

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102218\
 Data File : VX005466.D
 Acq On : 22 Oct 2018 13:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 23 01:24:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	257276	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.87	114	366417	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	323970	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	167712	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	148710	52.08	ug/l	0.00
Spiked Amount			Recovery	=	104.16%	
35) Dibromofluoromethane	5.51	113	124955	51.49	ug/l	0.00
Spiked Amount			Recovery	=	102.98%	
50) Toluene-d8	8.71	98	368453	44.22	ug/l	0.00
Spiked Amount			Recovery	=	88.44%	
62) 4-Bromofluorobenzene	11.14	95	144827	46.27	ug/l	0.00
Spiked Amount			Recovery	=	92.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	89974	44.728	ug/l	96
3) Chloromethane	1.32	50	125717	43.131	ug/l	99
4) Vinyl Chloride	1.40	62	126925	42.986	ug/l	99
5) Bromomethane	1.64	94	79520	47.712	ug/l	98
6) Chloroethane	1.71	64	76476	43.306	ug/l	99
7) Trichlorofluoromethane	1.92	101	176880	44.890	ug/l	98
8) Diethyl Ether	2.19	74	81262	48.295	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.38	101	109772	48.267	ug/l	96
10) Methyl Iodide	2.51	142	137965	55.061	ug/l	98
11) Tert butyl alcohol	3.07	59	197362	245.032	ug/l	98
12) 1,1-Dichloroethene	2.37	96	103379	45.879	ug/l	89
13) Acrolein	2.29	56	109665	213.045	ug/l	98
14) Allyl chloride	2.72	41	231108	46.715	ug/l	94
15) Acrylonitrile	3.15	53	445430	244.041	ug/l	100
16) Acetone	2.45	43	390624	236.607	ug/l	98
17) Carbon Disulfide	2.56	76	268685	39.362	ug/l	99
18) Methyl Acetate	2.78	43	250385	53.309	ug/l	93
19) Methyl tert-butyl Ether	3.20	73	399588	50.351	ug/l	95
20) Methylene Chloride	2.85	84	123198	51.247	ug/l	85
21) trans-1,2-Dichloroethene	3.16	96	108392	43.406	ug/l	85
22) Diisopropyl ether	3.87	45	440671	53.033	ug/l	97
23) Vinyl Acetate	3.82	43	1925459	265.115	ug/l	95
24) 1,1-Dichloroethane	3.70	63	224734	47.191	ug/l	96
25) 2-Butanone	4.70	43	643456	266.384	ug/l	95
26) 2,2-Dichloropropane	4.58	77	172919	48.551	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	132818	48.940	ug/l	96
28) Bromochloromethane	5.01	49	116373	53.604	ug/l	94
29) Tetrahydrofuran	5.15	42	413280	268.225	ug/l	92
30) Chloroform	5.21	83	224863	50.871	ug/l	94
31) Cyclohexane	5.57	56	186279	47.459	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	189714	49.326	ug/l	98
36) 1,1-Dichloropropene	5.79	75	159359	44.906	ug/l	99
37) Ethyl Acetate	4.85	43	226614	49.655	ug/l	98
38) Carbon Tetrachloride	5.78	117	163303	45.798	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	160450	41.776	ug/l #	82
40) Benzene	6.14	78	485857	45.640	ug/l	96
41) Methacrylonitrile	5.06	41	129991	53.130	ug/l	95
42) 1,2-Dichloroethane	6.20	62	178301	47.434	ug/l	98
43) Isopropyl Acetate	6.46	43	336941	55.424	ug/l	97
44) Trichloroethene	7.21	130	117679	43.209	ug/l	90
45) 1,2-Dichloropropane	7.51	63	115486	44.225	ug/l	91
46) Dibromomethane	7.66	93	77362	44.887	ug/l	97
47) Bromodichloromethane	7.90	83	143736	45.087	ug/l	98
48) Methyl methacrylate	7.77	41	148888	47.220	ug/l	93
49) 1,4-Dioxane	7.75	88	64054	880.775	ug/l	92
51) 4-Methyl-2-Pentanone	8.65	43	1011284	240.243	ug/l	95
52) Toluene	8.79	92	250754	43.055	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	176157	51.059	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	169833	45.431	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	129392	52.453	ug/l	93
56) Ethyl methacrylate	9.18	69	207727	57.764	ug/l	96
57) 1,3-Dichloropropane	9.37	76	222160	53.958	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	471534	233.807	ug/l	94
59) 2-Hexanone	9.50	43	953027	281.454	ug/l	93
60) Dibromochloromethane	9.59	129	140489	55.097	ug/l	96
61) 1,2-Dibromoethane	9.67	107	142513	55.049	ug/l	99
64) Tetrachloroethene	9.34	164	137916	52.879	ug/l	94
65) Chlorobenzene	10.14	112	352025	51.083	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.22	131	125988	51.303	ug/l	99
67) Ethyl Benzene	10.26	91	558292	49.835	ug/l	90
68) m/p-Xylenes	10.36	106	398191	91.575	ug/l	91
69) o-Xylene	10.70	106	191567	45.681	ug/l	99
70) Styrene	10.71	104	344024	49.876	ug/l	100
71) Bromoform	10.86	173	105978	48.292	ug/l #	99
73) Isopropylbenzene	11.02	105	511201	51.274	ug/l	100
74) N-amyl acetate	10.90	43	261174	54.313	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	210609	55.999	ug/l	97
76) 1,2,3-Trichloropropane	11.30	75	246268	75.702	ug/l	87
77) Bromobenzene	11.26	156	144628	50.735	ug/l	94
78) n-propylbenzene	11.36	91	641975	55.956	ug/l	98
79) 2-Chlorotoluene	11.42	91	352629	50.187	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	442765	51.860	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.08	75	63158	58.991	ug/l	90
82) 4-Chlorotoluene	11.51	91	425104	51.038	ug/l	99
83) tert-Butylbenzene	11.77	119	437878	50.647	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	456447	51.951	ug/l	98
85) sec-Butylbenzene	11.94	105	529503	51.752	ug/l	99
86) p-Isopropyltoluene	12.07	119	483432	52.276	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	263763	49.516	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	269304	49.419	ug/l	99
89) n-Butylbenzene	12.39	91	433718	51.654	ug/l	98
90) Hexachloroethane	12.60	117	78162	49.043	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	267968	49.296	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	46945	51.171	ug/l	96

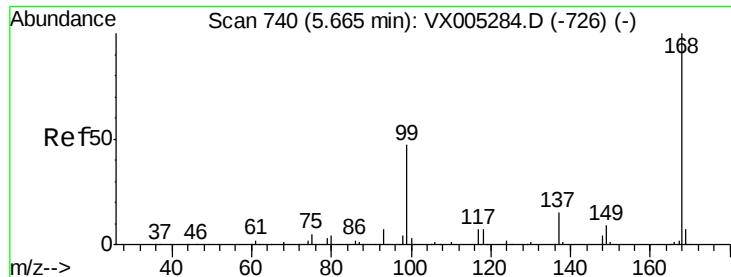
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	208252	52.217	ug/l	100
94) Hexachlorobutadiene	13.79	225	103245	49.016	ug/l	96
95) Naphthalene	13.83	128	638777	55.228	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	210753	51.647	ug/l	98

(#) = 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: VX005466.D

Acq: 22 Oct 2018 13:03

Instrument :

MSVOA_X

ClientSampleId :

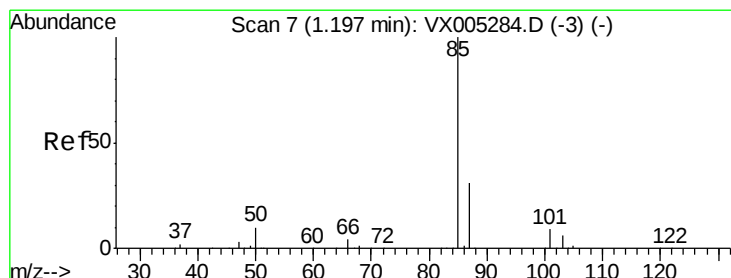
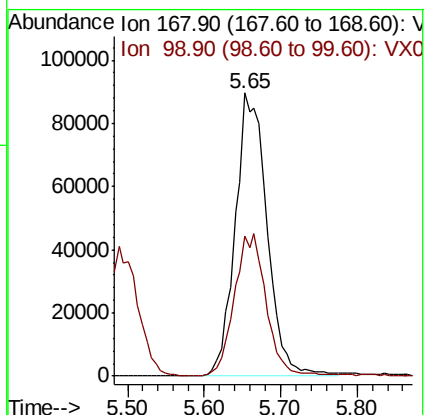
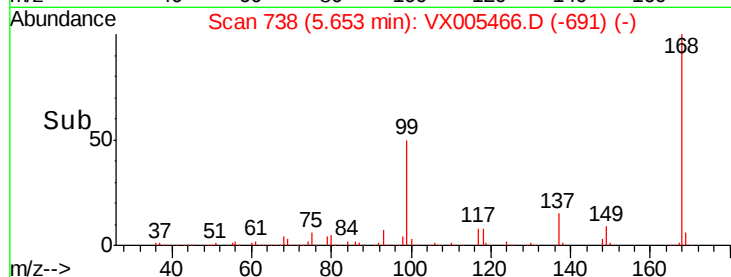
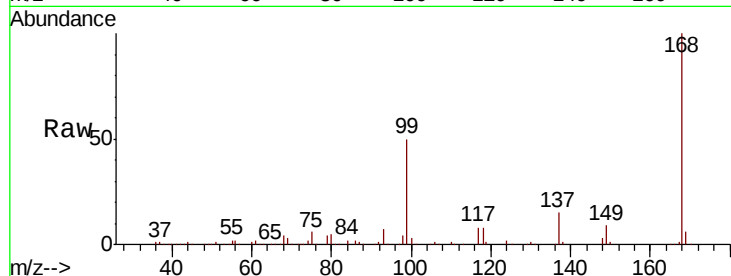
VSTDCCC050

Tot Ion:168 Resp: 257276

Ion Ratio Lower Upper

168 100

99 49.3 39.9 59.9



#2

Dichlorodifluoromethane

Concen: 44.728 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX005466.D

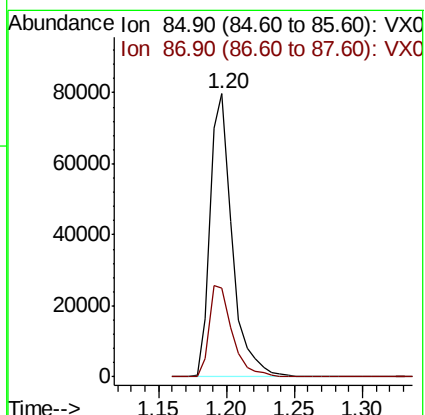
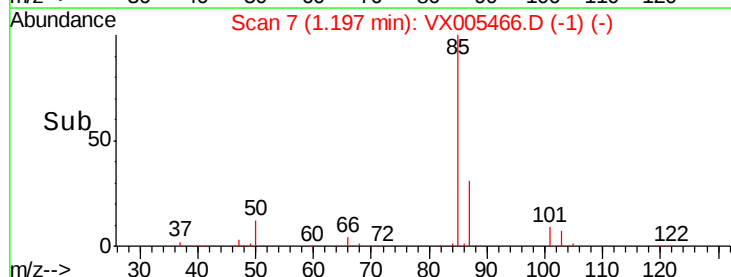
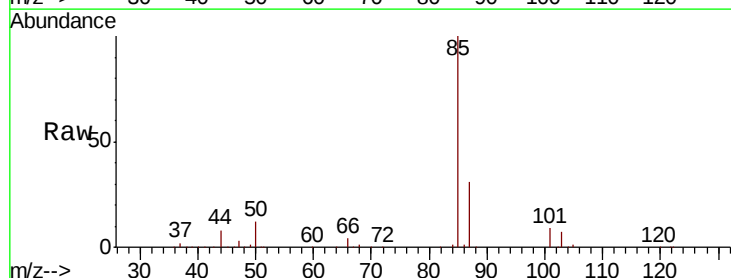
Acq: 22 Oct 2018 13:03

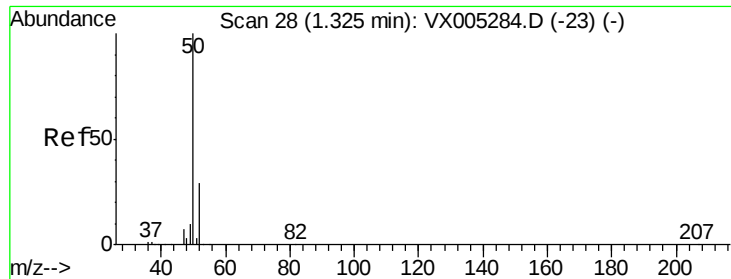
Tgt Ion: 85 Resp: 89974

Ion Ratio Lower Upper

85 100

87 31.4 17.0 50.9





#3

Chloromethane

Concen: 43.131 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX005466.D

Acq: 22 Oct 2018 13:03

Instrument :

MSVOA_X

ClientSampleId :

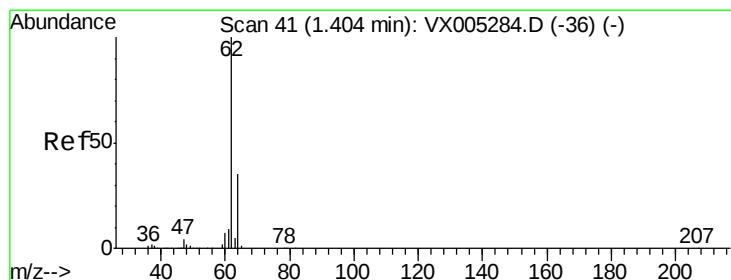
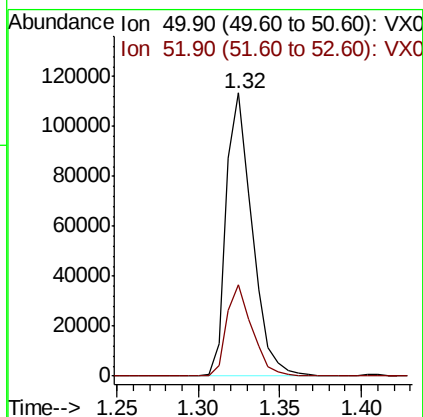
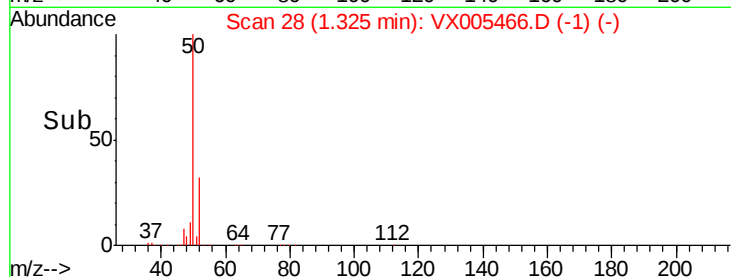
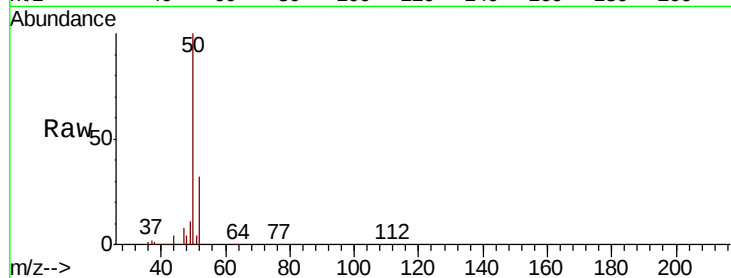
VSTDCCC050

Tot Ion: 50 Resp: 125717

Ion Ratio Lower Upper

50 100

52 32.2 26.2 39.2



#4

Vinyl Chloride

Concen: 42.986 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX005466.D

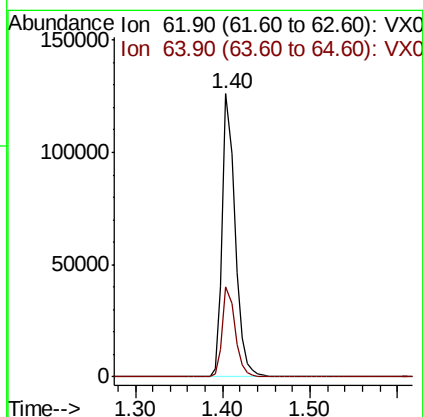
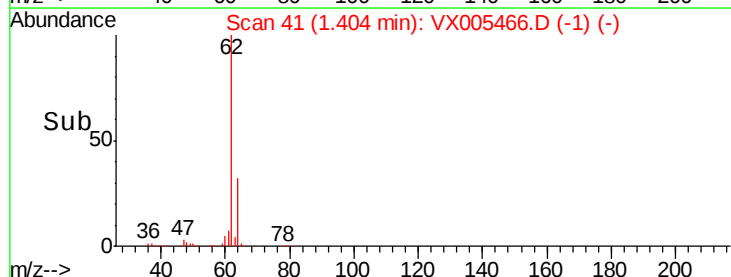
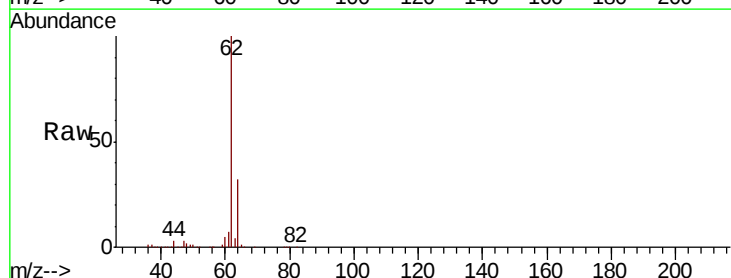
Acq: 22 Oct 2018 13:03

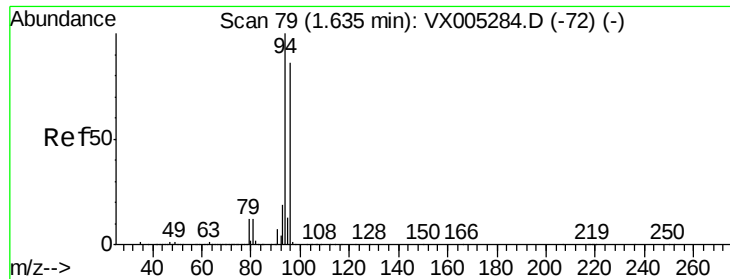
Tgt Ion: 62 Resp: 126925

Ion Ratio Lower Upper

62 100

64 31.7 25.8 38.8





#5

Bromomethane

Concen: 47.712 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005466.D

Acq: 22 Oct 2018 13:03

Instrument :

MSVOA_X

ClientSampleId :

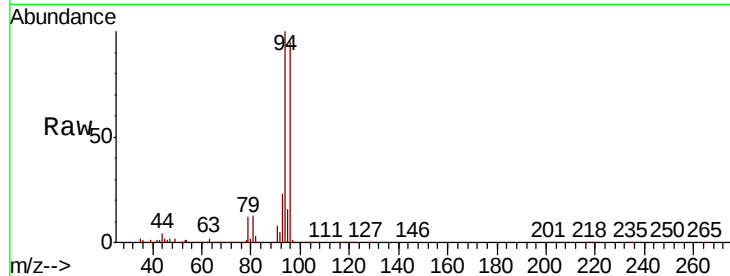
VSTDCCC050

Tot Ion: 94 Resp: 79520

Ion Ratio Lower Upper

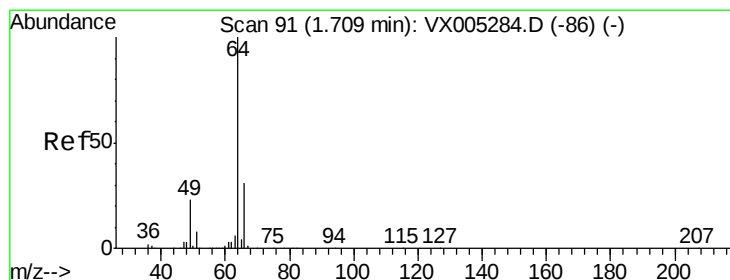
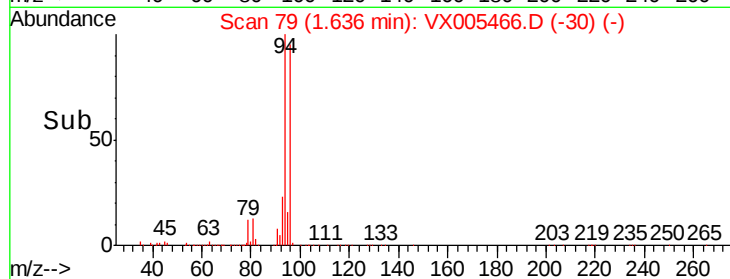
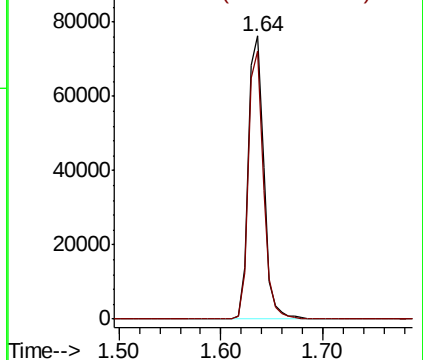
94 100

96 94.6 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 43.306 ug/l

RT: 1.71 min Scan# 91

Delta R.T. 0.00 min

Lab File: VX005466.D

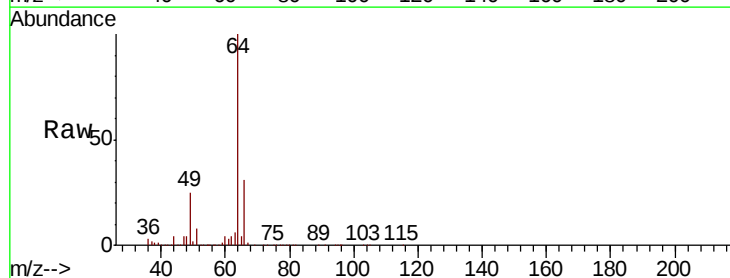
Acq: 22 Oct 2018 13:03

Tgt Ion: 64 Resp: 76476

Ion Ratio Lower Upper

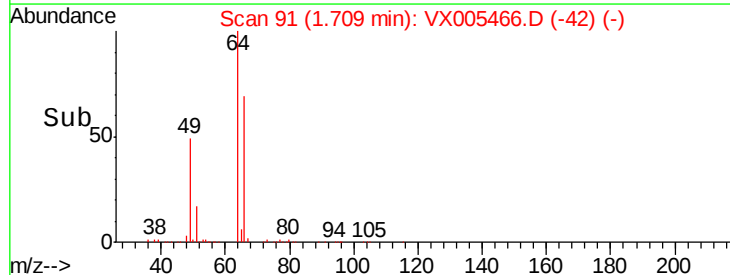
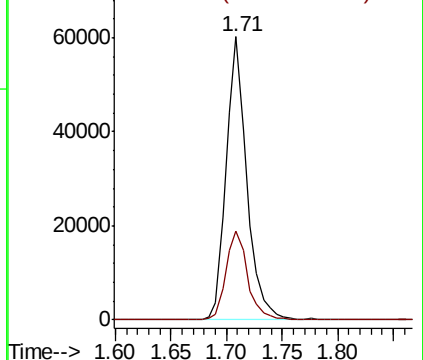
64 100

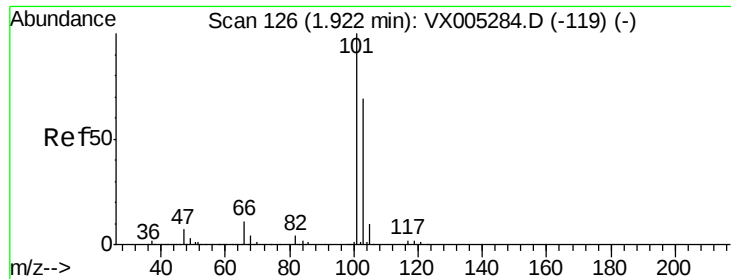
66 31.2 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



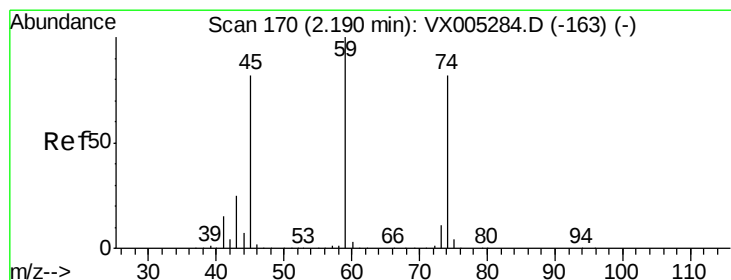
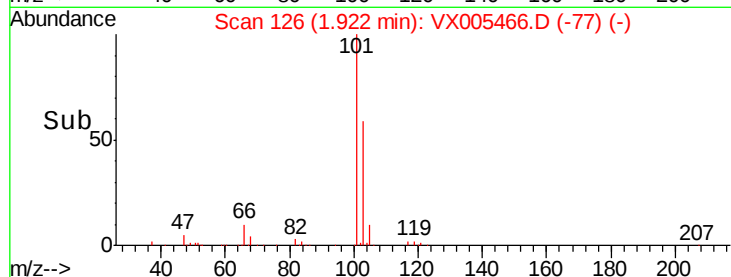
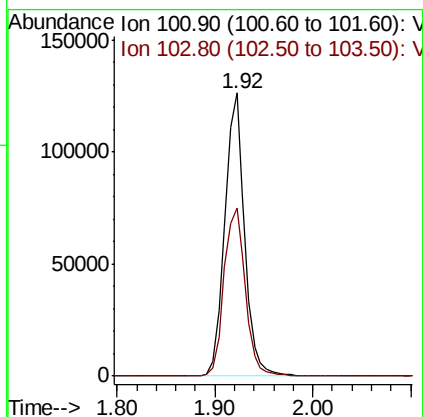
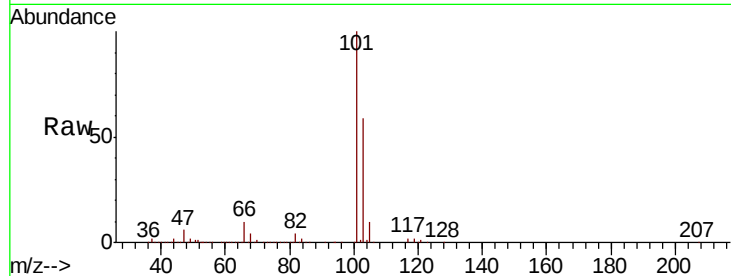


#7

Trichlorofluoromethane
 Concen: 44.890 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX005466.D
 Acq: 22 Oct 2018 13:03

Instrument :
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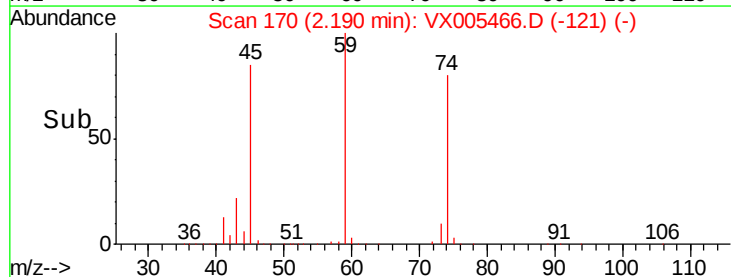
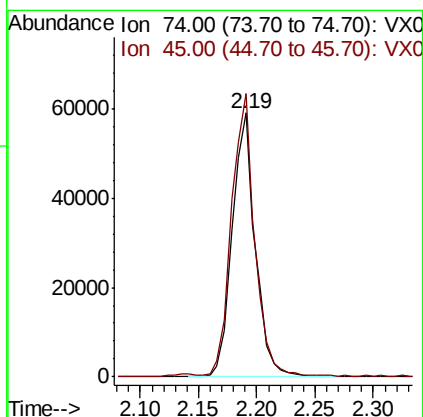
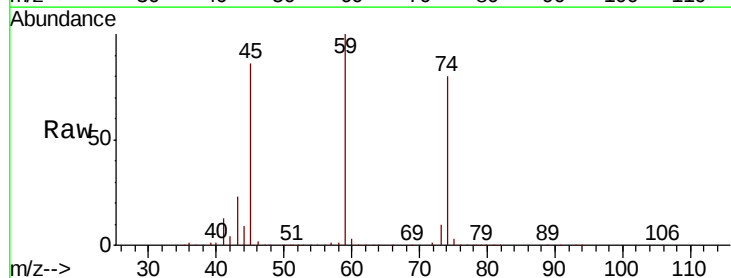
Tot Ion:101 Resp: 176880
 Ion Ratio Lower Upper
 101 100
 103 59.4 48.9 73.3

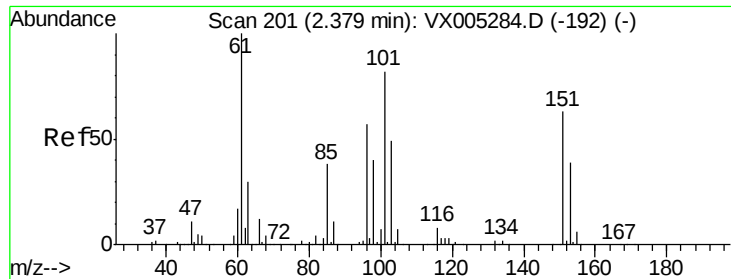


#8

Diethyl Ether
 Concen: 48.295 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX005466.D
 Acq: 22 Oct 2018 13:03

Tgt Ion: 74 Resp: 81262
 Ion Ratio Lower Upper
 74 100
 45 107.7 48.3 144.8

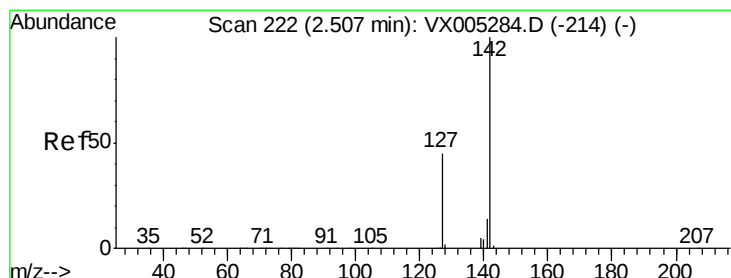
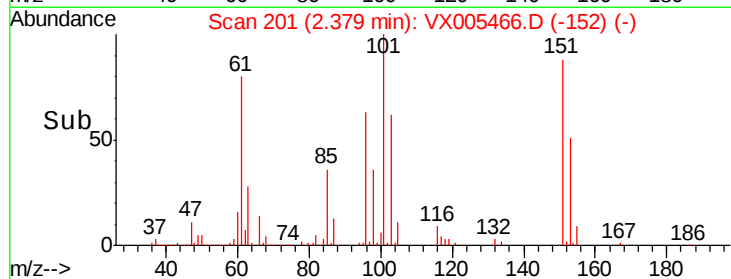
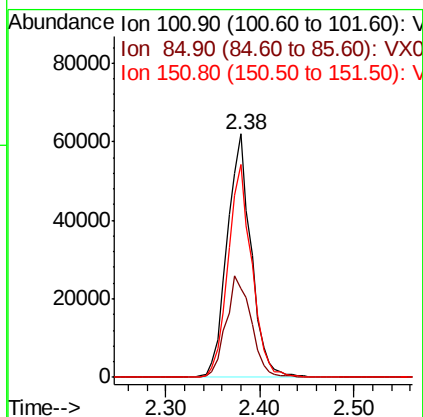
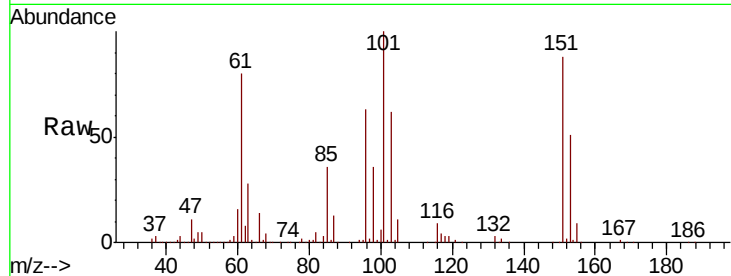




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.267 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.00 min
 Lab File: VX005466.D
 Acq: 22 Oct 2018 13:03

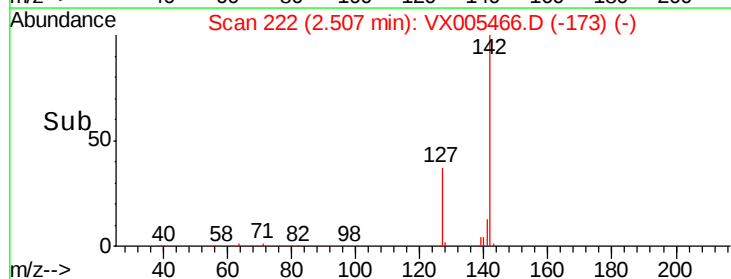
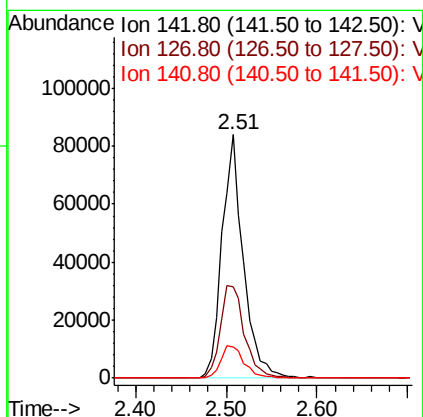
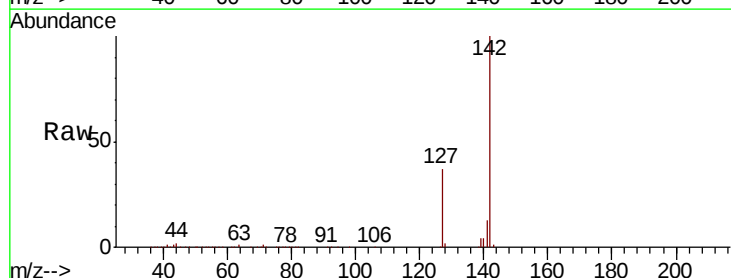
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

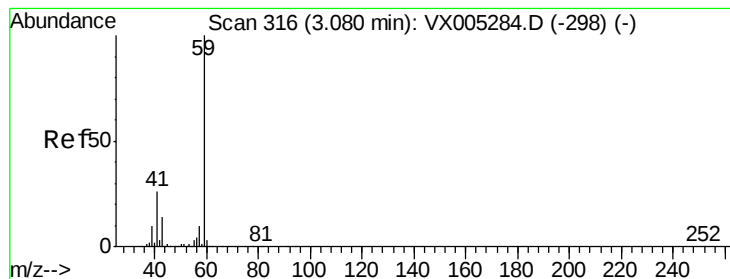
Tot Ion	Ratio	Lower	Upper
101	100		
85	43.7	34.2	51.4
151	86.4	65.0	97.6



#10
 Methyl Iodide
 Concen: 55.061 ug/l
 RT: 2.51 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VX005466.D
 Acq: 22 Oct 2018 13:03

Tgt Ion	Ratio	Lower	Upper
142	100		
127	43.2	33.8	50.6
141	14.8	11.4	17.0



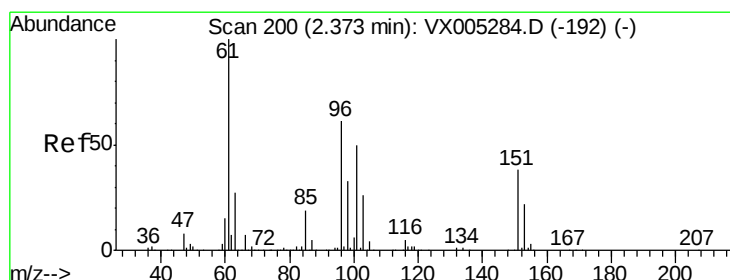
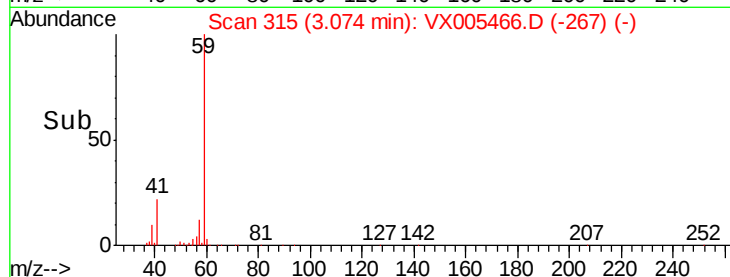
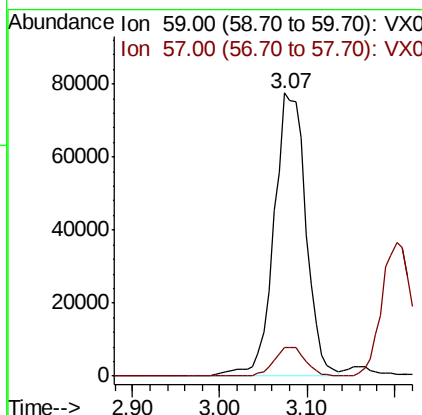
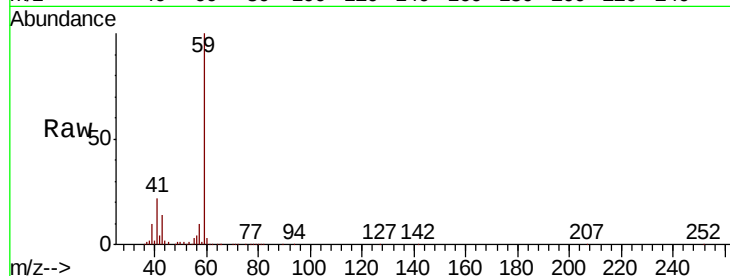


#11

Tert butyl alcohol
Concen: 245.032 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX005466.D
Acq: 22 Oct 2018 13:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

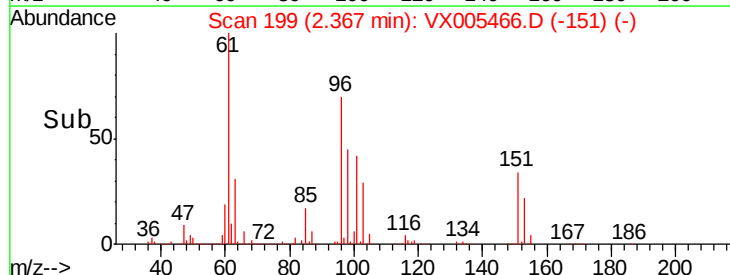
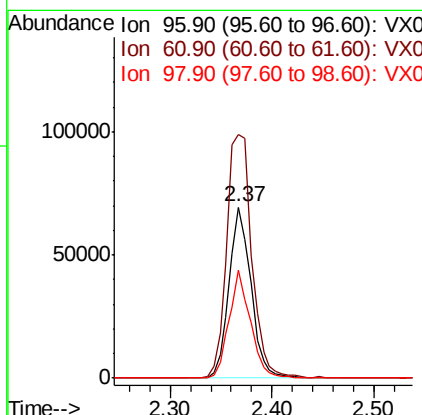
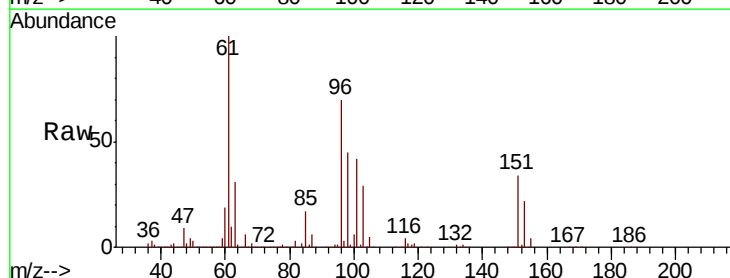
Tot Ion: 59 Resp: 197362
Ion Ratio Lower Upper
59 100
57 9.7 8.2 12.4

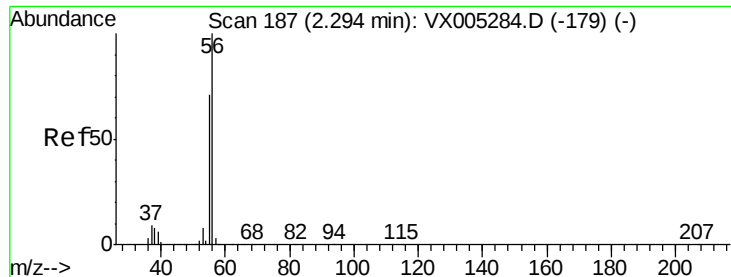


#12

1,1-Dichloroethene
Concen: 45.879 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX005466.D
Acq: 22 Oct 2018 13:03

Tgt Ion: 96 Resp: 103379
Ion Ratio Lower Upper
96 100
61 142.6 128.8 193.2
98 63.5 52.2 78.2





#13

Acrolein

Concen: 213.045 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005466.D

Acq: 22 Oct 2018 13:03

Instrument :

MSVOA_X

ClientSampleId :

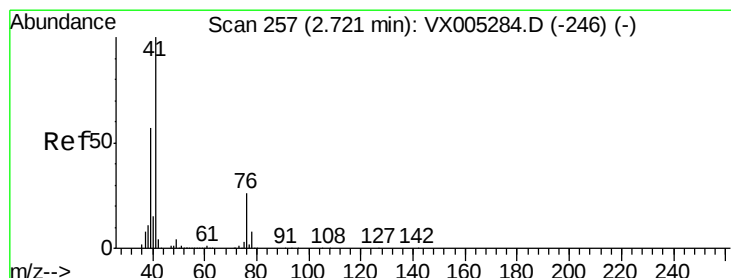
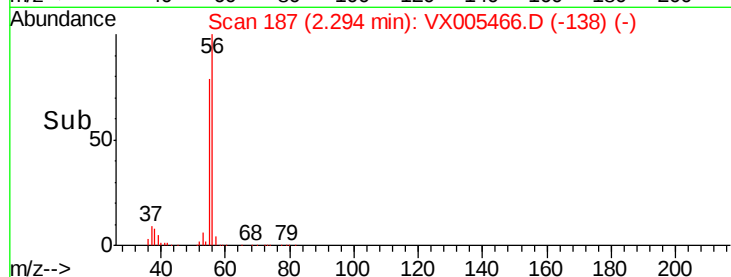
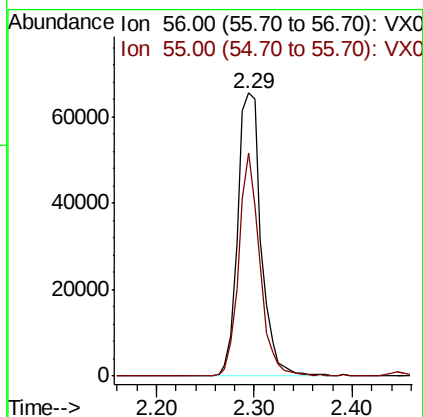
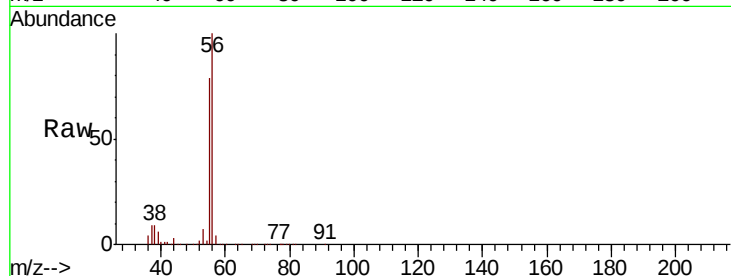
VSTDCCC050

Tot Ion: 56 Resp: 109665

Ion Ratio Lower Upper

56 100

55 69.8 54.7 82.1



#14

Allyl chloride

Concen: 46.715 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX005466.D

Acq: 22 Oct 2018 13:03

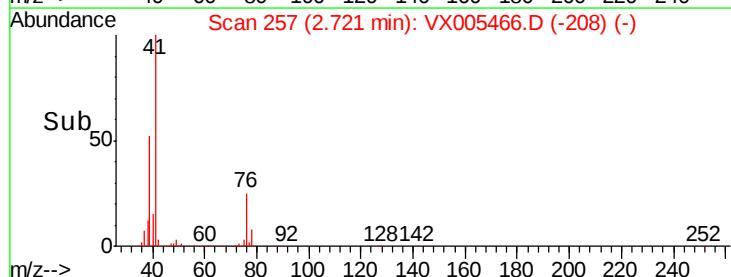
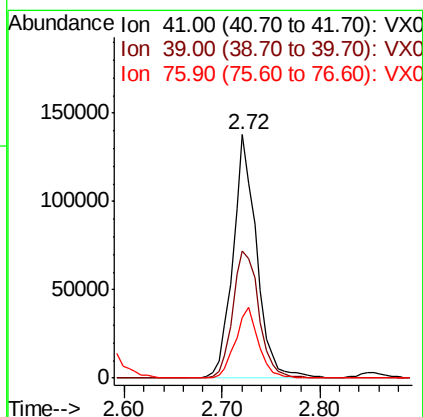
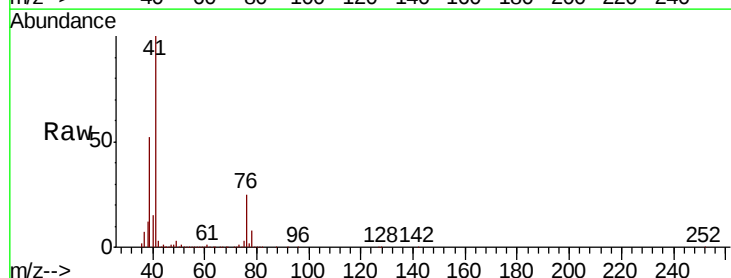
Tgt Ion: 41 Resp: 231108

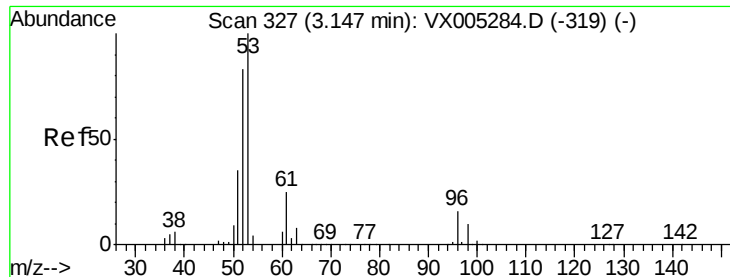
Ion Ratio Lower Upper

41 100

39 57.7 48.9 73.3

76 28.4 26.7 40.1





#15

Acrylonitrile

Concen: 244.041 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX005466.D

Acq: 22 Oct 2018 13:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

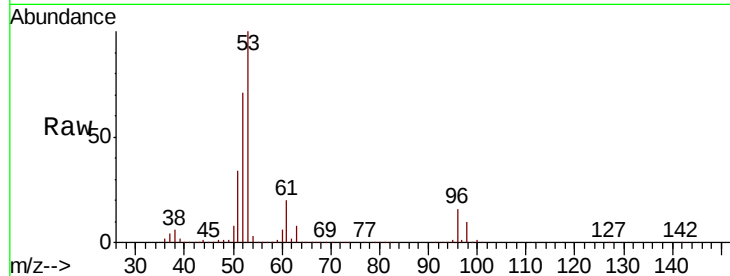
Tot Ion: 53 Resp: 445430

Ion Ratio Lower Upper

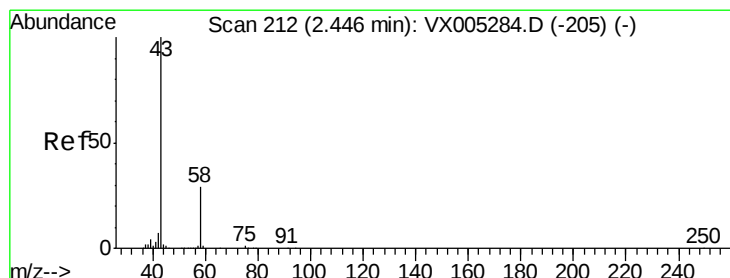
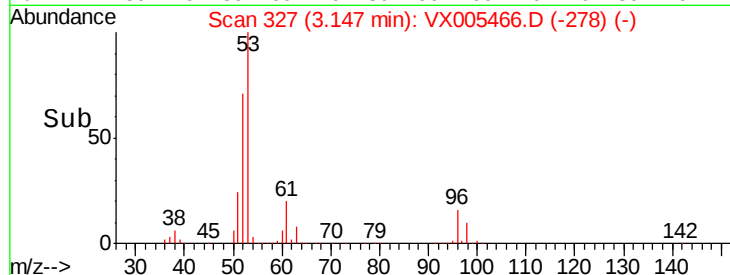
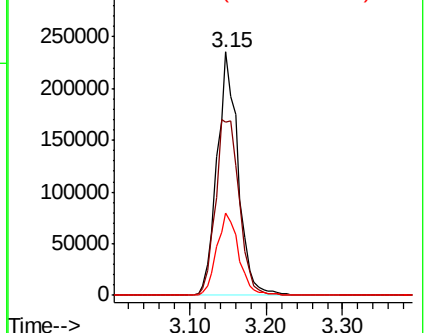
53 100

52 81.8 65.2 97.8

51 35.7 28.2 42.2



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



#16

Acetone

Concen: 236.607 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX005466.D

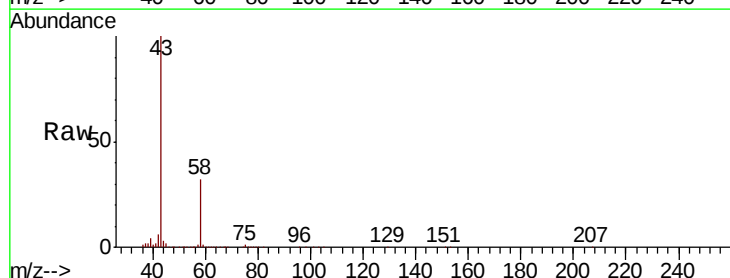
Acq: 22 Oct 2018 13:03

Tgt Ion: 43 Resp: 390624

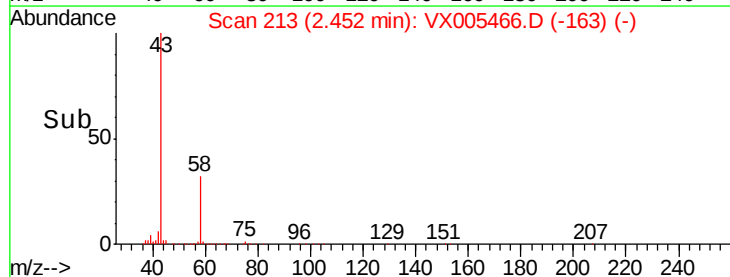
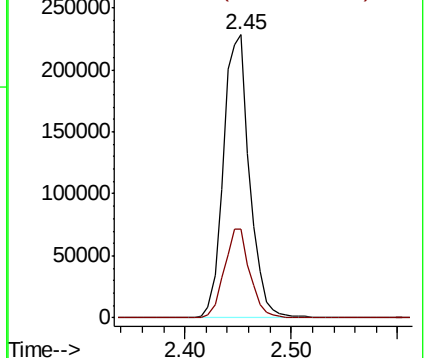
Ion Ratio Lower Upper

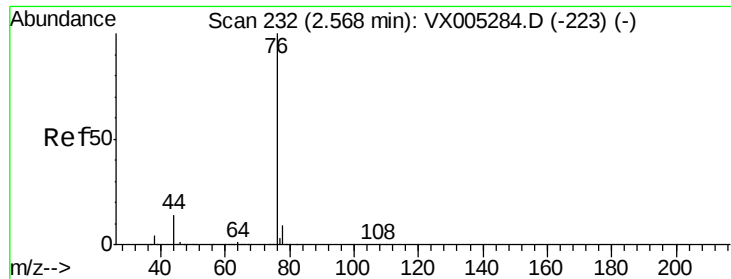
43 100

58 31.5 26.2 39.4



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

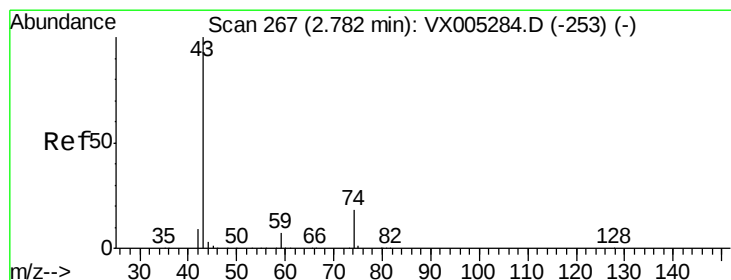
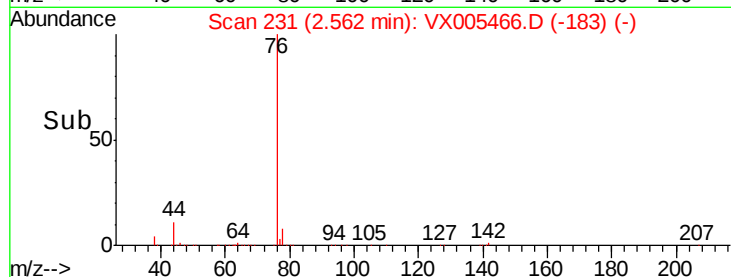
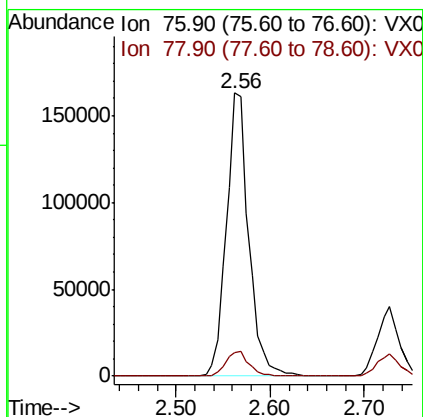
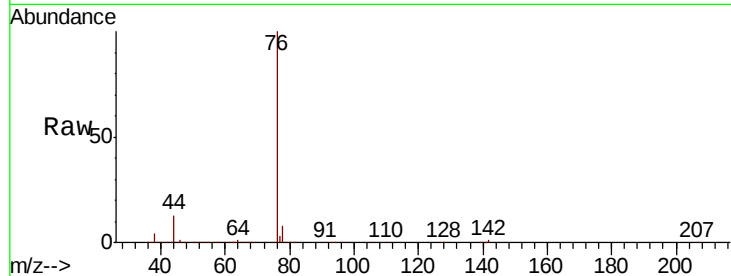




#17
Carbon Disulfide
Concen: 39.362 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX005466.D
Acq: 22 Oct 2018 13:03

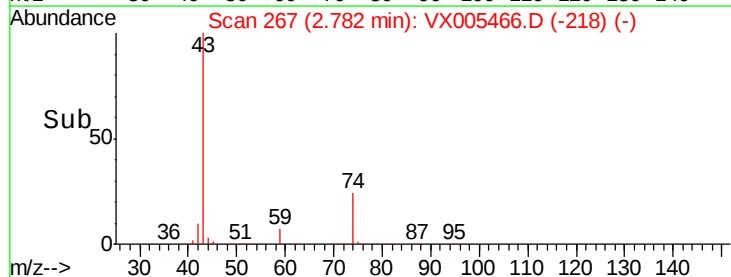
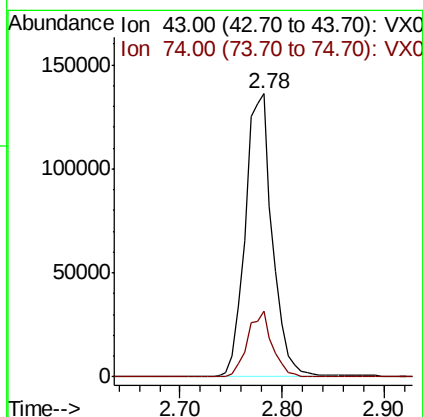
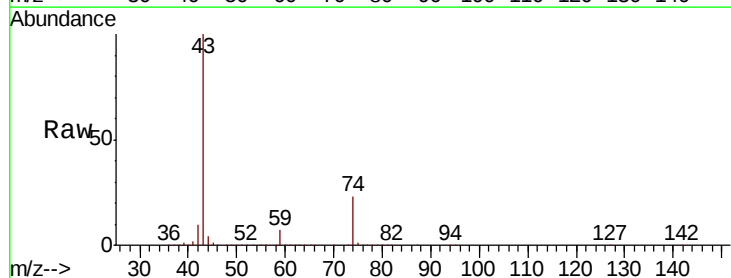
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 76 Resp: 268685
Ion Ratio Lower Upper
76 100
78 8.5 7.0 10.6



#18
Methyl Acetate
Concen: 53.309 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX005466.D
Acq: 22 Oct 2018 13:03

Tgt Ion: 43 Resp: 250385
Ion Ratio Lower Upper
43 100
74 21.0 19.4 29.2

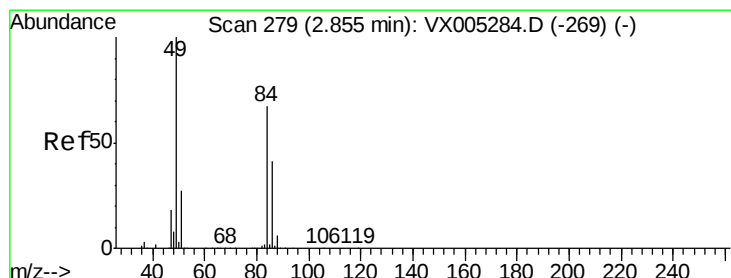
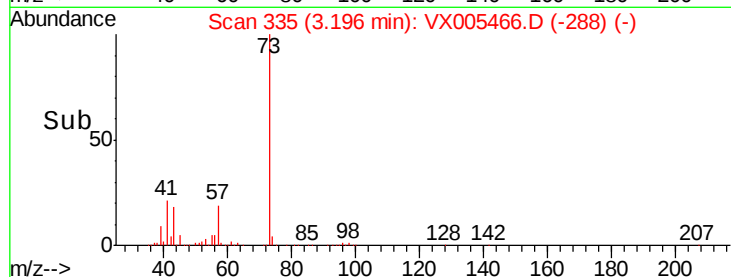
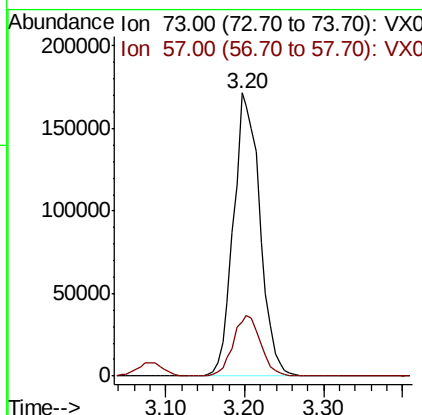
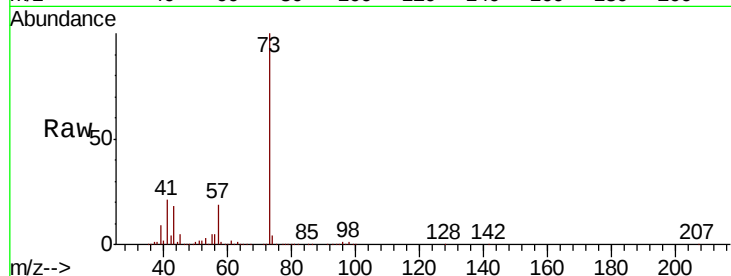




#19
Methvl tert-butvl Ether
Concen: 50.351 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.01 min
Lab File: VX005466.D
Acq: 22 Oct 2018 13:03

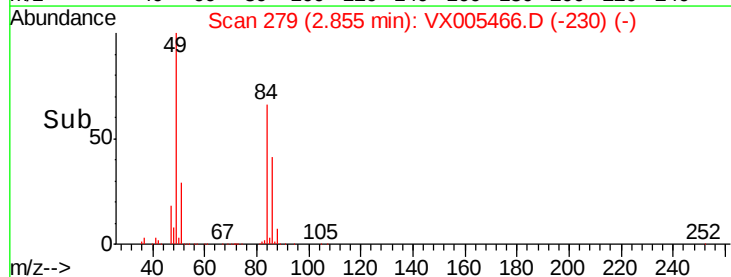
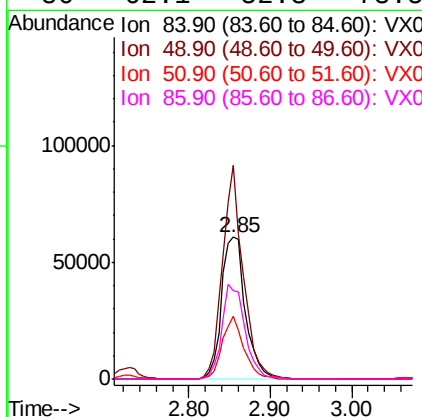
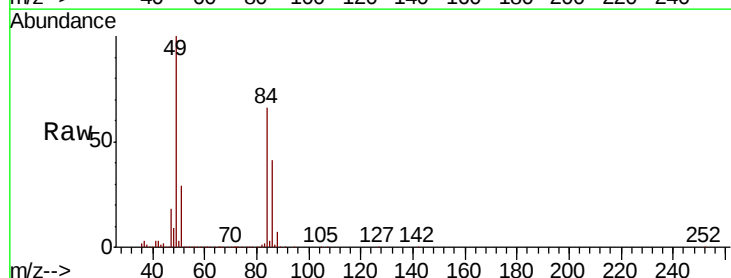
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 399588
Ion Ratio Lower Upper
73 100
57 19.2 17.1 25.7



#20
Methylene Chloride
Concen: 51.247 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX005466.D
Acq: 22 Oct 2018 13:03

Tgt Ion: 84 Resp: 123198
Ion Ratio Lower Upper
84 100
49 150.4 101.2 151.8
51 44.1 29.5 44.3
86 62.1 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 43.406 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX005466.D

Acq: 22 Oct 2018 13:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

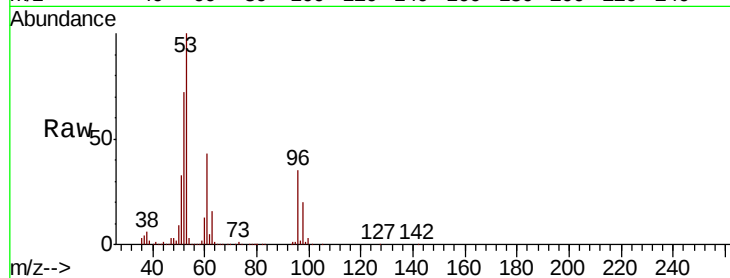
Tot Ion: 96 Resp: 108392

Ion Ratio Lower Upper

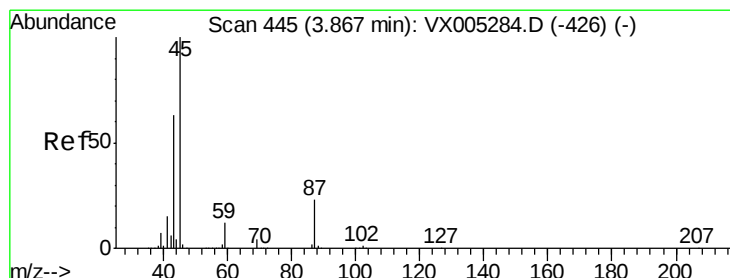
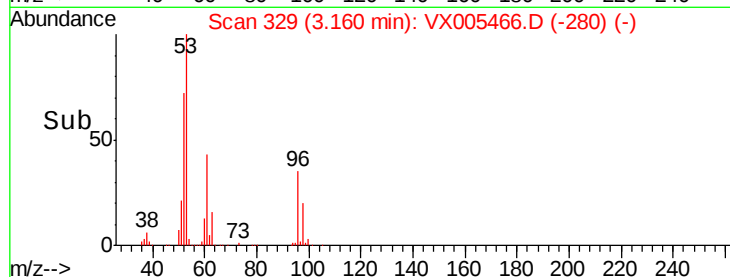
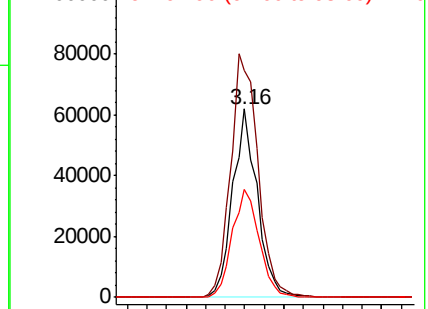
96 100

61 120.5 113.8 170.6

98 57.3 51.8 77.8



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



#22

Diisopropyl ether

Concen: 53.033 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX005466.D

Acq: 22 Oct 2018 13:03

Tgt Ion: 45 Resp: 440671

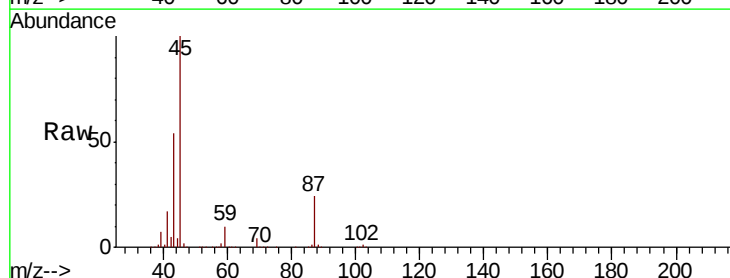
Ion Ratio Lower Upper

45 100

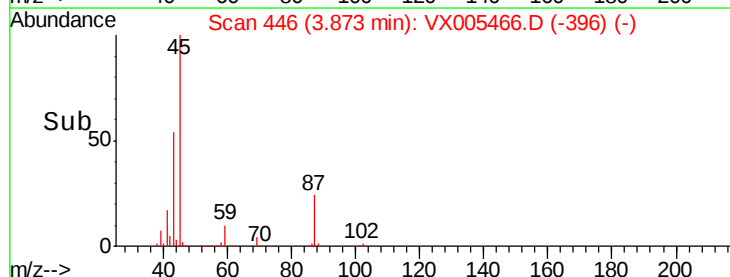
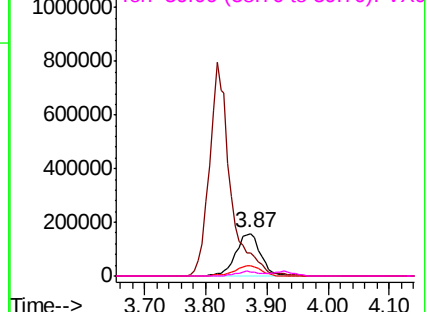
43 53.5 42.8 64.2

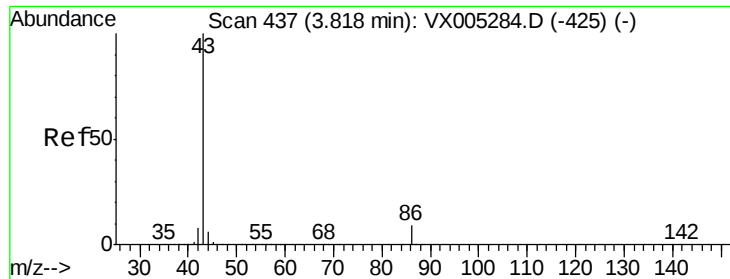
87 23.8 22.6 34.0

59 10.2 9.6 14.4



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: 265.115 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX005466.D

Acq: 22 Oct 2018 13:03

Instrument :

MSVOA_X

ClientSampleId :

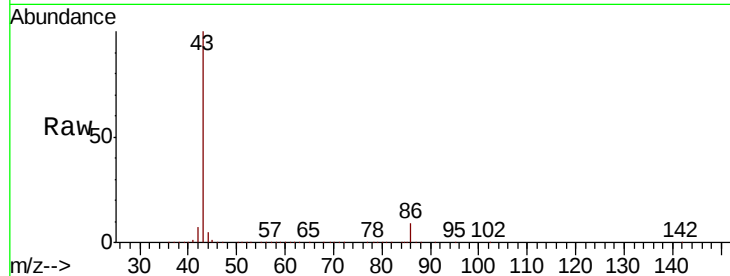
VSTDCCC050

Tot Ion: 43 Resp: 1925459

Ion Ratio Lower Upper

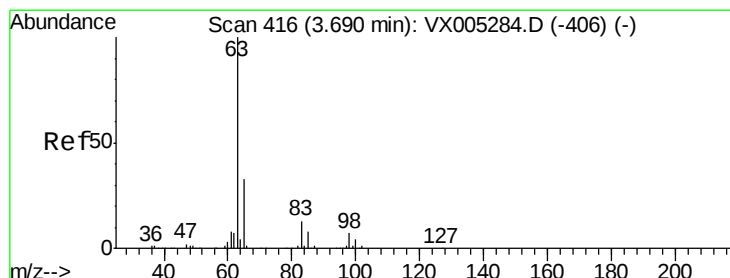
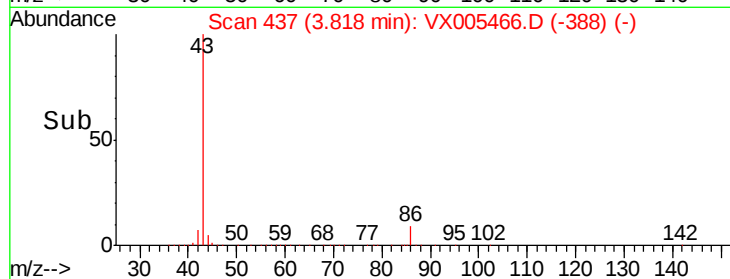
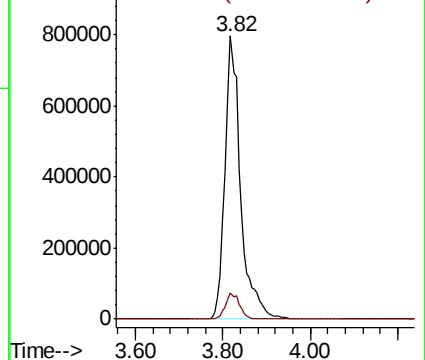
43 100

86 9.3 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 47.191 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005466.D

Acq: 22 Oct 2018 13:03

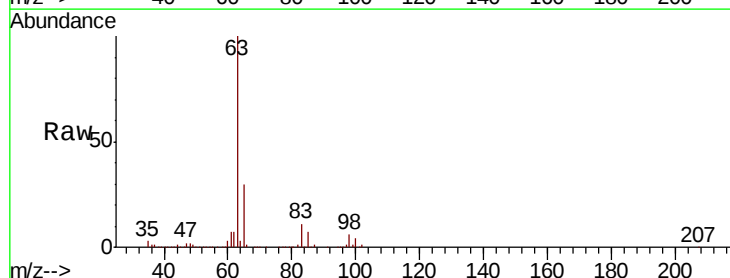
Tgt Ion: 63 Resp: 224734

Ion Ratio Lower Upper

63 100

98 5.5 3.5 10.4

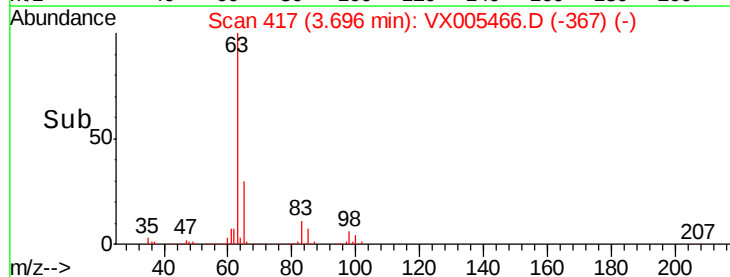
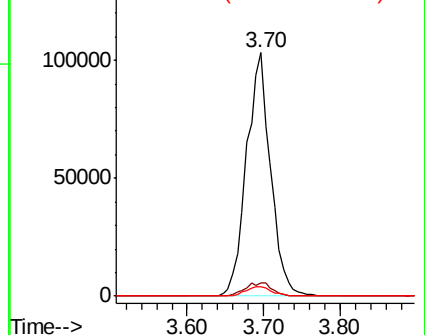
100 3.6 2.4 7.1

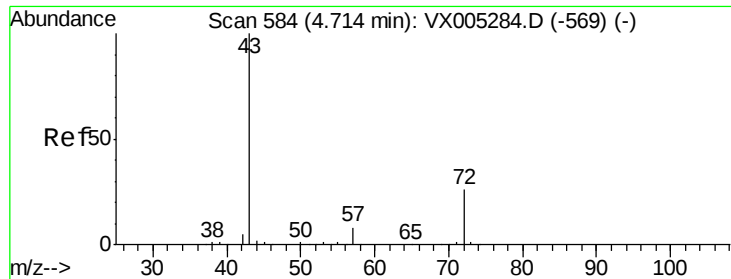


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 266.384 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX005466.D

Acq: 22 Oct 2018 13:03

Instrument :

MSVOA_X

ClientSampled :

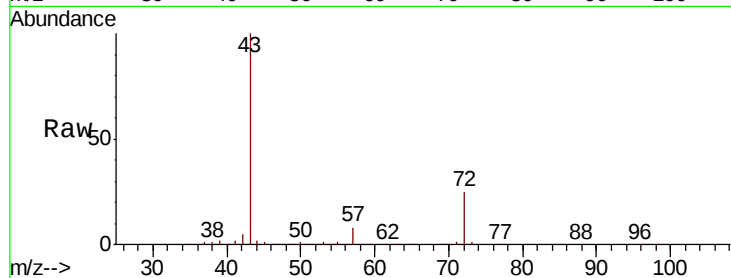
VSTDCCC050

Tot Ion: 43 Resp: 643456

Ion Ratio Lower Upper

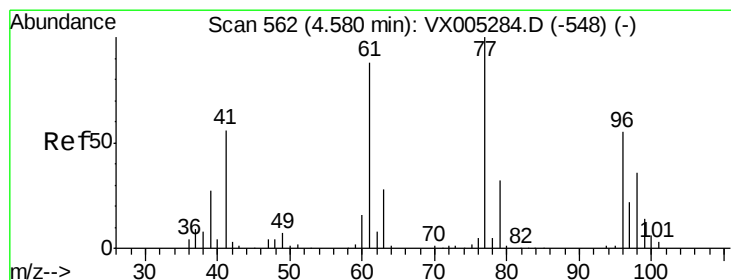
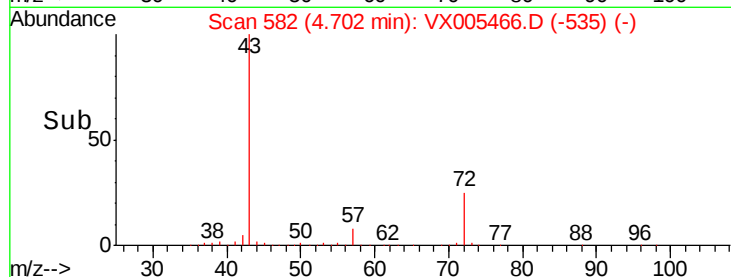
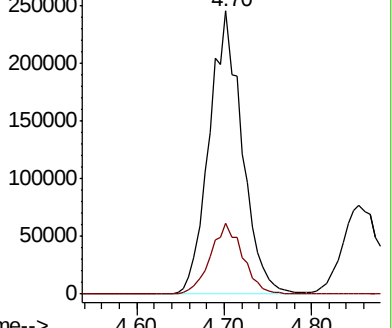
43 100

72 24.9 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 48.551 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX005466.D

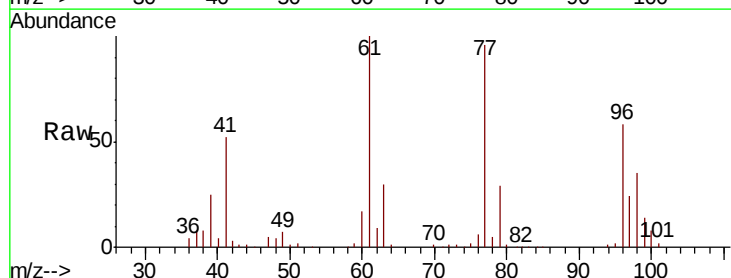
Acq: 22 Oct 2018 13:03

Tgt Ion: 77 Resp: 172919

Ion Ratio Lower Upper

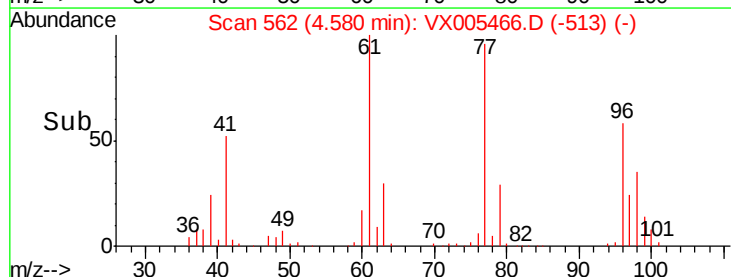
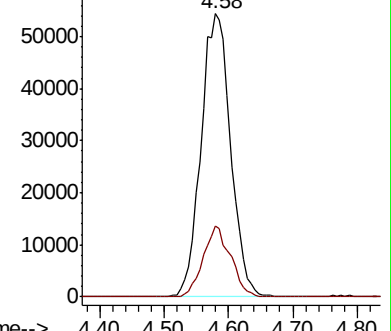
77 100

97 23.3 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



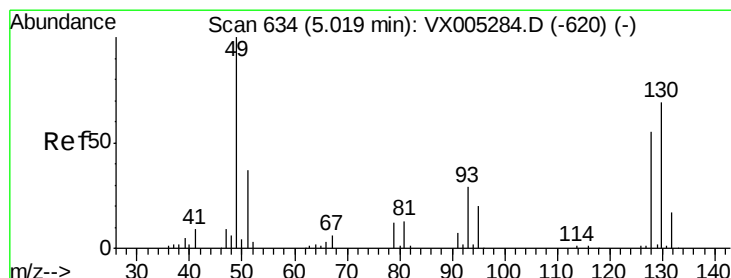
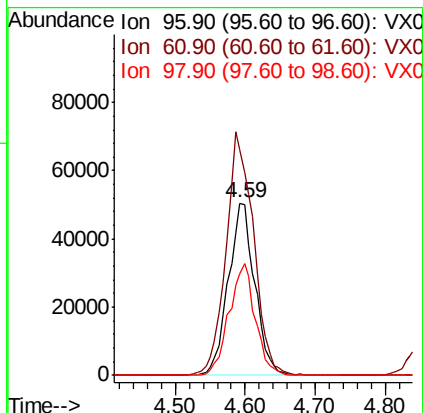
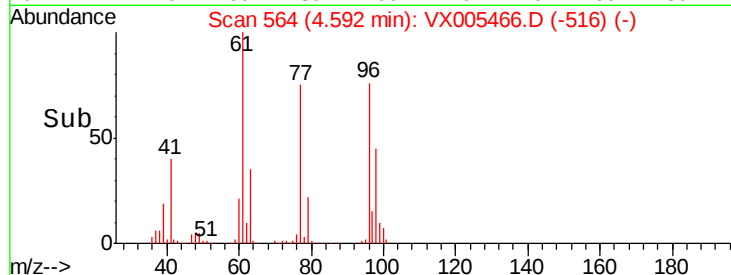
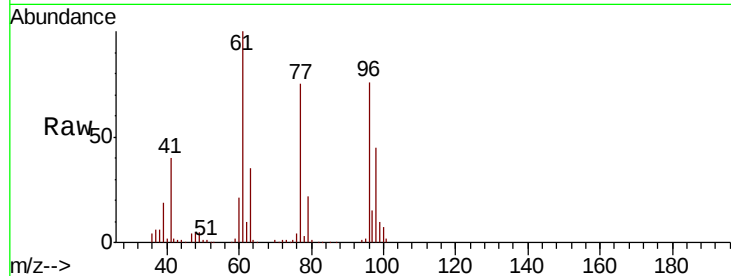


#27

cis-1,2-Dichloroethene
Concen: 48.940 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX005466.D
Acq: 22 Oct 2018 13:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

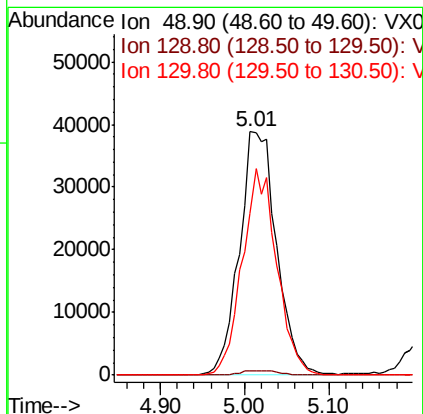
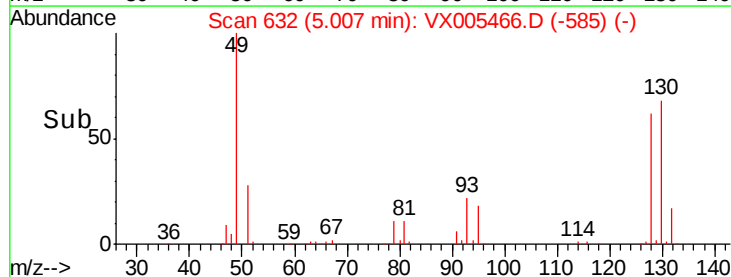
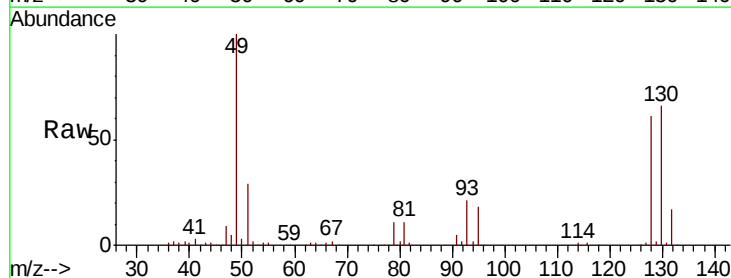
Tot Ion: 96 Resp: 132818
Ion Ratio Lower Upper
96 100
61 146.9 0.0 282.6
98 64.0 0.0 130.2

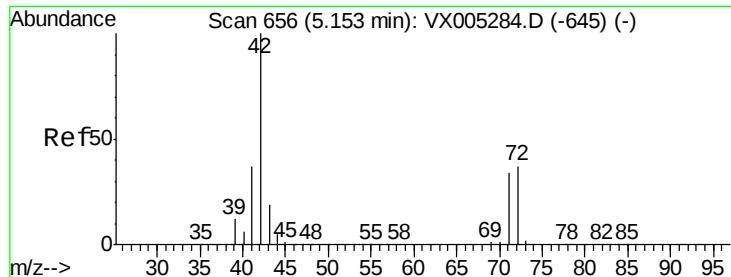


#28

Bromochloromethane
Concen: 53.604 ug/l
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX005466.D
Acq: 22 Oct 2018 13:03

Tgt Ion: 49 Resp: 116373
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.2
130 78.6 67.5 101.3





#29

Tetrahydrofuran

Concen: 268.225 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX005466.D

Acq: 22 Oct 2018 13:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

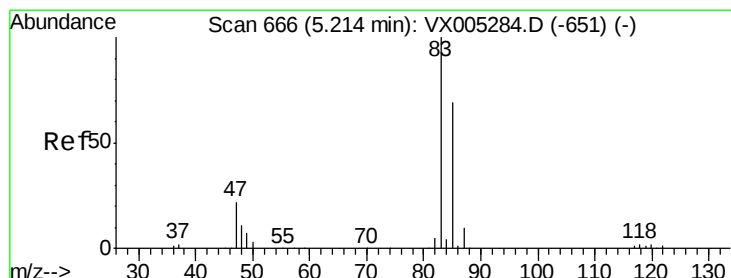
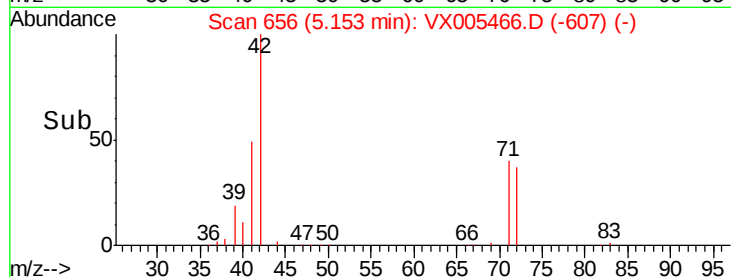
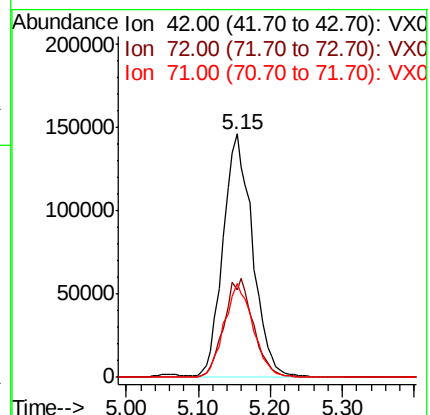
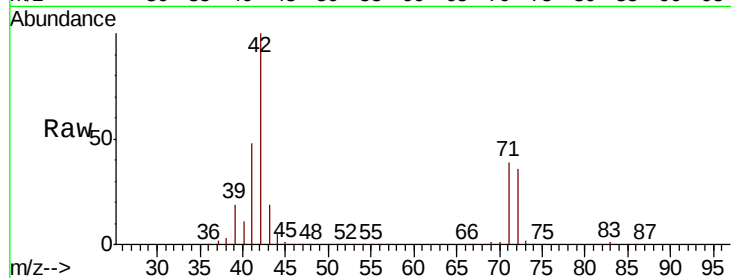
Tot Ion: 42 Resp: 413280

Ion Ratio Lower Upper

42 100

72 41.1 37.4 56.0

71 38.3 34.5 51.7



#30

Chloroform

Concen: 50.871 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX005466.D

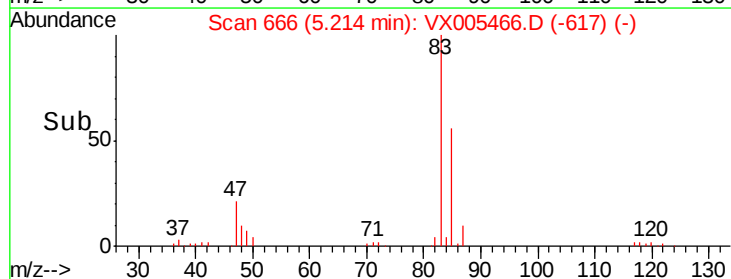
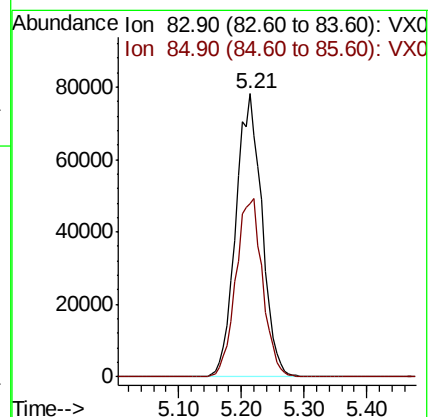
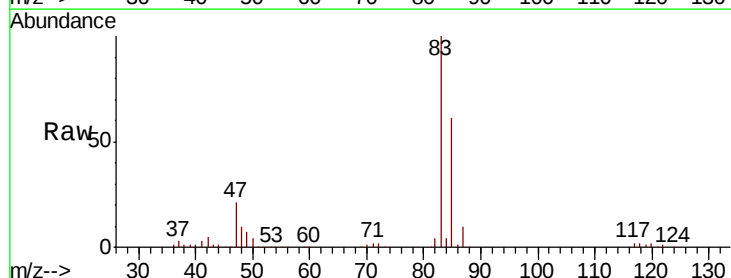
Acq: 22 Oct 2018 13:03

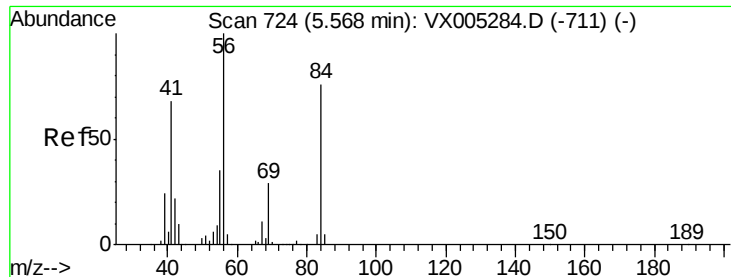
Tgt Ion: 83 Resp: 224863

Ion Ratio Lower Upper

83 100

85 61.1 52.6 79.0

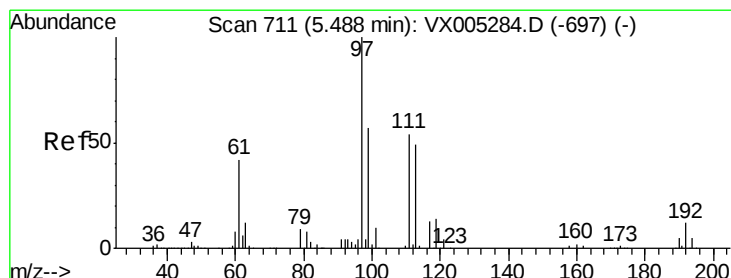
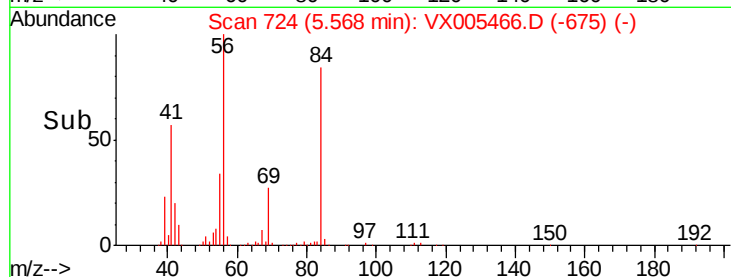
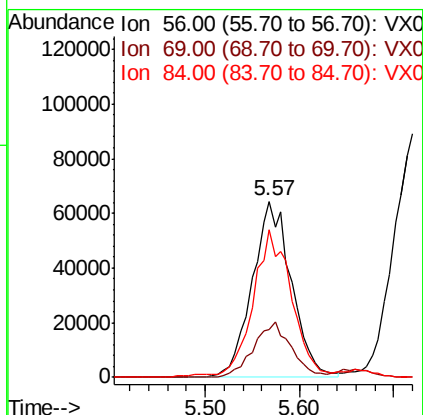
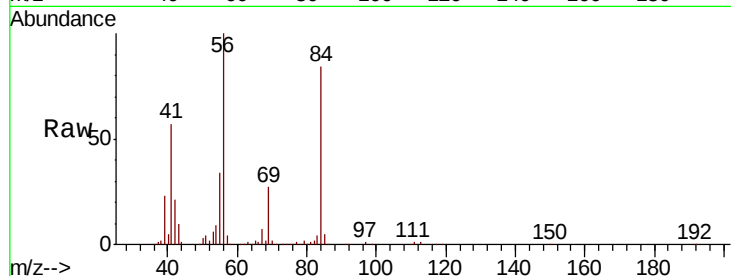




#31
Cyclohexane
Concen: 47.459 ug/l
RT: 5.57 min Scan# 724
Delta R.T. 0.00 min
Lab File: VX005466.D
Acq: 22 Oct 2018 13:03

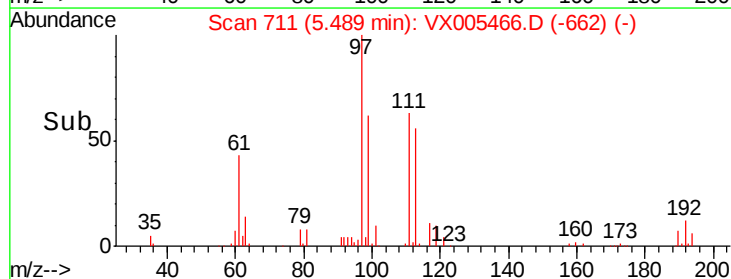
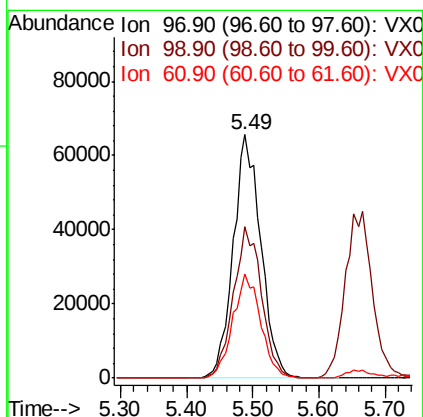
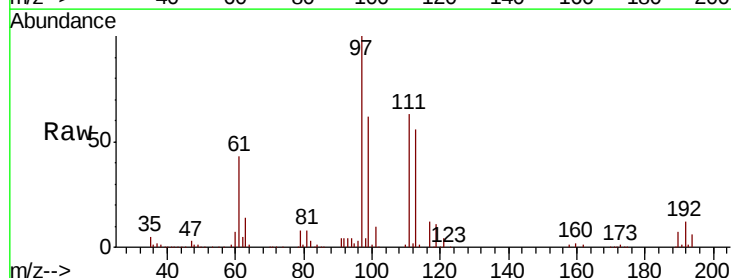
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

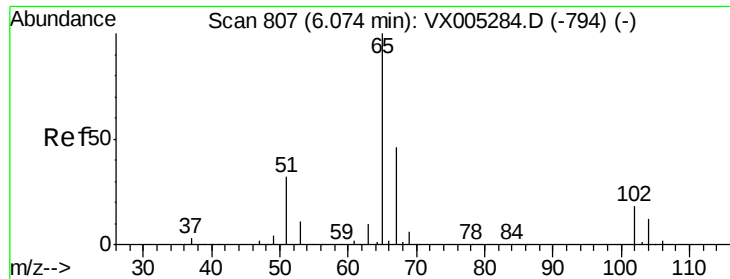
Tot Ion: 56 Resp: 186279
Ion Ratio Lower Upper
56 100
69 27.5 25.4 38.2
84 82.7 71.4 107.2



#32
1,1,1-Trichloroethane
Concen: 49.326 ug/l
RT: 5.49 min Scan# 711
Delta R.T. 0.00 min
Lab File: VX005466.D
Acq: 22 Oct 2018 13:03

Tgt Ion: 97 Resp: 189714
Ion Ratio Lower Upper
97 100
99 63.3 52.0 78.0
61 43.0 34.9 52.3

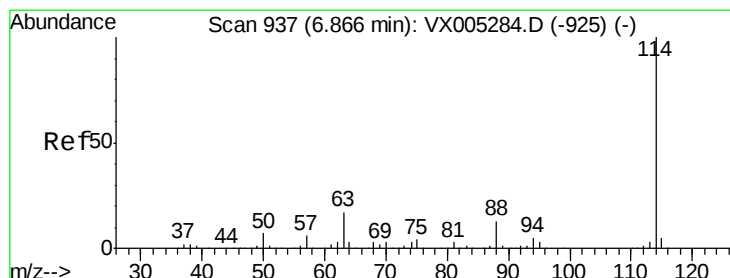
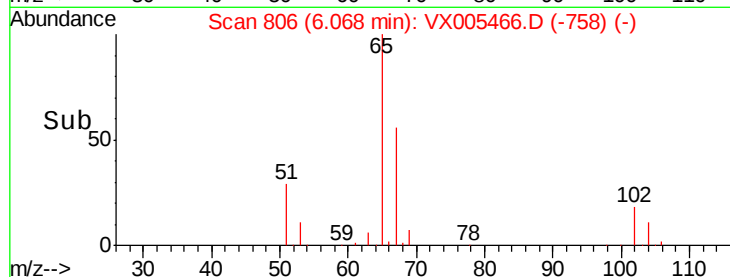
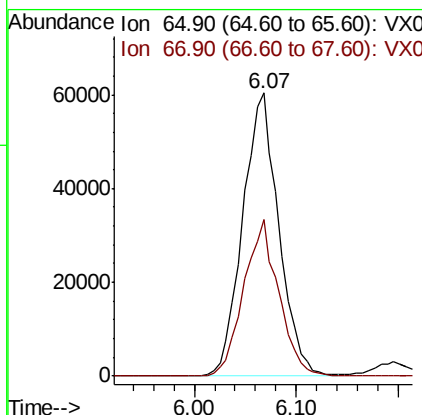
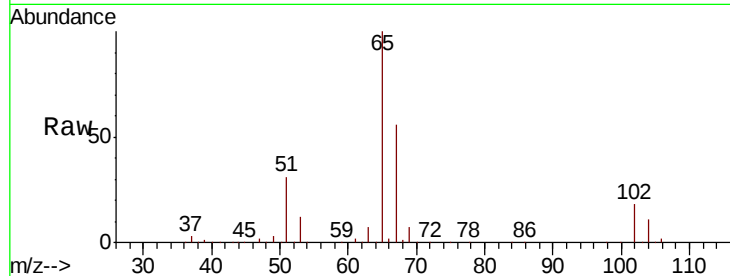




#33
 1,2-Dichloroethane-d4
 Concen: 52.081 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VX005466.D
 Acq: 22 Oct 2018 13:03

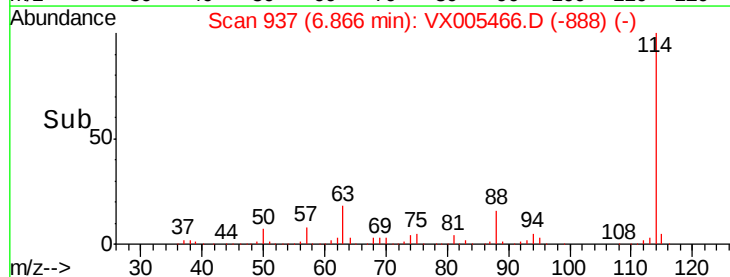
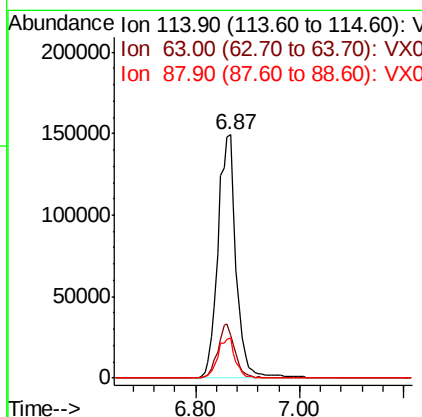
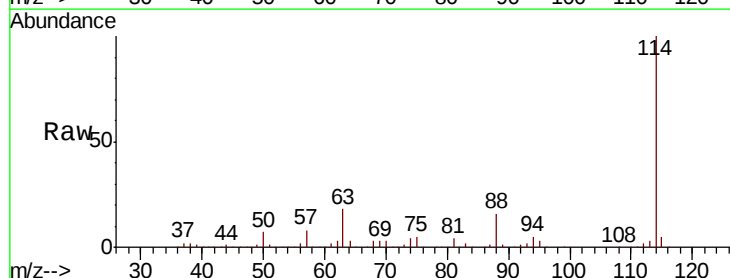
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

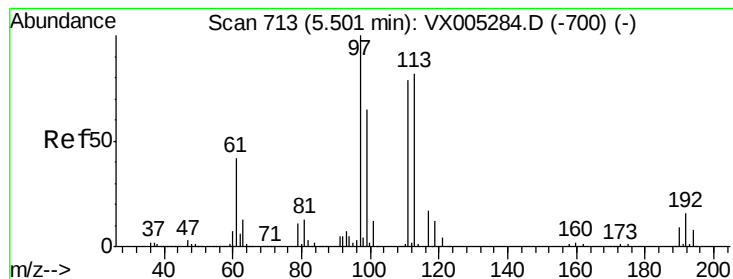
Tot Ion: 65 Resp: 148710
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.00 min
 Lab File: VX005466.D
 Acq: 22 Oct 2018 13:03

Tgt Ion: 114 Resp: 366417
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 39.0
 88 16.2 0.0 30.4





#35

Dibromofluoromethane

Concen: 51.488 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX005466.D

Acq: 22 Oct 2018 13:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

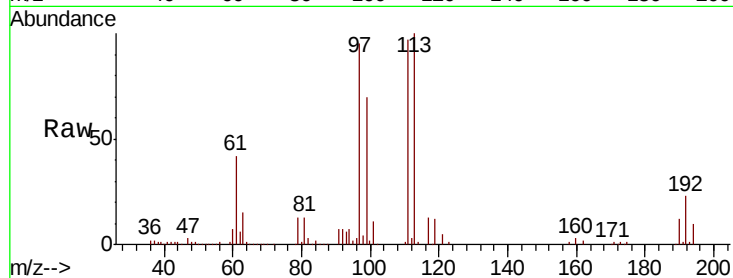
Tot Ion:113 Resp: 124955

Ion Ratio Lower Upper

113 100

111 100.4 82.4 123.6

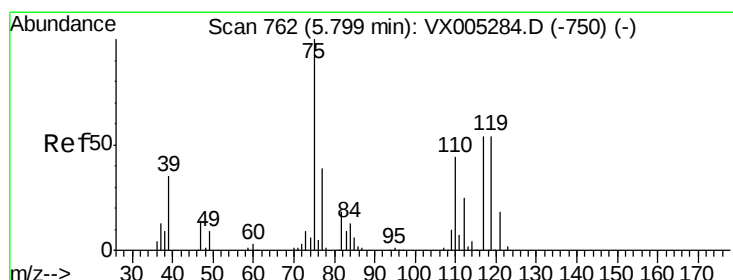
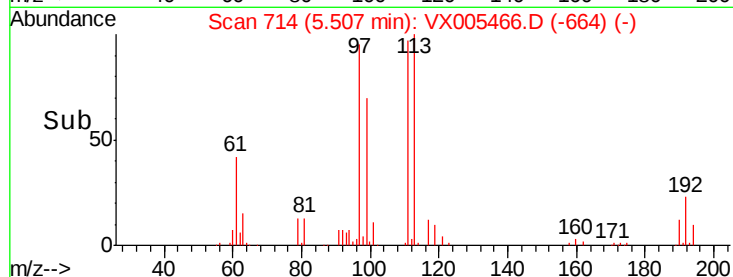
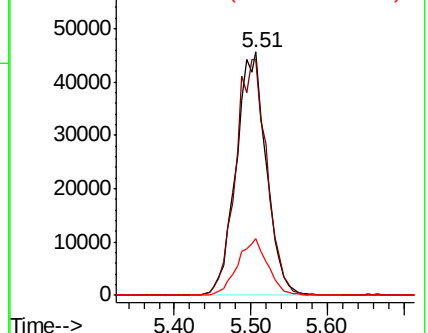
192 23.0 19.4 29.2



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: 44.906 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX005466.D

Acq: 22 Oct 2018 13:03

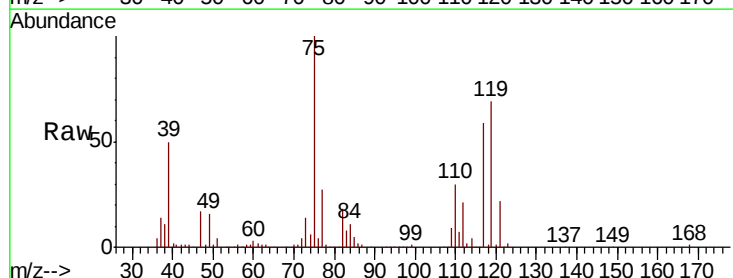
Tgt Ion: 75 Resp: 159359

Ion Ratio Lower Upper

75 100

110 36.3 18.0 54.0

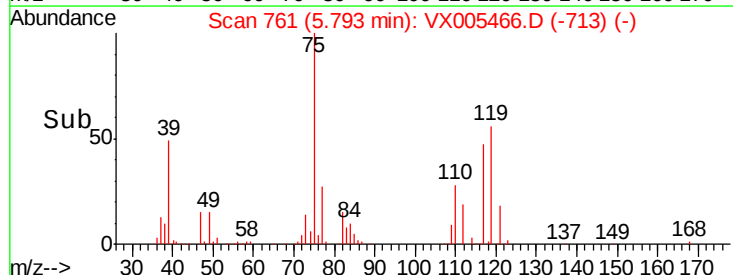
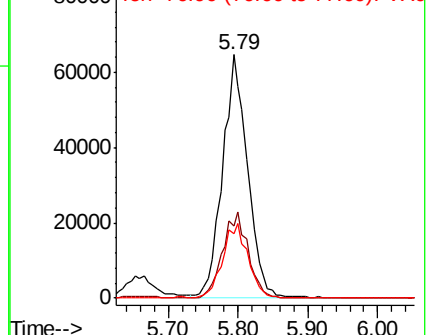
77 31.5 24.6 36.8

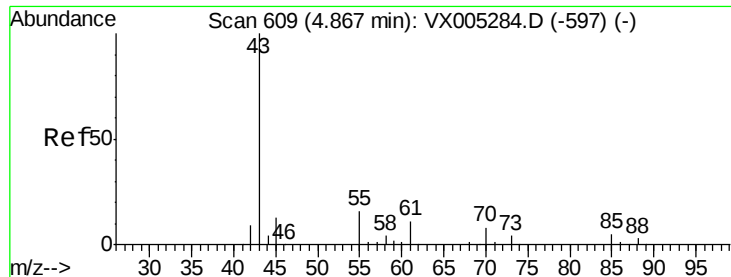


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 49.655 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.01 min

Lab File: VX005466.D

Acq: 22 Oct 2018 13:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

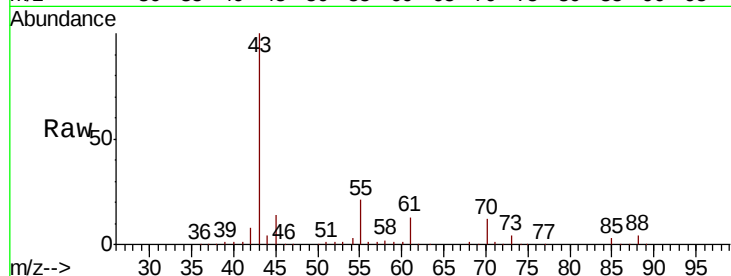
Tot Ion: 43 Resp: 226614

Ion Ratio Lower Upper

43 100

61 13.5 11.5 17.3

70 10.3 9.0 13.6



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

300000

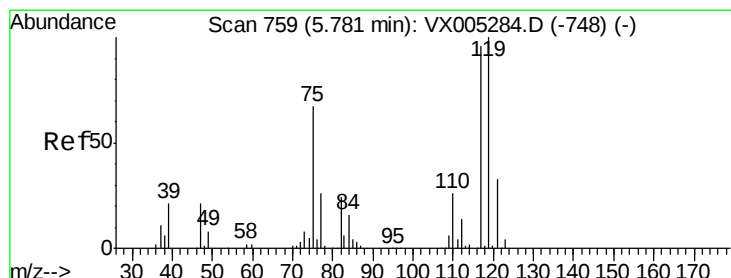
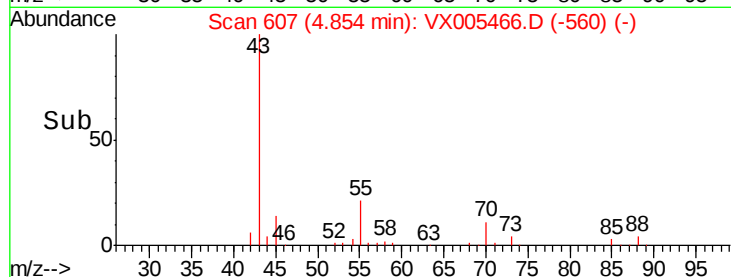
200000

100000

0

4.80 4.85 4.90 5.00

Time-->



#38

Carbon Tetrachloride

Concen: 45.798 ug/l

RT: 5.78 min Scan# 758

Delta R.T. -0.01 min

Lab File: VX005466.D

Acq: 22 Oct 2018 13:03

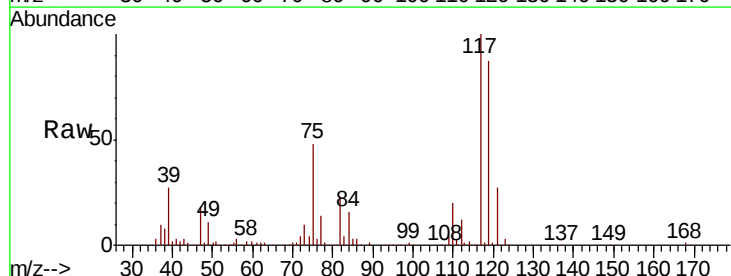
Tgt Ion: 117 Resp: 163303

Ion Ratio Lower Upper

117 100

119 87.3 78.8 118.2

121 26.9 24.9 37.3



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

80000

60000

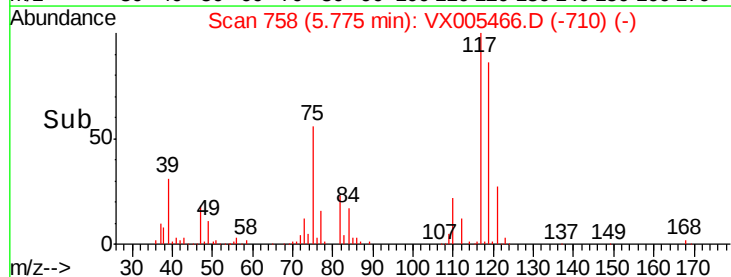
40000

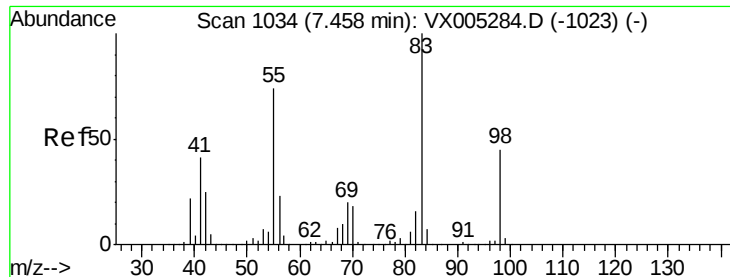
20000

0

5.70 5.78 5.90

Time-->

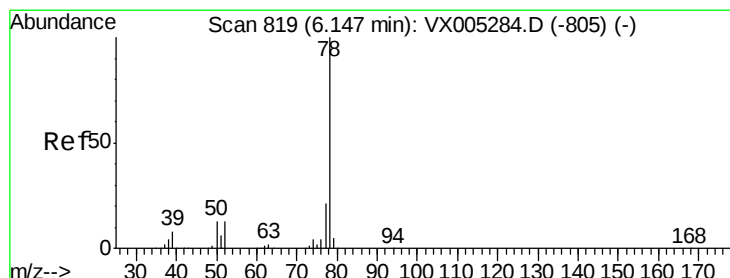
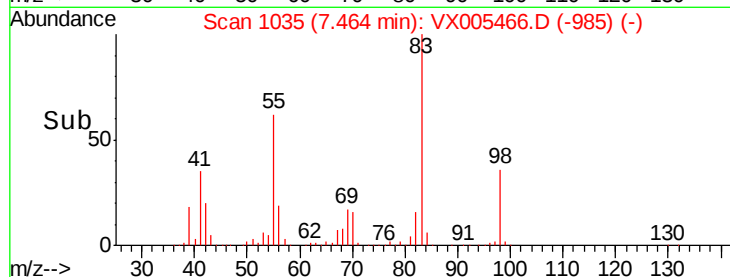
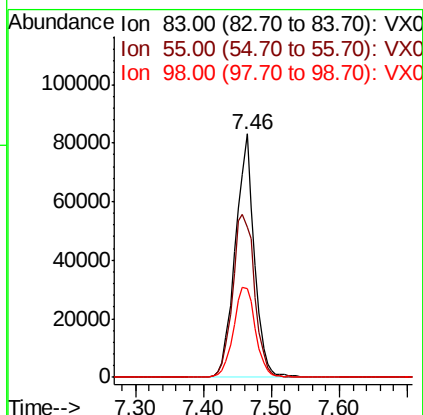
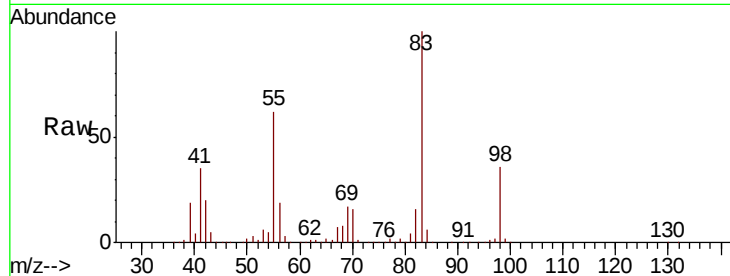




#39
Methvlcvclohexane
Concen: 41.776 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005466.D
Acq: 22 Oct 2018 13:03

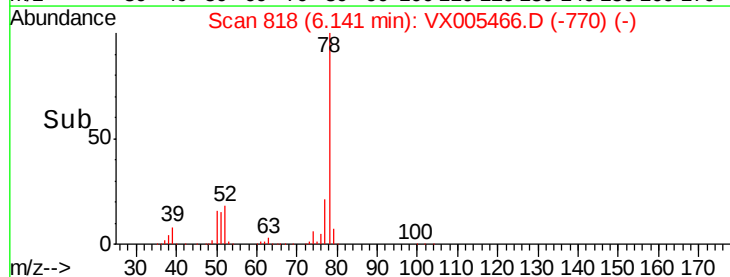
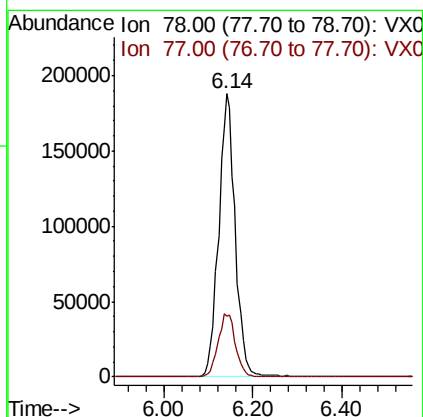
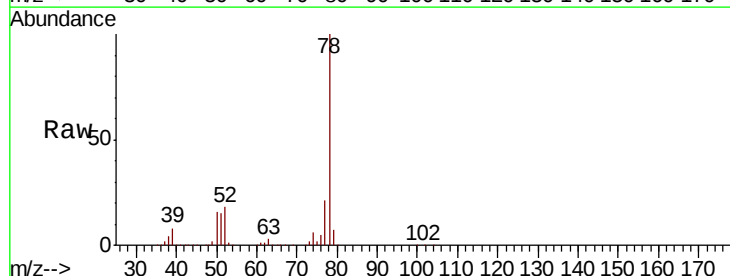
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

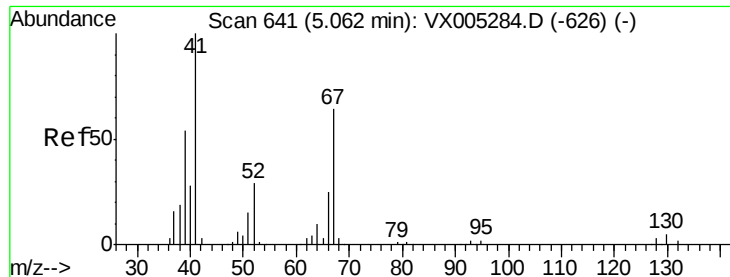
Tot Ion: 83 Resp: 160450
Ion Ratio Lower Upper
83 100
55 61.7 61.0 91.4
98 36.4 39.6 59.4#



#40
Benzene
Concen: 45.640 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX005466.D
Acq: 22 Oct 2018 13:03

Tgt Ion: 78 Resp: 485857
Ion Ratio Lower Upper
78 100
77 21.5 19.0 28.4

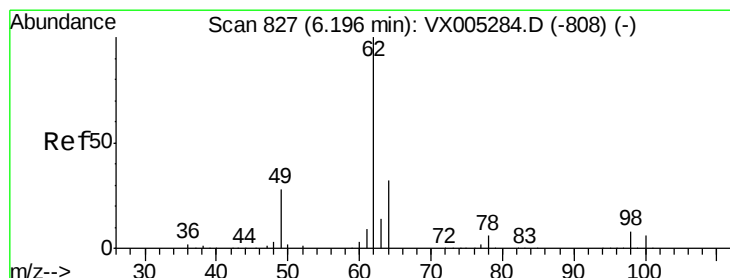
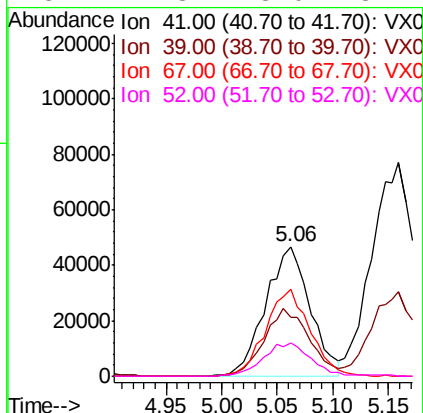
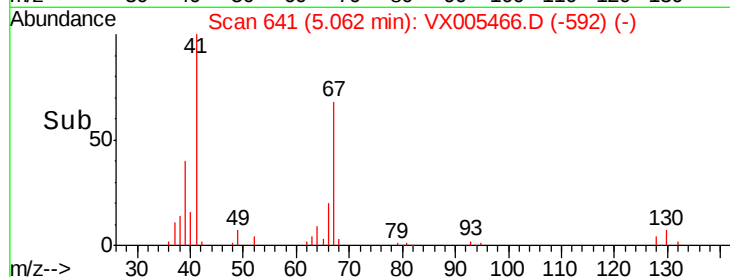
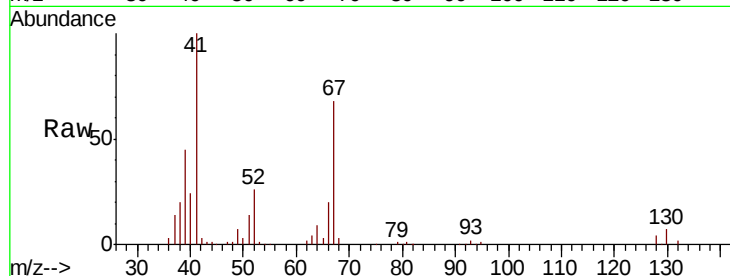




#41
Methacrylonitrile
Concen: 53.130 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX005466.D
Acq: 22 Oct 2018 13:03

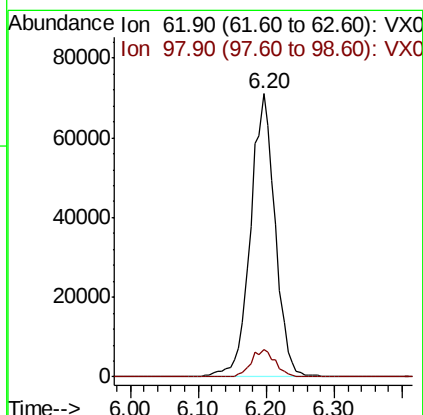
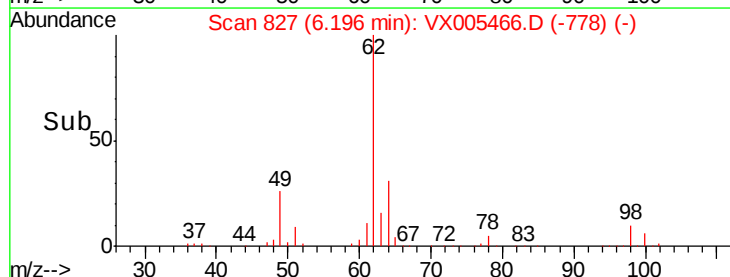
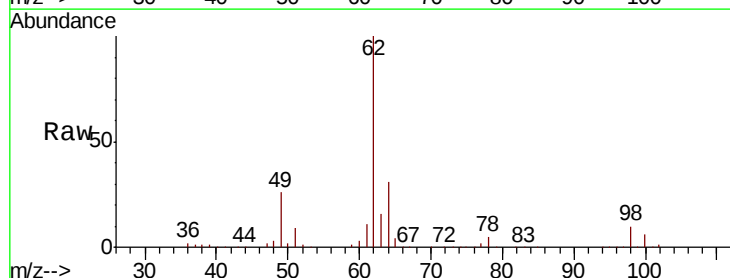
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

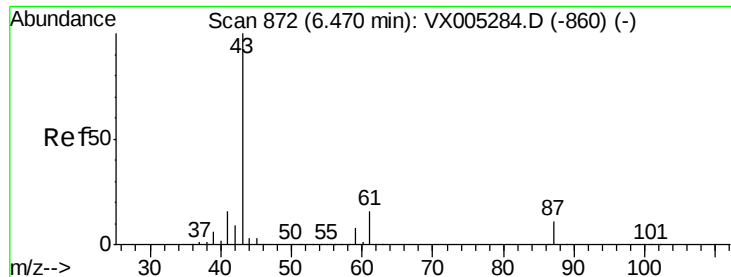
Tot Ion:	41	Resp:	129991
Ion	Ratio	Lower	Upper
41	100		
39	52.4	42.4	63.6
67	67.0	59.2	88.8
52	27.3	23.0	34.4



#42
1,2-Dichloroethane
Concen: 47.434 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX005466.D
Acq: 22 Oct 2018 13:03

Tgt Ion:	62	Resp:	178301
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	20.6



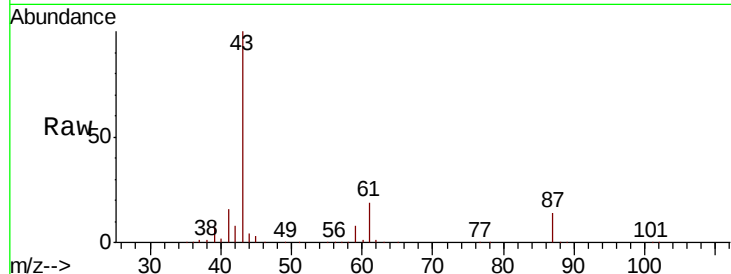


#43

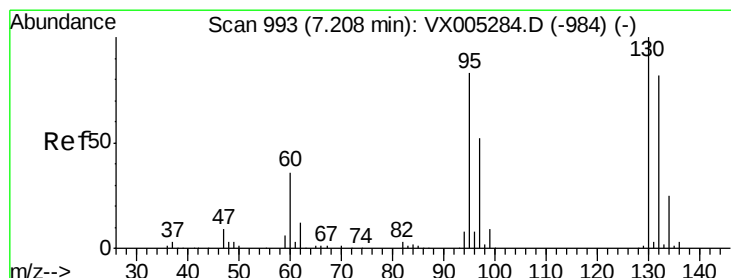
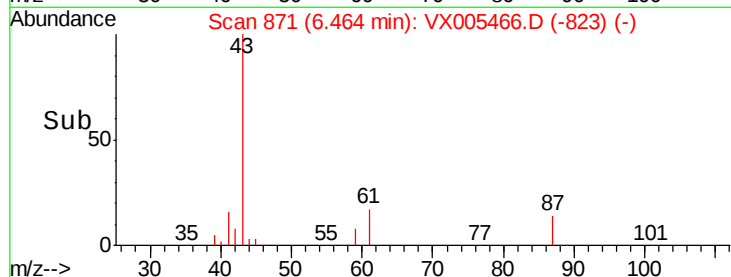
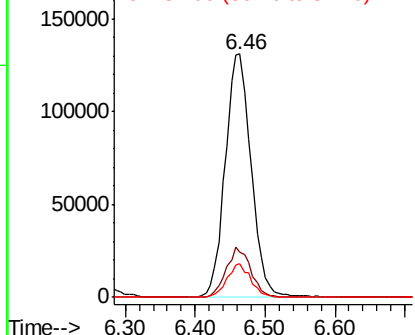
Isopropyl Acetate
 Concen: 55.424 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: VX005466.D
 Acq: 22 Oct 2018 13:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 336941
 Ion Ratio Lower Upper
 43 100
 61 19.7 17.0 25.4
 87 12.8 11.4 17.2



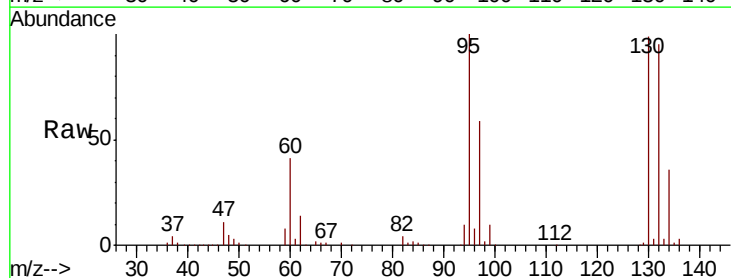
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



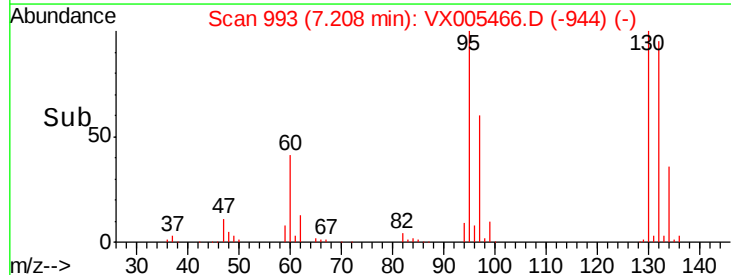
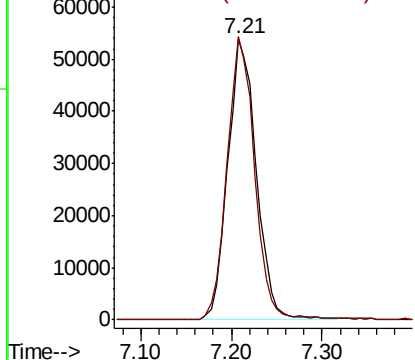
#44

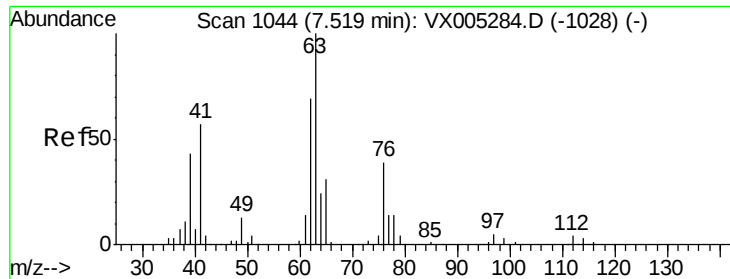
Trichloroethene
 Concen: 43.209 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: VX005466.D
 Acq: 22 Oct 2018 13:03

Tgt Ion:130 Resp: 117679
 Ion Ratio Lower Upper
 130 100
 95 100.7 0.0 181.6



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





#45

1,2-Dichloropropane

Concen: 44.225 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX005466.D

Acq: 22 Oct 2018 13:03

Instrument :

MSVOA_X

ClientSampleId :

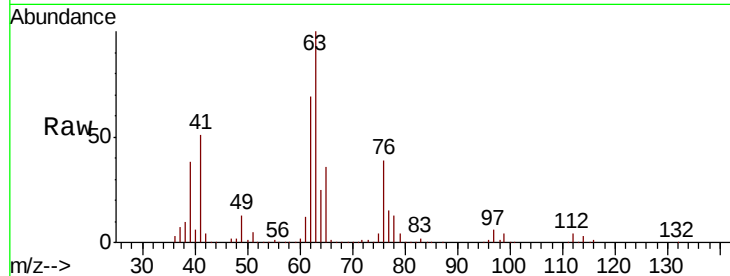
VSTDCCC050

Tot Ion: 63 Resp: 115486

Ion Ratio Lower Upper

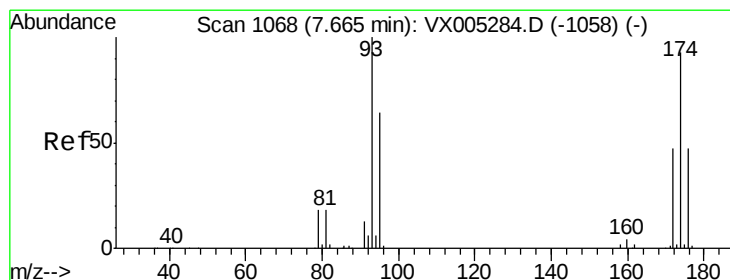
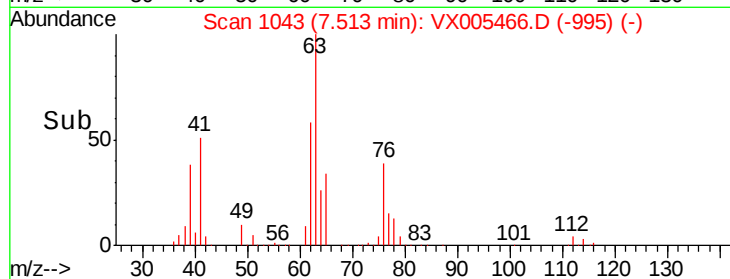
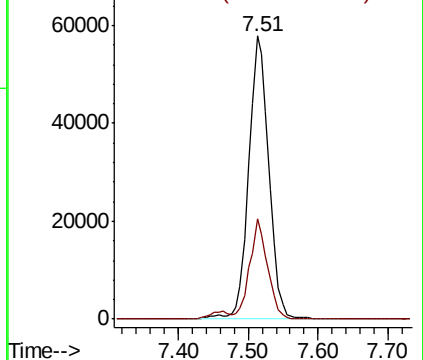
63 100

65 35.5 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 44.887 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VX005466.D

Acq: 22 Oct 2018 13:03

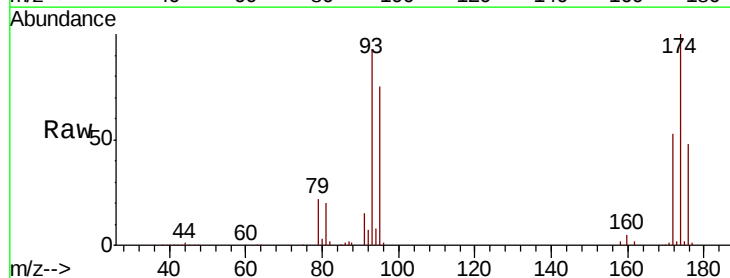
Tgt Ion: 93 Resp: 77362

Ion Ratio Lower Upper

93 100

95 84.0 65.5 98.3

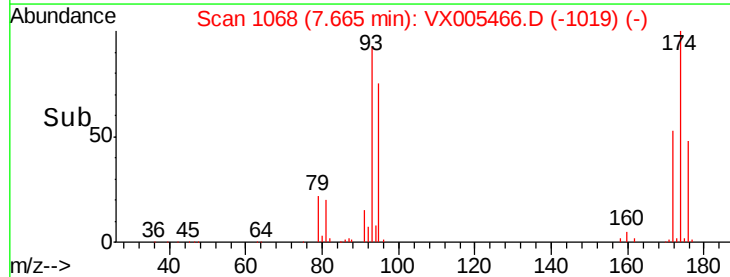
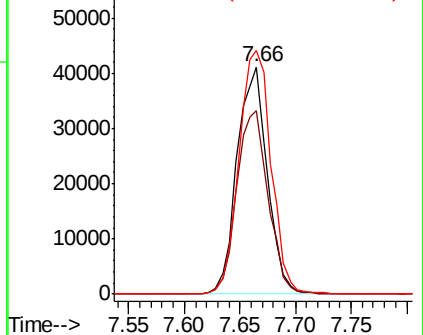
174 114.5 94.2 141.4



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





#47

Bromodichloromethane

Concen: 45.087 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX005466.D

Acq: 22 Oct 2018 13:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

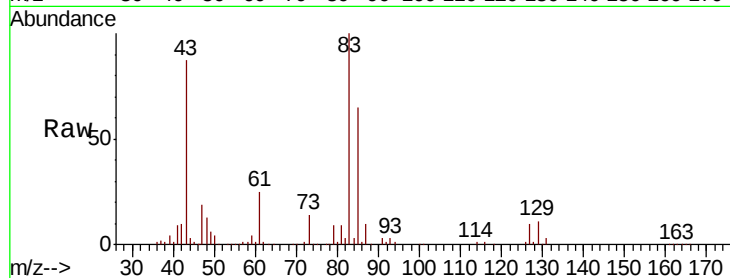
Tot Ion: 83 Resp: 143736

Ion Ratio Lower Upper

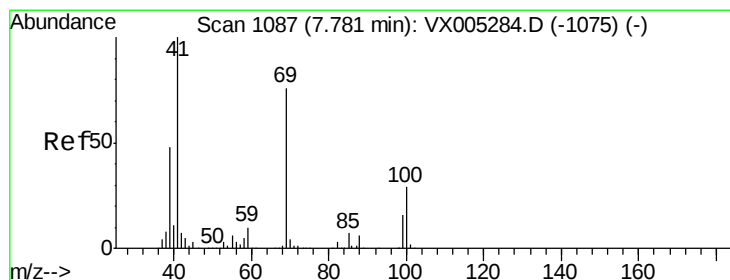
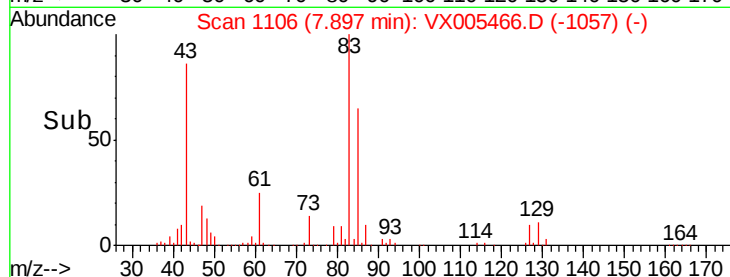
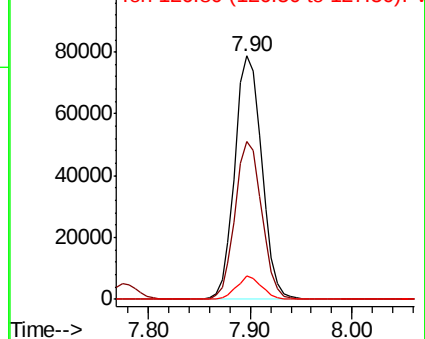
83 100

85 64.8 50.9 76.3

127 9.6 7.3 10.9



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: 47.220 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX005466.D

Acq: 22 Oct 2018 13:03

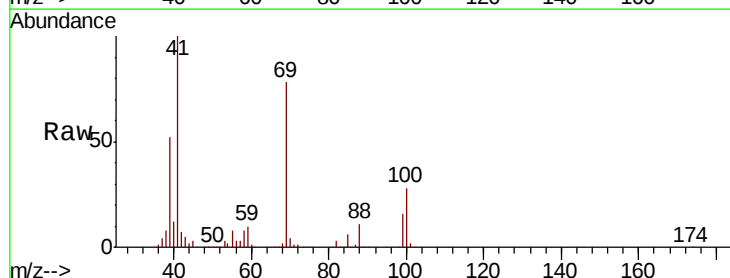
Tgt Ion: 41 Resp: 148888

Ion Ratio Lower Upper

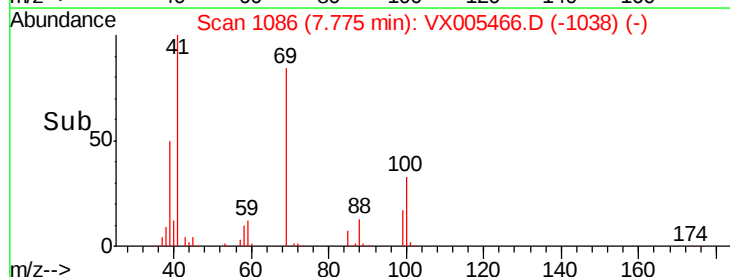
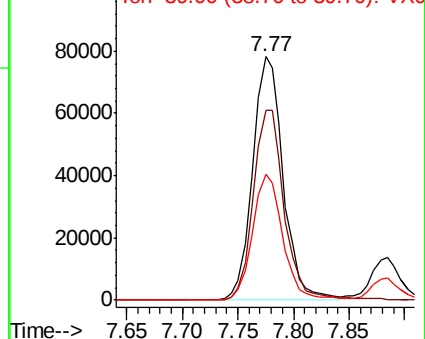
41 100

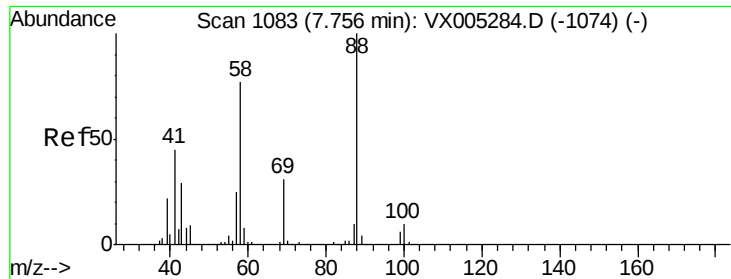
69 79.7 70.2 105.4

39 50.8 42.7 64.1



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

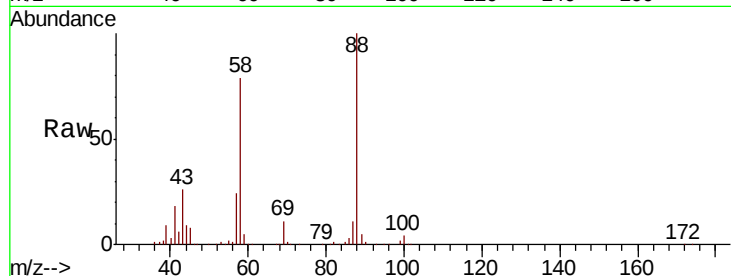




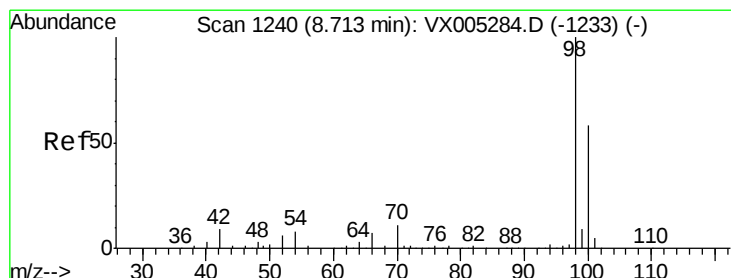
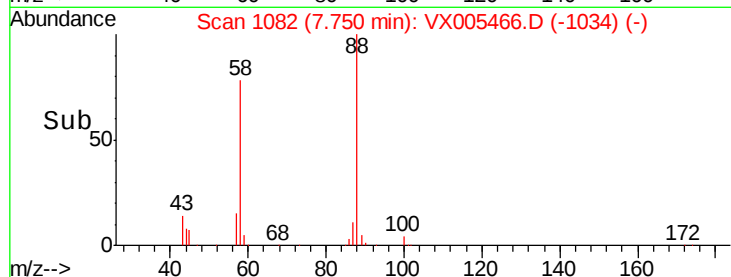
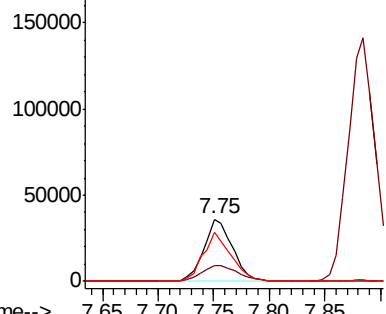
#49
 1,4-Dioxane
 Concen: 880.775 ug/l
 RT: 7.75 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: VX005466.D
 Acq: 22 Oct 2018 13:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 88 Resp: 64054
 Ion Ratio Lower Upper
 88 100
 43 32.3 24.7 37.1
 58 77.1 55.3 82.9

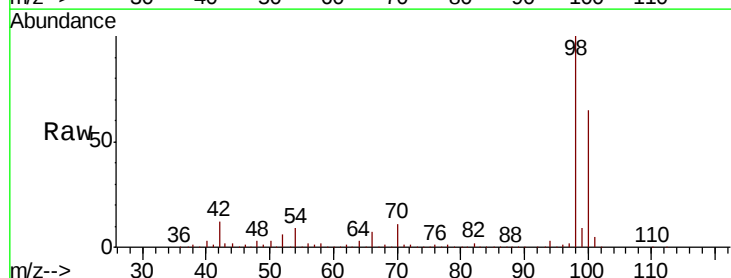


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

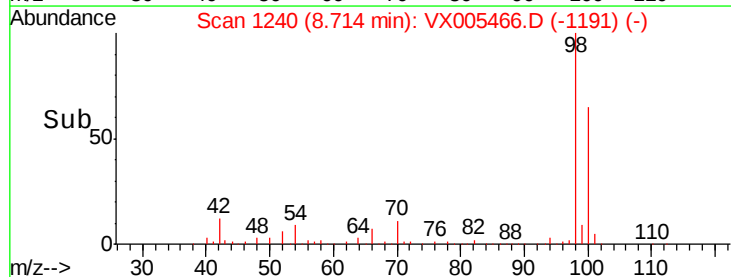
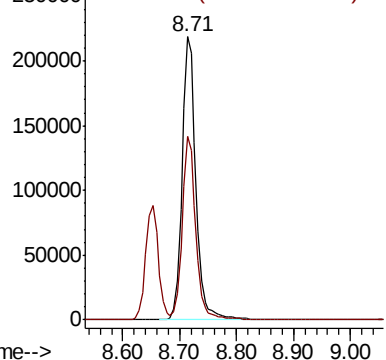


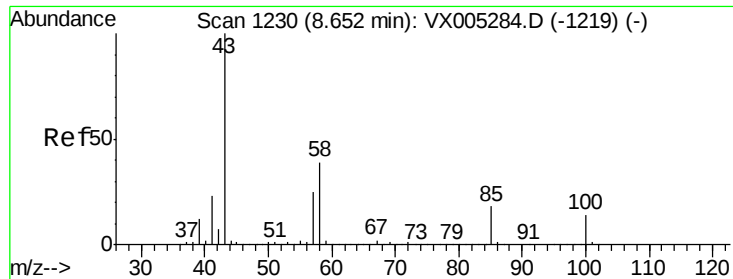
#50
 Toluene-d8
 Concen: 44.223 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX005466.D
 Acq: 22 Oct 2018 13:03

Tgt Ion: 98 Resp: 368453
 Ion Ratio Lower Upper
 98 100
 100 64.1 52.9 79.3



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

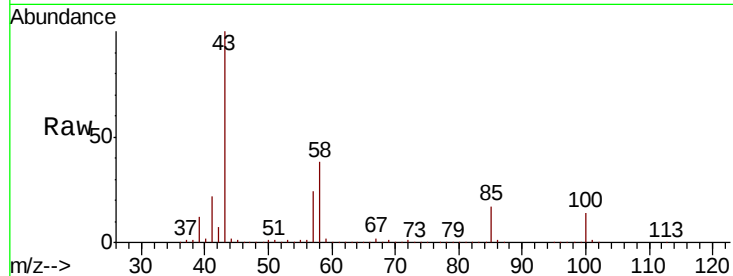




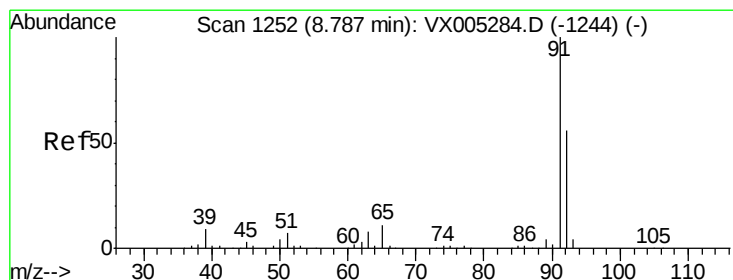
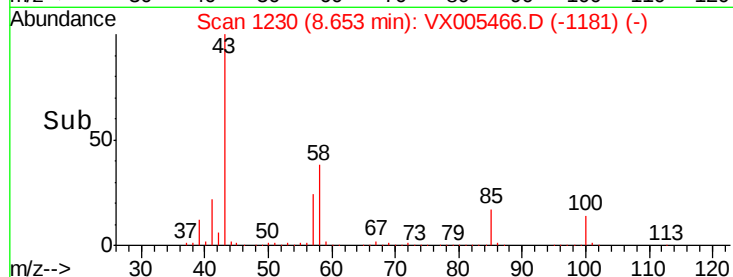
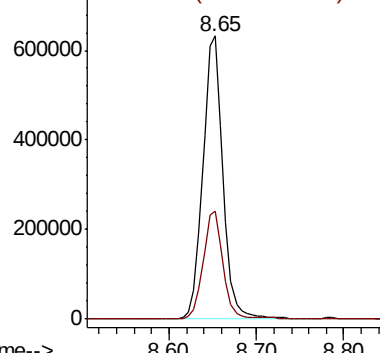
#51
4-Methyl-2-Pentanone
Concen: 240.243 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VX005466.D
Acq: 22 Oct 2018 13:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1011284
Ion Ratio Lower Upper
43 100
58 38.2 33.1 49.7

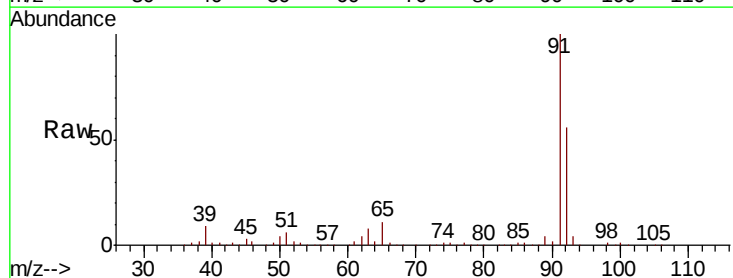


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

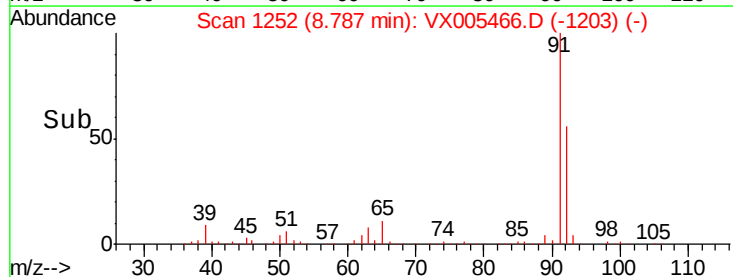
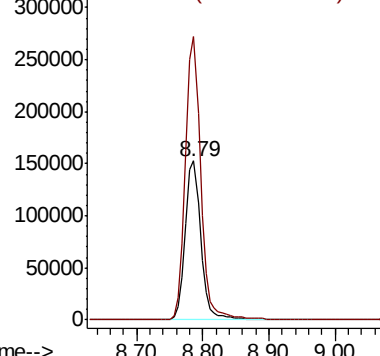


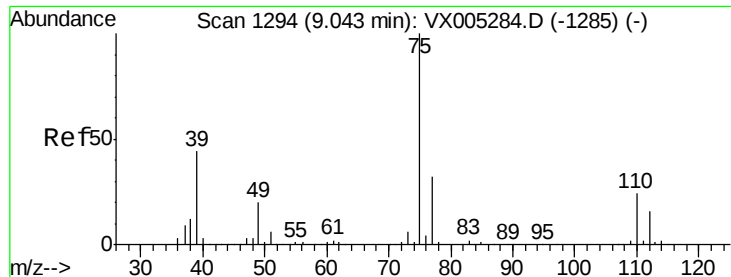
#52
Toluene
Concen: 43.055 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX005466.D
Acq: 22 Oct 2018 13:03

Tgt Ion: 92 Resp: 250754
Ion Ratio Lower Upper
92 100
91 175.8 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0
Ion 91.00 (90.70 to 91.70): VX0

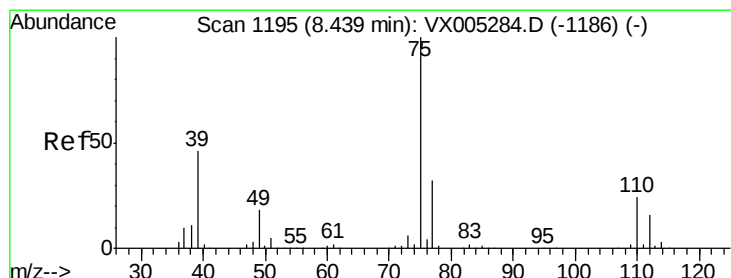
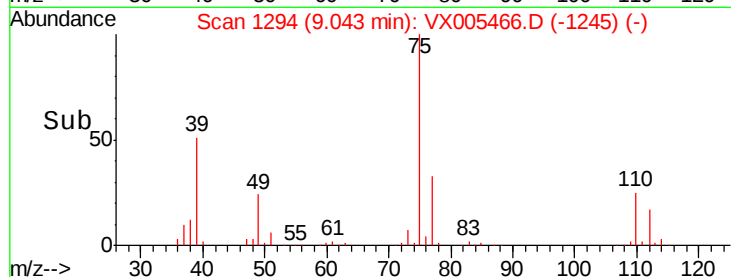
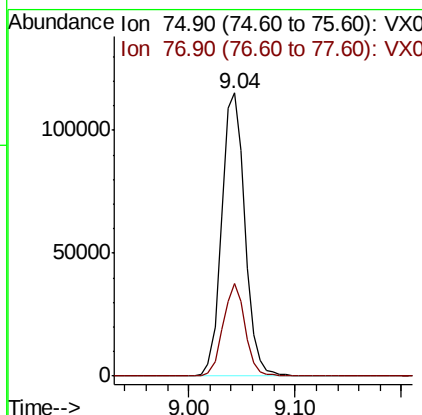
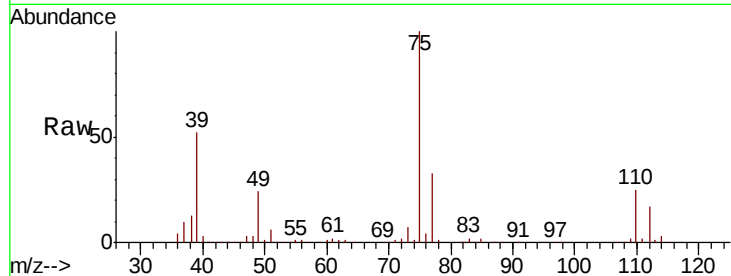




#53
t-1,3-Dichloropropene
Concen: 51.059 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX005466.D
Acq: 22 Oct 2018 13:03

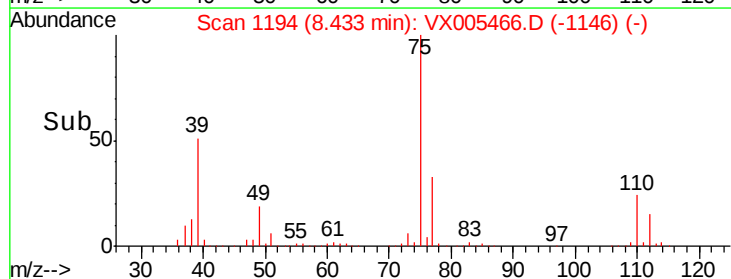
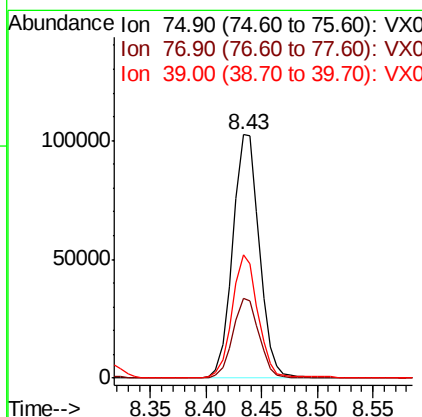
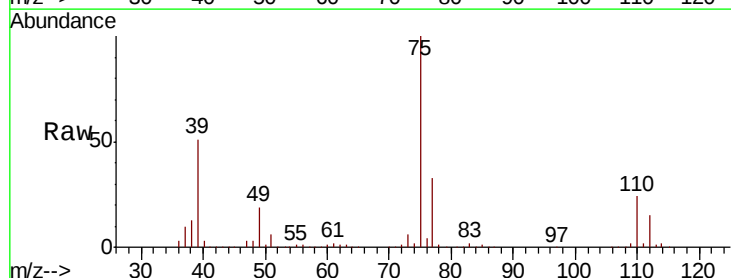
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

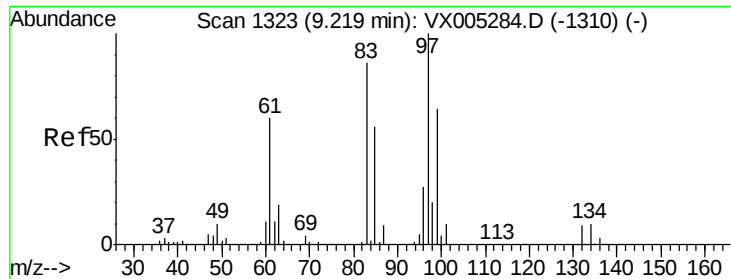
Tot Ion: 75 Resp: 176157
Ion Ratio Lower Upper
75 100
77 32.8 24.6 37.0



#54
cis-1,3-Dichloropropene
Concen: 45.431 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.01 min
Lab File: VX005466.D
Acq: 22 Oct 2018 13:03

Tgt Ion: 75 Resp: 169833
Ion Ratio Lower Upper
75 100
77 32.7 26.2 39.2
39 50.6 36.4 54.6

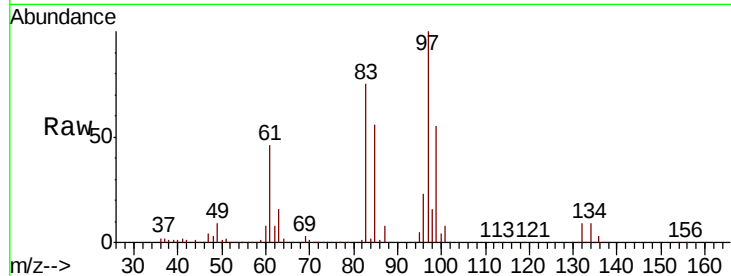




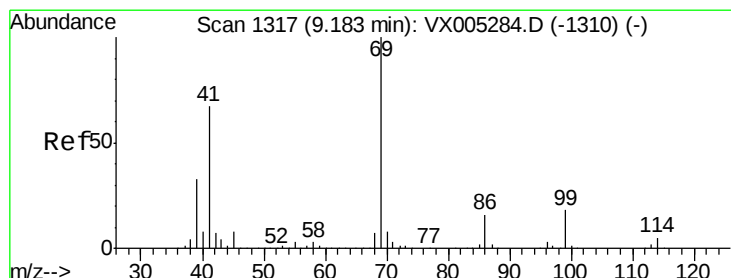
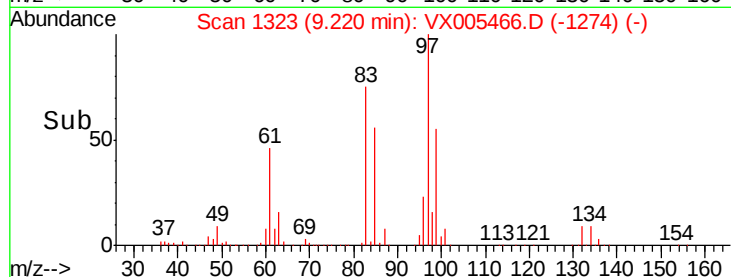
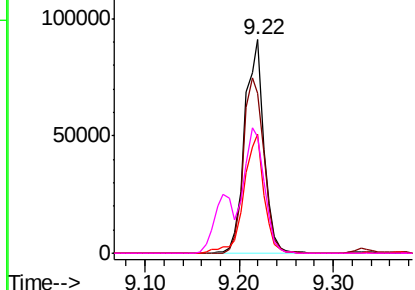
#55
 1,1,2-Trichloroethane
 Concen: 52.453 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX005466.D
 Acq: 22 Oct 2018 13:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	129392
Ion	Ratio	Lower	Upper
97	100		
83	75.2	66.4	99.6
85	55.7	43.3	64.9
99	54.8	49.0	73.4

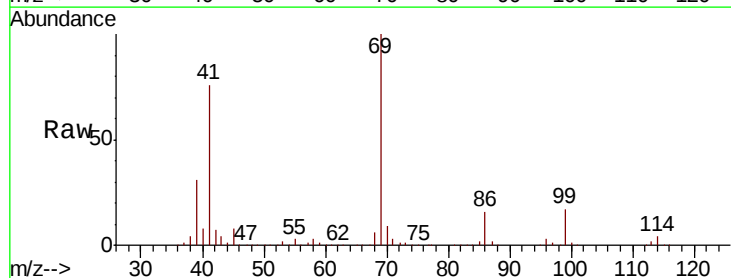


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

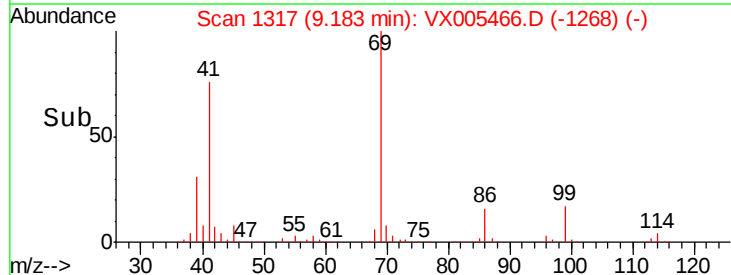
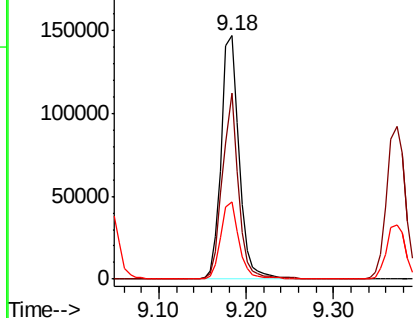


#56
 Ethyl methacrylate
 Concen: 57.764 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005466.D
 Acq: 22 Oct 2018 13:03

Tgt Ion:	69	Resp:	207727
Ion	Ratio	Lower	Upper
69	100		
41	68.1	51.0	76.4
39	32.2	26.1	39.1



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: 53.958 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX005466.D

Acq: 22 Oct 2018 13:03

Instrument :

MSVOA_X

ClientSampleId :

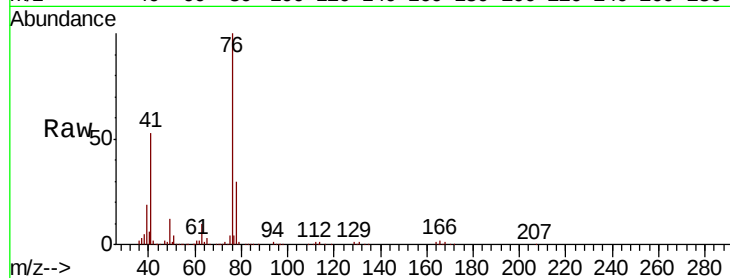
VSTDCCC050

Tot Ion: 76 Resp: 222160

Ion Ratio Lower Upper

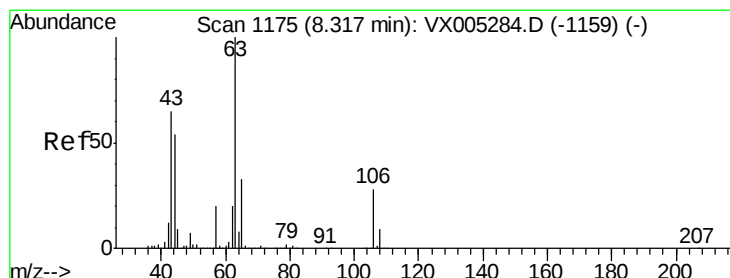
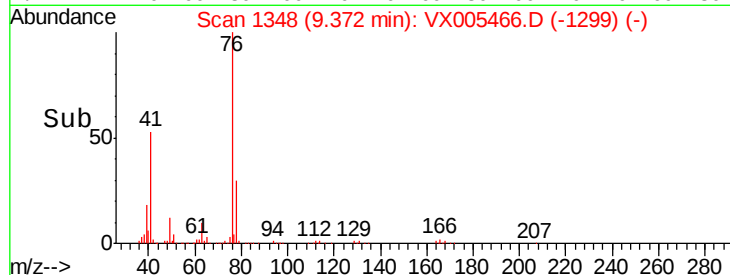
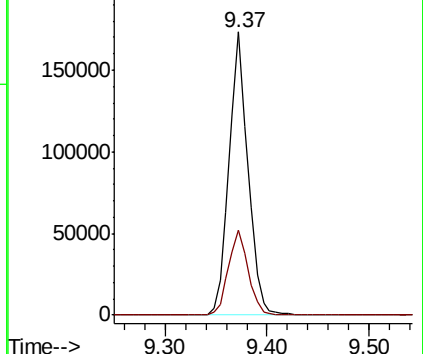
76 100

78 31.5 25.5 38.3



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: 233.807 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VX005466.D

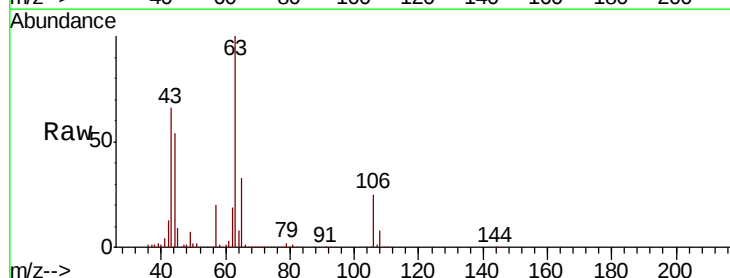
Acq: 22 Oct 2018 13:03

Tgt Ion: 63 Resp: 471534

Ion Ratio Lower Upper

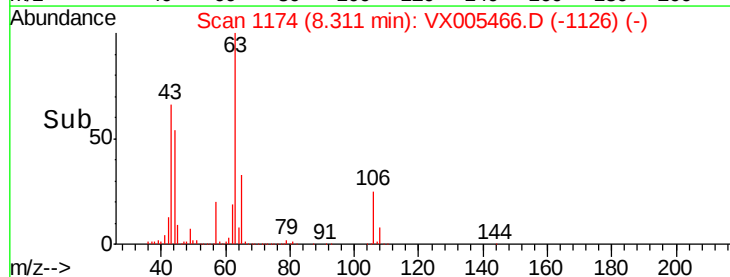
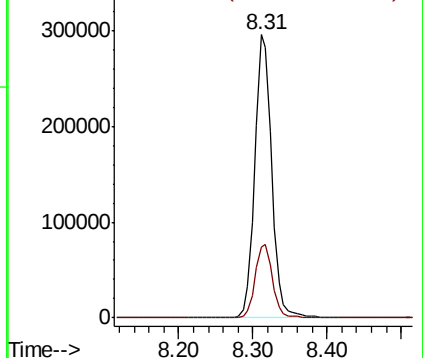
63 100

106 26.7 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

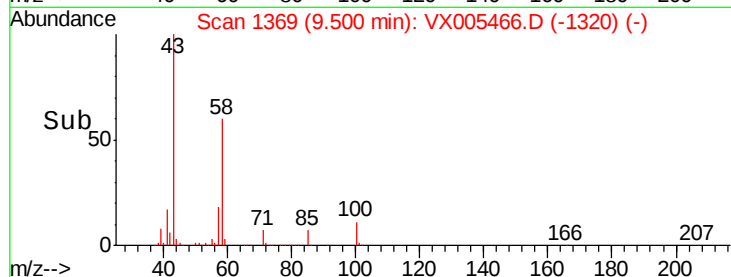
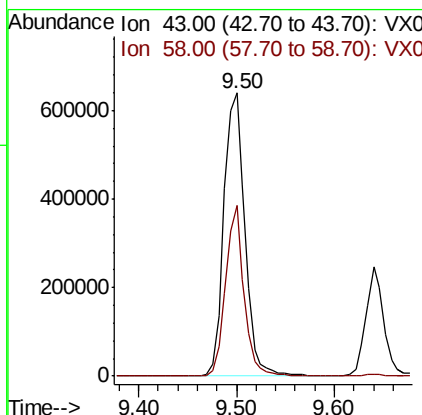
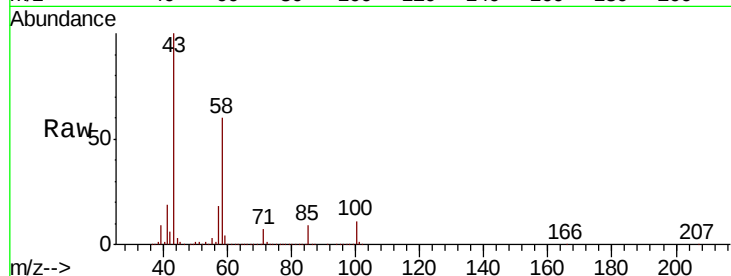




#59
2-Hexanone
Concen: 281.454 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX005466.D
Acq: 22 Oct 2018 13:03

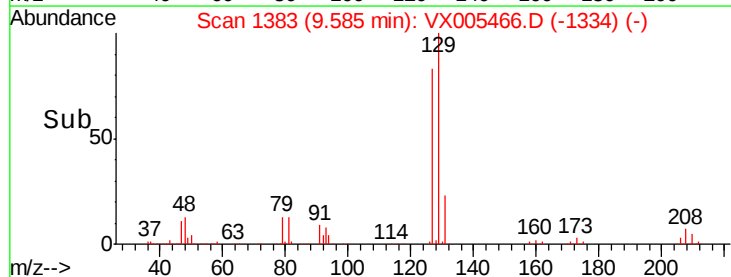
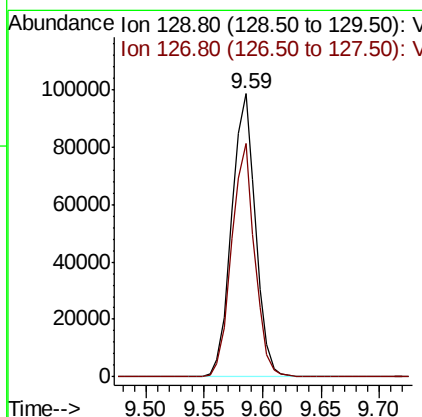
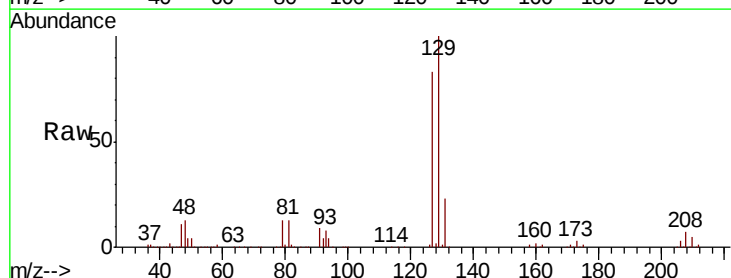
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

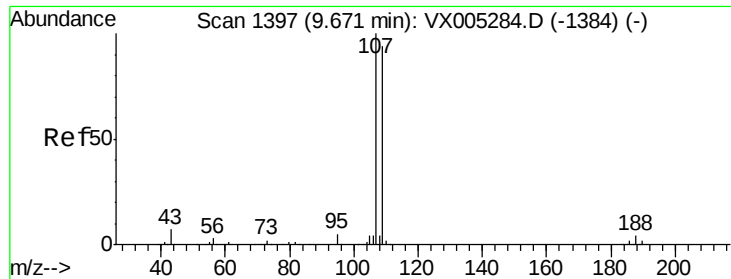
Tot Ion: 43 Resp: 953027
Ion Ratio Lower Upper
43 100
58 53.0 29.0 87.0



#60
Dibromochloromethane
Concen: 55.097 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX005466.D
Acq: 22 Oct 2018 13:03

Tgt Ion: 129 Resp: 140489
Ion Ratio Lower Upper
129 100
127 80.1 38.5 115.5





#61

1,2-Dibromoethane

Concen: 55.049 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX005466.D

Acq: 22 Oct 2018 13:03

Instrument :

MSVOA_X

ClientSampleId :

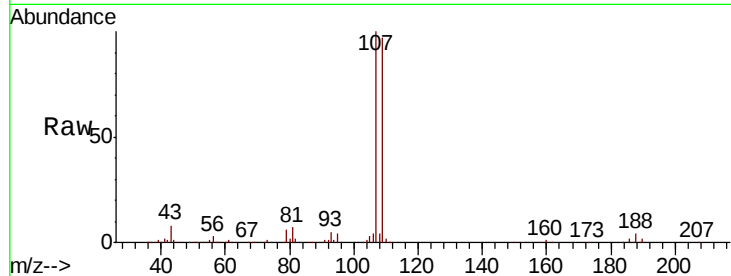
VSTDCCC050

Tot Ion:107 Resp: 142513

Ion Ratio Lower Upper

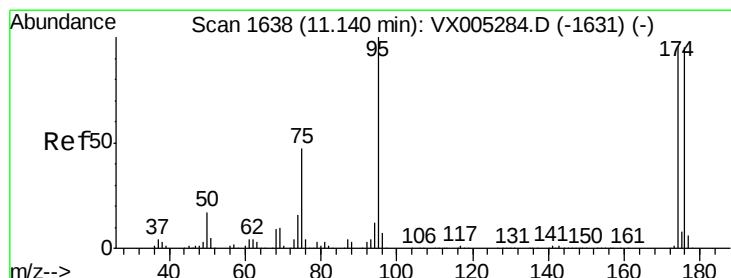
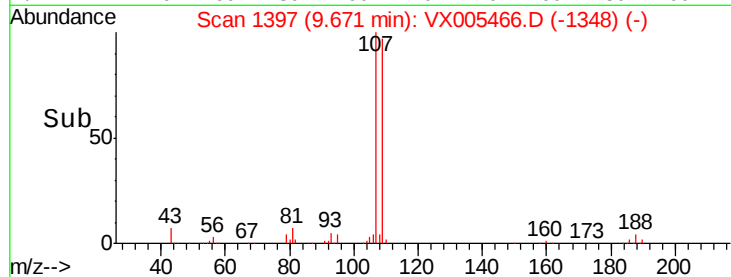
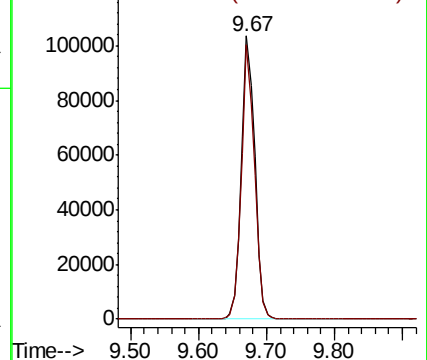
107 100

109 94.0 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.272 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005466.D

Acq: 22 Oct 2018 13:03

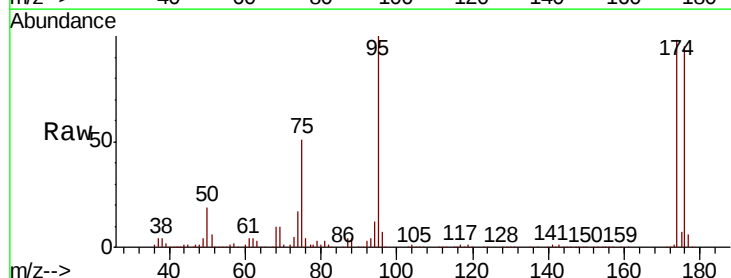
Tgt Ion: 95 Resp: 144827

Ion Ratio Lower Upper

95 100

174 93.0 0.0 185.2

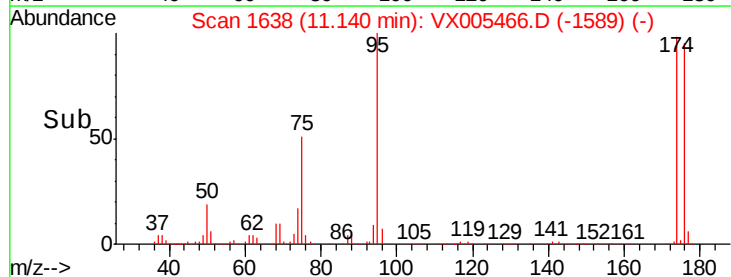
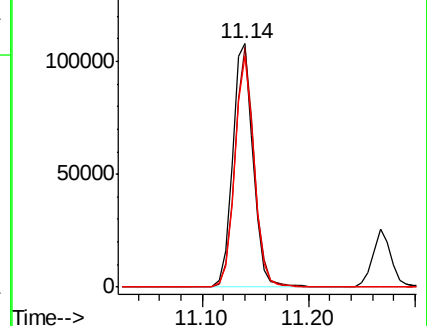
176 90.4 0.0 178.6



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

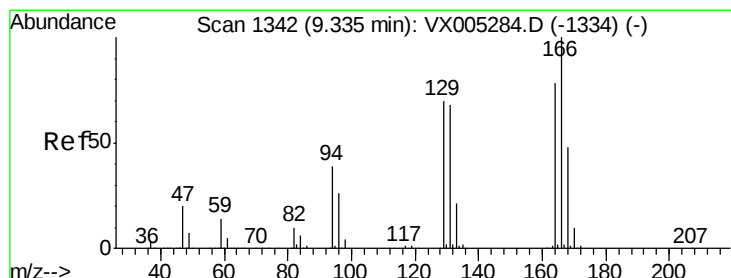
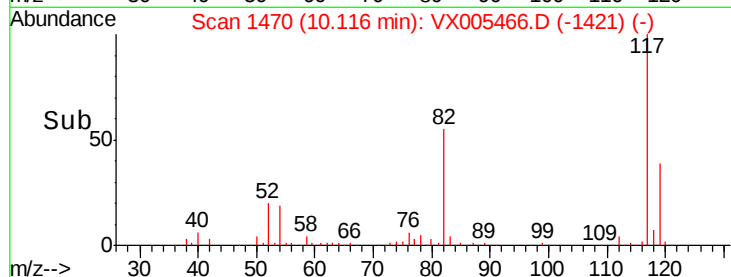
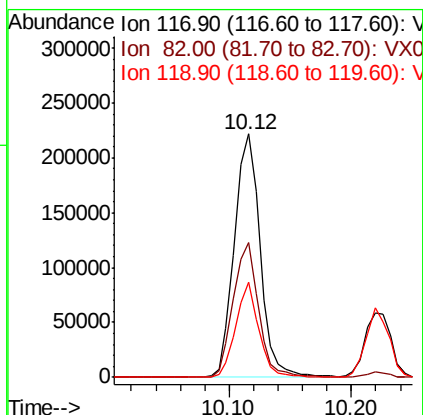
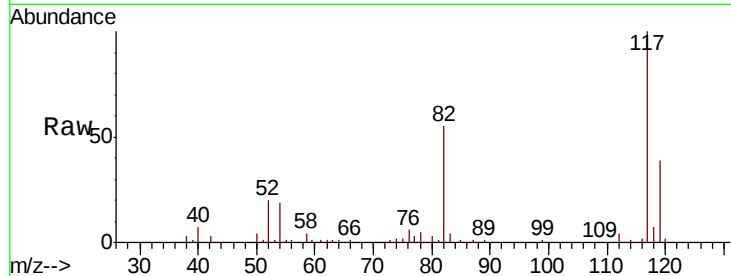




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005466.D
Acq: 22 Oct 2018 13:03

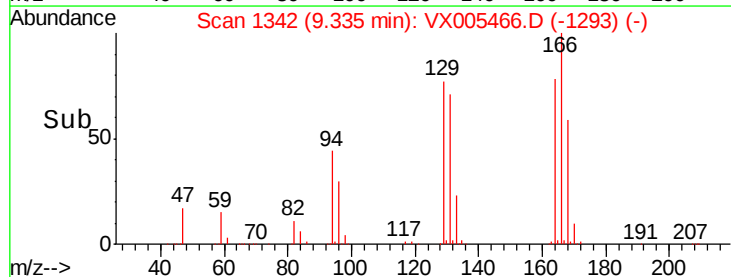
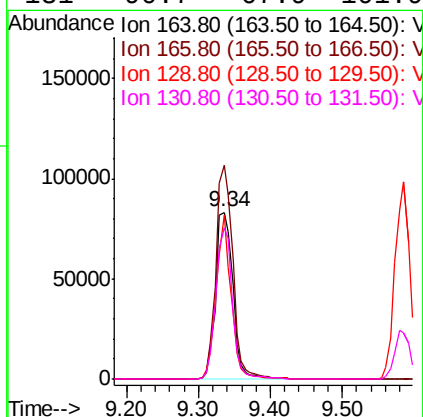
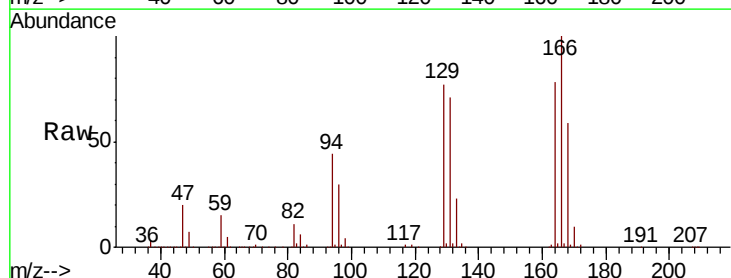
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 323970
Ion Ratio Lower Upper
117 100
82 55.4 47.8 71.6
119 38.9 29.3 43.9



#64
Tetrachloroethene
Concen: 52.879 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005466.D
Acq: 22 Oct 2018 13:03

Tgt Ion:164 Resp: 137916
Ion Ratio Lower Upper
164 100
166 128.0 102.8 154.2
129 98.4 69.4 104.0
131 90.7 67.9 101.9

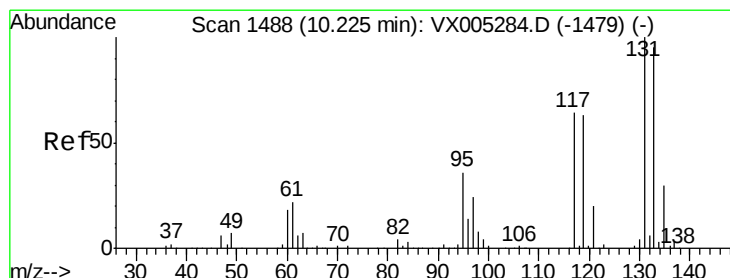
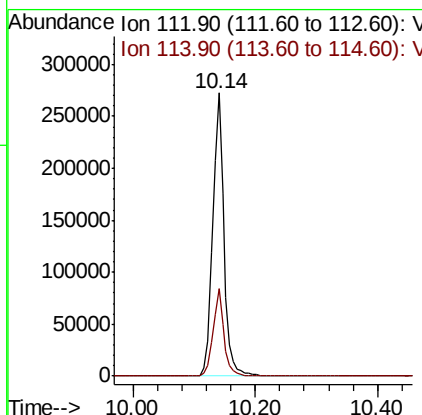
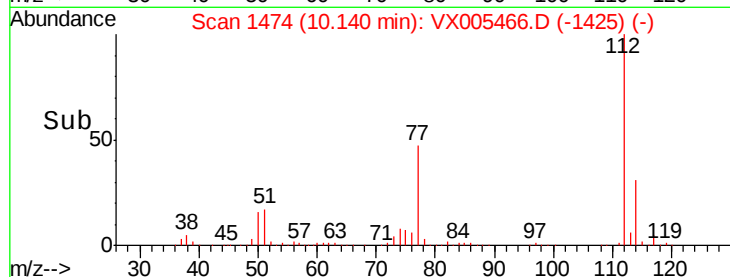
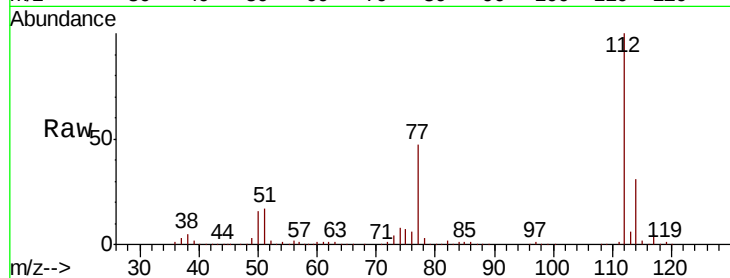




#65
Chlorobenzene
Concen: 51.083 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX005466.D
Acq: 22 Oct 2018 13:03

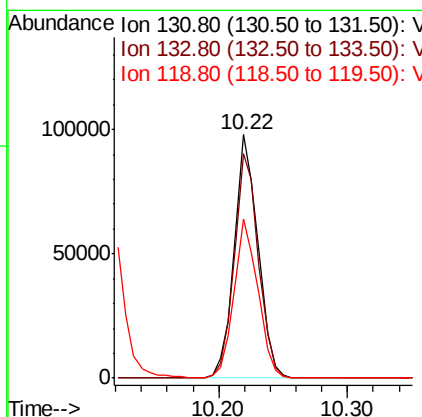
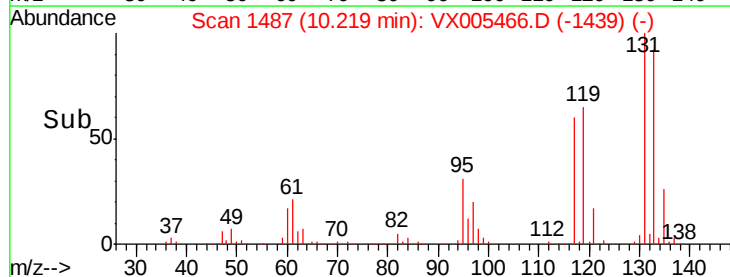
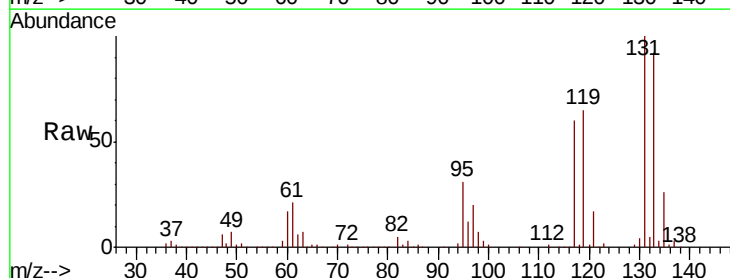
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

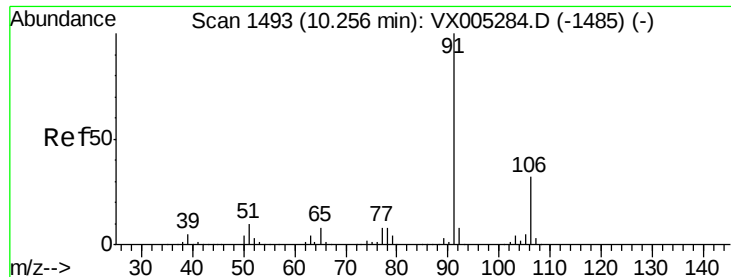
Tot Ion:112 Resp: 352025
Ion Ratio Lower Upper
112 100
114 30.9 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 51.303 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VX005466.D
Acq: 22 Oct 2018 13:03

Tgt Ion:131 Resp: 125988
Ion Ratio Lower Upper
131 100
133 94.4 48.1 144.4
119 66.0 32.9 98.6





#67

Ethyl Benzene

Concen: 49.835 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VX005466.D

Acq: 22 Oct 2018 13:03

Instrument :

MSVOA_X

ClientSampleId :

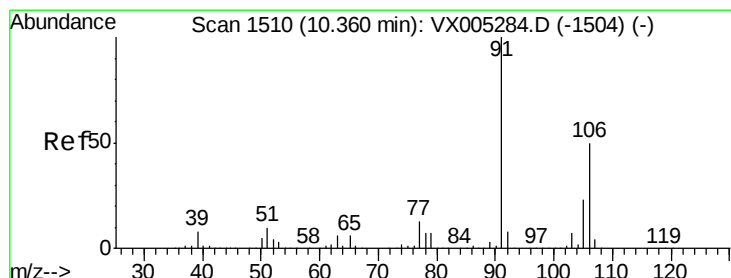
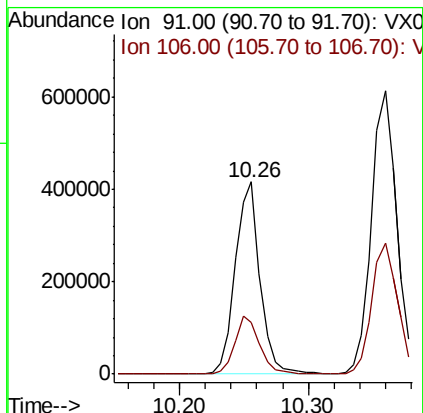
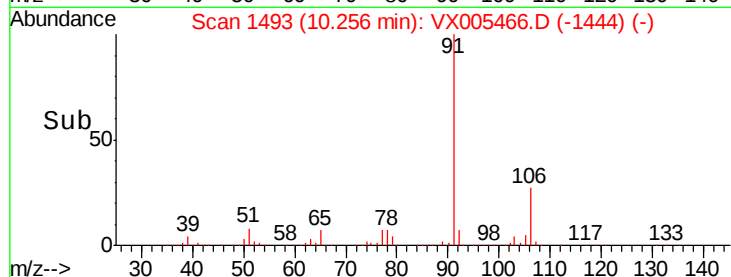
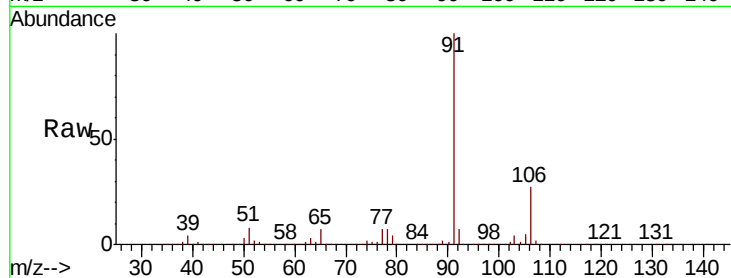
VSTDCCC050

Tot Ion: 91 Resp: 558292

Ion Ratio Lower Upper

91 100

106 26.7 25.9 38.9



#68

m/p-Xylenes

Concen: 91.575 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX005466.D

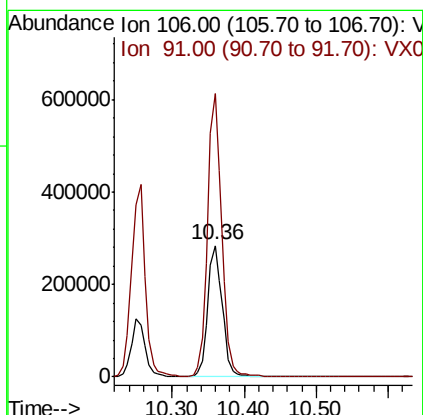
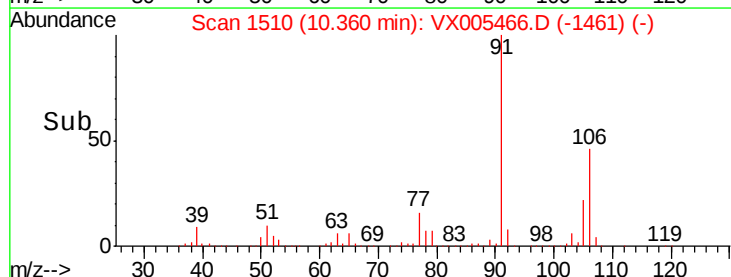
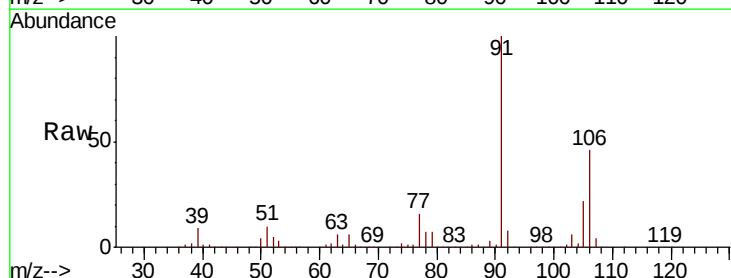
Acq: 22 Oct 2018 13:03

Tgt Ion: 106 Resp: 398191

Ion Ratio Lower Upper

106 100

91 209.9 157.1 235.7

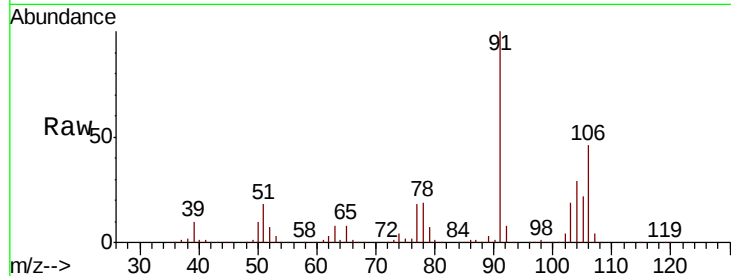




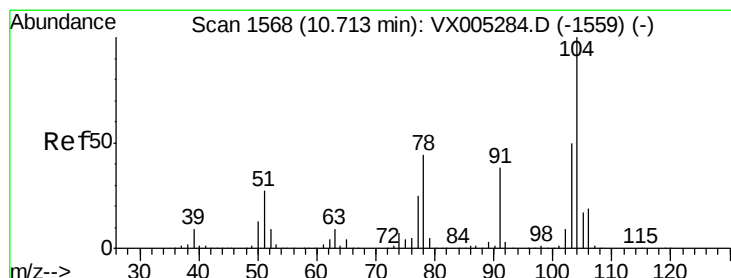
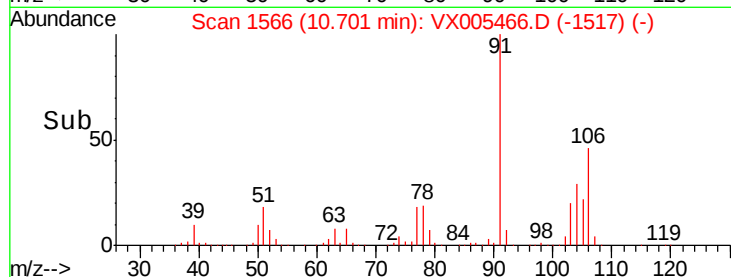
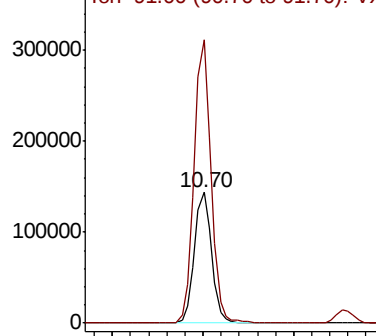
#69
o-Xylene
Concen: 45.681 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005466.D
Acq: 22 Oct 2018 13:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 191567
Ion Ratio Lower Upper
106 100
91 212.0 105.1 315.1

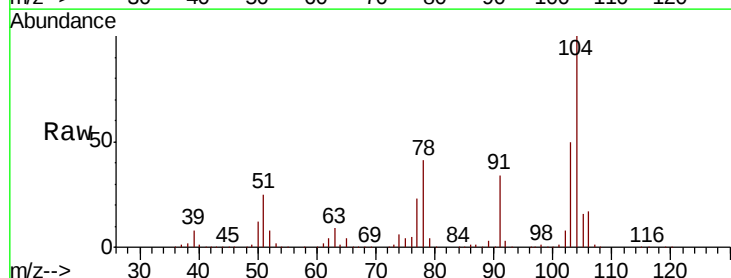


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

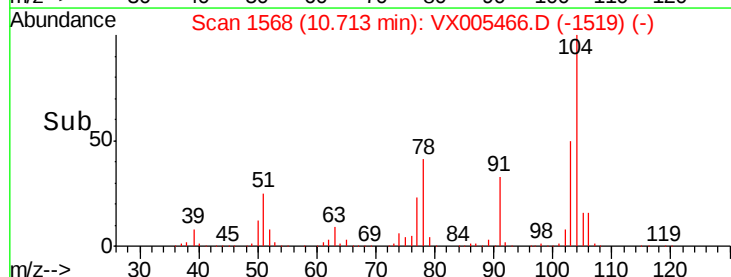
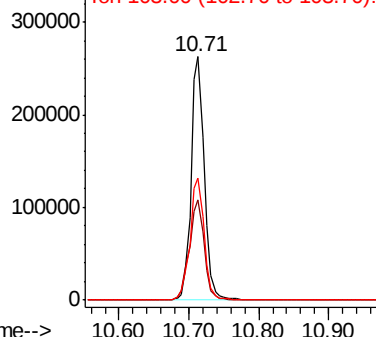


#70
Styrene
Concen: 49.876 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005466.D
Acq: 22 Oct 2018 13:03

Tgt Ion:104 Resp: 344024
Ion Ratio Lower Upper
104 100
78 46.8 37.4 56.0
103 54.4 43.8 65.6



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

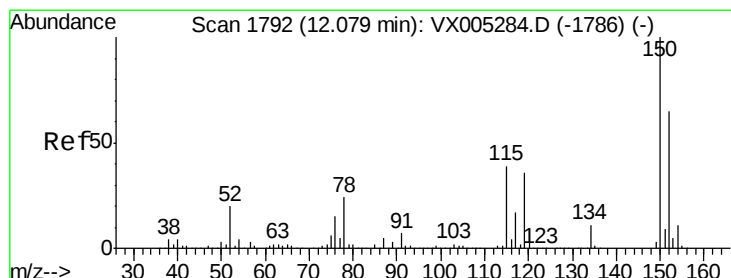
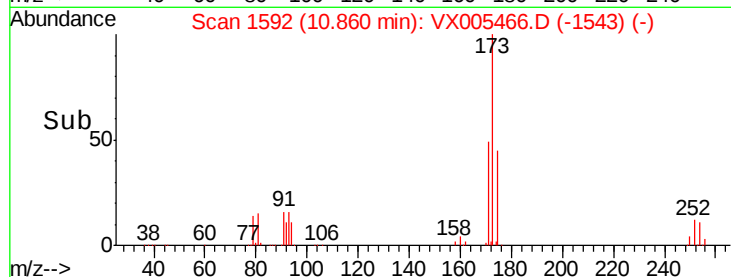
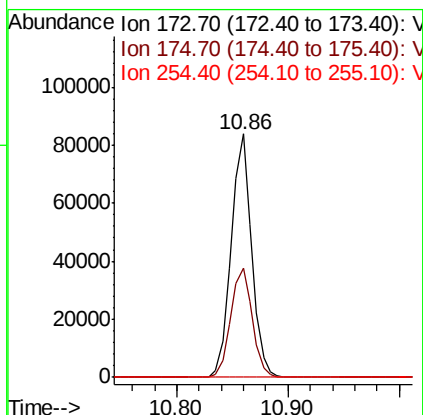
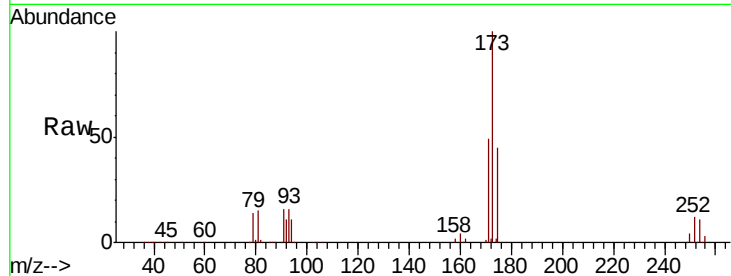




#71
Bromoform
Concen: 48.292 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX005466.D
Acq: 22 Oct 2018 13:03

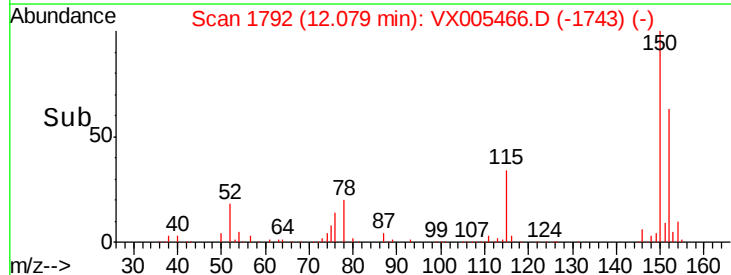
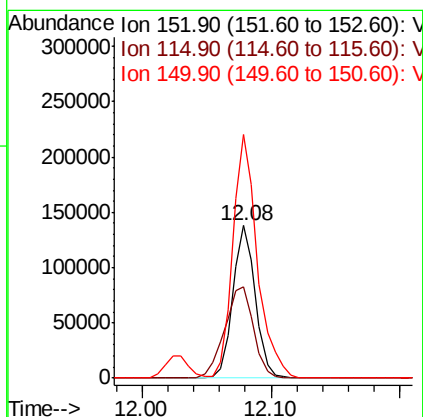
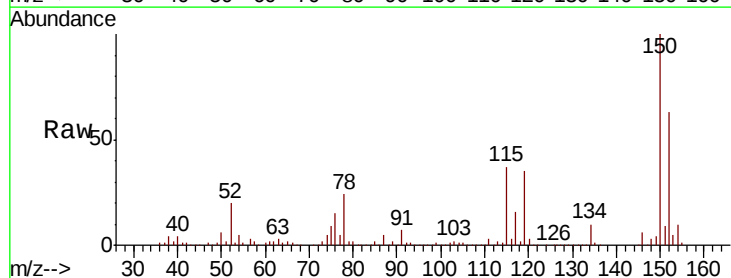
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

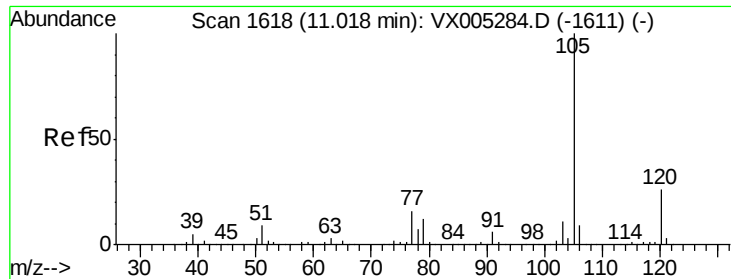
Tot Ion:173 Resp: 105978
Ion Ratio Lower Upper
173 100
175 47.3 24.1 72.3
254 0.2 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005466.D
Acq: 22 Oct 2018 13:03

Tgt Ion:152 Resp: 167712
Ion Ratio Lower Upper
152 100
115 77.3 39.0 117.0
150 174.5 0.0 351.0

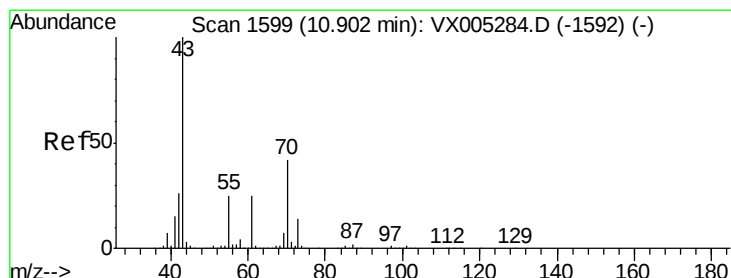
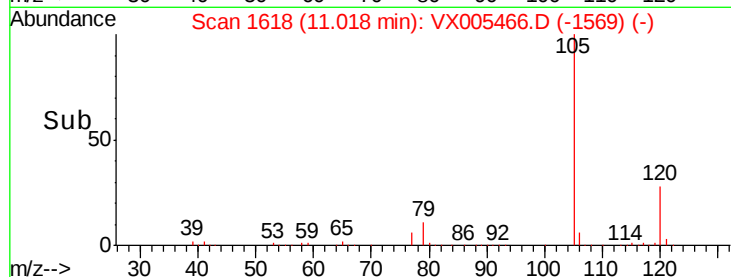
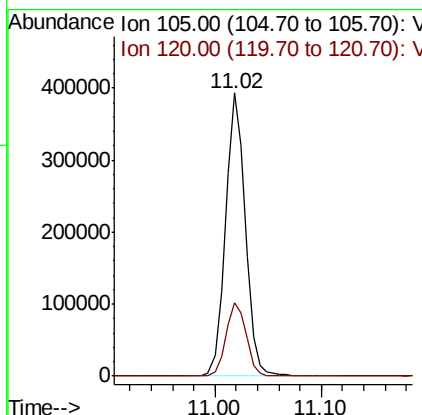
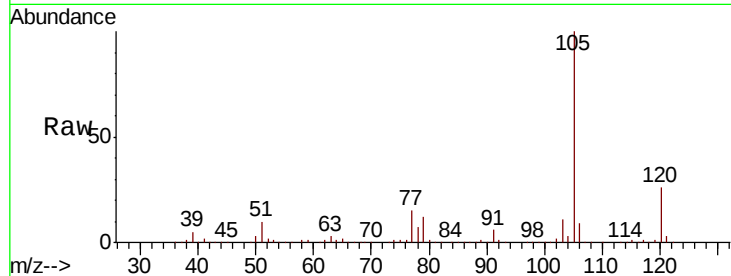




#73
Isopropylbenzene
Concen: 51.274 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX005466.D
Acq: 22 Oct 2018 13:03

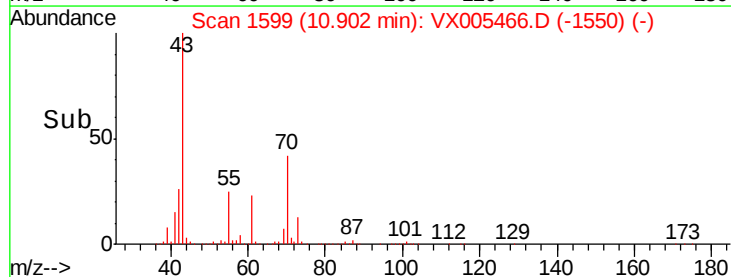
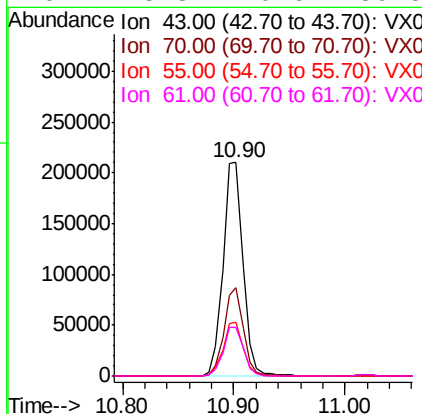
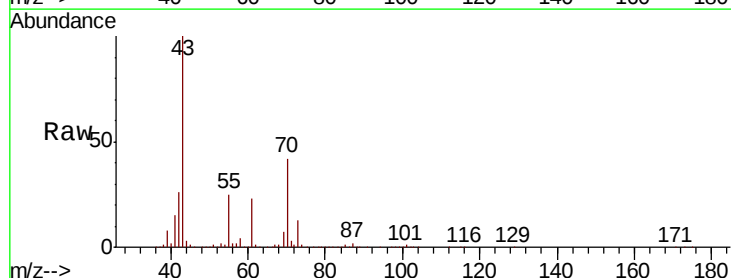
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:105 Resp: 511201
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.4



#74
N-ethyl acetate
Concen: 54.313 ug/l
RT: 10.90 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VX005466.D
Acq: 22 Oct 2018 13:03

Tgt Ion: 43 Resp: 261174
Ion Ratio Lower Upper
43 100
70 40.2 37.4 56.0
55 25.3 21.8 32.8
61 23.3 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 55.999 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX005466.D

Acq: 22 Oct 2018 13:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

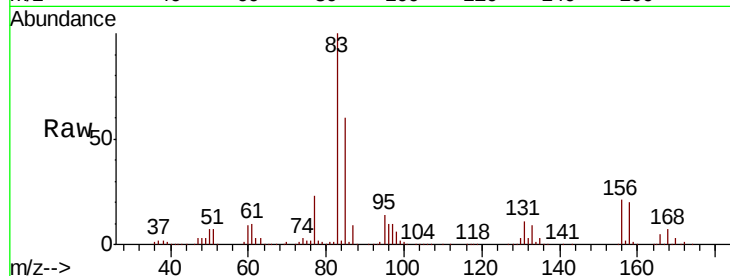
Tot Ion: 83 Resp: 210609

Ion Ratio Lower Upper

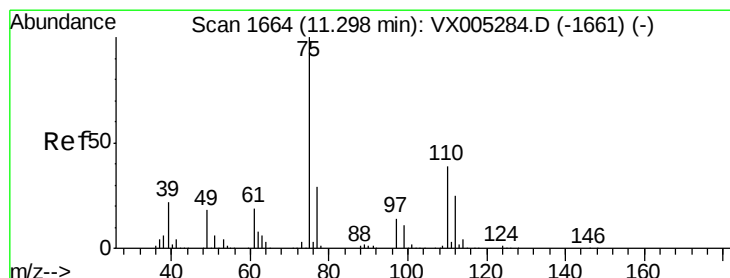
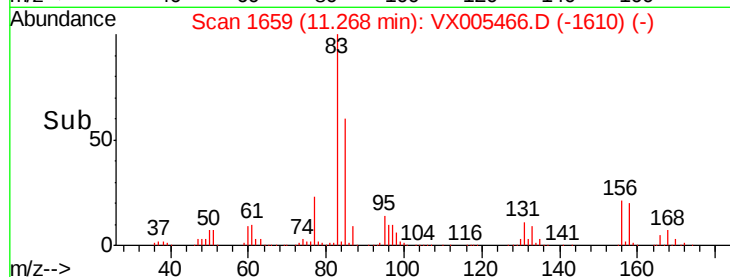
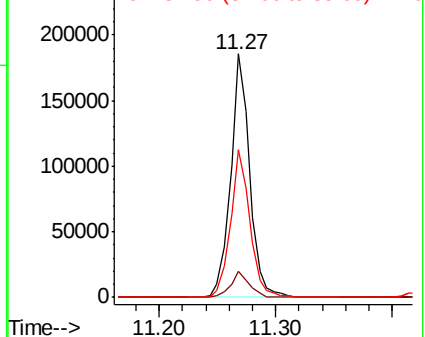
83 100

131 10.5 5.2 15.6

85 61.8 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 75.702 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX005466.D

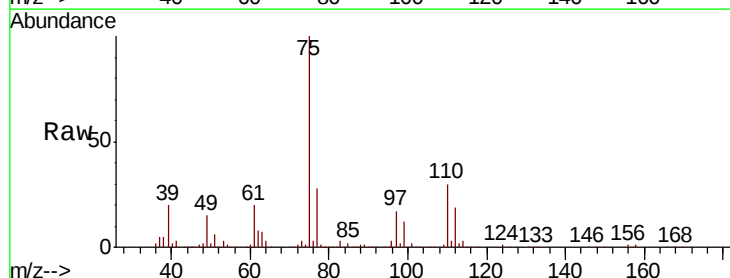
Acq: 22 Oct 2018 13:03

Tgt Ion: 75 Resp: 246268

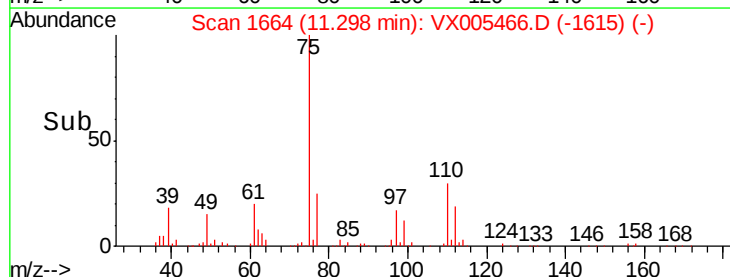
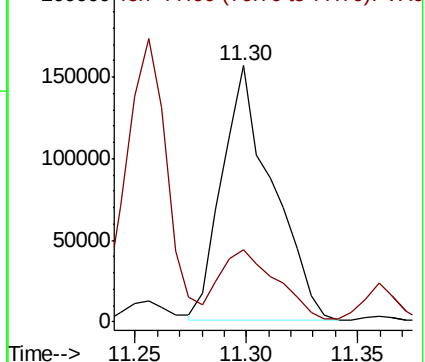
Ion Ratio Lower Upper

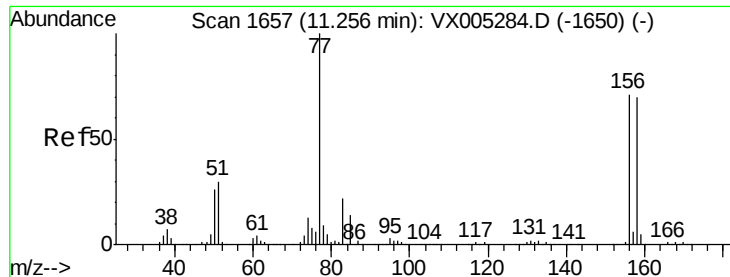
75 100

77 32.2 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.735 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX005466.D

Acq: 22 Oct 2018 13:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

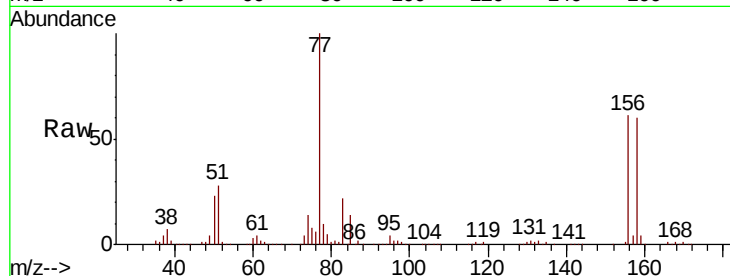
Tot Ion:156 Resp: 144628

Ion Ratio Lower Upper

156 100

77 153.6 71.5 214.3

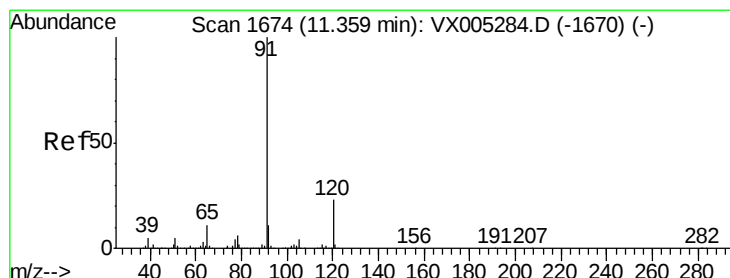
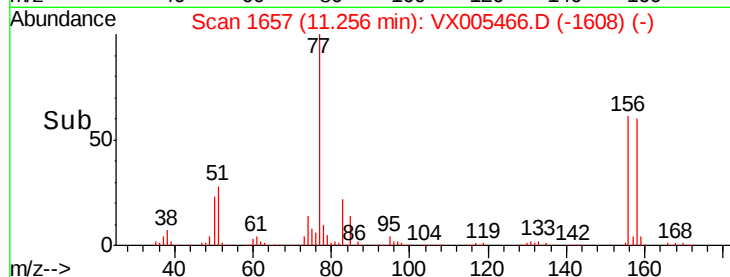
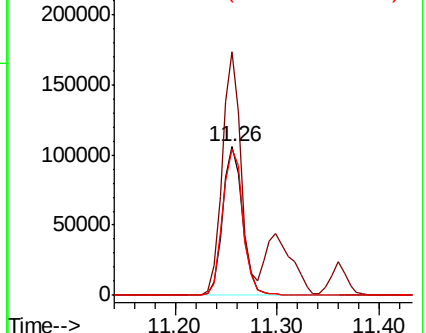
158 100.4 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 55.956 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX005466.D

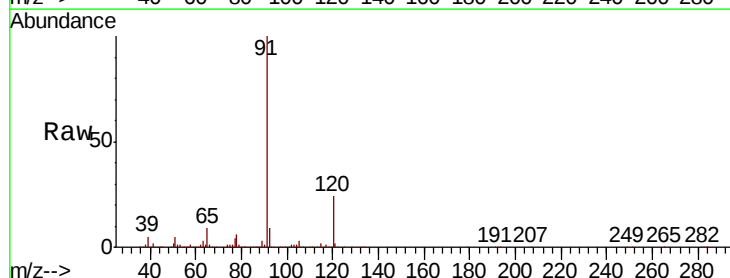
Acq: 22 Oct 2018 13:03

Tgt Ion: 91 Resp: 641975

Ion Ratio Lower Upper

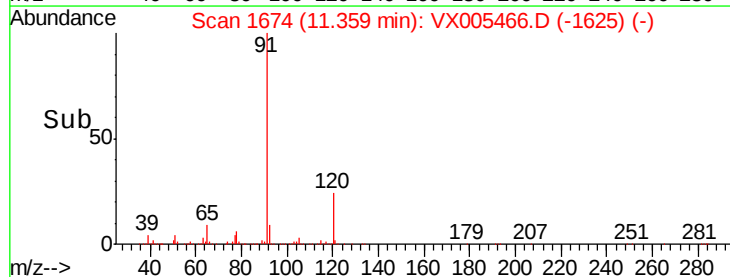
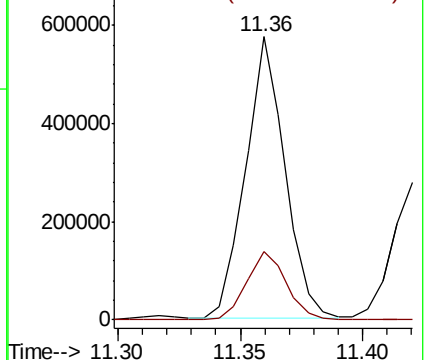
91 100

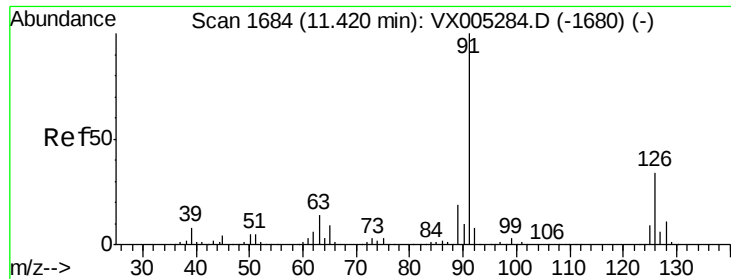
120 24.9 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

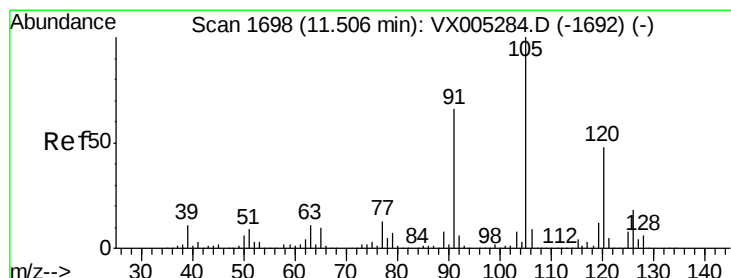
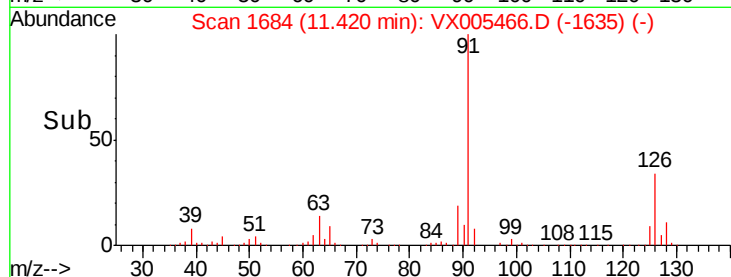
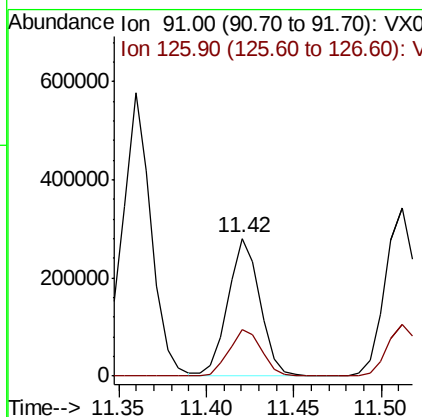
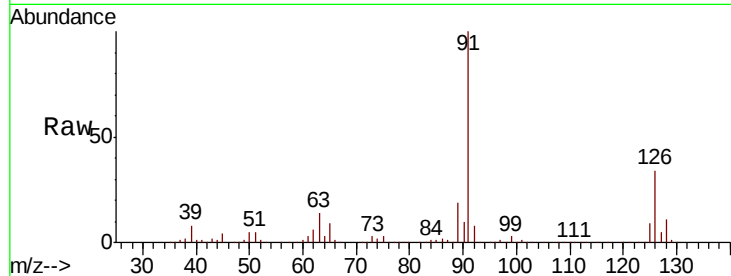




#79
 2-Chlorotoluene
 Concen: 50.187 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX005466.D
 Acq: 22 Oct 2018 13:03

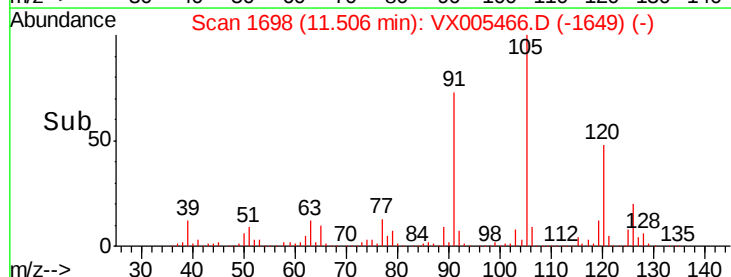
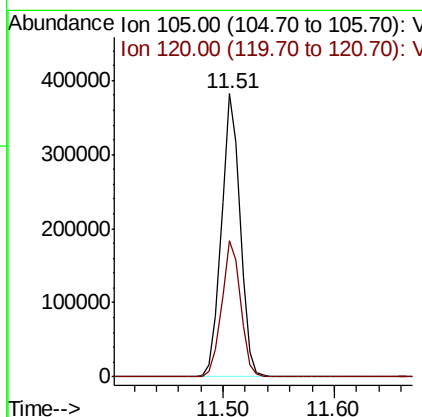
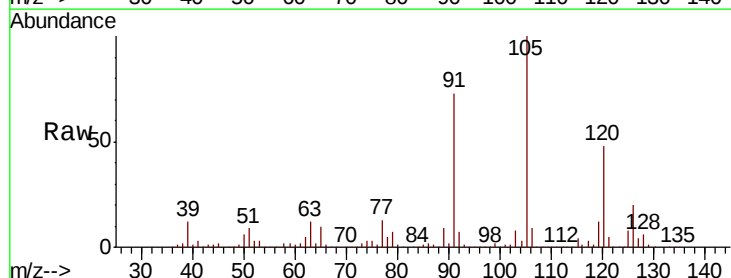
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 352629
 Ion Ratio Lower Upper
 91 100
 126 34.9 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 51.860 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX005466.D
 Acq: 22 Oct 2018 13:03

Tgt Ion: 105 Resp: 442765
 Ion Ratio Lower Upper
 105 100
 120 48.5 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 58.991 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.01 min

Lab File: VX005466.D

Acq: 22 Oct 2018 13:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

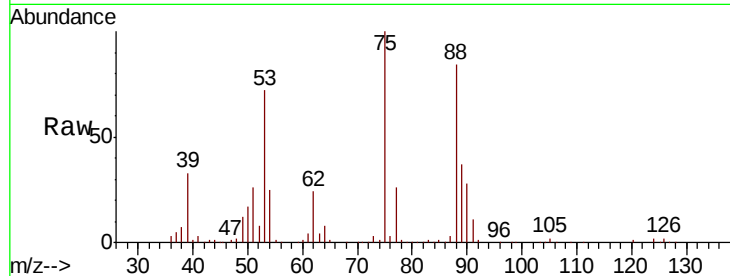
Tot Ion: 75 Resp: 63158

Ion Ratio Lower Upper

75 100

53 88.7 80.1 120.1

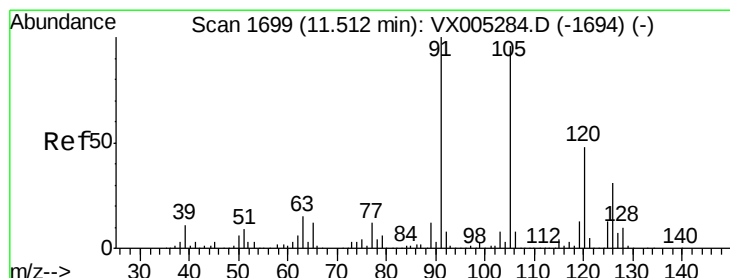
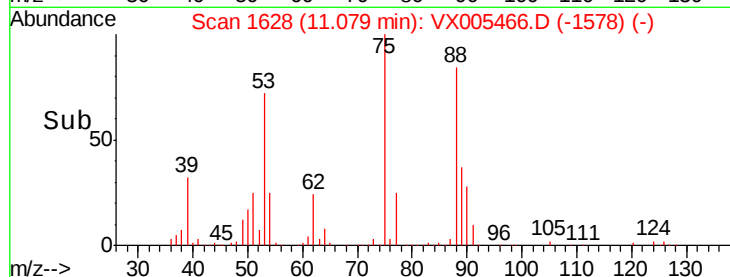
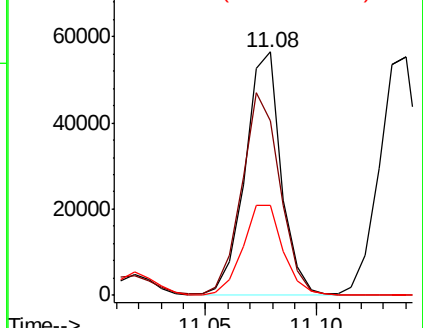
89 42.1 37.2 55.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 51.038 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX005466.D

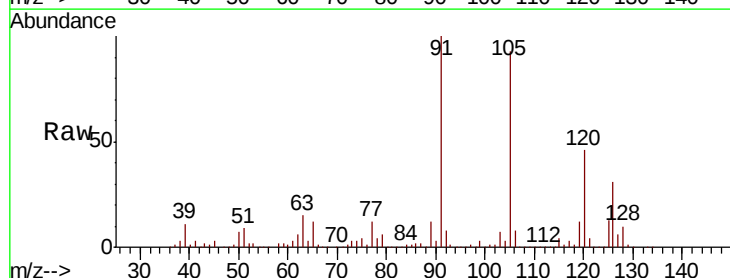
Acq: 22 Oct 2018 13:03

Tgt Ion: 91 Resp: 425104

Ion Ratio Lower Upper

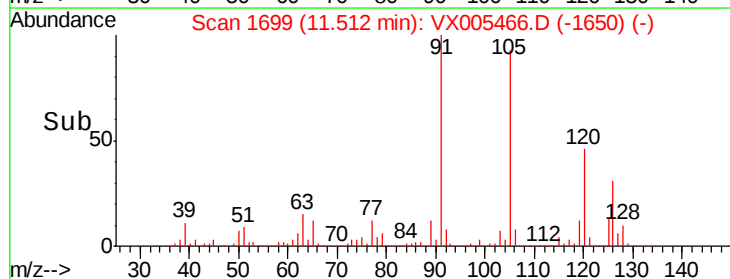
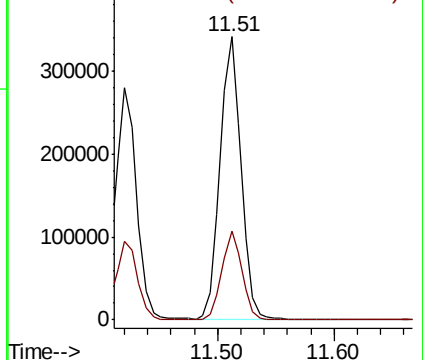
91 100

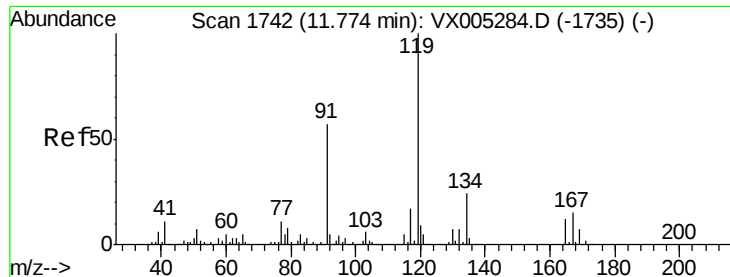
126 30.4 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

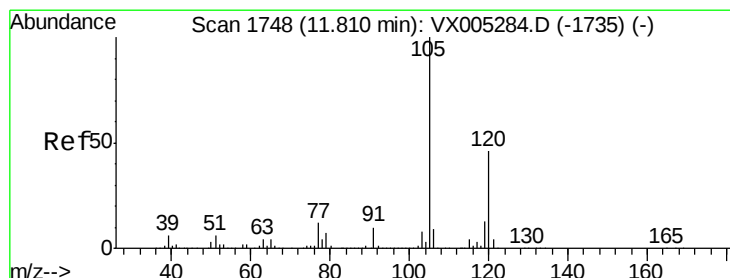
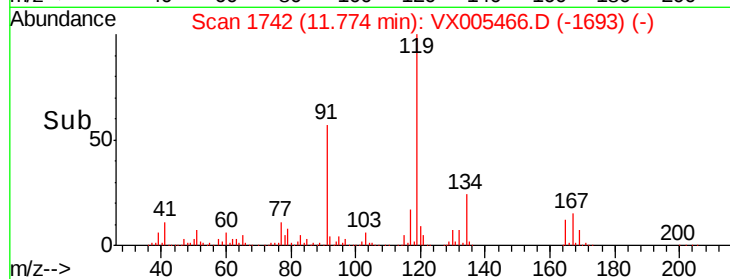
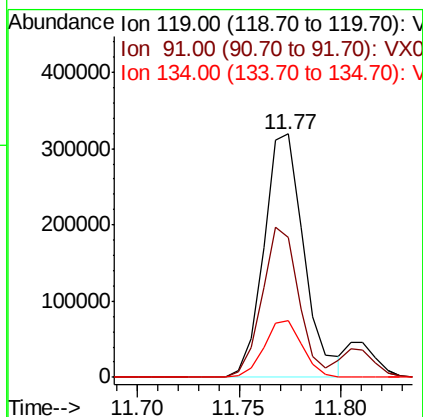
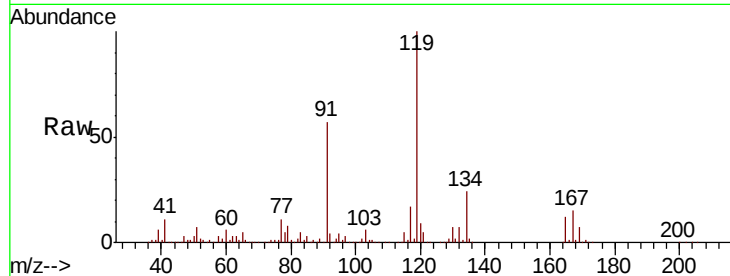




#83
tert-Butylbenzene
Concen: 50.647 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX005466.D
Acq: 22 Oct 2018 13:03

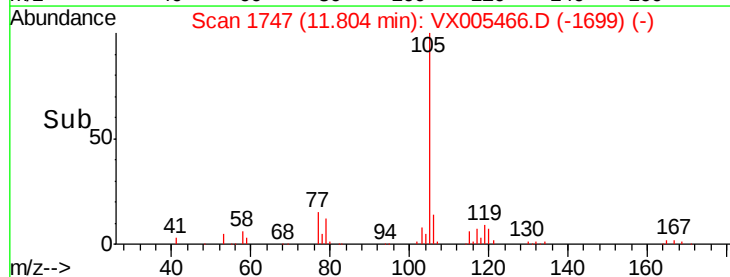
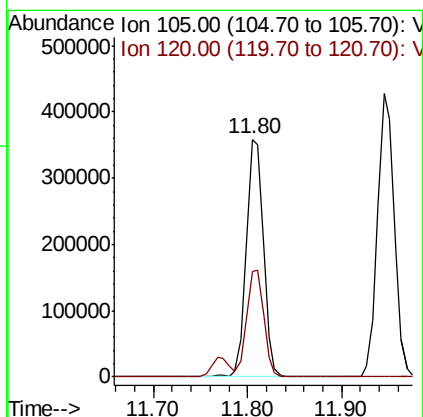
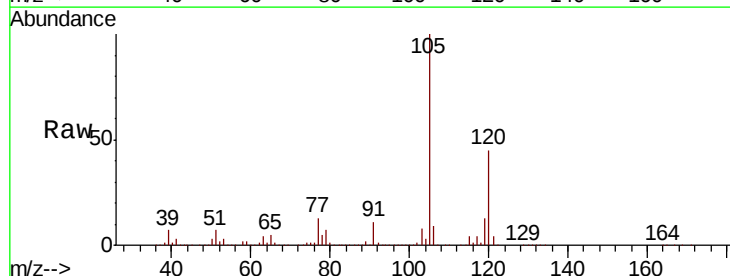
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

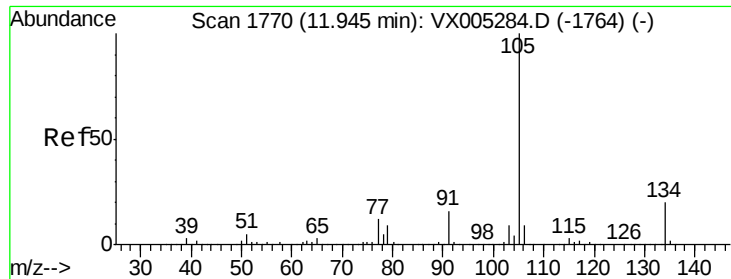
Tot Ion:119 Resp: 437878
Ion Ratio Lower Upper
119 100
91 56.2 27.0 81.0
134 22.3 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 51.951 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VX005466.D
Acq: 22 Oct 2018 13:03

Tgt Ion:105 Resp: 456447
Ion Ratio Lower Upper
105 100
120 44.9 23.2 69.6





#85

sec-Butylbenzene

Concen: 51.752 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX005466.D

Acq: 22 Oct 2018 13:03

Instrument :

MSVOA_X

ClientSampleId :

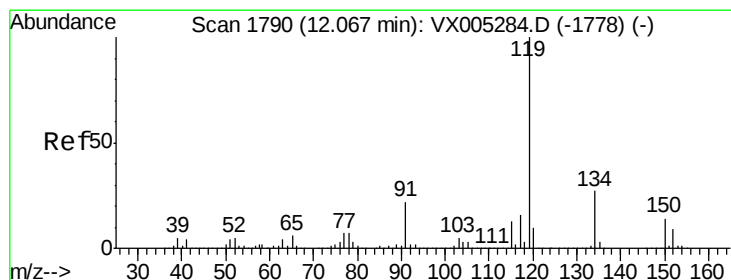
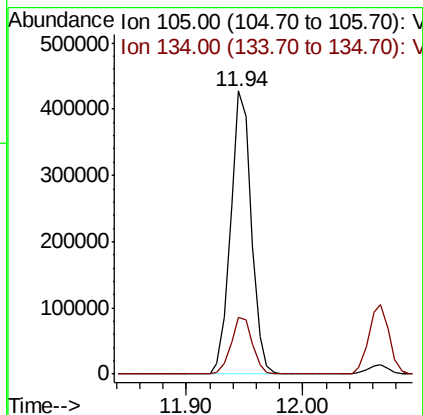
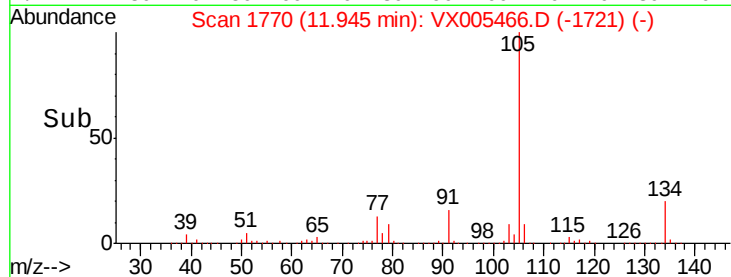
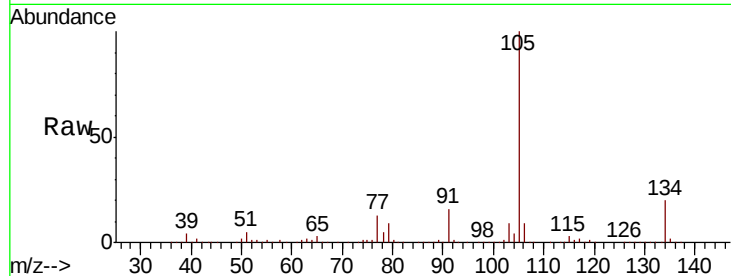
VSTDCCC050

Tot Ion:105 Resp: 529503

Ion Ratio Lower Upper

105 100

134 20.5 10.5 31.5



#86

p-Isopropyltoluene

Concen: 52.276 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX005466.D

Acq: 22 Oct 2018 13:03

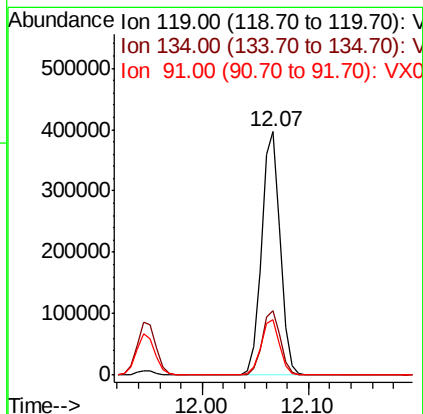
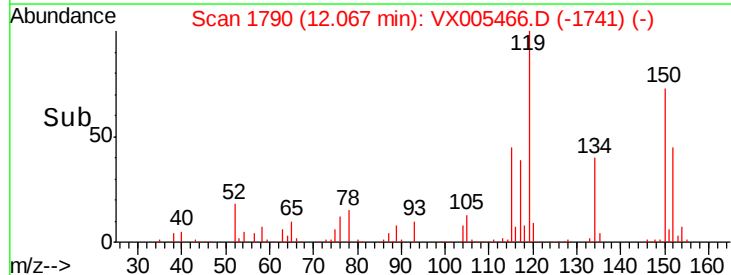
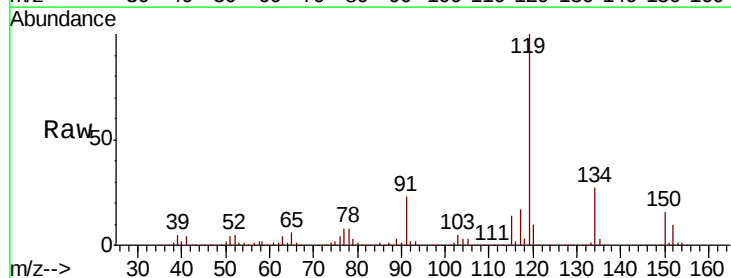
Tgt Ion:119 Resp: 483432

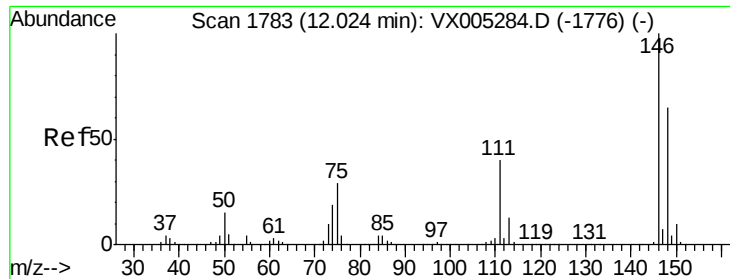
Ion Ratio Lower Upper

119 100

134 26.4 13.4 40.2

91 22.9 10.9 32.7

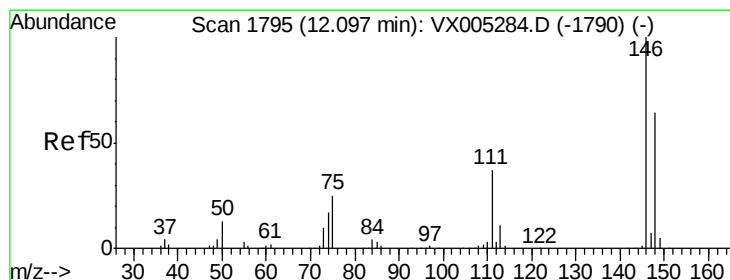
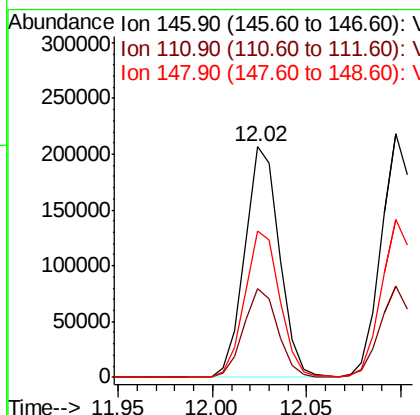
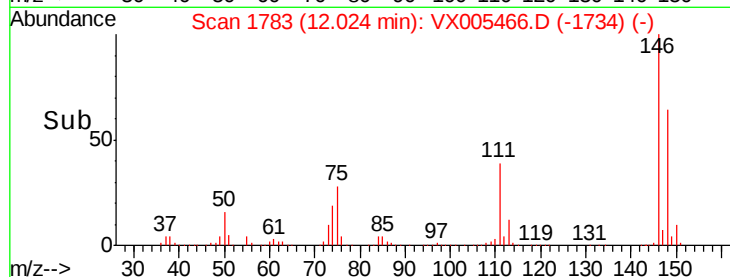
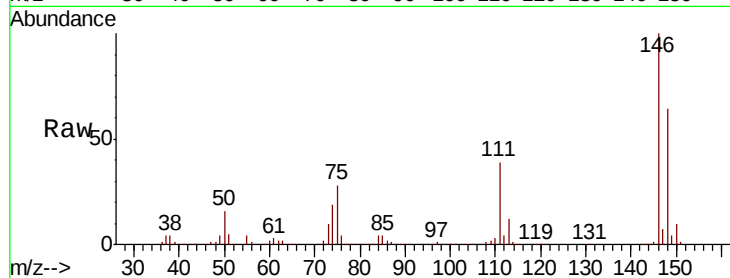




#87
 1,3-Dichlorobenzene
 Concen: 49.516 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX005466.D
 Acq: 22 Oct 2018 13:03

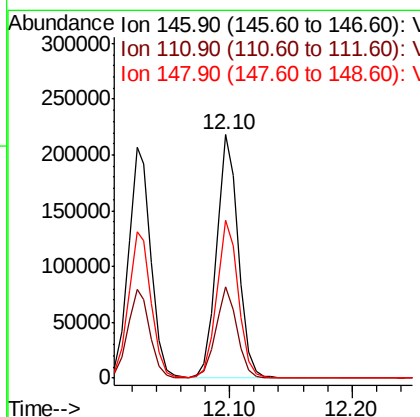
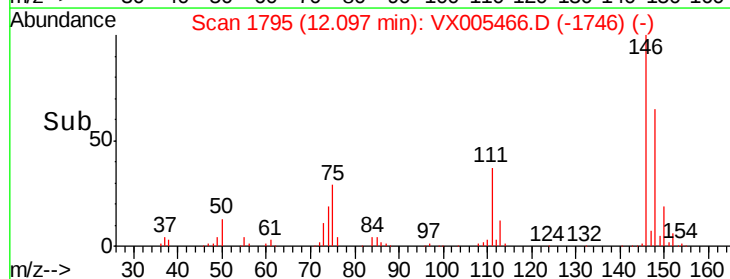
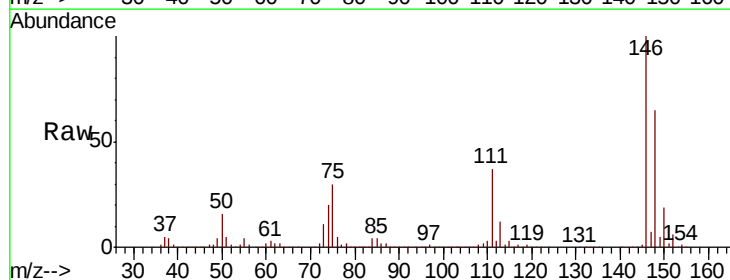
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:146 Resp: 263763
 Ion Ratio Lower Upper
 146 100
 111 38.1 18.7 56.1
 148 64.1 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 49.419 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX005466.D
 Acq: 22 Oct 2018 13:03

Tgt Ion:146 Resp: 269304
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.1 54.1
 148 64.7 32.0 96.0

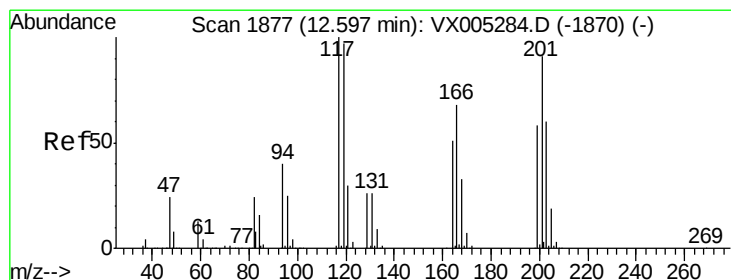
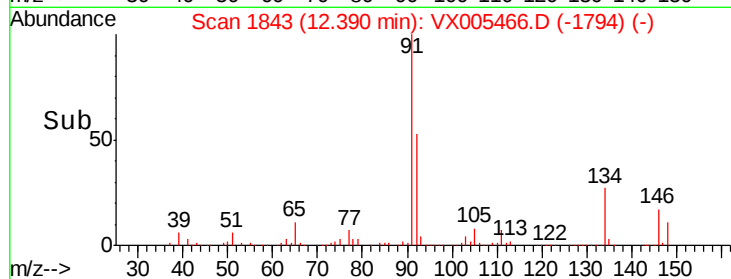
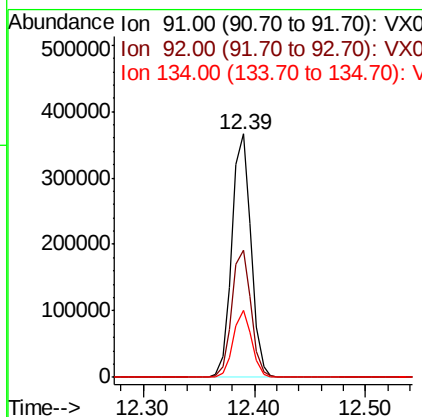
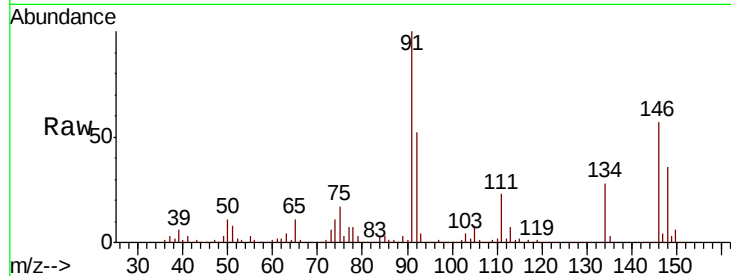




#89
n-Butylbenzene
Concen: 51.654 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX005466.D
Acq: 22 Oct 2018 13:03

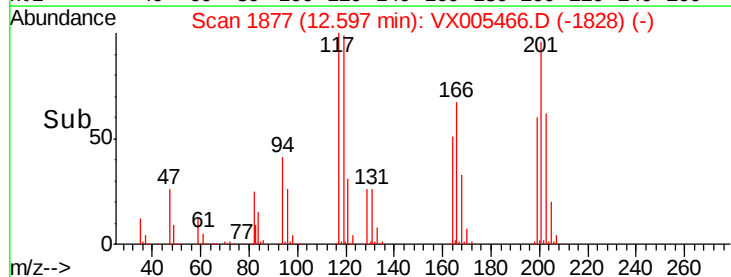
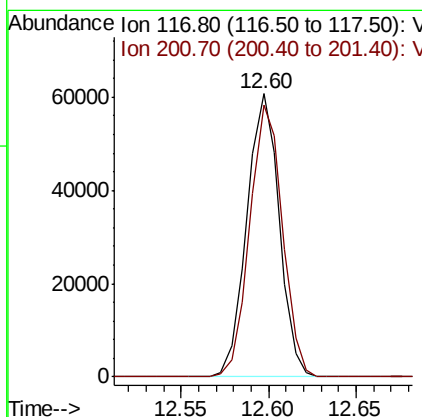
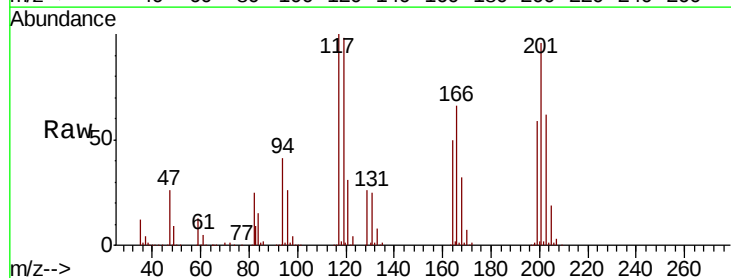
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

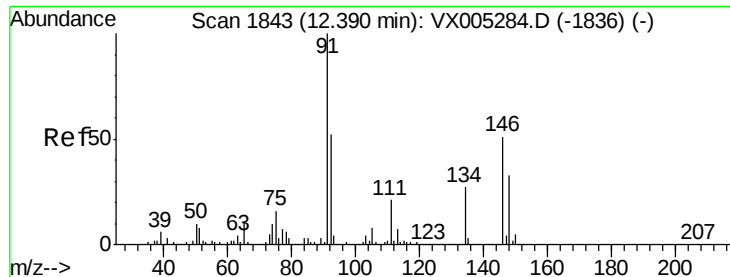
Tot Ion: 91 Resp: 433718
Ion Ratio Lower Upper
91 100
92 52.6 27.3 81.9
134 26.8 13.6 40.7



#90
Hexachloroethane
Concen: 49.043 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX005466.D
Acq: 22 Oct 2018 13:03

Tgt Ion: 117 Resp: 78162
Ion Ratio Lower Upper
117 100
201 96.8 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 49.296 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX005466.D

Acq: 22 Oct 2018 13:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

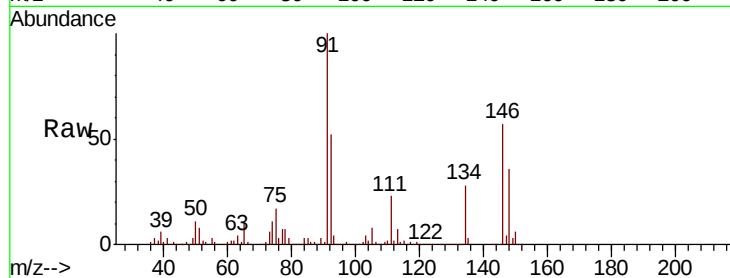
Tot Ion:146 Resp: 267968

Ion Ratio Lower Upper

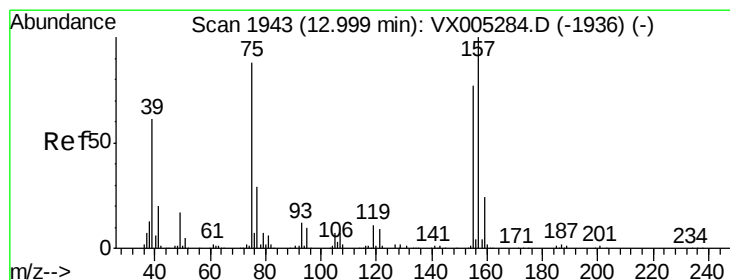
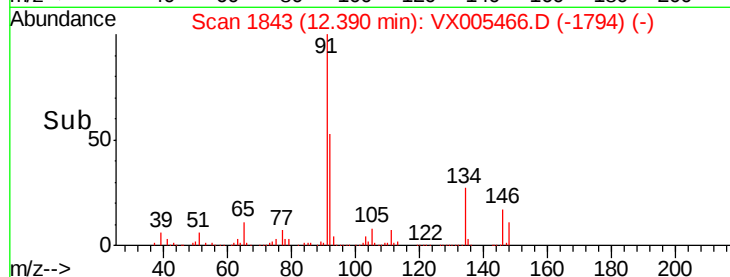
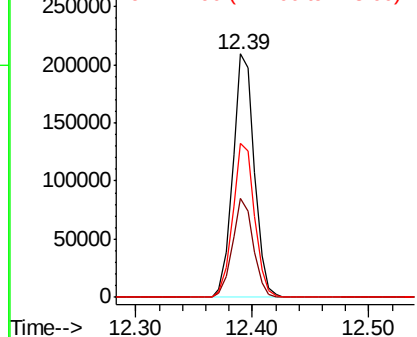
146 100

111 39.3 19.4 58.1

148 64.0 32.8 98.3



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.171 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX005466.D

Acq: 22 Oct 2018 13:03

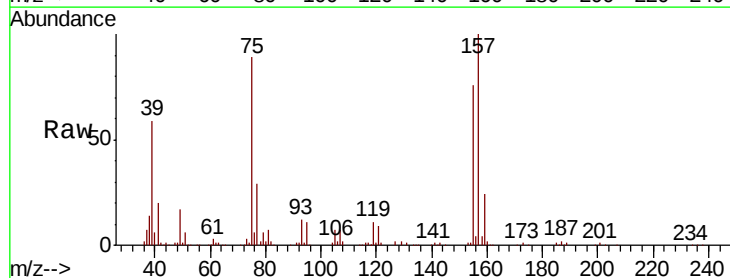
Tgt Ion: 75 Resp: 46945

Ion Ratio Lower Upper

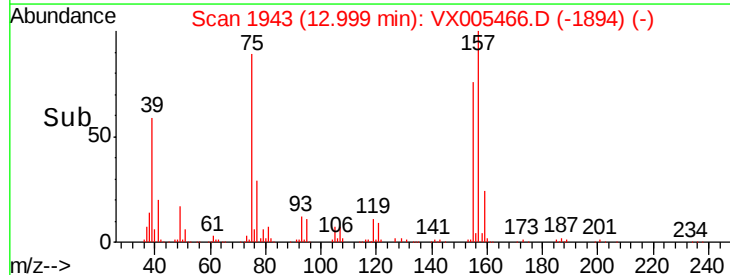
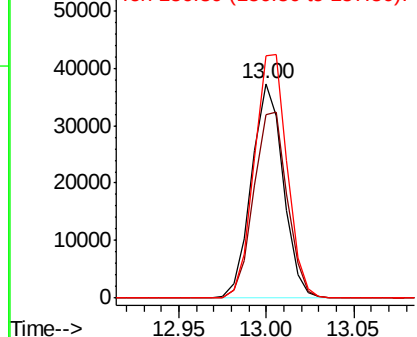
75 100

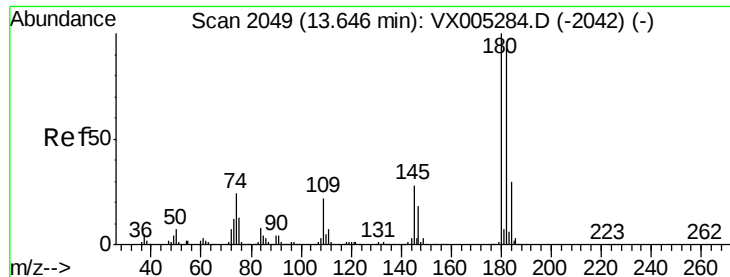
155 91.9 48.0 144.2

157 117.7 61.4 184.1



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

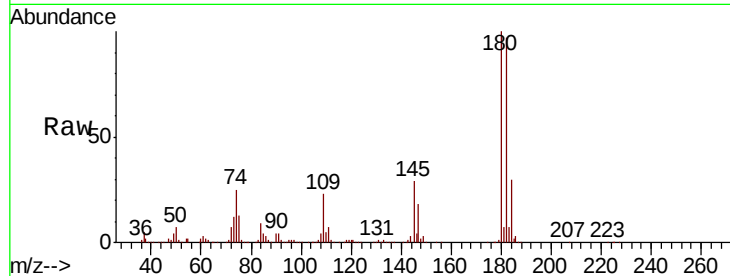




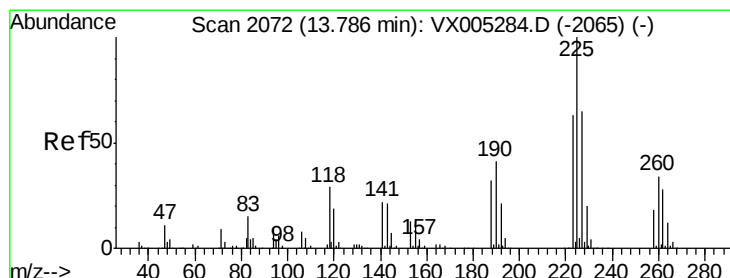
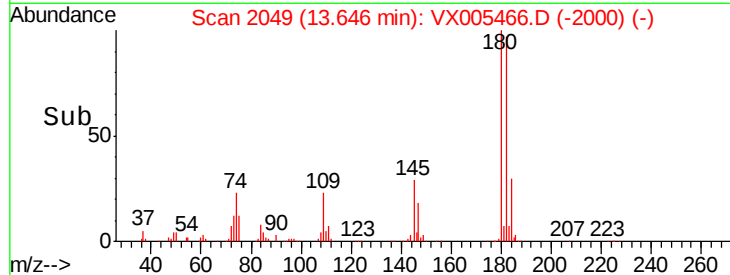
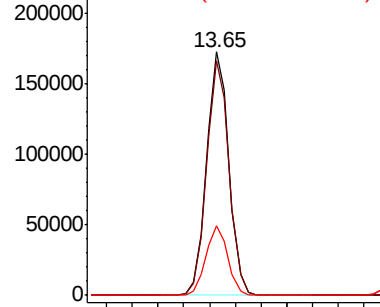
#93
 1,2,4-Trichlorobenzene
 Concen: 52.217 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX005466.D
 Acq: 22 Oct 2018 13:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 208252
 Ion Ratio Lower Upper
 180 100
 182 96.5 48.4 145.0
 145 28.3 14.3 42.9

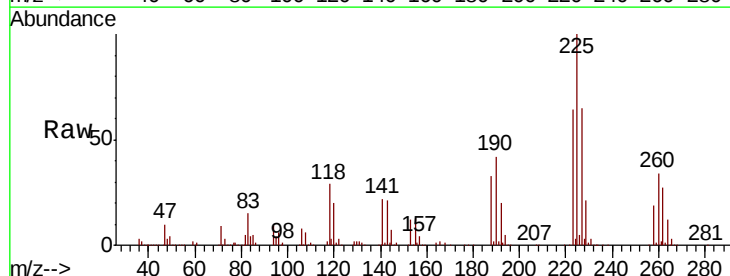


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

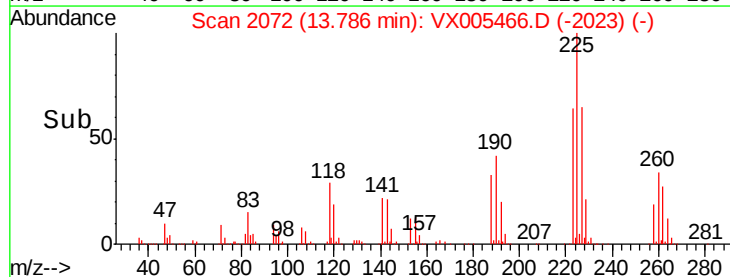
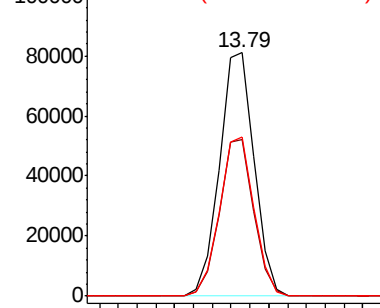


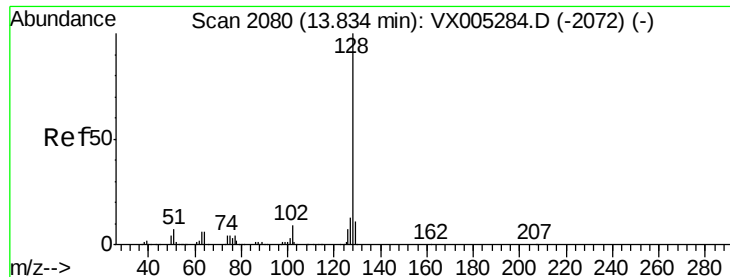
#94
 Hexachlorobutadiene
 Concen: 49.016 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX005466.D
 Acq: 22 Oct 2018 13:03

Tgt Ion:225 Resp: 103245
 Ion Ratio Lower Upper
 225 100
 223 63.7 30.1 90.5
 227 64.8 30.8 92.4



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

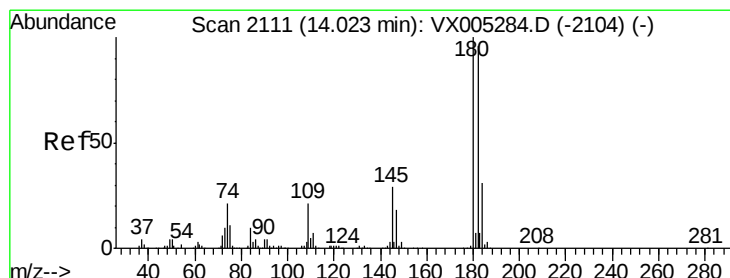
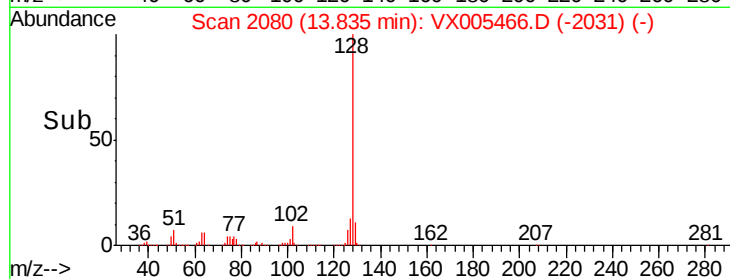
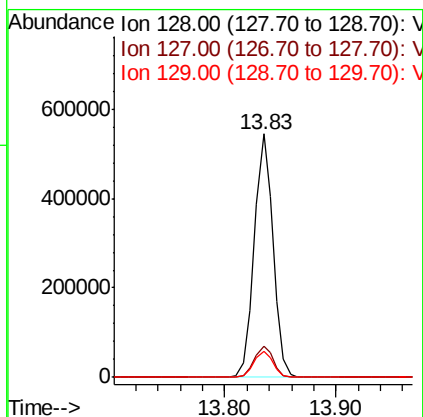
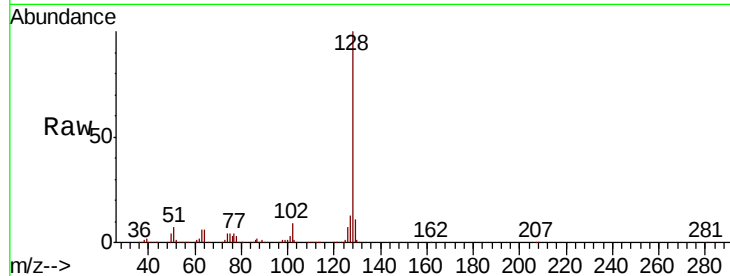




#95
Naphthalene
Concen: 55.228 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005466.D
Acq: 22 Oct 2018 13:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 638777
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 51.647 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.00 min
Lab File: VX005466.D
Acq: 22 Oct 2018 13:03

Tgt Ion:180 Resp: 210753
Ion Ratio Lower Upper
180 100
182 95.2 48.5 145.6
145 30.1 14.9 44.9

