

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX053119\
 Data File : VX009997.D
 Acq On : 31 May 2019 19:54
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 01 04:46:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	162001	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	260556	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	237153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	114348	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	110590	48.33	ug/l	0.00
Spiked Amount			Recovery	=	96.66%	
35) Dibromofluoromethane	5.50	113	80786	49.32	ug/l	0.00
Spiked Amount			Recovery	=	98.64%	
50) Toluene-d8	8.71	98	324904	48.84	ug/l	0.00
Spiked Amount			Recovery	=	97.68%	
62) 4-Bromofluorobenzene	11.13	95	118588	49.63	ug/l	0.00
Spiked Amount			Recovery	=	99.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	107712	54.410	ug/l	99
3) Chloromethane	1.32	50	121430	45.628	ug/l	98
4) Vinyl Chloride	1.41	62	118351	49.331	ug/l	100
5) Bromomethane	1.64	94	58665	40.359	ug/l	97
6) Chloroethane	1.71	64	70043	47.427	ug/l	98
7) Trichlorofluoromethane	1.93	101	130294	49.146	ug/l	99
8) Diethyl Ether	2.19	74	57377	46.055	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	78262	48.895	ug/l	99
10) Methyl Iodide	2.51	142	71075	37.177	ug/l	100
11) Tert butyl alcohol	3.05	59	144835	257.176	ug/l	99
12) 1,1-Dichloroethene	2.37	96	80031	48.781	ug/l	98
13) Acrolein	2.29	56	96264	241.892	ug/l	99
14) Allyl chloride	2.73	41	199620	50.061	ug/l	100
15) Acrylonitrile	3.14	53	336119	247.701	ug/l	99
16) Acetone	2.45	43	304630	230.399	ug/l	99
17) Carbon Disulfide	2.57	76	238907	48.106	ug/l	99
18) Methyl Acetate	2.78	43	156323	50.811	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	315290	50.902	ug/l	100
20) Methylene Chloride	2.85	84	96989	47.901	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	86610	47.445	ug/l	95
22) Diisopropyl ether	3.85	45	387476	51.070	ug/l	96
23) Vinyl Acetate	3.82	43	1733099	254.274	ug/l	99
24) 1,1-Dichloroethane	3.70	63	185024	50.321	ug/l	100
25) 2-Butanone	4.67	43	519077	251.985	ug/l	99
26) 2,2-Dichloropropane	4.58	77	127075	45.688	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	101484	48.160	ug/l	98
28) Bromochloromethane	5.01	49	90306	47.330	ug/l	100
29) Tetrahydrofuran	5.13	42	336481	254.724	ug/l	99
30) Chloroform	5.21	83	167470	50.504	ug/l	99
31) Cyclohexane	5.58	56	180575	51.853	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	140684	52.095	ug/l	99
36) 1,1-Dichloropropene	5.80	75	129329	48.921	ug/l	100
37) Ethyl Acetate	4.84	43	190784	51.793	ug/l	99
38) Carbon Tetrachloride	5.79	117	116789	51.123	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	157787	50.317	ug/l	99
40) Benzene	6.14	78	395617	50.447	ug/l	99
41) Methacrylonitrile	5.04	41	109451	50.850	ug/l	99
42) 1,2-Dichloroethane	6.20	62	145085	50.042	ug/l	100
43) Isopropyl Acetate	6.45	43	302650	50.920	ug/l	99
44) Trichloroethene	7.21	130	92081	48.339	ug/l	99
45) 1,2-Dichloropropane	7.51	63	111418	49.354	ug/l	96
46) Dibromomethane	7.66	93	63057	47.453	ug/l	98
47) Bromodichloromethane	7.90	83	129058	51.073	ug/l	99
48) Methyl methacrylate	7.77	41	151025	51.329	ug/l	99
49) 1,4-Dioxane	7.74	88	51102	933.717	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	979661	253.378	ug/l	100
52) Toluene	8.79	92	238397	50.067	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	153350	50.601	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	165074	49.993	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	96155	50.173	ug/l	98
56) Ethyl methacrylate	9.18	69	179231	52.531	ug/l	99
57) 1,3-Dichloropropane	9.37	76	170174	49.444	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	453229	253.327	ug/l	100
59) 2-Hexanone	9.49	43	751311	252.392	ug/l	100
60) Dibromochloromethane	9.58	129	99415	52.734	ug/l	100
61) 1,2-Dibromoethane	9.67	107	98700	50.130	ug/l	100
64) Tetrachloroethene	9.34	164	83068	50.146	ug/l	99
65) Chlorobenzene	10.13	112	247887	49.929	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	90617	52.623	ug/l	100
67) Ethyl Benzene	10.25	91	458308	51.412	ug/l	98
68) m/p-Xylenes	10.36	106	334530	101.579	ug/l	99
69) o-Xylene	10.69	106	163051	51.624	ug/l	100
70) Styrene	10.71	104	286316	51.697	ug/l	100
71) Bromoform	10.85	173	76562	54.393	ug/l #	99
73) Isopropylbenzene	11.02	105	436756	51.768	ug/l	100
74) N-amyl acetate	10.90	43	265632	52.689	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	161714	51.378	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	191170	69.912	ug/l	82
77) Bromobenzene	11.26	156	107611	50.050	ug/l	98
78) n-propylbenzene	11.36	91	505352	51.965	ug/l	99
79) 2-Chlorotoluene	11.42	91	304546	51.257	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	372951	52.471	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	56540	51.159	ug/l	99
82) 4-Chlorotoluene	11.51	91	348820	50.432	ug/l	100
83) tert-Butylbenzene	11.77	119	357514	52.575	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	370318	51.303	ug/l	100
85) sec-Butylbenzene	11.94	105	424909	52.524	ug/l	100
86) p-Isopropyltoluene	12.06	119	386044	53.053	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	189465	49.496	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	189407	48.518	ug/l	99
89) n-Butylbenzene	12.38	91	354148	51.788	ug/l	99
90) Hexachloroethane	12.60	117	67362	53.944	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	188382	49.916	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35584	48.029	ug/l	94

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QLast Update : Wed May 29 04:00:56 2019
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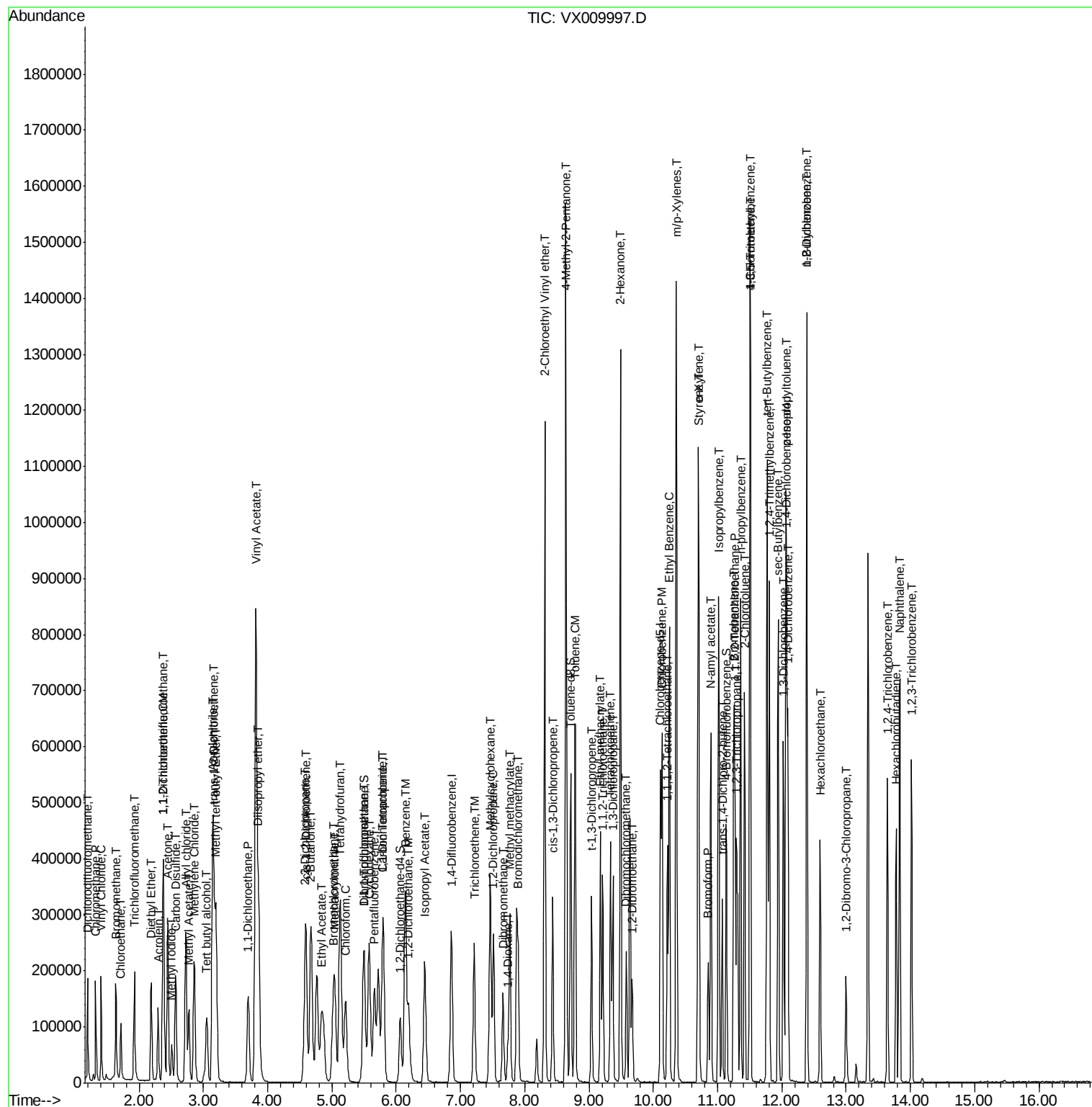
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	137152	50.854	ug/l	100
94) Hexachlorobutadiene	13.78	225	67856	50.162	ug/l	100
95) Naphthalene	13.83	128	438751	52.277	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	135509	50.195	ug/l	98

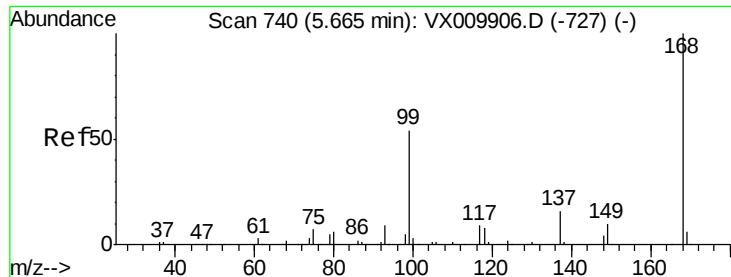
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009997.D

Acq: 31 May 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

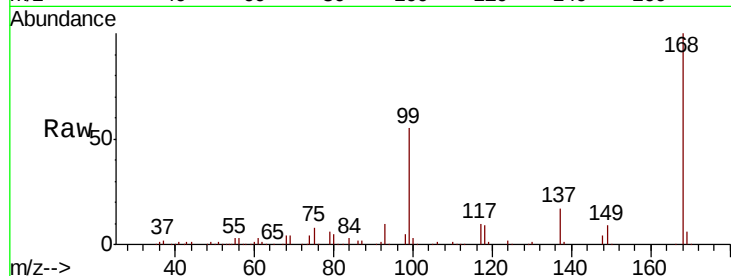
VSTDCCC050EC

Tot Ion:168 Resp: 162001

Ion Ratio Lower Upper

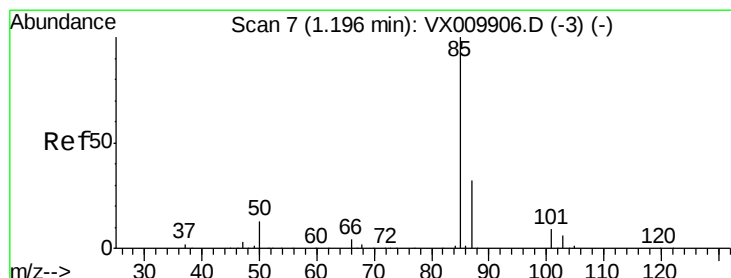
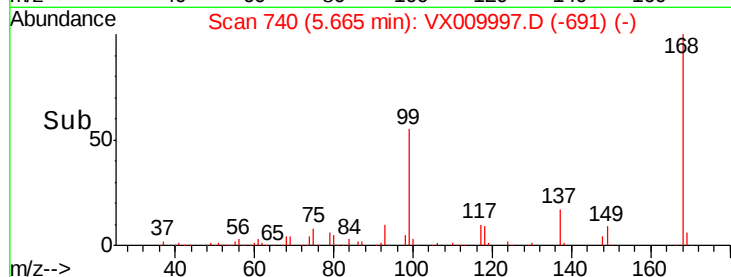
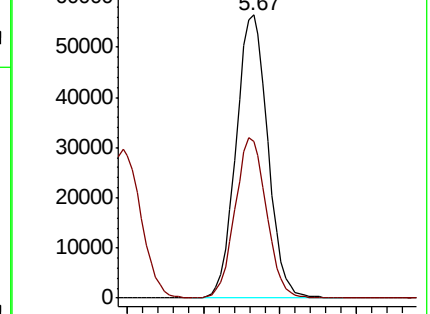
168 100

99 55.0 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 54.410 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009997.D

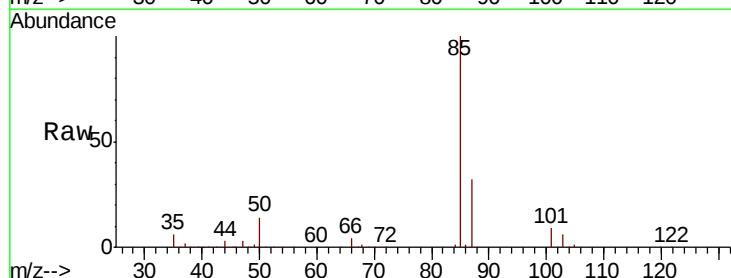
Acq: 31 May 2019 19:54

Tgt Ion: 85 Resp: 107712

Ion Ratio Lower Upper

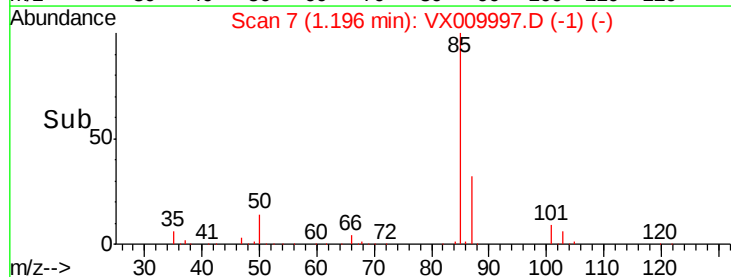
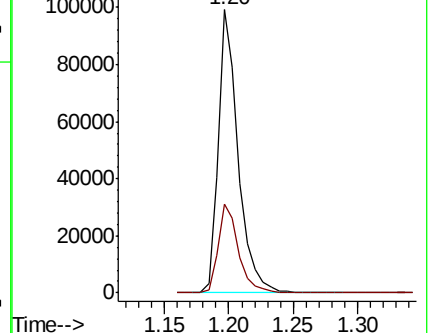
85 100

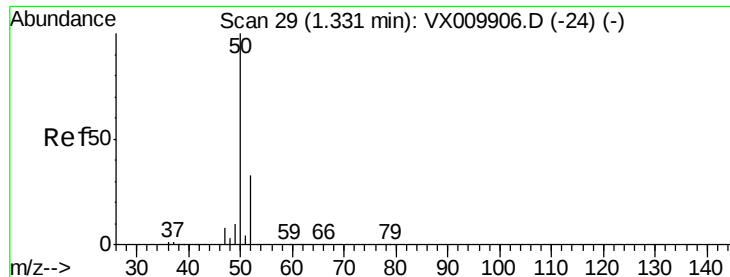
87 31.5 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 45.628 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX009997.D

Acq: 31 May 2019 19:54

Instrument :

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ClientSampleId :

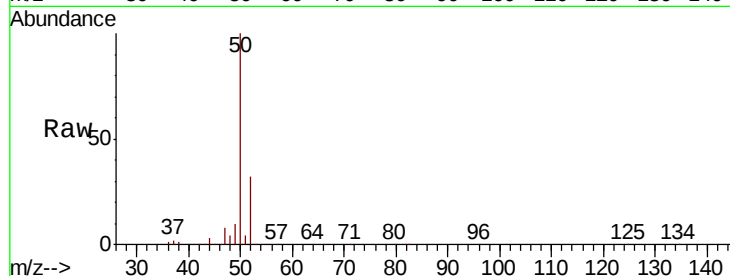
VSTDCCC050EC

Tot Ion: 50 Resp: 121430

Ion Ratio Lower Upper

50 100

52 31.6 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

120000

100000

80000

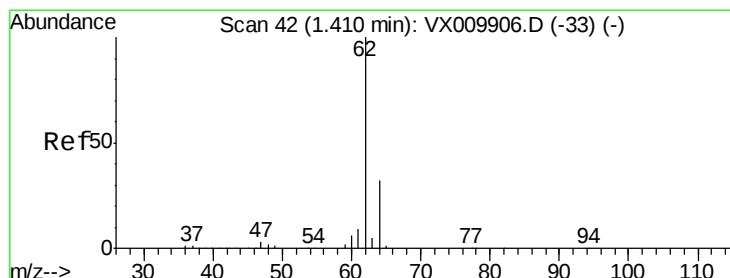
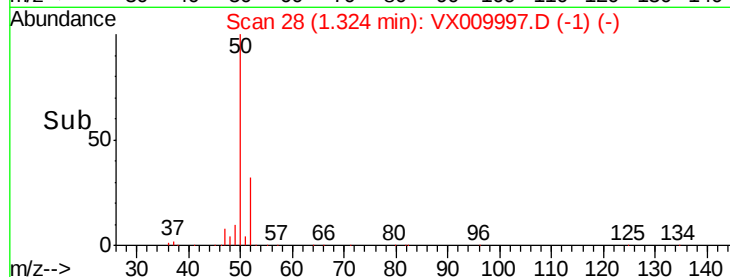
60000

40000

20000

0

Time--> 1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 49.331 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009997.D

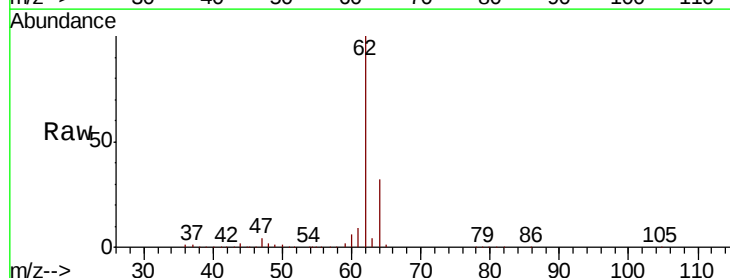
Acq: 31 May 2019 19:54

Tgt Ion: 62 Resp: 118351

Ion Ratio Lower Upper

62 100

64 31.9 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

120000

100000

80000

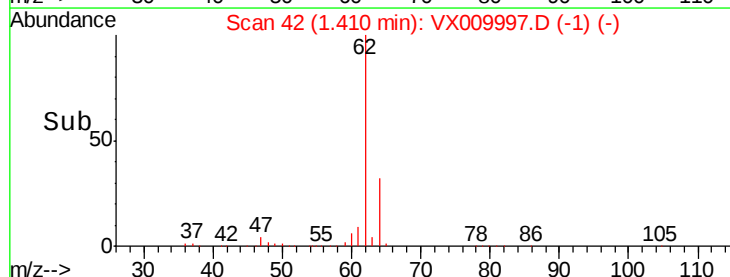
60000

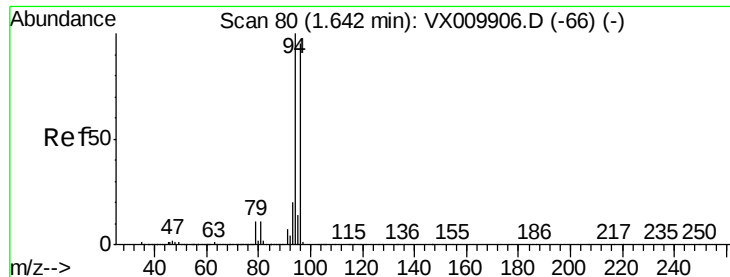
40000

20000

0

Time--> 1.35 1.40 1.45 1.50





#5

Bromomethane

Concen: 40.359 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX009997.D

Acq: 31 May 2019 19:54

Instrument :

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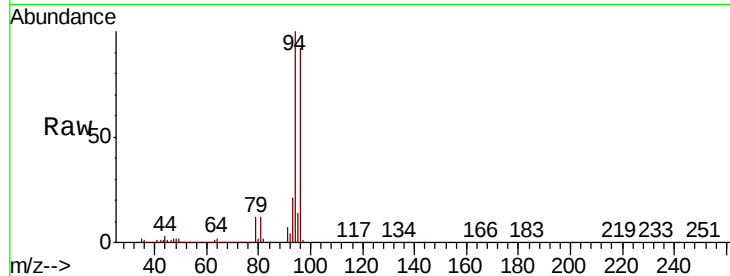
VSTDCCC050EC

Tot Ion: 94 Resp: 58665

Ion Ratio Lower Upper

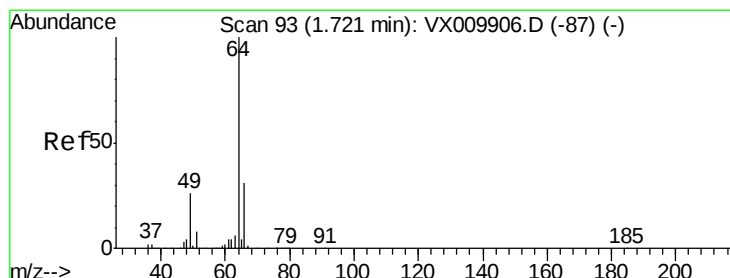
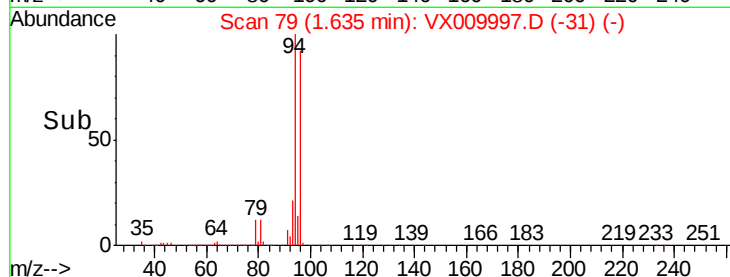
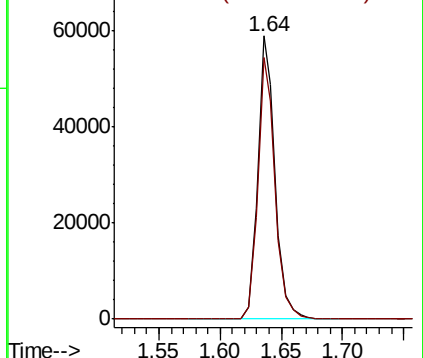
94 100

96 92.3 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.427 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX009997.D

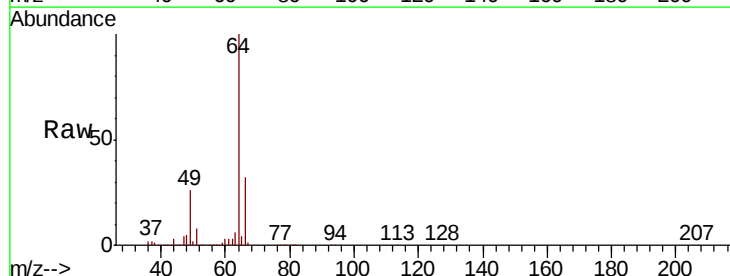
Acq: 31 May 2019 19:54

Tgt Ion: 64 Resp: 70043

Ion Ratio Lower Upper

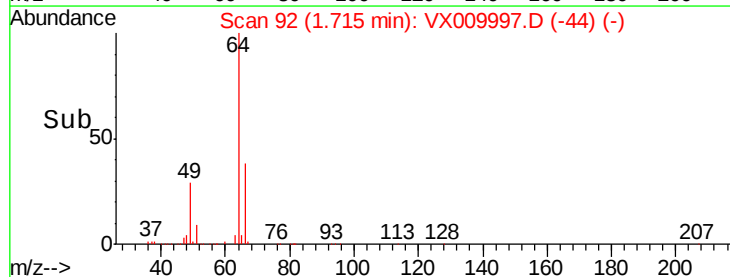
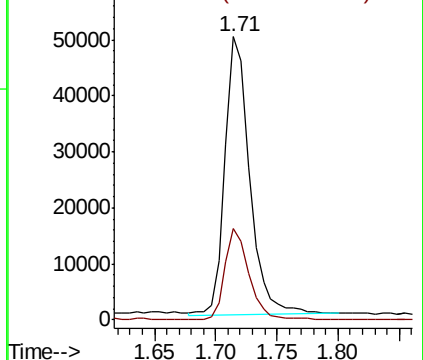
64 100

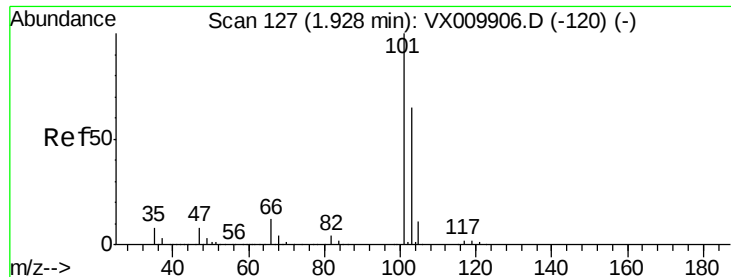
66 32.7 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



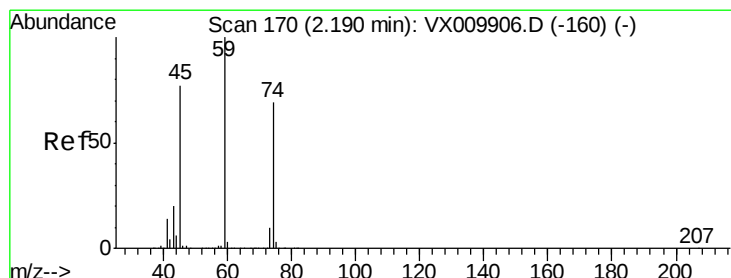
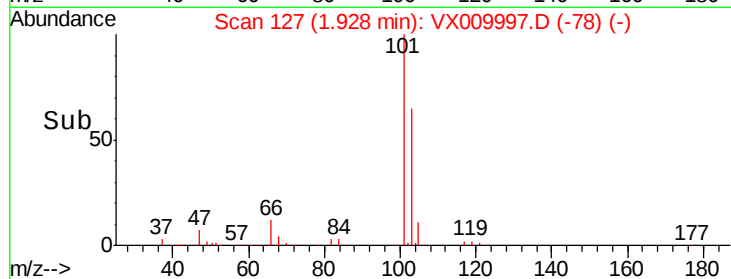
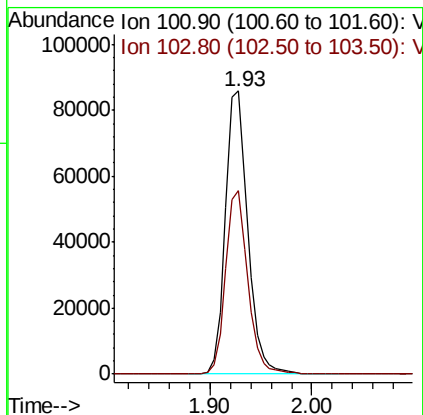
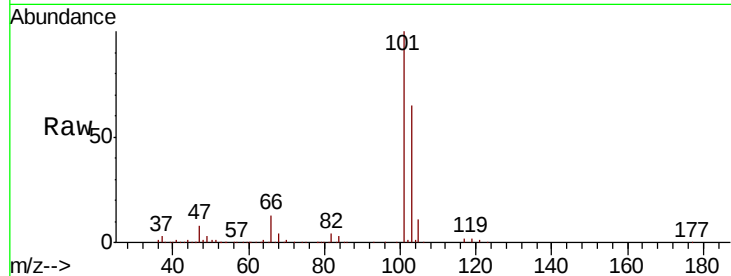


#7

Trichlorofluoromethane
 Concen: 49.146 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX009997.D
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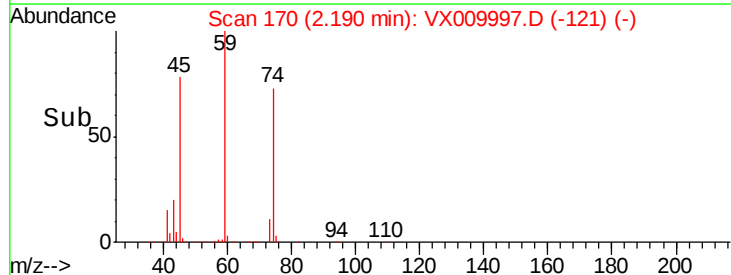
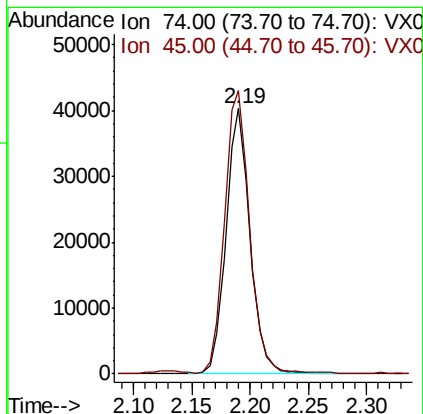
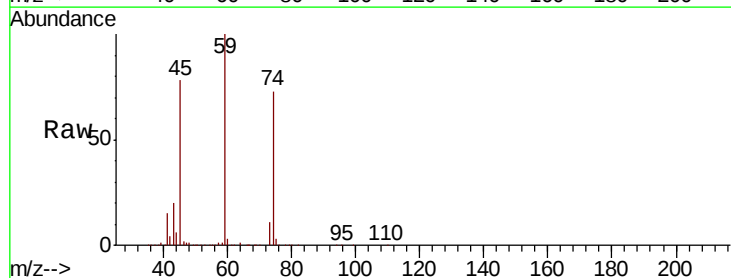
Tot Ion:101 Resp: 130294
 Ion Ratio Lower Upper
 101 100
 103 64.8 52.2 78.4

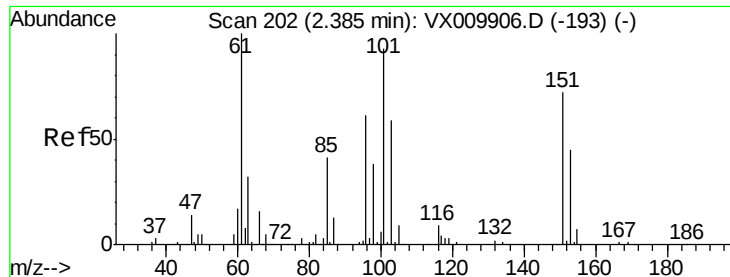


#8

Diethyl Ether
 Concen: 46.055 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX009997.D
 Acq: 31 May 2019 19:54

Tgt Ion: 74 Resp: 57377
 Ion Ratio Lower Upper
 74 100
 45 111.3 56.1 168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.895 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX009997.D

Acq: 31 May 2019 19:54

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VSTDCCC050EC

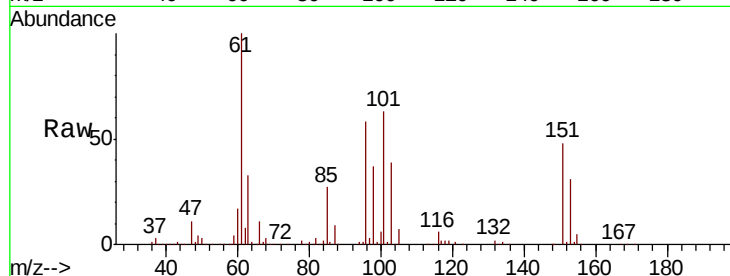
Tot Ion:101 Resp: 78262

Ion Ratio Lower Upper

101 100

85 44.6 35.2 52.8

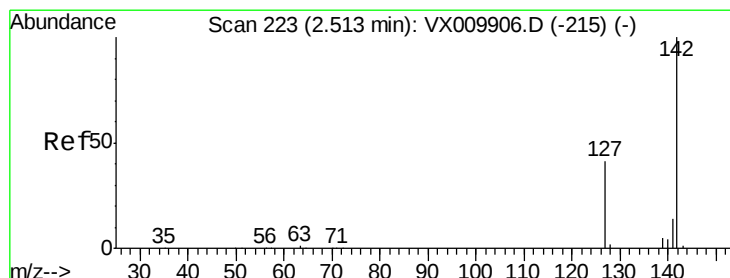
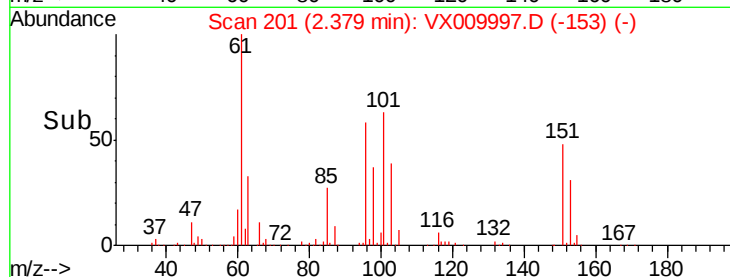
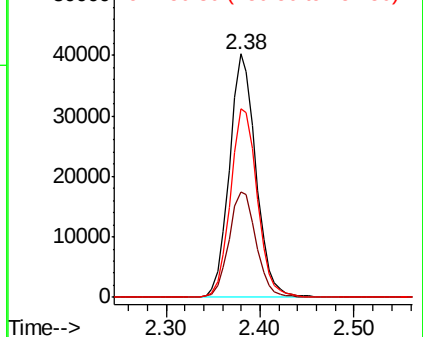
151 78.8 61.9 92.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 37.177 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.01 min

Lab File: VX009997.D

Acq: 31 May 2019 19:54

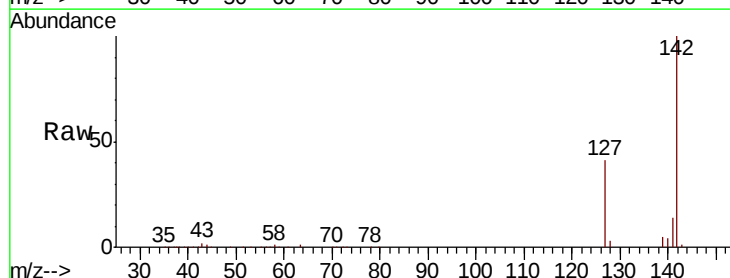
Tgt Ion:142 Resp: 71075

Ion Ratio Lower Upper

142 100

127 41.1 33.0 49.4

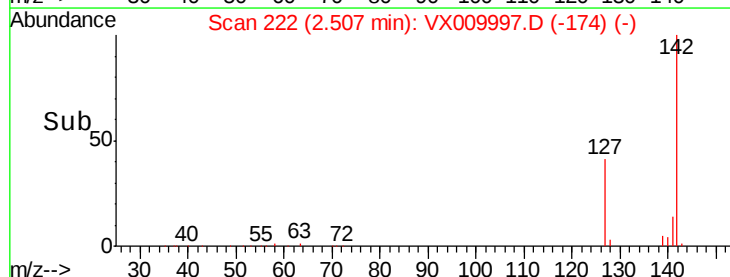
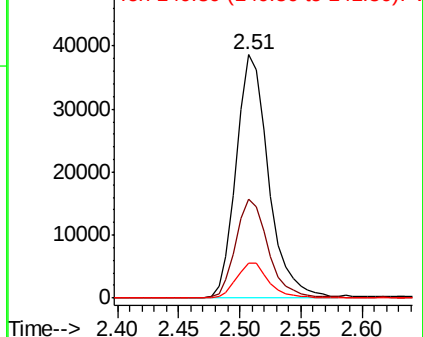
141 14.6 11.4 17.0

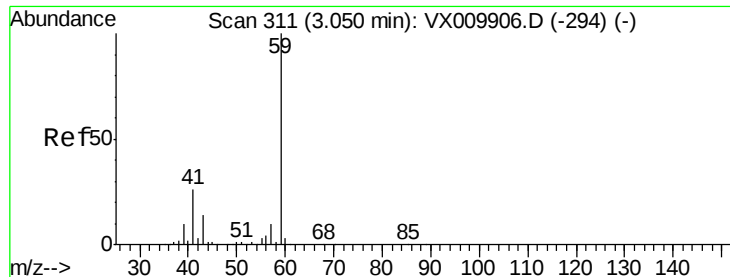


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



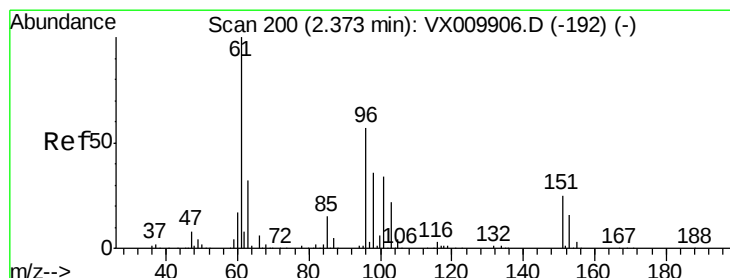
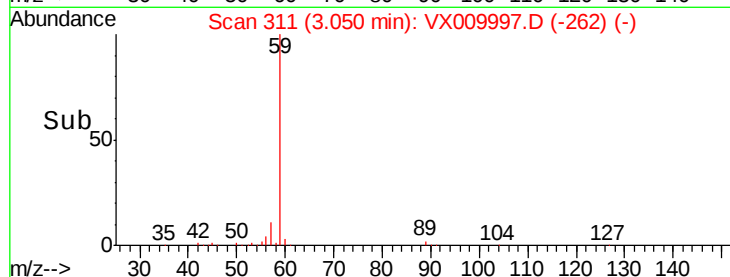
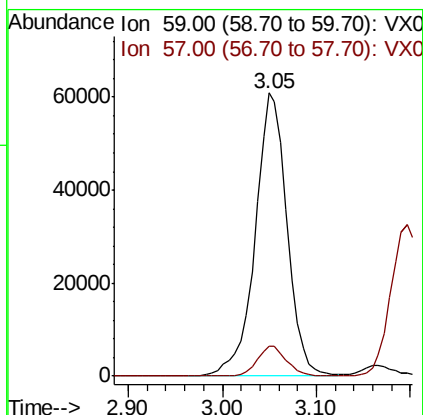
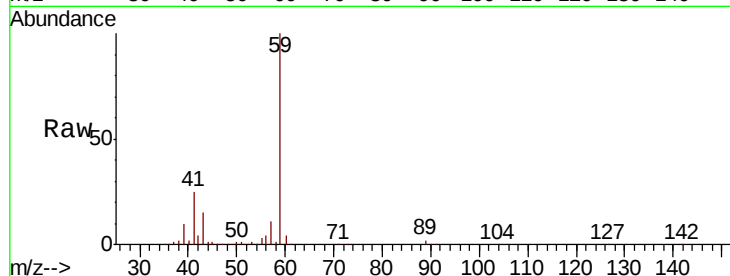


#11

Tert butyl alcohol
 Concen: 257.176 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. -0.00 min
 Lab File: VX009997.D
 Acq: 31 May 2019 19:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

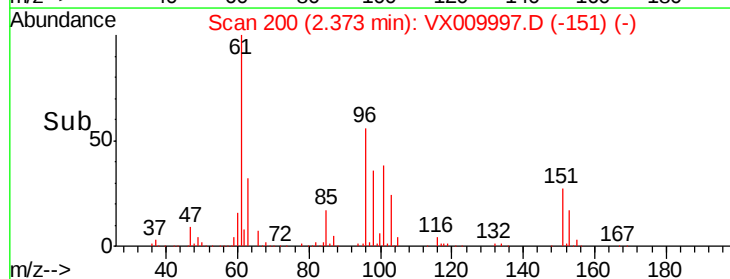
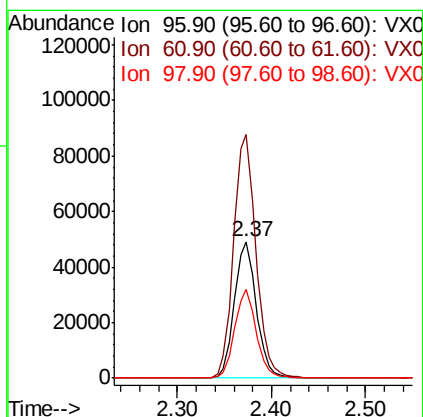
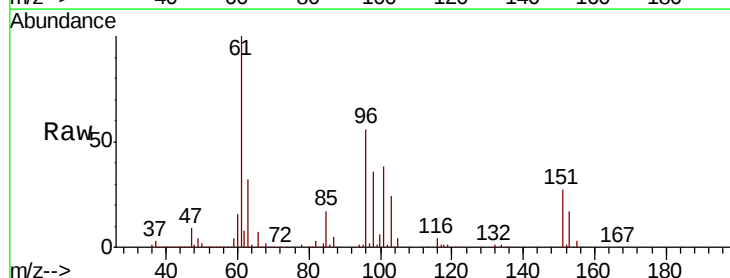
Tot Ion: 59 Resp: 144835
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.2 12.2

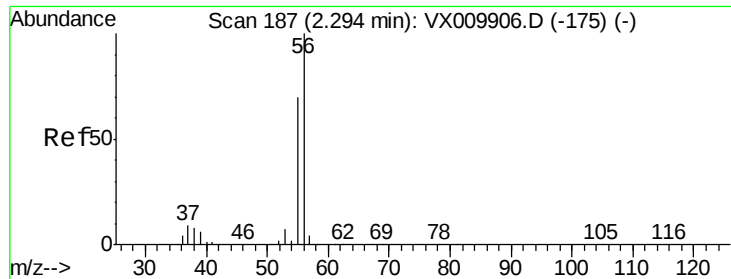


#12

1,1-Dichloroethene
 Concen: 48.781 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX009997.D
 Acq: 31 May 2019 19:54

Tgt Ion: 96 Resp: 80031
 Ion Ratio Lower Upper
 96 100
 61 178.2 140.7 211.1
 98 64.5 50.1 75.1





#13

Acrolein

Concen: 241.892 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009997.D

Acq: 31 May 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

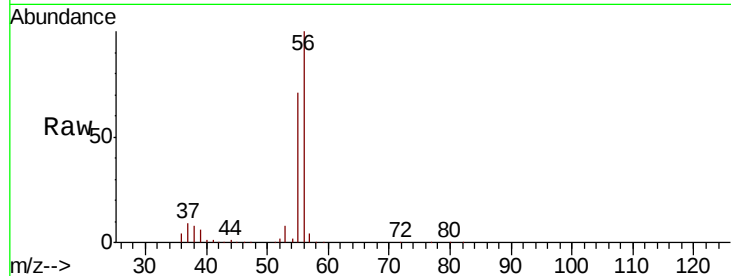
VSTDCCC050EC

Tot Ion: 56 Resp: 96264

Ion Ratio Lower Upper

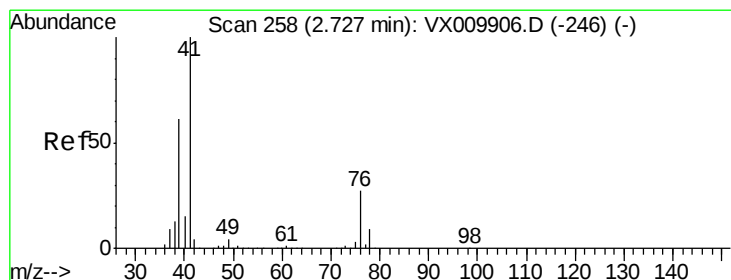
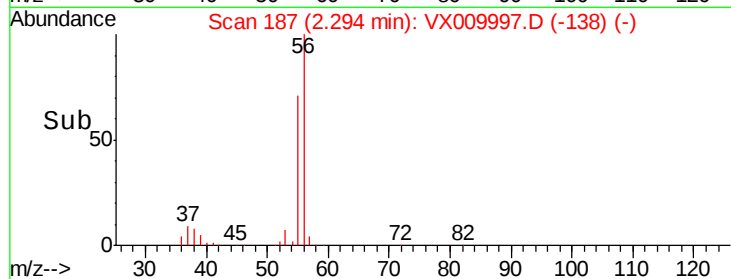
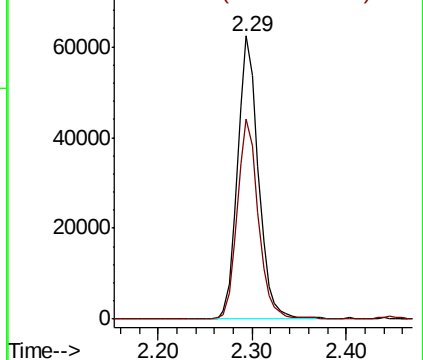
56 100

55 70.3 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 50.061 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009997.D

Acq: 31 May 2019 19:54

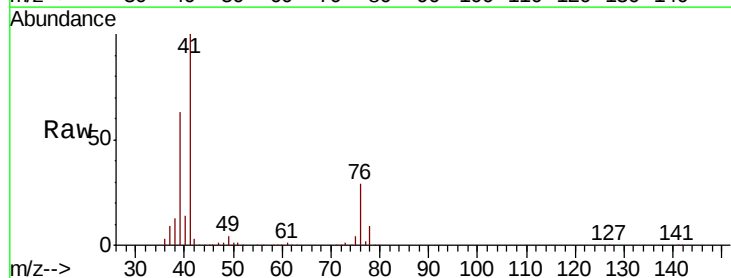
Tgt Ion: 41 Resp: 199620

Ion Ratio Lower Upper

41 100

39 58.5 46.7 70.1

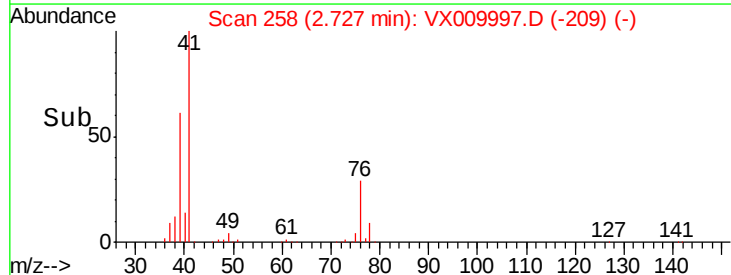
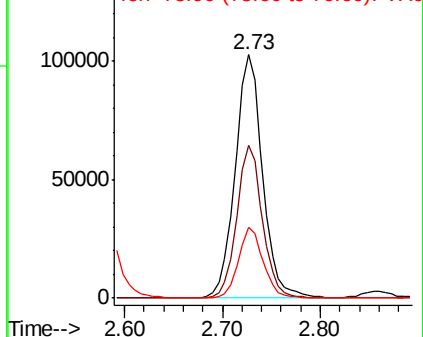
76 25.9 21.0 31.4

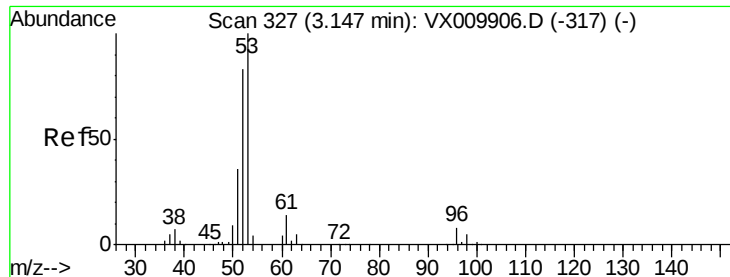


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 247.701 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX009997.D

Acq: 31 May 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

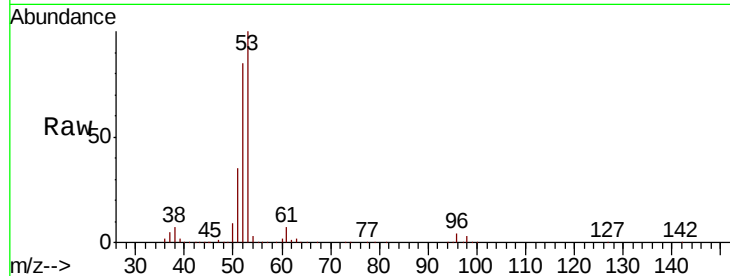
Tot Ion: 53 Resp: 336119

Ion Ratio Lower Upper

53 100

52 84.0 66.7 100.1

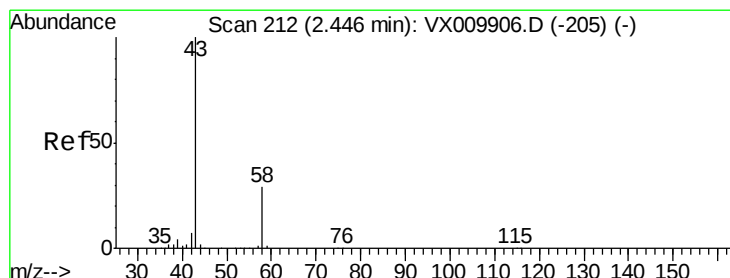
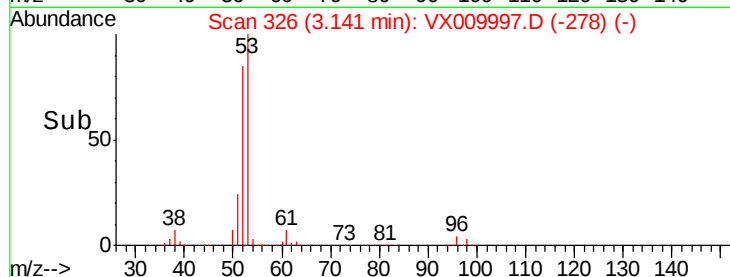
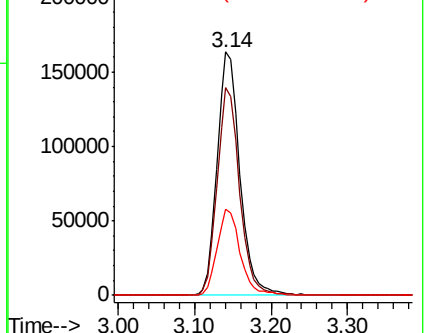
51 35.9 28.8 43.2



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: 230.399 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009997.D

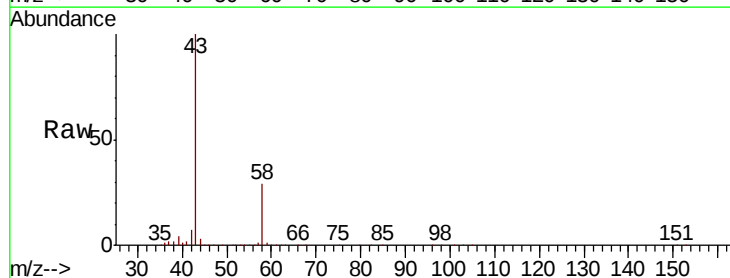
Acq: 31 May 2019 19:54

Tgt Ion: 43 Resp: 304630

Ion Ratio Lower Upper

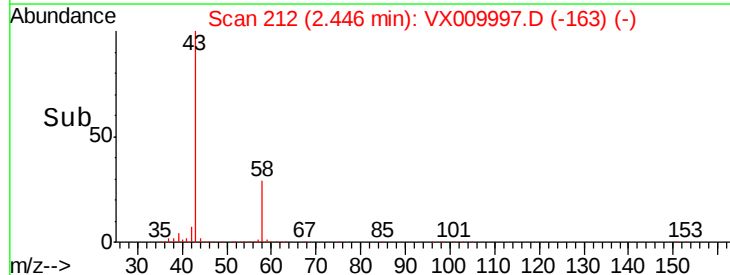
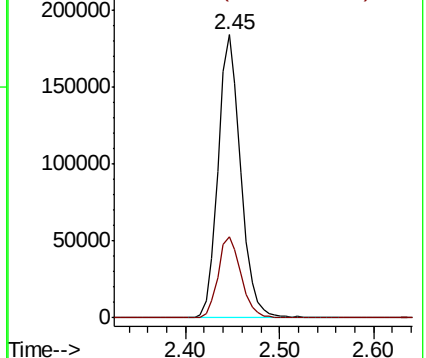
43 100

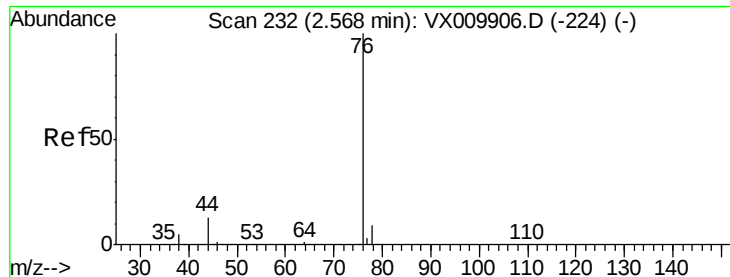
58 28.7 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

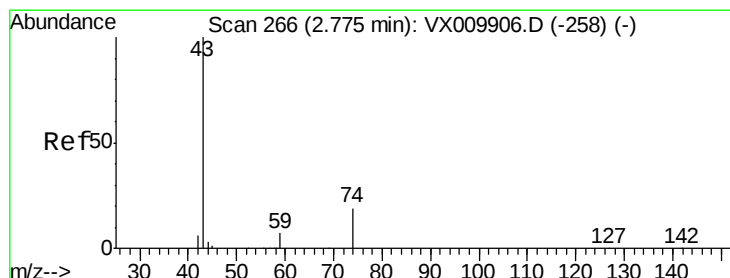
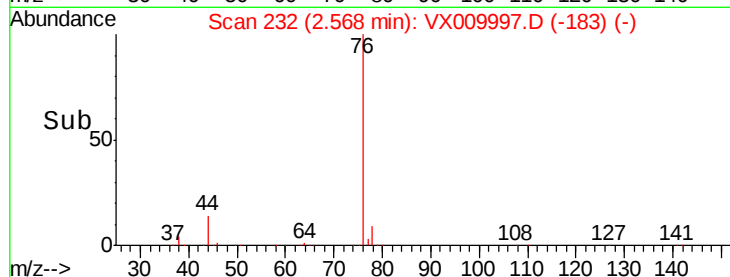
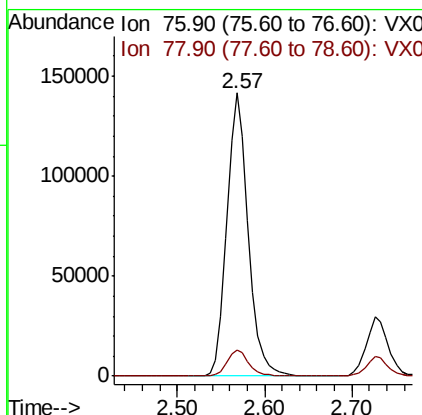
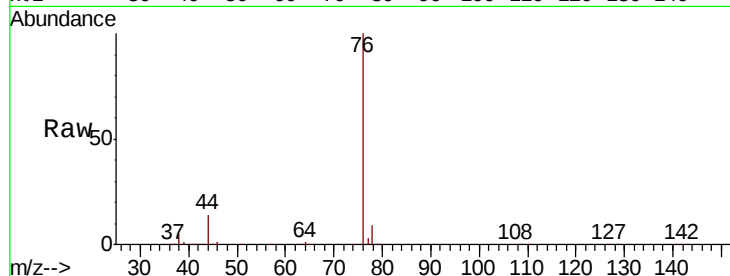




#17
Carbon Disulfide
Concen: 48.106 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

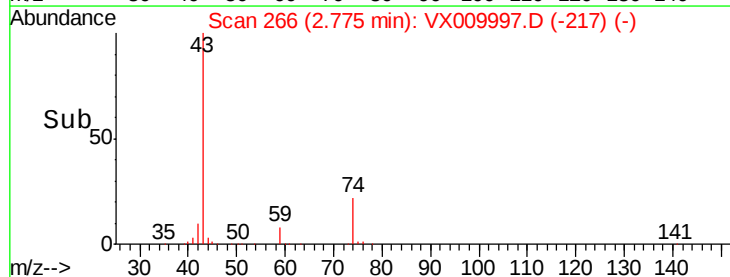
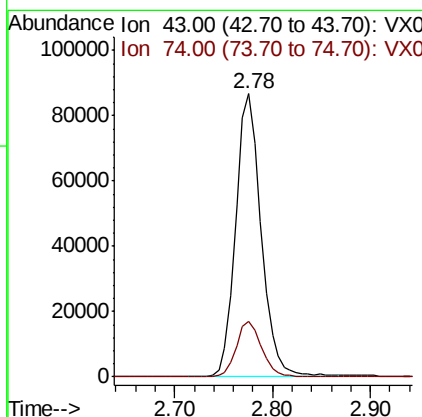
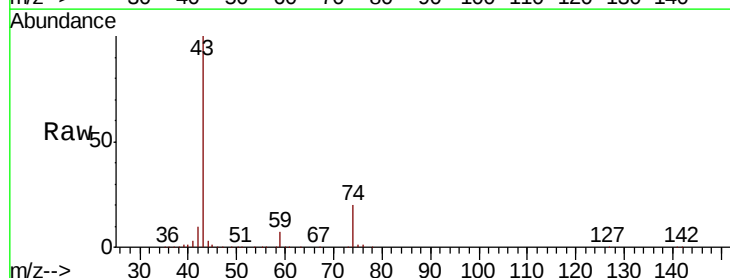
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

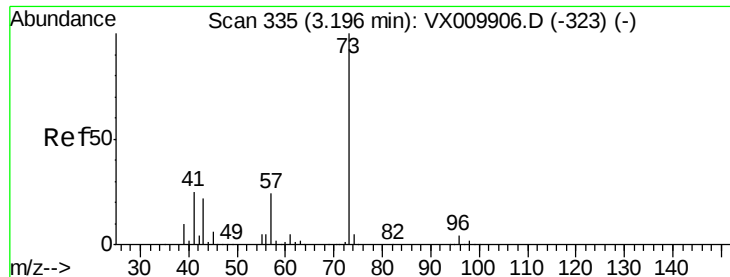
Tot Ion: 76 Resp: 238907
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6



#18
Methyl Acetate
Concen: 50.811 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

Tgt Ion: 43 Resp: 156323
Ion Ratio Lower Upper
43 100
74 19.2 15.8 23.6



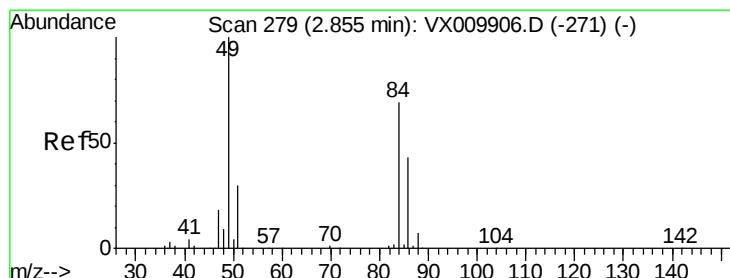
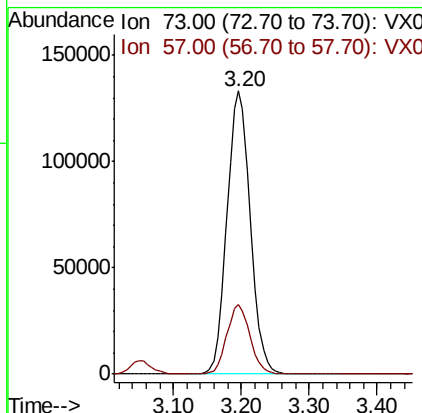
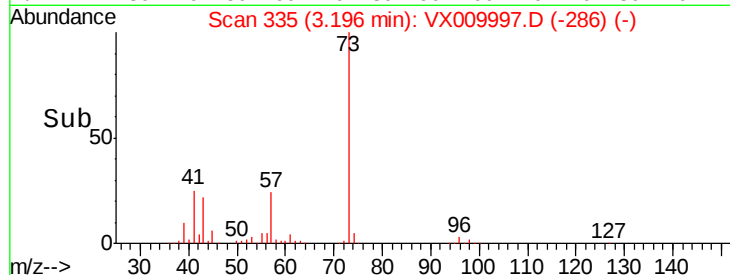
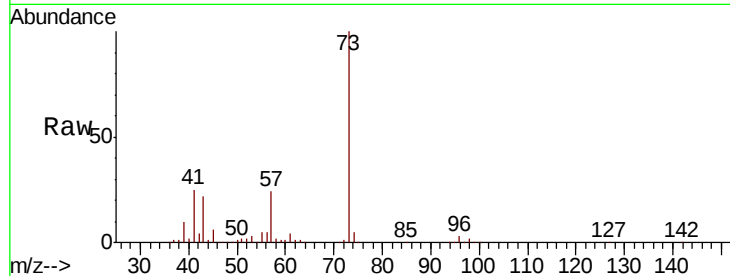


#19

Methyl tert-butyl Ether
 Concen: 50.902 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX009997.D
 Acq: 31 May 2019 19:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

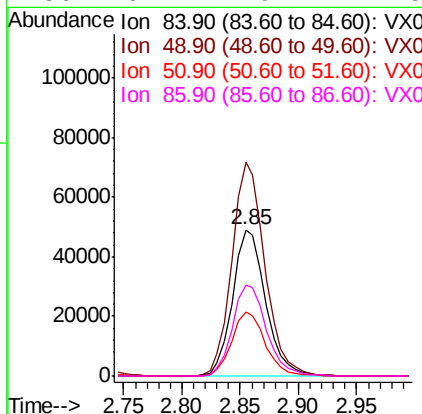
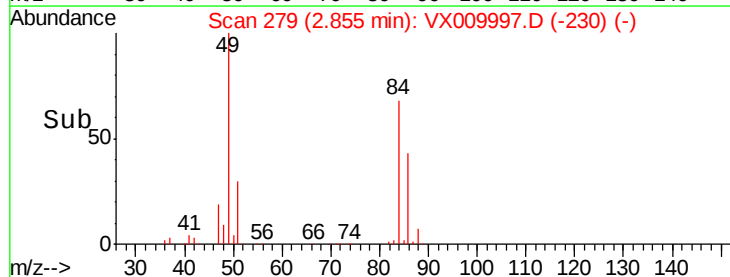
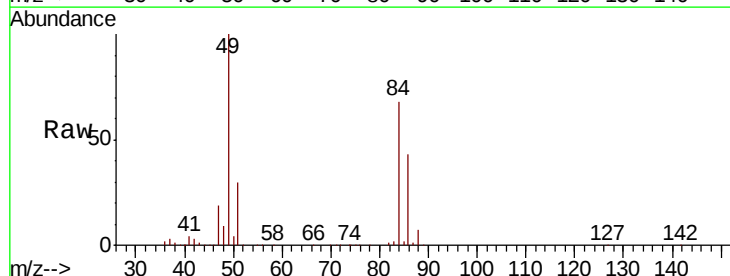
Tot Ion: 73 Resp: 315290
 Ion Ratio Lower Upper
 73 100
 57 24.5 19.4 29.2

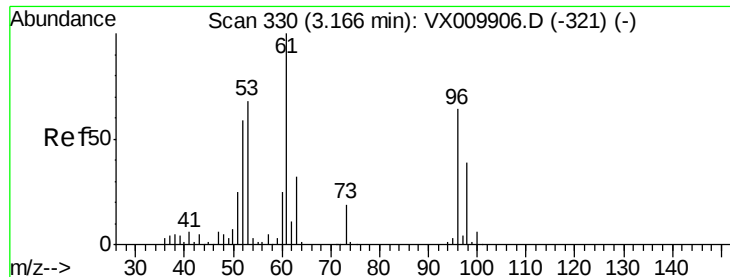


#20

Methylene Chloride
 Concen: 47.901 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX009997.D
 Acq: 31 May 2019 19:54

Tgt Ion: 84 Resp: 96989
 Ion Ratio Lower Upper
 84 100
 49 146.1 115.8 173.6
 51 43.9 34.4 51.6
 86 62.2 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 47.445 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX009997.D

Acq: 31 May 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

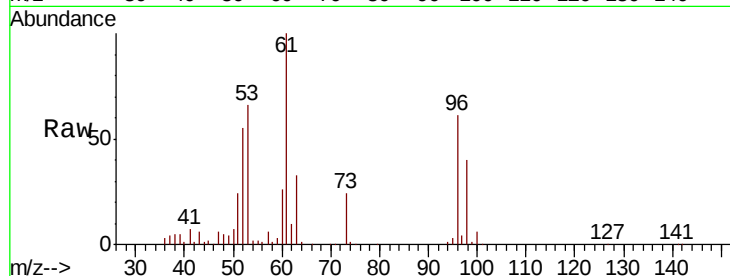
Tot Ion: 96 Resp: 86610

Ion Ratio Lower Upper

96 100

61 162.6 125.7 188.5

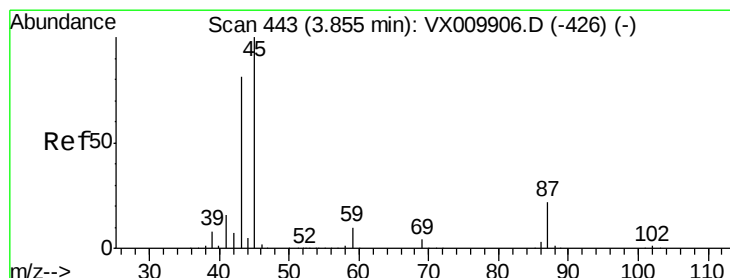
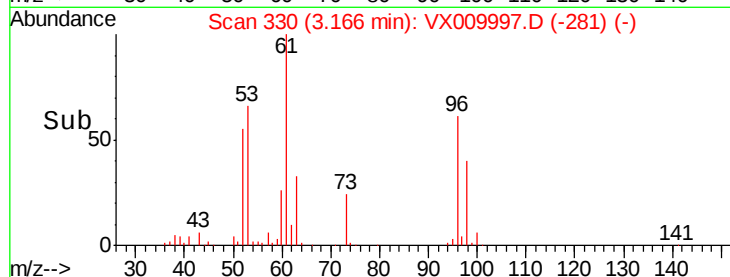
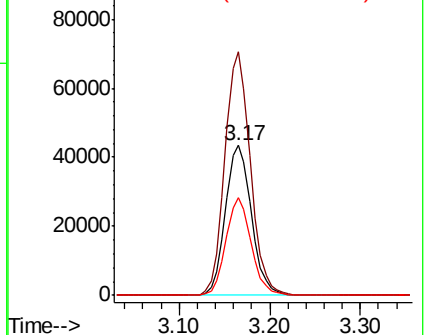
98 65.4 49.0 73.6



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: 51.070 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX009997.D

Acq: 31 May 2019 19:54

Tgt Ion: 45 Resp: 387476

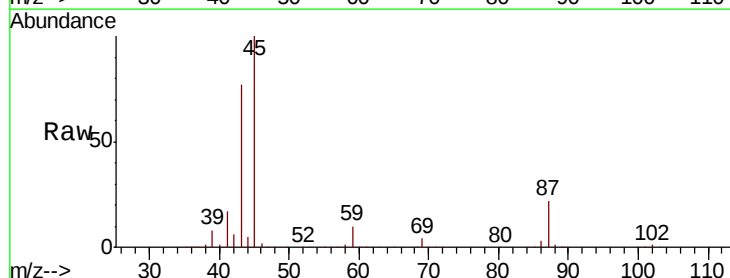
Ion Ratio Lower Upper

45 100

43 76.8 65.0 97.4

87 21.8 17.3 25.9

59 10.2 8.1 12.1

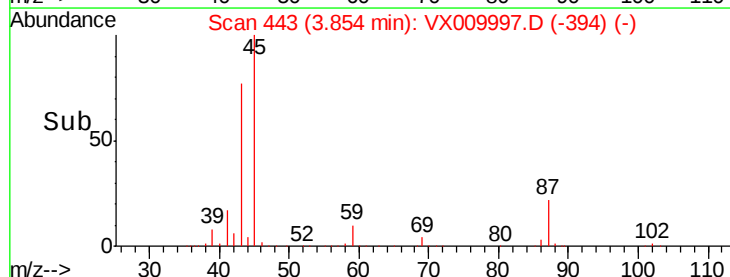
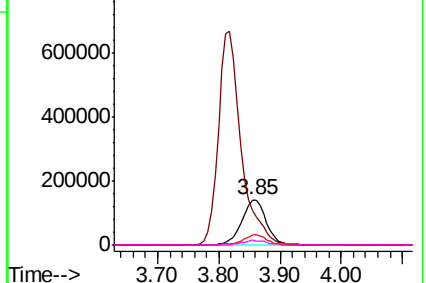


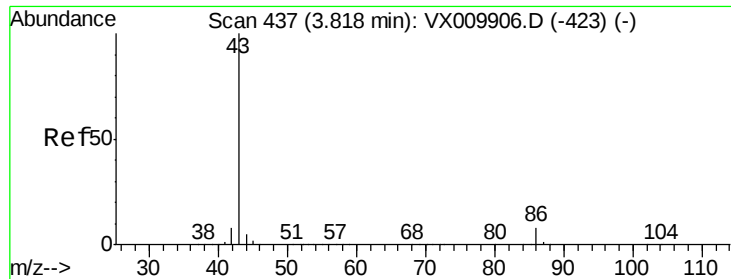
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 254.274 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX009997.D

Acq: 31 May 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

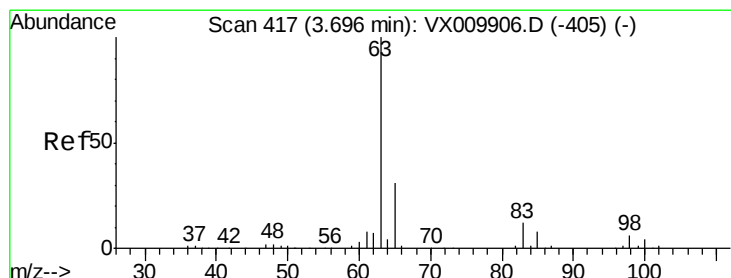
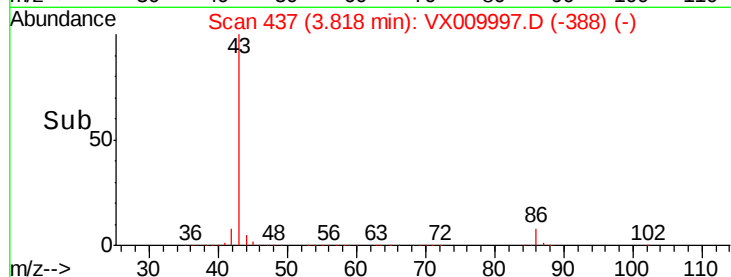
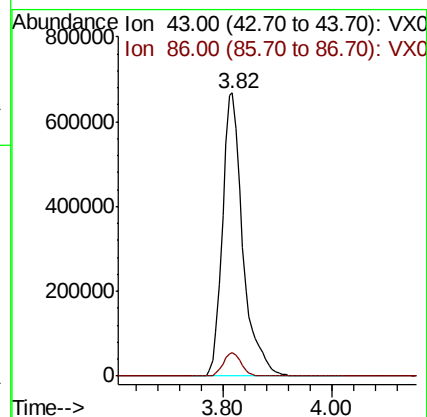
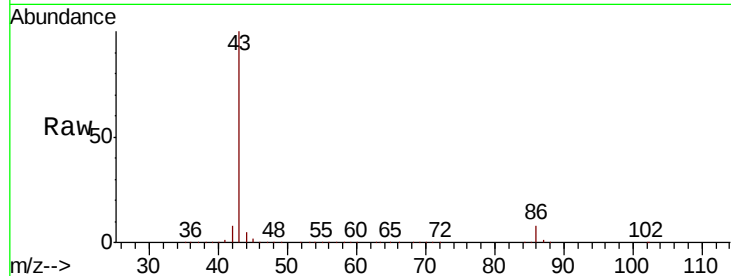
VSTDCCC050EC

Tot Ion: 43 Resp: 1733099

Ion Ratio Lower Upper

43 100

86 8.3 6.5 9.7



#24

1,1-Dichloroethane

Concen: 50.321 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009997.D

Acq: 31 May 2019 19:54

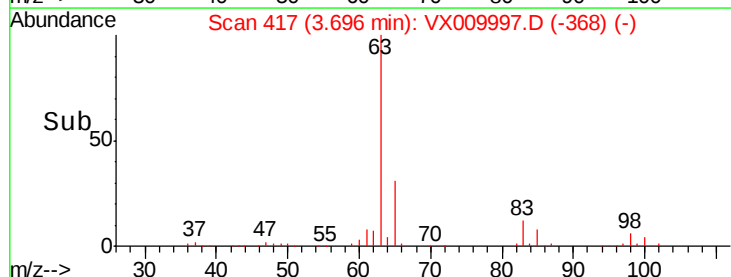
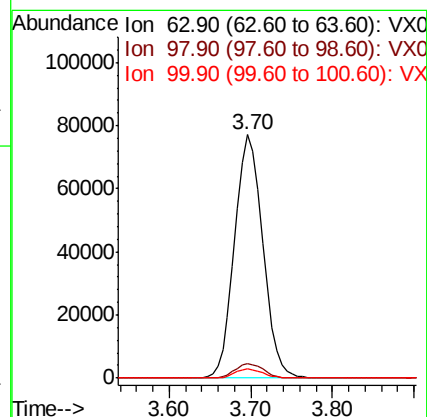
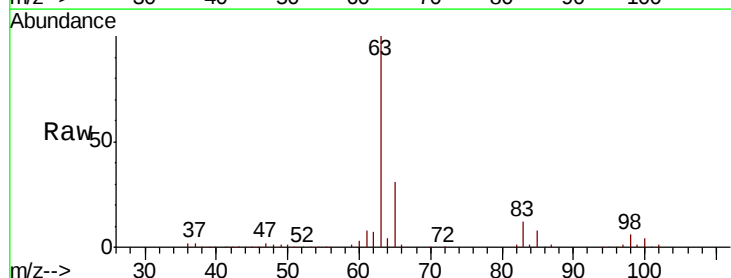
Tgt Ion: 63 Resp: 185024

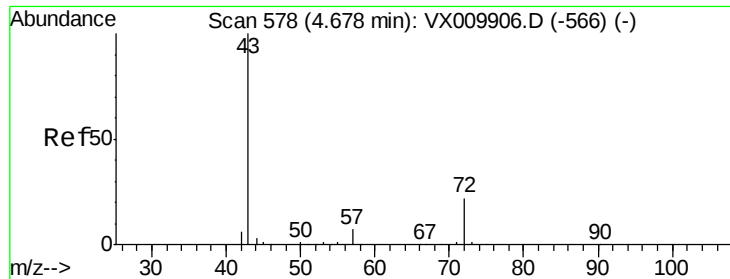
Ion Ratio Lower Upper

63 100

98 5.9 2.9 8.8

100 3.7 1.8 5.4





#25

2-Butanone

Concen: 251.985 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX009997.D

Acq: 31 May 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

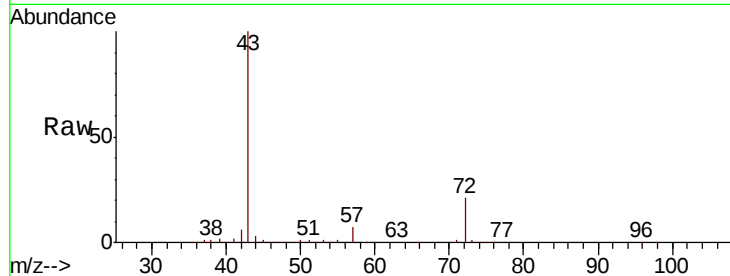
VSTDCCC050EC

Tot Ion: 43 Resp: 519077

Ion Ratio Lower Upper

43 100

72 21.2 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

200000

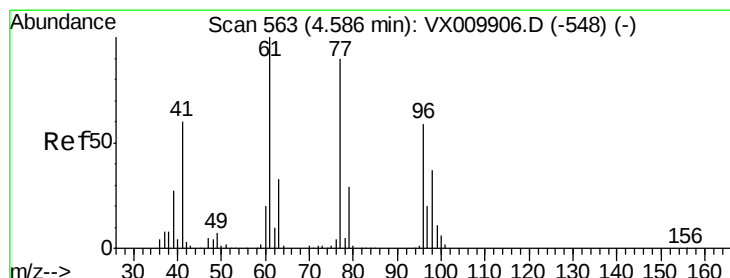
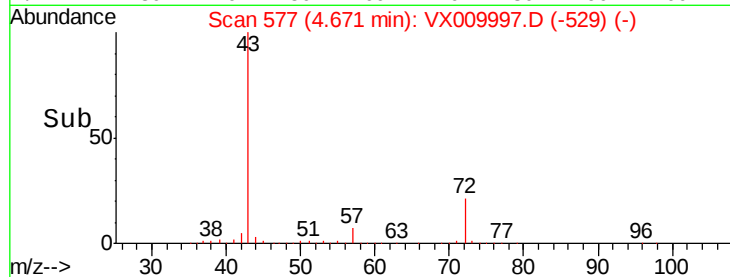
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 45.688 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX009997.D

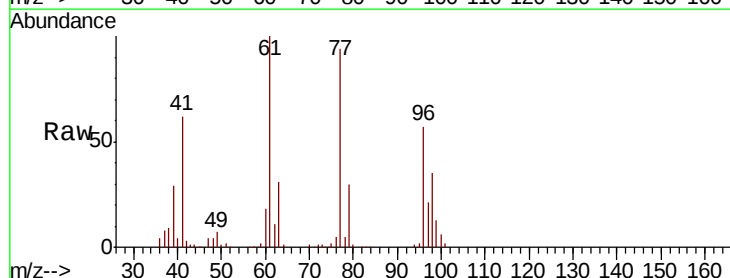
Acq: 31 May 2019 19:54

Tgt Ion: 77 Resp: 127075

Ion Ratio Lower Upper

77 100

97 22.9 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

40000

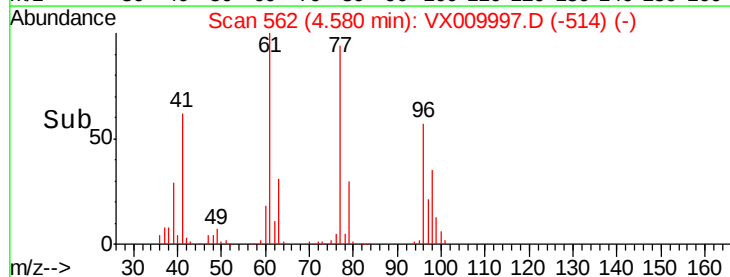
30000

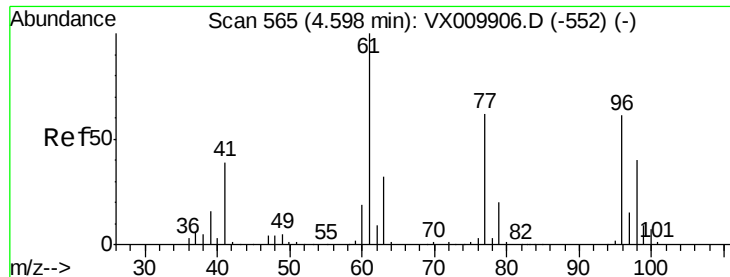
20000

10000

0

Time-->



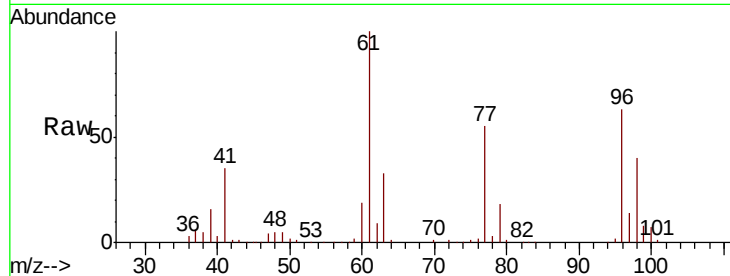


#27

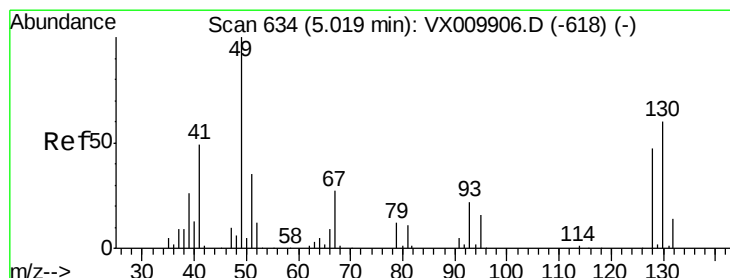
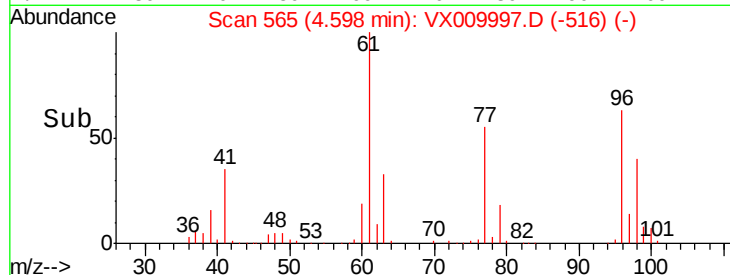
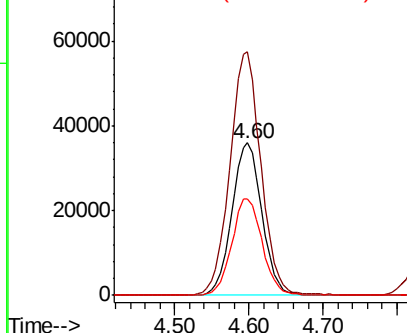
cis-1,2-Dichloroethene
 Concen: 48.160 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX009997.D
 Acq: 31 May 2019 19:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 96 Resp: 101484
 Ion Ratio Lower Upper
 96 100
 61 164.6 0.0 334.0
 98 64.3 0.0 131.6



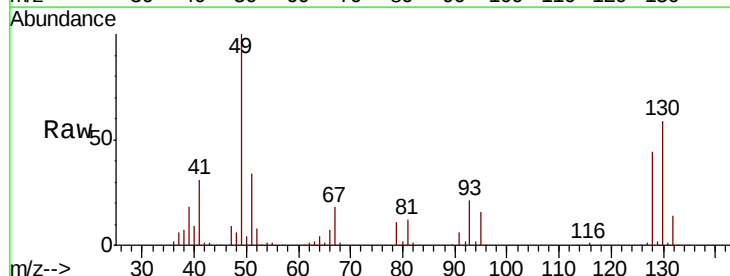
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



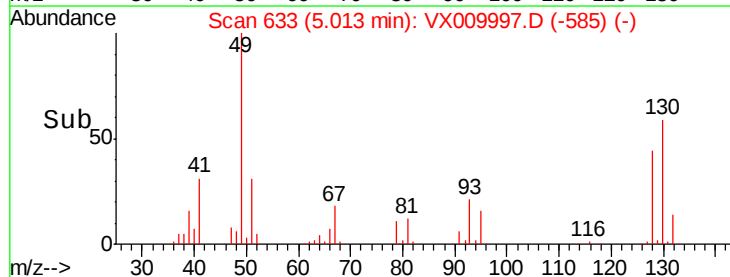
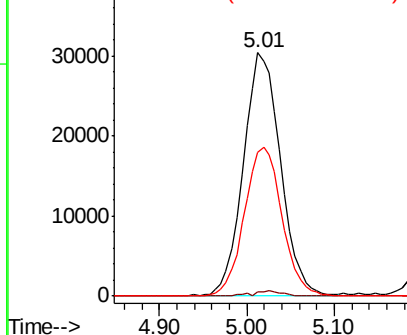
#28

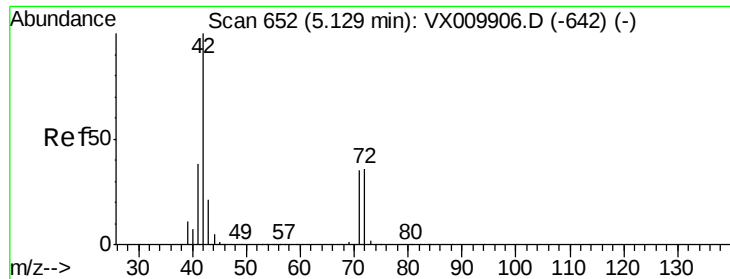
Bromochloromethane
 Concen: 47.330 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX009997.D
 Acq: 31 May 2019 19:54

Tgt Ion: 49 Resp: 90306
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 3.4
 130 61.8 49.4 74.2



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: 254.724 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX009997.D

Acq: 31 May 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

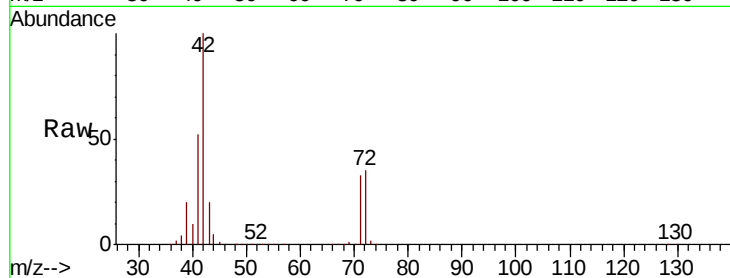
Tot Ion: 42 Resp: 336481

Ion Ratio Lower Upper

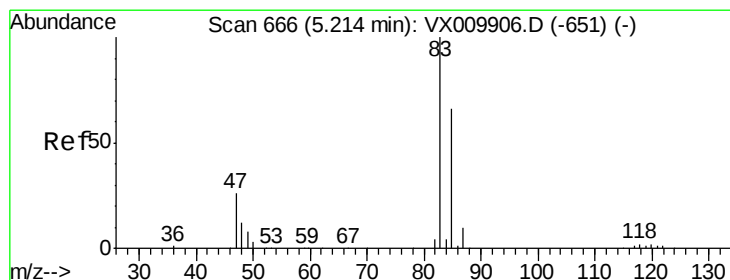
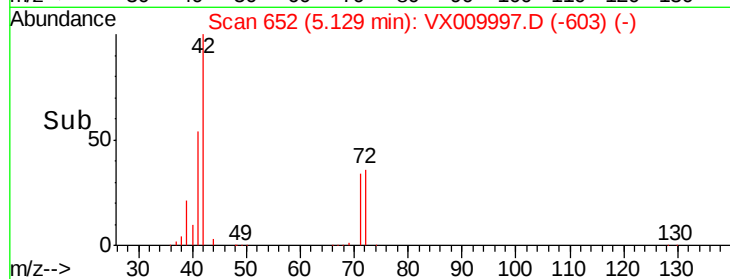
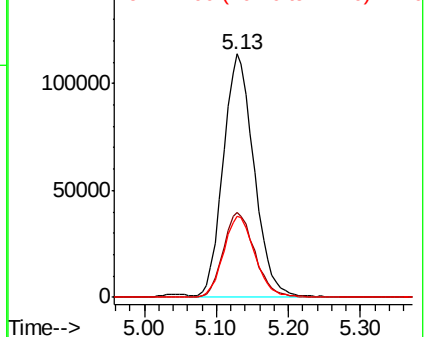
42 100

72 36.0 29.2 43.8

71 34.1 27.6 41.4



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: 50.504 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX009997.D

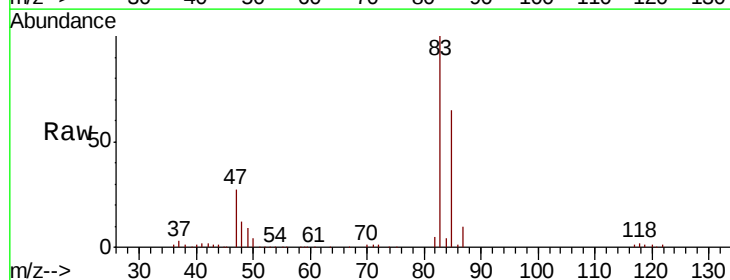
Acq: 31 May 2019 19:54

Tgt Ion: 83 Resp: 167470

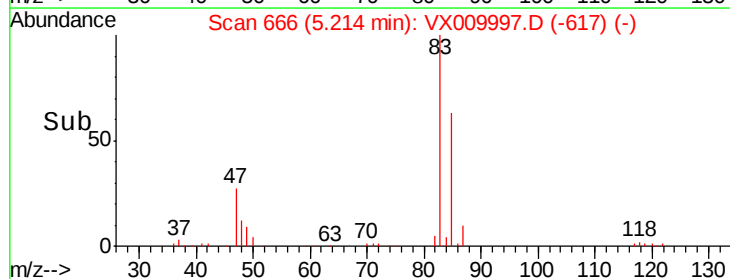
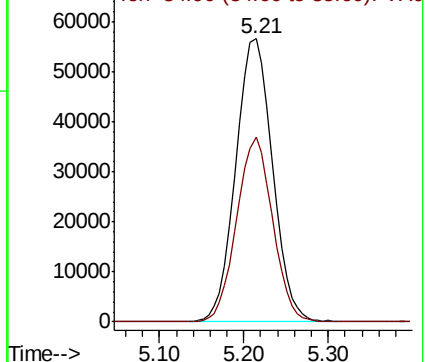
Ion Ratio Lower Upper

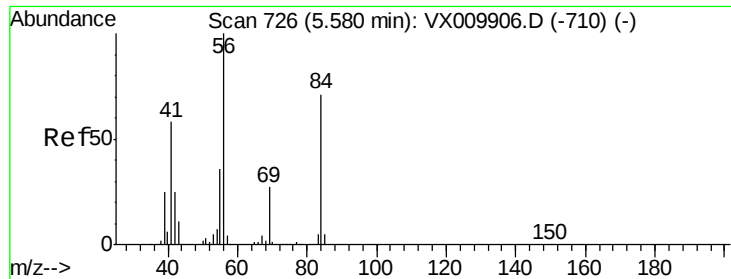
83 100

85 65.1 52.6 78.8



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

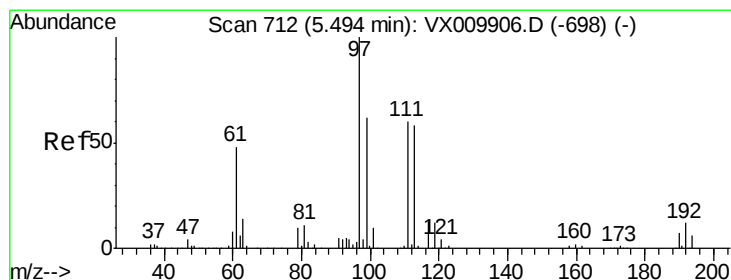
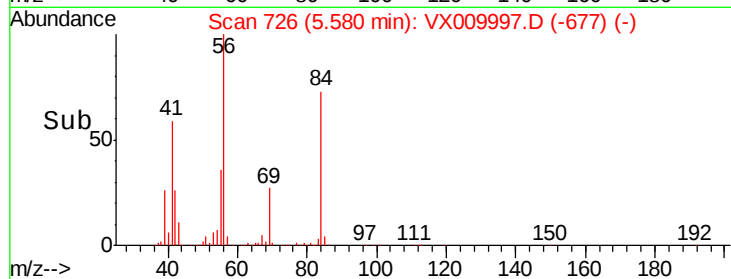
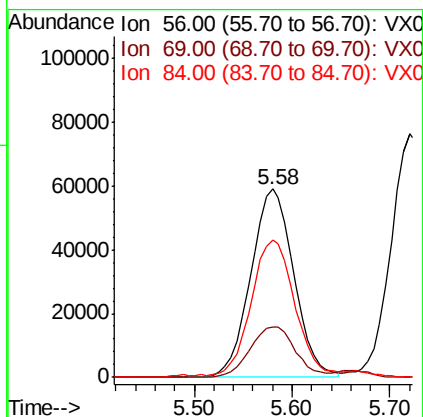
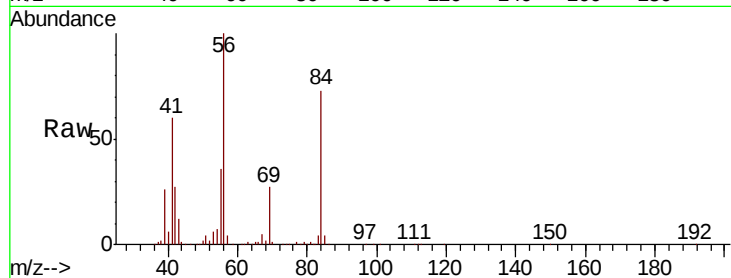




#31
Cyclohexane
Concen: 51.853 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

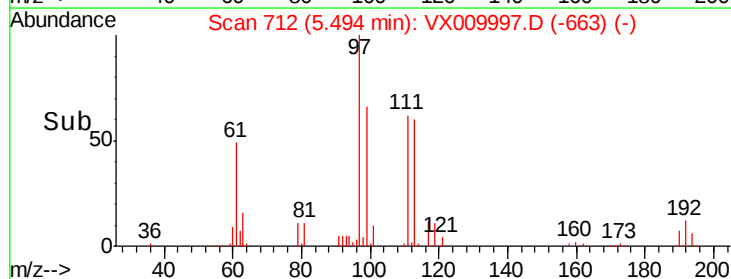
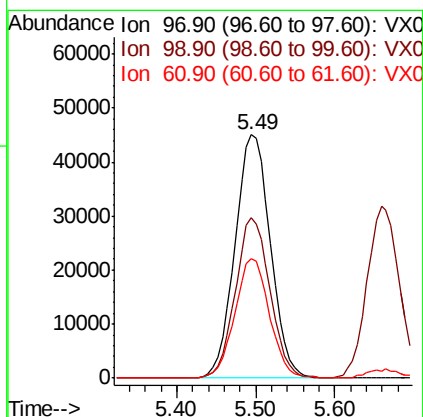
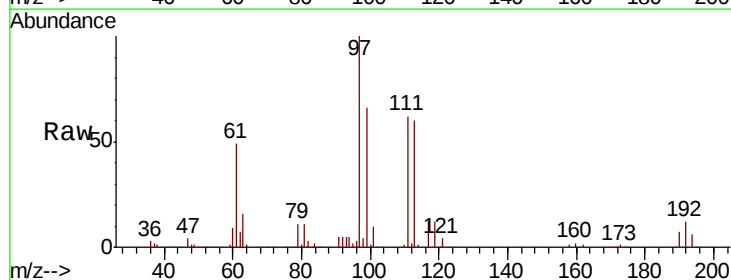
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

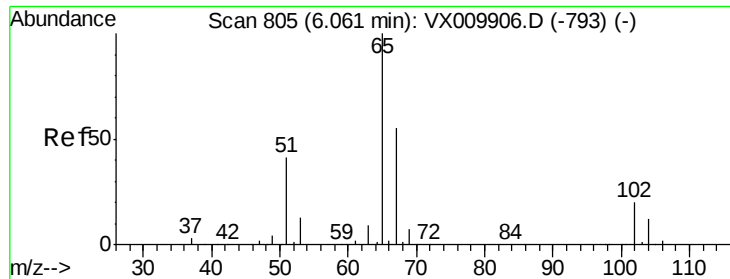
Tot Ion: 56 Resp: 180575
Ion Ratio Lower Upper
56 100
69 26.6 21.6 32.4
84 72.2 56.8 85.2



#32
1,1,1-Trichloroethane
Concen: 52.095 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

Tgt Ion: 97 Resp: 140684
Ion Ratio Lower Upper
97 100
99 64.4 51.0 76.4
61 48.2 38.7 58.1

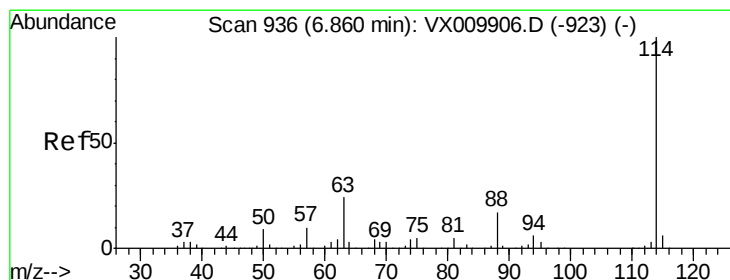
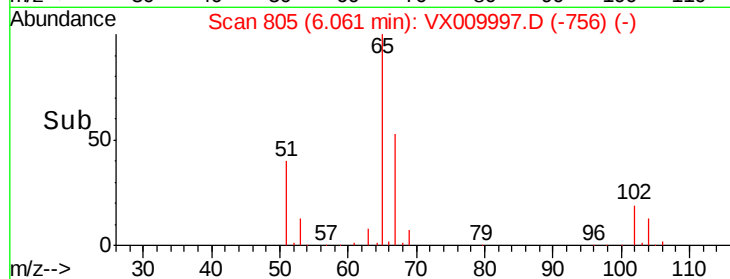
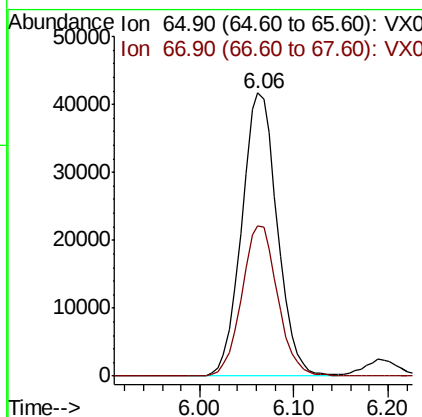
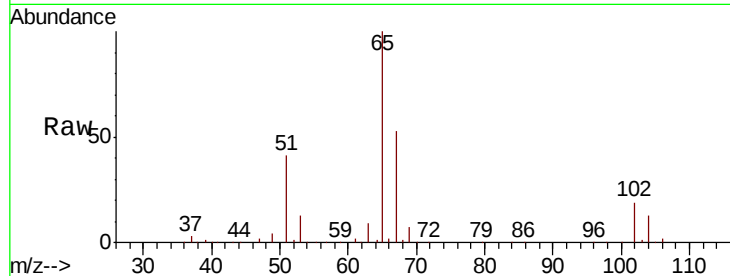




#33
 1,2-Dichloroethane-d4
 Concen: 48.326 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009997.D
 Acq: 31 May 2019 19:54

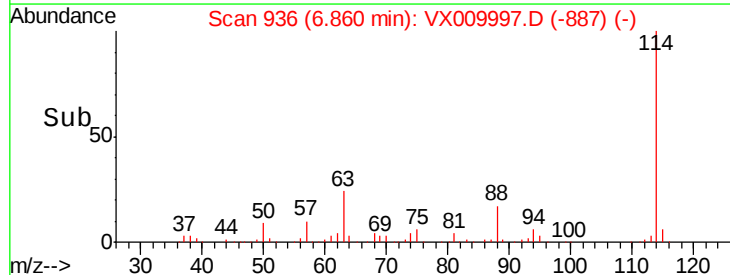
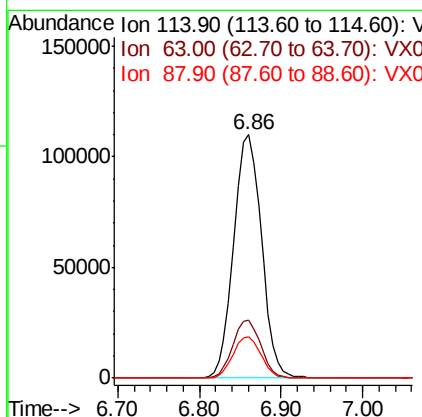
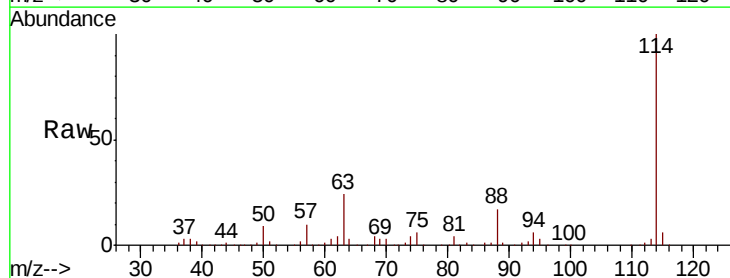
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

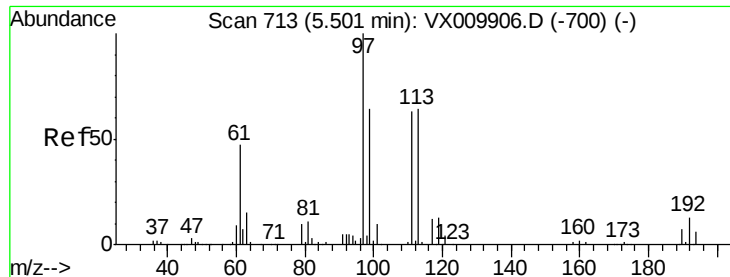
Tot Ion: 65 Resp: 110590
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009997.D
 Acq: 31 May 2019 19:54

Tgt Ion: 114 Resp: 260556
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 47.4
 88 17.1 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.316 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009997.D

Acq: 31 May 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

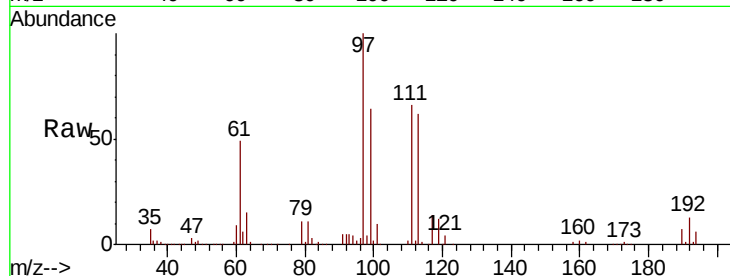
Tot Ion:113 Resp: 80786

Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.2

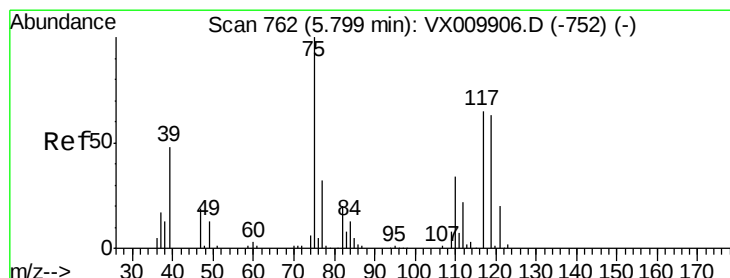
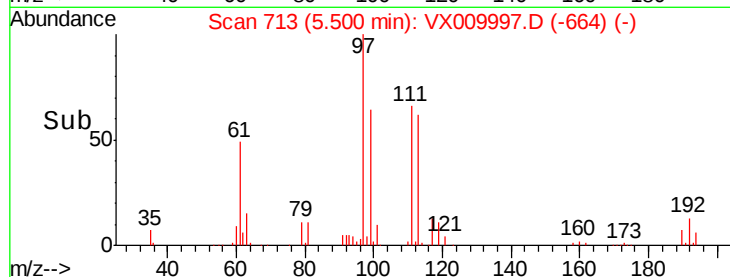
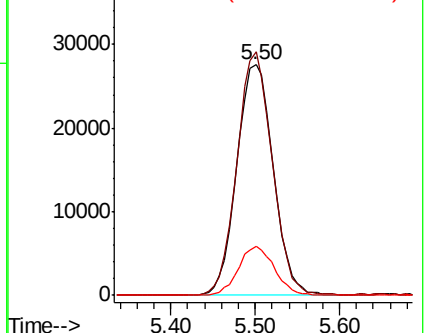
192 20.9 17.1 25.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.921 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX009997.D

Acq: 31 May 2019 19:54

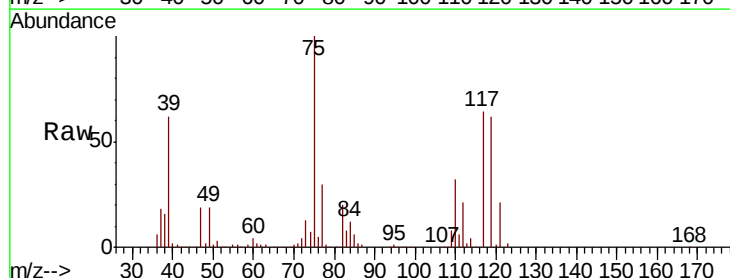
Tgt Ion: 75 Resp: 129329

Ion Ratio Lower Upper

75 100

110 33.3 16.7 50.1

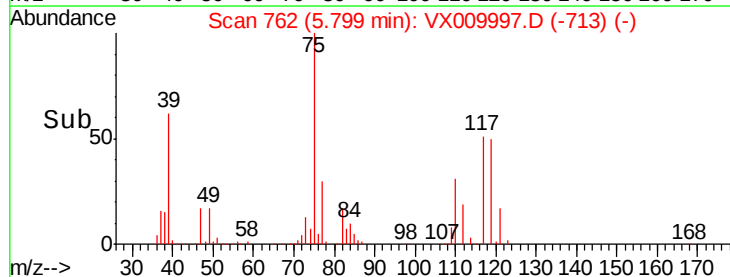
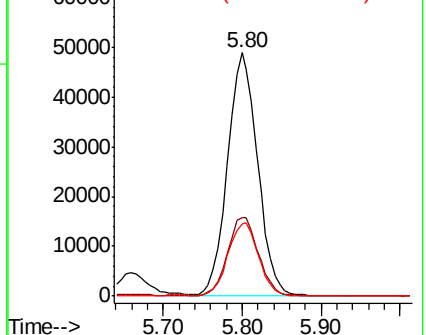
77 31.0 25.0 37.4

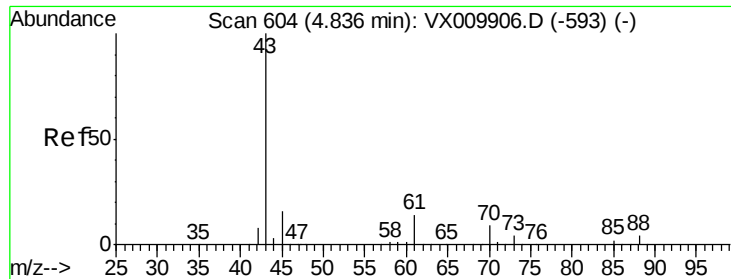


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

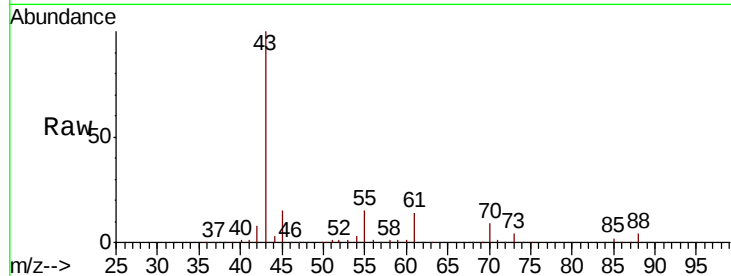




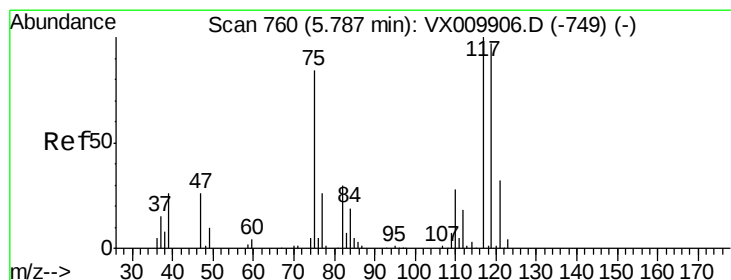
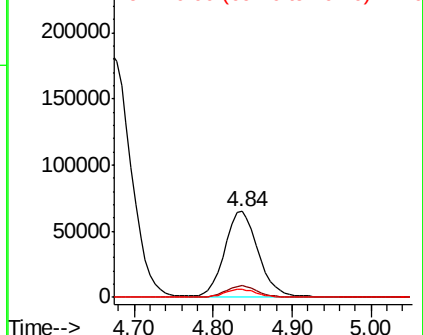
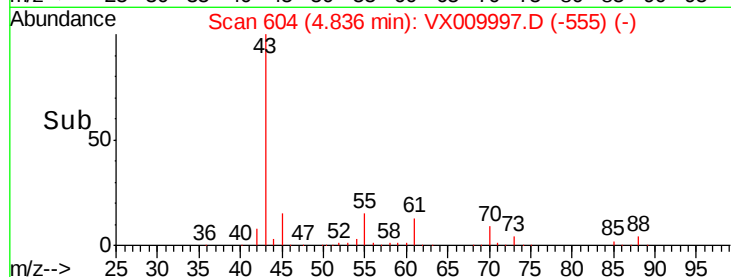
#37
Ethyl Acetate
Concen: 51.793 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 190784
Ion Ratio Lower Upper
43 100
61 12.9 10.2 15.2
70 9.1 7.4 11.2

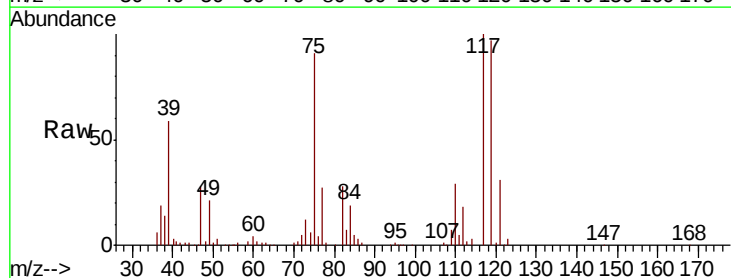


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

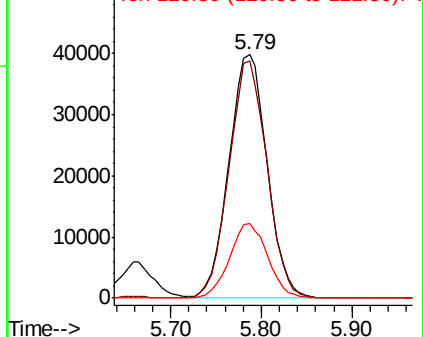
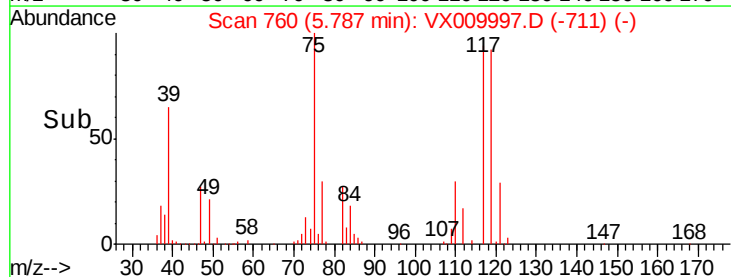


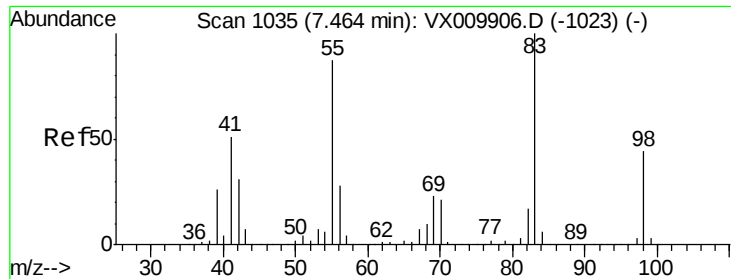
#38
Carbon Tetrachloride
Concen: 51.123 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

Tgt Ion: 117 Resp: 116789
Ion Ratio Lower Upper
117 100
119 97.4 77.3 115.9
121 30.7 25.4 38.0



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

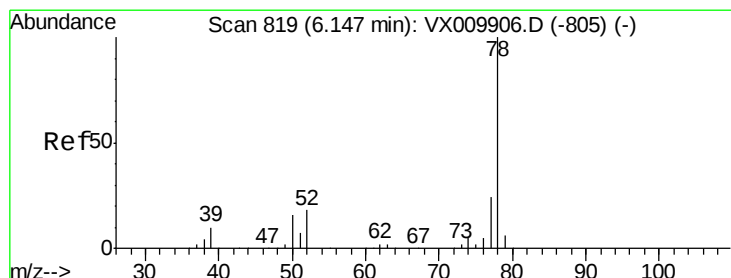
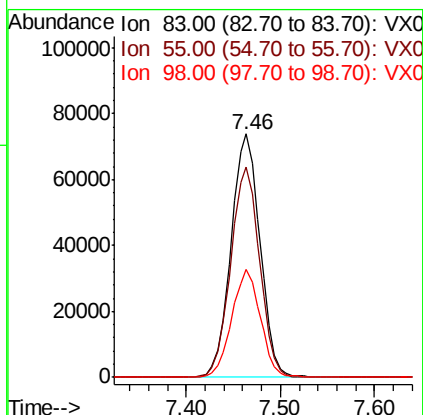
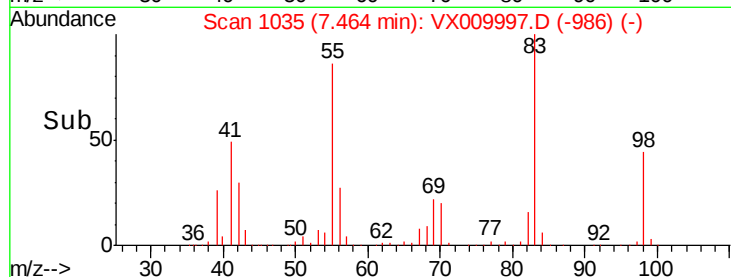
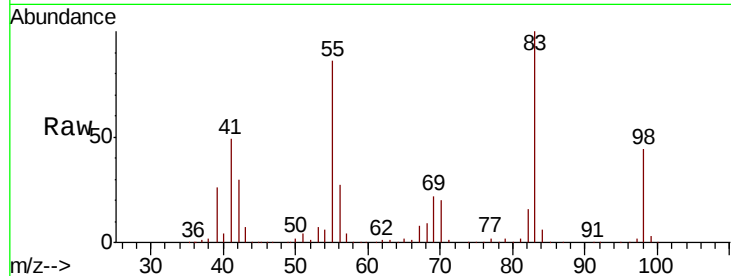




#39
Methvlcvclohexane
Concen: 50.317 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

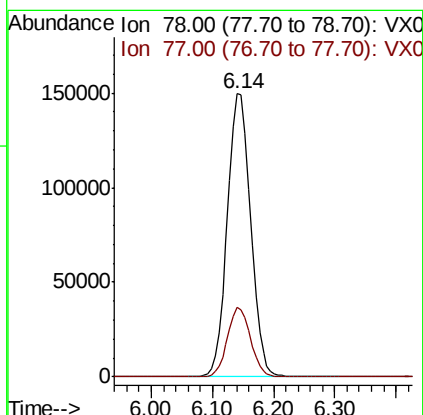
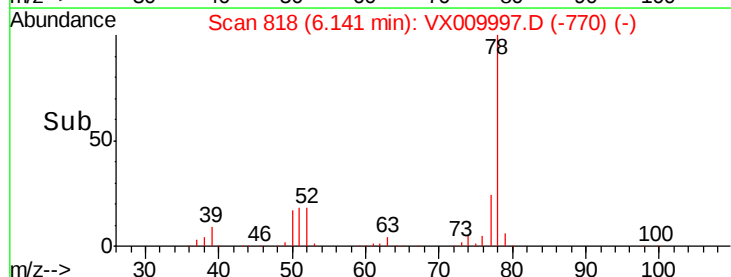
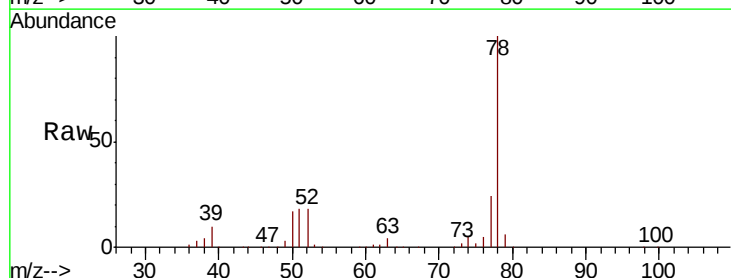
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

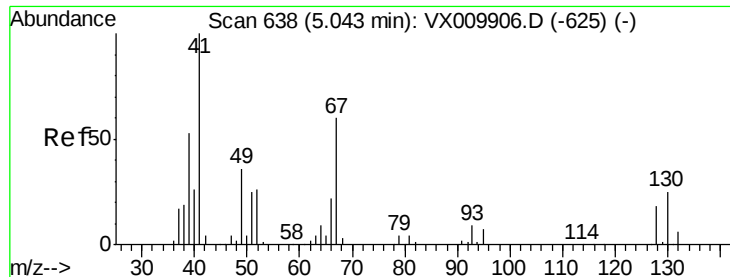
Tot Ion: 83 Resp: 157787
Ion Ratio Lower Upper
83 100
55 86.4 69.9 104.9
98 44.3 35.1 52.7



#40
Benzene
Concen: 50.447 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

Tgt Ion: 78 Resp: 395617
Ion Ratio Lower Upper
78 100
77 24.5 19.2 28.8





#41

Methacrylonitrile

Concen: 50.850 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX009997.D

Acq: 31 May 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 109451

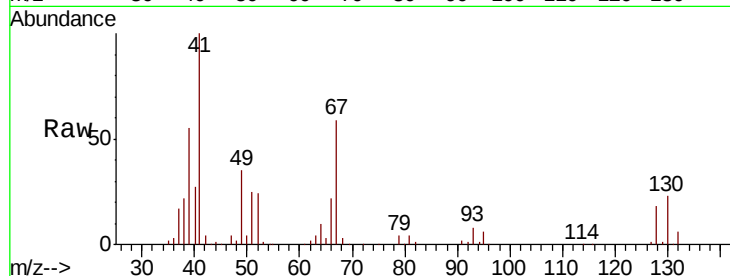
Ion Ratio Lower Upper

41 100

39 52.6 42.2 63.4

67 59.6 48.9 73.3

52 25.5 20.1 30.1

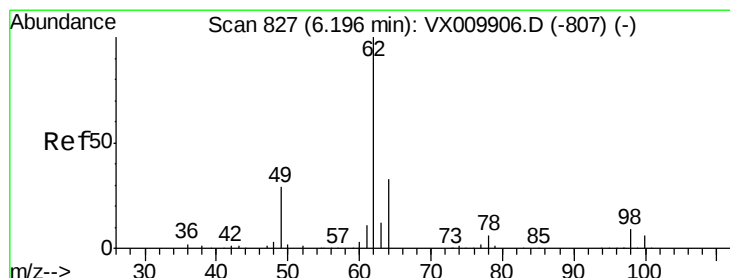
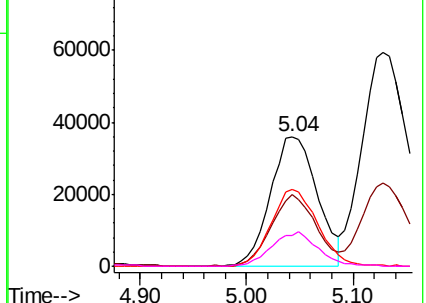
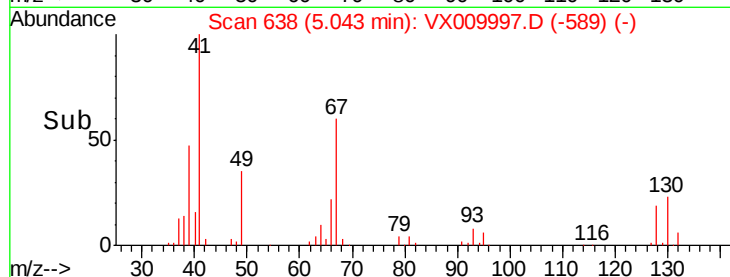


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 50.042 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX009997.D

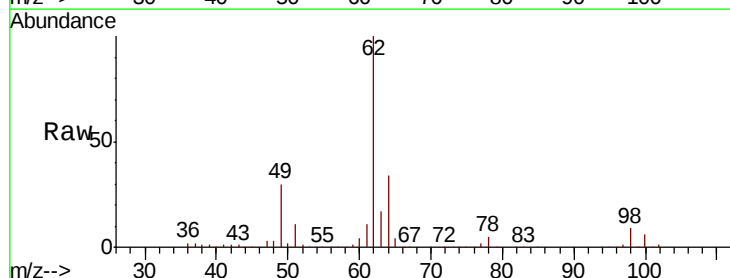
Acq: 31 May 2019 19:54

Tgt Ion: 62 Resp: 145085

Ion Ratio Lower Upper

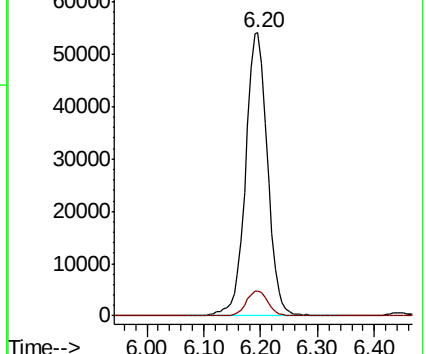
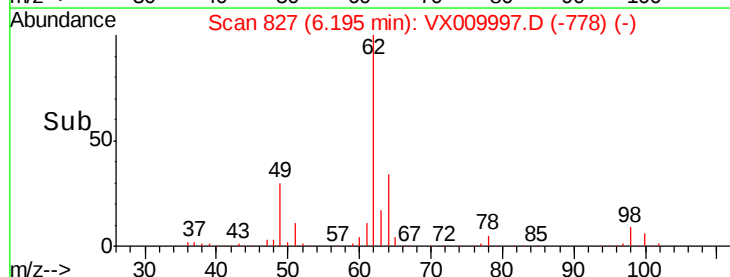
62 100

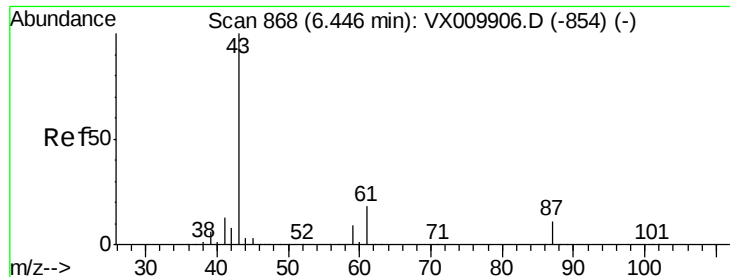
98 8.7 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



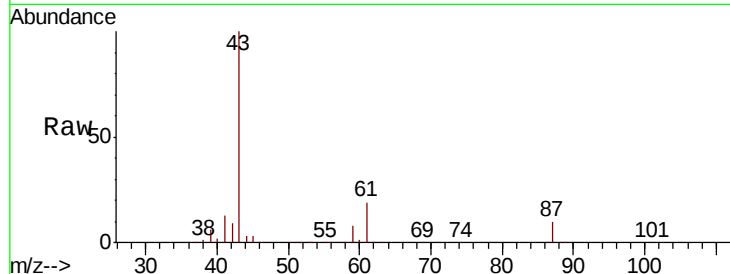


#43

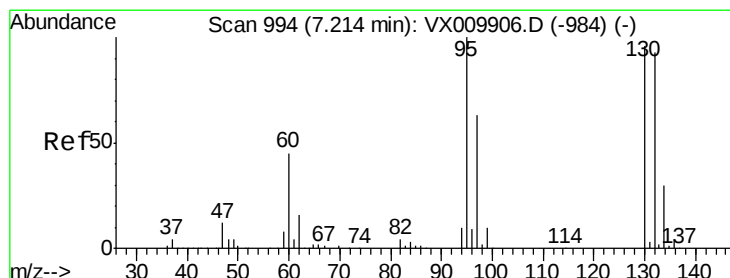
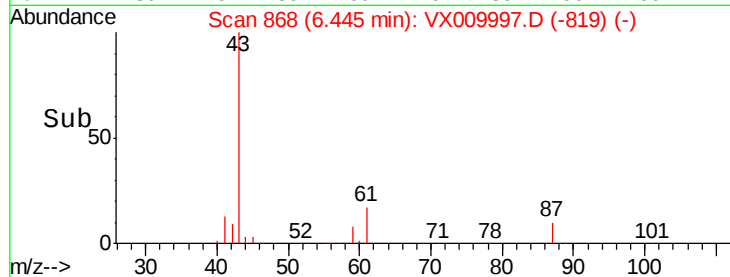
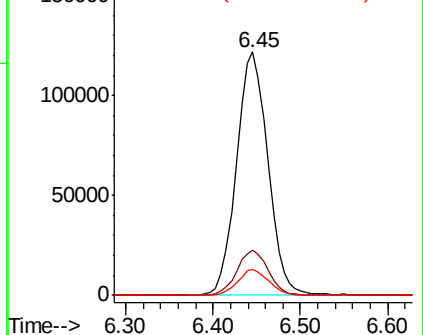
Isopropyl Acetate
 Concen: 50.920 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX009997.D
 Acq: 31 May 2019 19:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 302650
 Ion Ratio Lower Upper
 43 100
 61 18.6 14.6 21.8
 87 10.5 8.7 13.1



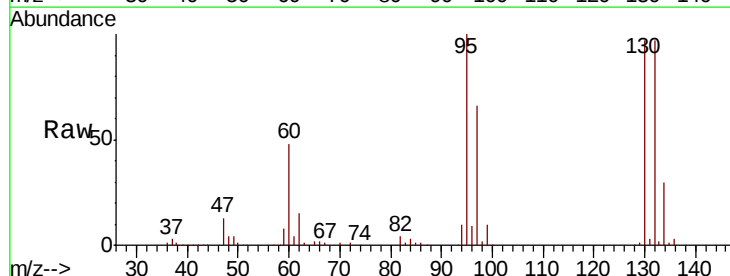
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



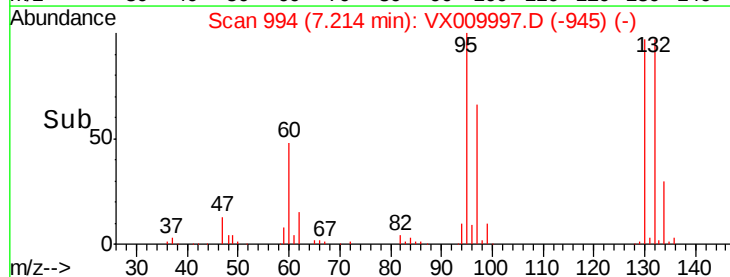
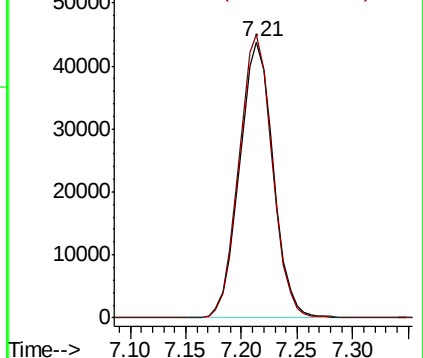
#44

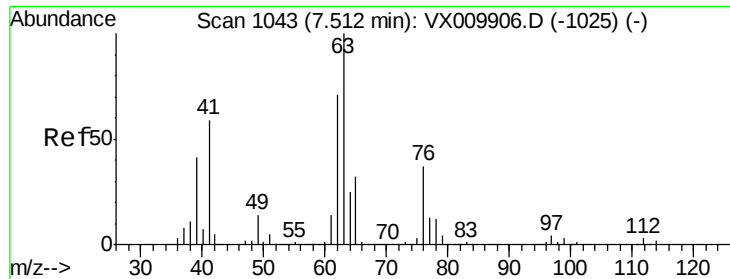
Trichloroethene
 Concen: 48.339 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX009997.D
 Acq: 31 May 2019 19:54

Tgt Ion:130 Resp: 92081
 Ion Ratio Lower Upper
 130 100
 95 102.7 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 49.354 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX009997.D

Acq: 31 May 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

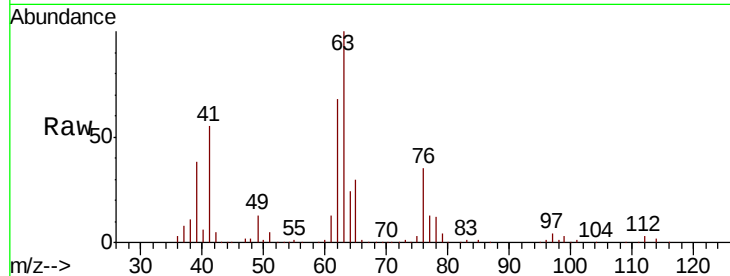
VSTDCCC050EC

Tot Ion: 63 Resp: 111418

Ion Ratio Lower Upper

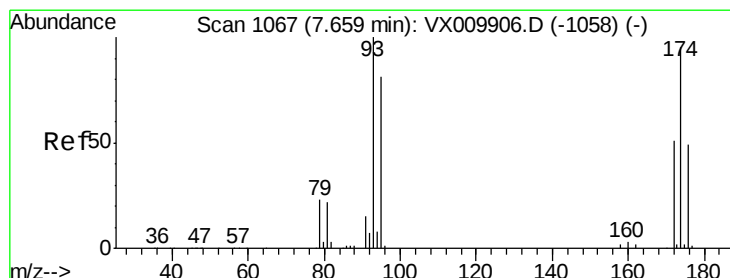
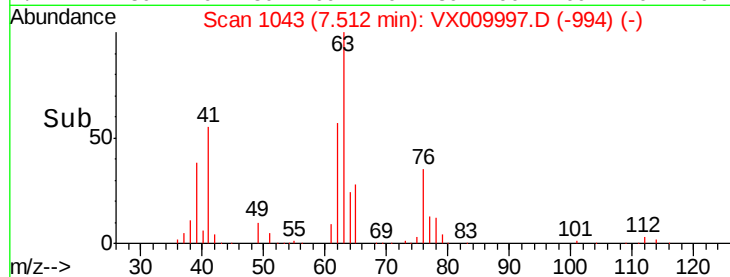
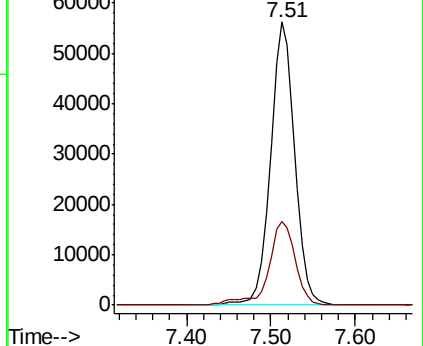
63 100

65 29.6 25.7 38.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 47.453 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX009997.D

Acq: 31 May 2019 19:54

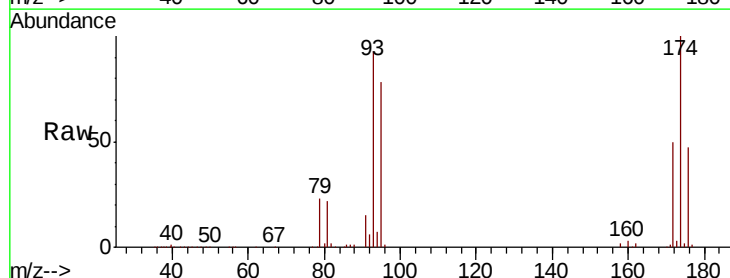
Tgt Ion: 93 Resp: 63057

Ion Ratio Lower Upper

93 100

95 83.8 66.8 100.2

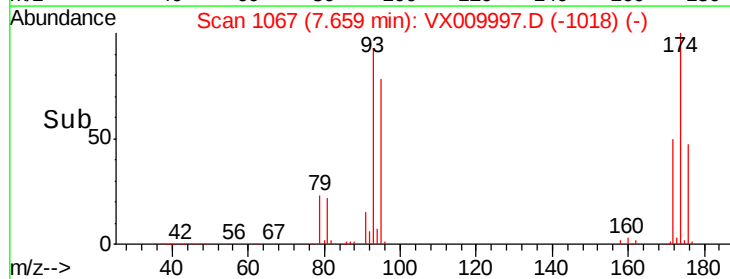
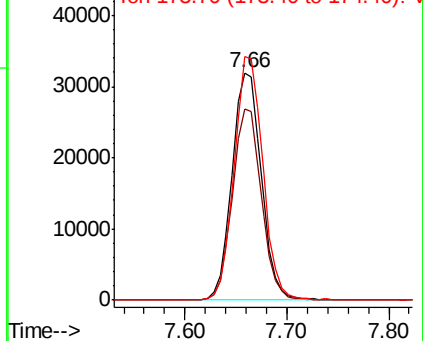
174 105.2 81.9 122.9

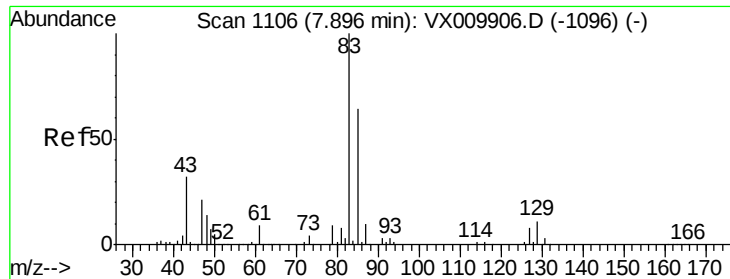


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.073 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009997.D

Acq: 31 May 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

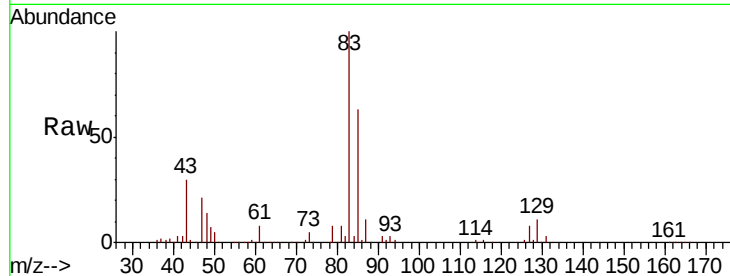
Tot Ion: 83 Resp: 129058

Ion Ratio Lower Upper

83 100

85 63.2 51.4 77.2

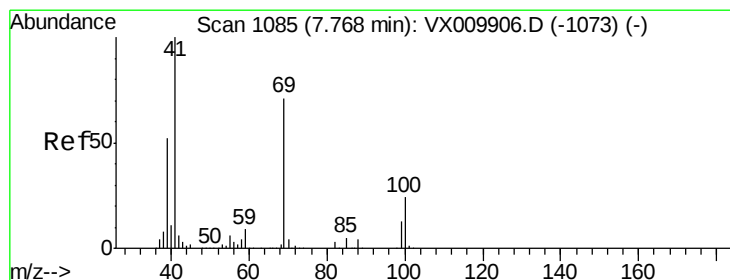
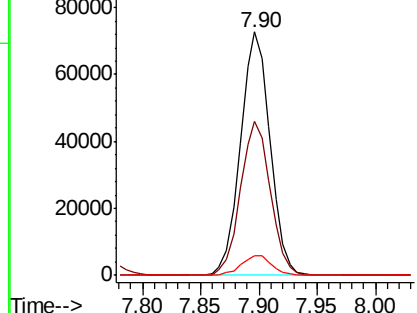
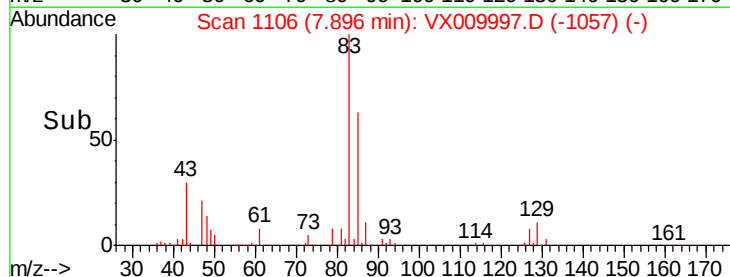
127 8.1 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 51.329 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX009997.D

Acq: 31 May 2019 19:54

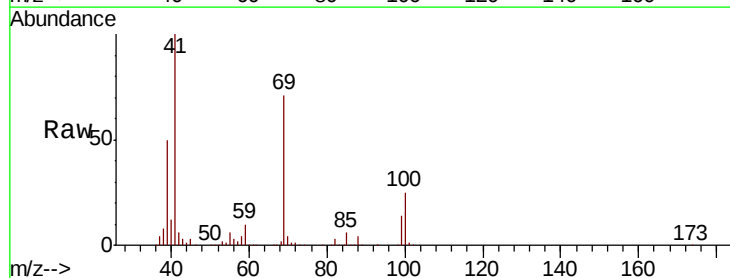
Tgt Ion: 41 Resp: 151025

Ion Ratio Lower Upper

41 100

69 70.9 56.4 84.6

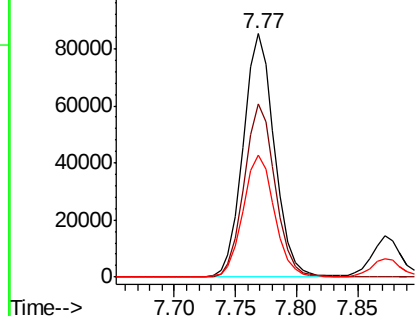
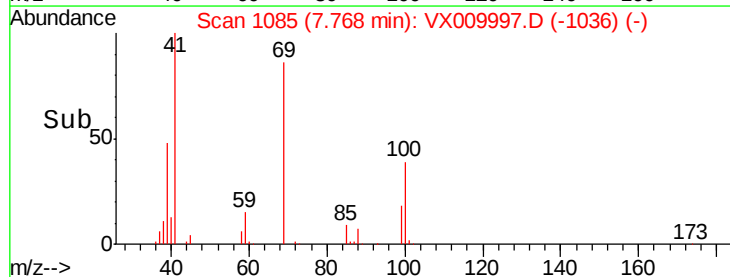
39 50.2 40.6 60.8

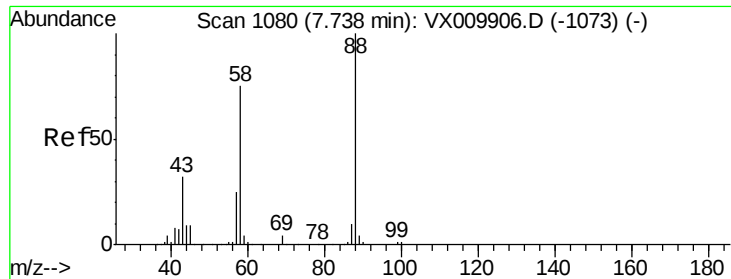


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

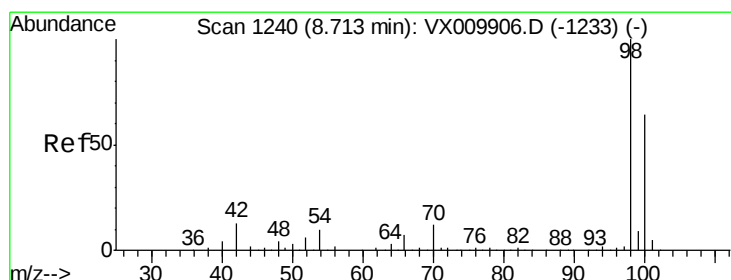
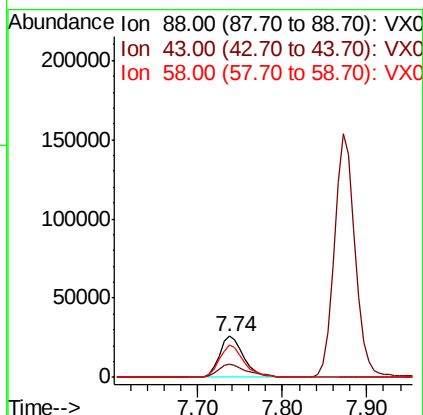
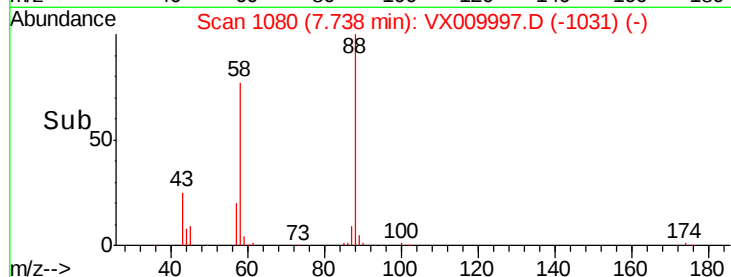
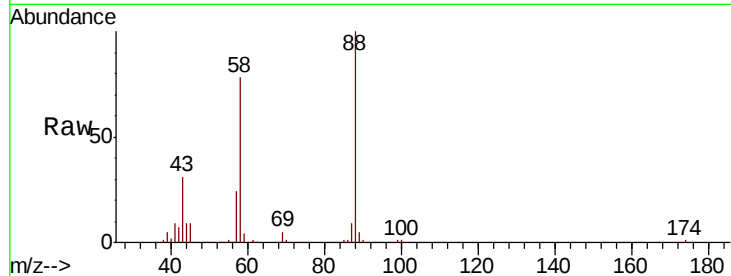




#49
1,4-Dioxane
Concen: 933.717 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

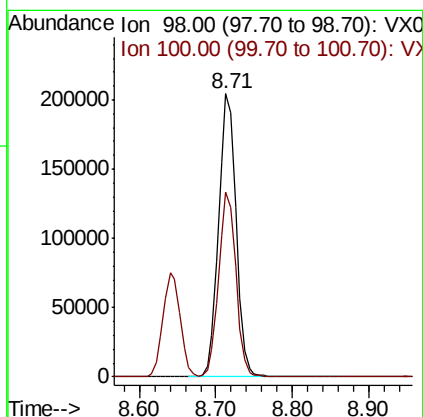
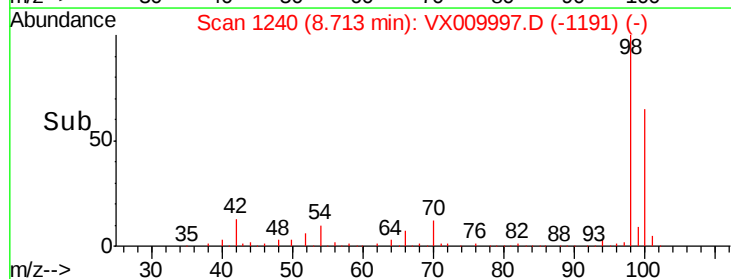
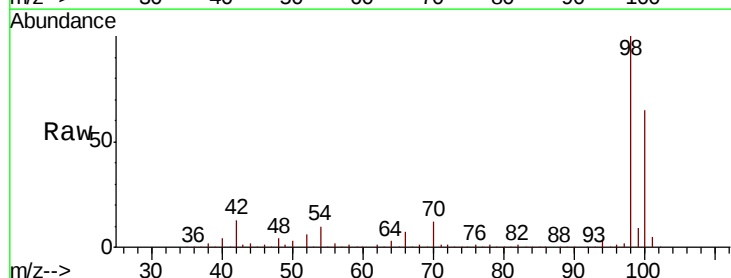
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

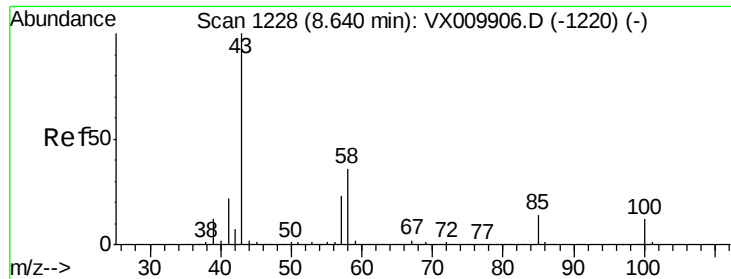
Tot Ion: 88 Resp: 51102
Ion Ratio Lower Upper
88 100
43 37.2 30.2 45.4
58 80.0 64.0 96.0



#50
Toluene-d8
Concen: 48.843 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

Tgt Ion: 98 Resp: 324904
Ion Ratio Lower Upper
98 100
100 64.3 51.5 77.3

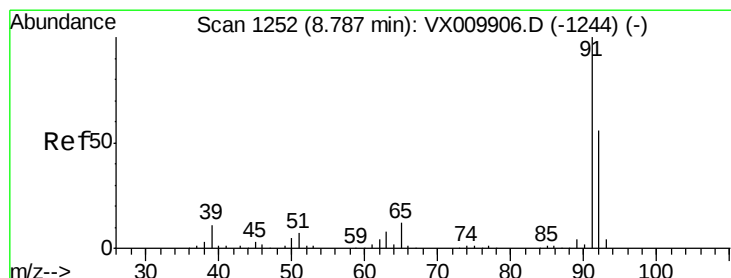
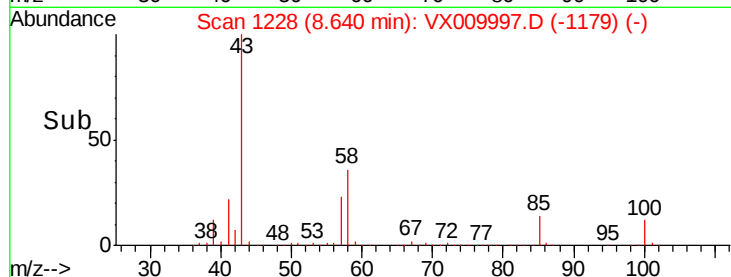
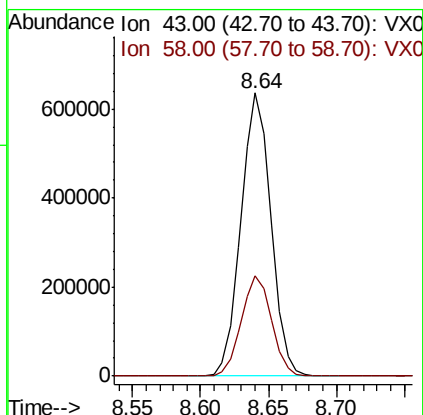
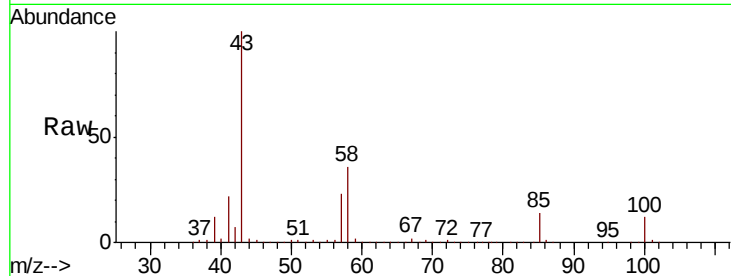




#51
4-Methyl-2-Pentanone
Concen: 253.378 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

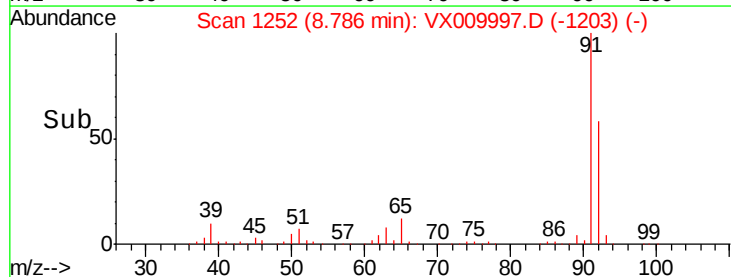
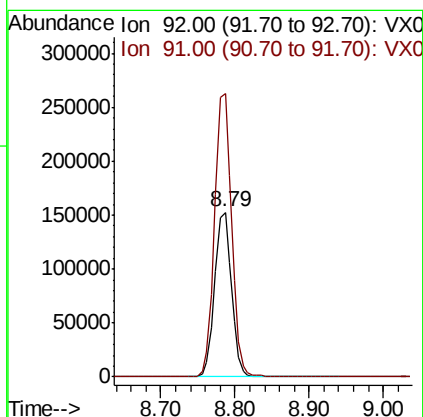
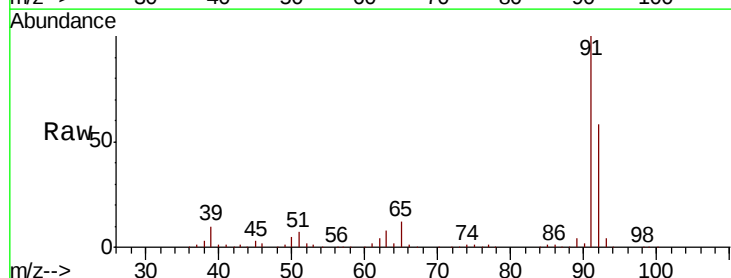
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

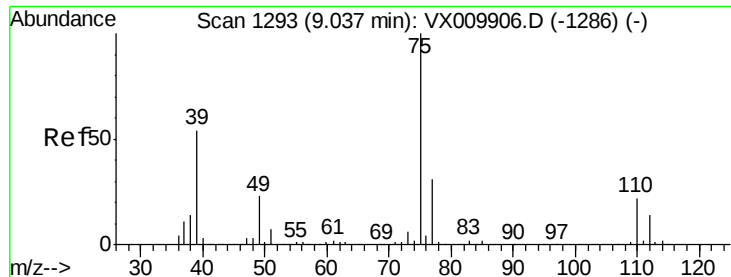
Tot Ion: 43 Resp: 979661
Ion Ratio Lower Upper
43 100
58 36.0 28.8 43.2



#52
Toluene
Concen: 50.067 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

Tgt Ion: 92 Resp: 238397
Ion Ratio Lower Upper
92 100
91 172.9 139.9 209.9

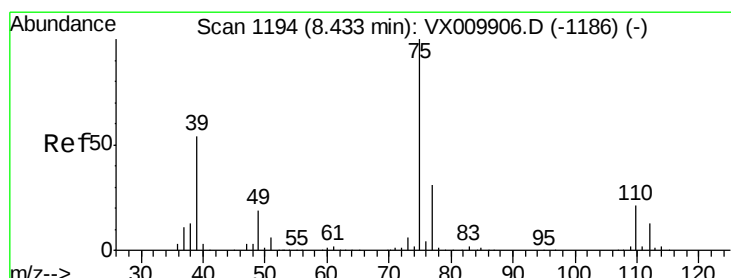
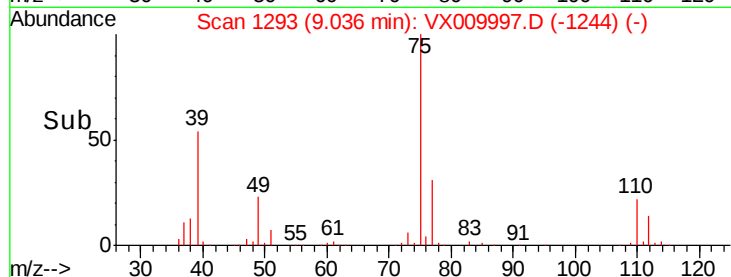
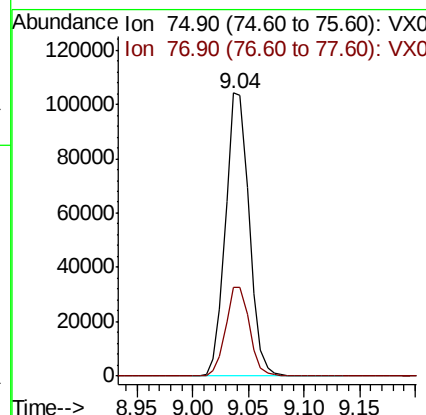
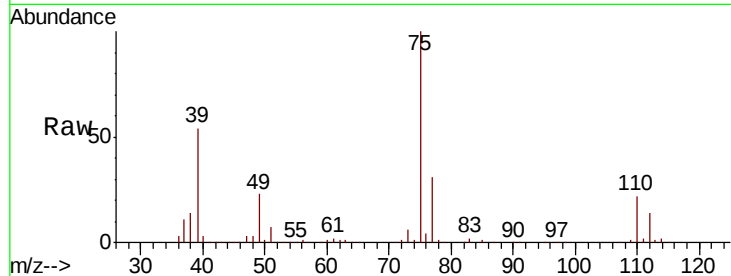




#53
t-1,3-Dichloropropene
Concen: 50.601 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

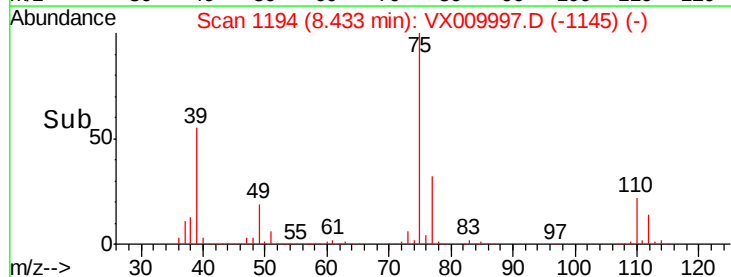
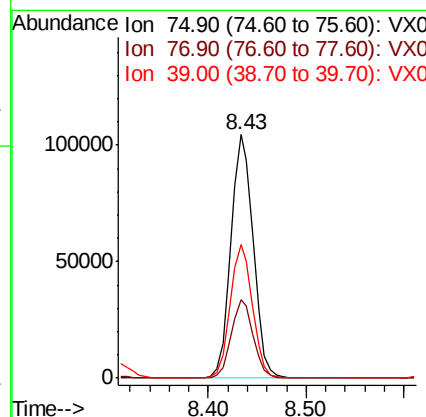
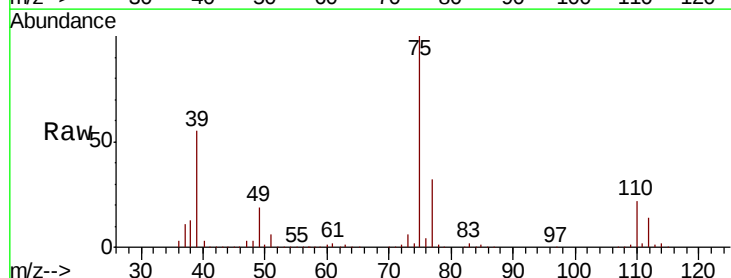
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

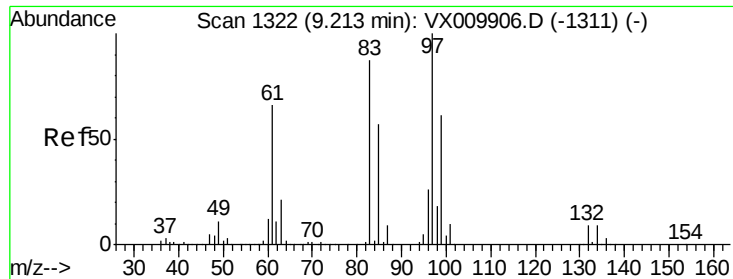
Tot Ion: 75 Resp: 153350
Ion Ratio Lower Upper
75 100
77 31.3 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 49.993 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

Tgt Ion: 75 Resp: 165074
Ion Ratio Lower Upper
75 100
77 32.0 24.8 37.2
39 54.7 43.4 65.0

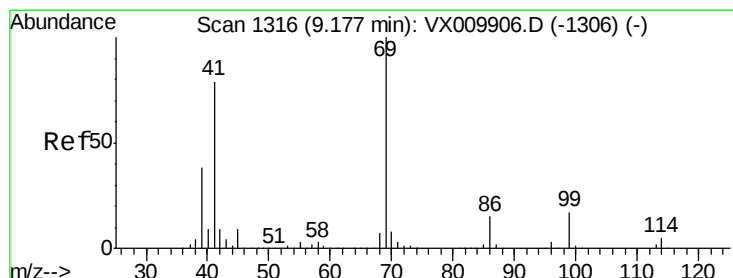
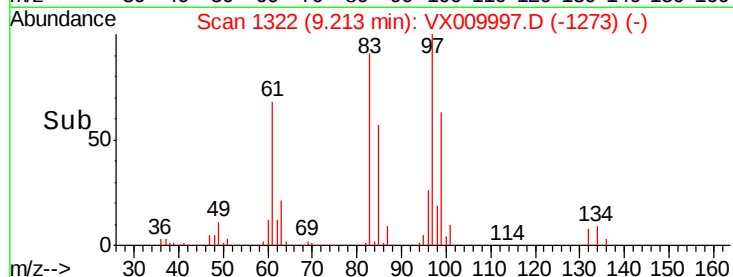
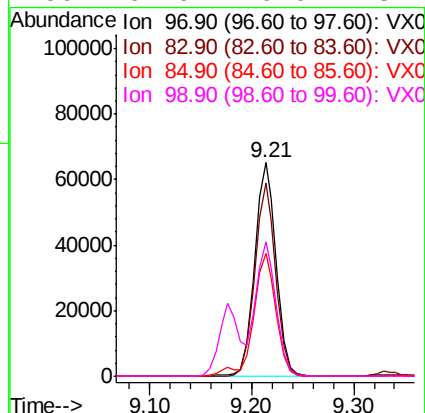
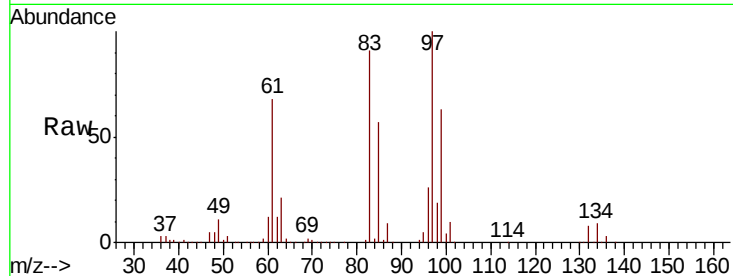




#55
 1,1,2-Trichloroethane
 Concen: 50.173 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009997.D
 Acq: 31 May 2019 19:54

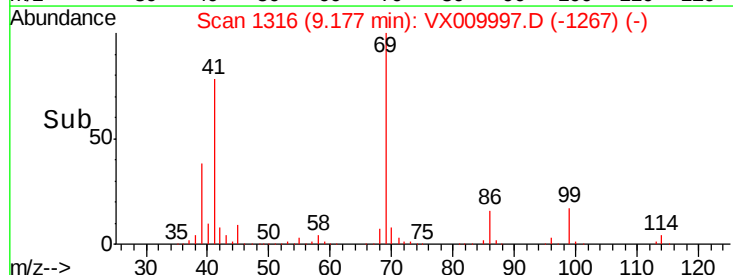
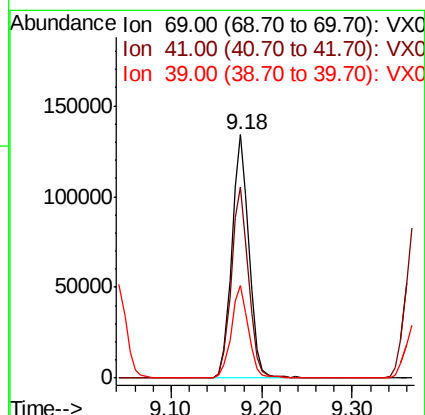
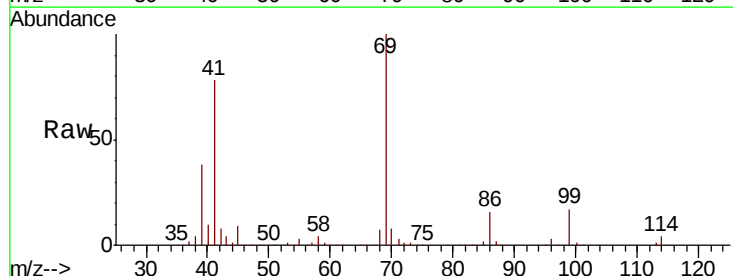
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

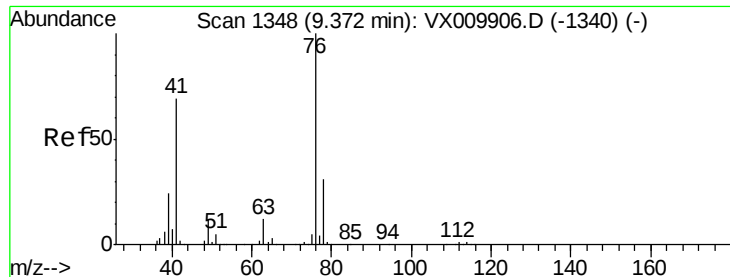
Tot Ion:	97	Resp:	96155
Ion	Ratio	Lower	Upper
97	100		
83	90.5	69.8	104.8
85	57.5	45.3	67.9
99	62.9	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 52.531 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009997.D
 Acq: 31 May 2019 19:54

Tgt Ion:	69	Resp:	179231
Ion	Ratio	Lower	Upper
69	100		
41	78.7	62.7	94.1
39	37.6	29.5	44.3

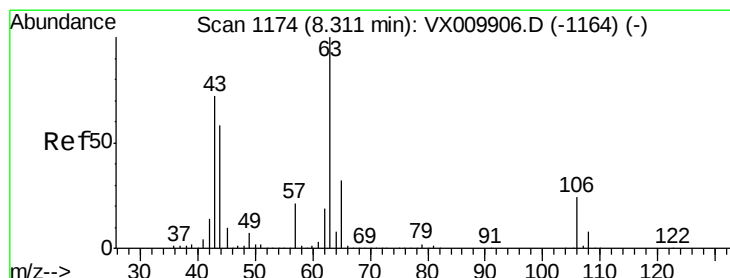
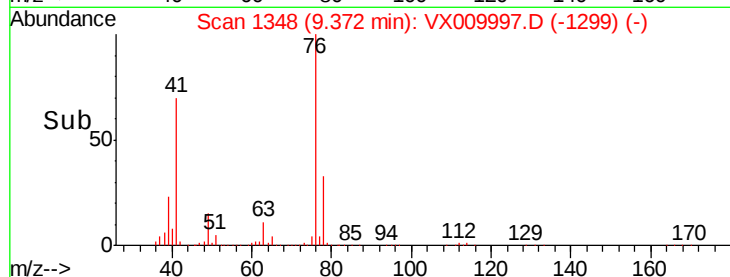
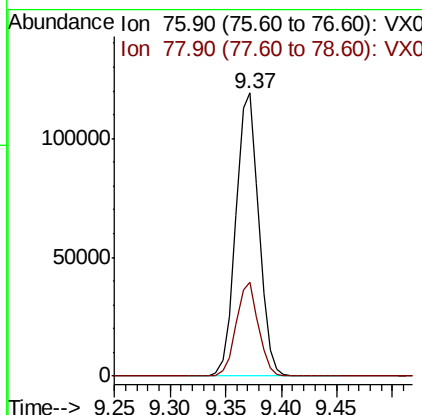
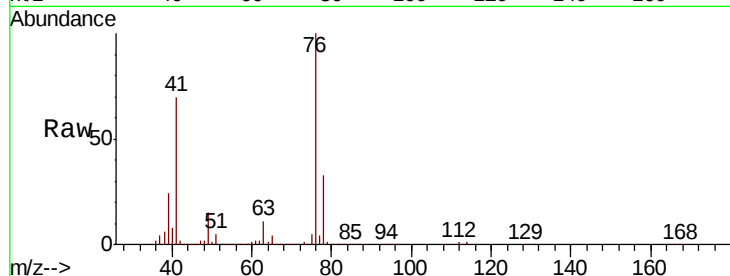




#57
 1,3-Dichloropropane
 Concen: 49.444 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX009997.D
 Acq: 31 May 2019 19:54

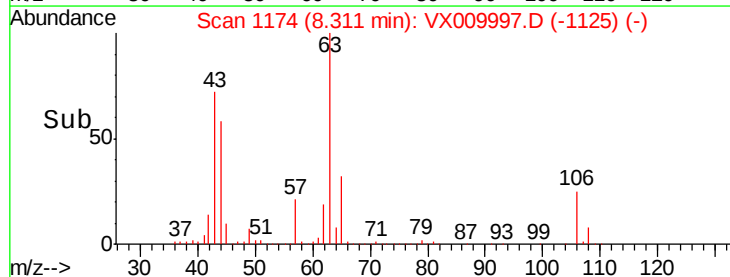
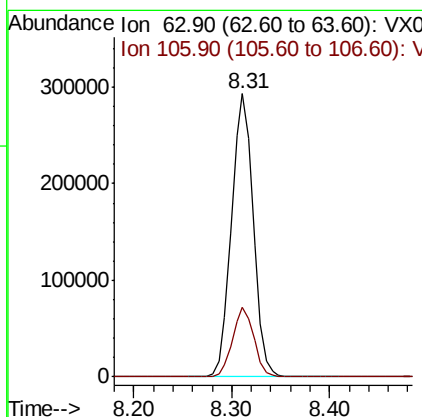
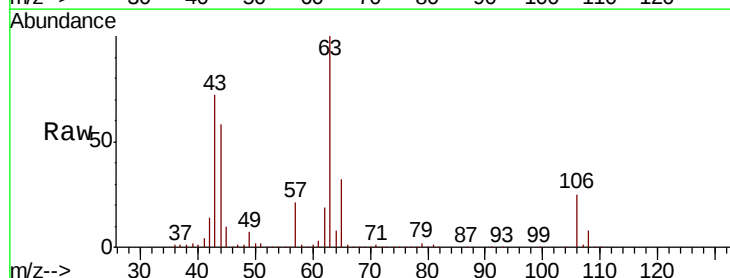
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

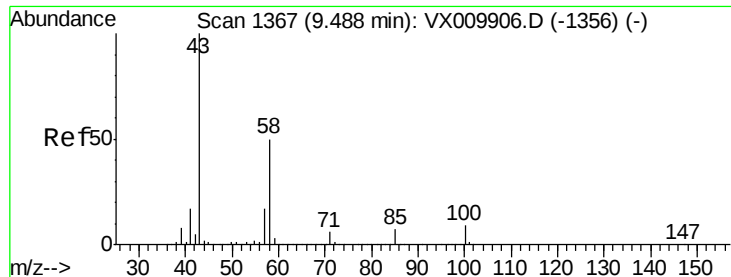
Tot Ion: 76 Resp: 170174
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 253.327 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX009997.D
 Acq: 31 May 2019 19:54

Tgt Ion: 63 Resp: 453229
 Ion Ratio Lower Upper
 63 100
 106 24.2 19.4 29.2

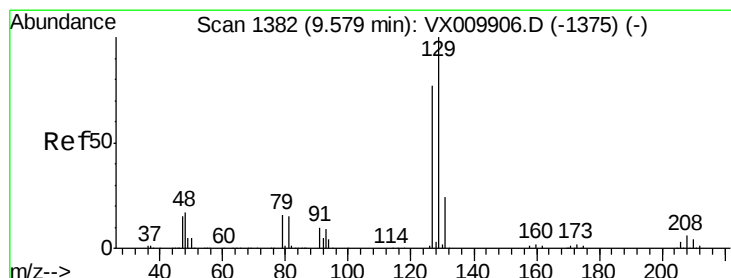
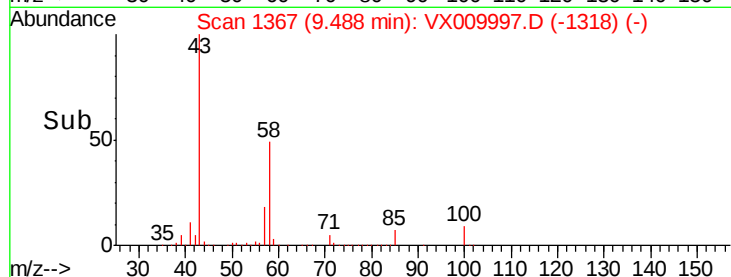
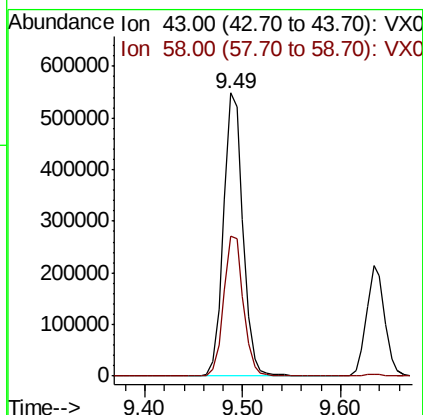
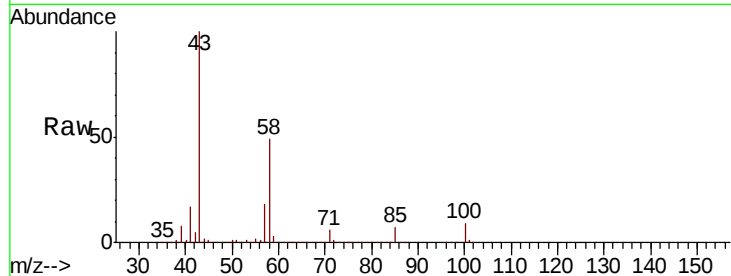




#59
2-Hexanone
Concen: 252.392 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

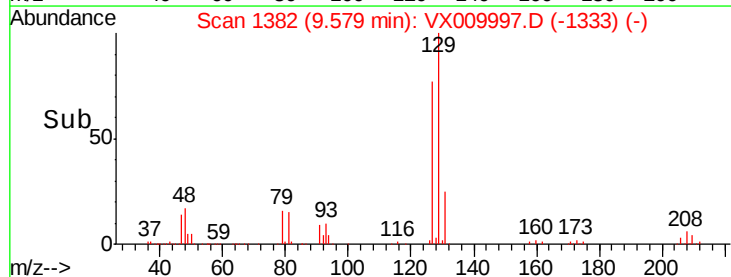
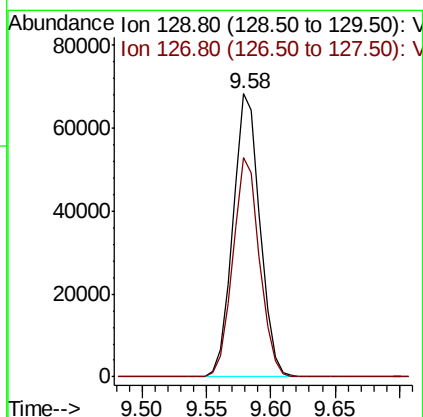
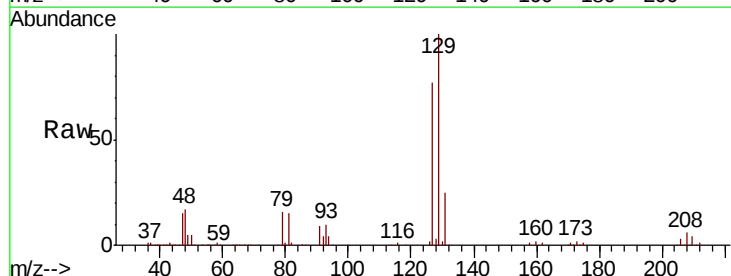
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

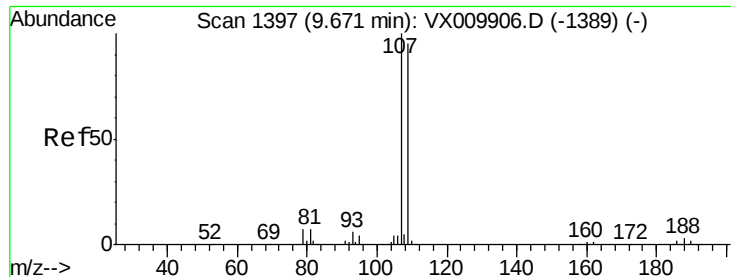
Tot Ion: 43 Resp: 751311
Ion Ratio Lower Upper
43 100
58 50.3 25.1 75.3



#60
Dibromochloromethane
Concen: 52.734 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

Tgt Ion: 129 Resp: 99415
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.5





#61

1,2-Dibromoethane

Concen: 50.130 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009997.D

Acq: 31 May 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

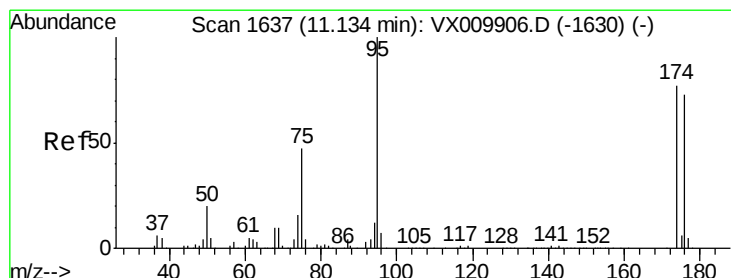
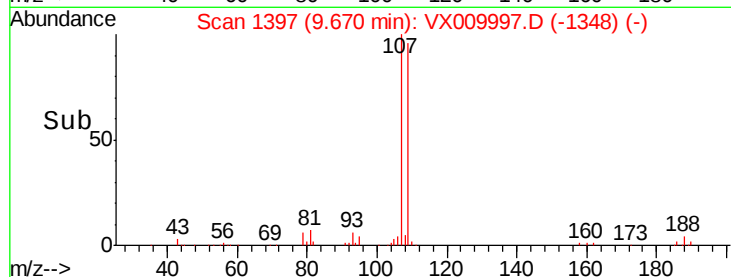
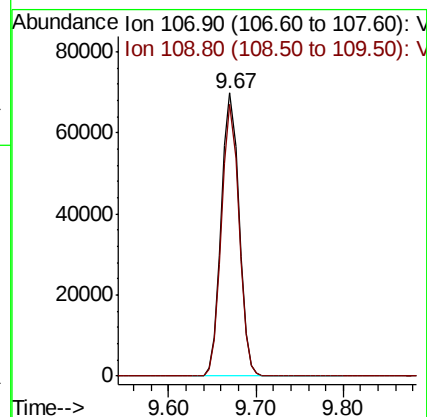
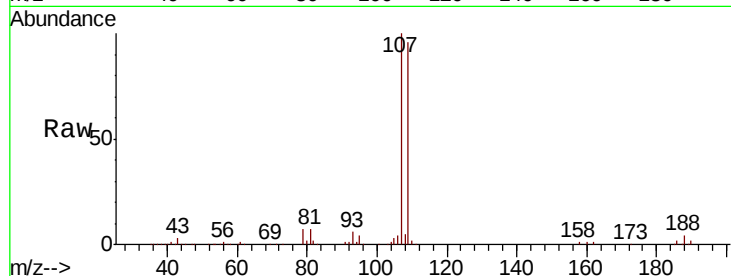
VSTDCCC050EC

Tot Ion:107 Resp: 98700

Ion Ratio Lower Upper

107 100

109 94.3 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 49.633 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009997.D

Acq: 31 May 2019 19:54

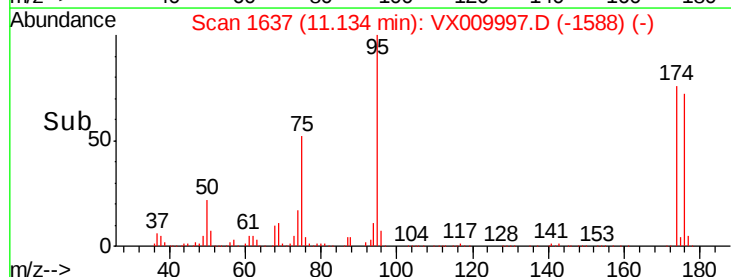
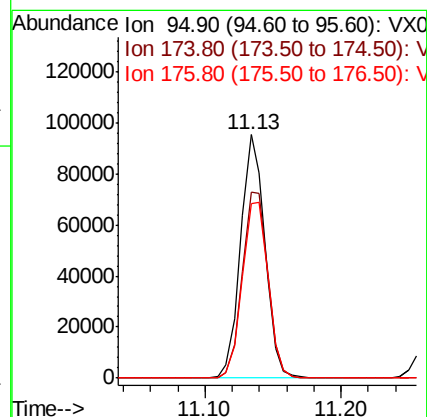
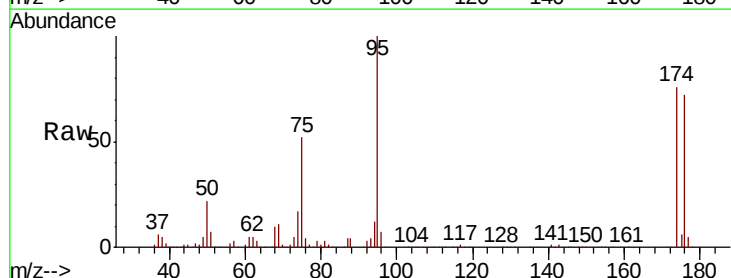
Tgt Ion: 95 Resp: 118588

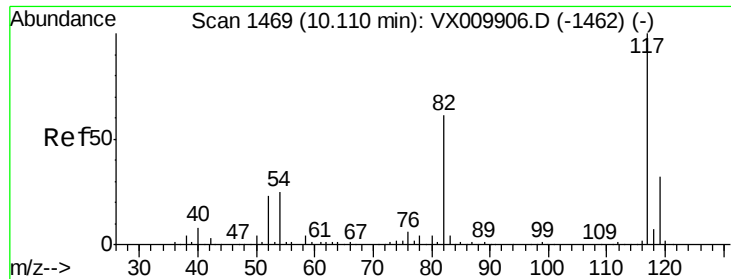
Ion Ratio Lower Upper

95 100

174 80.8 0.0 160.4

176 77.5 0.0 154.6

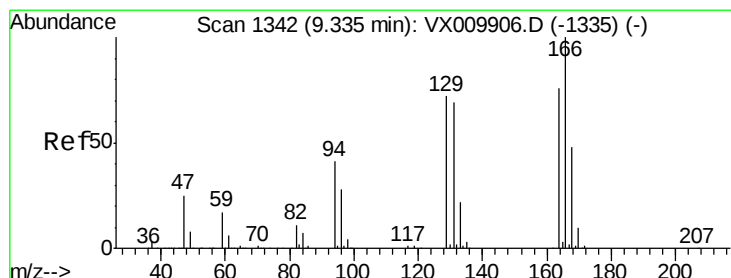
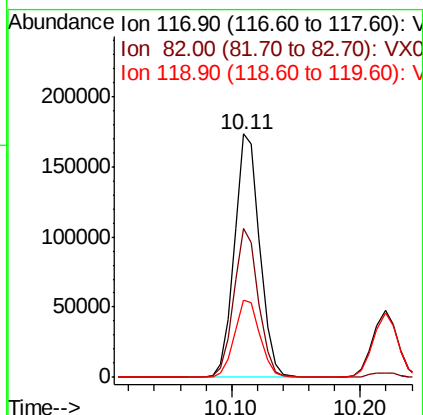
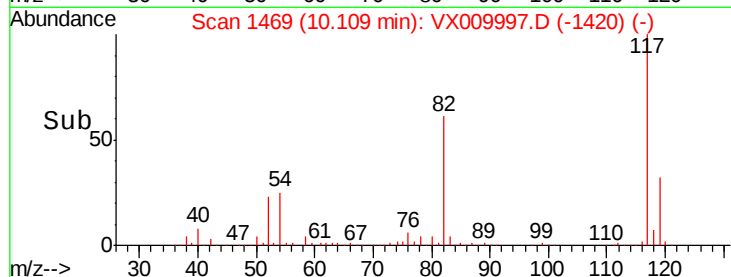
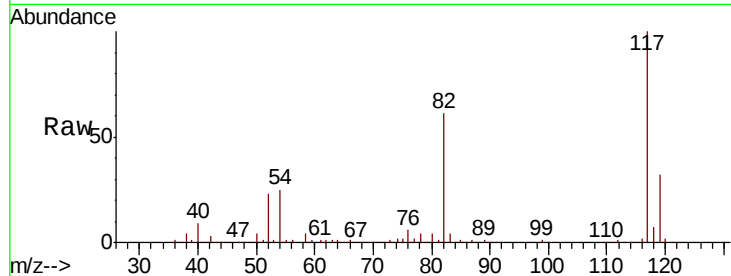




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

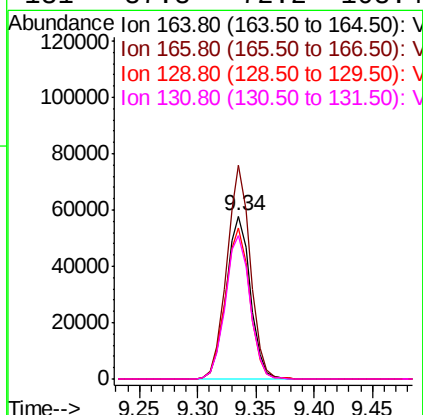
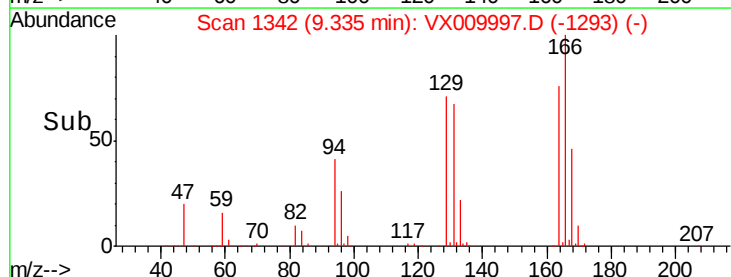
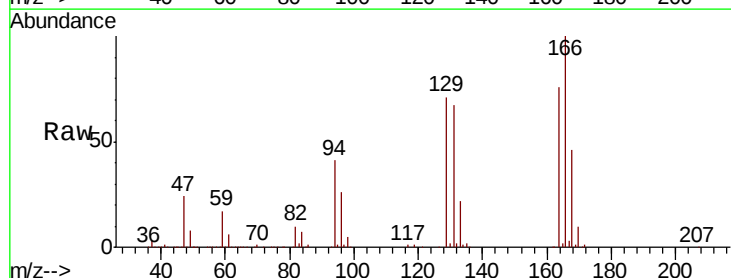
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

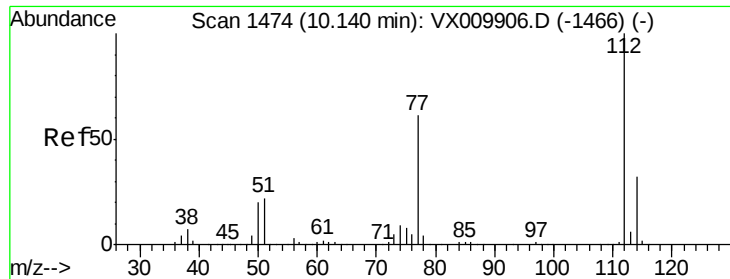
Tot Ion:117 Resp: 237153
Ion Ratio Lower Upper
117 100
82 61.0 49.2 73.8
119 31.8 25.2 37.8



#64
Tetrachloroethene
Concen: 50.146 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

Tgt Ion:164 Resp: 83068
Ion Ratio Lower Upper
164 100
166 131.0 105.0 157.4
129 92.9 75.1 112.7
131 87.8 72.2 108.4

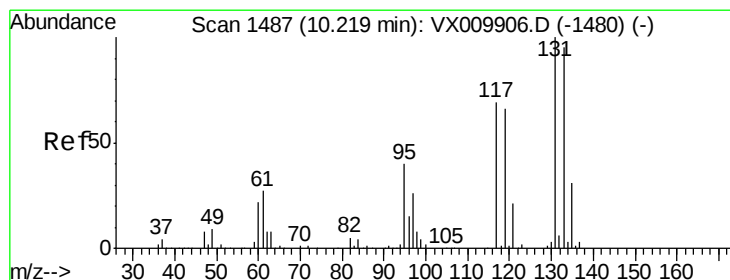
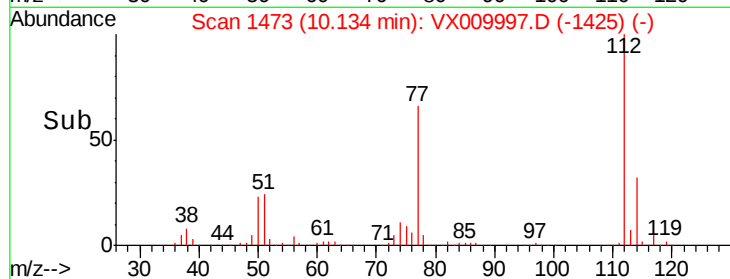
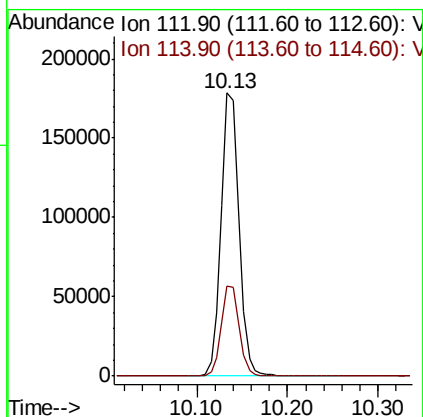
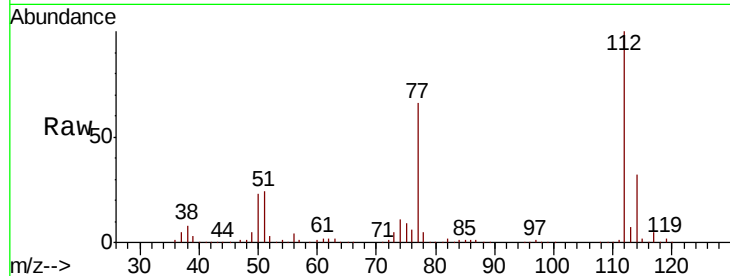




#65
Chlorobenzene
Concen: 49.929 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

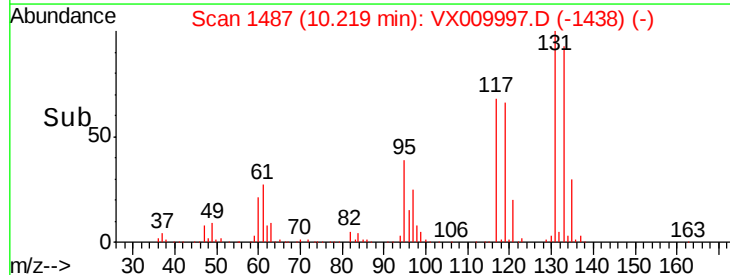
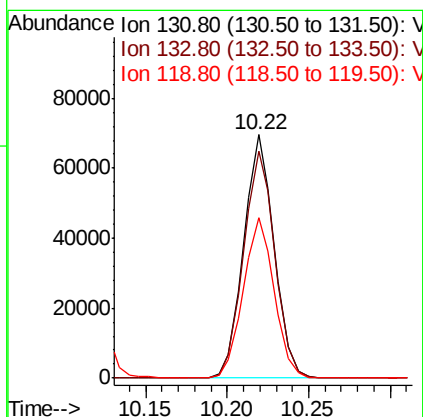
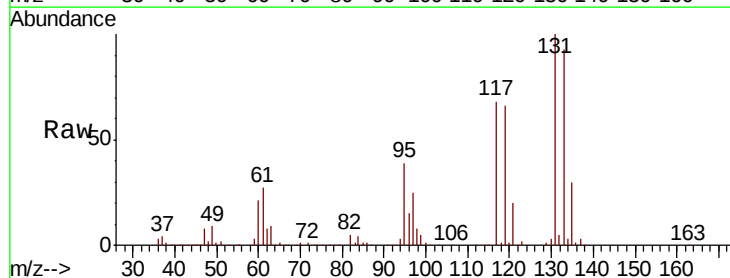
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

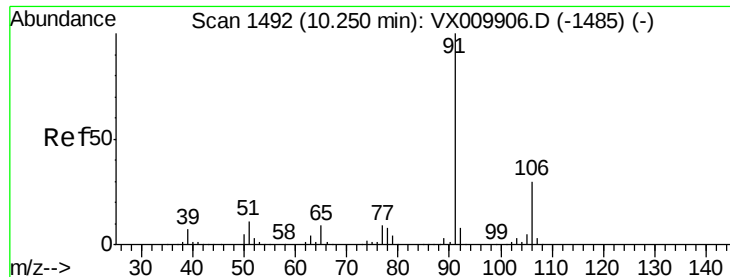
Tot Ion:112 Resp: 247887
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 52.623 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

Tgt Ion:131 Resp: 90617
Ion Ratio Lower Upper
131 100
133 95.5 47.5 142.6
119 67.1 33.4 100.1

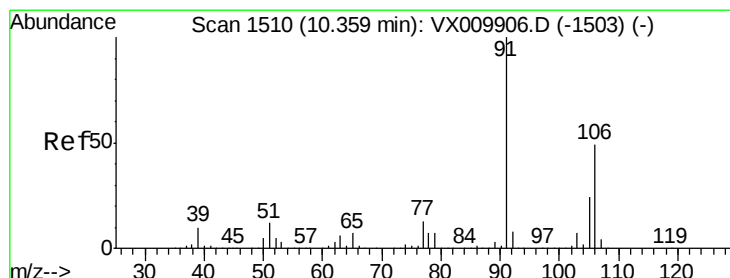
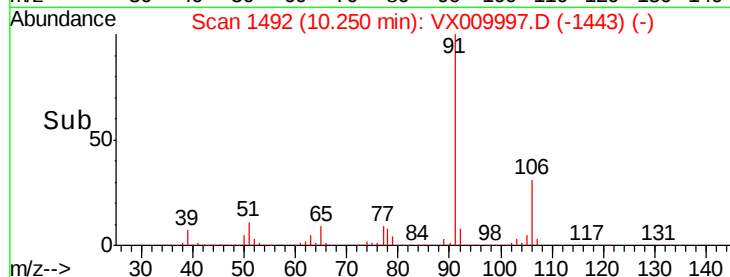
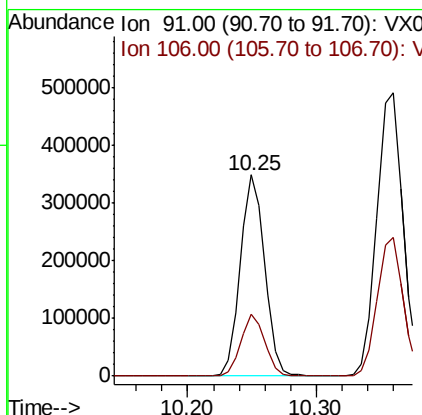
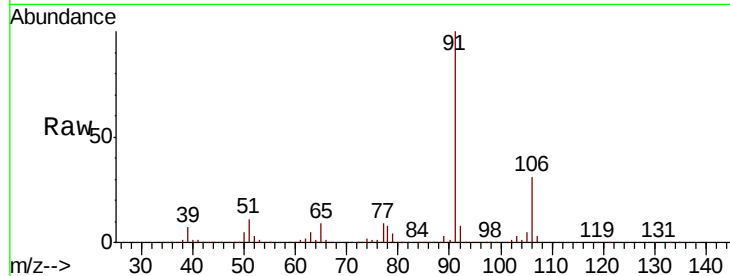




#67
Ethyl Benzene
Concen: 51.412 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

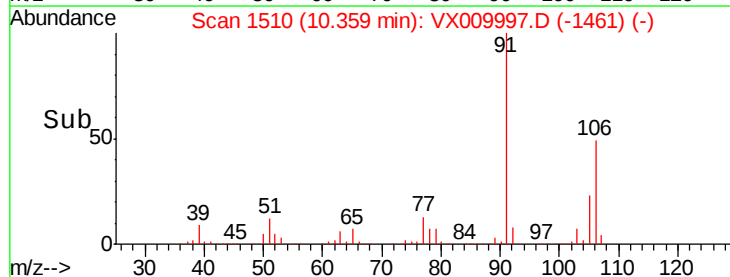
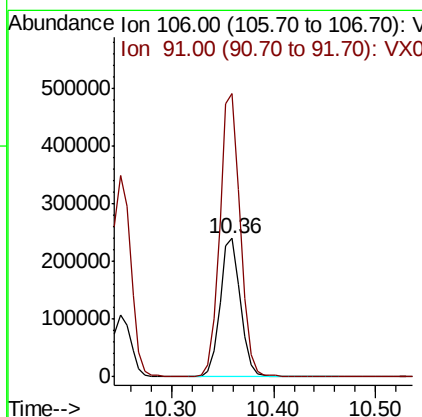
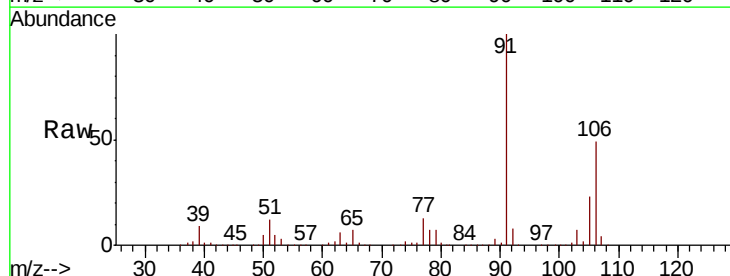
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

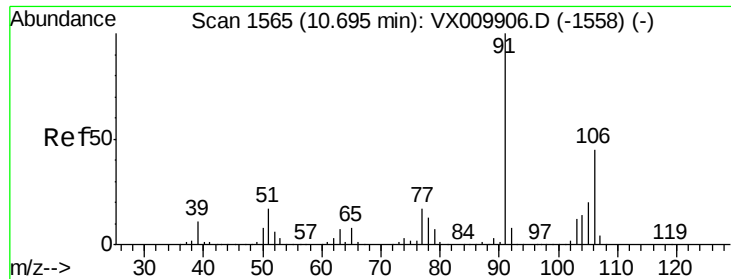
Tot Ion: 91 Resp: 458308
Ion Ratio Lower Upper
91 100
106 30.9 23.9 35.9



#68
m/p-Xylenes
Concen: 101.579 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

Tgt Ion: 106 Resp: 334530
Ion Ratio Lower Upper
106 100
91 206.9 167.3 250.9

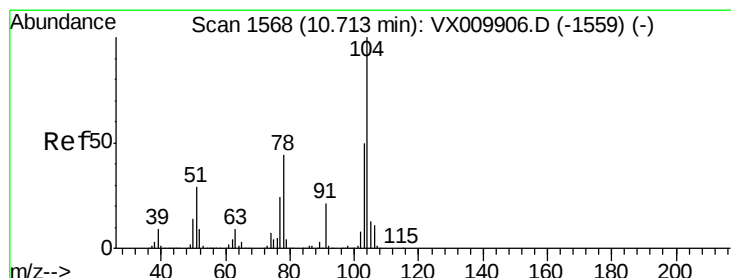
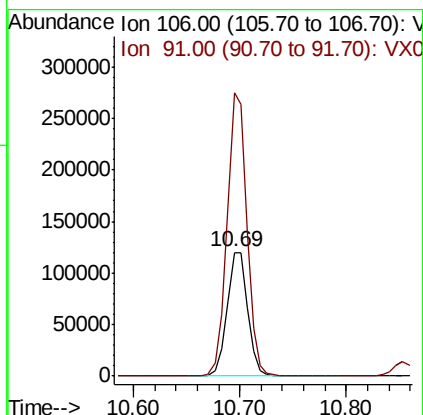
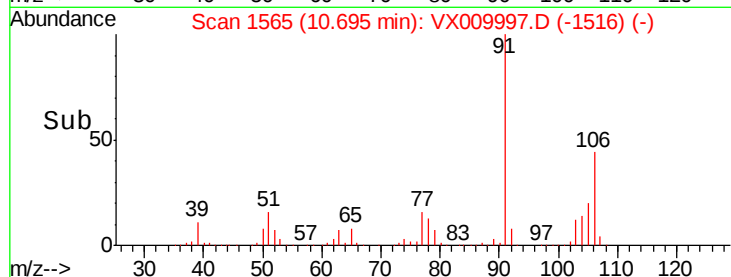
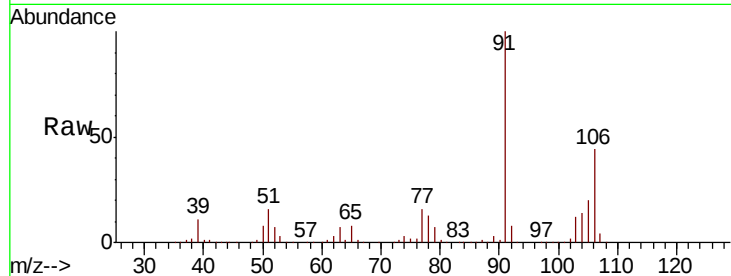




#69
o-Xylene
Concen: 51.624 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

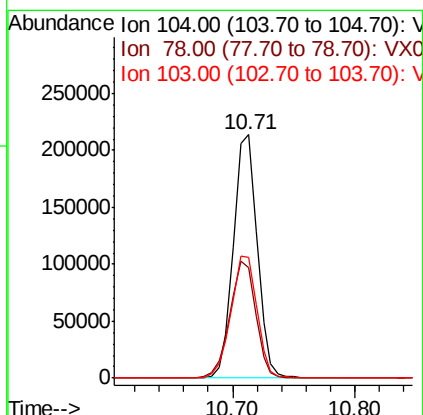
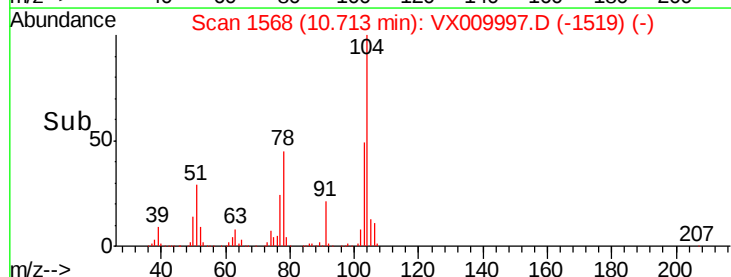
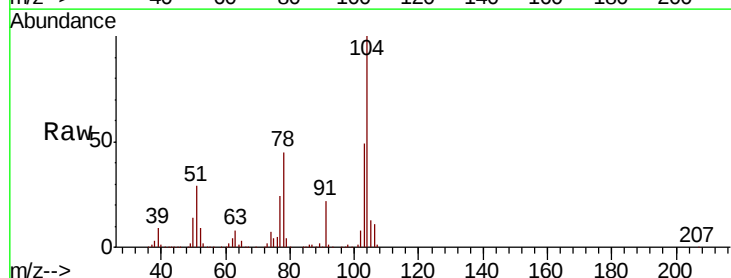
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

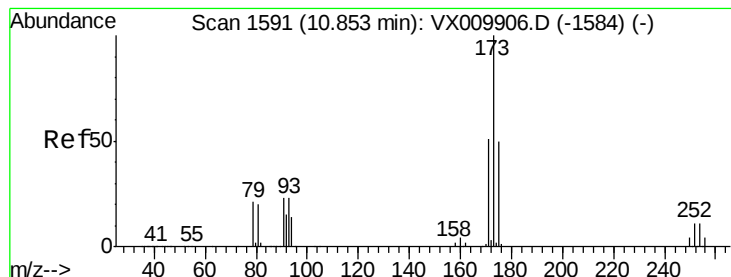
Tot Ion:106 Resp: 163051
Ion Ratio Lower Upper
106 100
91 220.8 110.4 331.2



#70
Styrene
Concen: 51.697 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

Tgt Ion:104 Resp: 286316
Ion Ratio Lower Upper
104 100
78 52.3 42.1 63.1
103 55.2 44.1 66.1





#71

Bromoform

Concen: 54.393 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX009997.D

Acq: 31 May 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

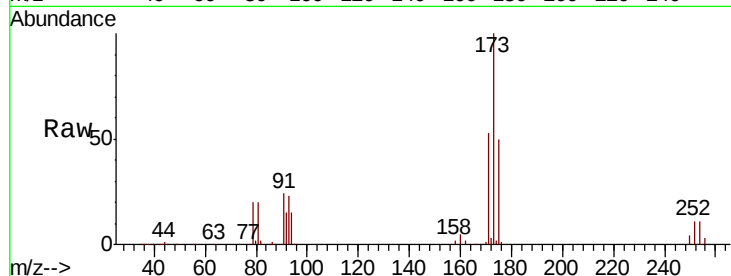
Tot Ion:173 Resp: 76562

Ion Ratio Lower Upper

173 100

175 49.1 25.0 75.0

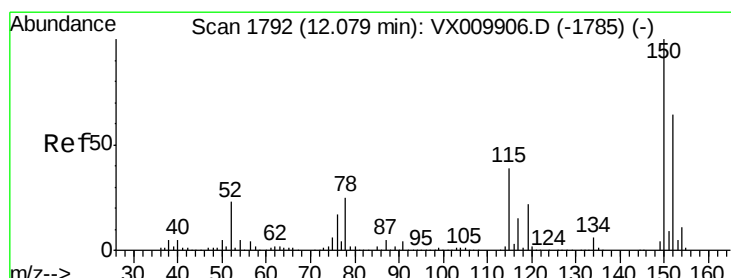
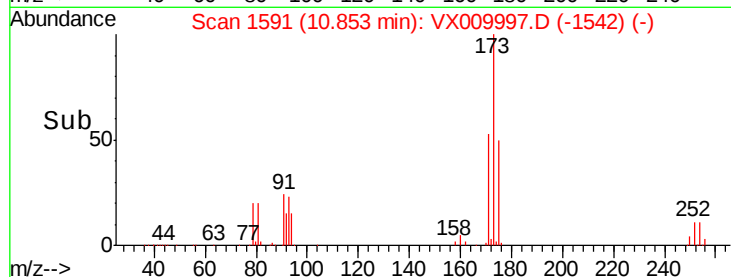
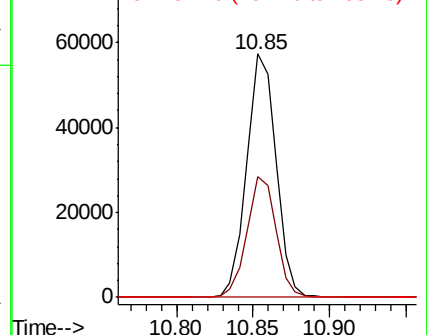
254 0.1 0.2 0.2#



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: VX009997.D

Acq: 31 May 2019 19:54

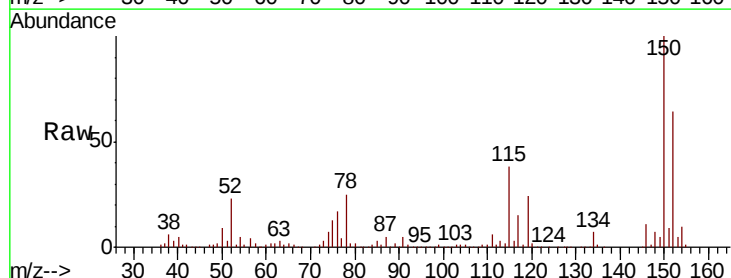
Tgt Ion:152 Resp: 114348

Ion Ratio Lower Upper

152 100

115 83.7 41.4 124.2

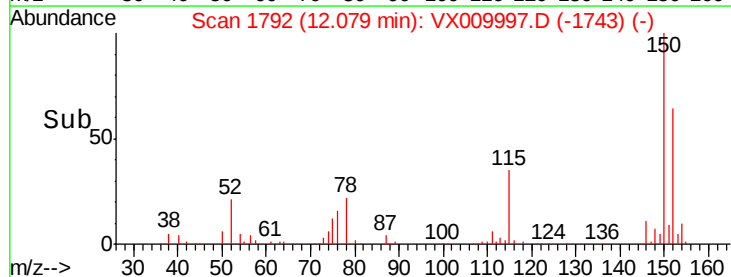
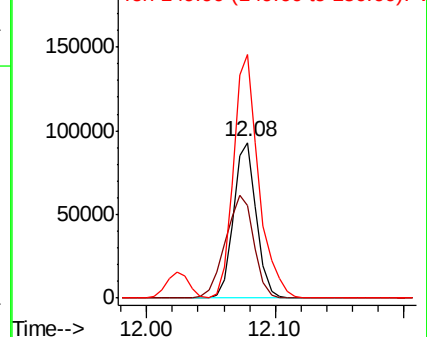
150 173.6 0.0 345.2

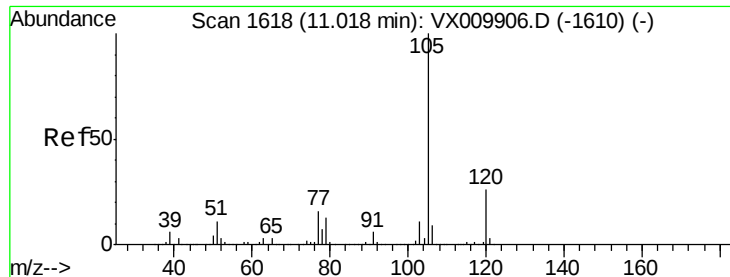


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.768 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009997.D

Acq: 31 May 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

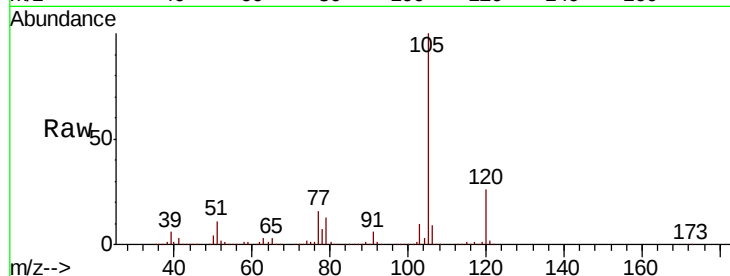
VSTDCCC050EC

Tot Ion:105 Resp: 436756

Ion Ratio Lower Upper

105 100

120 25.7 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

300000

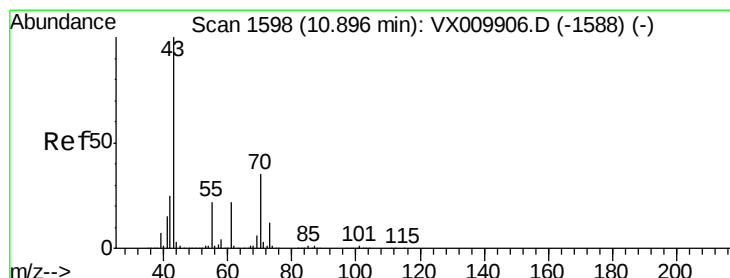
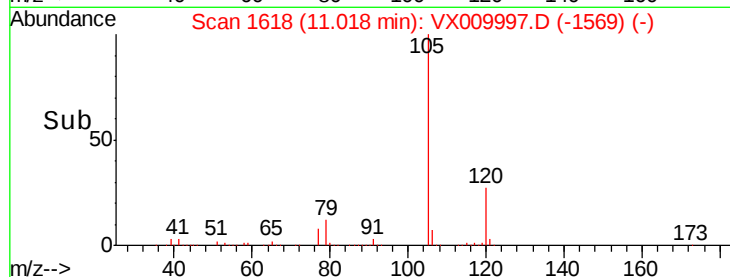
200000

100000

0

Time-->

11.00 11.10



#74

N-ethyl acetate

Concen: 52.689 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009997.D

Acq: 31 May 2019 19:54

Tgt Ion: 43 Resp: 265632

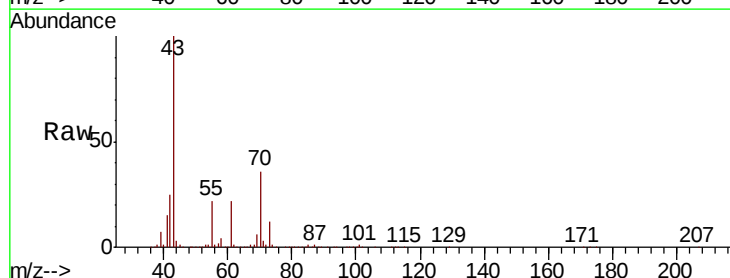
Ion Ratio Lower Upper

43 100

70 35.7 28.6 43.0

55 21.8 17.8 26.8

61 21.8 17.7 26.5



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

300000

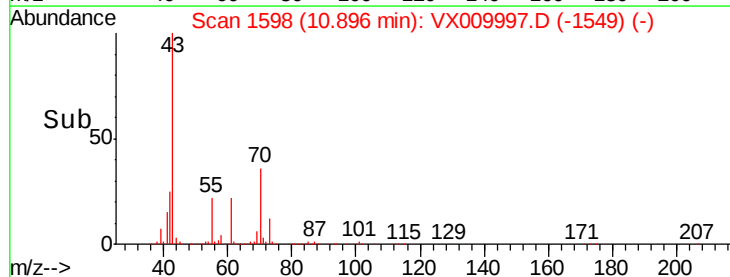
200000

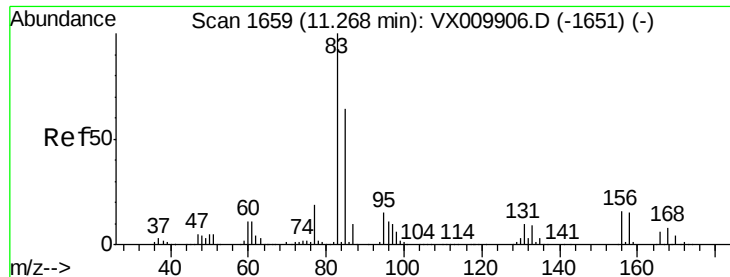
100000

0

Time-->

10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 51.378 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009997.D

Acq: 31 May 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

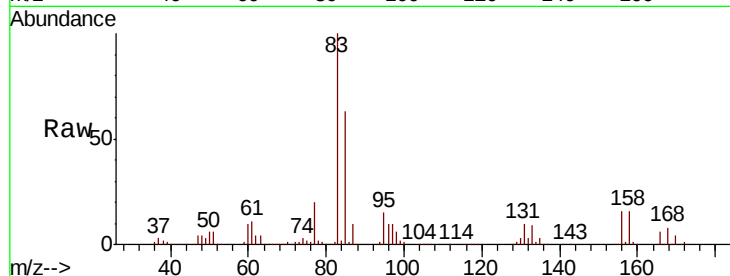
Tot Ion: 83 Resp: 161714

Ion Ratio Lower Upper

83 100

131 9.3 4.7 14.1

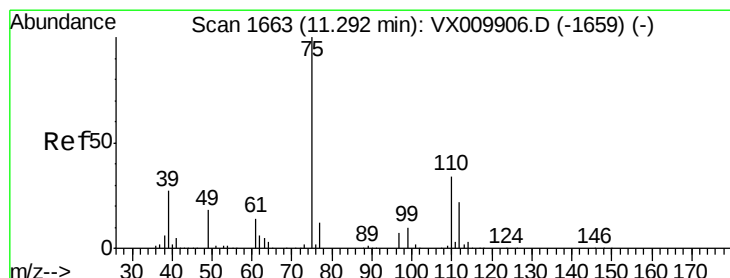
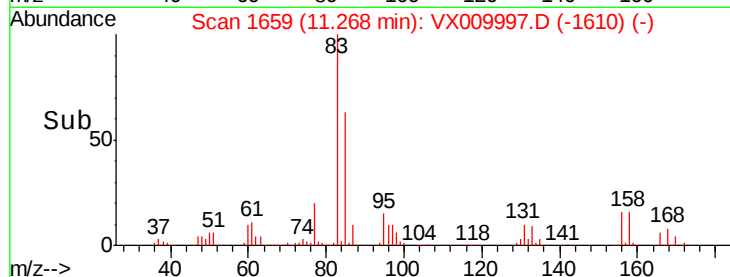
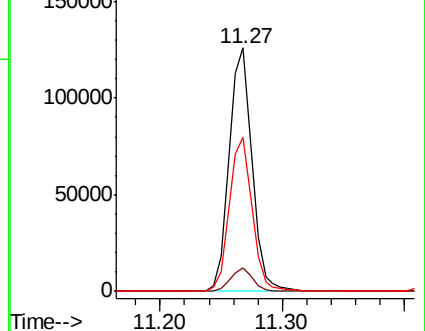
85 63.4 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 69.912 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX009997.D

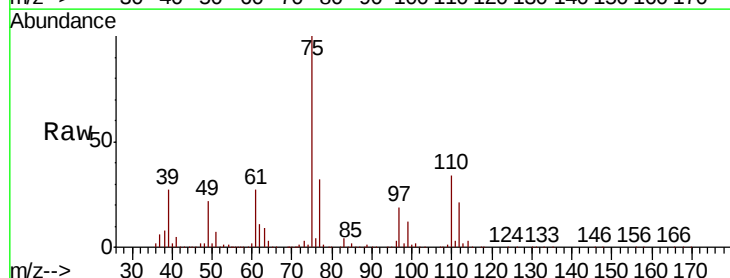
Acq: 31 May 2019 19:54

Tgt Ion: 75 Resp: 191170

Ion Ratio Lower Upper

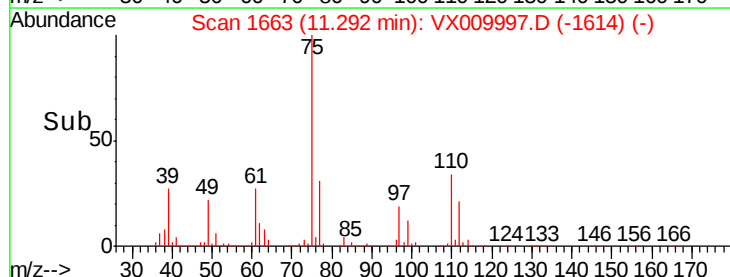
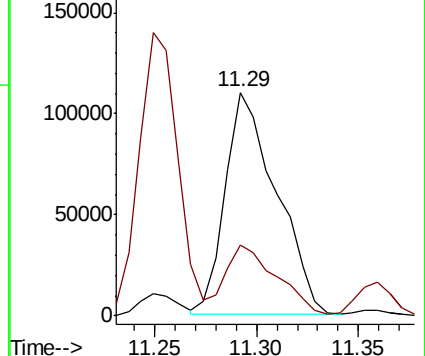
75 100

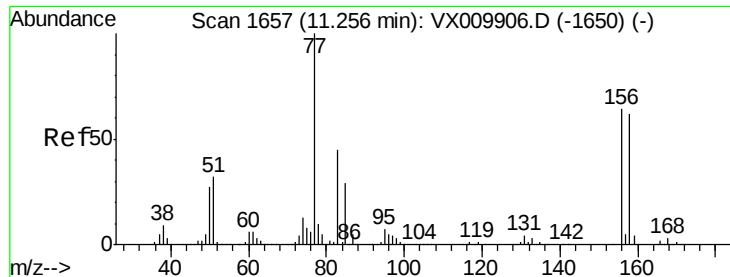
77 32.5 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.050 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009997.D

Acq: 31 May 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

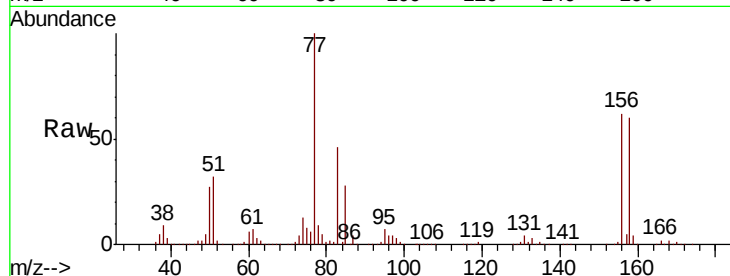
Tot Ion:156 Resp: 107611

Ion Ratio Lower Upper

156 100

77 171.7 86.8 260.3

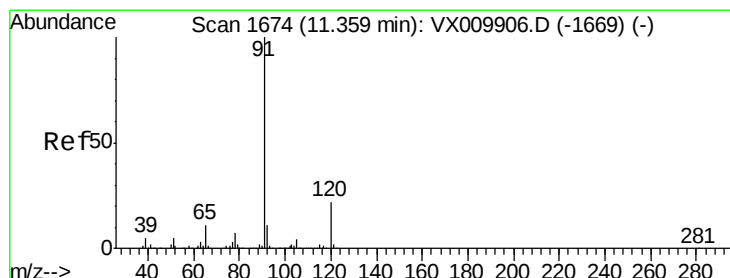
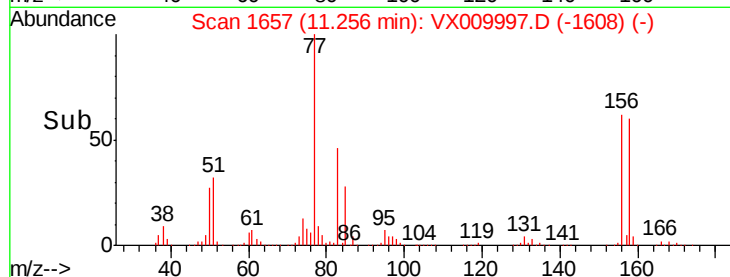
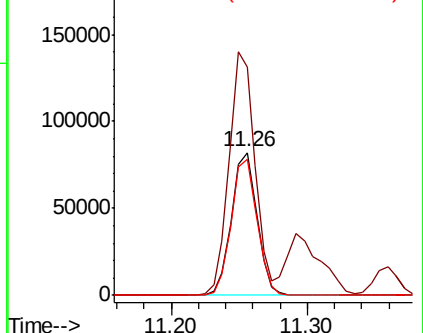
158 96.6 49.6 148.8



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: 51.965 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009997.D

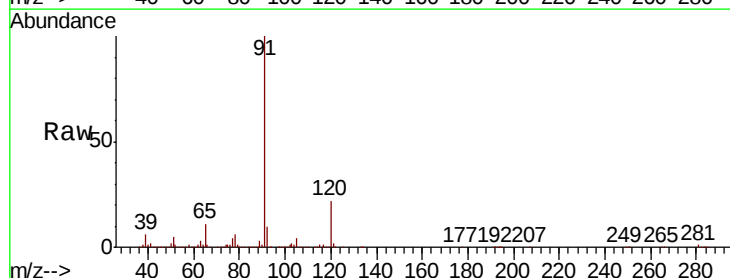
Acq: 31 May 2019 19:54

Tgt Ion: 91 Resp: 505352

Ion Ratio Lower Upper

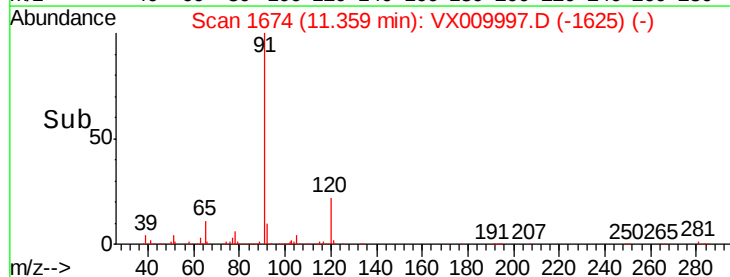
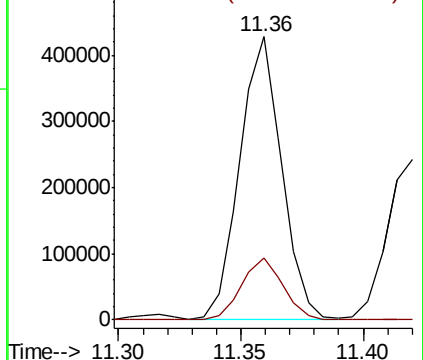
91 100

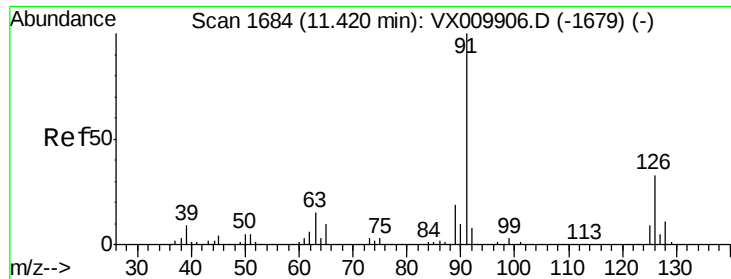
120 21.9 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

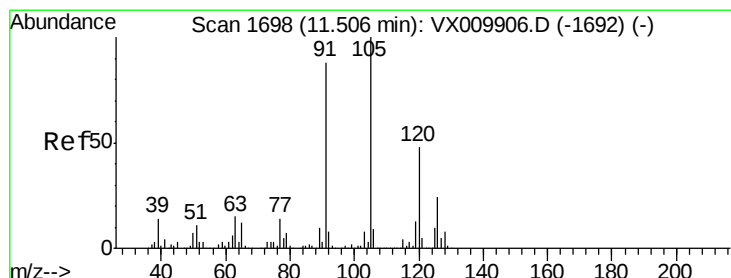
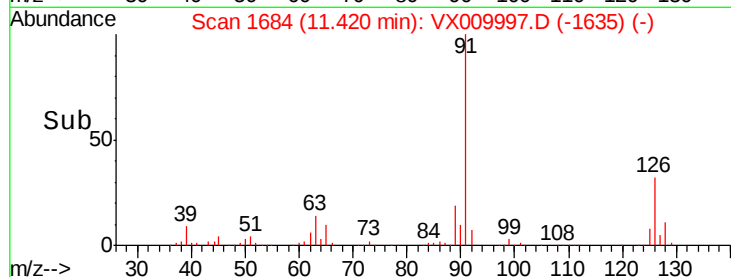
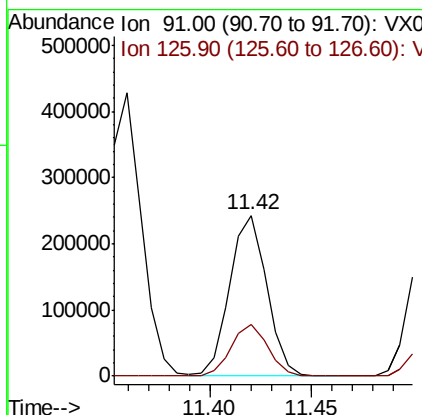
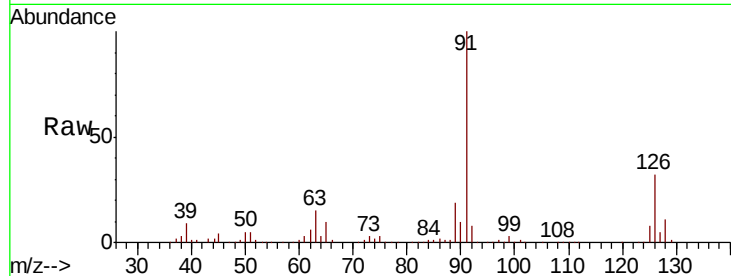




#79
 2-Chlorotoluene
 Concen: 51.257 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX009997.D
 Acq: 31 May 2019 19:54

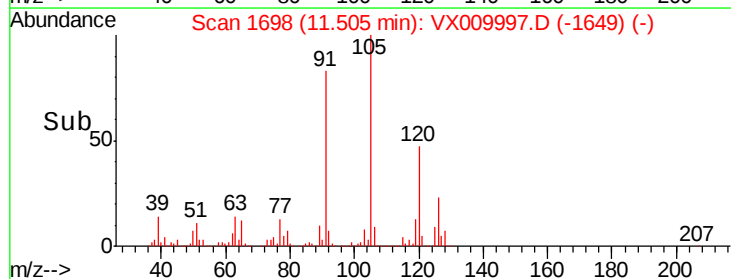
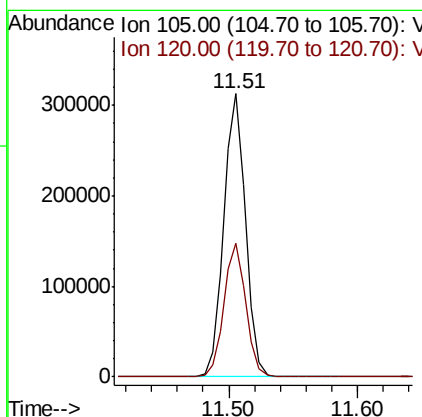
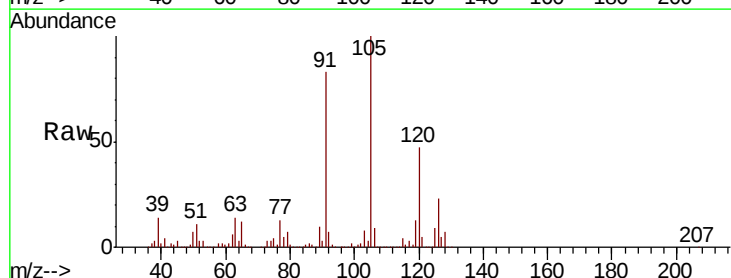
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

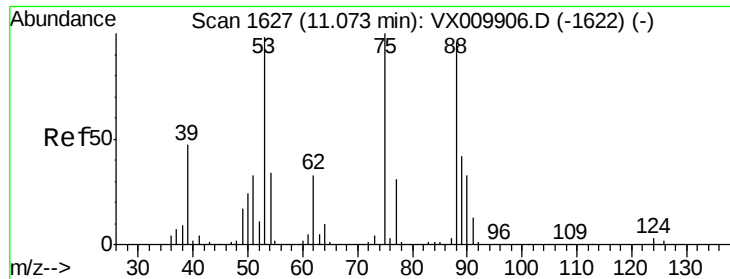
Tot Ion: 91 Resp: 304546
 Ion Ratio Lower Upper
 91 100
 126 32.0 16.1 48.3



#80
 1,3,5-Trimethylbenzene
 Concen: 52.471 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX009997.D
 Acq: 31 May 2019 19:54

Tgt Ion: 105 Resp: 372951
 Ion Ratio Lower Upper
 105 100
 120 47.5 24.1 72.3

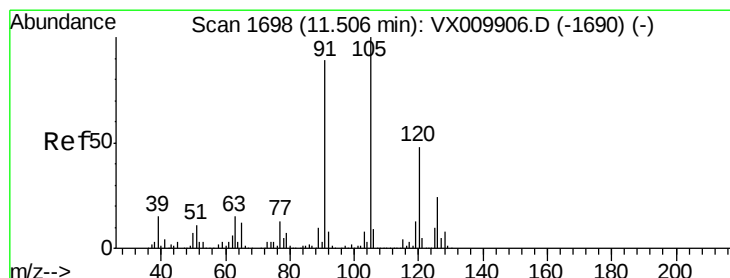
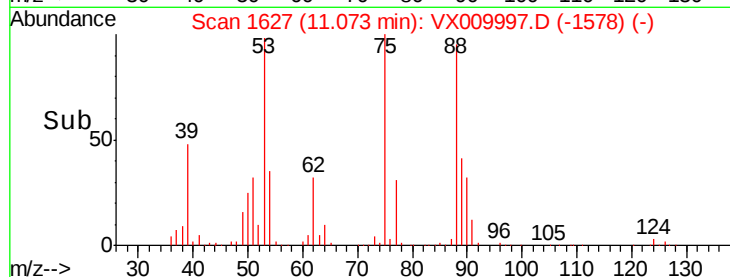
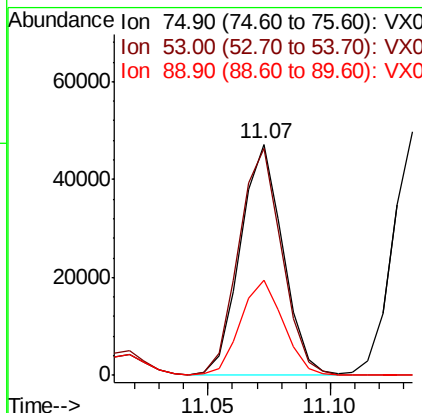
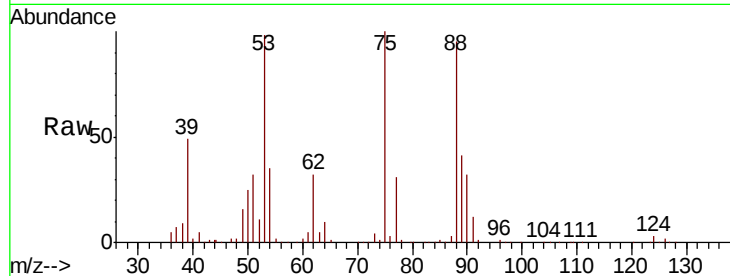




#81
trans-1,4-Dichloro-2-butene
Concen: 51.159 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

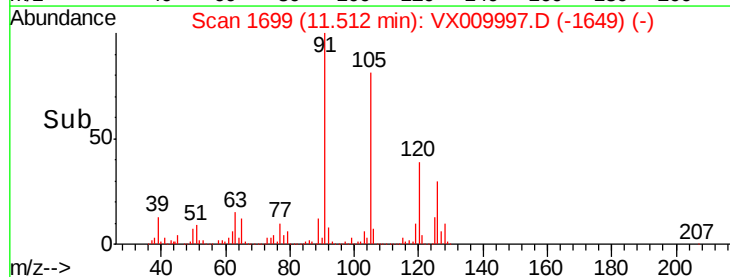
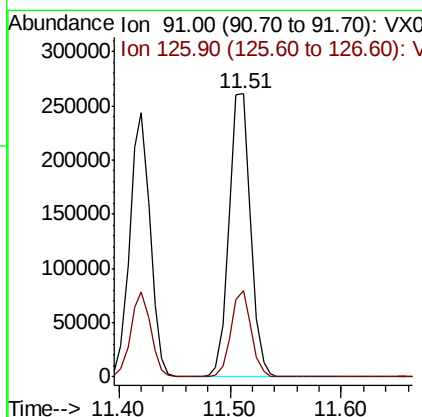
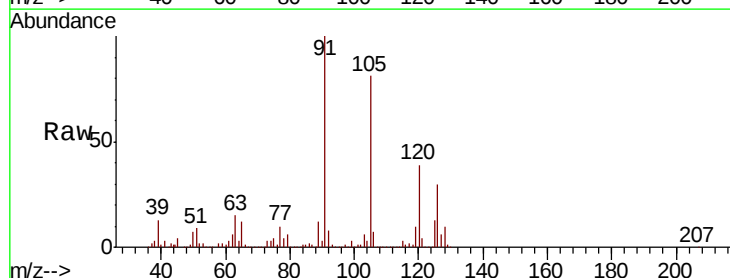
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

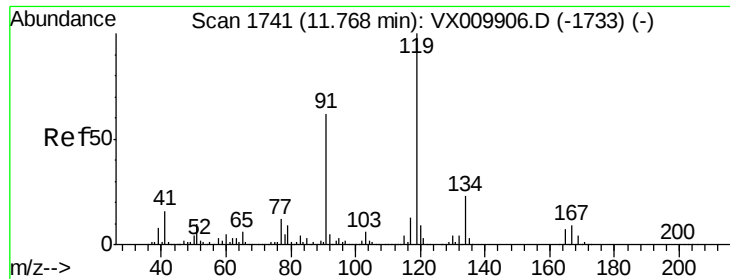
Tot Ion: 75 Resp: 56540
Ion Ratio Lower Upper
75 100
53 100.2 79.8 119.6
89 41.8 34.2 51.4



#82
4-Chlorotoluene
Concen: 50.432 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.01 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

Tgt Ion: 91 Resp: 348820
Ion Ratio Lower Upper
91 100
126 28.5 14.2 42.6

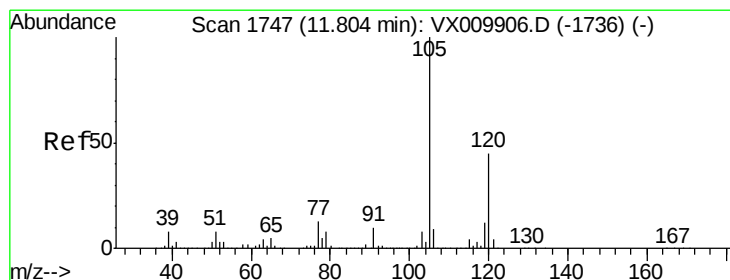
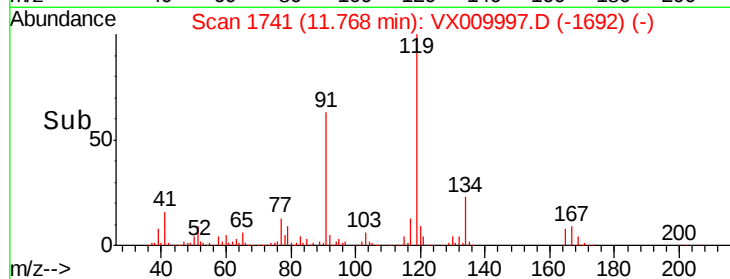
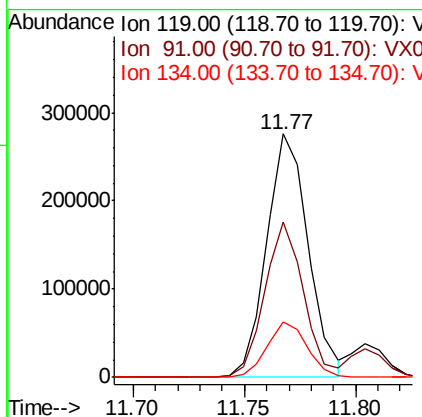
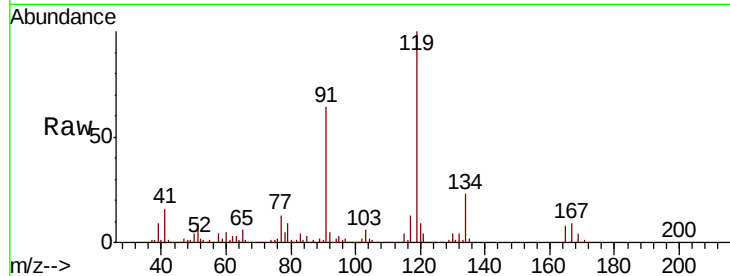




#83
tert-Butylbenzene
Concen: 52.575 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

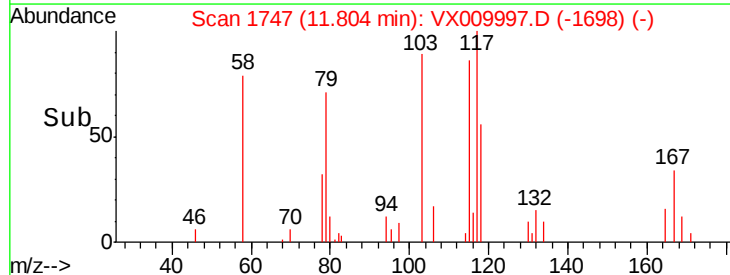
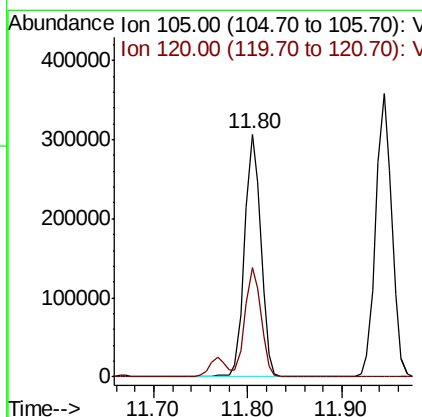
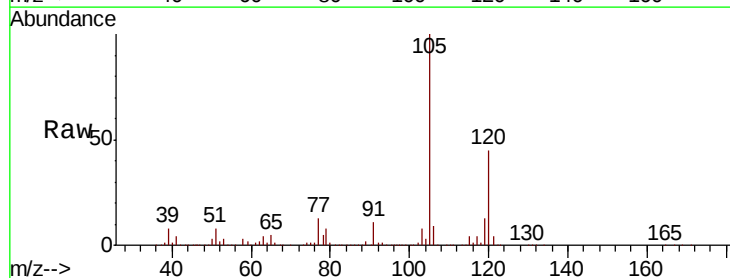
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

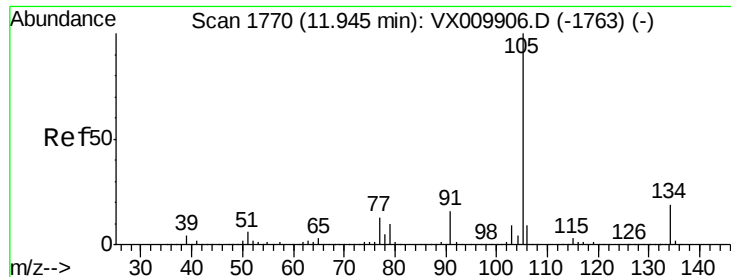
Tot Ion:119 Resp: 357514
Ion Ratio Lower Upper
119 100
91 59.5 30.0 90.0
134 22.0 11.2 33.5



#84
1,2,4-Trimethylbenzene
Concen: 51.303 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

Tgt Ion:105 Resp: 370318
Ion Ratio Lower Upper
105 100
120 43.9 22.1 66.1

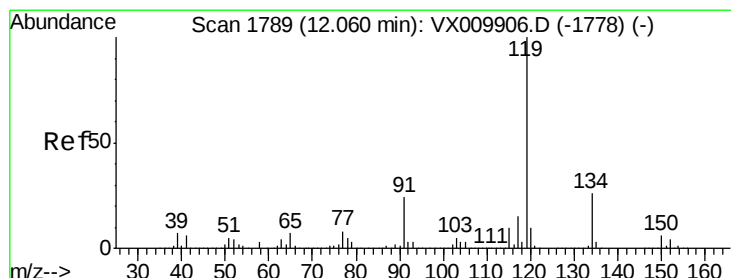
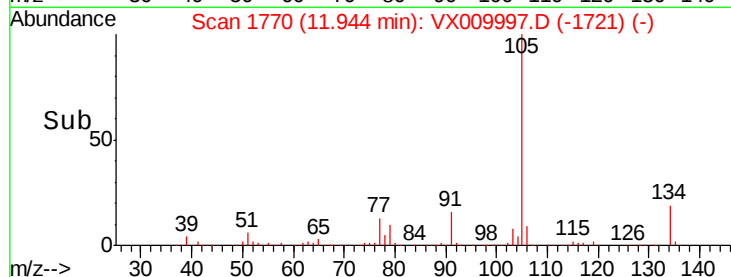
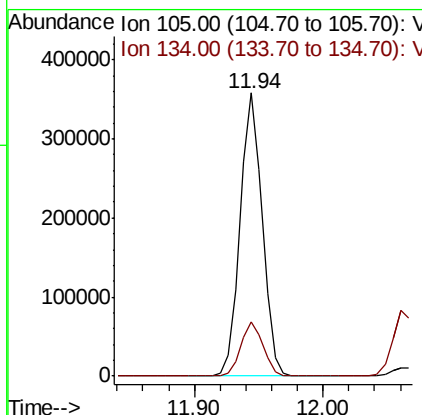
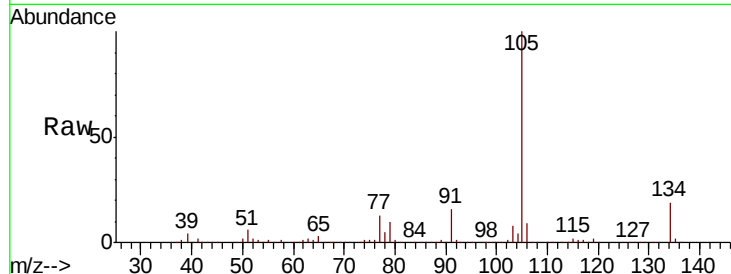




#85
 sec-Butylbenzene
 Concen: 52.524 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX009997.D
 Acq: 31 May 2019 19:54

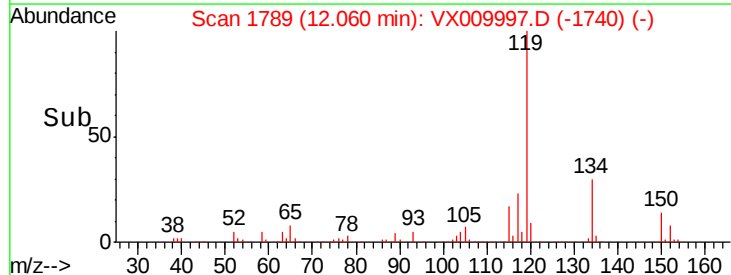
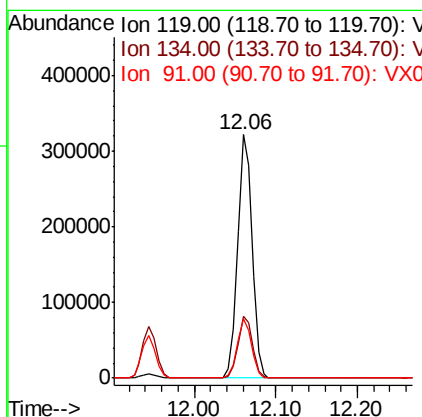
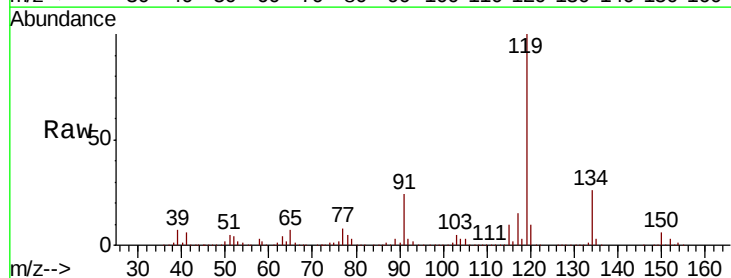
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

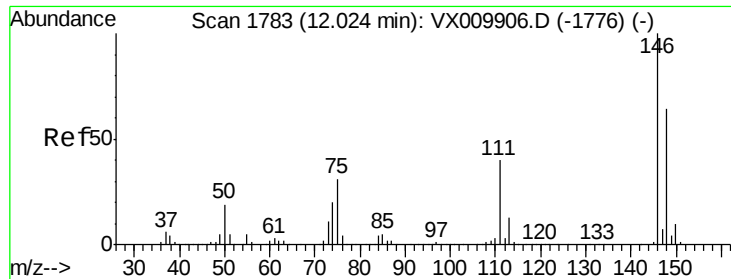
Tot Ion:105 Resp: 424909
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 53.053 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX009997.D
 Acq: 31 May 2019 19:54

Tgt Ion:119 Resp: 386044
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.9 38.6
 91 23.9 11.9 35.9

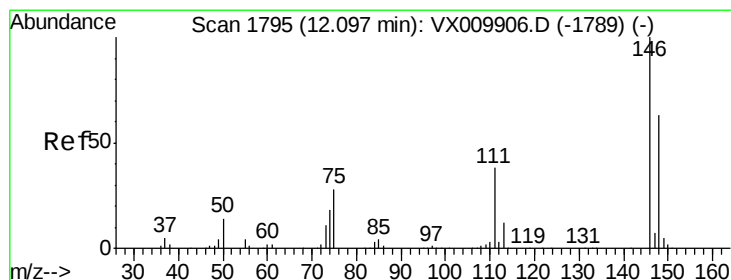
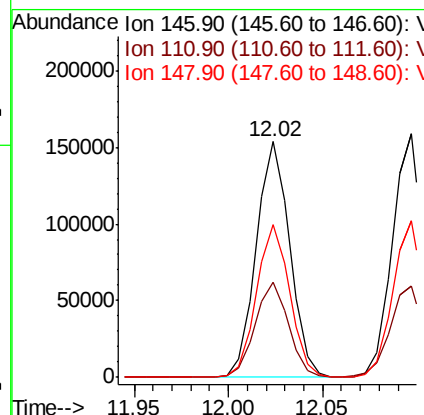
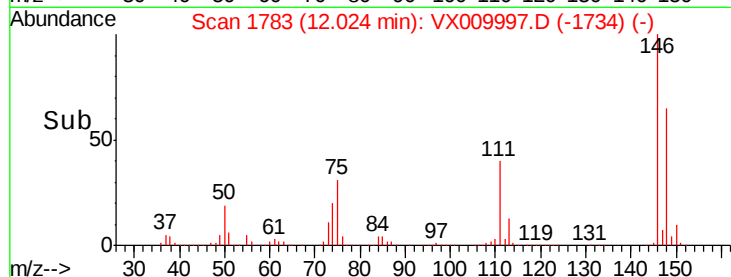
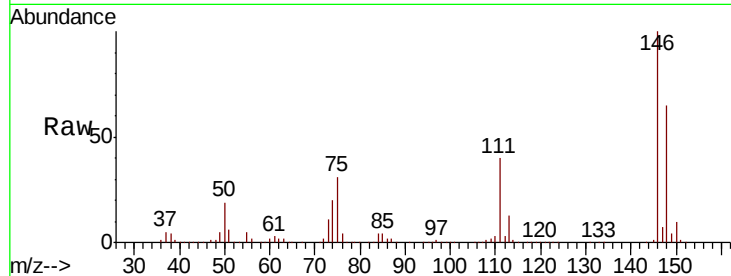




#87
 1,3-Dichlorobenzene
 Concen: 49.496 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009997.D
 Acq: 31 May 2019 19:54

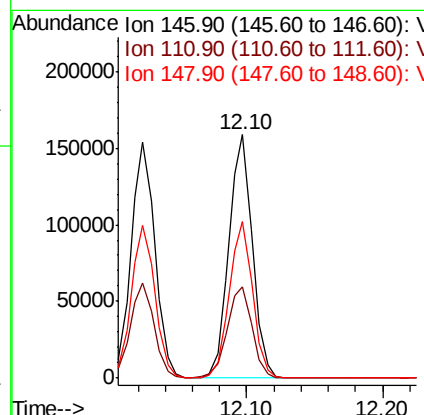
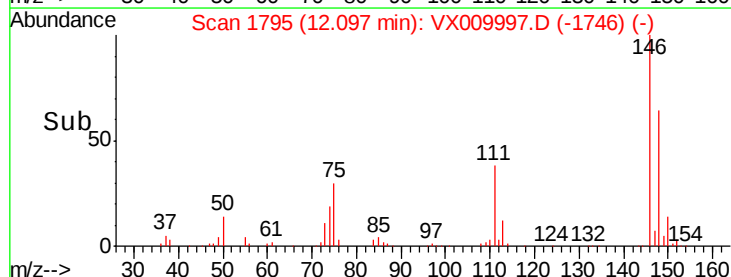
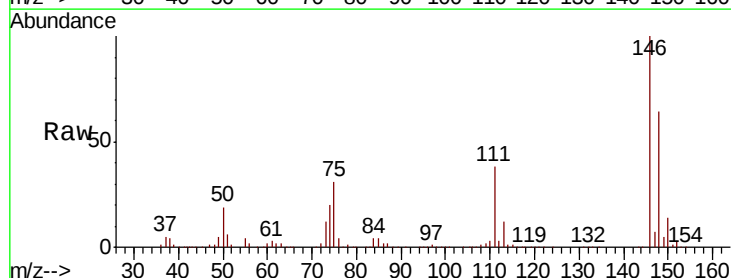
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

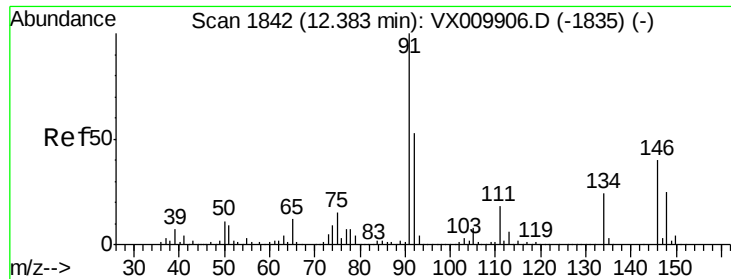
Tot Ion:146 Resp: 189465
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.1 60.2
 148 64.1 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 48.518 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009997.D
 Acq: 31 May 2019 19:54

Tgt Ion:146 Resp: 189407
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.0 59.9
 148 63.7 32.3 96.9

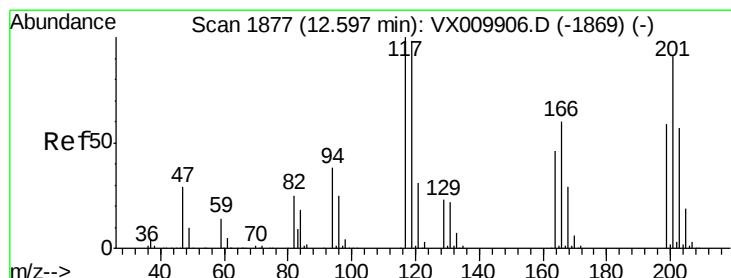
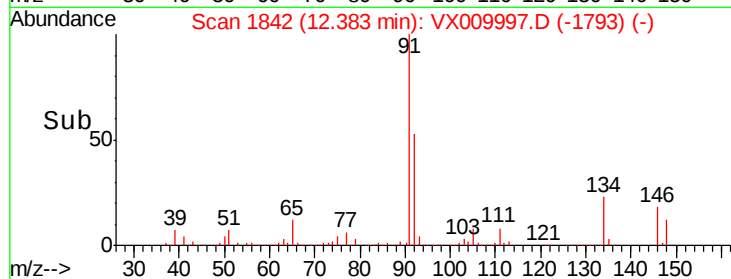
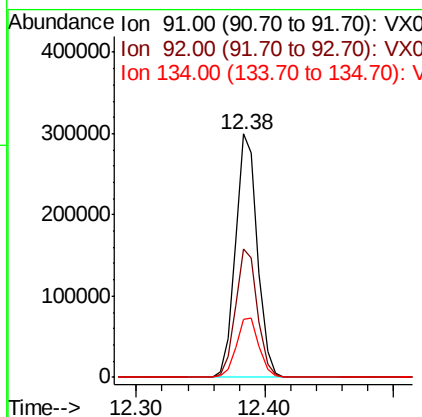
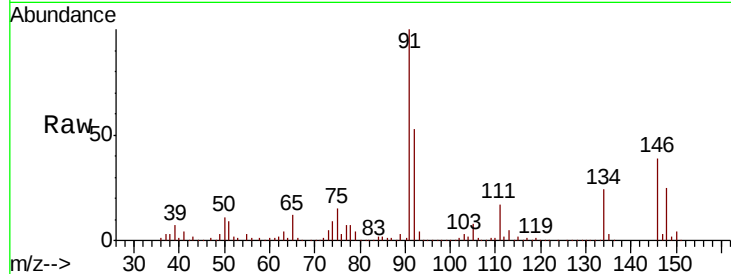




#89
n-Butylbenzene
Concen: 51.788 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

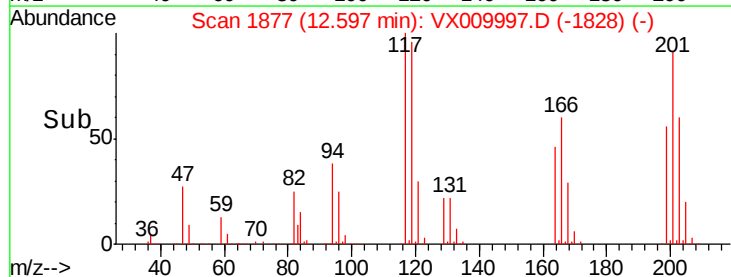
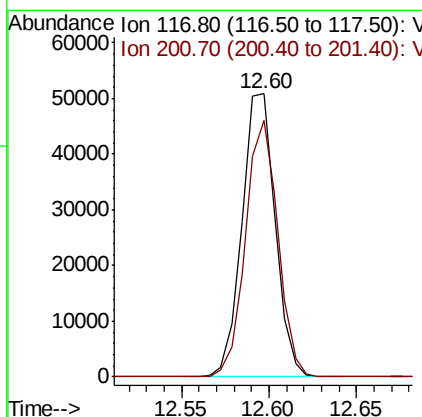
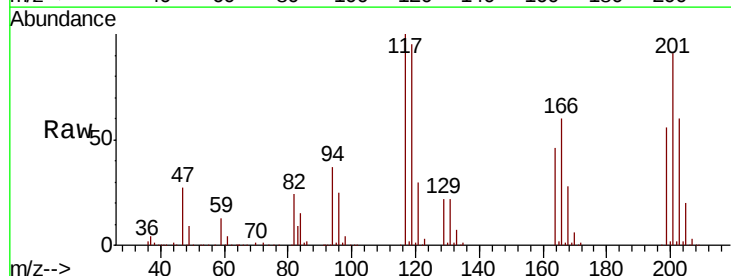
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

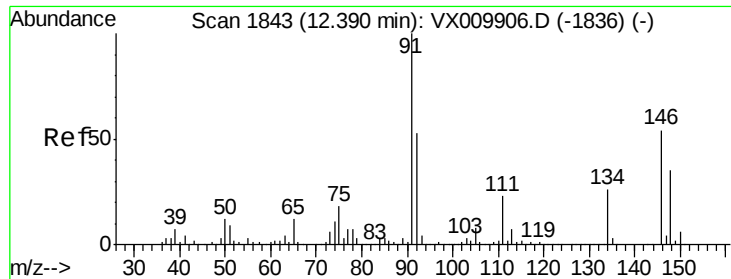
Tot Ion: 91 Resp: 354148
Ion Ratio Lower Upper
91 100
92 53.0 26.3 78.8
134 24.9 12.3 36.8



#90
Hexachloroethane
Concen: 53.944 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

Tgt Ion: 117 Resp: 67362
Ion Ratio Lower Upper
117 100
201 87.8 43.6 130.9

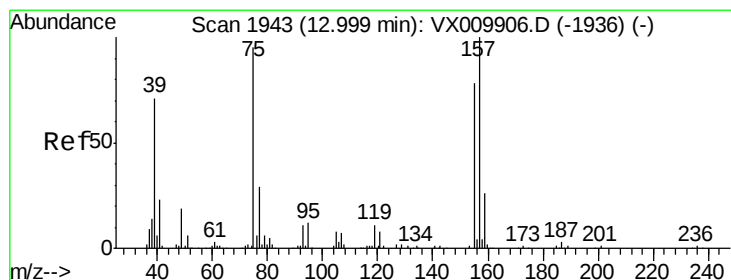
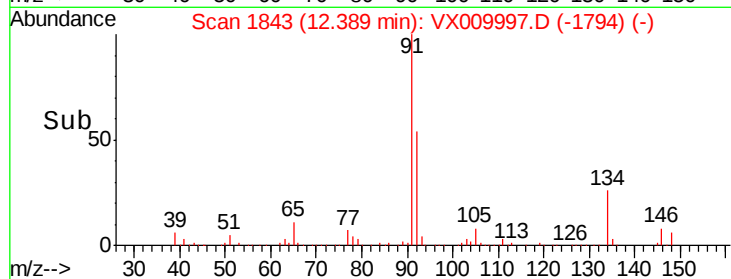
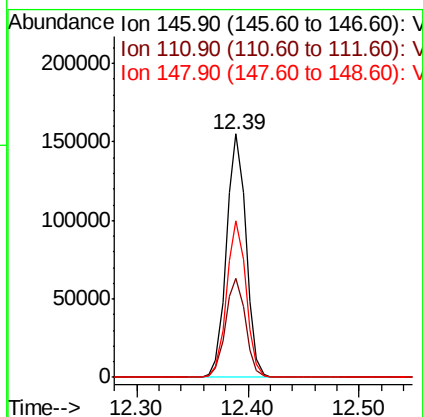
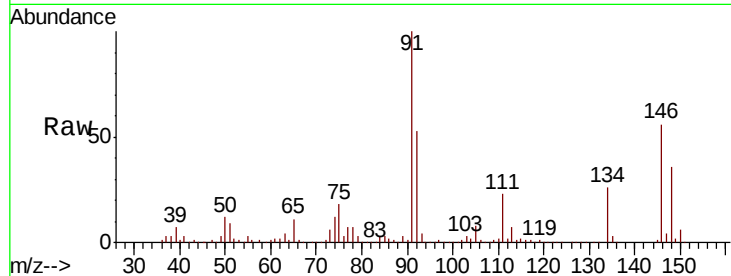




#91
 1,2-Dichlorobenzene
 Concen: 49.916 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009997.D
 Acq: 31 May 2019 19:54

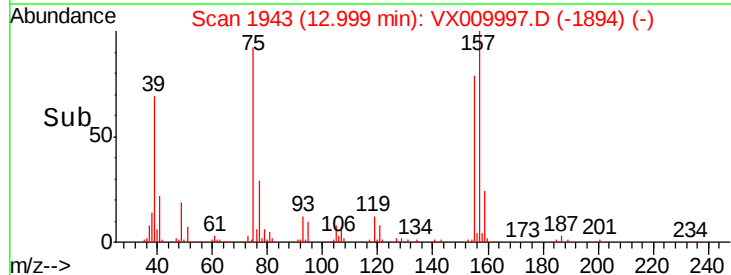
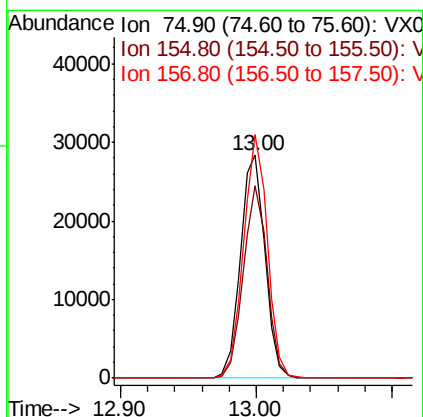
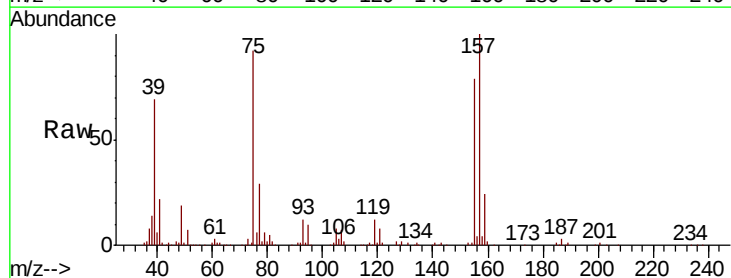
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

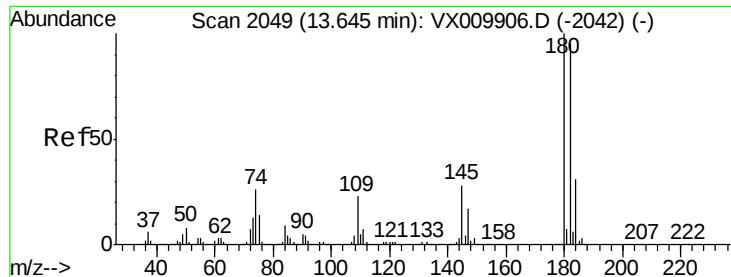
Tot Ion:146 Resp: 188382
 Ion Ratio Lower Upper
 146 100
 111 41.2 21.1 63.1
 148 63.8 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.029 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009997.D
 Acq: 31 May 2019 19:54

Tgt Ion: 75 Resp: 35584
 Ion Ratio Lower Upper
 75 100
 155 83.9 39.3 117.8
 157 106.3 50.6 151.8

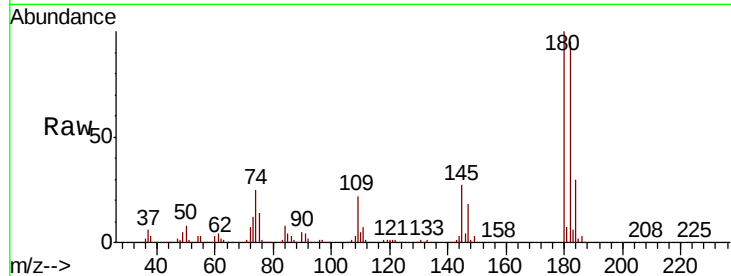




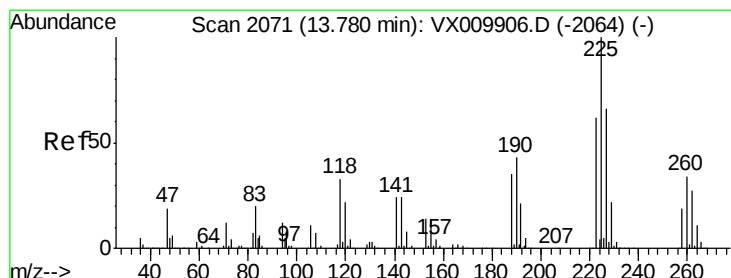
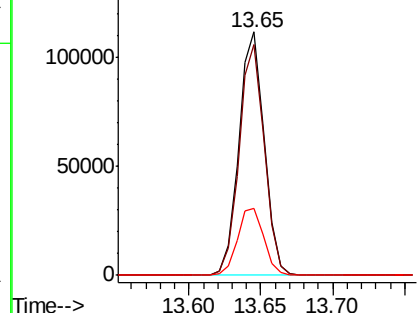
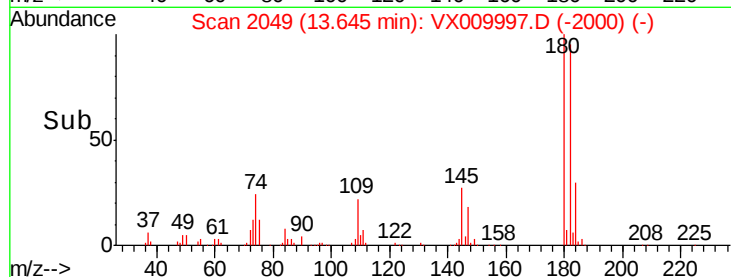
#93
 1,2,4-Trichlorobenzene
 Concen: 50.854 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009997.D
 Acq: 31 May 2019 19:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 137152
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.4 142.2
 145 28.8 14.5 43.5

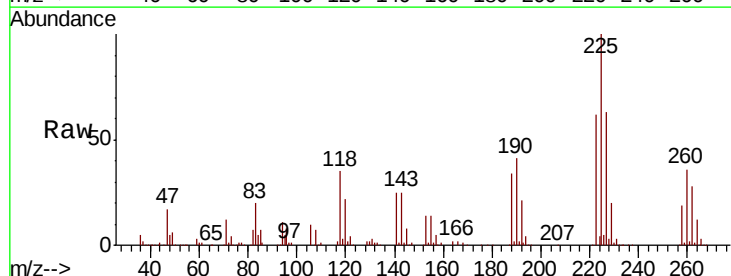


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

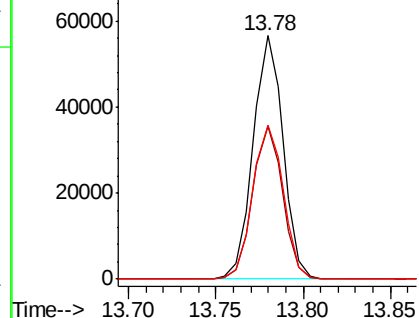
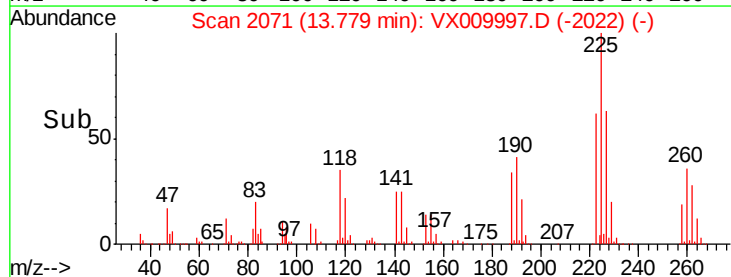


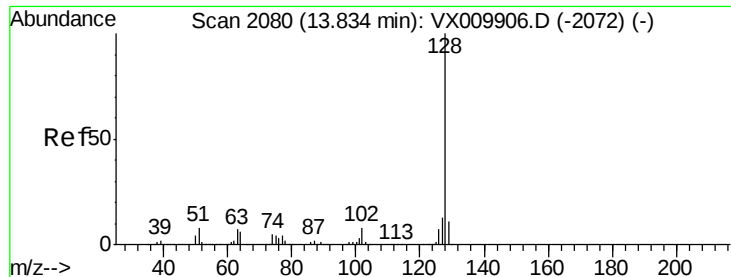
#94
 Hexachlorobutadiene
 Concen: 50.162 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009997.D
 Acq: 31 May 2019 19:54

Tgt Ion:225 Resp: 67856
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.3 93.8
 227 64.7 32.3 96.8



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

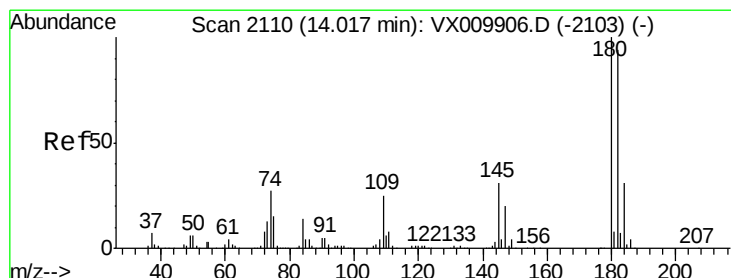
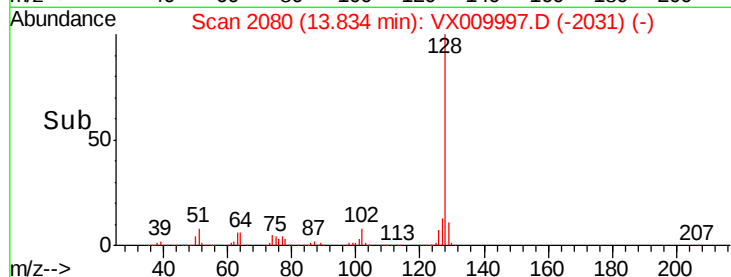
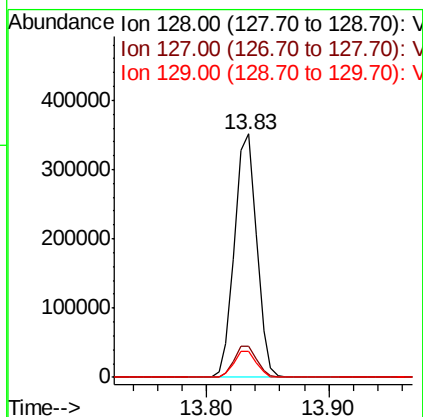
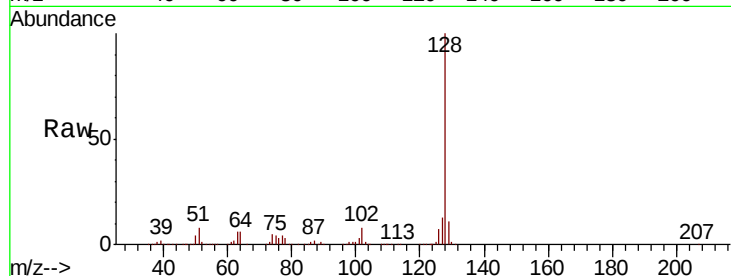




#95
Naphthalene
Concen: 52.277 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 438751
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 50.195 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

Tgt Ion:180 Resp: 135509
Ion Ratio Lower Upper
180 100
182 96.6 47.3 142.0
145 30.8 15.6 46.7

