. -0.01 min
 Lab File: VX009742.D
 Acq: 21 May 2019 12:12

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

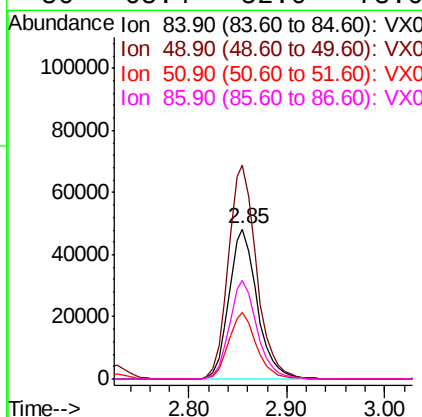
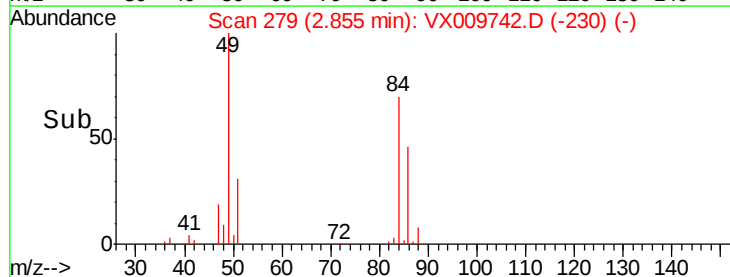
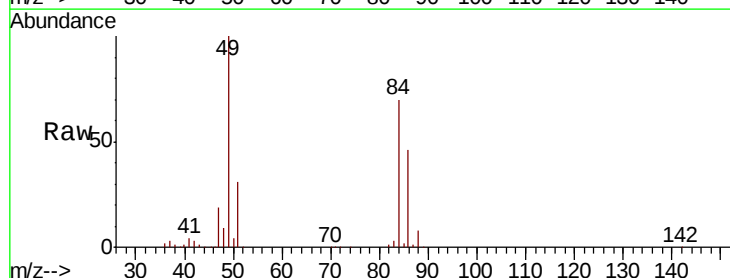
Tot Ion: 73 Resp: 306106
 Ion Ratio Lower Upper
 73 100
 57 24.6 19.3 28.9

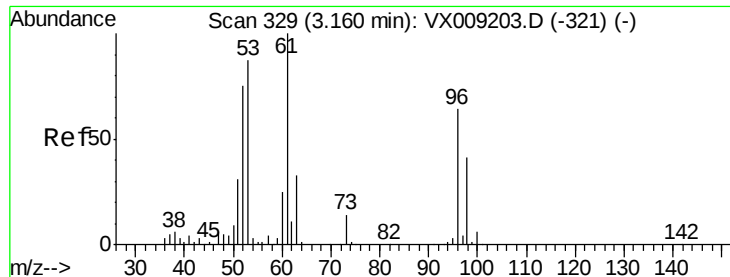


#20

Methylene Chloride
 Concen: 45.960 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX009742.D
 Acq: 21 May 2019 12:12

Tgt Ion: 84 Resp: 95815
 Ion Ratio Lower Upper
 84 100
 49 142.1 109.9 164.9
 51 44.1 32.7 49.1
 86 65.4 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 49.245 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX009742.D

Acq: 21 May 2019 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

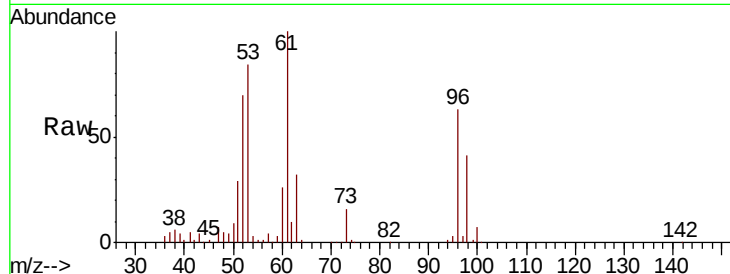
Tot Ion: 96 Resp: 88021

Ion Ratio Lower Upper

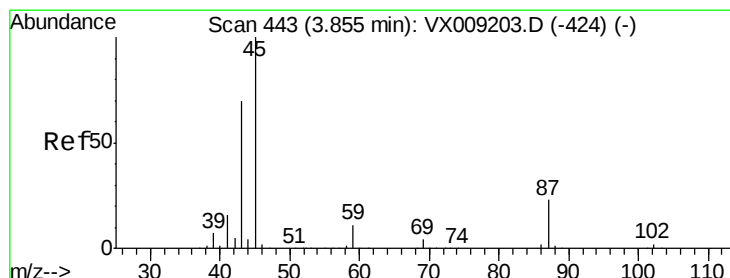
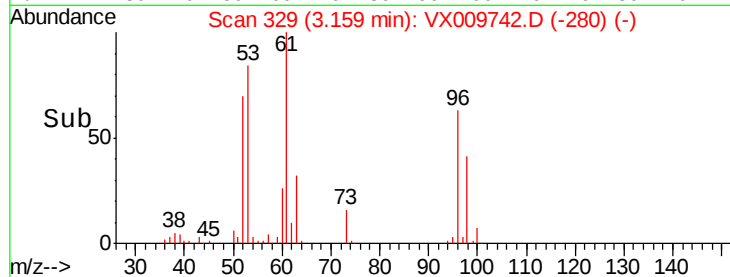
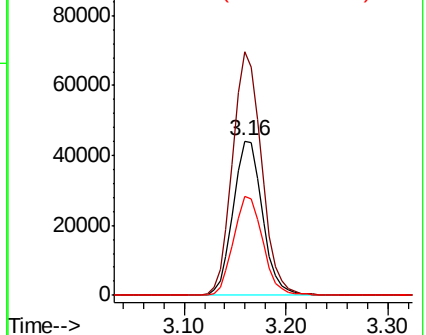
96 100

61 157.9 124.5 186.7

98 64.1 50.4 75.6



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: 48.497 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX009742.D

Acq: 21 May 2019 12:12

Tgt Ion: 45 Resp: 374600

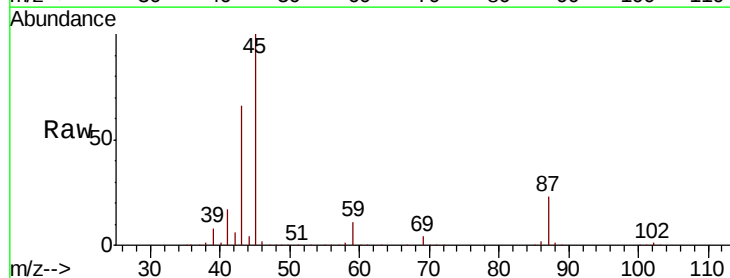
Ion Ratio Lower Upper

45 100

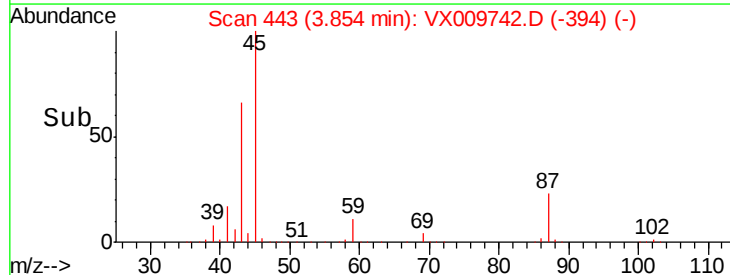
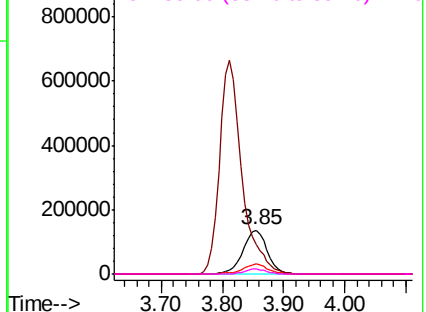
43 66.0 56.1 84.1

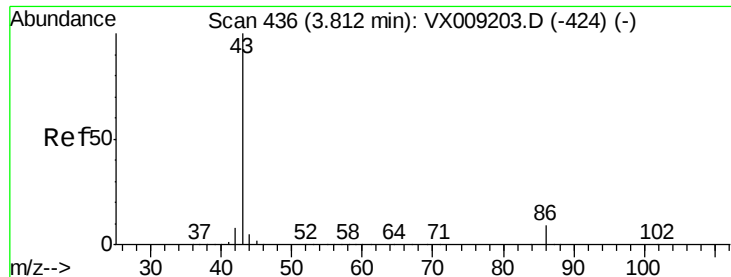
87 22.7 18.1 27.1

59 10.7 8.5 12.7



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: 255.659 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX009742.D

Acq: 21 May 2019 12:12

Instrument :

MSVOA_X

ClientSampleId :

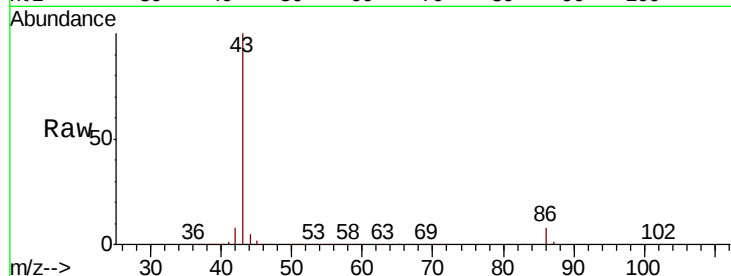
VSTDCCC050

Tot Ion: 43 Resp: 1691021

Ion Ratio Lower Upper

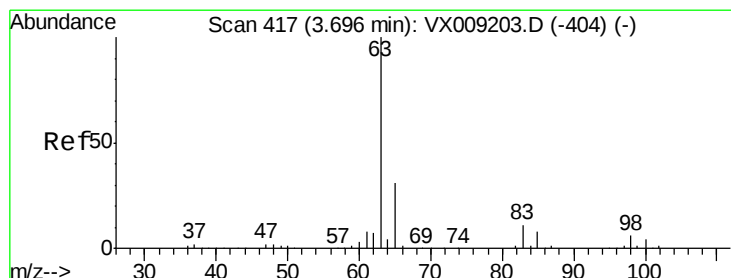
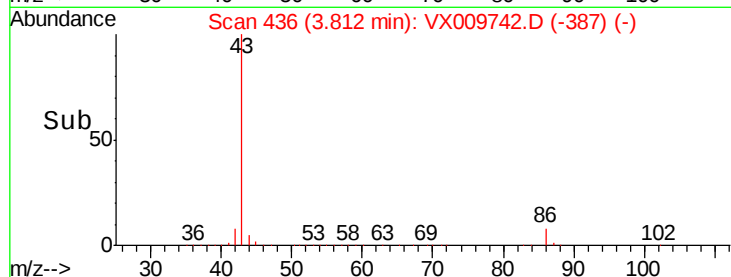
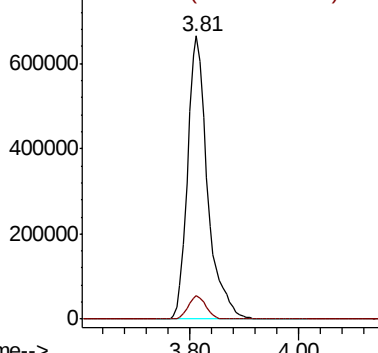
43 100

86 8.4 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 46.974 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX009742.D

Acq: 21 May 2019 12:12

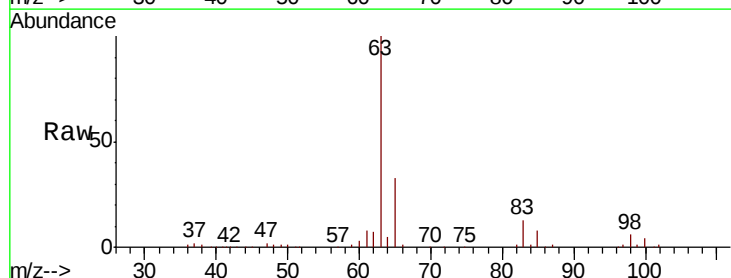
Tgt Ion: 63 Resp: 178994

Ion Ratio Lower Upper

63 100

98 6.0 3.0 9.2

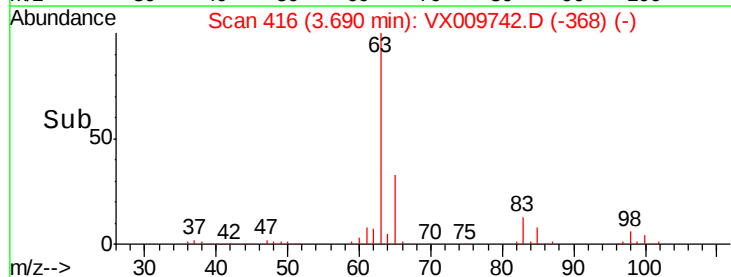
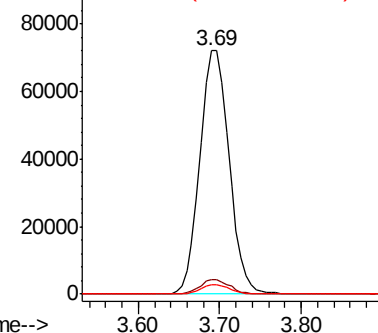
100 3.9 2.0 6.0

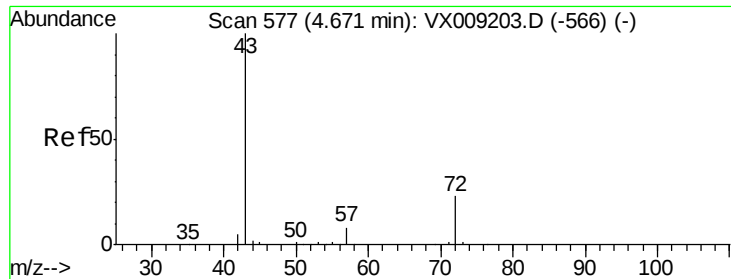


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 242.600 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX009742.D

Acq: 21 May 2019 12:12

Instrument :

MSVOA_X

ClientSampleId :

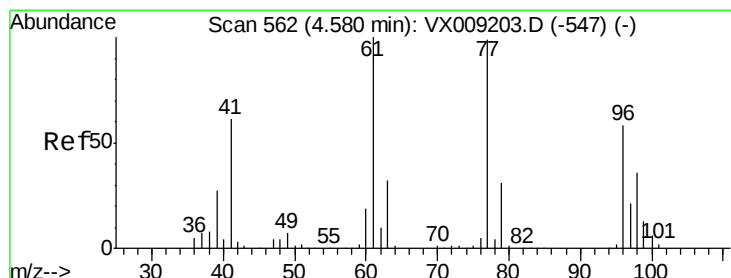
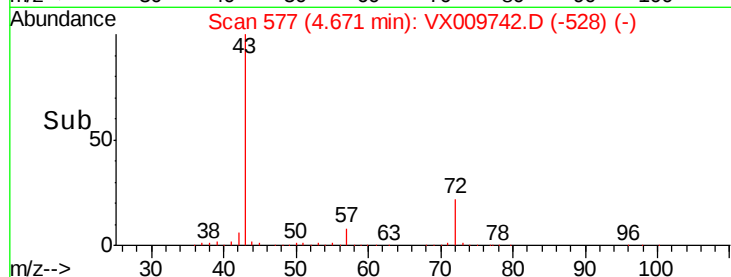
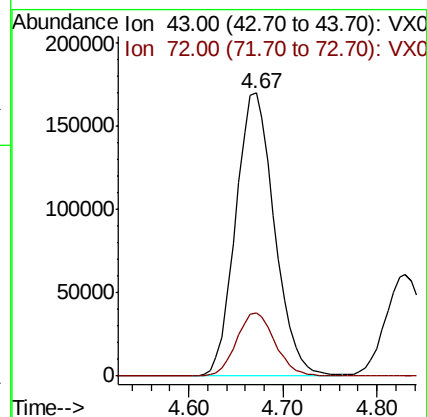
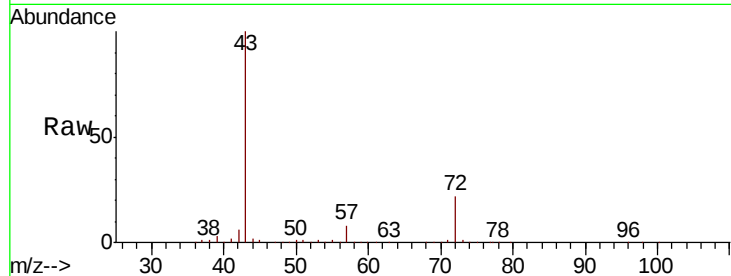
VSTDCCC050

Tot Ion: 43 Resp: 485406

Ion Ratio Lower Upper

43 100

72 22.2 18.2 27.2



#26

2,2-Dichloropropane

Concen: 48.846 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX009742.D

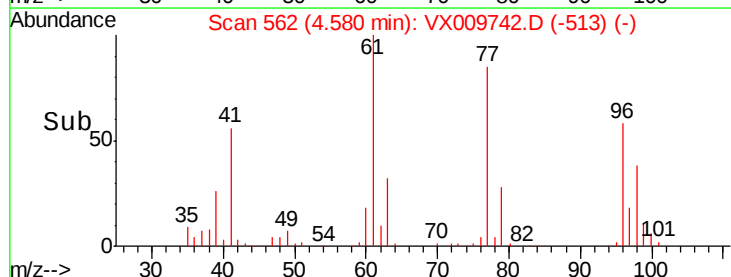
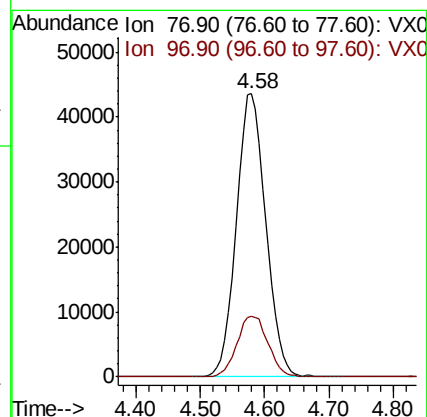
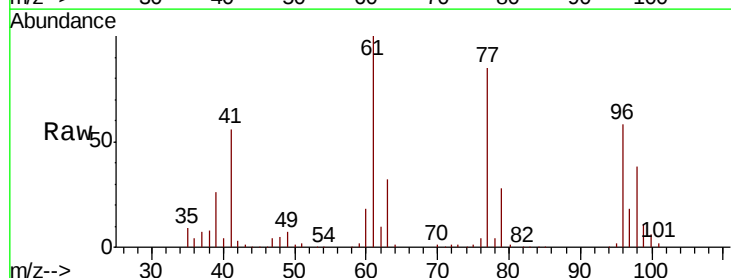
Acq: 21 May 2019 12:12

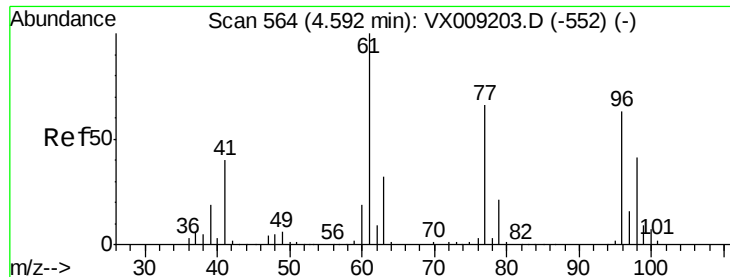
Tgt Ion: 77 Resp: 138540

Ion Ratio Lower Upper

77 100

97 22.5 11.5 34.4



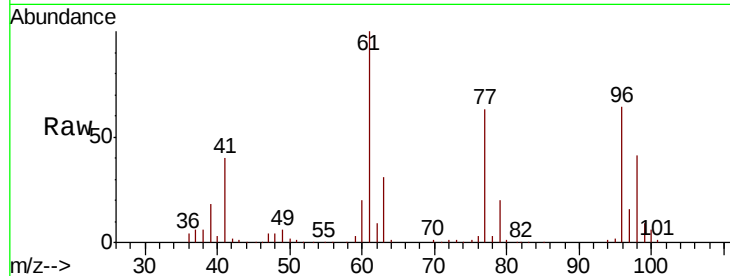


#27

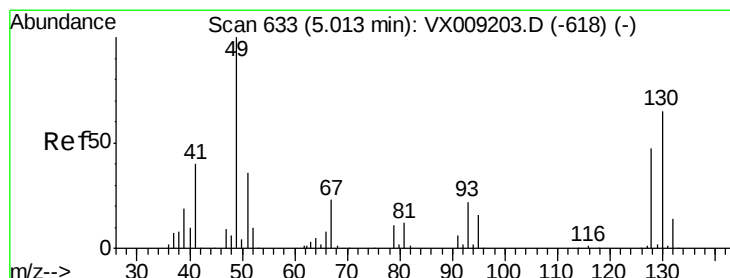
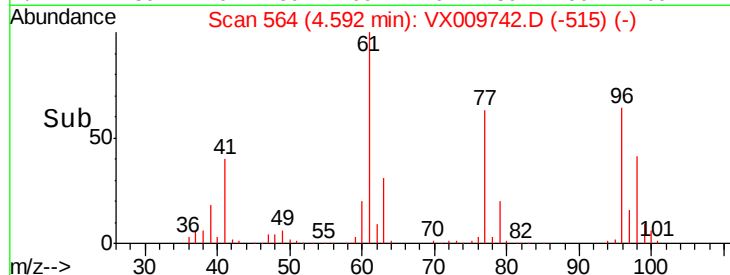
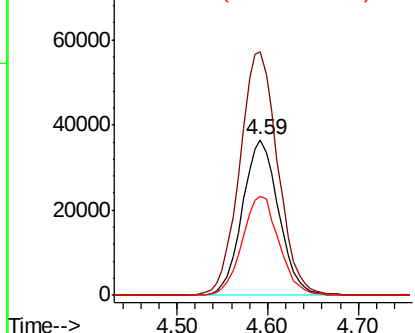
cis-1,2-Dichloroethene
Concen: 47.400 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX009742.D
Acq: 21 May 2019 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 101128
Ion Ratio Lower Upper
96 100
61 164.8 0.0 324.0
98 64.8 0.0 130.4



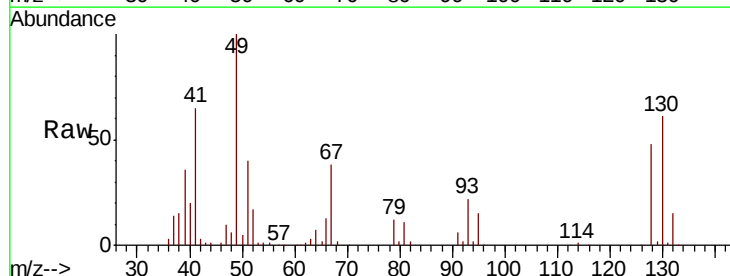
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



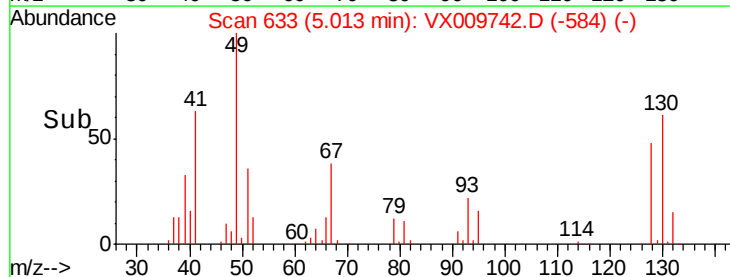
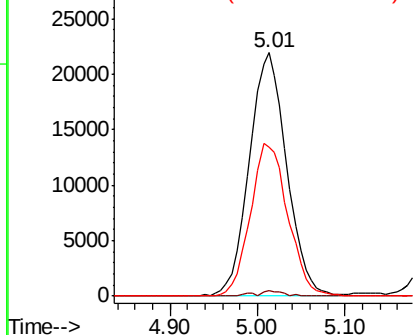
#28

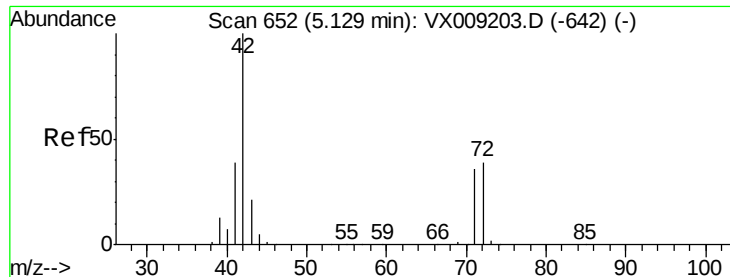
Bromochloromethane
Concen: 41.984 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX009742.D
Acq: 21 May 2019 12:12

Tgt Ion: 49 Resp: 65073
Ion Ratio Lower Upper
49 100
129 1.2 0.0 3.8
130 62.7 51.2 76.8



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

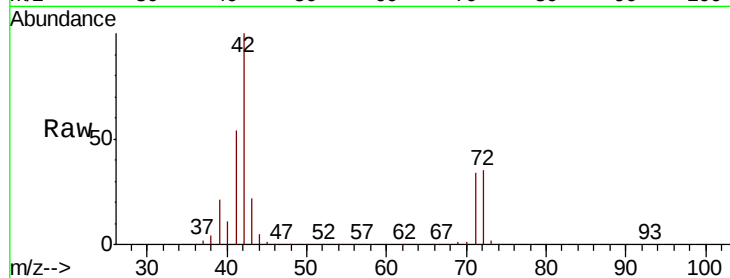




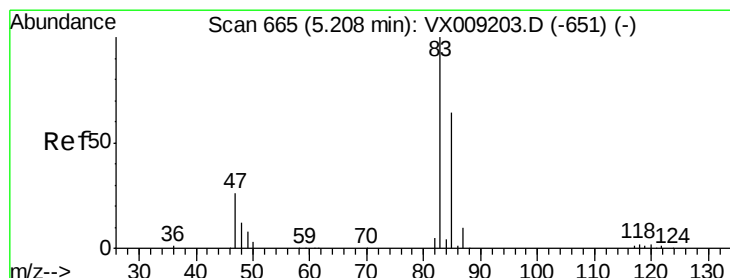
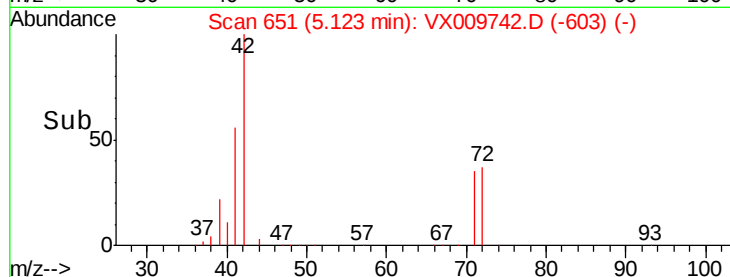
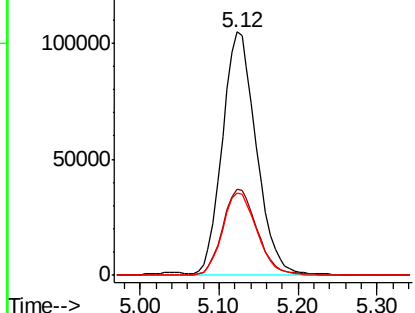
#29
Tetrahydrofuran
Concen: 242.736 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX009742.D
Acq: 21 May 2019 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	36.2	30.4	45.6
71	34.5	28.6	43.0

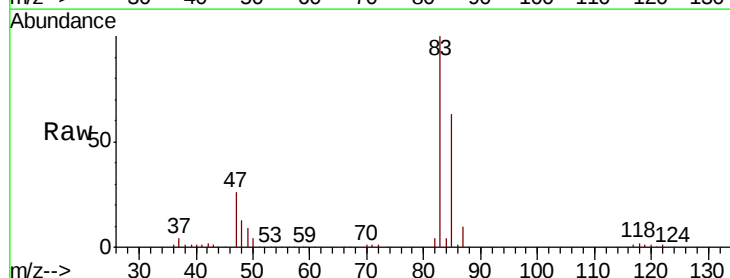


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

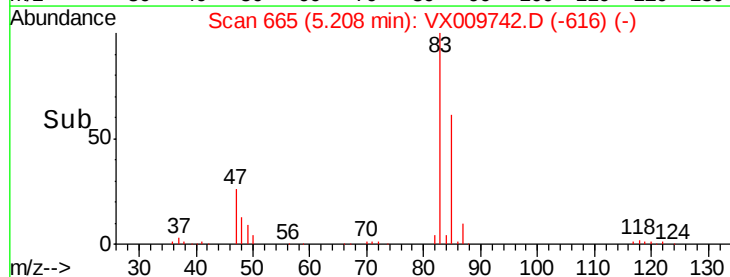
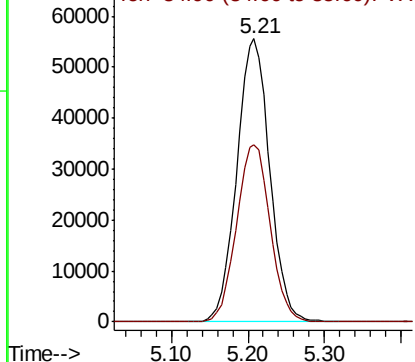


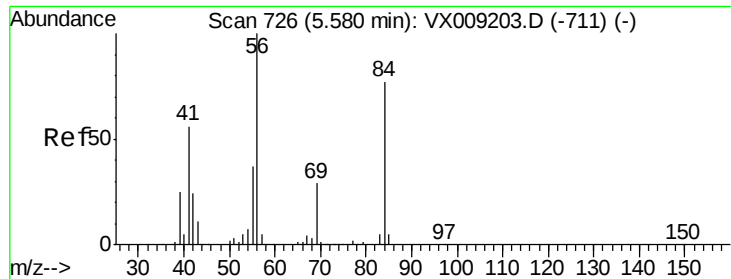
#30
Chloroform
Concen: 48.093 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.00 min
Lab File: VX009742.D
Acq: 21 May 2019 12:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.6	51.5	77.3



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0

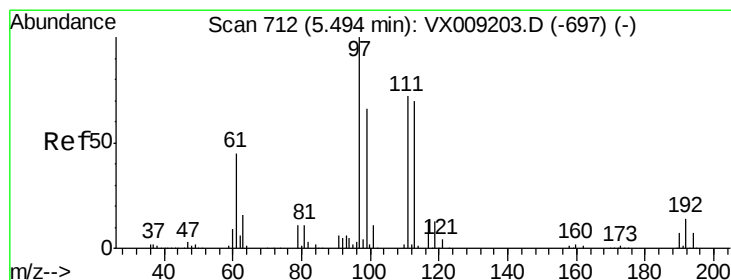
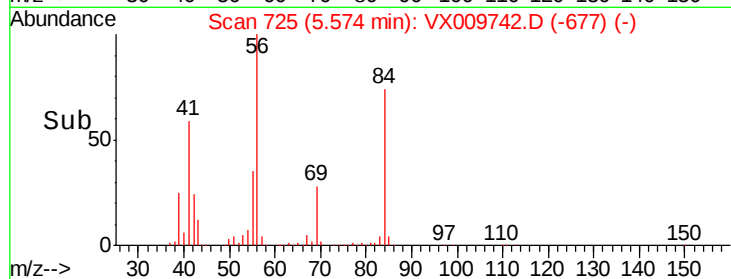
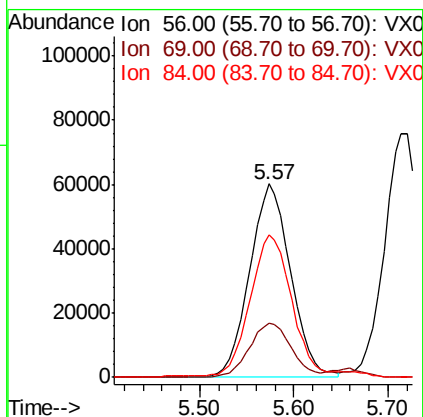
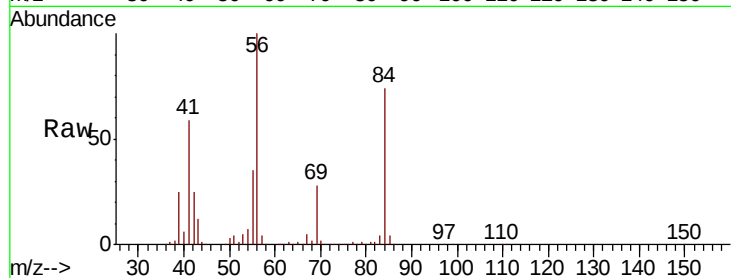




#31
Cyclohexane
Concen: 51.783 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX009742.D
Acq: 21 May 2019 12:12

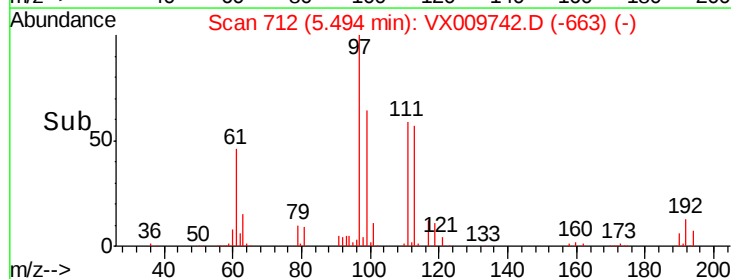
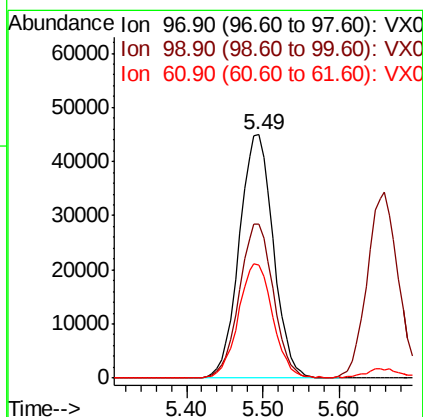
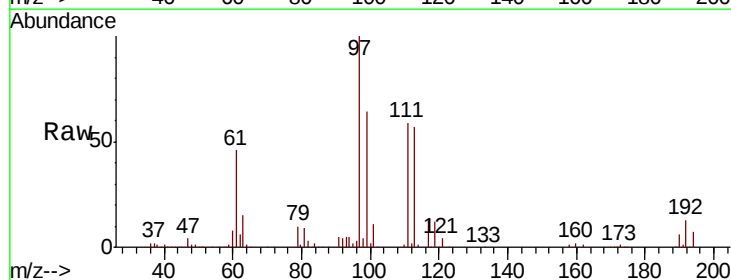
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

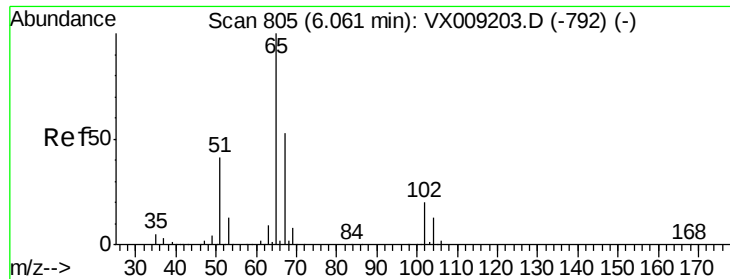
Tot Ion	Ratio	Lower	Upper
56	100		
69	28.2	23.4	35.0
84	72.7	61.9	92.9



#32
1,1,1-Trichloroethane
Concen: 48.485 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX009742.D
Acq: 21 May 2019 12:12

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.8	77.8
61	47.6	37.8	56.8

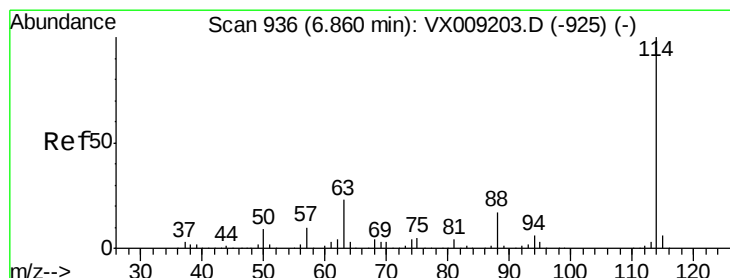
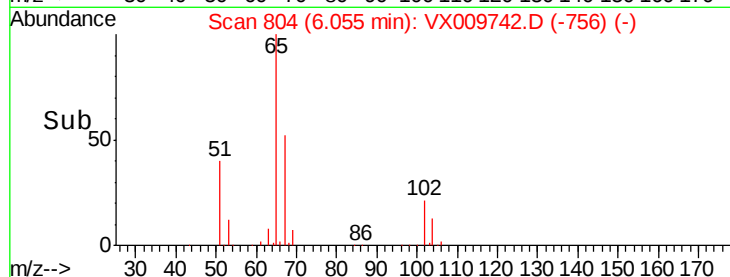
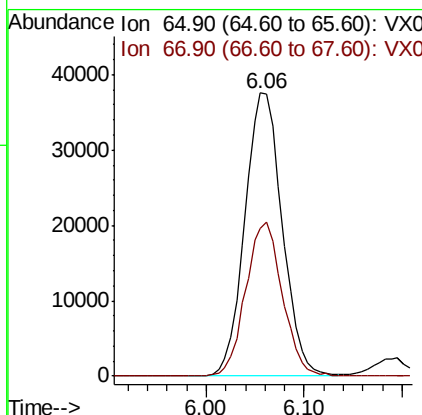
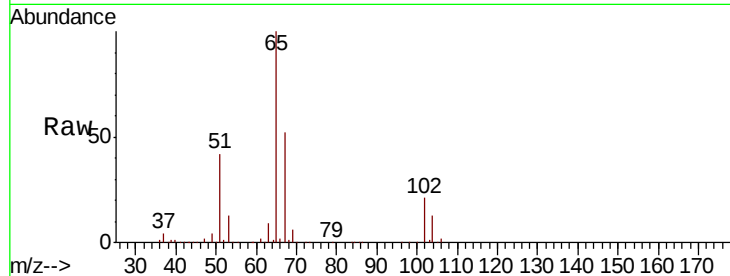




#33
 1,2-Dichloroethane-d4
 Concen: 41.576 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX009742.D
 Acq: 21 May 2019 12:12

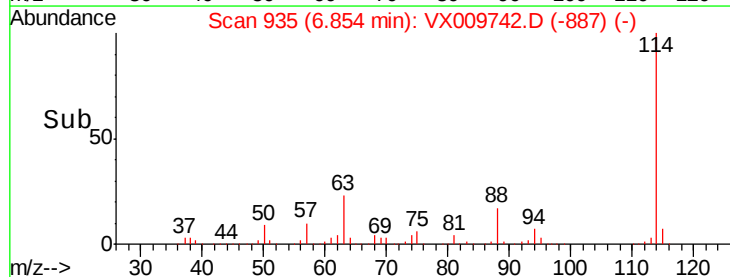
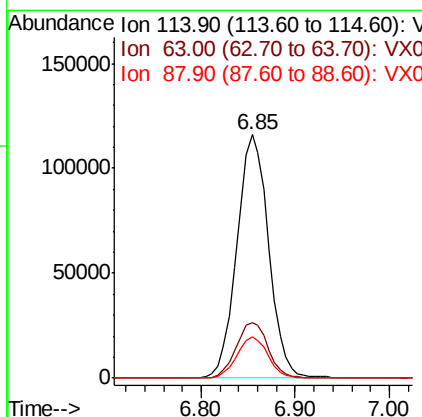
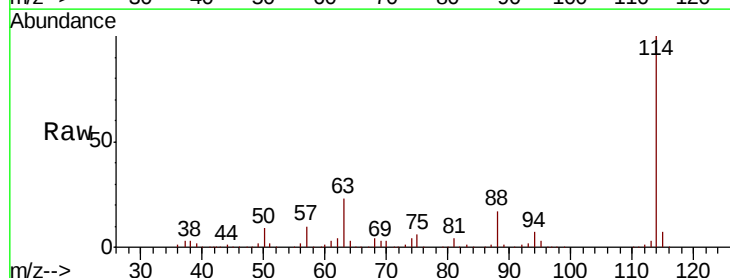
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

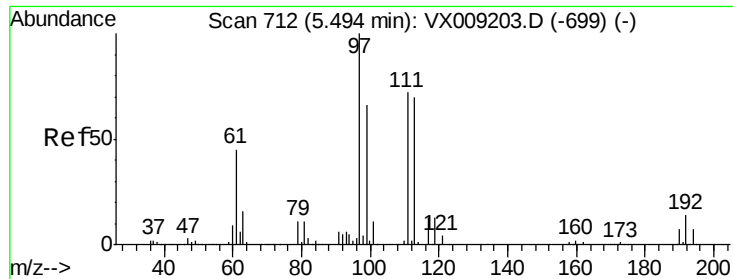
Tot Ion: 65 Resp: 99694
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX009742.D
 Acq: 21 May 2019 12:12

Tgt Ion: 114 Resp: 272692
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 45.6
 88 16.8 0.0 33.2

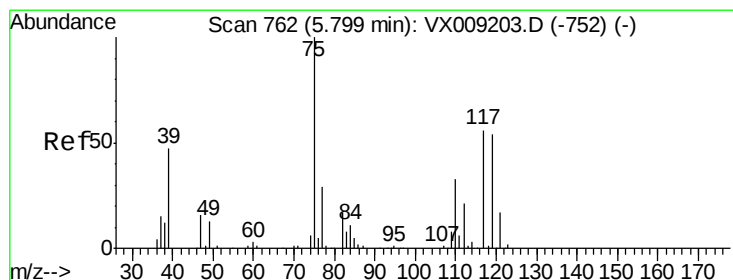
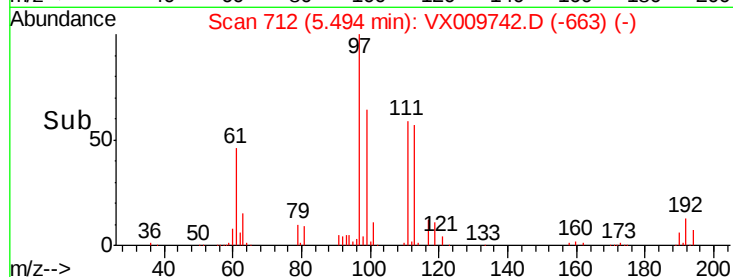
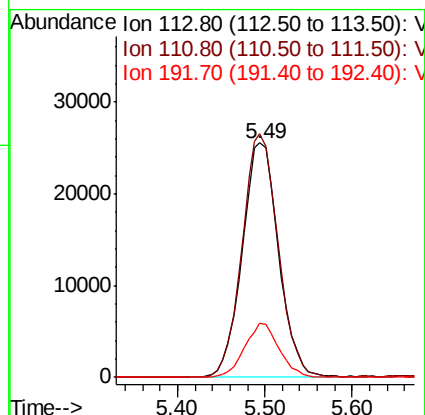
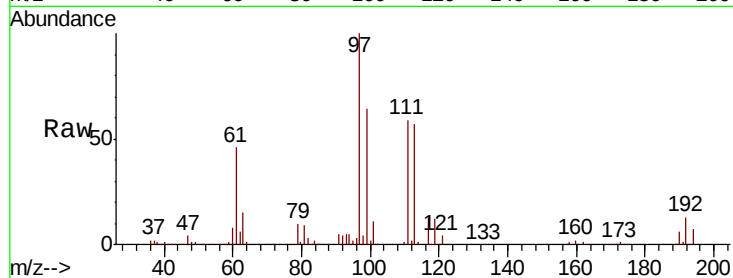




#35
 Dibromofluoromethane
 Concen: 43.085 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX009742.D
 Acq: 21 May 2019 12:12

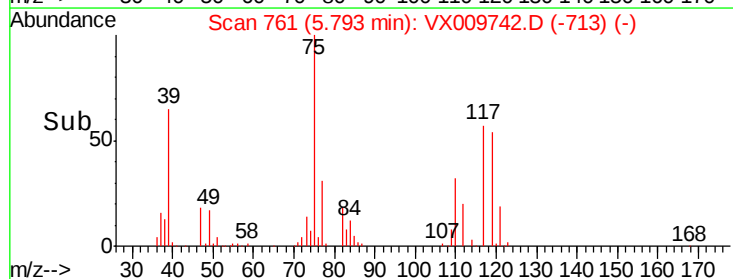
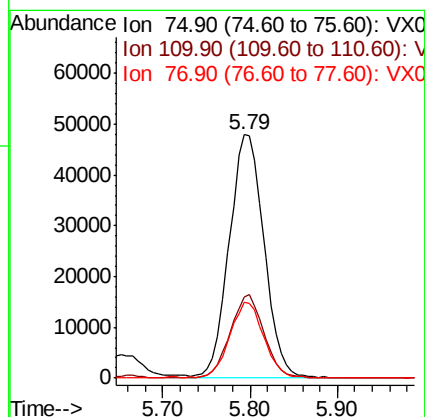
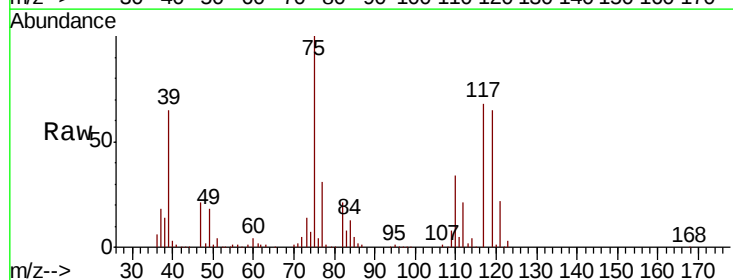
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

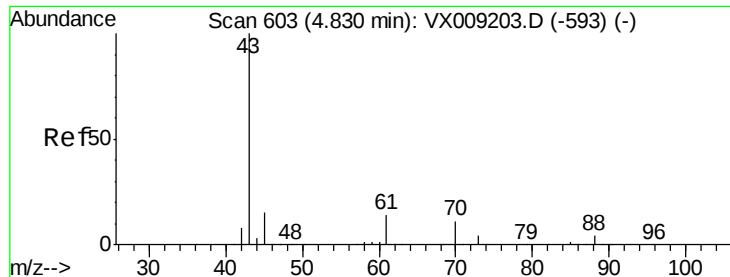
Tot Ion:113 Resp: 73859
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.8 124.2
 192 21.8 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 52.151 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX009742.D
 Acq: 21 May 2019 12:12

Tgt Ion: 75 Resp: 132160
 Ion Ratio Lower Upper
 75 100
 110 33.3 16.9 50.6
 77 30.8 24.8 37.2





#37

Ethyl Acetate

Concen: 50.885 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.00 min

Lab File: VX009742.D

Acq: 21 May 2019 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

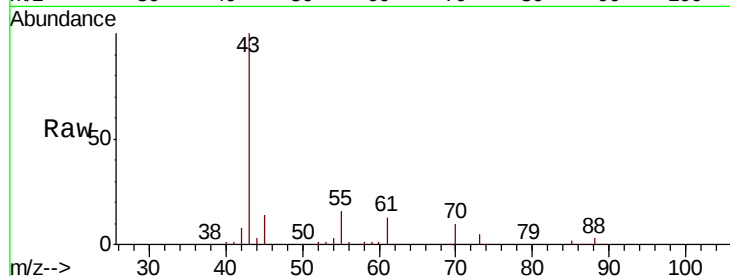
Tot Ion: 43 Resp: 179666

Ion Ratio Lower Upper

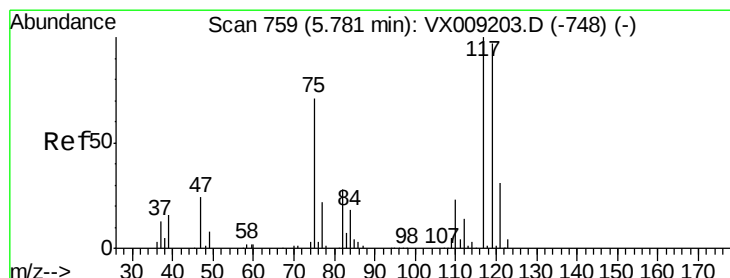
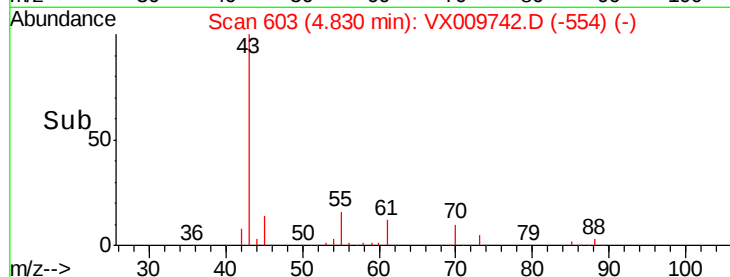
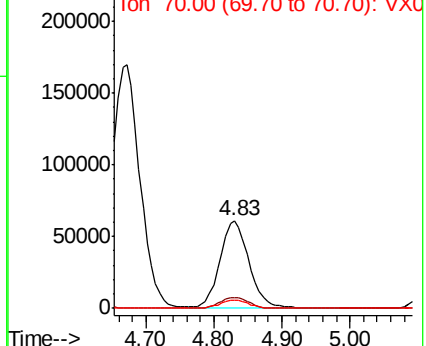
43 100

61 12.8 10.5 15.7

70 9.5 7.9 11.9



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: 50.881 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX009742.D

Acq: 21 May 2019 12:12

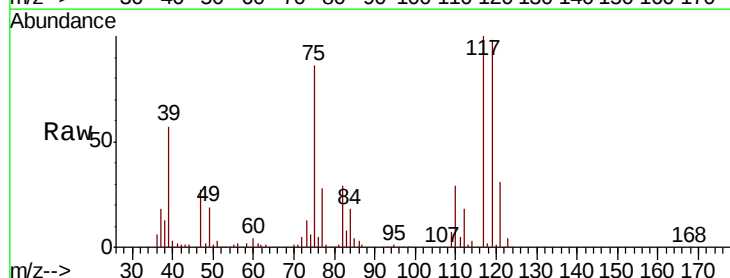
Tgt Ion: 117 Resp: 117150

Ion Ratio Lower Upper

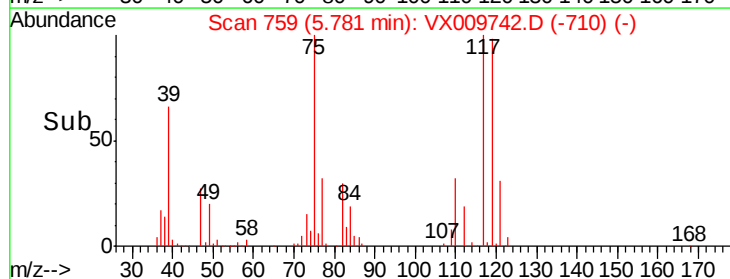
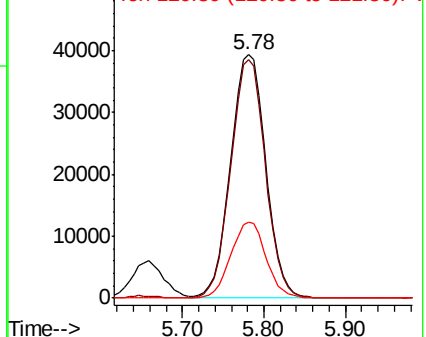
117 100

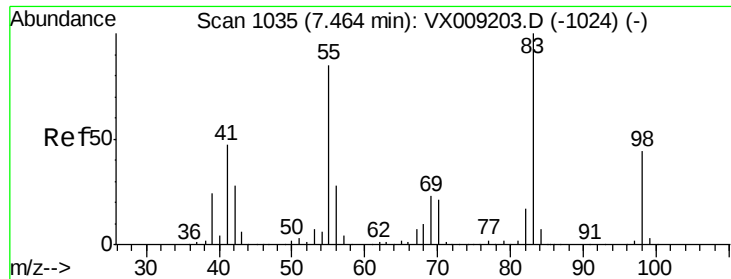
119 97.9 77.5 116.3

121 31.1 24.7 37.1



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

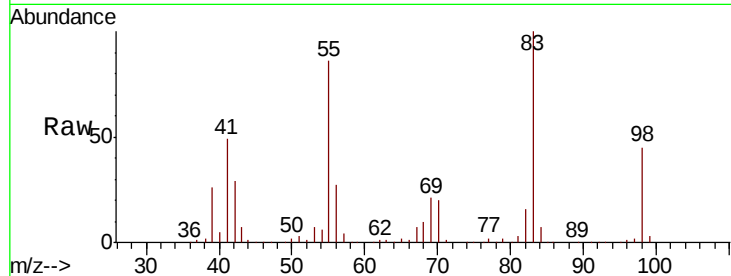




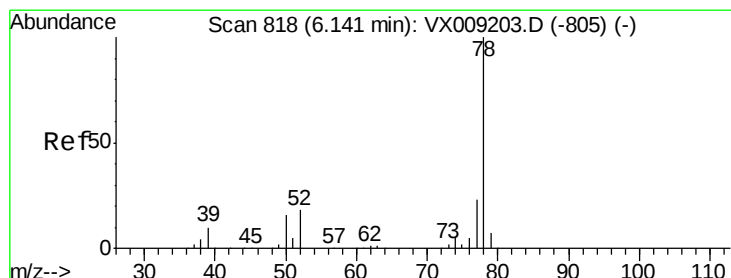
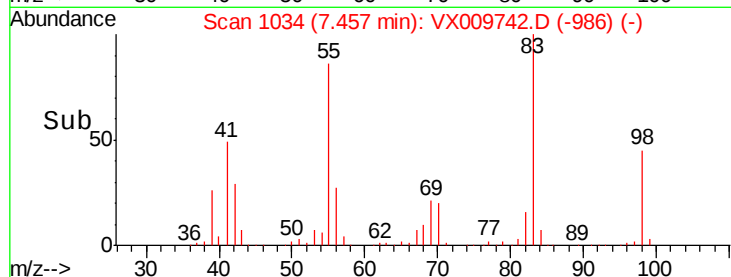
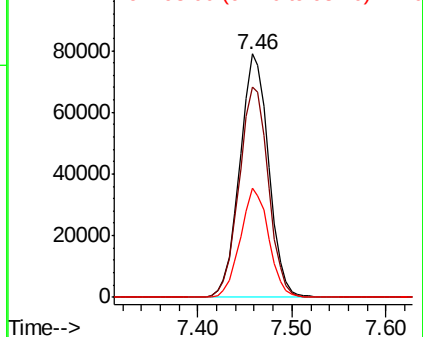
#39
Methvlcvclohexane
Concen: 54.299 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX009742.D
Acq: 21 May 2019 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 168989
Ion Ratio Lower Upper
83 100
55 86.2 67.7 101.5
98 45.0 35.5 53.3

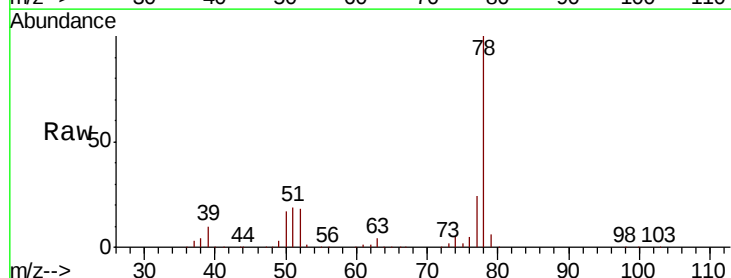


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

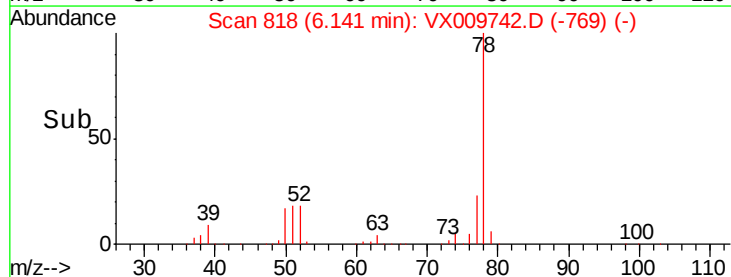
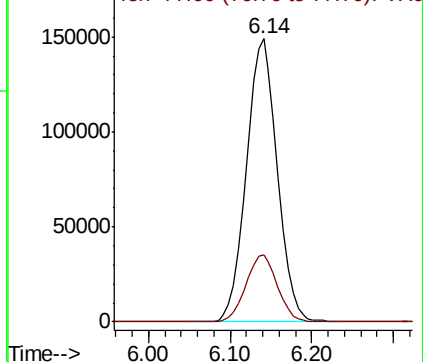


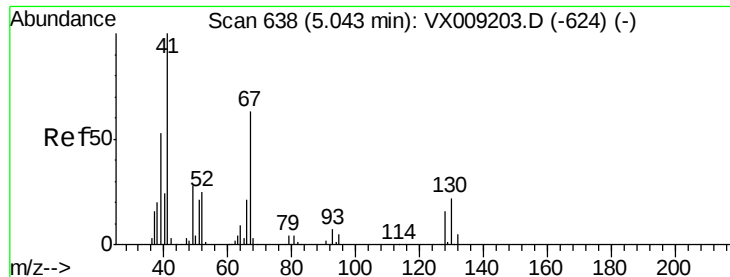
#40
Benzene
Concen: 50.072 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009742.D
Acq: 21 May 2019 12:12

Tgt Ion: 78 Resp: 392703
Ion Ratio Lower Upper
78 100
77 23.7 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

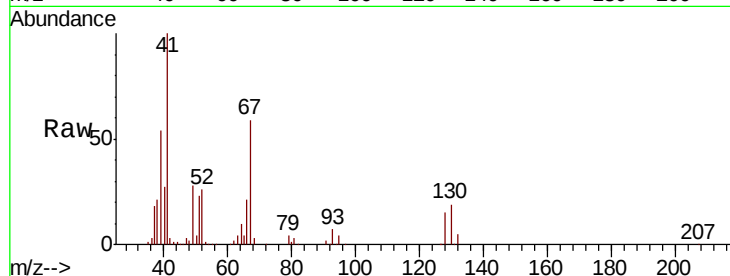




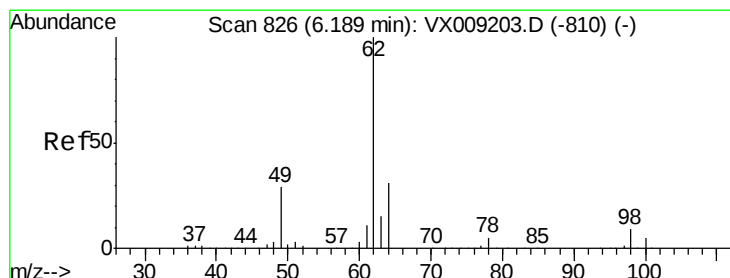
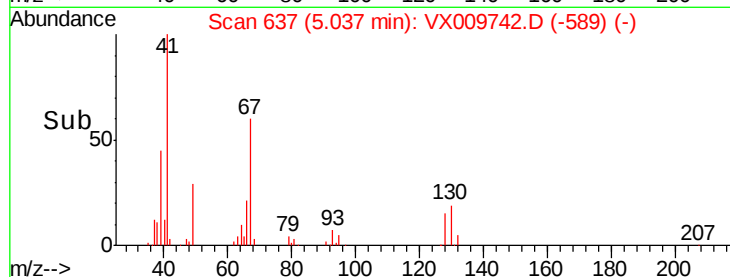
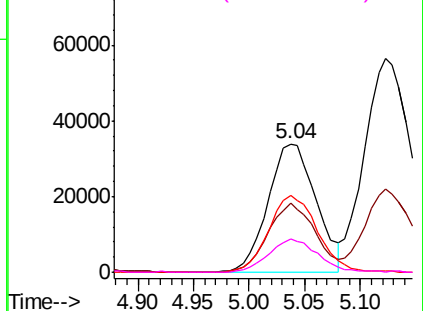
#41
Methacrylonitrile
Concen: 48.340 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX009742.D
Acq: 21 May 2019 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	101601
Ion	Ratio	Lower	Upper
41	100		
39	52.3	42.0	63.0
67	61.2	49.8	74.8
52	25.4	20.3	30.5

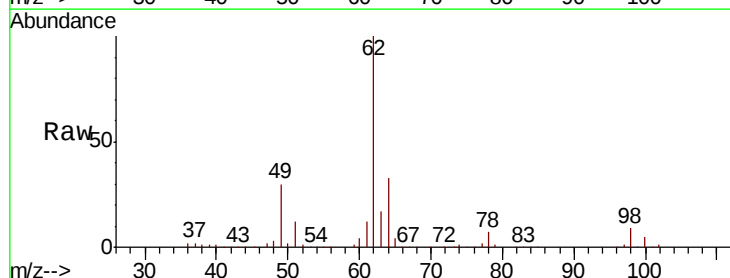


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

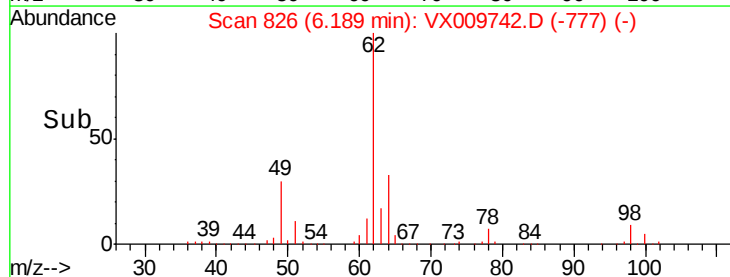
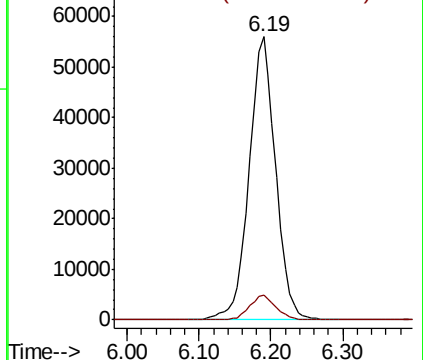


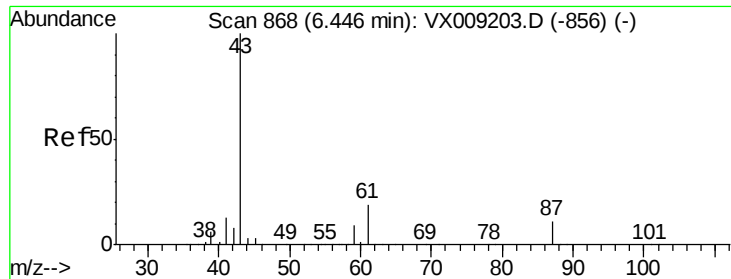
#42
1,2-Dichloroethane
Concen: 50.854 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX009742.D
Acq: 21 May 2019 12:12

Tgt Ion:	62	Resp:	143070
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	18.2



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





#43

Isopropyl Acetate

Concen: 51.120 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX009742.D

Acq: 21 May 2019 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

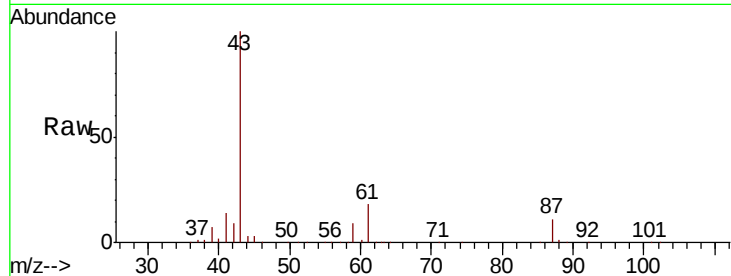
Tot Ion: 43 Resp: 288714

Ion Ratio Lower Upper

43 100

61 18.4 15.1 22.7

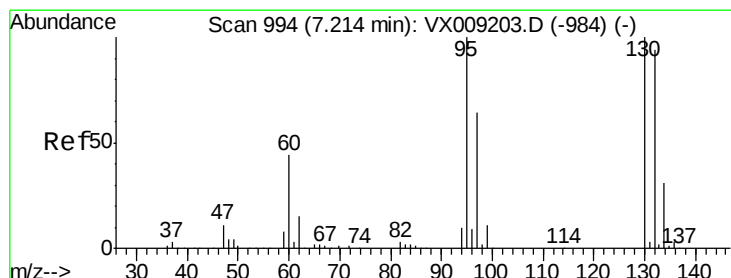
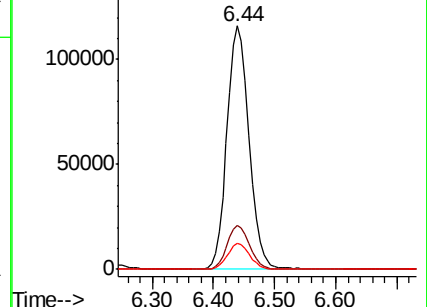
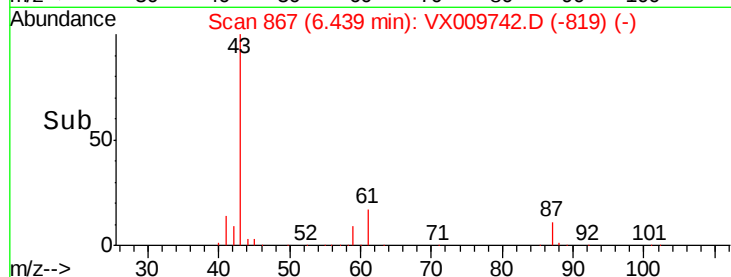
87 10.7 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX009742.D (-819) (-)

Ion 61.00 (60.70 to 61.70): VX009742.D (-819) (-)

Ion 87.00 (86.70 to 87.70): VX009742.D (-819) (-)



#44

Trichloroethene

Concen: 49.548 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX009742.D

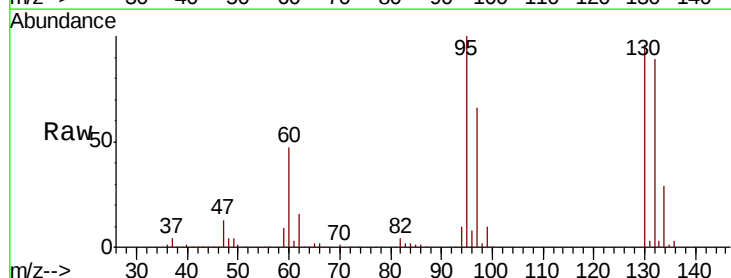
Acq: 21 May 2019 12:12

Tgt Ion:130 Resp: 93944

Ion Ratio Lower Upper

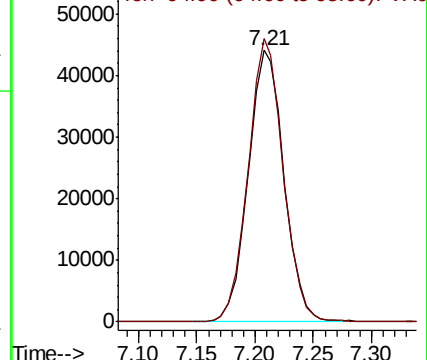
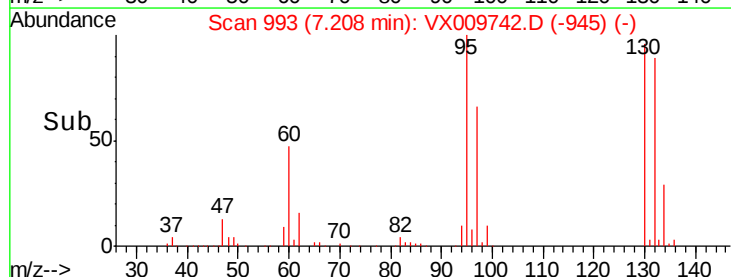
130 100

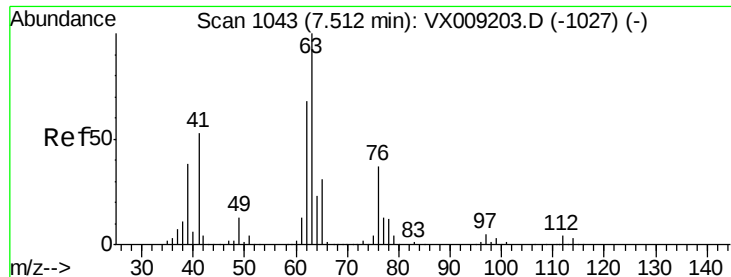
95 104.1 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): VX009742.D (-945) (-)

Ion 94.90 (94.60 to 95.60): VX009742.D (-945) (-)

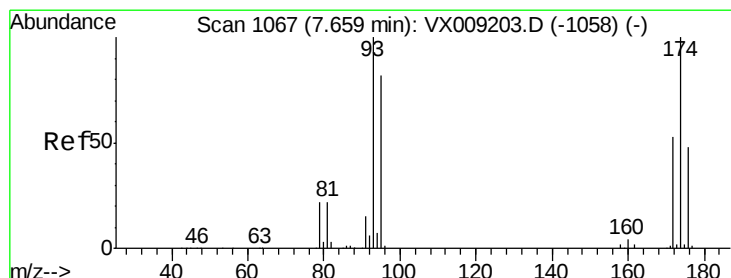
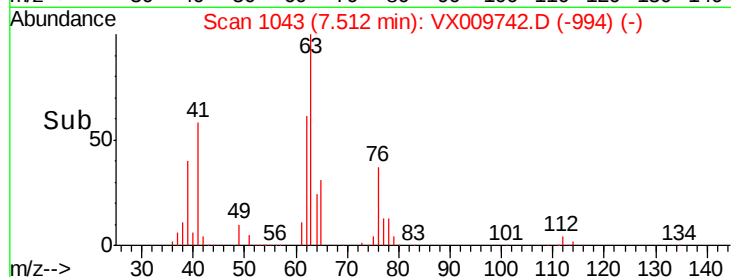
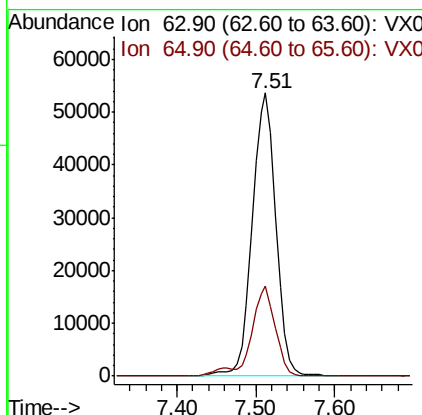
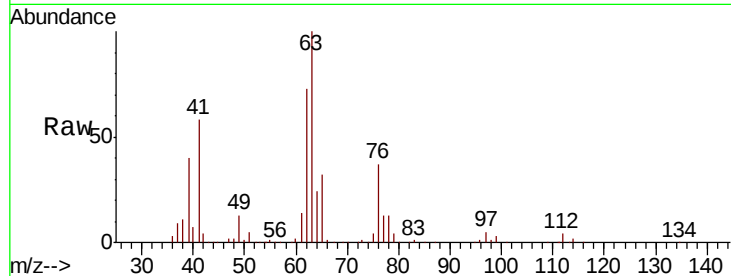




#45
 1,2-Dichloropropane
 Concen: 50.153 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX009742.D
 Acq: 21 May 2019 12:12

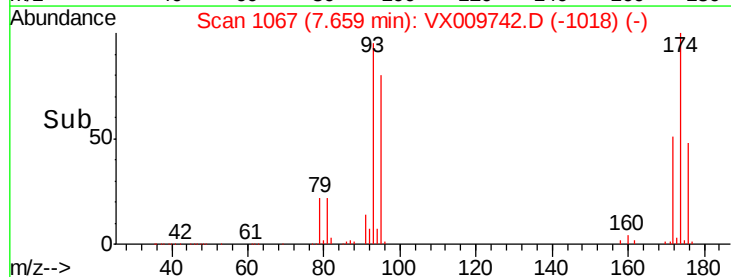
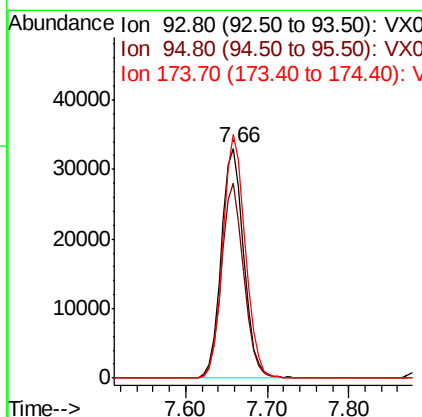
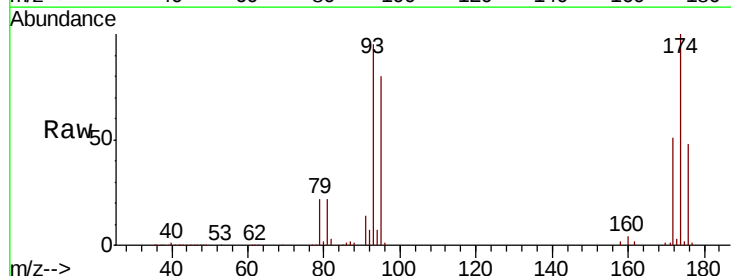
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

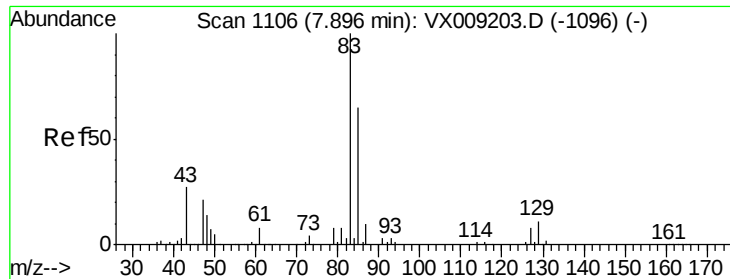
Tot Ion: 63 Resp: 111377
 Ion Ratio Lower Upper
 63 100
 65 31.8 25.0 37.6



#46
 Dibromomethane
 Concen: 48.974 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX009742.D
 Acq: 21 May 2019 12:12

Tgt Ion: 93 Resp: 63158
 Ion Ratio Lower Upper
 93 100
 95 83.7 66.5 99.7
 174 104.8 82.1 123.1





#47

Bromodichloromethane

Concen: 50.016 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009742.D

Acq: 21 May 2019 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

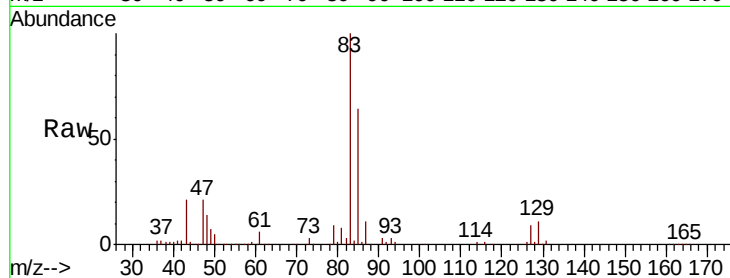
Tot Ion: 83 Resp: 128663

Ion Ratio Lower Upper

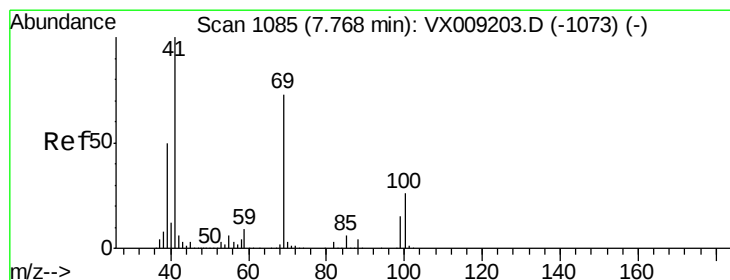
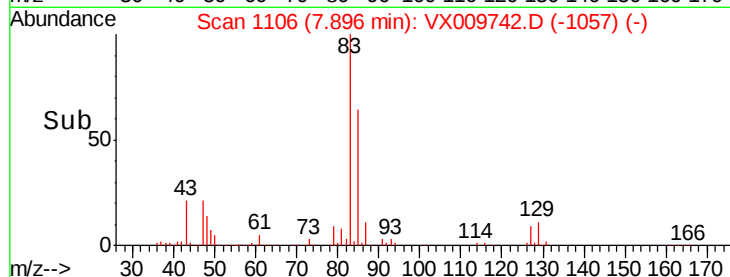
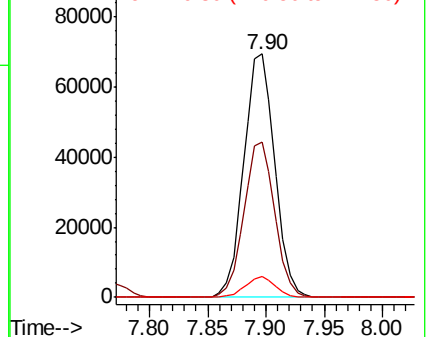
83 100

85 63.5 52.4 78.6

127 8.6 6.6 10.0



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



#48

Methyl methacrylate

Concen: 52.085 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX009742.D

Acq: 21 May 2019 12:12

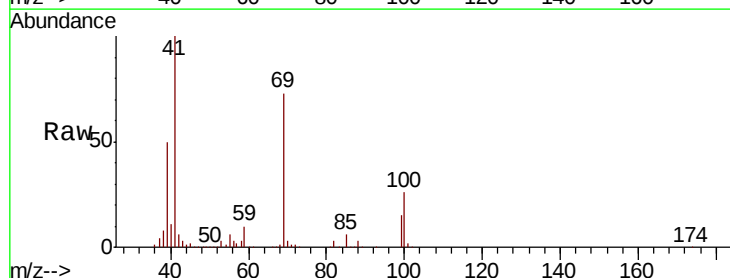
Tgt Ion: 41 Resp: 145943

Ion Ratio Lower Upper

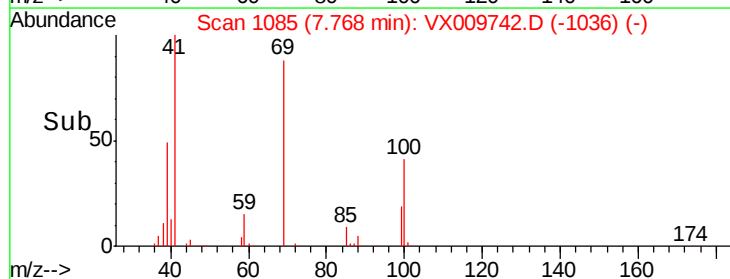
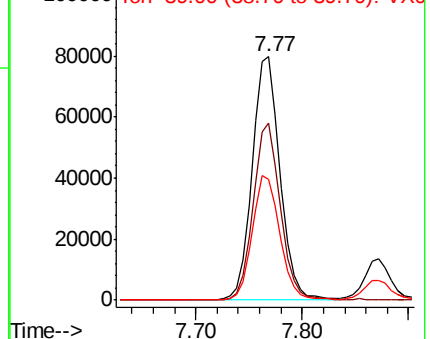
41 100

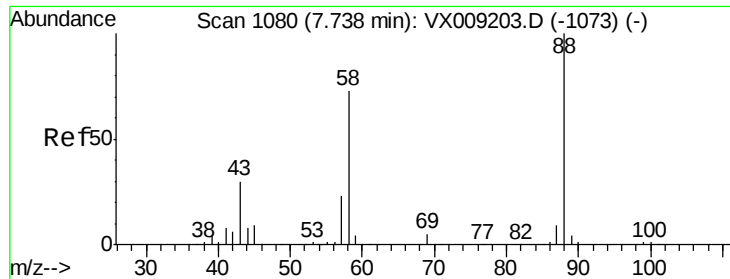
69 71.6 59.1 88.7

39 50.9 40.4 60.6



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

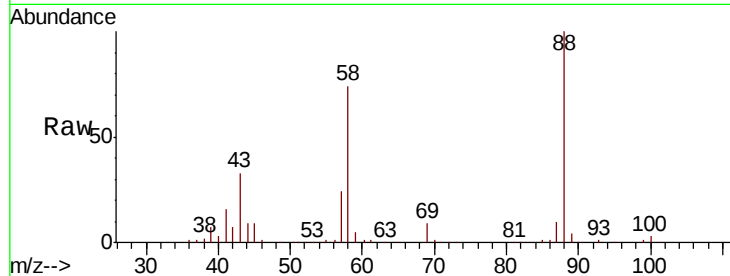




#49
1,4-Dioxane
Concen: 851.540 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX009742.D
Acq: 21 May 2019 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	48388
Ion	Ratio	Lower	Upper
88	100		
43	38.1	28.6	42.8
58	79.3	61.7	92.5

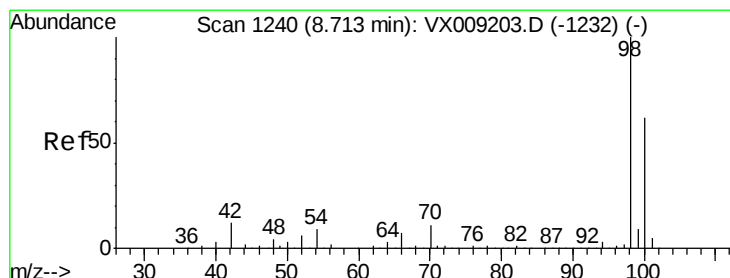
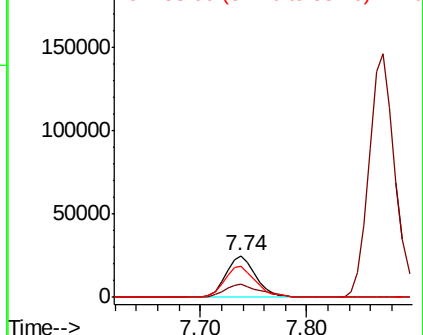
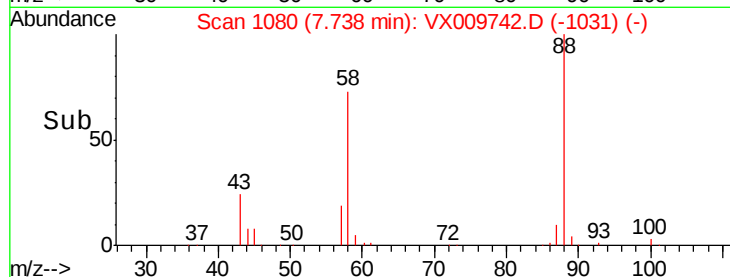


Abundance

Ion 88.00 (87.70 to 88.70): VX0

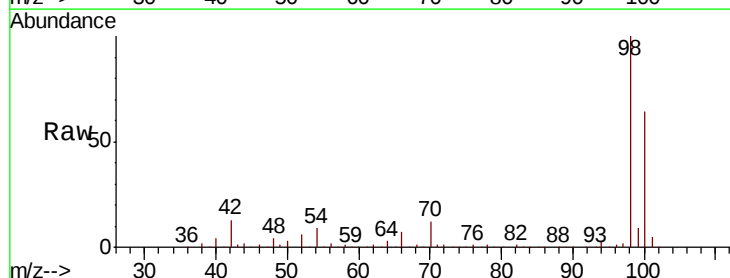
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 42.095 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009742.D
Acq: 21 May 2019 12:12

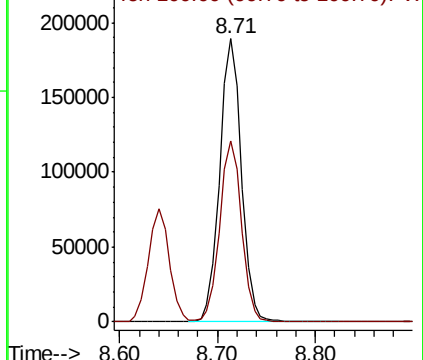
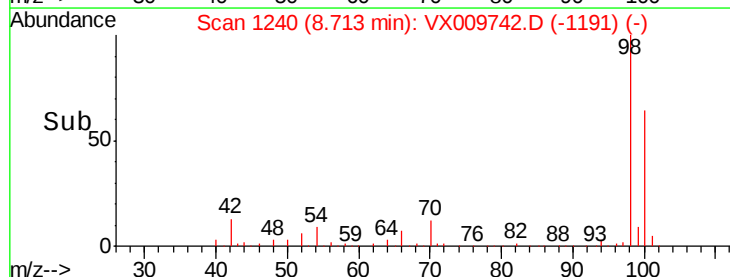
Tgt Ion	98	Resp	291332
Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.2	76.8

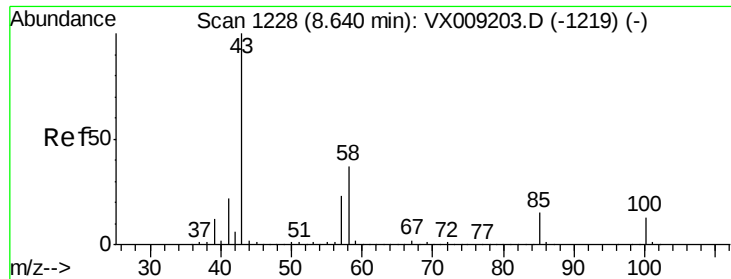


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 255.917 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX009742.D

Acq: 21 May 2019 12:12

Instrument :

MSVOA_X

ClientSampleId :

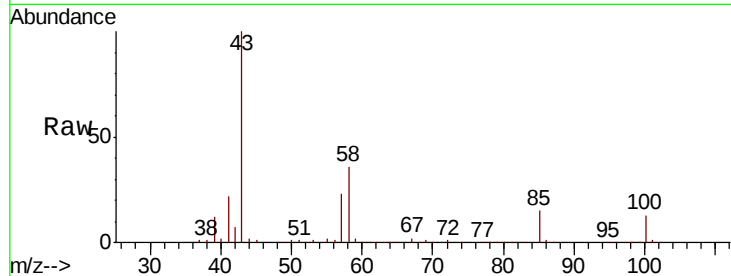
VSTDCCC050

Tot Ion: 43 Resp: 944718

Ion Ratio Lower Upper

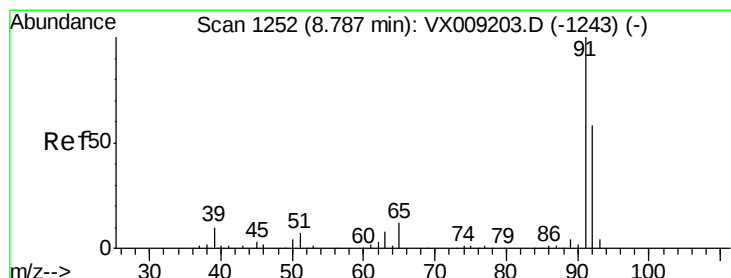
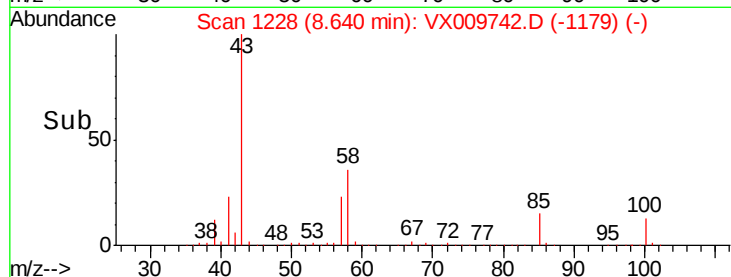
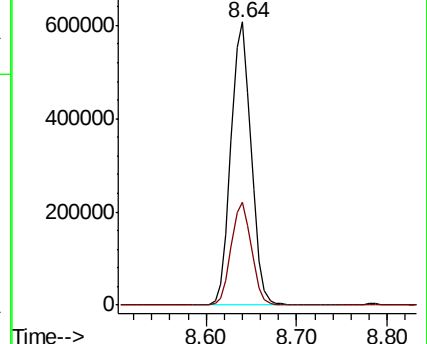
43 100

58 36.1 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.853 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009742.D

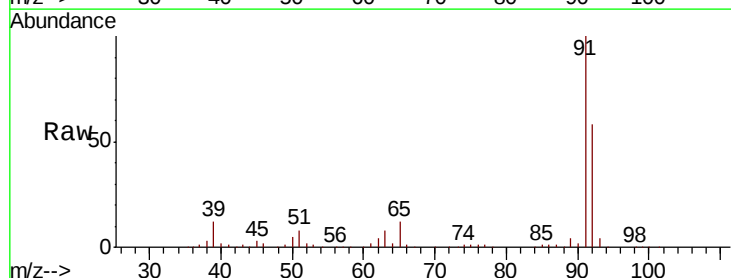
Acq: 21 May 2019 12:12

Tgt Ion: 92 Resp: 242437

Ion Ratio Lower Upper

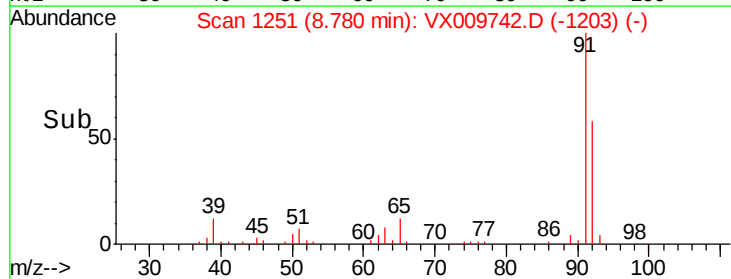
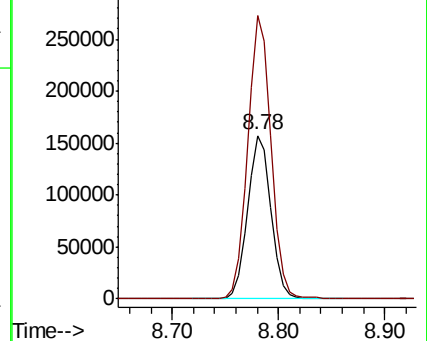
92 100

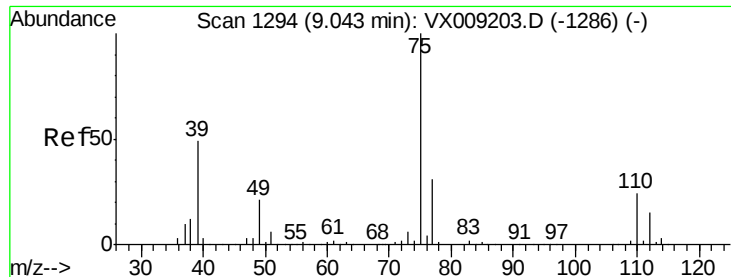
91 173.3 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

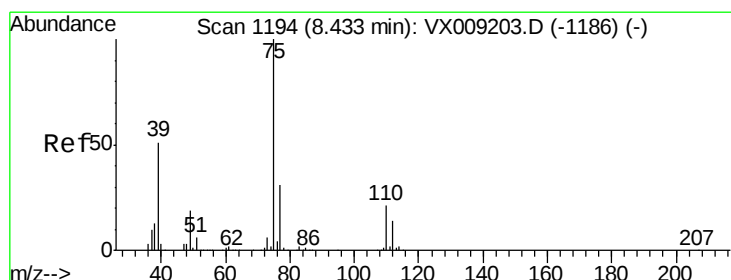
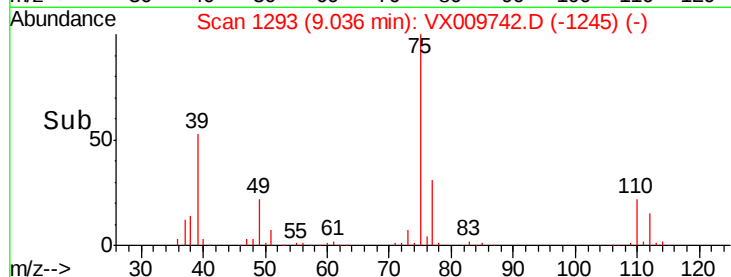
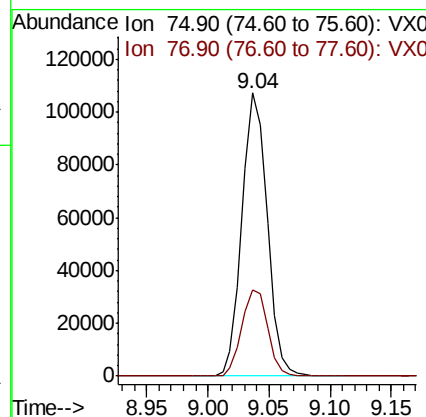
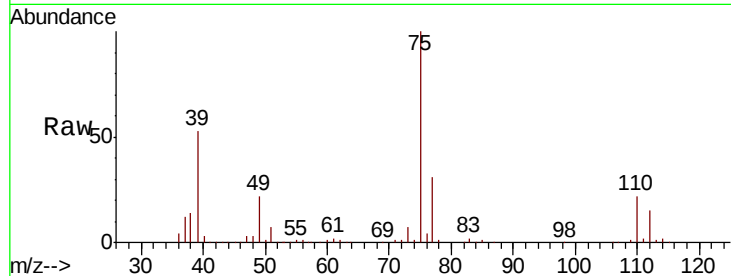




#53
 t-1,3-Dichloropropene
 Concen: 52.825 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: VX009742.D
 Acq: 21 May 2019 12:12

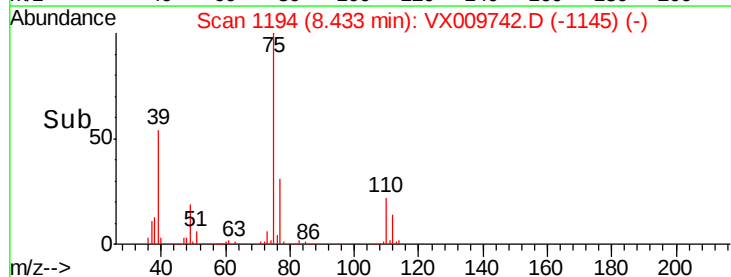
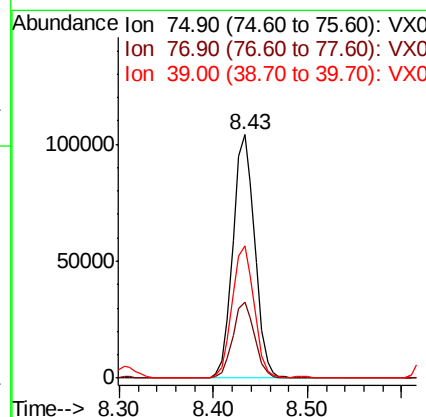
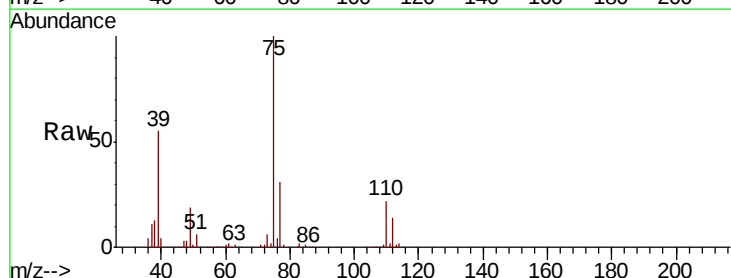
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

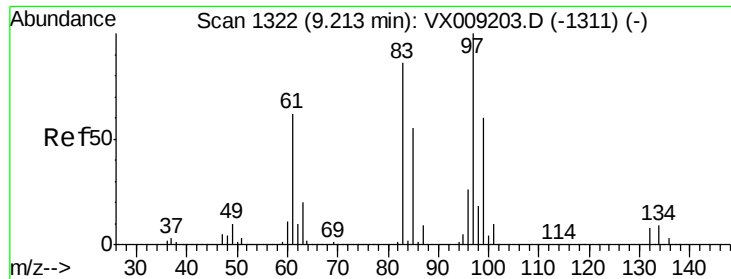
Tot Ion: 75 Resp: 153421
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 52.135 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX009742.D
 Acq: 21 May 2019 12:12

Tgt Ion: 75 Resp: 167594
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.6 36.8
 39 54.4 40.6 60.8

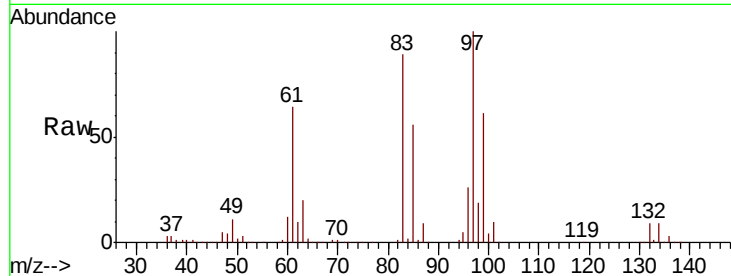




#55
1,1,2-Trichloroethane
Concen: 49.607 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX009742.D
Acq: 21 May 2019 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	97	Resp:	96484
Ion	Ratio	Lower	Upper
97	100		
83	89.5	68.9	103.3
85	56.4	43.8	65.6
99	61.3	48.2	72.2



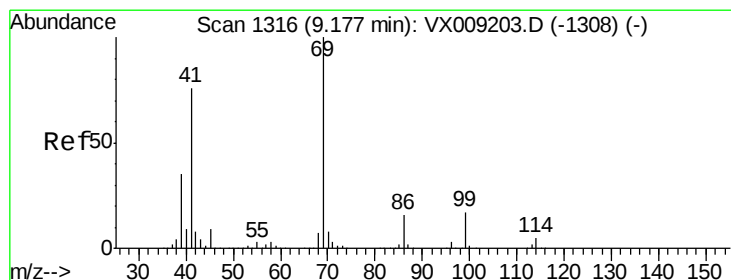
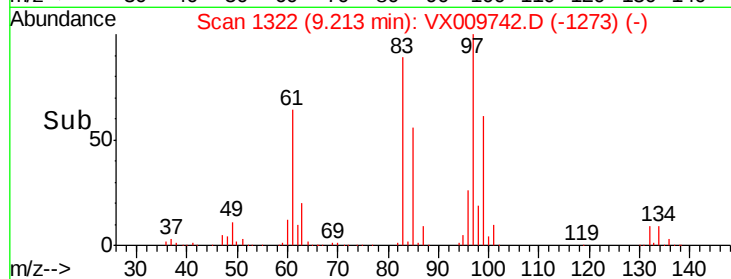
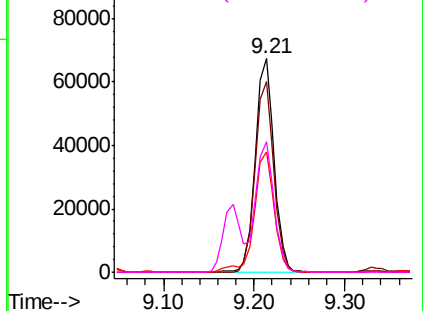
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

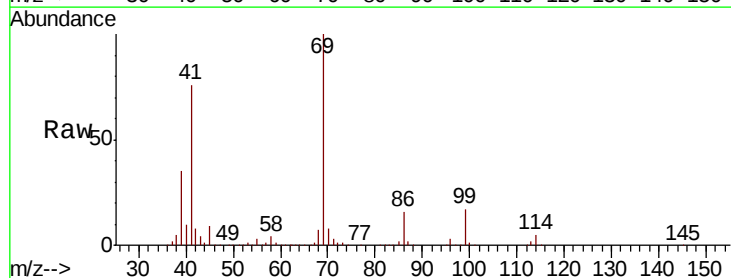
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
Ethyl methacrylate
Concen: 51.188 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VX009742.D
Acq: 21 May 2019 12:12

Tgt Ion:	69	Resp:	177718
Ion	Ratio	Lower	Upper
69	100		
41	78.3	60.6	90.8
39	36.7	28.2	42.4

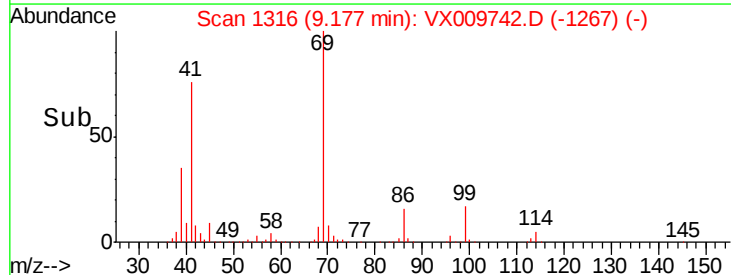
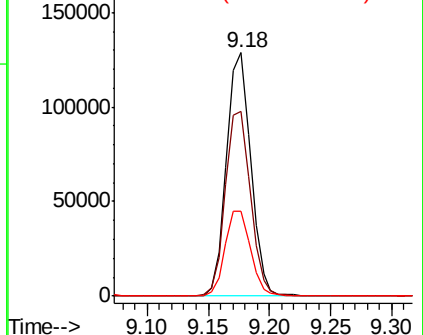


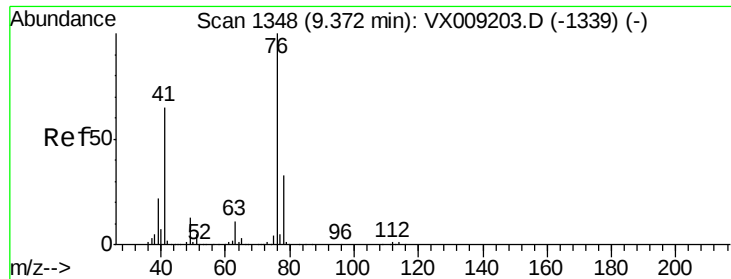
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 49.633 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX009742.D

Acq: 21 May 2019 12:12

Instrument :

MSVOA_X

ClientSampleId :

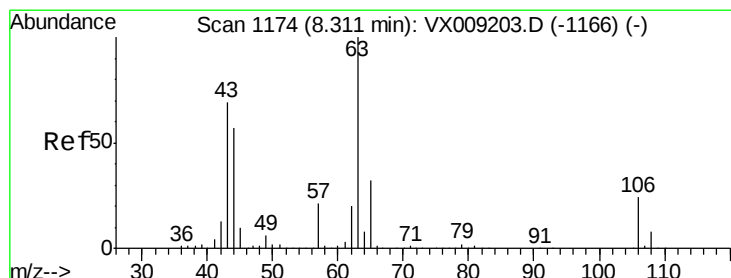
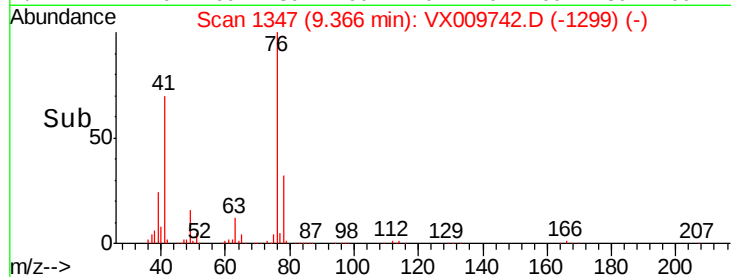
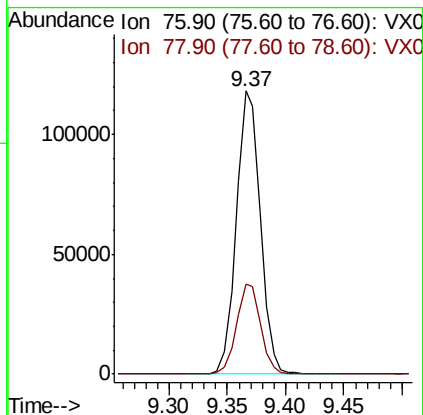
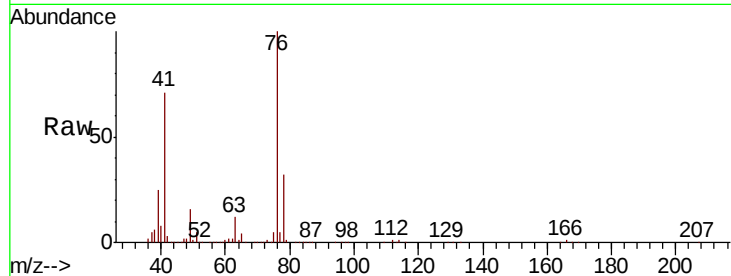
VSTDCCC050

Tot Ion: 76 Resp: 169878

Ion Ratio Lower Upper

76 100

78 31.8 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 192.997 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX009742.D

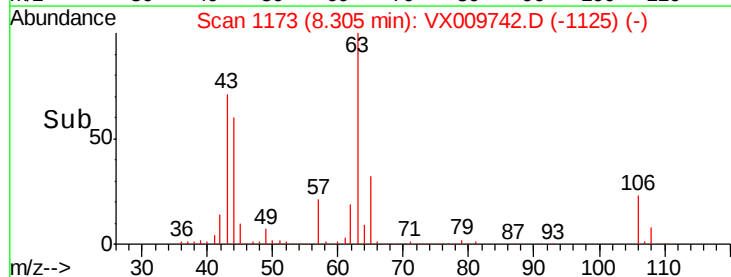
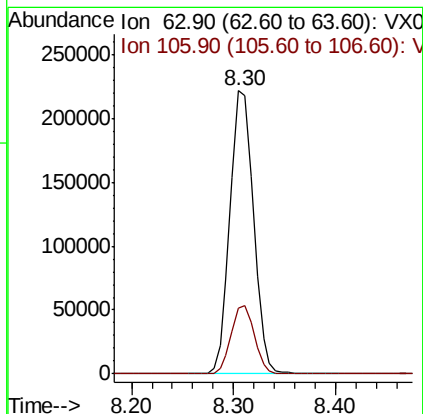
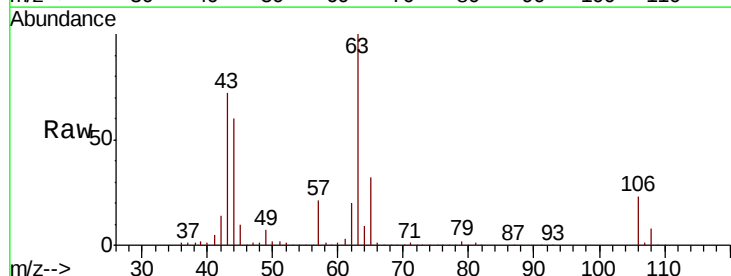
Acq: 21 May 2019 12:12

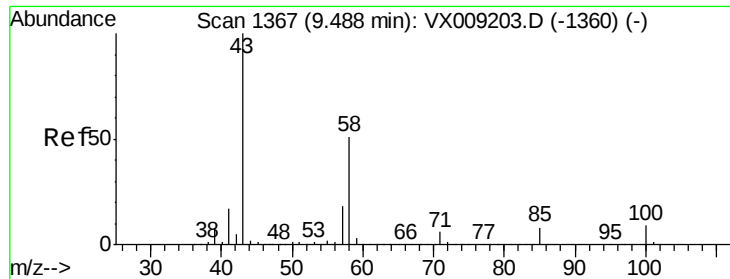
Tgt Ion: 63 Resp: 355467

Ion Ratio Lower Upper

63 100

106 24.0 19.7 29.5

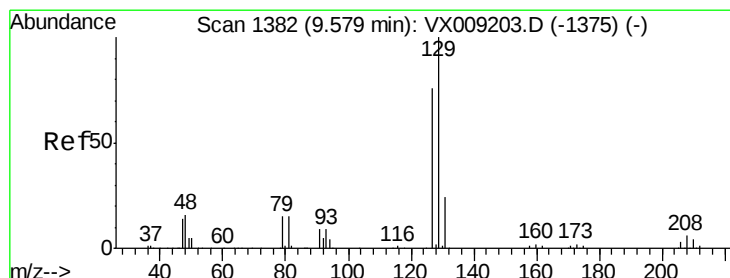
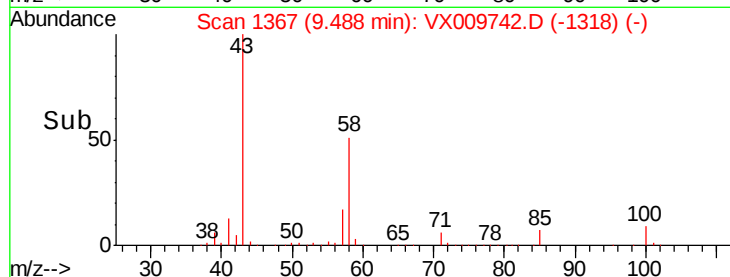
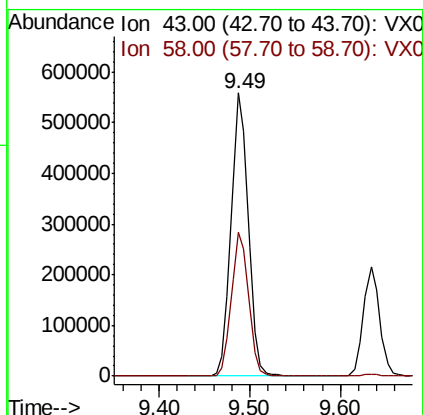
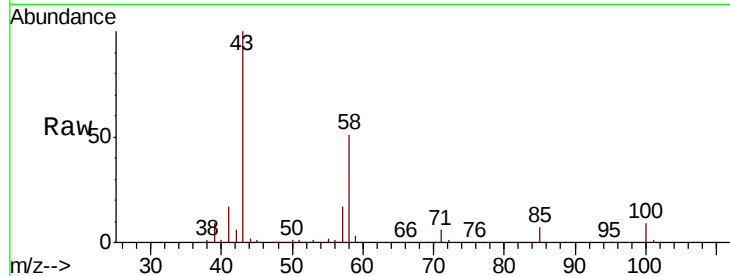




#59
2-Hexanone
Concen: 254.303 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX009742.D
Acq: 21 May 2019 12:12

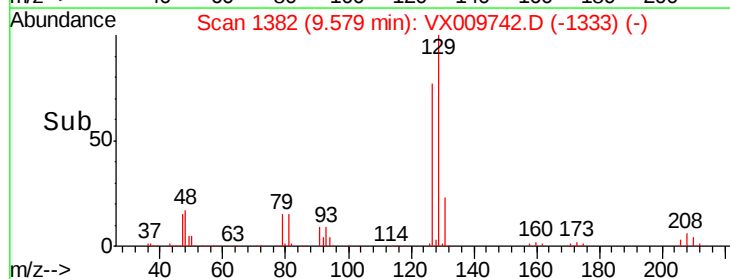
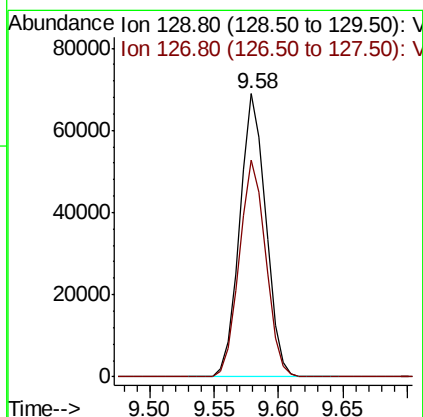
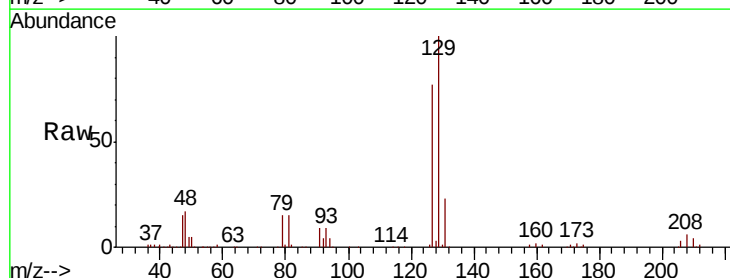
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

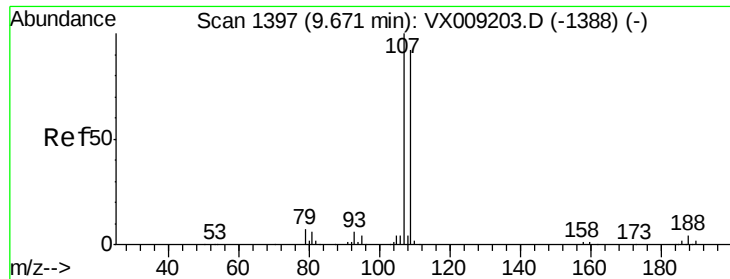
Tot Ion: 43 Resp: 737291
Ion Ratio Lower Upper
43 100
58 50.7 25.9 77.7



#60
Dibromochloromethane
Concen: 50.957 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009742.D
Acq: 21 May 2019 12:12

Tgt Ion:129 Resp: 96800
Ion Ratio Lower Upper
129 100
127 77.5 38.4 115.1

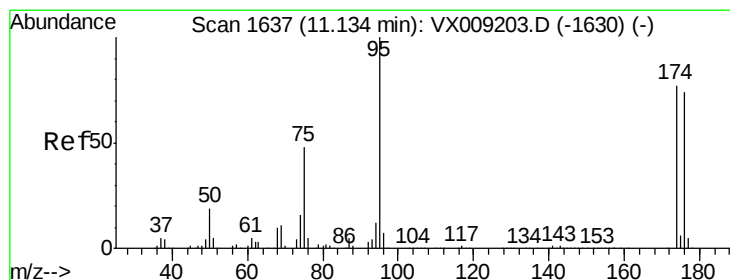
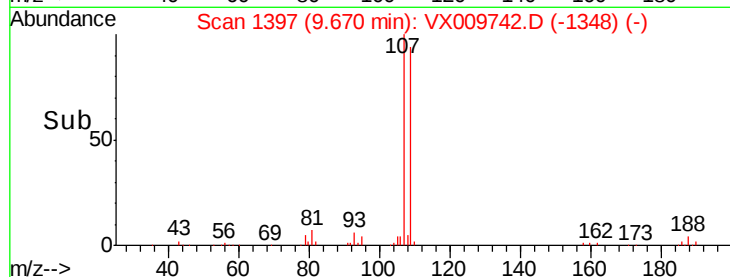
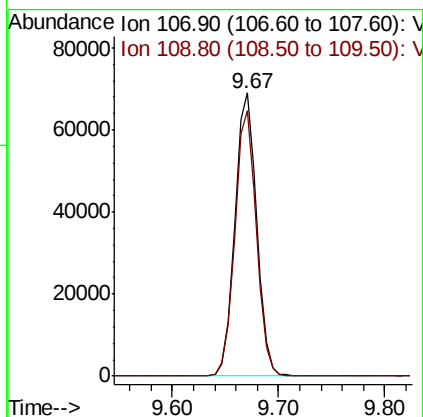
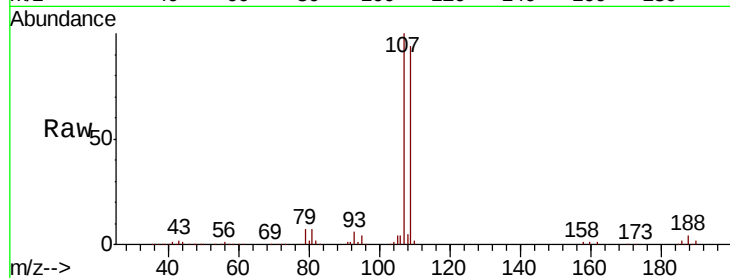




#61
 1,2-Dibromoethane
 Concen: 50.527 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX009742.D
 Acq: 21 May 2019 12:12

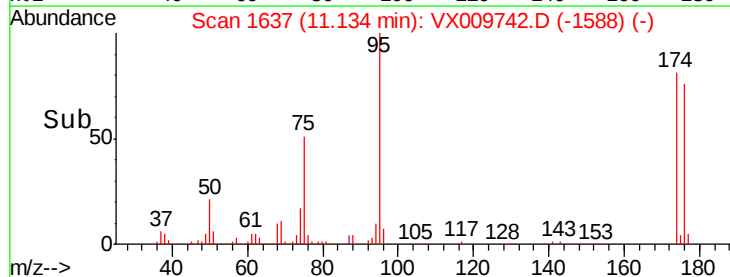
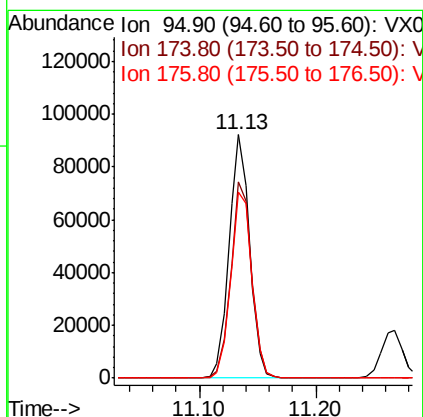
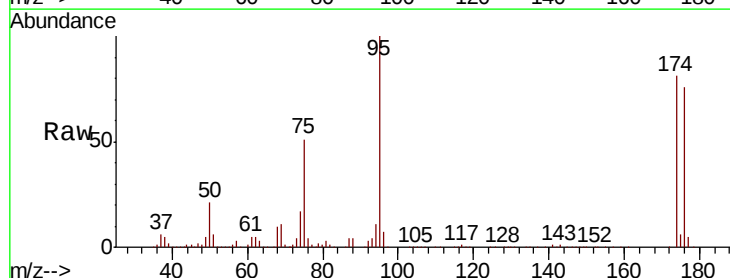
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

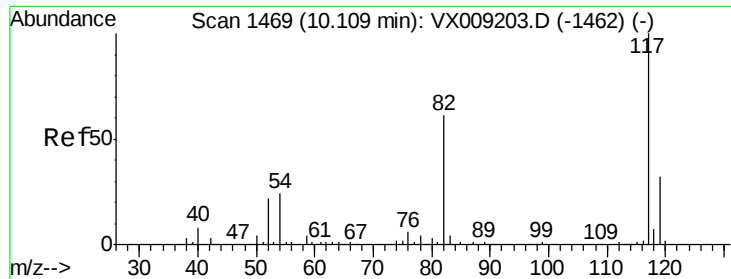
Tot Ion:107 Resp: 99200
 Ion Ratio Lower Upper
 107 100
 109 92.4 75.2 112.8



#62
 4-Bromofluorobenzene
 Concen: 44.778 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX009742.D
 Acq: 21 May 2019 12:12

Tgt Ion: 95 Resp: 112607
 Ion Ratio Lower Upper
 95 100
 174 81.8 0.0 161.6
 176 79.2 0.0 159.2

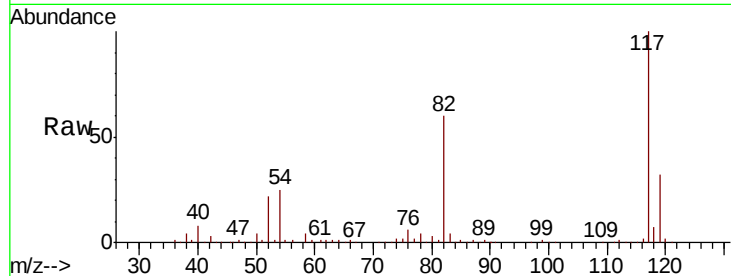




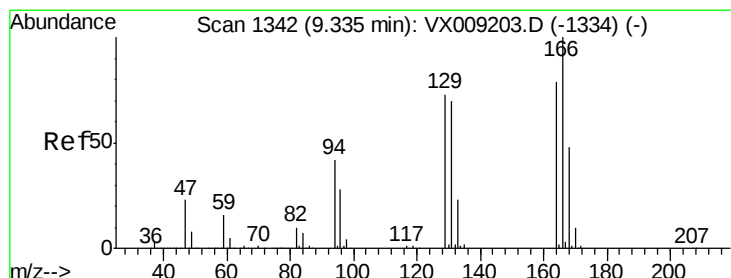
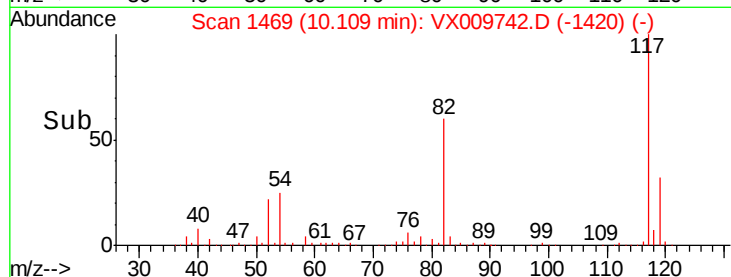
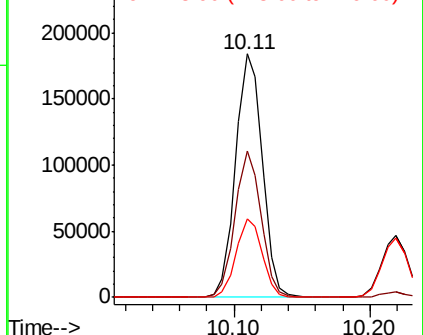
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009742.D
Acq: 21 May 2019 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 251434
Ion Ratio Lower Upper
117 100
82 60.3 48.8 73.2
119 32.3 25.8 38.6



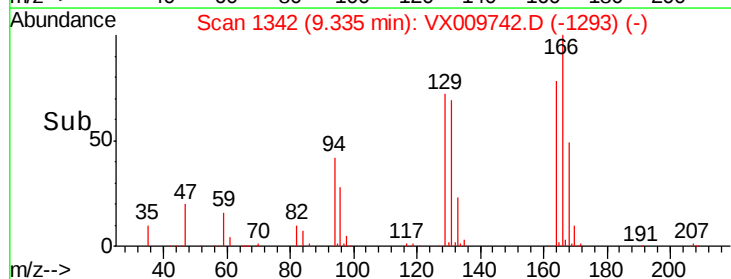
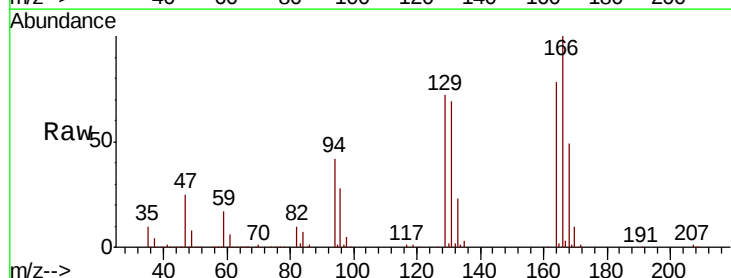
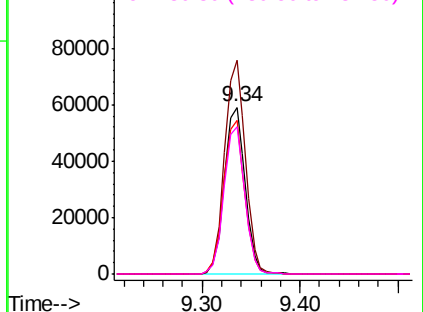
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

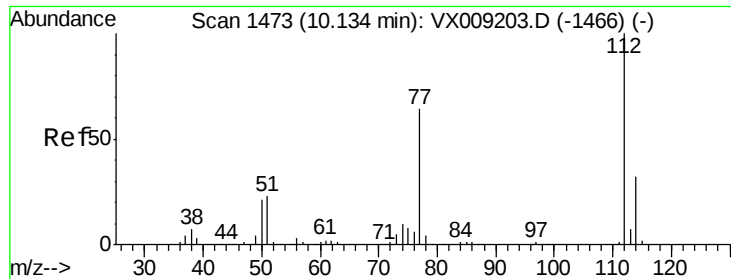


#64
Tetrachloroethene
Concen: 50.687 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009742.D
Acq: 21 May 2019 12:12

Tgt Ion:164 Resp: 87421
Ion Ratio Lower Upper
164 100
166 128.1 101.2 151.8
129 92.2 74.3 111.5
131 88.0 71.0 106.6

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

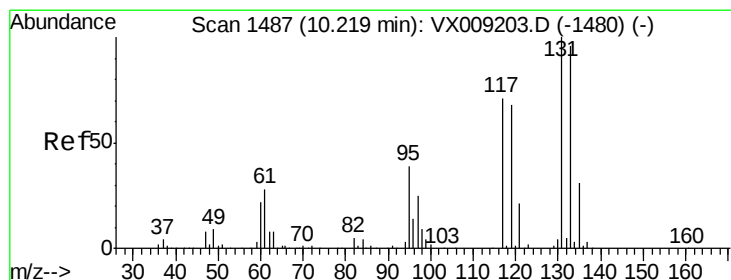
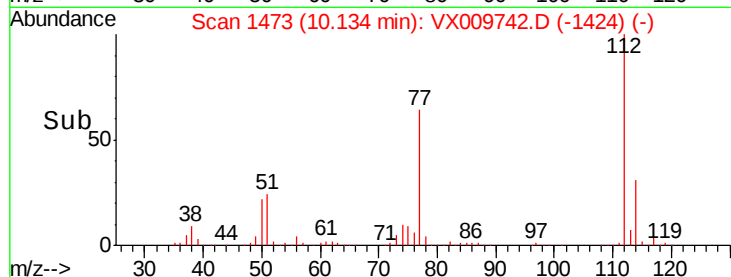
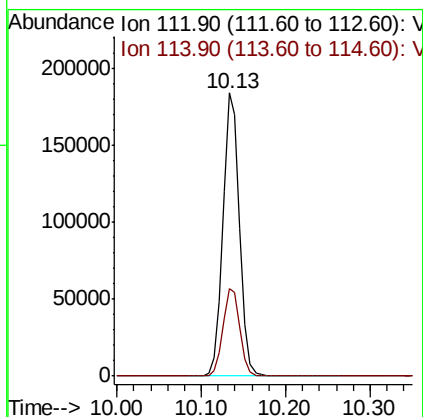
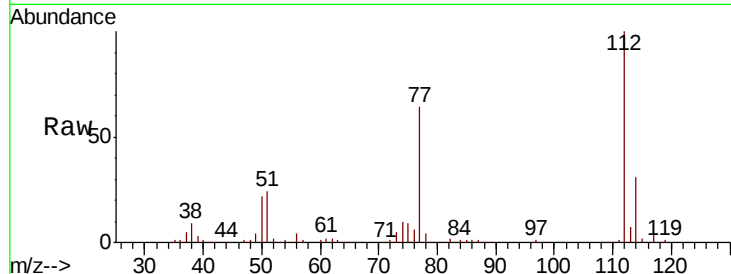




#65
Chlorobenzene
Concen: 49.642 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX009742.D
Acq: 21 May 2019 12:12

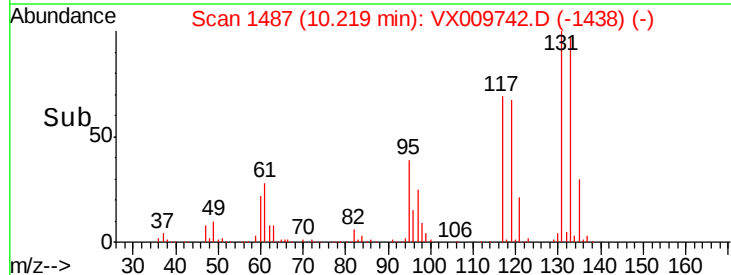
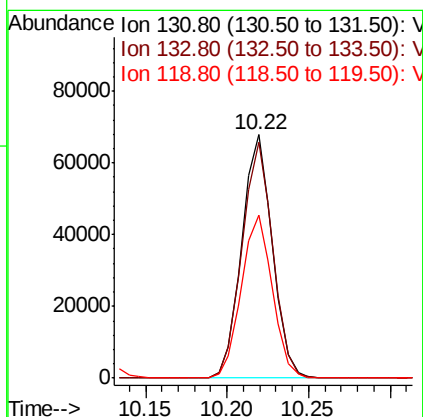
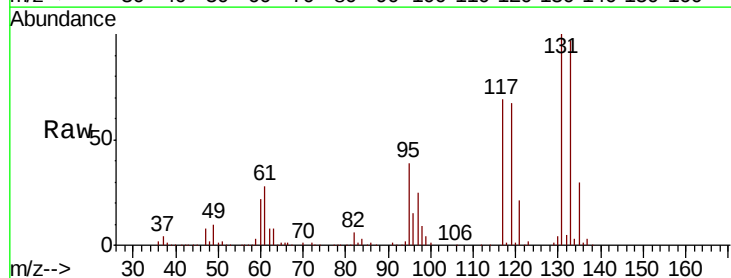
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

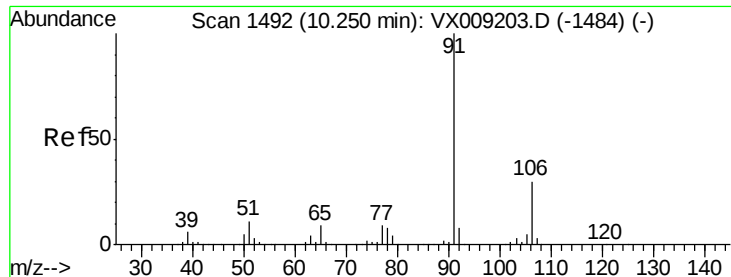
Tot Ion:112 Resp: 249688
Ion Ratio Lower Upper
112 100
114 31.1 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 48.841 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX009742.D
Acq: 21 May 2019 12:12

Tgt Ion:131 Resp: 89063
Ion Ratio Lower Upper
131 100
133 97.2 47.7 143.1
119 67.6 33.5 100.4





#67

Ethyl Benzene

Concen: 51.167 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX009742.D

Acq: 21 May 2019 12:12

Instrument :

MSVOA_X

ClientSampleId :

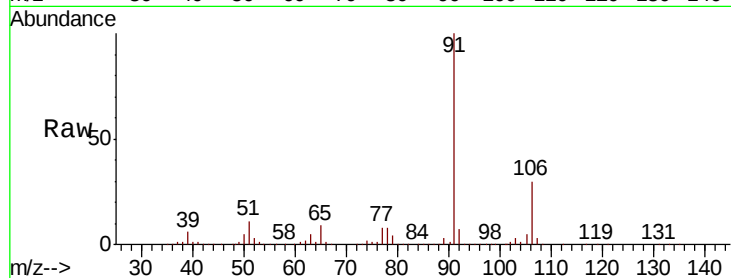
VSTDCCC050

Tot Ion: 91 Resp: 473643

Ion Ratio Lower Upper

91 100

106 30.1 24.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX009203.D (-1484) (-)

Ion 106.00 (105.70 to 106.70): VX009203.D (-1484) (-)

600000

500000

400000

300000

200000

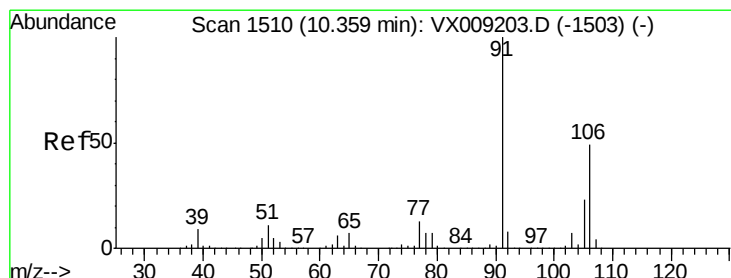
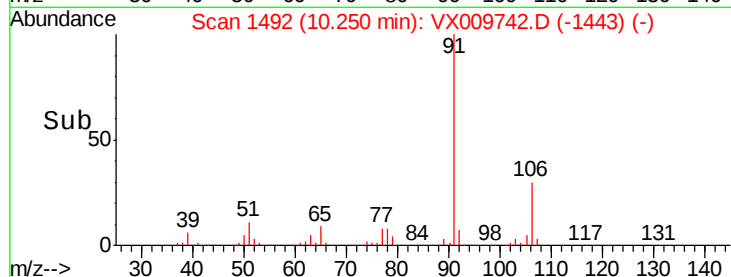
100000

0

10.20

10.30

Time-->



#68

m/p-Xylenes

Concen: 103.029 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX009742.D

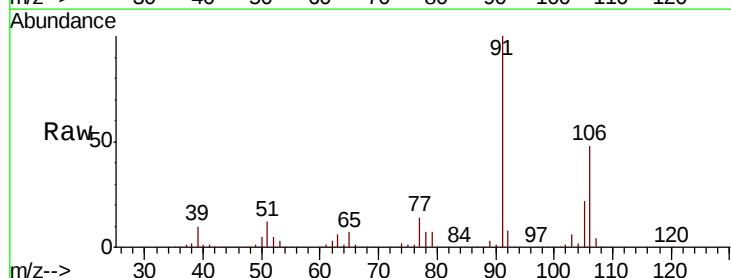
Acq: 21 May 2019 12:12

Tgt Ion: 106 Resp: 348519

Ion Ratio Lower Upper

106 100

91 207.2 164.0 246.0



Abundance Ion 106.00 (105.70 to 106.70): VX009203.D (-1503) (-)

Ion 91.00 (90.70 to 91.70): VX009203.D (-1503) (-)

600000

500000

400000

300000

200000

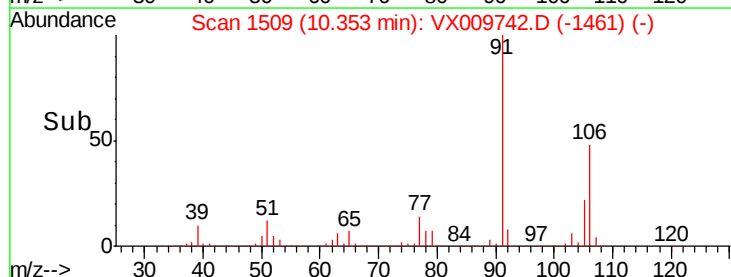
100000

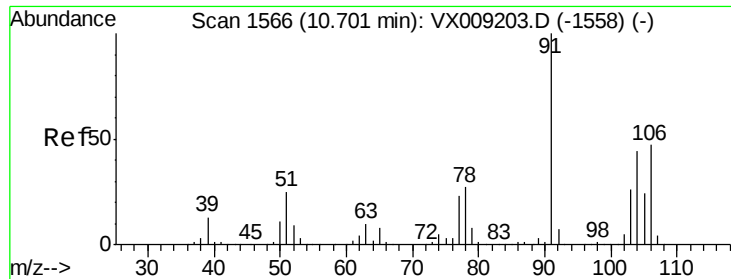
0

10.30

10.40

Time-->

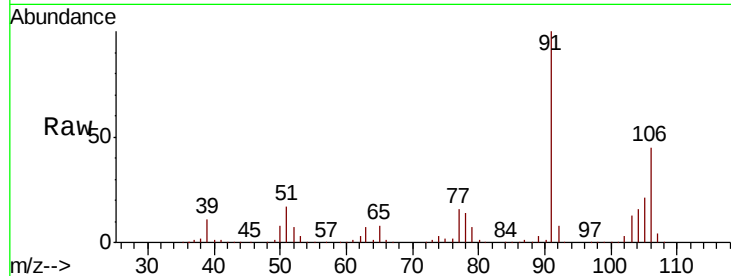




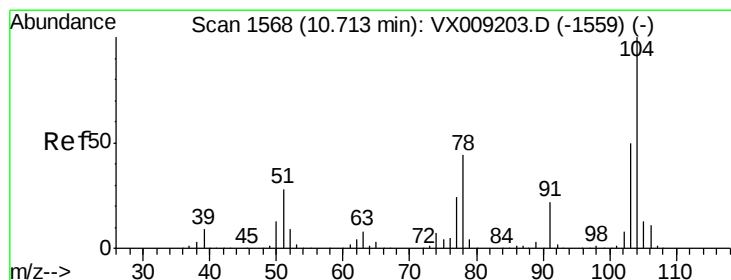
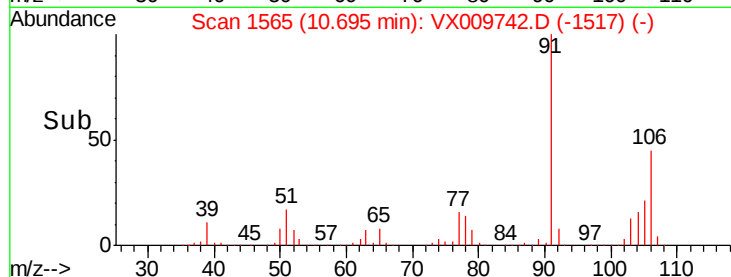
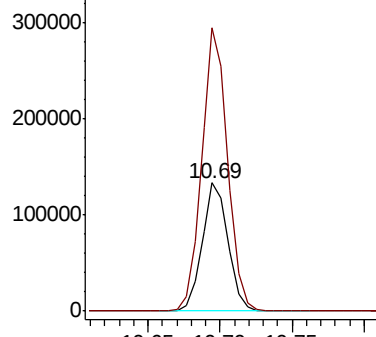
#69
o-Xylene
Concen: 50.217 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009742.D
Acq: 21 May 2019 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 167602
Ion Ratio Lower Upper
106 100
91 219.9 109.5 328.4

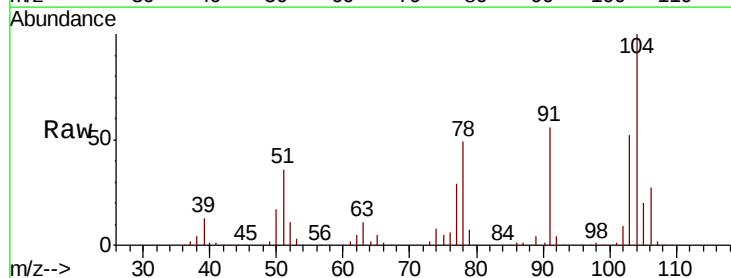


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

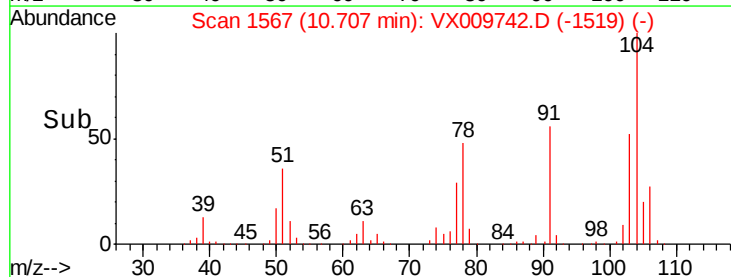
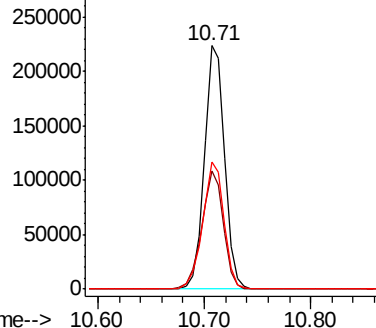


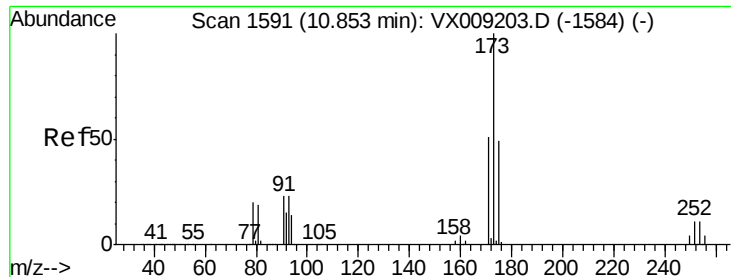
#70
Styrene
Concen: 51.034 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX009742.D
Acq: 21 May 2019 12:12

Tgt Ion:104 Resp: 296045
Ion Ratio Lower Upper
104 100
78 52.3 41.0 61.4
103 55.4 43.8 65.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 51.388 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX009742.D

Acq: 21 May 2019 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

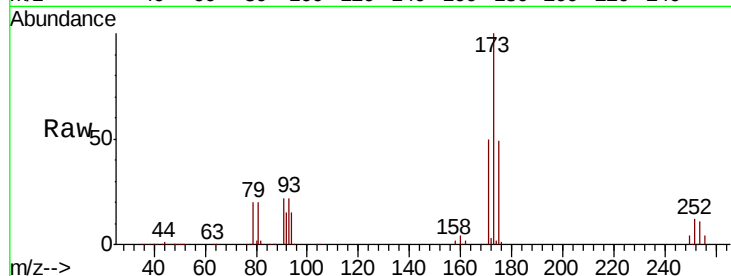
Tot Ion:173 Resp: 76151

Ion Ratio Lower Upper

173 100

175 48.1 24.5 73.5

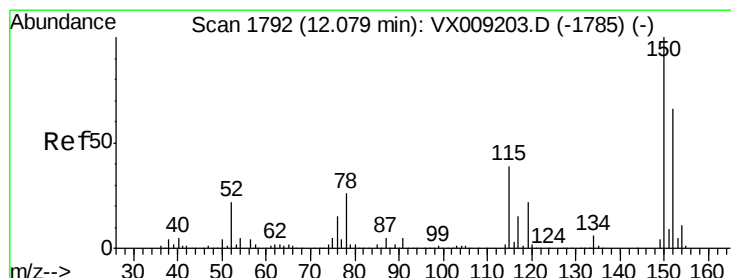
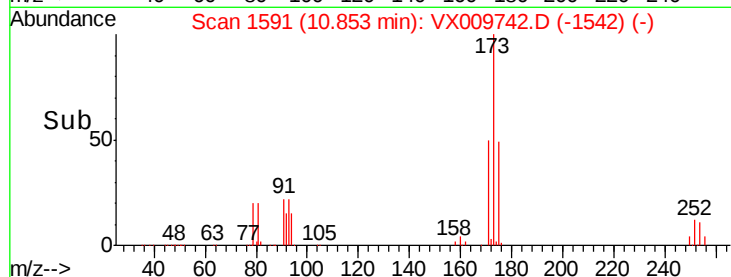
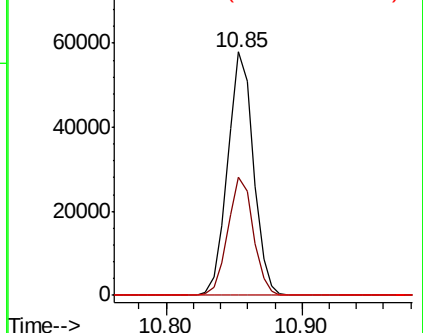
254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009742.D

Acq: 21 May 2019 12:12

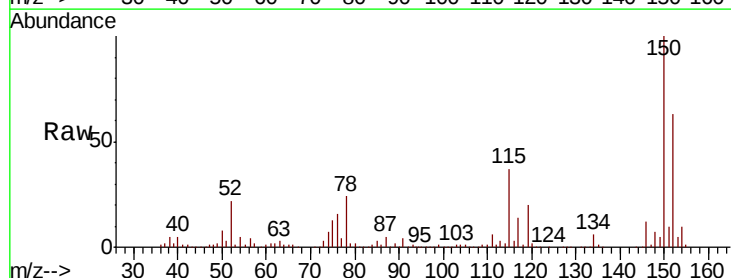
Tgt Ion:152 Resp: 126116

Ion Ratio Lower Upper

152 100

115 82.2 41.2 123.6

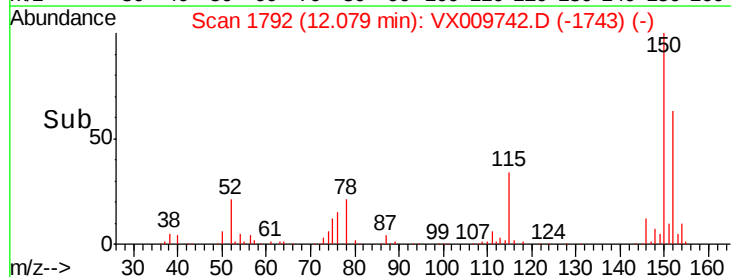
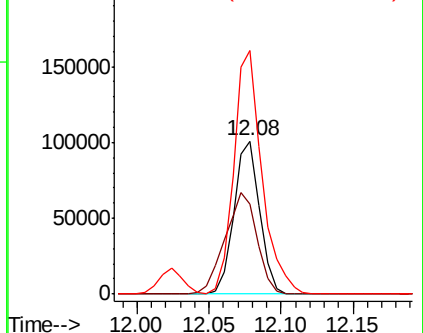
150 173.7 0.0 346.4

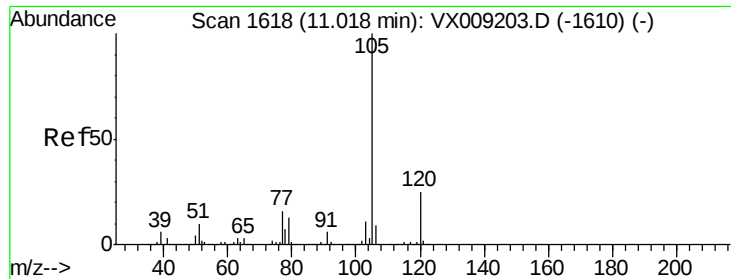


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.422 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009742.D

Acq: 21 May 2019 12:12

Instrument :

MSVOA_X

ClientSampleId :

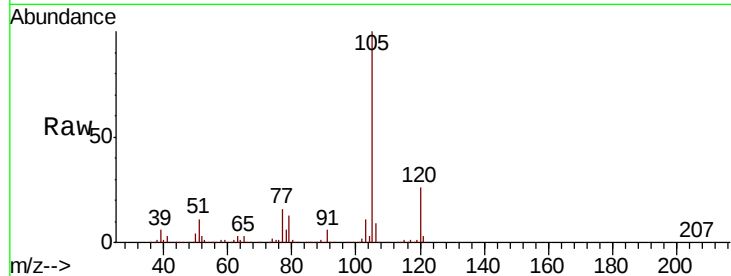
VSTDCCC050

Tot Ion:105 Resp: 453251

Ion Ratio Lower Upper

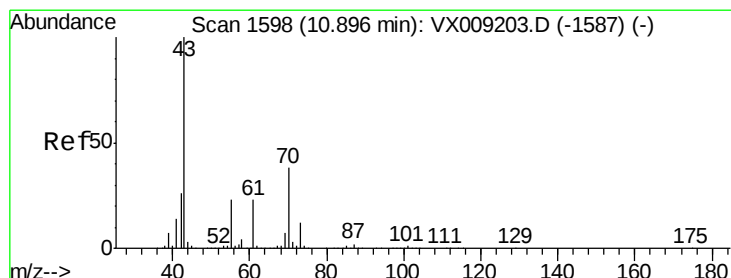
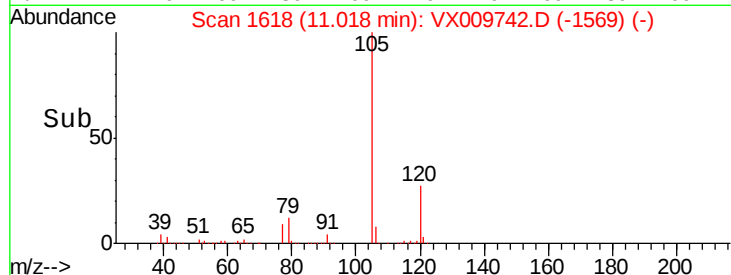
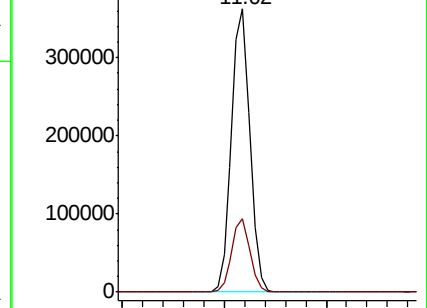
105 100

120 25.6 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.791 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009742.D

Acq: 21 May 2019 12:12

Tgt Ion: 43 Resp: 266221

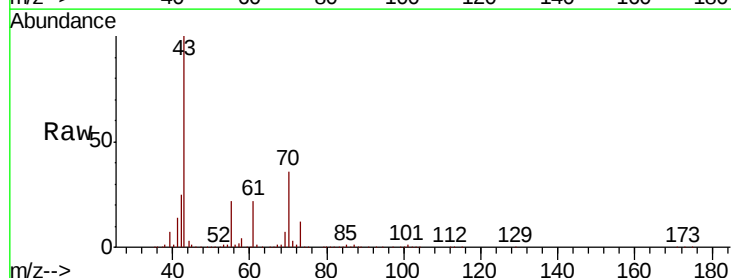
Ion Ratio Lower Upper

43 100

70 36.4 30.0 45.0

55 22.4 17.9 26.9

61 22.0 18.4 27.6

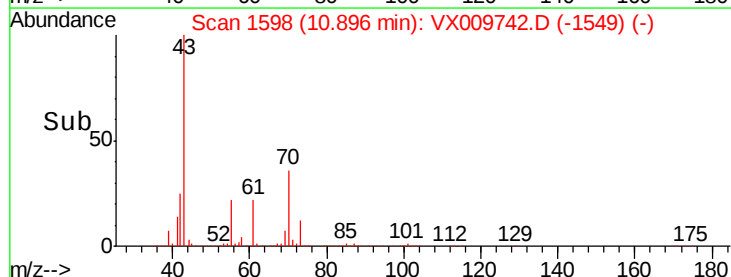
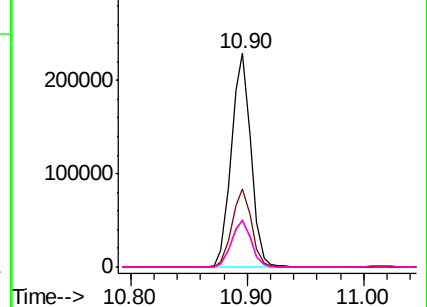


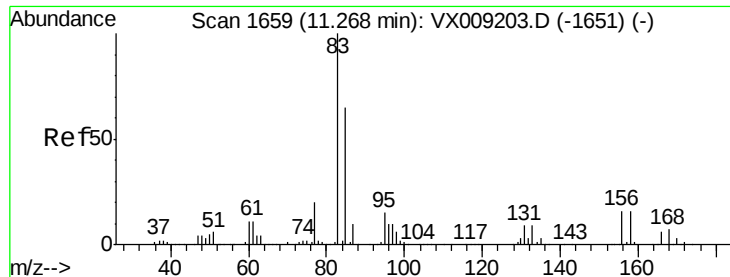
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.748 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009742.D

Acq: 21 May 2019 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

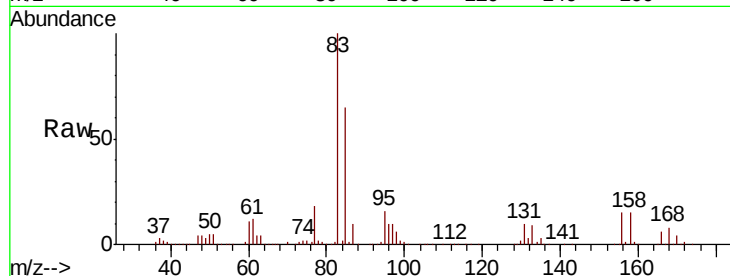
Tot Ion: 83 Resp: 159823

Ion Ratio Lower Upper

83 100

131 9.7 4.6 13.8

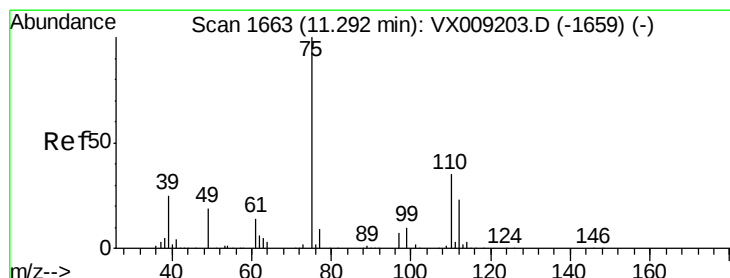
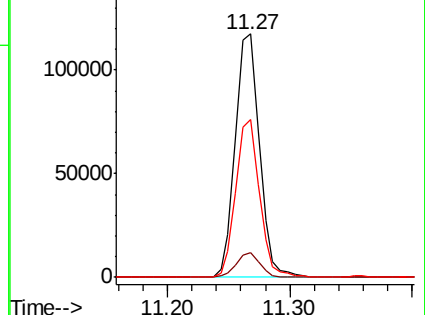
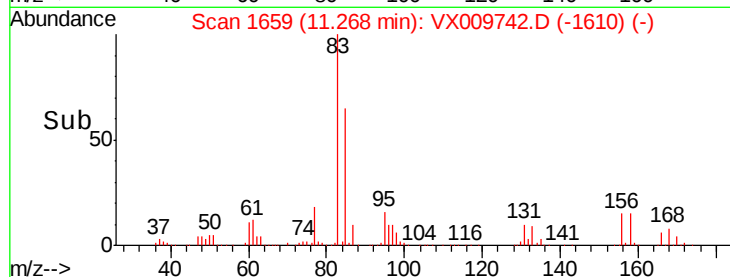
85 63.7 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX009742.D (-1610) (-)

Ion 130.80 (130.50 to 131.50): VX009742.D (-1610) (-)

Ion 84.90 (84.60 to 85.60): VX009742.D (-1610) (-)



#76

1,2,3-Trichloropropane

Concen: 65.444 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX009742.D

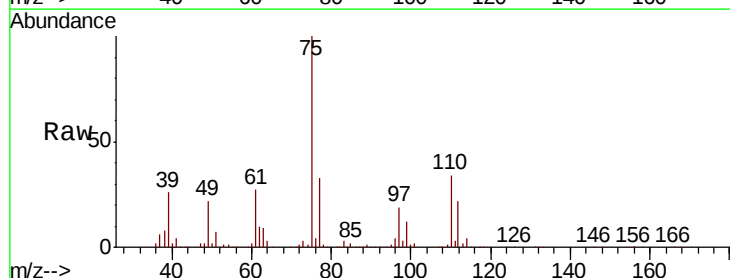
Acq: 21 May 2019 12:12

Tgt Ion: 75 Resp: 191453

Ion Ratio Lower Upper

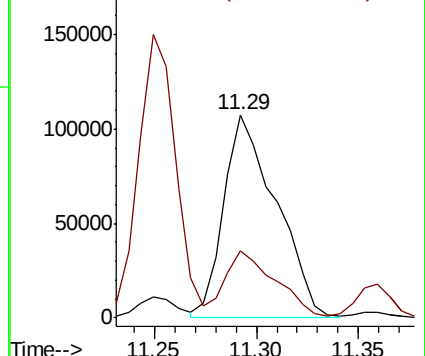
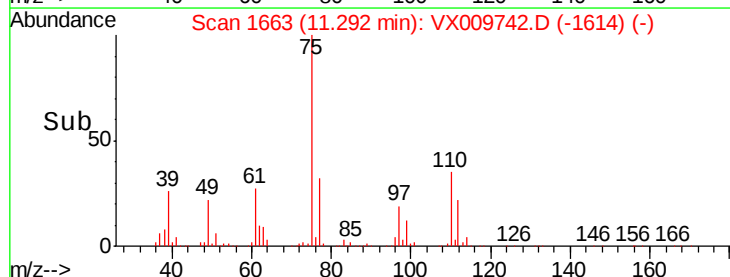
75 100

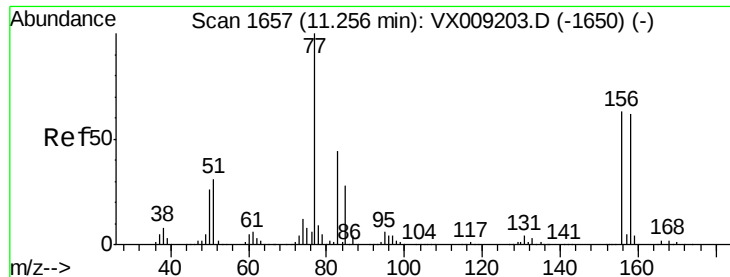
77 31.9 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX009742.D (-1614) (-)

Ion 77.00 (76.70 to 77.70): VX009742.D (-1614) (-)

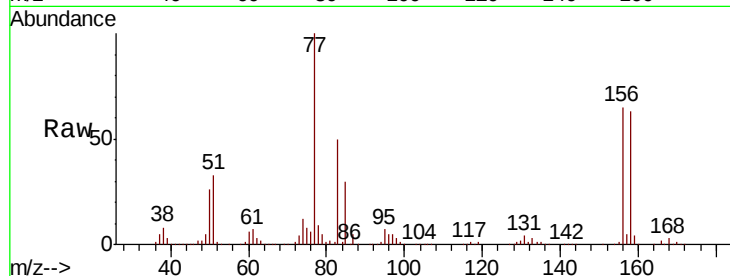




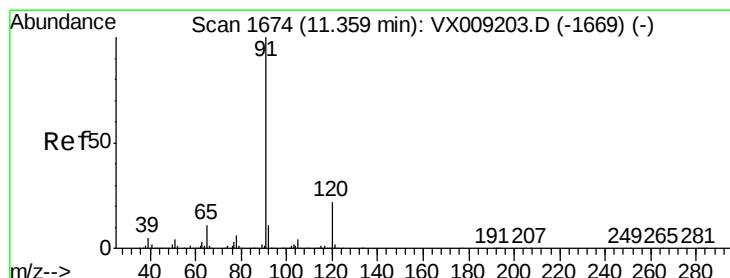
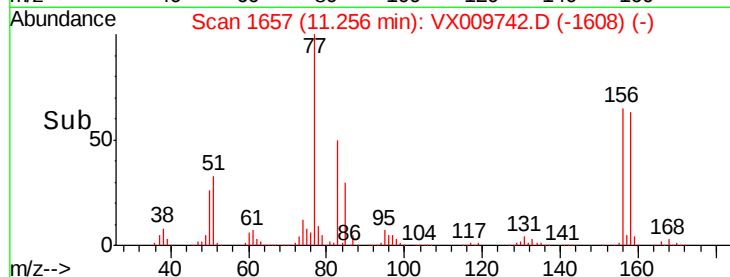
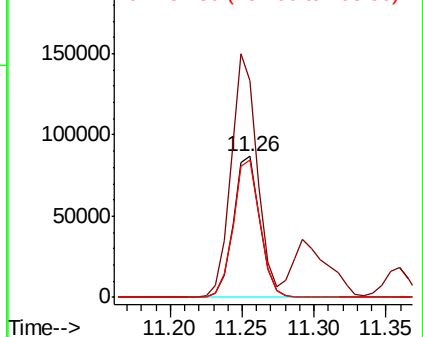
#77
Bromobenzene
Concen: 49.100 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX009742.D
Acq: 21 May 2019 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:156 Resp: 111766
Ion Ratio Lower Upper
156 100
77 169.8 84.8 254.3
158 97.9 49.1 147.3

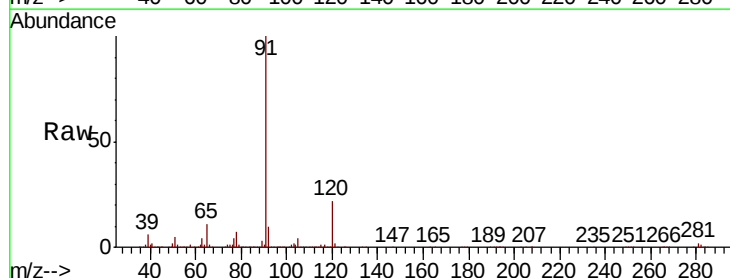


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V

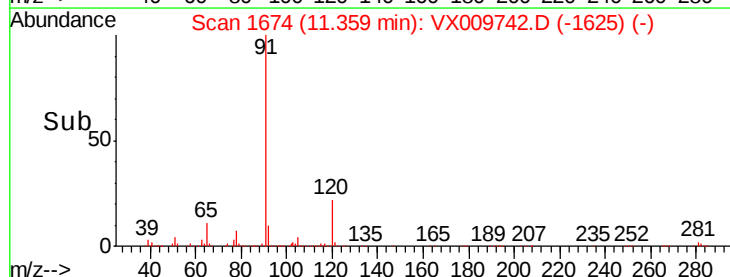
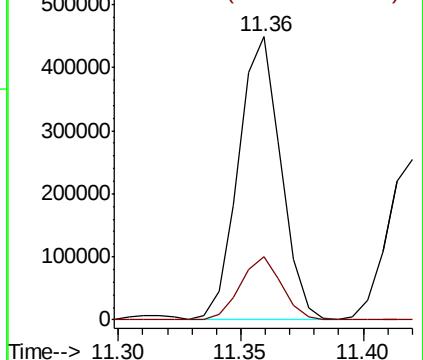


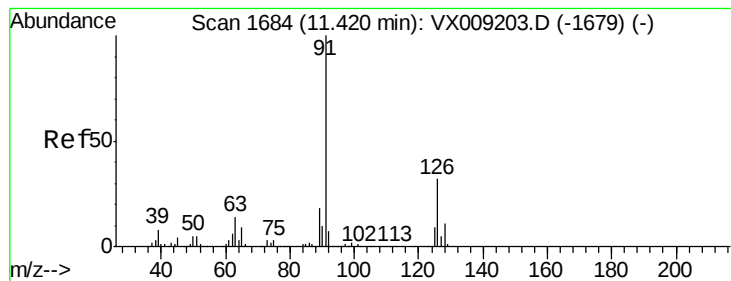
#78
n-propylbenzene
Concen: 51.184 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX009742.D
Acq: 21 May 2019 12:12

Tgt Ion: 91 Resp: 536092
Ion Ratio Lower Upper
91 100
120 21.9 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.602 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009742.D

Acq: 21 May 2019 12:12

Instrument :

MSVOA_X

ClientSampleId :

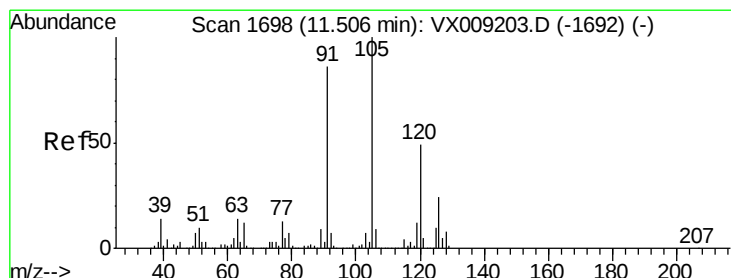
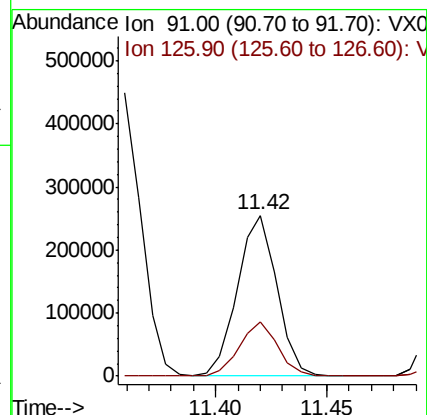
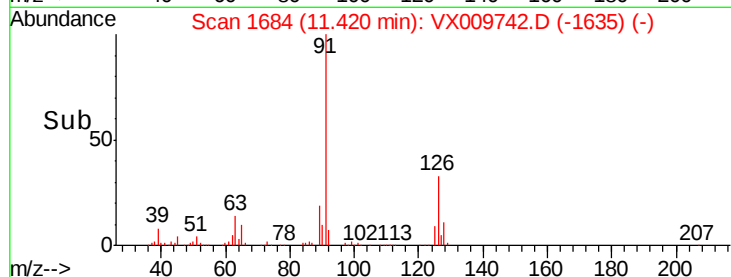
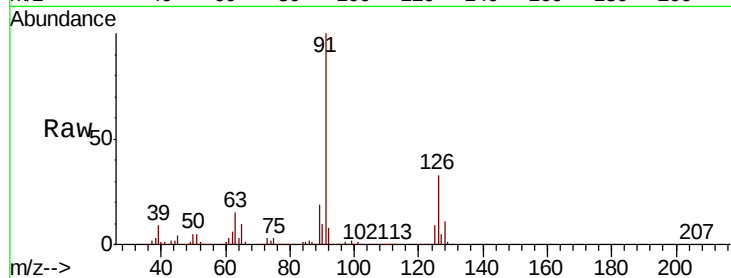
VSTDCCC050

Tot Ion: 91 Resp: 314058

Ion Ratio Lower Upper

91 100

126 32.6 16.3 48.9



#80

1,3,5-Trimethylbenzene

Concen: 50.223 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009742.D

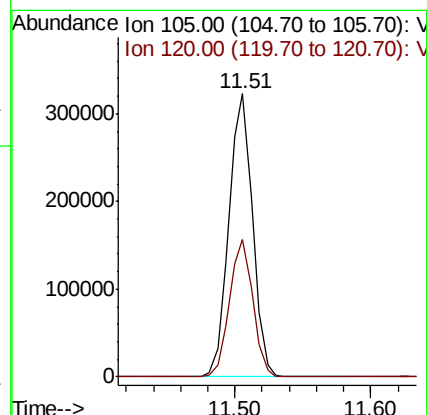
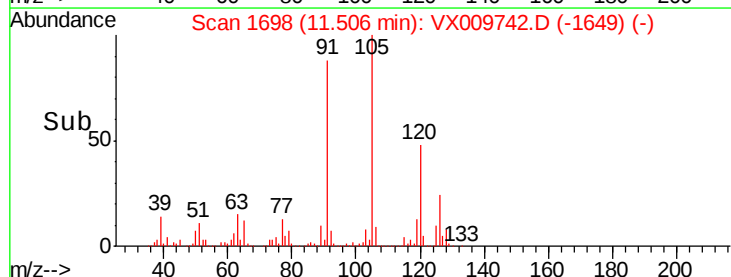
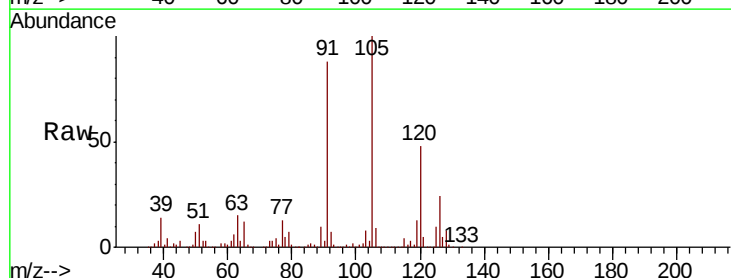
Acq: 21 May 2019 12:12

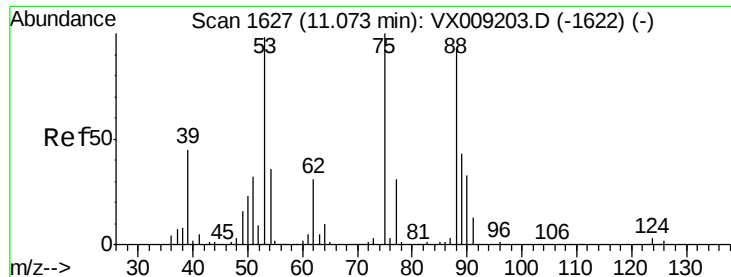
Tgt Ion: 105 Resp: 387826

Ion Ratio Lower Upper

105 100

120 48.2 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 49.223 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009742.D

Acq: 21 May 2019 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

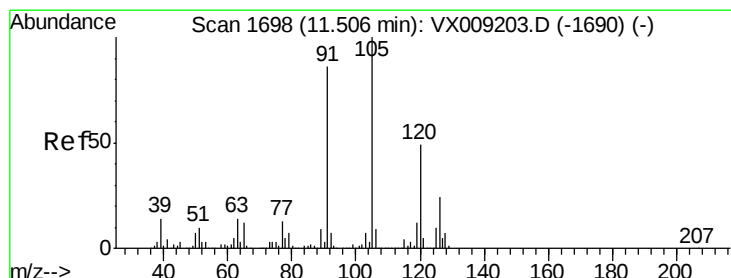
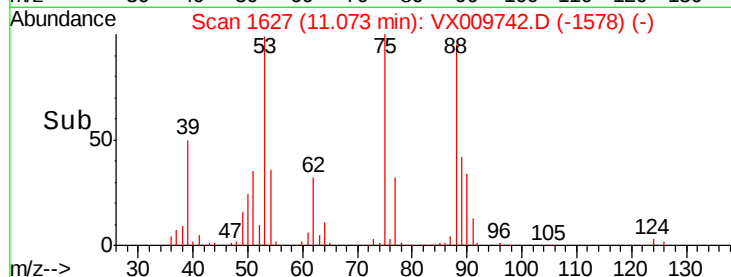
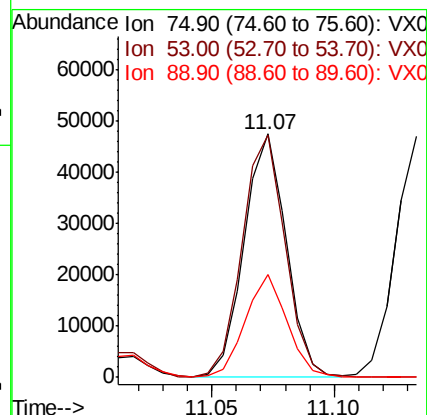
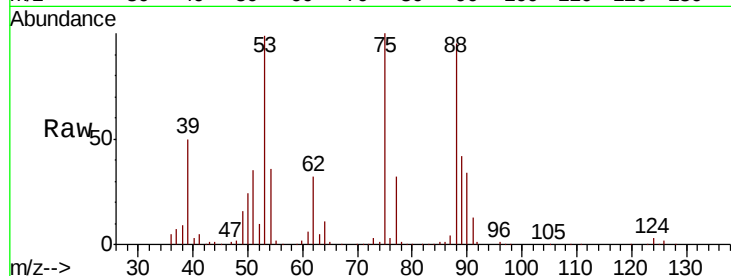
Tot Ion: 75 Resp: 56279

Ion Ratio Lower Upper

75 100

53 102.0 79.0 118.6

89 42.5 34.7 52.1



#82

4-Chlorotoluene

Concen: 50.003 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009742.D

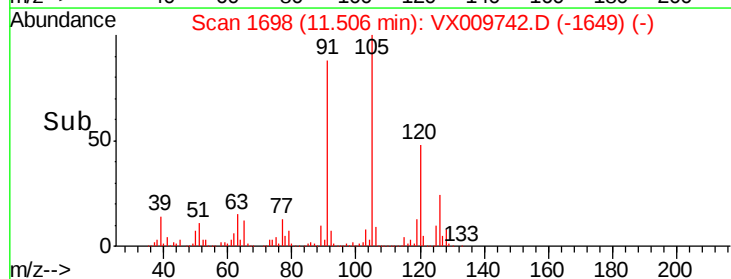
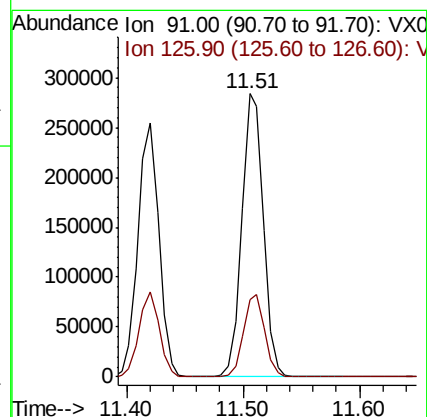
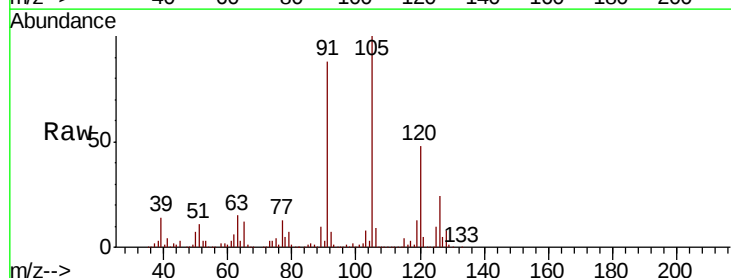
Acq: 21 May 2019 12:12

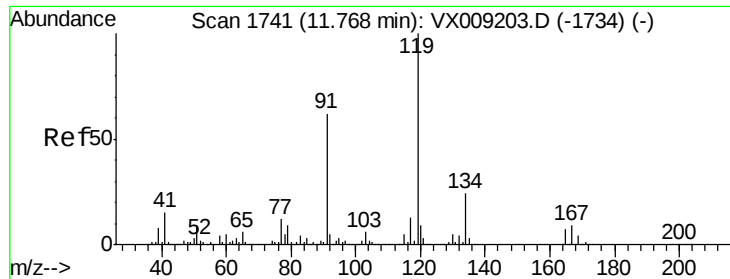
Tgt Ion: 91 Resp: 365020

Ion Ratio Lower Upper

91 100

126 29.0 14.5 43.6

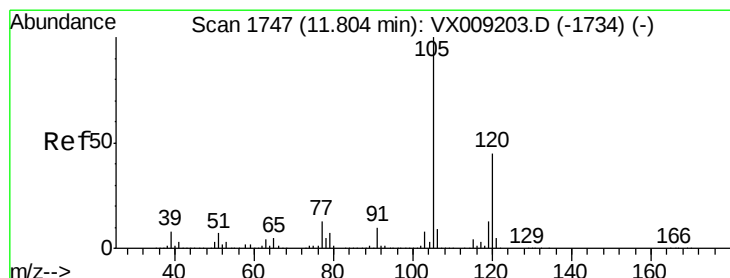
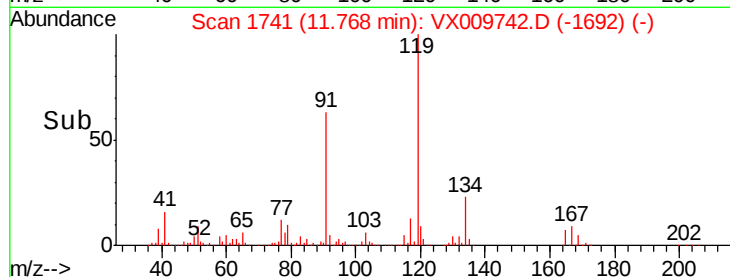
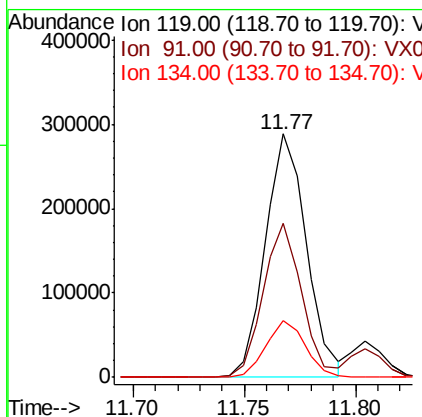
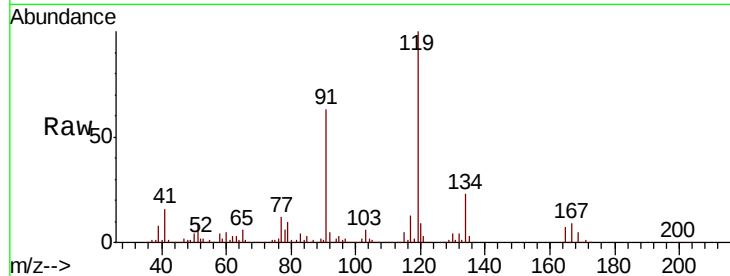




#83
tert-Butylbenzene
Concen: 49.211 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX009742.D
Acq: 21 May 2019 12:12

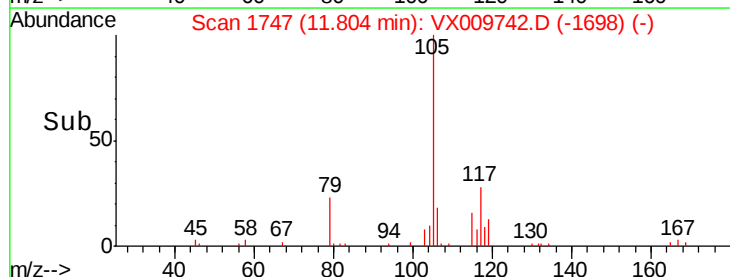
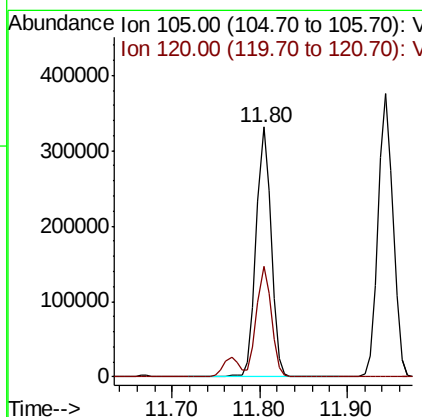
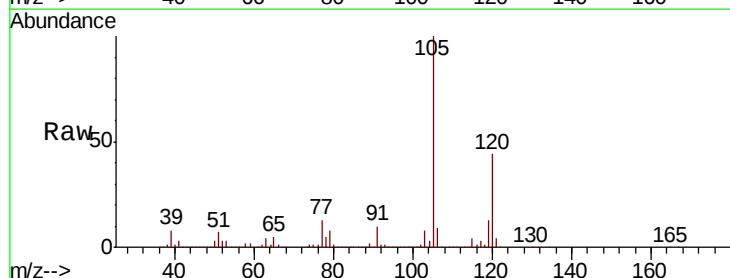
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

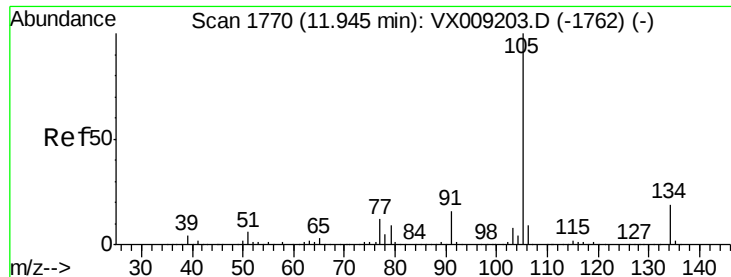
Tot Ion:119 Resp: 369671
Ion Ratio Lower Upper
119 100
91 59.7 29.5 88.5
134 22.3 11.4 34.1



#84
1,2,4-Trimethylbenzene
Concen: 50.278 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX009742.D
Acq: 21 May 2019 12:12

Tgt Ion:105 Resp: 389699
Ion Ratio Lower Upper
105 100
120 44.4 22.0 66.0





#85

sec-Butylbenzene

Concen: 50.476 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009742.D

Acq: 21 May 2019 12:12

Instrument :

MSVOA_X

ClientSampleId :

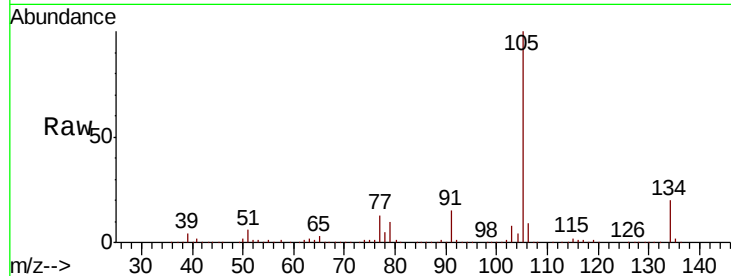
VSTDCCC050

Tot Ion:105 Resp: 449537

Ion Ratio Lower Upper

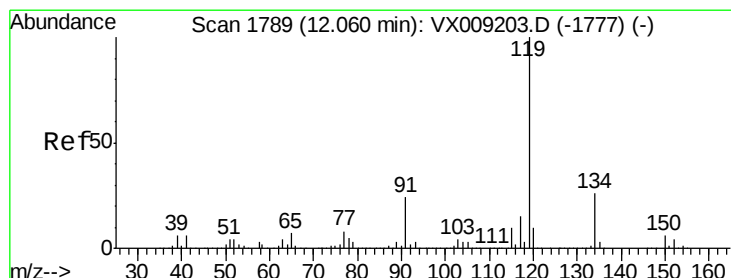
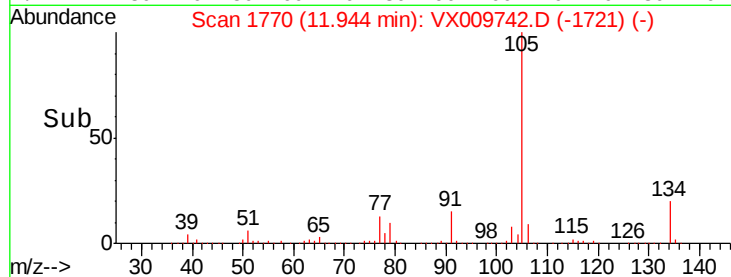
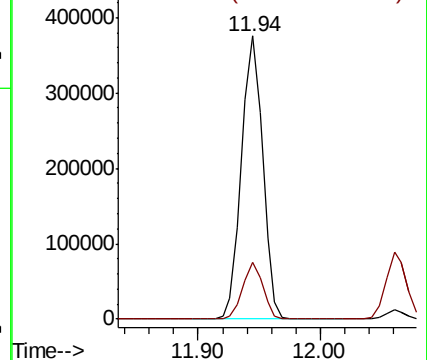
105 100

134 19.2 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.518 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009742.D

Acq: 21 May 2019 12:12

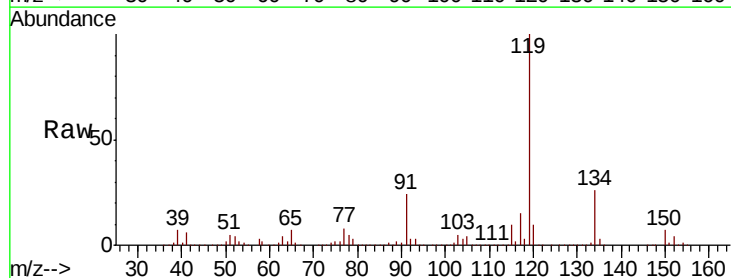
Tgt Ion:119 Resp: 412478

Ion Ratio Lower Upper

119 100

134 25.7 12.9 38.7

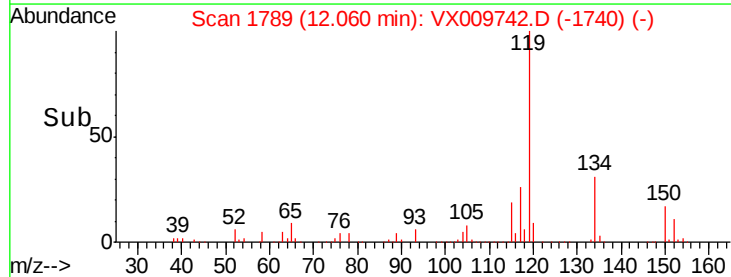
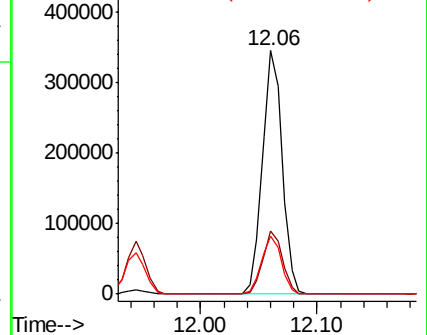
91 23.9 11.8 35.4

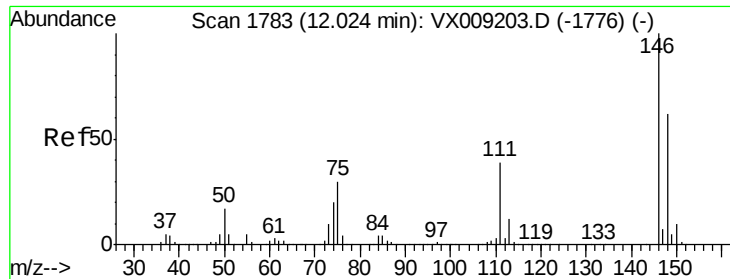


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

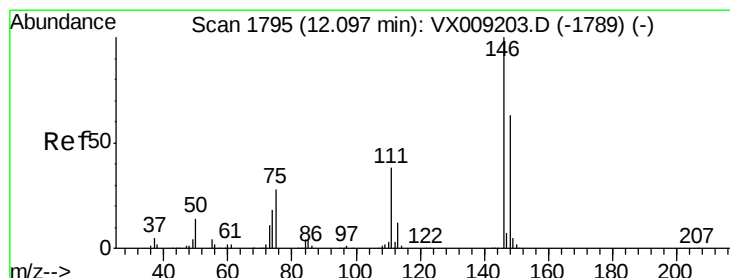
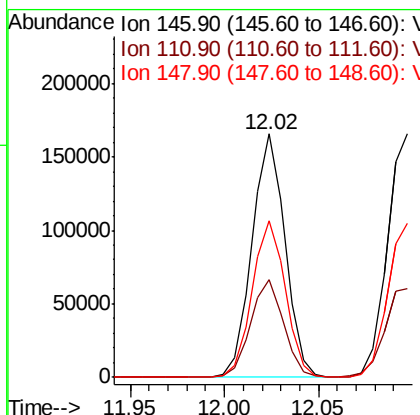
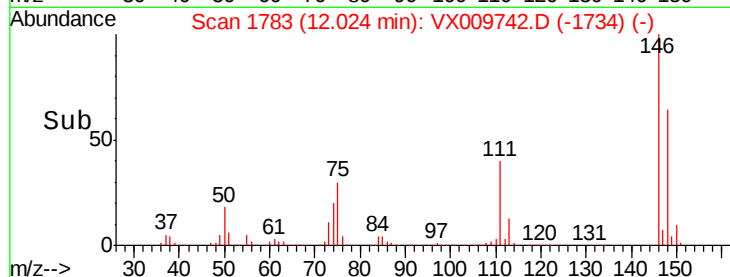
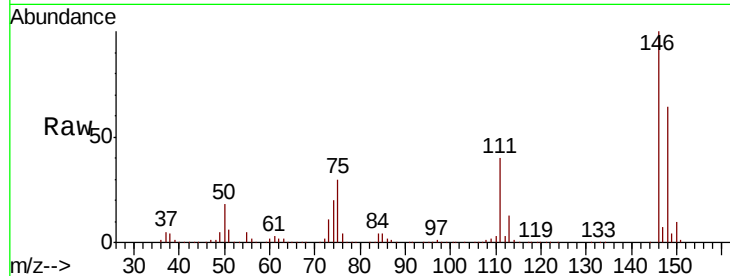




#87
 1,3-Dichlorobenzene
 Concen: 49.523 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009742.D
 Acq: 21 May 2019 12:12

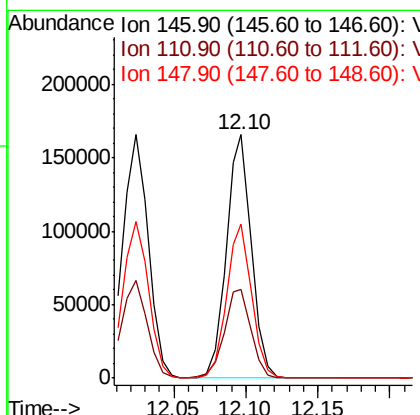
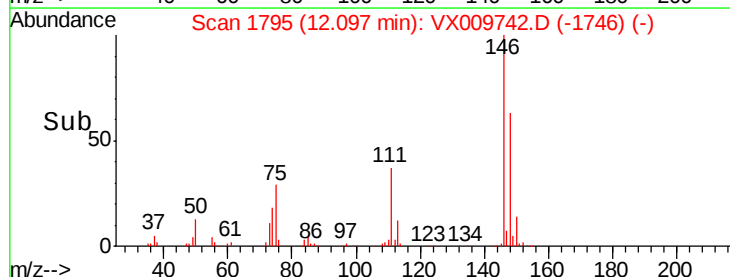
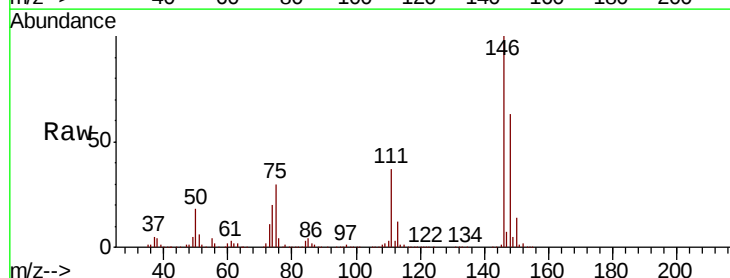
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

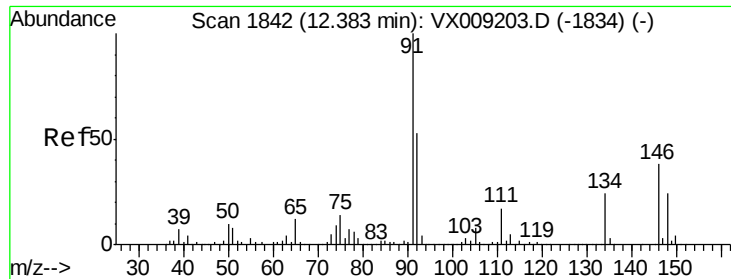
Tot Ion:146 Resp: 200960
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.0 59.9
 148 64.6 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 49.284 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009742.D
 Acq: 21 May 2019 12:12

Tgt Ion:146 Resp: 201624
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.6 58.8
 148 63.4 31.8 95.3

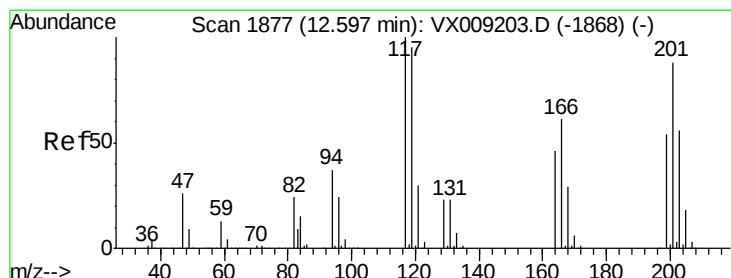
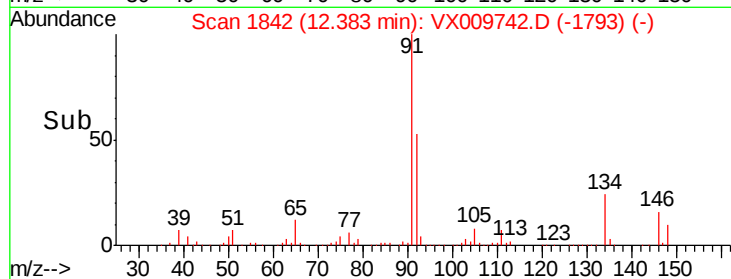
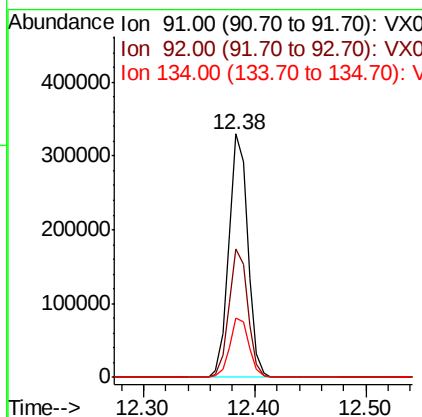
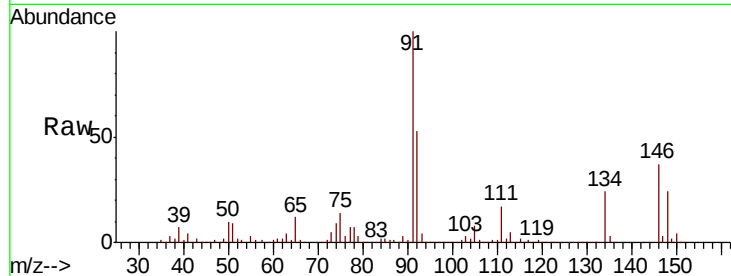




#89
n-Butylbenzene
Concen: 53.460 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX009742.D
Acq: 21 May 2019 12:12

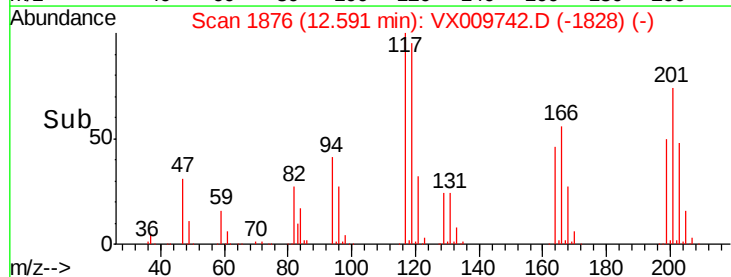
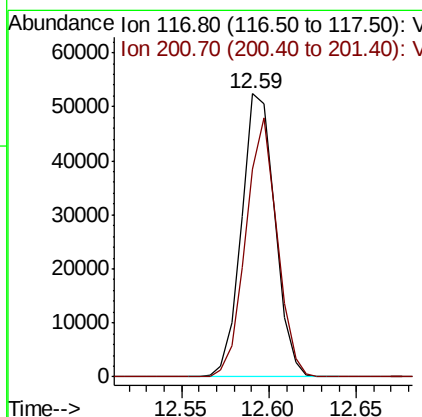
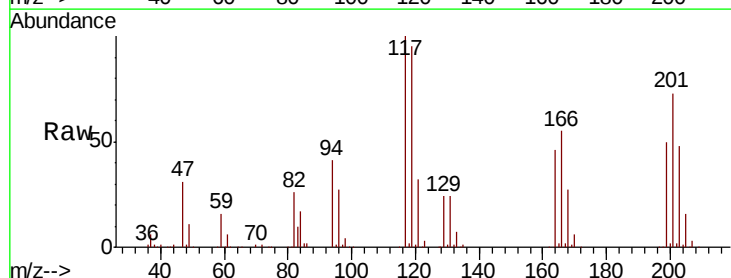
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

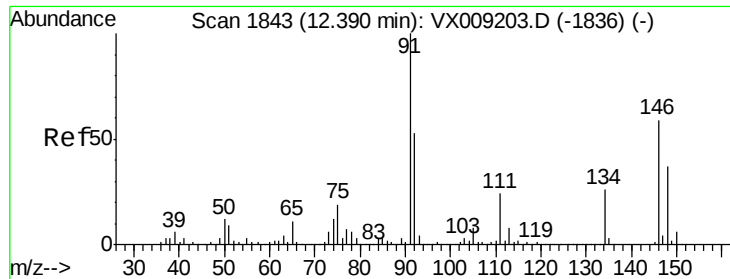
Tot Ion: 91 Resp: 386864
Ion Ratio Lower Upper
91 100
92 52.5 26.5 79.5
134 24.7 12.4 37.2



#90
Hexachloroethane
Concen: 50.940 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX009742.D
Acq: 21 May 2019 12:12

Tgt Ion: 117 Resp: 69484
Ion Ratio Lower Upper
117 100
201 85.7 42.3 126.9

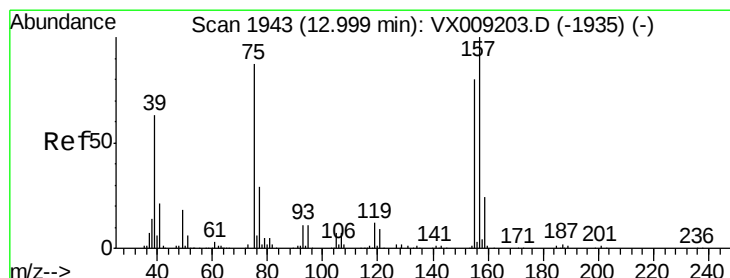
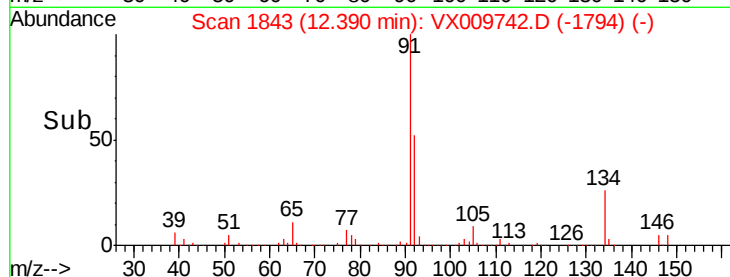
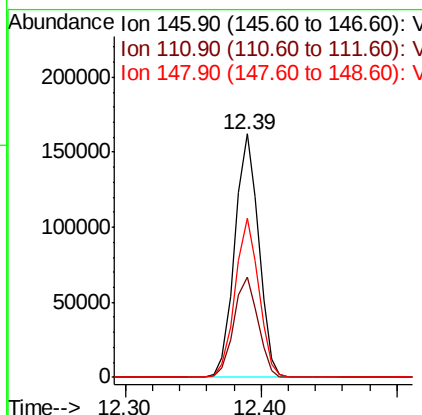
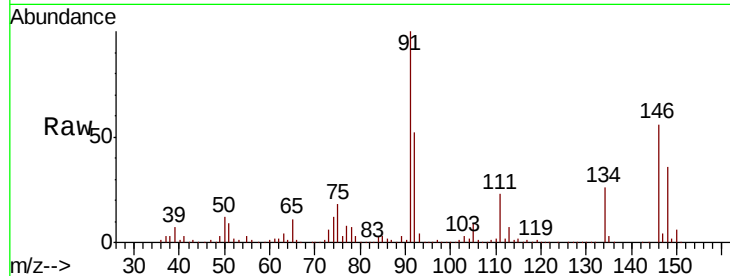




#91
 1,2-Dichlorobenzene
 Concen: 48.025 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009742.D
 Acq: 21 May 2019 12:12

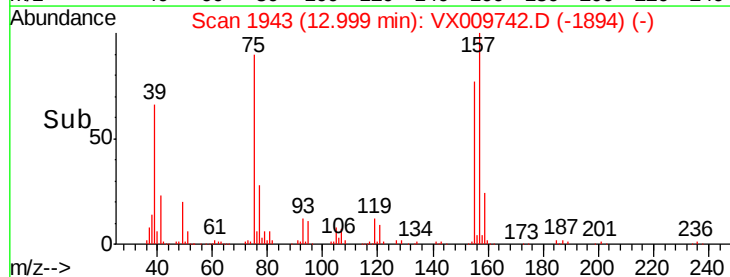
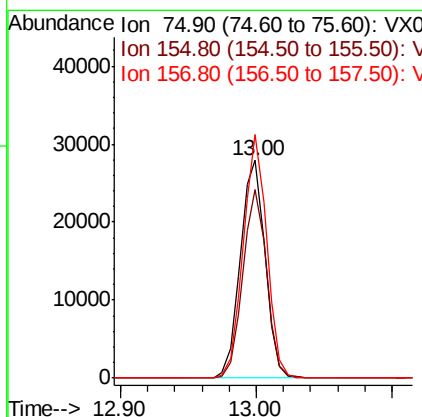
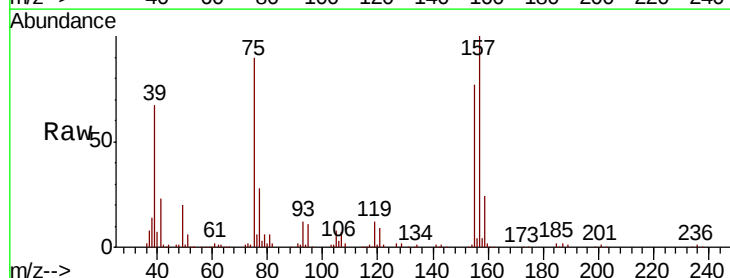
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

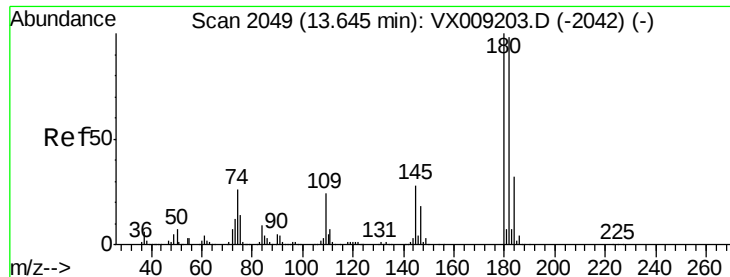
Tot Ion:146 Resp: 198495
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.8 62.4
 148 64.6 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.207 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009742.D
 Acq: 21 May 2019 12:12

Tgt Ion: 75 Resp: 35438
 Ion Ratio Lower Upper
 75 100
 155 82.6 42.0 126.0
 157 106.2 53.2 159.6

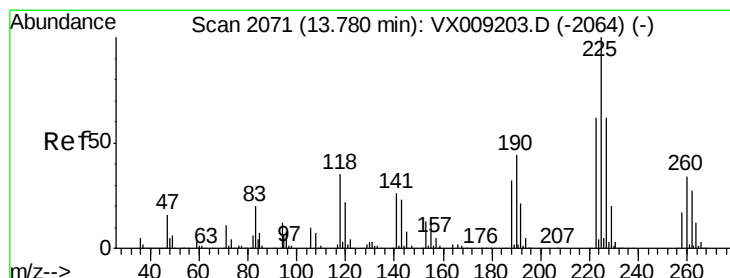
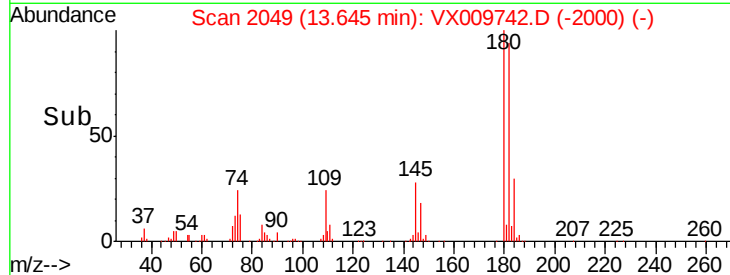
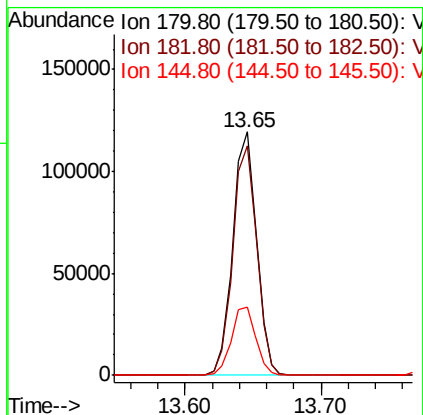
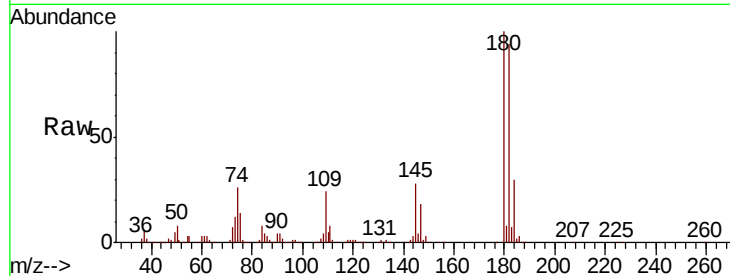




#93
 1,2,4-Trichlorobenzene
 Concen: 51.497 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009742.D
 Acq: 21 May 2019 12:12

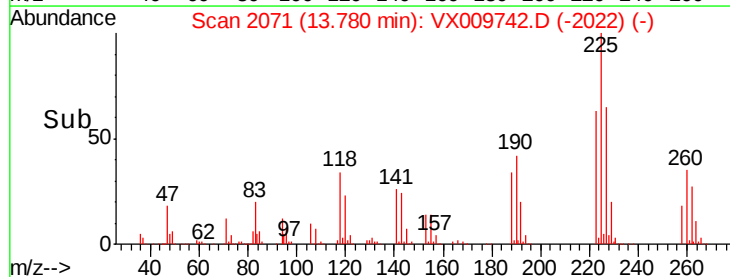
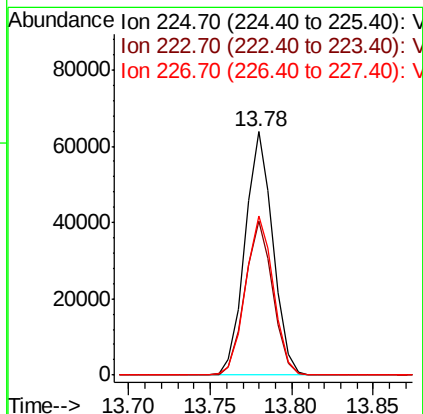
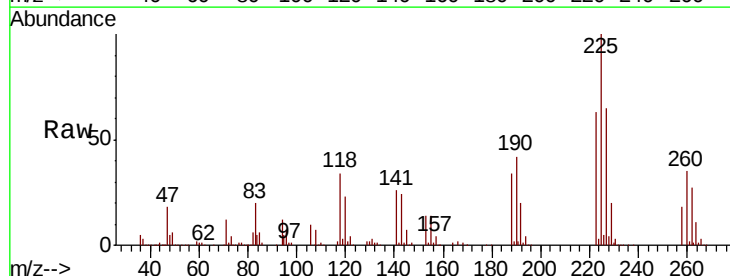
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

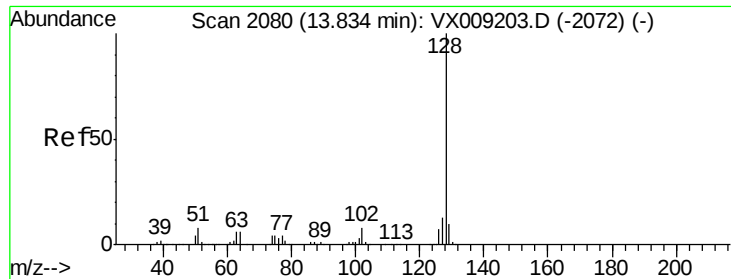
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	48.4	145.2
145	28.6	14.6	43.8



#94
 Hexachlorobutadiene
 Concen: 52.729 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009742.D
 Acq: 21 May 2019 12:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.3	93.8
227	65.1	31.8	95.3

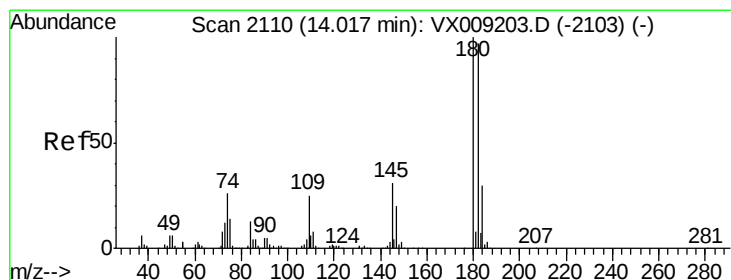
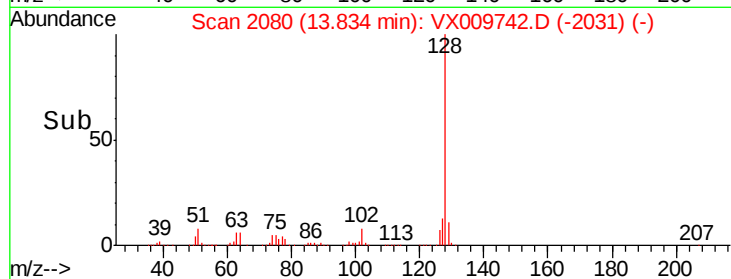
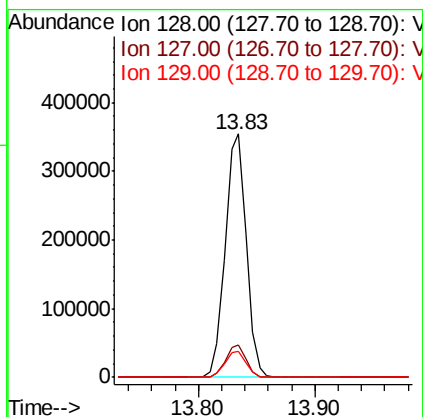
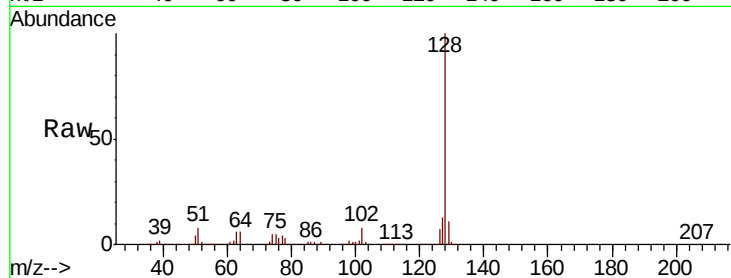




#95
Naphthalene
Concen: 47.970 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009742.D
Acq: 21 May 2019 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.8	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 49.659 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX009742.D
Acq: 21 May 2019 12:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.8	143.4
145	30.2	15.4	46.4

