

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041619\
 Data File : VX008975.D
 Acq On : 16 Apr 2019 09:58
 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 17 04:14:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 09:35:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	226613	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	354593	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	319720	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	154118	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	167439	52.43	ug/l	0.00
Spiked Amount			Recovery	=	104.86%	
35) Dibromofluoromethane	5.49	113	123487	54.26	ug/l	0.00
Spiked Amount			Recovery	=	108.52%	
50) Toluene-d8	8.71	98	511491	56.36	ug/l	0.00
Spiked Amount			Recovery	=	112.72%	
62) 4-Bromofluorobenzene	11.13	95	186112	58.09	ug/l	0.00
Spiked Amount			Recovery	=	116.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	145378	55.697	ug/l	99
3) Chloromethane	1.32	50	168673	52.638	ug/l	99
4) Vinyl Chloride	1.41	62	159887	51.265	ug/l	97
5) Bromomethane	1.64	94	89483	46.139	ug/l	99
6) Chloroethane	1.71	64	92975	50.695	ug/l	97
7) Trichlorofluoromethane	1.93	101	180448	49.554	ug/l	98
8) Diethyl Ether	2.18	74	80381	48.267	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	112626	48.374	ug/l	99
10) Methyl Iodide	2.51	142	127480	50.072	ug/l	100
11) Tert butyl alcohol	3.04	59	166736	235.204	ug/l	100
12) 1,1-Dichloroethene	2.37	96	111237	45.774	ug/l	96
13) Acrolein	2.29	56	124199	202.769	ug/l	99
14) Allyl chloride	2.73	41	272186	51.338	ug/l	99
15) Acrylonitrile	3.14	53	435086	241.778	ug/l	100
16) Acetone	2.44	43	405065	244.584	ug/l	98
17) Carbon Disulfide	2.57	76	357518	50.063	ug/l	100
18) Methyl Acetate	2.77	43	189865	45.935	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	430960	49.770	ug/l	99
20) Methylene Chloride	2.85	84	136564	48.218	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	125927	48.582	ug/l	96
22) Diisopropyl ether	3.85	45	520877	50.558	ug/l	98
23) Vinyl Acetate	3.81	43	2330404	257.325	ug/l	100
24) 1,1-Dichloroethane	3.69	63	254310	49.174	ug/l	99
25) 2-Butanone	4.67	43	659935	249.293	ug/l	99
26) 2,2-Dichloropropane	4.58	77	195939	50.544	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	144591	49.131	ug/l	99
28) Bromochloromethane	5.01	49	115030	53.692	ug/l	99
29) Tetrahydrofuran	5.12	42	423891	239.238	ug/l	98
30) Chloroform	5.21	83	231112	49.939	ug/l	99
31) Cyclohexane	5.57	56	260472	51.207	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	193383	50.418	ug/l	99
36) 1,1-Dichloropropene	5.79	75	185232	50.510	ug/l	99
37) Ethyl Acetate	4.82	43	243074	51.510	ug/l	100
38) Carbon Tetrachloride	5.78	117	163404	52.559	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	241340	54.051	ug/l	99
40) Benzene	6.13	78	553858	51.195	ug/l	100
41) Methacrylonitrile	5.04	41	138562	51.161	ug/l	100
42) 1,2-Dichloroethane	6.19	62	192172	50.144	ug/l	100
43) Isopropyl Acetate	6.44	43	392857	51.661	ug/l	100
44) Trichloroethene	7.21	130	133443	50.341	ug/l	99
45) 1,2-Dichloropropane	7.51	63	155022	51.650	ug/l	99
46) Dibromomethane	7.66	93	88028	50.396	ug/l	100
47) Bromodichloromethane	7.89	83	179729	52.461	ug/l	99
48) Methyl methacrylate	7.76	41	197162	52.472	ug/l	99
49) 1,4-Dioxane	7.74	88	67208	955.629	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1258482	259.766	ug/l	99
52) Toluene	8.78	92	338340	52.182	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	213503	54.150	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	234406	53.095	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	133348	51.892	ug/l	99
56) Ethyl methacrylate	9.18	69	248405	53.910	ug/l	99
57) 1,3-Dichloropropane	9.37	76	236642	51.721	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	660156	266.054	ug/l	99
59) 2-Hexanone	9.49	43	971465	260.087	ug/l	100
60) Dibromochloromethane	9.58	129	133825	54.337	ug/l	99
61) 1,2-Dibromoethane	9.67	107	137683	51.913	ug/l	98
64) Tetrachloroethene	9.33	164	126170	51.946	ug/l	97
65) Chlorobenzene	10.13	112	346612	51.362	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	124491	52.365	ug/l	99
67) Ethyl Benzene	10.25	91	654289	53.037	ug/l	99
68) m/p-Xylenes	10.35	106	474545	105.846	ug/l	99
69) o-Xylene	10.69	106	229767	52.670	ug/l	99
70) Styrene	10.71	104	403119	53.325	ug/l	99
71) Bromoform	10.85	173	99883	52.736	ug/l #	100
73) Isopropylbenzene	11.02	105	622036	53.247	ug/l	100
74) N-amyl acetate	10.90	43	346000	51.584	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	208499	48.848	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	256895	68.264	ug/l	79
77) Bromobenzene	11.25	156	147660	50.098	ug/l	98
78) n-propylbenzene	11.36	91	726327	54.170	ug/l	99
79) 2-Chlorotoluene	11.42	91	422463	52.286	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	523774	53.430	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	77286	52.724	ug/l	98
82) 4-Chlorotoluene	11.51	91	491681	52.397	ug/l	100
83) tert-Butylbenzene	11.77	119	494212	52.510	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	526435	52.756	ug/l	99
85) sec-Butylbenzene	11.94	105	611890	54.511	ug/l	100
86) p-Isopropyltoluene	12.06	119	554817	53.761	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	267007	51.758	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	267818	51.214	ug/l	99
89) n-Butylbenzene	12.38	91	525632	54.689	ug/l	100
90) Hexachloroethane	12.60	117	93199	54.747	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	259922	51.025	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	45759	47.085	ug/l	99

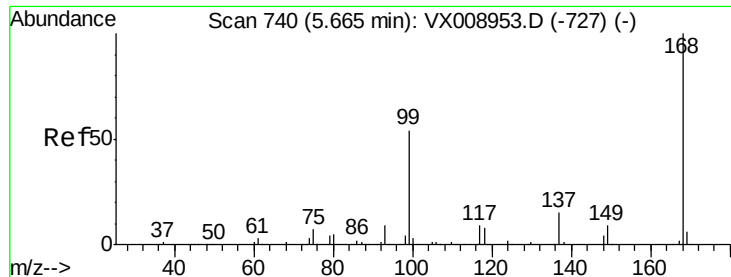
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX041619\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	191143	51.980	ug/l	100
94) Hexachlorobutadiene	13.78	225	96806	52.783	ug/l	99
95) Naphthalene	13.83	128	585694	49.714	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	186076	51.286	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

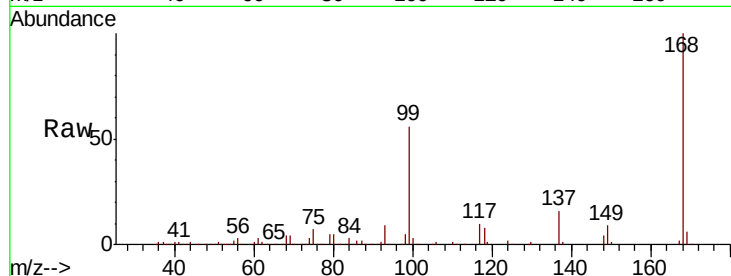
VSTDCCC050

Tot Ion:168 Resp: 226613

Ion Ratio Lower Upper

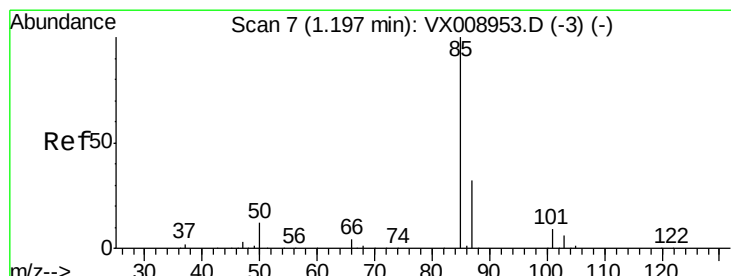
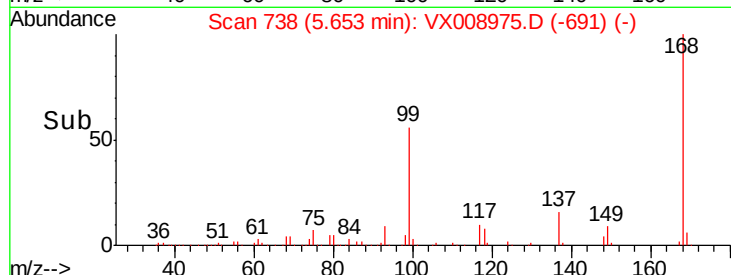
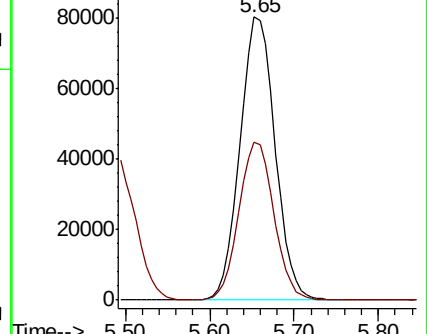
168 100

99 55.7 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 55.697 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008975.D

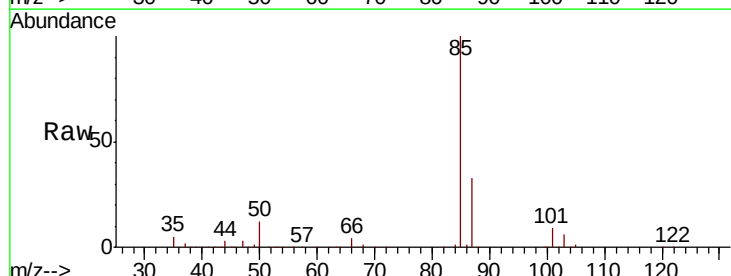
Acq: 16 Apr 2019 09:58

Tgt Ion: 85 Resp: 145378

Ion Ratio Lower Upper

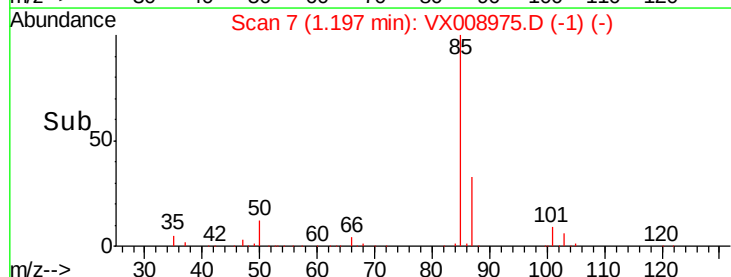
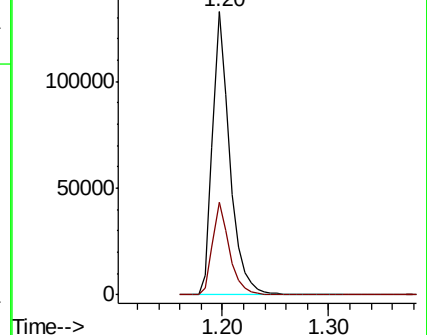
85 100

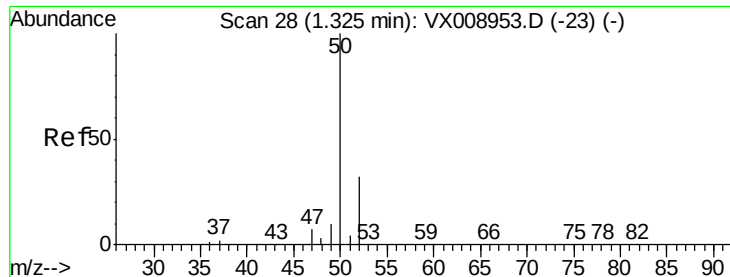
87 32.6 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 52.638 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

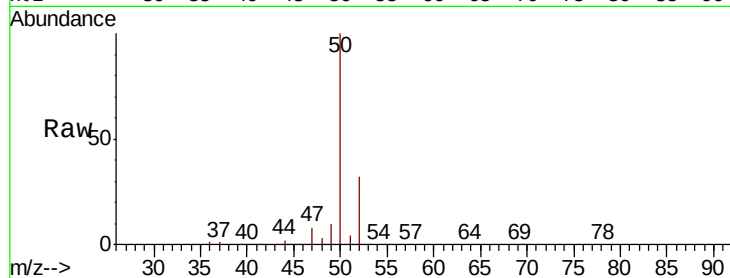
VSTDCCC050

Tot Ion: 50 Resp: 168673

Ion Ratio Lower Upper

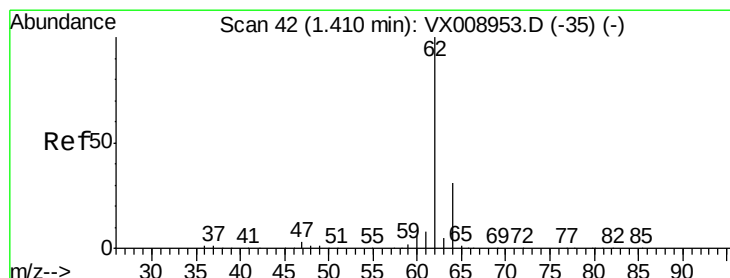
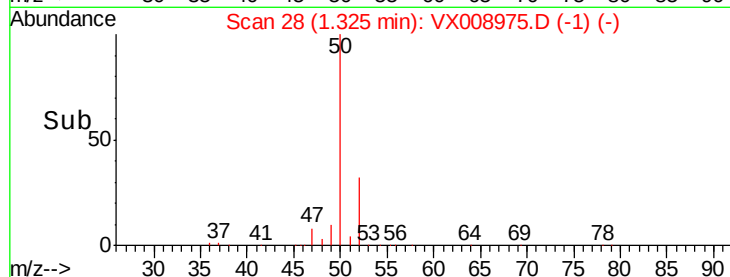
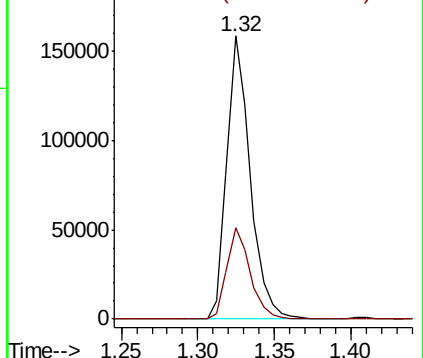
50 100

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: 51.265 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008975.D

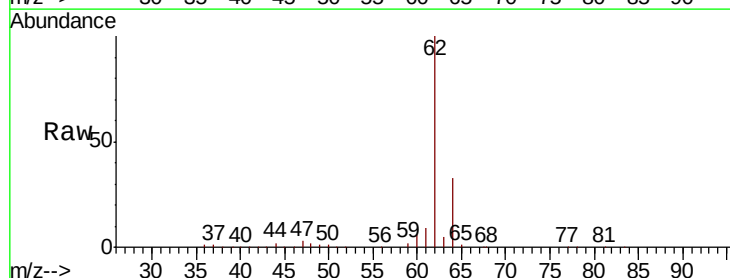
Acq: 16 Apr 2019 09:58

Tgt Ion: 62 Resp: 159887

Ion Ratio Lower Upper

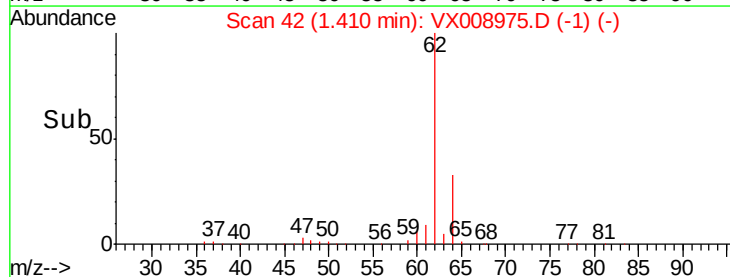
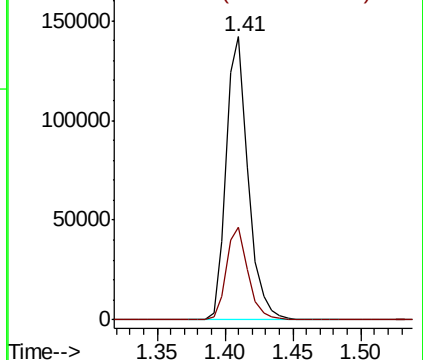
62 100

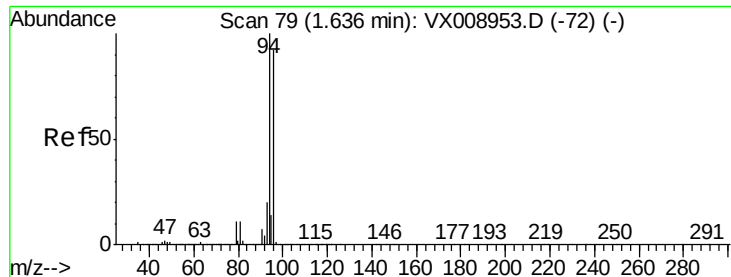
64 32.9 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 46.139 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

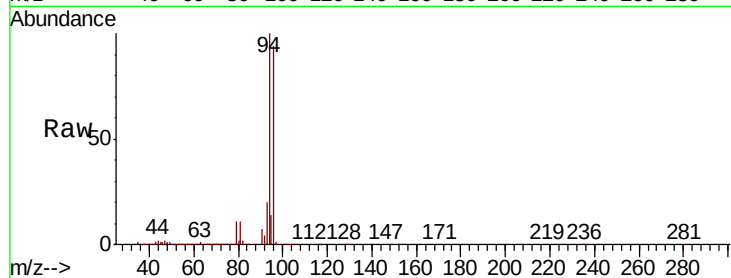
VSTDCCC050

Tot Ion: 94 Resp: 89483

Ion Ratio Lower Upper

94 100

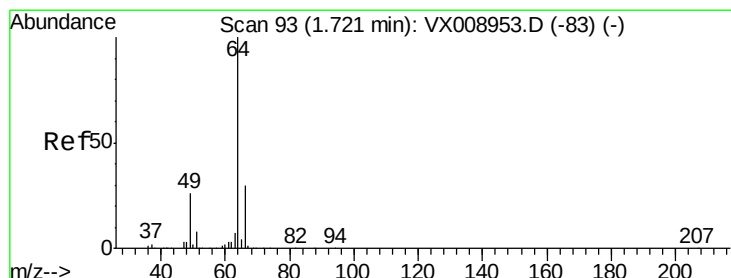
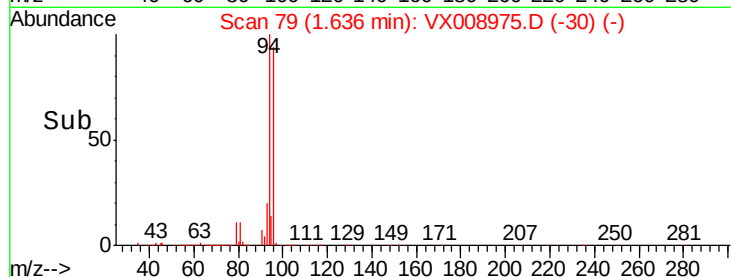
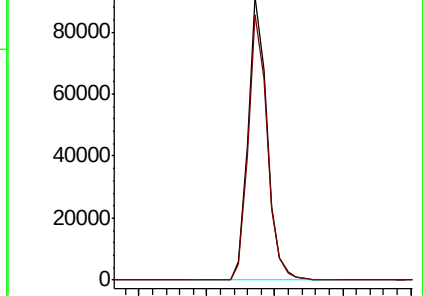
96 93.8 73.9 110.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64



#6

Chloroethane

Concen: 50.695 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX008975.D

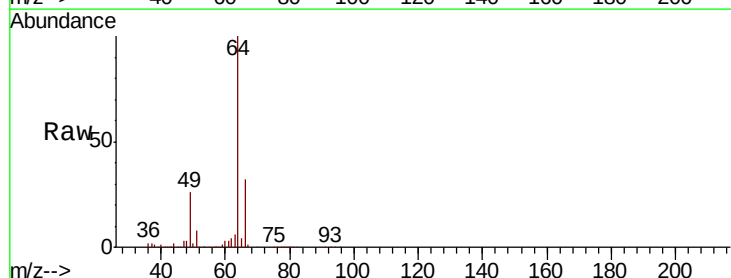
Acq: 16 Apr 2019 09:58

Tgt Ion: 64 Resp: 92975

Ion Ratio Lower Upper

64 100

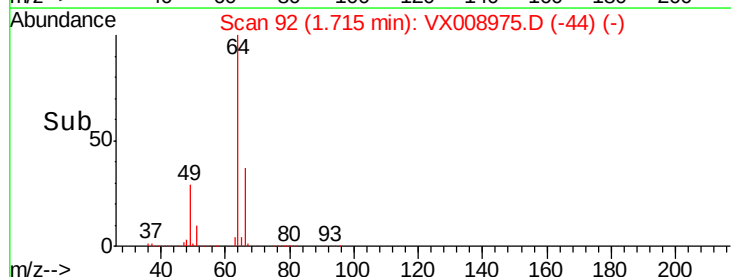
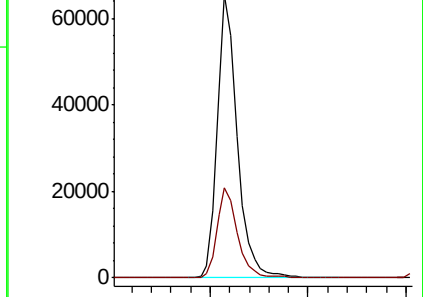
66 31.8 24.2 36.2

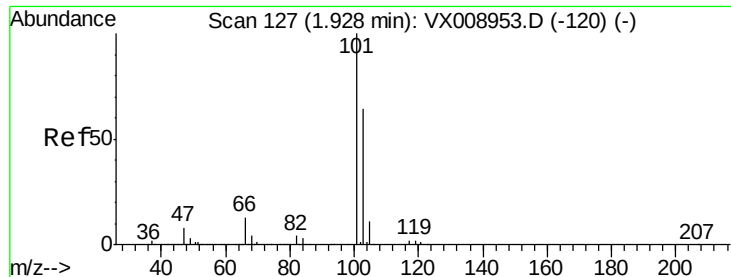


Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71



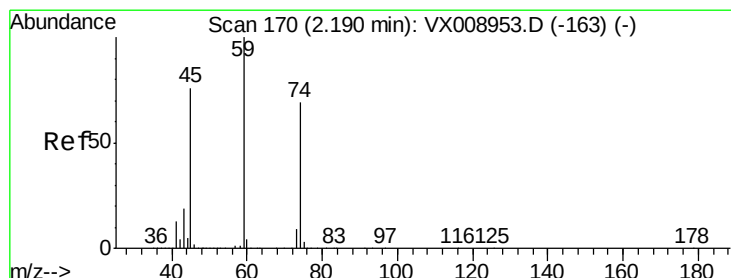
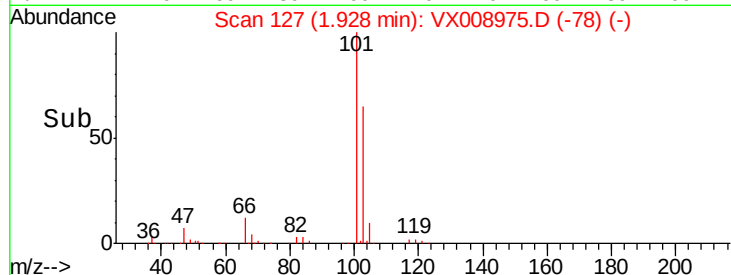
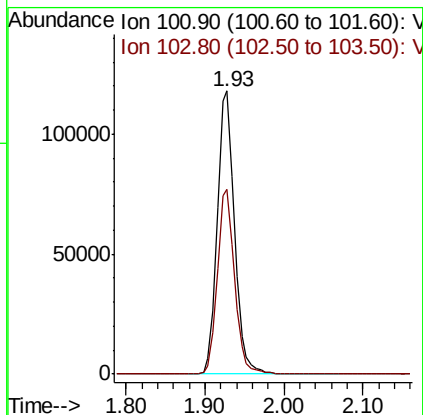
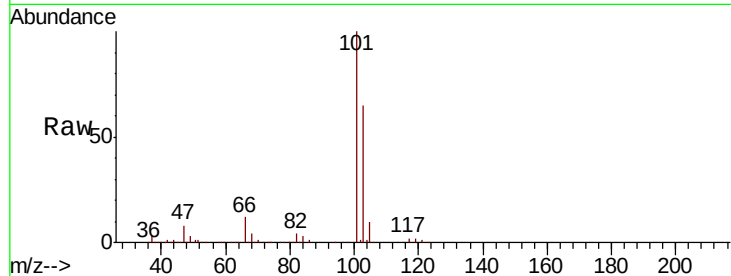


#7

Trichlorofluoromethane
 Concen: 49.554 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX008975.D
 Acq: 16 Apr 2019 09:58

Instrument :
 MSVOA_X
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 VSTDCCC050

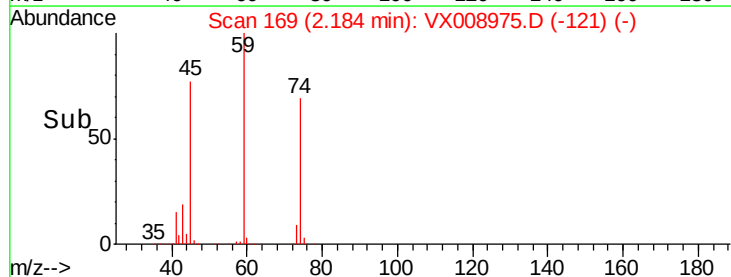
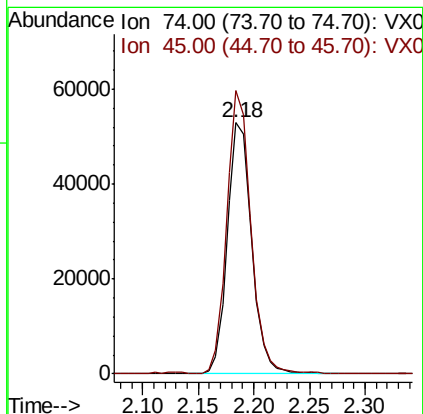
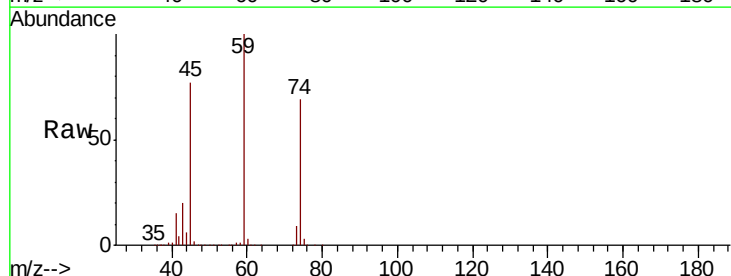
Tot Ion:101 Resp: 180448
 Ion Ratio Lower Upper
 101 100
 103 65.5 51.0 76.6

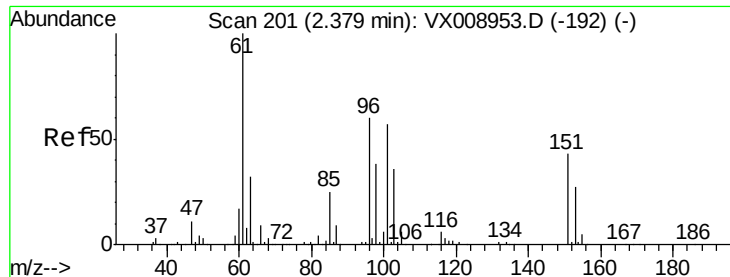


#8

Diethyl Ether
 Concen: 48.267 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.01 min
 Lab File: VX008975.D
 Acq: 16 Apr 2019 09:58

Tgt Ion: 74 Resp: 80381
 Ion Ratio Lower Upper
 74 100
 45 110.4 54.9 164.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.374 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

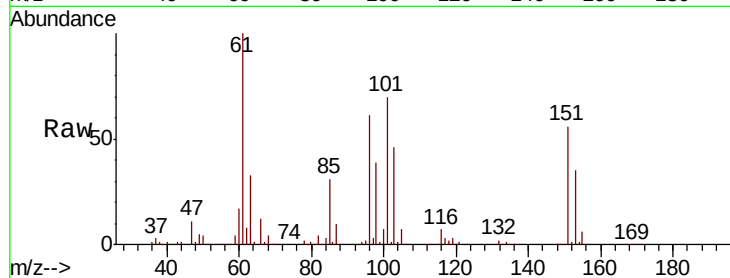
Tot Ion:101 Resp: 112626

Ion Ratio Lower Upper

101 100

85 44.0 35.7 53.5

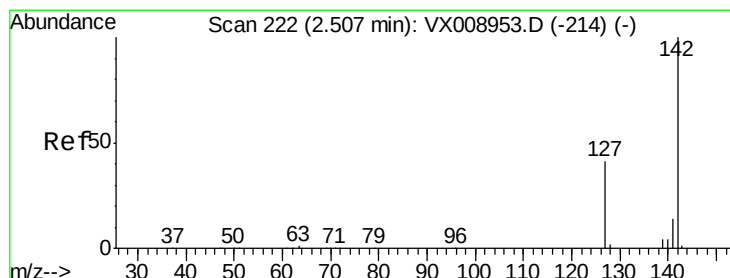
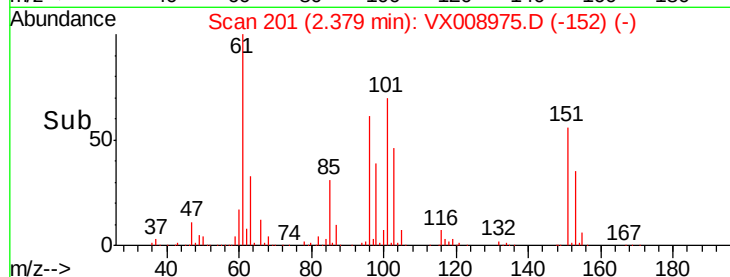
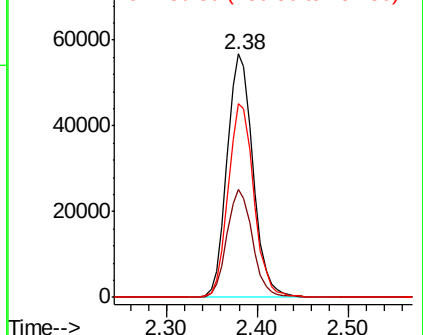
151 79.0 62.7 94.1



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: 50.072 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

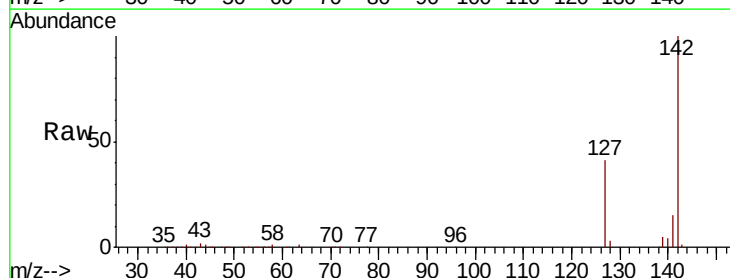
Tgt Ion:142 Resp: 127480

Ion Ratio Lower Upper

142 100

127 41.0 32.8 49.2

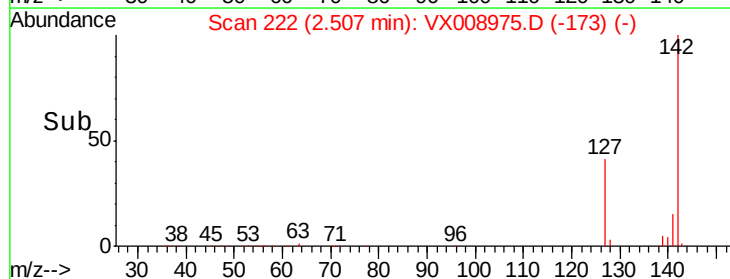
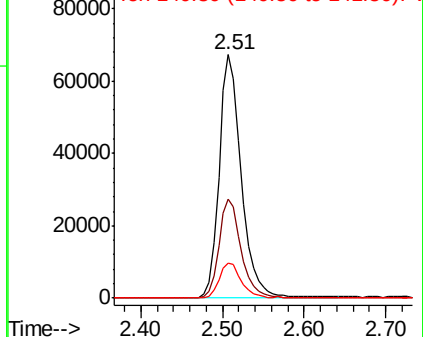
141 14.6 11.4 17.2

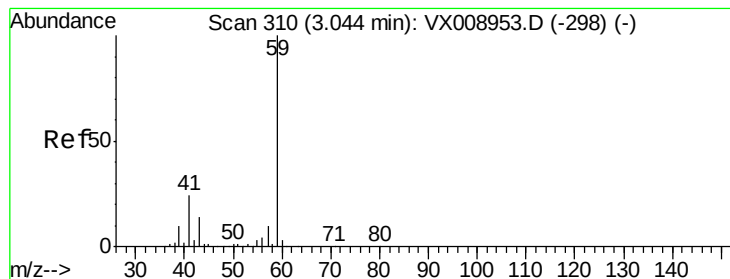


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



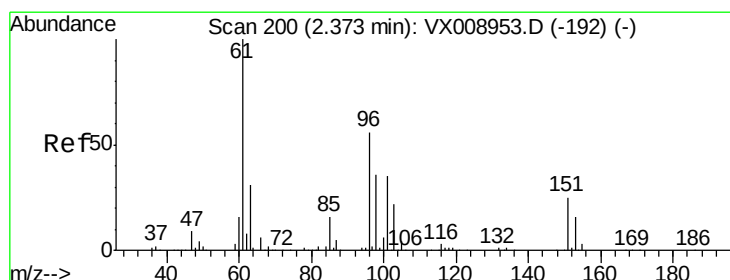
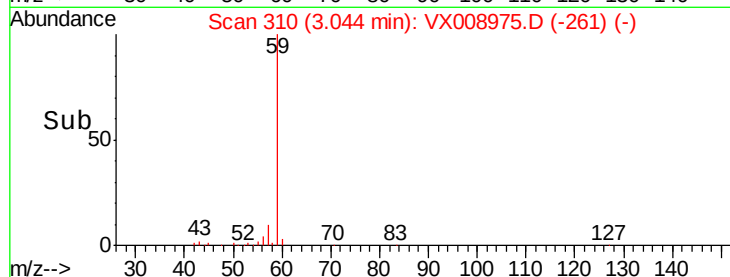
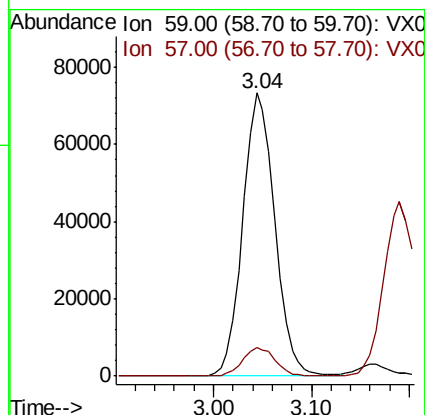
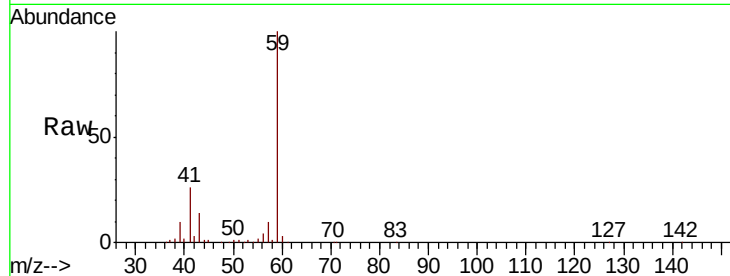


#11

Tert butyl alcohol
 Concen: 235.204 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.00 min
 Lab File: VX008975.D
 Acq: 16 Apr 2019 09:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

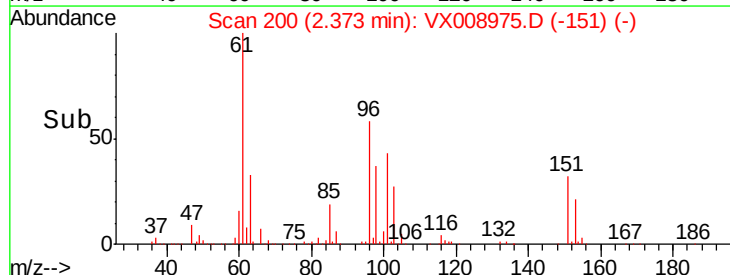
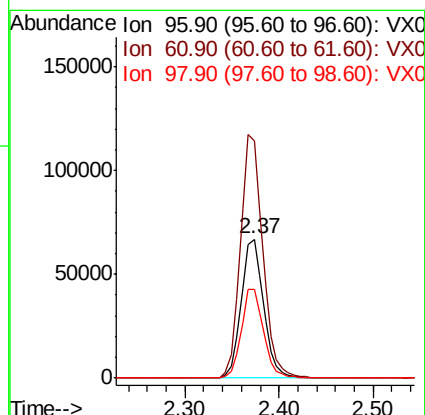
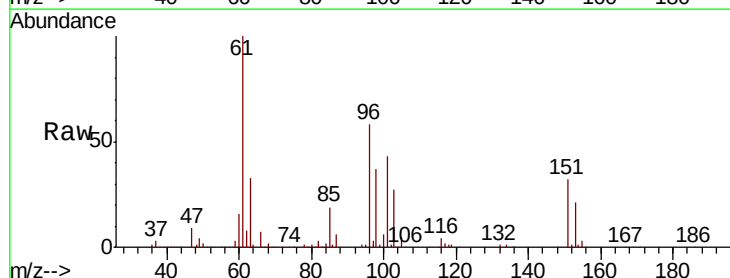
Tot Ion: 59 Resp: 166736
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.4 12.6

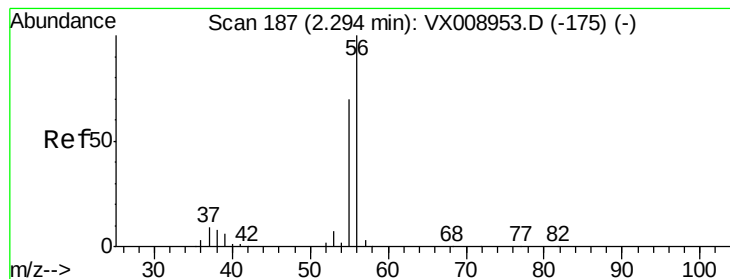


#12

1,1-Dichloroethene
 Concen: 45.774 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX008975.D
 Acq: 16 Apr 2019 09:58

Tgt Ion: 96 Resp: 111237
 Ion Ratio Lower Upper
 96 100
 61 171.1 142.2 213.2
 98 64.0 50.9 76.3





#13

Acrolein

Concen: 202.769 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

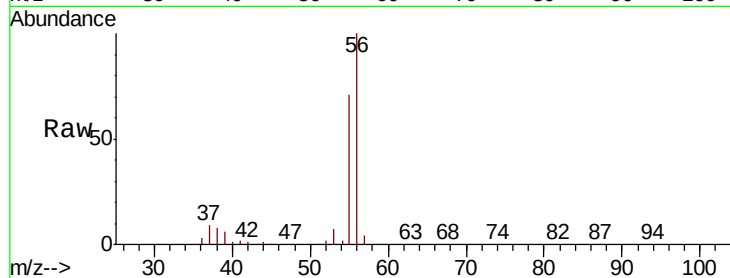
VSTDCCC050

Tot Ion: 56 Resp: 124199

Ion Ratio Lower Upper

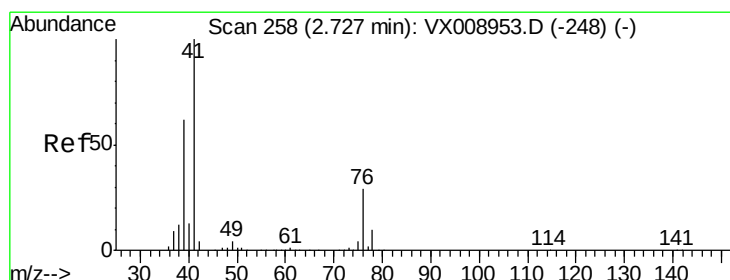
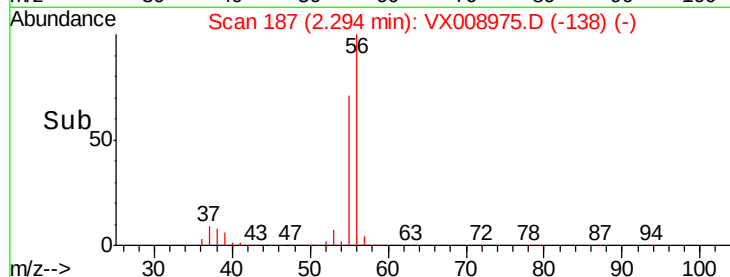
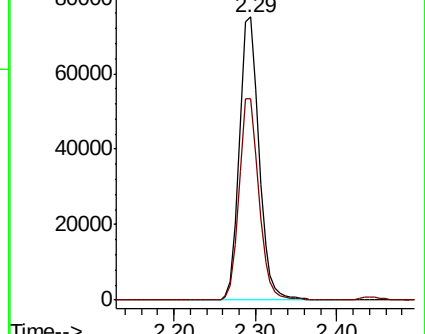
56 100

55 71.6 56.6 84.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 51.338 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

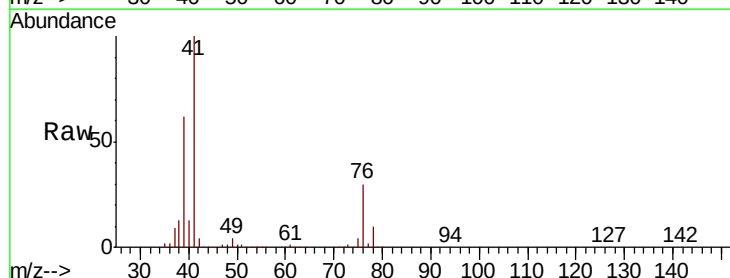
Tgt Ion: 41 Resp: 272186

Ion Ratio Lower Upper

41 100

39 59.1 46.7 70.1

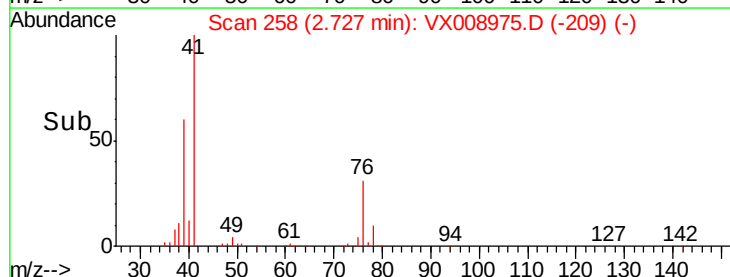
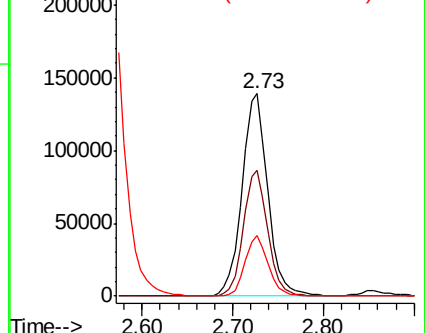
76 27.1 22.0 33.0

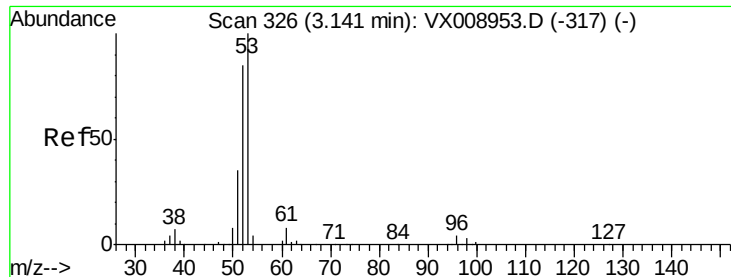


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 241.778 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

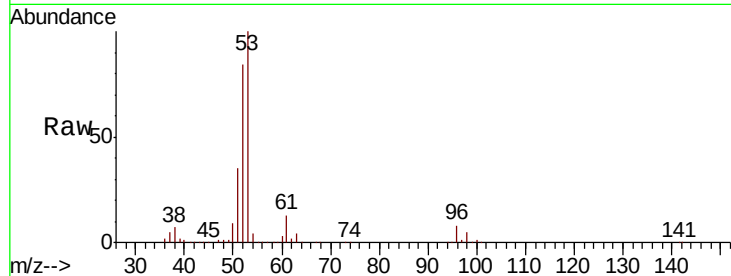
Tot Ion: 53 Resp: 435086

Ion Ratio Lower Upper

53 100

52 83.2 66.6 100.0

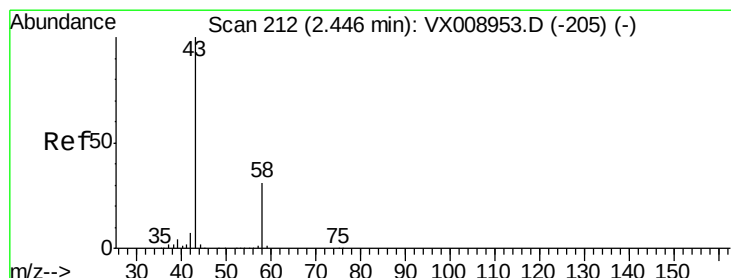
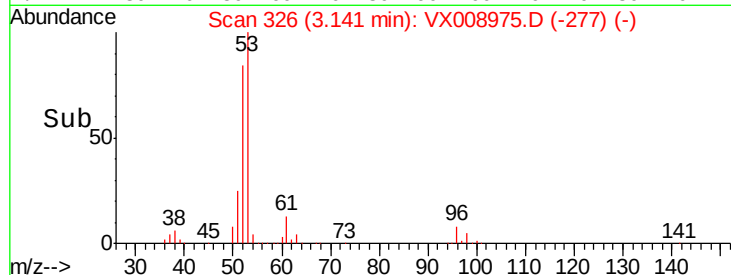
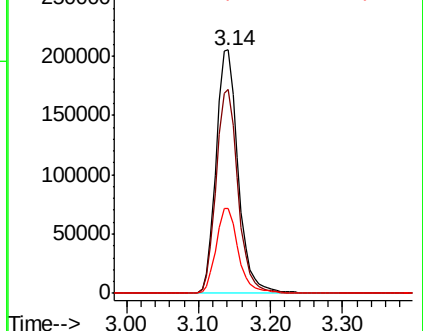
51 35.3 28.3 42.5



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: 244.584 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008975.D

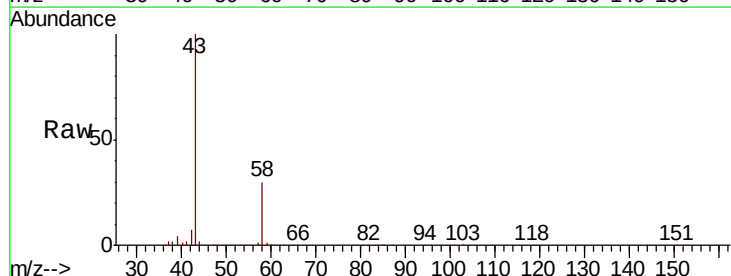
Acq: 16 Apr 2019 09:58

Tgt Ion: 43 Resp: 405065

Ion Ratio Lower Upper

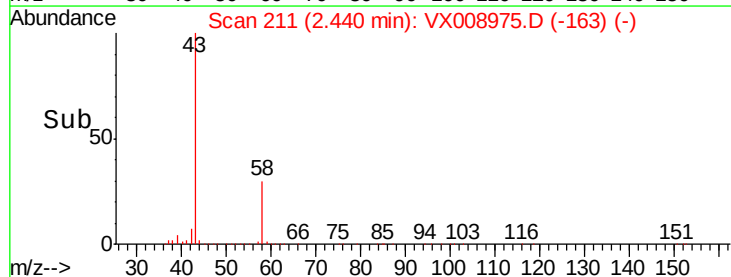
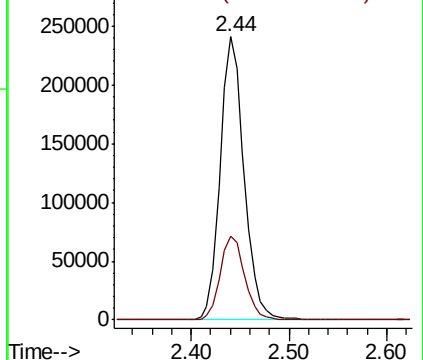
43 100

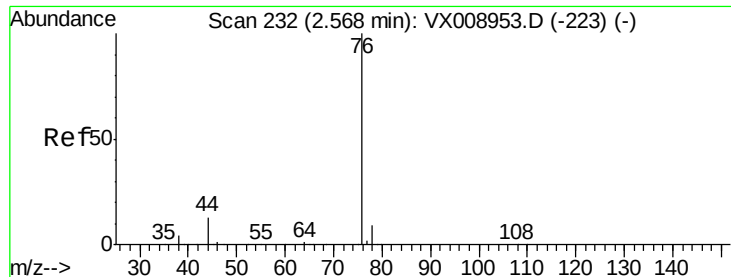
58 29.7 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

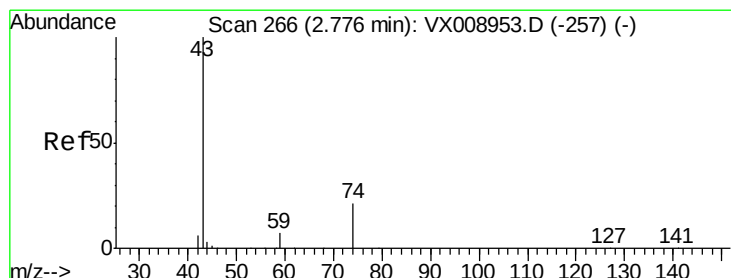
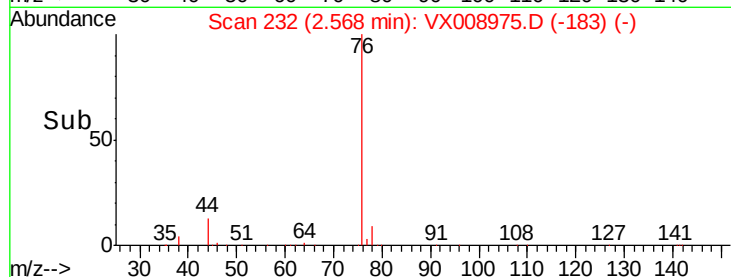
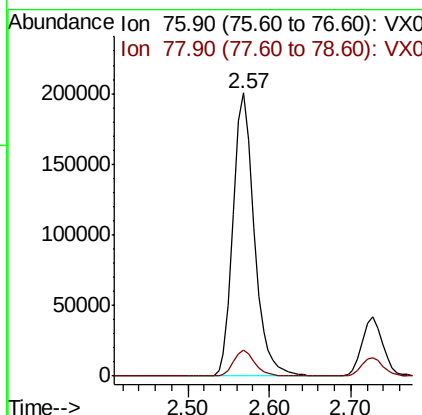
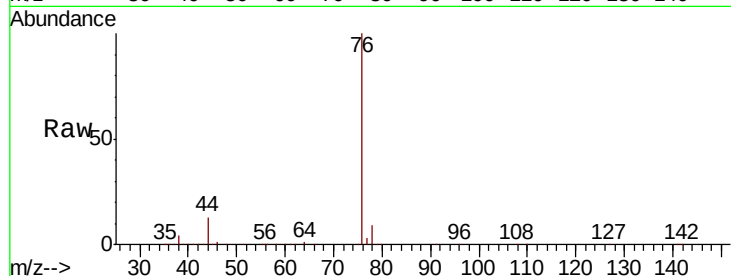




#17
Carbon Disulfide
Concen: 50.063 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008975.D
Acq: 16 Apr 2019 09:58

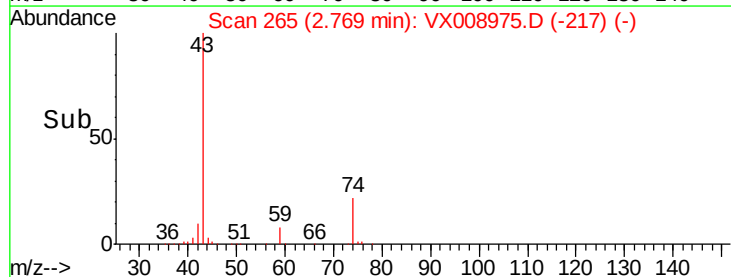
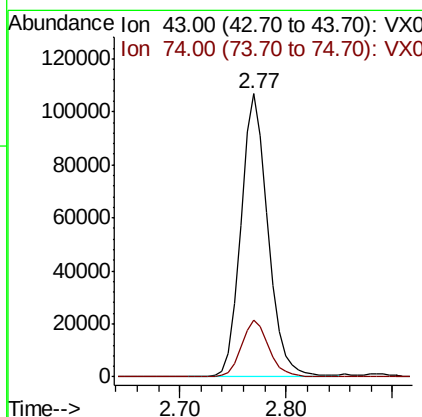
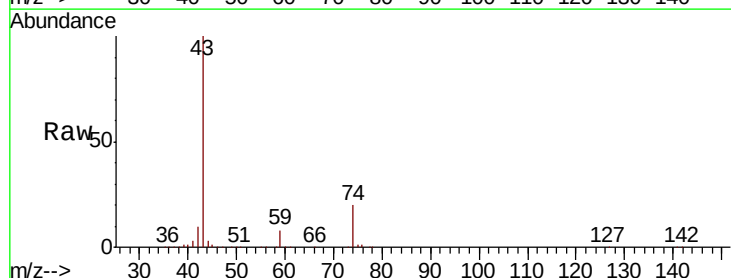
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

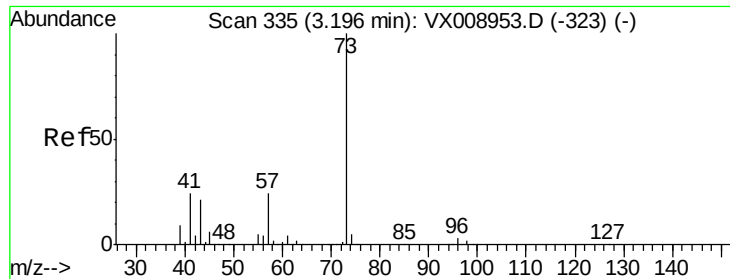
Tot Ion: 76 Resp: 357518
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 45.935 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX008975.D
Acq: 16 Apr 2019 09:58

Tgt Ion: 43 Resp: 189865
Ion Ratio Lower Upper
43 100
74 20.5 16.6 25.0

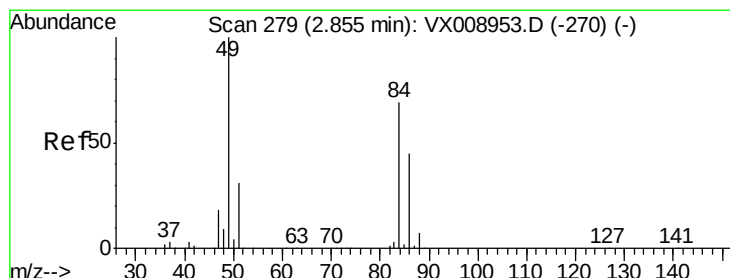
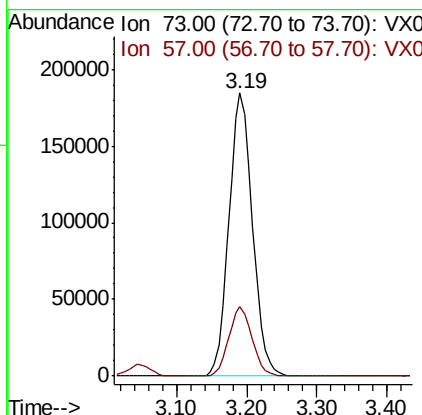
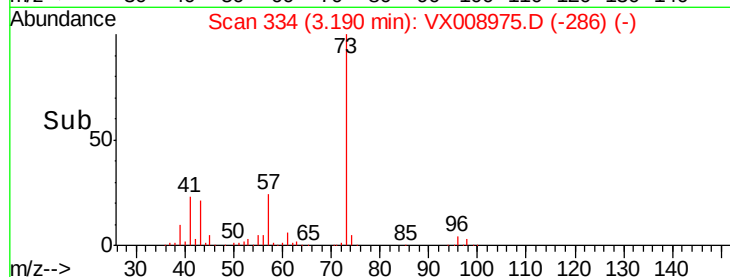
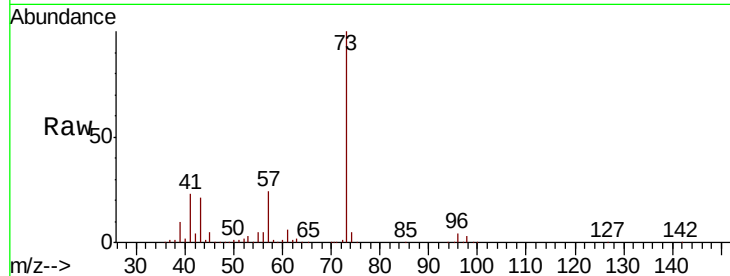




#19
Methyl tert-butyl Ether
Concen: 49.770 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX008975.D
Acq: 16 Apr 2019 09:58

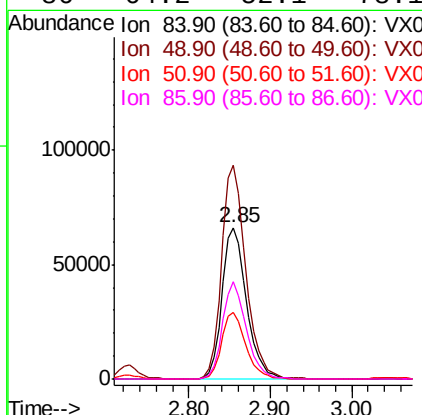
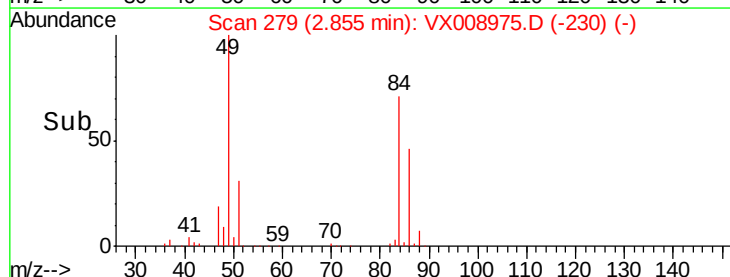
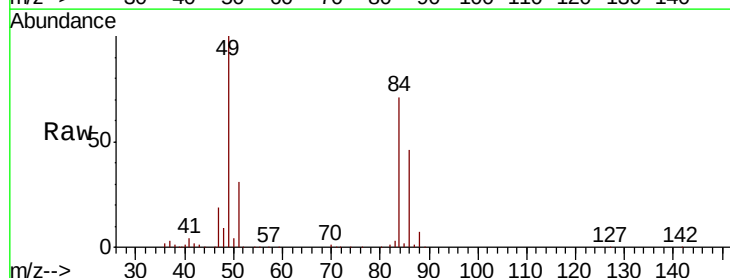
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

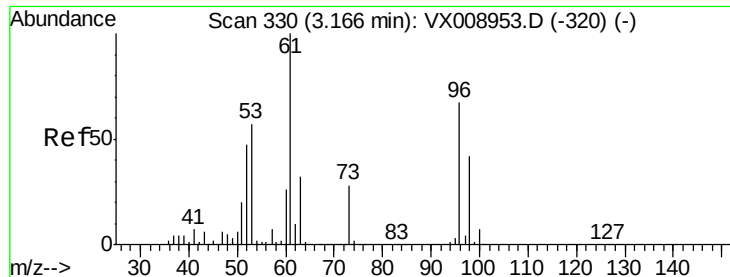
Tot Ion: 73 Resp: 430960
Ion Ratio Lower Upper
73 100
57 24.5 19.2 28.8



#20
Methylene Chloride
Concen: 48.218 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX008975.D
Acq: 16 Apr 2019 09:58

Tgt Ion: 84 Resp: 136564
Ion Ratio Lower Upper
84 100
49 141.0 115.4 173.0
51 44.0 35.8 53.6
86 64.2 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 48.582 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

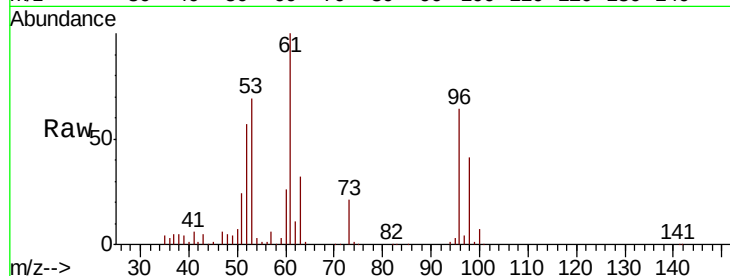
Tot Ion: 96 Resp: 125927

Ion Ratio Lower Upper

96 100

61 156.9 120.3 180.5

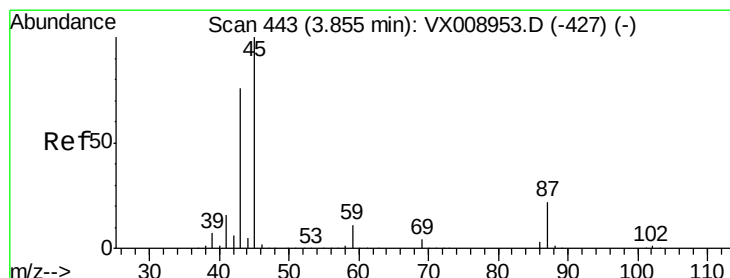
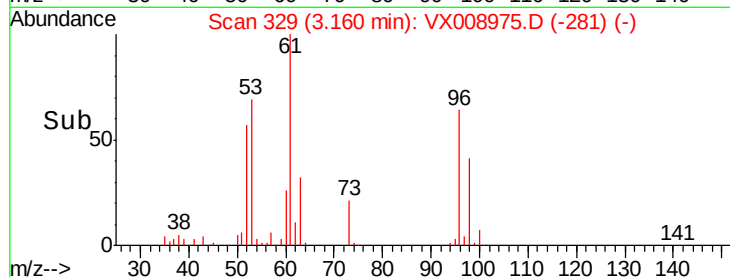
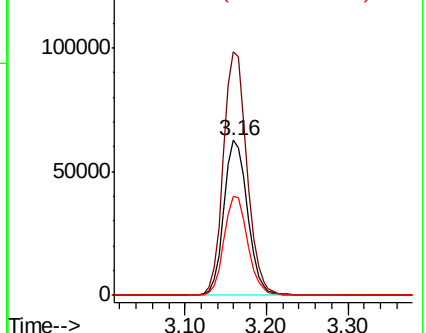
98 64.0 50.2 75.2



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: 50.558 ug/l

RT: 3.85 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

Tgt Ion: 45 Resp: 520877

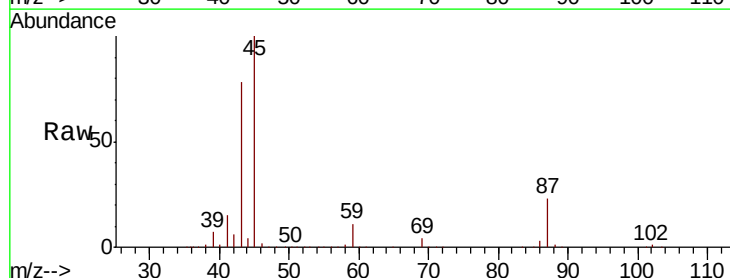
Ion Ratio Lower Upper

45 100

43 77.7 60.6 91.0

87 22.9 17.8 26.8

59 10.8 8.7 13.1

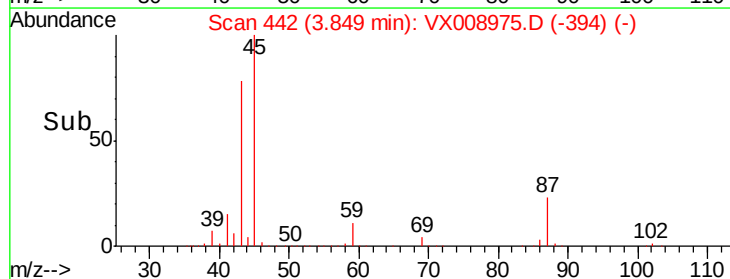
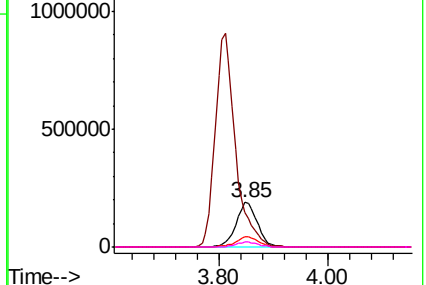


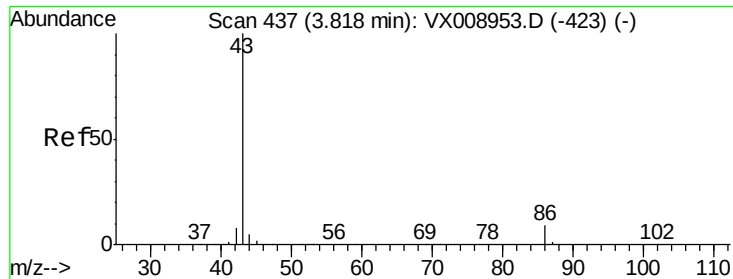
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 257.325 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

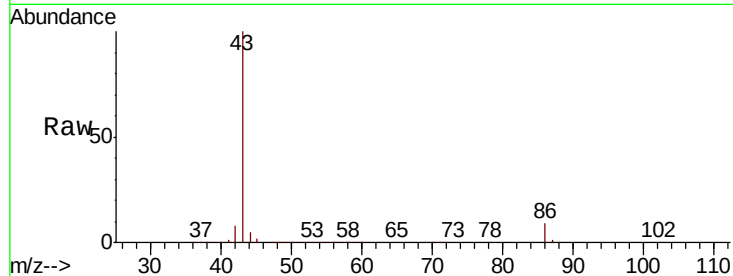
VSTDCCC050

Tot Ion: 43 Resp: 2330404

Ion Ratio Lower Upper

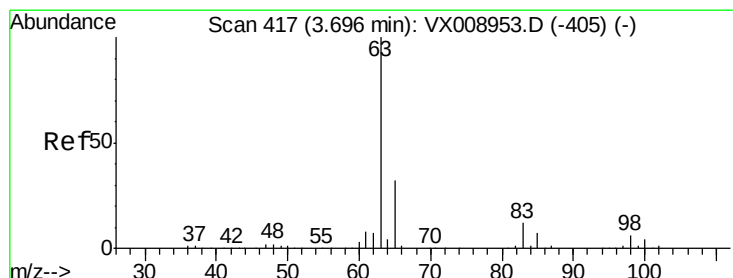
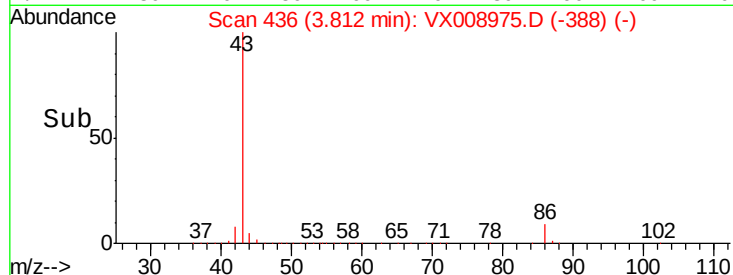
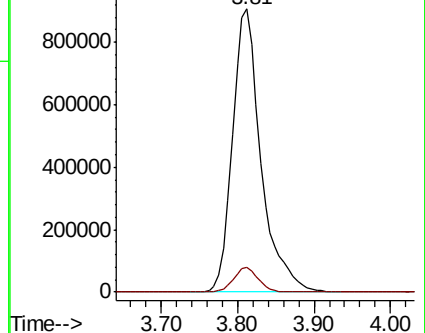
43 100

86 8.8 7.1 10.7



Abundance Ion 43.00 (42.70 to 43.70): VX008975.D (-388) (-)

Ion 86.00 (85.70 to 86.70): VX008975.D (-388) (-)



#24

1,1-Dichloroethane

Concen: 49.174 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

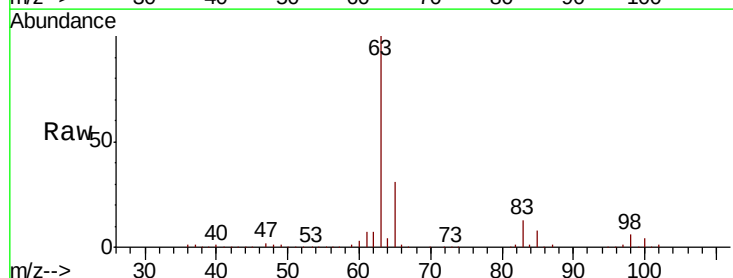
Tgt Ion: 63 Resp: 254310

Ion Ratio Lower Upper

63 100

98 5.9 3.1 9.3

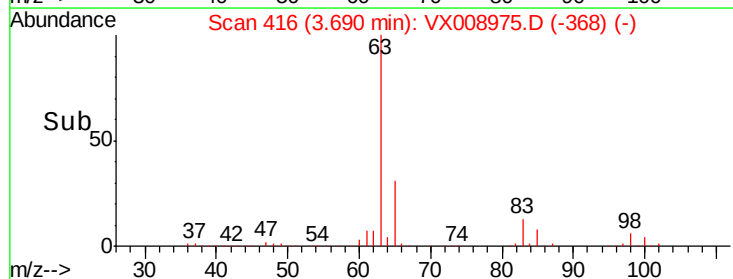
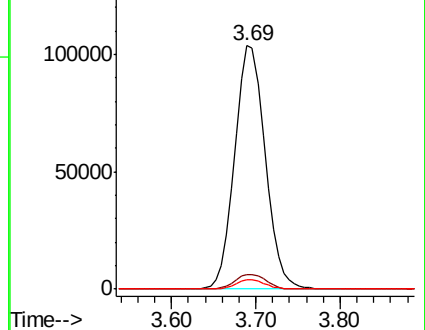
100 3.7 1.9 5.7

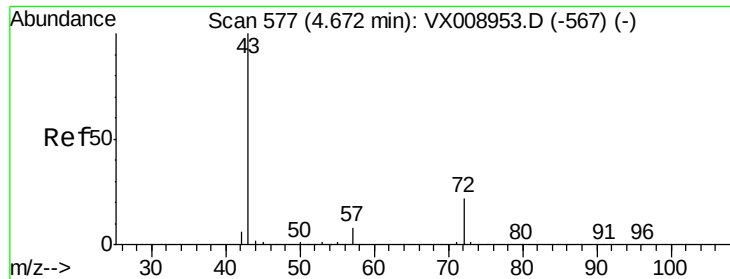


Abundance Ion 62.90 (62.60 to 63.60): VX008975.D (-368) (-)

Ion 97.90 (97.60 to 98.60): VX008975.D (-368) (-)

Ion 99.90 (99.60 to 100.60): VX008975.D (-368) (-)





#25

2-Butanone

Concen: 249.293 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

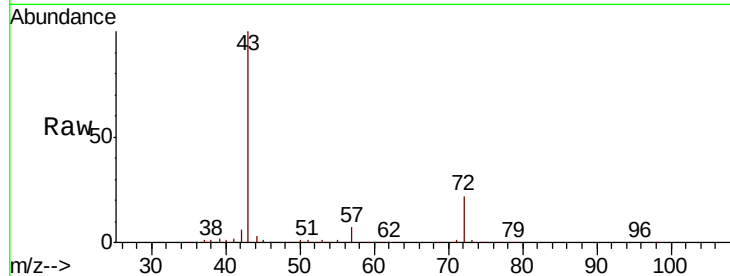
VSTDCCC050

Tot Ion: 43 Resp: 659935

Ion Ratio Lower Upper

43 100

72 22.2 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

100000

50000

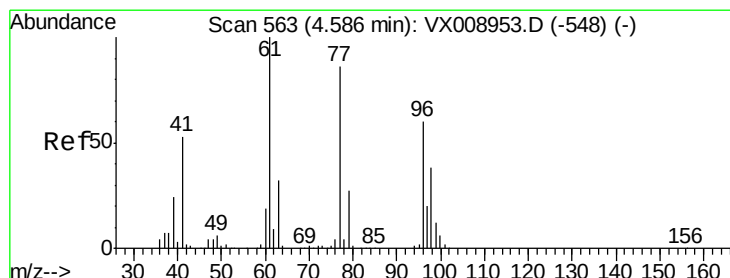
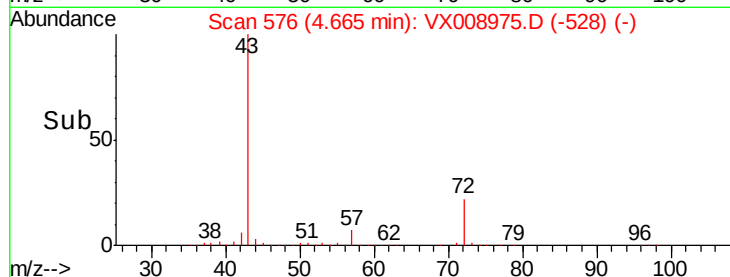
0

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 50.544 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008975.D

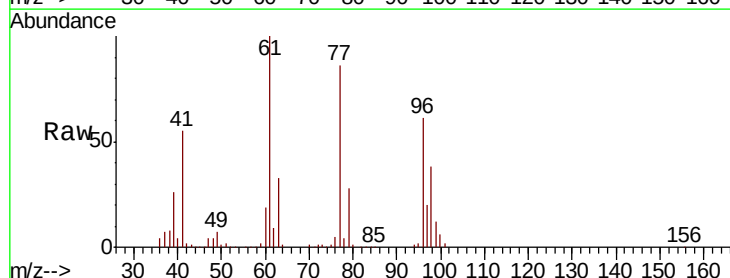
Acq: 16 Apr 2019 09:58

Tgt Ion: 77 Resp: 195939

Ion Ratio Lower Upper

77 100

97 22.8 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

40000

20000

0

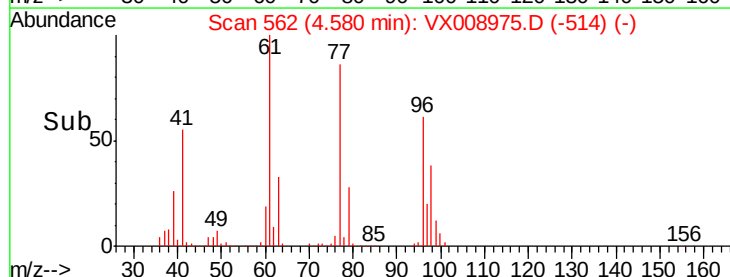
4.40

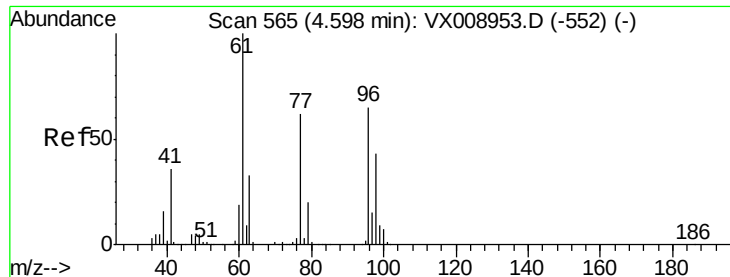
4.50

4.60

4.70

Time-->



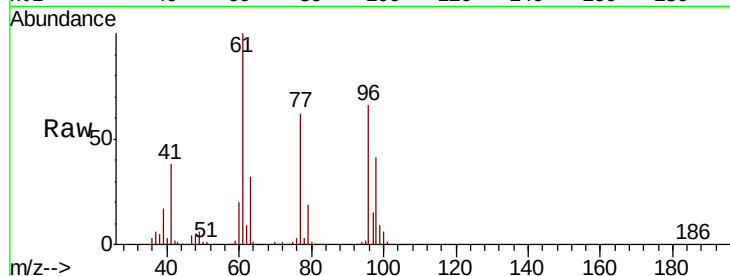


#27

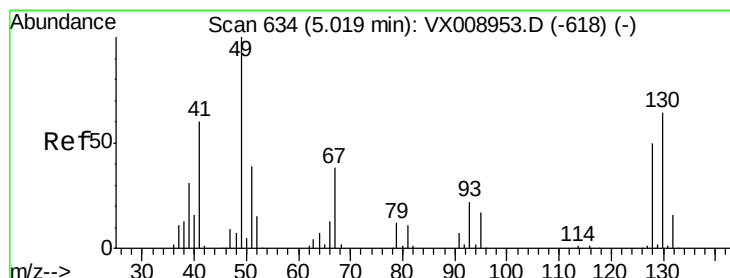
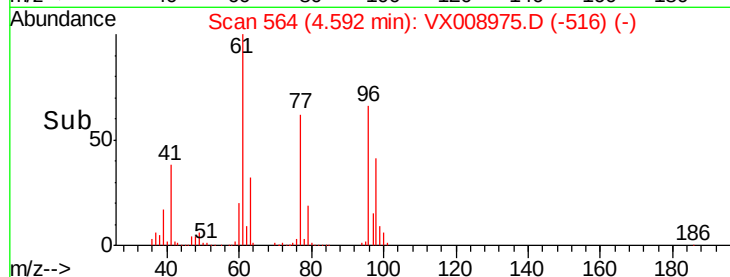
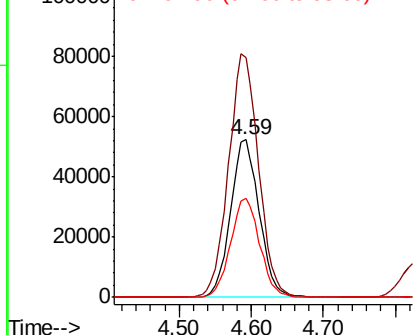
cis-1,2-Dichloroethene
Concen: 49.131 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX008975.D
Acq: 16 Apr 2019 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	162.2	0.0	322.0
98	64.3	0.0	128.4



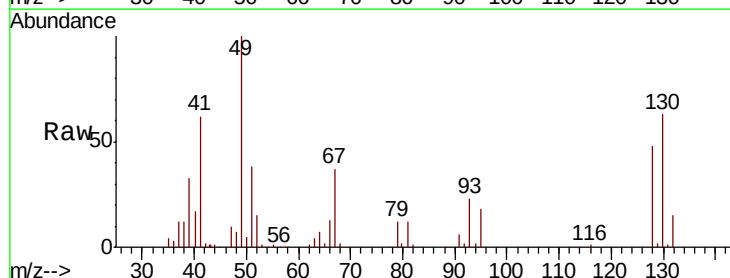
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



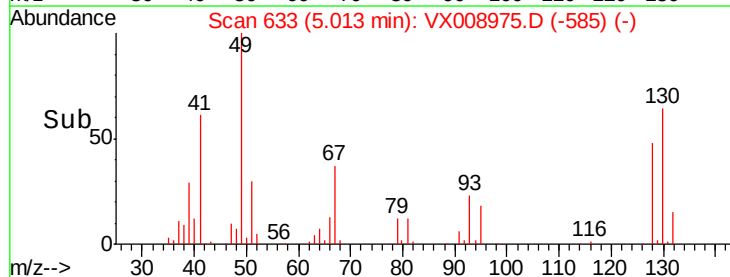
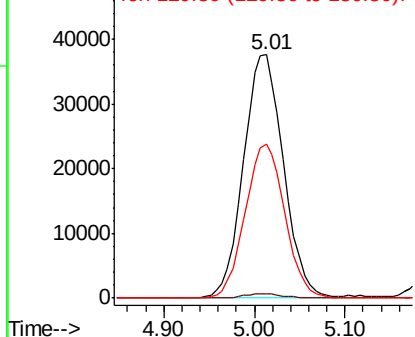
#28

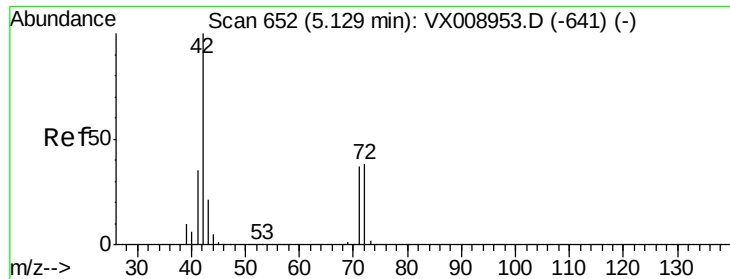
Bromochloromethane
Concen: 53.692 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008975.D
Acq: 16 Apr 2019 09:58

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.6
130	62.5	50.4	75.6



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

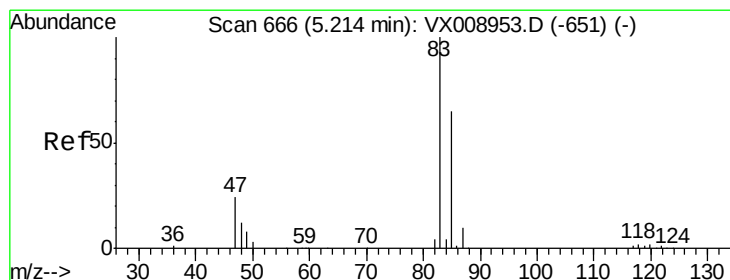
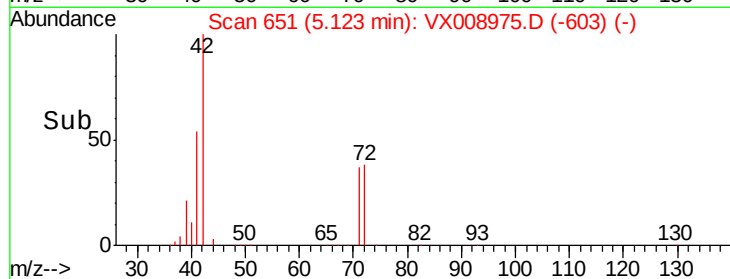
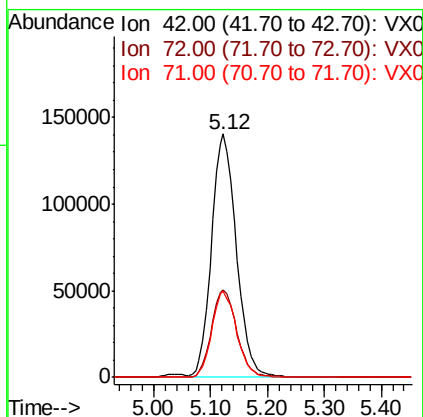
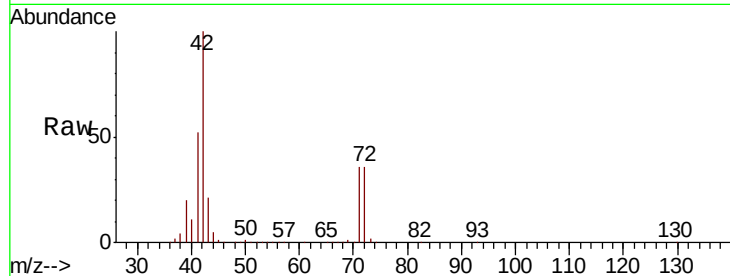




#29
Tetrahydrofuran
Concen: 239.238 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX008975.D
Acq: 16 Apr 2019 09:58

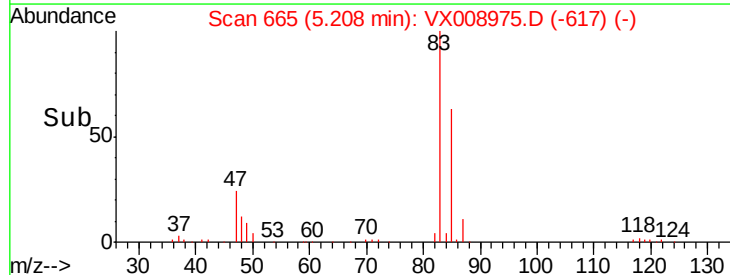
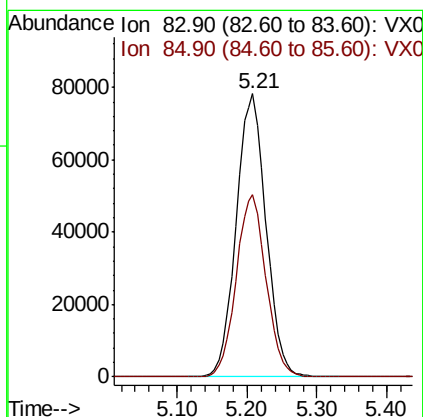
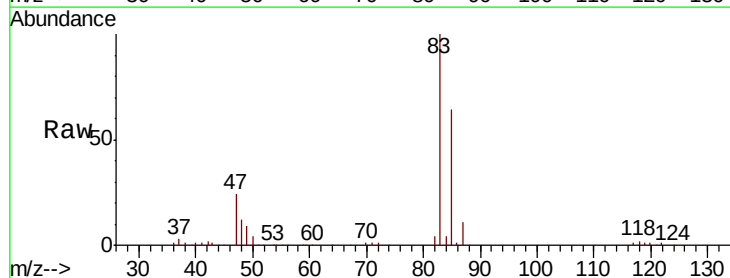
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

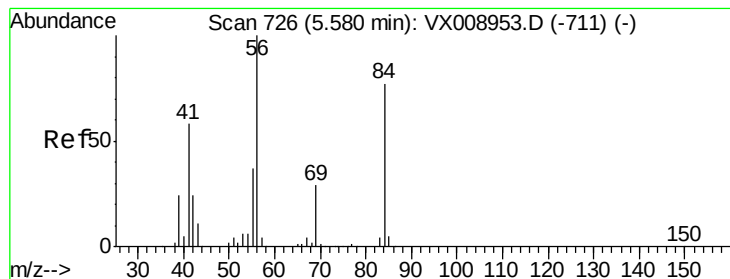
Tot Ion: 42 Resp: 423891
Ion Ratio Lower Upper
42 100
72 37.1 30.6 45.8
71 35.2 28.8 43.2



#30
Chloroform
Concen: 49.939 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX008975.D
Acq: 16 Apr 2019 09:58

Tgt Ion: 83 Resp: 231112
Ion Ratio Lower Upper
83 100
85 64.2 51.9 77.9





#31

Cyclohexane

Concen: 51.207 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

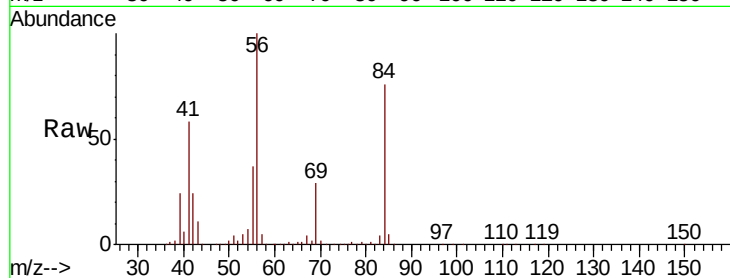
Tot Ion: 56 Resp: 260472

Ion Ratio Lower Upper

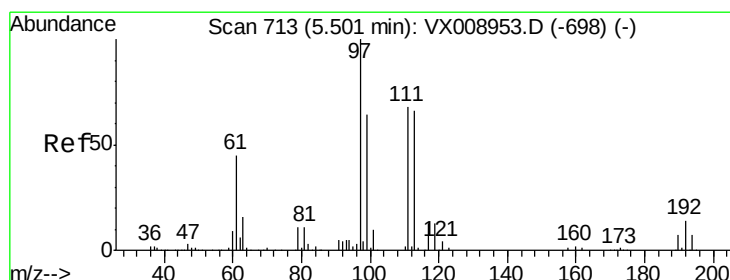
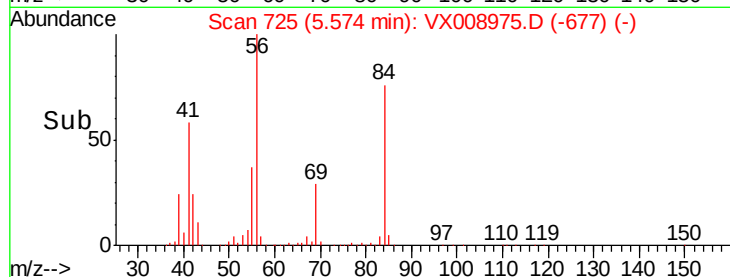
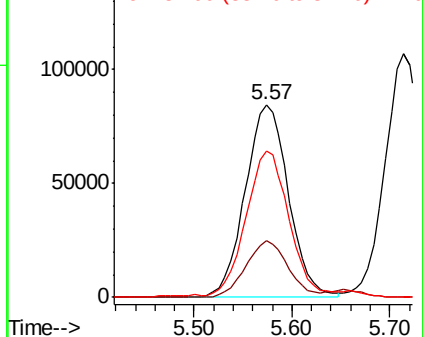
56 100

69 29.2 23.3 34.9

84 75.1 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: 50.418 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

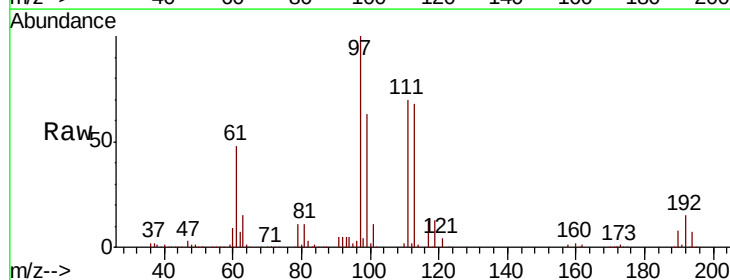
Tgt Ion: 97 Resp: 193383

Ion Ratio Lower Upper

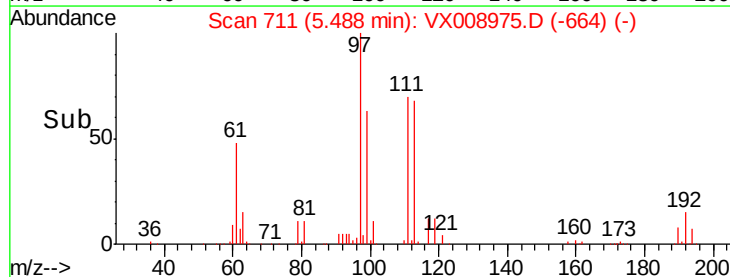
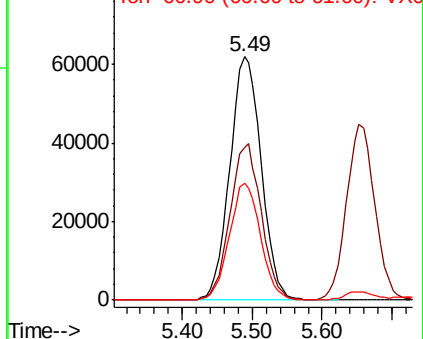
97 100

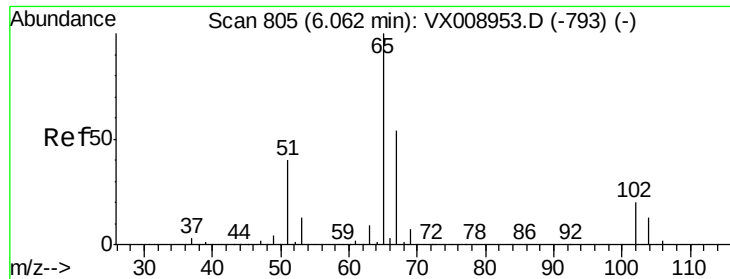
99 63.9 51.6 77.4

61 47.8 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

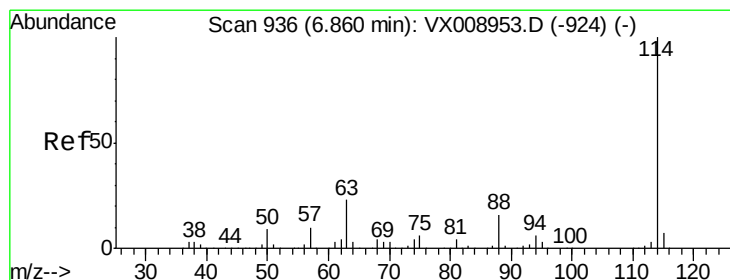
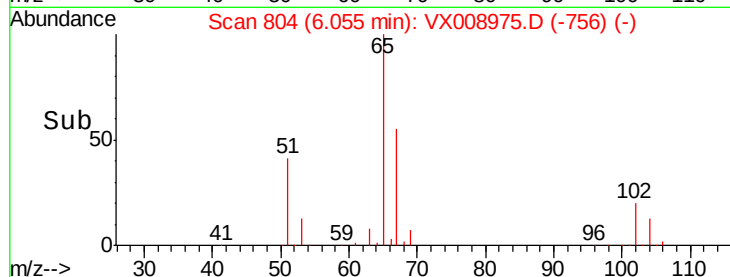
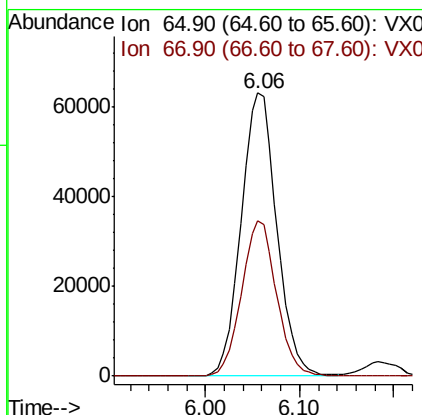
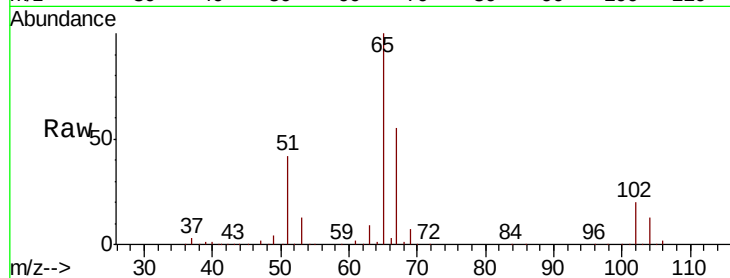




#33
 1,2-Dichloroethane-d4
 Concen: 52.429 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX008975.D
 Acq: 16 Apr 2019 09:58

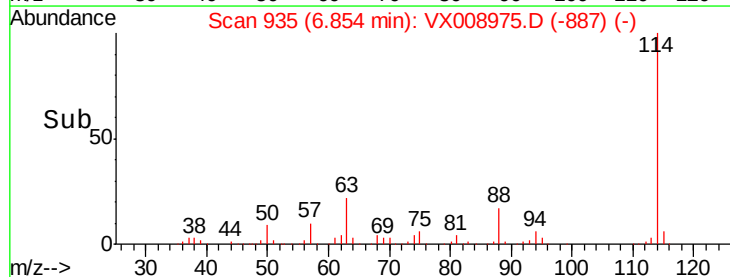
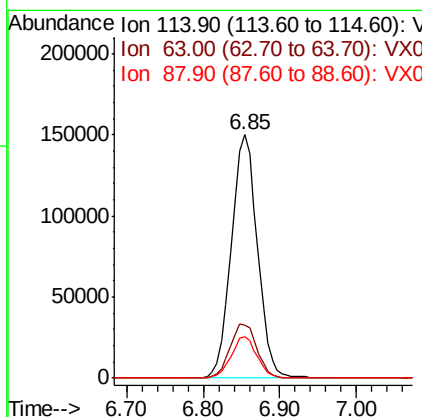
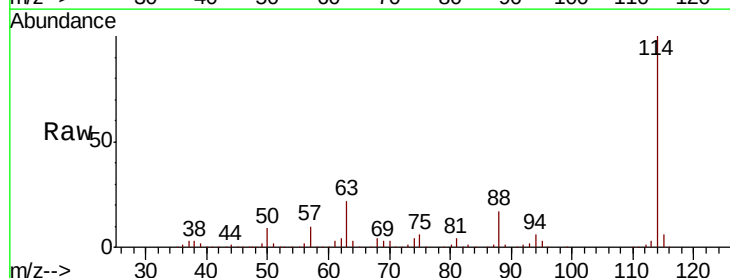
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

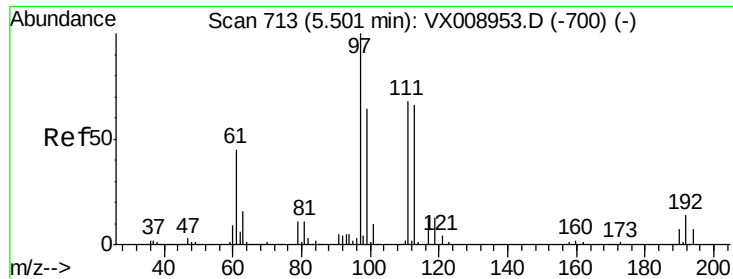
Tot Ion: 65 Resp: 167439
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX008975.D
 Acq: 16 Apr 2019 09:58

Tgt Ion: 114 Resp: 354593
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 46.0
 88 17.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 54.263 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

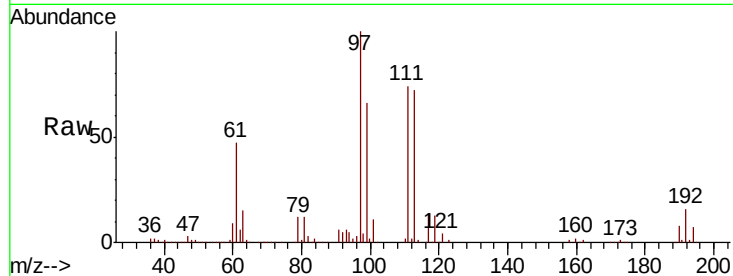
Tot Ion:113 Resp: 123487

Ion Ratio Lower Upper

113 100

111 104.3 82.9 124.3

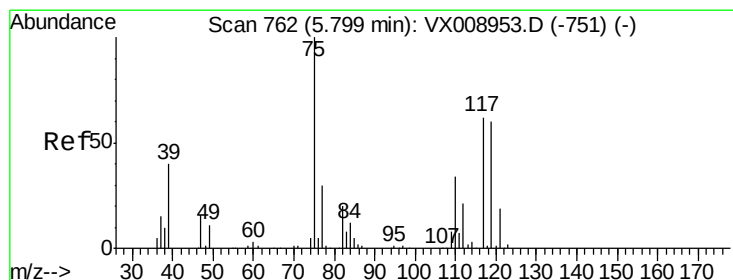
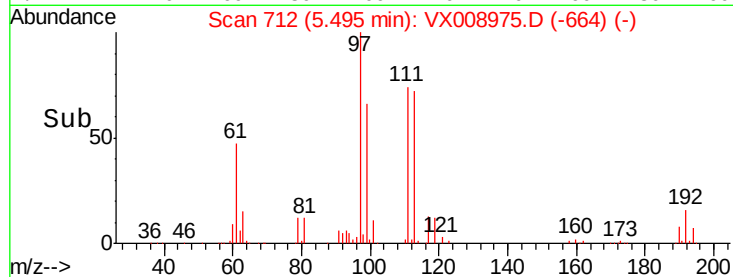
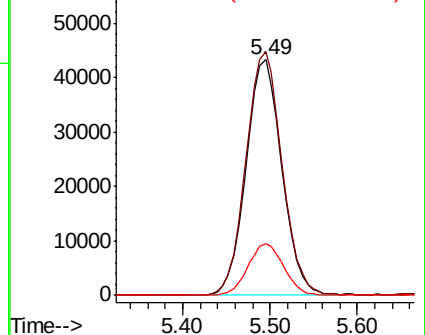
192 21.8 17.4 26.0



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: 50.510 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

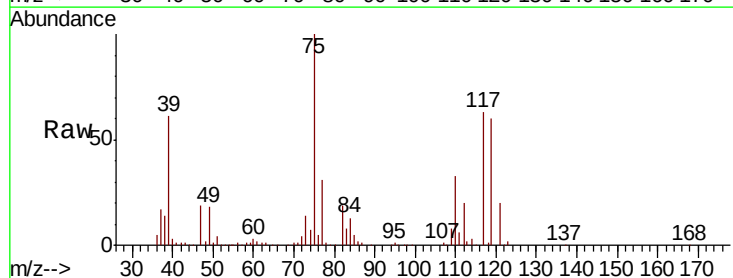
Tgt Ion: 75 Resp: 185232

Ion Ratio Lower Upper

75 100

110 33.2 16.9 50.7

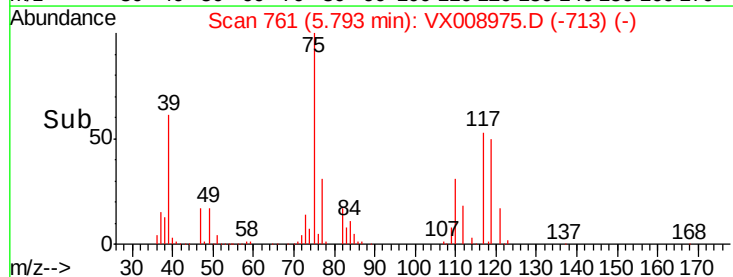
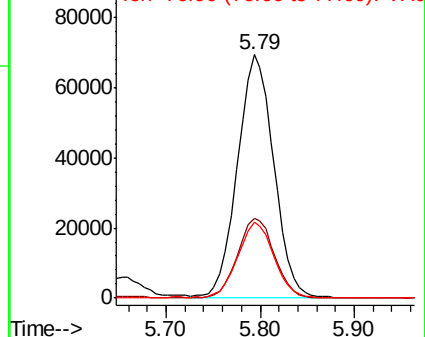
77 31.2 25.0 37.4

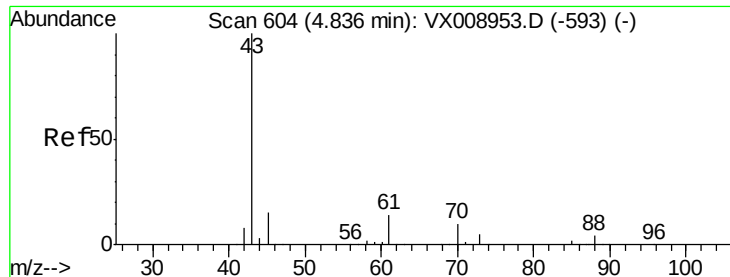


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 51.510 ug/l

RT: 4.82 min Scan# 602

Delta R.T. -0.01 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

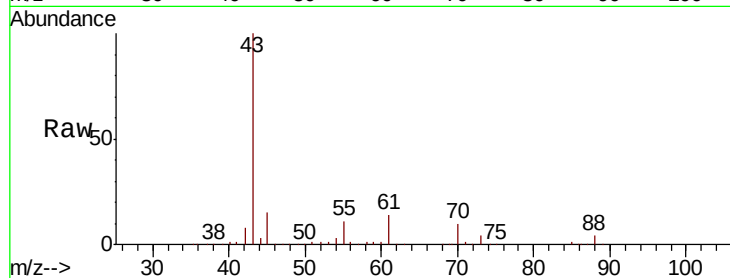
Tot Ion: 43 Resp: 243074

Ion Ratio Lower Upper

43 100

61 13.2 10.6 15.8

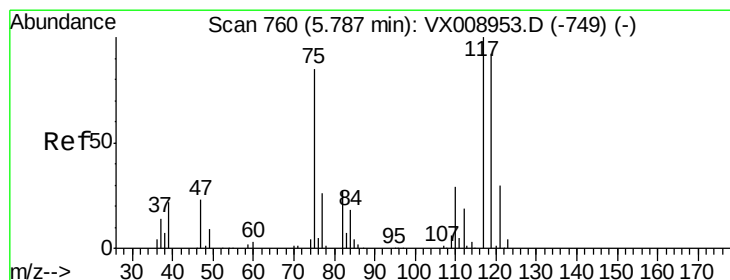
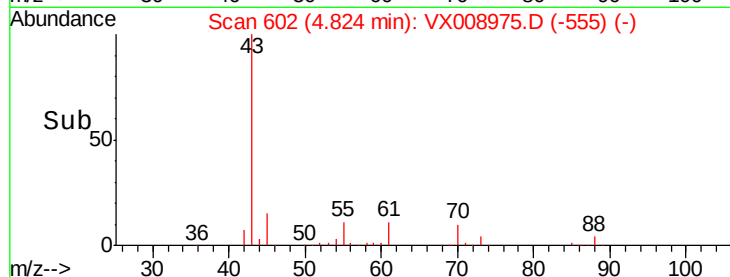
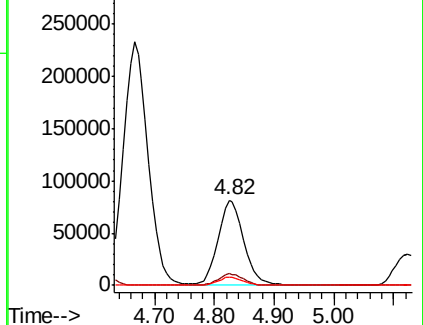
70 9.6 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 52.559 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

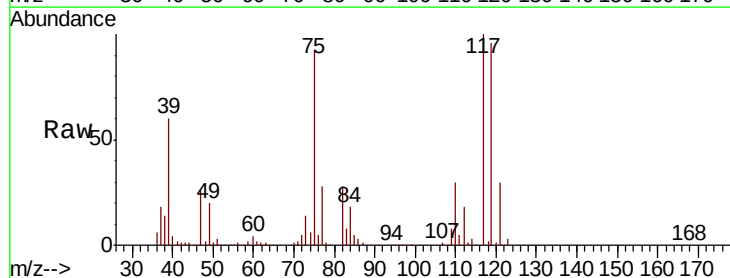
Tgt Ion: 117 Resp: 163404

Ion Ratio Lower Upper

117 100

119 95.8 73.8 110.8

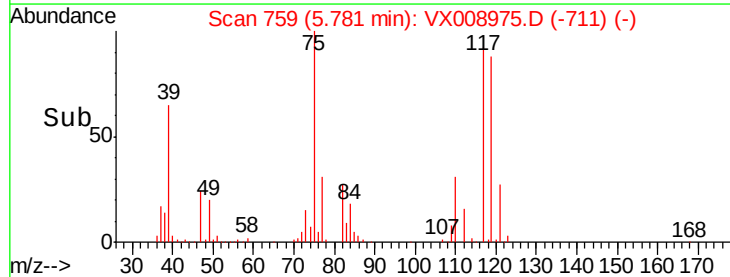
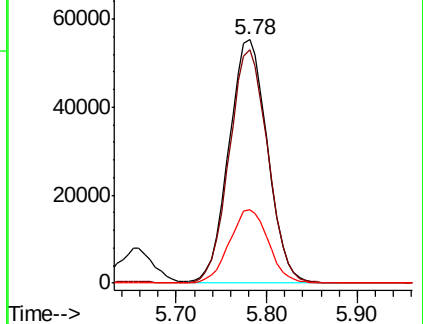
121 30.3 23.6 35.4

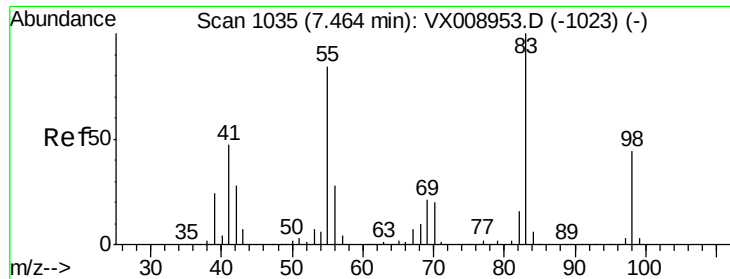


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#39

Methylvlcyclohexane

Concen: 54.051 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

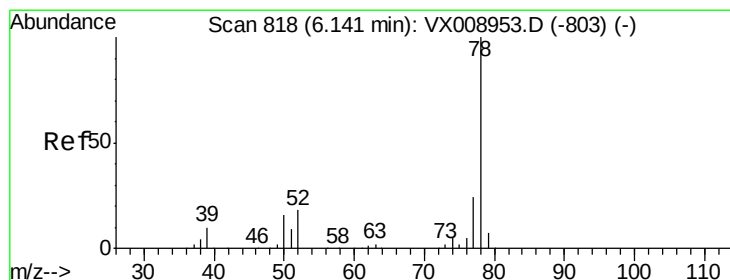
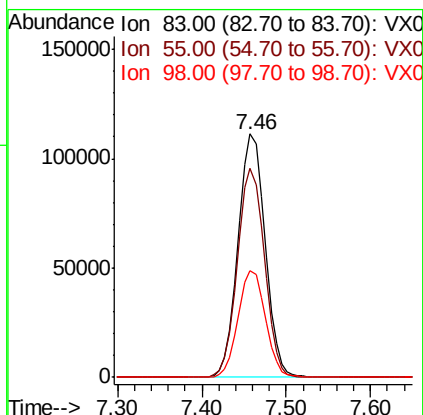
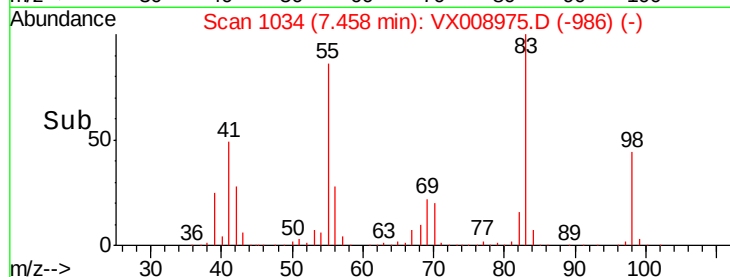
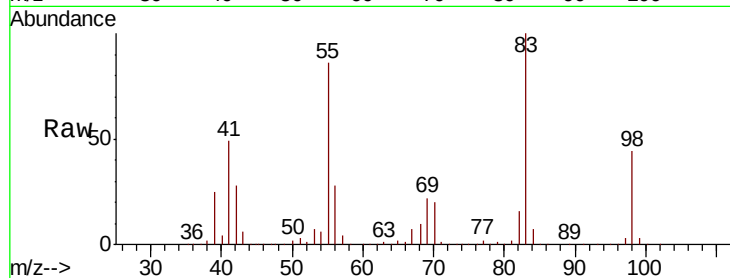
Tot Ion: 83 Resp: 241340

Ion Ratio Lower Upper

83 100

55 85.8 67.1 100.7

98 43.9 35.1 52.7



#40

Benzene

Concen: 51.195 ug/l

RT: 6.13 min Scan# 817

Delta R.T. -0.01 min

Lab File: VX008975.D

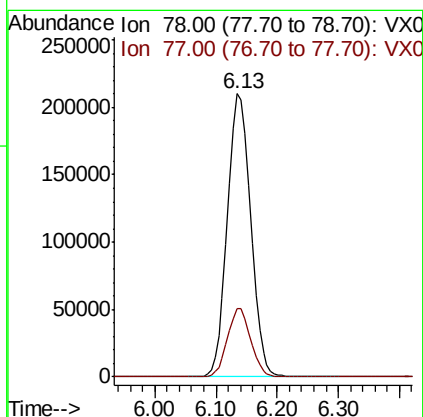
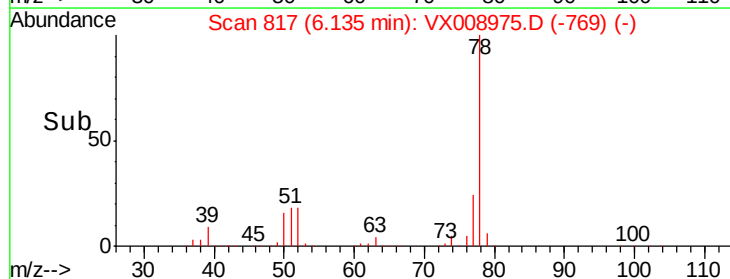
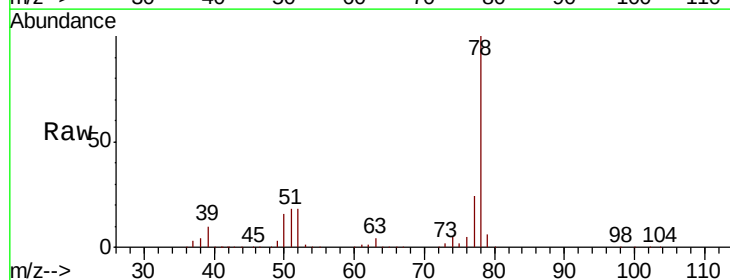
Acq: 16 Apr 2019 09:58

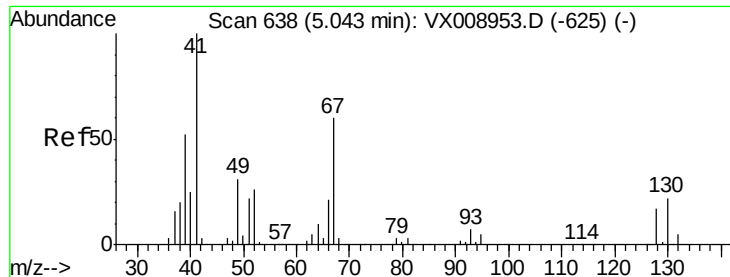
Tgt Ion: 78 Resp: 553858

Ion Ratio Lower Upper

78 100

77 24.0 19.0 28.6

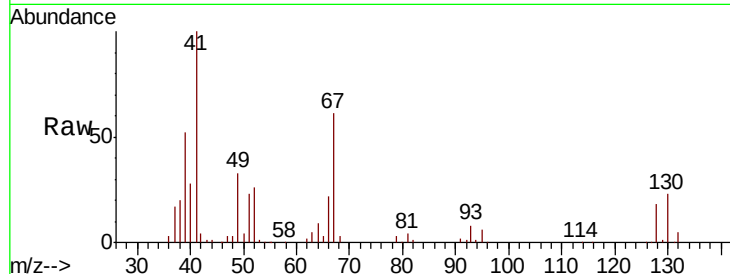




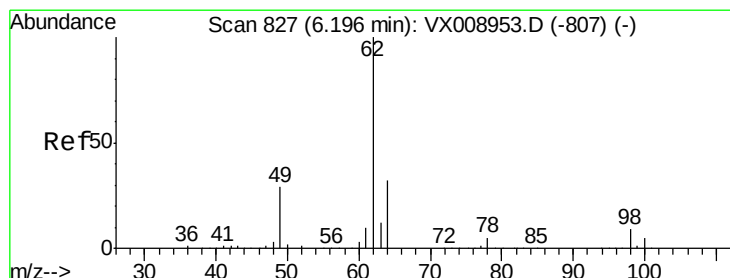
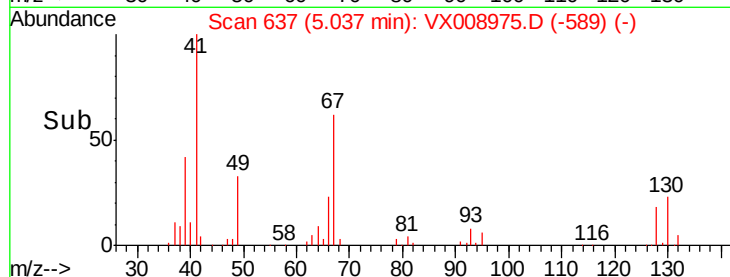
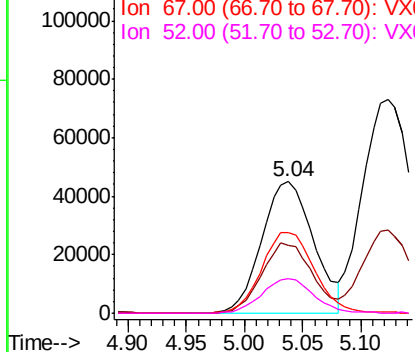
#41
Methacrylonitrile
Concen: 51.161 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX008975.D
Acq: 16 Apr 2019 09:58

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion:	41	Resp:	138562
Ion	Ratio	Lower	Upper
41	100		
39	52.4	41.8	62.6
67	62.8	50.2	75.4
52	25.9	21.1	31.7

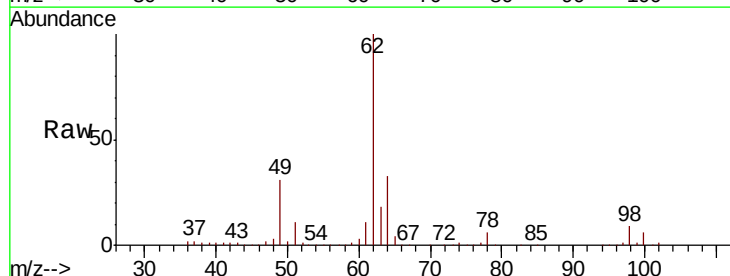


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

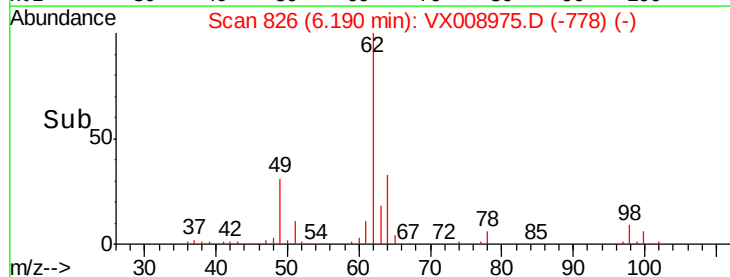
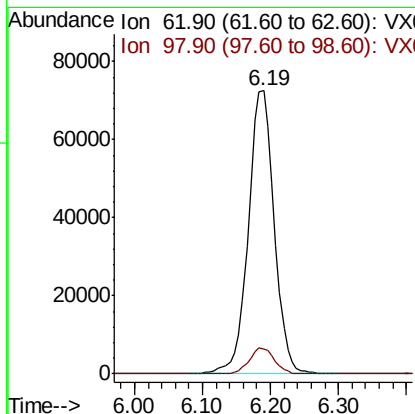


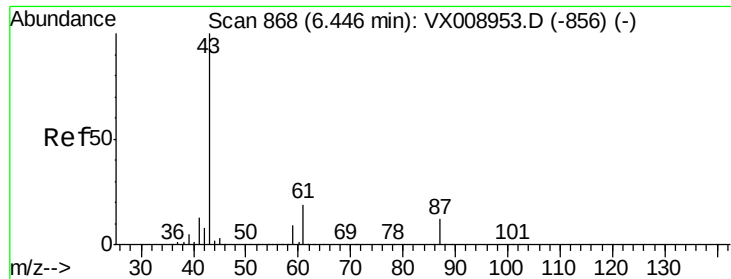
#42
1,2-Dichloroethane
Concen: 50.144 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX008975.D
Acq: 16 Apr 2019 09:58

Tgt Ion:	62	Resp:	192172
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: 51.661 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

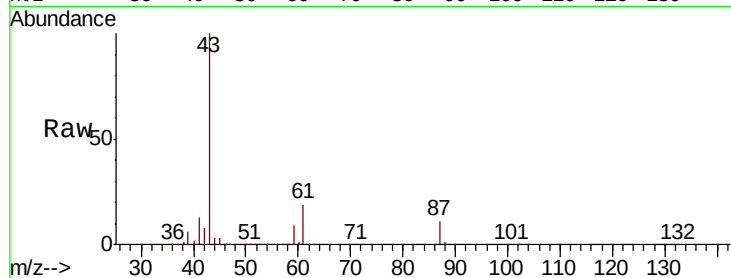
Tot Ion: 43 Resp: 392857

Ion Ratio Lower Upper

43 100

61 18.9 15.4 23.0

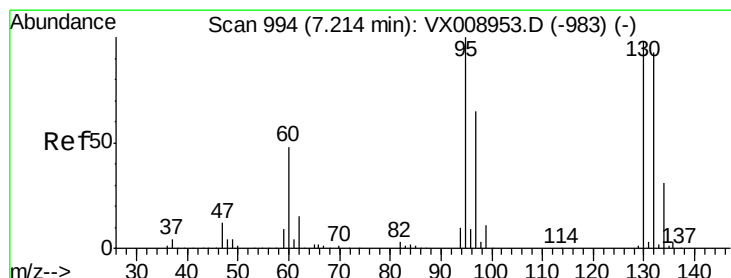
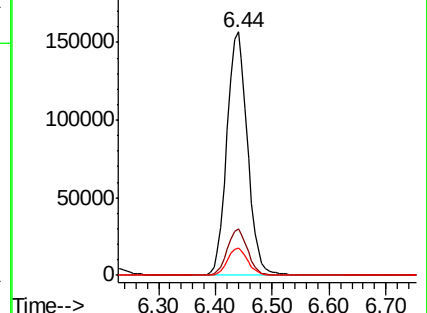
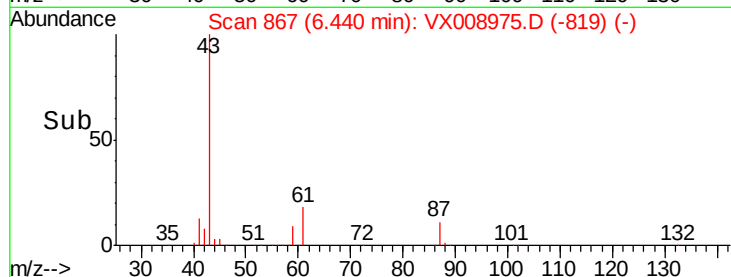
87 11.2 9.0 13.4



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: 50.341 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX008975.D

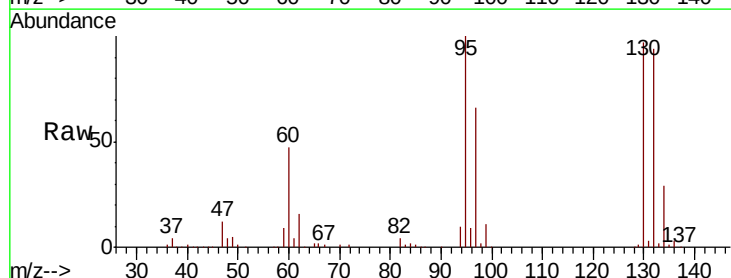
Acq: 16 Apr 2019 09:58

Tgt Ion:130 Resp: 133443

Ion Ratio Lower Upper

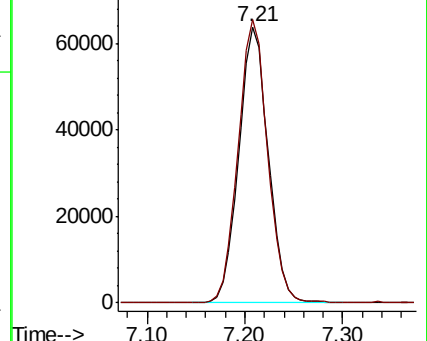
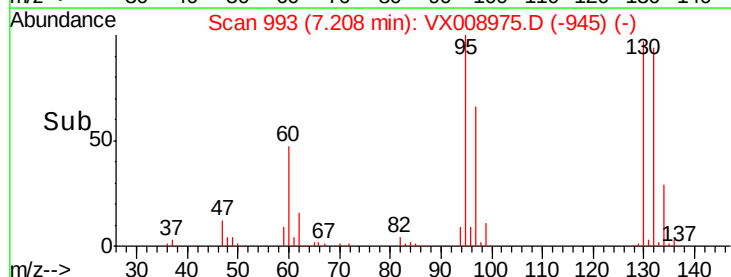
130 100

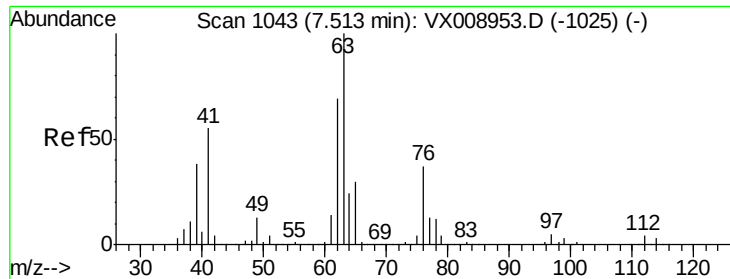
95 102.6 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 51.650 ug/l

RT: 7.51 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

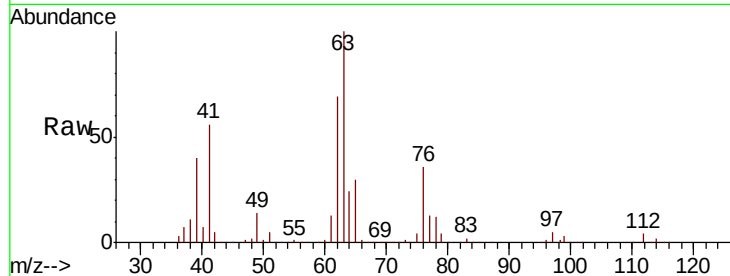
VSTDCCC050

Tot Ion: 63 Resp: 155022

Ion Ratio Lower Upper

63 100

65 30.5 24.1 36.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

80000

60000

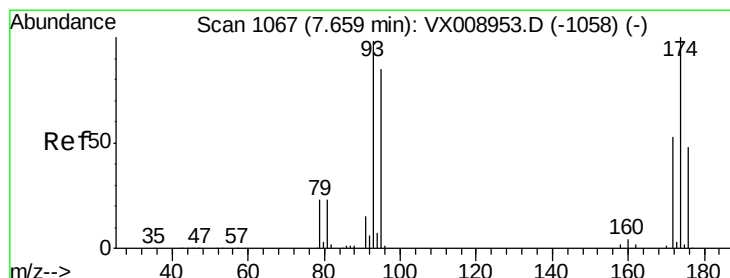
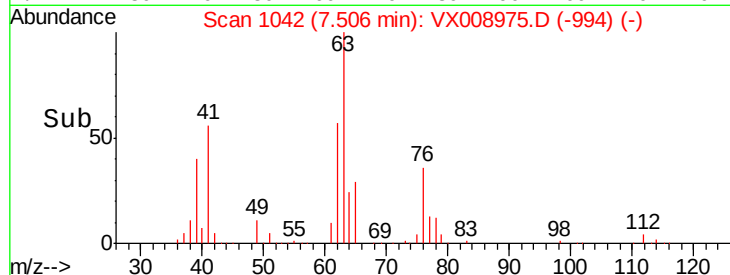
40000

20000

0

Time-->

7.30 7.40 7.50 7.60 7.70



#46

Dibromomethane

Concen: 50.396 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

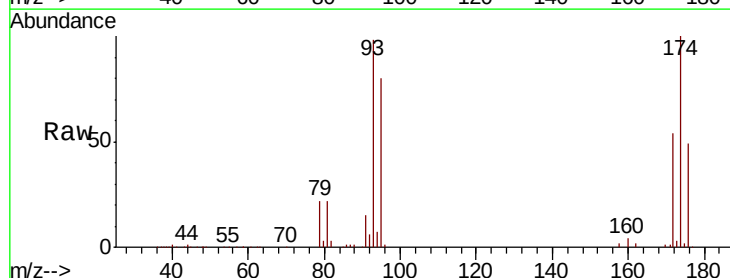
Tgt Ion: 93 Resp: 88028

Ion Ratio Lower Upper

93 100

95 83.6 67.0 100.4

174 102.3 81.6 122.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

60000

50000

40000

30000

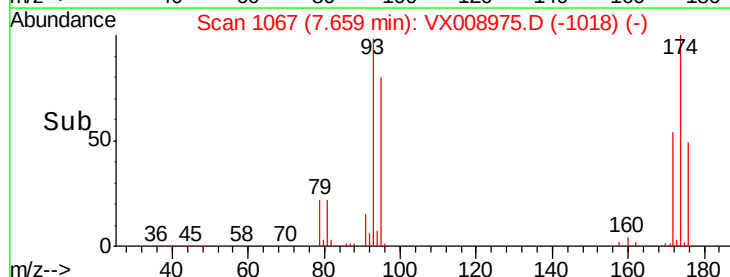
20000

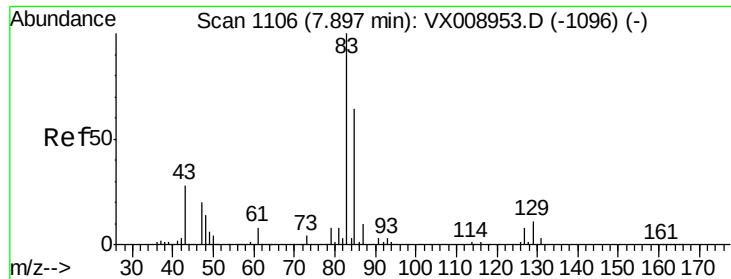
10000

0

Time-->

7.55 7.60 7.65 7.70 7.75





#47

Bromodichloromethane

Concen: 52.461 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

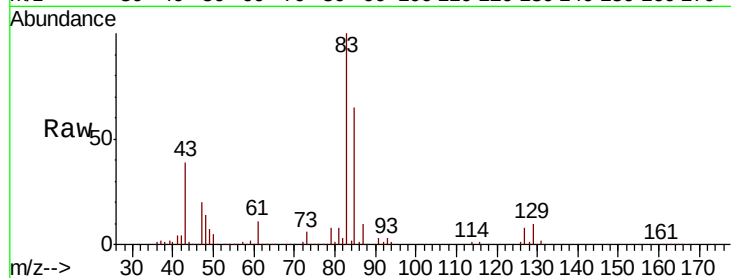
Tot Ion: 83 Resp: 179729

Ion Ratio Lower Upper

83 100

85 64.5 50.8 76.2

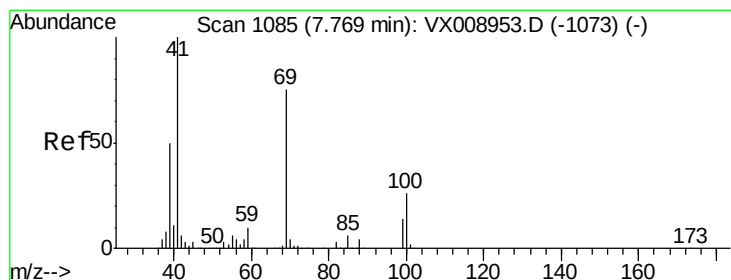
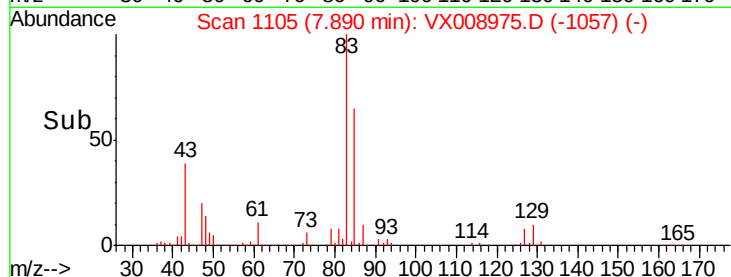
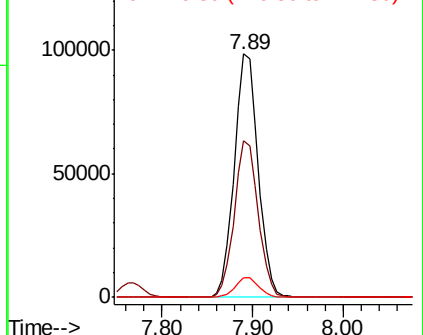
127 8.1 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 52.472 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. -0.01 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

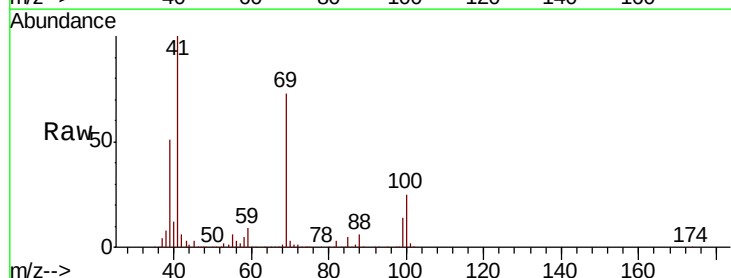
Tgt Ion: 41 Resp: 197162

Ion Ratio Lower Upper

41 100

69 74.2 59.4 89.2

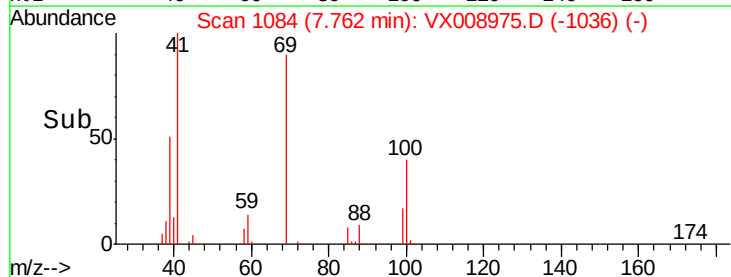
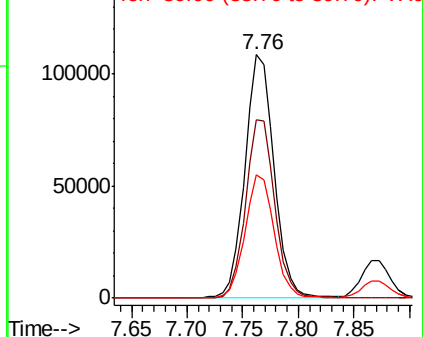
39 50.6 39.8 59.6

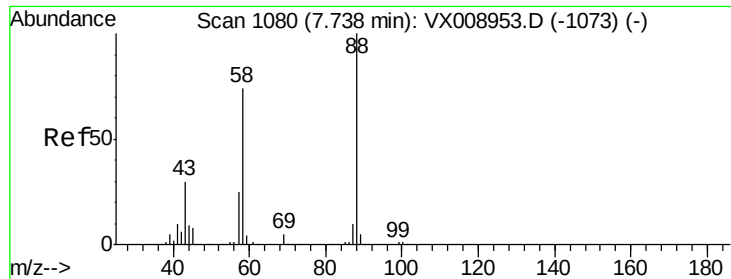


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

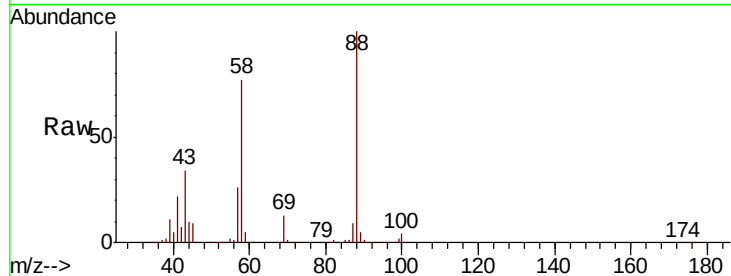




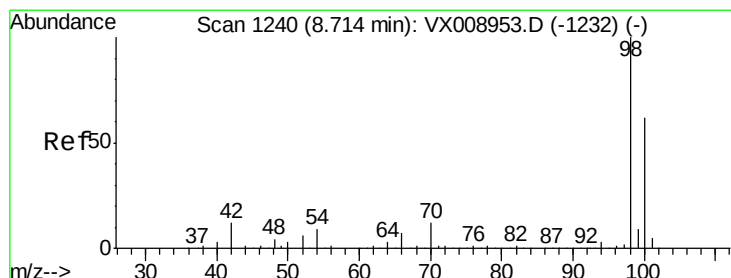
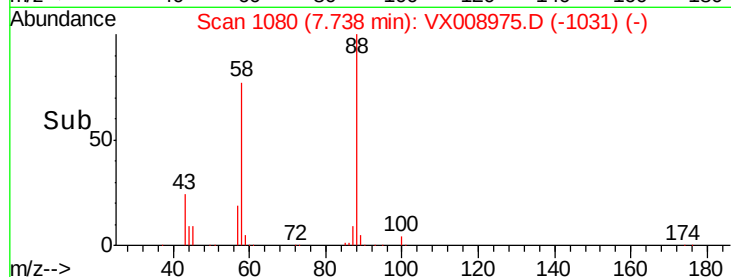
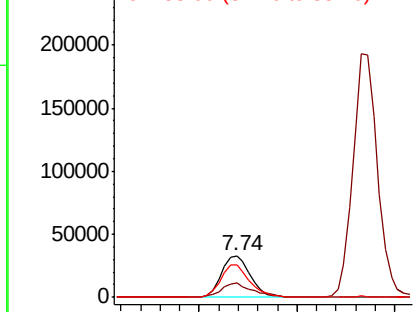
#49
1,4-Dioxane
Concen: 955.629 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX008975.D
Acq: 16 Apr 2019 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 67208
Ion Ratio Lower Upper
88 100
43 37.2 29.3 43.9
58 79.1 62.6 93.8

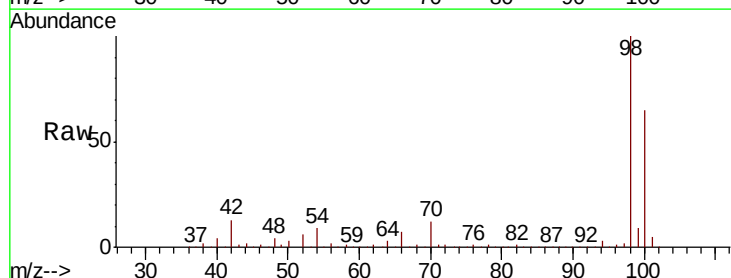


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

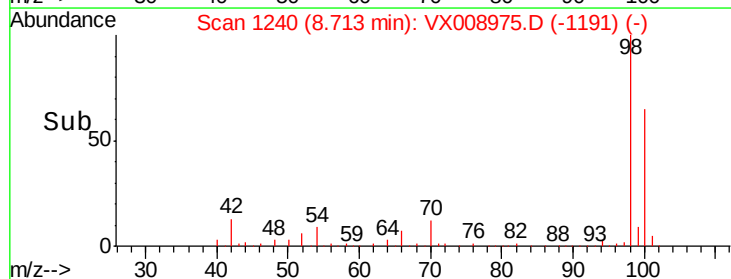
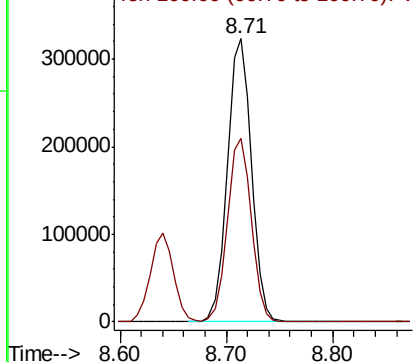


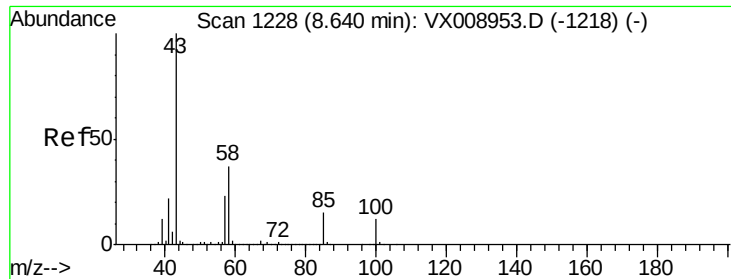
#50
Toluene-d8
Concen: 56.359 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008975.D
Acq: 16 Apr 2019 09:58

Tgt Ion: 98 Resp: 511491
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 259.766 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

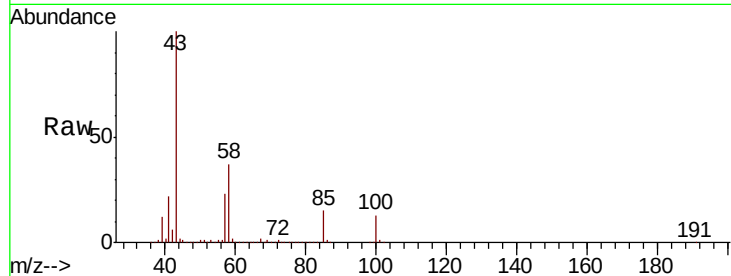
VSTDCCC050

Tot Ion: 43 Resp: 1258482

Ion Ratio Lower Upper

43 100

58 36.8 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

800000

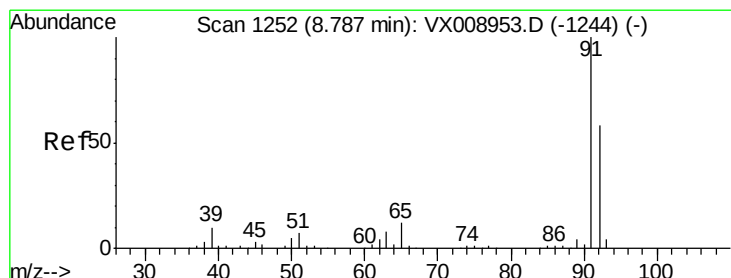
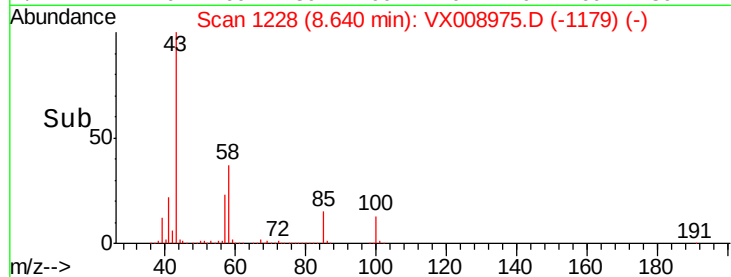
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 52.182 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008975.D

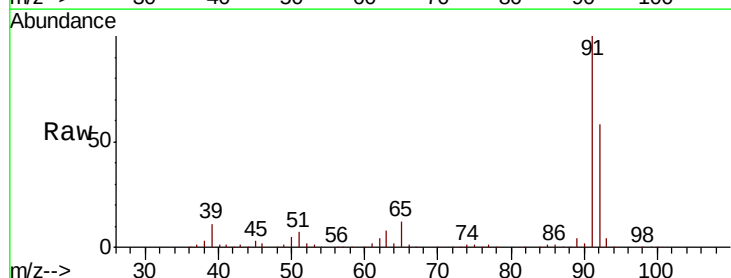
Acq: 16 Apr 2019 09:58

Tgt Ion: 92 Resp: 338340

Ion Ratio Lower Upper

92 100

91 173.2 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

400000

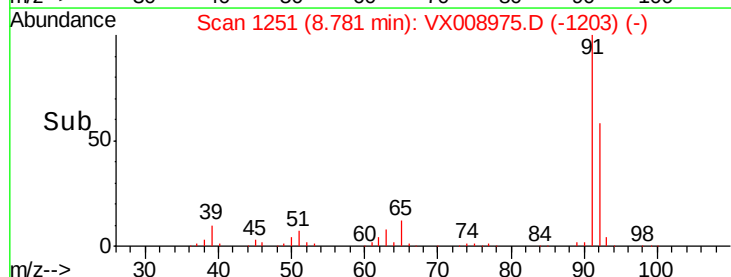
300000

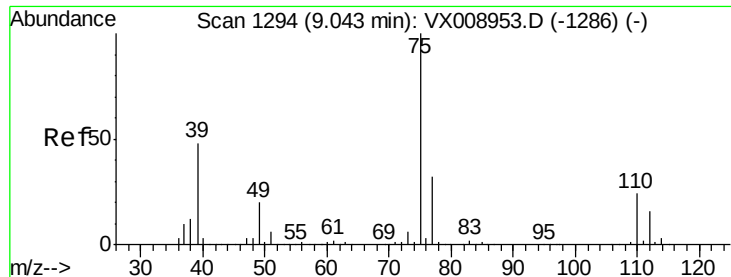
200000

100000

0

Time-->

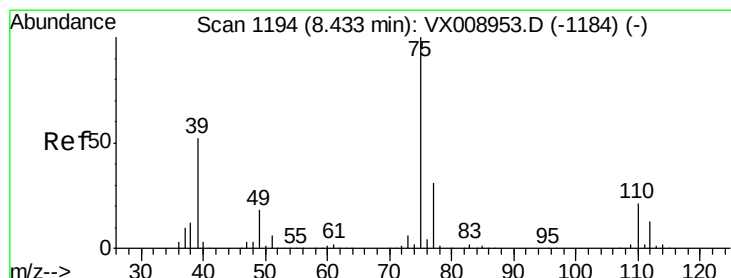
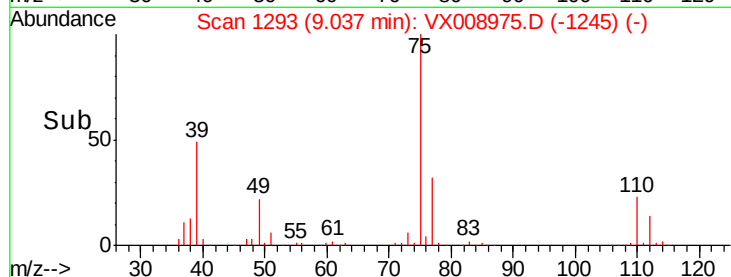
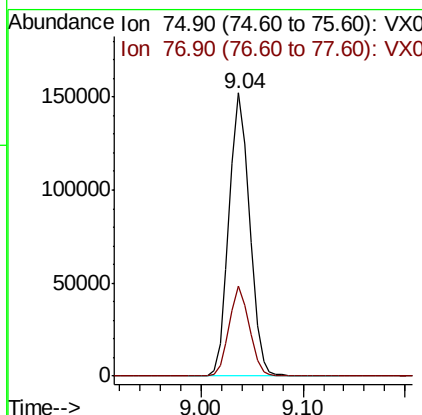
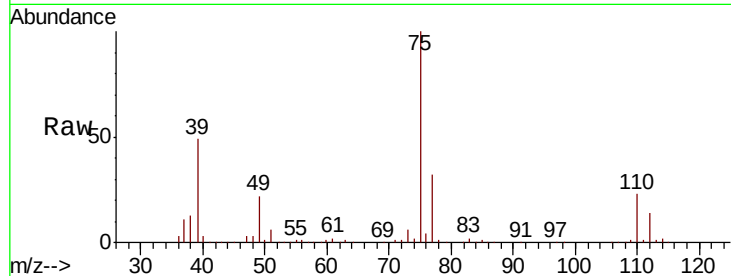




#53
 t-1,3-Dichloropropene
 Concen: 54.150 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: VX008975.D
 Acq: 16 Apr 2019 09:58

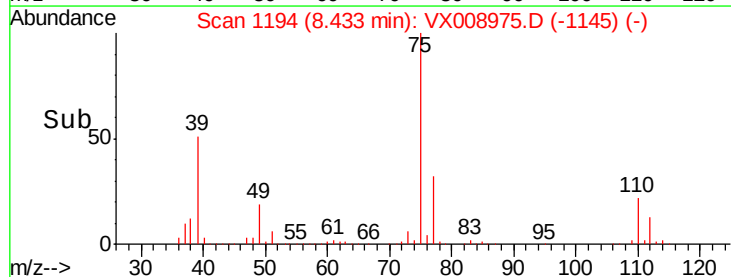
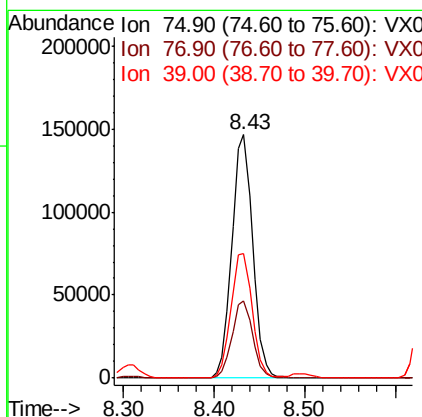
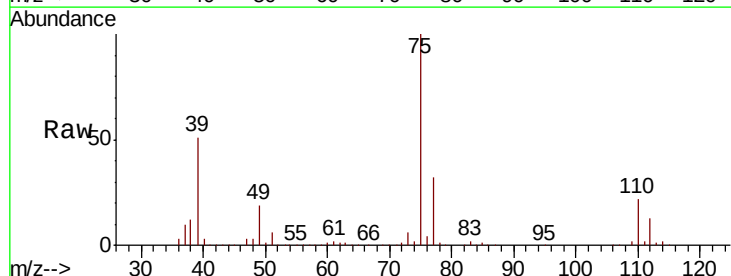
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

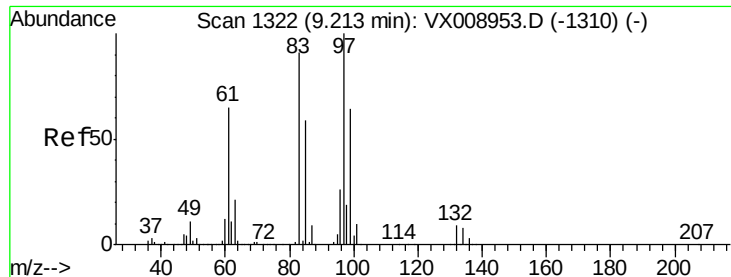
Tot Ion: 75 Resp: 213503
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 53.095 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008975.D
 Acq: 16 Apr 2019 09:58

Tgt Ion: 75 Resp: 234406
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.8 37.2
 39 51.1 41.8 62.6

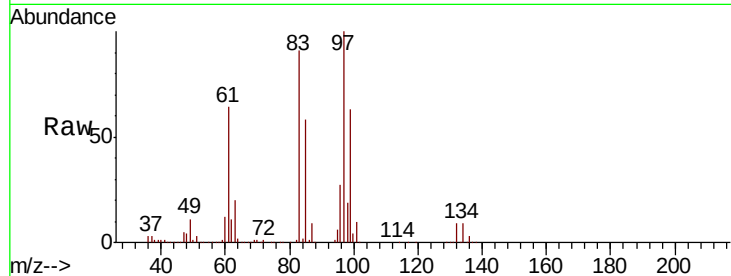




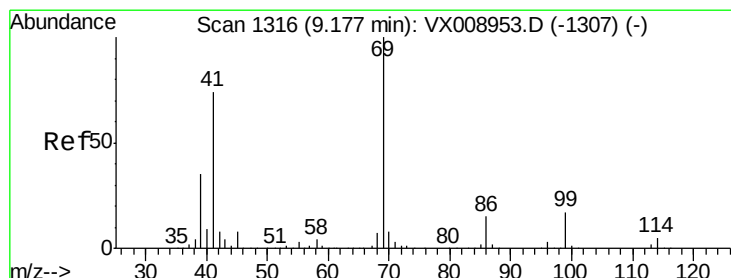
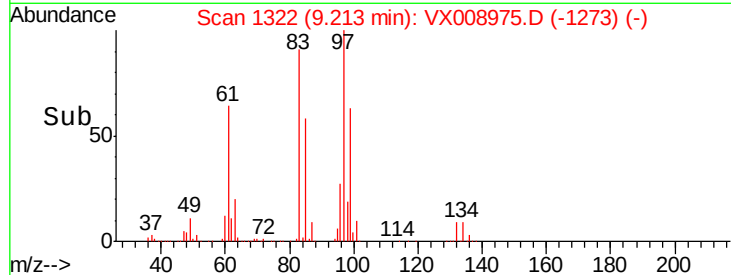
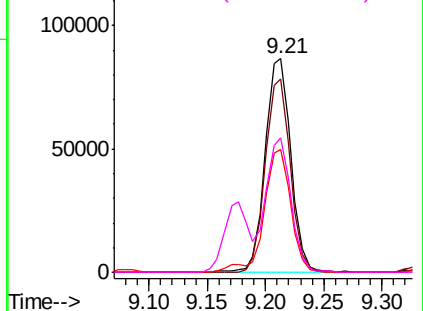
#55
 1,1,2-Trichloroethane
 Concen: 51.892 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008975.D
 Acq: 16 Apr 2019 09:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	133348
Ion	Ratio	Lower	Upper
97	100		
83	90.8	72.6	108.8
85	57.5	46.9	70.3
99	63.2	51.0	76.6

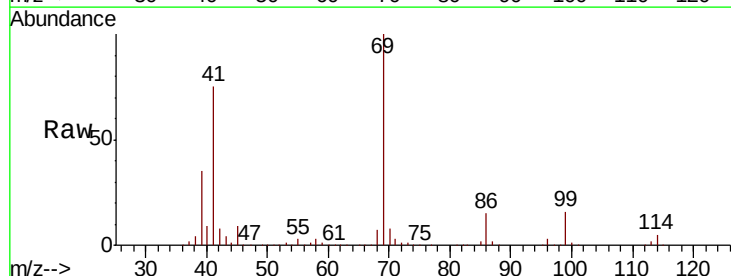


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

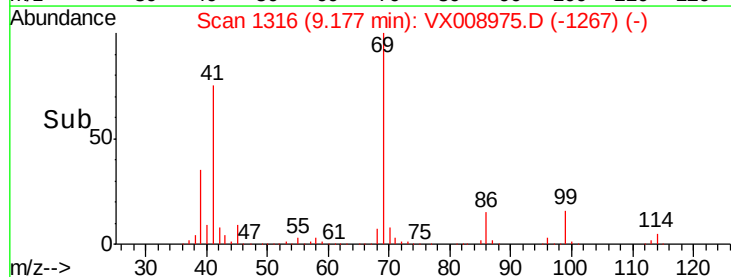
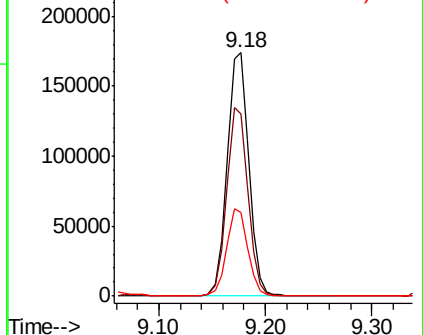


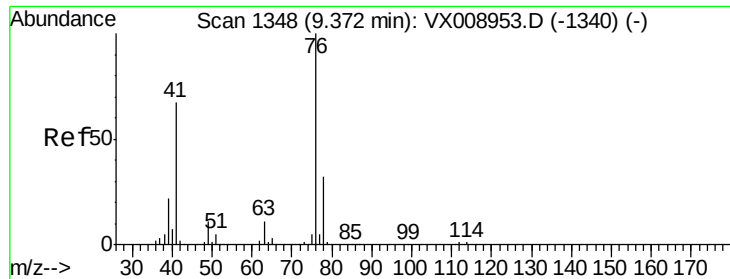
#56
 Ethyl methacrylate
 Concen: 53.910 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008975.D
 Acq: 16 Apr 2019 09:58

Tgt Ion:	69	Resp:	248405
Ion	Ratio	Lower	Upper
69	100		
41	75.9	60.2	90.2
39	35.1	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: 51.721 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

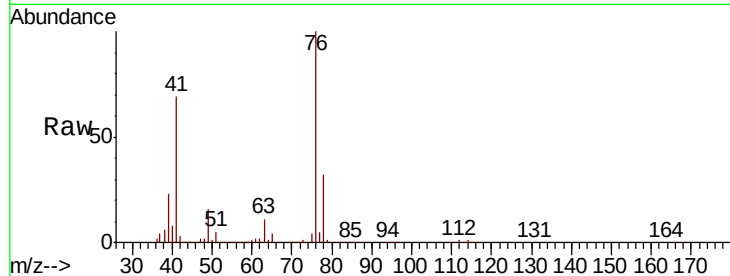
VSTDCCC050

Tot Ion: 76 Resp: 236642

Ion Ratio Lower Upper

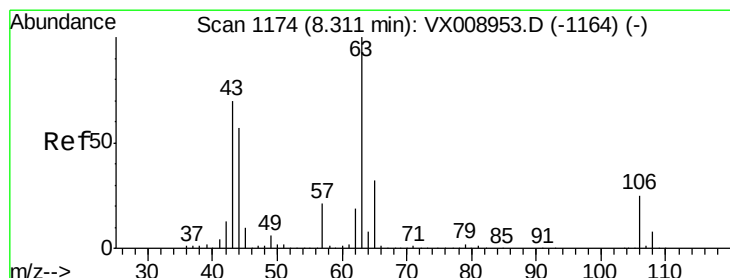
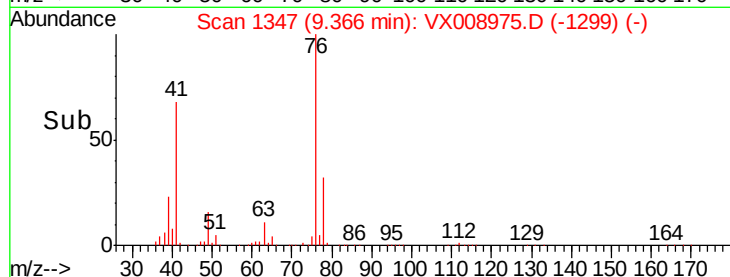
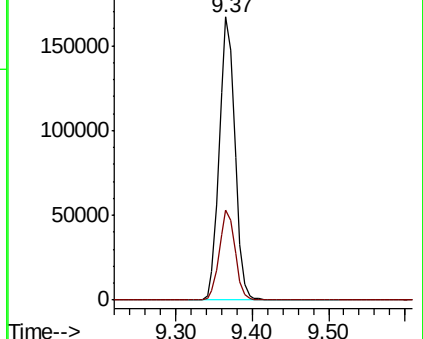
76 100

78 32.1 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 266.054 ug/l

RT: 8.31 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX008975.D

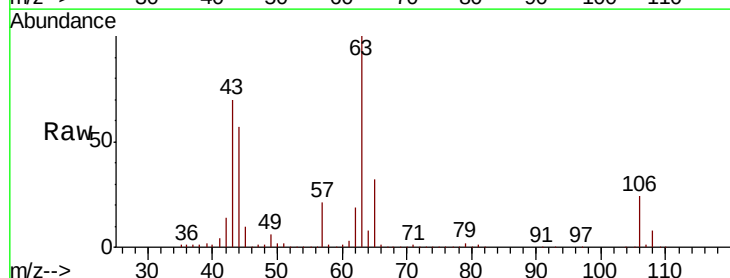
Acq: 16 Apr 2019 09:58

Tgt Ion: 63 Resp: 660156

Ion Ratio Lower Upper

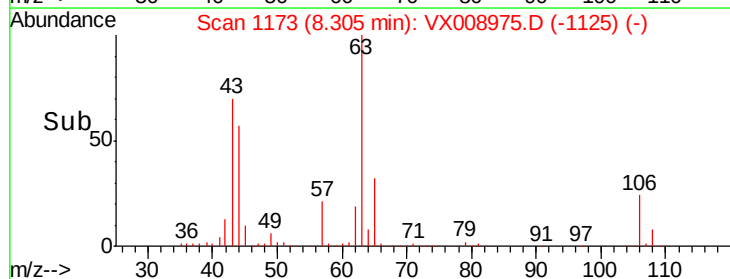
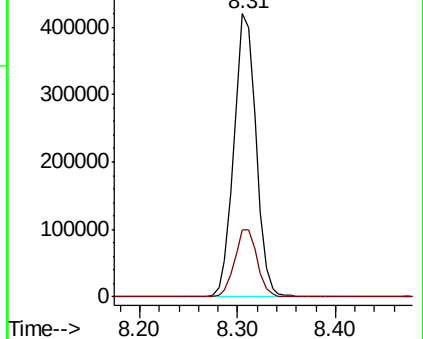
63 100

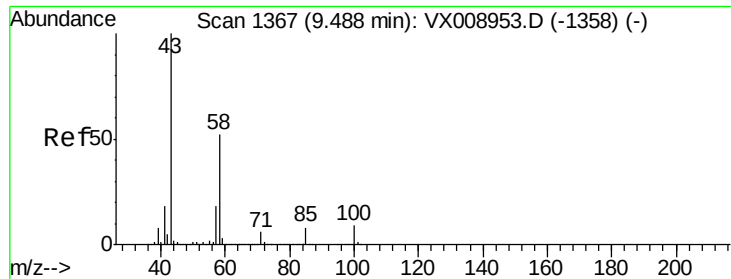
106 24.3 19.8 29.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

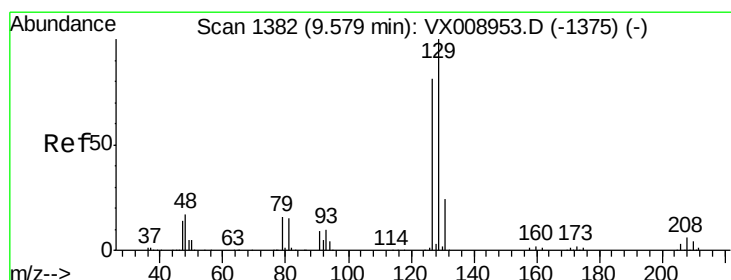
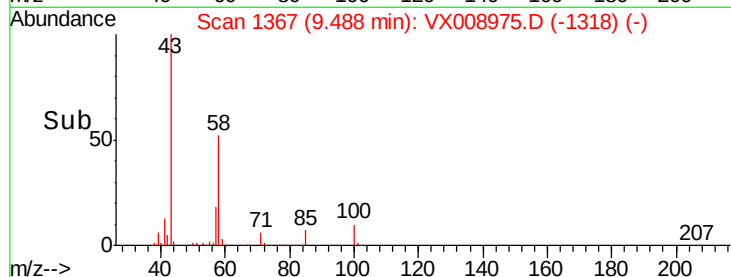
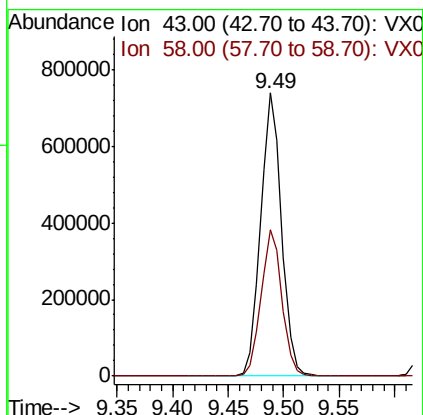
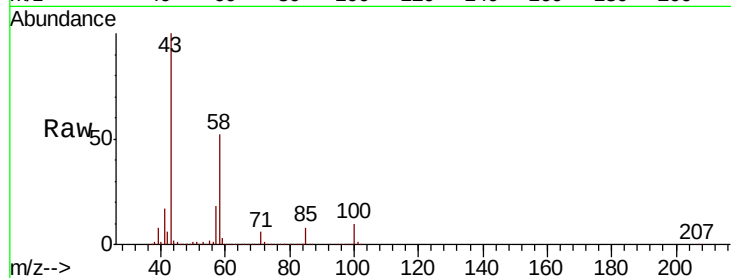




#59
2-Hexanone
Concen: 260.087 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX008975.D
Acq: 16 Apr 2019 09:58

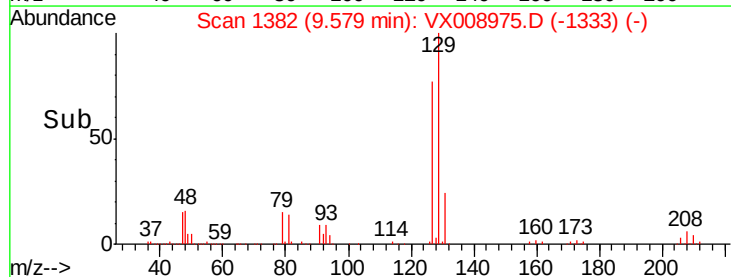
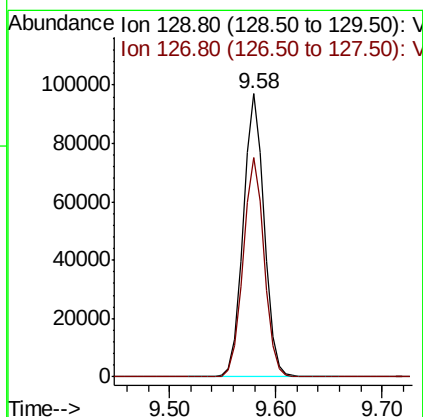
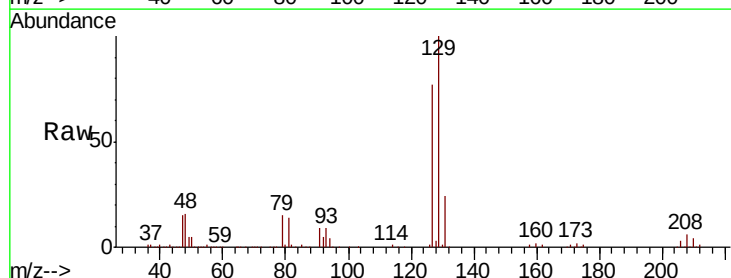
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

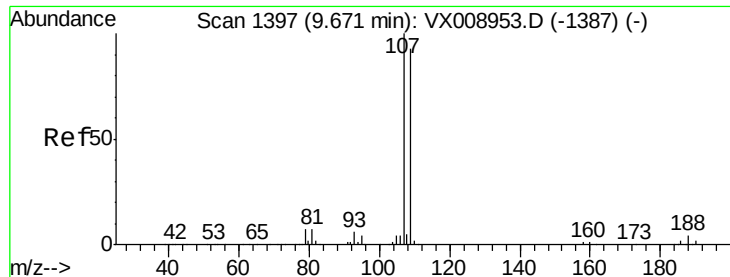
Tot Ion: 43 Resp: 971465
Ion Ratio Lower Upper
43 100
58 52.0 25.9 77.8



#60
Dibromochloromethane
Concen: 54.337 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008975.D
Acq: 16 Apr 2019 09:58

Tgt Ion:129 Resp: 133825
Ion Ratio Lower Upper
129 100
127 77.4 39.1 117.2





#61

1,2-Dibromoethane

Concen: 51.913 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

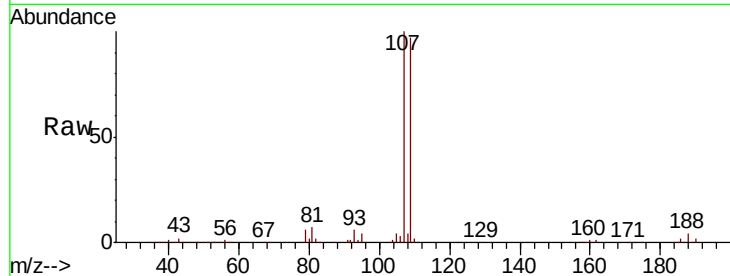
VSTDCCC050

Tot Ion:107 Resp: 137683

Ion Ratio Lower Upper

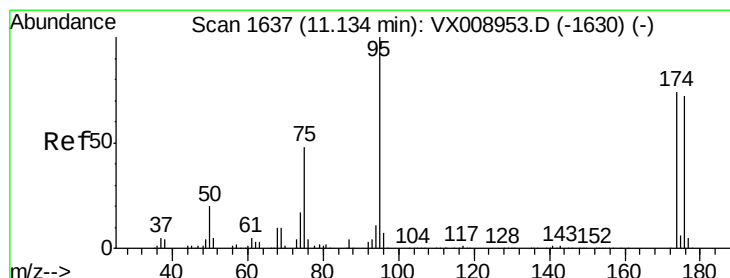
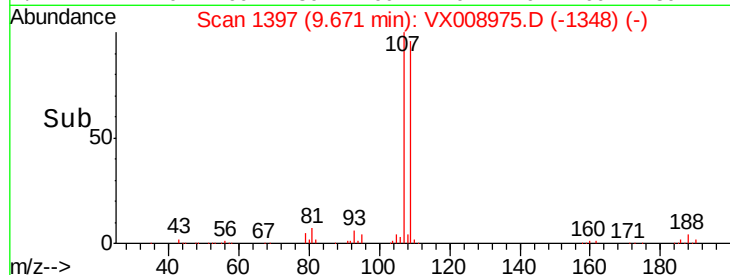
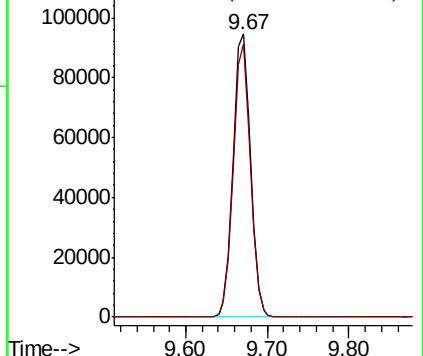
107 100

109 94.5 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: 58.093 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

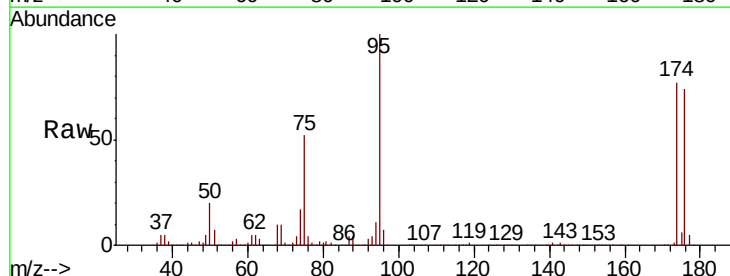
Tgt Ion: 95 Resp: 186112

Ion Ratio Lower Upper

95 100

174 79.9 0.0 159.6

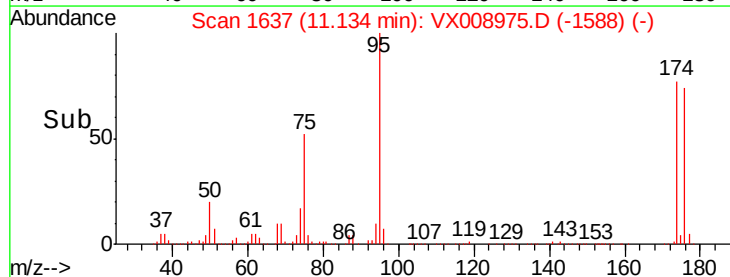
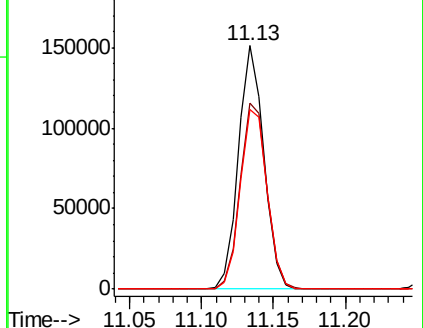
176 77.6 0.0 154.8

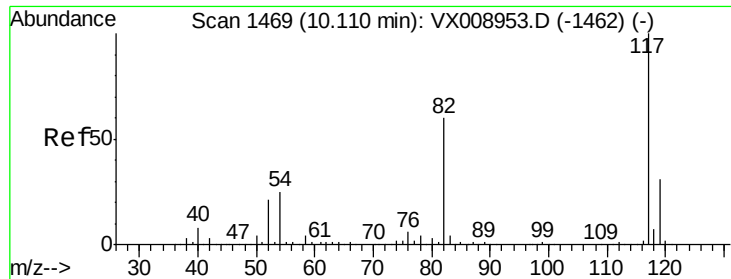


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

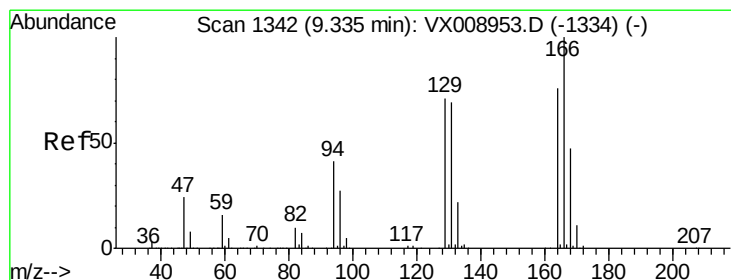
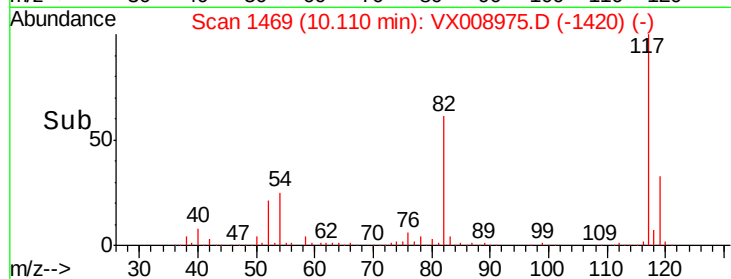
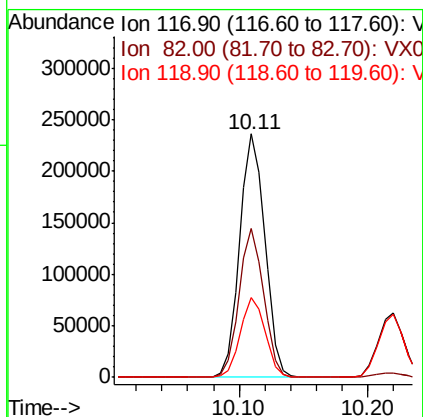
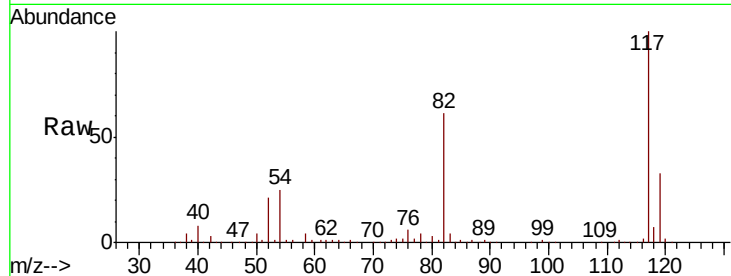




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008975.D
Acq: 16 Apr 2019 09:58

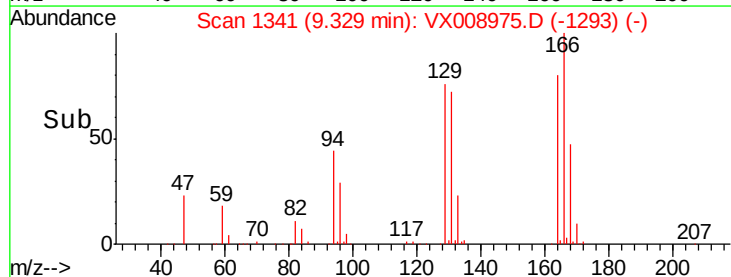
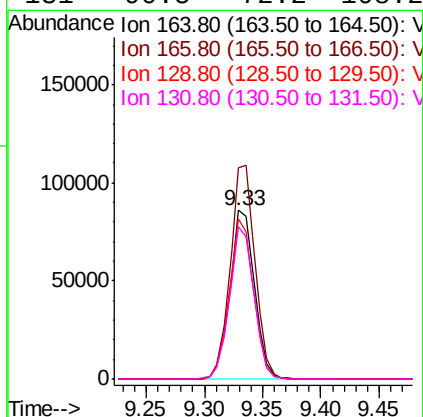
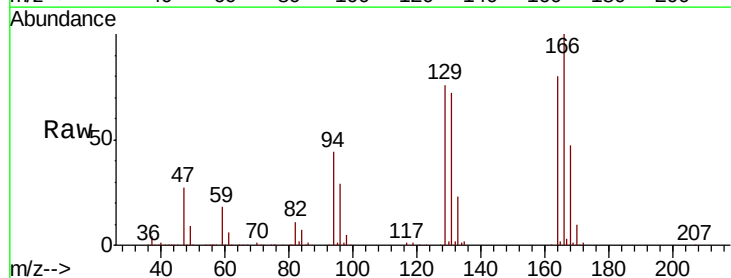
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

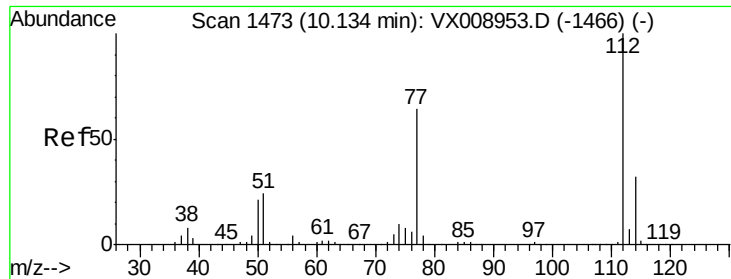
Tot Ion:117 Resp: 319720
Ion Ratio Lower Upper
117 100
82 60.9 48.2 72.4
119 32.9 25.0 37.6



#64
Tetrachloroethene
Concen: 51.946 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.01 min
Lab File: VX008975.D
Acq: 16 Apr 2019 09:58

Tgt Ion:164 Resp: 126170
Ion Ratio Lower Upper
164 100
166 125.2 105.0 157.4
129 94.8 74.2 111.4
131 90.5 72.2 108.2

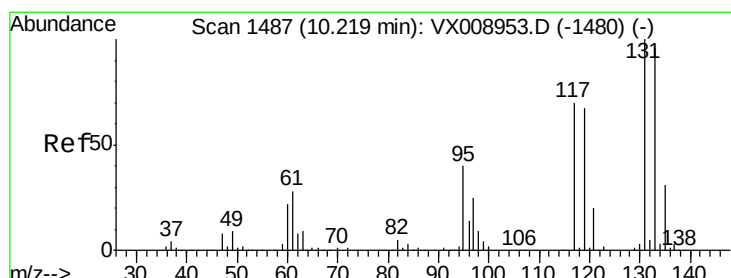
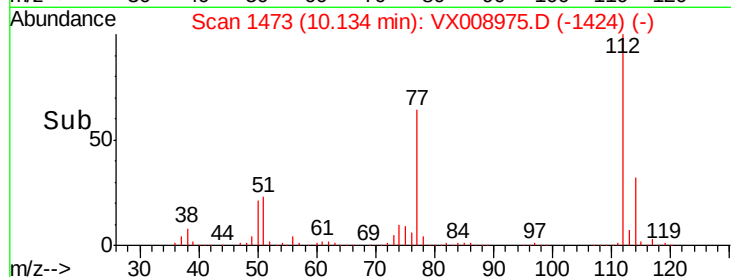
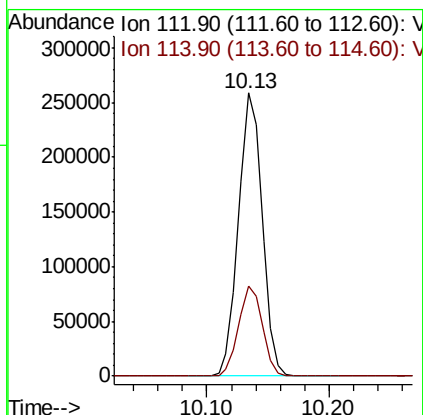
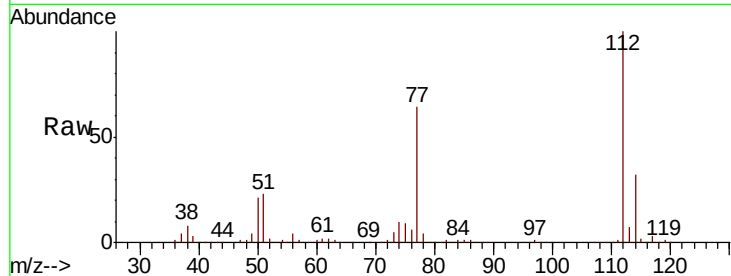




#65
Chlorobenzene
Concen: 51.362 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX008975.D
Acq: 16 Apr 2019 09:58

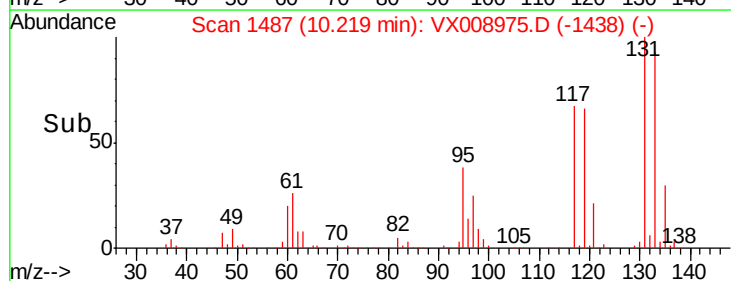
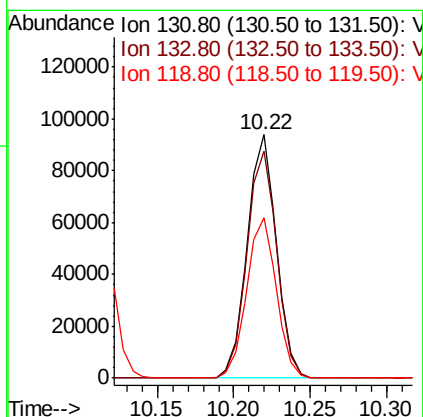
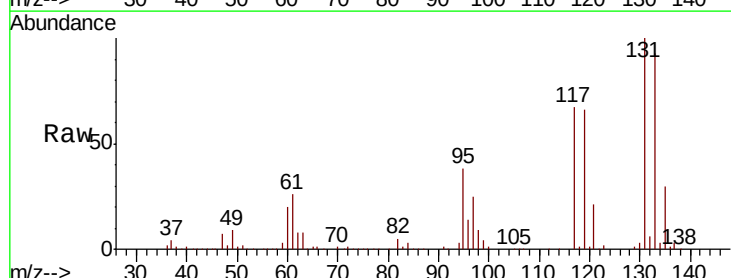
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

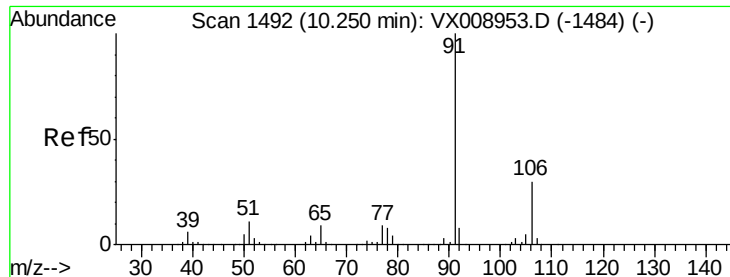
Tot Ion:112 Resp: 346612
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 52.365 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008975.D
Acq: 16 Apr 2019 09:58

Tgt Ion:131 Resp: 124491
Ion Ratio Lower Upper
131 100
133 95.4 48.0 144.2
119 67.1 33.7 101.1

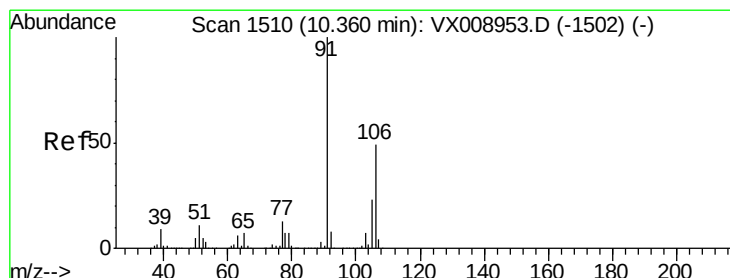
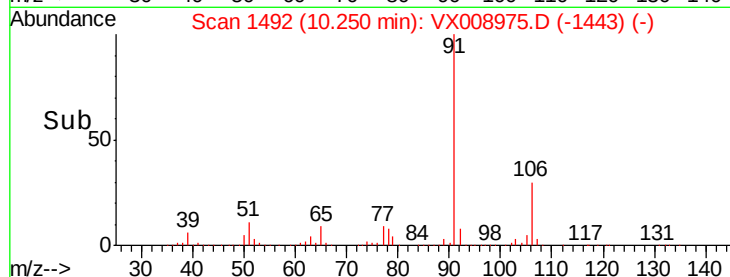
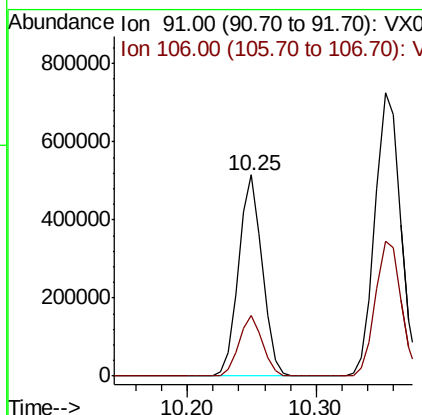
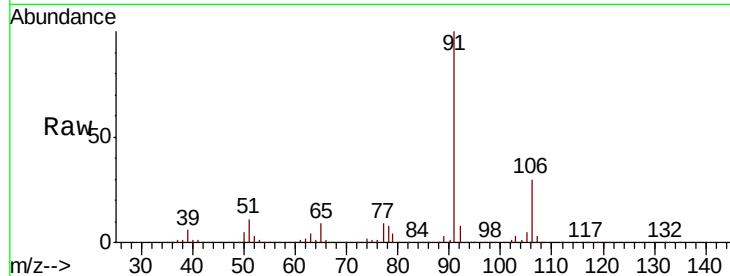




#67
Ethyl Benzene
Concen: 53.037 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008975.D
Acq: 16 Apr 2019 09:58

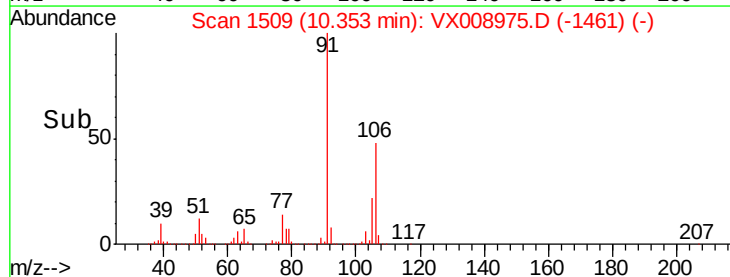
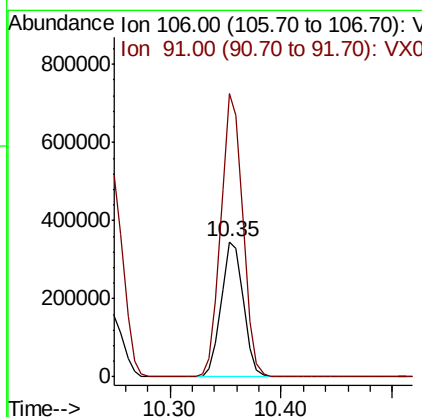
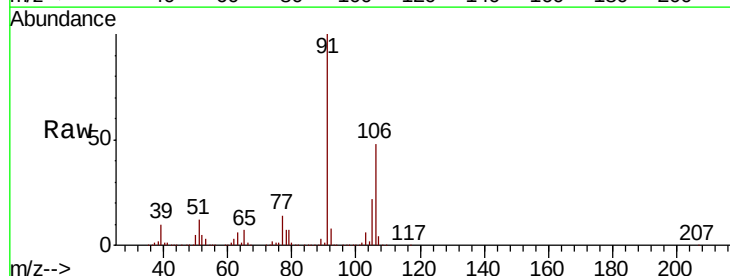
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

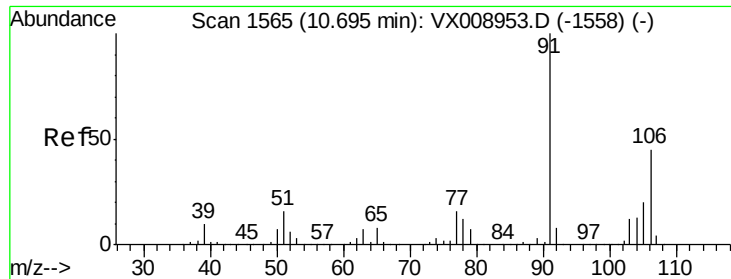
Tot Ion: 91 Resp: 654289
Ion Ratio Lower Upper
91 100
106 30.0 24.3 36.5



#68
m/p-Xylenes
Concen: 105.846 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX008975.D
Acq: 16 Apr 2019 09:58

Tgt Ion: 106 Resp: 474545
Ion Ratio Lower Upper
106 100
91 208.1 165.4 248.2

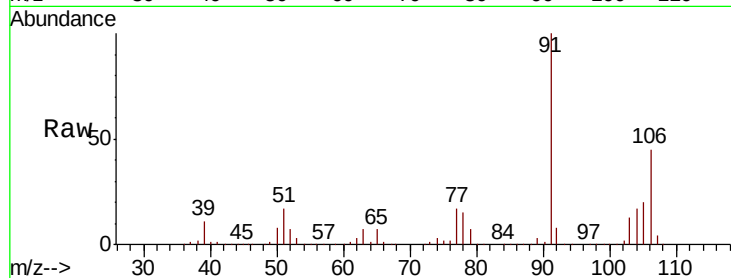




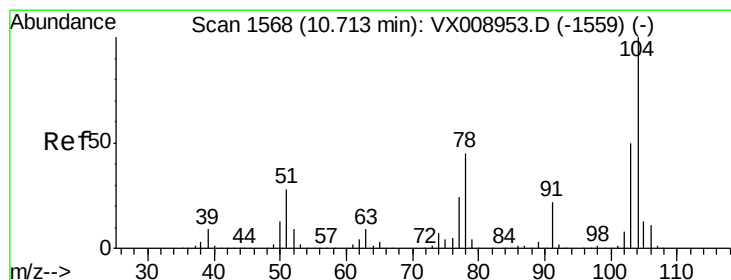
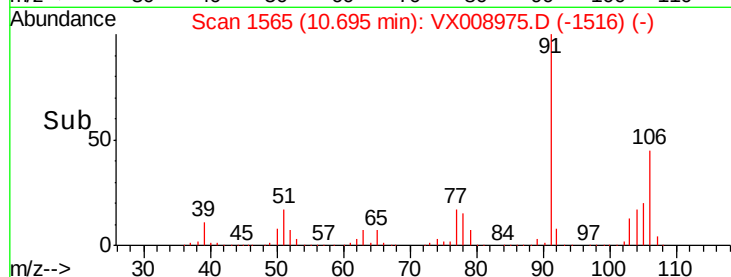
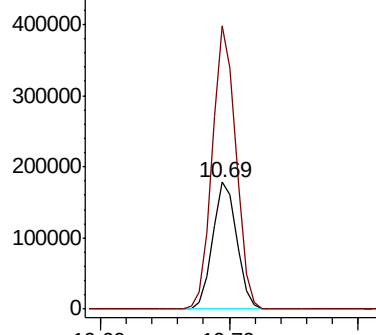
#69
o-Xylene
Concen: 52.670 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX008975.D
Acq: 16 Apr 2019 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 229767
Ion Ratio Lower Upper
106 100
91 218.9 108.9 326.7

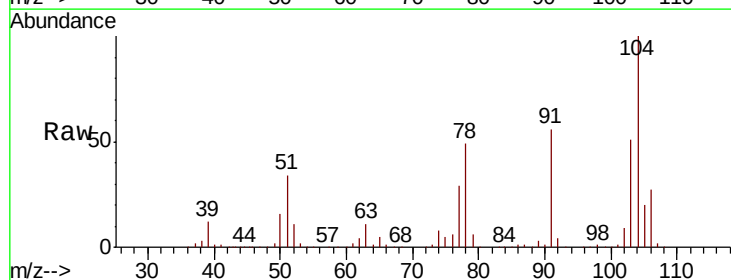


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

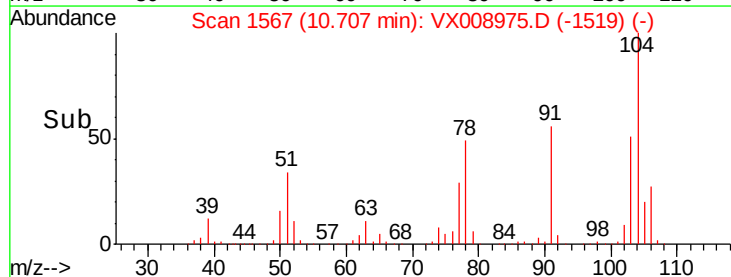
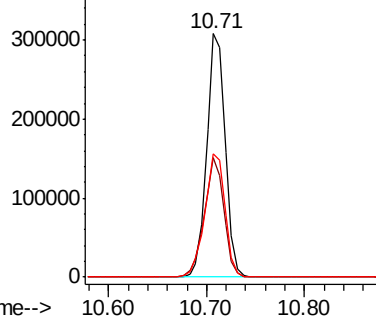


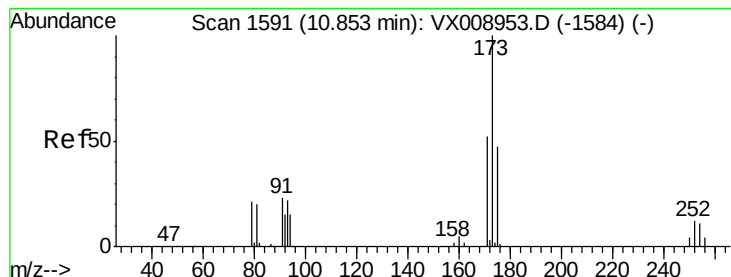
#70
Styrene
Concen: 53.325 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX008975.D
Acq: 16 Apr 2019 09:58

Tgt Ion:104 Resp: 403119
Ion Ratio Lower Upper
104 100
78 52.3 41.2 61.8
103 55.3 43.9 65.9



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





#71

Bromoform

Concen: 52.736 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

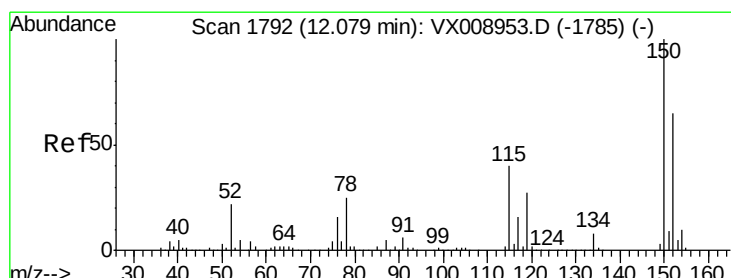
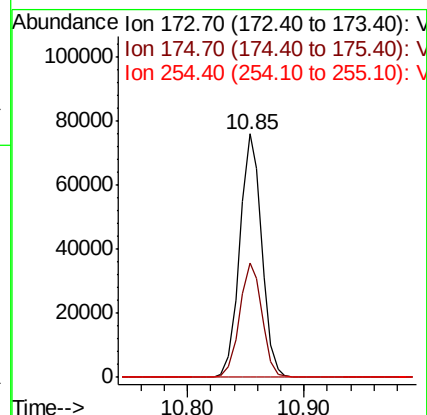
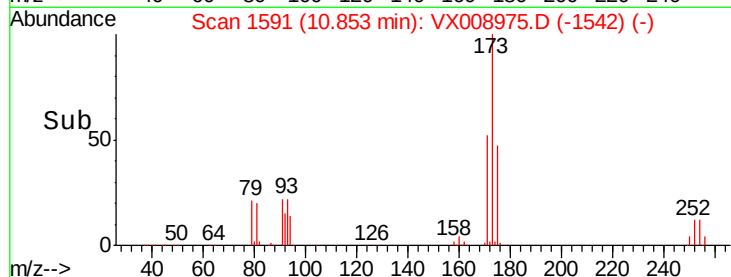
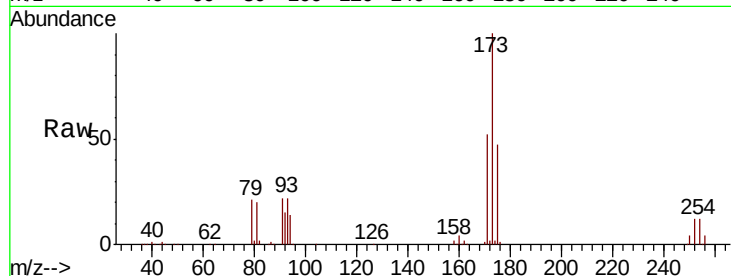
Tot Ion:173 Resp: 99883

Ion Ratio Lower Upper

173 100

175 48.1 23.9 71.8

254 0.2 0.2 0.4#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

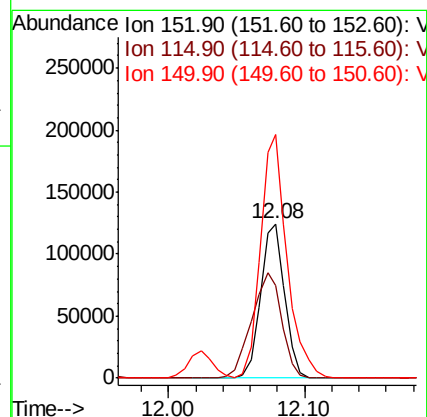
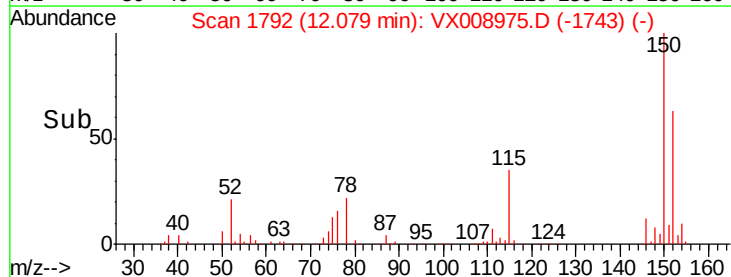
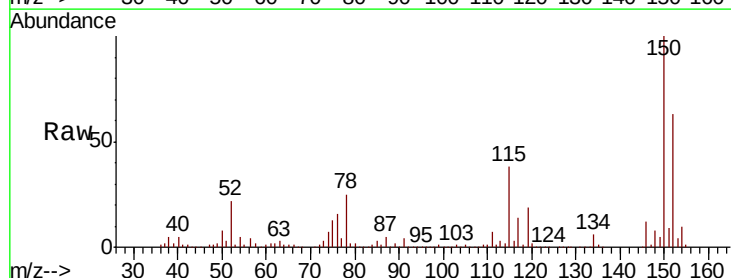
Tgt Ion:152 Resp: 154118

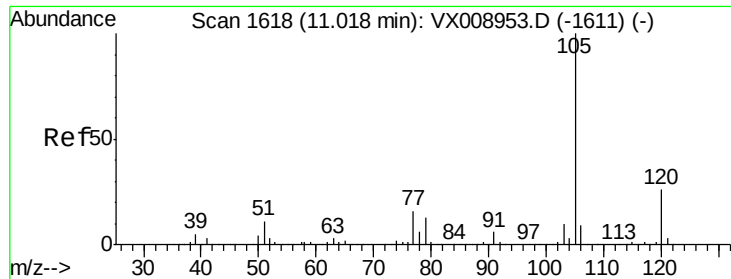
Ion Ratio Lower Upper

152 100

115 85.4 41.4 124.2

150 174.0 0.0 349.8

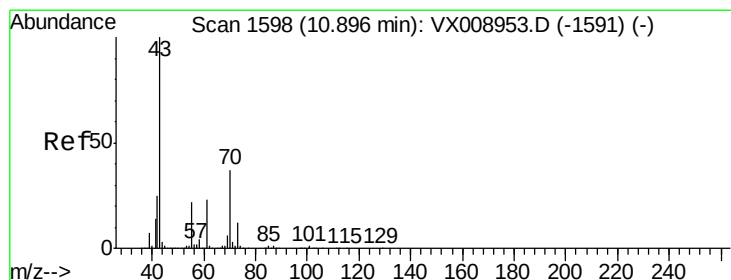
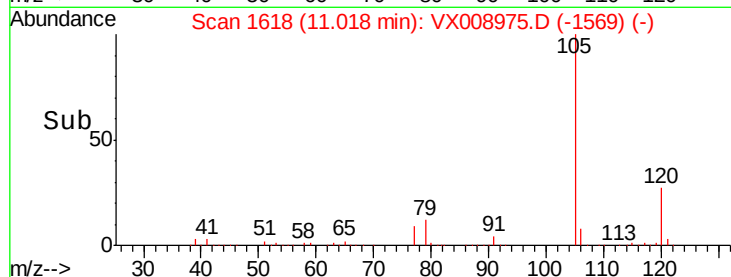
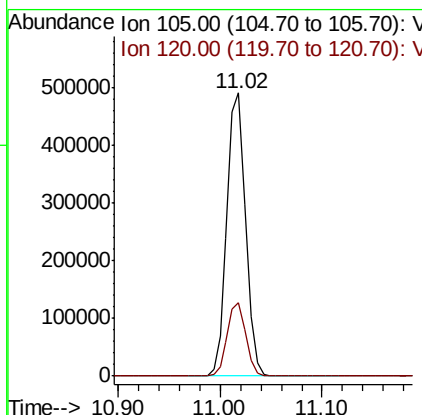
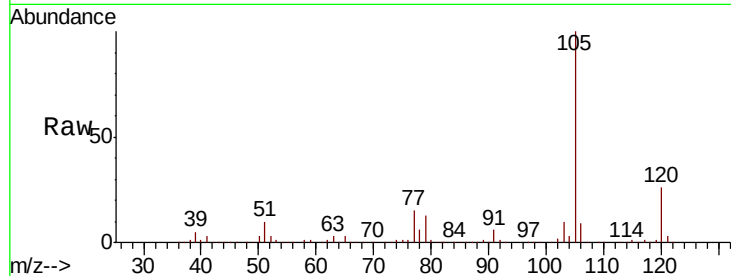




#73
Isopropylbenzene
Concen: 53.247 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008975.D
Acq: 16 Apr 2019 09:58

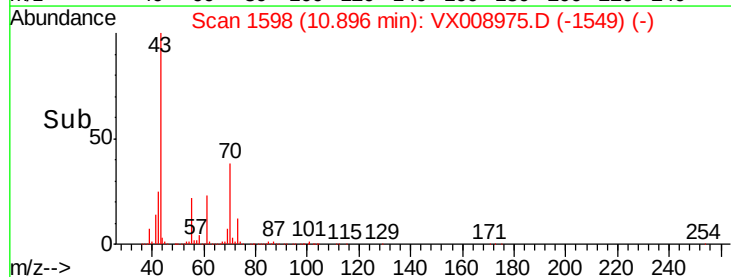
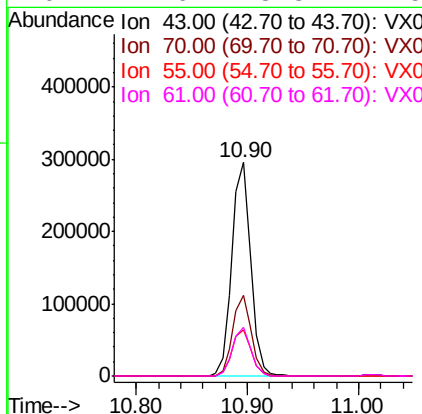
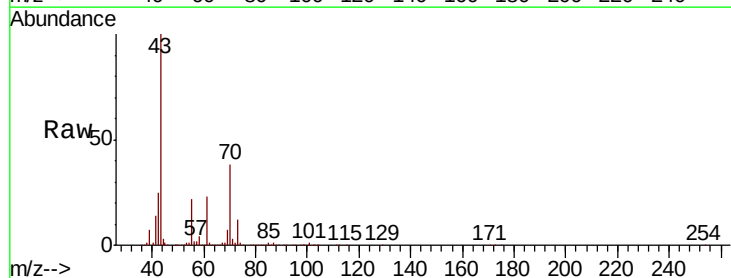
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

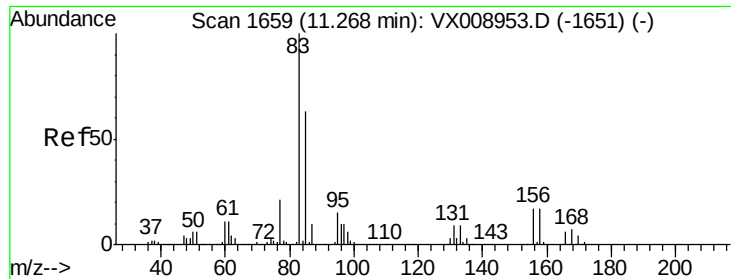
Tot Ion:105 Resp: 622036
Ion Ratio Lower Upper
105 100
120 25.8 12.9 38.7



#74
N-ethyl acetate
Concen: 51.584 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX008975.D
Acq: 16 Apr 2019 09:58

Tgt Ion: 43 Resp: 346000
Ion Ratio Lower Upper
43 100
70 37.1 29.9 44.9
55 22.1 17.8 26.8
61 22.6 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 48.848 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

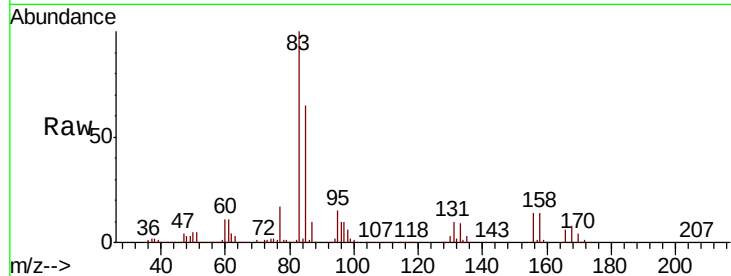
Tot Ion: 83 Resp: 208499

Ion Ratio Lower Upper

83 100

131 9.4 4.7 14.0

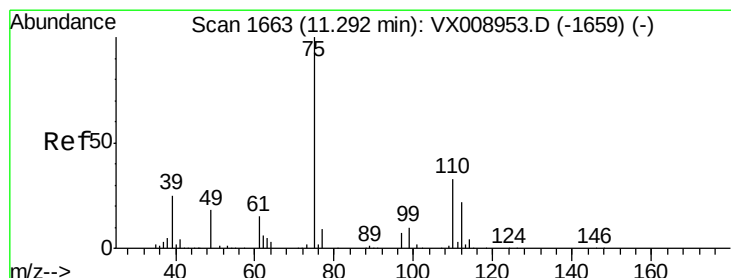
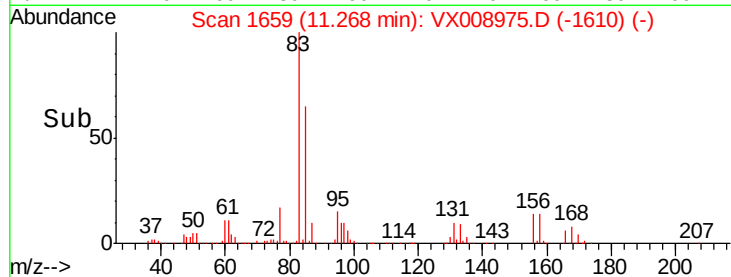
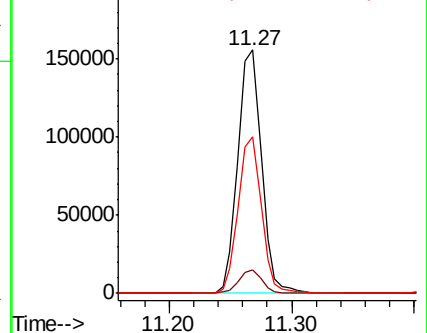
85 63.5 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 68.264 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX008975.D

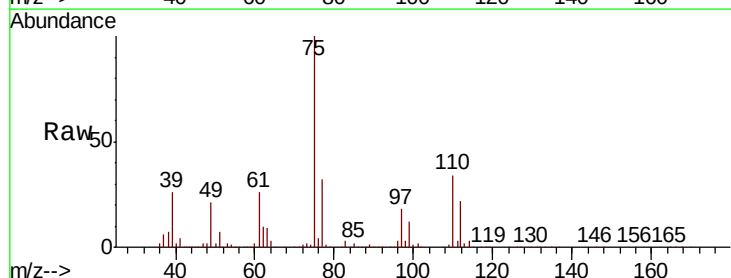
Acq: 16 Apr 2019 09:58

Tgt Ion: 75 Resp: 256895

Ion Ratio Lower Upper

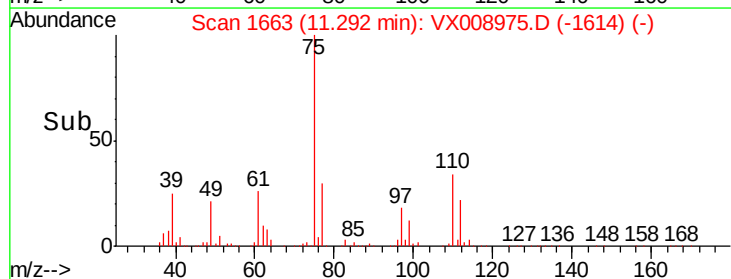
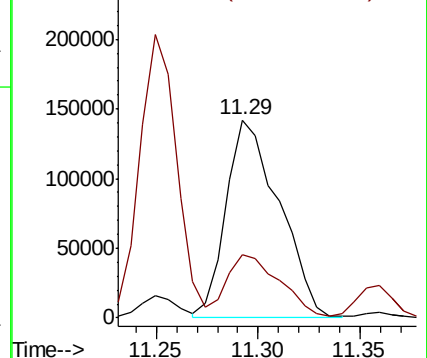
75 100

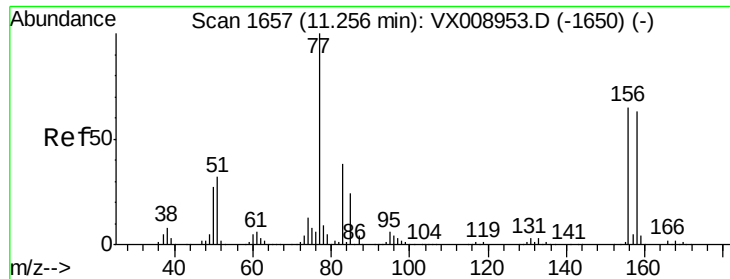
77 31.8 22.7 68.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.098 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

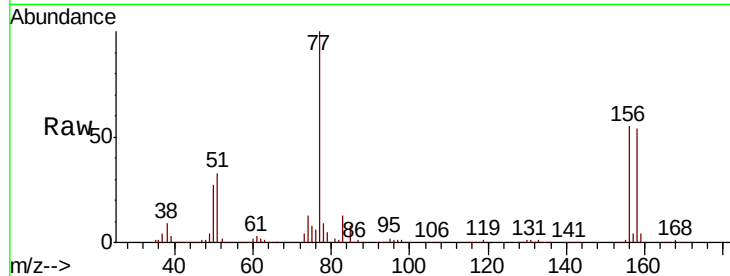
Tot Ion:156 Resp: 147660

Ion Ratio Lower Upper

156 100

77 173.9 85.4 256.1

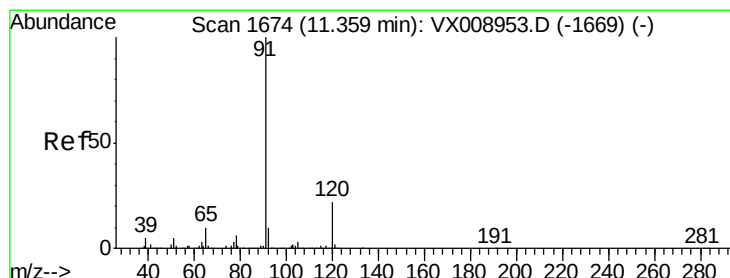
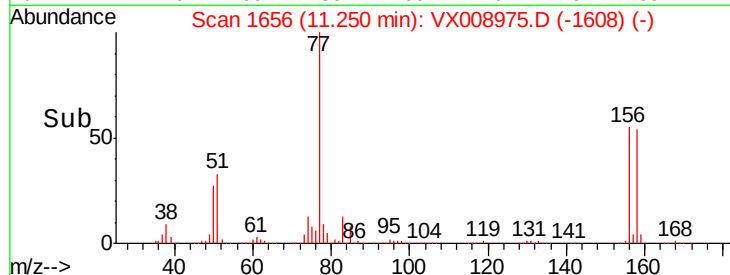
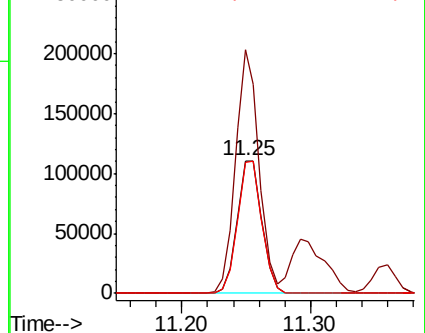
158 98.2 48.8 146.4



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: 54.170 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008975.D

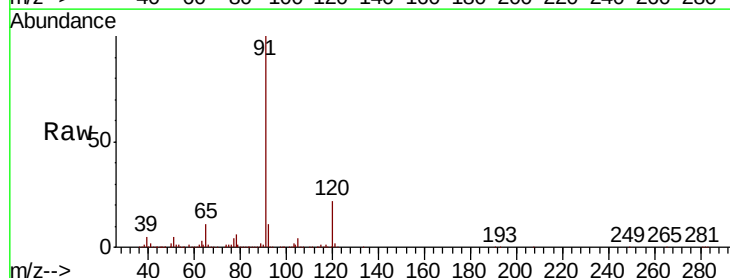
Acq: 16 Apr 2019 09:58

Tgt Ion: 91 Resp: 726327

Ion Ratio Lower Upper

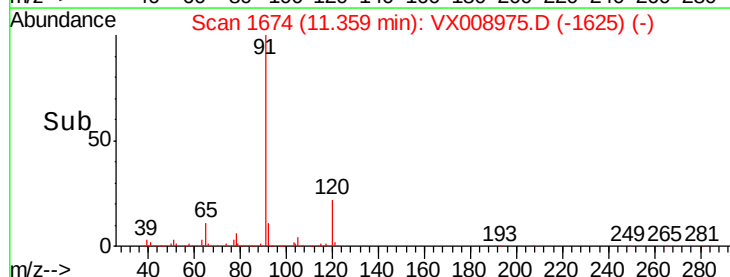
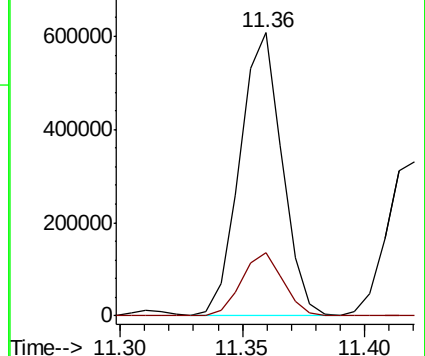
91 100

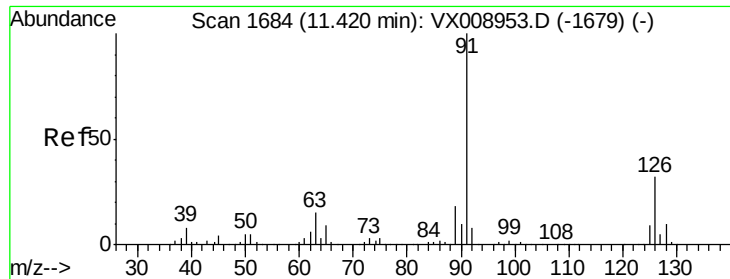
120 22.2 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.286 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

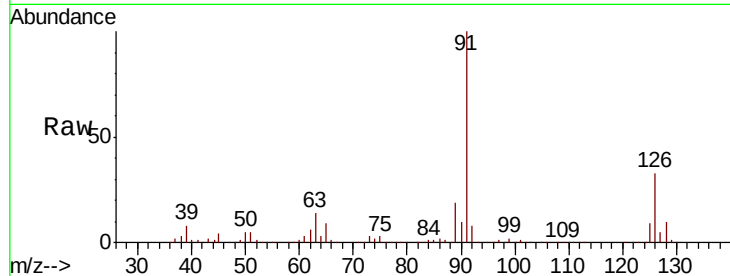
VSTDCCC050

Tot Ion: 91 Resp: 422463

Ion Ratio Lower Upper

91 100

126 32.5 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX008975.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX008975.D (-1679) (-)

600000

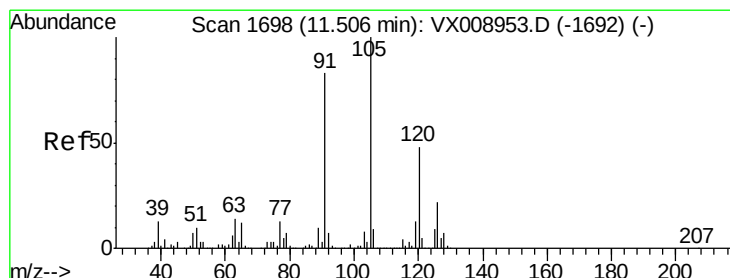
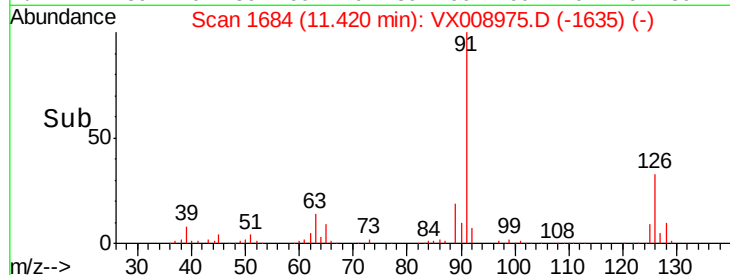
400000

200000

0

11.40 11.42 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 53.430 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008975.D

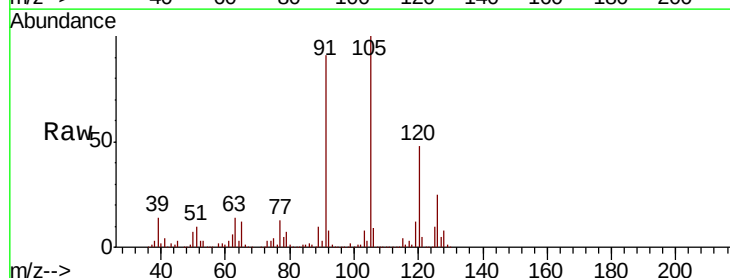
Acq: 16 Apr 2019 09:58

Tgt Ion:105 Resp: 523774

Ion Ratio Lower Upper

105 100

120 47.7 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): VX008975.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX008975.D (-1692) (-)

500000

400000

300000

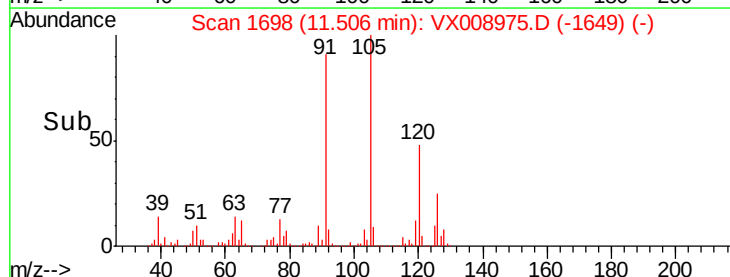
200000

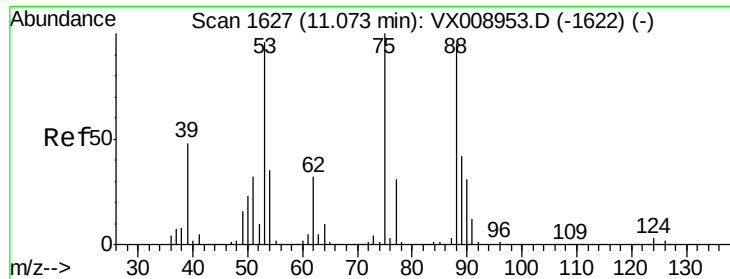
100000

0

11.50 11.51 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 52.724 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

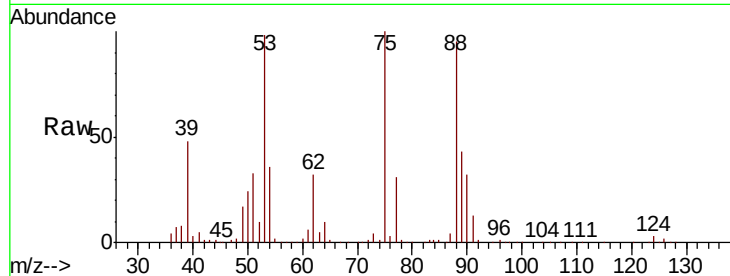
Tot Ion: 75 Resp: 77286

Ion Ratio Lower Upper

75 100

53 99.2 78.2 117.4

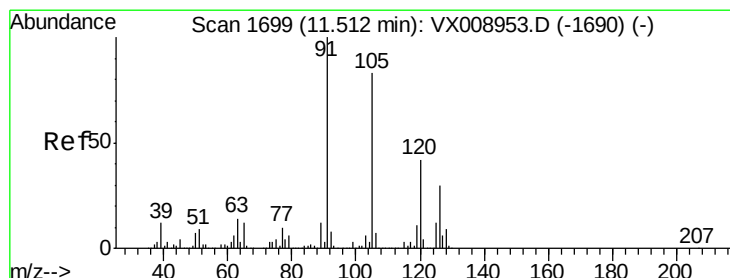
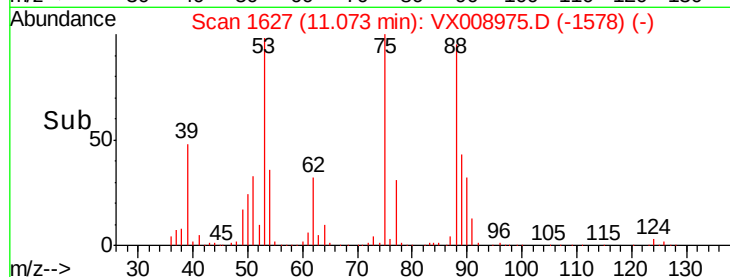
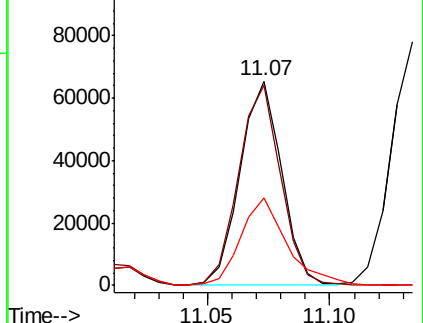
89 47.7 36.0 54.0



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: 52.397 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX008975.D

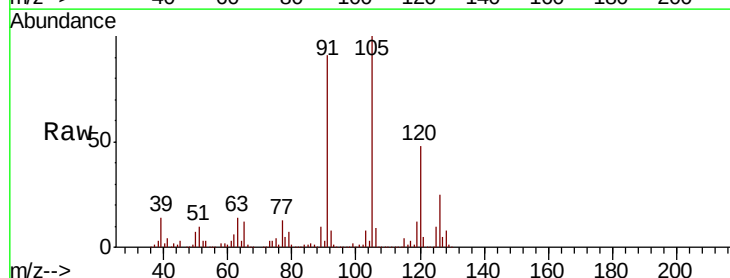
Acq: 16 Apr 2019 09:58

Tgt Ion: 91 Resp: 491681

Ion Ratio Lower Upper

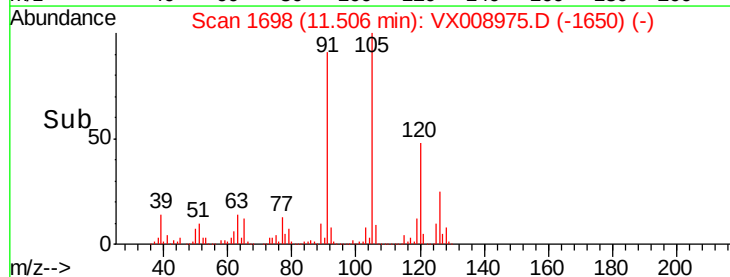
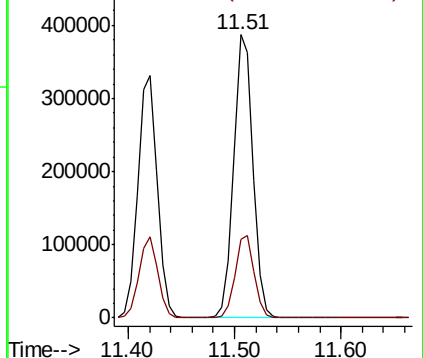
91 100

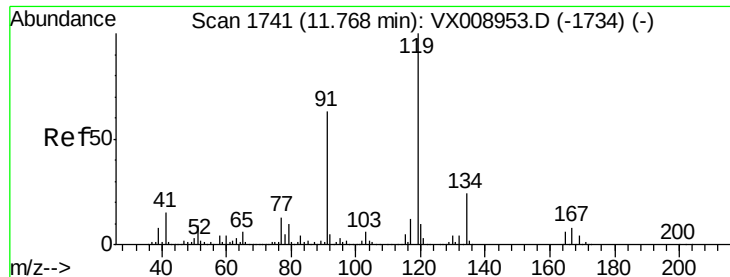
126 28.8 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

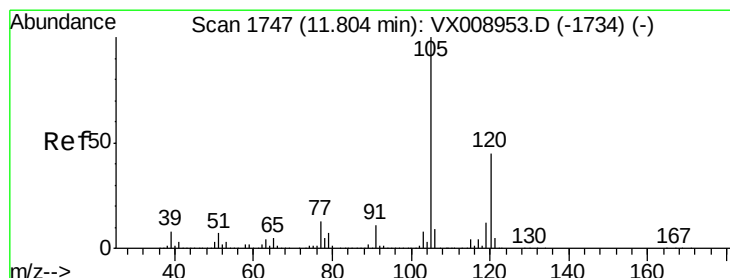
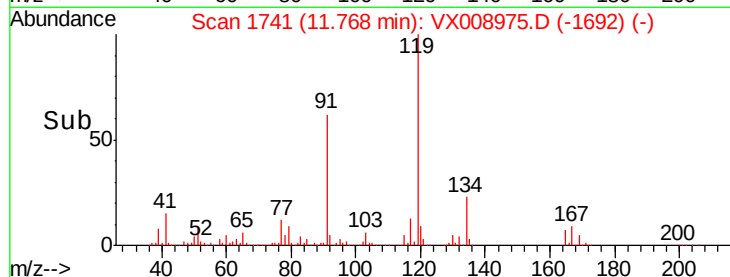
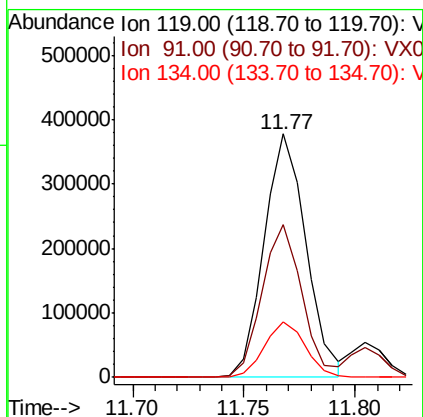
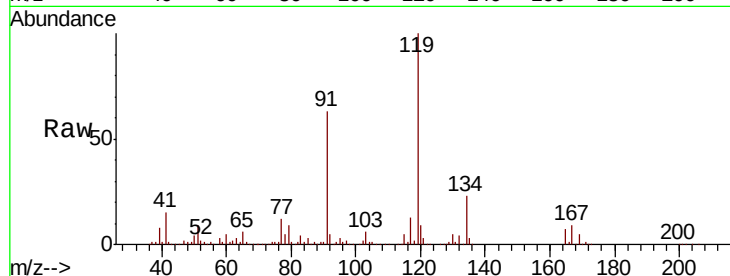




#83
 tert-Butylbenzene
 Concen: 52.510 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX008975.D
 Acq: 16 Apr 2019 09:58

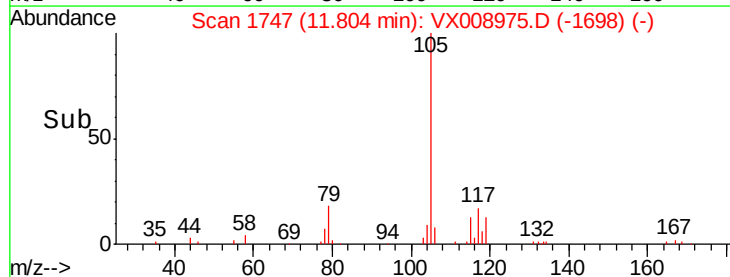
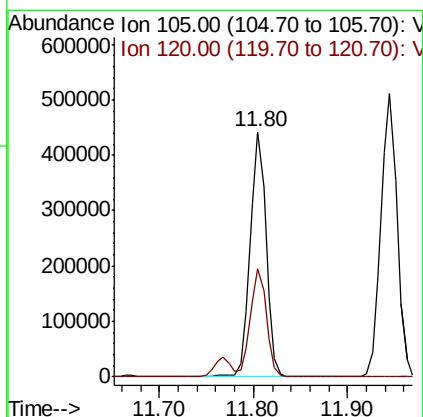
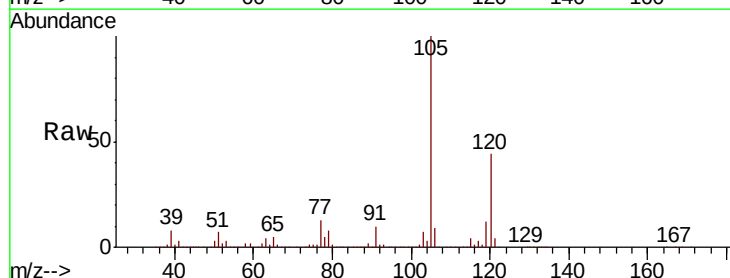
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

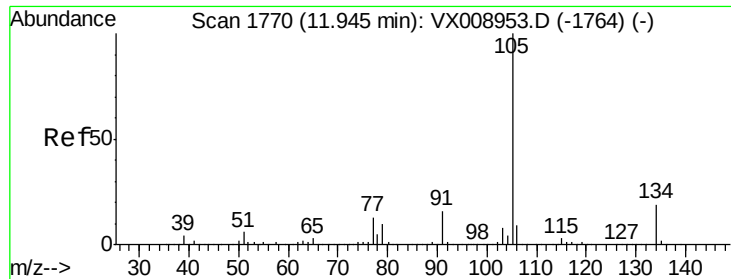
Tot Ion:119 Resp: 494212
 Ion Ratio Lower Upper
 119 100
 91 60.1 29.7 89.1
 134 22.1 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 52.756 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008975.D
 Acq: 16 Apr 2019 09:58

Tgt Ion:105 Resp: 526435
 Ion Ratio Lower Upper
 105 100
 120 44.4 21.9 65.8





#85

sec-Butylbenzene

Concen: 54.511 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

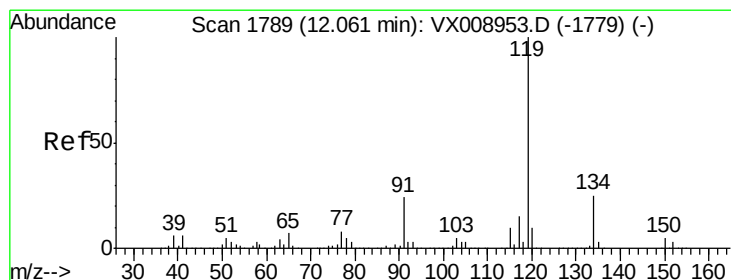
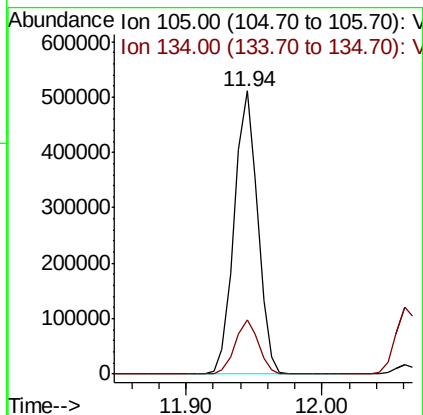
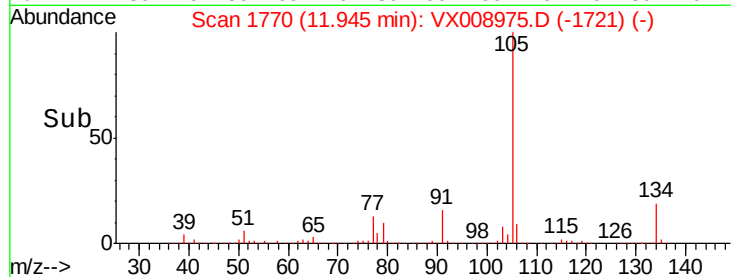
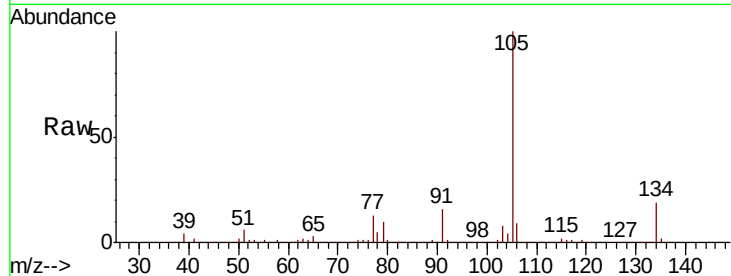
VSTDCCC050

Tot Ion:105 Resp: 611890

Ion Ratio Lower Upper

105 100

134 19.0 9.6 28.6



#86

p-Isopropyltoluene

Concen: 53.761 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

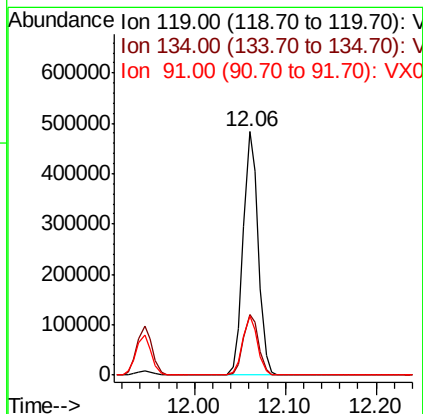
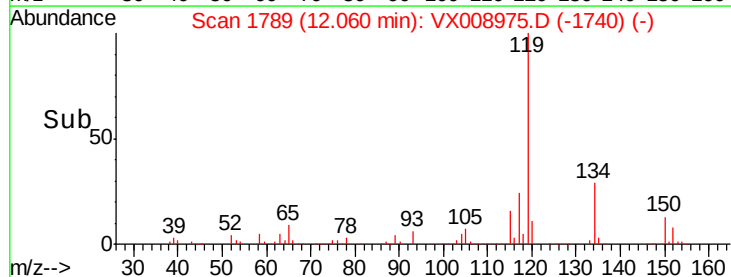
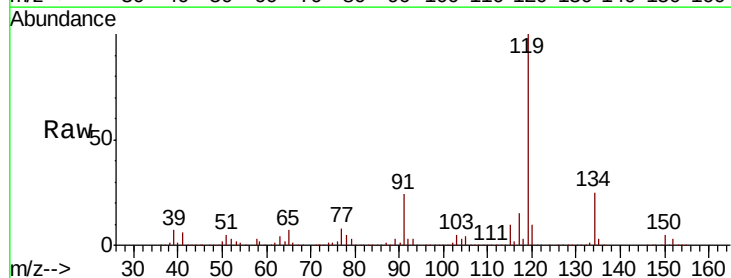
Tgt Ion:119 Resp: 554817

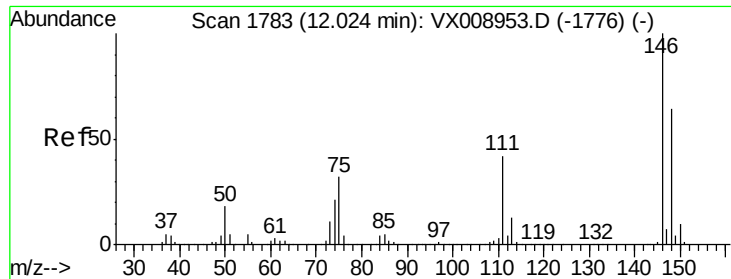
Ion Ratio Lower Upper

119 100

134 25.5 12.9 38.6

91 23.9 11.9 35.5

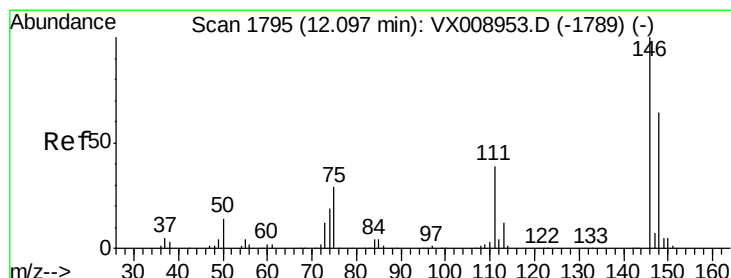
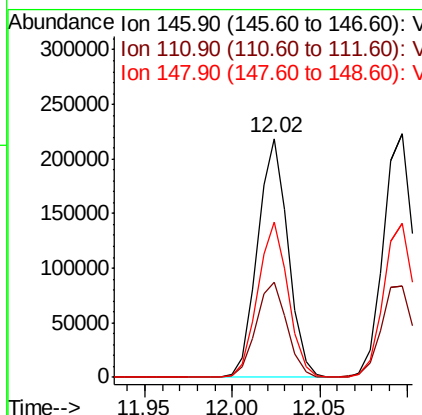
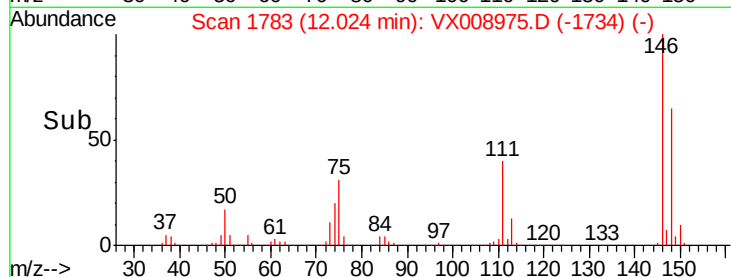
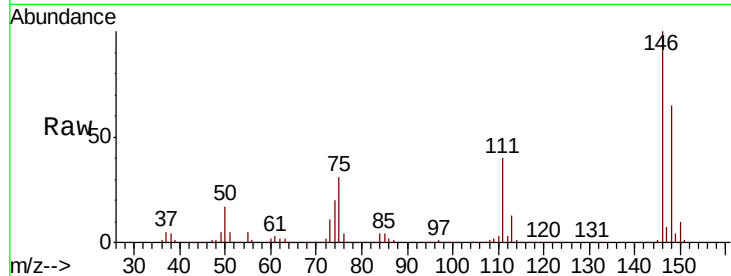




#87
 1,3-Dichlorobenzene
 Concen: 51.758 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008975.D
 Acq: 16 Apr 2019 09:58

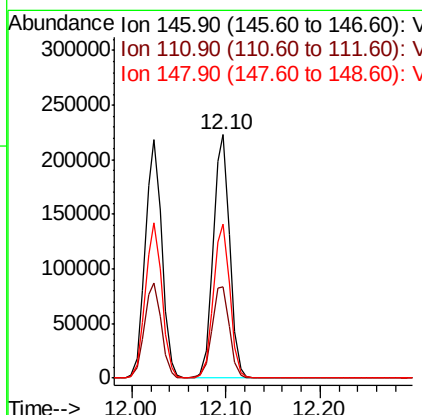
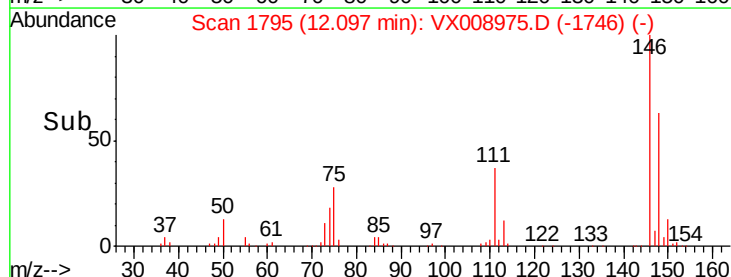
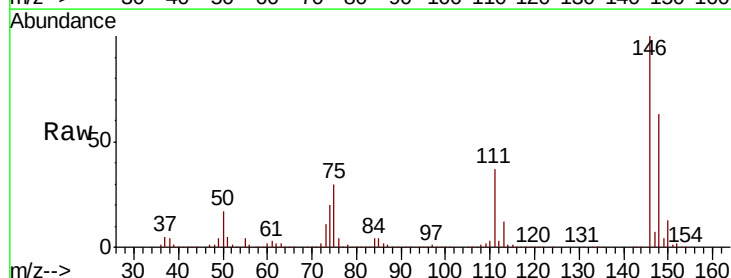
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

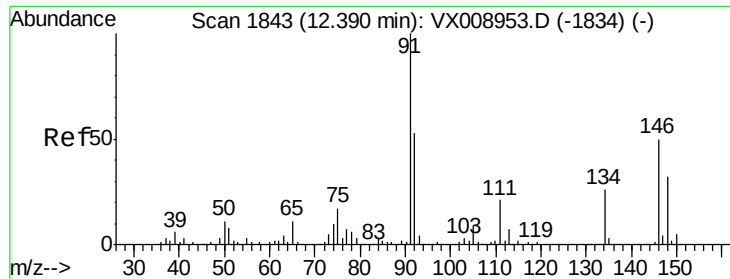
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.5	61.6
148	64.6	32.2	96.6



#88
 1,4-Dichlorobenzene
 Concen: 51.214 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008975.D
 Acq: 16 Apr 2019 09:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.0	59.9
148	63.5	32.2	96.6





#89

n-Butylbenzene

Concen: 54.689 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.01 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

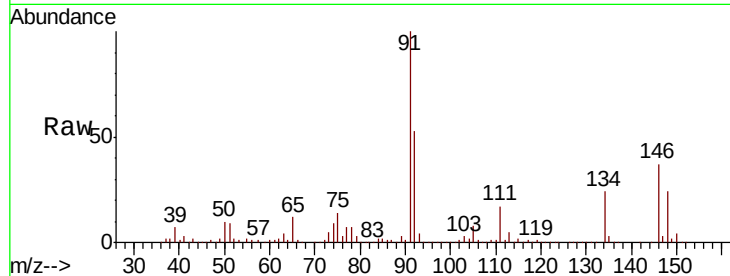
Tot Ion: 91 Resp: 525632

Ion Ratio Lower Upper

91 100

92 53.5 26.6 79.8

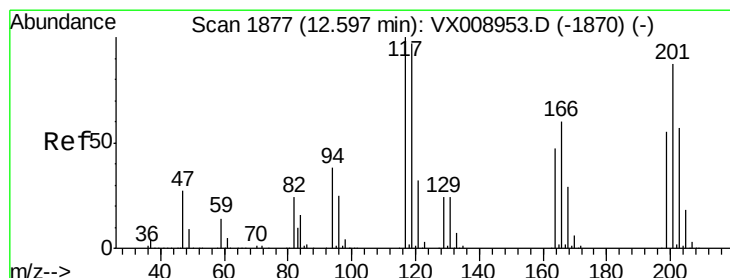
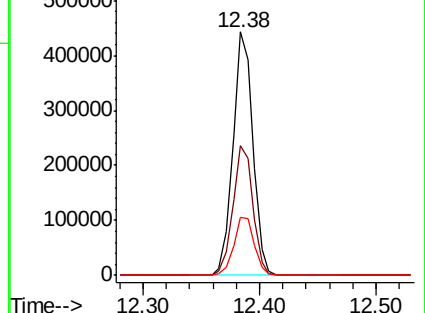
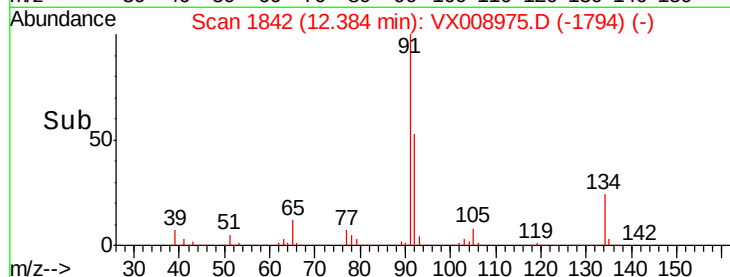
134 24.8 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX008975.D (-1794) (-)

Ion 92.00 (91.70 to 92.70): VX008975.D (-1794) (-)

Ion 134.00 (133.70 to 134.70): VX008975.D (-1794) (-)



#90

Hexachloroethane

Concen: 54.747 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX008975.D

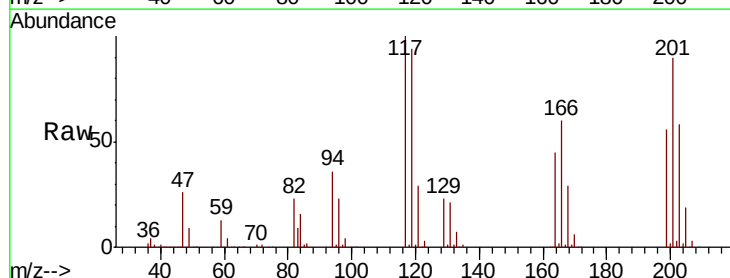
Acq: 16 Apr 2019 09:58

Tgt Ion: 117 Resp: 93199

Ion Ratio Lower Upper

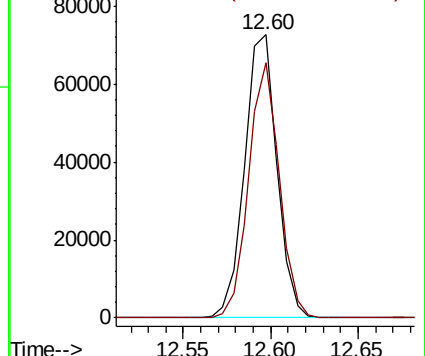
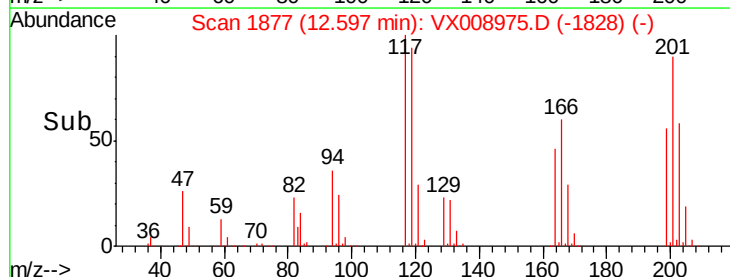
117 100

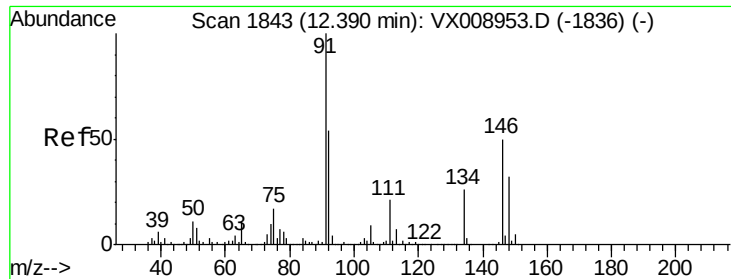
201 85.6 43.0 129.0



Abundance Ion 116.80 (116.50 to 117.50): VX008975.D (-1828) (-)

Ion 200.70 (200.40 to 201.40): VX008975.D (-1828) (-)

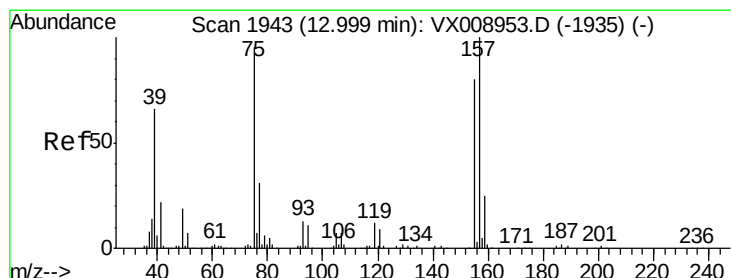
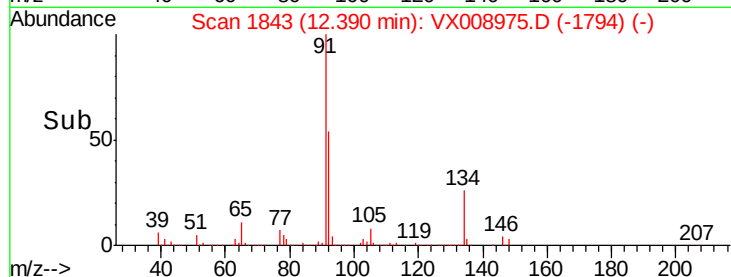
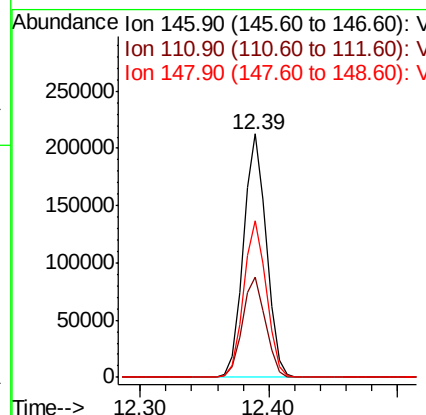
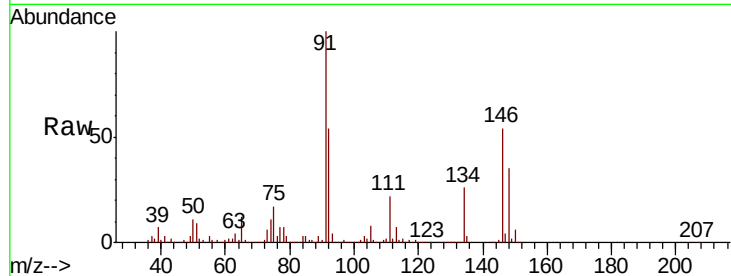




#91
 1,2-Dichlorobenzene
 Concen: 51.025 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008975.D
 Acq: 16 Apr 2019 09:58

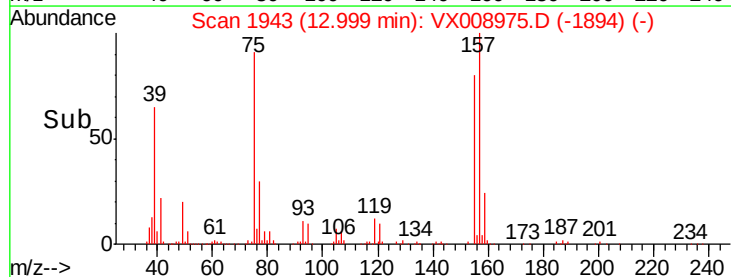
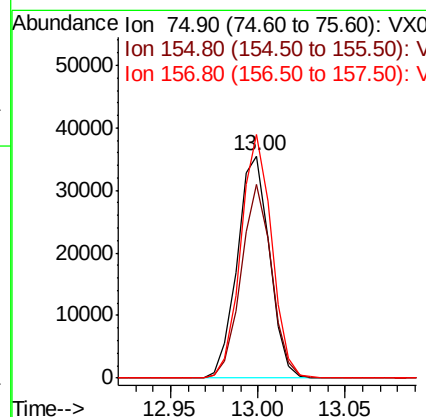
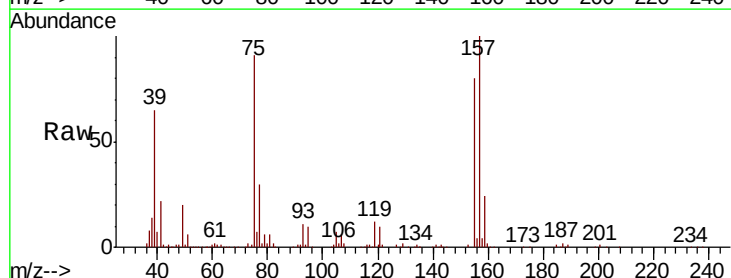
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

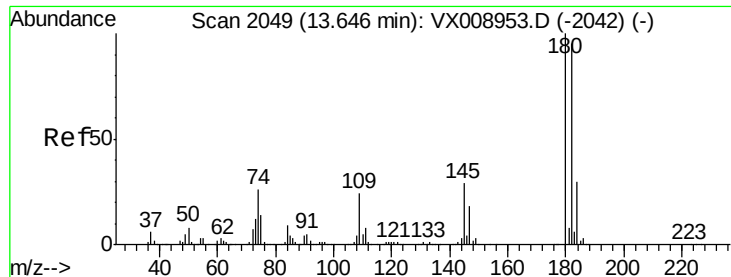
Tot Ion:146 Resp: 259922
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.6 61.9
 148 63.8 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.085 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008975.D
 Acq: 16 Apr 2019 09:58

Tgt Ion: 75 Resp: 45759
 Ion Ratio Lower Upper
 75 100
 155 82.0 41.2 123.6
 157 104.4 52.5 157.6





#93

1,2,4-Trichlorobenzene

Concen: 51.980 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

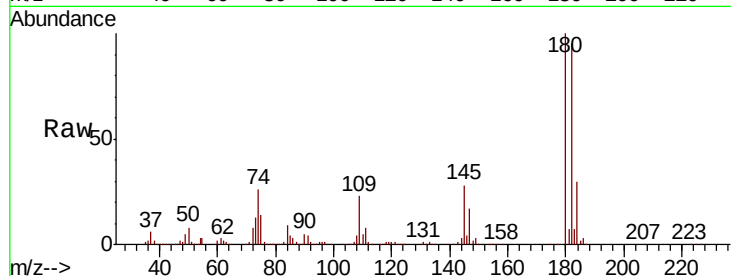
Tot Ion:180 Resp: 191143

Ion Ratio Lower Upper

180 100

182 95.1 47.6 142.9

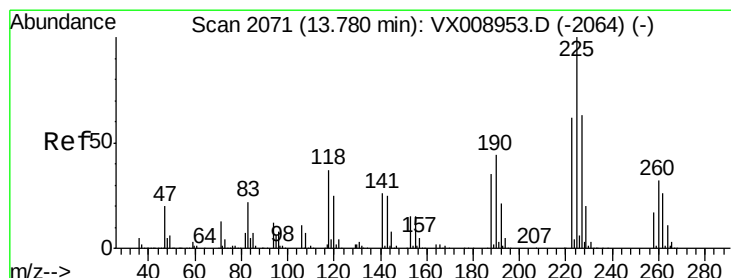
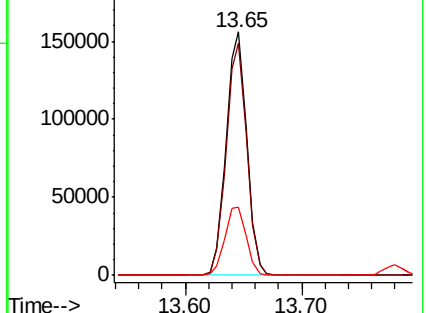
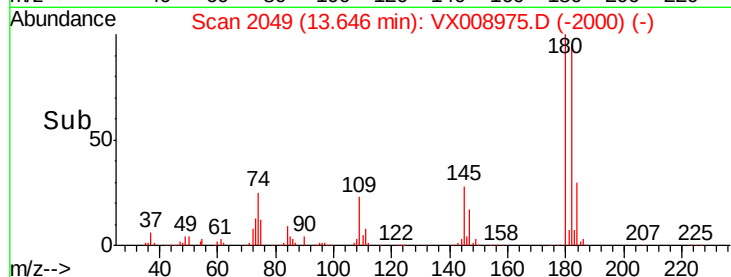
145 29.3 14.8 44.4



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: 52.783 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

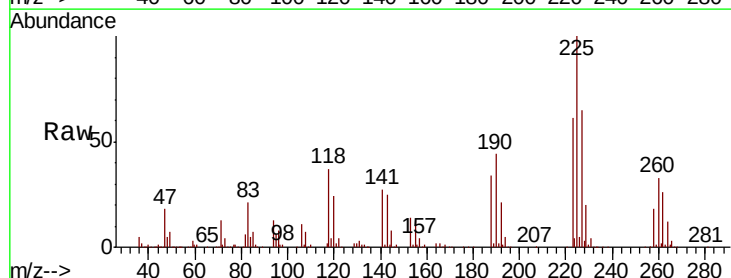
Tgt Ion:225 Resp: 96806

Ion Ratio Lower Upper

225 100

223 61.9 31.1 93.2

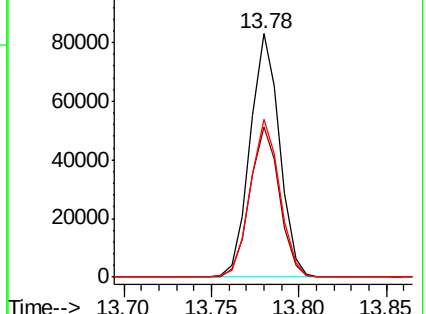
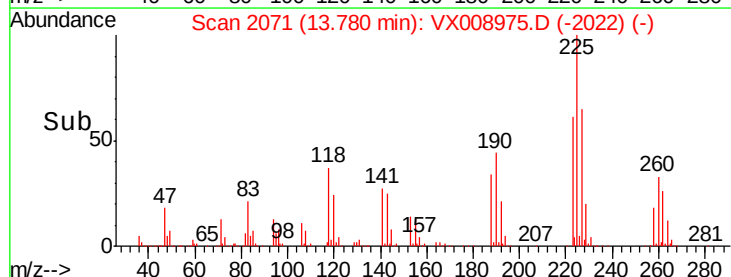
227 64.7 32.0 96.2

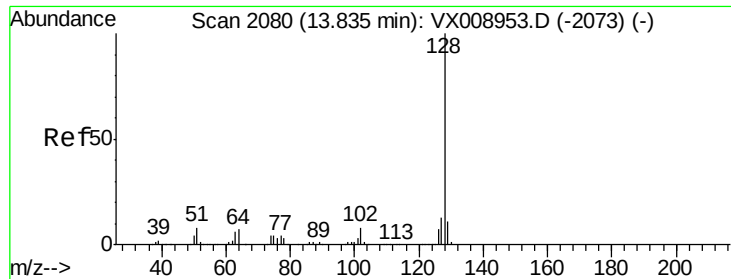


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

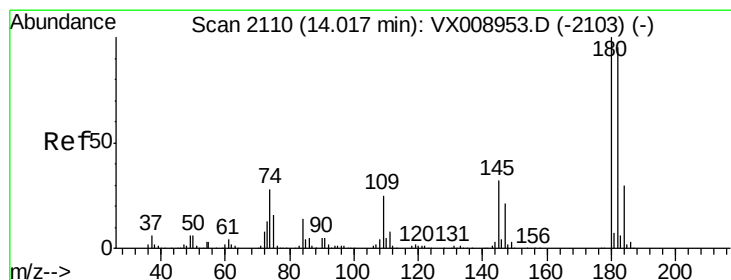
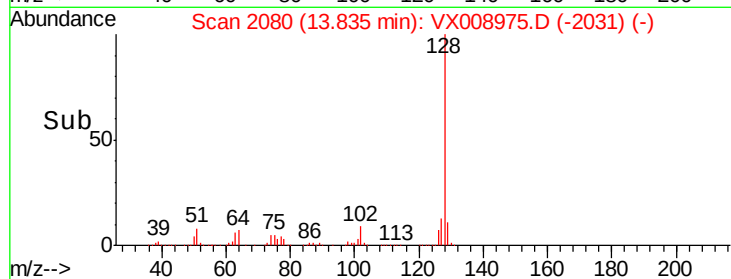
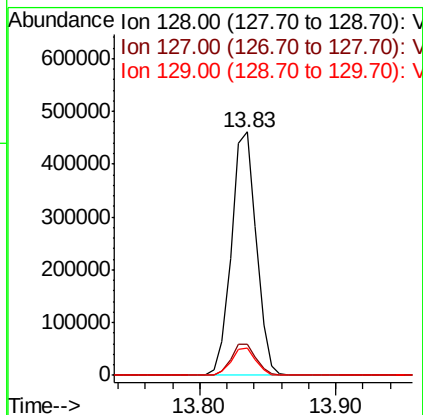
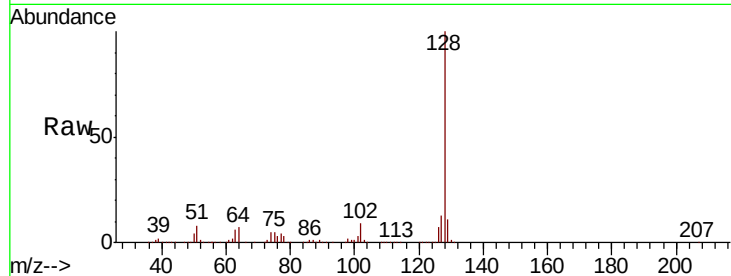




#95
Naphthalene
Concen: 49.714 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008975.D
Acq: 16 Apr 2019 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 585694
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 51.286 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008975.D
Acq: 16 Apr 2019 09:58

Tgt Ion:180 Resp: 186076
Ion Ratio Lower Upper
180 100
182 95.0 47.8 143.4
145 31.0 15.8 47.3

