

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042219\
 Data File : VX009084.D
 Acq On : 22 Apr 2019 09:51
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 23 02:30:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	232870	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	370323	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	322869	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	154185	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	149281	45.49	ug/l	0.00
Spiked Amount			Recovery	=	90.98%	
35) Dibromofluoromethane	5.49	113	110893	46.66	ug/l	0.00
Spiked Amount			Recovery	=	93.32%	
50) Toluene-d8	8.71	98	443431	46.78	ug/l	0.00
Spiked Amount			Recovery	=	93.56%	
62) 4-Bromofluorobenzene	11.13	95	154794	46.26	ug/l	0.00
Spiked Amount			Recovery	=	92.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	141226	52.653	ug/l	98
3) Chloromethane	1.32	50	155968	47.365	ug/l	99
4) Vinyl Chloride	1.41	62	155872	48.634	ug/l	98
5) Bromomethane	1.64	94	79889	40.590	ug/l	99
6) Chloroethane	1.71	64	90848	48.204	ug/l	97
7) Trichlorofluoromethane	1.92	101	180992	48.368	ug/l	100
8) Diethyl Ether	2.19	74	80059	46.782	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	110949	46.373	ug/l	99
10) Methyl Iodide	2.51	142	103145	40.363	ug/l	99
11) Tert butyl alcohol	3.06	59	161665	221.924	ug/l	100
12) 1,1-Dichloroethene	2.37	96	111112	44.494	ug/l	97
13) Acrolein	2.29	56	131292	208.589	ug/l	100
14) Allyl chloride	2.73	41	266862	48.981	ug/l	99
15) Acrylonitrile	3.14	53	424272	229.434	ug/l	100
16) Acetone	2.45	43	441504	259.424	ug/l	99
17) Carbon Disulfide	2.57	76	359736	49.046	ug/l	100
18) Methyl Acetate	2.77	43	189300	44.568	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	425497	47.819	ug/l	99
20) Methylene Chloride	2.85	84	133525	45.879	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	124367	46.691	ug/l	95
22) Diisopropyl ether	3.85	45	515400	48.683	ug/l	91
23) Vinyl Acetate	3.81	43	2308525	248.060	ug/l	99
24) 1,1-Dichloroethane	3.70	63	253219	47.647	ug/l	100
25) 2-Butanone	4.67	43	670019	246.302	ug/l	99
26) 2,2-Dichloropropane	4.58	77	195441	49.061	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	141486	46.785	ug/l	98
28) Bromochloromethane	5.01	49	108852	49.284	ug/l	99
29) Tetrahydrofuran	5.12	42	415443	228.170	ug/l	99
30) Chloroform	5.21	83	228184	47.982	ug/l	98
31) Cyclohexane	5.57	56	261753	50.077	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	191592	48.609	ug/l	100
36) 1,1-Dichloropropene	5.80	75	185696	48.485	ug/l	99
37) Ethyl Acetate	4.83	43	239431	48.583	ug/l	99
38) Carbon Tetrachloride	5.78	117	162518	50.053	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	237705	50.976	ug/l	98
40) Benzene	6.14	78	550366	48.711	ug/l	100
41) Methacrylonitrile	5.04	41	136404	48.225	ug/l	99
42) 1,2-Dichloroethane	6.19	62	192220	48.026	ug/l	100
43) Isopropyl Acetate	6.44	43	384932	48.468	ug/l	100
44) Trichloroethene	7.21	130	131509	47.504	ug/l	100
45) 1,2-Dichloropropane	7.51	63	155626	49.649	ug/l	99
46) Dibromomethane	7.66	93	87418	47.921	ug/l	99
47) Bromodichloromethane	7.89	83	178391	49.858	ug/l	99
48) Methyl methacrylate	7.77	41	191866	48.893	ug/l	100
49) 1,4-Dioxane	7.74	88	64977	884.662	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1191937	235.579	ug/l	99
52) Toluene	8.78	92	330350	48.786	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	213353	51.813	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	234357	50.829	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	130813	48.743	ug/l	98
56) Ethyl methacrylate	9.18	69	234698	48.772	ug/l	99
57) 1,3-Dichloropropane	9.37	76	232175	48.589	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	614287	237.052	ug/l	100
59) 2-Hexanone	9.49	43	938569	240.607	ug/l	100
60) Dibromochloromethane	9.58	129	133498	51.902	ug/l	99
61) 1,2-Dibromoethane	9.67	107	135839	49.042	ug/l	100
64) Tetrachloroethene	9.34	164	122613	49.990	ug/l	99
65) Chlorobenzene	10.13	112	337202	49.480	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	120795	50.315	ug/l	100
67) Ethyl Benzene	10.25	91	628312	50.435	ug/l	100
68) m/p-Xylenes	10.36	106	458837	101.344	ug/l	99
69) o-Xylene	10.69	106	219267	49.773	ug/l	99
70) Styrene	10.71	104	381159	49.928	ug/l	99
71) Bromoform	10.85	173	96678	50.546	ug/l #	98
73) Isopropylbenzene	11.02	105	590833	50.554	ug/l	100
74) N-amyl acetate	10.90	43	322820	48.107	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	197875	46.339	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	240438	63.863	ug/l	80
77) Bromobenzene	11.26	156	139620	47.349	ug/l	99
78) n-propylbenzene	11.36	91	690762	51.495	ug/l	100
79) 2-Chlorotoluene	11.42	91	397056	49.120	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	500124	50.995	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	72192	49.228	ug/l	98
82) 4-Chlorotoluene	11.51	91	465665	49.603	ug/l	100
83) tert-Butylbenzene	11.77	119	471748	50.101	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	504210	50.507	ug/l	99
85) sec-Butylbenzene	11.94	105	575986	51.290	ug/l	100
86) p-Isopropyltoluene	12.06	119	528683	51.206	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	252052	48.838	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	251216	48.018	ug/l	100
89) n-Butylbenzene	12.38	91	498597	51.854	ug/l	100
90) Hexachloroethane	12.60	117	89627	52.626	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	244691	48.014	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	44420	45.687	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:47:58 2019
Response via : Initial Calibration

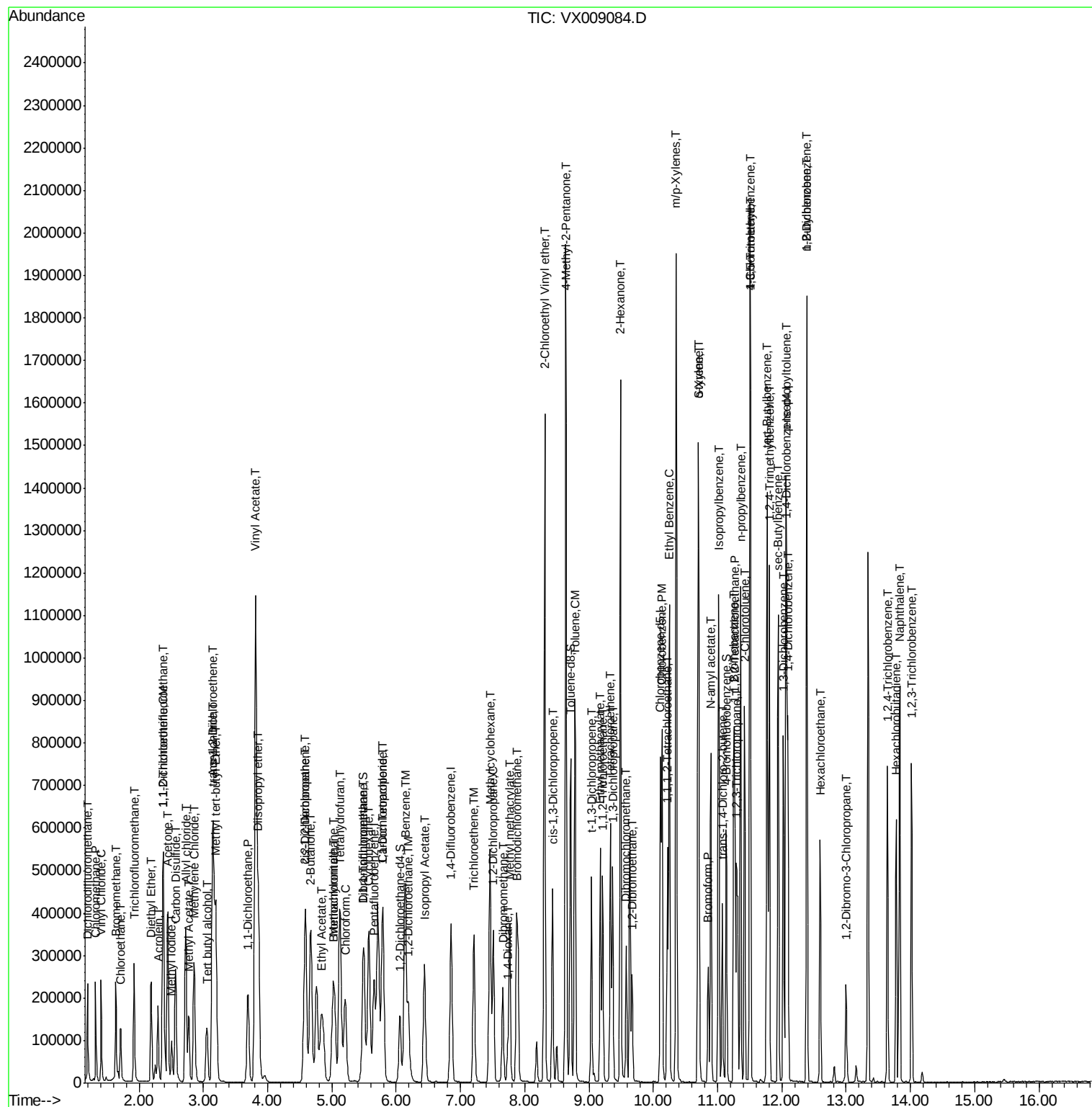
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	180683	49.114	ug/l	99
94) Hexachlorobutadiene	13.78	225	92946	50.657	ug/l	99
95) Naphthalene	13.83	128	566120	48.032	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	178957	49.302	ug/l	99

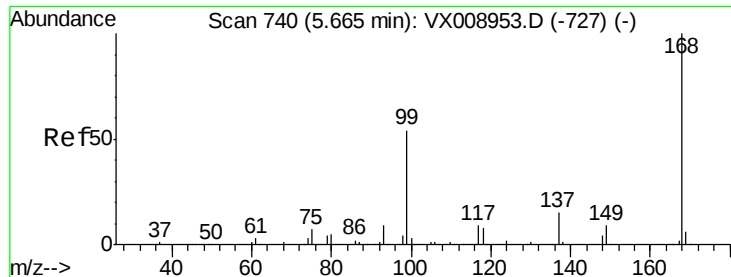
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:47:58 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009084.D

Acq: 22 Apr 2019 09:51

Instrument :

MSVOA_X

ClientSampleId :

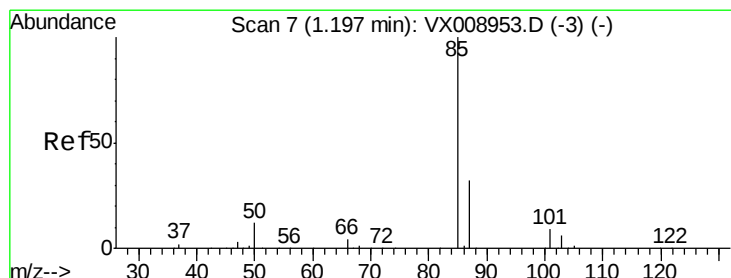
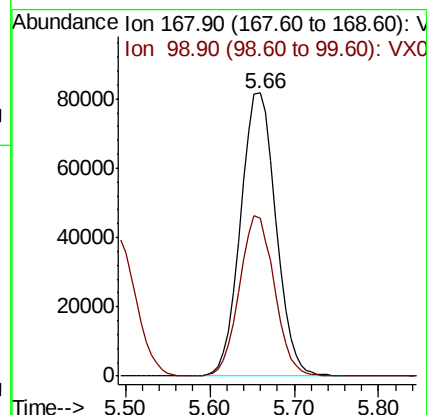
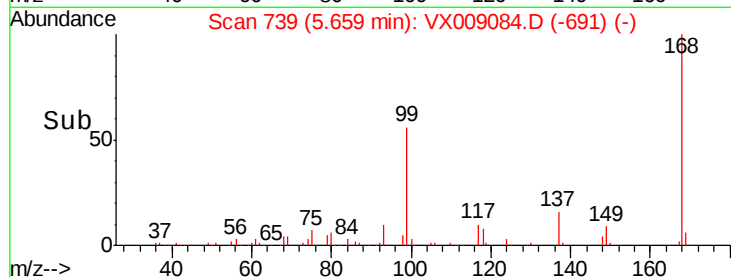
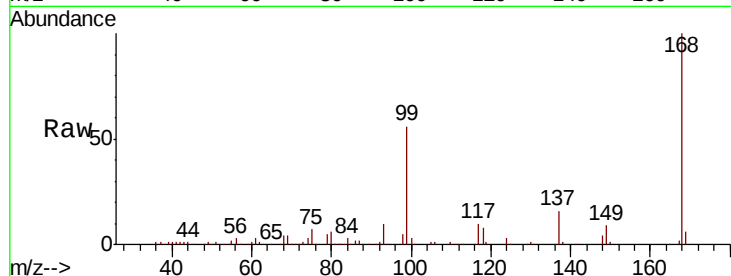
VSTDCCC050

Tot Ion:168 Resp: 232870

Ion Ratio Lower Upper

168 100

99 55.5 43.0 64.6



#2

Dichlorodifluoromethane

Concen: 52.653 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009084.D

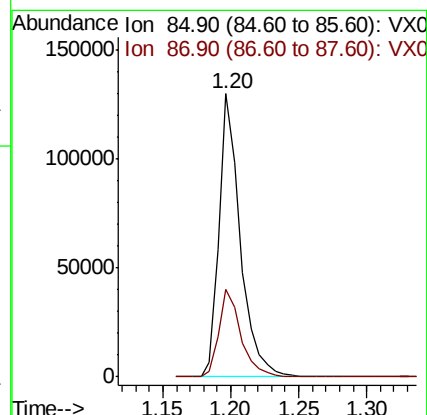
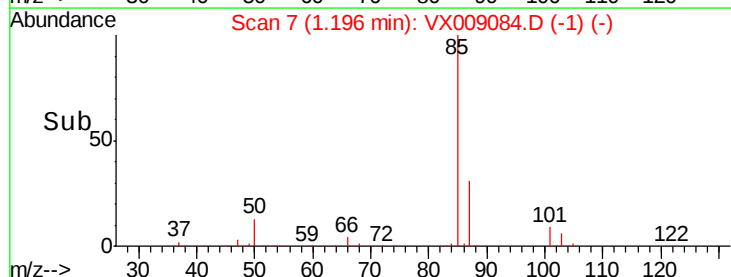
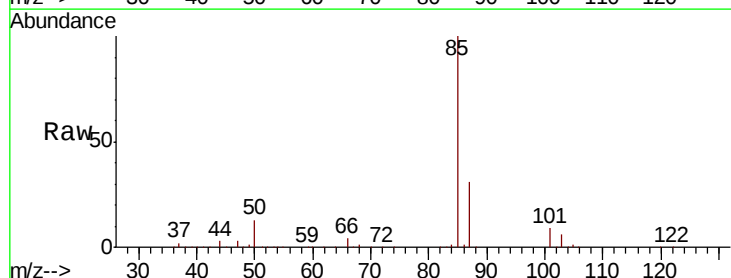
Acq: 22 Apr 2019 09:51

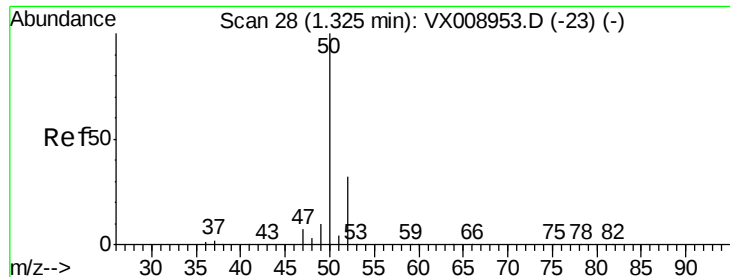
Tgt Ion: 85 Resp: 141226

Ion Ratio Lower Upper

85 100

87 31.0 16.0 47.9





#3

Chloromethane

Concen: 47.365 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009084.D

Acq: 22 Apr 2019 09:51

Instrument :

MSVOA_X

ClientSampleId :

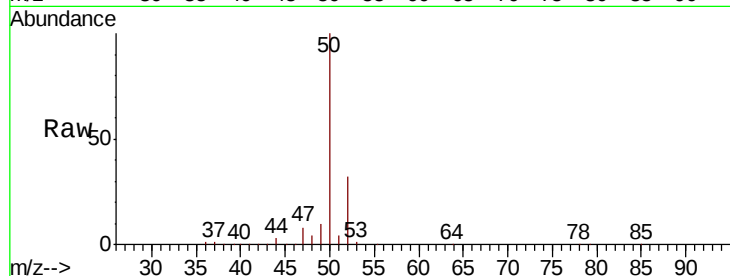
VSTDCCC050

Tot Ion: 50 Resp: 155968

Ion Ratio Lower Upper

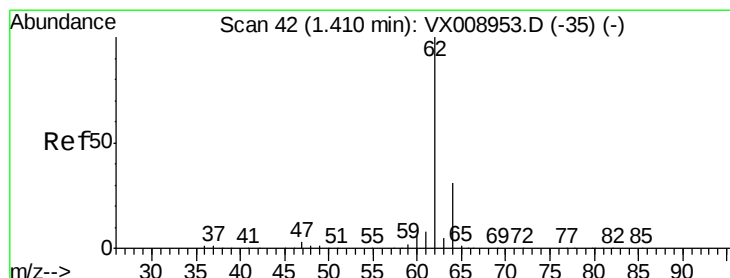
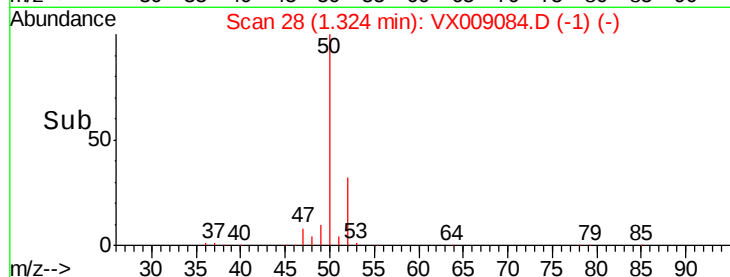
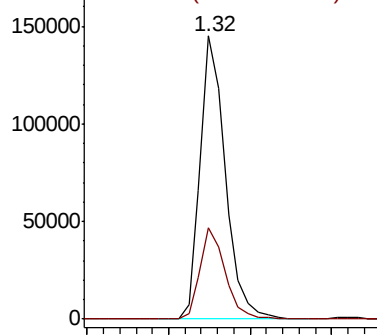
50 100

52 32.4 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 48.634 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009084.D

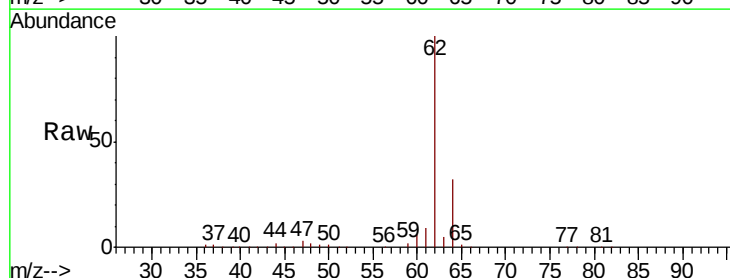
Acq: 22 Apr 2019 09:51

Tgt Ion: 62 Resp: 155872

Ion Ratio Lower Upper

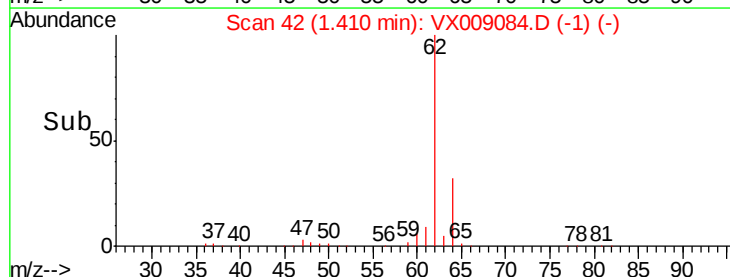
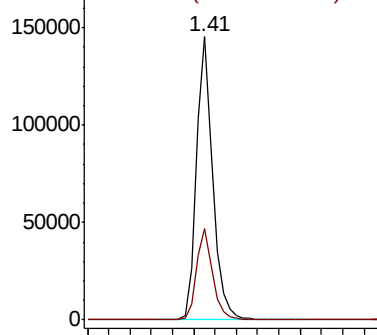
62 100

64 32.1 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 40.590 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009084.D

Acq: 22 Apr 2019 09:51

Instrument :

MSVOA_X

ClientSampleId :

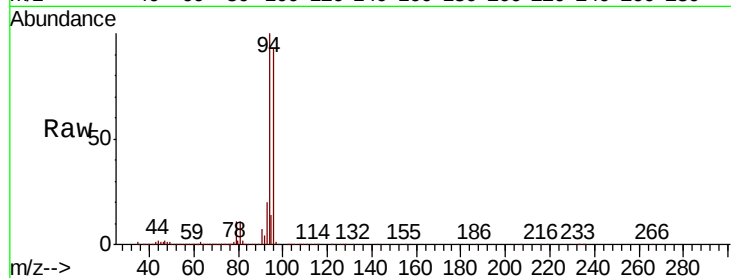
VSTDCCC050

Tot Ion: 94 Resp: 79889

Ion Ratio Lower Upper

94 100

96 93.0 73.9 110.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

80000

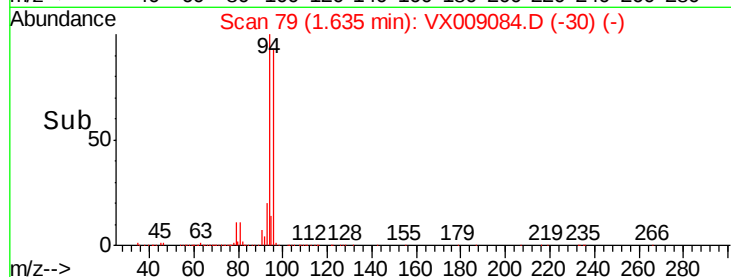
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40000

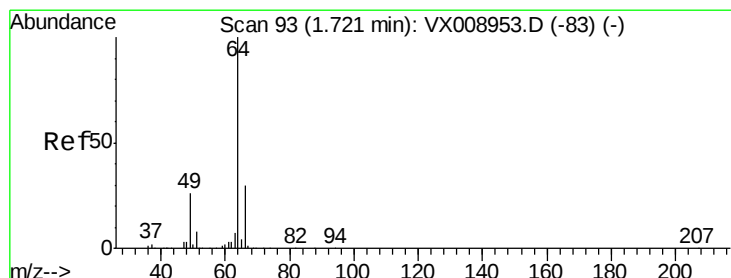
20000

0

Time-->



Time-->



#6

Chloroethane

Concen: 48.204 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX009084.D

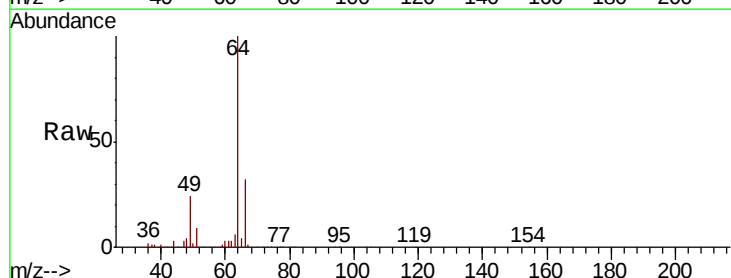
Acq: 22 Apr 2019 09:51

Tgt Ion: 64 Resp: 90848

Ion Ratio Lower Upper

64 100

66 31.8 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

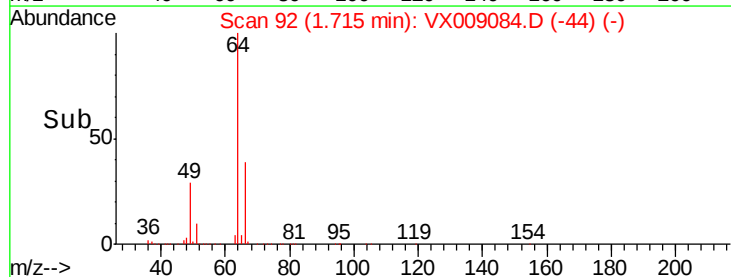
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Time-->



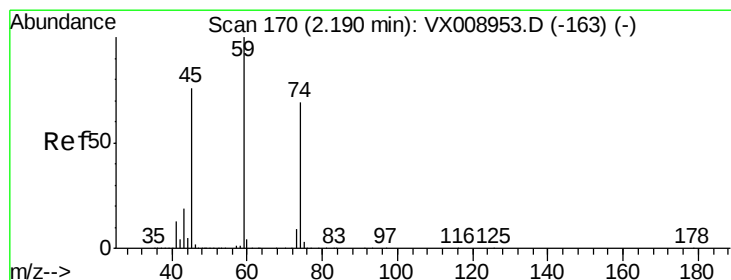
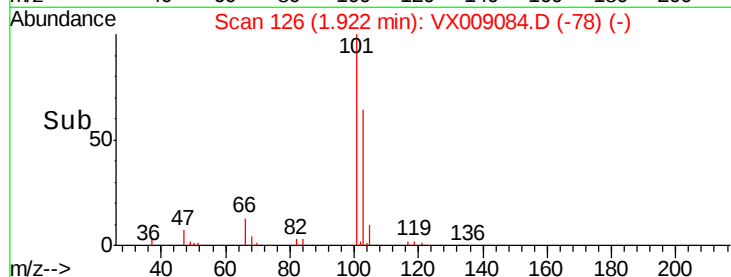
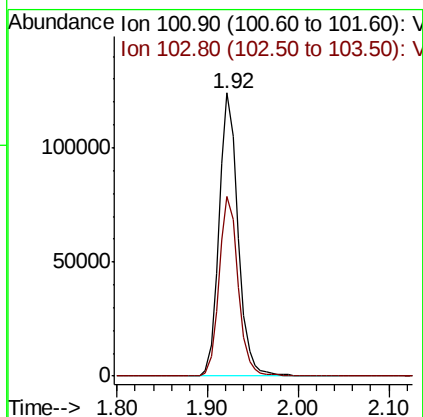
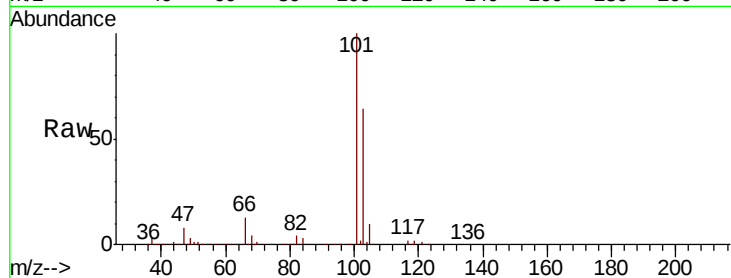


#7

Trichlorofluoromethane
 Concen: 48.368 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: VX009084.D
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 VSTDCCC050

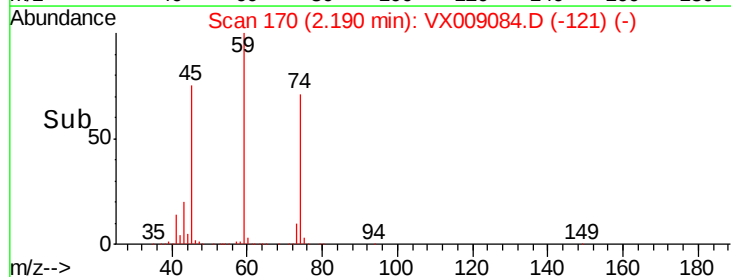
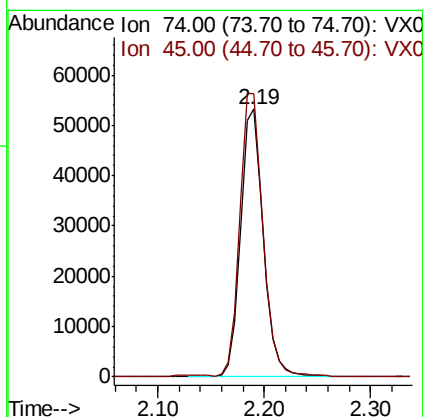
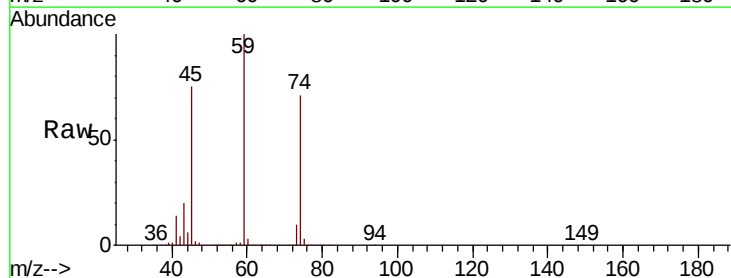
Tot Ion:101 Resp: 180992
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.0 76.6



#8

Diethyl Ether
 Concen: 46.782 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX009084.D
 Acq: 22 Apr 2019 09:51

Tgt Ion: 74 Resp: 80059
 Ion Ratio Lower Upper
 74 100
 45 106.9 54.9 164.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.373 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX009084.D

Acq: 22 Apr 2019 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

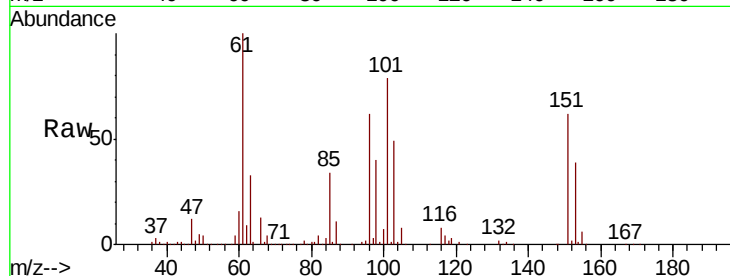
Tot Ion:101 Resp: 110949

Ion Ratio Lower Upper

101 100

85 43.8 35.7 53.5

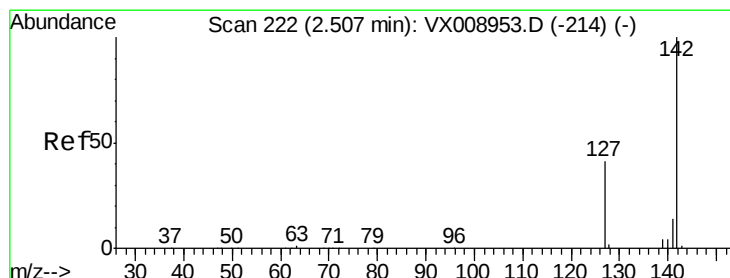
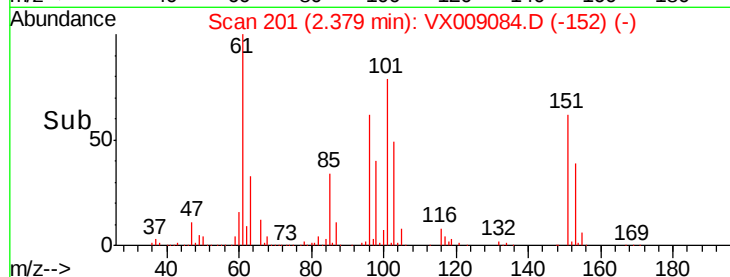
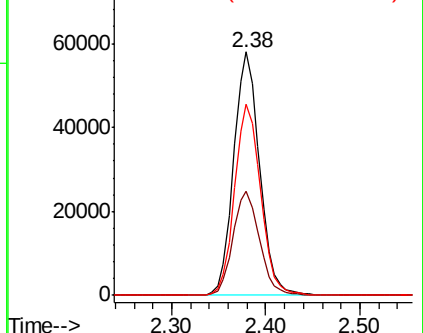
151 79.4 62.7 94.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 40.363 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009084.D

Acq: 22 Apr 2019 09:51

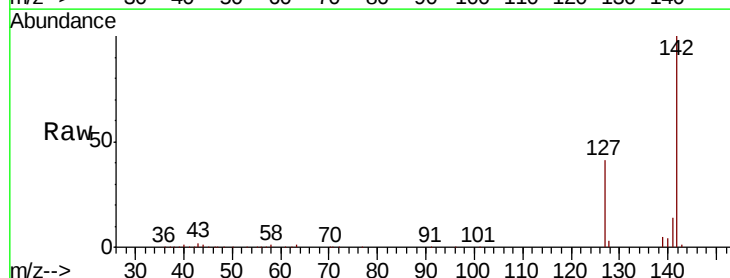
Tgt Ion:142 Resp: 103145

Ion Ratio Lower Upper

142 100

127 41.3 32.8 49.2

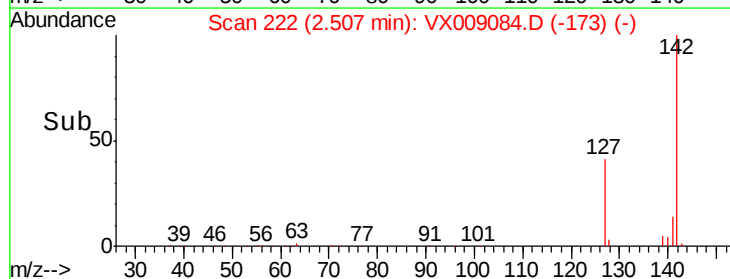
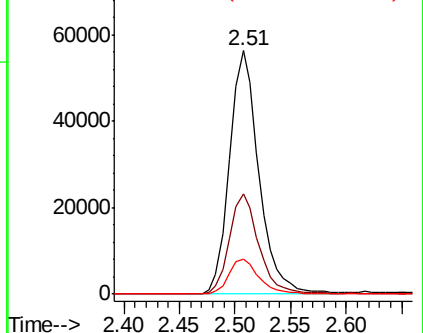
141 14.7 11.4 17.2

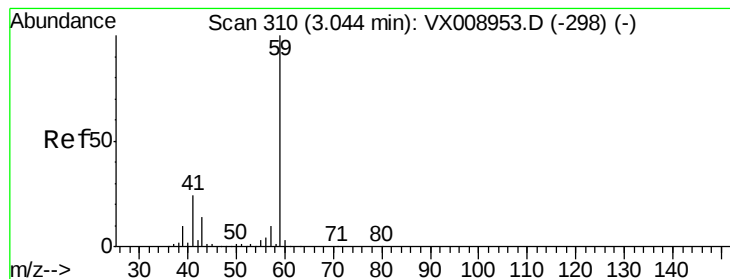


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



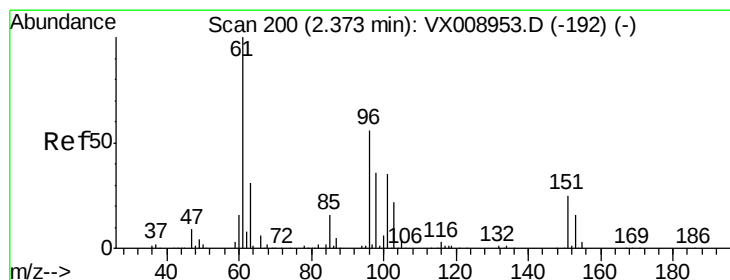
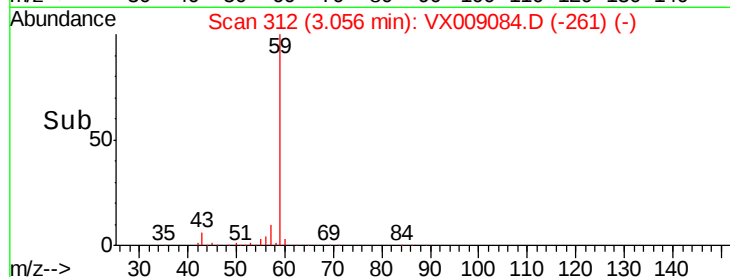
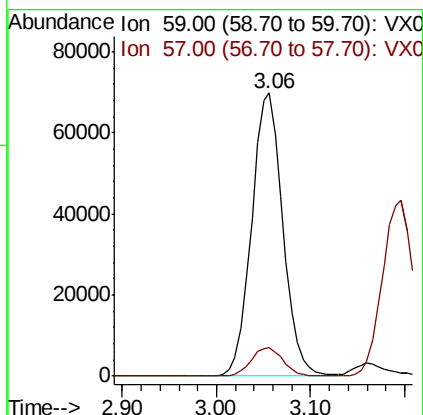
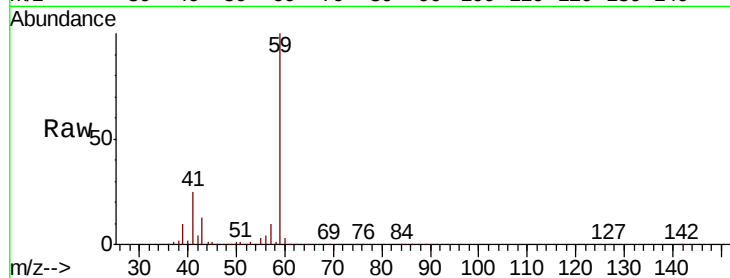


#11

Tert butyl alcohol
Concen: 221.924 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX009084.D
Acq: 22 Apr 2019 09:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

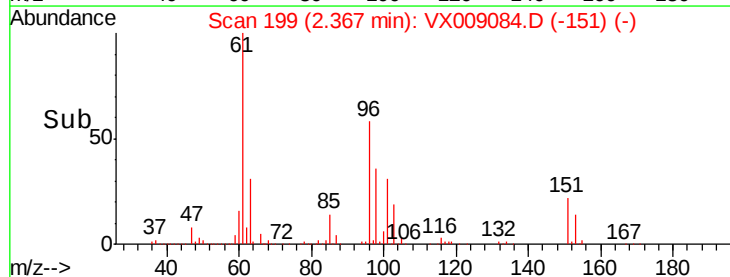
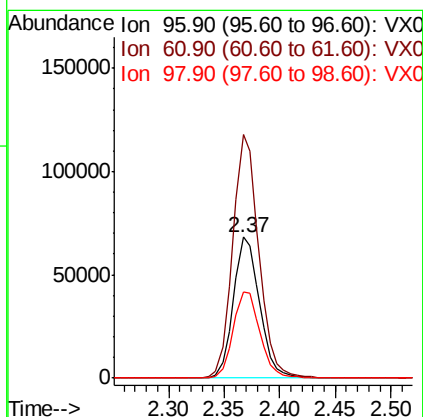
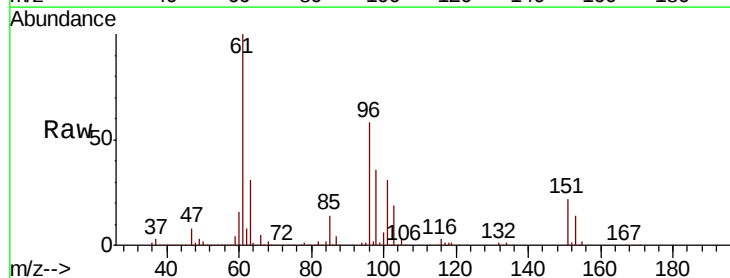
Tot Ion: 59 Resp: 161665
Ion Ratio Lower Upper
59 100
57 10.4 8.4 12.6

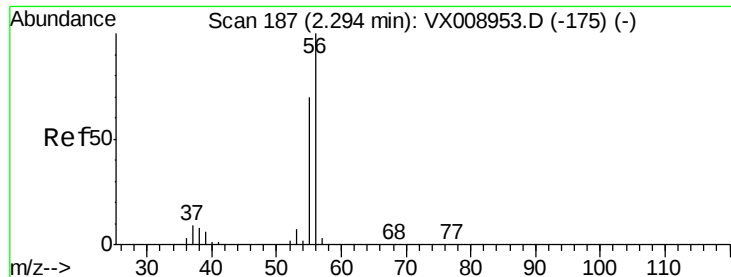


#12

1,1-Dichloroethene
Concen: 44.494 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX009084.D
Acq: 22 Apr 2019 09:51

Tgt Ion: 96 Resp: 111112
Ion Ratio Lower Upper
96 100
61 172.6 142.2 213.2
98 61.5 50.9 76.3





#13

Acrolein

Concen: 208.589 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009084.D

Acq: 22 Apr 2019 09:51

Instrument :

MSVOA_X

ClientSampleId :

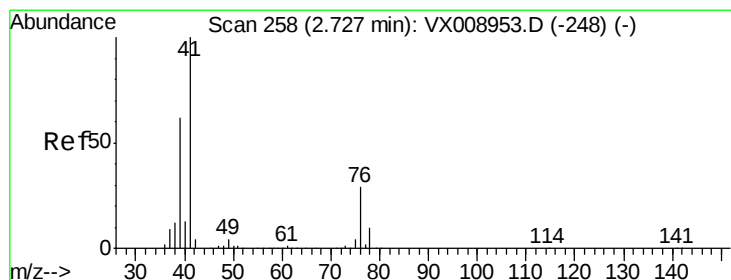
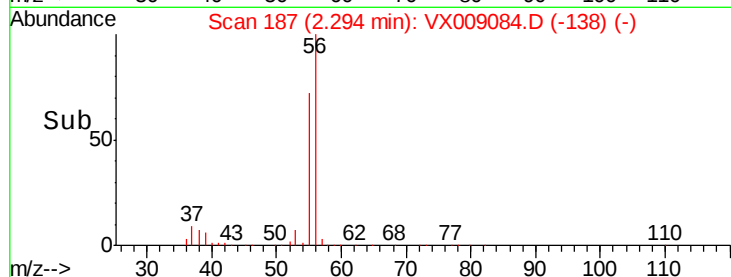
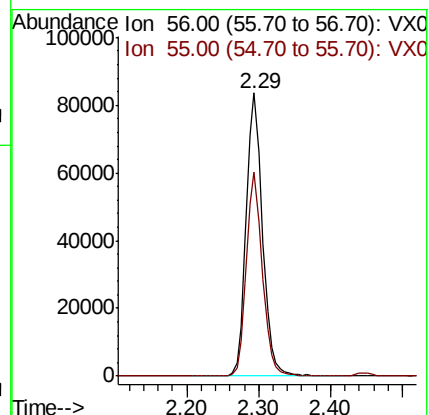
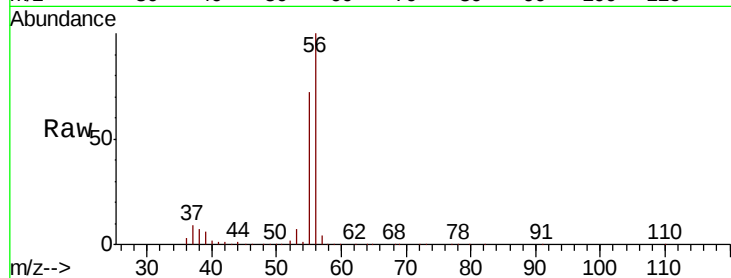
VSTDCCC050

Tot Ion: 56 Resp: 131292

Ion Ratio Lower Upper

56 100

55 70.4 56.6 84.8



#14

Allyl chloride

Concen: 48.981 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009084.D

Acq: 22 Apr 2019 09:51

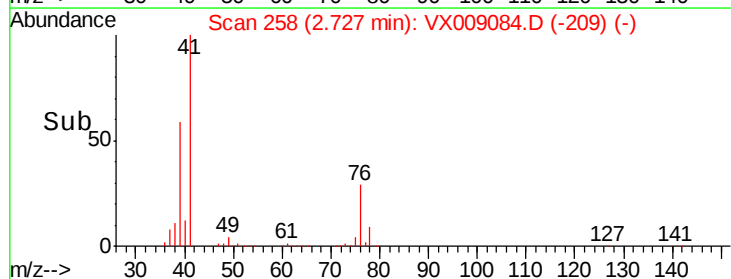
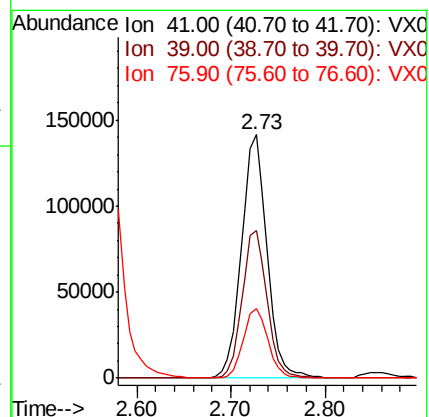
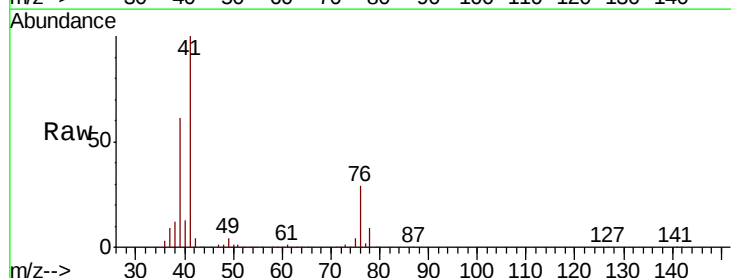
Tgt Ion: 41 Resp: 266862

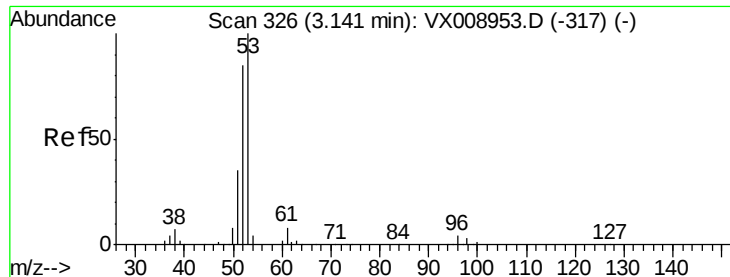
Ion Ratio Lower Upper

41 100

39 59.4 46.7 70.1

76 27.9 22.0 33.0





#15

Acrylonitrile

Concen: 229.434 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009084.D

Acq: 22 Apr 2019 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

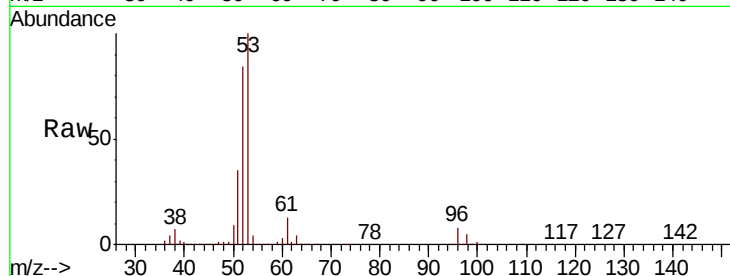
Tot Ion: 53 Resp: 424272

Ion Ratio Lower Upper

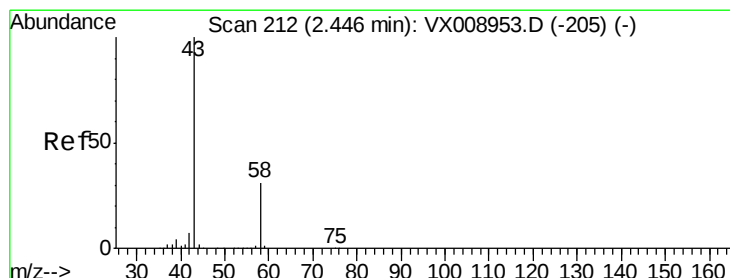
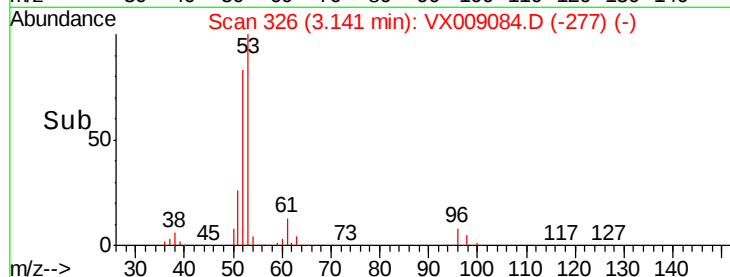
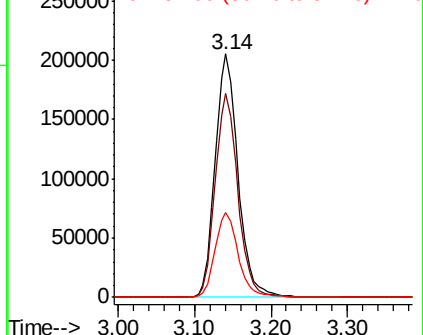
53 100

52 83.2 66.6 100.0

51 35.5 28.3 42.5



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: 259.424 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009084.D

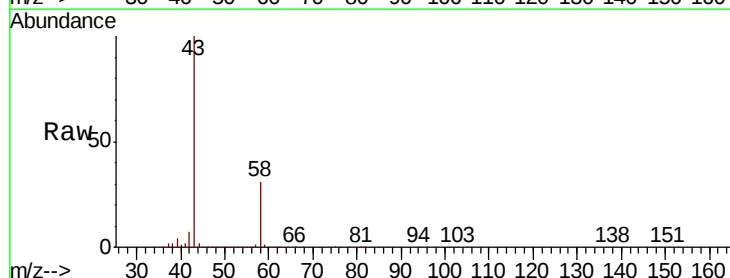
Acq: 22 Apr 2019 09:51

Tgt Ion: 43 Resp: 441504

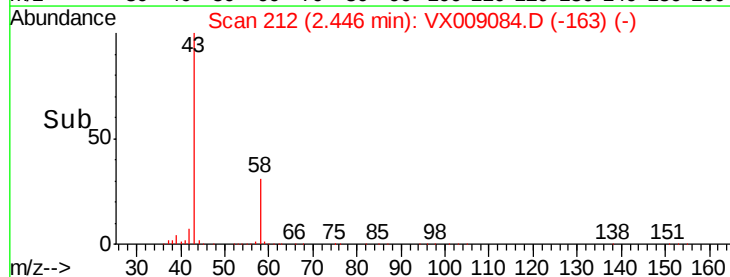
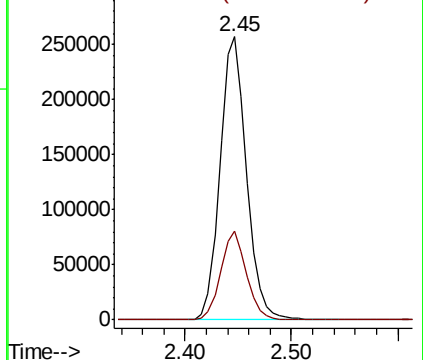
Ion Ratio Lower Upper

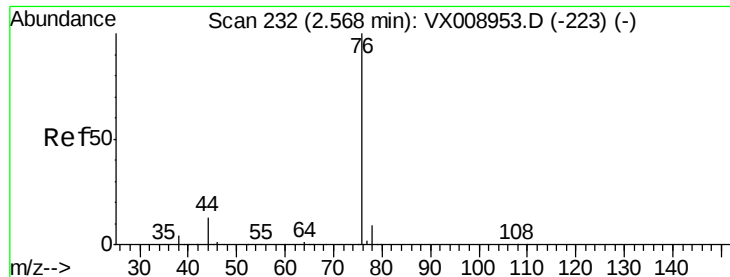
43 100

58 31.3 24.8 37.2



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

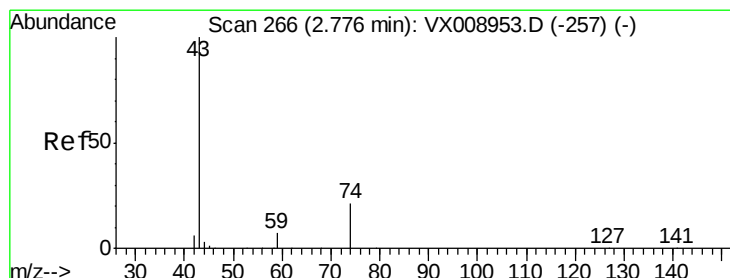
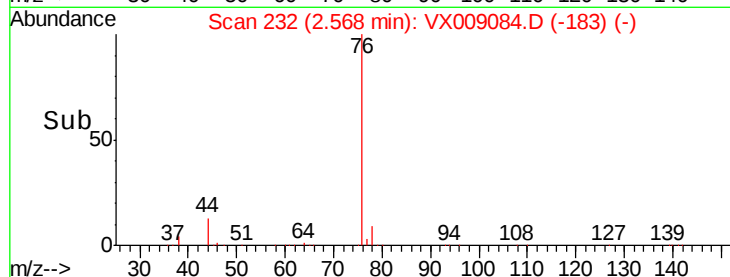
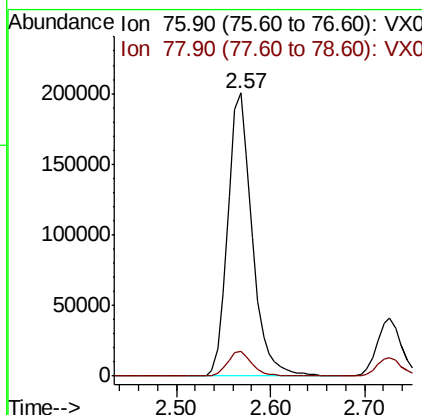
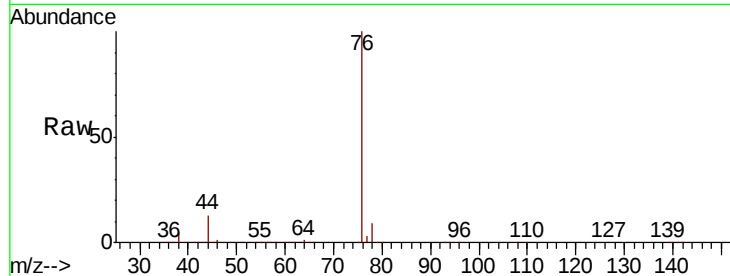




#17
Carbon Disulfide
Concen: 49.046 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009084.D
Acq: 22 Apr 2019 09:51

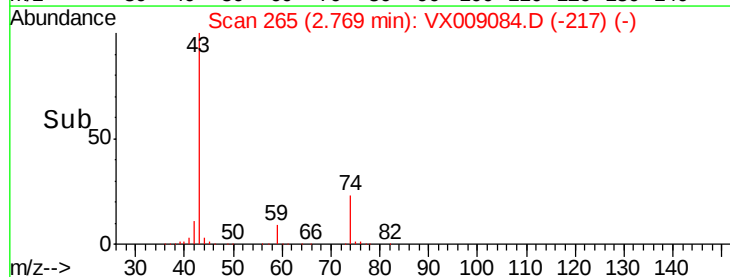
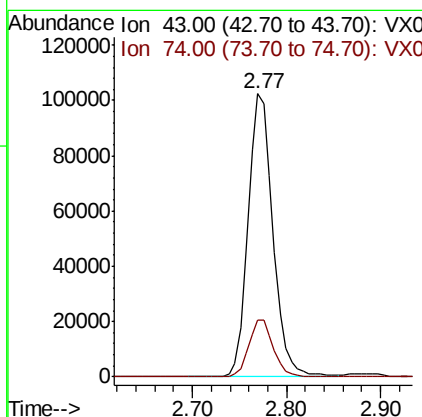
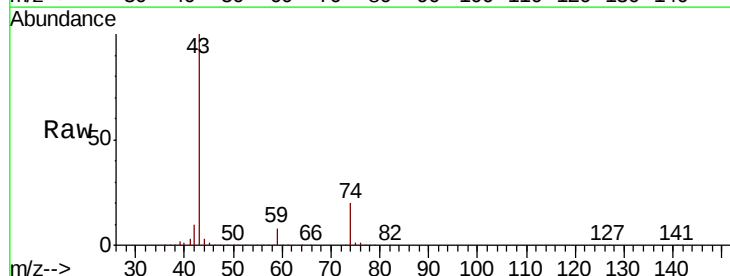
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

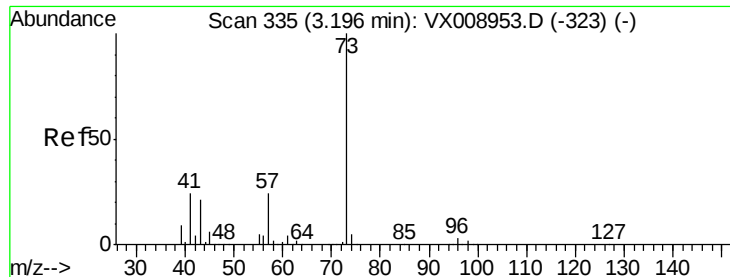
Tot Ion: 76 Resp: 359736
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8



#18
Methyl Acetate
Concen: 44.568 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX009084.D
Acq: 22 Apr 2019 09:51

Tgt Ion: 43 Resp: 189300
Ion Ratio Lower Upper
43 100
74 20.4 16.6 25.0

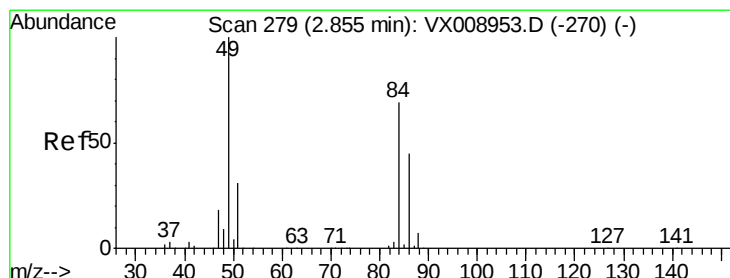
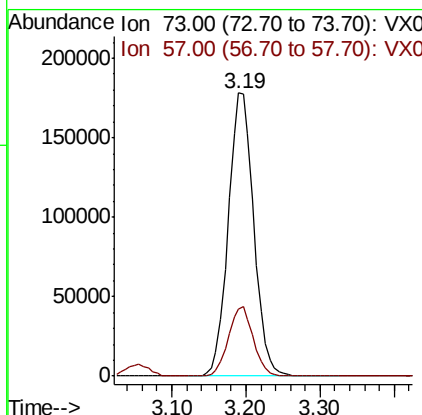
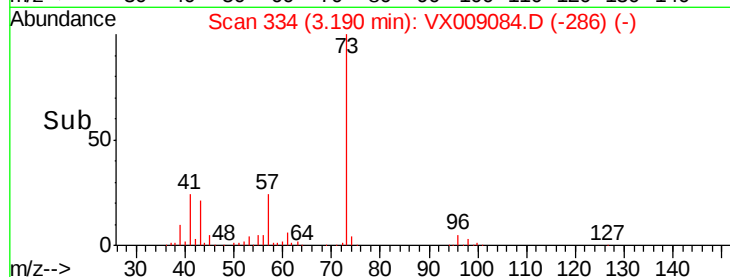
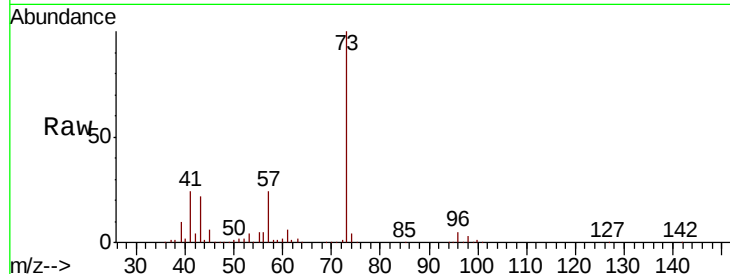




#19
Methvl tert-butvl Ether
Concen: 47.819 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX009084.D
Acq: 22 Apr 2019 09:51

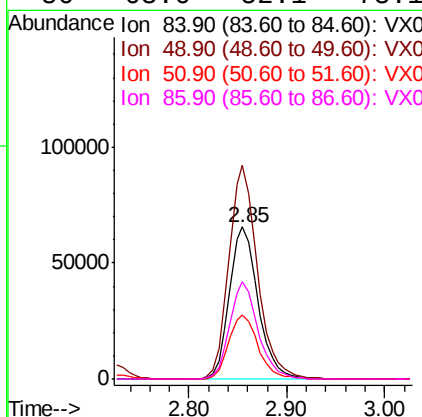
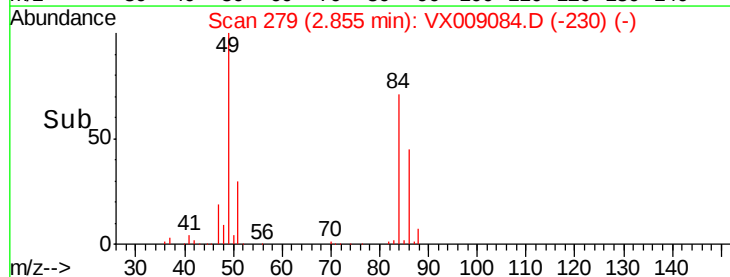
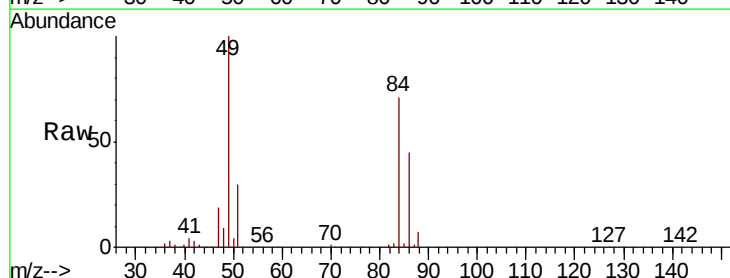
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

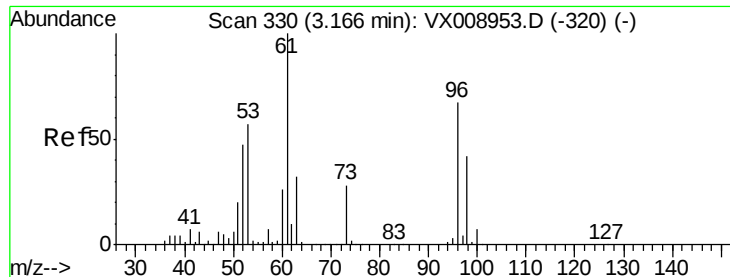
Tot Ion: 73 Resp: 425497
Ion Ratio Lower Upper
73 100
57 23.7 19.2 28.8



#20
Methylene Chloride
Concen: 45.879 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009084.D
Acq: 22 Apr 2019 09:51

Tgt Ion: 84 Resp: 133525
Ion Ratio Lower Upper
84 100
49 140.2 115.4 173.0
51 42.4 35.8 53.6
86 63.6 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 46.691 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX009084.D

Acq: 22 Apr 2019 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

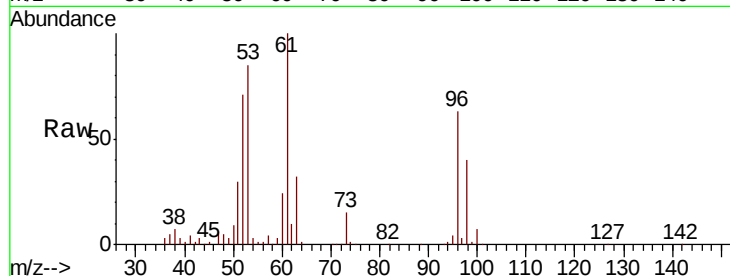
Tot Ion: 96 Resp: 124367

Ion Ratio Lower Upper

96 100

61 158.5 120.3 180.5

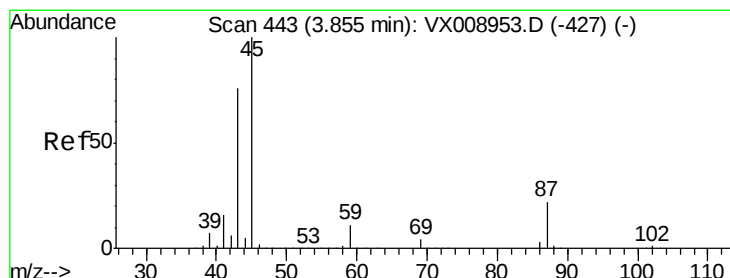
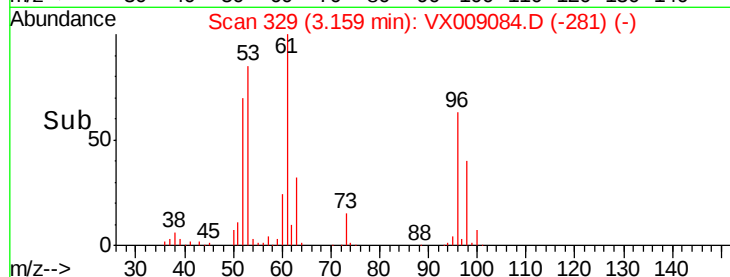
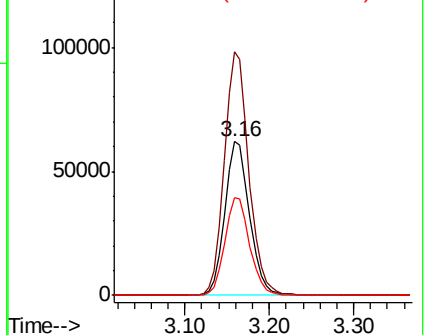
98 63.3 50.2 75.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 48.683 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX009084.D

Acq: 22 Apr 2019 09:51

Tgt Ion: 45 Resp: 515400

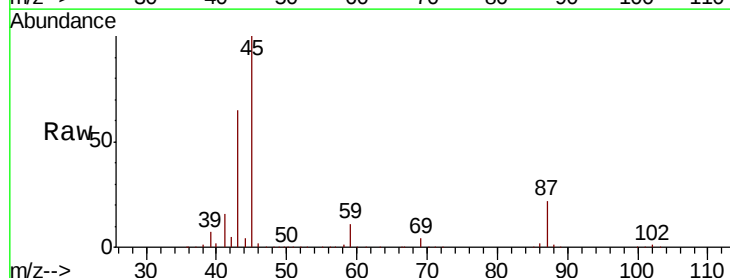
Ion Ratio Lower Upper

45 100

43 64.9 60.6 91.0

87 22.2 17.8 26.8

59 10.6 8.7 13.1

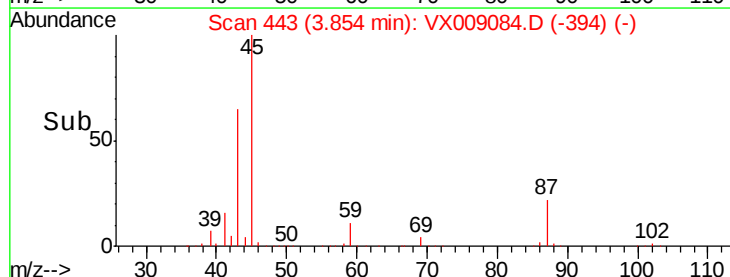
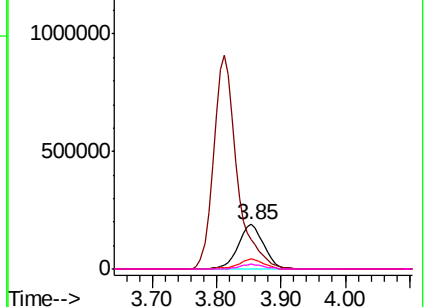


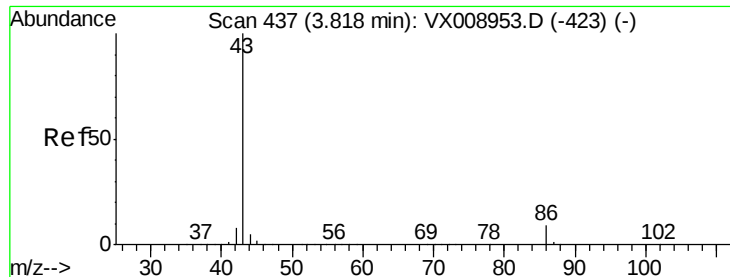
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 248.060 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX009084.D

Acq: 22 Apr 2019 09:51

Instrument :

MSVOA_X

ClientSampleId :

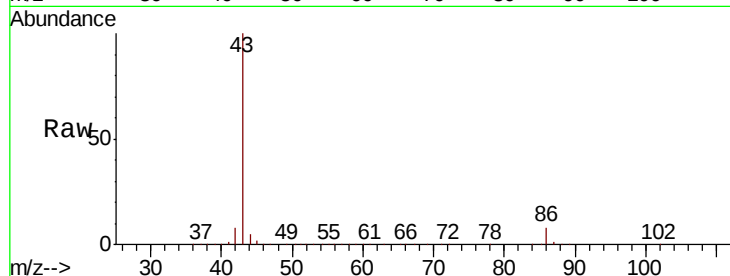
VSTDCCC050

Tot Ion: 43 Resp: 2308525

Ion Ratio Lower Upper

43 100

86 8.5 7.1 10.7



Abundance Ion 43.00 (42.70 to 43.70): VX008953.D (-423) (-)

Ion 86.00 (85.70 to 86.70): VX008953.D (-423) (-)

3.81

1000000

800000

600000

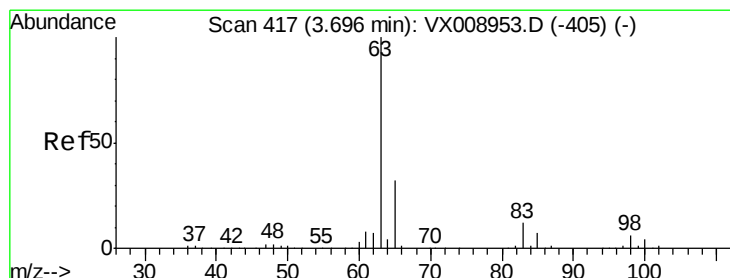
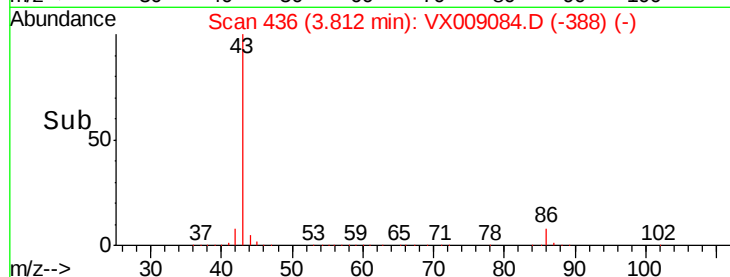
400000

200000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 47.647 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009084.D

Acq: 22 Apr 2019 09:51

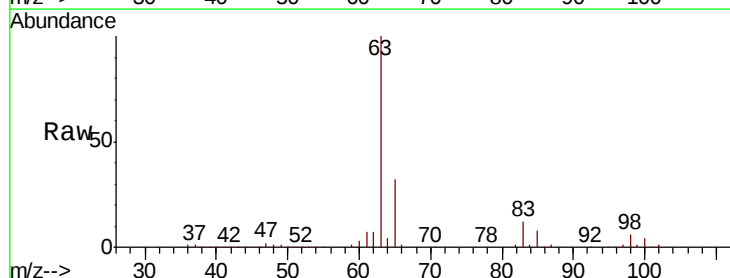
Tgt Ion: 63 Resp: 253219

Ion Ratio Lower Upper

63 100

98 6.0 3.1 9.3

100 3.8 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VX008953.D (-405) (-)

Ion 97.90 (97.60 to 98.60): VX008953.D (-405) (-)

Ion 99.90 (99.60 to 100.60): VX008953.D (-405) (-)

3.70

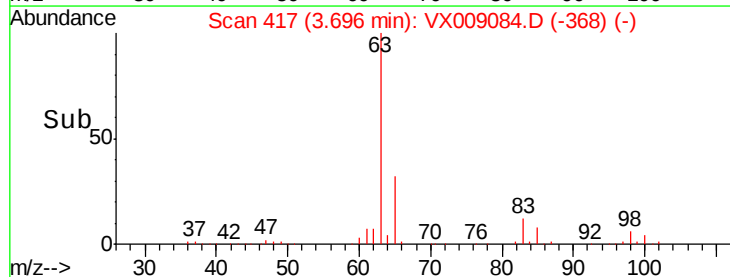
100000

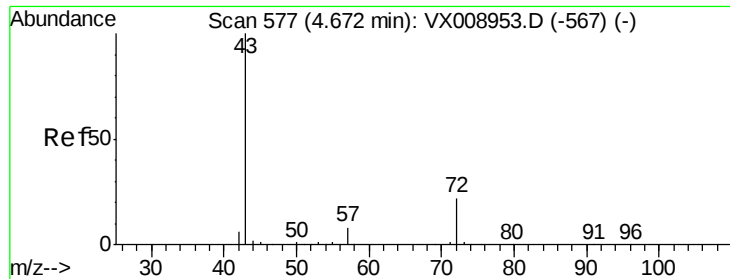
50000

0

3.60 3.70 3.80 3.90

Time-->





#25

2-Butanone

Concen: 246.302 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX009084.D

Acq: 22 Apr 2019 09:51

Instrument :

MSVOA_X

ClientSampleId :

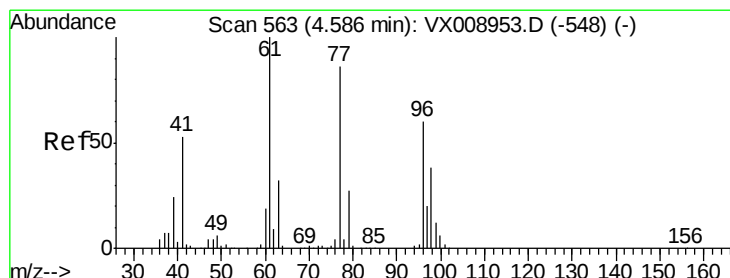
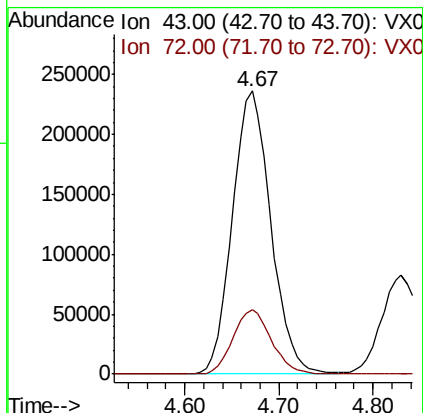
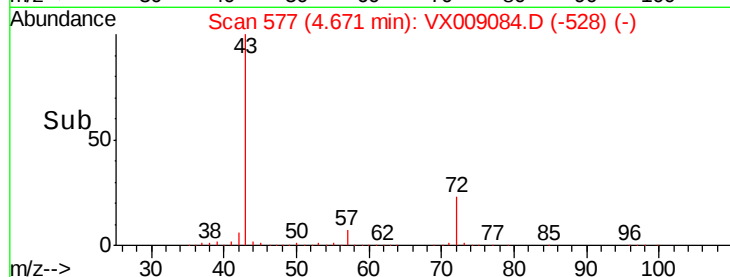
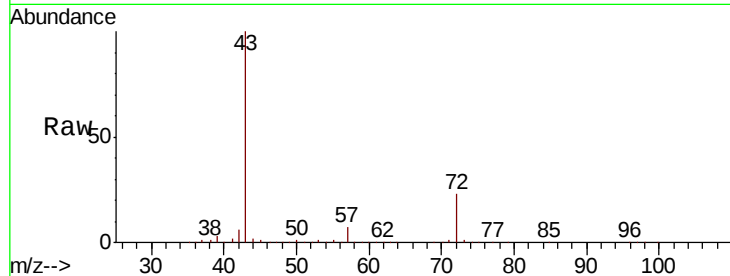
VSTDCCC050

Tot Ion: 43 Resp: 670019

Ion Ratio Lower Upper

43 100

72 22.6 17.5 26.3



#26

2,2-Dichloropropane

Concen: 49.061 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX009084.D

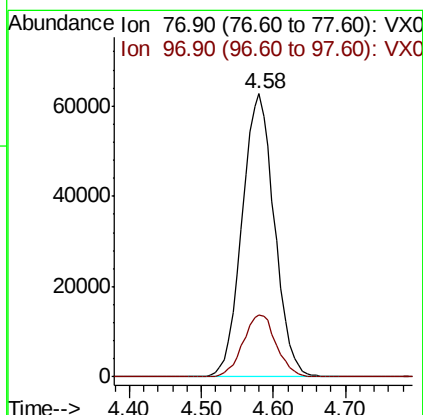
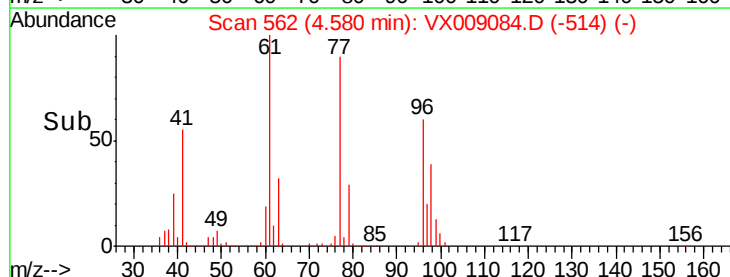
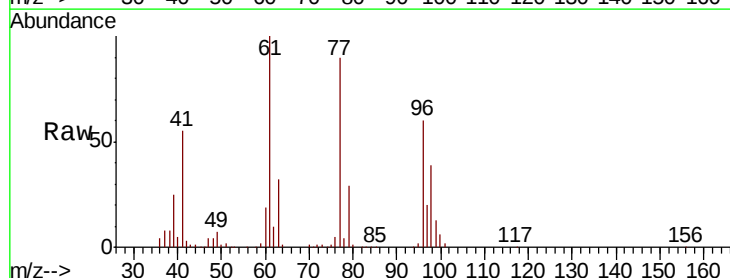
Acq: 22 Apr 2019 09:51

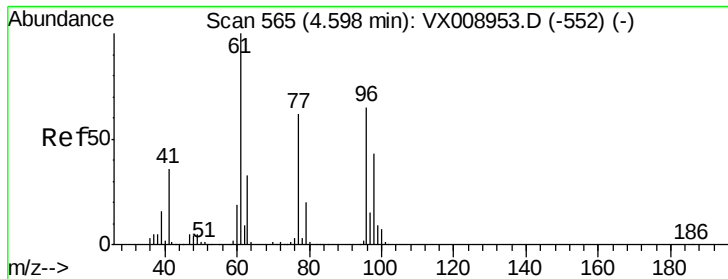
Tgt Ion: 77 Resp: 195441

Ion Ratio Lower Upper

77 100

97 22.5 11.7 35.0



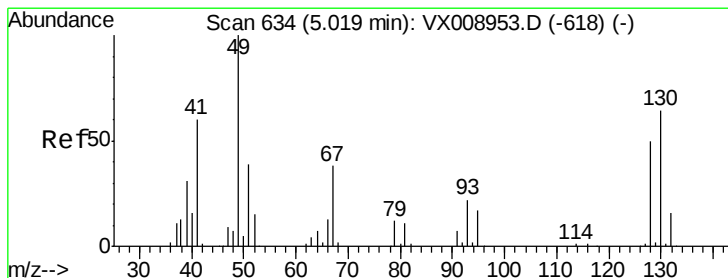
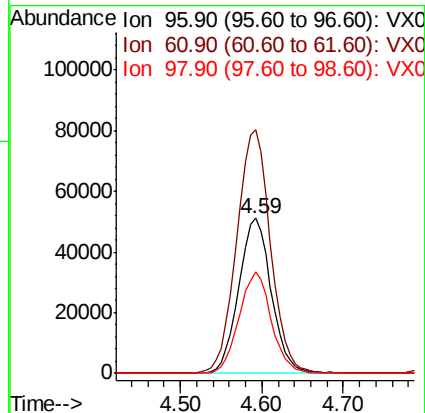
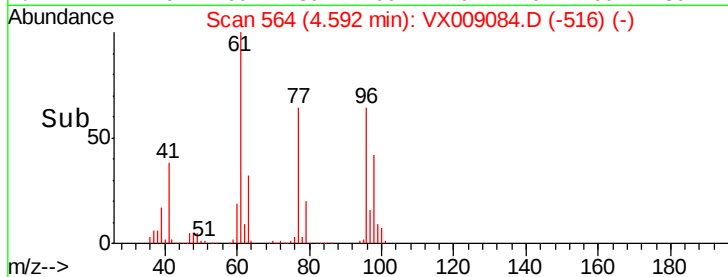
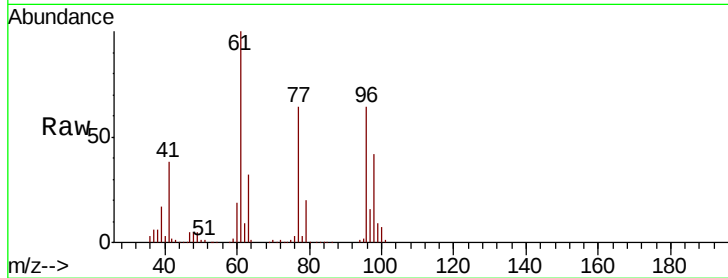


#27

cis-1,2-Dichloroethene
Concen: 46.785 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX009084.D
Acq: 22 Apr 2019 09:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

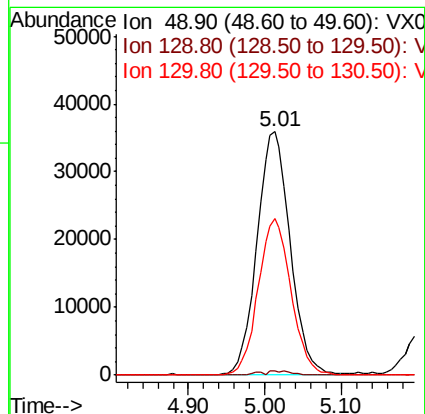
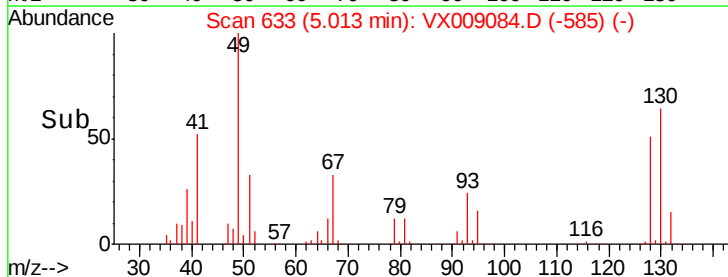
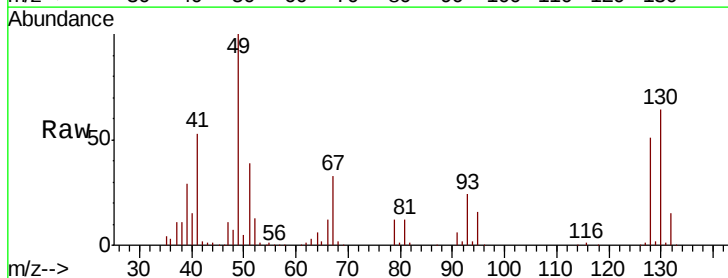
Tot Ion	96	Resp	141486
Ion Ratio	Lower	Upper	
96	100		
61	163.4	0.0	322.0
98	64.9	0.0	128.4

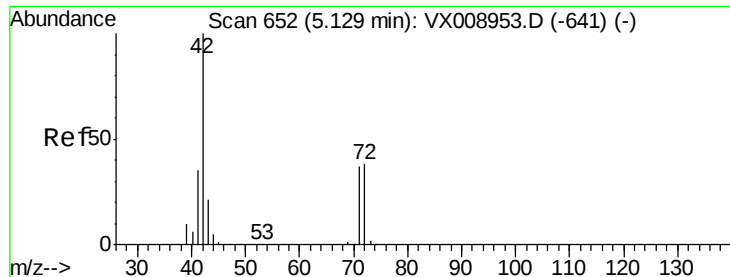


#28

Bromochloromethane
Concen: 49.284 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX009084.D
Acq: 22 Apr 2019 09:51

Tgt Ion	49	Resp	108852
Ion Ratio	Lower	Upper	
49	100		
129	1.1	0.0	3.6
130	63.6	50.4	75.6

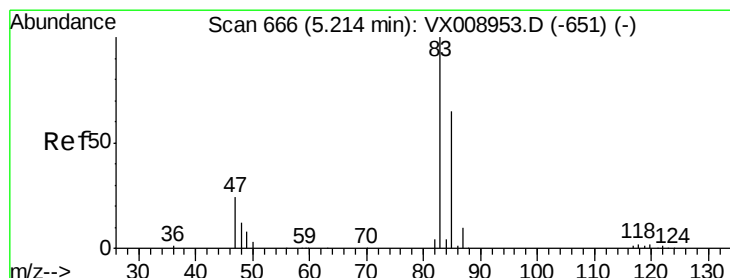
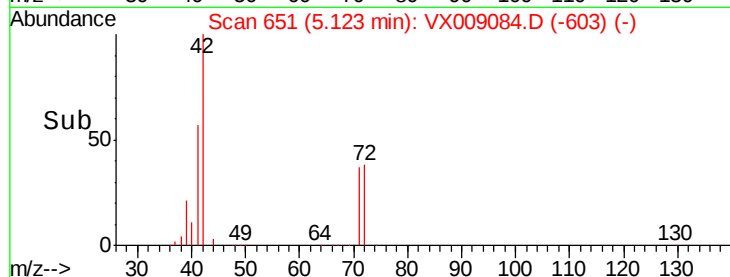
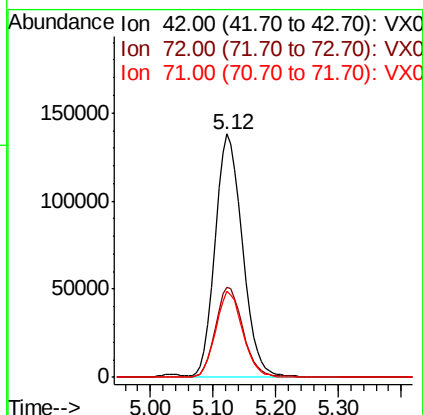
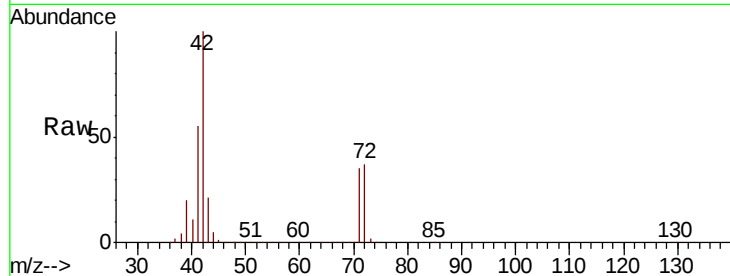




#29
Tetrahydrofuran
Concen: 228.170 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX009084.D
Acq: 22 Apr 2019 09:51

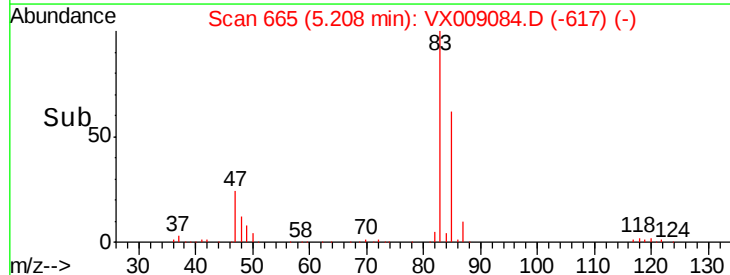
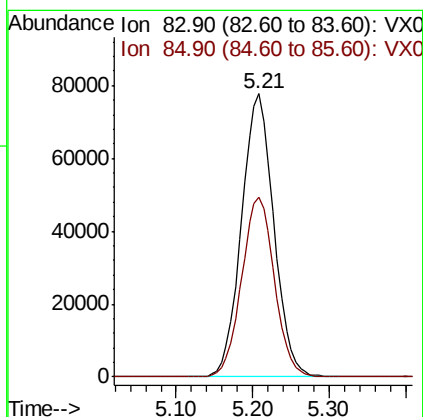
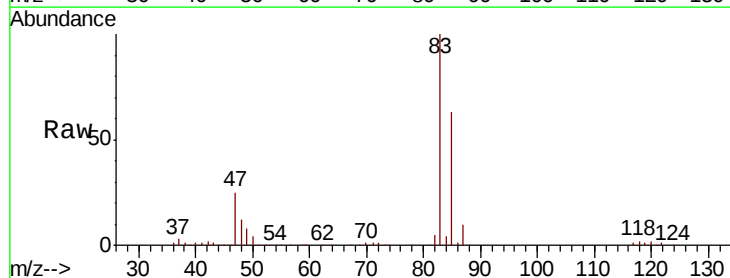
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

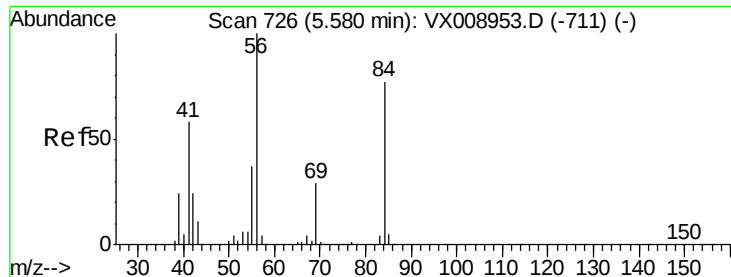
Tot Ion: 42 Resp: 415443
Ion Ratio Lower Upper
42 100
72 37.8 30.6 45.8
71 35.0 28.8 43.2



#30
Chloroform
Concen: 47.982 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX009084.D
Acq: 22 Apr 2019 09:51

Tgt Ion: 83 Resp: 228184
Ion Ratio Lower Upper
83 100
85 63.3 51.9 77.9





#31

Cyclohexane

Concen: 50.077 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX009084.D

Acq: 22 Apr 2019 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

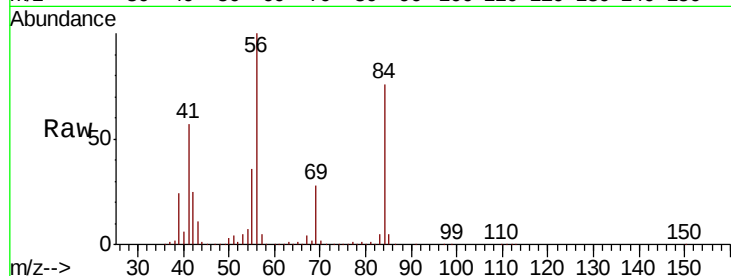
Tot Ion: 56 Resp: 261753

Ion Ratio Lower Upper

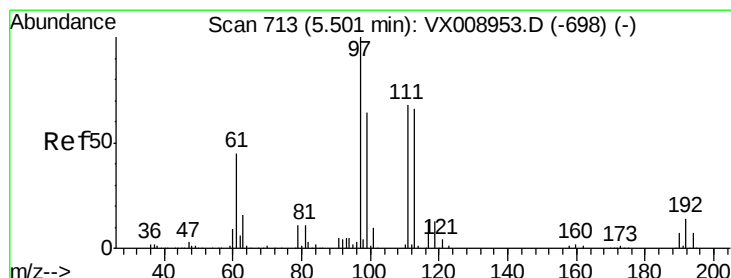
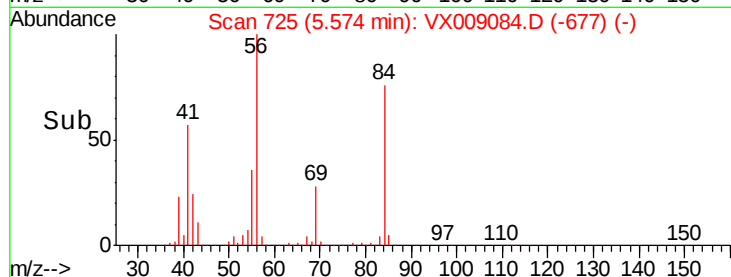
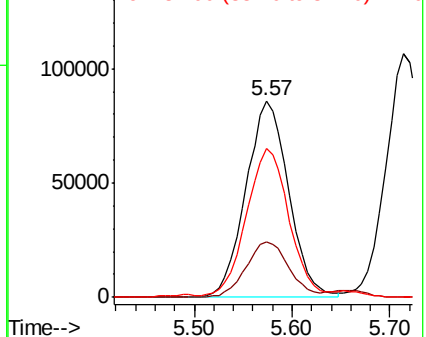
56 100

69 28.4 23.3 34.9

84 74.6 61.7 92.5



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 48.609 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX009084.D

Acq: 22 Apr 2019 09:51

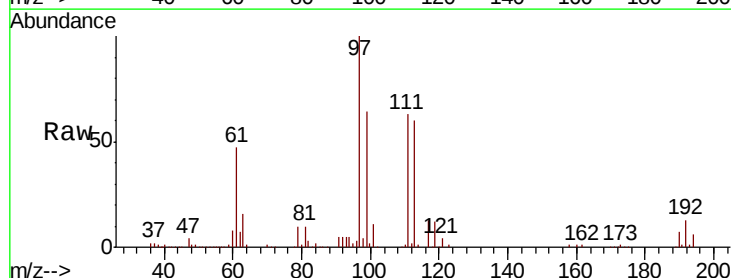
Tgt Ion: 97 Resp: 191592

Ion Ratio Lower Upper

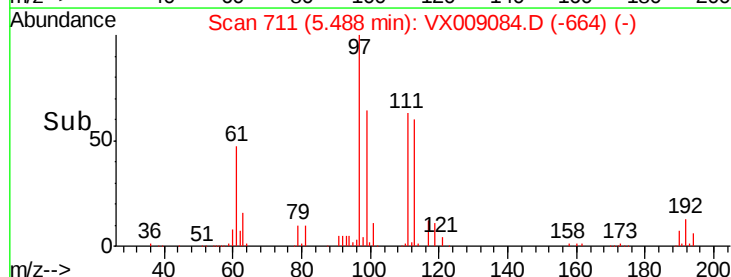
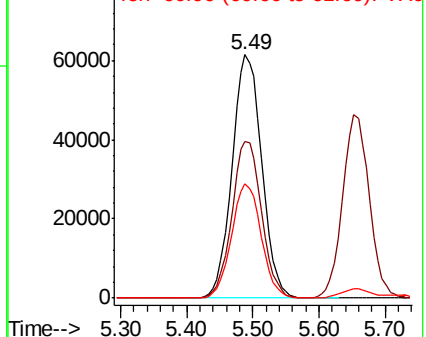
97 100

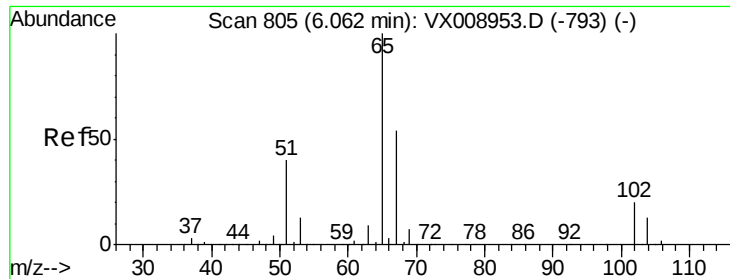
99 64.2 51.6 77.4

61 46.9 37.9 56.9



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 45.488 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX009084.D

Acq: 22 Apr 2019 09:51

Instrument :

MSVOA_X

ClientSampleId :

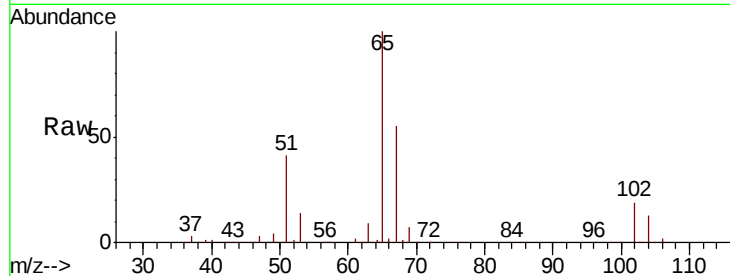
VSTDCCC050

Tot Ion: 65 Resp: 149281

Ion Ratio Lower Upper

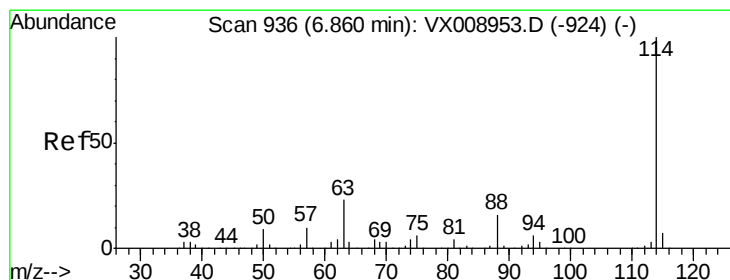
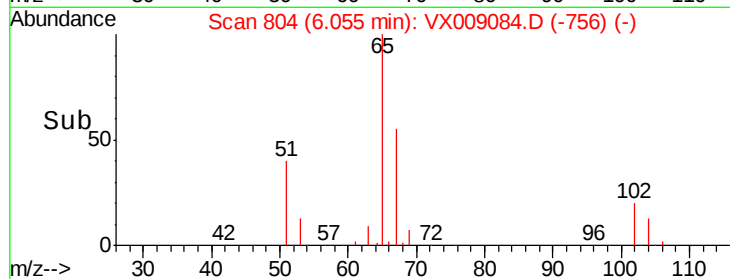
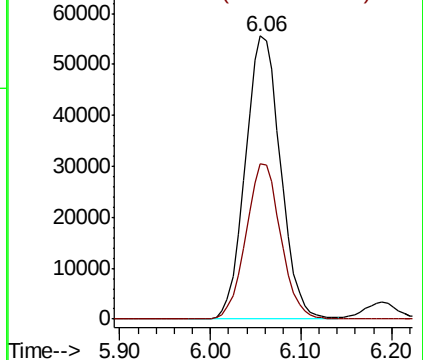
65 100

67 54.2 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX009084.D

Acq: 22 Apr 2019 09:51

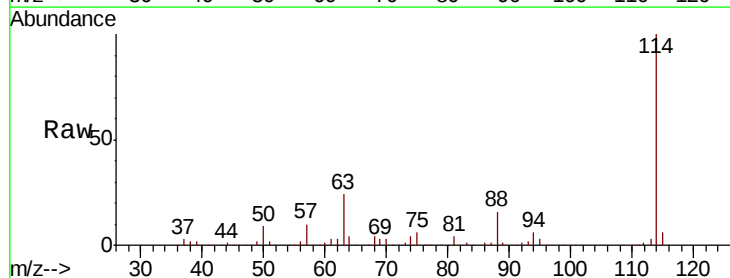
Tgt Ion: 114 Resp: 370323

Ion Ratio Lower Upper

114 100

63 23.6 0.0 46.0

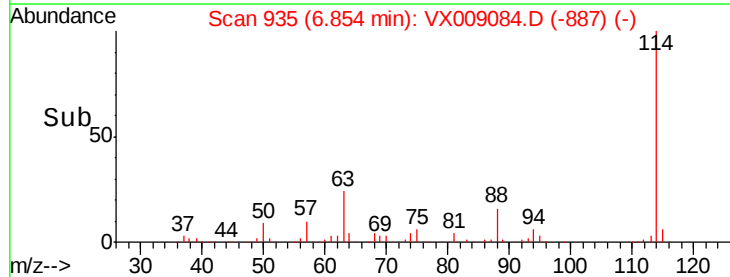
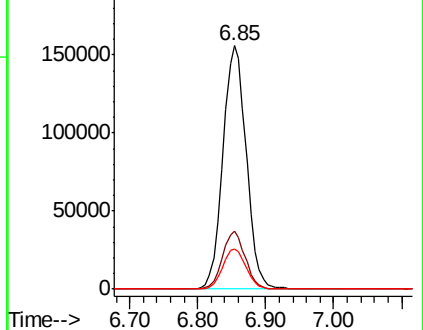
88 16.4 0.0 32.6

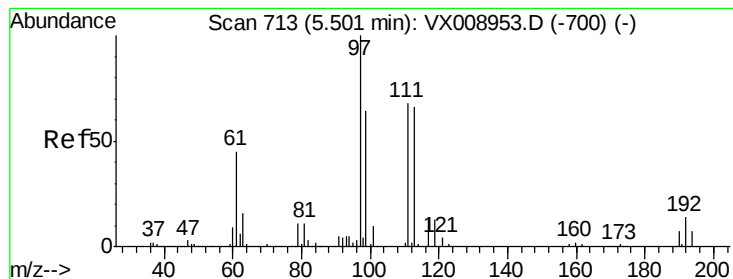


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.659 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX009084.D

Acq: 22 Apr 2019 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

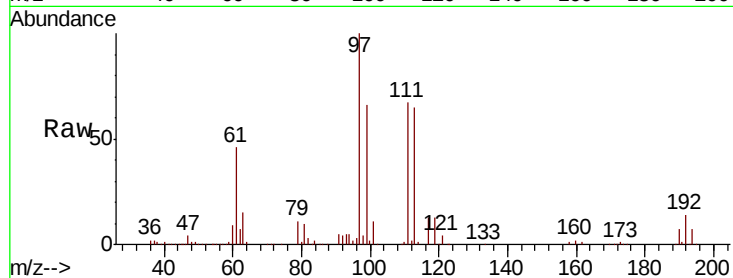
Tot Ion:113 Resp: 110893

Ion Ratio Lower Upper

113 100

111 103.6 82.9 124.3

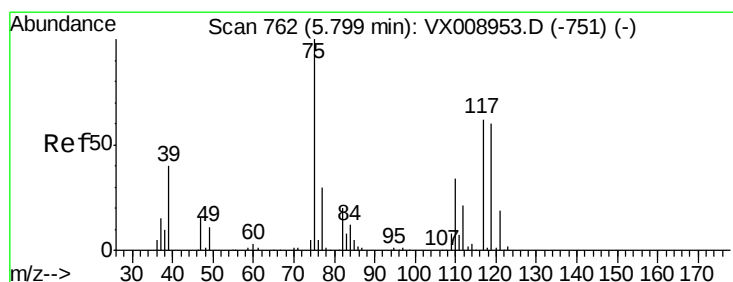
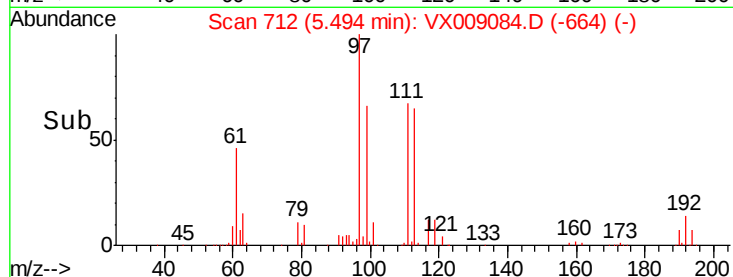
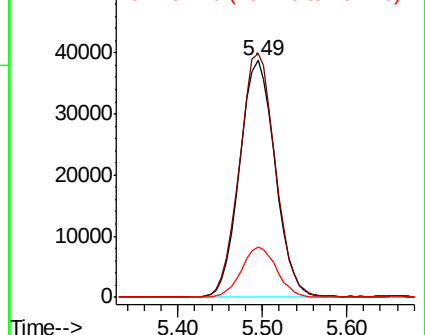
192 21.0 17.4 26.0



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: 48.485 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX009084.D

Acq: 22 Apr 2019 09:51

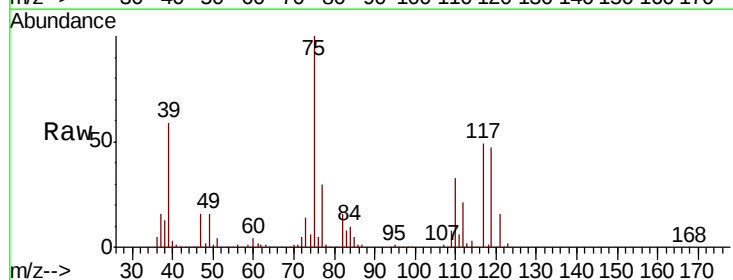
Tgt Ion: 75 Resp: 185696

Ion Ratio Lower Upper

75 100

110 33.2 16.9 50.7

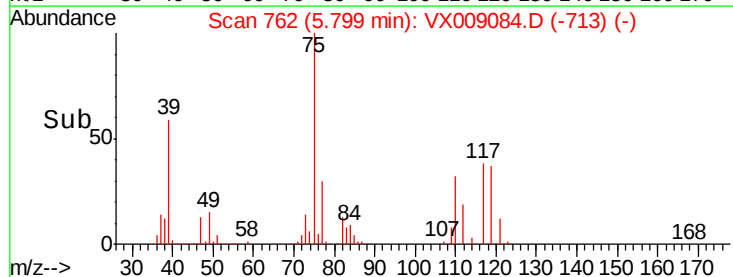
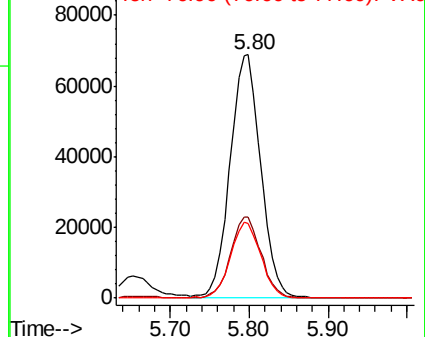
77 30.6 25.0 37.4

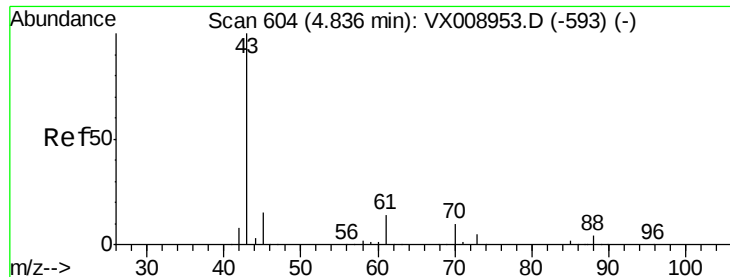


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

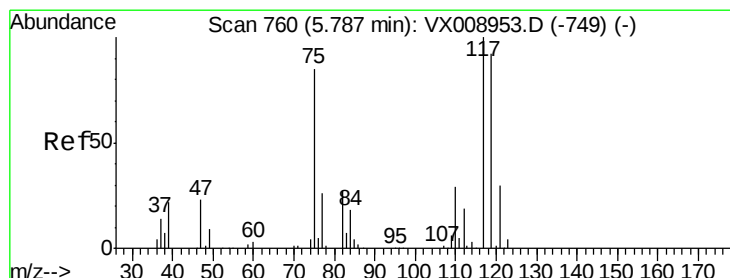
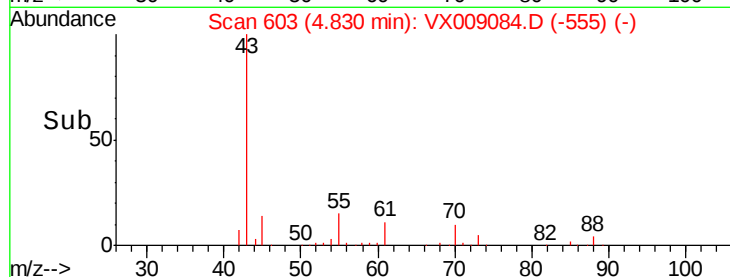
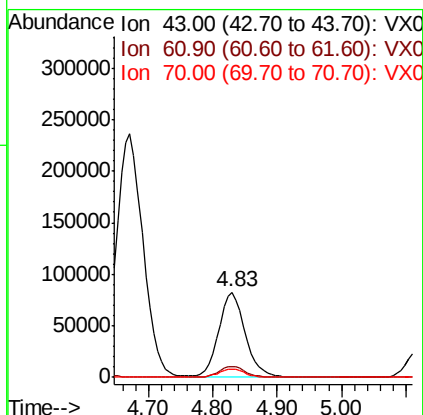
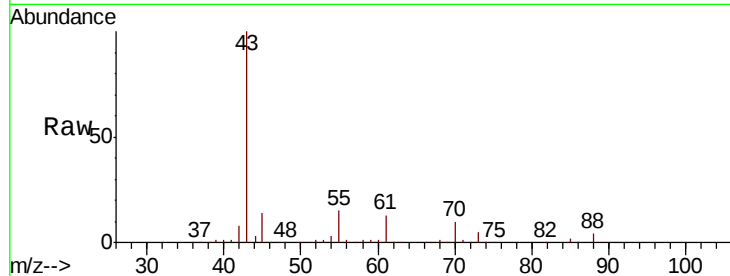




#37
Ethyl Acetate
Concen: 48.583 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX009084.D
Acq: 22 Apr 2019 09:51

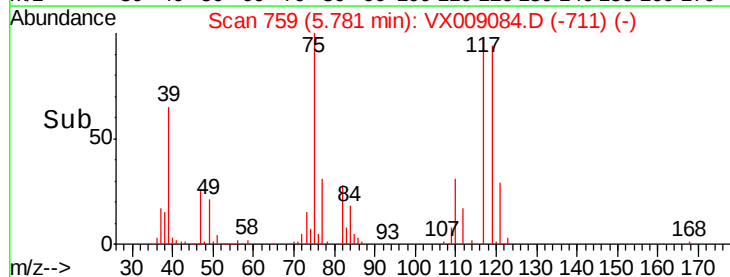
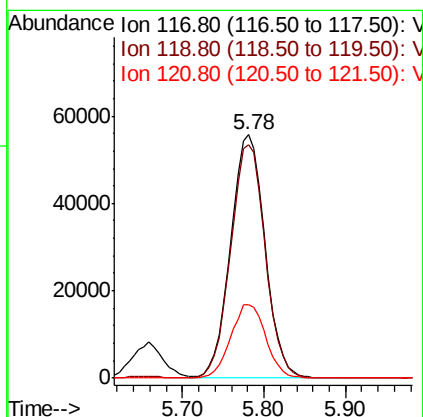
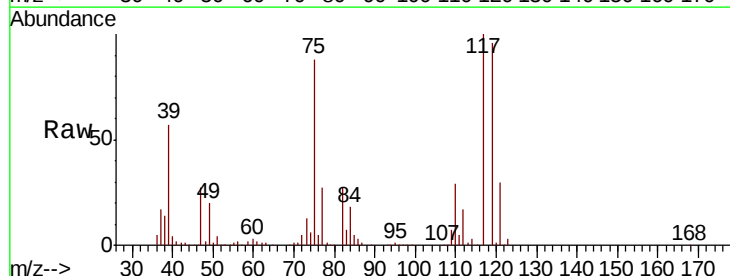
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

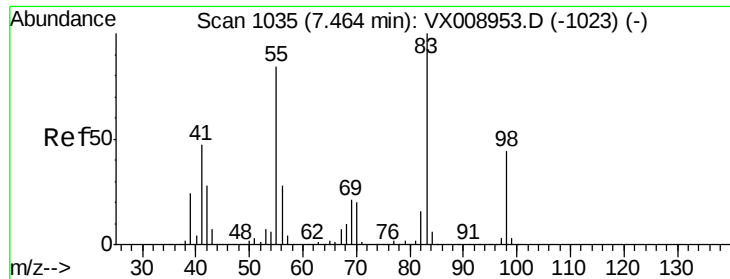
Tot Ion: 43 Resp: 239431
Ion Ratio Lower Upper
43 100
61 13.7 10.6 15.8
70 9.6 7.7 11.5



#38
Carbon Tetrachloride
Concen: 50.053 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX009084.D
Acq: 22 Apr 2019 09:51

Tgt Ion: 117 Resp: 162518
Ion Ratio Lower Upper
117 100
119 95.8 73.8 110.8
121 30.3 23.6 35.4

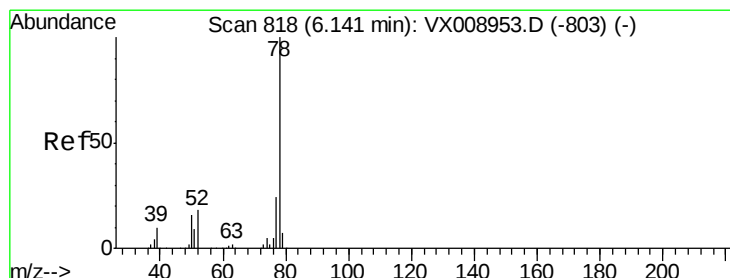
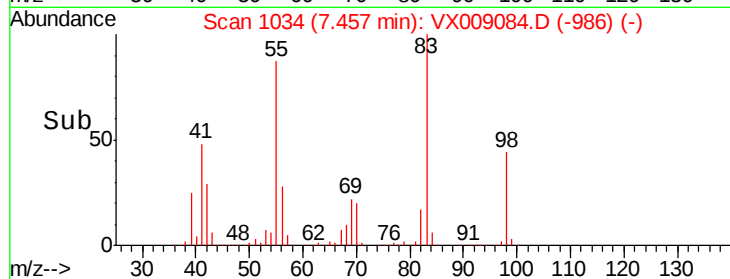
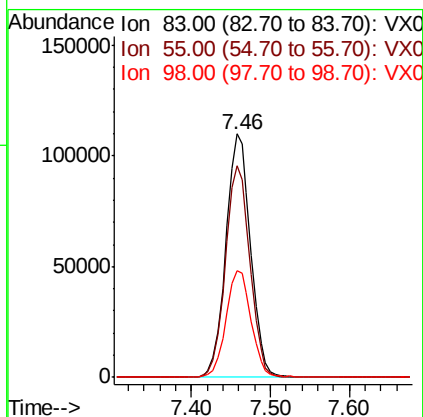
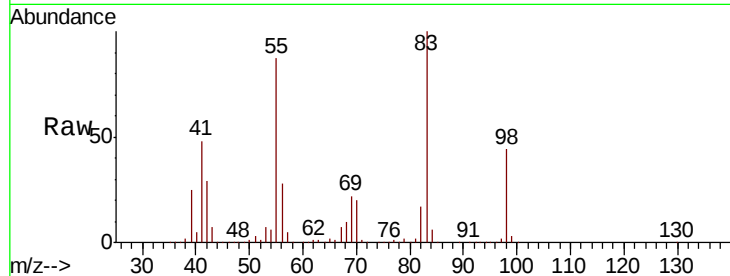




#39
Methvlcvclohexane
Concen: 50.976 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX009084.D
Acq: 22 Apr 2019 09:51

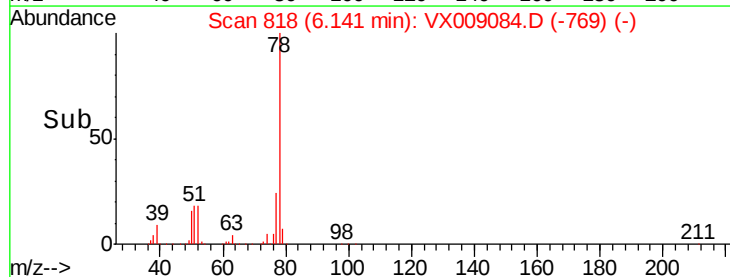
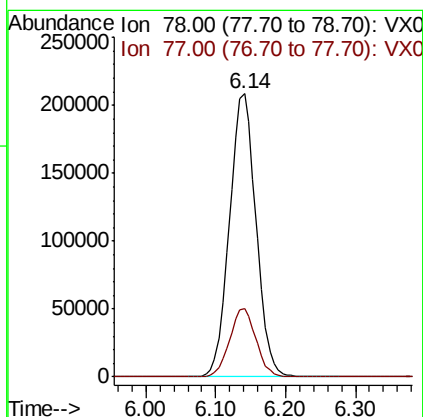
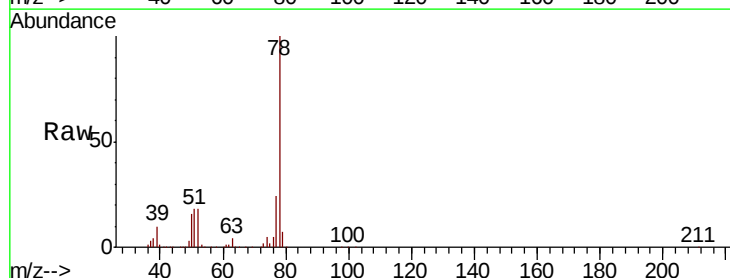
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

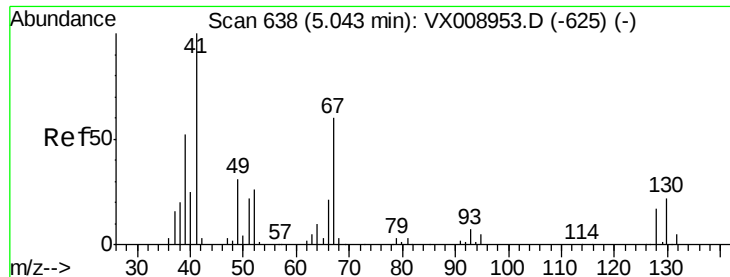
Tot Ion: 83 Resp: 237705
Ion Ratio Lower Upper
83 100
55 86.6 67.1 100.7
98 43.8 35.1 52.7



#40
Benzene
Concen: 48.711 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009084.D
Acq: 22 Apr 2019 09:51

Tgt Ion: 78 Resp: 550366
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.6





#41

Methacrylonitrile

Concen: 48.225 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX009084.D

Acq: 22 Apr 2019 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 136404

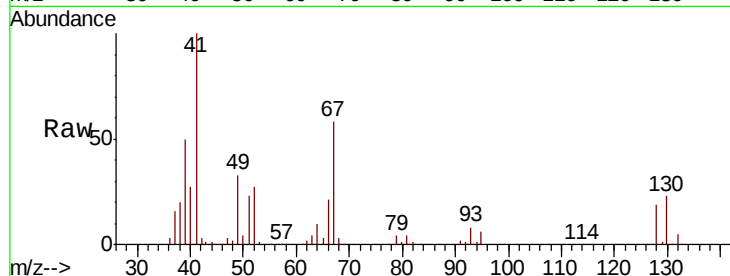
Ion Ratio Lower Upper

41 100

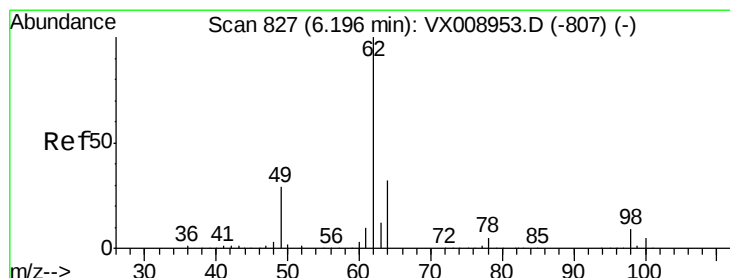
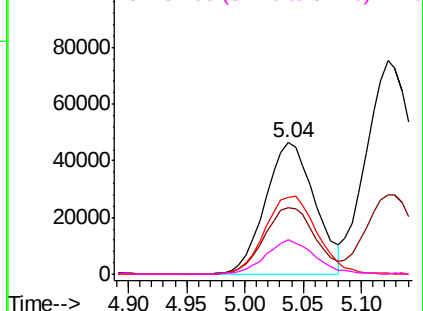
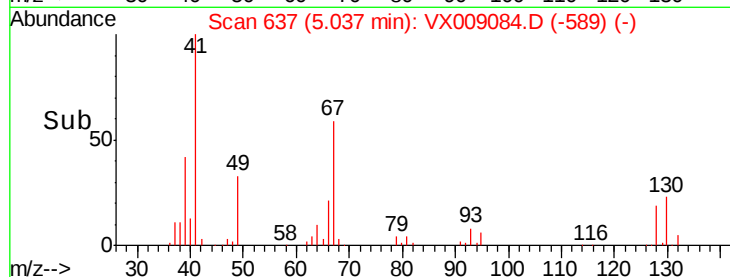
39 51.8 41.8 62.6

67 63.0 50.2 75.4

52 25.5 21.1 31.7



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: 48.026 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX009084.D

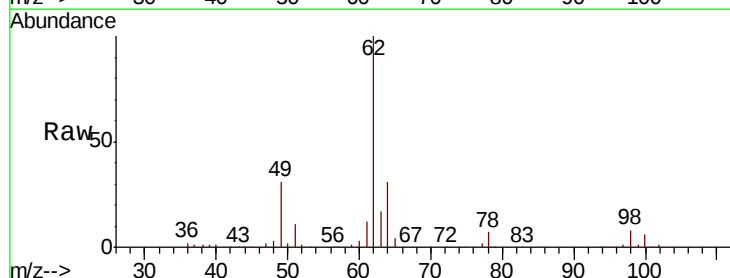
Acq: 22 Apr 2019 09:51

Tgt Ion: 62 Resp: 192220

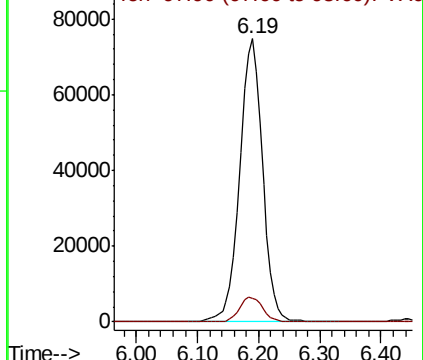
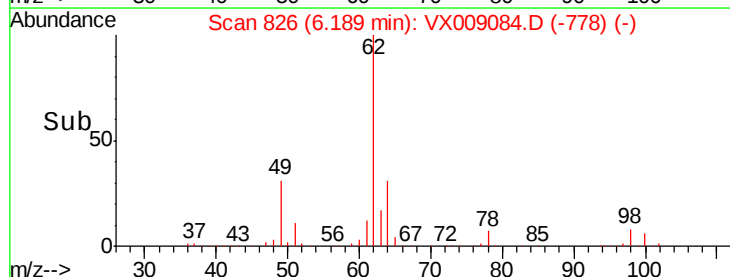
Ion Ratio Lower Upper

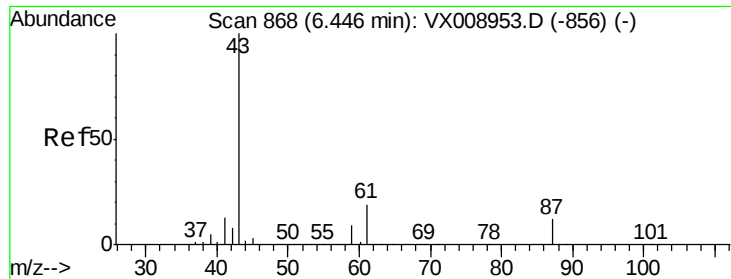
62 100

98 9.0 0.0 18.4



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



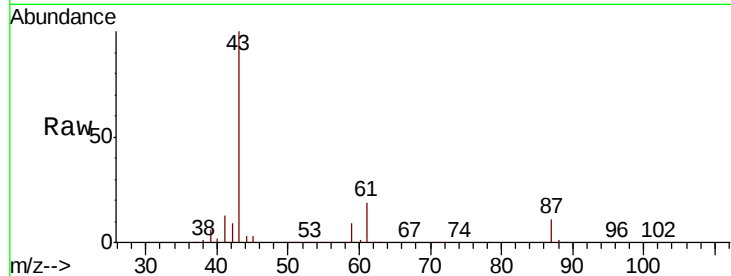


#43

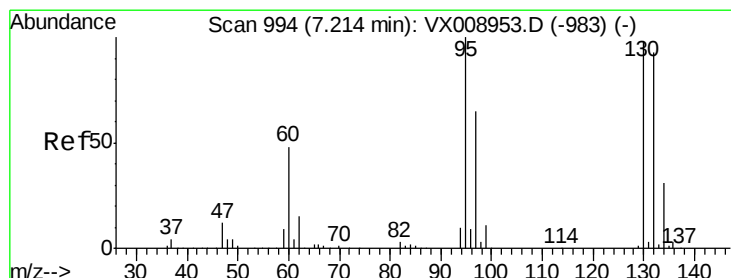
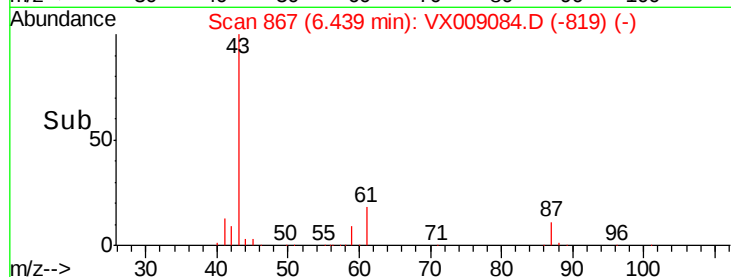
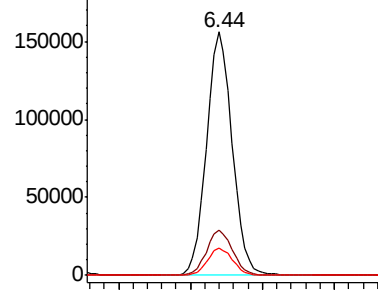
Isopropyl Acetate
 Concen: 48.468 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX009084.D
 Acq: 22 Apr 2019 09:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	43	Resp	384932
Ion Ratio	Lower	Upper	
43	100		
61	18.9	15.4	23.0
87	11.1	9.0	13.4



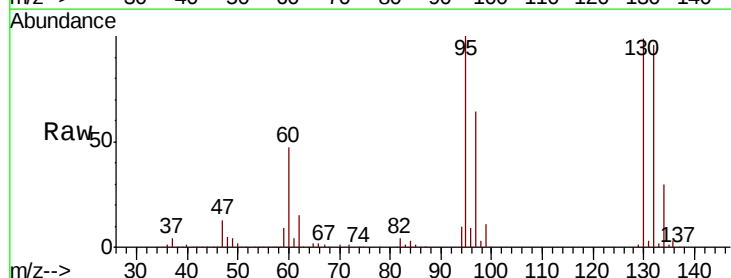
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



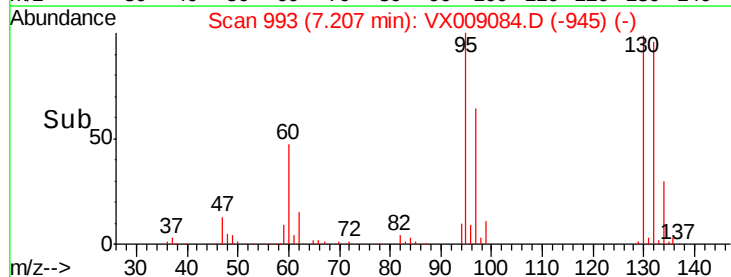
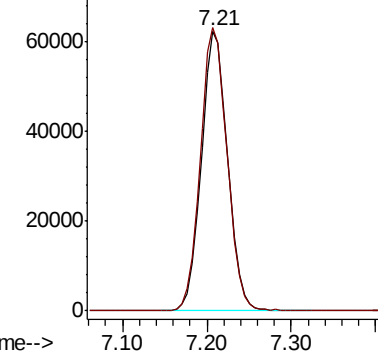
#44

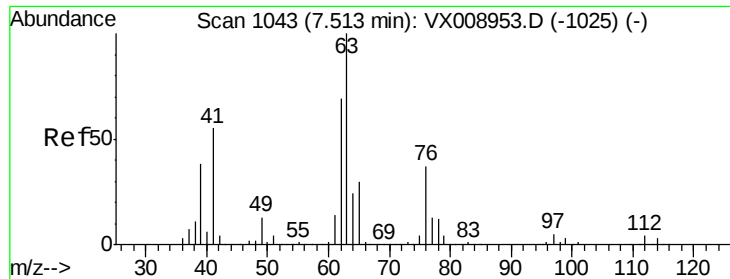
Trichloroethene
 Concen: 47.504 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX009084.D
 Acq: 22 Apr 2019 09:51

Tgt Ion	130	Resp	131509
Ion Ratio	Lower	Upper	
130	100		
95	101.1	0.0	203.2



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

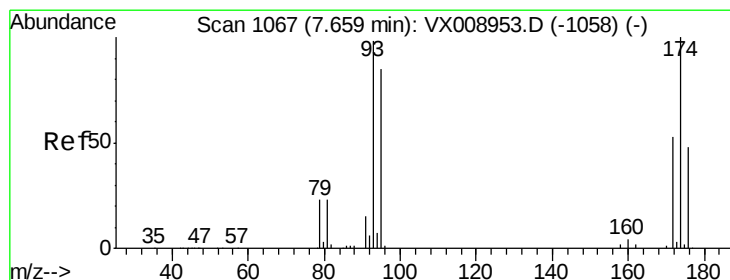
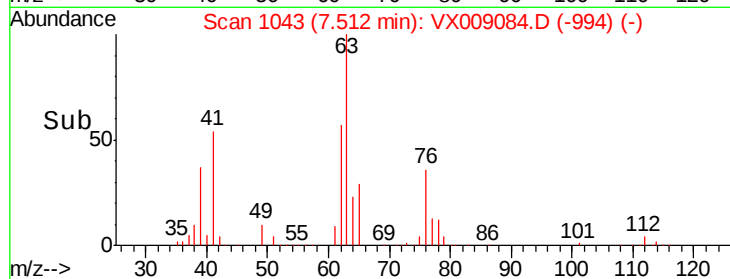
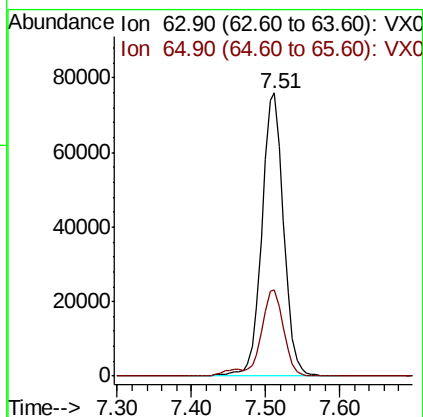
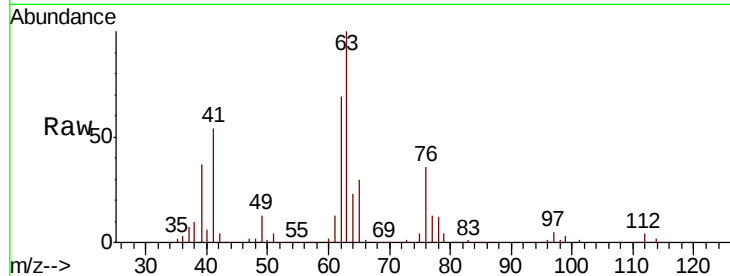




#45
 1,2-Dichloropropane
 Concen: 49.649 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX009084.D
 Acq: 22 Apr 2019 09:51

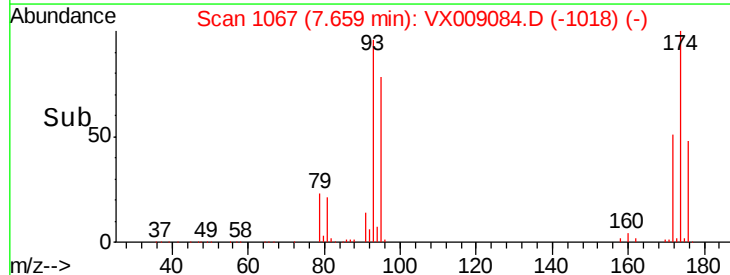
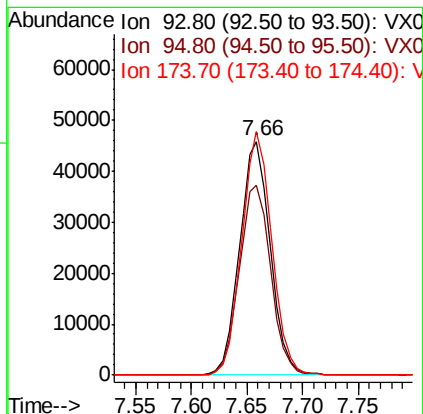
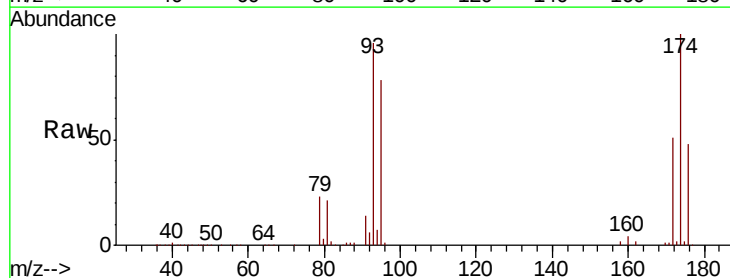
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

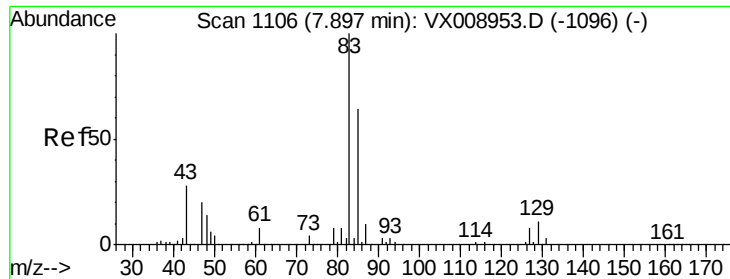
Tot Ion: 63 Resp: 155626
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.1 36.1



#46
 Dibromomethane
 Concen: 47.921 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX009084.D
 Acq: 22 Apr 2019 09:51

Tgt Ion: 93 Resp: 87418
 Ion Ratio Lower Upper
 93 100
 95 83.6 67.0 100.4
 174 103.1 81.6 122.4





#47

Bromodichloromethane

Concen: 49.858 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX009084.D

Acq: 22 Apr 2019 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

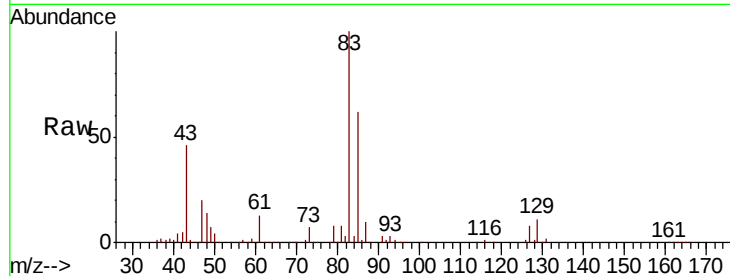
Tot Ion: 83 Resp: 178391

Ion Ratio Lower Upper

83 100

85 62.4 50.8 76.2

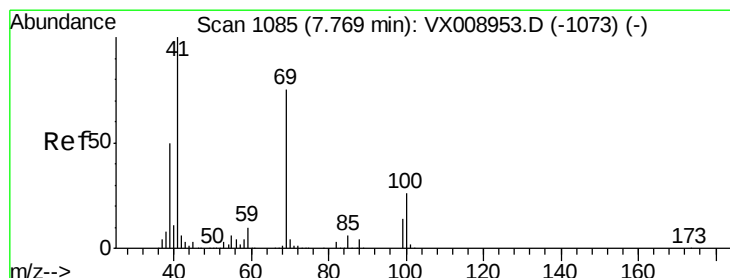
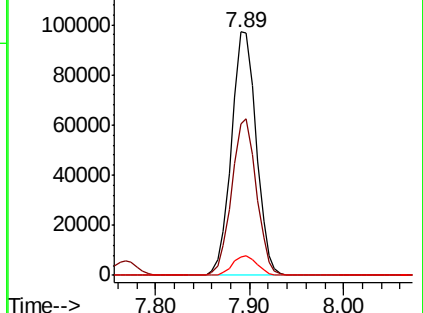
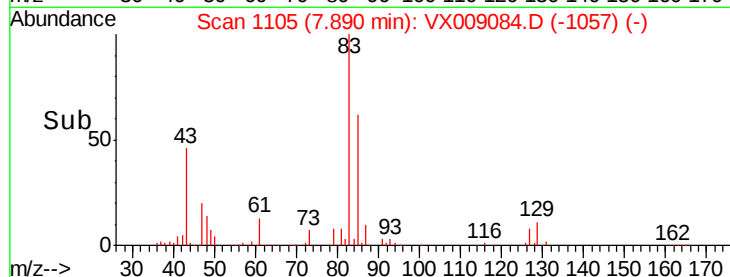
127 7.7 6.4 9.6



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: 48.893 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX009084.D

Acq: 22 Apr 2019 09:51

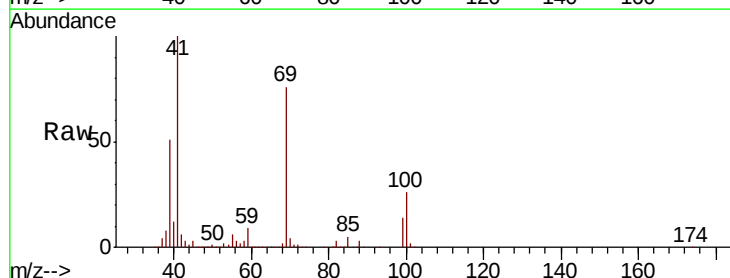
Tgt Ion: 41 Resp: 191866

Ion Ratio Lower Upper

41 100

69 74.2 59.4 89.2

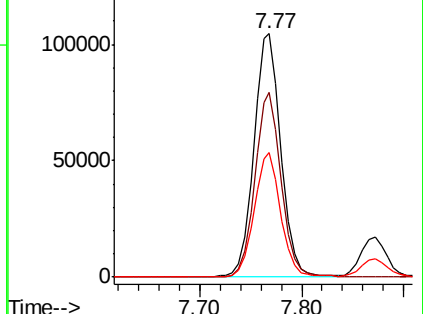
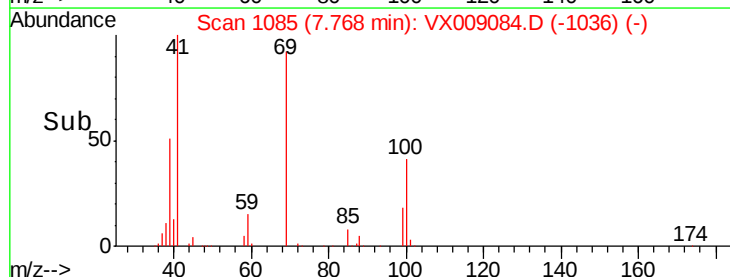
39 50.4 39.8 59.6

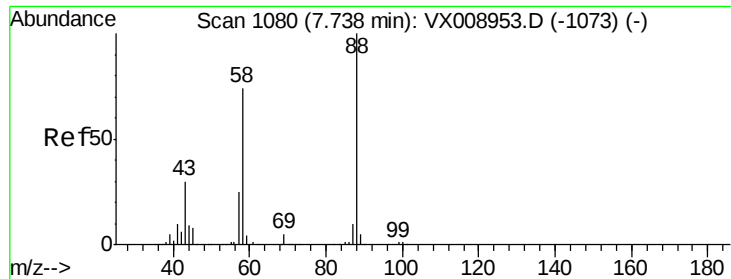


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

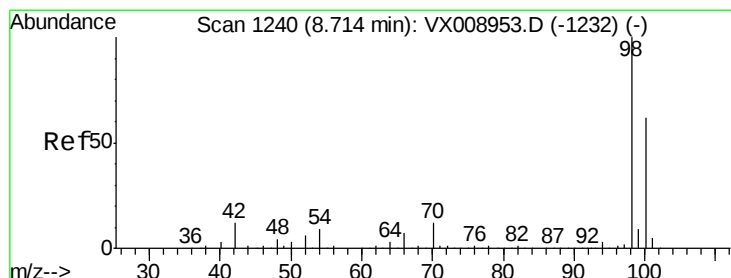
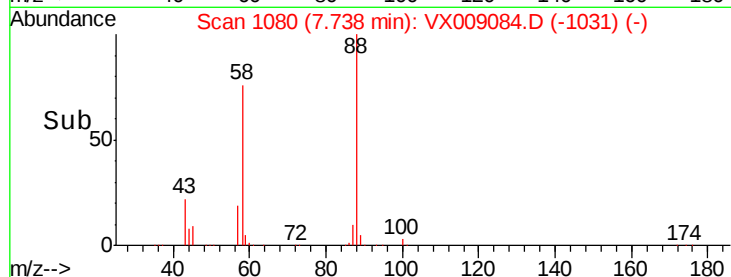
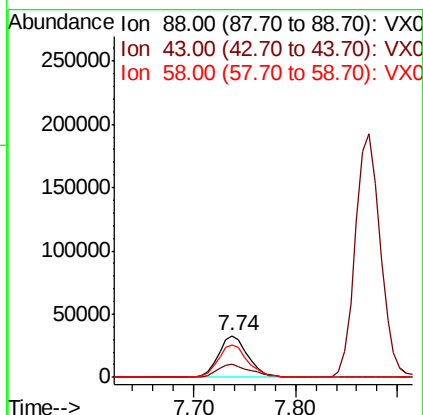
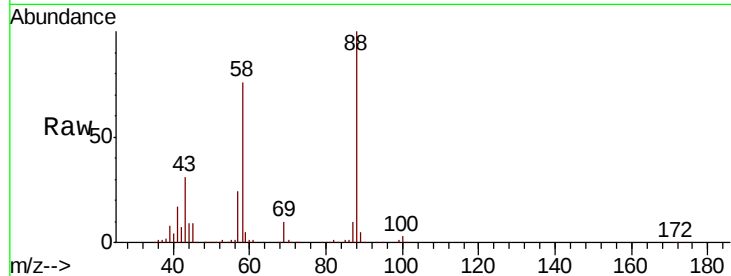




#49
1,4-Dioxane
Concen: 884.662 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX009084.D
Acq: 22 Apr 2019 09:51

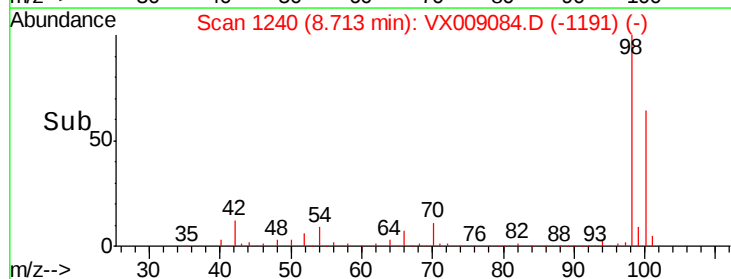
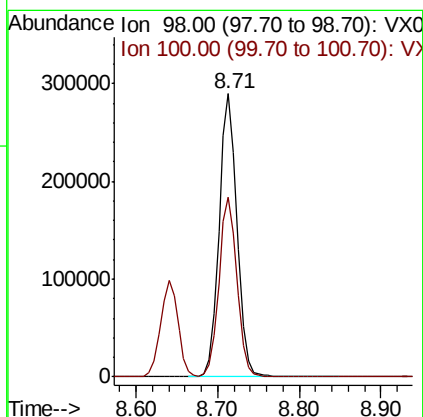
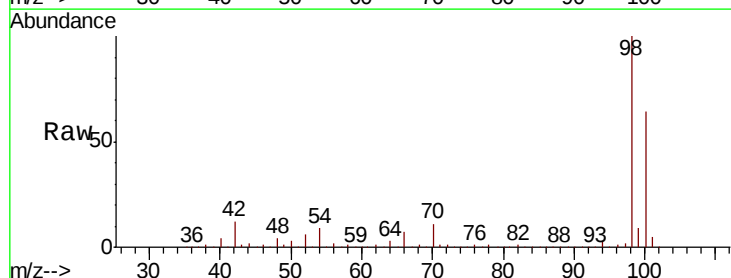
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

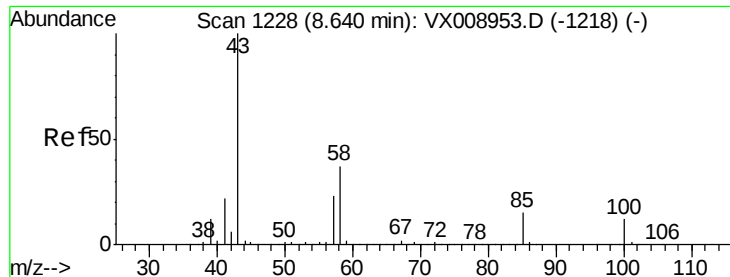
Tot Ion: 88 Resp: 64977
Ion Ratio Lower Upper
88 100
43 36.9 29.3 43.9
58 80.6 62.6 93.8



#50
Toluene-d8
Concen: 46.784 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009084.D
Acq: 22 Apr 2019 09:51

Tgt Ion: 98 Resp: 443431
Ion Ratio Lower Upper
98 100
100 64.4 51.4 77.2

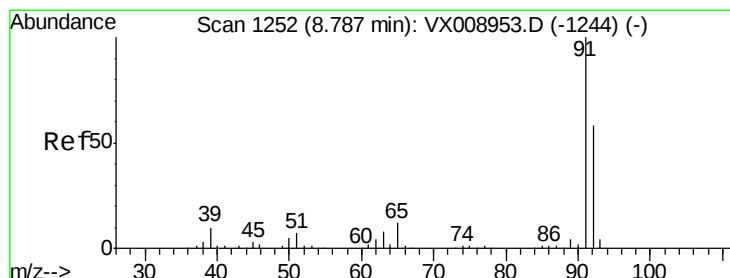
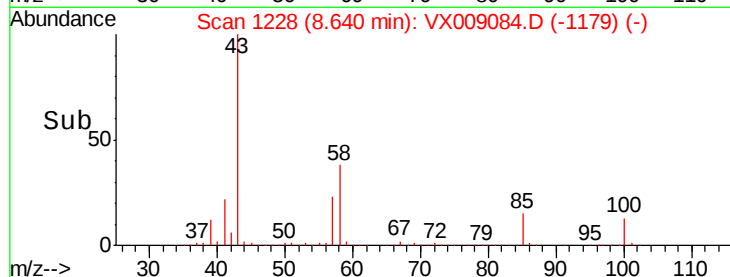
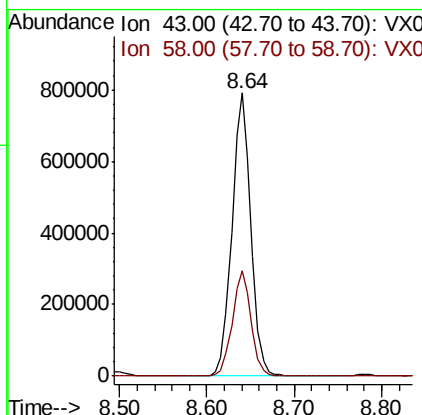
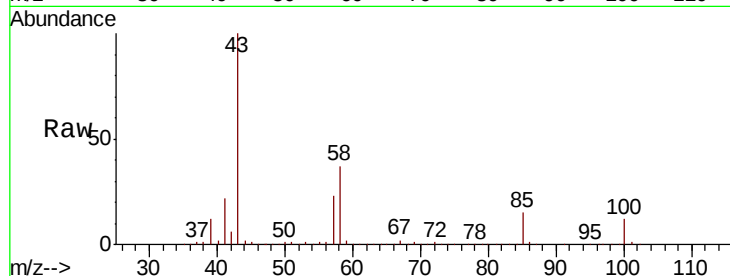




#51
4-Methyl-2-Pentanone
Concen: 235.579 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX009084.D
Acq: 22 Apr 2019 09:51

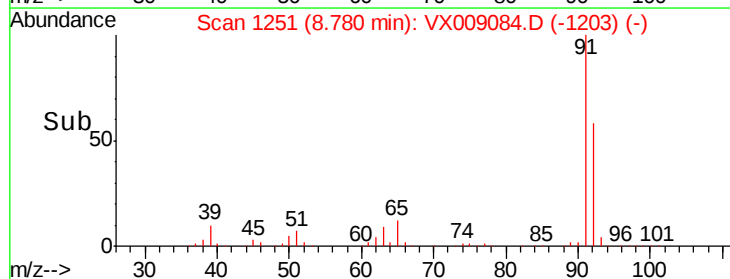
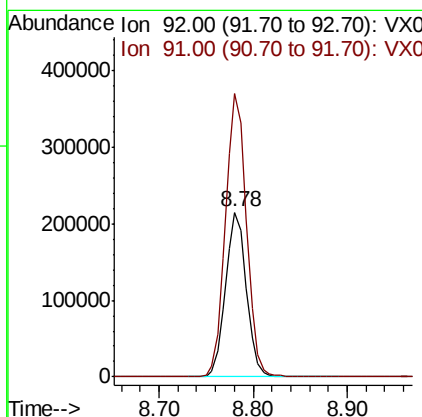
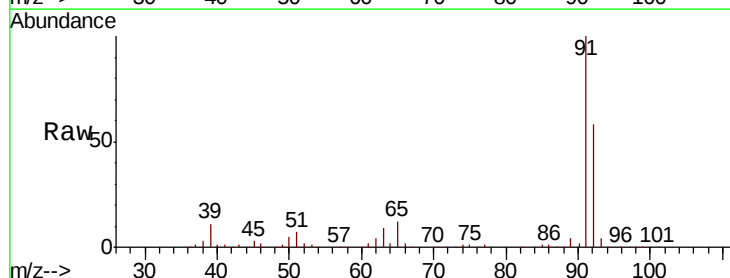
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

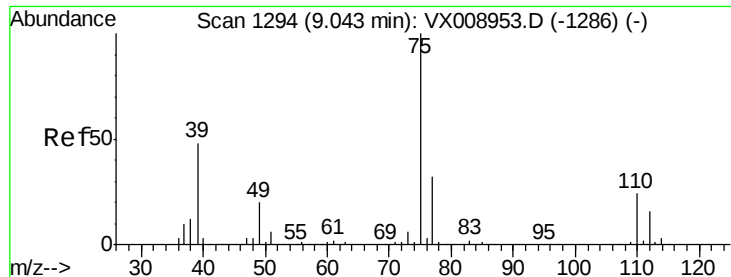
Tot Ion: 43 Resp: 1191937
Ion Ratio Lower Upper
43 100
58 36.8 29.8 44.6



#52
Toluene
Concen: 48.786 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX009084.D
Acq: 22 Apr 2019 09:51

Tgt Ion: 92 Resp: 330350
Ion Ratio Lower Upper
92 100
91 173.9 138.5 207.7

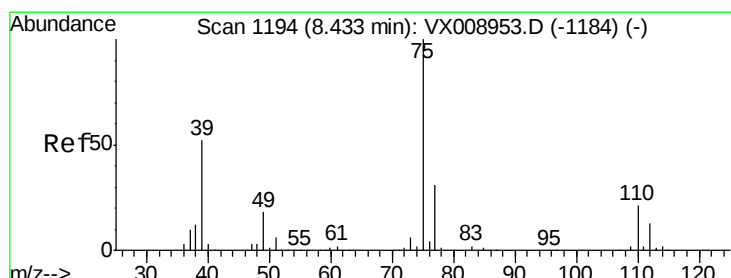
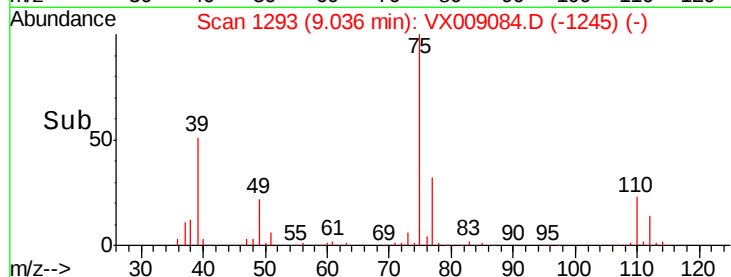
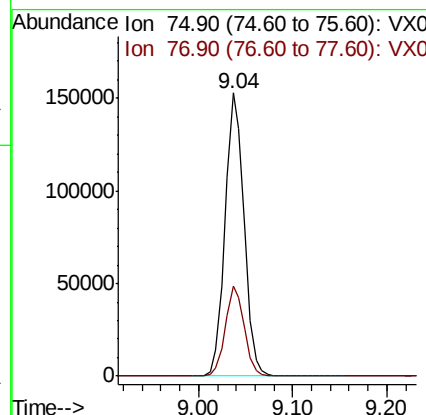
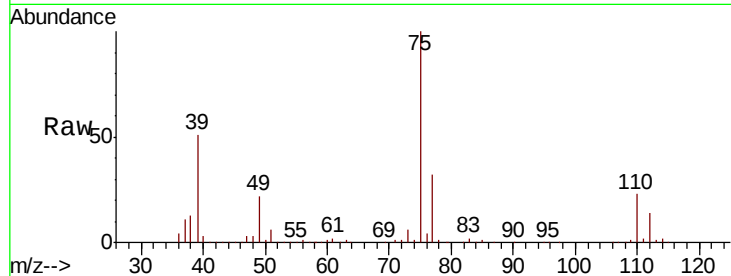




#53
t-1,3-Dichloropropene
Concen: 51.813 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VX009084.D
Acq: 22 Apr 2019 09:51

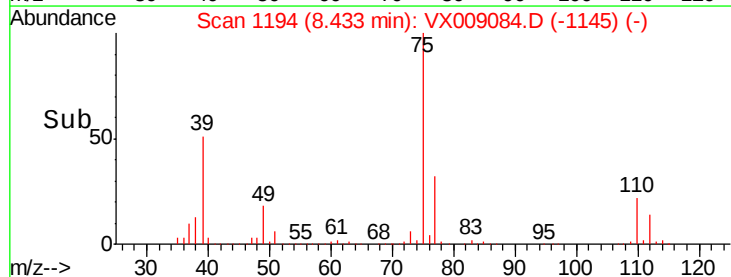
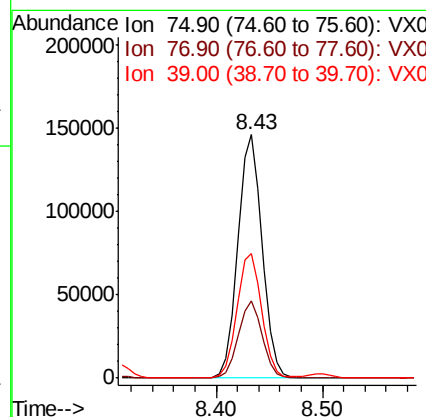
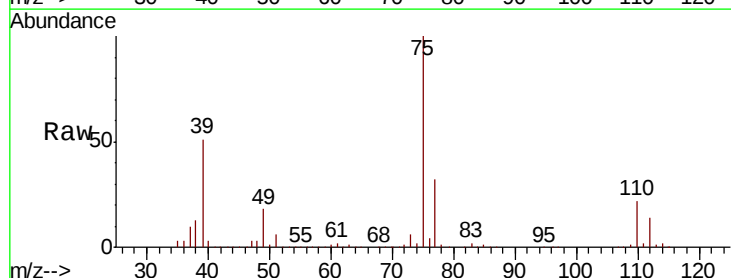
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 213353
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 50.829 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX009084.D
Acq: 22 Apr 2019 09:51

Tgt Ion: 75 Resp: 234357
Ion Ratio Lower Upper
75 100
77 31.6 24.8 37.2
39 51.2 41.8 62.6





#55

1,1,2-Trichloroethane

Concen: 48.743 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX009084.D

Acq: 22 Apr 2019 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 130813

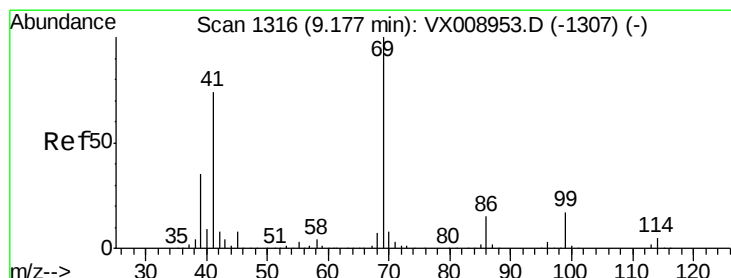
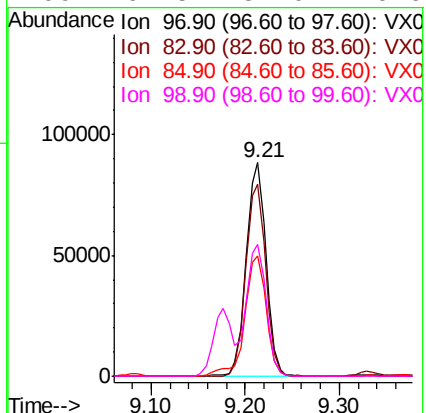
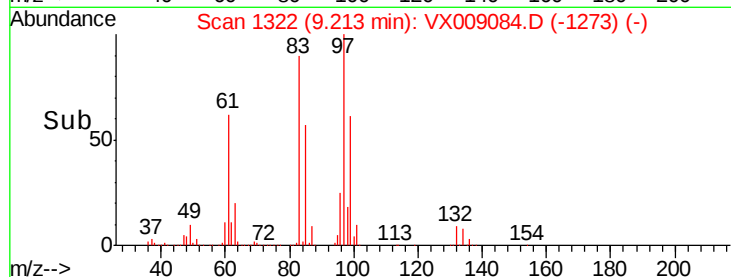
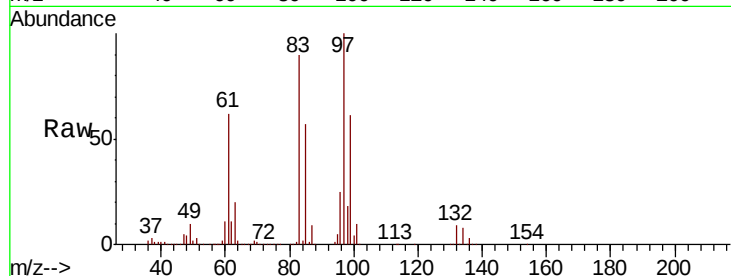
Ion	Ratio	Lower	Upper
97	100		
83	90.0	72.6	108.8
85	56.5	46.9	70.3
99	61.5	51.0	76.6

Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 48.772 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX009084.D

Acq: 22 Apr 2019 09:51

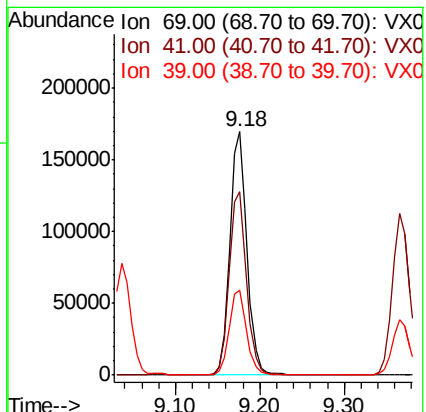
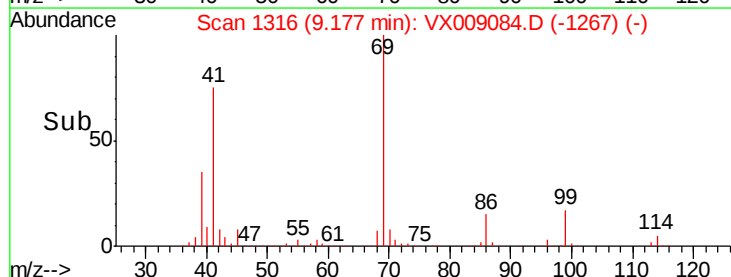
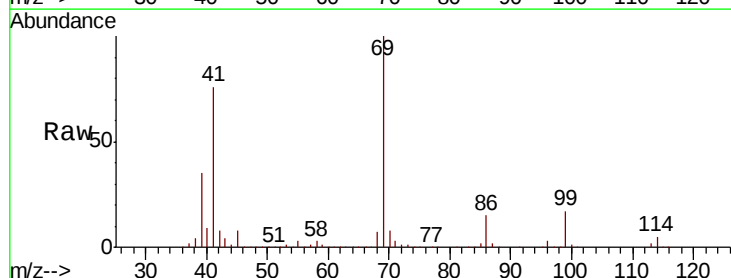
Tgt Ion: 69 Resp: 234698

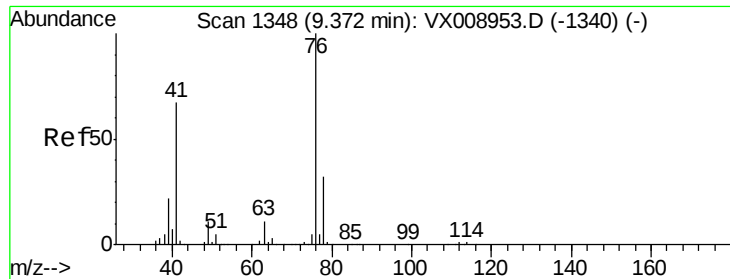
Ion	Ratio	Lower	Upper
69	100		
41	76.6	60.2	90.2
39	35.4	27.9	41.9

Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

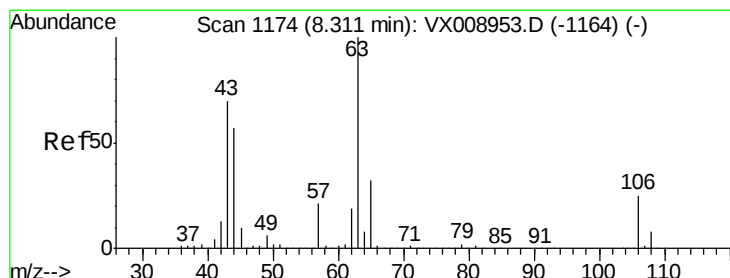
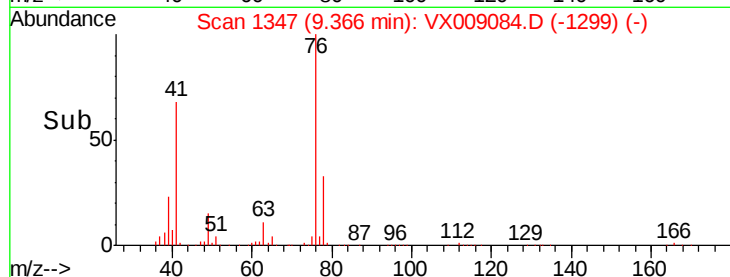
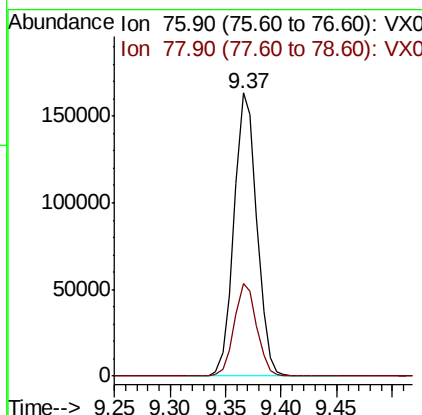
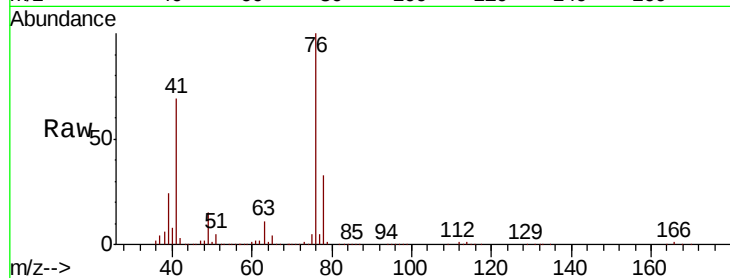




#57
 1,3-Dichloropropane
 Concen: 48.589 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: VX009084.D
 Acq: 22 Apr 2019 09:51

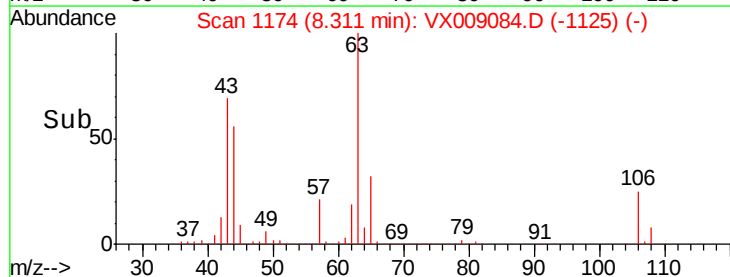
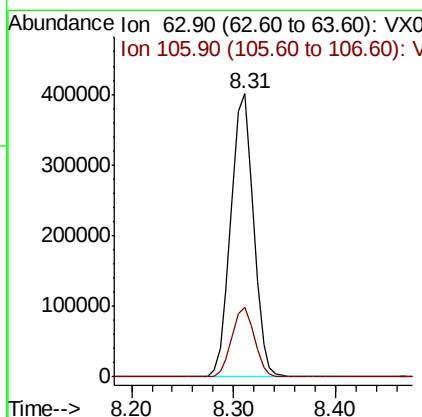
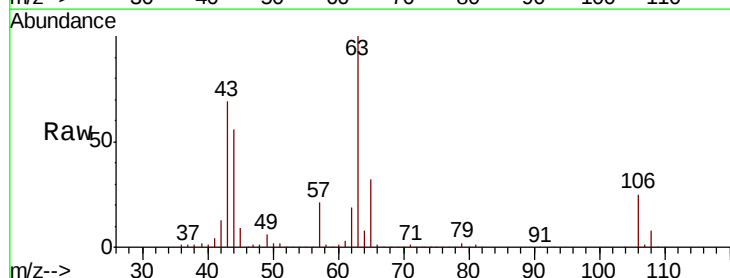
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

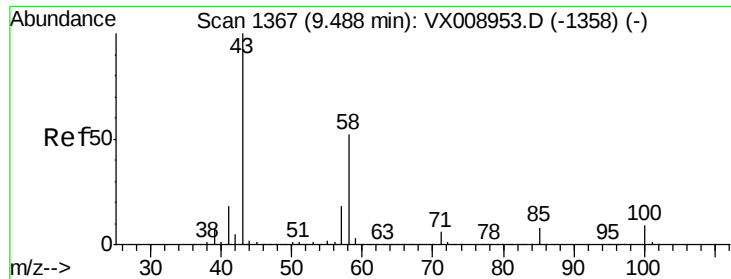
Tot Ion: 76 Resp: 232175
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 237.052 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX009084.D
 Acq: 22 Apr 2019 09:51

Tgt Ion: 63 Resp: 614287
 Ion Ratio Lower Upper
 63 100
 106 24.5 19.8 29.6

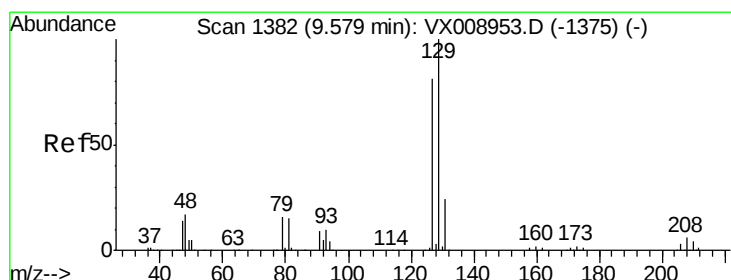
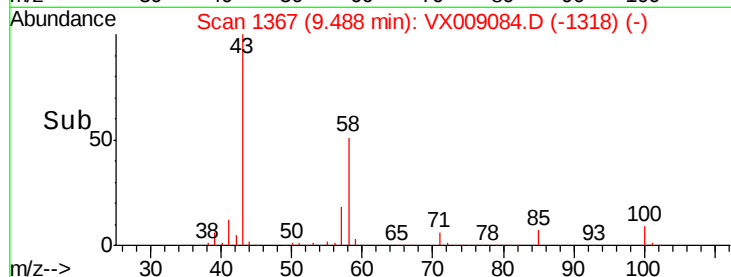
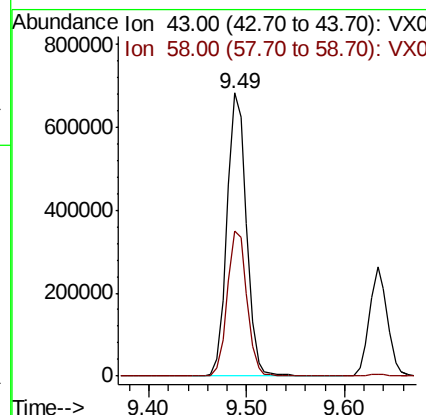
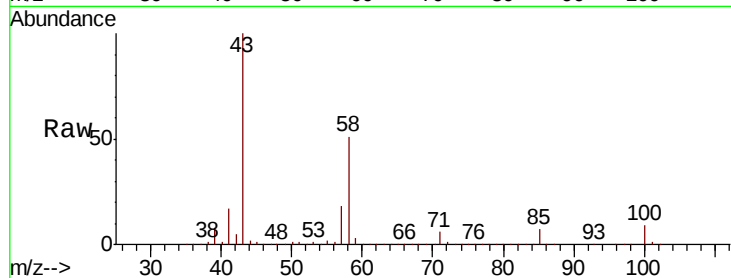




#59
2-Hexanone
Concen: 240.607 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX009084.D
Acq: 22 Apr 2019 09:51

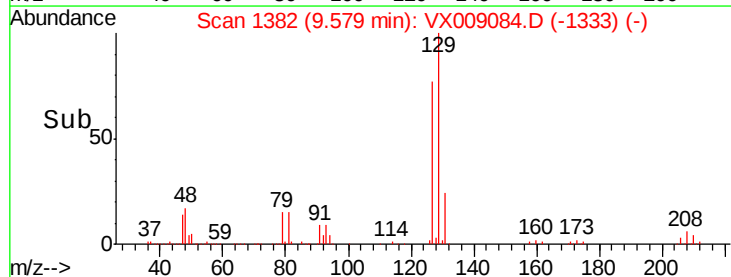
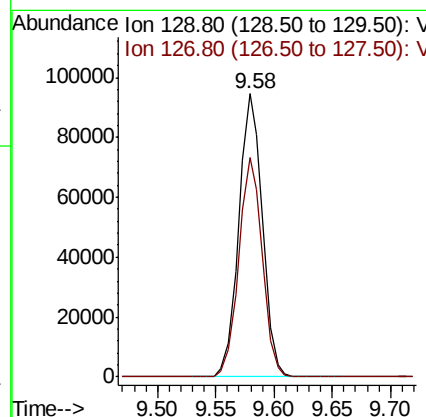
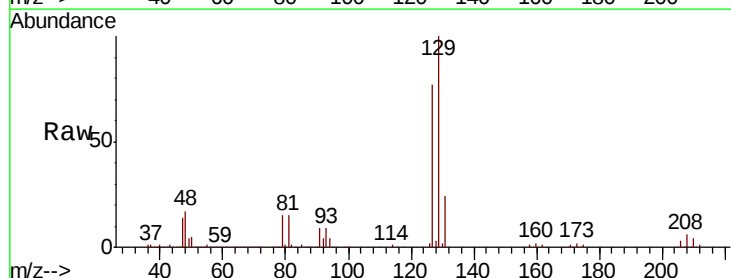
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

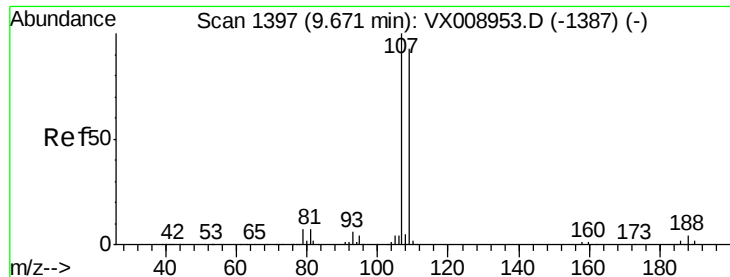
Tot Ion: 43 Resp: 938569
Ion Ratio Lower Upper
43 100
58 51.9 25.9 77.8



#60
Dibromochloromethane
Concen: 51.902 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009084.D
Acq: 22 Apr 2019 09:51

Tgt Ion:129 Resp: 133498
Ion Ratio Lower Upper
129 100
127 77.1 39.1 117.2





#61

1,2-Dibromoethane

Concen: 49.042 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009084.D

Acq: 22 Apr 2019 09:51

Instrument :

MSVOA_X

ClientSampleId :

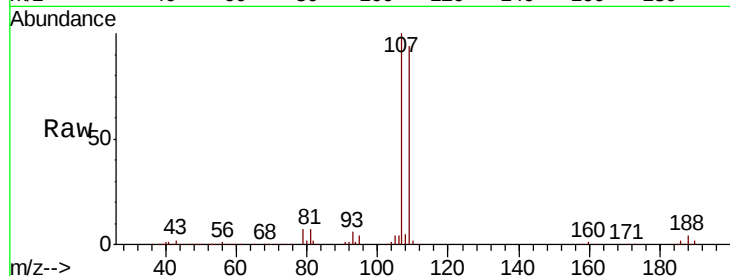
VSTDCCC050

Tot Ion:107 Resp: 135839

Ion Ratio Lower Upper

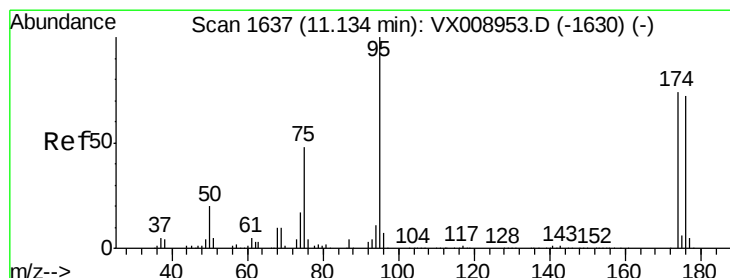
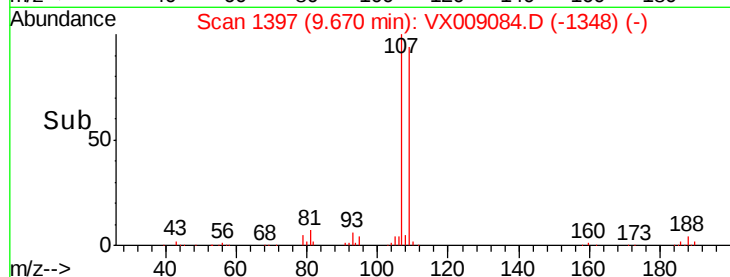
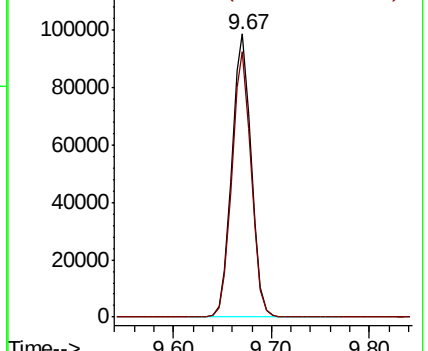
107 100

109 93.1 74.4 111.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.265 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009084.D

Acq: 22 Apr 2019 09:51

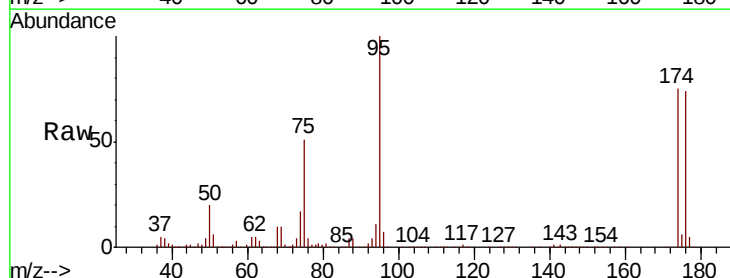
Tgt Ion: 95 Resp: 154794

Ion Ratio Lower Upper

95 100

174 79.8 0.0 159.6

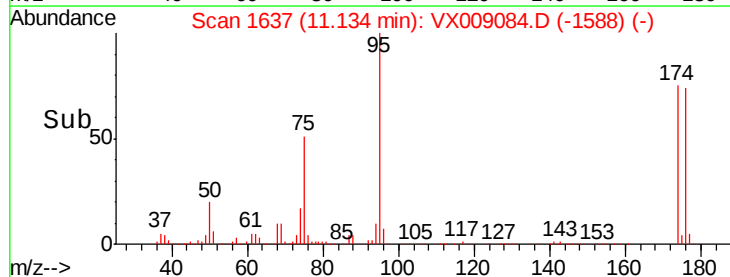
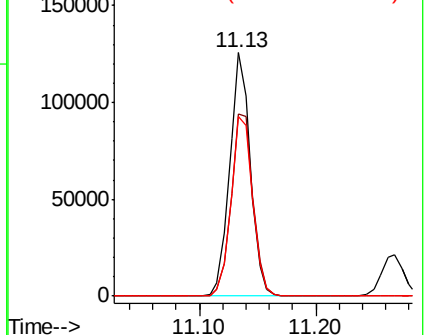
176 77.5 0.0 154.8

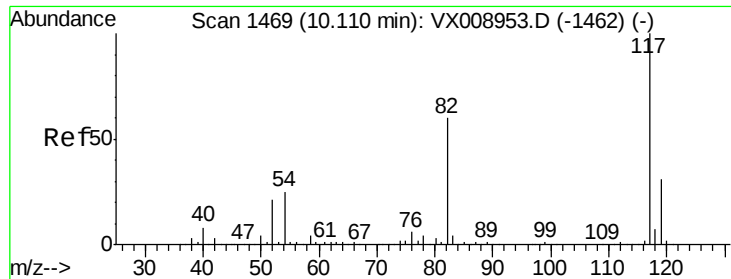


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

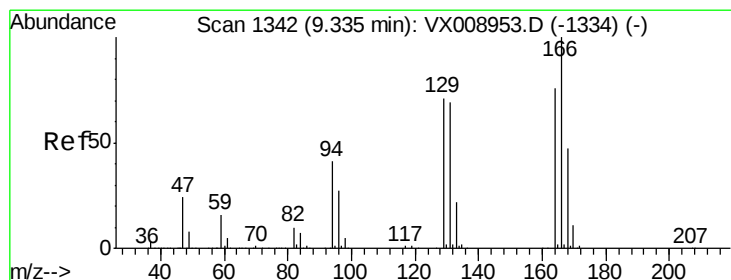
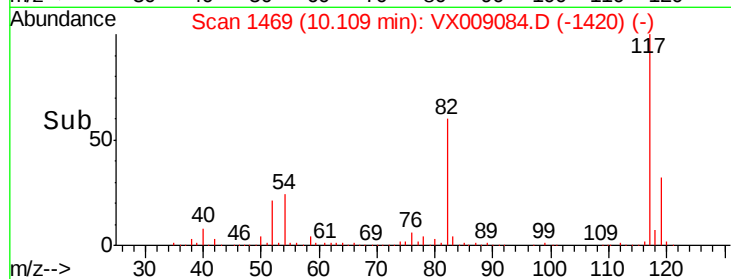
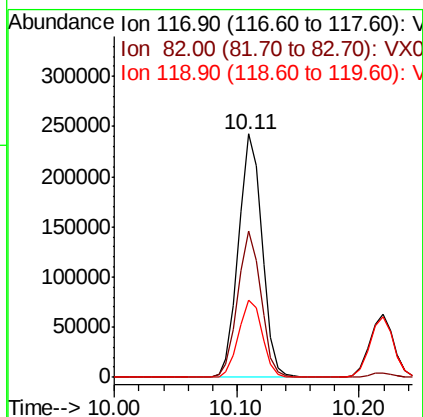
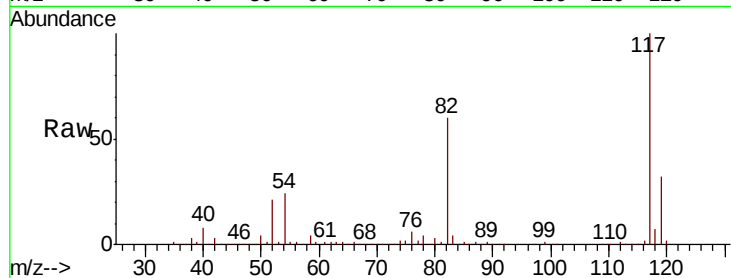




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009084.D
Acq: 22 Apr 2019 09:51

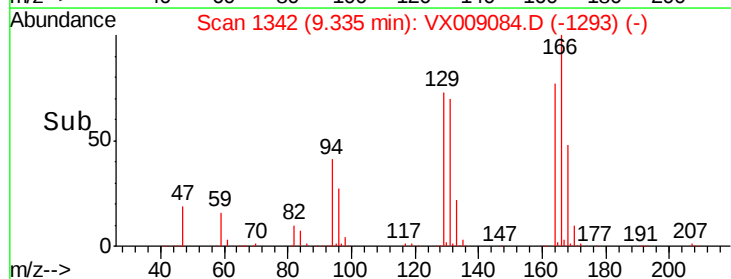
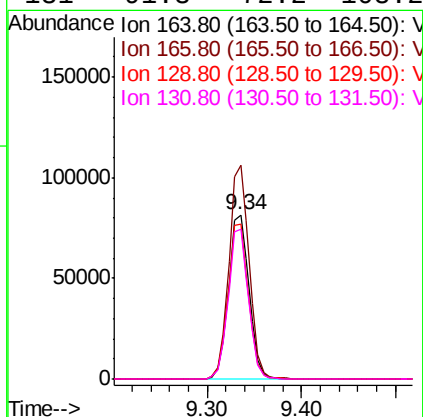
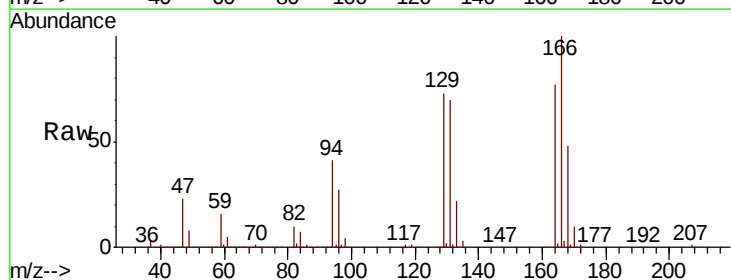
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

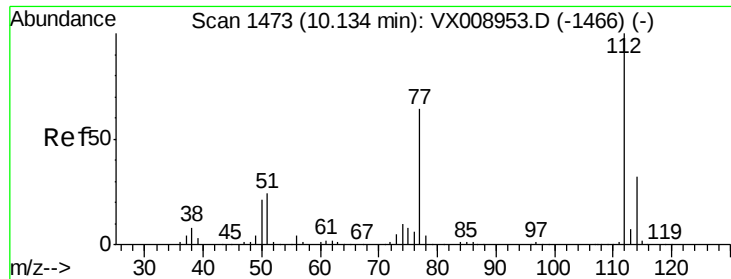
Tot Ion:117 Resp: 322869
Ion Ratio Lower Upper
117 100
82 60.0 48.2 72.4
119 31.7 25.0 37.6



#64
Tetrachloroethene
Concen: 49.990 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009084.D
Acq: 22 Apr 2019 09:51

Tgt Ion:164 Resp: 122613
Ion Ratio Lower Upper
164 100
166 130.0 105.0 157.4
129 94.3 74.2 111.4
131 91.3 72.2 108.2

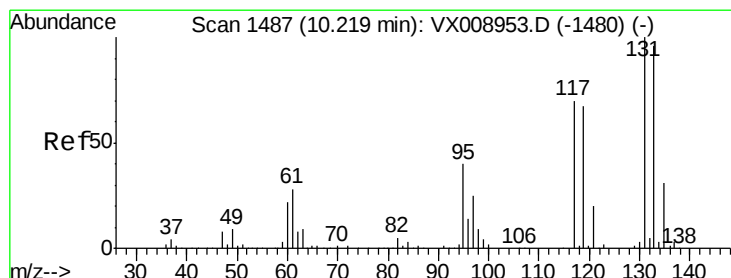
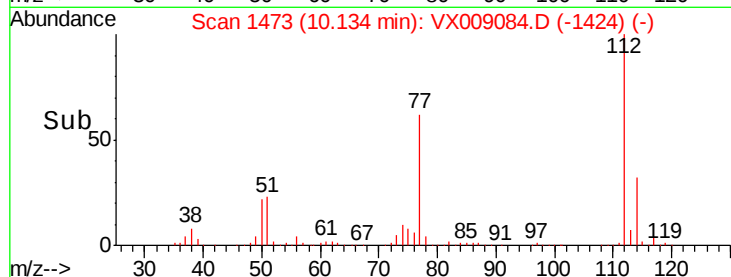
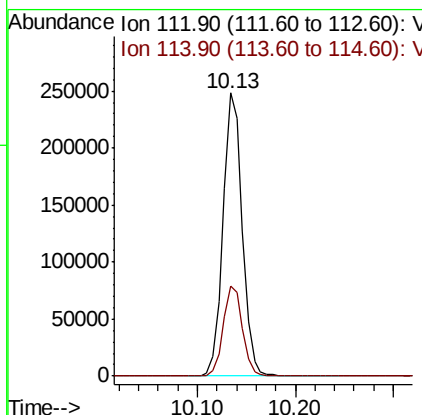
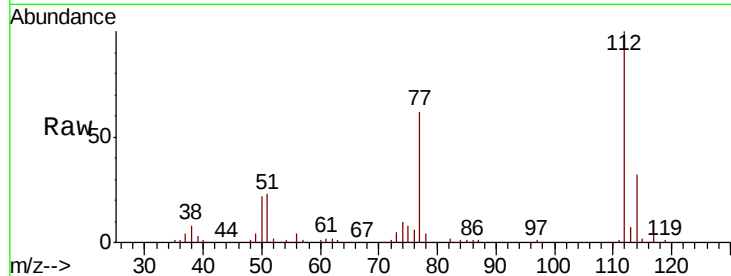




#65
Chlorobenzene
Concen: 49.480 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX009084.D
Acq: 22 Apr 2019 09:51

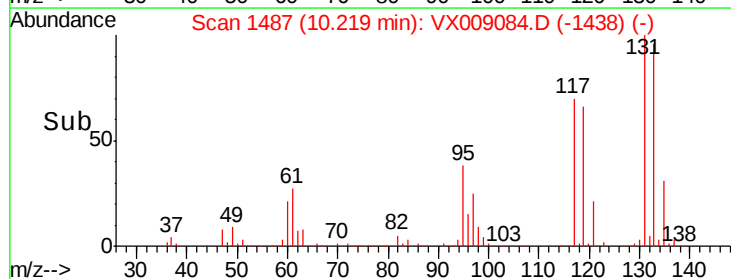
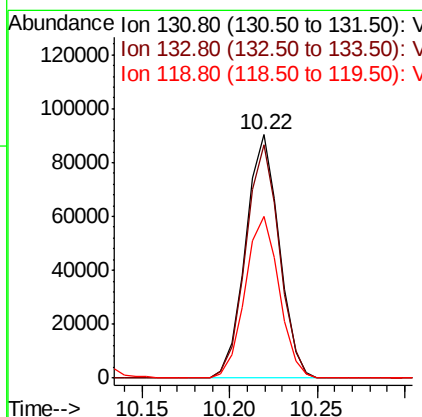
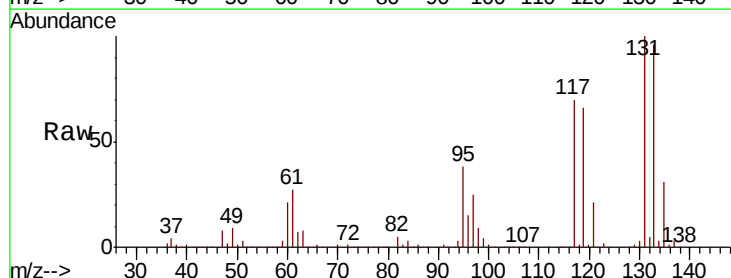
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

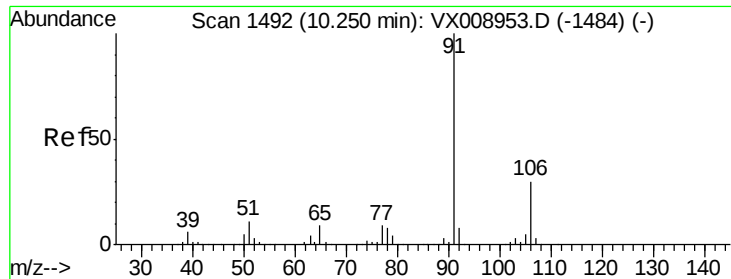
Tot Ion:112 Resp: 337202
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 50.315 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX009084.D
Acq: 22 Apr 2019 09:51

Tgt Ion:131 Resp: 120795
Ion Ratio Lower Upper
131 100
133 95.9 48.0 144.2
119 67.3 33.7 101.1

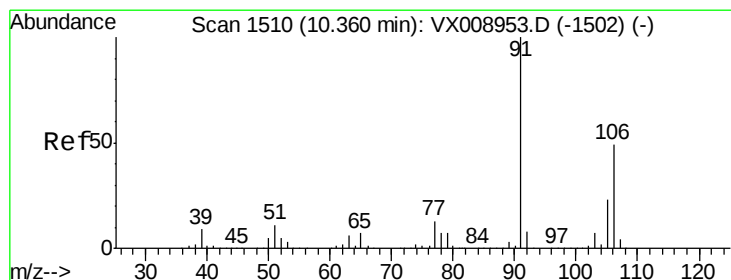
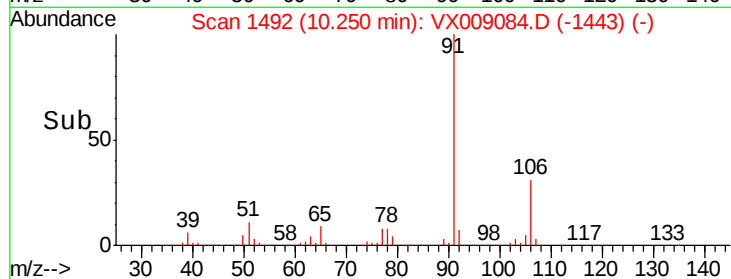
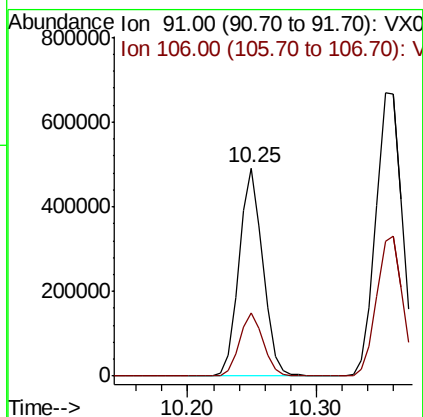
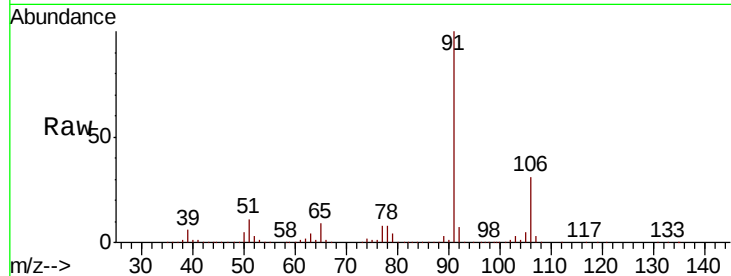




#67
Ethyl Benzene
Concen: 50.435 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX009084.D
Acq: 22 Apr 2019 09:51

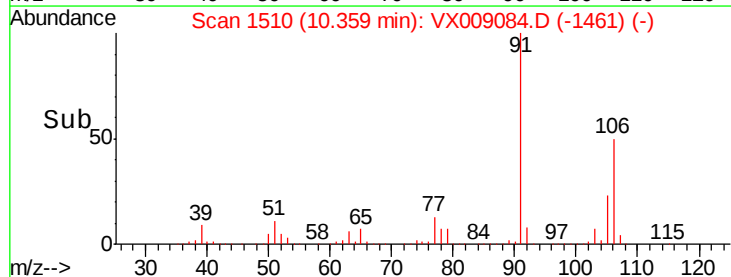
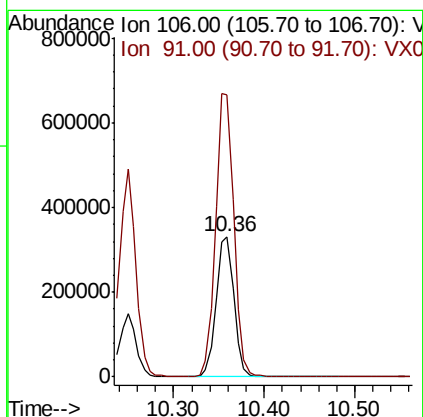
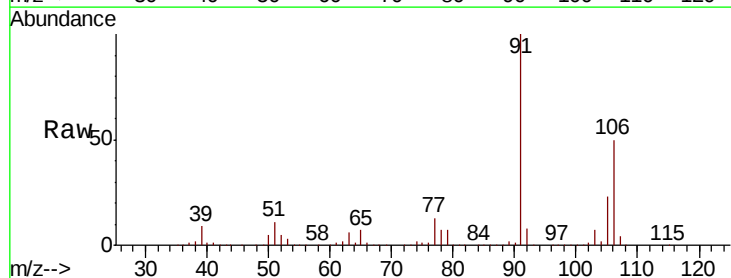
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

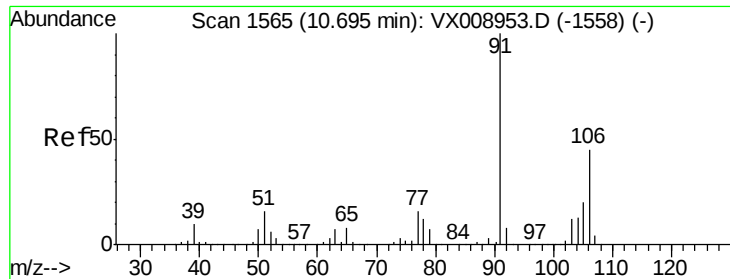
Tot Ion: 91 Resp: 628312
Ion Ratio Lower Upper
91 100
106 30.5 24.3 36.5



#68
m/p-Xylenes
Concen: 101.344 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009084.D
Acq: 22 Apr 2019 09:51

Tgt Ion: 106 Resp: 458837
Ion Ratio Lower Upper
106 100
91 206.0 165.4 248.2

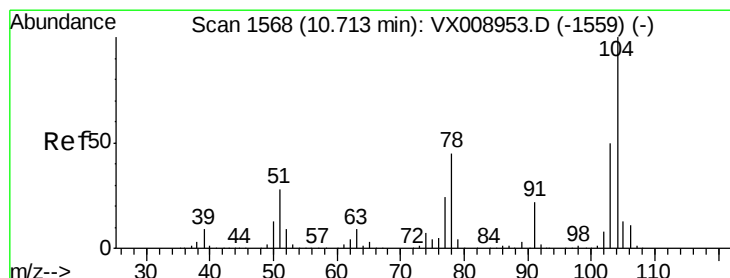
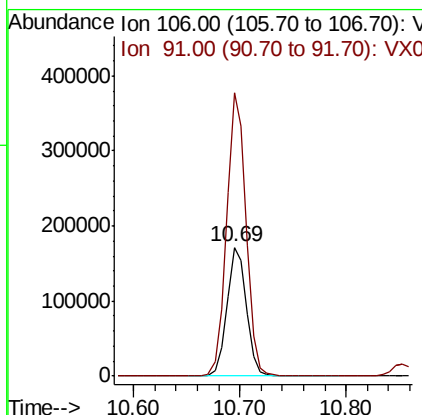
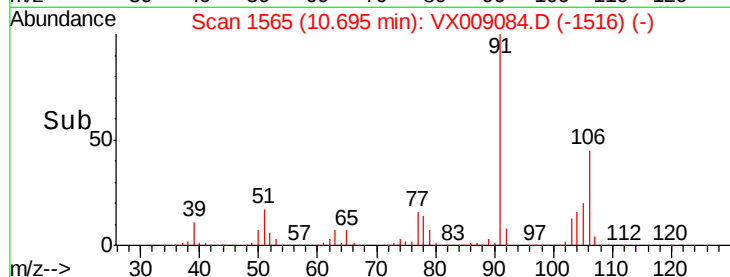
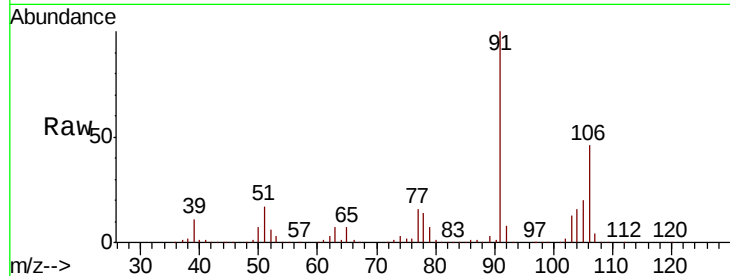




#69
o-Xylene
Concen: 49.773 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX009084.D
Acq: 22 Apr 2019 09:51

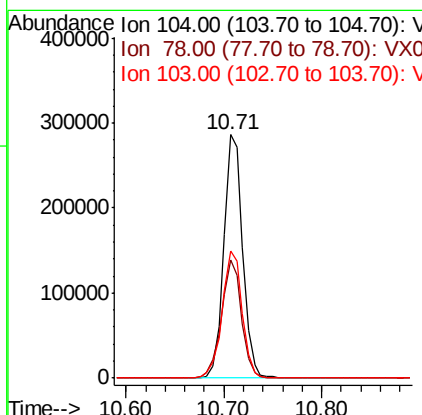
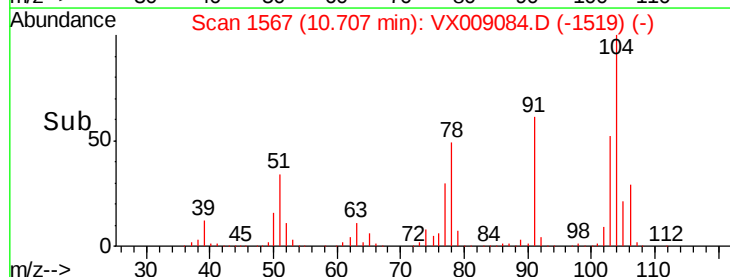
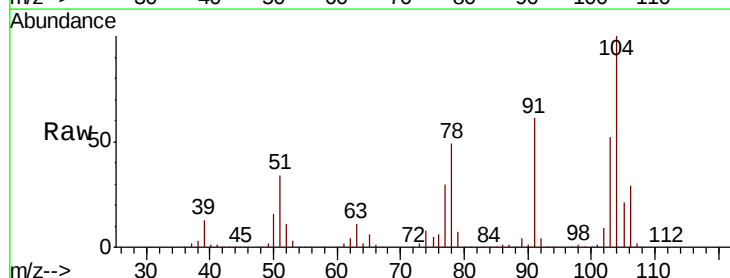
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

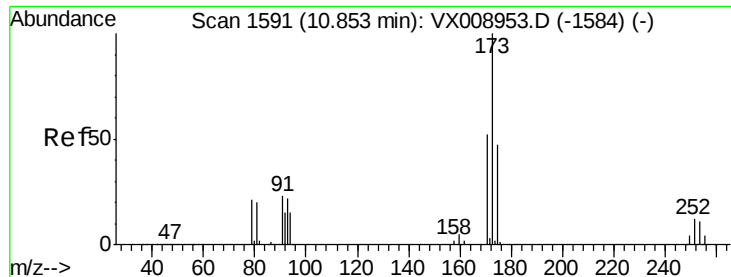
Tot Ion:106 Resp: 219267
Ion Ratio Lower Upper
106 100
91 219.6 108.9 326.7



#70
Styrene
Concen: 49.928 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX009084.D
Acq: 22 Apr 2019 09:51

Tgt Ion:104 Resp: 381159
Ion Ratio Lower Upper
104 100
78 51.7 41.2 61.8
103 55.6 43.9 65.9





#71

Bromoform

Concen: 50.546 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX009084.D

Acq: 22 Apr 2019 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

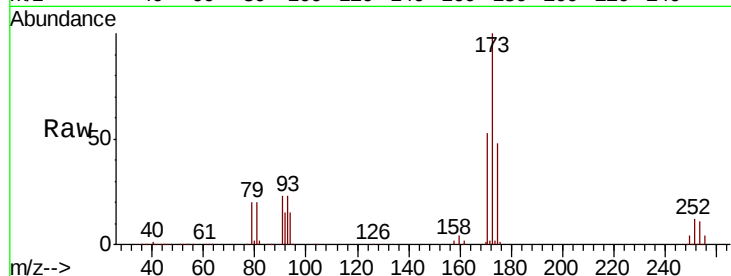
Tot Ion:173 Resp: 96678

Ion Ratio Lower Upper

173 100

175 49.0 23.9 71.8

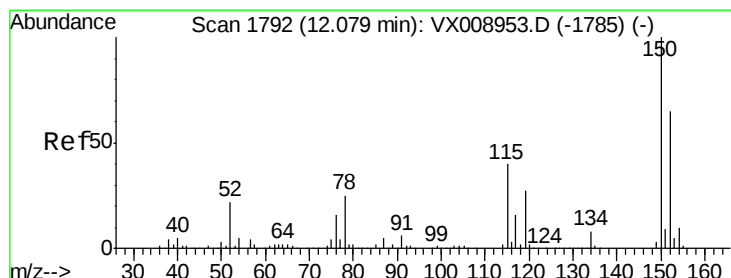
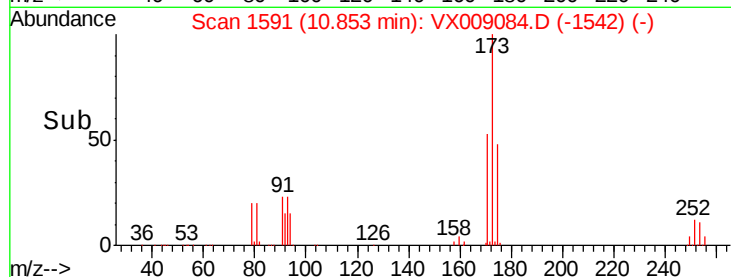
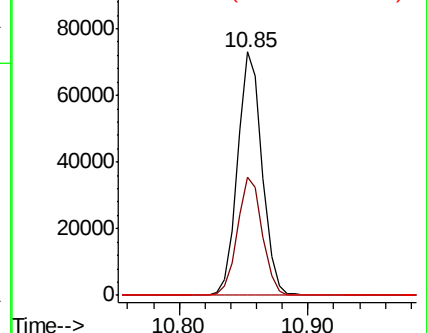
254 0.2 0.2 0.4#



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: VX009084.D

Acq: 22 Apr 2019 09:51

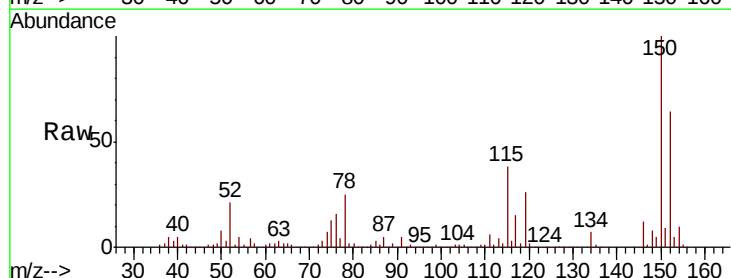
Tgt Ion:152 Resp: 154185

Ion Ratio Lower Upper

152 100

115 82.8 41.4 124.2

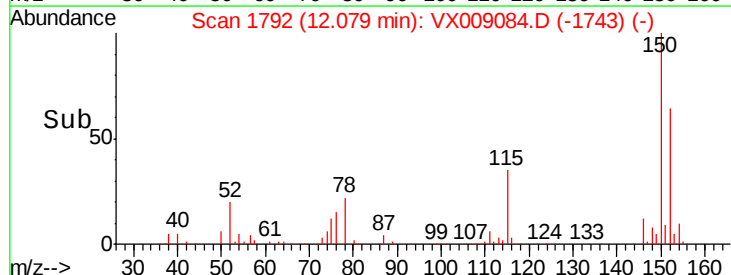
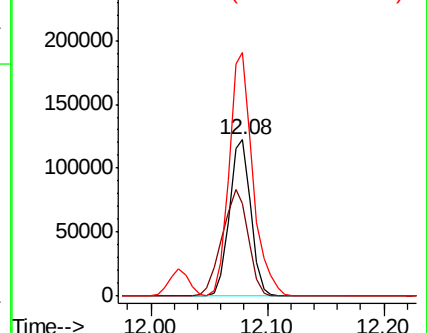
150 172.2 0.0 349.8

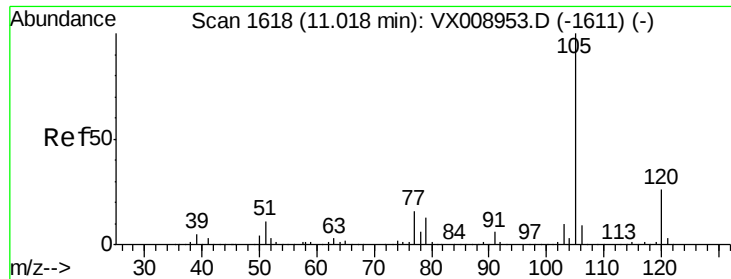


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.554 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009084.D

Acq: 22 Apr 2019 09:51

Instrument :

MSVOA_X

ClientSampled :

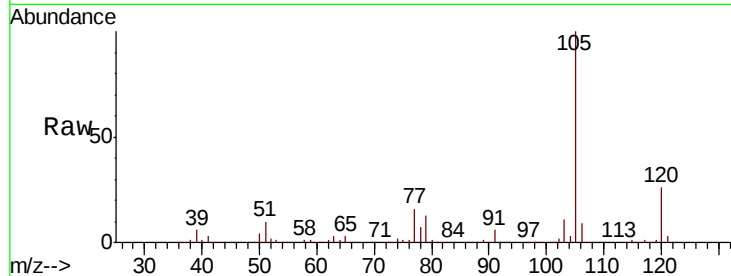
VSTDCCC050

Tot Ion:105 Resp: 590833

Ion Ratio Lower Upper

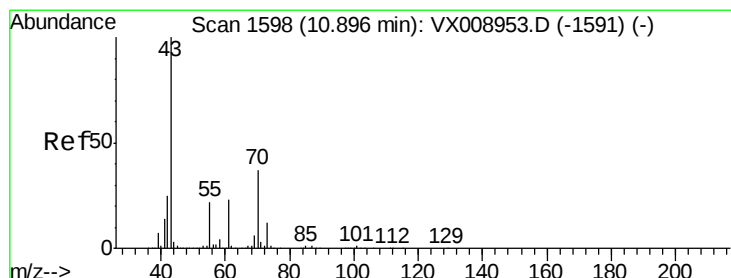
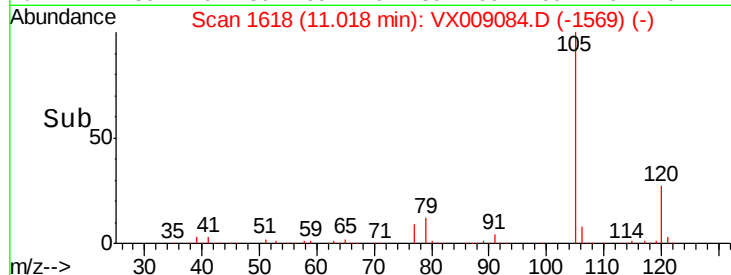
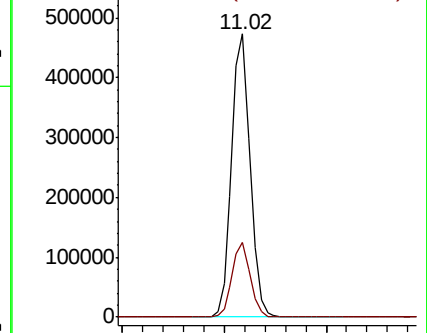
105 100

120 25.9 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.107 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009084.D

Acq: 22 Apr 2019 09:51

Tgt Ion: 43 Resp: 322820

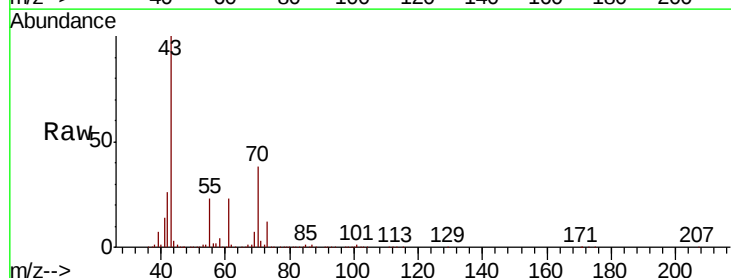
Ion Ratio Lower Upper

43 100

70 37.3 29.9 44.9

55 22.6 17.8 26.8

61 22.6 18.3 27.5

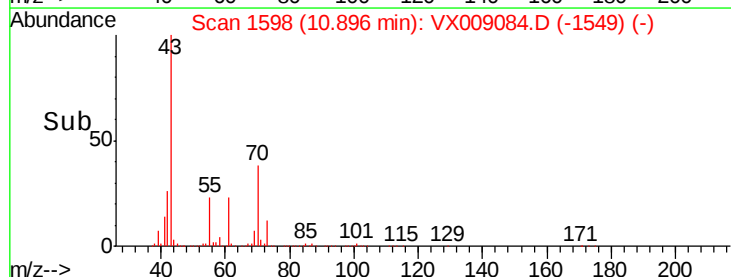
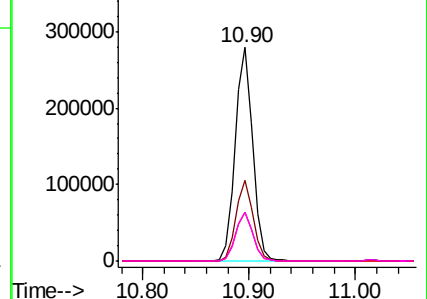


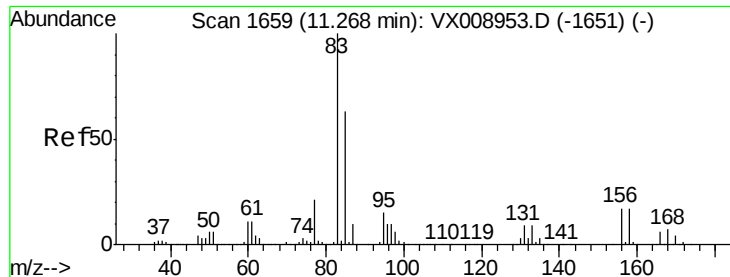
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 46.339 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009084.D

Acq: 22 Apr 2019 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

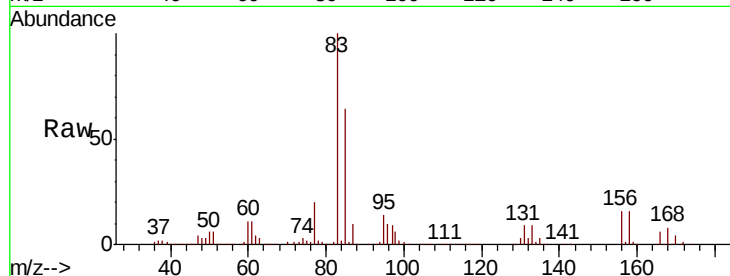
Tot Ion: 83 Resp: 197875

Ion	Ratio	Lower	Upper
83	100		
131	9.4	4.7	14.0
85	64.4	31.9	95.9

83 100

131 9.4 4.7 14.0

85 64.4 31.9 95.9



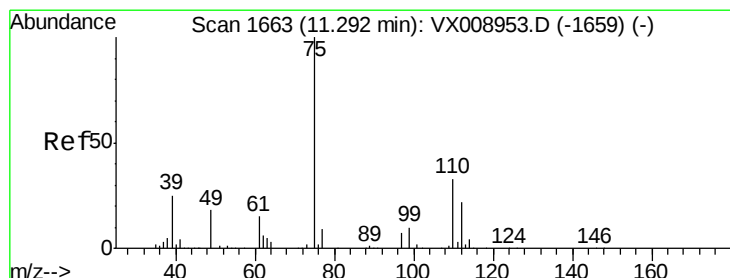
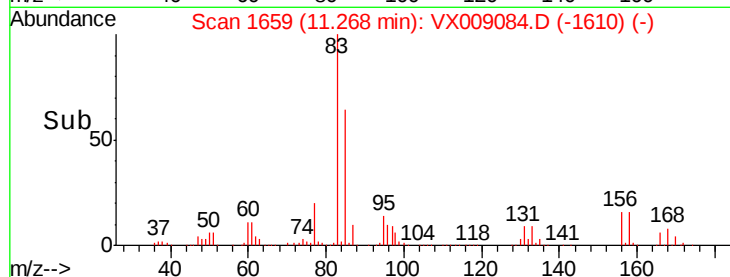
Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

11.27

Time-->



#76

1,2,3-Trichloropropane

Concen: 63.863 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX009084.D

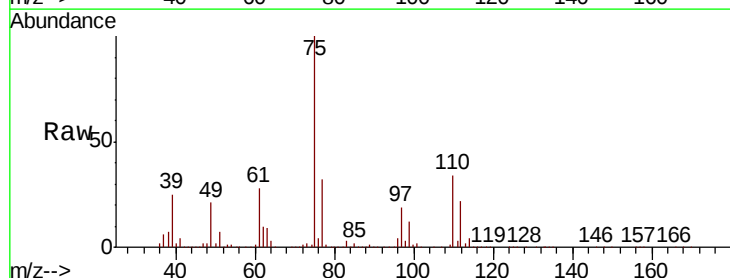
Acq: 22 Apr 2019 09:51

Tgt Ion: 75 Resp: 240438

Ion	Ratio	Lower	Upper
75	100		
77	32.3	22.7	68.0

75 100

77 32.3 22.7 68.0

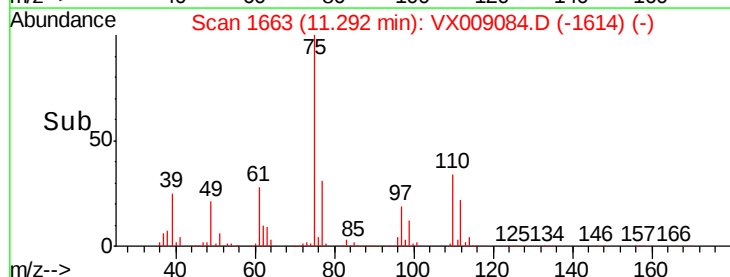


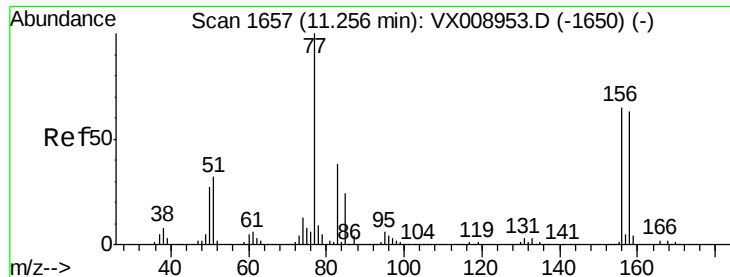
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.29

Time-->





#77

Bromobenzene

Concen: 47.349 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009084.D

Acq: 22 Apr 2019 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

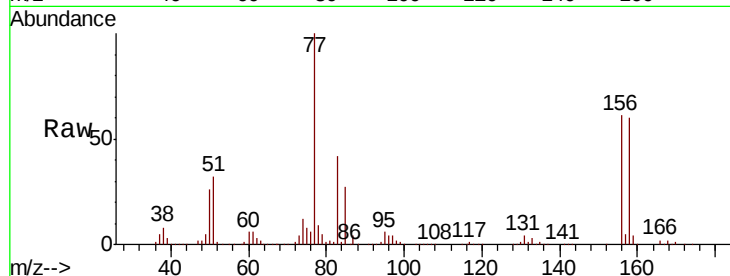
Tot Ion:156 Resp: 139620

Ion Ratio Lower Upper

156 100

77 172.9 85.4 256.1

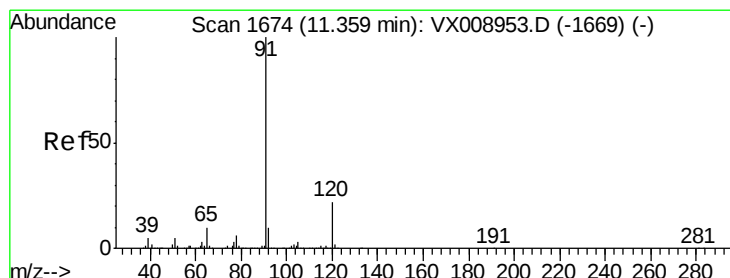
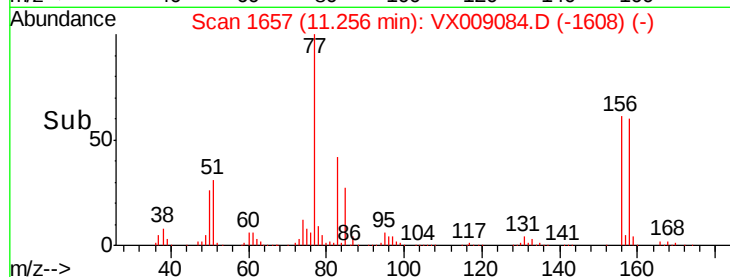
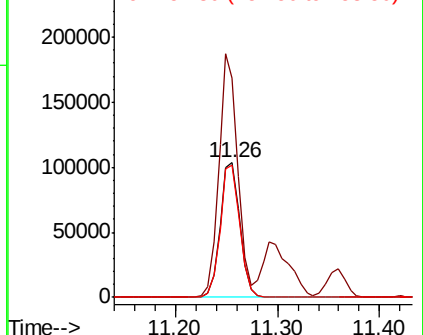
158 97.6 48.8 146.4



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: 51.495 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009084.D

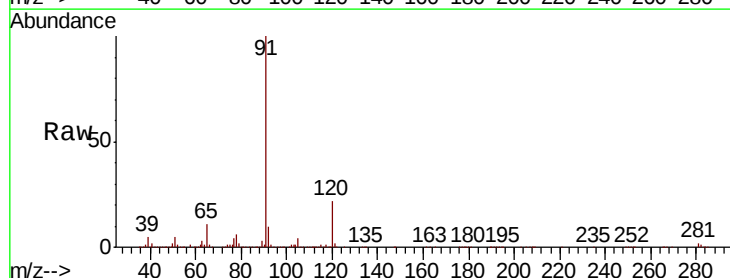
Acq: 22 Apr 2019 09:51

Tgt Ion: 91 Resp: 690762

Ion Ratio Lower Upper

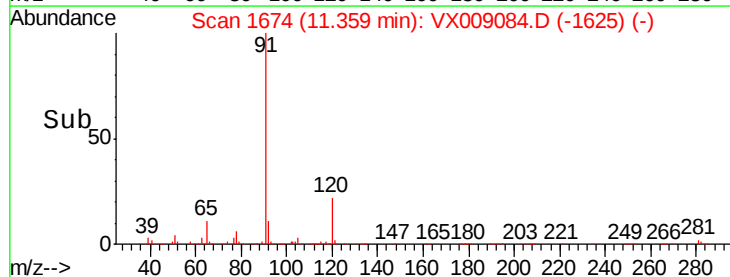
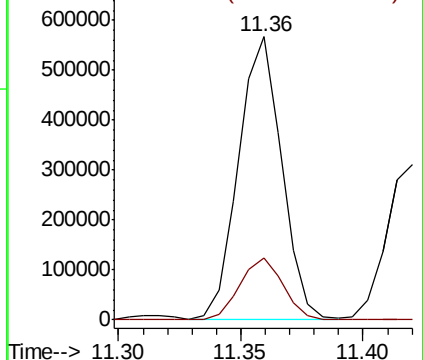
91 100

120 22.1 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

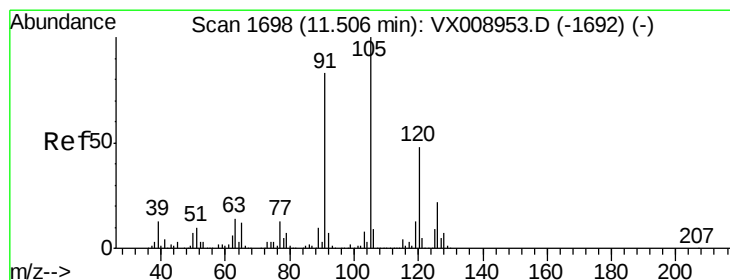
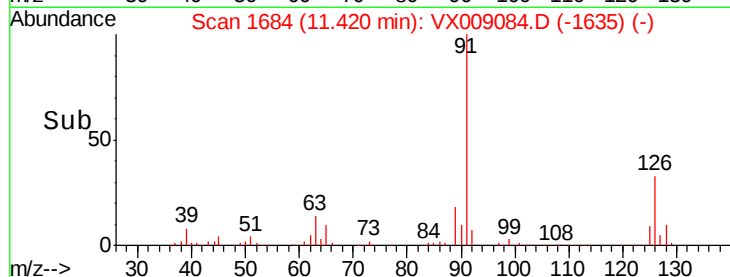
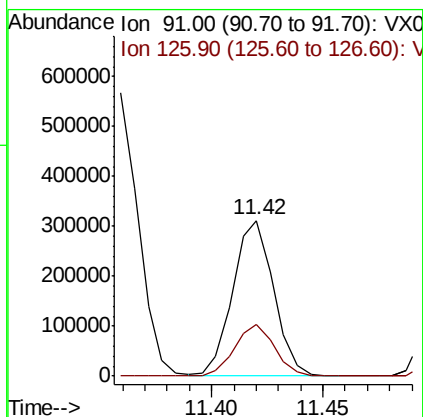
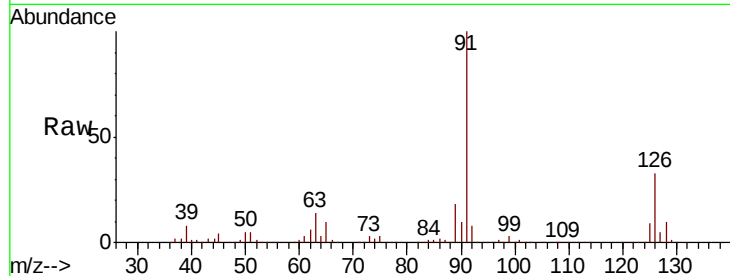




#79
 2-Chlorotoluene
 Concen: 49.120 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX009084.D
 Acq: 22 Apr 2019 09:51

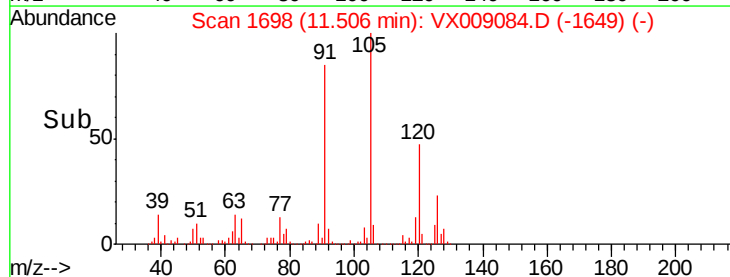
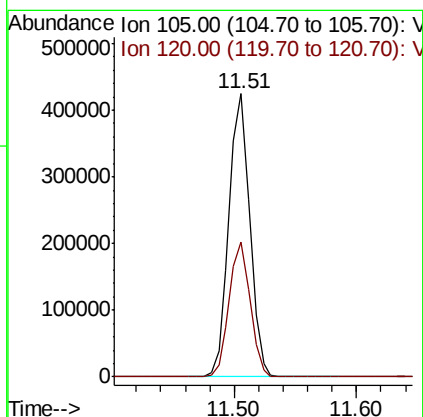
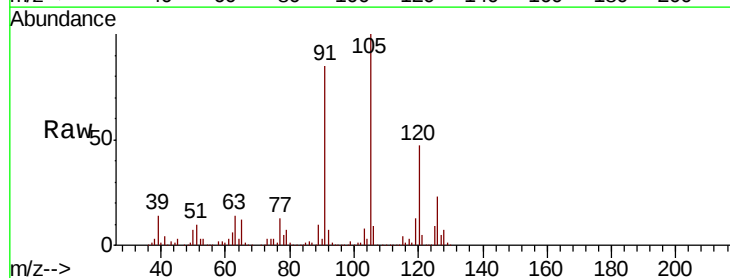
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

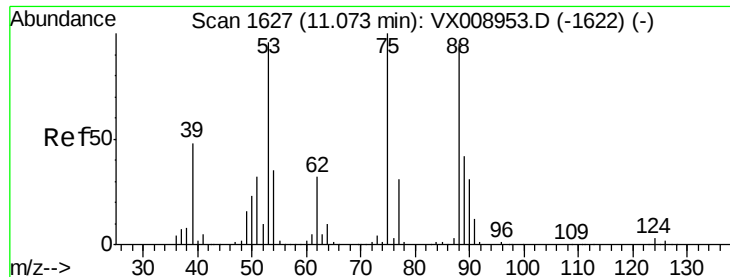
Tot Ion: 91 Resp: 397056
 Ion Ratio Lower Upper
 91 100
 126 32.7 16.3 48.9



#80
 1,3,5-Trimethylbenzene
 Concen: 50.995 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX009084.D
 Acq: 22 Apr 2019 09:51

Tgt Ion:105 Resp: 500124
 Ion Ratio Lower Upper
 105 100
 120 47.8 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 49.228 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009084.D

Acq: 22 Apr 2019 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

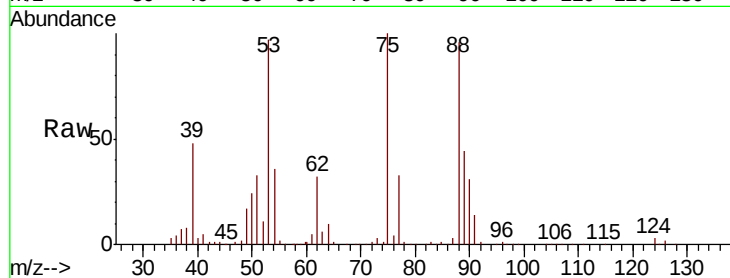
Tot Ion: 75 Resp: 72192

Ion Ratio Lower Upper

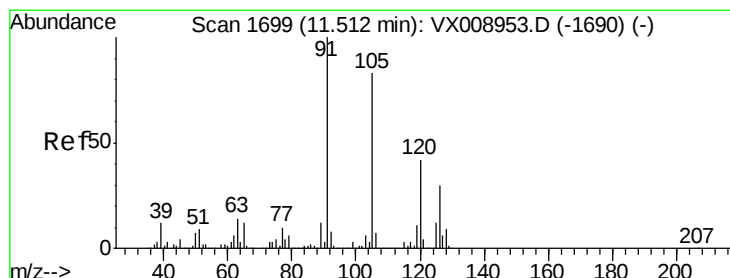
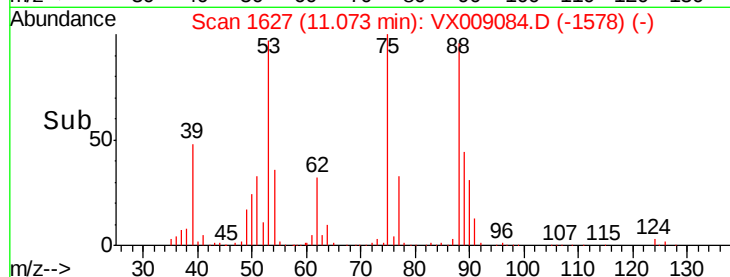
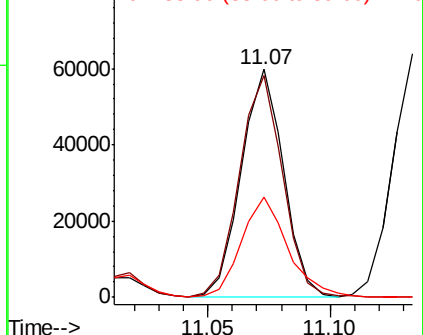
75 100

53 99.0 78.2 117.4

89 48.3 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 49.603 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX009084.D

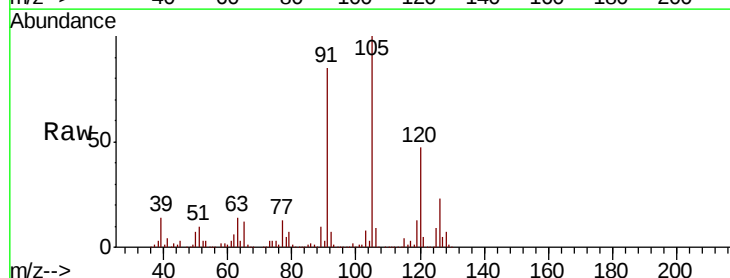
Acq: 22 Apr 2019 09:51

Tgt Ion: 91 Resp: 465665

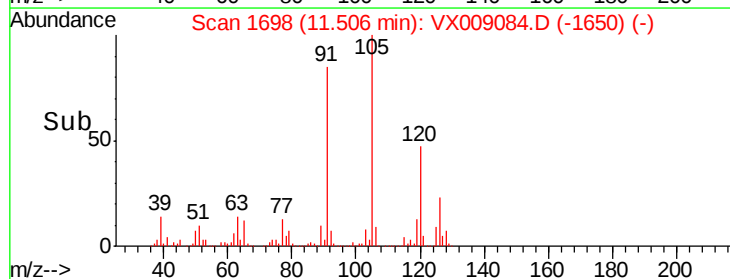
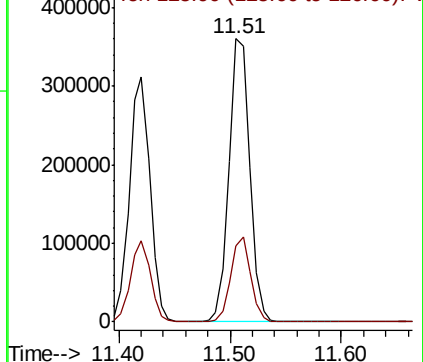
Ion Ratio Lower Upper

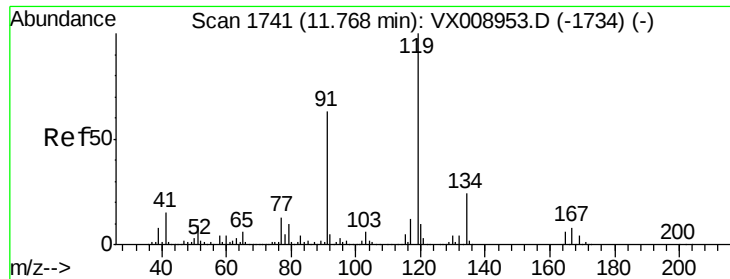
91 100

126 28.7 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 50.101 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX009084.D

Acq: 22 Apr 2019 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

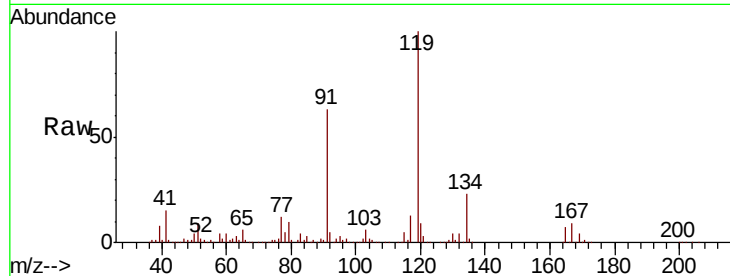
Tot Ion:119 Resp: 471748

Ion Ratio Lower Upper

119 100

91 59.7 29.7 89.1

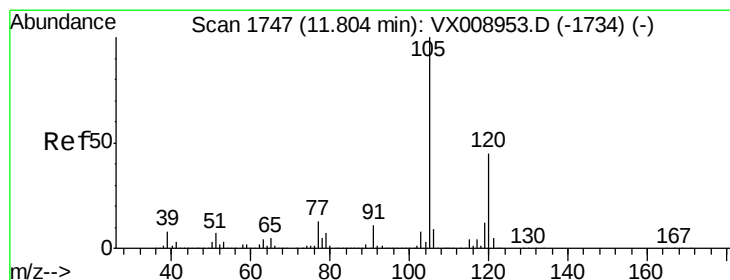
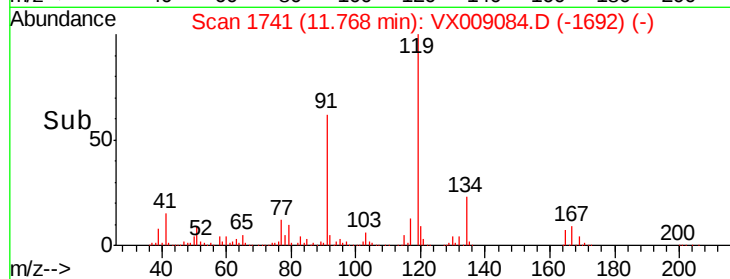
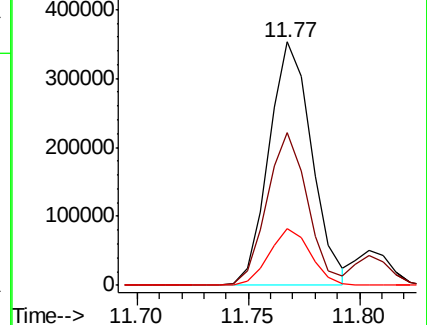
134 22.5 11.2 33.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 50.507 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX009084.D

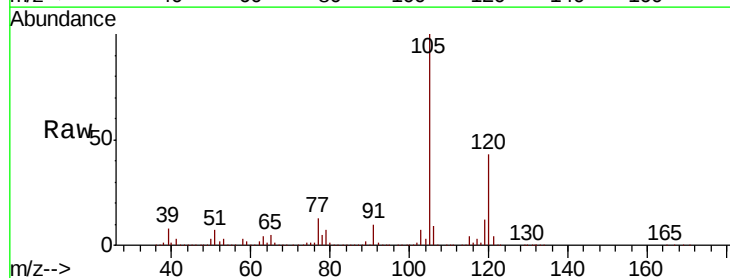
Acq: 22 Apr 2019 09:51

Tgt Ion:105 Resp: 504210

Ion Ratio Lower Upper

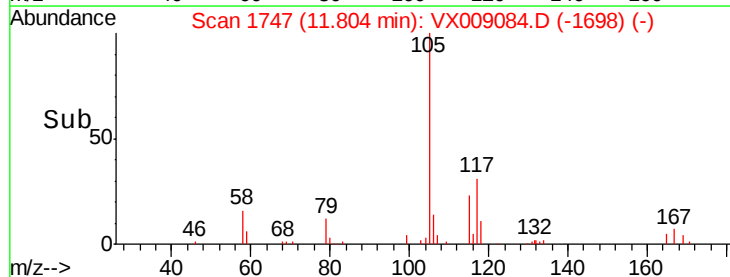
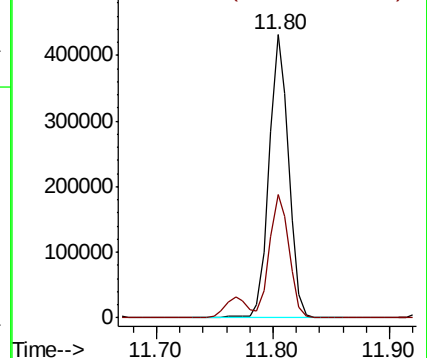
105 100

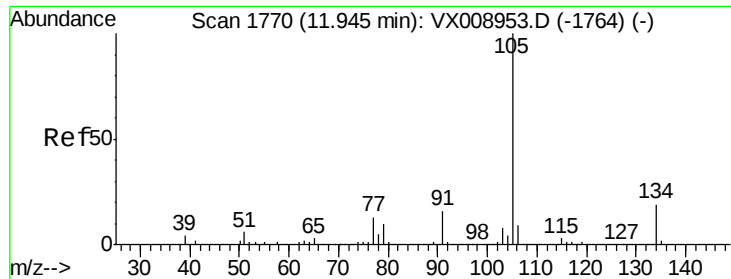
120 43.4 21.9 65.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.290 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009084.D

Acq: 22 Apr 2019 09:51

Instrument :

MSVOA_X

ClientSampleId :

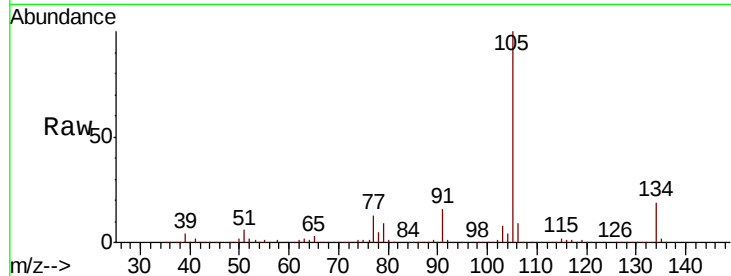
VSTDCCC050

Tot Ion:105 Resp: 575986

Ion Ratio Lower Upper

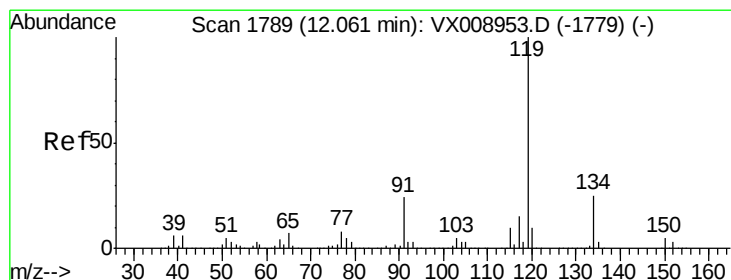
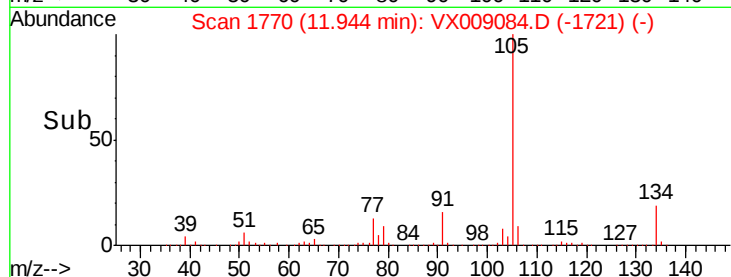
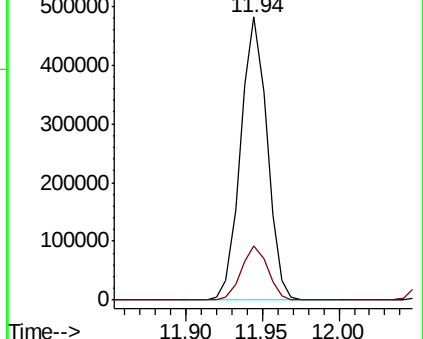
105 100

134 19.3 9.6 28.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.206 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009084.D

Acq: 22 Apr 2019 09:51

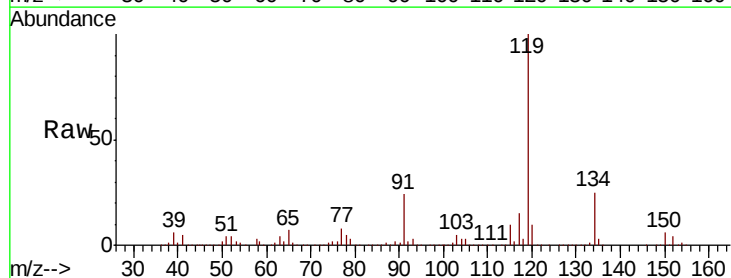
Tgt Ion:119 Resp: 528683

Ion Ratio Lower Upper

119 100

134 25.4 12.9 38.6

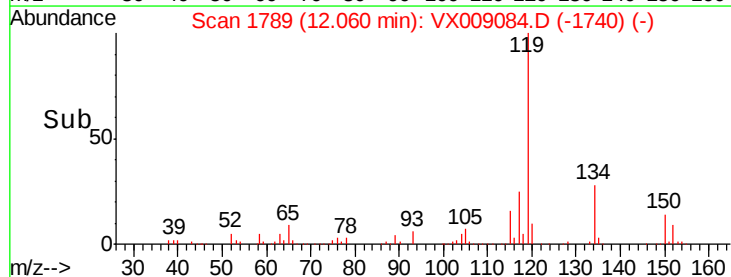
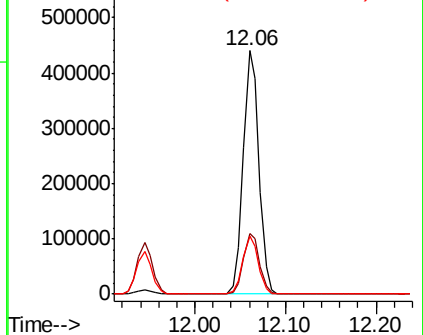
91 23.7 11.9 35.5

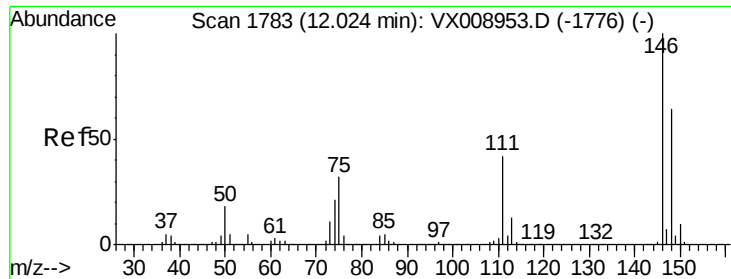


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

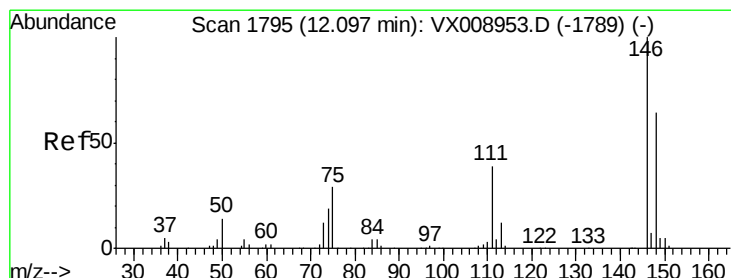
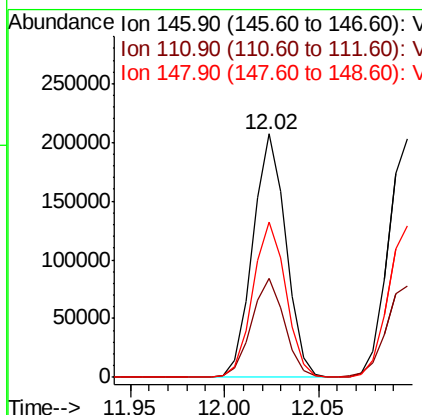
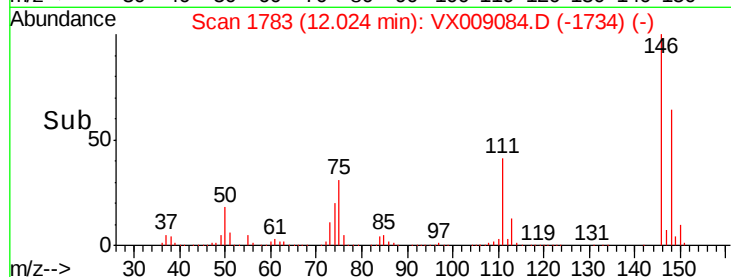
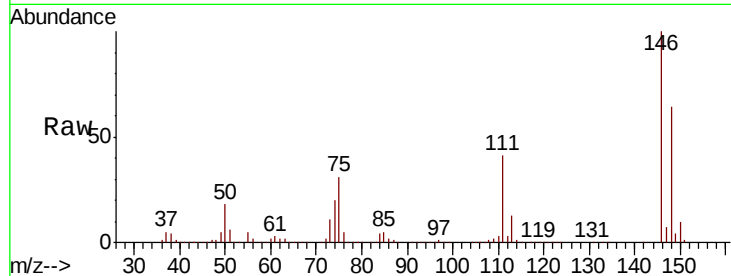




#87
 1,3-Dichlorobenzene
 Concen: 48.838 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009084.D
 Acq: 22 Apr 2019 09:51

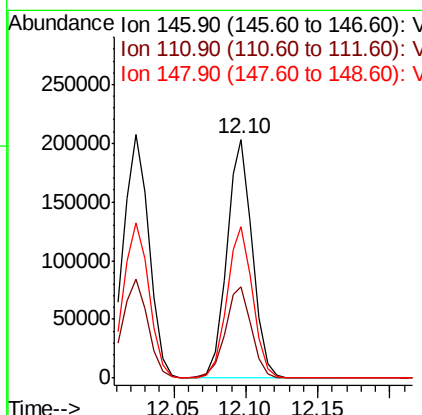
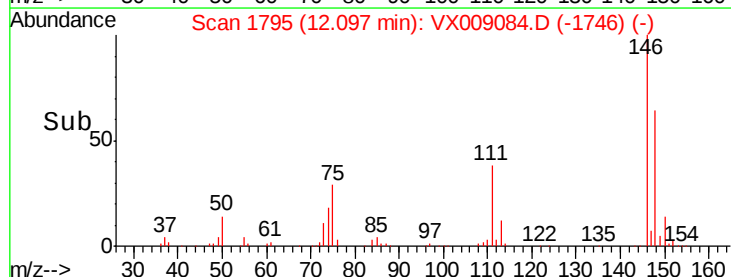
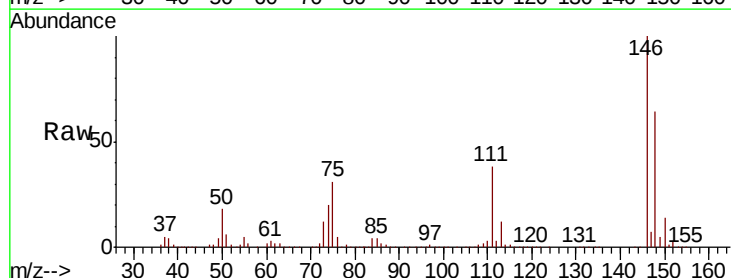
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

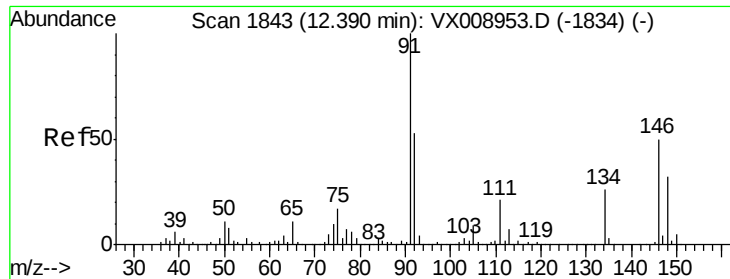
Tot Ion:146 Resp: 252052
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.5 61.6
 148 64.0 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 48.018 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009084.D
 Acq: 22 Apr 2019 09:51

Tgt Ion:146 Resp: 251216
 Ion Ratio Lower Upper
 146 100
 111 39.5 20.0 59.9
 148 64.1 32.2 96.6

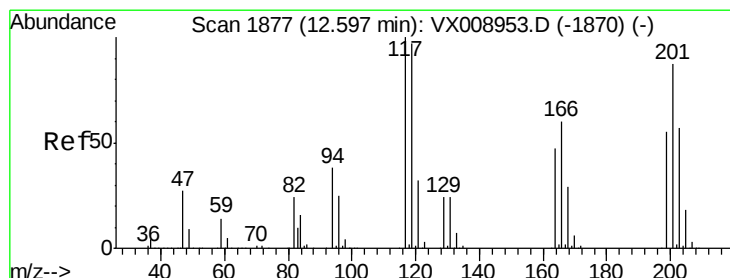
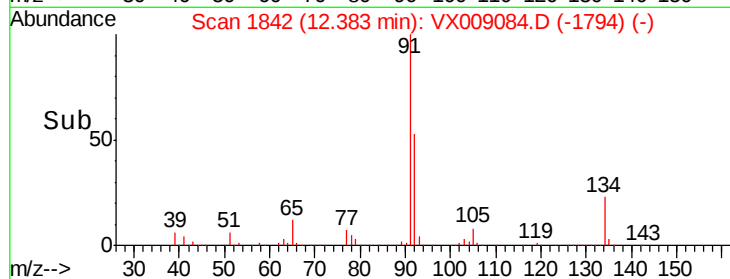
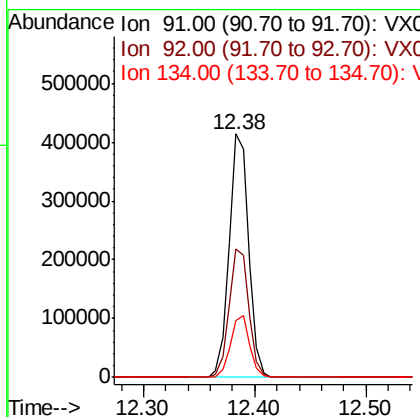
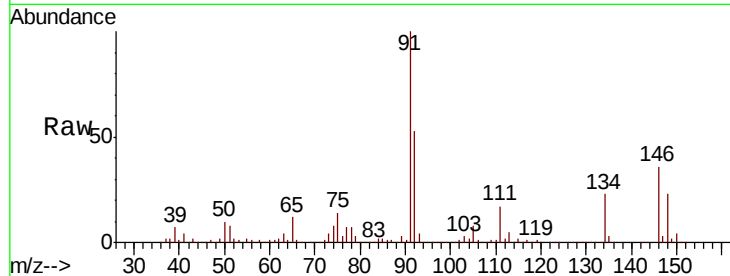




#89
n-Butylbenzene
Concen: 51.854 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX009084.D
Acq: 22 Apr 2019 09:51

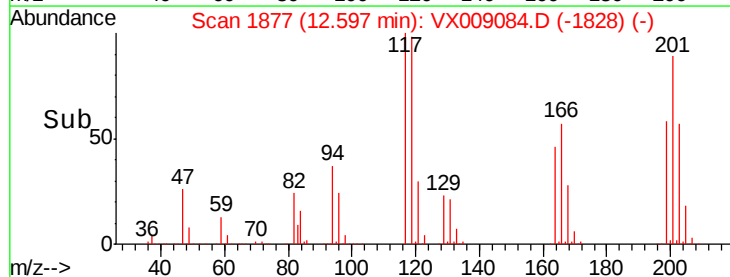
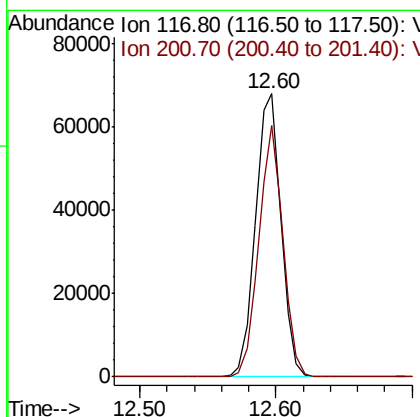
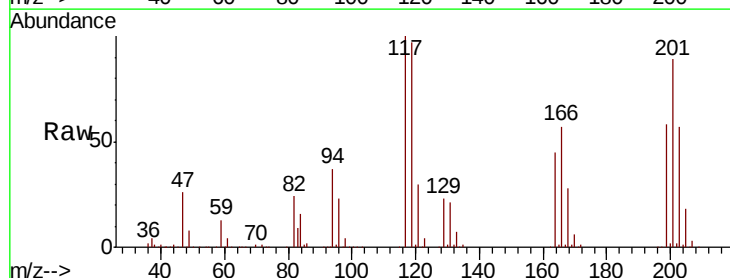
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

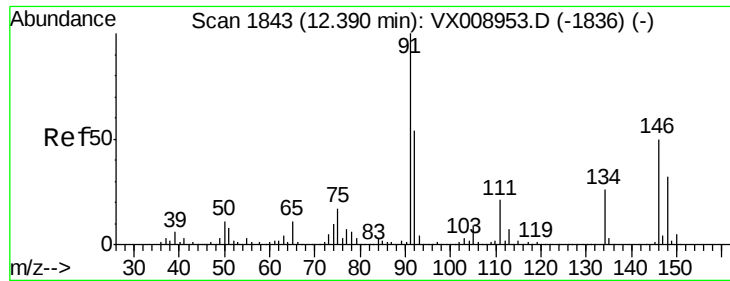
Tot Ion: 91 Resp: 498597
Ion Ratio Lower Upper
91 100
92 53.3 26.6 79.8
134 24.9 12.4 37.2



#90
Hexachloroethane
Concen: 52.626 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX009084.D
Acq: 22 Apr 2019 09:51

Tgt Ion: 117 Resp: 89627
Ion Ratio Lower Upper
117 100
201 84.1 43.0 129.0

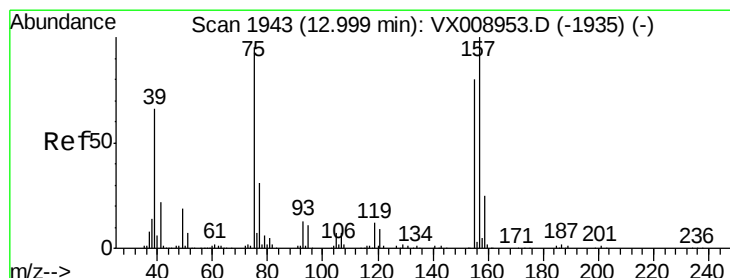
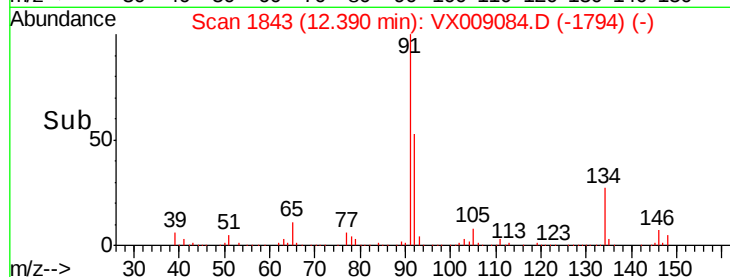
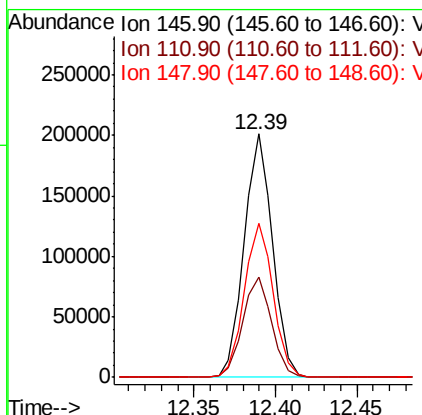
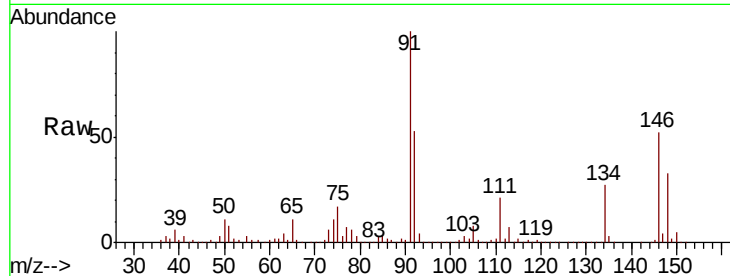




#91
 1,2-Dichlorobenzene
 Concen: 48.014 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009084.D
 Acq: 22 Apr 2019 09:51

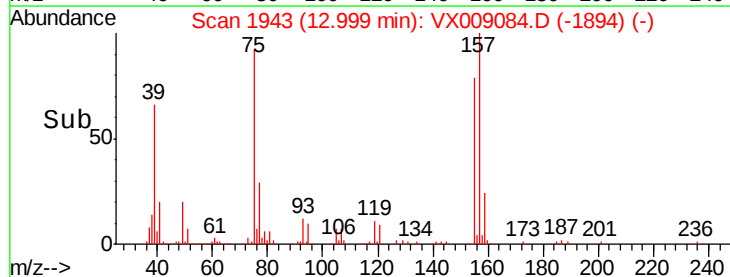
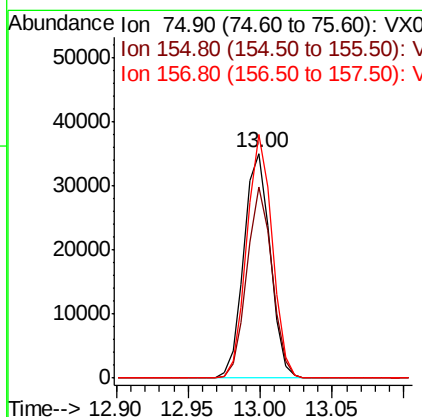
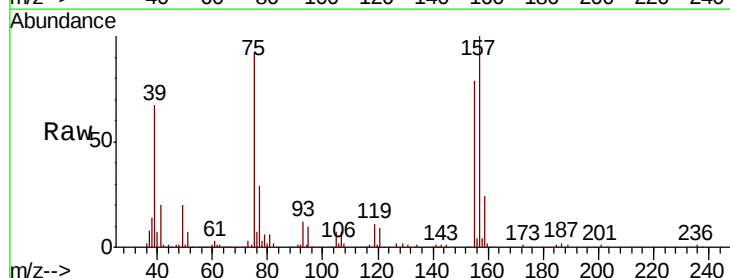
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

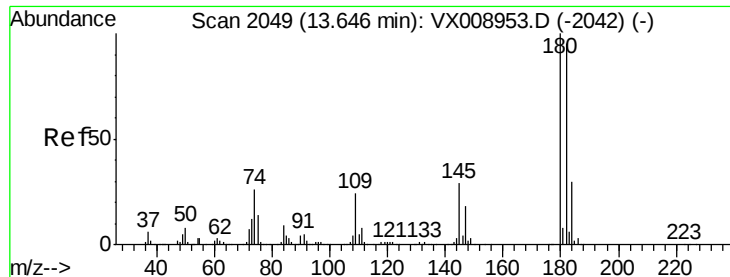
Tot Ion:146 Resp: 244691
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.6 61.9
 148 64.2 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.687 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009084.D
 Acq: 22 Apr 2019 09:51

Tgt Ion: 75 Resp: 44420
 Ion Ratio Lower Upper
 75 100
 155 81.2 41.2 123.6
 157 104.6 52.5 157.6

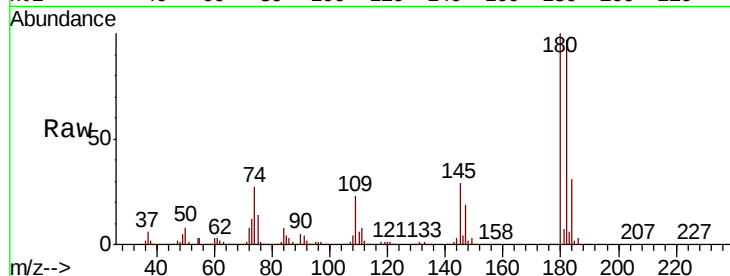




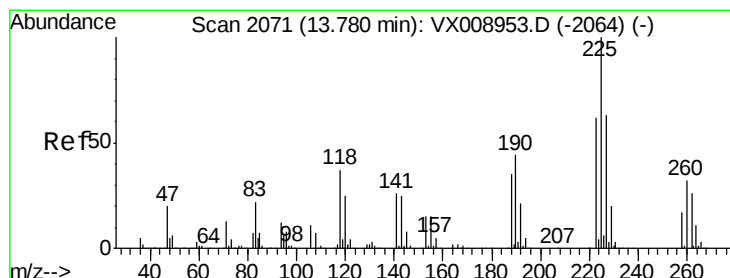
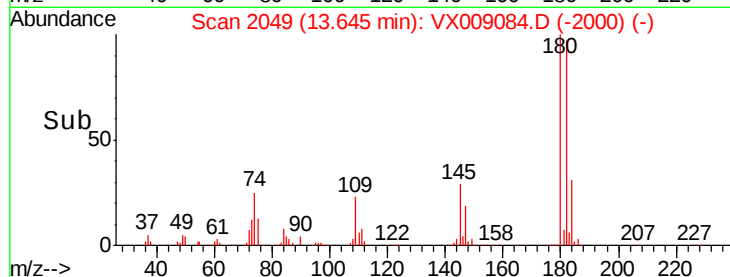
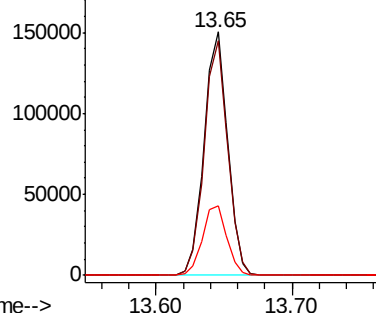
#93
 1,2,4-Trichlorobenzene
 Concen: 49.114 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009084.D
 Acq: 22 Apr 2019 09:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 180683
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.6 142.9
 145 29.5 14.8 44.4

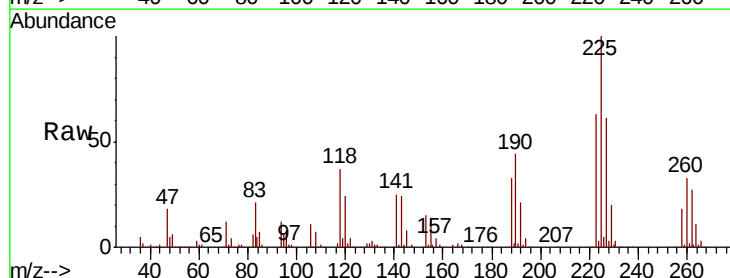


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

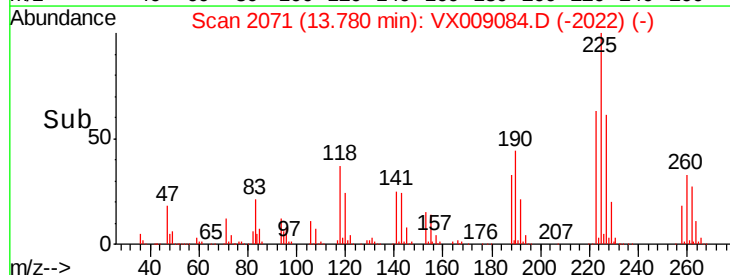
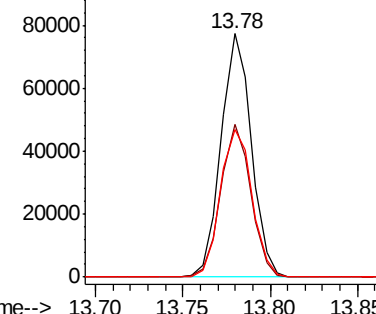


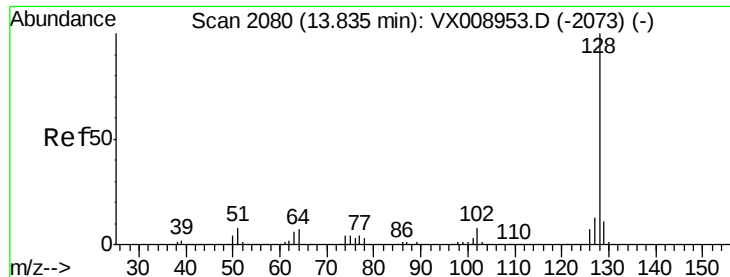
#94
 Hexachlorobutadiene
 Concen: 50.657 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009084.D
 Acq: 22 Apr 2019 09:51

Tgt Ion:225 Resp: 92946
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.1 93.2
 227 63.3 32.0 96.2



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

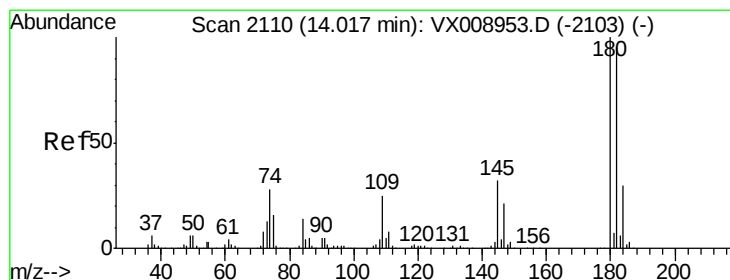
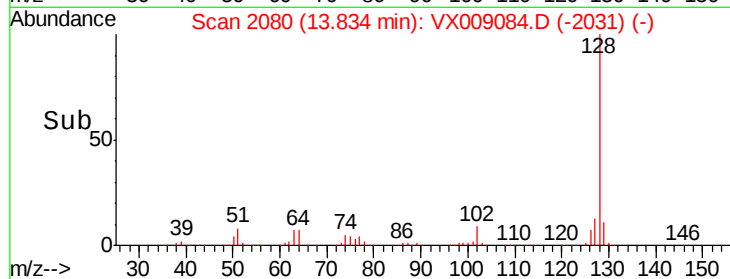
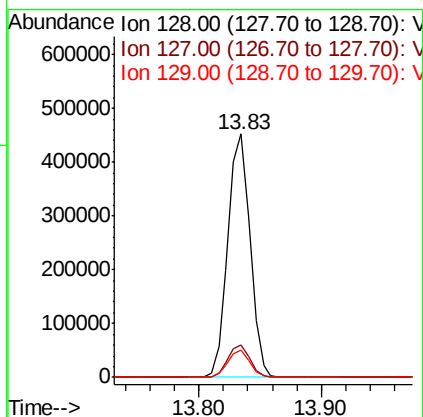
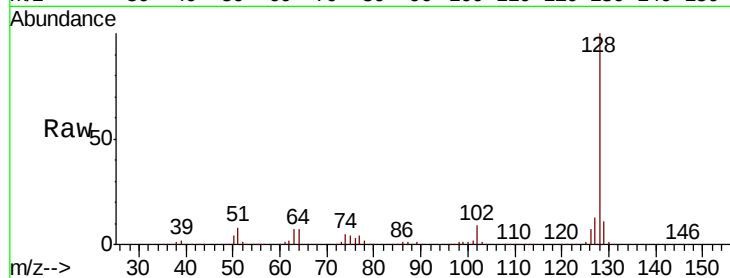




#95
Naphthalene
Concen: 48.032 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009084.D
Acq: 22 Apr 2019 09:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 566120
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 49.302 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX009084.D
Acq: 22 Apr 2019 09:51

Tgt Ion:180 Resp: 178957
Ion Ratio Lower Upper
180 100
182 95.3 47.8 143.4
145 30.9 15.8 47.3

