

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020719\
 Data File : VX007431.D
 Acq On : 07 Feb 2019 17:49
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 08 22:12:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	480499	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	703608	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	655639	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	333918	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	249188	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
35) Dibromofluoromethane	5.50	113	228260	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
50) Toluene-d8	8.71	98	845496	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
62) 4-Bromofluorobenzene	11.13	95	307973	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	281198	47.632	ug/l	100
3) Chloromethane	1.33	50	254590	47.041	ug/l	98
4) Vinyl Chloride	1.41	62	263630	49.653	ug/l	99
5) Bromomethane	1.64	94	250518	47.696	ug/l	99
6) Chloroethane	1.72	64	162452	47.298	ug/l	97
7) Trichlorofluoromethane	1.93	101	406505	48.942	ug/l	100
8) Diethyl Ether	2.19	74	149905	47.951	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	230964	46.749	ug/l	98
10) Methyl Iodide	2.51	142	355300	48.887	ug/l	100
11) Tert butyl alcohol	3.07	59	281059	266.288	ug/l	99
12) 1,1-Dichloroethene	2.37	96	211298	46.057	ug/l	98
13) Acrolein	2.30	56	122550	247.606	ug/l	99
14) Allyl chloride	2.73	41	370147	49.516	ug/l	100
15) Acrylonitrile	3.15	53	662001	253.541	ug/l	99
16) Acetone	2.45	43	577943	247.383	ug/l	100
17) Carbon Disulfide	2.57	76	523247	43.887	ug/l	99
18) Methyl Acetate	2.78	43	359745	58.992	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	735319	49.473	ug/l	96
20) Methylene Chloride	2.85	84	247775	51.939	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	223140	45.658	ug/l	95
22) Diisopropyl ether	3.87	45	680559	49.495	ug/l	97
23) Vinyl Acetate	3.82	43	2898891	254.060	ug/l	100
24) 1,1-Dichloroethane	3.70	63	378110	47.884	ug/l	99
25) 2-Butanone	4.70	43	856239	257.536	ug/l	100
26) 2,2-Dichloropropane	4.59	77	281243	46.768	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	249150	46.675	ug/l	100
28) Bromochloromethane	5.02	49	177439	48.864	ug/l	99
29) Tetrahydrofuran	5.15	42	554150	265.013	ug/l	99
30) Chloroform	5.22	83	401356	48.709	ug/l	100
31) Cyclohexane	5.57	56	333586	47.036	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	348130	50.053	ug/l	100
36) 1,1-Dichloropropene	5.80	75	289046	45.785	ug/l	100
37) Ethyl Acetate	4.85	43	315342	49.414	ug/l	99
38) Carbon Tetrachloride	5.78	117	303652	49.579	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020719\
 Data File : VX007431.D
 Acq On : 07 Feb 2019 17:49
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Quant Time: Feb 08 22:12:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	363381	47.575	ug/l	99
40) Benzene	6.14	78	898693	48.326	ug/l	100
41) Methacrylonitrile	5.06	41	178401	52.160	ug/l	99
42) 1,2-Dichloroethane	6.20	62	307326	47.764	ug/l	100
43) Isopropyl Acetate	6.46	43	511703	51.948	ug/l	99
44) Trichloroethene	7.21	130	263045	46.966	ug/l	99
45) 1,2-Dichloropropane	7.52	63	228217	48.980	ug/l	98
46) Dibromomethane	7.66	93	162959	48.121	ug/l	98
47) Bromodichloromethane	7.90	83	288671	50.298	ug/l	97
48) Methyl methacrylate	7.77	41	264695	53.723	ug/l	100
49) 1,4-Dioxane	7.75	88	120245	1072.630	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1684292	259.742	ug/l	99
52) Toluene	8.79	92	578128	48.185	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	322586	52.327	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	354127	52.235	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	249104	49.807	ug/l	96
56) Ethyl methacrylate	9.18	69	358921	51.815	ug/l	98
57) 1,3-Dichloropropane	9.37	76	388127	48.799	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	949098	259.951	ug/l	99
59) 2-Hexanone	9.49	43	1286516	254.958	ug/l	100
60) Dibromochloromethane	9.59	129	251865	53.247	ug/l	97
61) 1,2-Dibromoethane	9.67	107	266066	50.234	ug/l	99
64) Tetrachloroethene	9.34	164	256320	41.479	ug/l	99
65) Chlorobenzene	10.14	112	672042	46.972	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	242132	50.478	ug/l	99
67) Ethyl Benzene	10.25	91	1115750	48.426	ug/l	99
68) m/p-Xylenes	10.36	106	880683	96.157	ug/l	100
69) o-Xylene	10.70	106	424332	48.148	ug/l	99
70) Styrene	10.71	104	694595	48.598	ug/l	99
71) Bromoform	10.86	173	187865	45.084	ug/l	100
73) Isopropylbenzene	11.02	105	1131128	49.848	ug/l	99
74) N-amyl acetate	10.90	43	452304	51.534	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	357705	51.725	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	413769	63.705	ug/l	77
77) Bromobenzene	11.26	156	308709	48.285	ug/l	99
78) n-propylbenzene	11.36	91	1269708	51.028	ug/l	100
79) 2-Chlorotoluene	11.42	91	740655	49.056	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	930210	50.107	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	102838	49.029	ug/l	97
82) 4-Chlorotoluene	11.51	91	862102	49.347	ug/l	100
83) tert-Butylbenzene	11.77	119	946770	51.511	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	951107	50.464	ug/l	100
85) sec-Butylbenzene	11.94	105	1133476	50.953	ug/l	100
86) p-Isopropyltoluene	12.06	119	1012052	50.399	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	543797	47.393	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	536496	46.087	ug/l	99
89) n-Butylbenzene	12.39	91	856360	49.574	ug/l	99
90) Hexachloroethane	12.60	117	159582	53.099	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	534347	46.795	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	74760	51.991	ug/l	97

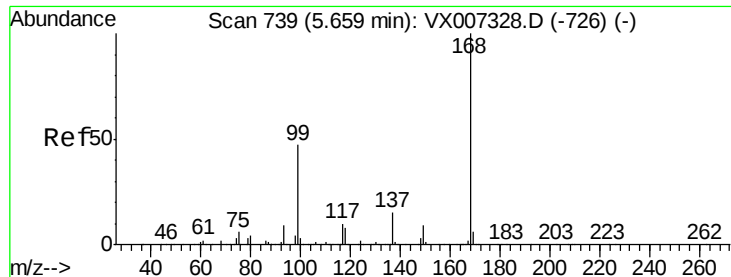
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX020719\
Data File : VX007431.D
Acq On : 07 Feb 2019 17:49
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Feb 08 22:12:02 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	369897	48.034	ug/l	99
94) Hexachlorobutadiene	13.78	225	177763	47.539	ug/l	99
95) Naphthalene	13.83	128	1149857	51.060	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	365233	47.117	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Instrument :

MSVOA_X

ClientSampleId :

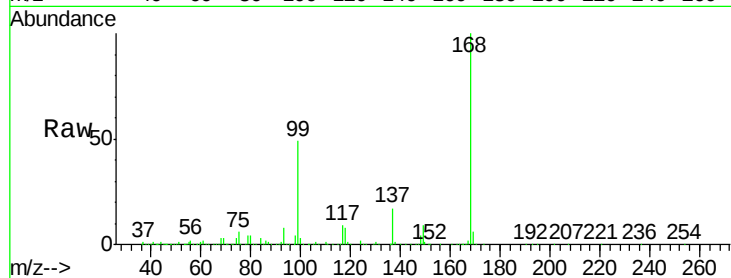
VSTDCCC050EC

Tot Ion:168 Resp: 480499

Ion Ratio Lower Upper

168 100

99 49.2 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

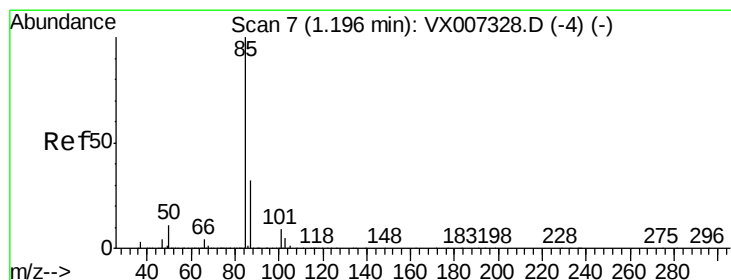
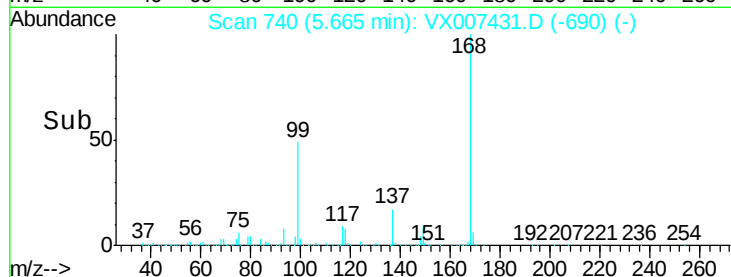
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.632 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007431.D

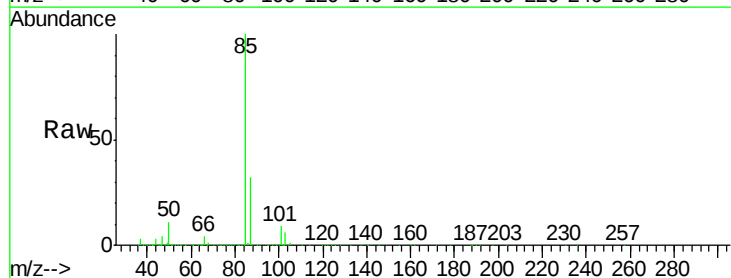
Acq: 07 Feb 2019 17:49

Tgt Ion: 85 Resp: 281198

Ion Ratio Lower Upper

85 100

87 31.6 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

300000

250000

200000

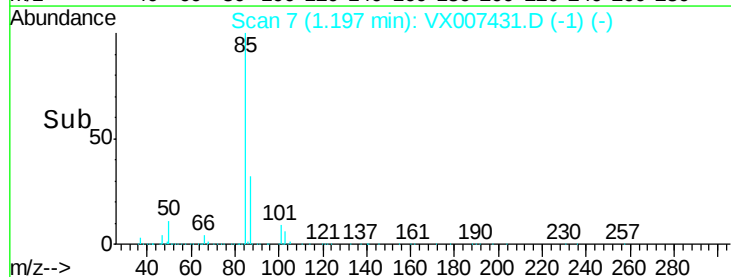
150000

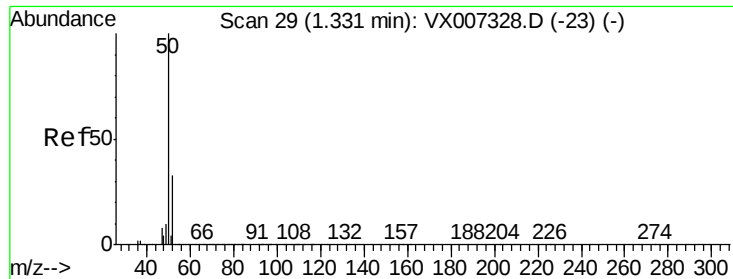
100000

50000

0

Time-->

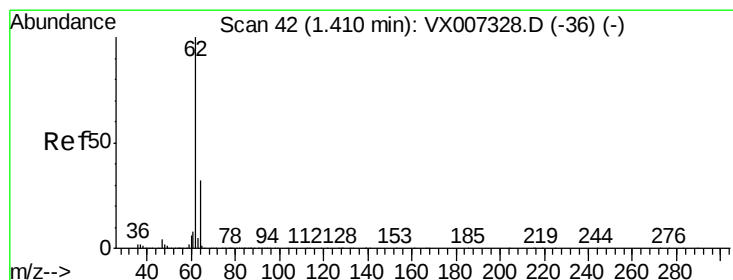
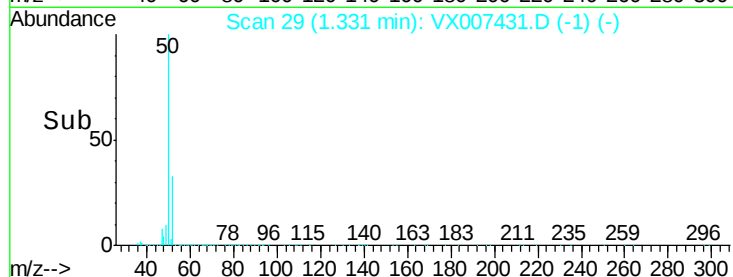
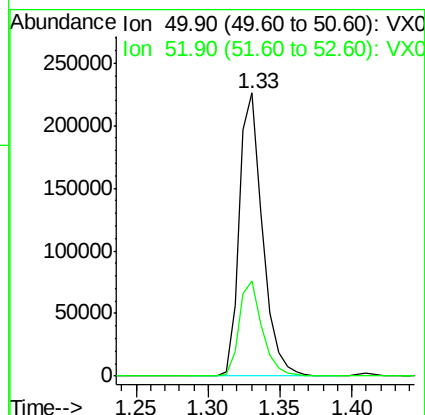
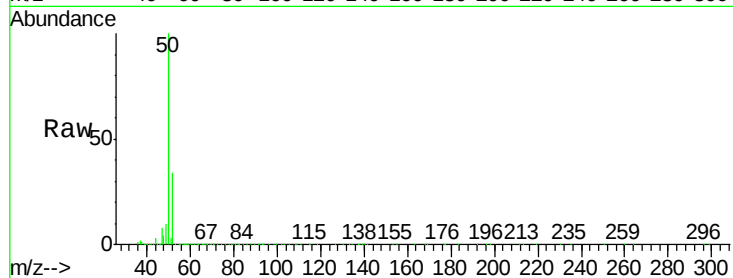




#3
Chloromethane
Concen: 47.041 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX007431.D
Acq: 07 Feb 2019 17:49

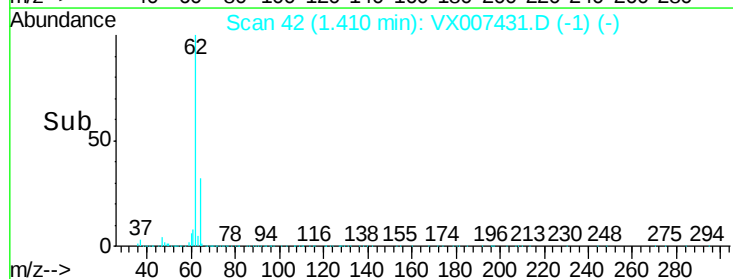
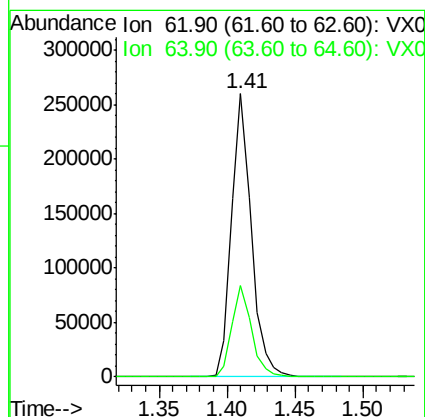
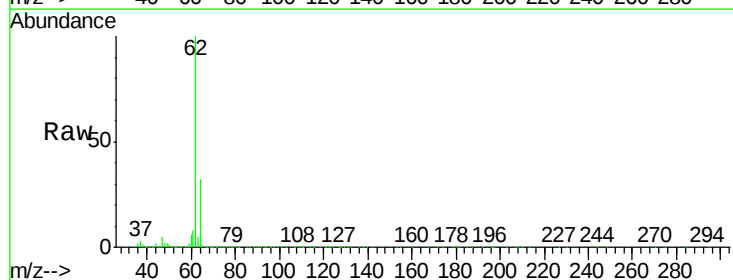
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

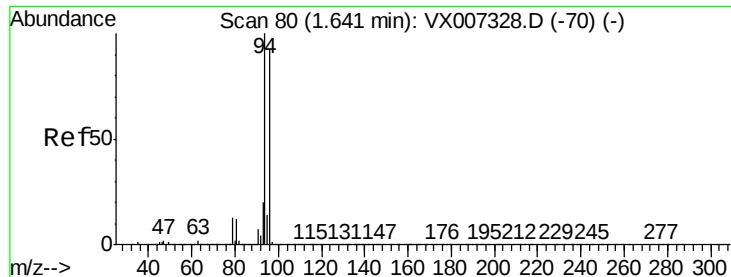
Tot Ion: 50 Resp: 254590
Ion Ratio Lower Upper
50 100
52 33.5 26.1 39.1



#4
Vinyl Chloride
Concen: 49.653 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX007431.D
Acq: 07 Feb 2019 17:49

Tgt Ion: 62 Resp: 263630
Ion Ratio Lower Upper
62 100
64 32.3 25.4 38.0





#5

Bromomethane

Concen: 47.696 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Instrument :

MSVOA_X

ClientSampleId :

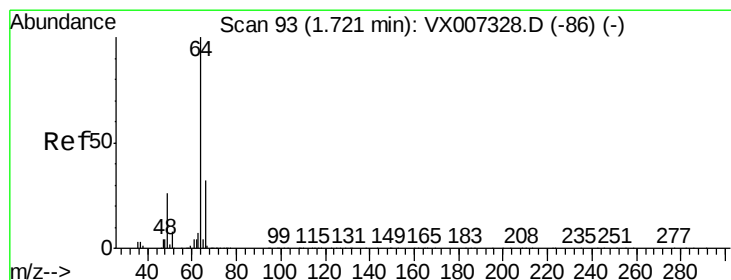
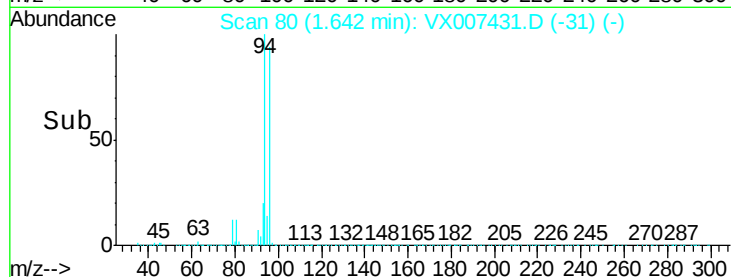
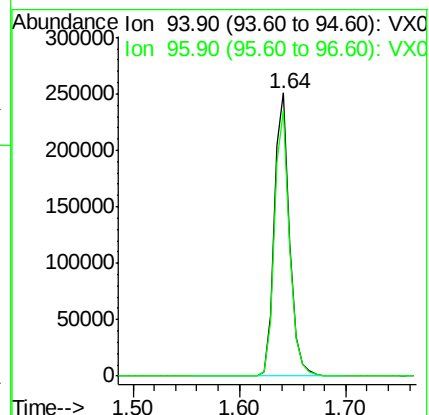
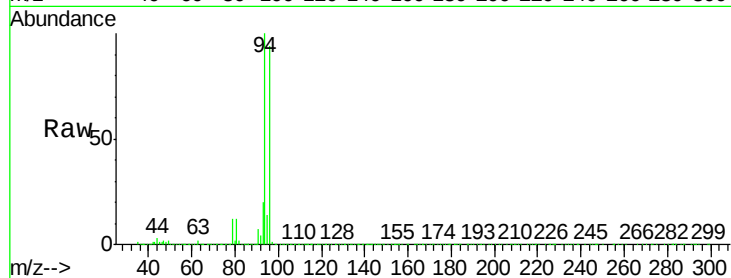
VSTDCCC050EC

Tot Ion: 94 Resp: 250518

Ion Ratio Lower Upper

94 100

96 93.8 73.9 110.9



#6

Chloroethane

Concen: 47.298 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX007431.D

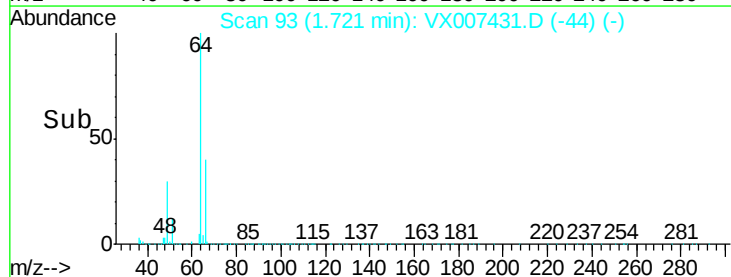
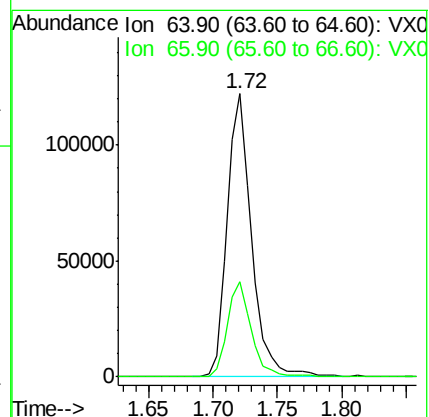
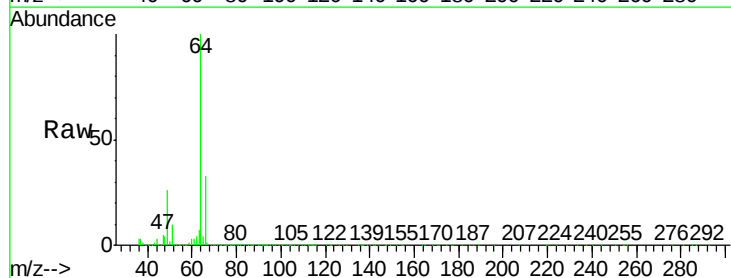
Acq: 07 Feb 2019 17:49

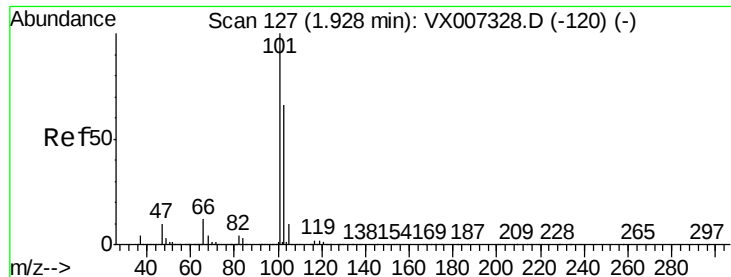
Tgt Ion: 64 Resp: 162452

Ion Ratio Lower Upper

64 100

66 33.4 25.5 38.3



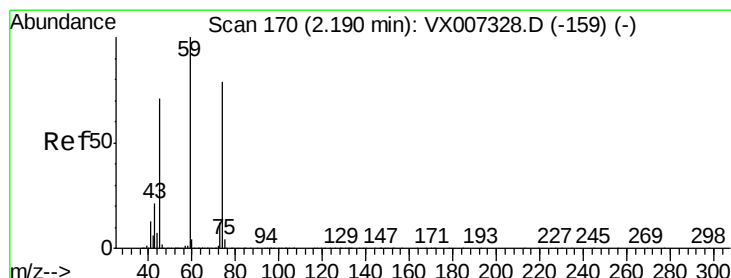
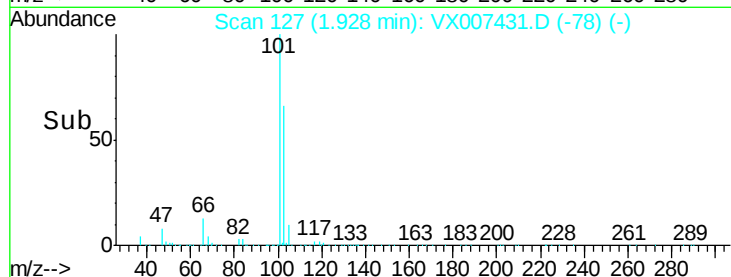
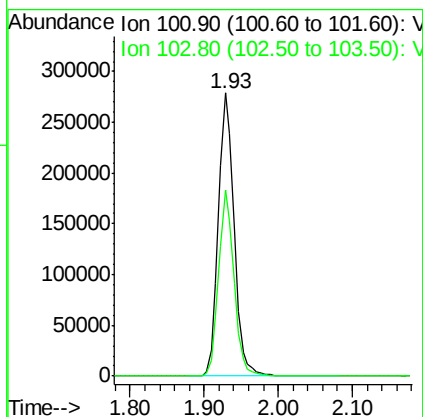
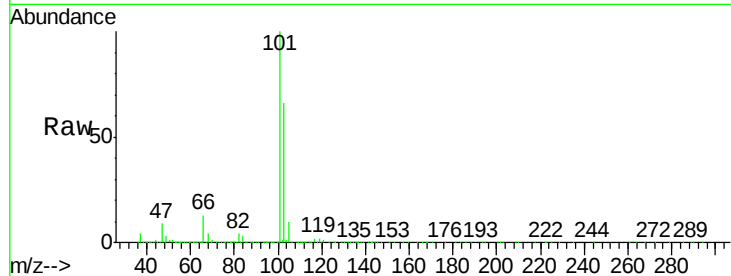


#7

Trichlorofluoromethane
Concen: 48.942 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX007431.D
Acq: 07 Feb 2019 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

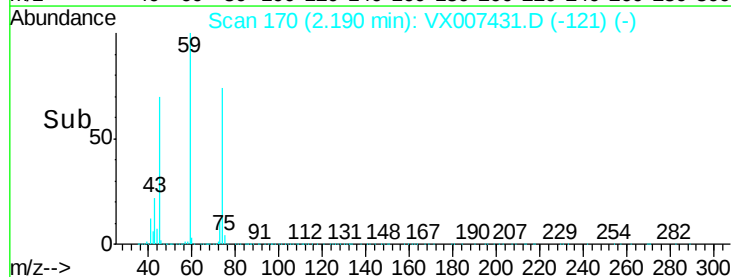
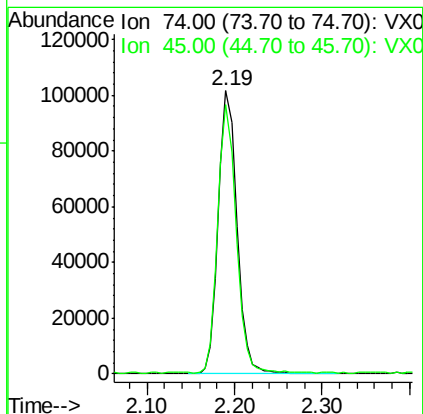
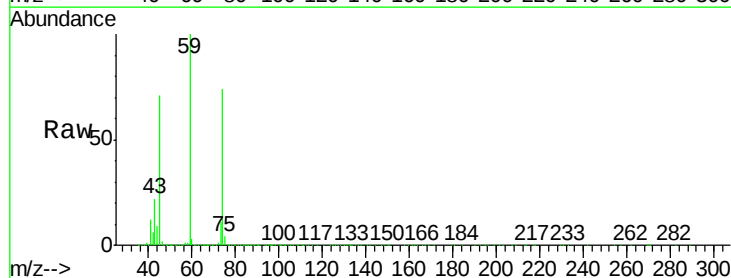
Tot Ion:101 Resp: 406505
Ion Ratio Lower Upper
101 100
103 65.8 52.6 79.0

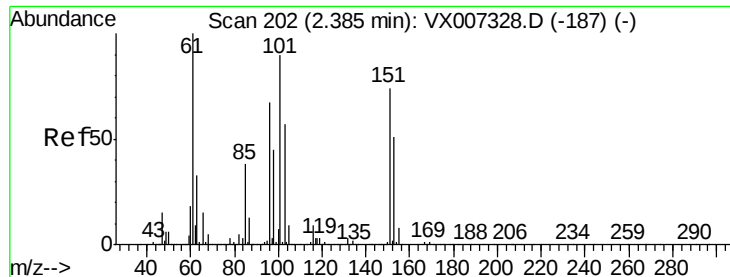


#8

Diethyl Ether
Concen: 47.951 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007431.D
Acq: 07 Feb 2019 17:49

Tgt Ion: 74 Resp: 149905
Ion Ratio Lower Upper
74 100
45 93.7 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.749 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

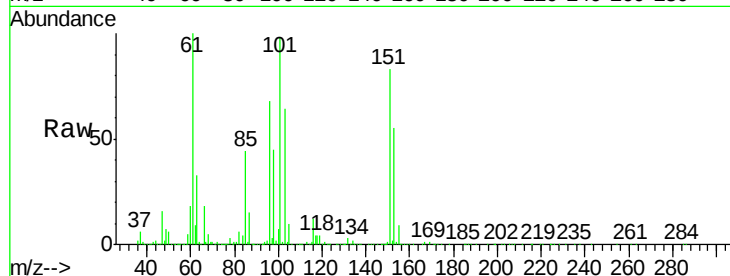
Tot Ion:101 Resp: 230964

Ion Ratio Lower Upper

101 100

85 43.9 34.1 51.1

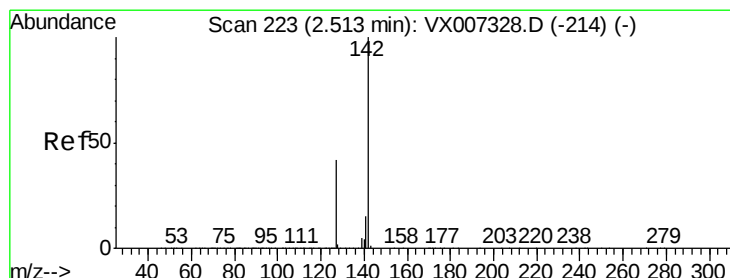
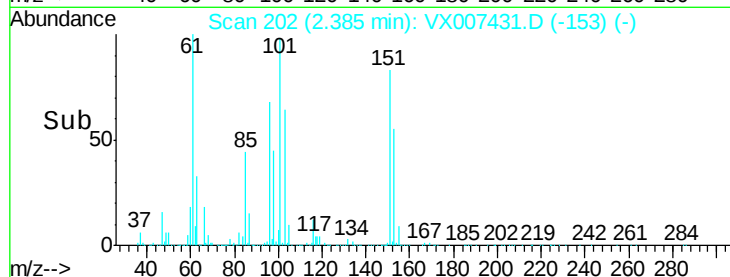
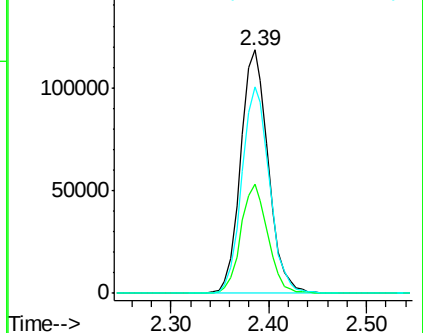
151 85.3 69.9 104.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.887 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

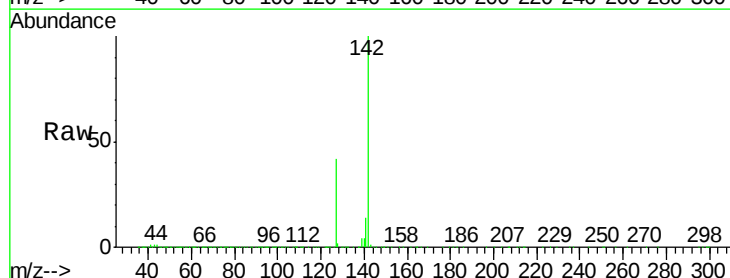
Tgt Ion:142 Resp: 355300

Ion Ratio Lower Upper

142 100

127 42.0 33.7 50.5

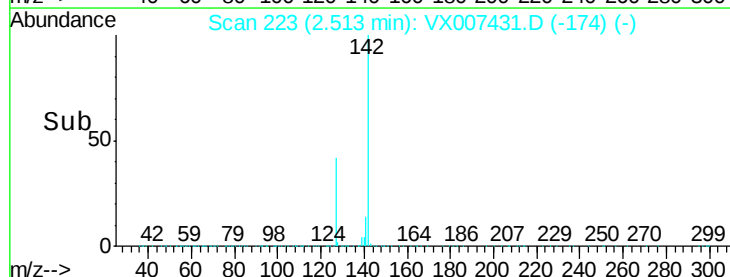
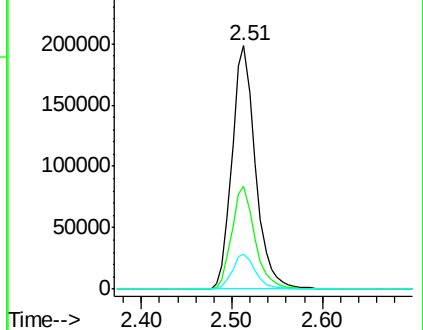
141 14.2 11.3 16.9

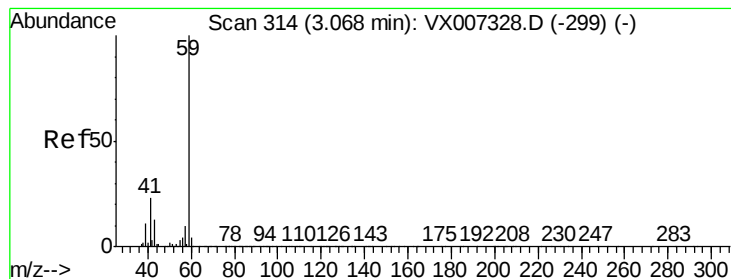


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



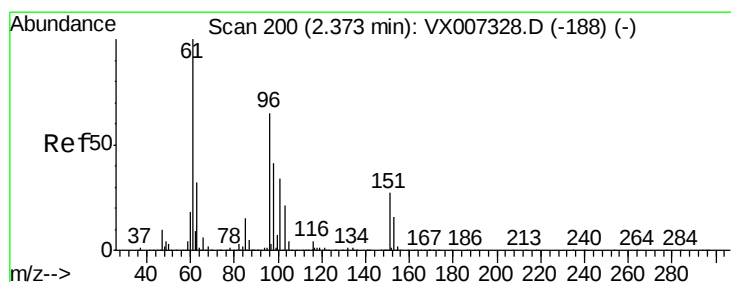
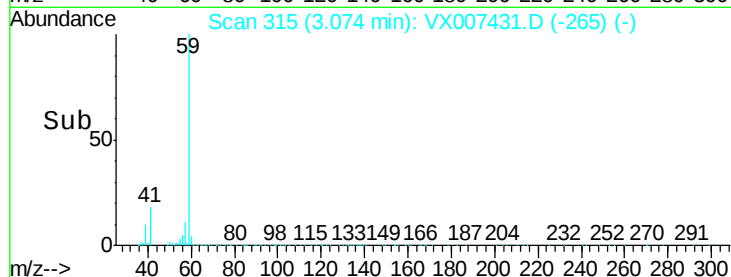
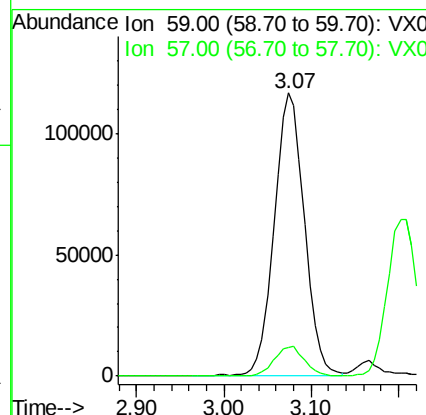
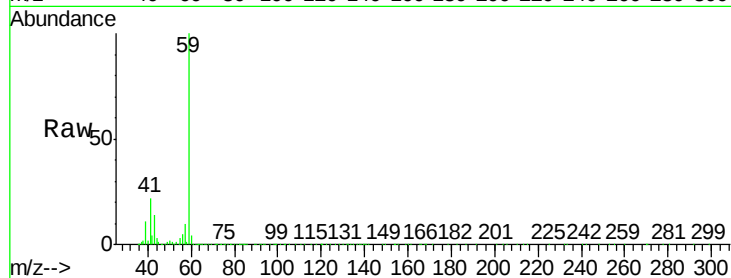


#11

Tert butyl alcohol
Concen: 266.288 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.01 min
Lab File: VX007431.D
Acq: 07 Feb 2019 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

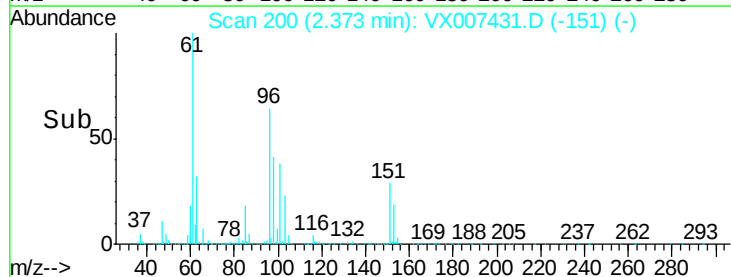
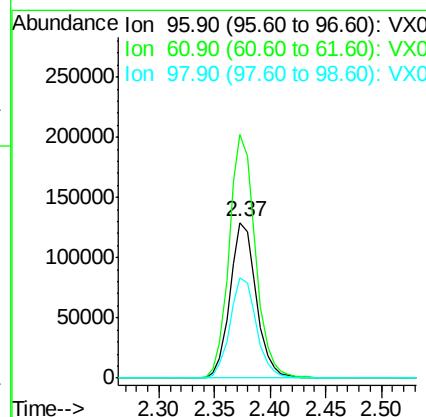
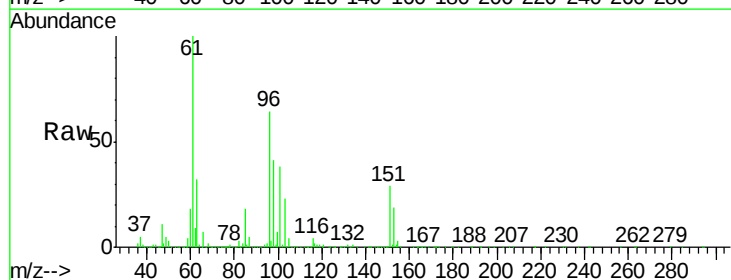
Tot Ion: 59 Resp: 281059
Ion Ratio Lower Upper
59 100
57 10.6 8.1 12.1

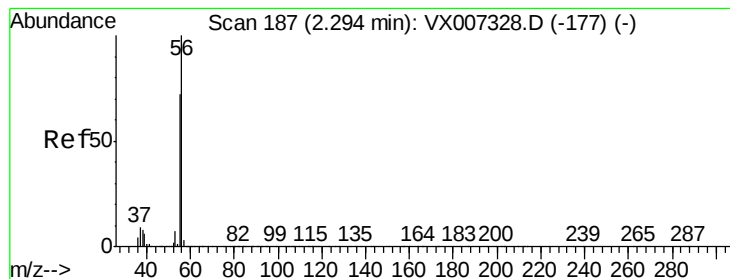


#12

1,1-Dichloroethene
Concen: 46.057 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX007431.D
Acq: 07 Feb 2019 17:49

Tgt Ion: 96 Resp: 211298
Ion Ratio Lower Upper
96 100
61 156.1 123.0 184.4
98 64.1 50.9 76.3





#13

Acrolein

Concen: 247.606 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Instrument :

MSVOA_X

ClientSampleId :

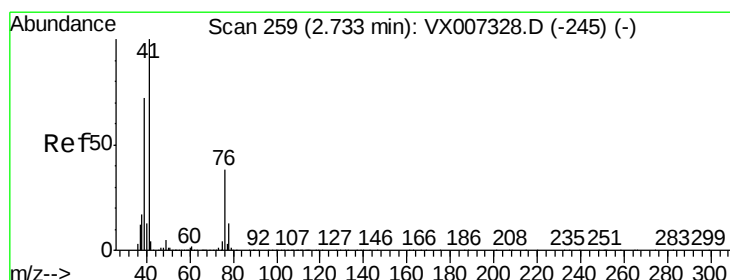
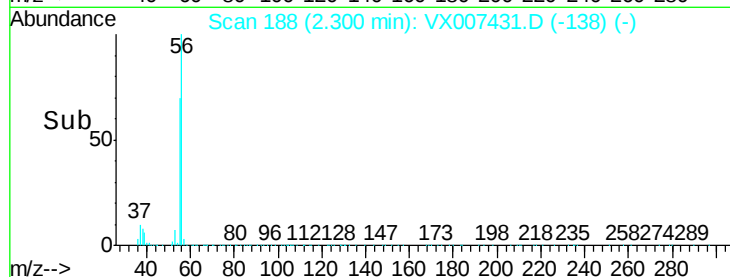
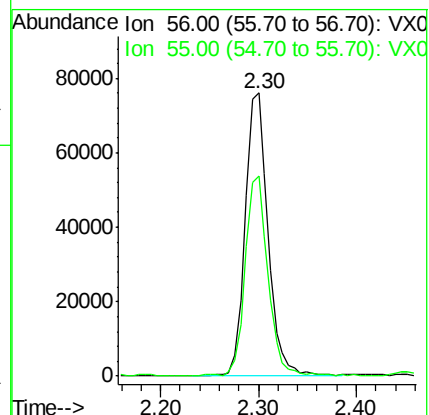
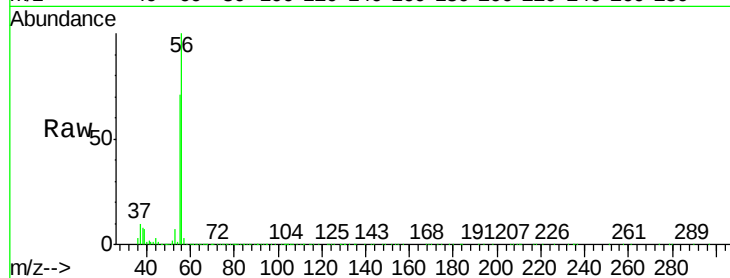
VSTDCCC050EC

Tot Ion: 56 Resp: 122550

Ion Ratio Lower Upper

56 100

55 70.4 56.9 85.3



#14

Allyl chloride

Concen: 49.516 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

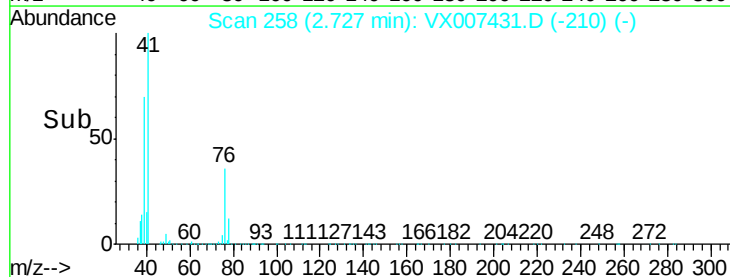
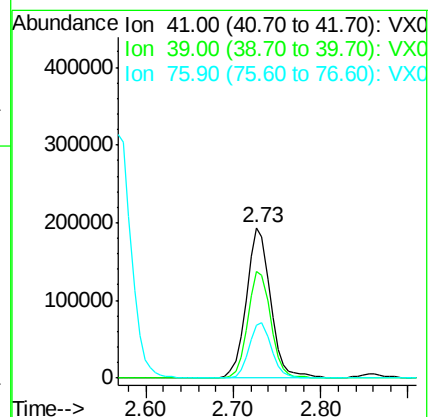
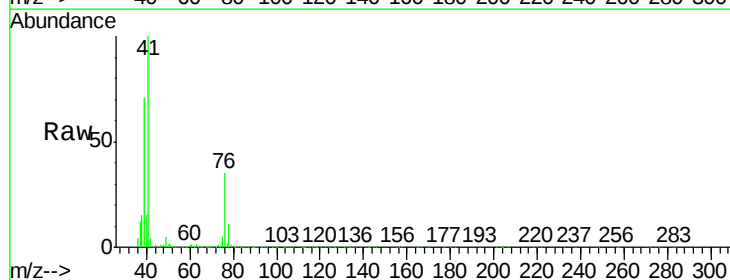
Tgt Ion: 41 Resp: 370147

Ion Ratio Lower Upper

41 100

39 67.6 54.1 81.1

76 34.1 27.8 41.8





#15

Acrylonitrile

Concen: 253.541 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

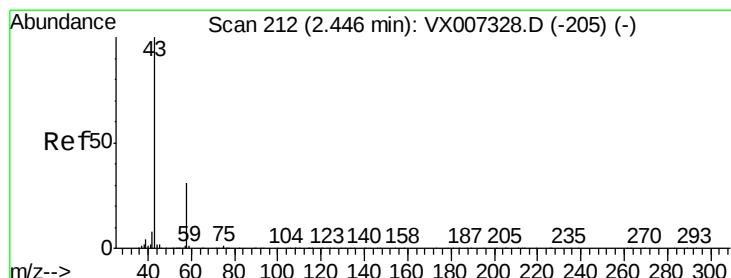
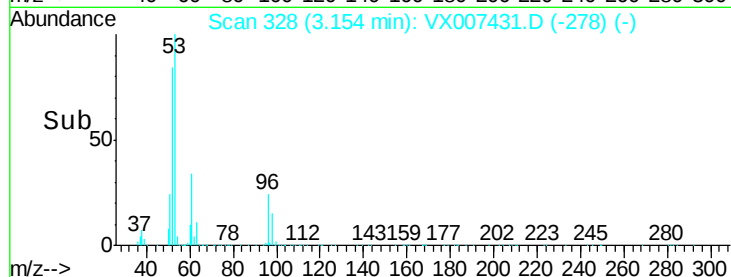
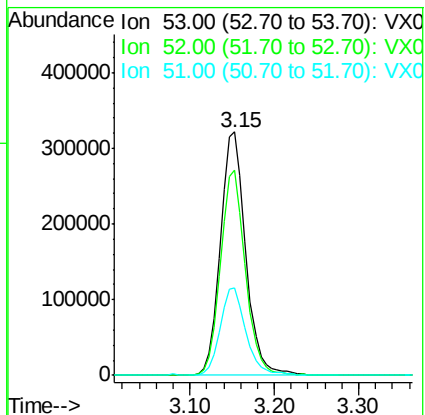
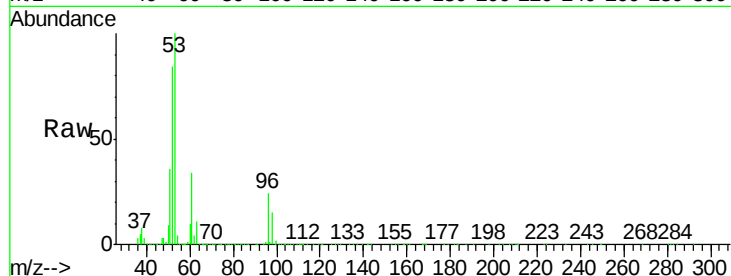
Tot Ion: 53 Resp: 662001

Ion Ratio Lower Upper

53 100

52 83.2 66.4 99.6

51 36.5 28.4 42.6



#16

Acetone

Concen: 247.383 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007431.D

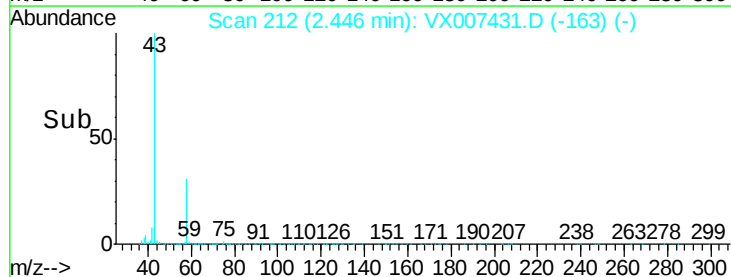
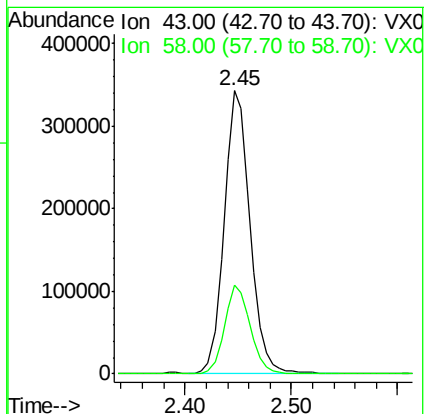
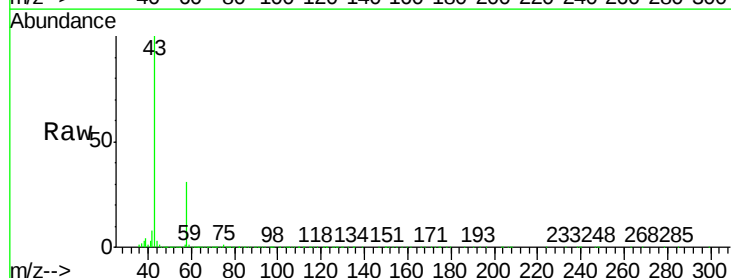
Acq: 07 Feb 2019 17:49

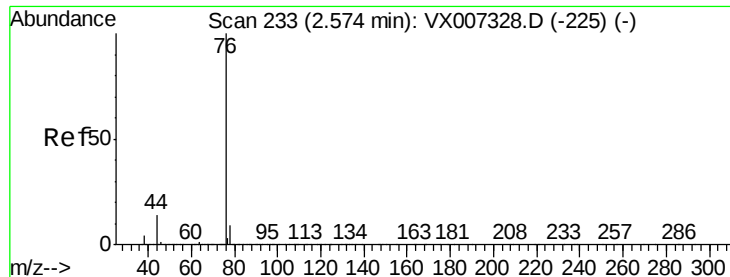
Tgt Ion: 43 Resp: 577943

Ion Ratio Lower Upper

43 100

58 31.2 24.9 37.3

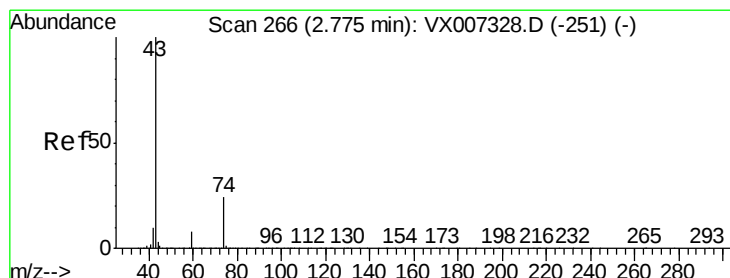
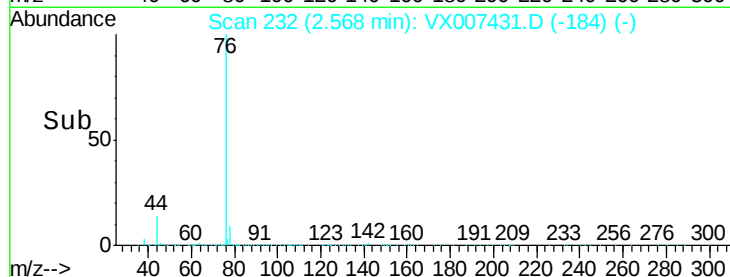
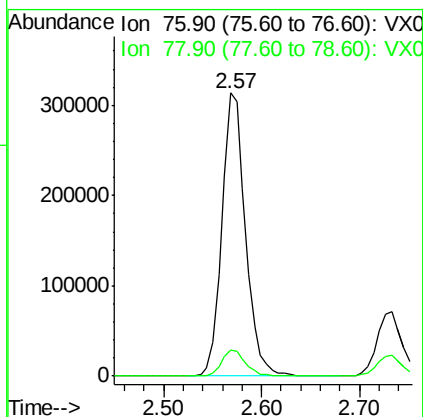
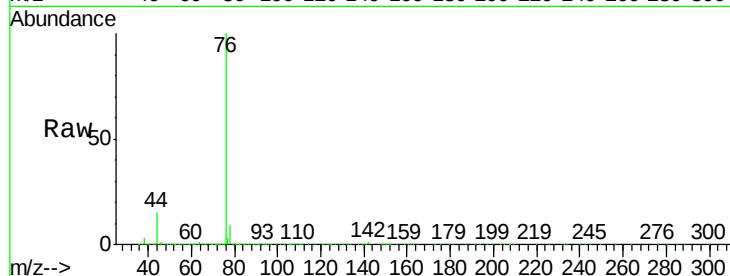




#17
Carbon Disulfide
Concen: 43.887 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.01 min
Lab File: VX007431.D
Acq: 07 Feb 2019 17:49

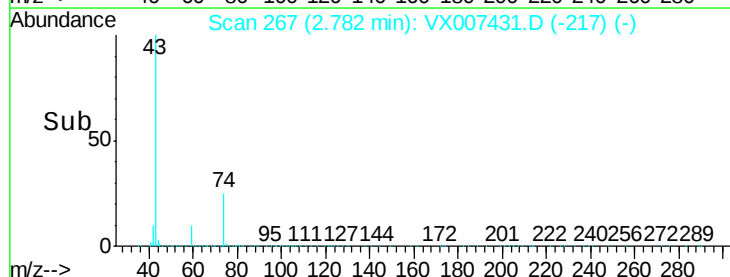
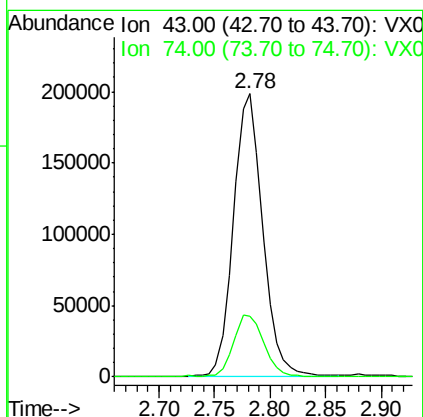
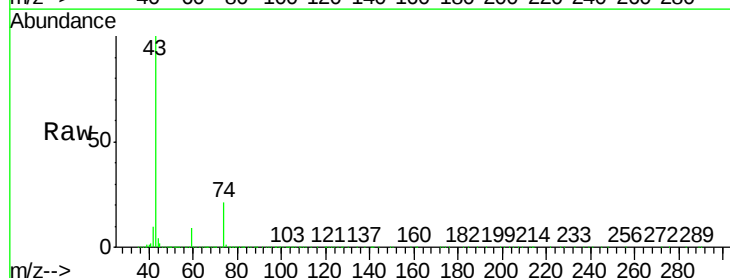
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

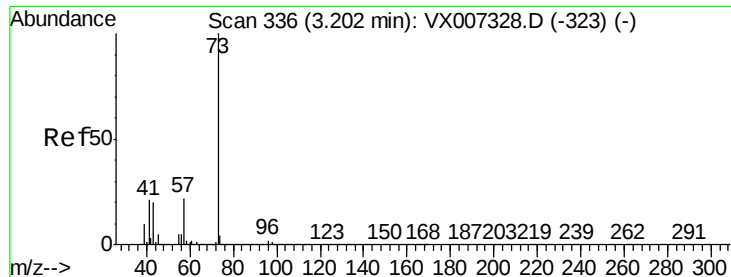
Tot Ion: 76 Resp: 523247
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7



#18
Methyl Acetate
Concen: 58.992 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX007431.D
Acq: 07 Feb 2019 17:49

Tgt Ion: 43 Resp: 359745
Ion Ratio Lower Upper
43 100
74 23.4 19.4 29.2

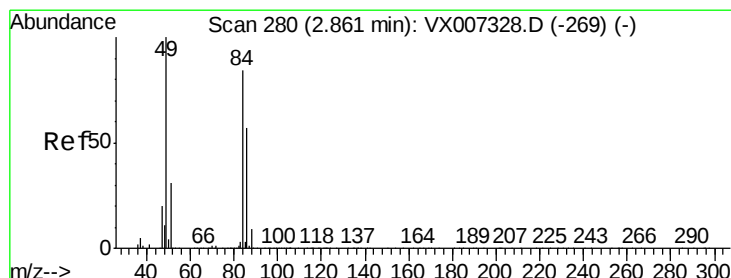
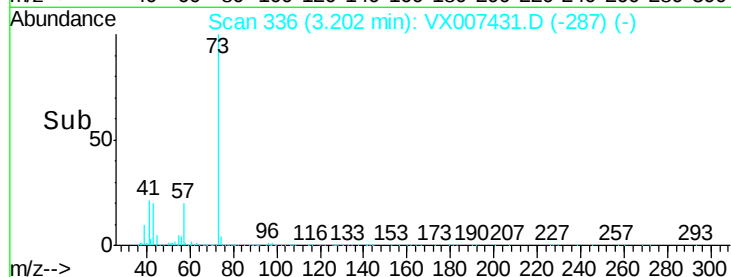
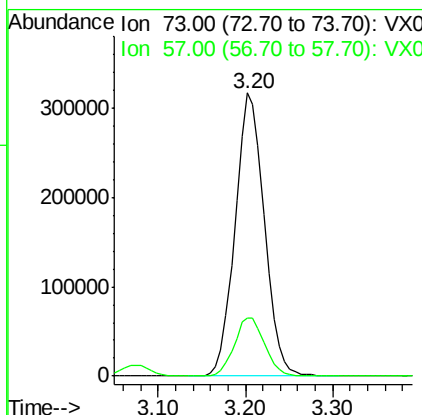
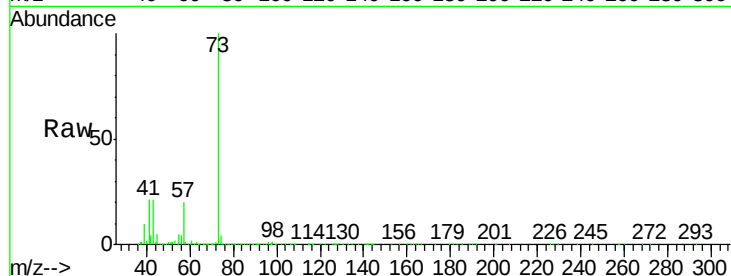




#19
Methvl tert-butvl Ether
Concen: 49.473 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX007431.D
Acq: 07 Feb 2019 17:49

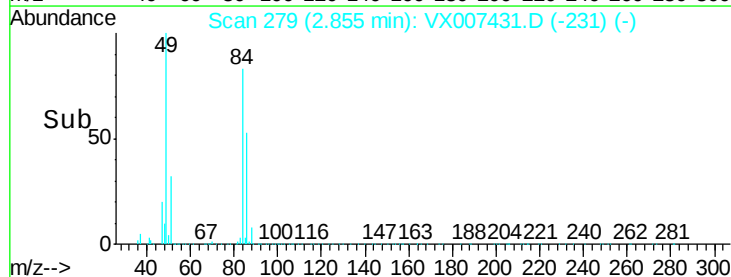
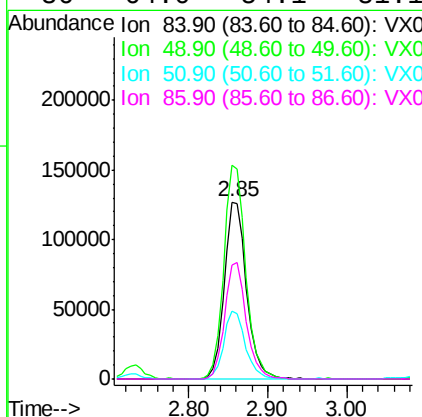
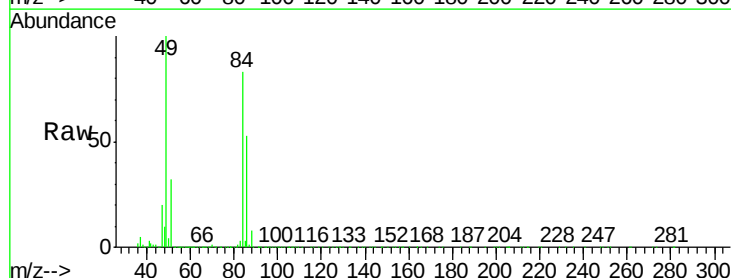
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

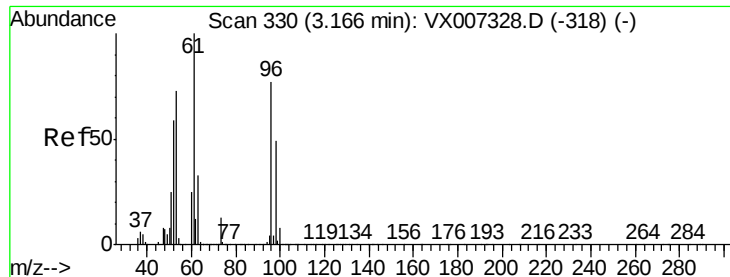
Tot Ion: 73 Resp: 735319
Ion Ratio Lower Upper
73 100
57 20.4 17.8 26.8



#20
Methylene Chloride
Concen: 51.939 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX007431.D
Acq: 07 Feb 2019 17:49

Tgt Ion: 84 Resp: 247775
Ion Ratio Lower Upper
84 100
49 120.4 94.8 142.2
51 38.0 29.8 44.8
86 64.0 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 45.658 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

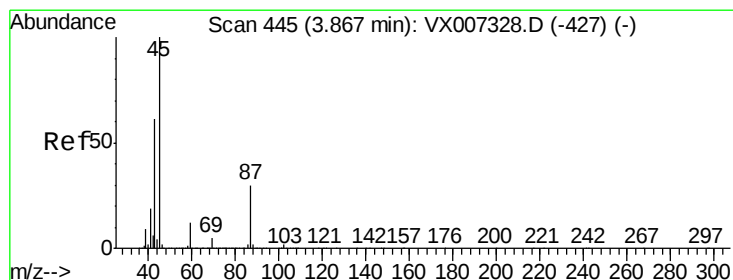
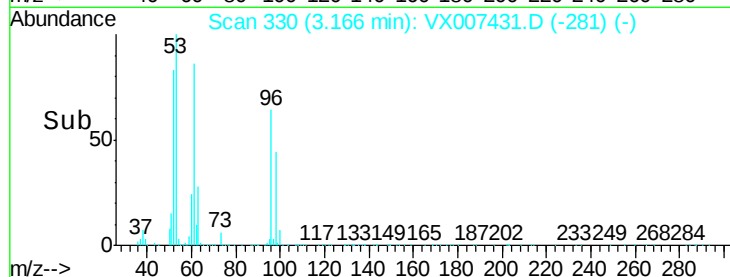
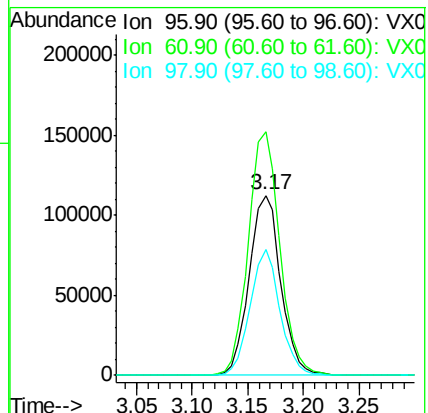
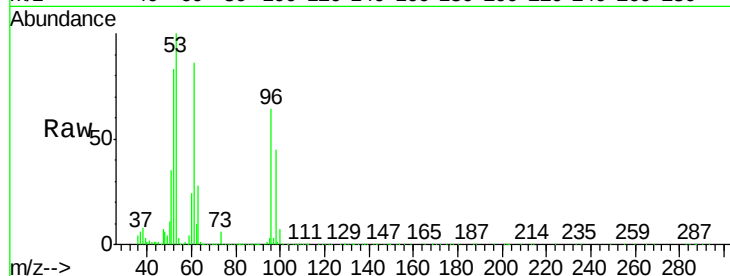
Tot Ion: 96 Resp: 223140

Ion Ratio Lower Upper

96 100

61 135.2 104.6 156.8

98 69.9 51.0 76.4



#22

Diisopropyl ether

Concen: 49.495 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Tgt Ion: 45 Resp: 680559

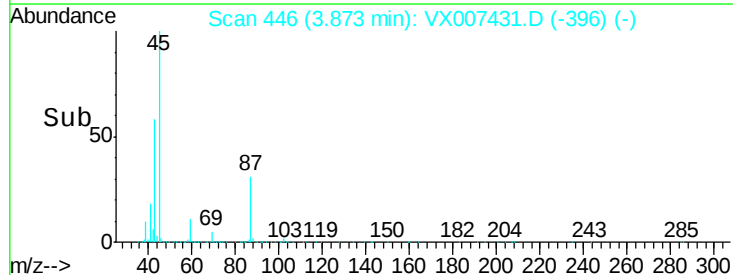
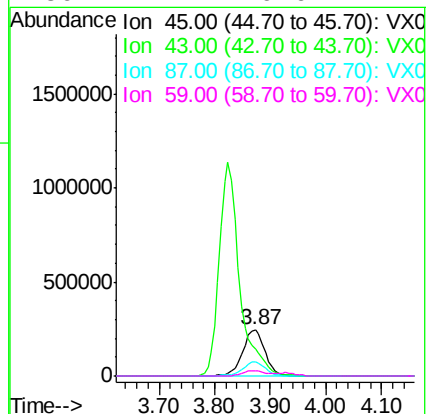
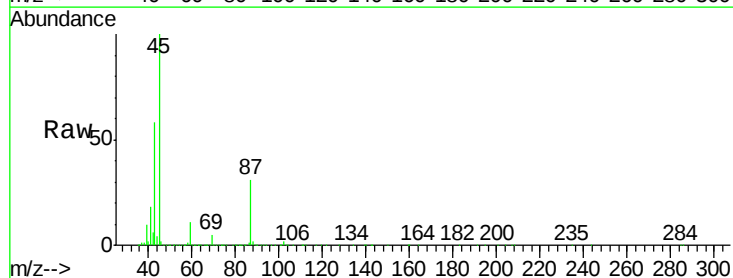
Ion Ratio Lower Upper

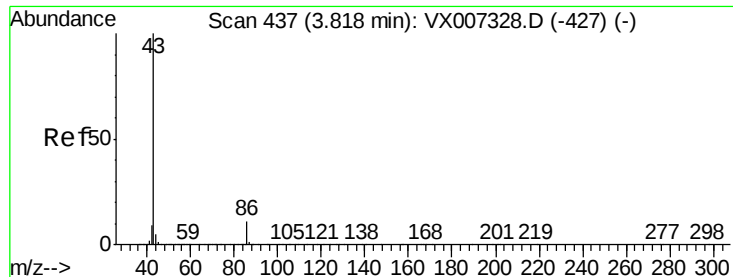
45 100

43 57.5 48.9 73.3

87 30.6 23.9 35.9

59 11.4 9.6 14.4





#23

Vinyl Acetate

Concen: 254.060 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Instrument :

MSVOA_X

ClientSampleId :

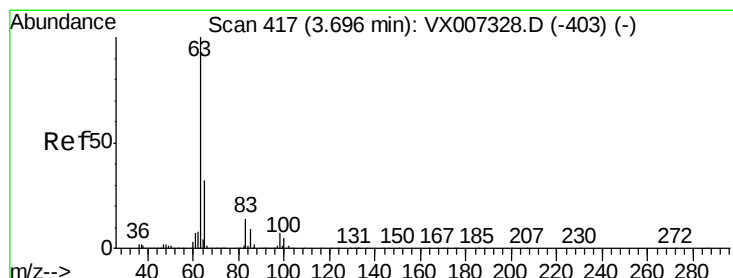
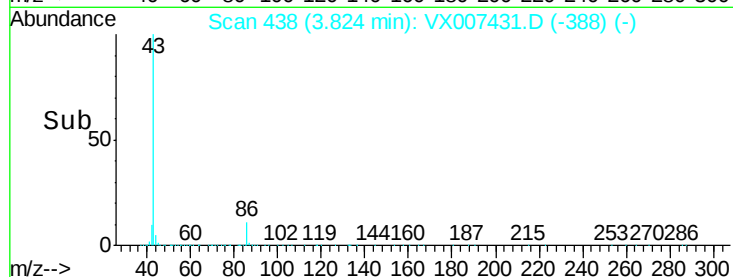
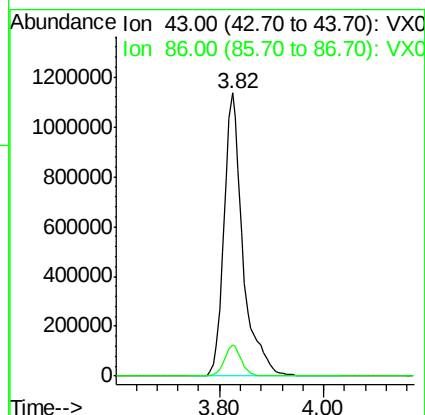
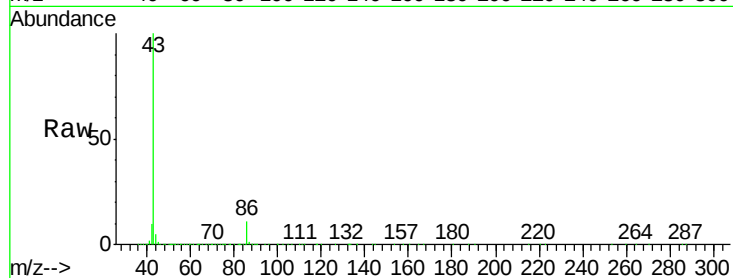
VSTDCCC050EC

Tot Ion: 43 Resp: 2898891

Ion Ratio Lower Upper

43 100

86 11.0 8.7 13.1



#24

1,1-Dichloroethane

Concen: 47.884 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

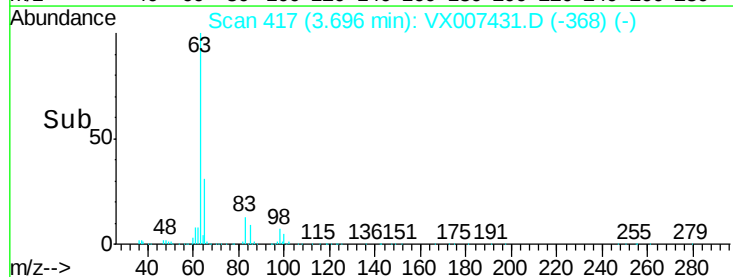
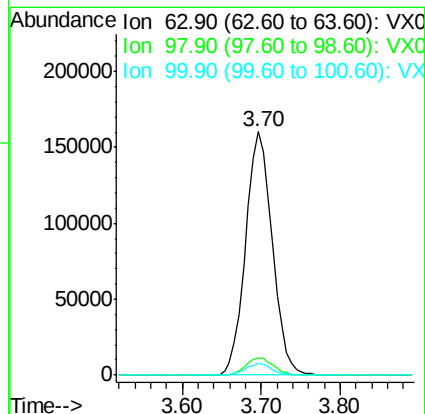
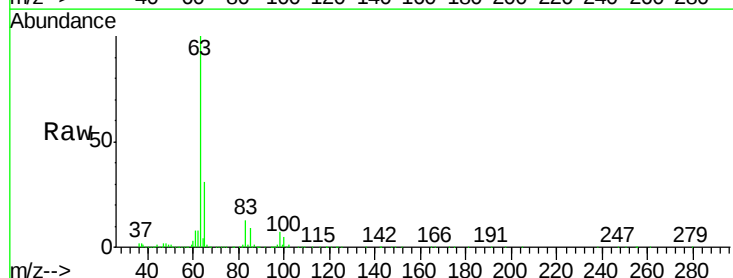
Tgt Ion: 63 Resp: 378110

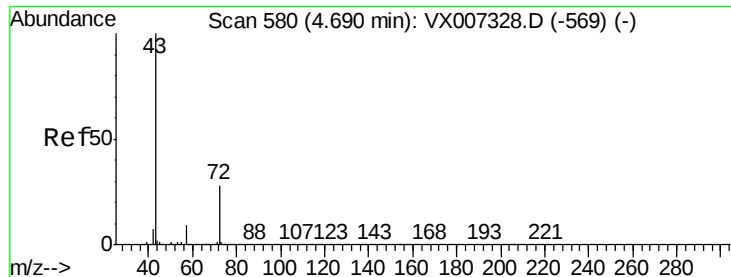
Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.8

100 4.7 2.5 7.4





#25

2-Butanone

Concen: 257.536 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Instrument :

MSVOA_X

ClientSampleId :

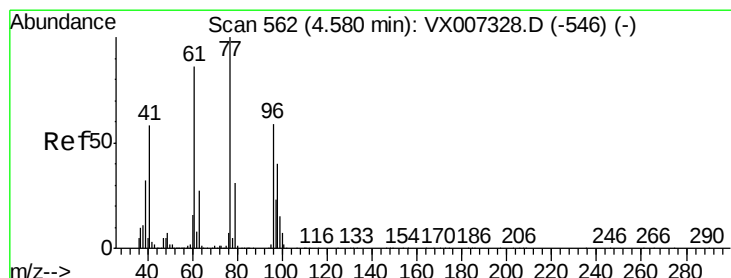
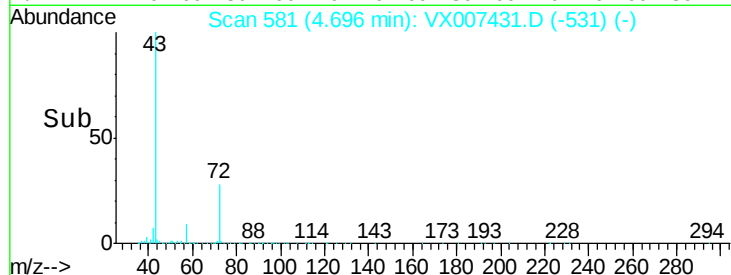
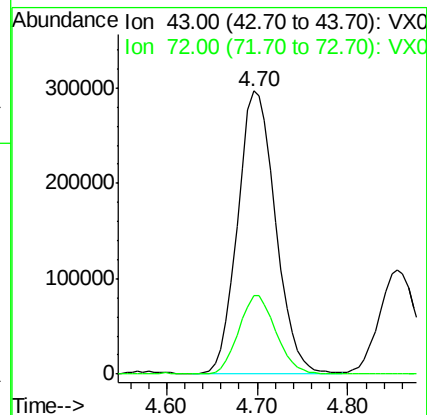
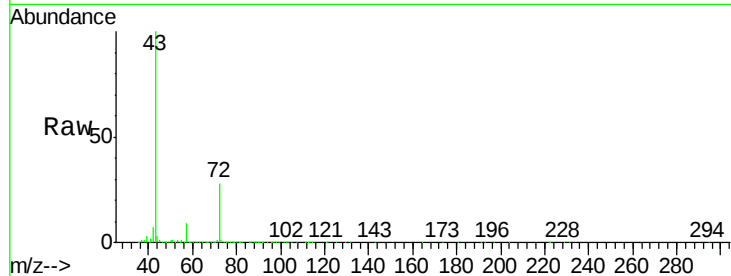
VSTDCCC050EC

Tot Ion: 43 Resp: 856239

Ion Ratio Lower Upper

43 100

72 27.9 22.2 33.2



#26

2,2-Dichloropropane

Concen: 46.768 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX007431.D

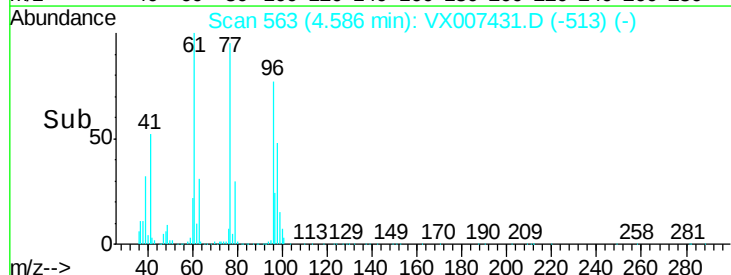
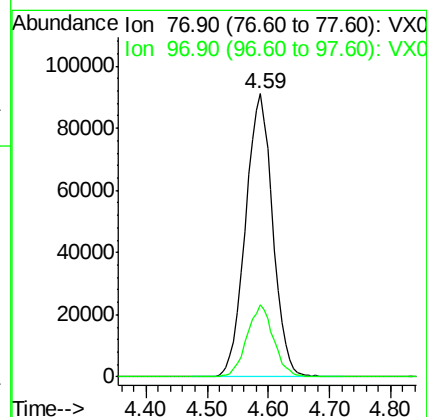
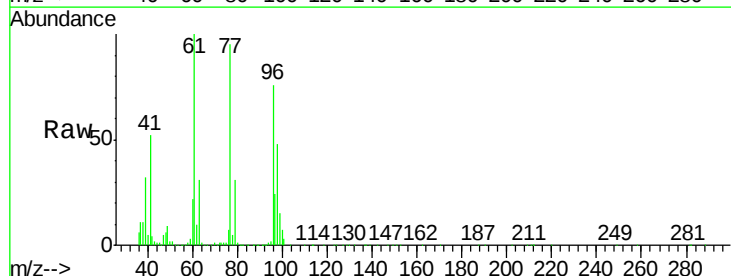
Acq: 07 Feb 2019 17:49

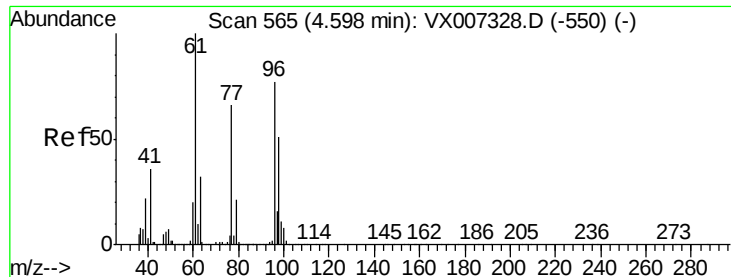
Tgt Ion: 77 Resp: 281243

Ion Ratio Lower Upper

77 100

97 24.8 12.1 36.3



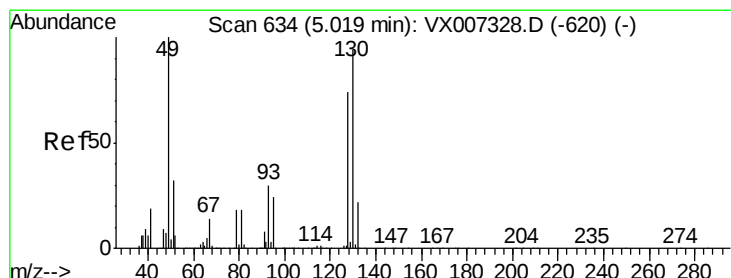
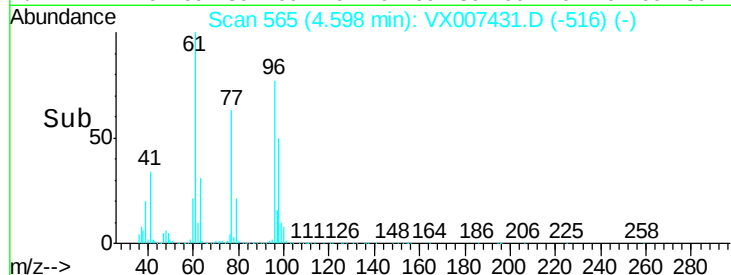
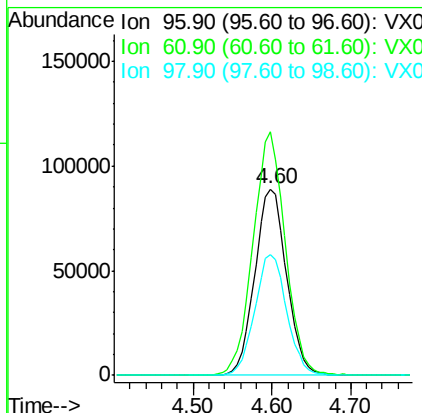
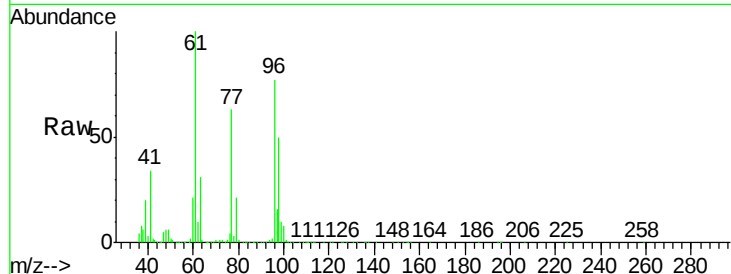


#27

cis-1,2-Dichloroethene
Concen: 46.675 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007431.D
Acq: 07 Feb 2019 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

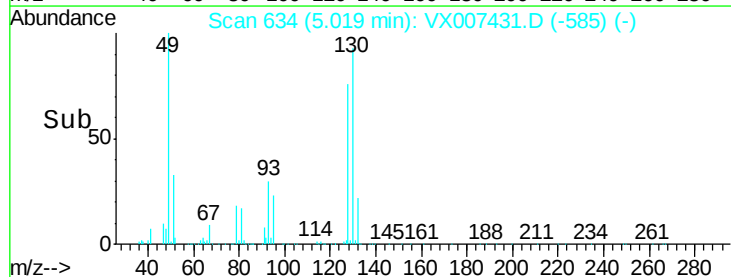
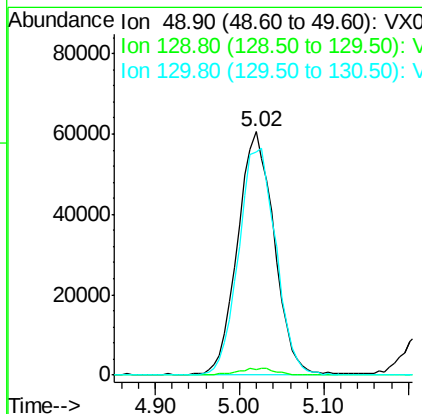
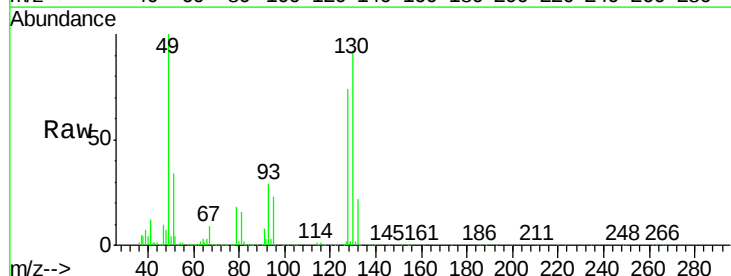
Tot Ion	Ratio	Lower	Upper
96	100		
61	132.2	0.0	265.6
98	65.4	0.0	131.6

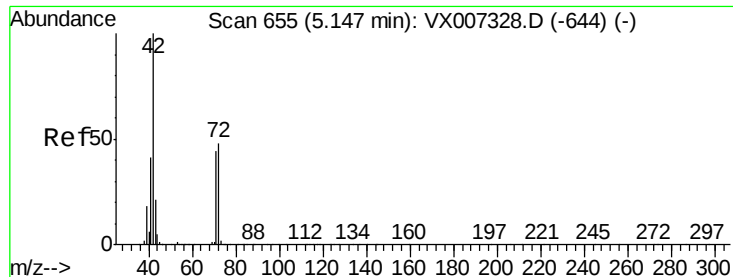


#28

Bromochloromethane
Concen: 48.864 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX007431.D
Acq: 07 Feb 2019 17:49

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.6
130	95.6	75.6	113.4

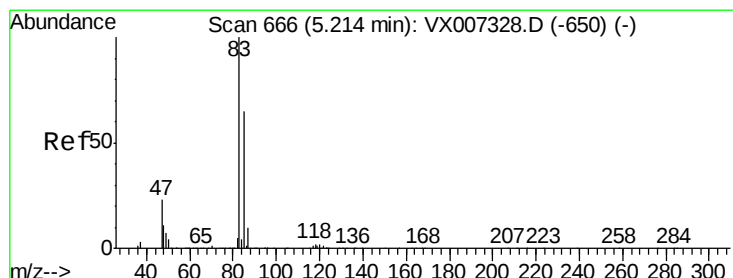
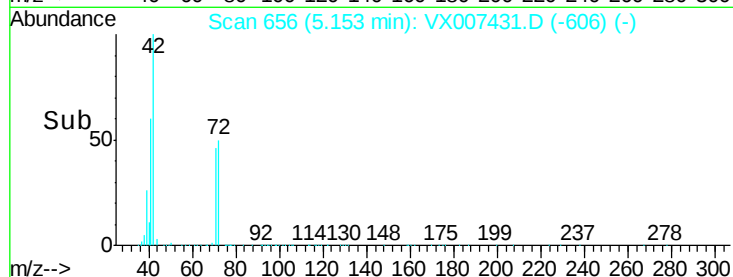
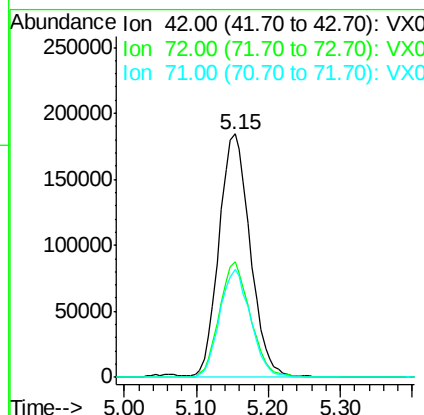
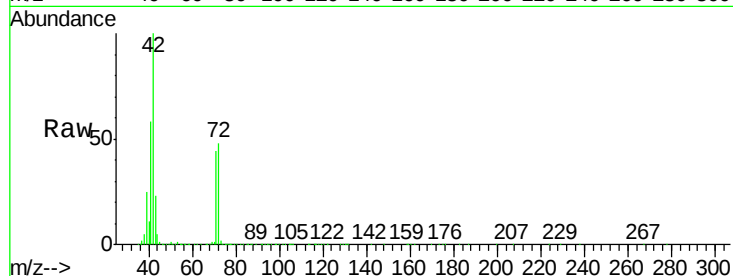




#29
Tetrahydrofuran
Concen: 265.013 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX007431.D
Acq: 07 Feb 2019 17:49

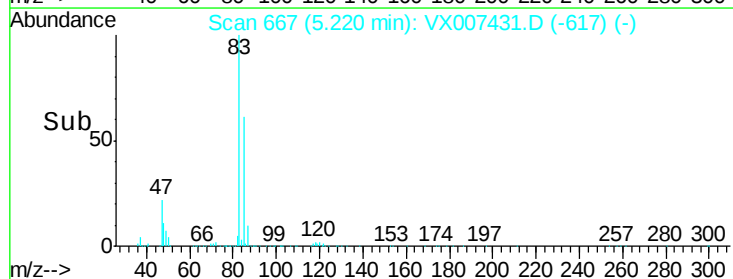
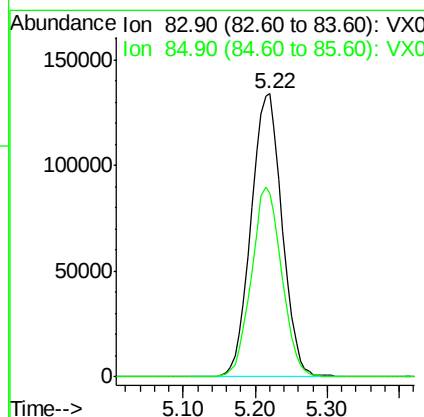
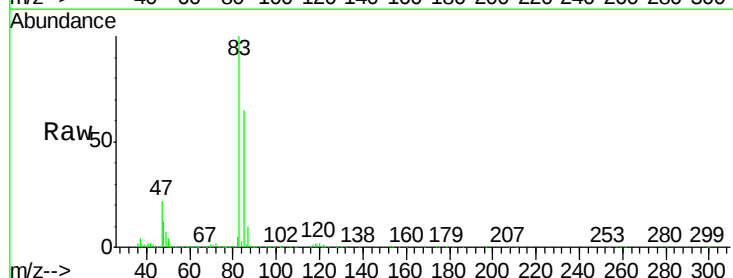
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

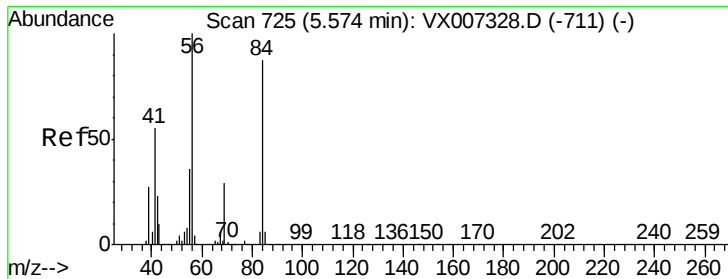
Tot Ion: 42 Resp: 554150
Ion Ratio Lower Upper
42 100
72 47.5 37.6 56.4
71 44.0 34.6 51.8



#30
Chloroform
Concen: 48.709 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX007431.D
Acq: 07 Feb 2019 17:49

Tgt Ion: 83 Resp: 401356
Ion Ratio Lower Upper
83 100
85 64.9 51.6 77.4

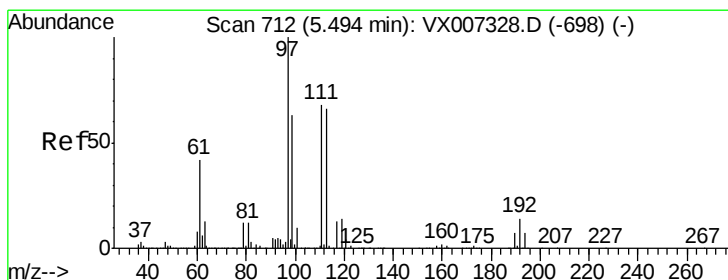
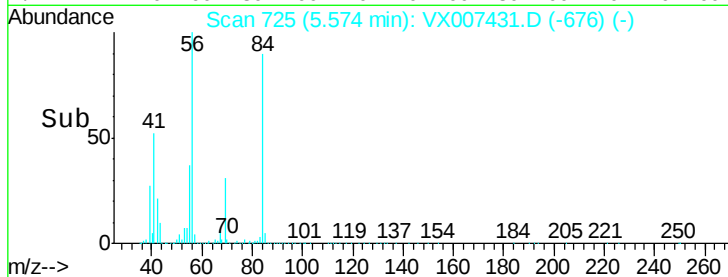
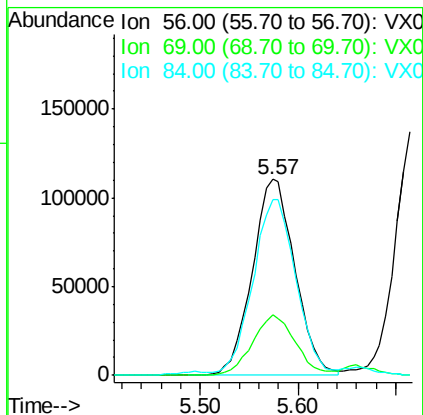
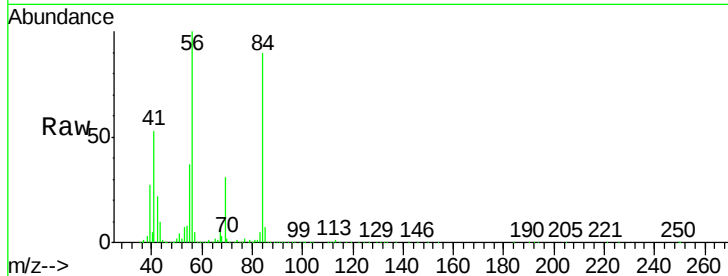




#31
Cyclohexane
Concen: 47.036 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX007431.D
Acq: 07 Feb 2019 17:49

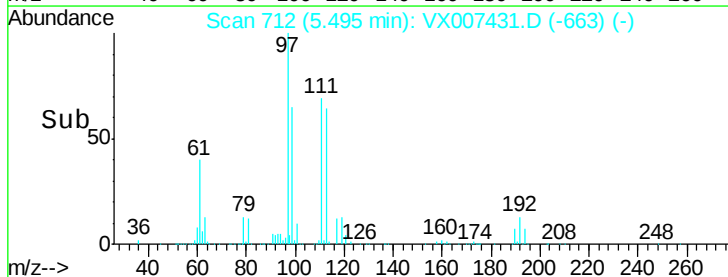
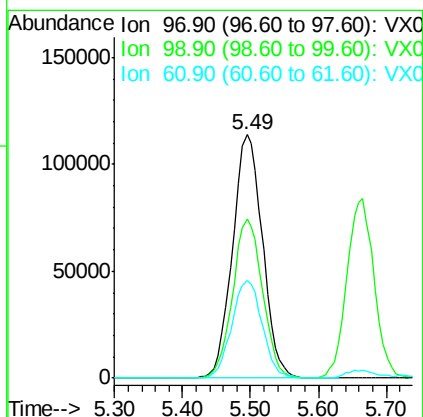
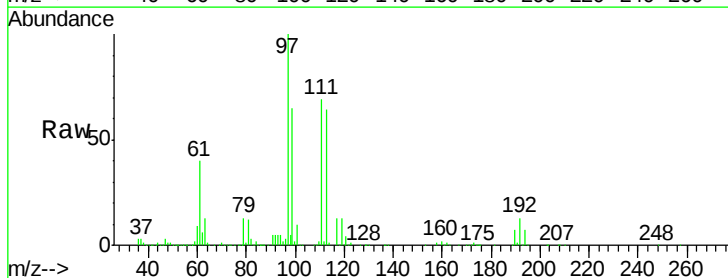
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

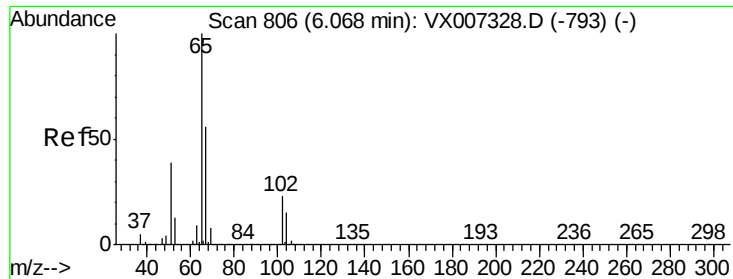
Tot Ion: 56 Resp: 333586
Ion Ratio Lower Upper
56 100
69 31.1 23.0 34.6
84 88.4 69.8 104.6



#32
1,1,1-Trichloroethane
Concen: 50.053 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX007431.D
Acq: 07 Feb 2019 17:49

Tgt Ion: 97 Resp: 348130
Ion Ratio Lower Upper
97 100
99 65.2 52.2 78.2
61 40.7 32.7 49.1





#33

1,2-Dichloroethane-d4

Concen: 48.859 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Instrument :

MSVOA_X

ClientSampleId :

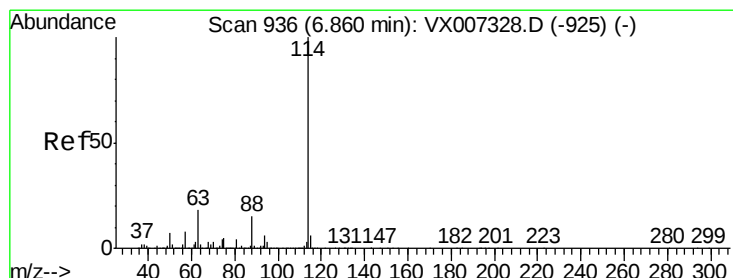
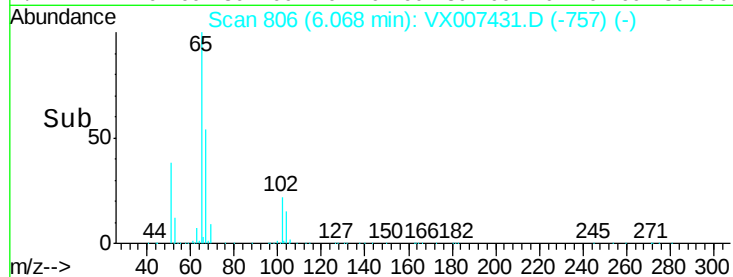
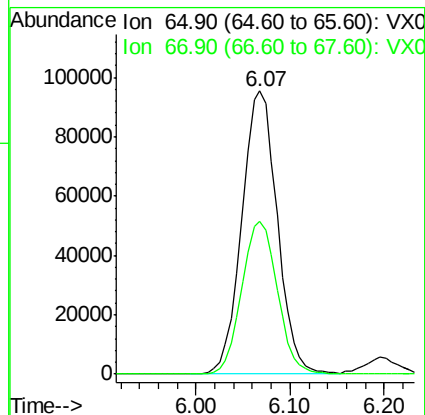
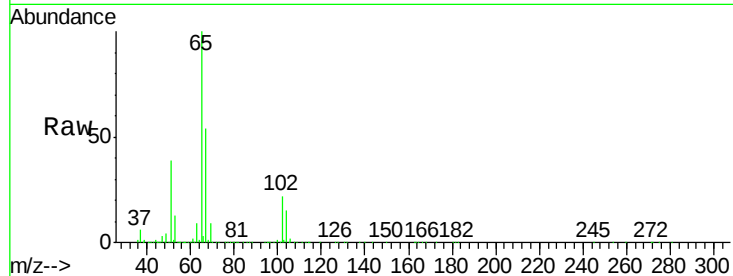
VSTDCCC050EC

Tot Ion: 65 Resp: 249188

Ion Ratio Lower Upper

65 100

67 54.1 0.0 108.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

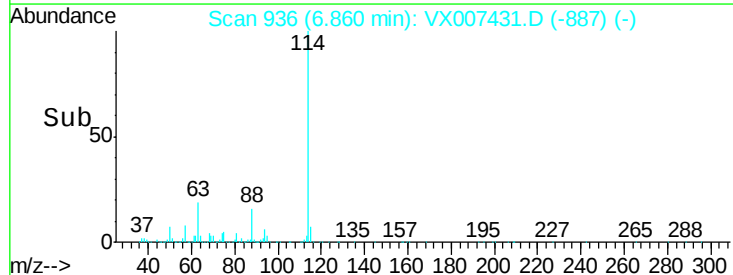
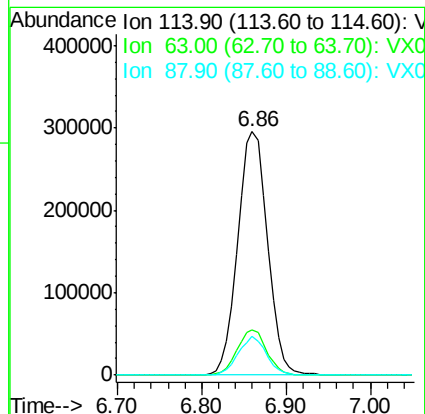
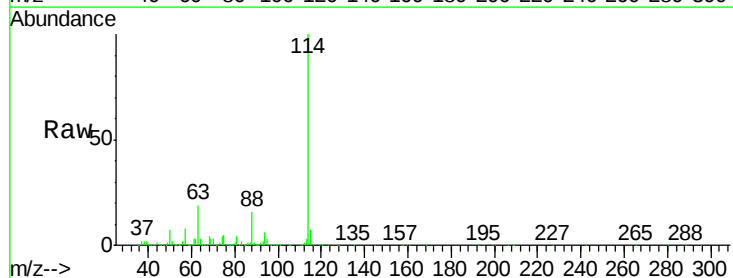
Tgt Ion: 114 Resp: 703608

Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.6

88 15.7 0.0 29.6





#35

Dibromofluoromethane

Concen: 49.859 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

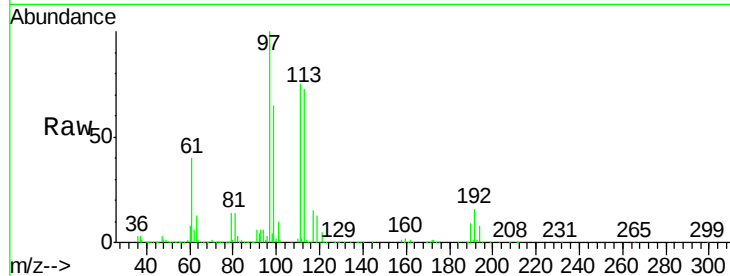
Tot Ion:113 Resp: 228260

Ion Ratio Lower Upper

113 100

111 104.3 81.8 122.8

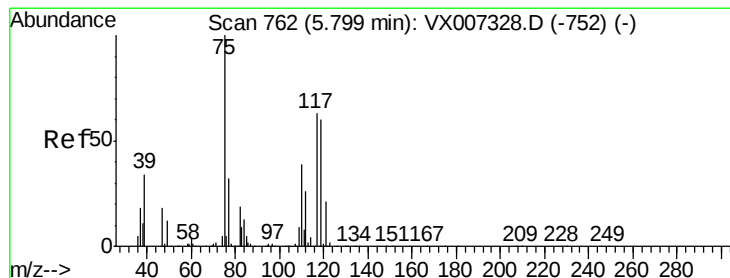
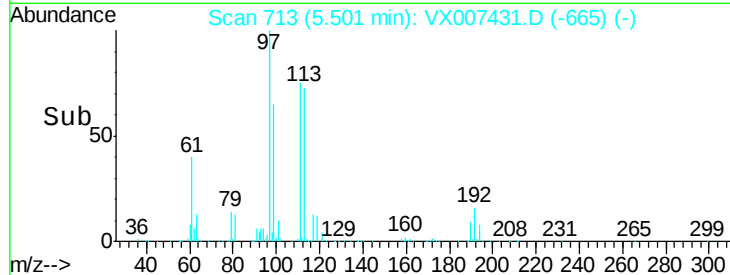
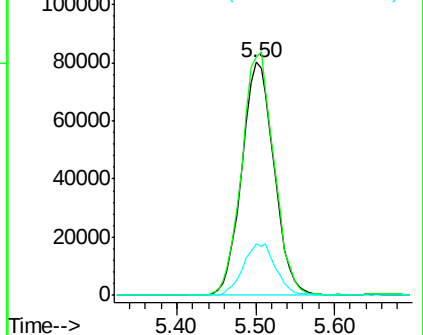
192 22.6 18.5 27.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 45.785 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

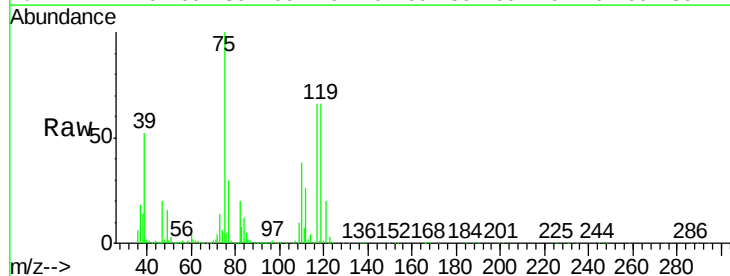
Tgt Ion: 75 Resp: 289046

Ion Ratio Lower Upper

75 100

110 39.6 20.0 59.9

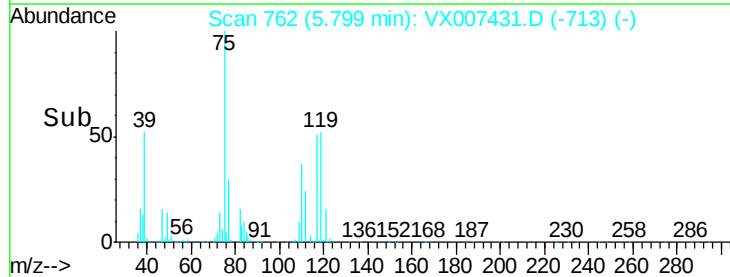
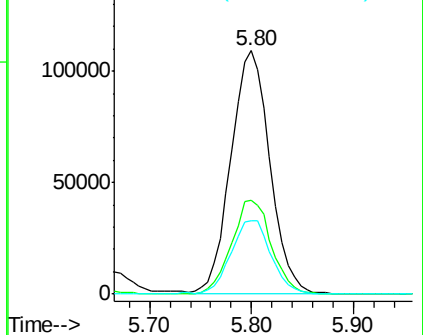
77 30.8 24.7 37.1

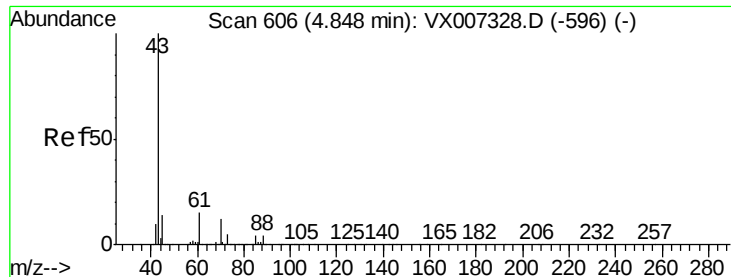


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

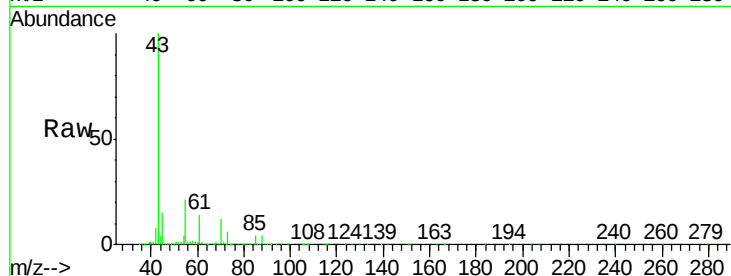




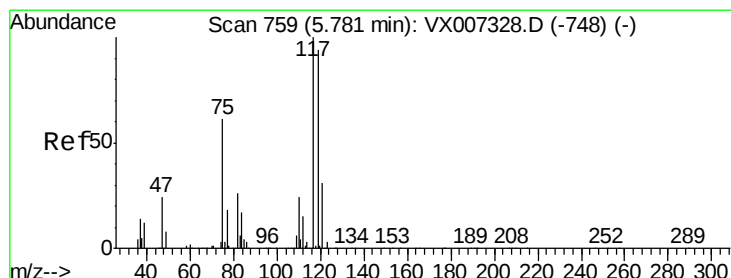
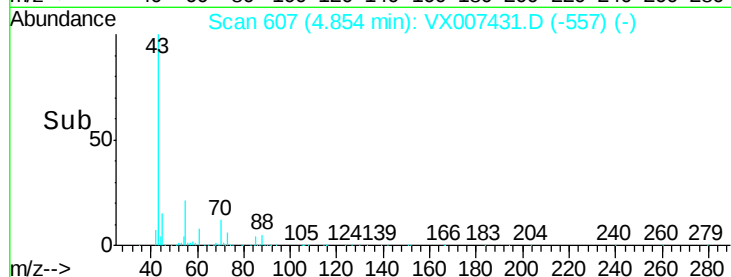
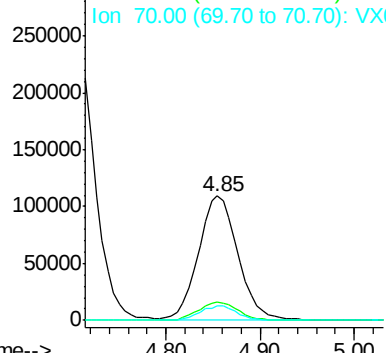
#37
Ethyl Acetate
Concen: 49.414 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX007431.D
Acq: 07 Feb 2019 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 315342
Ion Ratio Lower Upper
43 100
61 14.5 11.3 16.9
70 11.2 8.6 13.0

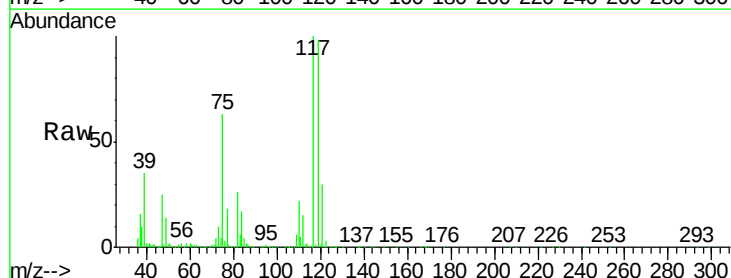


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

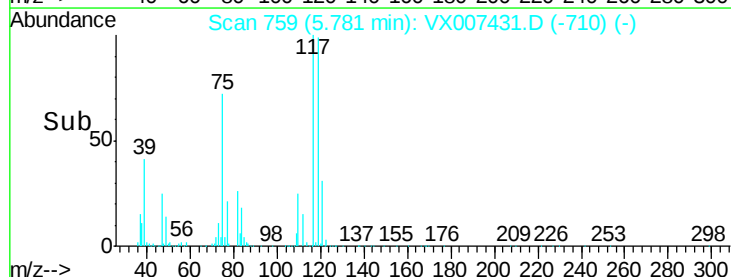
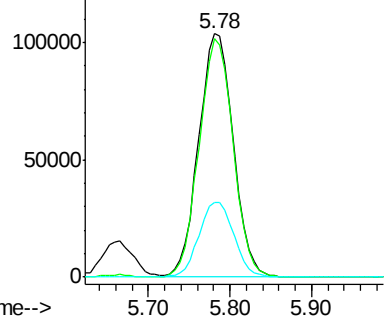


#38
Carbon Tetrachloride
Concen: 49.579 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX007431.D
Acq: 07 Feb 2019 17:49

Tgt Ion: 117 Resp: 303652
Ion Ratio Lower Upper
117 100
119 97.8 75.3 112.9
121 30.5 25.0 37.4



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

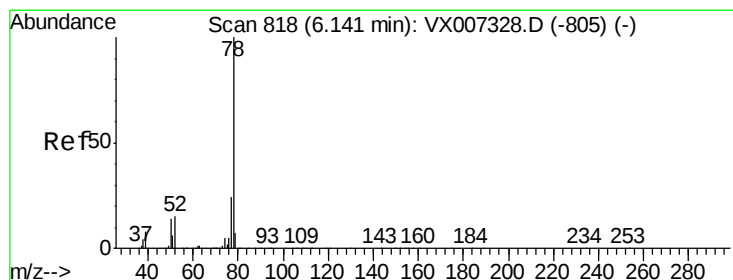
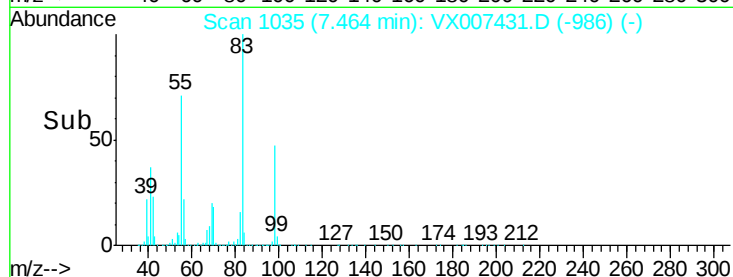
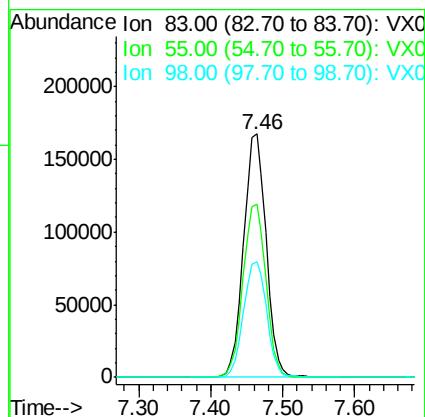
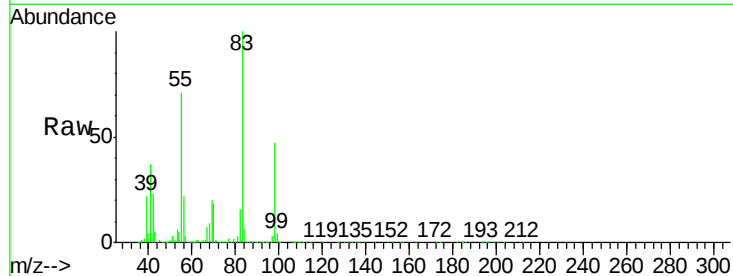




#39
Methvlcvclohexane
Concen: 47.575 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX007431.D
Acq: 07 Feb 2019 17:49

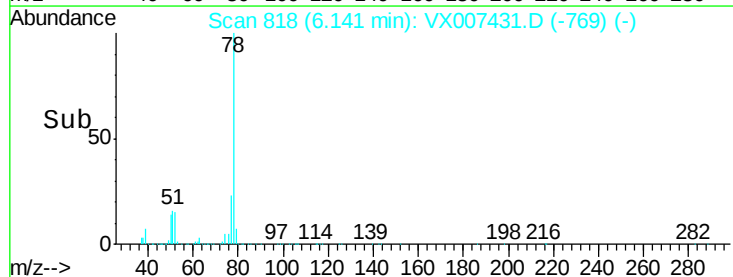
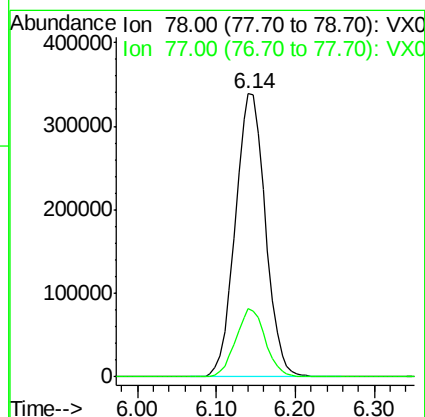
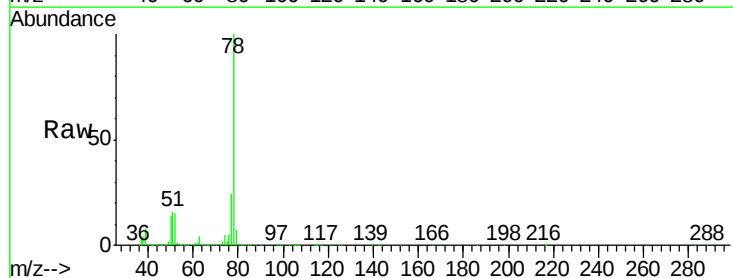
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

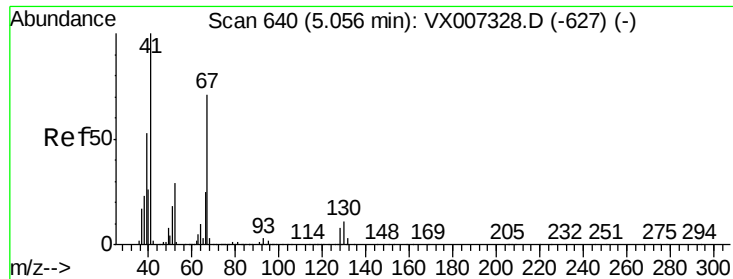
Tot Ion: 83 Resp: 363381
Ion Ratio Lower Upper
83 100
55 70.8 56.2 84.2
98 47.4 36.8 55.2



#40
Benzene
Concen: 48.326 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007431.D
Acq: 07 Feb 2019 17:49

Tgt Ion: 78 Resp: 898693
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9





#41

Methacrylonitrile

Concen: 52.160 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.01 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 178401

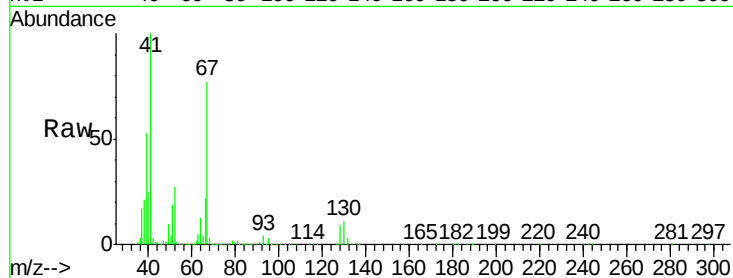
Ion Ratio Lower Upper

41 100

39 54.0 44.5 66.7

67 75.6 60.4 90.6

52 29.7 24.1 36.1

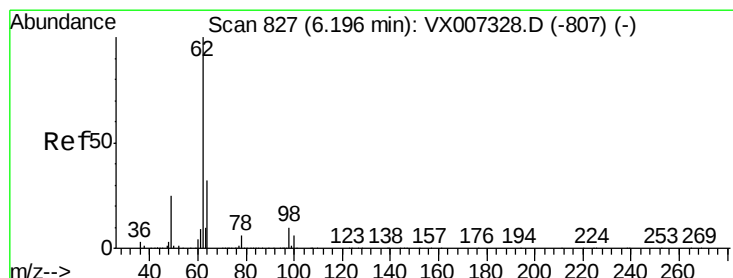
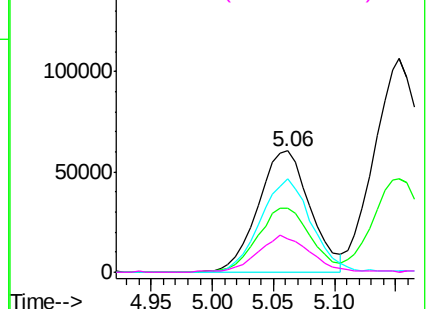
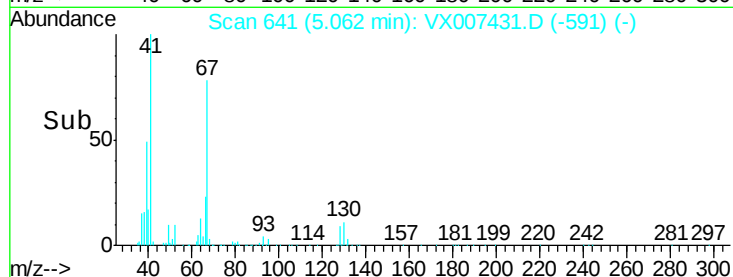


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 47.764 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX007431.D

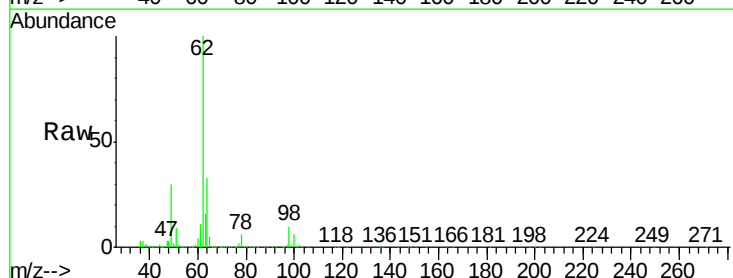
Acq: 07 Feb 2019 17:49

Tgt Ion: 62 Resp: 307326

Ion Ratio Lower Upper

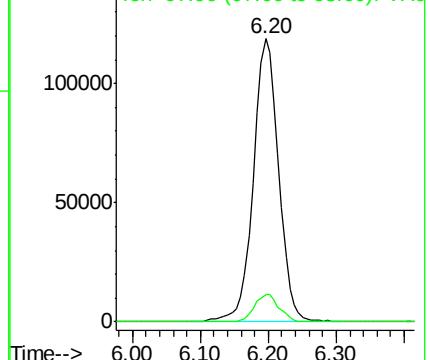
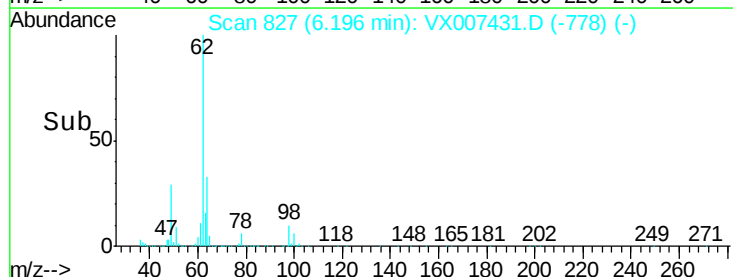
62 100

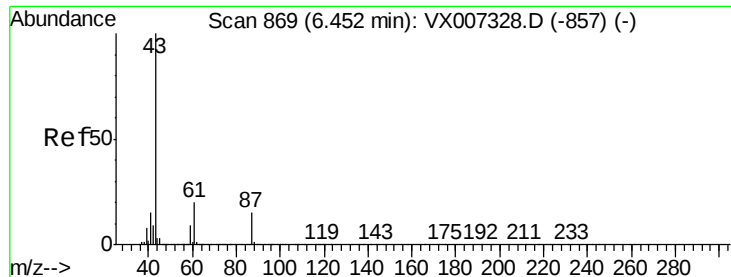
98 9.6 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



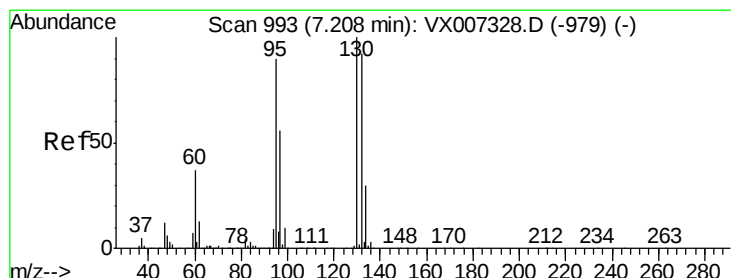
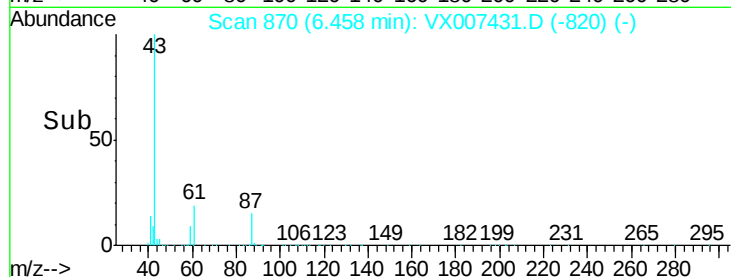
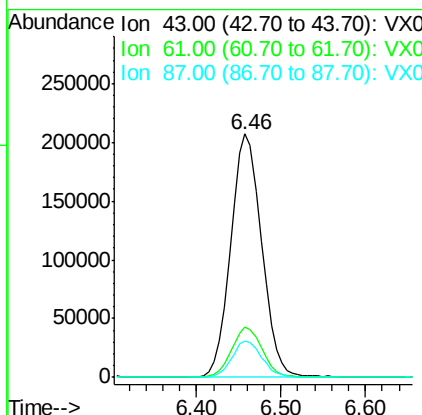
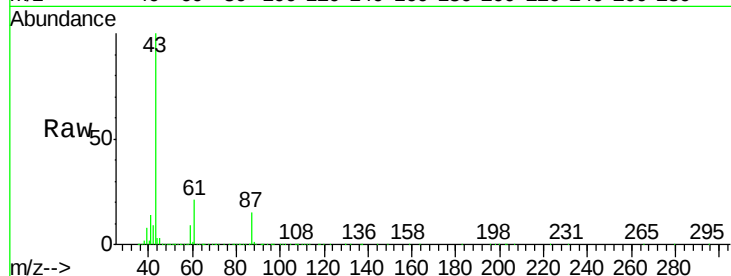


#43

Isopropyl Acetate
 Concen: 51.948 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.01 min
 Lab File: VX007431.D
 Acq: 07 Feb 2019 17:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

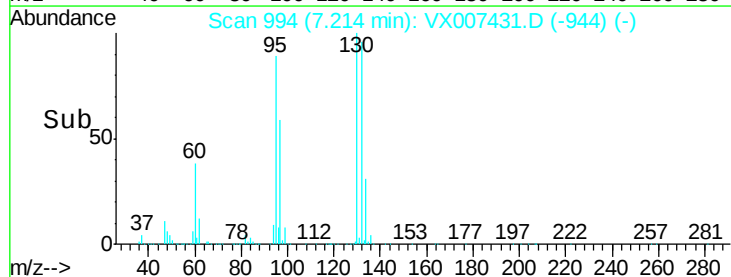
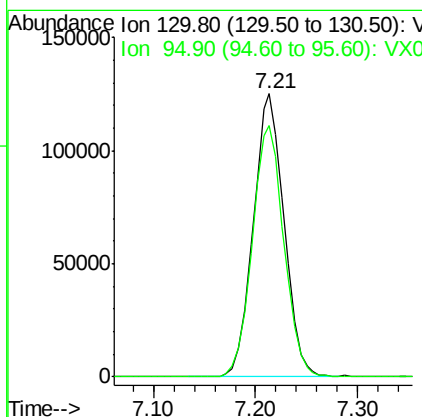
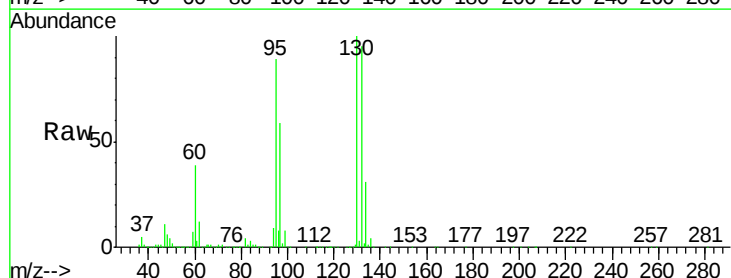
Tot Ion: 43 Resp: 511703
 Ion Ratio Lower Upper
 43 100
 61 20.6 16.1 24.1
 87 14.6 11.5 17.3

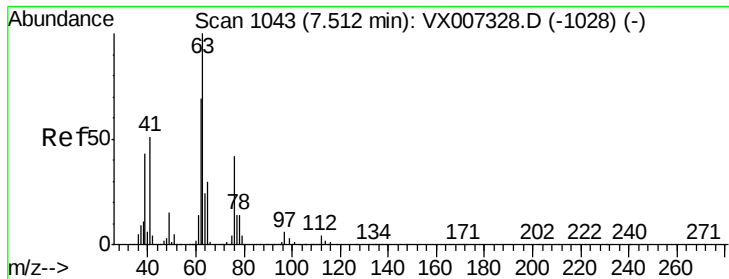


#44

Trichloroethene
 Concen: 46.966 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX007431.D
 Acq: 07 Feb 2019 17:49

Tgt Ion: 130 Resp: 263045
 Ion Ratio Lower Upper
 130 100
 95 88.7 0.0 180.0





#45

1,2-Dichloropropane

Concen: 48.980 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Instrument :

MSVOA_X

ClientSampleId :

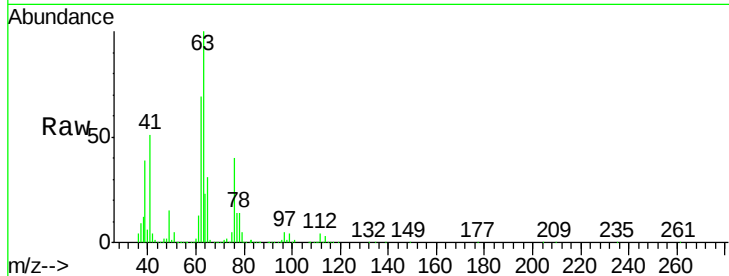
VSTDCCC050EC

Tot Ion: 63 Resp: 228217

Ion Ratio Lower Upper

63 100

65 31.2 24.2 36.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

120000

100000

80000

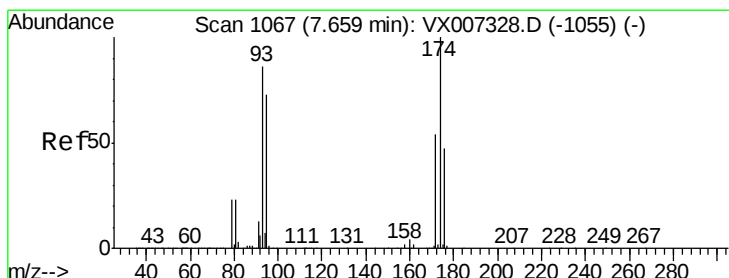
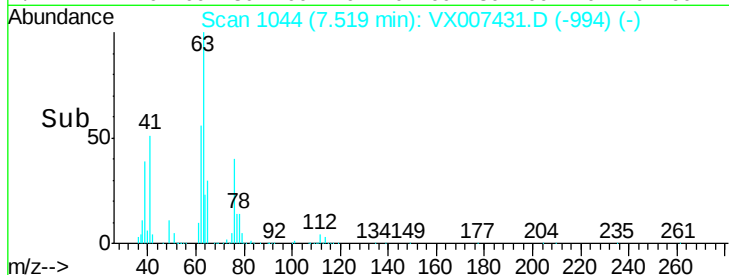
60000

40000

20000

0

Time-->



#46

Dibromomethane

Concen: 48.121 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

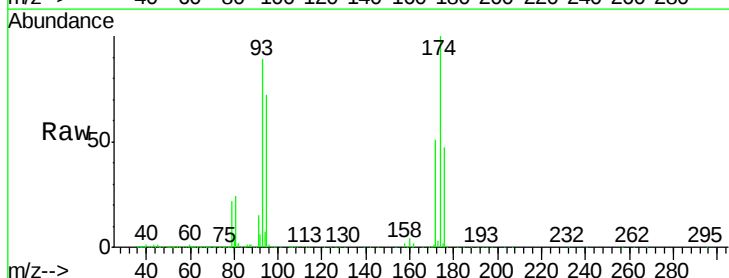
Tgt Ion: 93 Resp: 162959

Ion Ratio Lower Upper

93 100

95 82.9 67.6 101.4

174 116.0 94.2 141.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

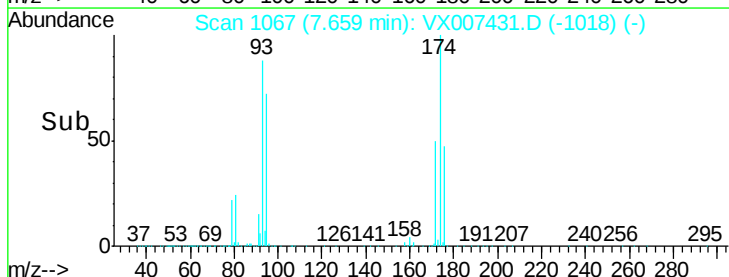
Ion 173.70 (173.40 to 174.40): V

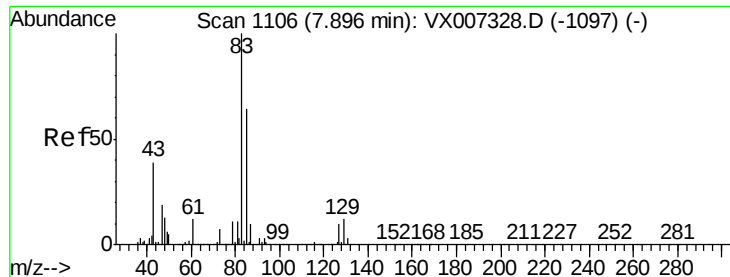
100000

50000

0

Time-->





#47

Bromodichloromethane

Concen: 50.298 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

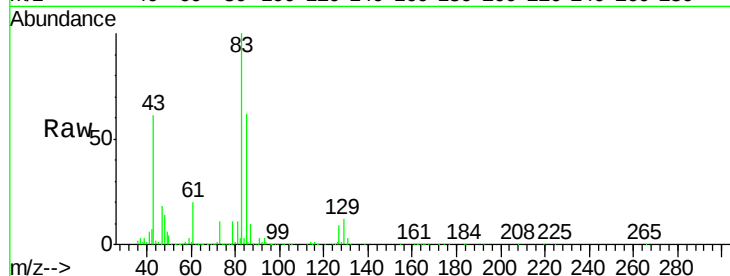
Tot Ion: 83 Resp: 288671

Ion Ratio Lower Upper

83 100

85 62.4 51.4 77.0

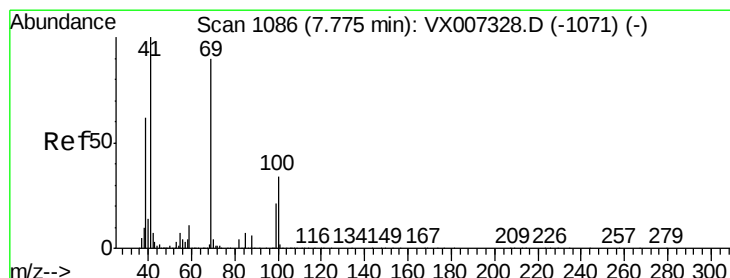
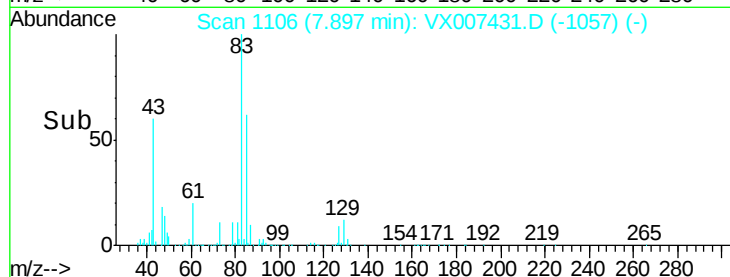
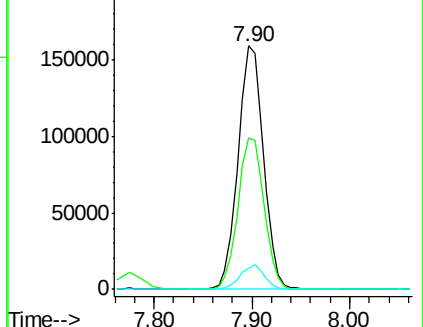
127 8.7 8.1 12.1



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: 53.723 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

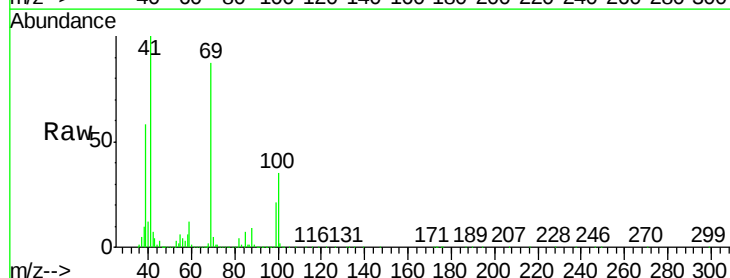
Tgt Ion: 41 Resp: 264695

Ion Ratio Lower Upper

41 100

69 87.8 70.2 105.4

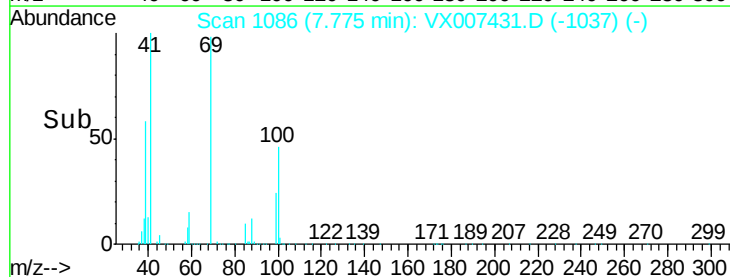
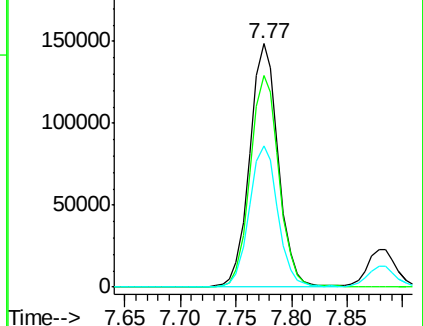
39 58.6 47.4 71.0

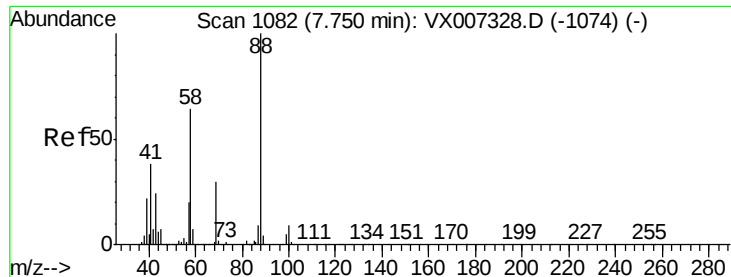


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

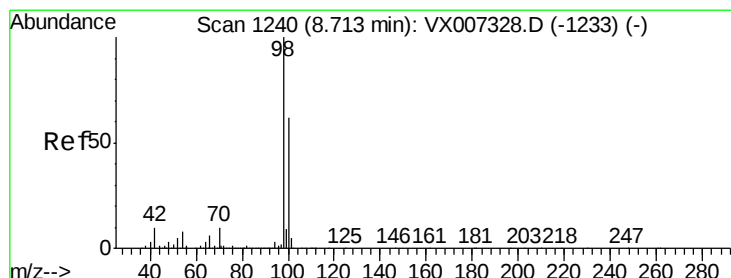
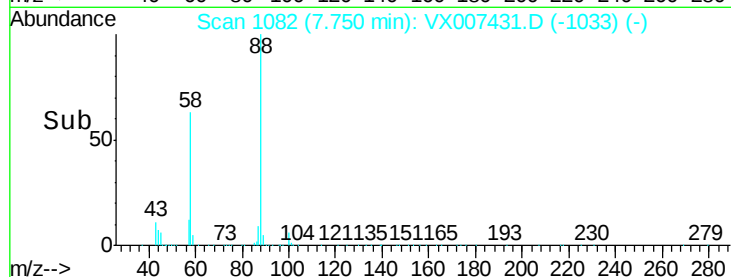
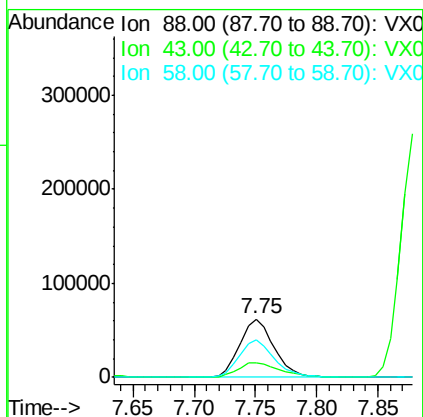
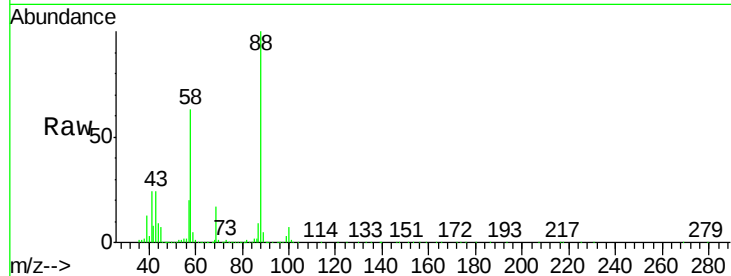




#49
1,4-Dioxane
Concen: 1072.630 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007431.D
Acq: 07 Feb 2019 17:49

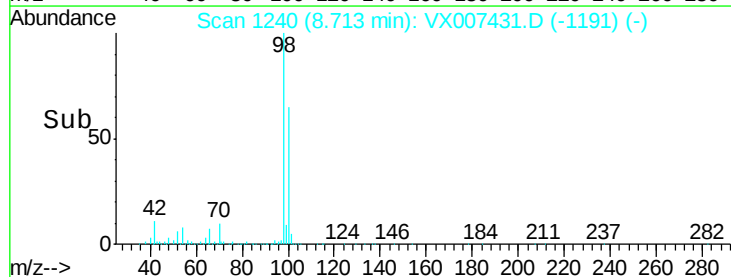
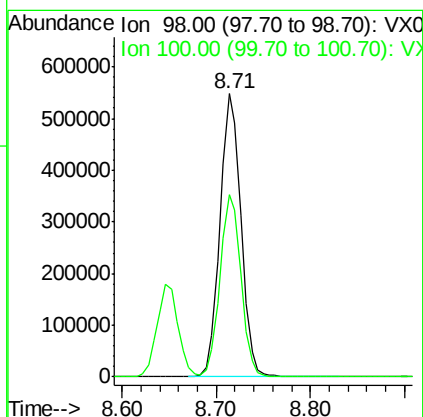
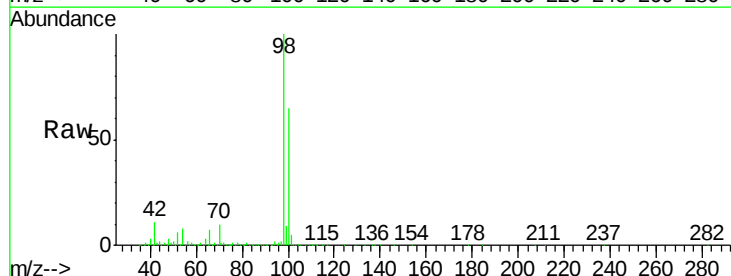
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

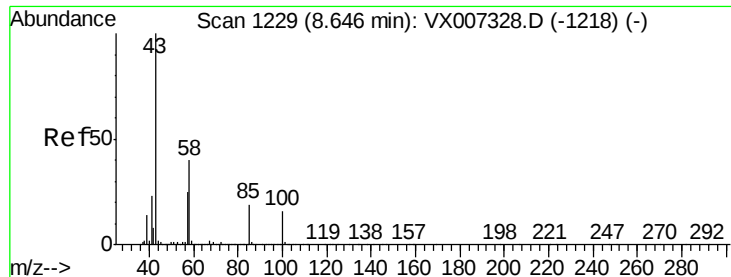
Tot Ion: 88 Resp: 120245
Ion Ratio Lower Upper
88 100
43 29.1 24.2 36.4
58 65.7 53.0 79.4



#50
Toluene-d8
Concen: 49.777 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007431.D
Acq: 07 Feb 2019 17:49

Tgt Ion: 98 Resp: 845496
Ion Ratio Lower Upper
98 100
100 64.6 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 259.742 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Instrument :

MSVOA_X

ClientSampleId :

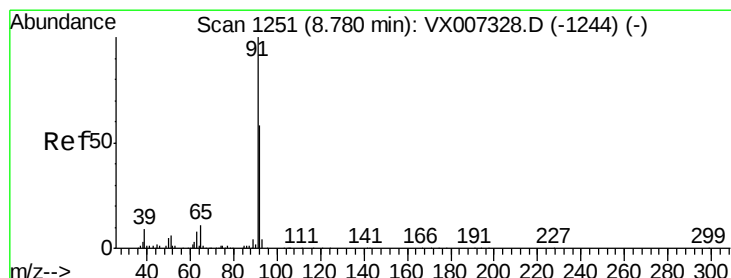
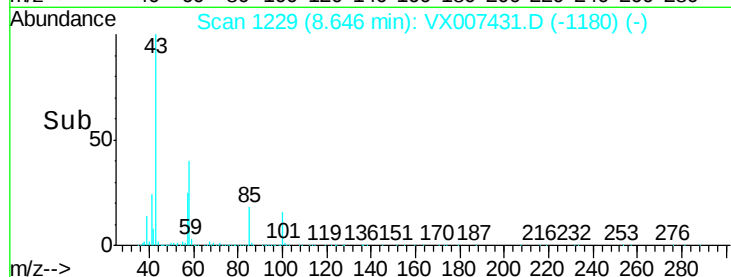
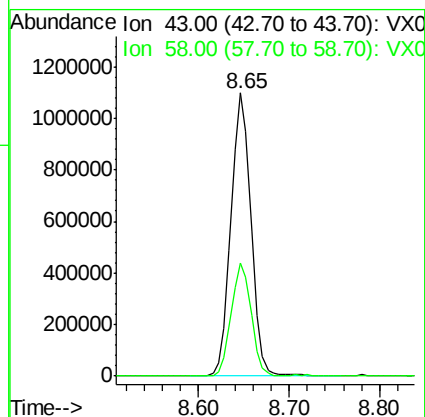
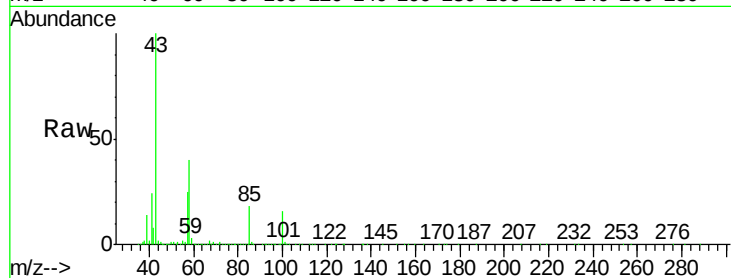
VSTDCCC050EC

Tot Ion: 43 Resp: 1684292

Ion Ratio Lower Upper

43 100

58 39.7 31.2 46.8



#52

Toluene

Concen: 48.185 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX007431.D

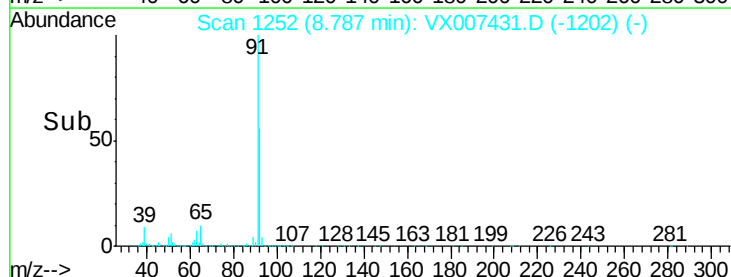
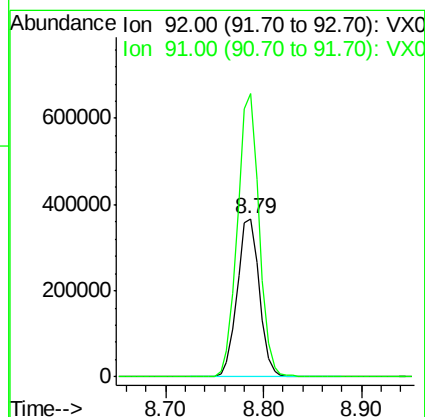
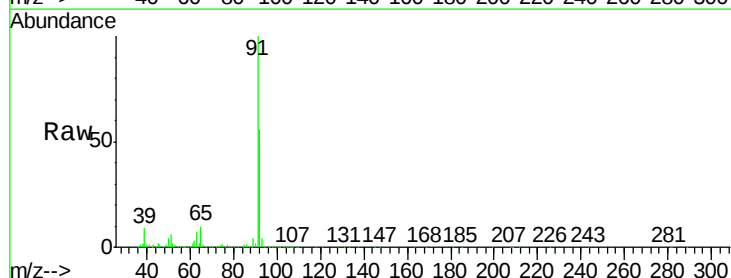
Acq: 07 Feb 2019 17:49

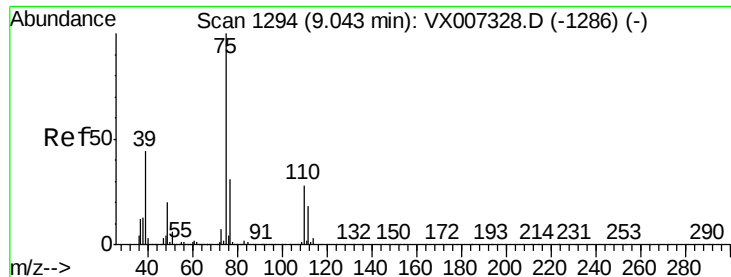
Tgt Ion: 92 Resp: 578128

Ion Ratio Lower Upper

92 100

91 175.1 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 52.327 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Instrument :

MSVOA_X

ClientSampleId :

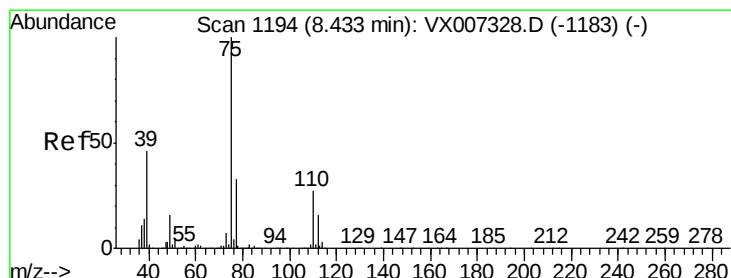
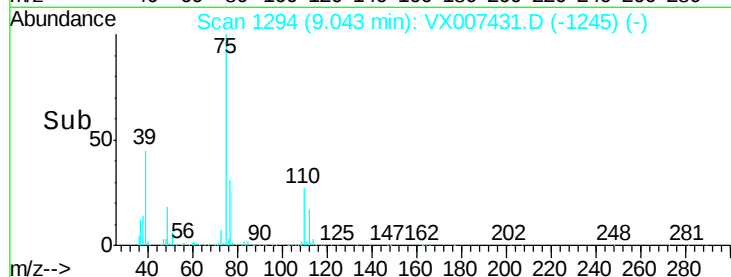
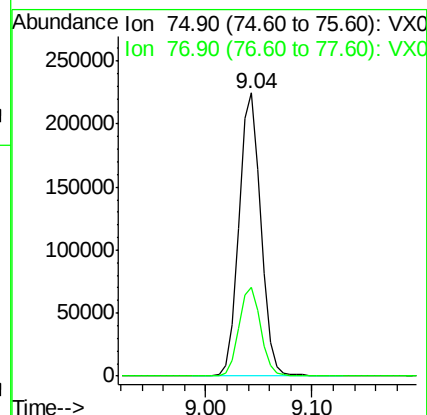
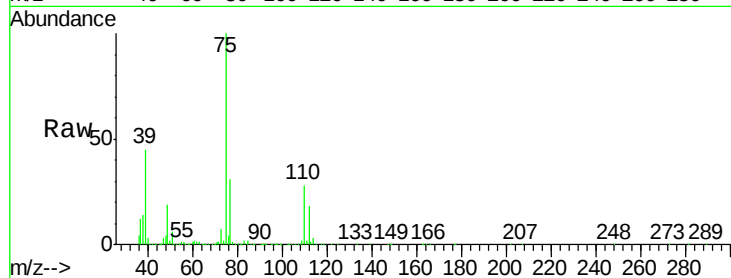
VSTDCCC050EC

Tot Ion: 75 Resp: 322586

Ion Ratio Lower Upper

75 100

77 31.1 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 52.235 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

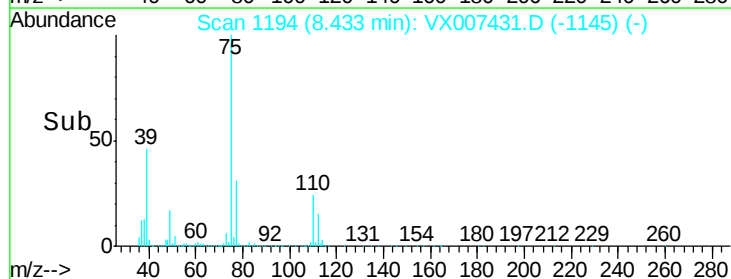
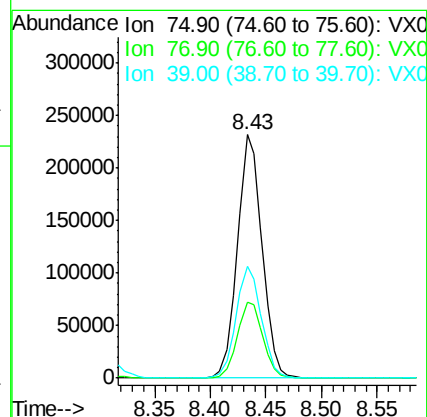
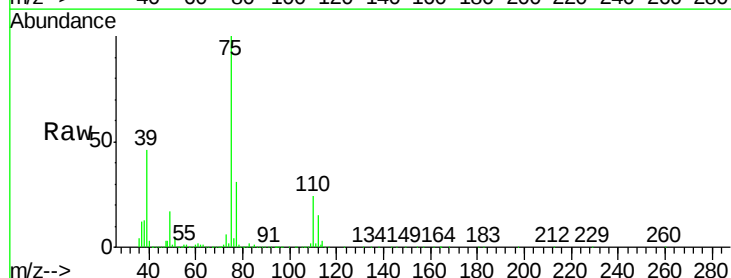
Tgt Ion: 75 Resp: 354127

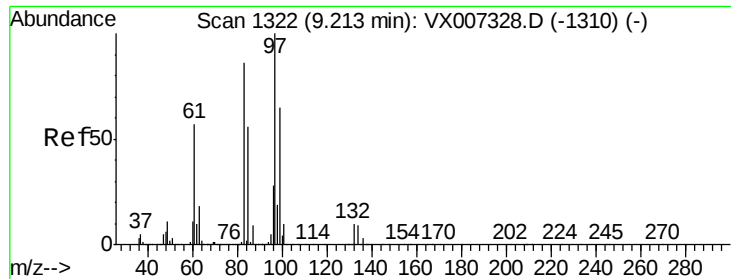
Ion Ratio Lower Upper

75 100

77 31.3 26.2 39.4

39 45.9 37.1 55.7

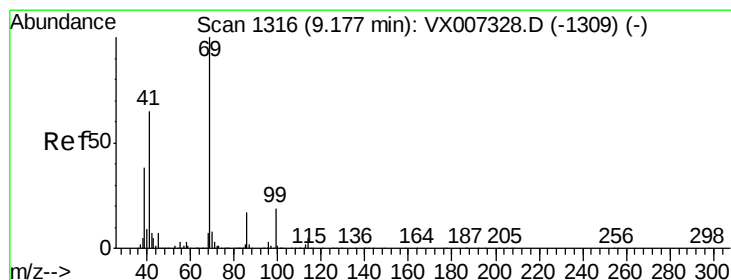
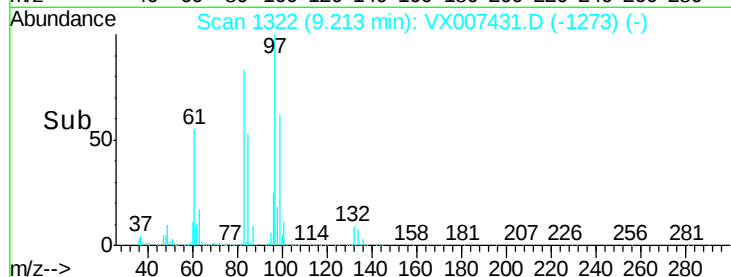
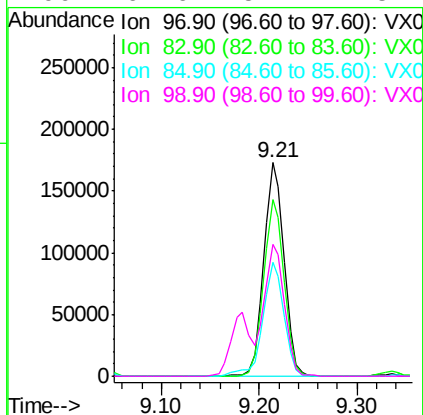
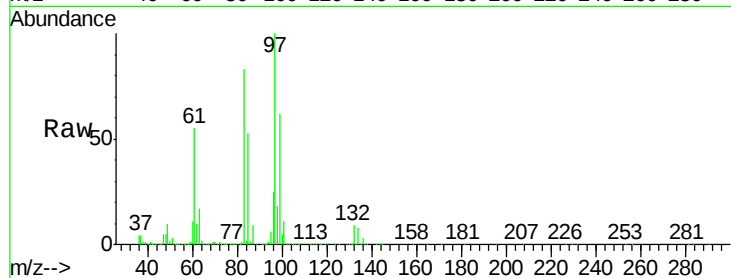




#55
 1,1,2-Trichloroethane
 Concen: 49.807 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX007431.D
 Acq: 07 Feb 2019 17:49

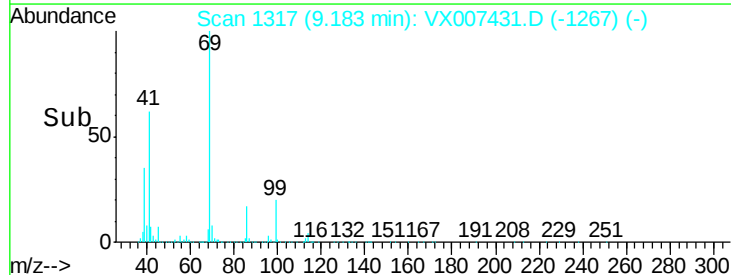
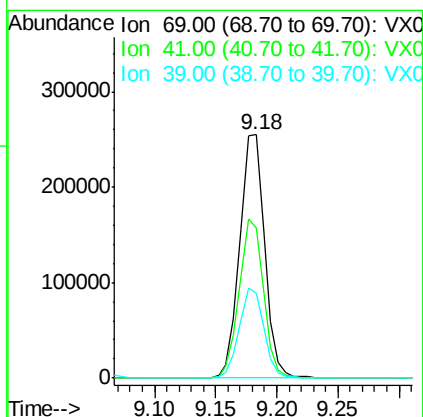
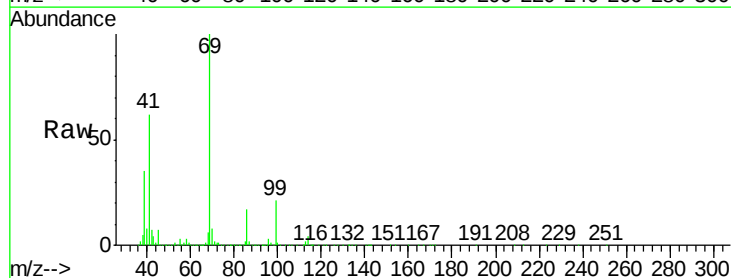
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	249104
Ion	Ratio	Lower	Upper
97	100		
83	82.9	68.6	102.8
85	53.3	44.5	66.7
99	61.6	52.2	78.4



#56
 Ethyl methacrylate
 Concen: 51.815 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: VX007431.D
 Acq: 07 Feb 2019 17:49

Tgt Ion:	69	Resp:	358921
Ion	Ratio	Lower	Upper
69	100		
41	63.6	52.1	78.1
39	36.4	30.1	45.1





#57

1,3-Dichloropropane

Concen: 48.799 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Instrument :

MSVOA_X

ClientSampleId :

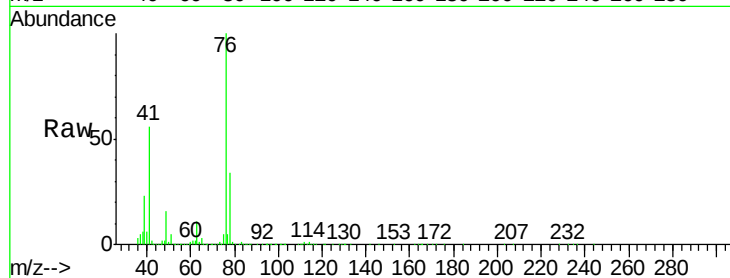
VSTDCCC050EC

Tot Ion: 76 Resp: 388127

Ion Ratio Lower Upper

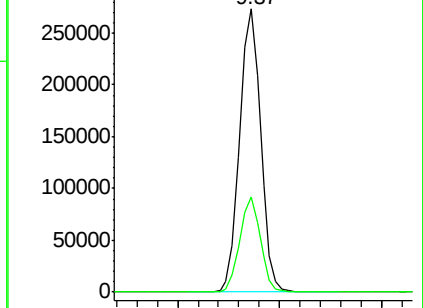
76 100

78 32.9 25.8 38.8

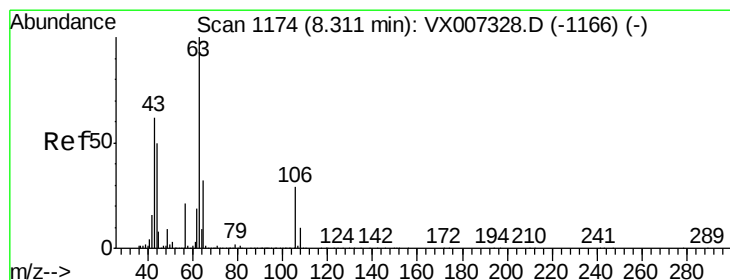
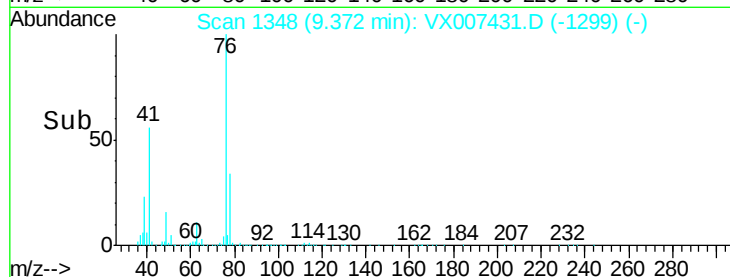


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 259.951 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007431.D

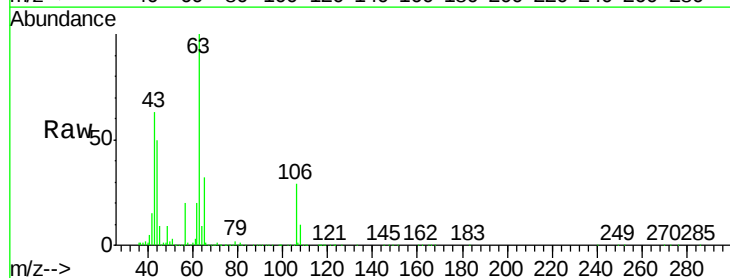
Acq: 07 Feb 2019 17:49

Tgt Ion: 63 Resp: 949098

Ion Ratio Lower Upper

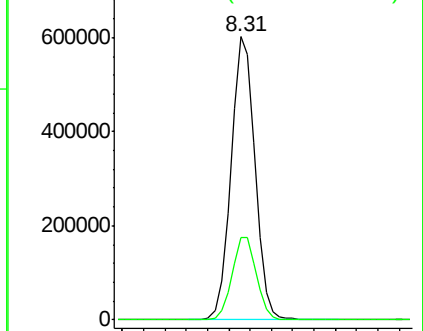
63 100

106 29.9 23.6 35.4

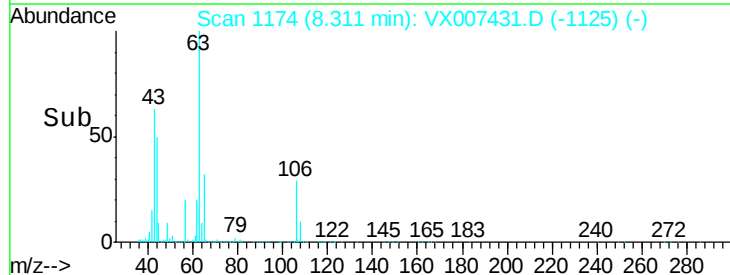


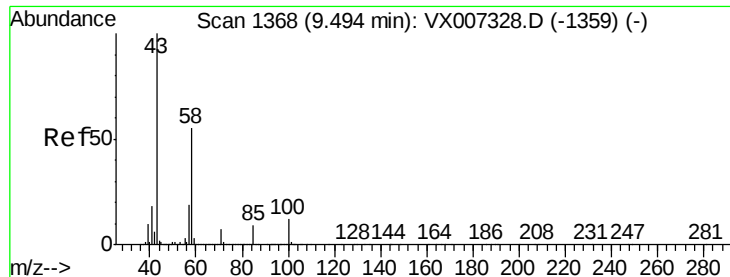
Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V



Time-->

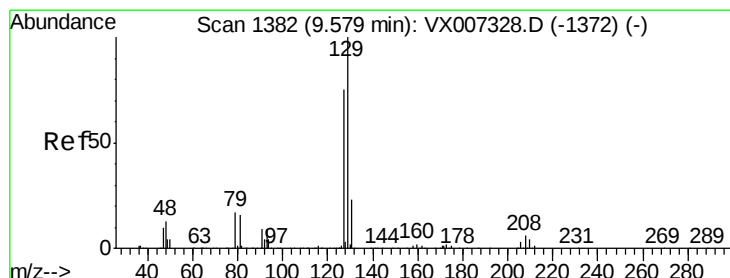
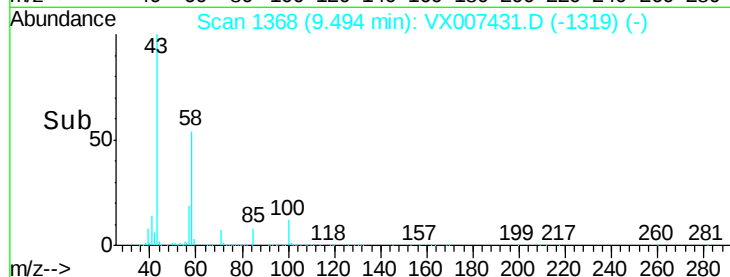
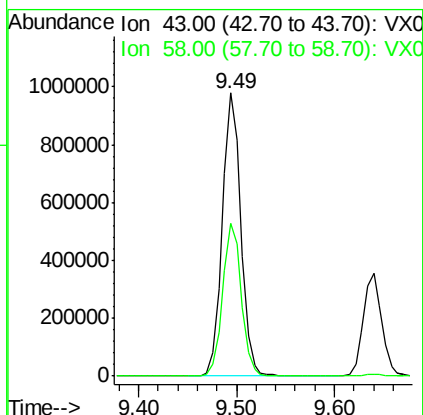
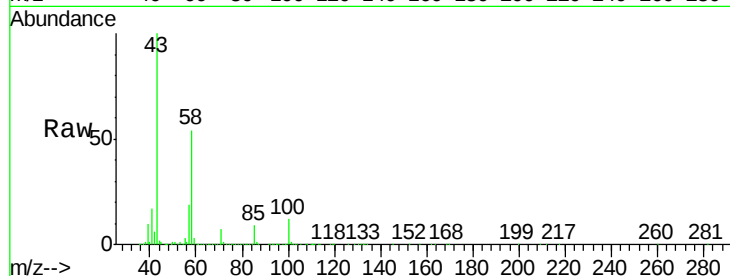




#59
2-Hexanone
Concen: 254.958 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007431.D
Acq: 07 Feb 2019 17:49

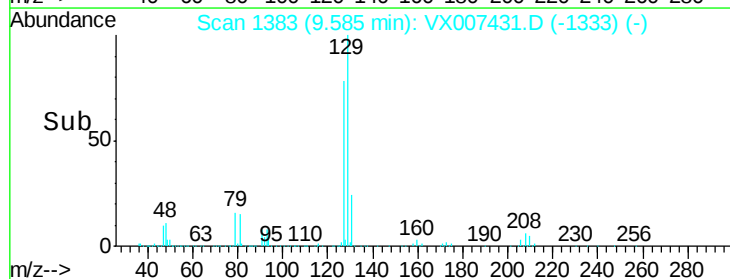
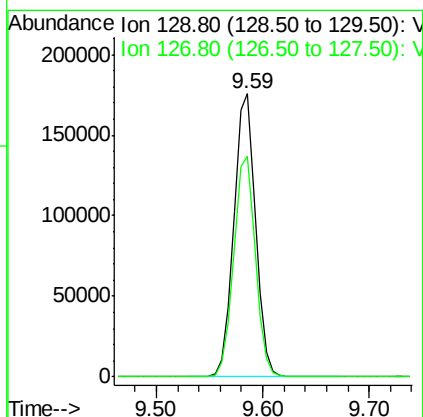
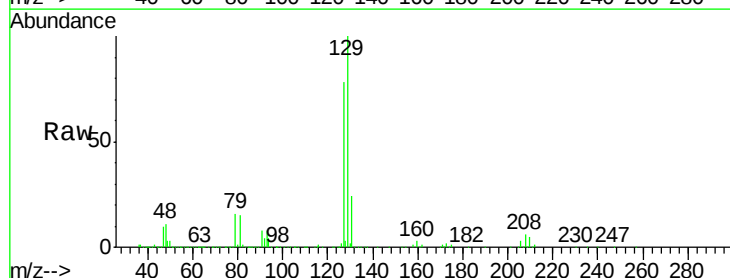
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

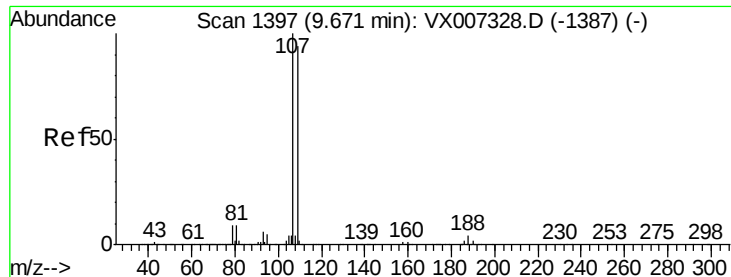
Tot Ion: 43 Resp: 1286516
Ion Ratio Lower Upper
43 100
58 54.4 27.1 81.3



#60
Dibromochloromethane
Concen: 53.247 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX007431.D
Acq: 07 Feb 2019 17:49

Tgt Ion: 129 Resp: 251865
Ion Ratio Lower Upper
129 100
127 77.9 37.8 113.4





#61

1,2-Dibromoethane

Concen: 50.234 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Instrument :

MSVOA_X

ClientSampleId :

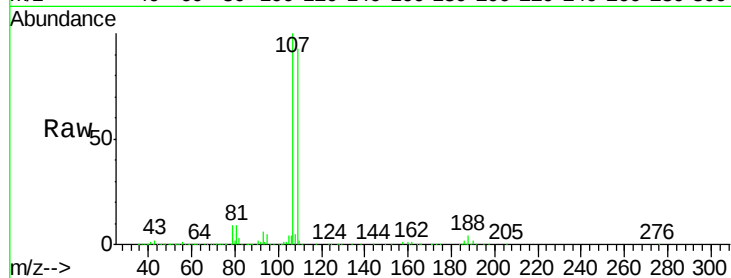
VSTDCCC050EC

Tot Ion:107 Resp: 266066

Ion Ratio Lower Upper

107 100

109 93.1 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

200000

150000

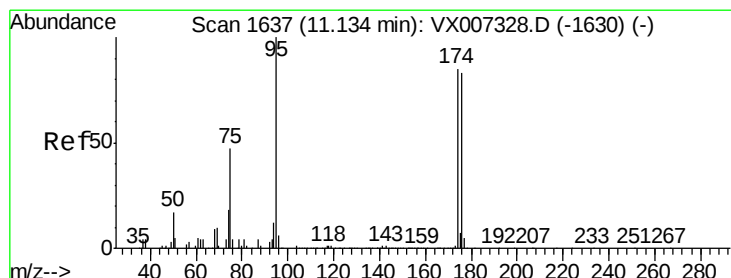
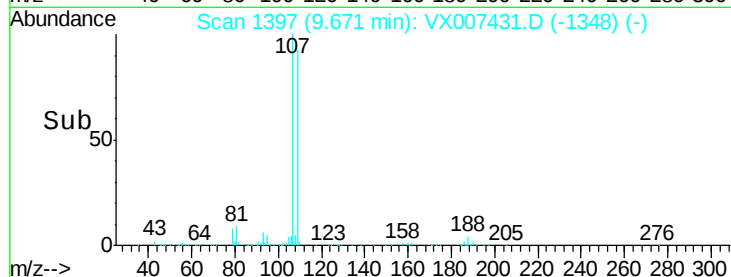
100000

50000

0

9.60 9.70 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 49.661 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

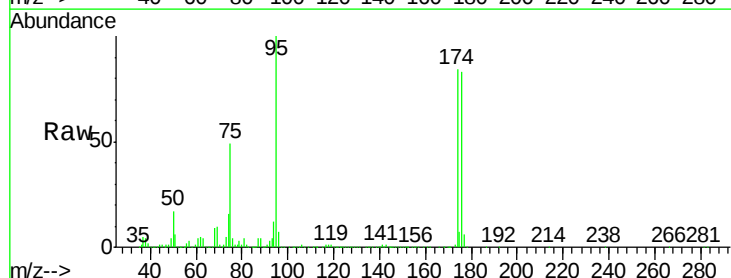
Tgt Ion: 95 Resp: 307973

Ion Ratio Lower Upper

95 100

174 93.6 0.0 189.2

176 91.2 0.0 186.2



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

11.13

300000

250000

200000

150000

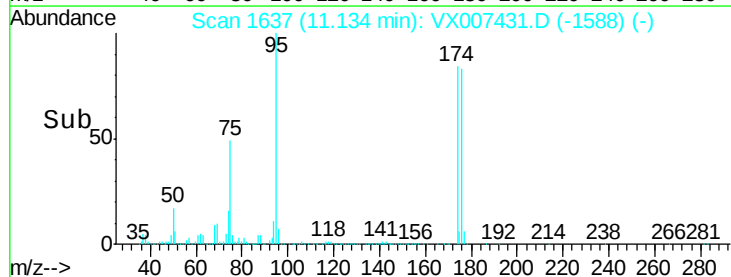
100000

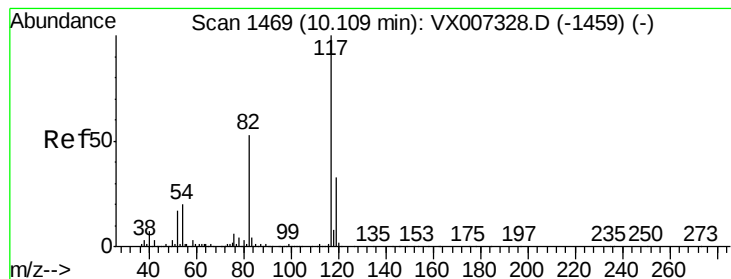
50000

0

11.10 11.20

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

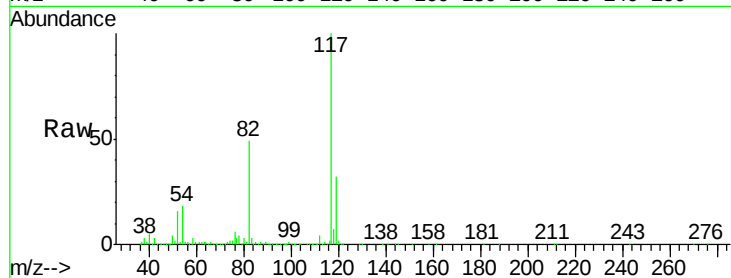
Tot Ion:117 Resp: 655639

Ion Ratio Lower Upper

117 100

82 49.3 42.1 63.1

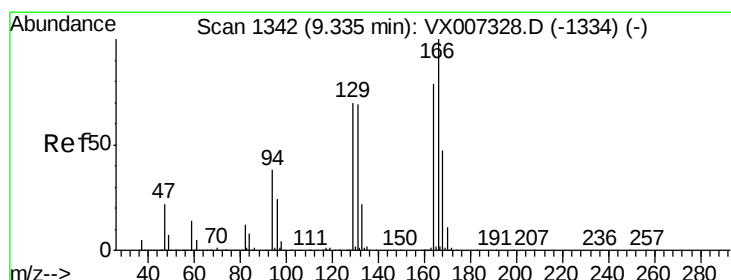
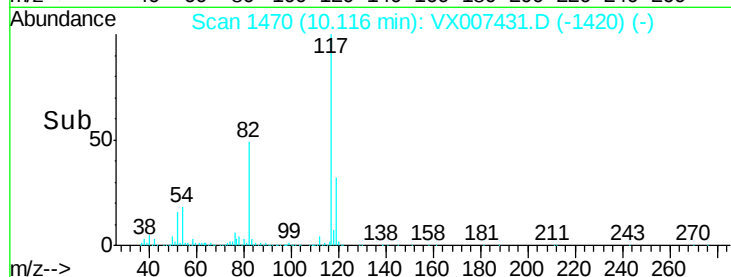
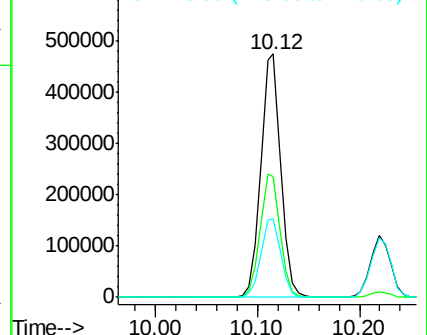
119 32.0 26.5 39.7



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 41.479 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Tgt Ion:164 Resp: 256320

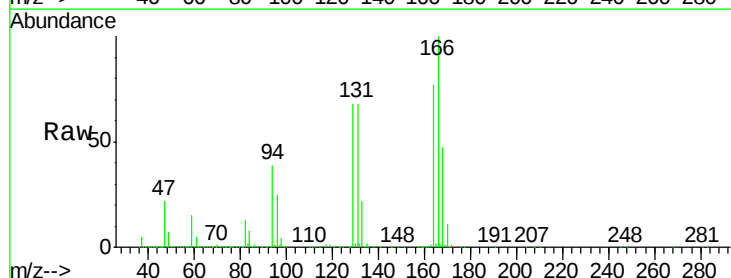
Ion Ratio Lower Upper

164 100

166 129.1 101.0 151.4

129 88.0 70.5 105.7

131 87.7 69.8 104.6

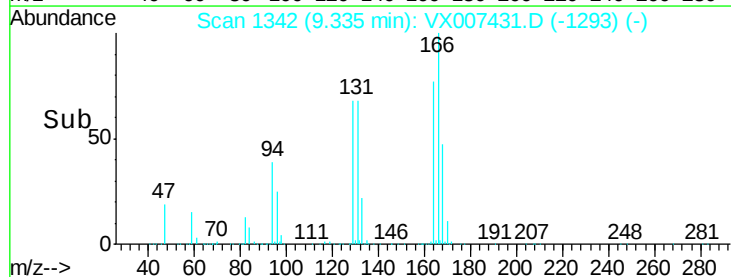
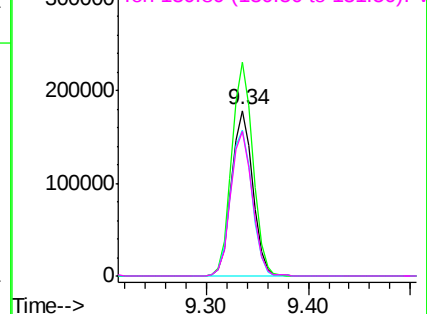


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

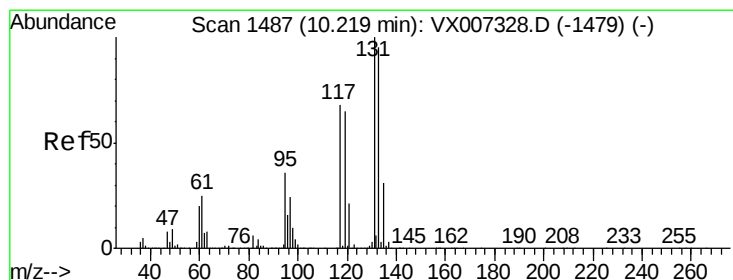
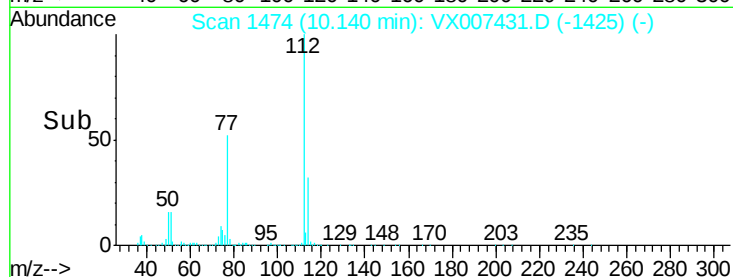
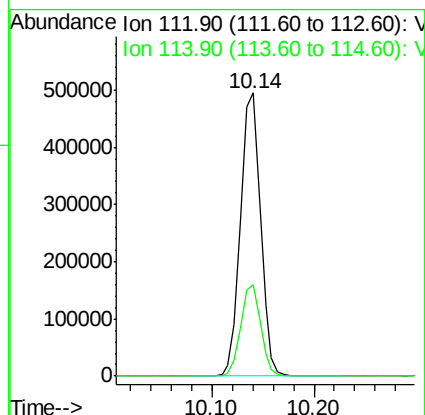
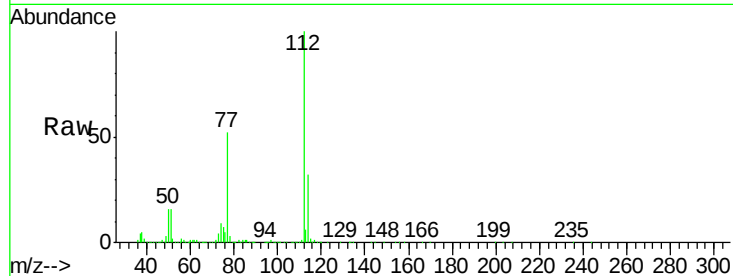




#65
Chlorobenzene
Concen: 46.972 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX007431.D
Acq: 07 Feb 2019 17:49

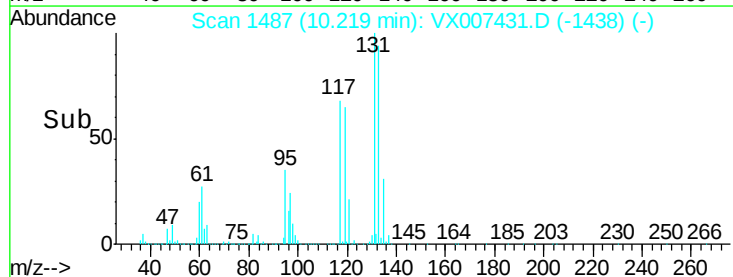
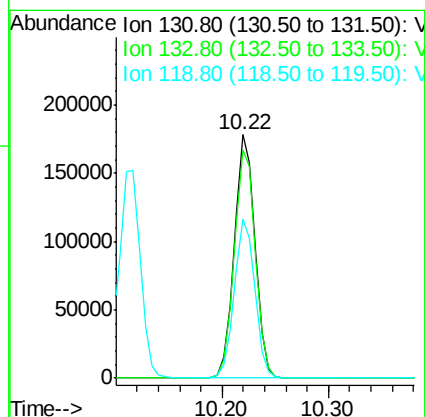
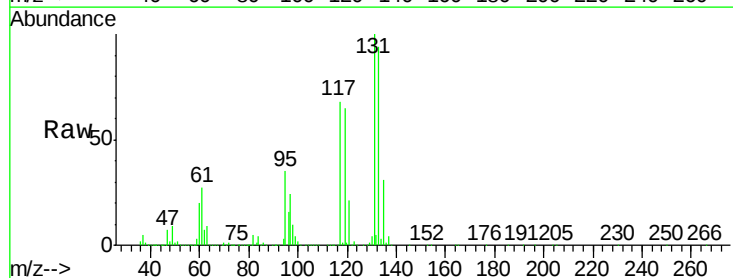
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

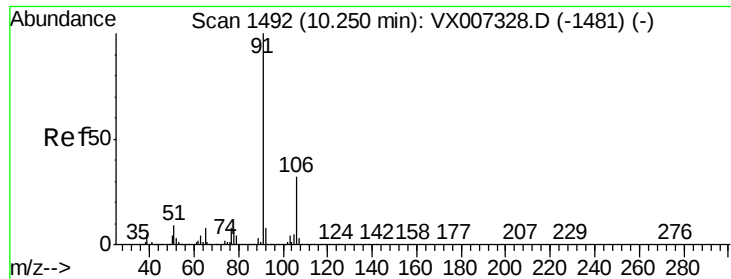
Tot Ion:112 Resp: 672042
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.478 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX007431.D
Acq: 07 Feb 2019 17:49

Tgt Ion:131 Resp: 242132
Ion Ratio Lower Upper
131 100
133 95.7 48.0 144.2
119 65.3 32.0 96.0





#67

Ethyl Benzene

Concen: 48.426 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Instrument :

MSVOA_X

ClientSampleId :

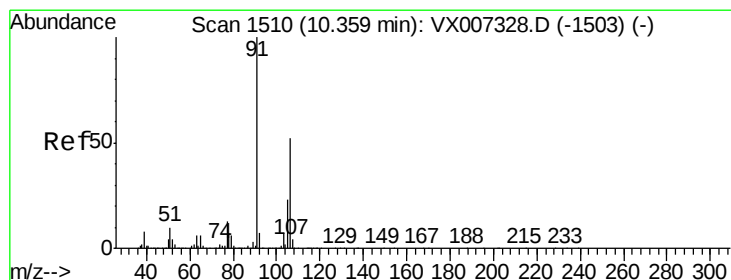
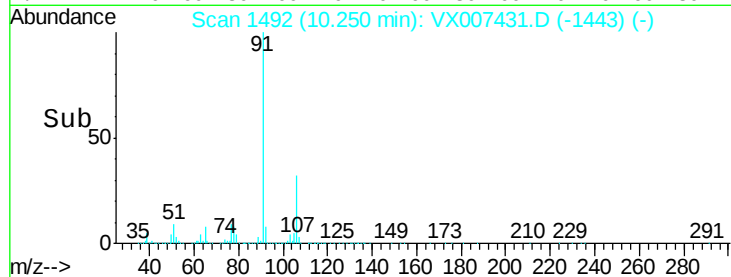
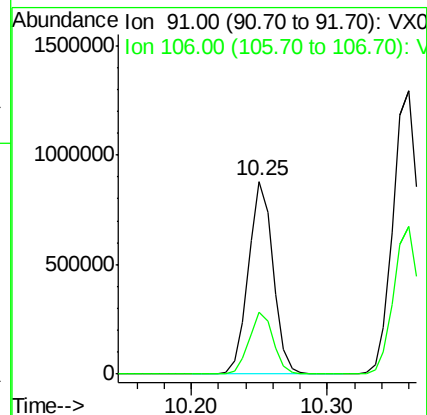
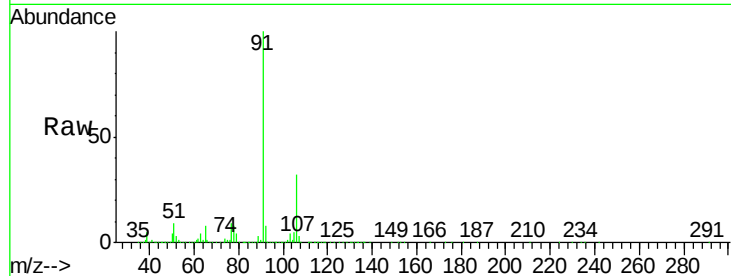
VSTDCCC050EC

Tot Ion: 91 Resp: 1115750

Ion Ratio Lower Upper

91 100

106 32.5 25.4 38.0



#68

m/p-Xylenes

Concen: 96.157 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007431.D

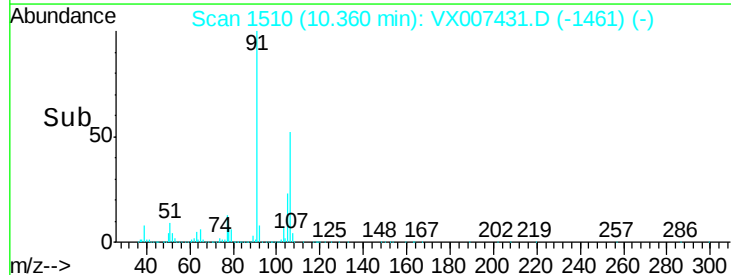
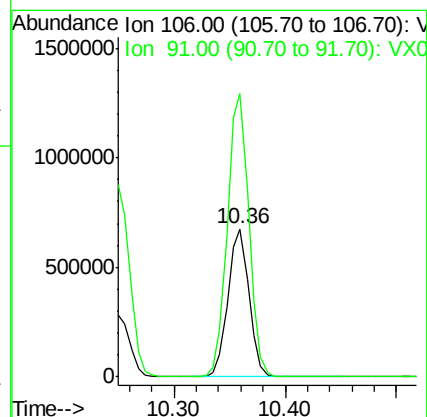
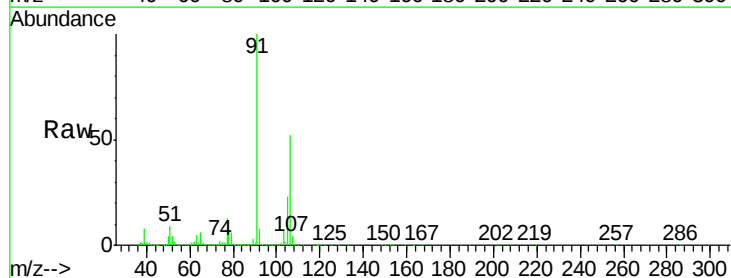
Acq: 07 Feb 2019 17:49

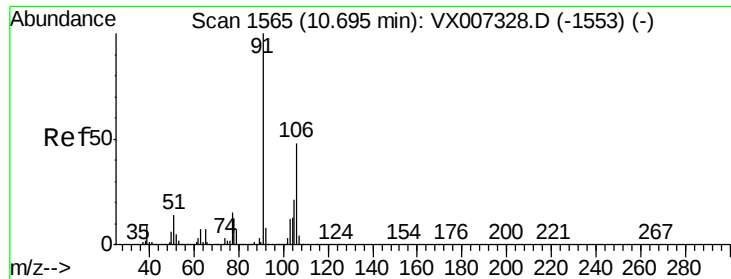
Tgt Ion: 106 Resp: 880683

Ion Ratio Lower Upper

106 100

91 195.2 156.6 234.8

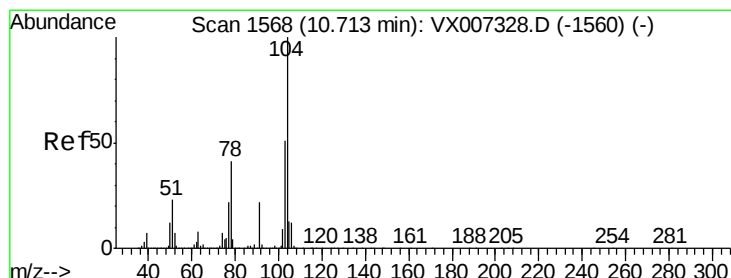
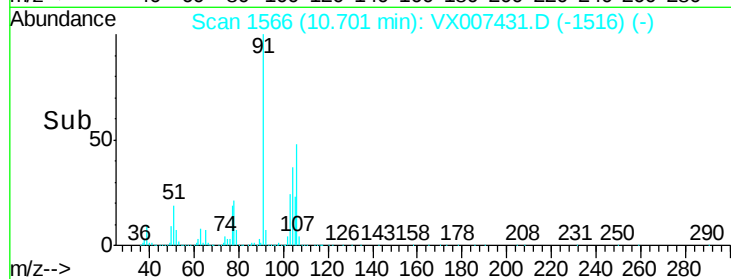
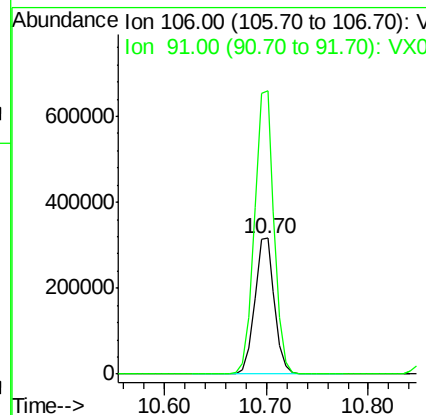
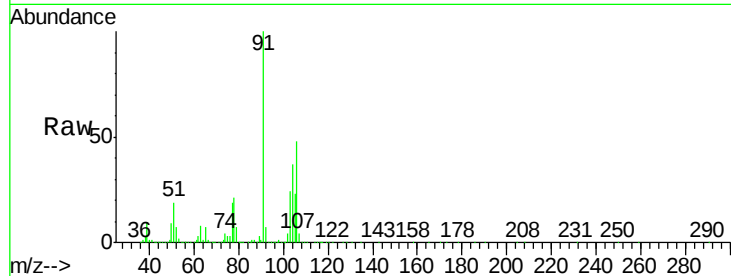




#69
o-Xylene
Concen: 48.148 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX007431.D
Acq: 07 Feb 2019 17:49

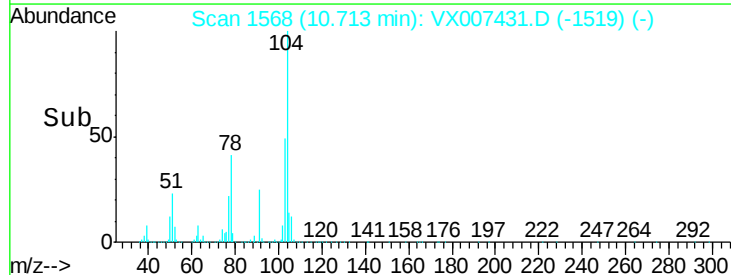
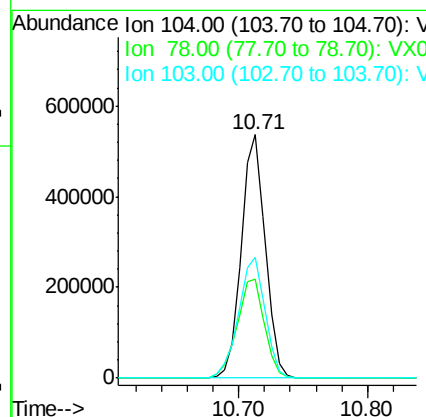
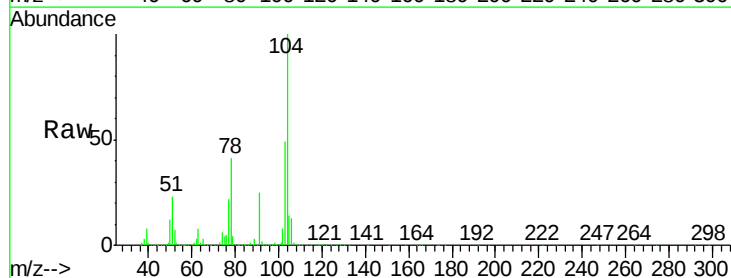
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

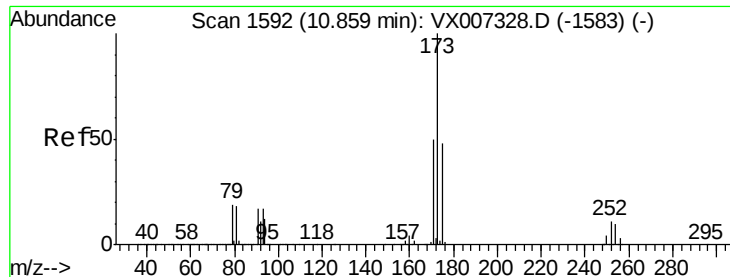
Tot Ion:106 Resp: 424332
Ion Ratio Lower Upper
106 100
91 208.1 102.9 308.7



#70
Styrene
Concen: 48.598 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007431.D
Acq: 07 Feb 2019 17:49

Tgt Ion:104 Resp: 694595
Ion Ratio Lower Upper
104 100
78 46.9 38.3 57.5
103 55.1 44.6 67.0





#71

Bromoform

Concen: 45.084 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

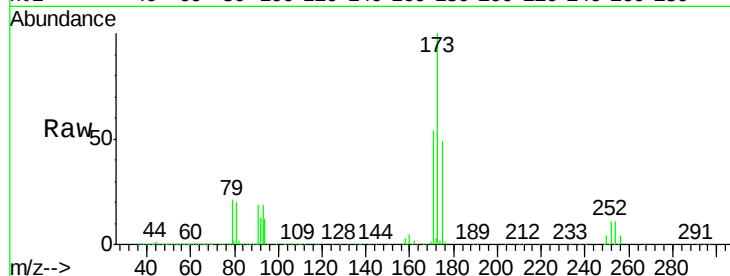
Tot Ion:173 Resp: 187865

Ion Ratio Lower Upper

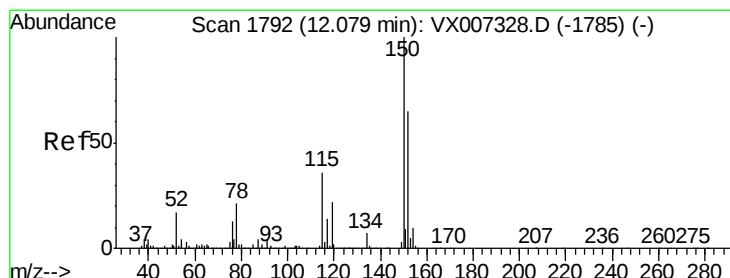
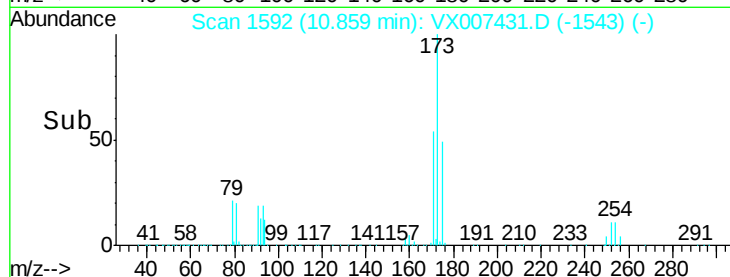
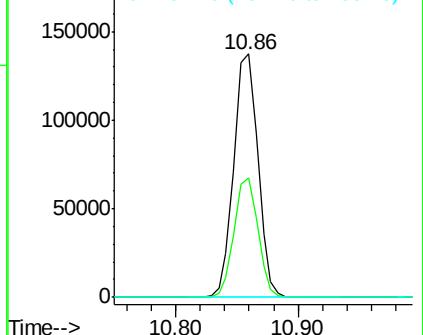
173 100

175 48.6 24.2 72.6

254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

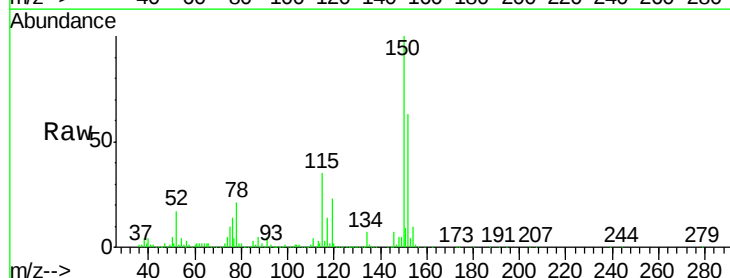
Tgt Ion:152 Resp: 333918

Ion Ratio Lower Upper

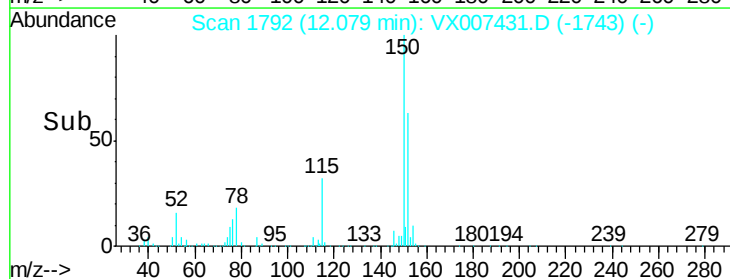
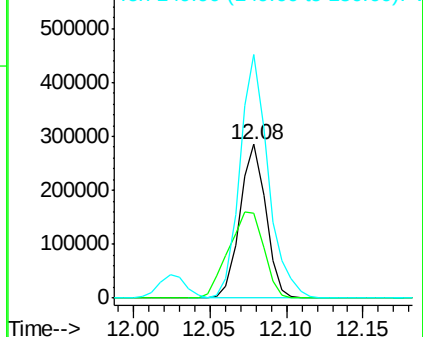
152 100

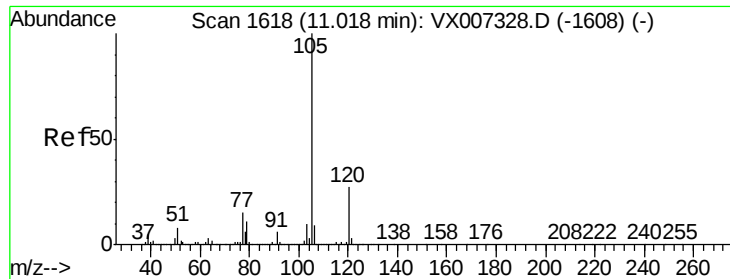
115 76.8 38.0 114.0

150 173.2 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.848 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Instrument :

MSVOA_X

ClientSampleId :

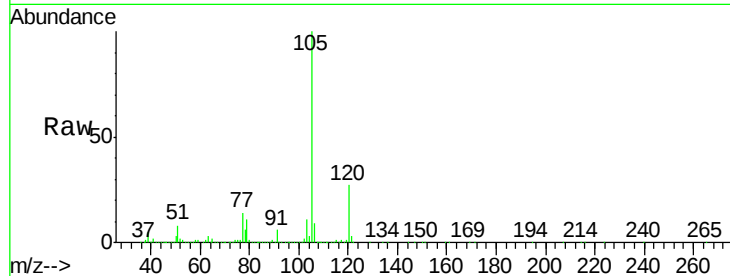
VSTDCCC050EC

Tot Ion:105 Resp: 1131128

Ion Ratio Lower Upper

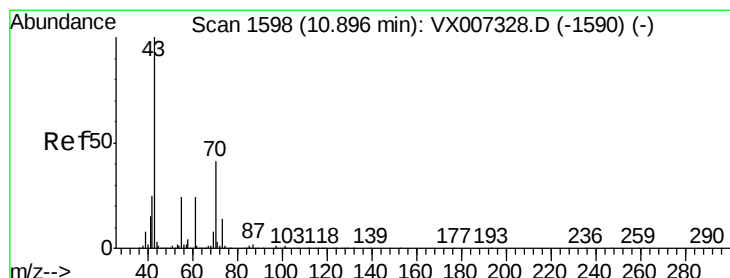
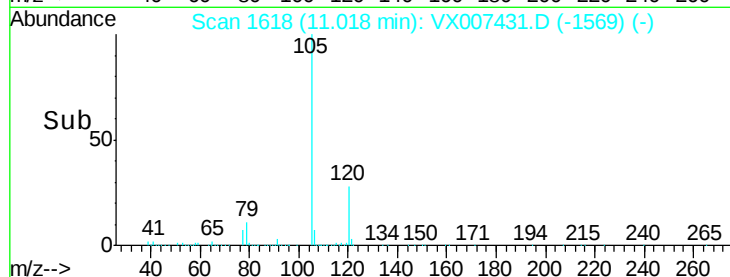
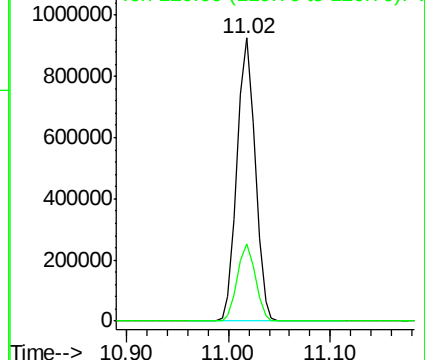
105 100

120 27.4 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.534 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Tgt Ion: 43 Resp: 452304

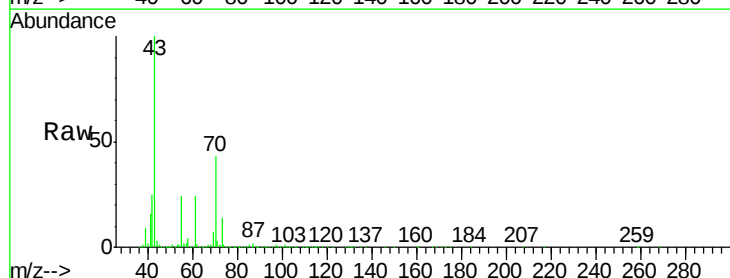
Ion Ratio Lower Upper

43 100

70 43.9 33.8 50.6

55 24.7 19.5 29.3

61 24.6 19.4 29.2

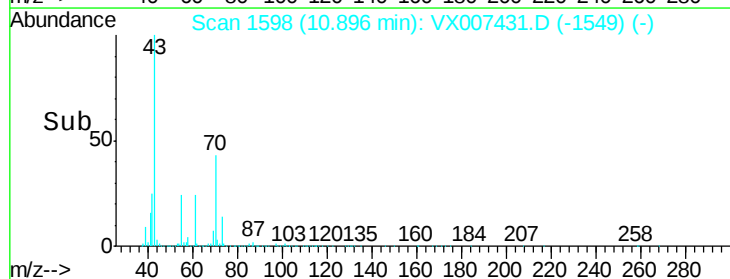
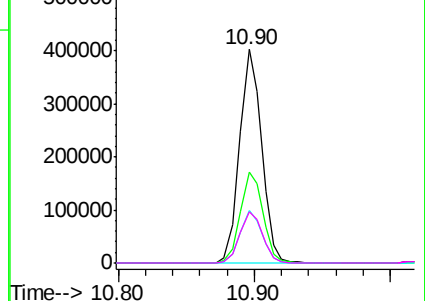


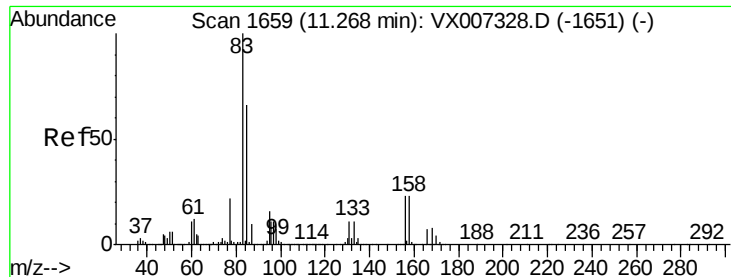
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.725 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

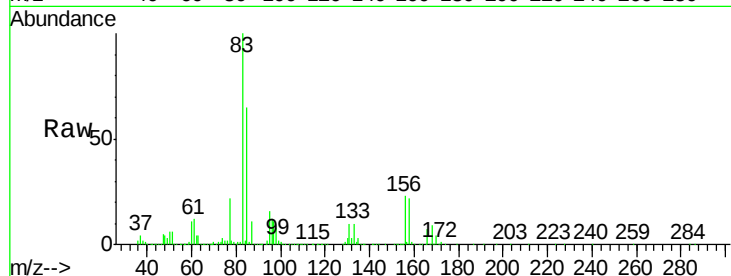
Tot Ion: 83 Resp: 357705

Ion Ratio Lower Upper

83 100

131 11.1 5.7 17.0

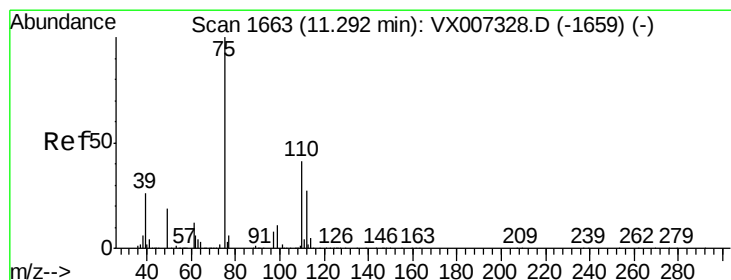
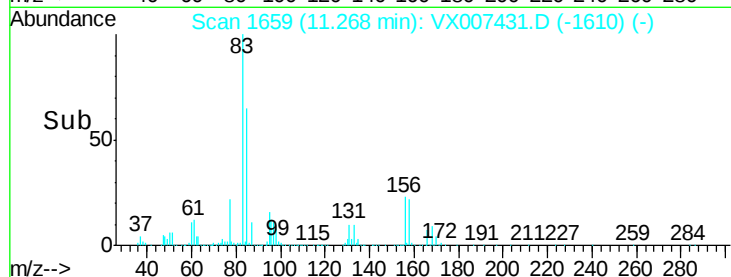
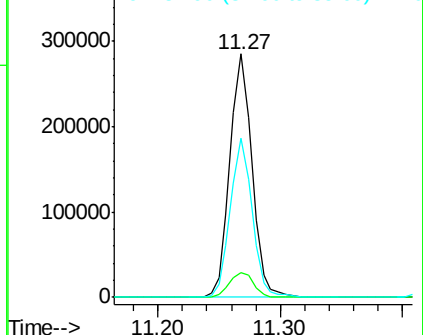
85 64.7 32.8 98.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 63.705 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.01 min

Lab File: VX007431.D

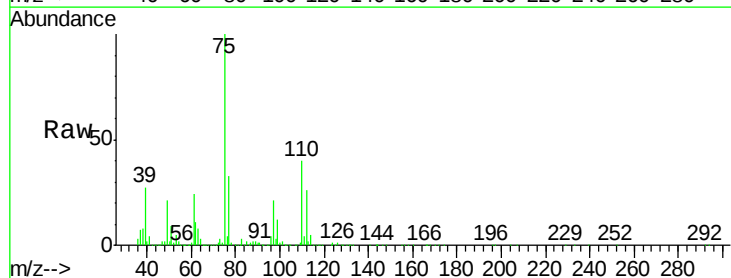
Acq: 07 Feb 2019 17:49

Tgt Ion: 75 Resp: 413769

Ion Ratio Lower Upper

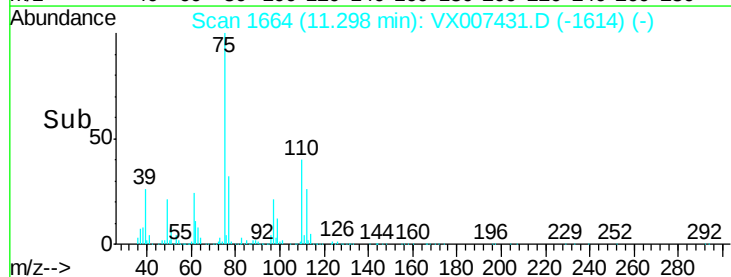
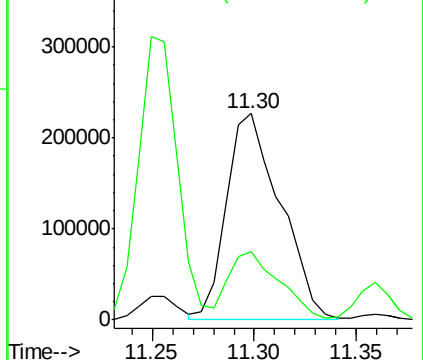
75 100

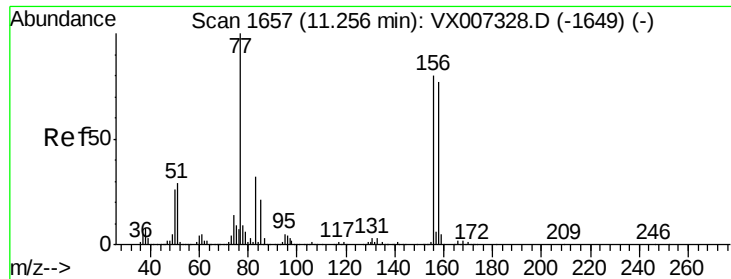
77 31.1 23.0 69.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.285 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

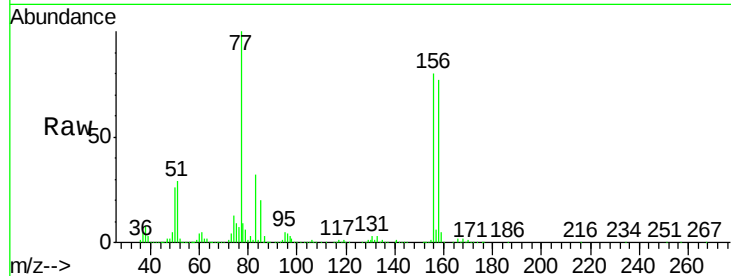
Tot Ion:156 Resp: 308709

Ion Ratio Lower Upper

156 100

77 134.5 66.8 200.6

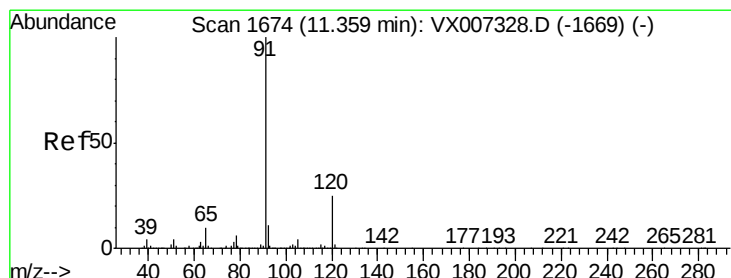
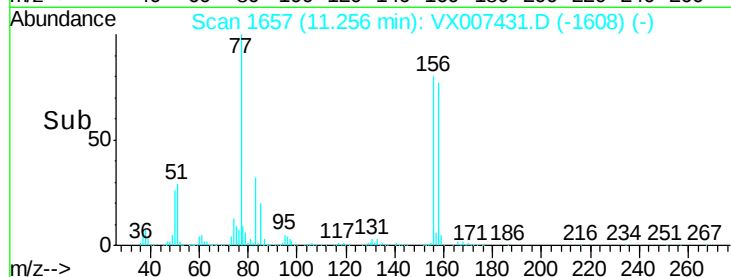
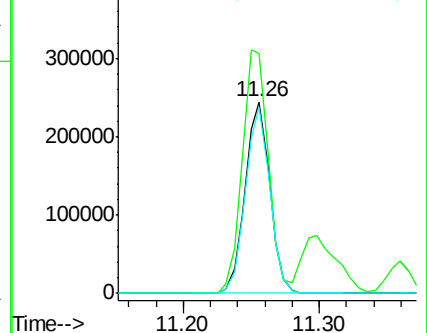
158 96.3 47.9 143.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.028 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007431.D

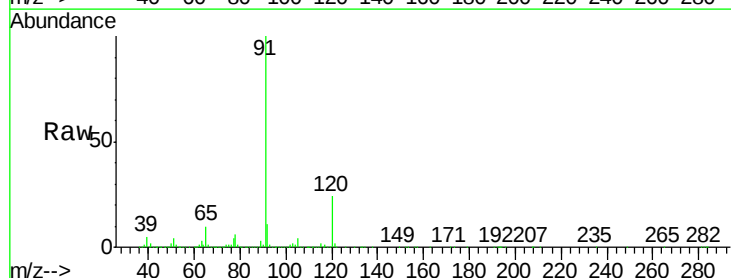
Acq: 07 Feb 2019 17:49

Tgt Ion: 91 Resp: 1269708

Ion Ratio Lower Upper

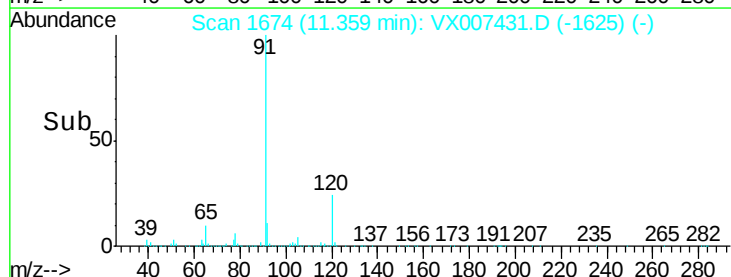
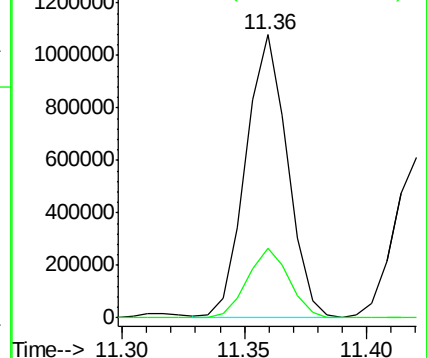
91 100

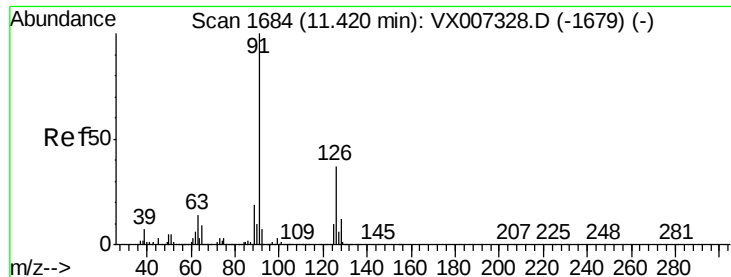
120 24.6 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.056 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Instrument :

MSVOA_X

ClientSampleId :

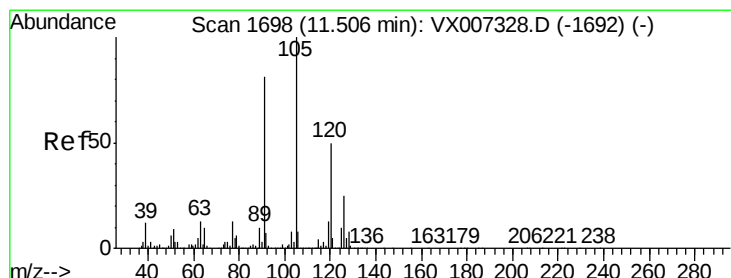
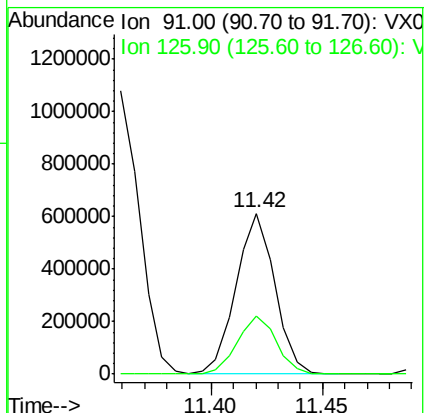
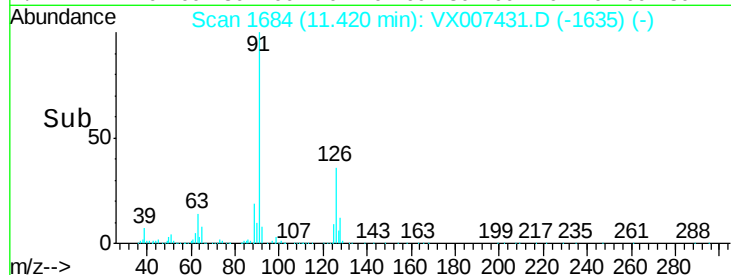
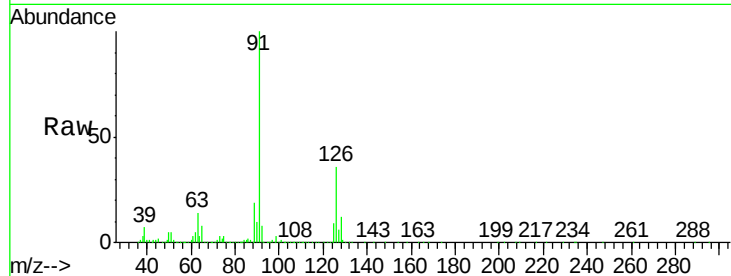
VSTDCCC050EC

Tot Ion: 91 Resp: 740655

Ion Ratio Lower Upper

91 100

126 36.7 18.7 56.1



#80

1,3,5-Trimethylbenzene

Concen: 50.107 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007431.D

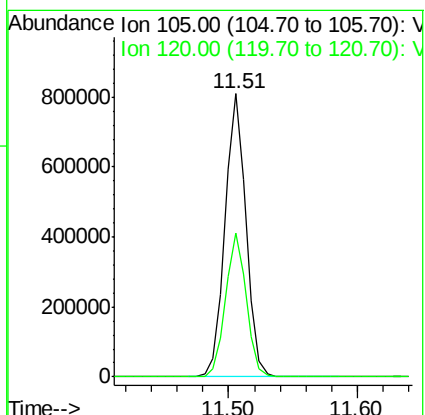
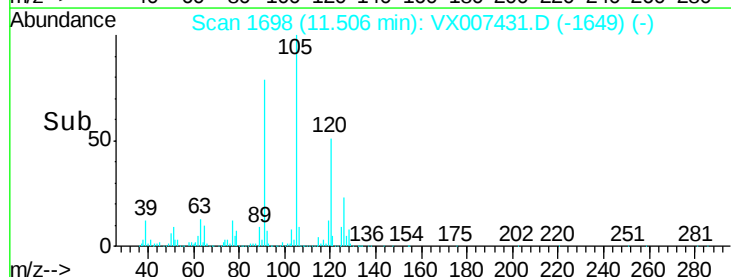
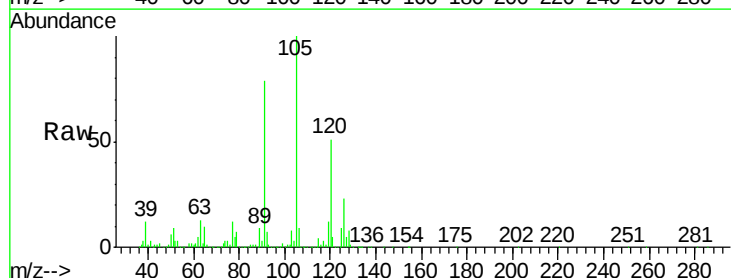
Acq: 07 Feb 2019 17:49

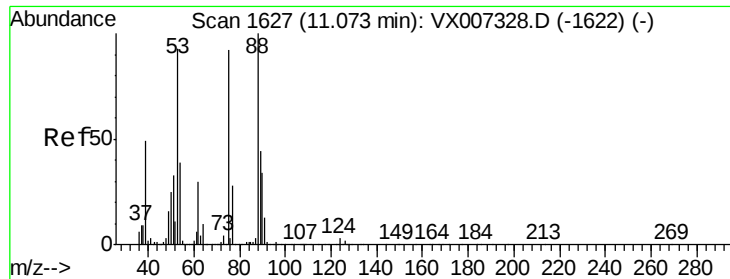
Tgt Ion:105 Resp: 930210

Ion Ratio Lower Upper

105 100

120 50.1 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 49.029 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

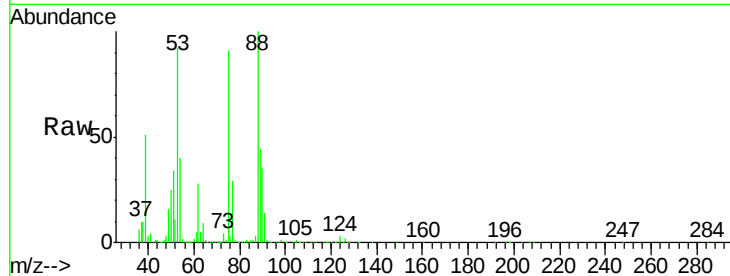
Tot Ion: 75 Resp: 102838

Ion Ratio Lower Upper

75 100

53 99.4 81.0 121.6

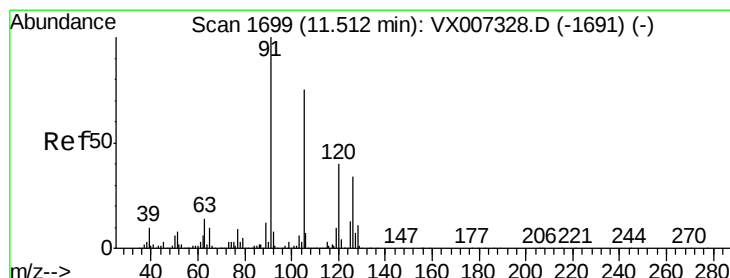
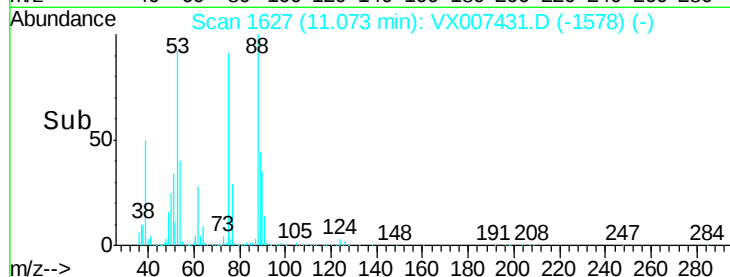
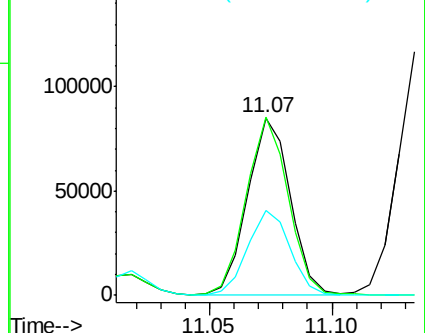
89 47.9 41.4 62.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 49.347 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX007431.D

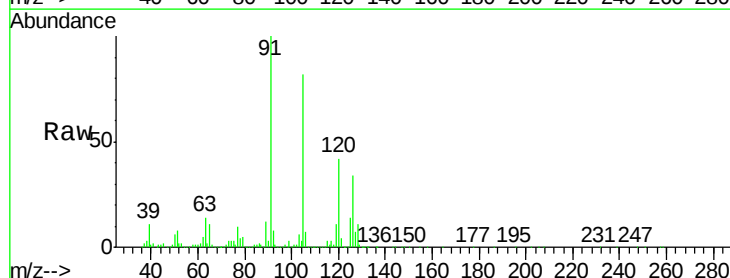
Acq: 07 Feb 2019 17:49

Tgt Ion: 91 Resp: 862102

Ion Ratio Lower Upper

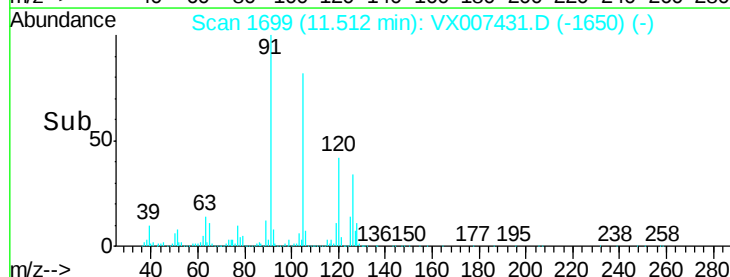
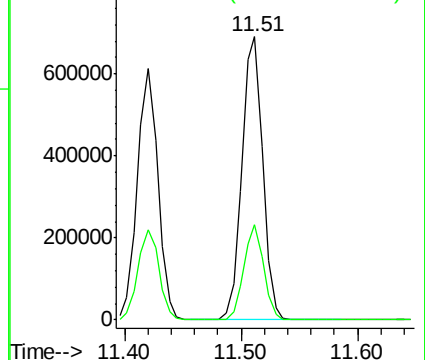
91 100

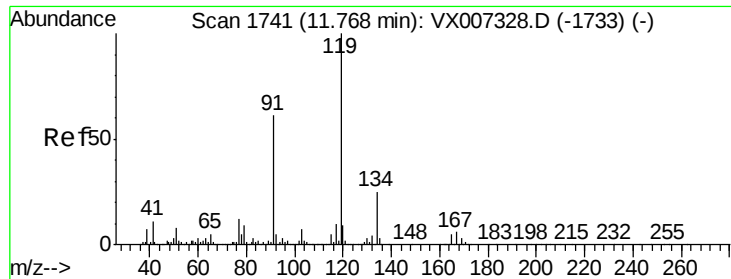
126 32.1 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 51.511 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

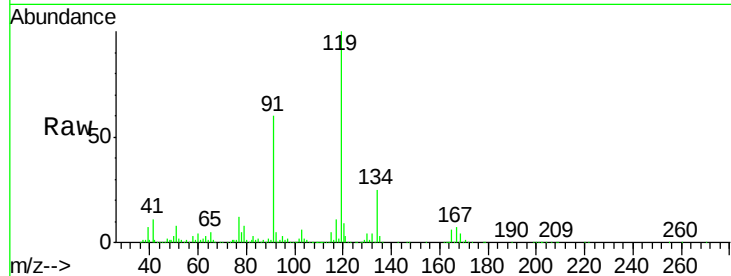
Tot Ion:119 Resp: 946770

Ion Ratio Lower Upper

119 100

91 54.5 28.5 85.6

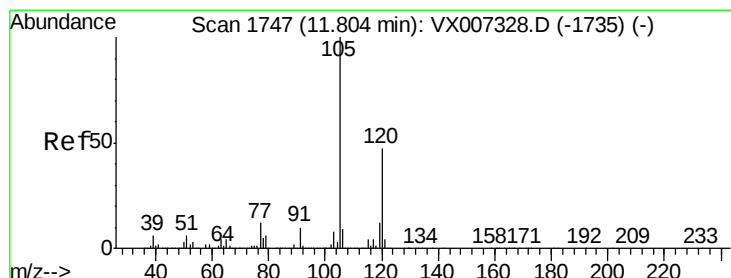
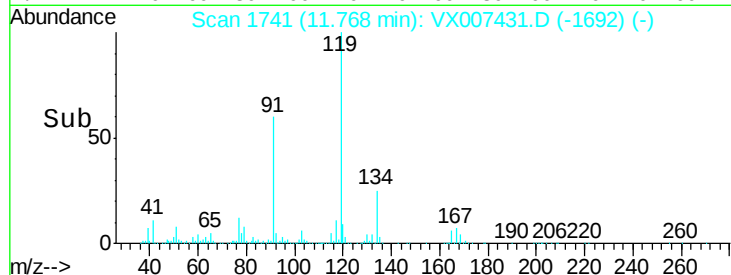
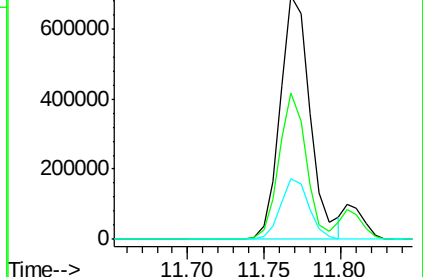
134 23.5 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 50.464 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX007431.D

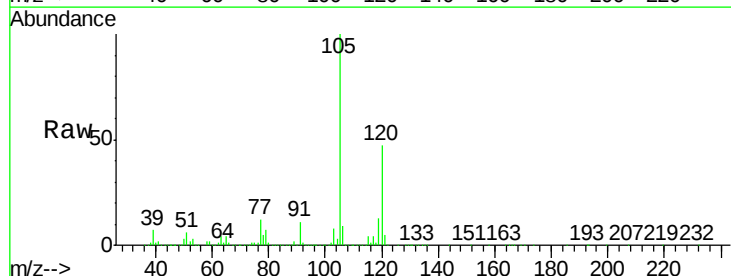
Acq: 07 Feb 2019 17:49

Tgt Ion:105 Resp: 951107

Ion Ratio Lower Upper

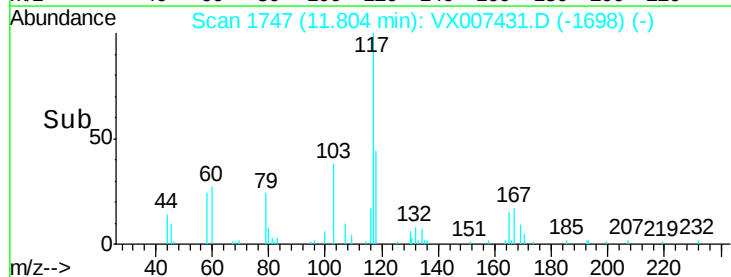
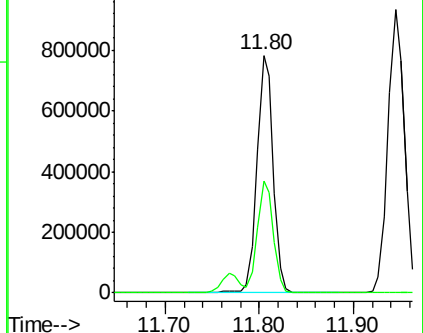
105 100

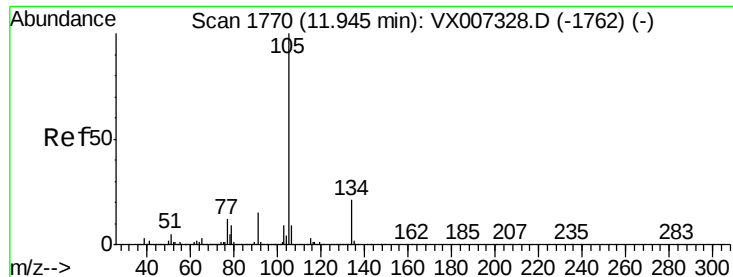
120 46.1 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.953 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Instrument :

MSVOA_X

ClientSampleId :

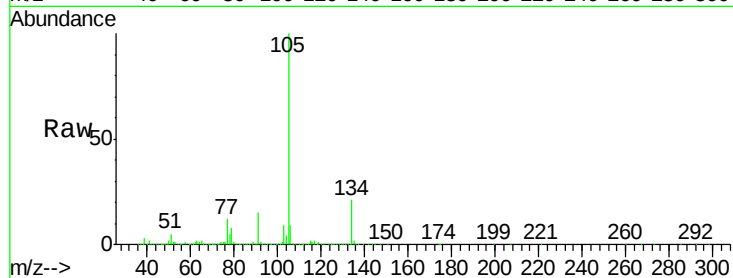
VSTDCCC050EC

Tot Ion:105 Resp: 1133476

Ion Ratio Lower Upper

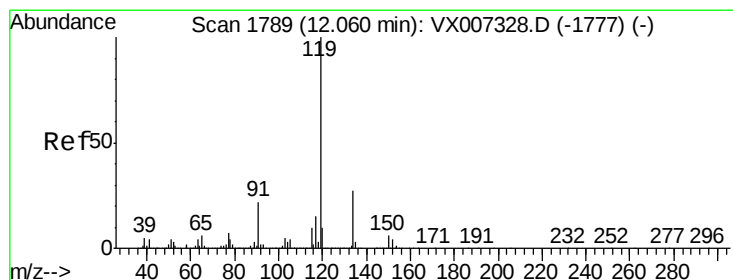
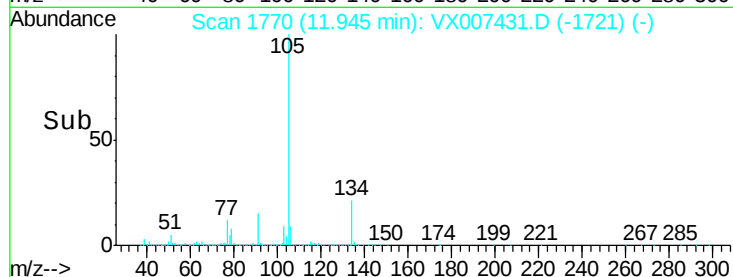
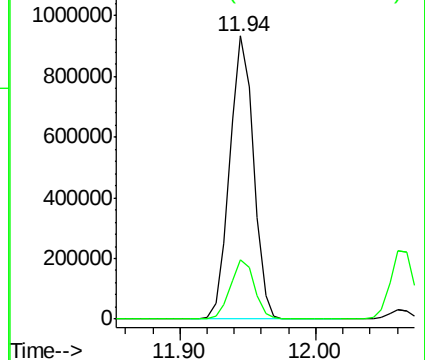
105 100

134 21.2 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.399 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

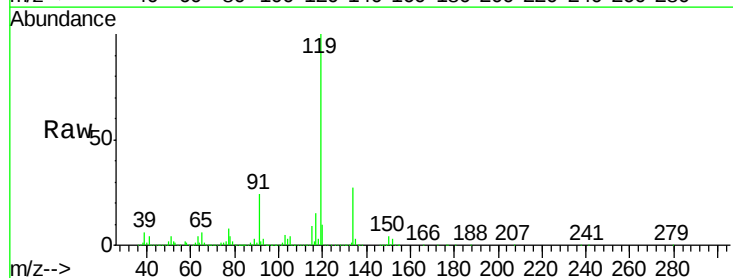
Tgt Ion:119 Resp: 1012052

Ion Ratio Lower Upper

119 100

134 27.1 13.7 41.1

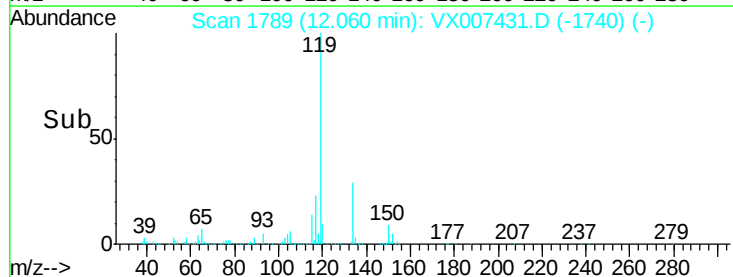
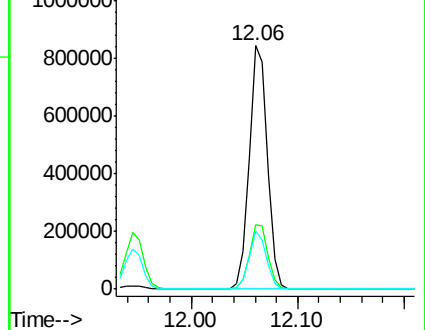
91 22.6 11.2 33.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

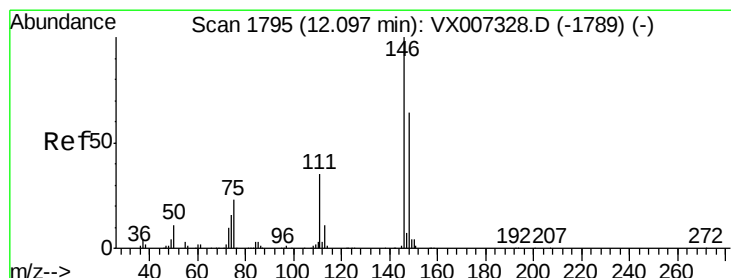
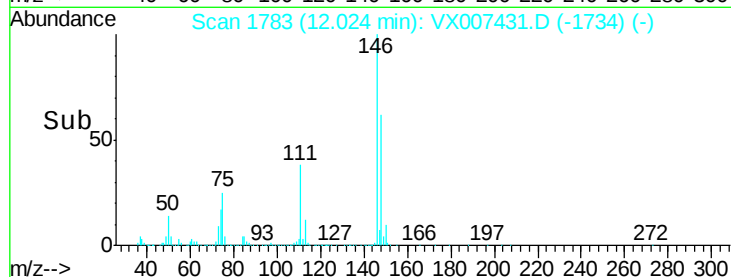
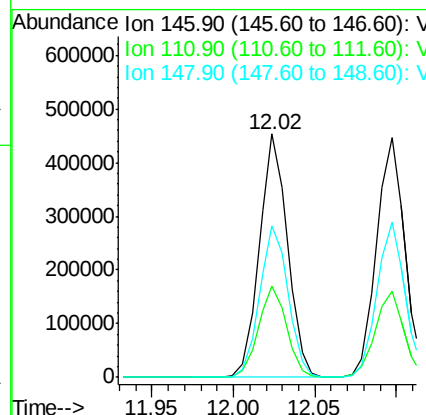
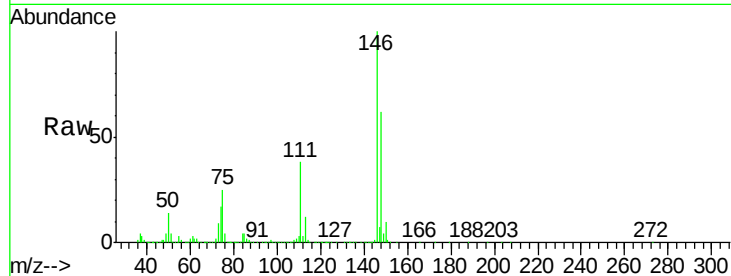




#87
 1,3-Dichlorobenzene
 Concen: 47.393 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007431.D
 Acq: 07 Feb 2019 17:49

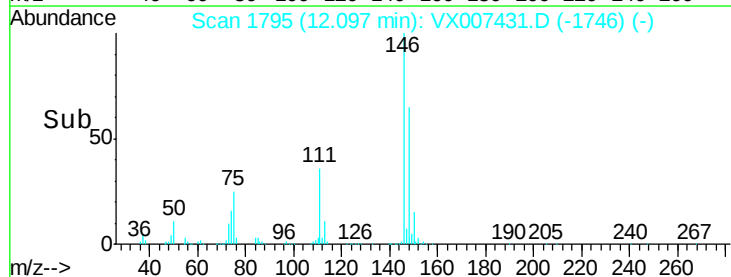
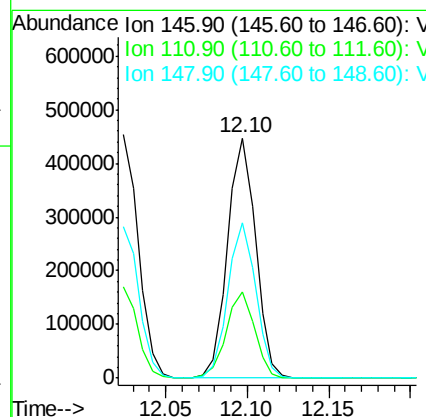
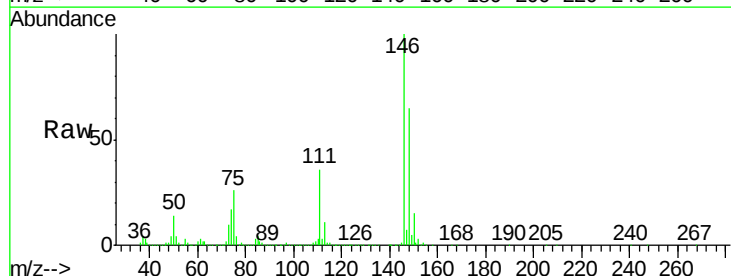
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

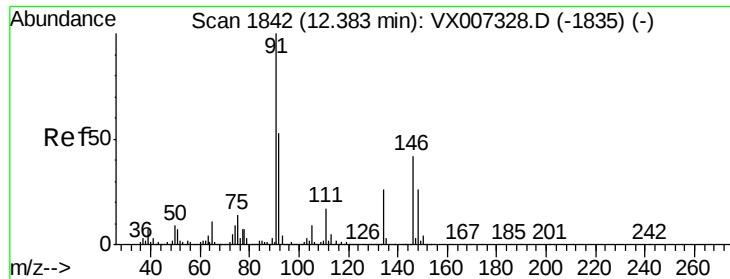
Tot Ion:146 Resp: 543797
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.1 54.1
 148 63.4 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 46.087 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007431.D
 Acq: 07 Feb 2019 17:49

Tgt Ion:146 Resp: 536496
 Ion Ratio Lower Upper
 146 100
 111 36.4 18.1 54.1
 148 64.1 32.3 96.9

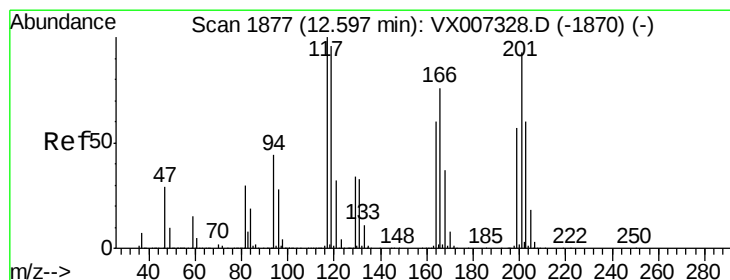
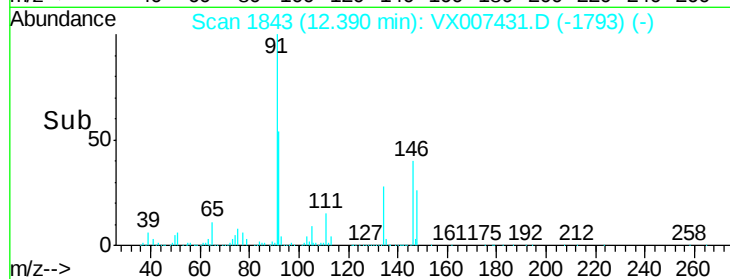
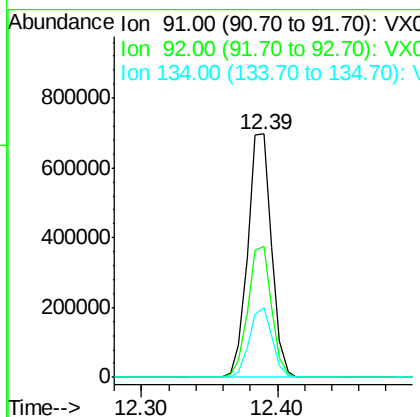
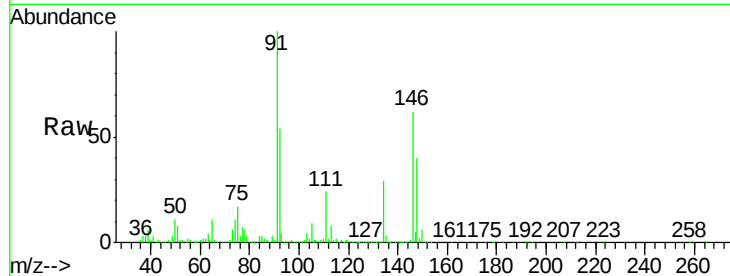




#89
n-Butylbenzene
Concen: 49.574 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007431.D
Acq: 07 Feb 2019 17:49

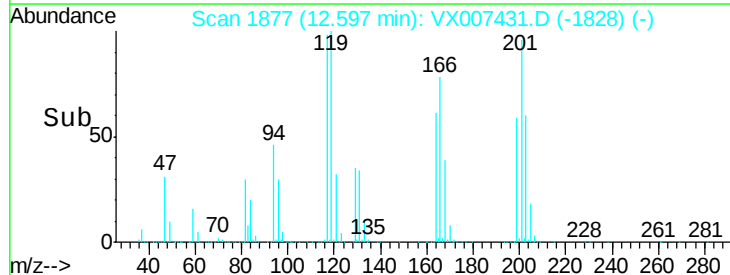
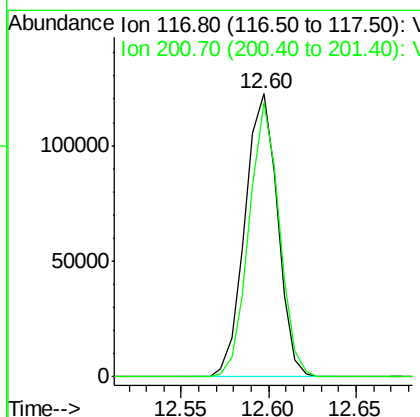
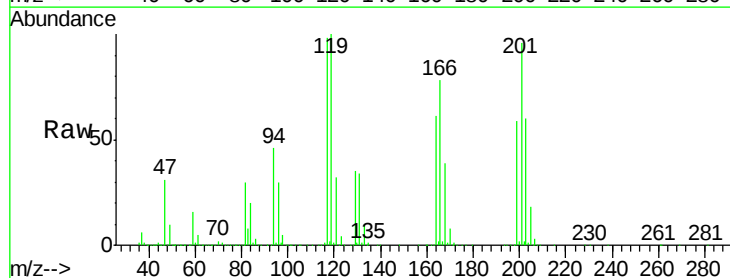
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

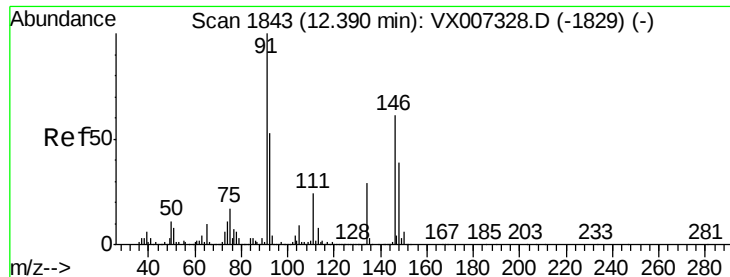
Tot Ion: 91 Resp: 856360
Ion Ratio Lower Upper
91 100
92 53.2 26.3 78.9
134 27.8 13.9 41.6



#90
Hexachloroethane
Concen: 53.099 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007431.D
Acq: 07 Feb 2019 17:49

Tgt Ion: 117 Resp: 159582
Ion Ratio Lower Upper
117 100
201 90.1 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 46.795 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

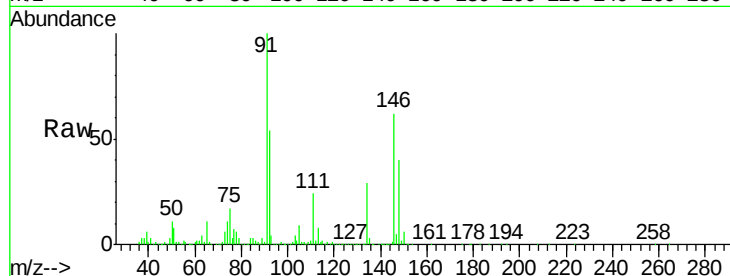
Tot Ion:146 Resp: 534347

Ion Ratio Lower Upper

146 100

111 38.1 19.1 57.3

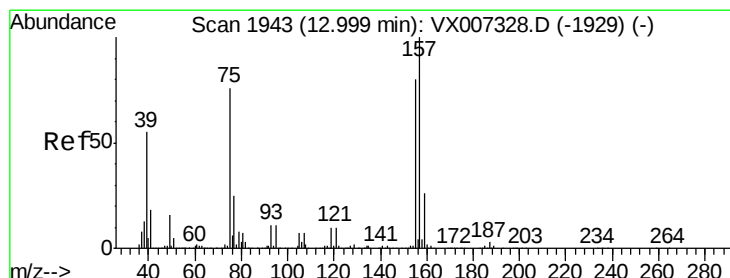
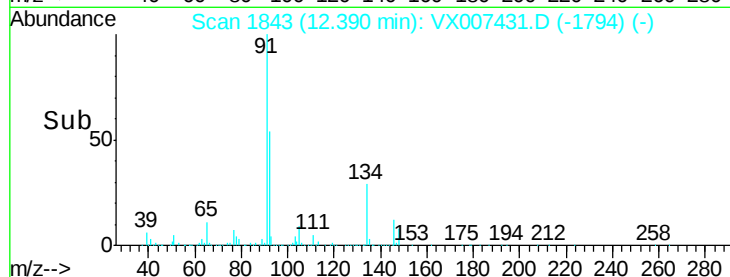
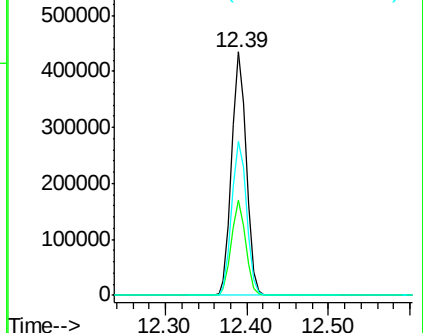
148 64.1 32.1 96.3



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: 51.991 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

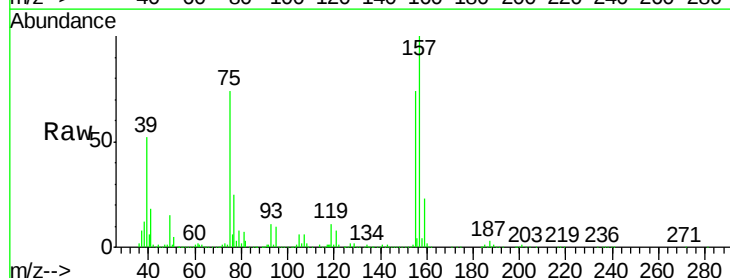
Tgt Ion: 75 Resp: 74760

Ion Ratio Lower Upper

75 100

155 103.1 49.6 149.0

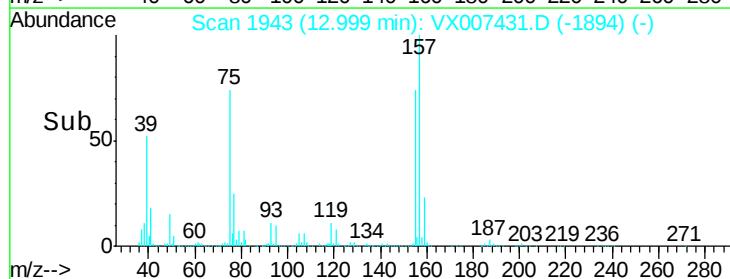
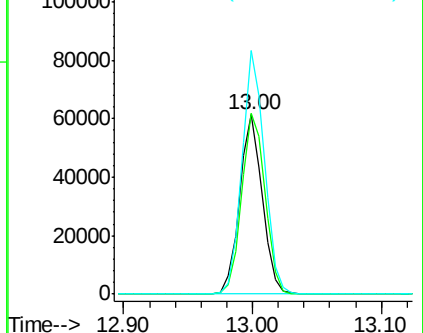
157 133.3 65.1 195.3

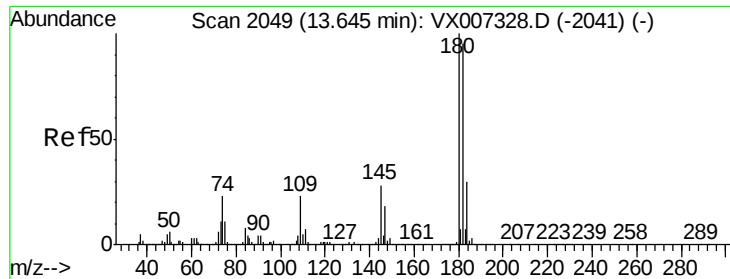


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

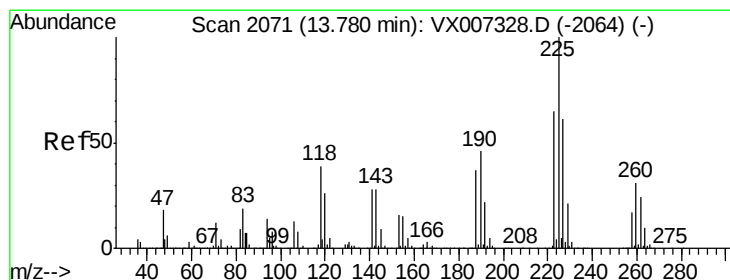
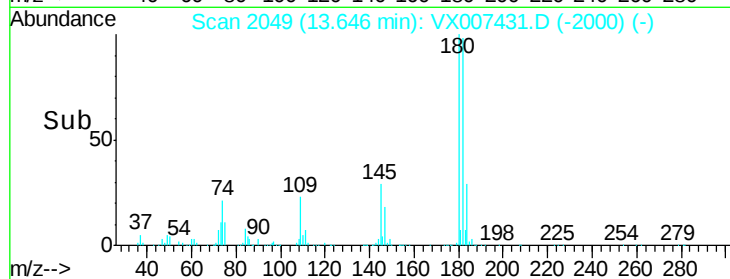
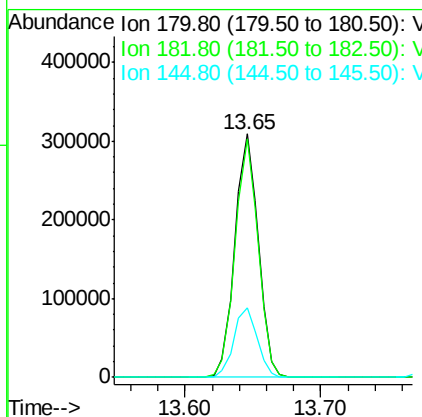
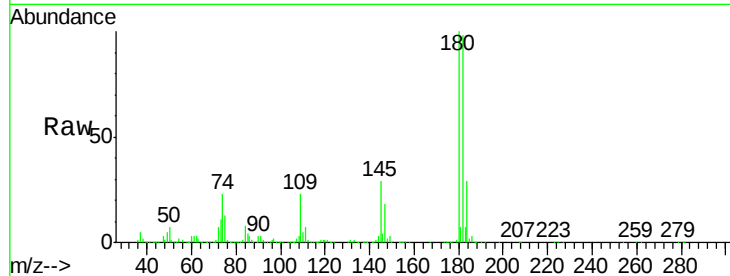




#93
 1,2,4-Trichlorobenzene
 Concen: 48.034 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007431.D
 Acq: 07 Feb 2019 17:49

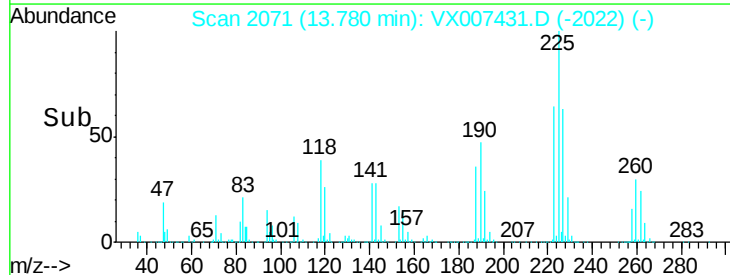
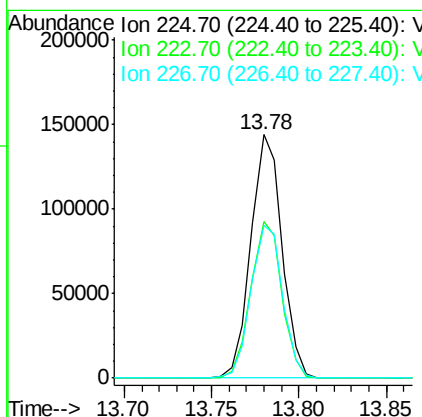
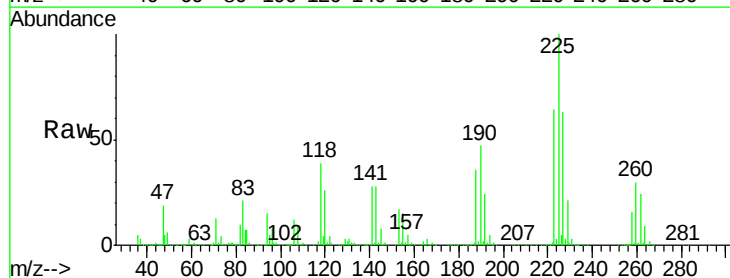
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

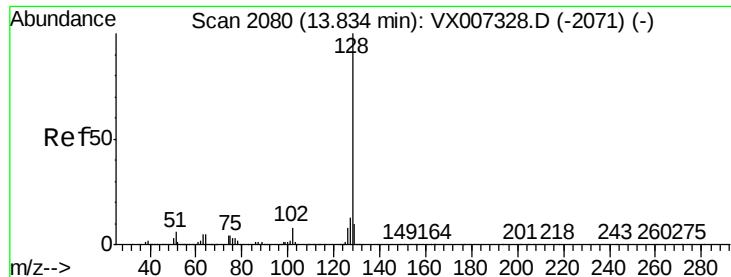
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.8	143.3
145	29.0	14.1	42.2



#94
 Hexachlorobutadiene
 Concen: 47.539 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007431.D
 Acq: 07 Feb 2019 17:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	31.6	94.8
227	64.0	32.1	96.3





#95

Naphthalene

Concen: 51.060 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Instrument :

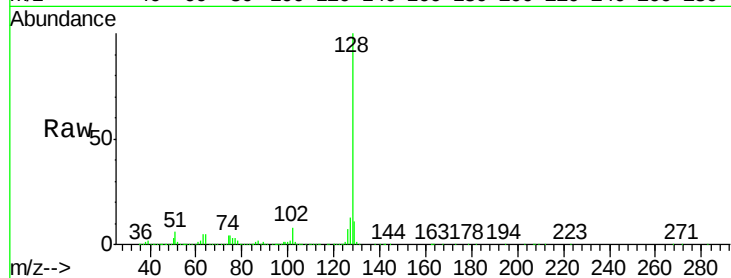
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:128 Resp: 1149857

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	11.1	8.7	13.1



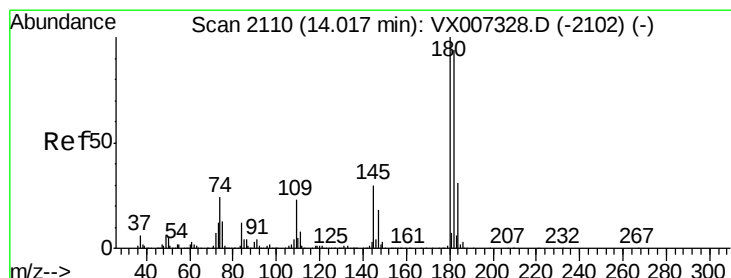
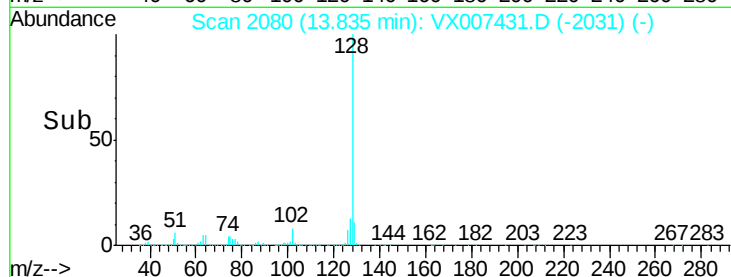
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

13.83

Time-->



#96

1,2,3-Trichlorobenzene

Concen: 47.117 ug/l

RT: 14.02 min Scan# 2110

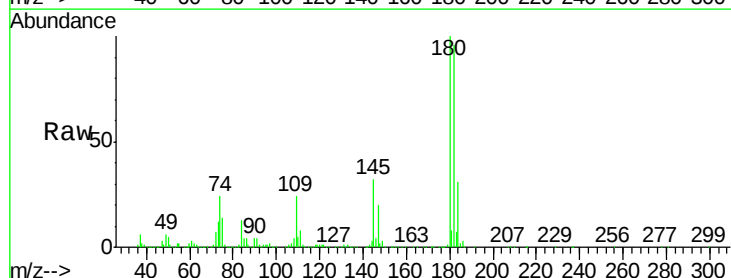
Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Tgt Ion:180 Resp: 365233

Ion	Ratio	Lower	Upper
180	100		
182	97.2	47.5	142.6
145	31.3	14.9	44.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

14.02

Time-->

