

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020519\
 Data File : VX007373.D
 Acq On : 05 Feb 2019 13:38
 Operator : JC/SP
 Sample : VX0205WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0205WBSD01

Quant Time: Feb 06 00:16:27 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	5.66	168	441153	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	658125	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	613637	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	314894	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	240113	51.28	ug/l	0.00
Spiked Amount			Recovery	=	102.56%	
35) Dibromofluoromethane	5.50	113	213751	49.92	ug/l	0.00
Spiked Amount			Recovery	=	99.84%	
50) Toluene-d8	8.71	98	815537	51.33	ug/l	0.00
Spiked Amount			Recovery	=	102.66%	
62) 4-Bromofluorobenzene	11.13	95	284949	49.12	ug/l	0.00
Spiked Amount			Recovery	=	98.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	109973	20.392	ug/l	96
3) Chloromethane	1.32	50	101088	20.344	ug/l	98
4) Vinyl Chloride	1.41	62	102057	20.936	ug/l	100
5) Bromomethane	1.64	94	100217	20.502	ug/l	96
6) Chloroethane	1.70	64	76310	24.199	ug/l	98
7) Trichlorofluoromethane	1.92	101	154218	20.223	ug/l	95
8) Diethyl Ether	2.19	74	59122	20.599	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	88310	19.469	ug/l	99
10) Methyl Iodide	2.51	142	130110	19.499	ug/l	99
11) Tert butyl alcohol	3.09	59	98863	102.021	ug/l	97
12) 1,1-Dichloroethene	2.37	96	81543	19.359	ug/l	98
13) Acrolein	2.30	56	49388	108.686	ug/l	99
14) Allyl chloride	2.73	41	137950	20.100	ug/l	98
15) Acrylonitrile	3.15	53	251728	105.009	ug/l	99
16) Acetone	2.45	43	211435	98.575	ug/l	99
17) Carbon Disulfide	2.57	76	192170	18.828	ug/l	97
18) Methyl Acetate	2.78	43	134617	24.395	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	278779	20.429	ug/l	99
20) Methylene Chloride	2.85	84	94946	21.447	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	87437	19.487	ug/l	97
22) Diisopropyl ether	3.87	45	253702	20.096	ug/l	98
23) Vinyl Acetate	3.82	43	1007763	96.198	ug/l	99
24) 1,1-Dichloroethane	3.70	63	142732	19.688	ug/l	99
25) 2-Butanone	4.70	43	311249	101.966	ug/l	99
26) 2,2-Dichloropropane	4.59	77	98035	17.756	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	92290	18.831	ug/l	99
28) Bromochloromethane	5.02	49	64769	19.427	ug/l	95
29) Tetrahydrofuran	5.15	42	205782	107.189	ug/l	100
30) Chloroform	5.21	83	148511	19.631	ug/l	99
31) Cyclohexane	5.57	56	124893	19.181	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	127211	19.921	ug/l	97
36) 1,1-Dichloropropene	5.80	75	109036	18.465	ug/l	99
37) Ethyl Acetate	4.86	43	118164	19.796	ug/l	99
38) Carbon Tetrachloride	5.78	117	106861	18.654	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	135208	18.925	ug/l	99
40) Benzene	6.14	78	344438	19.802	ug/l	96
41) Methacrylonitrile	5.06	41	65942	20.612	ug/l	98
42) 1,2-Dichloroethane	6.20	62	115632	19.213	ug/l	98
43) Isopropyl Acetate	6.46	43	182425	19.800	ug/l	99
44) Trichloroethene	7.21	130	100575	19.198	ug/l	99
45) 1,2-Dichloropropane	7.51	63	82407	18.909	ug/l	97
46) Dibromomethane	7.66	93	59397	18.752	ug/l	98
47) Bromodichloromethane	7.90	83	101582	18.923	ug/l	98
48) Methyl methacrylate	7.77	41	94729	20.555	ug/l	99
49) 1,4-Dioxane	7.75	88	41880	403.721	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	614695	101.346	ug/l	99
52) Toluene	8.79	92	221312	19.720	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	108991	18.901	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	122384	19.300	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	94125	20.121	ug/l	97
56) Ethyl methacrylate	9.18	69	128431	19.822	ug/l	100
57) 1,3-Dichloropropane	9.37	76	147058	19.767	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	343869	100.692	ug/l	98
59) 2-Hexanone	9.49	43	465651	98.659	ug/l	100
60) Dibromochloromethane	9.58	129	86500	19.551	ug/l	97
61) 1,2-Dibromoethane	9.67	107	98587	19.900	ug/l	98
64) Tetrachloroethene	9.34	164	115414	19.955	ug/l	96
65) Chlorobenzene	10.13	112	253040	18.897	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	87031	19.385	ug/l	99
67) Ethyl Benzene	10.25	91	420534	19.502	ug/l	98
68) m/p-Xylenes	10.36	106	330743	38.584	ug/l	99
69) o-Xylene	10.70	106	158863	19.260	ug/l	98
70) Styrene	10.71	104	256930	19.207	ug/l	99
71) Bromoform	10.86	173	61920	18.487	ug/l	100
73) Isopropylbenzene	11.02	105	426500	19.931	ug/l	98
74) N-amyl acetate	10.90	43	163765	19.786	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	127064	19.484	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	144060	23.520	ug/l	79
77) Bromobenzene	11.26	156	117266	19.450	ug/l	100
78) n-propylbenzene	11.36	91	469950	20.028	ug/l	99
79) 2-Chlorotoluene	11.42	91	280085	19.672	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	348379	19.900	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	30868	18.488	ug/l	91
82) 4-Chlorotoluene	11.51	91	321554	19.518	ug/l	99
83) tert-Butylbenzene	11.77	119	332107	19.161	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	362122	20.374	ug/l	99
85) sec-Butylbenzene	11.94	105	420053	20.023	ug/l	99
86) p-Isopropyltoluene	12.06	119	372302	19.660	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	204591	18.908	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	201824	18.385	ug/l	99
89) n-Butylbenzene	12.39	91	304469	18.690	ug/l	99
90) Hexachloroethane	12.60	117	54332	19.170	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	206221	19.151	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	26796	19.761	ug/l	98

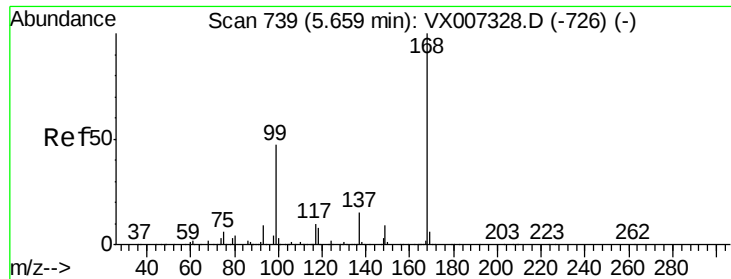
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QLast Update : Sat Feb 02 01:32:36 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	137734	18.966	ug/l	100
94) Hexachlorobutadiene	13.78	225	64878	18.398	ug/l	100
95) Naphthalene	13.83	128	435601	20.512	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	139220	19.045	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

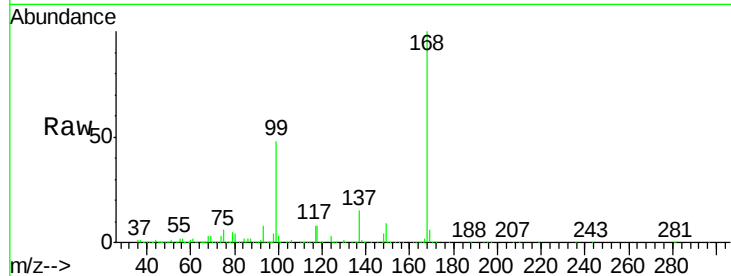
VX0205WBSD01

Tot Ion:168 Resp: 441153

Ion Ratio Lower Upper

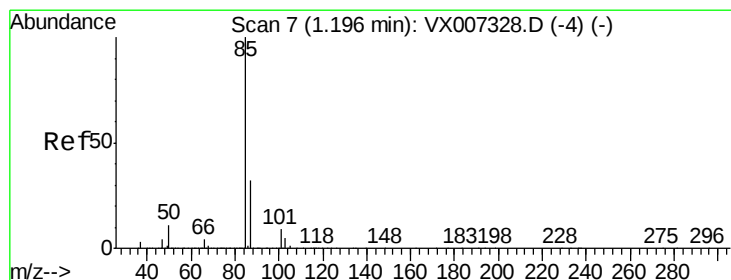
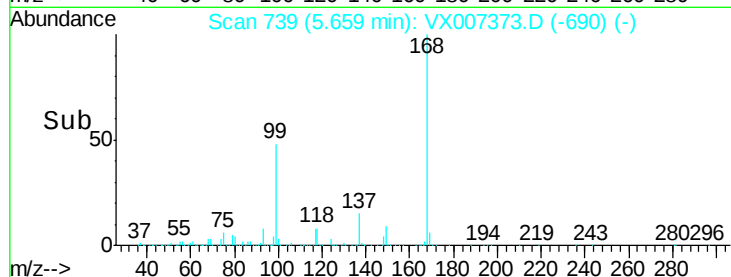
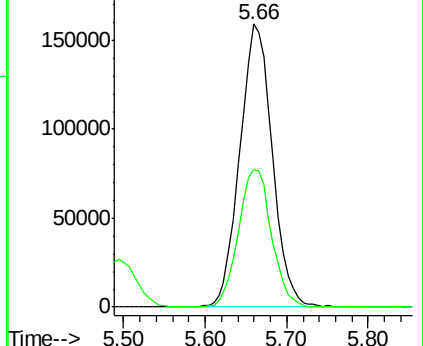
168 100

99 48.2 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 20.392 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007373.D

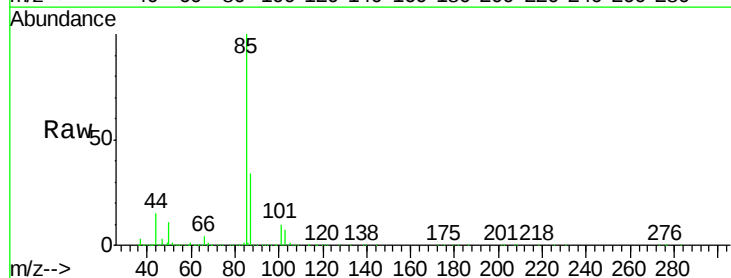
Acq: 05 Feb 2019 13:38

Tgt Ion: 85 Resp: 109973

Ion Ratio Lower Upper

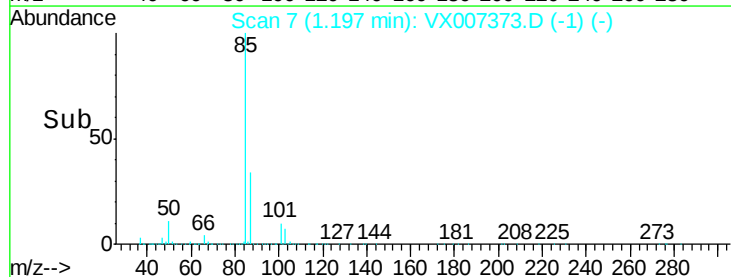
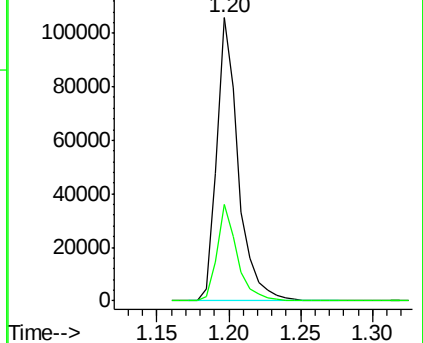
85 100

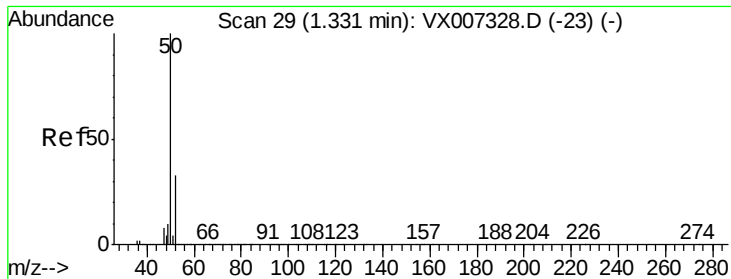
87 34.0 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 20.344 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

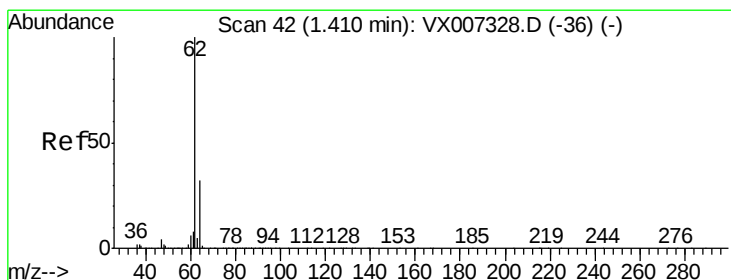
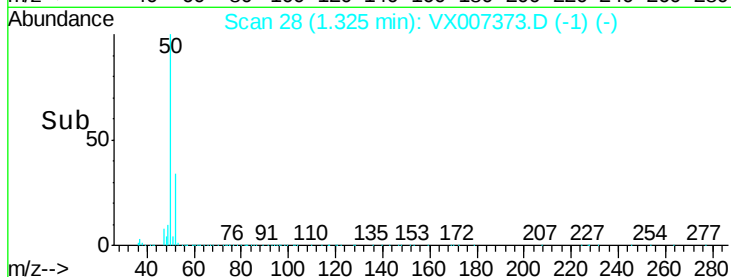
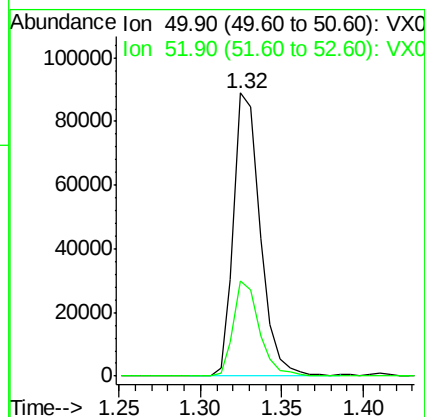
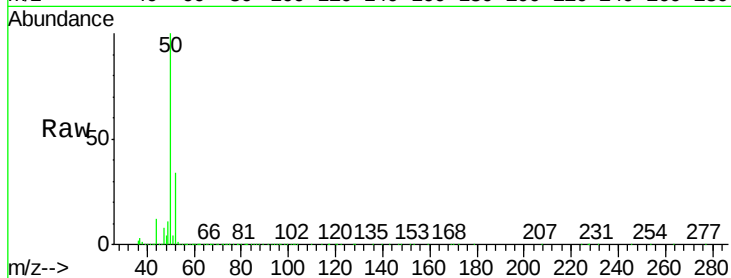
VX0205WBSD01

Tot Ion: 50 Resp: 101088

Ion Ratio Lower Upper

50 100

52 33.7 26.1 39.1



#4

Vinyl Chloride

Concen: 20.936 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007373.D

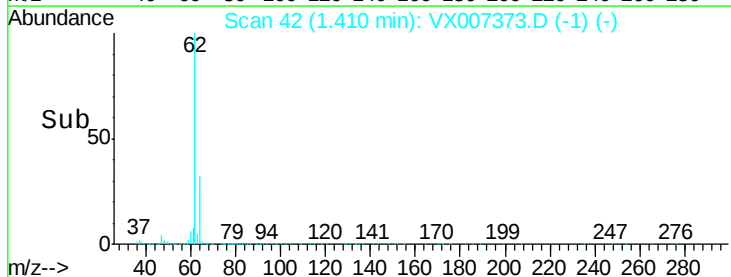
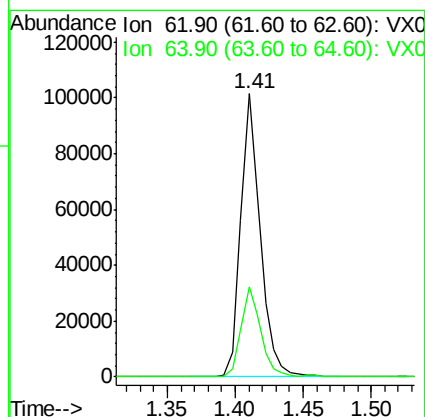
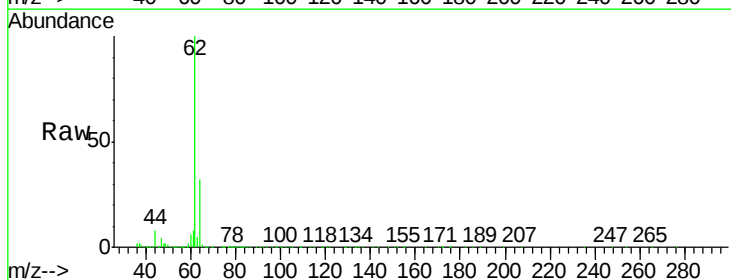
Acq: 05 Feb 2019 13:38

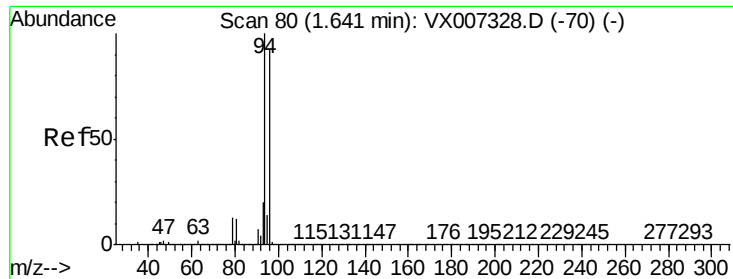
Tgt Ion: 62 Resp: 102057

Ion Ratio Lower Upper

62 100

64 31.9 25.4 38.0





#5

Bromomethane

Concen: 20.502 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

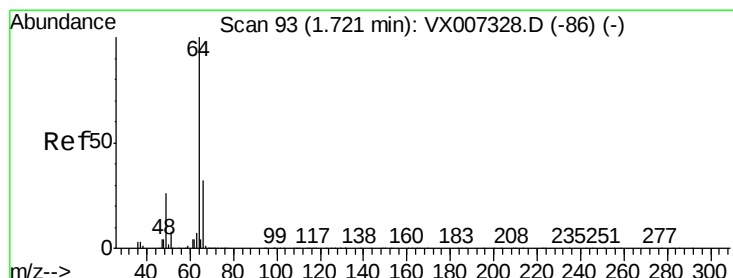
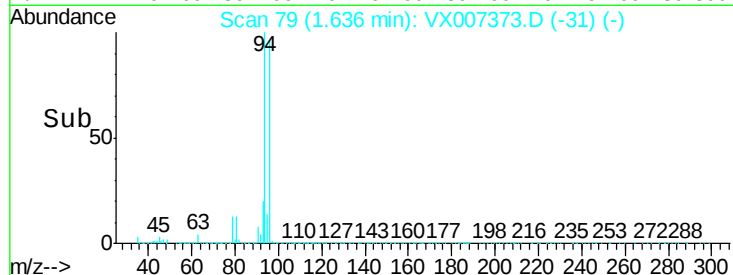
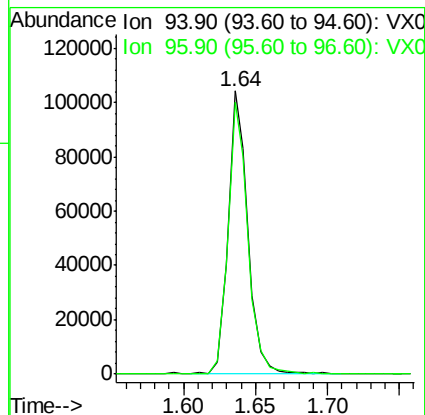
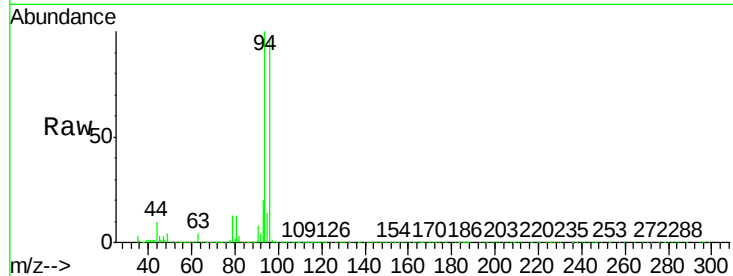
VX0205WBSD01

Tot Ion: 94 Resp: 100217

Ion Ratio Lower Upper

94 100

96 96.3 73.9 110.9



#6

Chloroethane

Concen: 24.199 ug/l

RT: 1.70 min Scan# 90

Delta R.T. -0.02 min

Lab File: VX007373.D

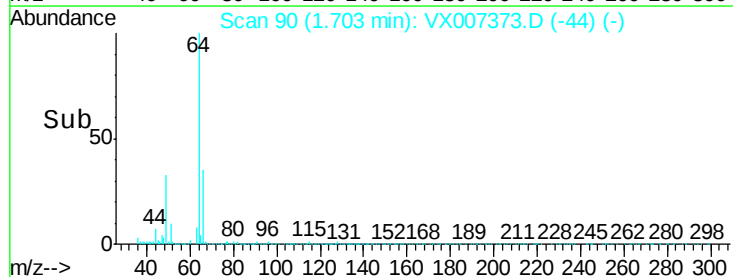
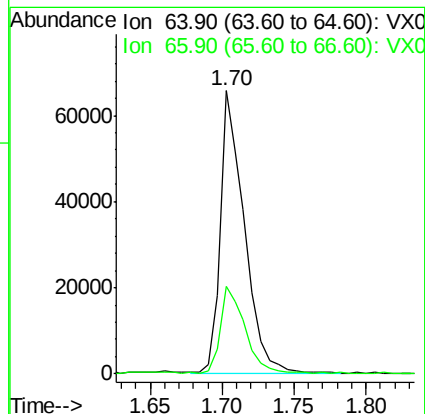
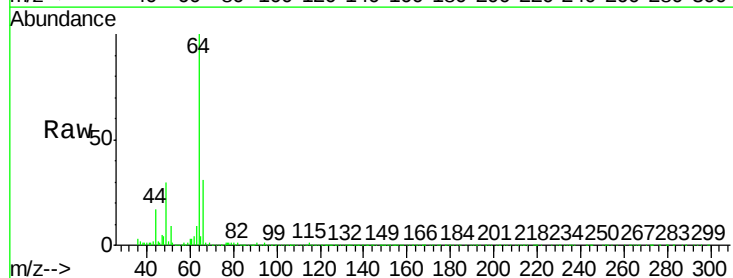
Acq: 05 Feb 2019 13:38

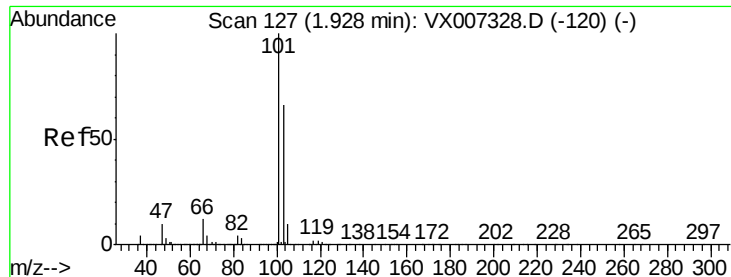
Tgt Ion: 64 Resp: 76310

Ion Ratio Lower Upper

64 100

66 30.6 25.5 38.3



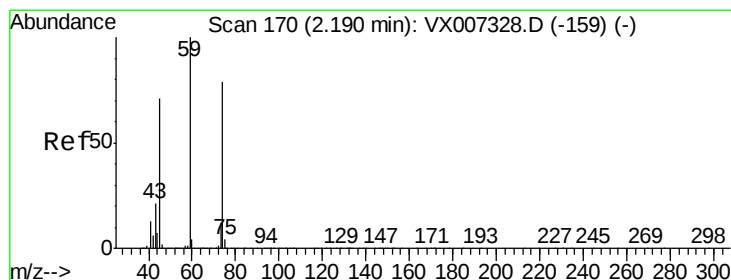
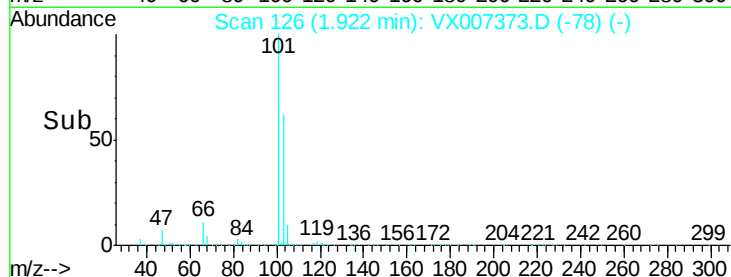
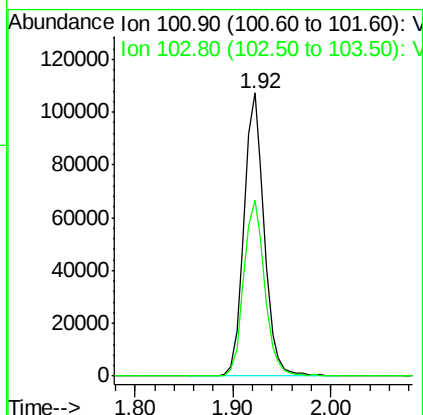
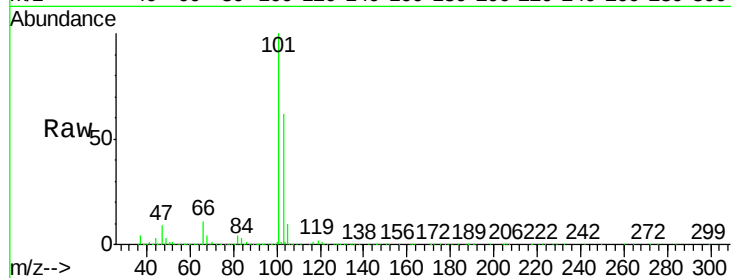


#7

Trichlorofluoromethane
Concen: 20.223 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX007373.D
Acq: 05 Feb 2019 13:38

Instrument :
MSVOA_X
ClientSampleId :
VX0205WBSD01

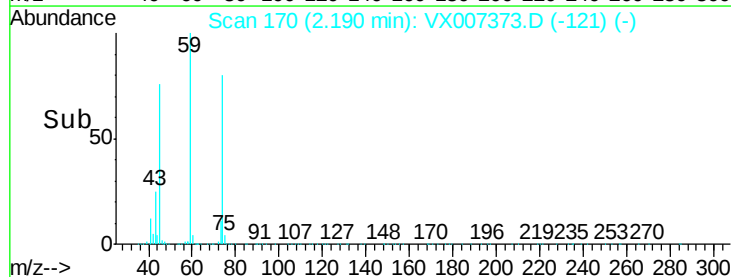
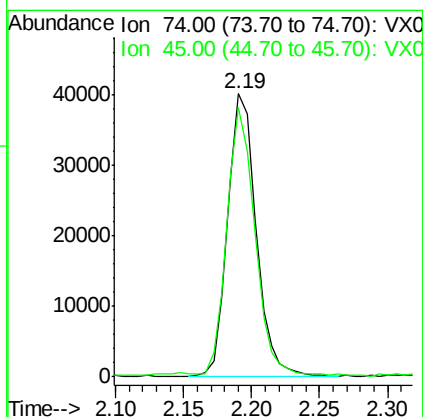
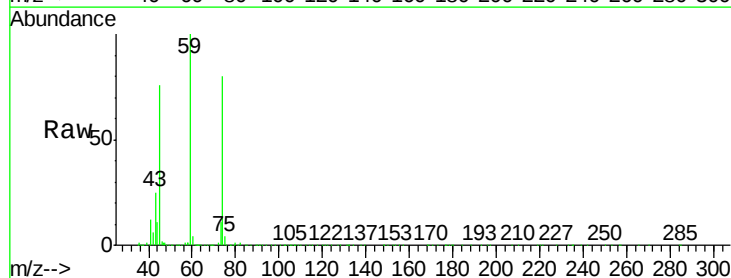
Tot Ion:101 Resp: 154218
Ion Ratio Lower Upper
101 100
103 62.2 52.6 79.0

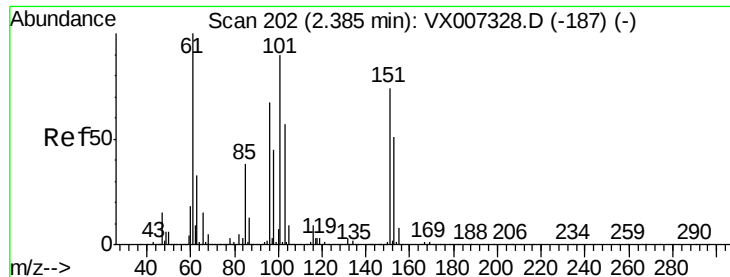


#8

Diethyl Ether
Concen: 20.599 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007373.D
Acq: 05 Feb 2019 13:38

Tgt Ion: 74 Resp: 59122
Ion Ratio Lower Upper
74 100
45 91.3 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.469 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX0205WBSD01

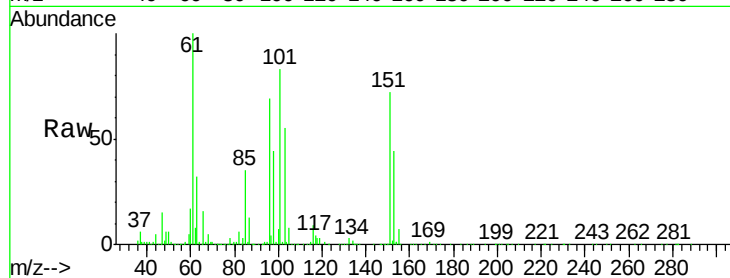
Tot Ion:101 Resp: 88310

Ion Ratio Lower Upper

101 100

85 44.2 34.1 51.1

151 87.0 69.9 104.9



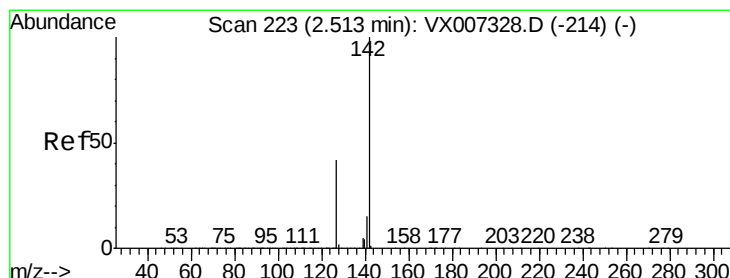
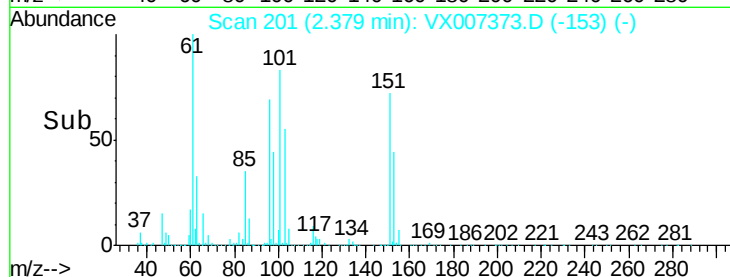
Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

2.38

Time-->



#10

Methyl Iodide

Concen: 19.499 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.01 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

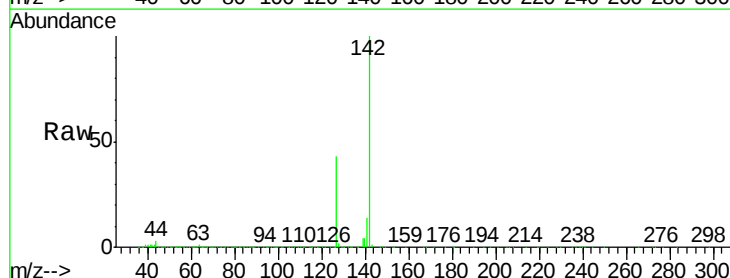
Tgt Ion:142 Resp: 130110

Ion Ratio Lower Upper

142 100

127 43.0 33.7 50.5

141 14.3 11.3 16.9



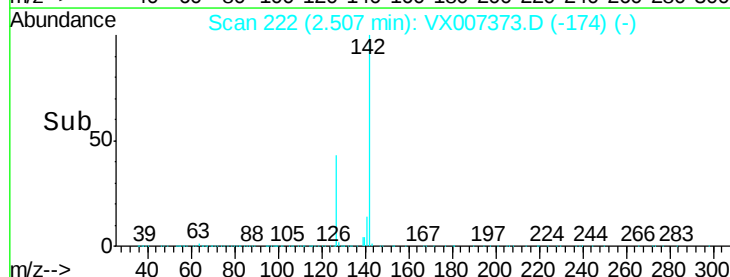
Abundance Ion 141.80 (141.50 to 142.50): V

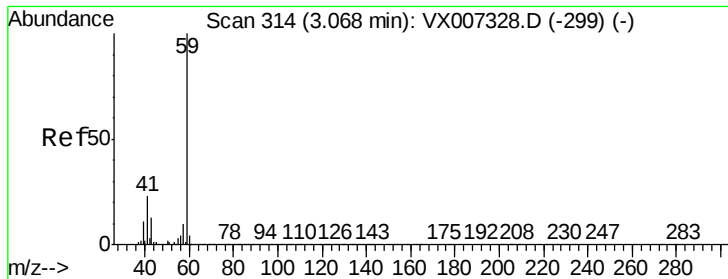
Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

2.51

Time-->



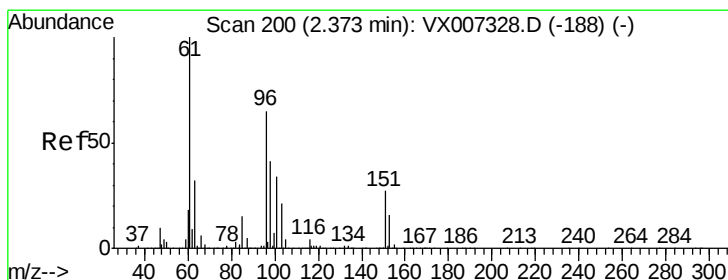
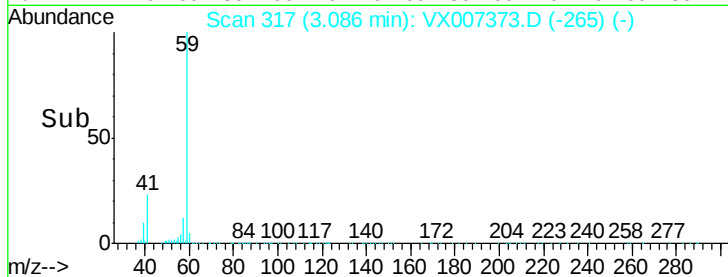
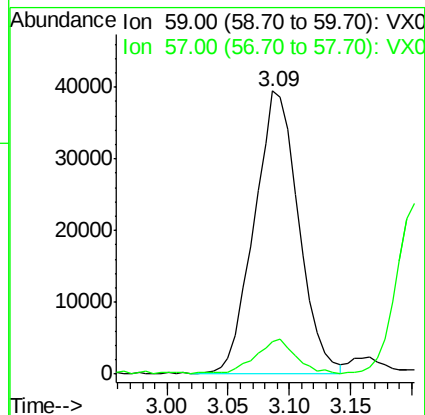
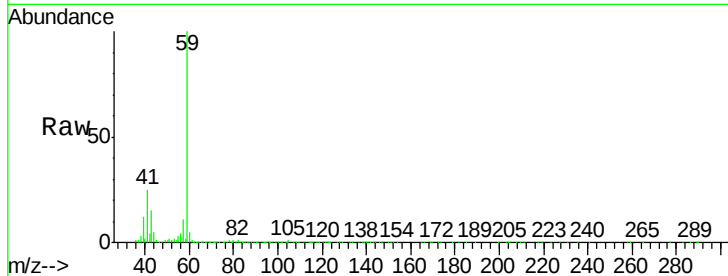


#11

Tert butyl alcohol
 Concen: 102.021 ug/l
 RT: 3.09 min Scan# 317
 Delta R.T. 0.02 min
 Lab File: VX007373.D
 Acq: 05 Feb 2019 13:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0205WBSD01

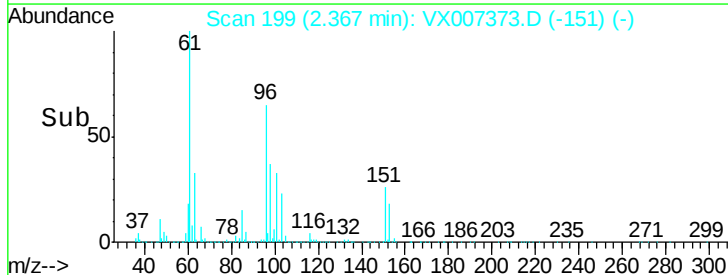
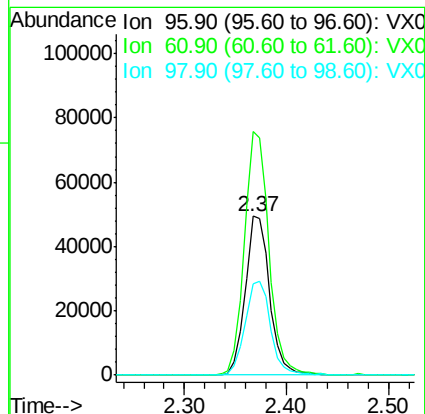
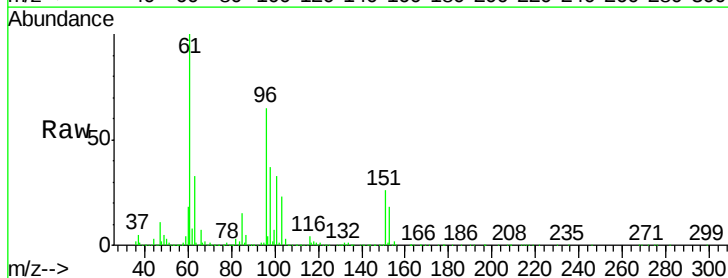
Tot Ion: 59 Resp: 98863
 Ion Ratio Lower Upper
 59 100
 57 11.1 8.1 12.1

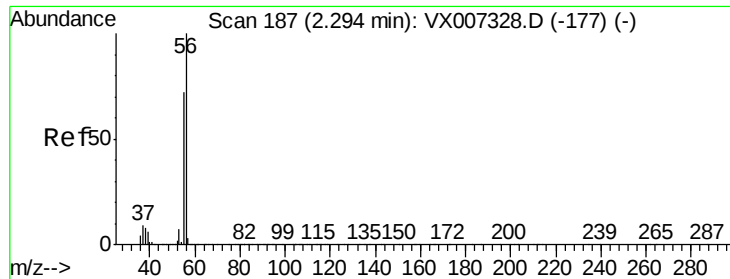


#12

1,1-Dichloroethene
 Concen: 19.359 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX007373.D
 Acq: 05 Feb 2019 13:38

Tgt Ion: 96 Resp: 81543
 Ion Ratio Lower Upper
 96 100
 61 153.5 123.0 184.4
 98 57.2 50.9 76.3





#13

Acrolein

Concen: 108.686 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

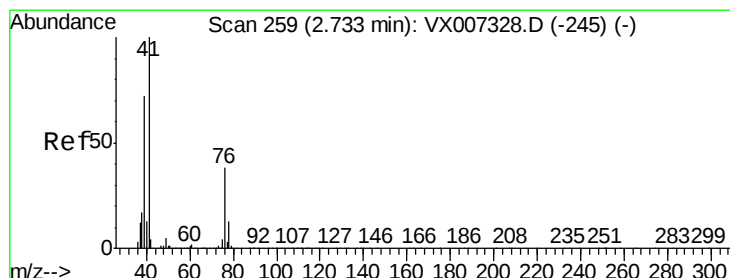
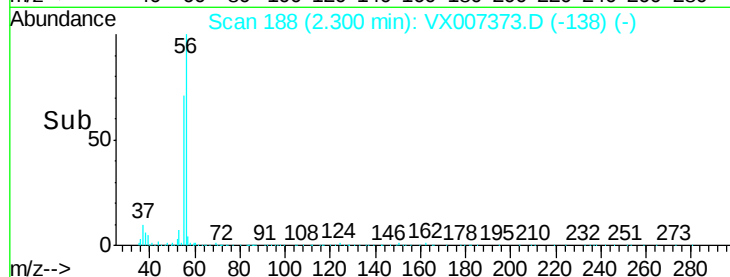
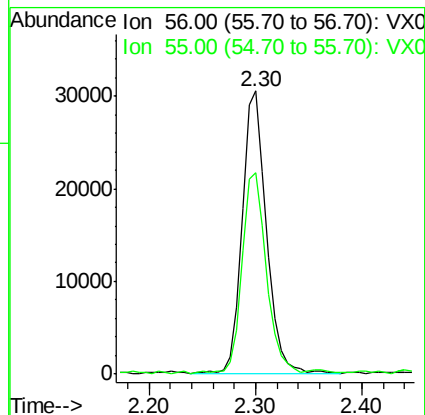
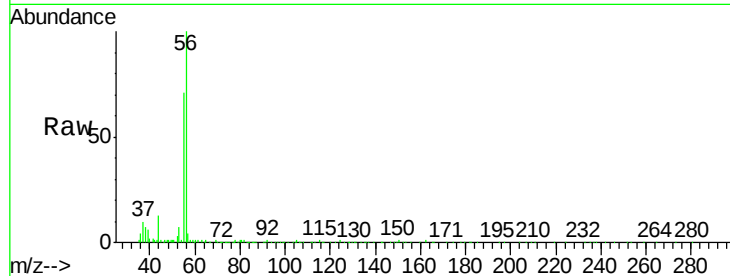
VX0205WBSD01

Tot Ion: 56 Resp: 49388

Ion Ratio Lower Upper

56 100

55 71.5 56.9 85.3



#14

Allyl chloride

Concen: 20.100 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

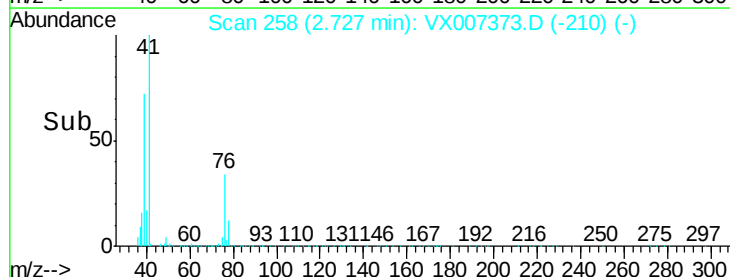
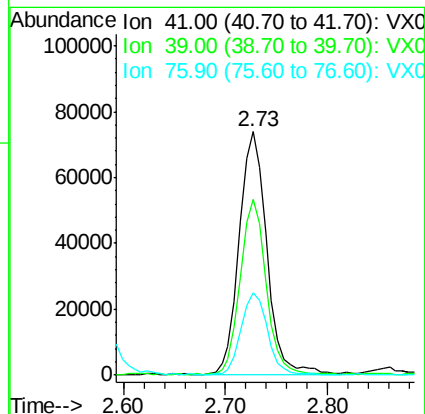
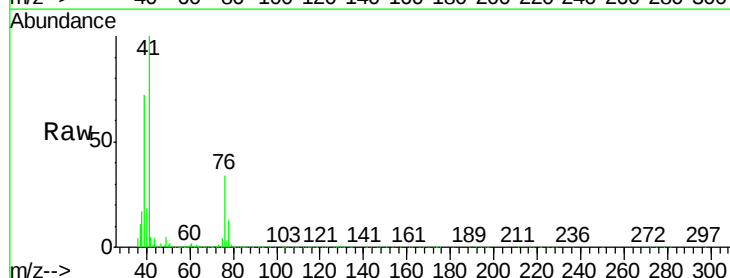
Tgt Ion: 41 Resp: 137950

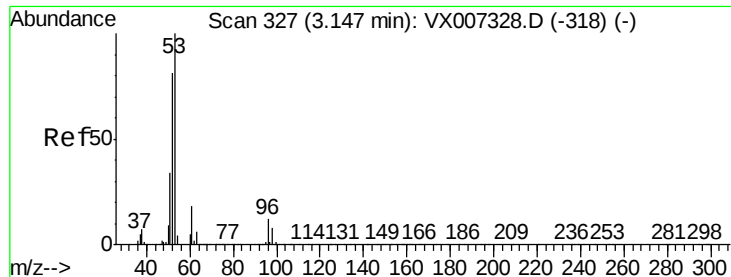
Ion Ratio Lower Upper

41 100

39 67.3 54.1 81.1

76 32.4 27.8 41.8





#15

Acrylonitrile

Concen: 105.009 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX0205WBSD01

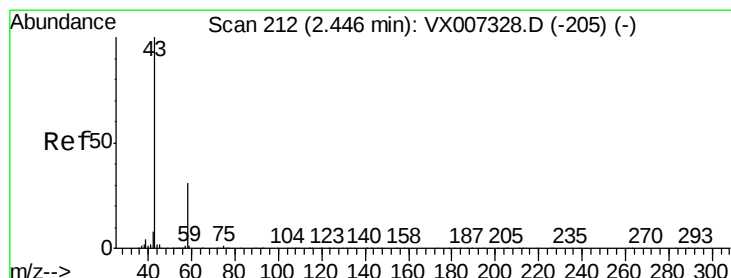
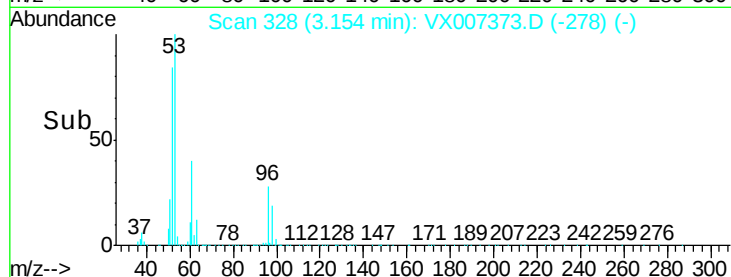
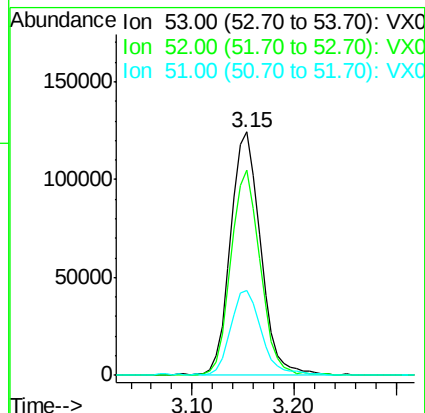
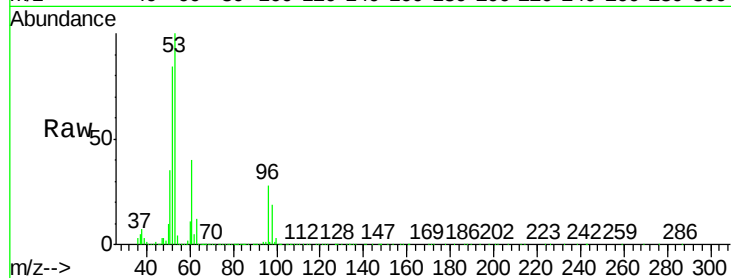
Tot Ion: 53 Resp: 251728

Ion Ratio Lower Upper

53 100

52 82.5 66.4 99.6

51 35.8 28.4 42.6



#16

Acetone

Concen: 98.575 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX007373.D

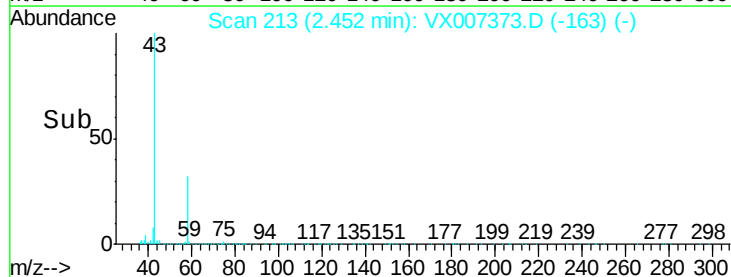
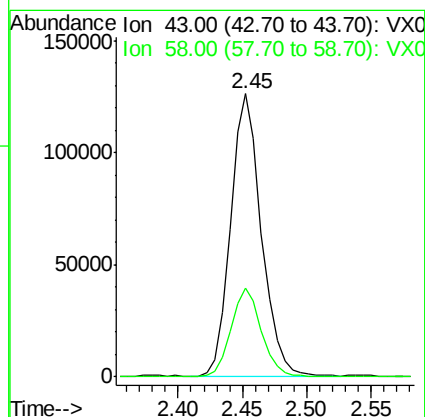
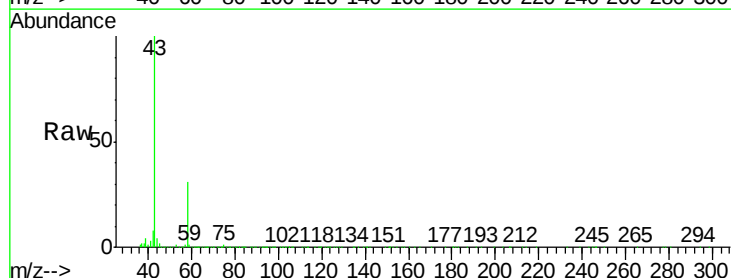
Acq: 05 Feb 2019 13:38

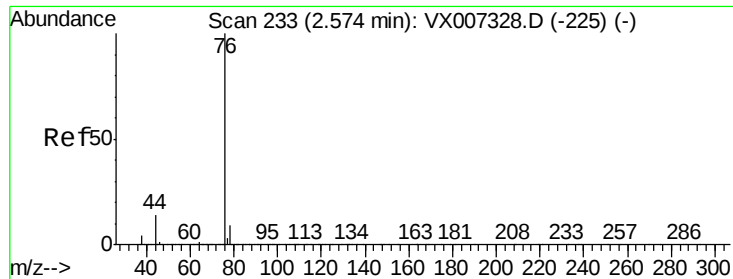
Tgt Ion: 43 Resp: 211435

Ion Ratio Lower Upper

43 100

58 31.4 24.9 37.3

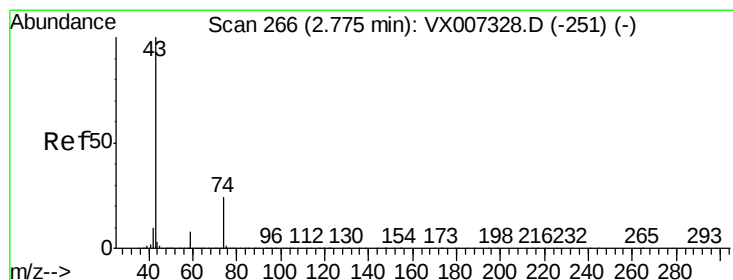
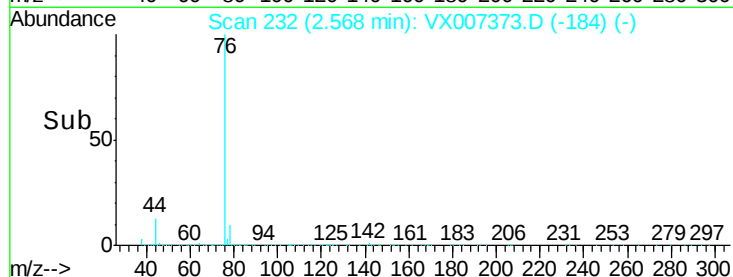
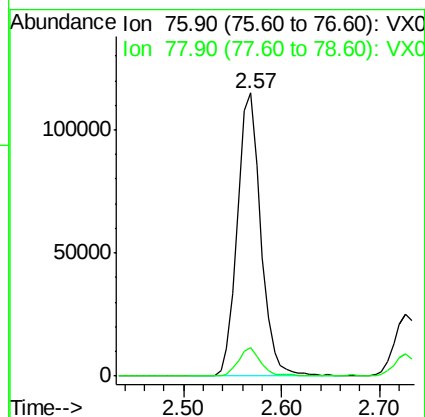
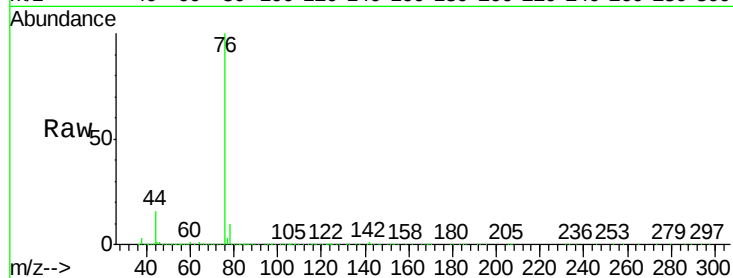




#17
Carbon Disulfide
Concen: 18.828 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.01 min
Lab File: VX007373.D
Acq: 05 Feb 2019 13:38

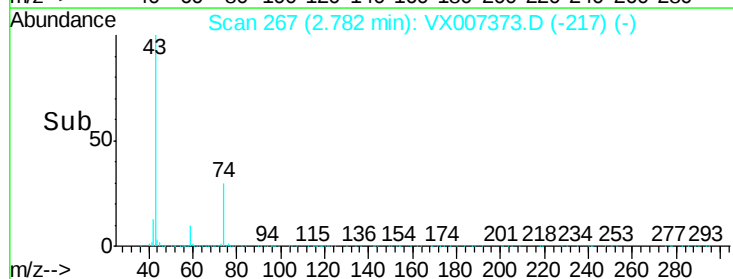
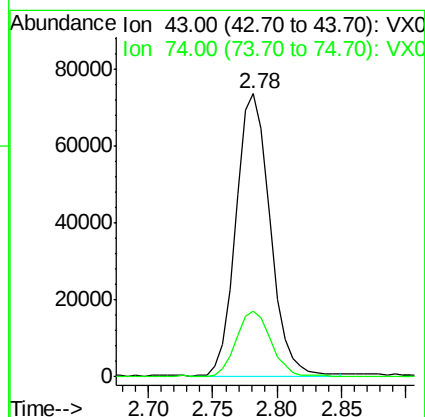
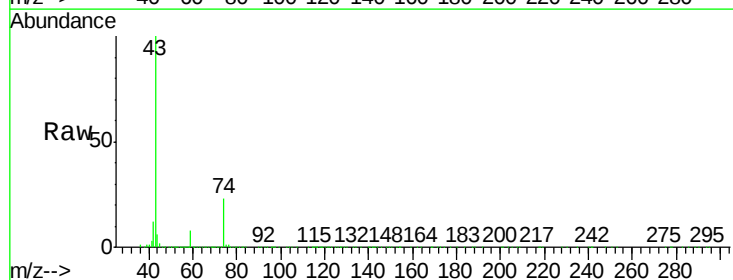
Instrument :
MSVOA_X
ClientSampleId :
VX0205WBSD01

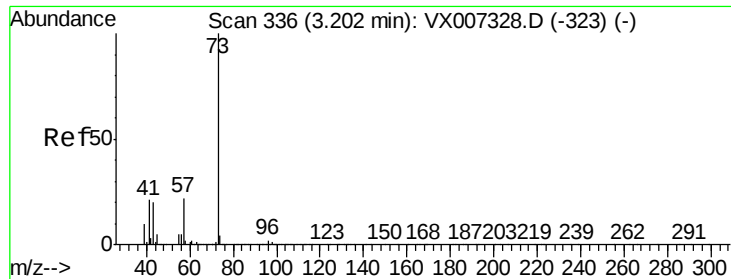
Tot Ion: 76 Resp: 192170
Ion Ratio Lower Upper
76 100
78 9.9 7.1 10.7



#18
Methyl Acetate
Concen: 24.395 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX007373.D
Acq: 05 Feb 2019 13:38

Tgt Ion: 43 Resp: 134617
Ion Ratio Lower Upper
43 100
74 23.7 19.4 29.2

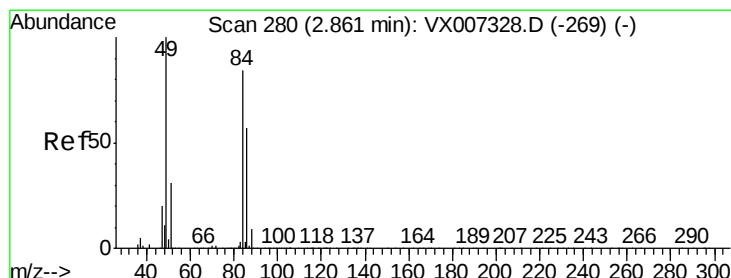
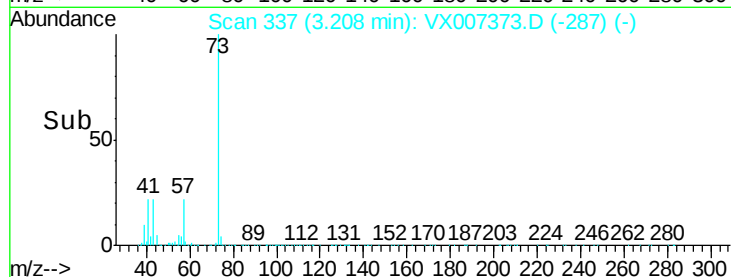
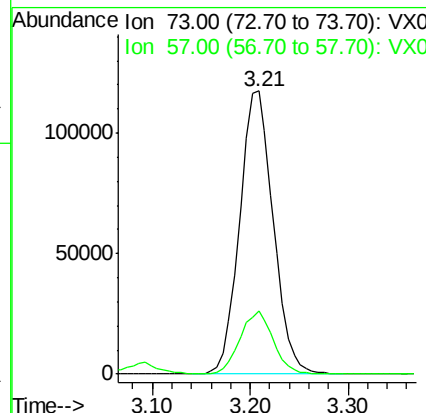
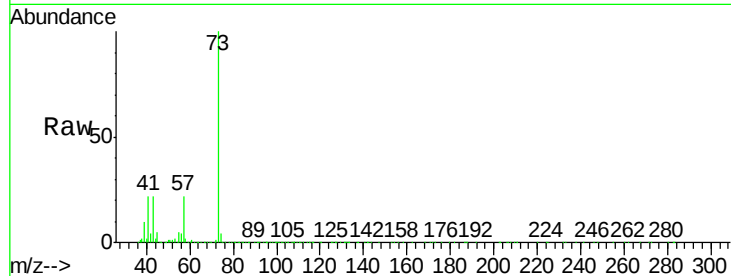




#19
Methvl tert-butvl Ether
Concen: 20.429 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX007373.D
Acq: 05 Feb 2019 13:38

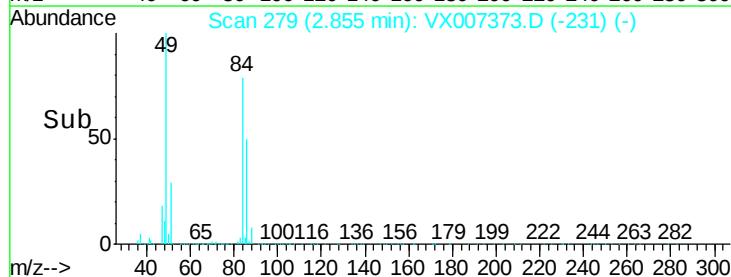
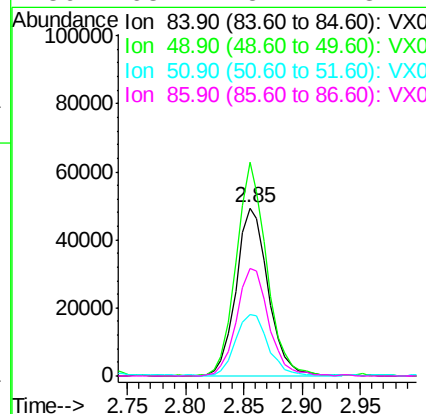
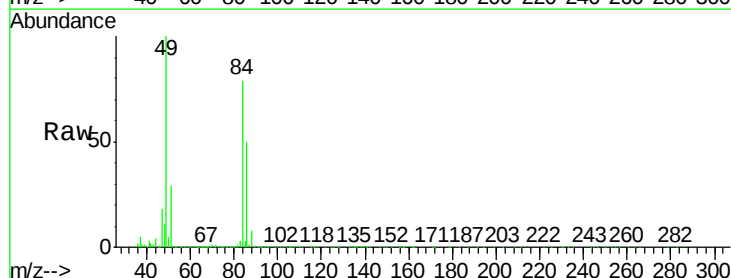
Instrument :
MSVOA_X
ClientSampleId :
VX0205WBSD01

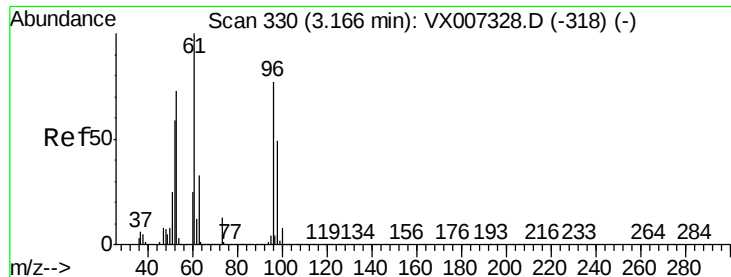
Tot Ion: 73 Resp: 278779
Ion Ratio Lower Upper
73 100
57 22.0 17.8 26.8



#20
Methylene Chloride
Concen: 21.447 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX007373.D
Acq: 05 Feb 2019 13:38

Tgt Ion: 84 Resp: 94946
Ion Ratio Lower Upper
84 100
49 126.7 94.8 142.2
51 36.2 29.8 44.8
86 63.7 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 19.487 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX0205WBSD01

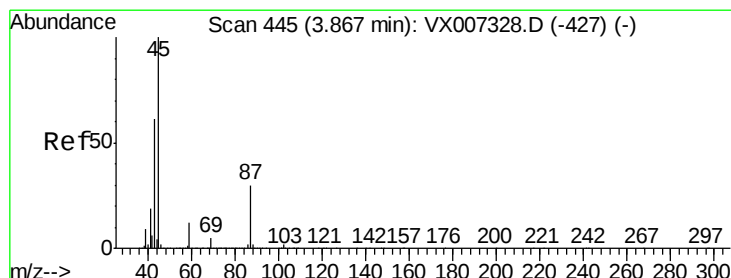
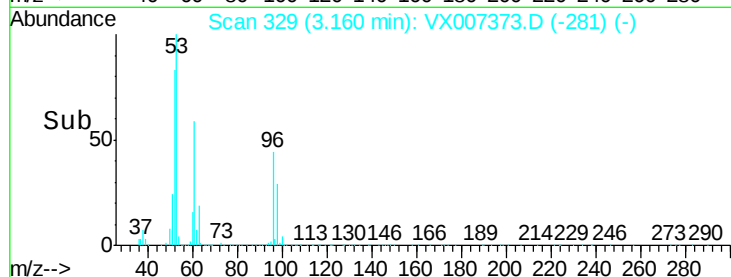
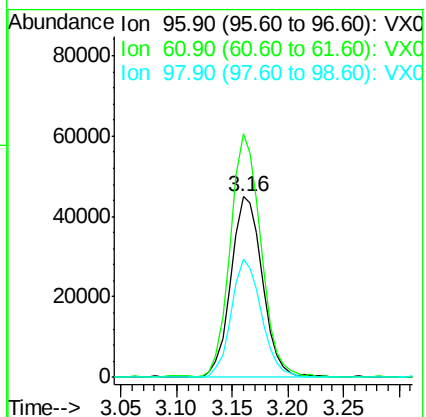
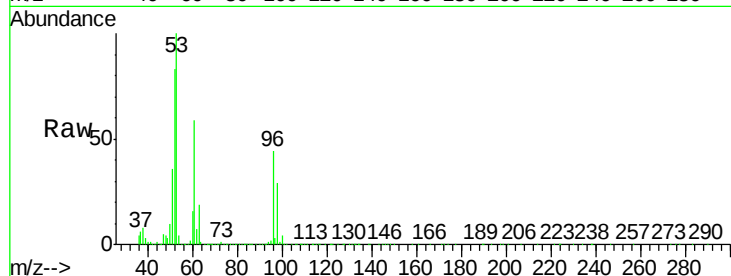
Tot Ion: 96 Resp: 87437

Ion Ratio Lower Upper

96 100

61 134.7 104.6 156.8

98 65.2 51.0 76.4



#22

Diisopropyl ether

Concen: 20.096 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Tgt Ion: 45 Resp: 253702

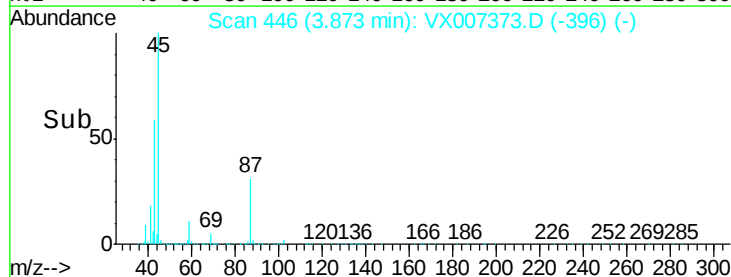
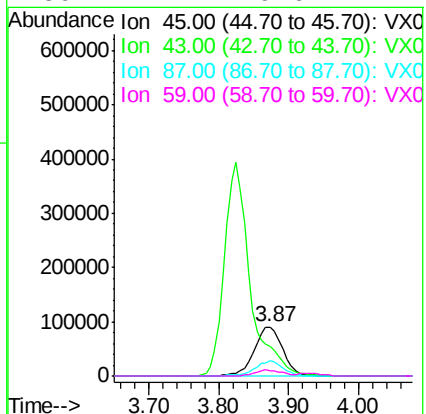
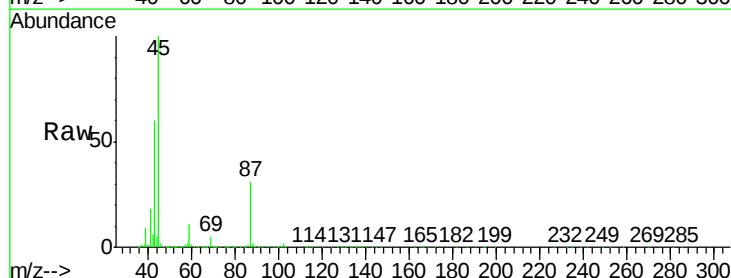
Ion Ratio Lower Upper

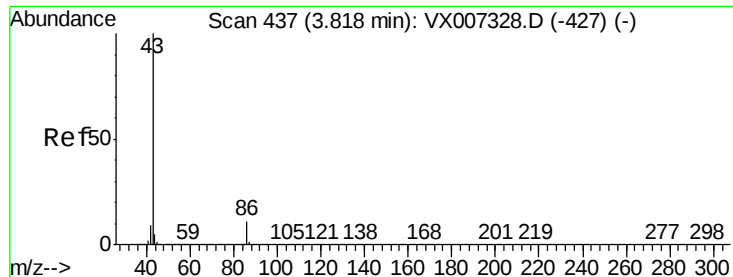
45 100

43 59.5 48.9 73.3

87 30.9 23.9 35.9

59 11.4 9.6 14.4





#23

Vinyl Acetate

Concen: 96.198 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

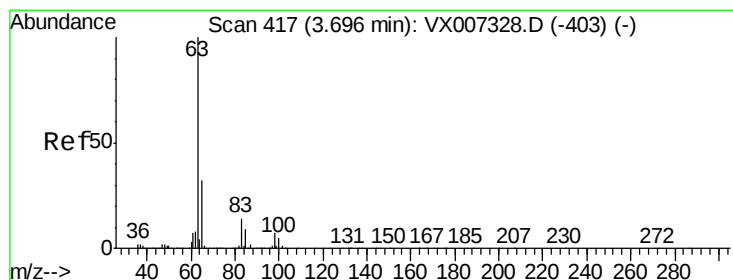
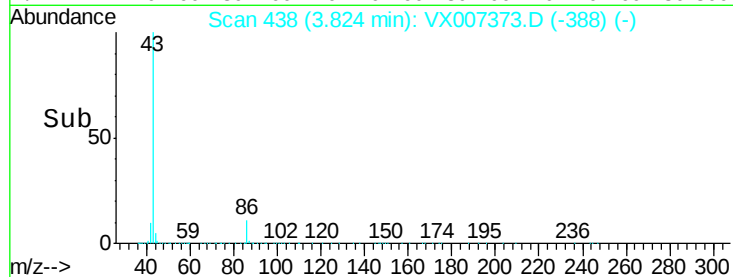
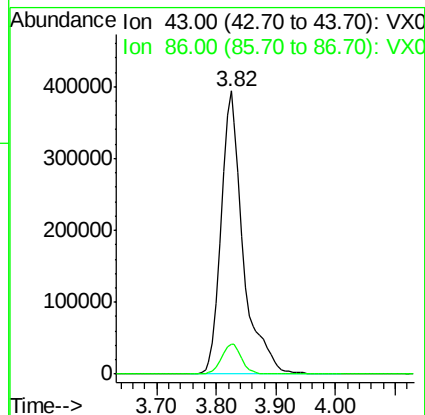
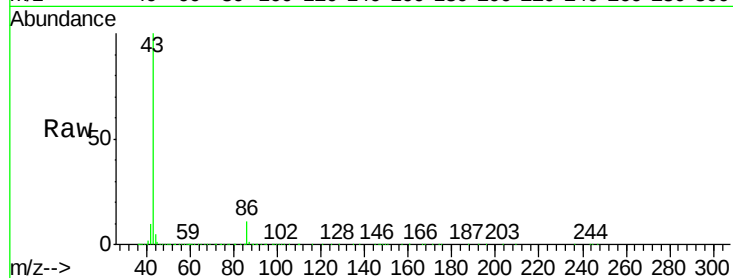
VX0205WBSD01

Tot Ion: 43 Resp: 1007763

Ion Ratio Lower Upper

43 100

86 10.5 8.7 13.1



#24

1,1-Dichloroethane

Concen: 19.688 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

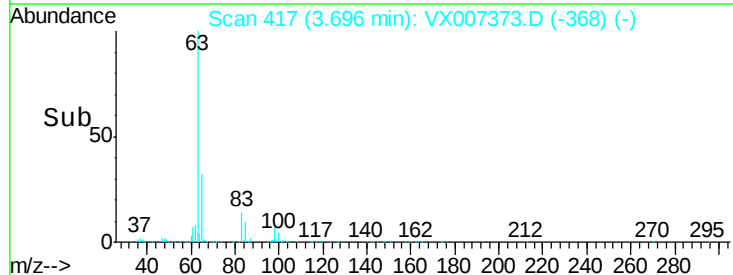
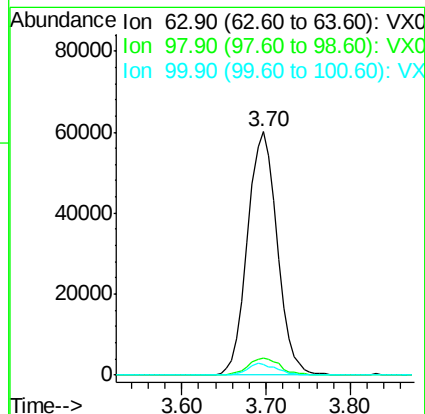
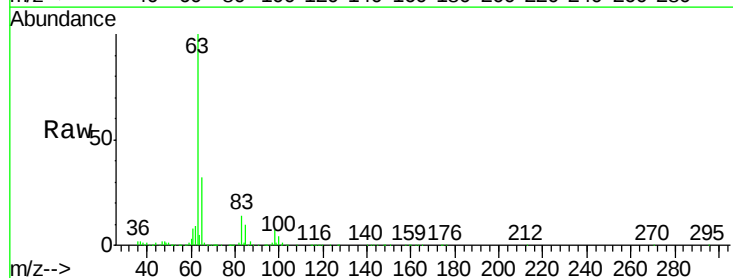
Tgt Ion: 63 Resp: 142732

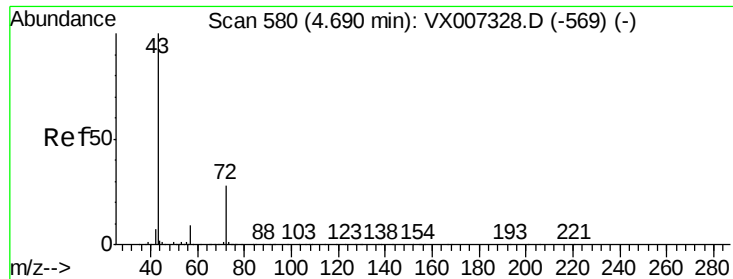
Ion Ratio Lower Upper

63 100

98 6.8 3.6 10.8

100 4.3 2.5 7.4





#25

2-Butanone

Concen: 101.966 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

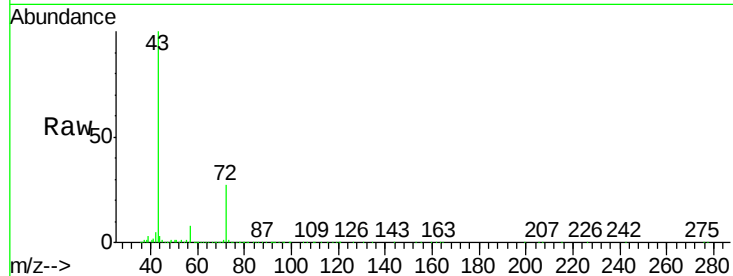
VX0205WBSD01

Tot Ion: 43 Resp: 311249

Ion Ratio Lower Upper

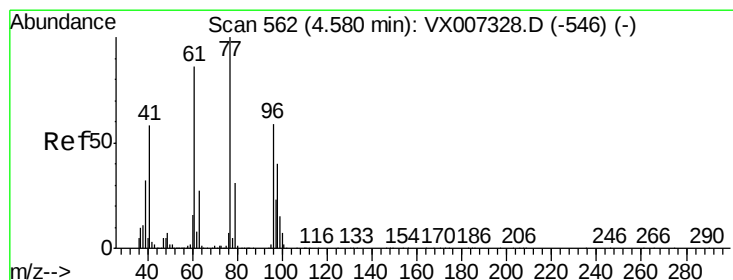
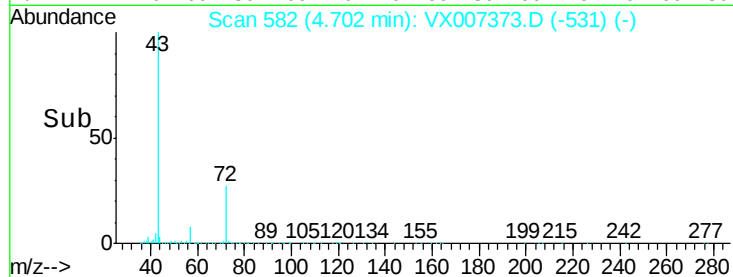
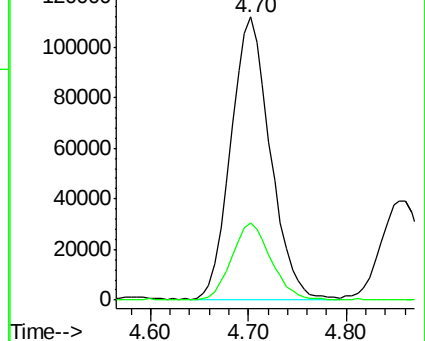
43 100

72 27.4 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 17.756 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX007373.D

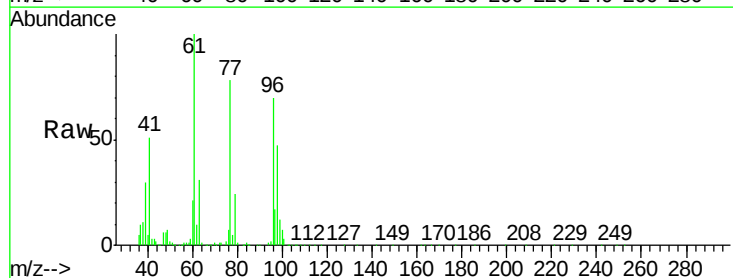
Acq: 05 Feb 2019 13:38

Tgt Ion: 77 Resp: 98035

Ion Ratio Lower Upper

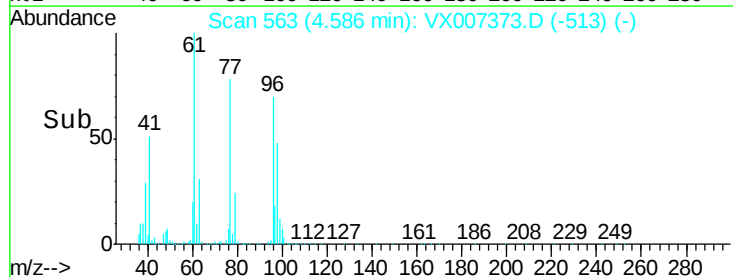
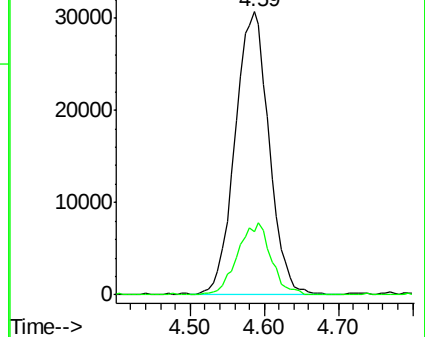
77 100

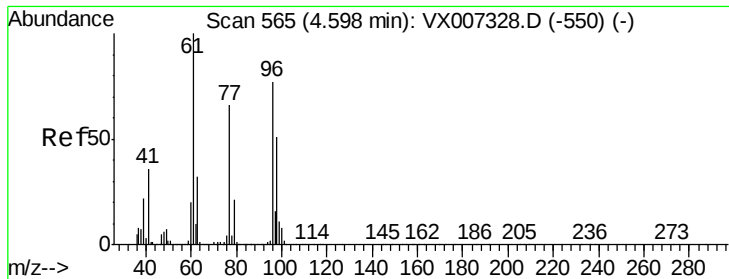
97 25.0 12.1 36.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



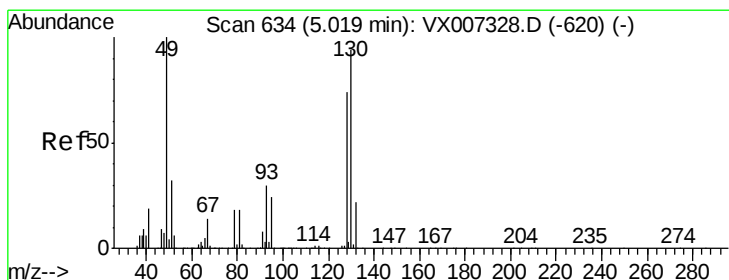
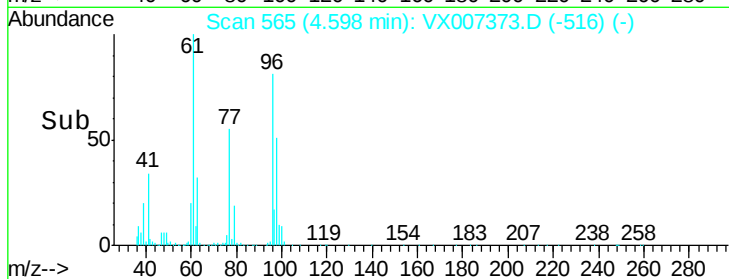
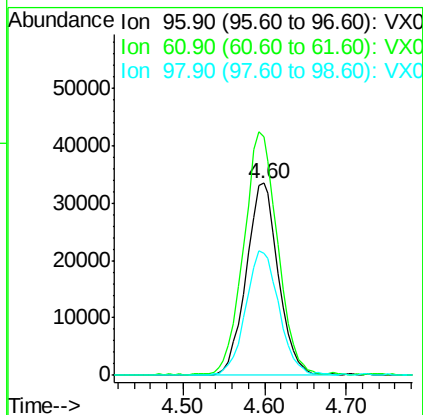
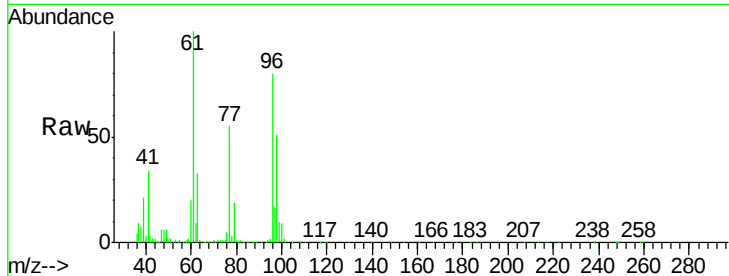


#27

cis-1,2-Dichloroethene
 Concen: 18.831 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX007373.D
 Acq: 05 Feb 2019 13:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0205WBSD01

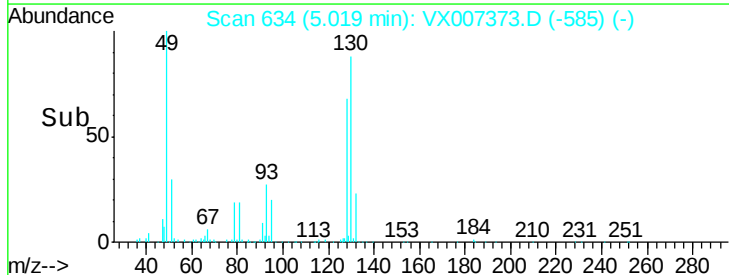
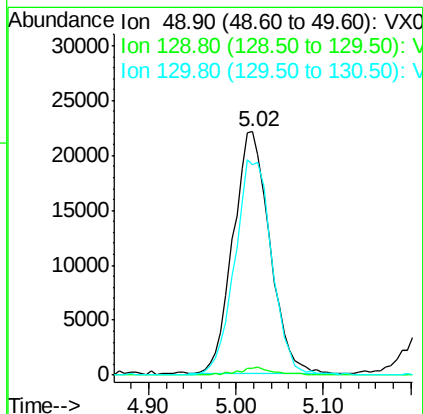
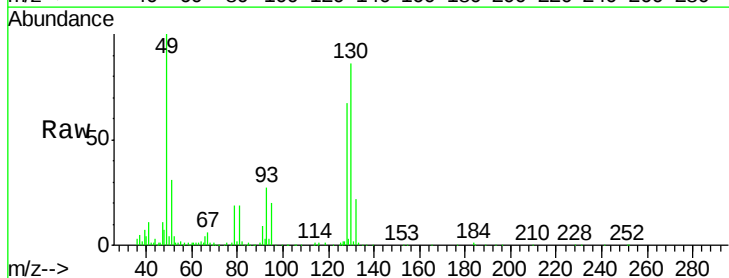
Tot Ion	Ratio	Lower	Upper
96	100		
61	132.1	0.0	265.6
98	67.0	0.0	131.6

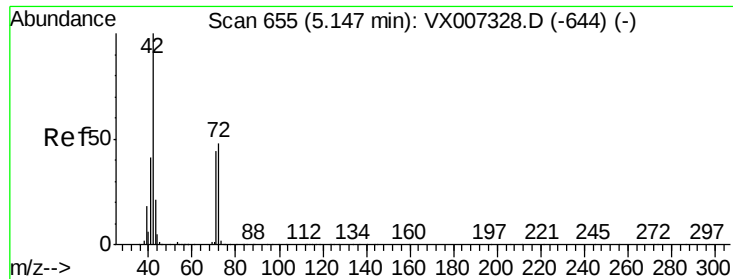


#28

Bromochloromethane
 Concen: 19.427 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX007373.D
 Acq: 05 Feb 2019 13:38

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	5.6
130	89.5	75.6	113.4





#29

Tetrahydrofuran

Concen: 107.189 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.01 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX0205WBSD01

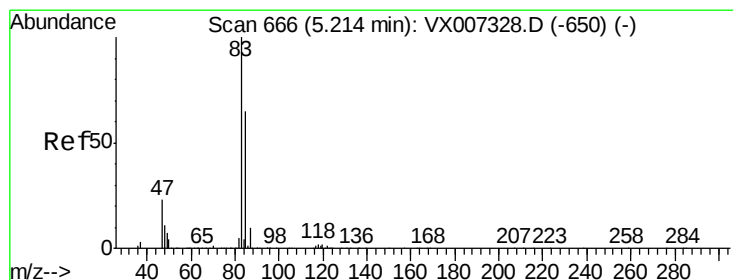
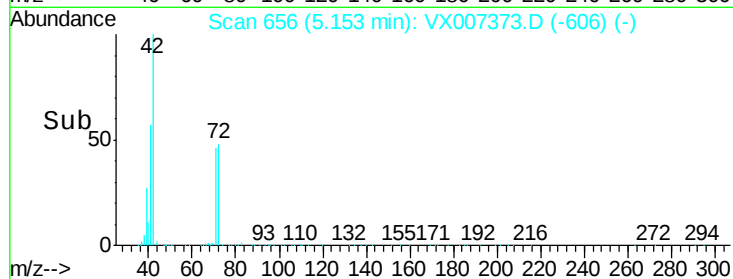
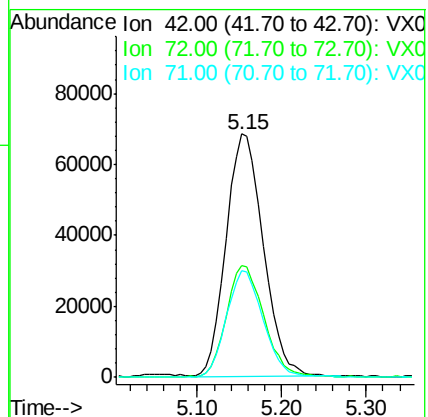
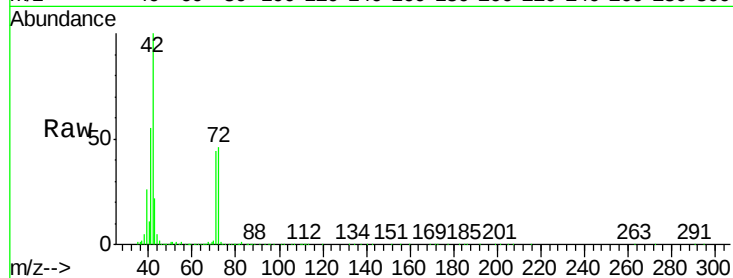
Tot Ion: 42 Resp: 205782

Ion Ratio Lower Upper

42 100

72 46.8 37.6 56.4

71 43.0 34.6 51.8



#30

Chloroform

Concen: 19.631 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX007373.D

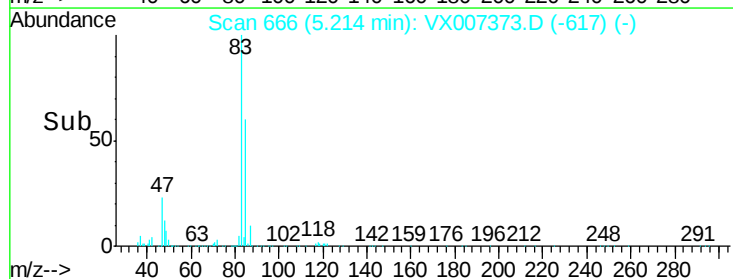
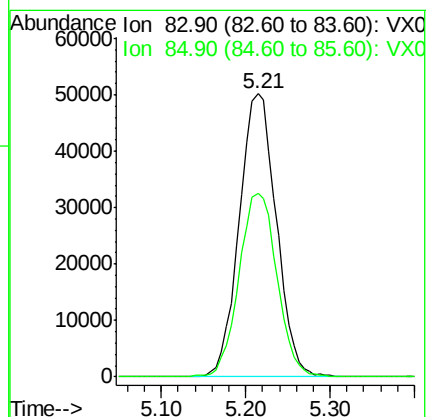
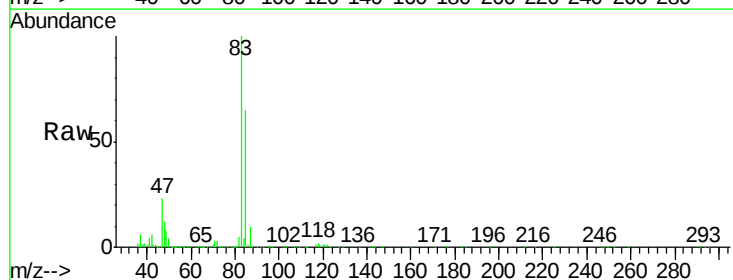
Acq: 05 Feb 2019 13:38

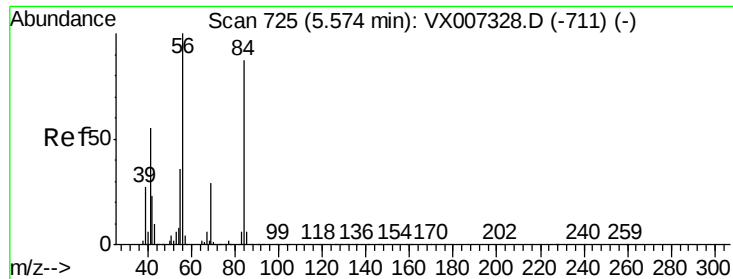
Tgt Ion: 83 Resp: 148511

Ion Ratio Lower Upper

83 100

85 65.0 51.6 77.4

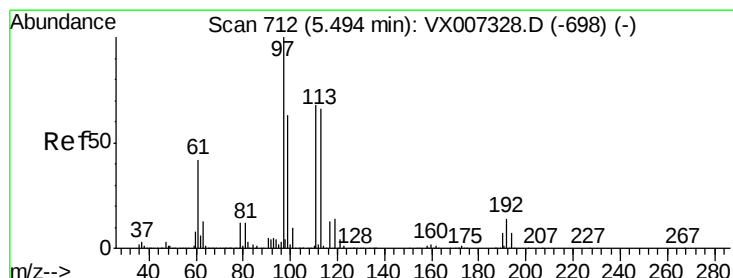
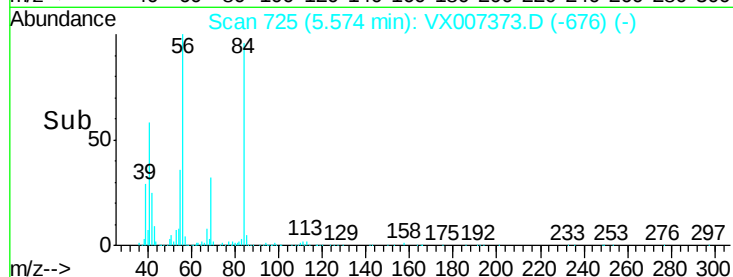
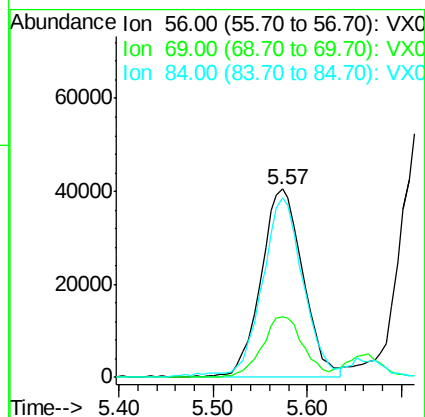
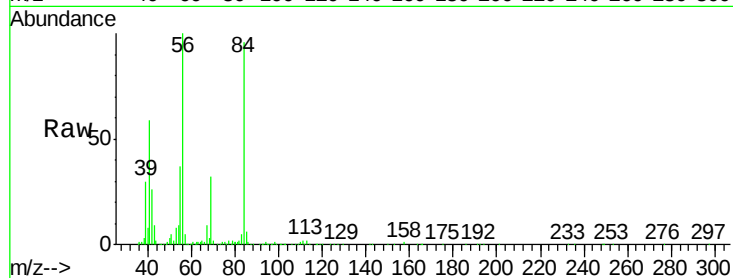




#31
Cyclohexane
Concen: 19.181 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX007373.D
Acq: 05 Feb 2019 13:38

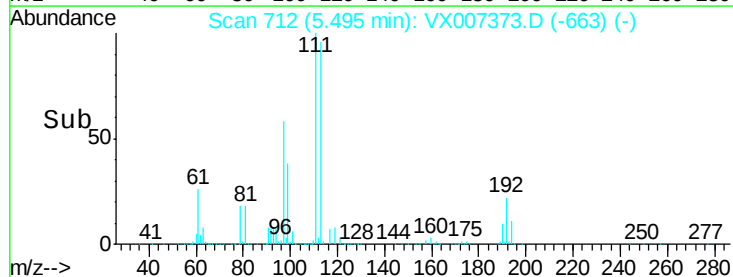
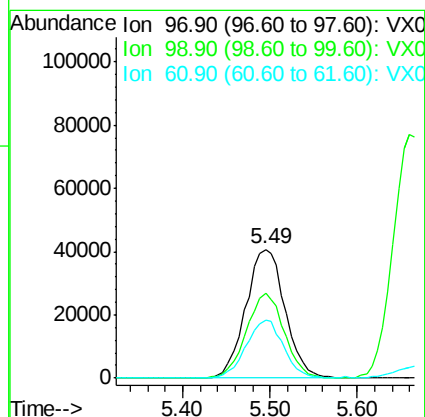
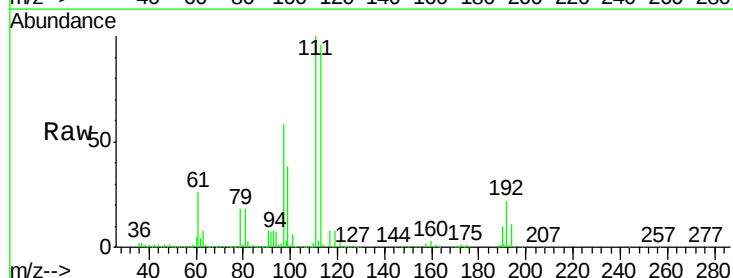
Instrument :
MSVOA_X
ClientSampleId :
VX0205WBSD01

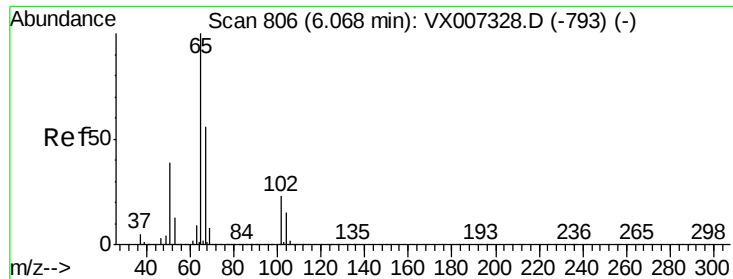
Tot Ion: 56 Resp: 124893
Ion Ratio Lower Upper
56 100
69 32.0 23.0 34.6
84 94.9 69.8 104.6



#32
1,1,1-Trichloroethane
Concen: 19.921 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX007373.D
Acq: 05 Feb 2019 13:38

Tgt Ion: 97 Resp: 127211
Ion Ratio Lower Upper
97 100
99 63.5 52.2 78.2
61 43.1 32.7 49.1

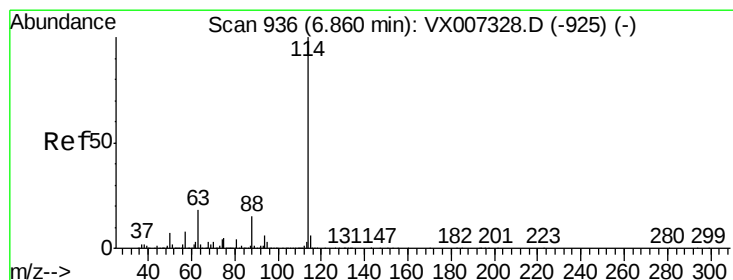
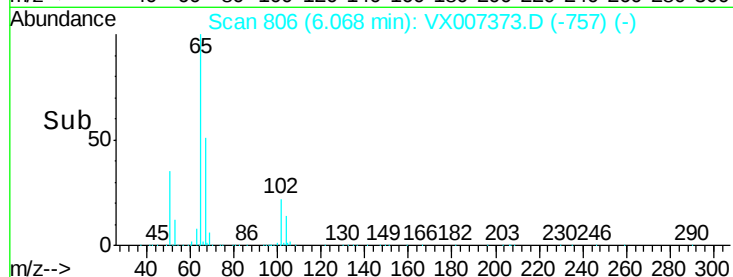
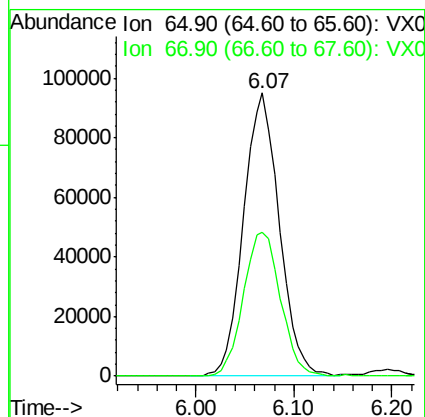
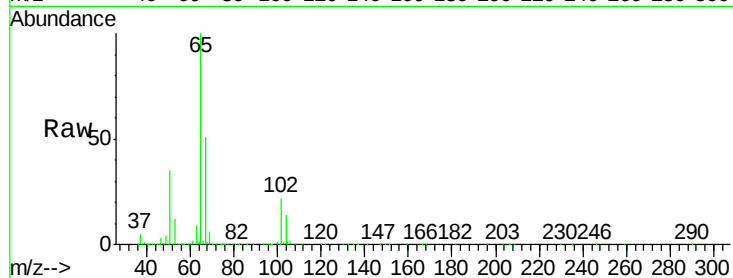




#33
 1,2-Dichloroethane-d4
 Concen: 51.279 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007373.D
 Acq: 05 Feb 2019 13:38

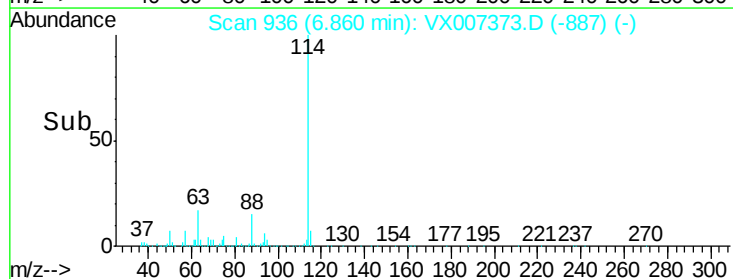
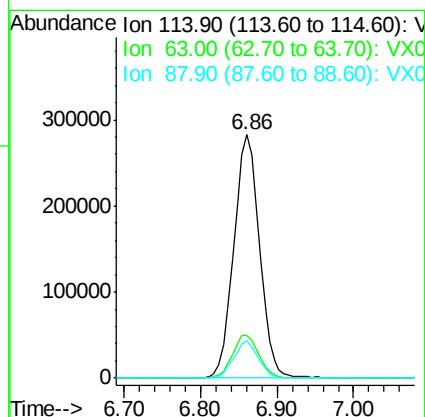
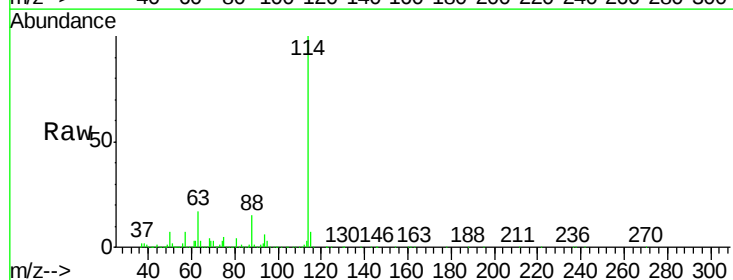
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0205WBSD01

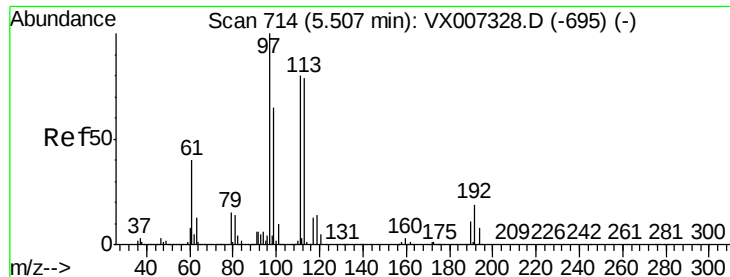
Tot Ion: 65 Resp: 240113
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007373.D
 Acq: 05 Feb 2019 13:38

Tgt Ion: 114 Resp: 658125
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 35.6
 88 15.3 0.0 29.6





#35

Dibromofluoromethane

Concen: 49.916 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX0205WBSD01

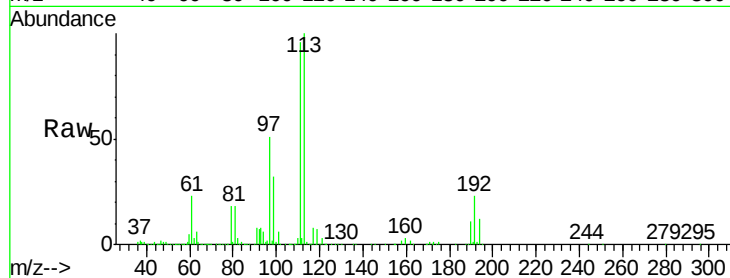
Tot Ion:113 Resp: 213751

Ion Ratio Lower Upper

113 100

111 101.9 81.8 122.8

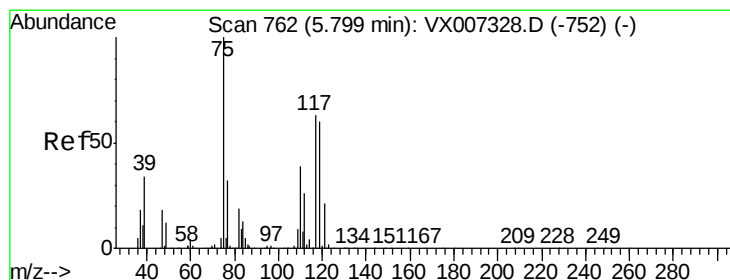
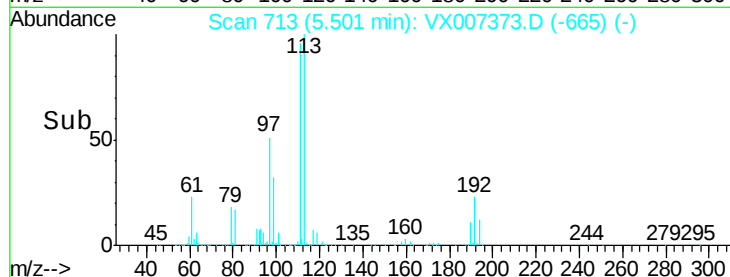
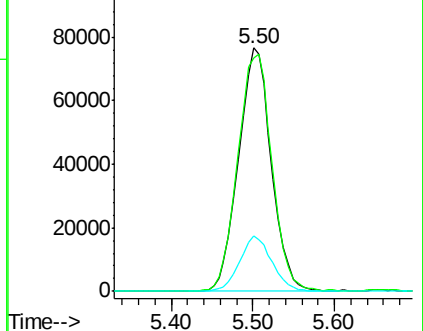
192 22.3 18.5 27.7



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: 18.465 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

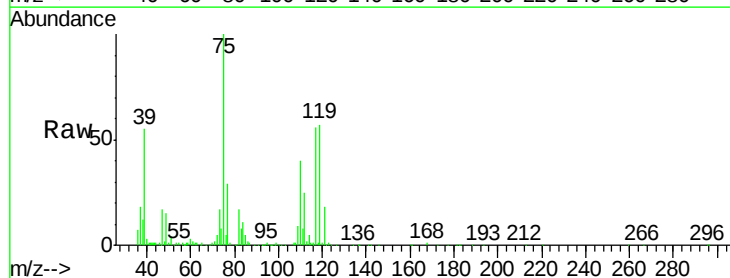
Tgt Ion: 75 Resp: 109036

Ion Ratio Lower Upper

75 100

110 40.1 20.0 59.9

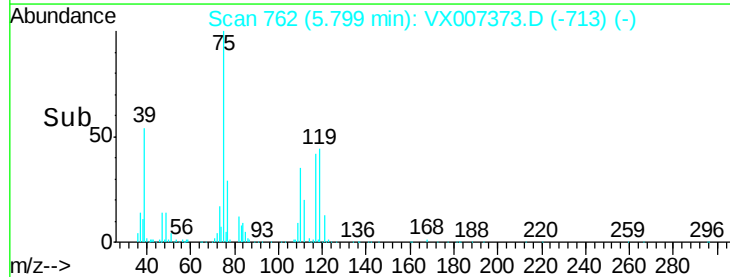
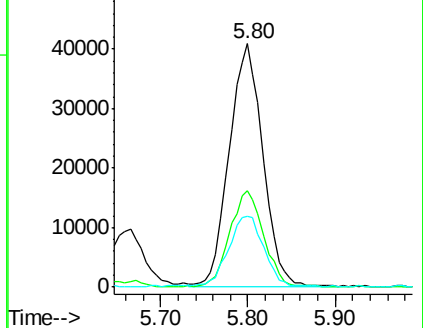
77 30.5 24.7 37.1

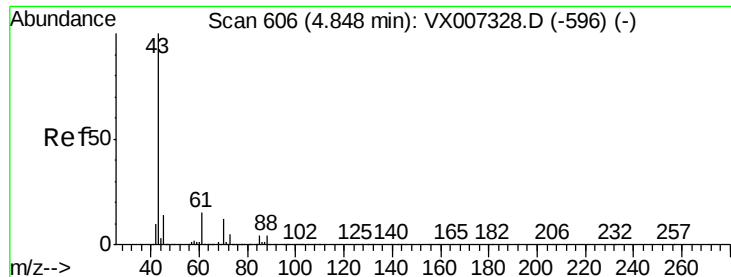


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

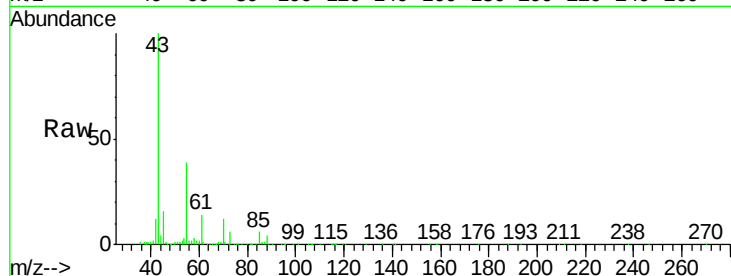




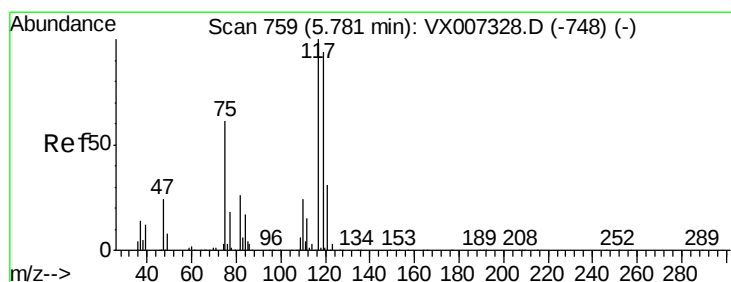
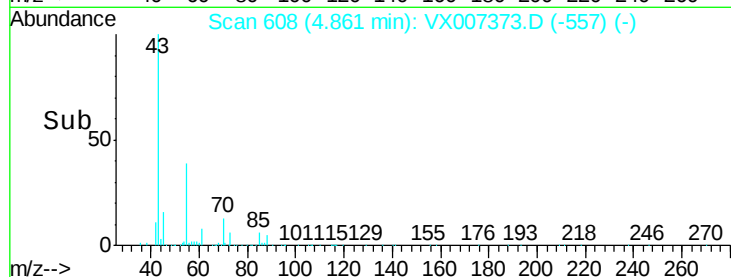
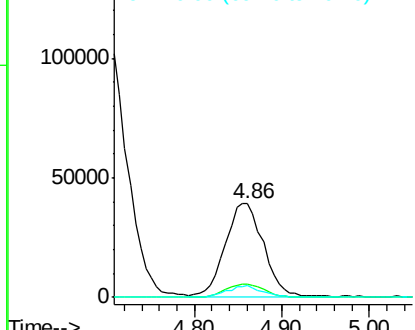
#37
Ethyl Acetate
Concen: 19.796 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX007373.D
Acq: 05 Feb 2019 13:38

Instrument :
MSVOA_X
ClientSampleID :
VX0205WBSD01

Tot Ion: 43 Resp: 118164
Ion Ratio Lower Upper
43 100
61 14.4 11.3 16.9
70 11.6 8.6 13.0

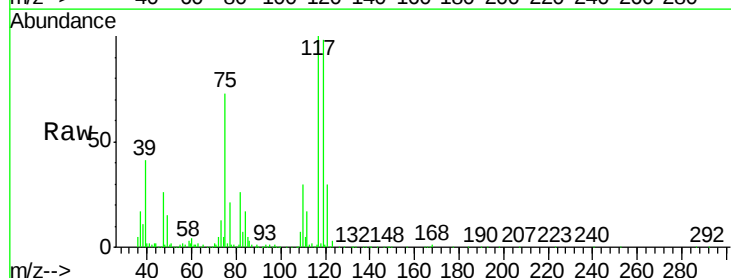


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

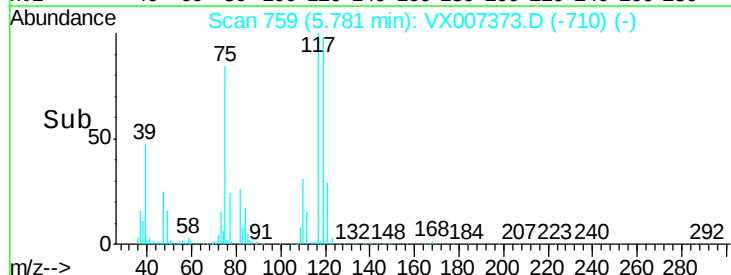
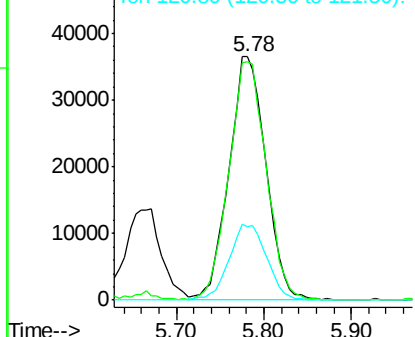


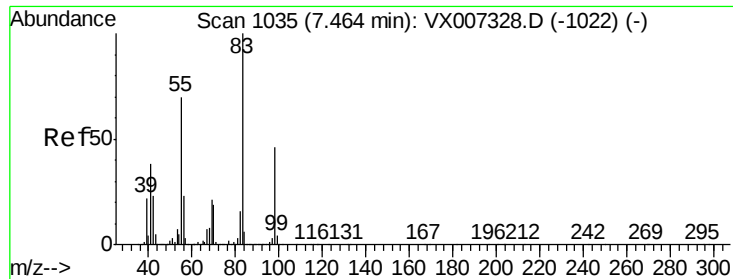
#38
Carbon Tetrachloride
Concen: 18.654 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX007373.D
Acq: 05 Feb 2019 13:38

Tgt Ion: 117 Resp: 106861
Ion Ratio Lower Upper
117 100
119 97.6 75.3 112.9
121 30.0 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

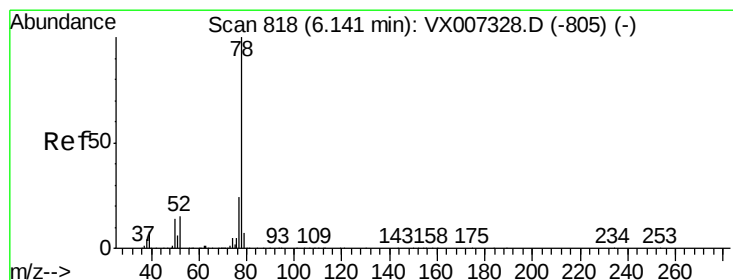
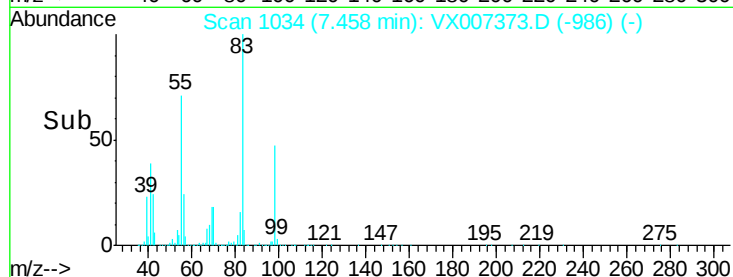
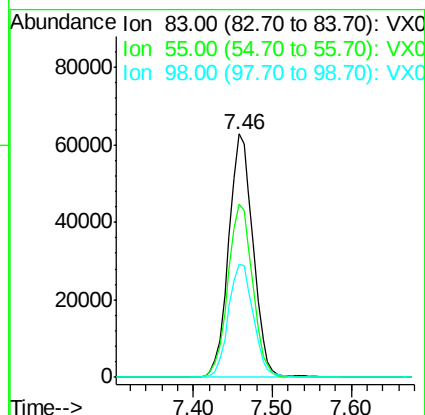
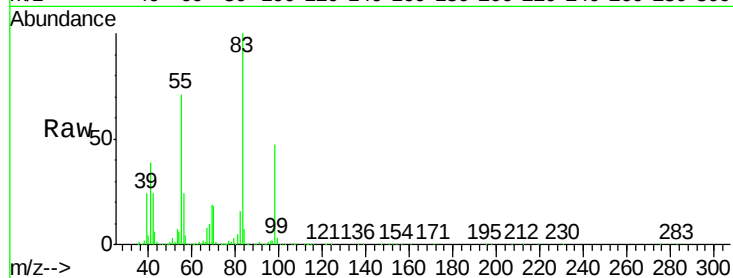




#39
Methvlcvclohexane
Concen: 18.925 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007373.D
Acq: 05 Feb 2019 13:38

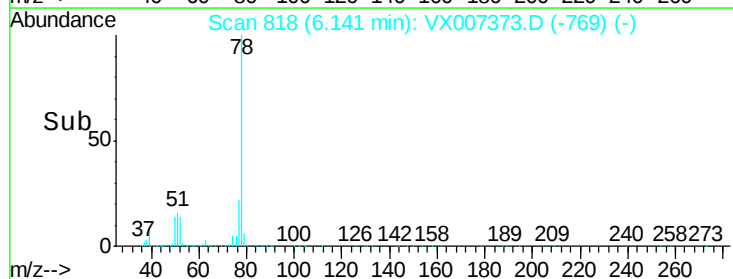
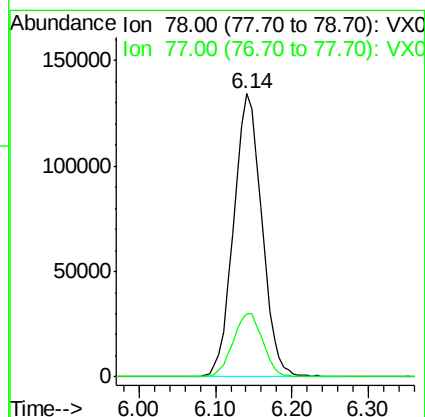
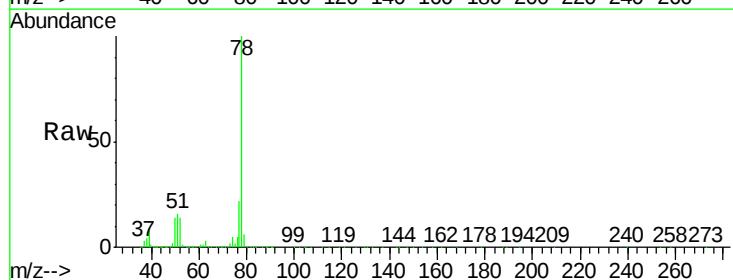
Instrument :
MSVOA_X
ClientSampleId :
VX0205WBSD01

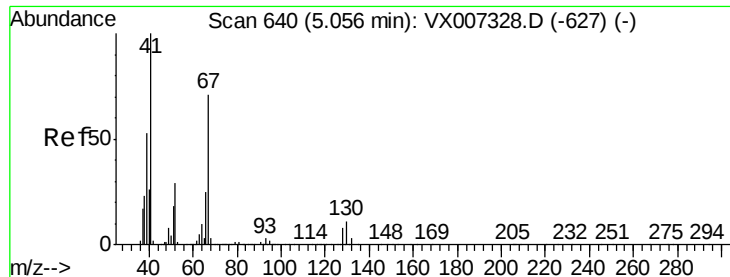
Tot Ion: 83 Resp: 135208
Ion Ratio Lower Upper
83 100
55 70.7 56.2 84.2
98 46.6 36.8 55.2



#40
Benzene
Concen: 19.802 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007373.D
Acq: 05 Feb 2019 13:38

Tgt Ion: 78 Resp: 344438
Ion Ratio Lower Upper
78 100
77 22.0 19.3 28.9





#41

Methacrylonitrile

Concen: 20.612 ug/l

RT: 5.06 min Scan# 640

Delta R.T. 0.00 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX0205WBSD01

Tot Ion: 41 Resp: 65942

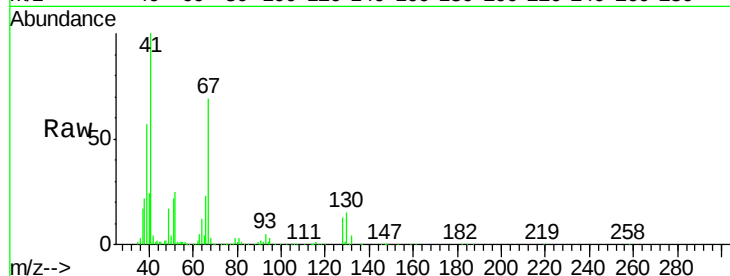
Ion Ratio Lower Upper

41 100

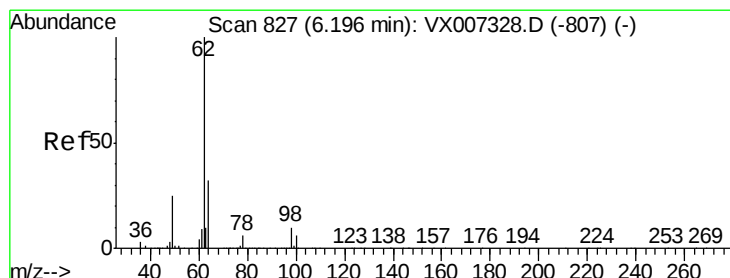
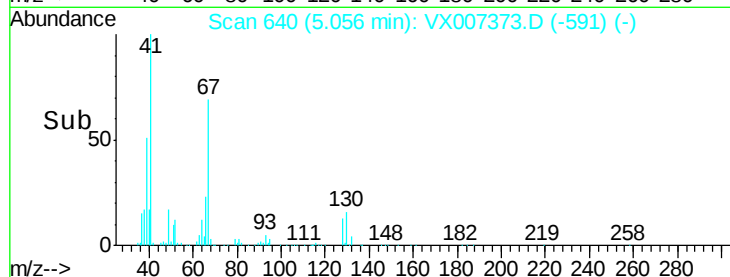
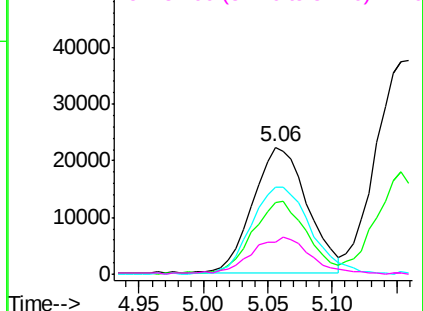
39 55.2 44.5 66.7

67 73.7 60.4 90.6

52 31.6 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: 19.213 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX007373.D

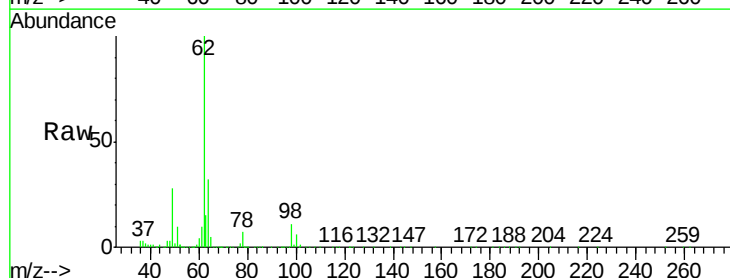
Acq: 05 Feb 2019 13:38

Tgt Ion: 62 Resp: 115632

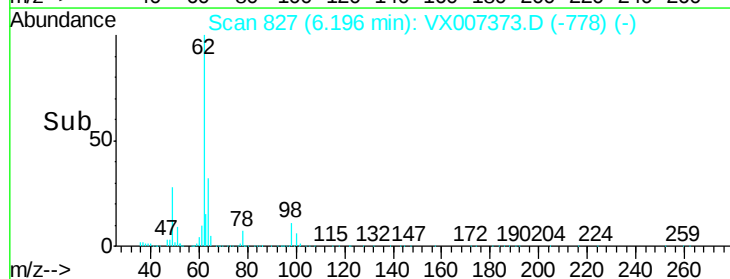
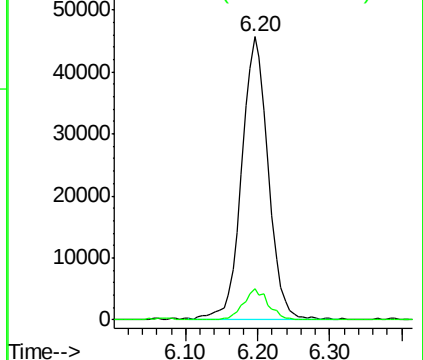
Ion Ratio Lower Upper

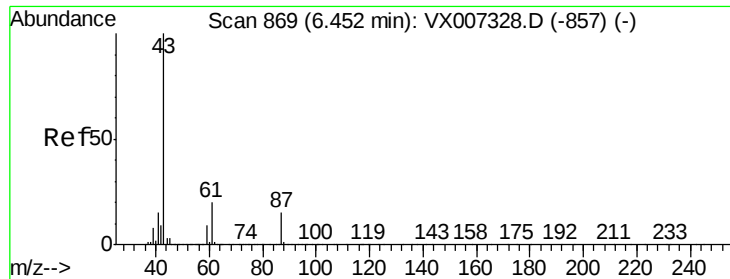
62 100

98 10.4 0.0 19.0



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



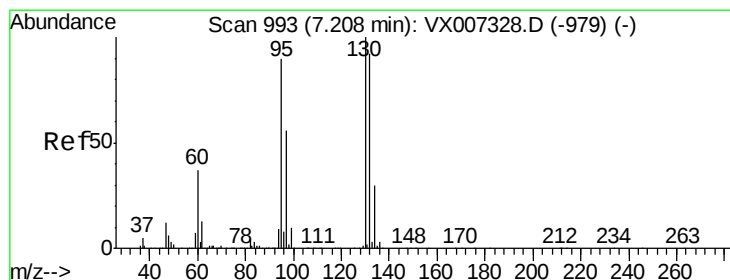
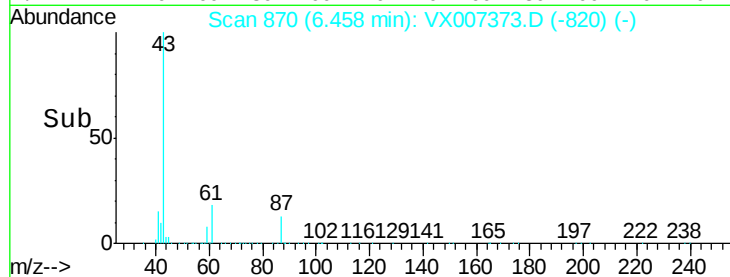
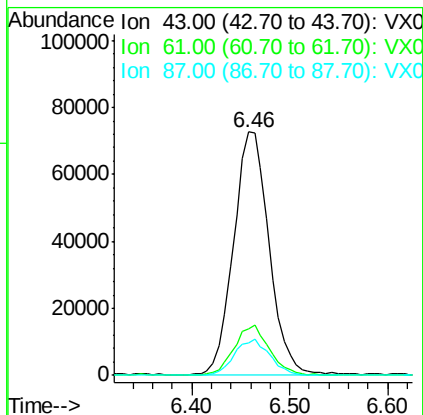
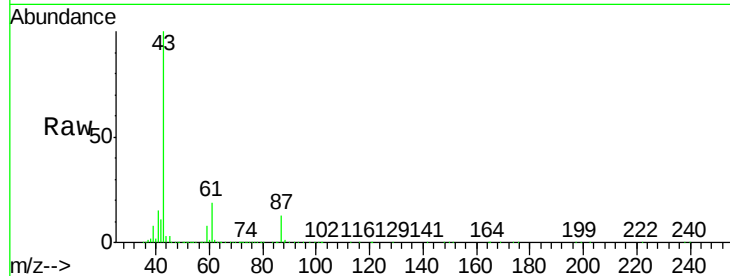


#43

Isopropyl Acetate
 Concen: 19.800 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.01 min
 Lab File: VX007373.D
 Acq: 05 Feb 2019 13:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0205WBSD01

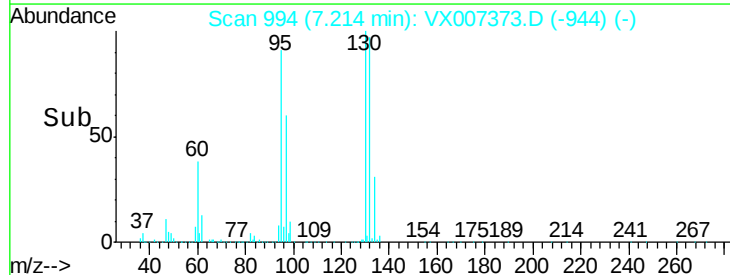
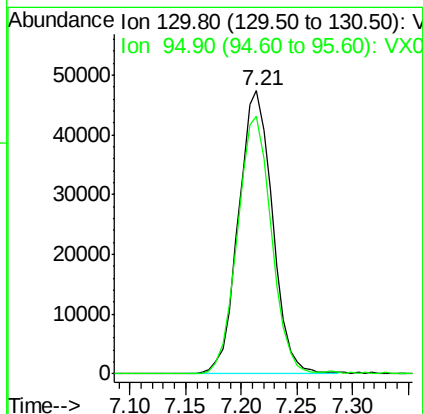
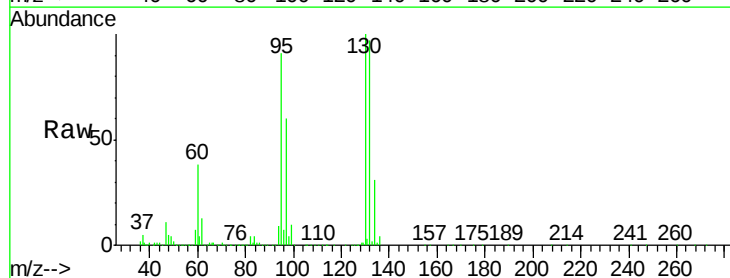
Tot Ion	43	Resp	182425
Ion Ratio	Lower	Upper	
43	100		
61	20.1	16.1	24.1
87	14.9	11.5	17.3

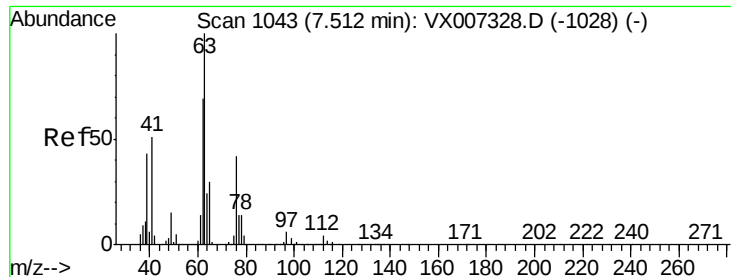


#44

Trichloroethene
 Concen: 19.198 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX007373.D
 Acq: 05 Feb 2019 13:38

Tgt Ion	130	Resp	100575
Ion Ratio	Lower	Upper	
130	100		
95	91.1	0.0	180.0





#45

1,2-Dichloropropane

Concen: 18.909 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

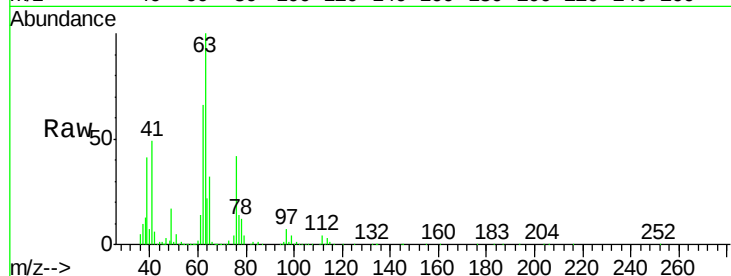
VX0205WBSD01

Tot Ion: 63 Resp: 82407

Ion Ratio Lower Upper

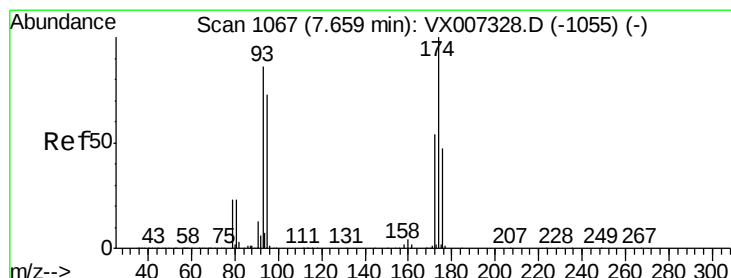
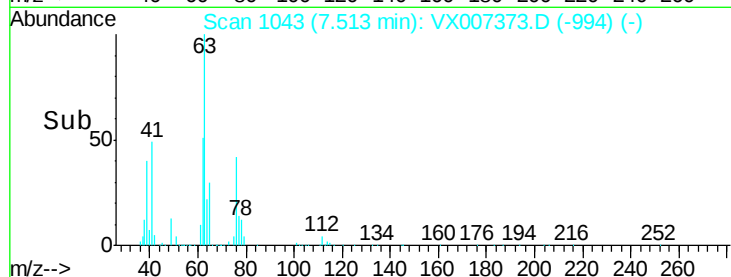
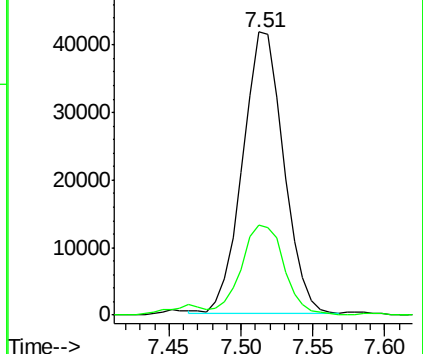
63 100

65 31.8 24.2 36.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 18.752 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

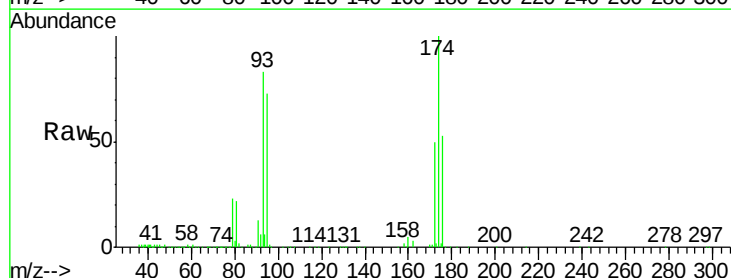
Tgt Ion: 93 Resp: 59397

Ion Ratio Lower Upper

93 100

95 87.5 67.6 101.4

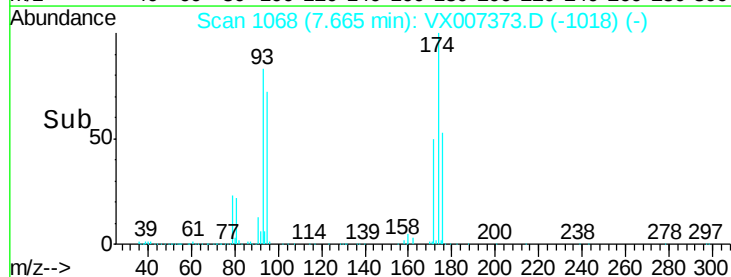
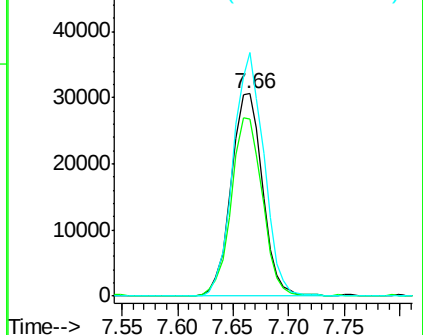
174 118.6 94.2 141.4

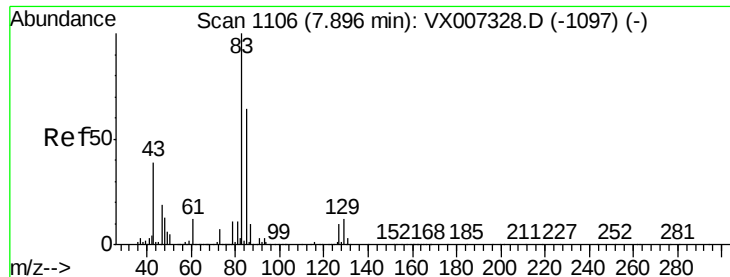


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.923 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX0205WBSD01

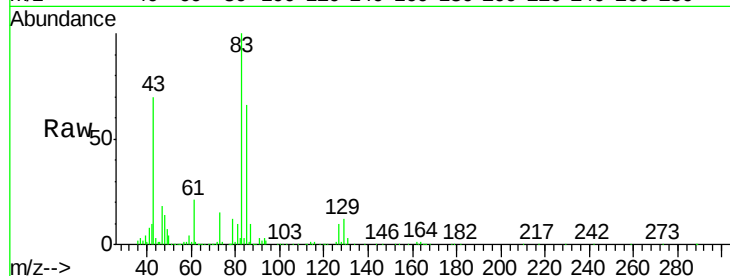
Tot Ion: 83 Resp: 101582

Ion Ratio Lower Upper

83 100

85 65.7 51.4 77.0

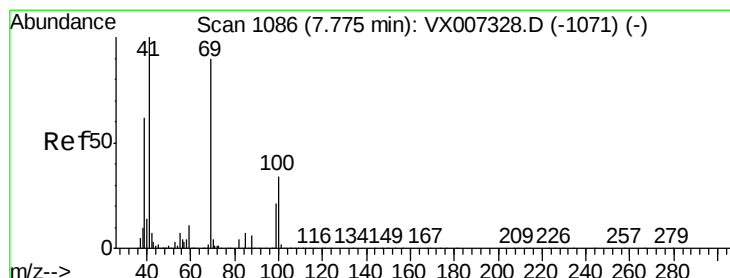
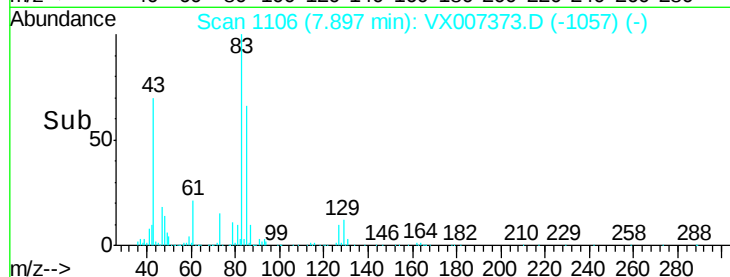
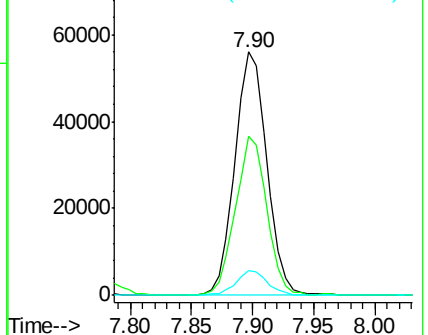
127 10.1 8.1 12.1



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: 20.555 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

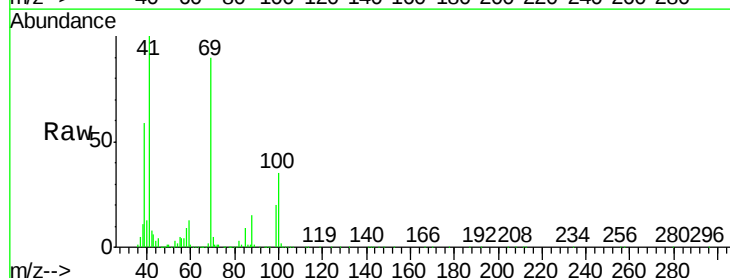
Tgt Ion: 41 Resp: 94729

Ion Ratio Lower Upper

41 100

69 88.6 70.2 105.4

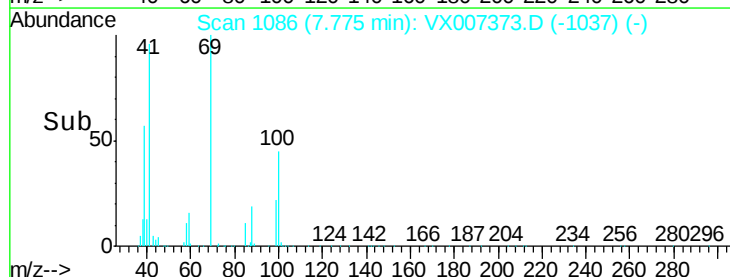
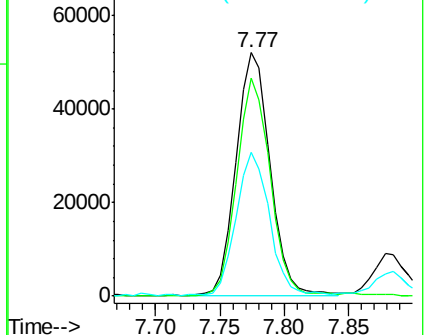
39 57.4 47.4 71.0

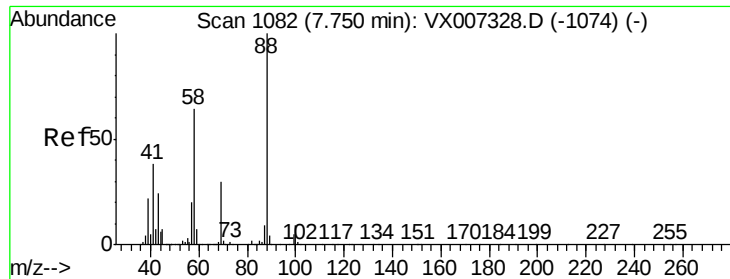


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

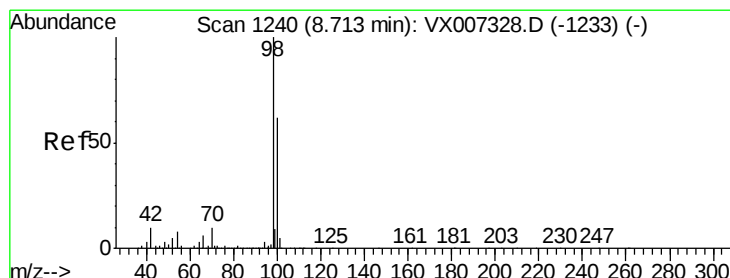
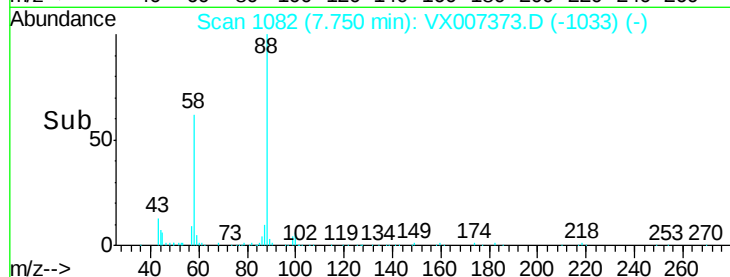
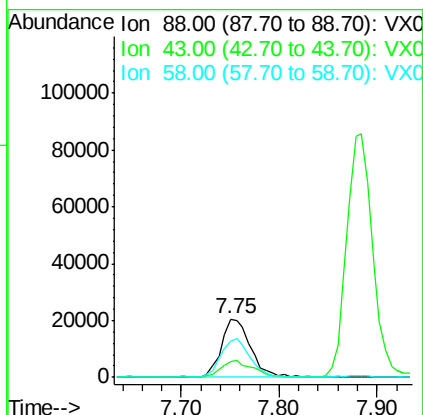
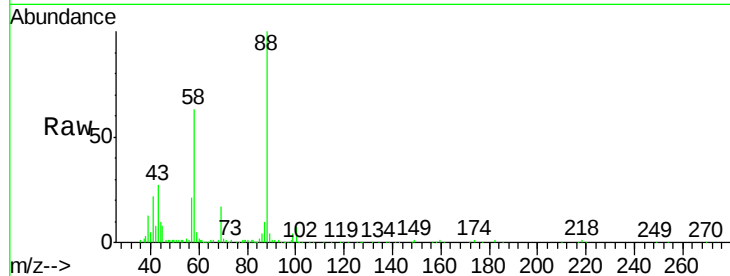




#49
 1,4-Dioxane
 Concen: 403.721 ug/l
 RT: 7.75 min Scan# 1082
 Delta R.T. 0.00 min
 Lab File: VX007373.D
 Acq: 05 Feb 2019 13:38

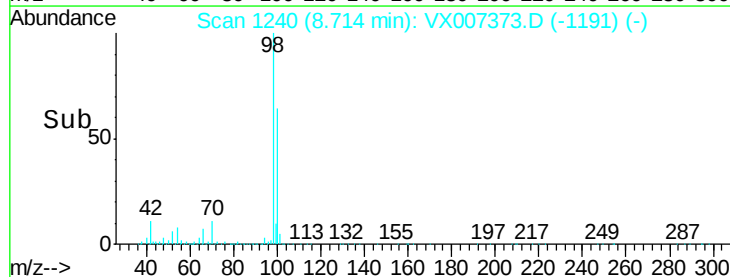
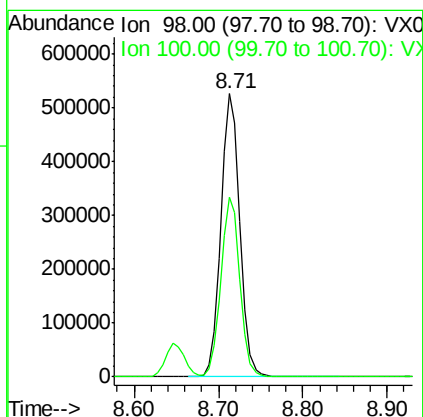
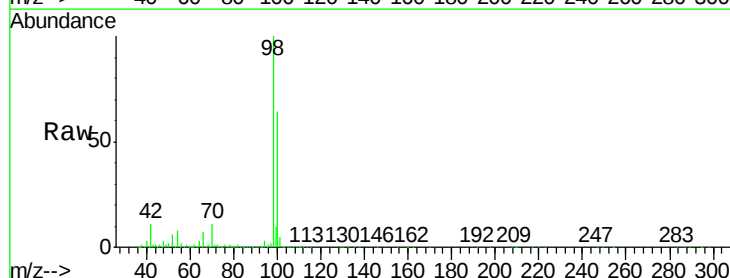
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0205WBSD01

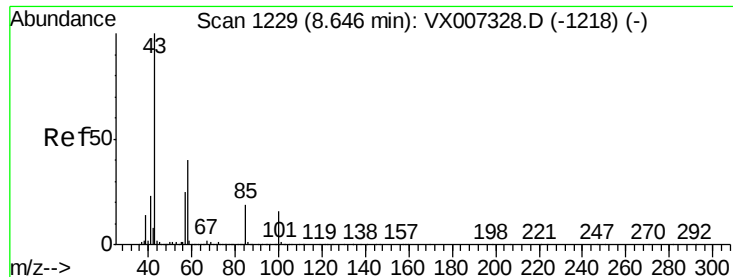
Tot Ion	88	Resp	41880
Ion	Ratio	Lower	Upper
88	100		
43	29.4	24.2	36.4
58	67.0	53.0	79.4



#50
 Toluene-d8
 Concen: 51.332 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX007373.D
 Acq: 05 Feb 2019 13:38

Tgt Ion	98	Resp	815537
Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 101.346 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

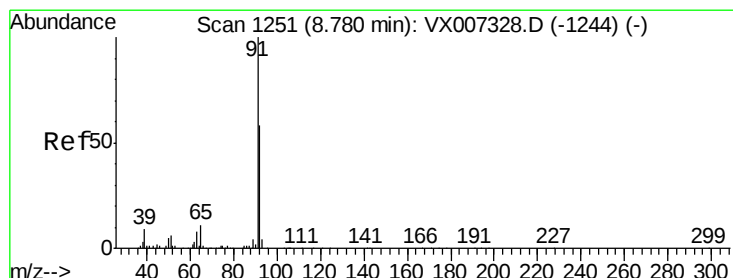
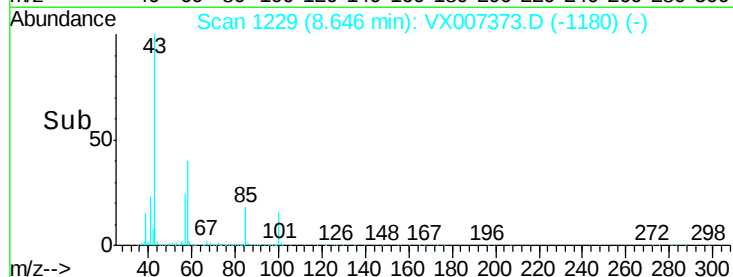
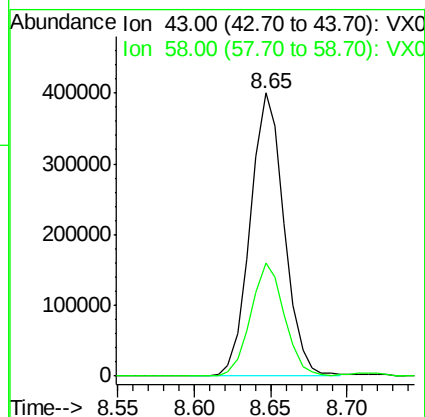
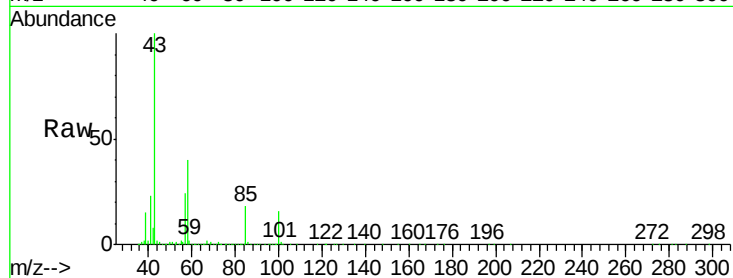
VX0205WBSD01

Tot Ion: 43 Resp: 614695

Ion Ratio Lower Upper

43 100

58 39.5 31.2 46.8



#52

Toluene

Concen: 19.720 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX007373.D

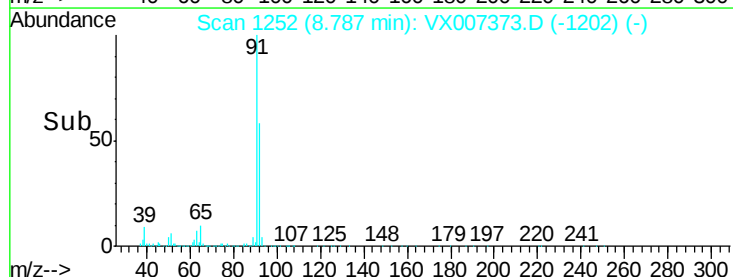
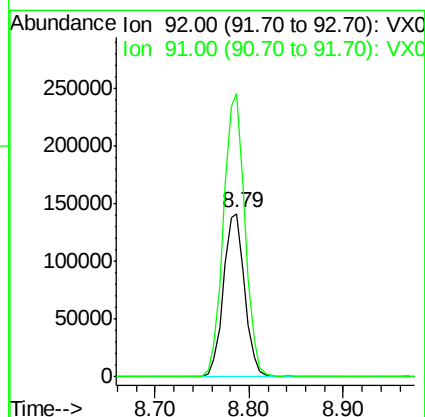
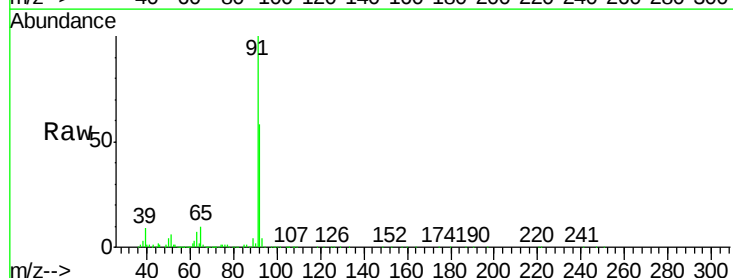
Acq: 05 Feb 2019 13:38

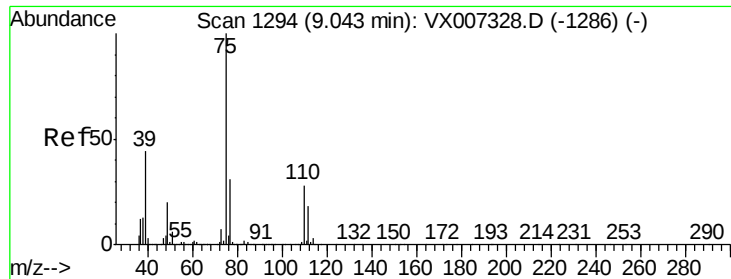
Tgt Ion: 92 Resp: 221312

Ion Ratio Lower Upper

92 100

91 174.9 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 18.901 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

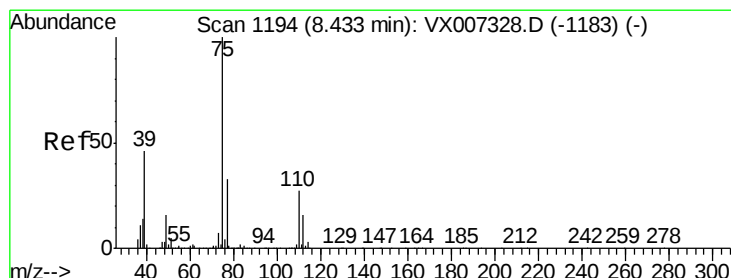
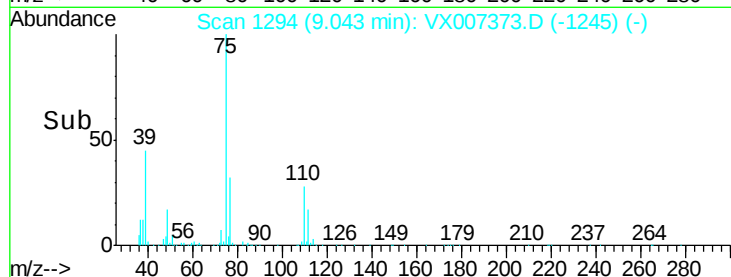
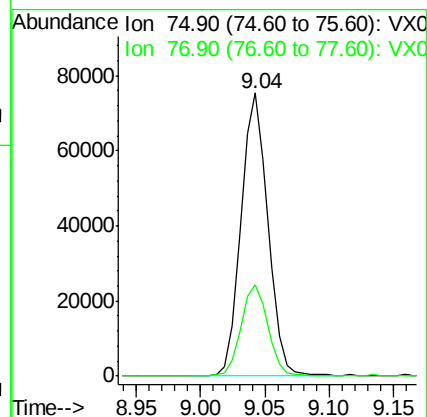
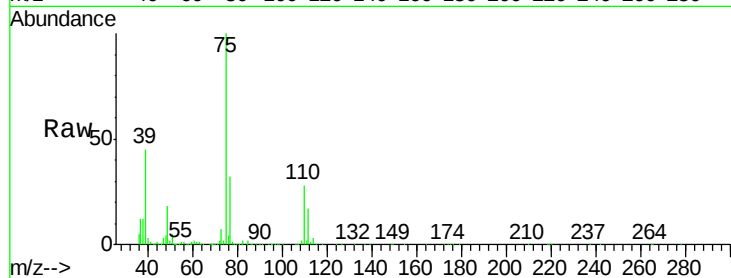
VX0205WBSD01

Tot Ion: 75 Resp: 108991

Ion Ratio Lower Upper

75 100

77 32.4 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 19.300 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

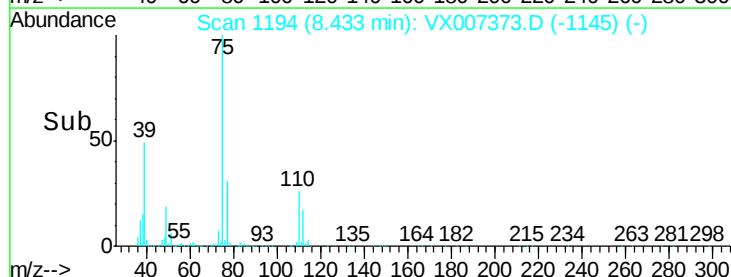
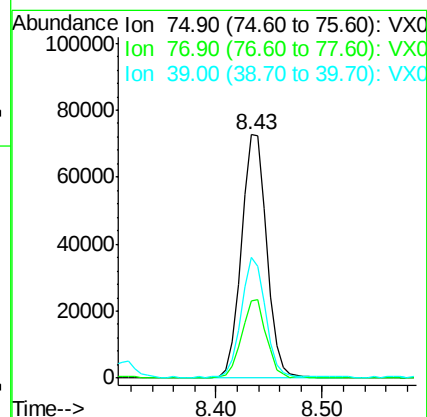
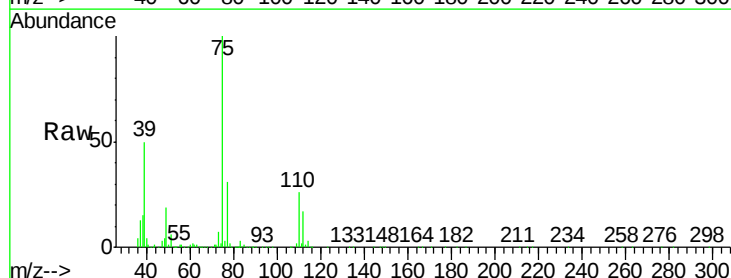
Tgt Ion: 75 Resp: 122384

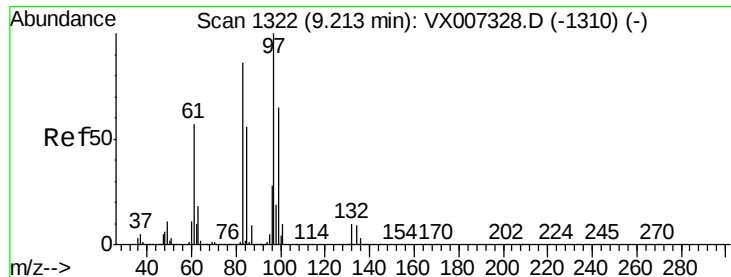
Ion Ratio Lower Upper

75 100

77 31.4 26.2 39.4

39 49.3 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 20.121 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX0205WBSD01

Tot Ion: 97 Resp: 94125

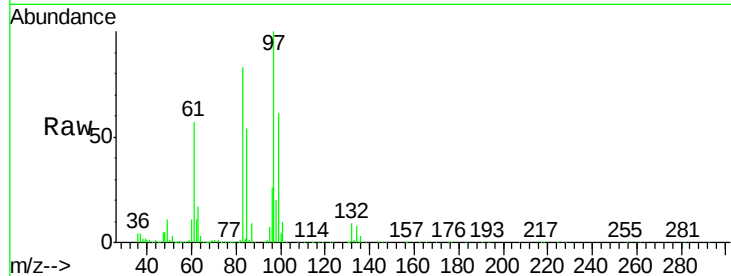
Ion Ratio Lower Upper

97 100

83 83.0 68.6 102.8

85 54.1 44.5 66.7

99 61.4 52.2 78.4

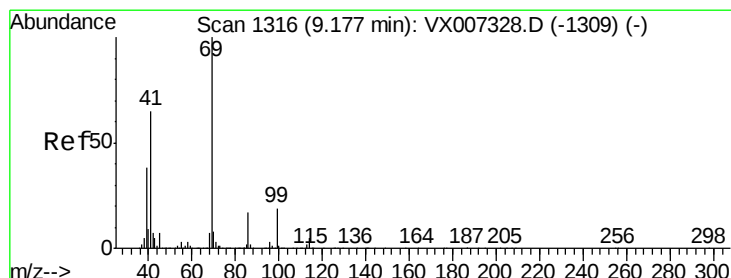
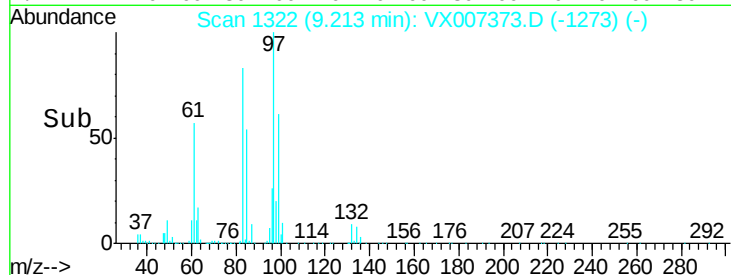
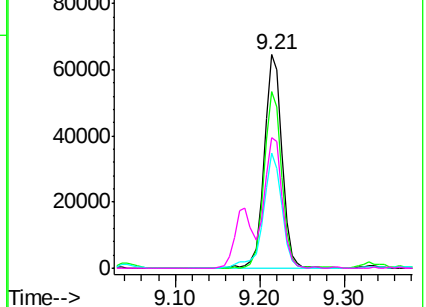


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.822 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.01 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

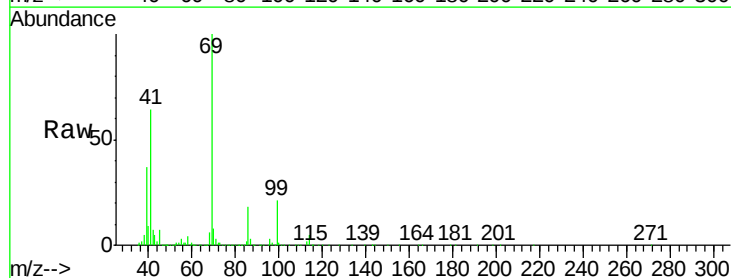
Tgt Ion: 69 Resp: 128431

Ion Ratio Lower Upper

69 100

41 65.5 52.1 78.1

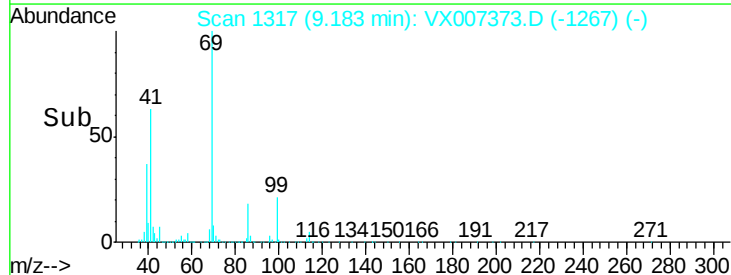
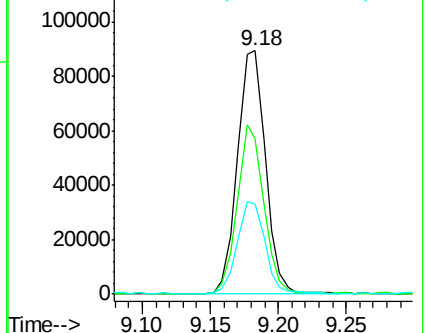
39 37.8 30.1 45.1

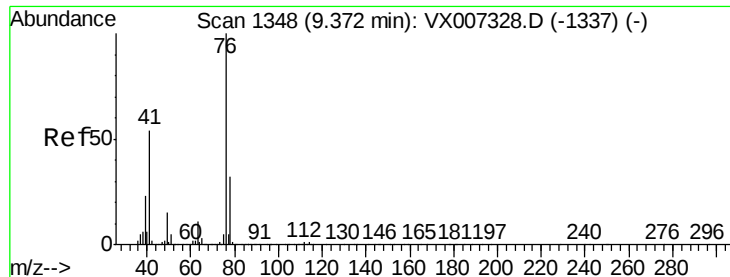


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.767 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

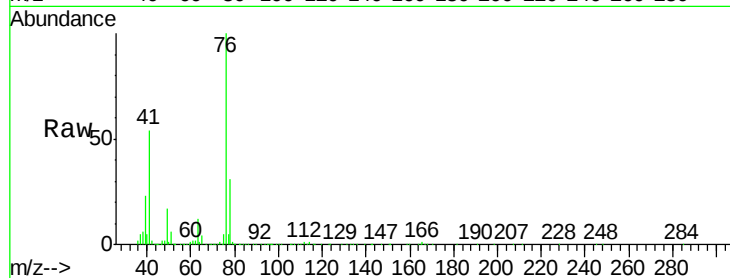
VX0205WBSD01

Tot Ion: 76 Resp: 147058

Ion Ratio Lower Upper

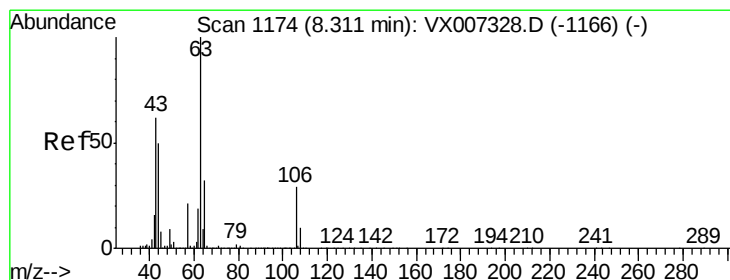
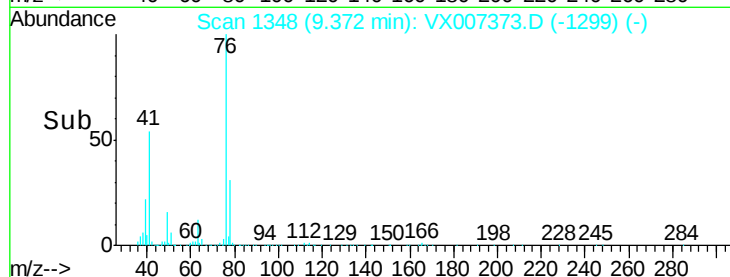
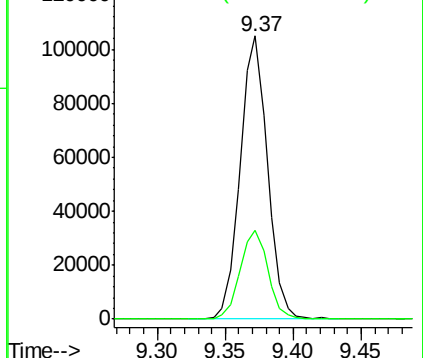
76 100

78 32.3 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 100.692 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007373.D

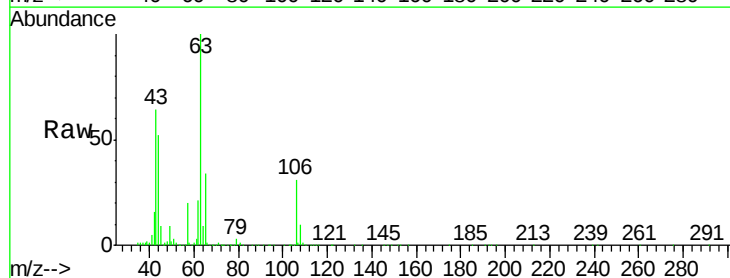
Acq: 05 Feb 2019 13:38

Tgt Ion: 63 Resp: 343869

Ion Ratio Lower Upper

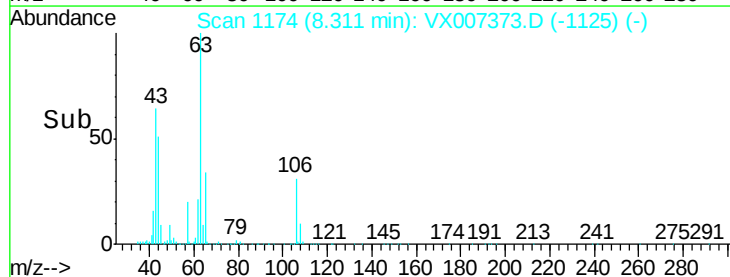
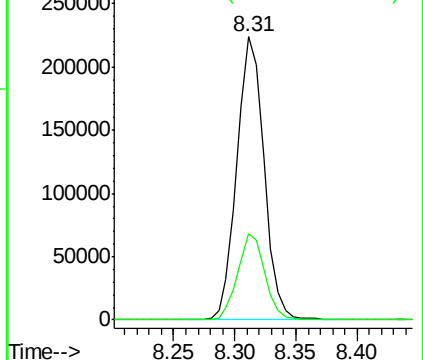
63 100

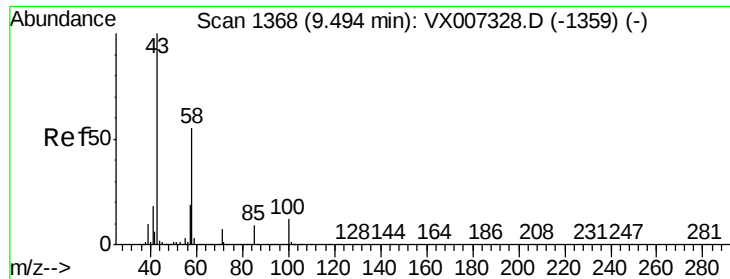
106 30.5 23.6 35.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

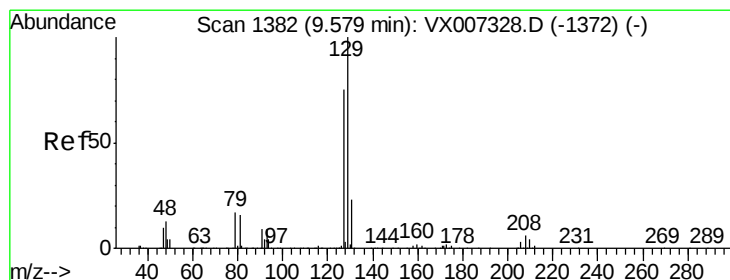
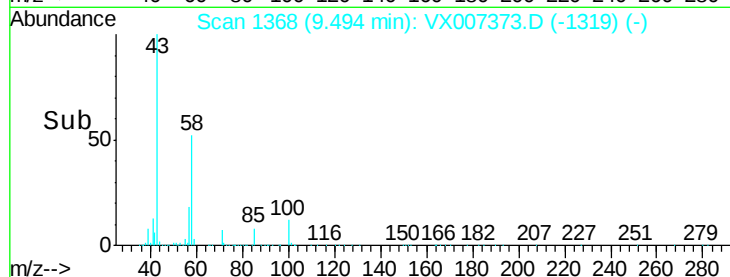
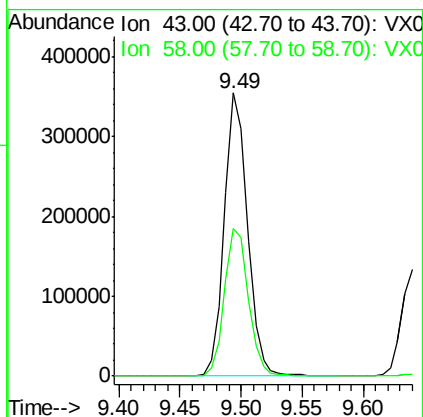
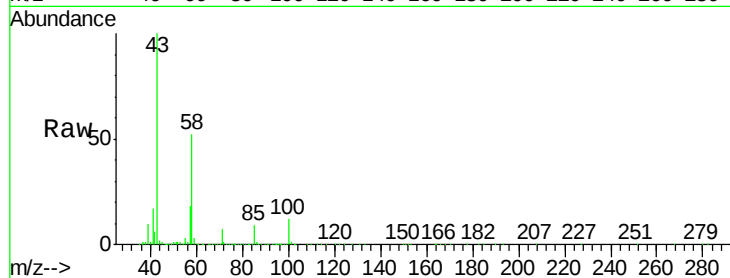




#59
2-Hexanone
Concen: 98.659 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007373.D
Acq: 05 Feb 2019 13:38

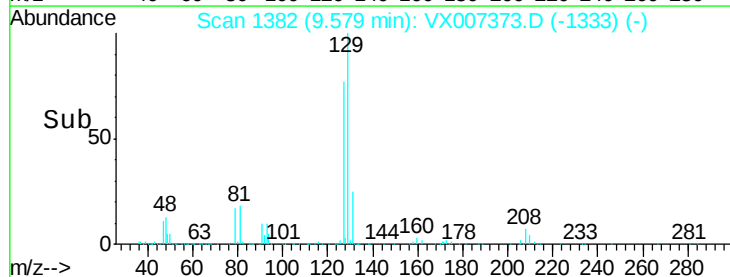
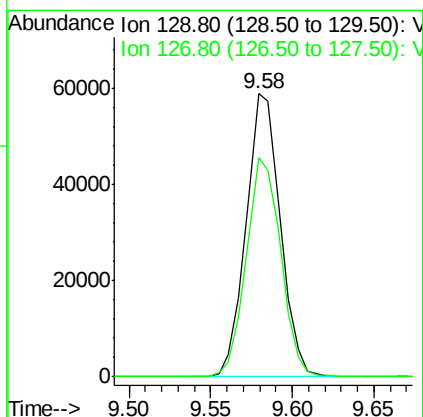
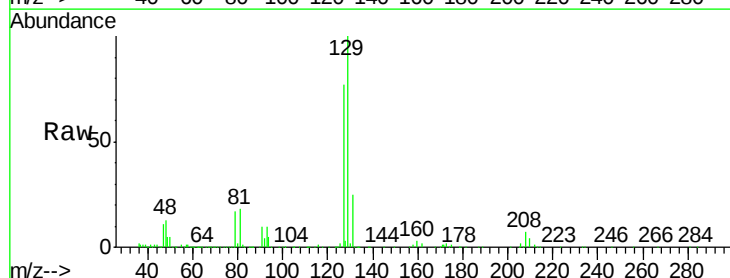
Instrument :
MSVOA_X
ClientSampleId :
VX0205WBSD01

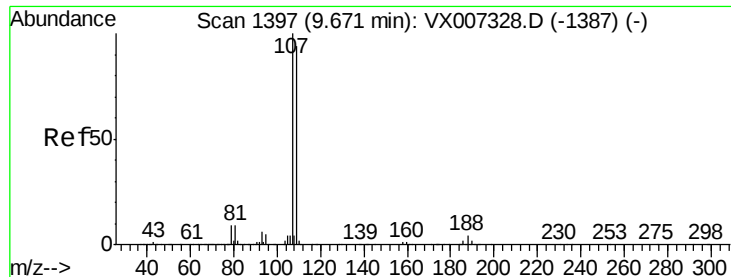
Tot Ion: 43 Resp: 465651
Ion Ratio Lower Upper
43 100
58 54.1 27.1 81.3



#60
Dibromochloromethane
Concen: 19.551 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX007373.D
Acq: 05 Feb 2019 13:38

Tgt Ion: 129 Resp: 86500
Ion Ratio Lower Upper
129 100
127 77.9 37.8 113.4





#61

1,2-Dibromoethane

Concen: 19.900 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

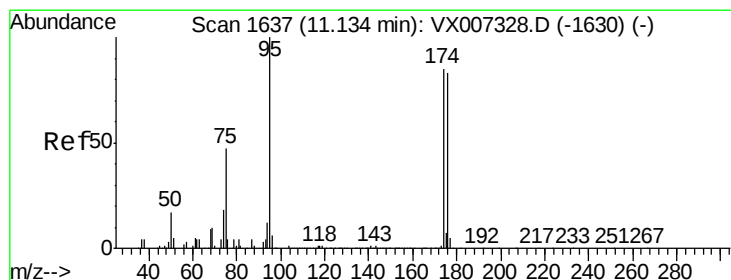
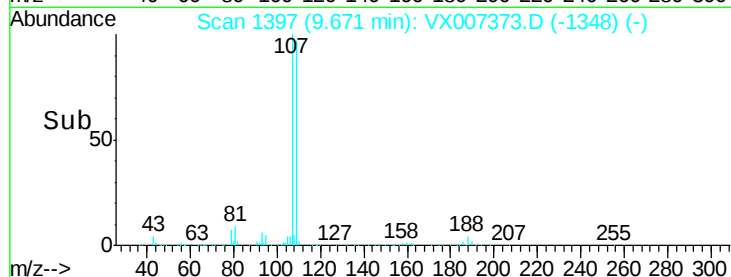
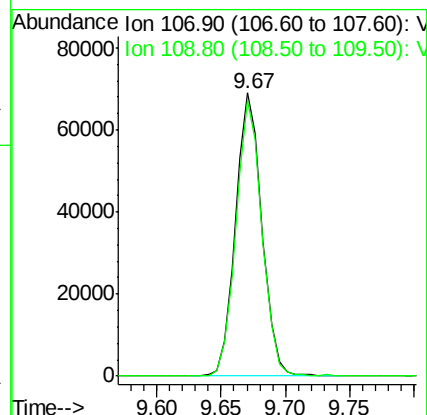
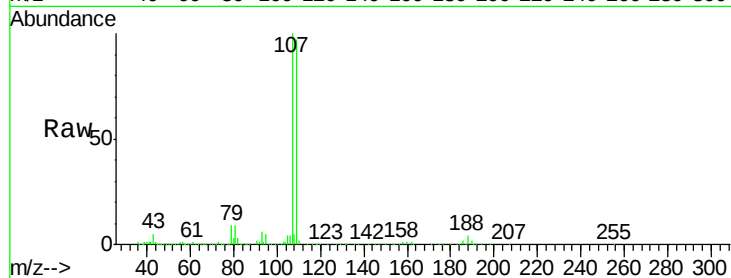
VX0205WBSD01

Tot Ion:107 Resp: 98587

Ion Ratio Lower Upper

107 100

109 95.5 75.1 112.7



#62

4-Bromofluorobenzene

Concen: 49.124 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

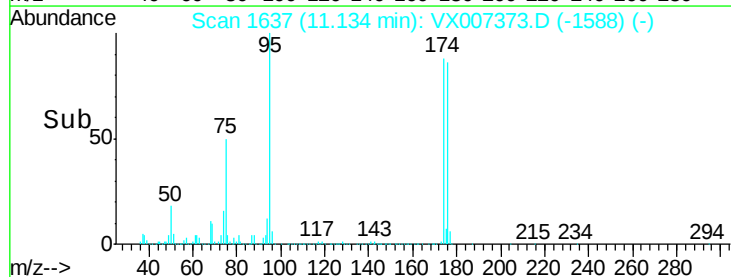
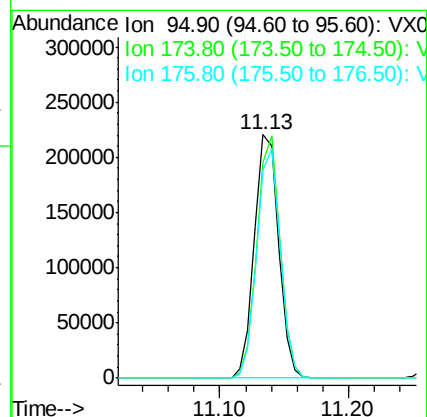
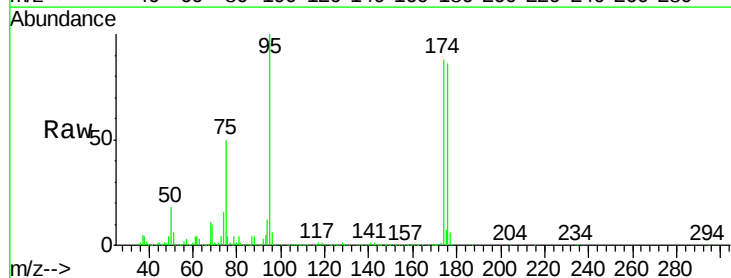
Tgt Ion: 95 Resp: 284949

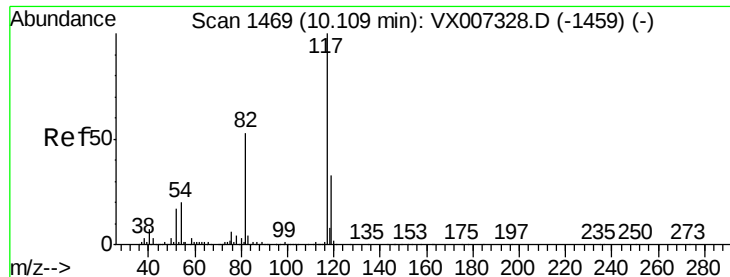
Ion Ratio Lower Upper

95 100

174 95.0 0.0 189.2

176 91.2 0.0 186.2

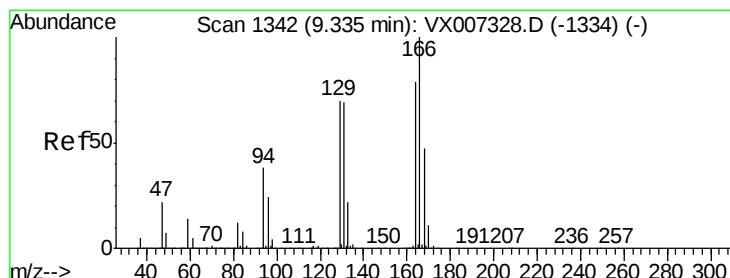
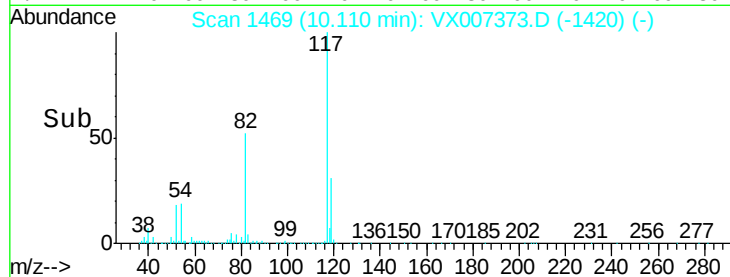
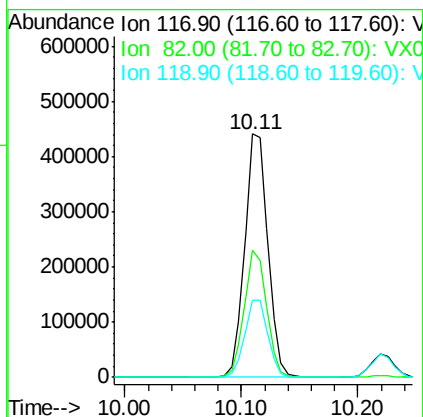
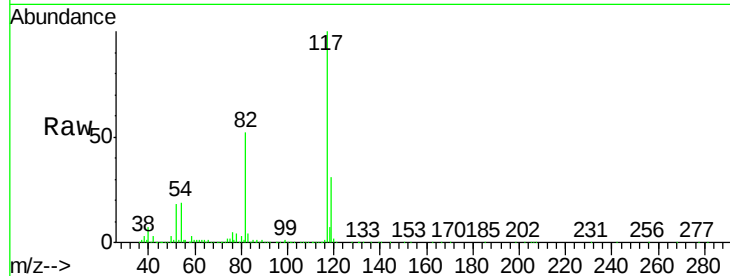




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007373.D
Acq: 05 Feb 2019 13:38

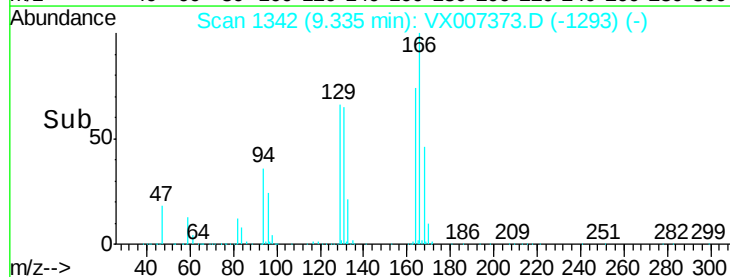
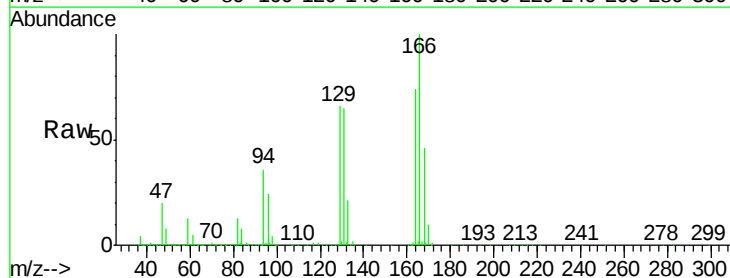
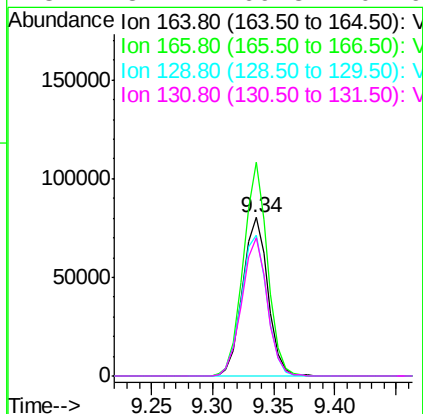
Instrument :
MSVOA_X
ClientSampleId :
VX0205WBSD01

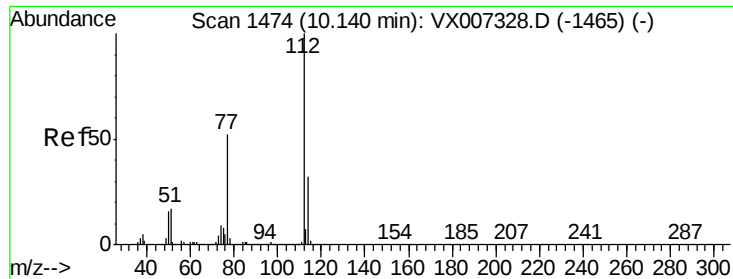
Tot Ion:117 Resp: 613637
Ion Ratio Lower Upper
117 100
82 52.3 42.1 63.1
119 31.5 26.5 39.7



#64
Tetrachloroethene
Concen: 19.955 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007373.D
Acq: 05 Feb 2019 13:38

Tgt Ion:164 Resp: 115414
Ion Ratio Lower Upper
164 100
166 135.0 101.0 151.4
129 89.0 70.5 105.7
131 87.7 69.8 104.6

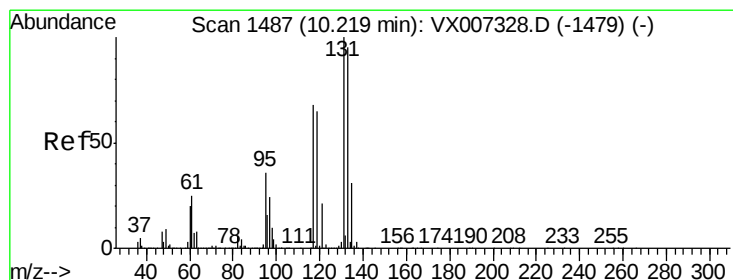
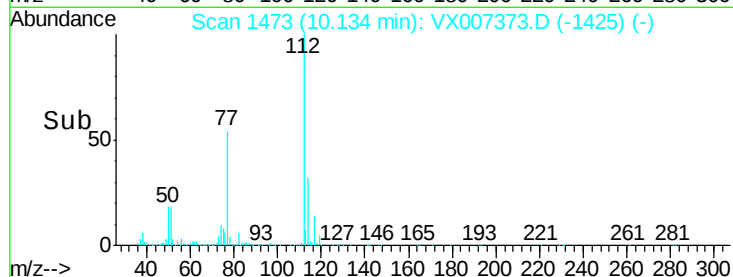
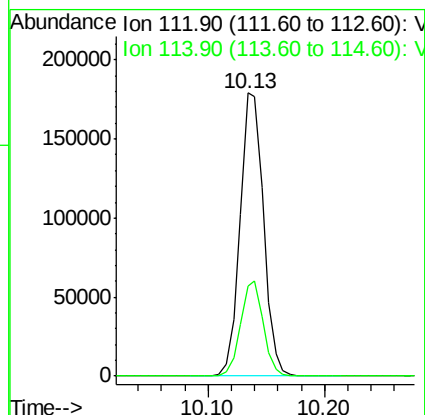
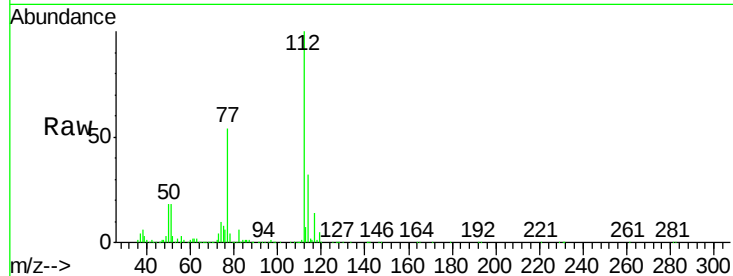




#65
Chlorobenzene
Concen: 18.897 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX007373.D
Acq: 05 Feb 2019 13:38

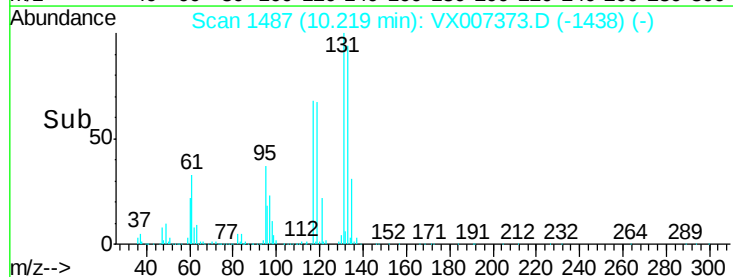
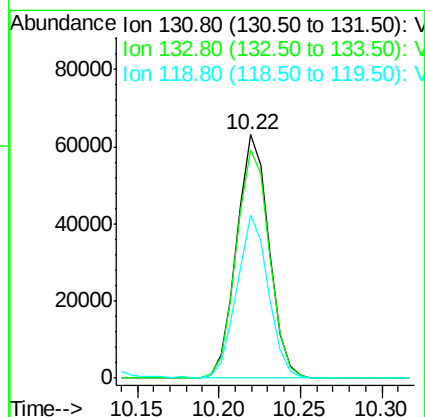
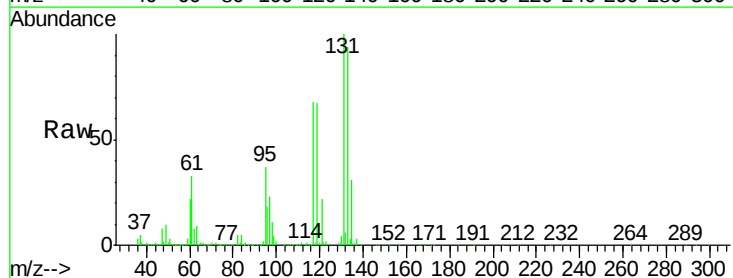
Instrument :
MSVOA_X
ClientSampleId :
VX0205WBSD01

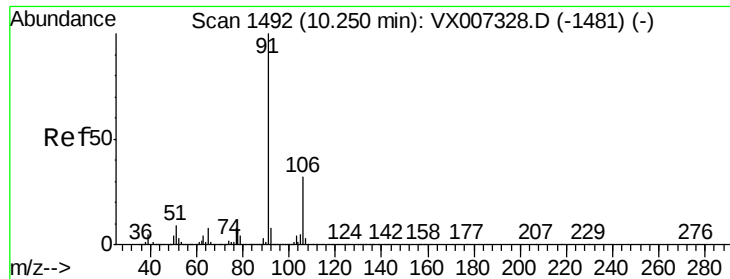
Tot Ion:112 Resp: 253040
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.385 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX007373.D
Acq: 05 Feb 2019 13:38

Tgt Ion:131 Resp: 87031
Ion Ratio Lower Upper
131 100
133 96.4 48.0 144.2
119 65.3 32.0 96.0

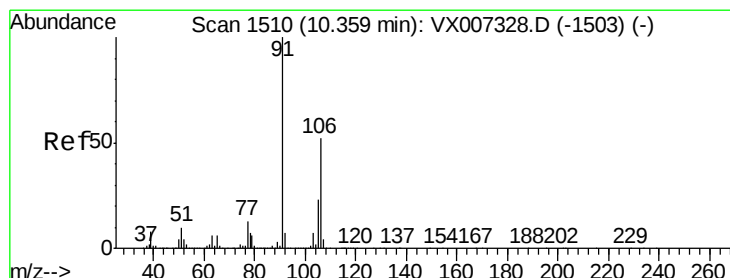
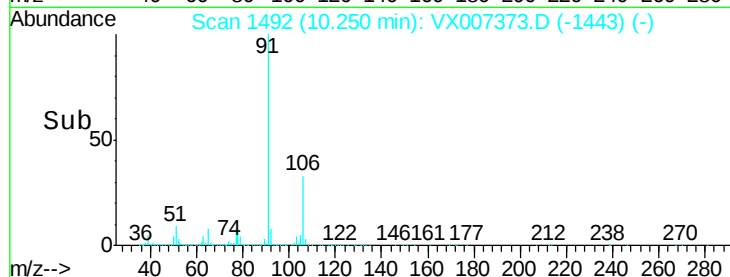
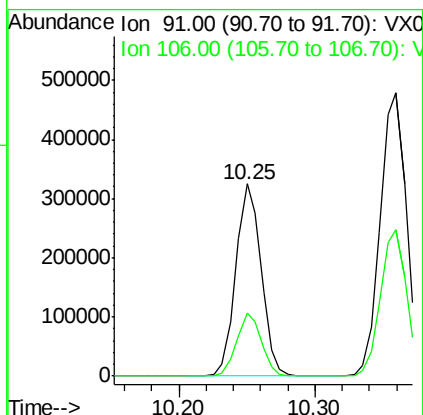
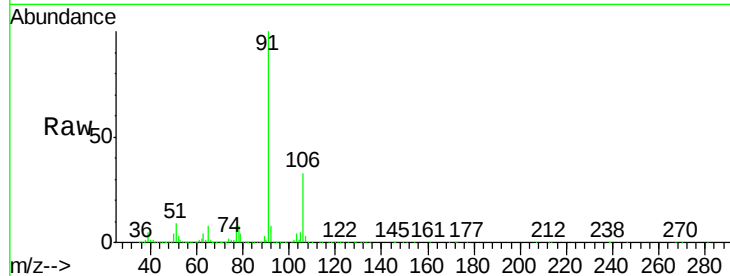




#67
Ethyl Benzene
Concen: 19.502 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX007373.D
Acq: 05 Feb 2019 13:38

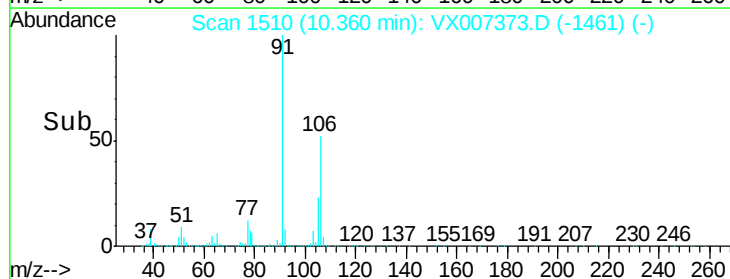
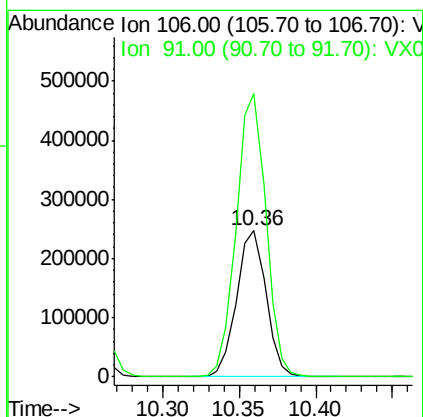
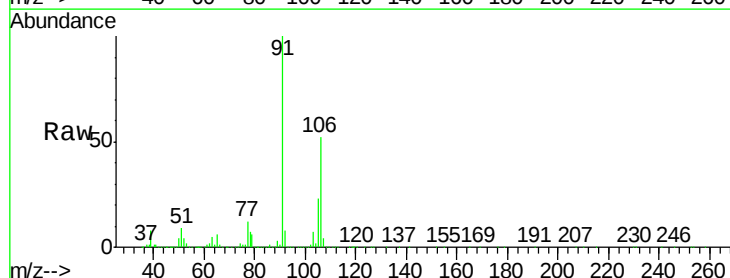
Instrument :
MSVOA_X
ClientSampleId :
VX0205WBSD01

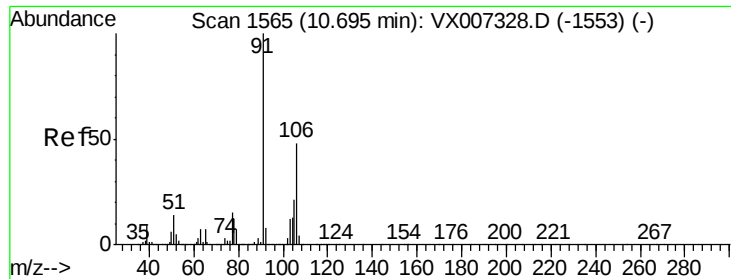
Tot Ion: 91 Resp: 420534
Ion Ratio Lower Upper
91 100
106 32.7 25.4 38.0



#68
m/p-Xylenes
Concen: 38.584 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX007373.D
Acq: 05 Feb 2019 13:38

Tgt Ion: 106 Resp: 330743
Ion Ratio Lower Upper
106 100
91 194.8 156.6 234.8

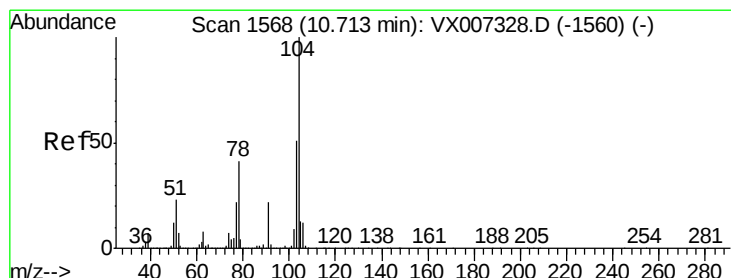
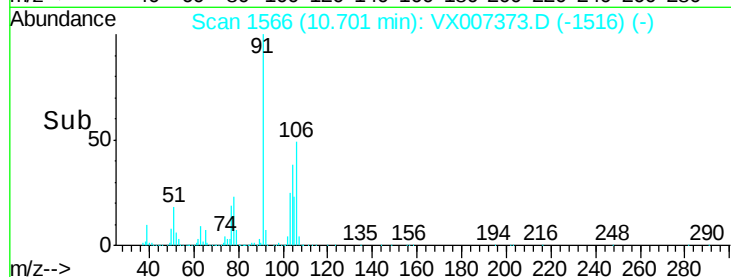
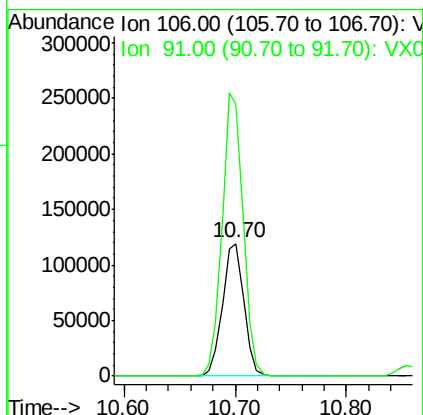
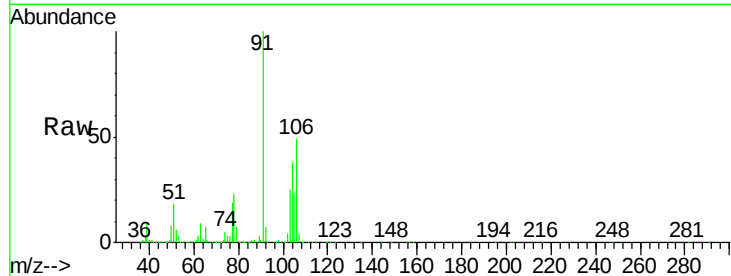




#69
o-Xylene
Concen: 19.260 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX007373.D
Acq: 05 Feb 2019 13:38

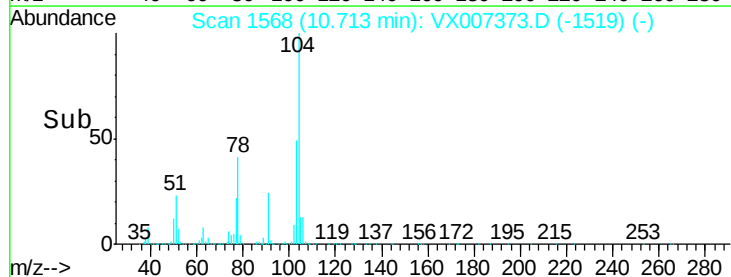
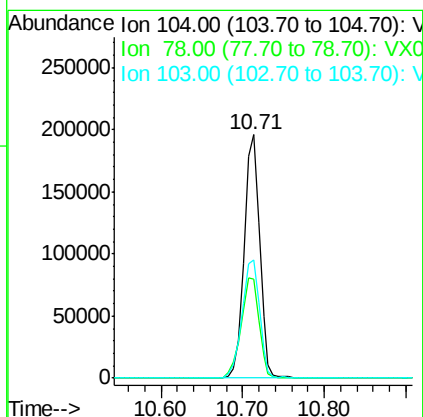
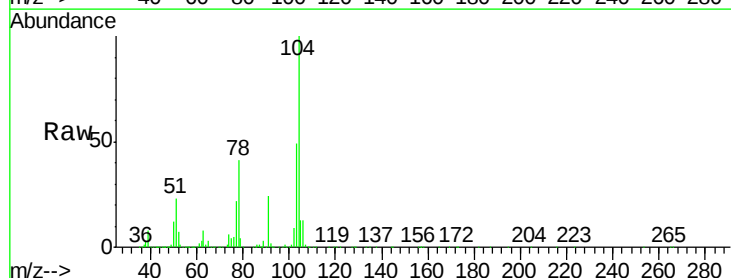
Instrument :
MSVOA_X
ClientSampleId :
VX0205WBSD01

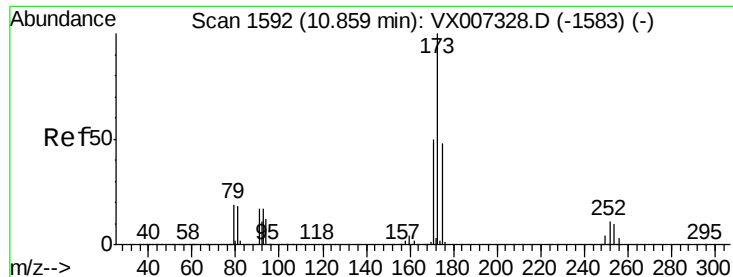
Tot Ion:106 Resp: 158863
Ion Ratio Lower Upper
106 100
91 208.6 102.9 308.7



#70
Styrene
Concen: 19.207 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007373.D
Acq: 05 Feb 2019 13:38

Tgt Ion:104 Resp: 256930
Ion Ratio Lower Upper
104 100
78 47.6 38.3 57.5
103 55.0 44.6 67.0





#71

Bromoform

Concen: 18.487 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX0205WBSD01

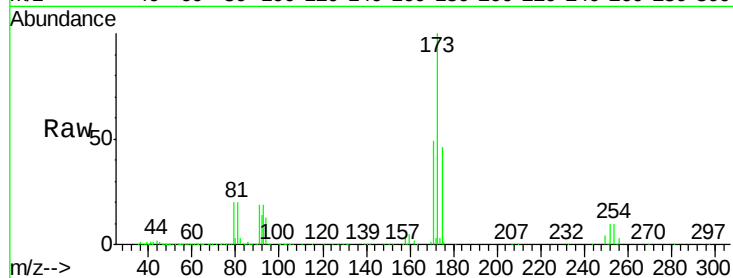
Tot Ion:173 Resp: 61920

Ion Ratio Lower Upper

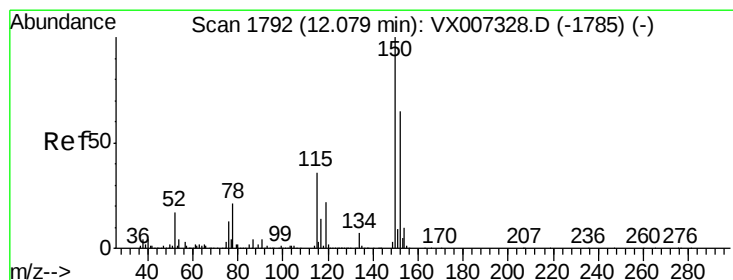
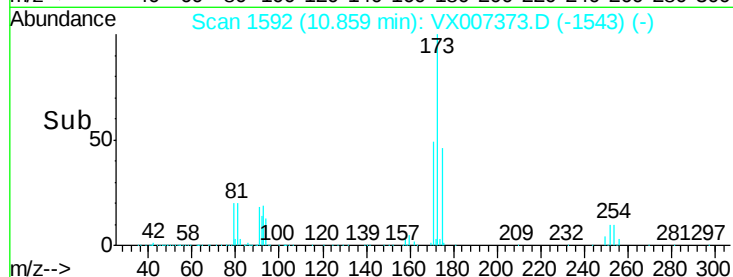
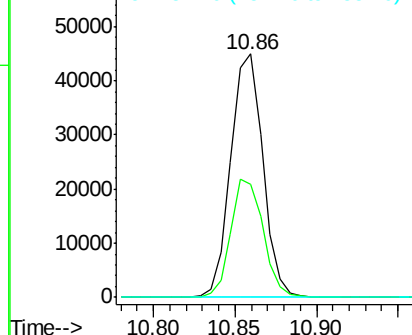
173 100

175 48.7 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: VX007373.D

Acq: 05 Feb 2019 13:38

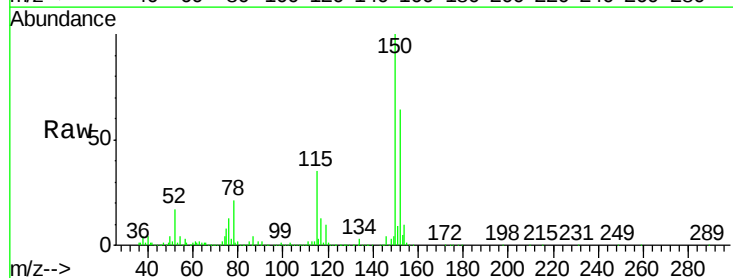
Tgt Ion:152 Resp: 314894

Ion Ratio Lower Upper

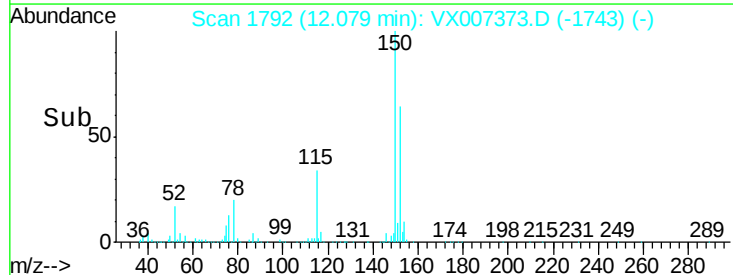
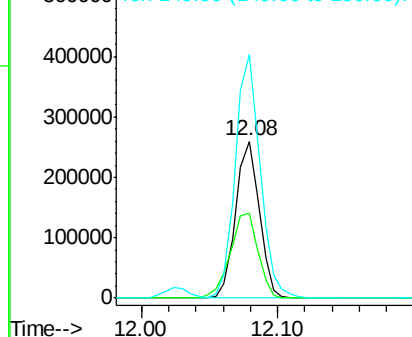
152 100

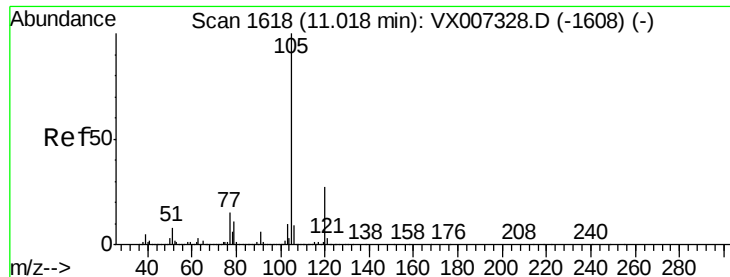
115 63.9 38.0 114.0

150 162.7 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: 19.931 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

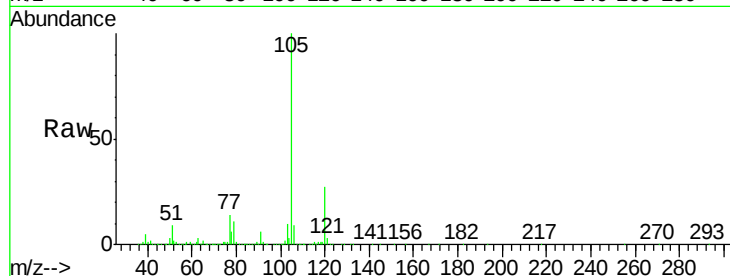
VX0205WBSD01

Tot Ion:105 Resp: 426500

Ion Ratio Lower Upper

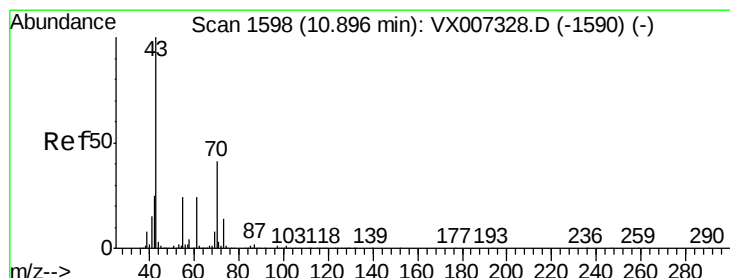
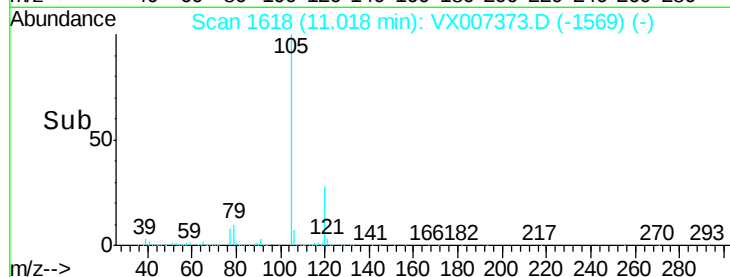
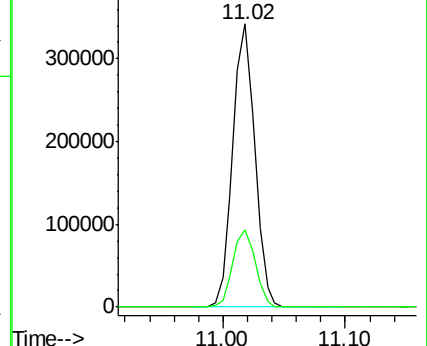
105 100

120 28.0 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: 19.786 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Tgt Ion: 43 Resp: 163765

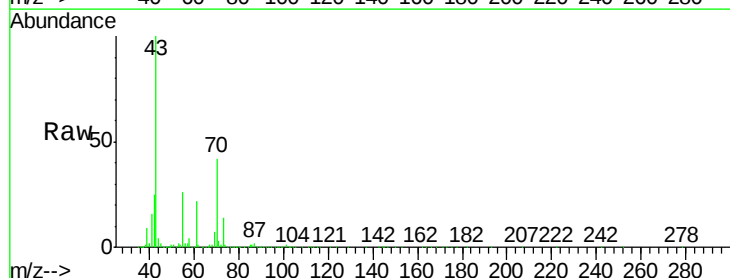
Ion Ratio Lower Upper

43 100

70 42.9 33.8 50.6

55 25.4 19.5 29.3

61 23.1 19.4 29.2

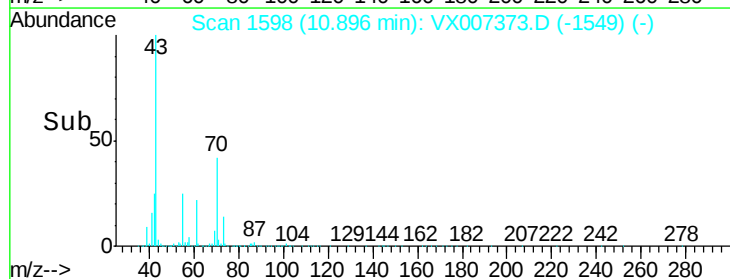
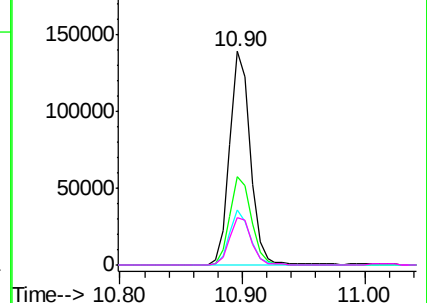


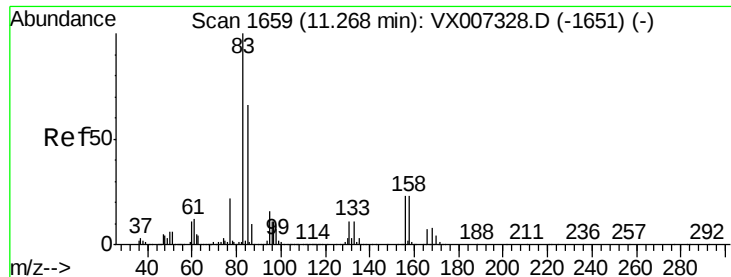
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 19.484 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX0205WBSD01

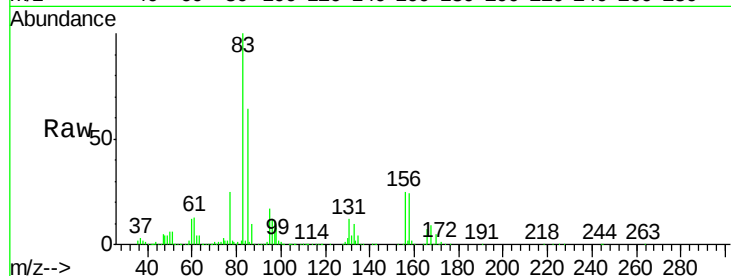
Tot Ion: 83 Resp: 127064

Ion Ratio Lower Upper

83 100

131 11.9 5.7 17.0

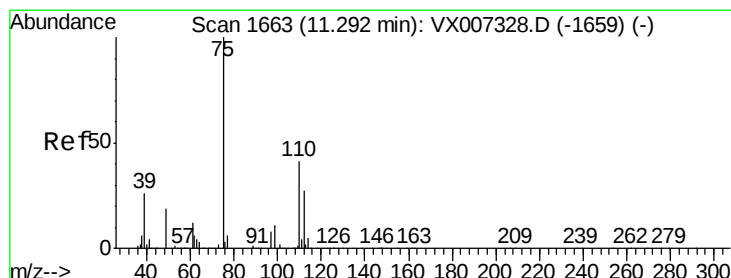
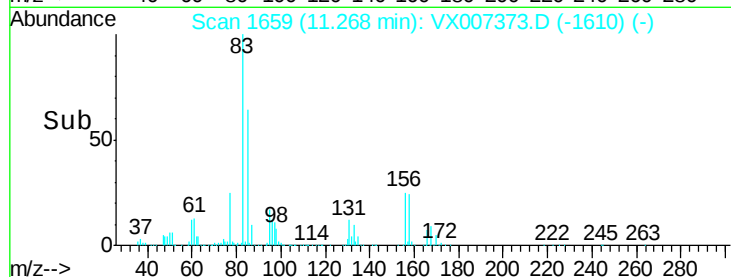
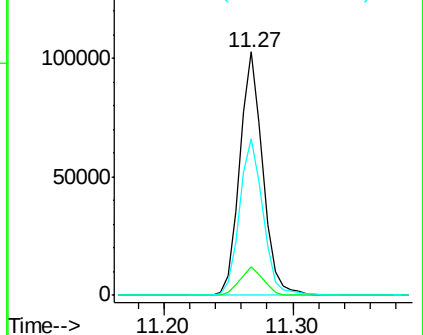
85 66.0 32.8 98.3



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: 23.520 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.01 min

Lab File: VX007373.D

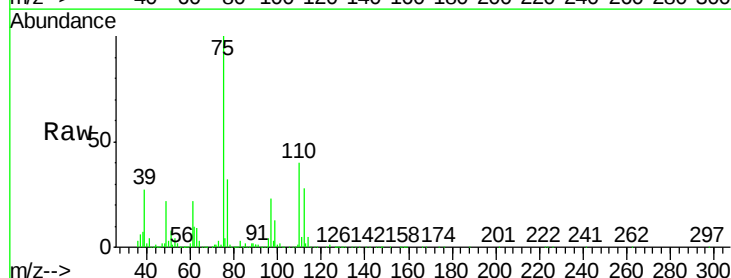
Acq: 05 Feb 2019 13:38

Tgt Ion: 75 Resp: 144060

Ion Ratio Lower Upper

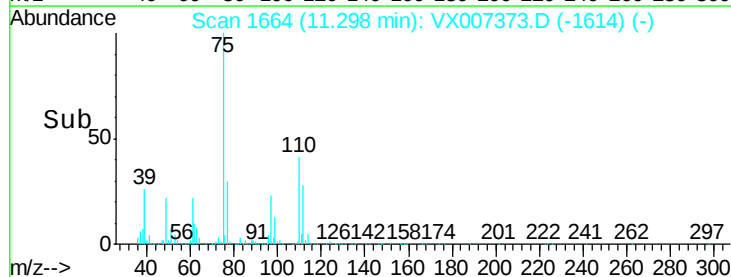
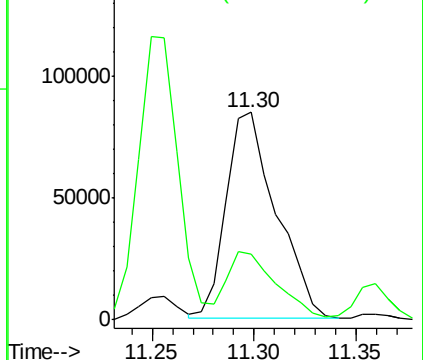
75 100

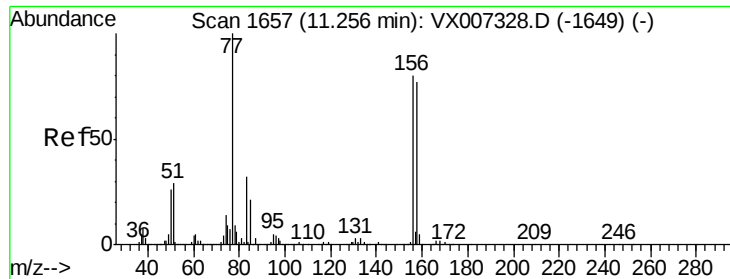
77 32.3 23.0 69.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.450 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX0205WBSD01

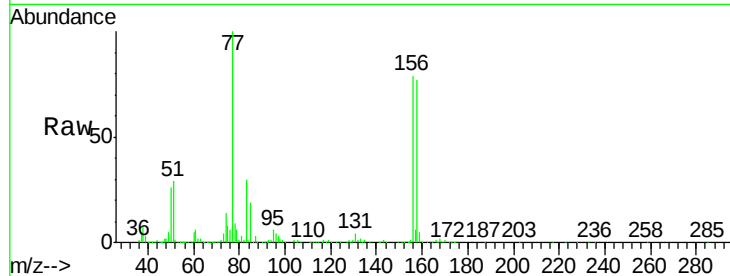
Tot Ion:156 Resp: 117266

Ion Ratio Lower Upper

156 100

77 134.6 66.8 200.6

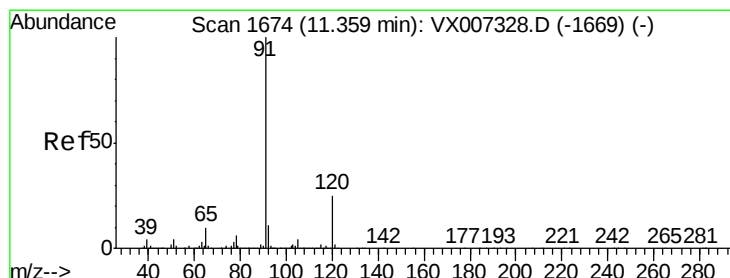
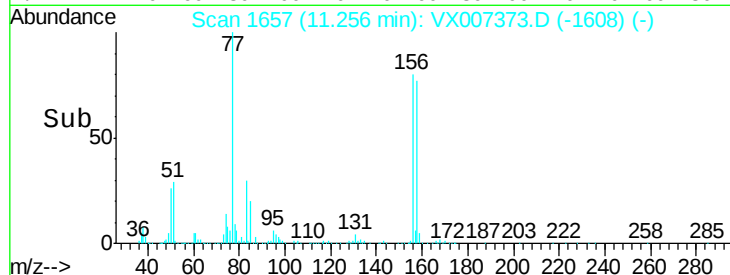
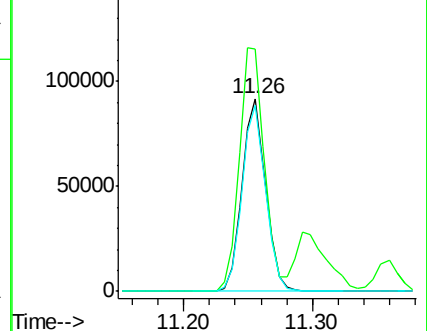
158 96.0 47.9 143.8



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: 20.028 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007373.D

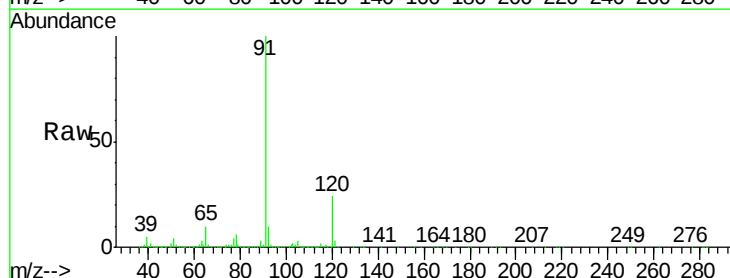
Acq: 05 Feb 2019 13:38

Tgt Ion: 91 Resp: 469950

Ion Ratio Lower Upper

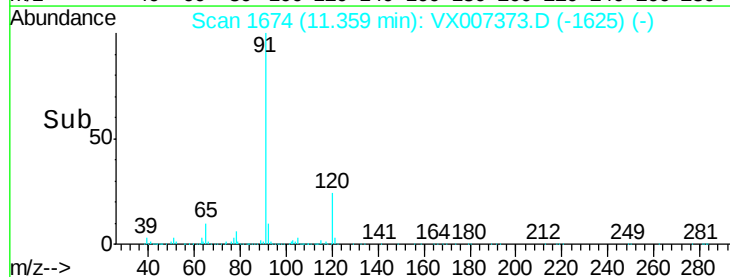
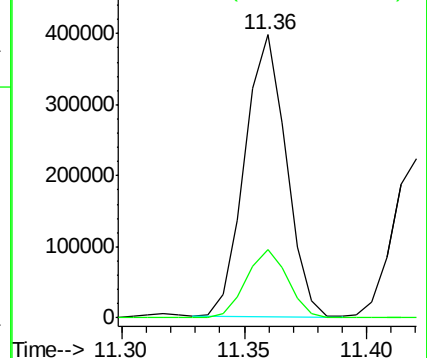
91 100

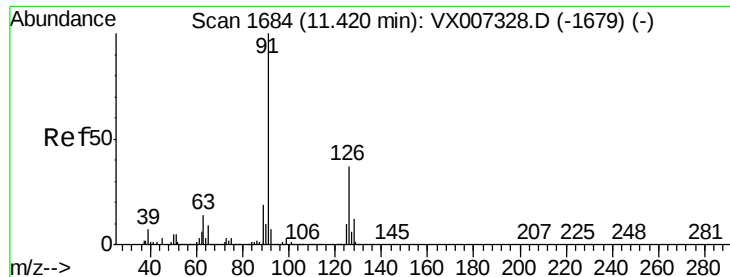
120 24.3 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

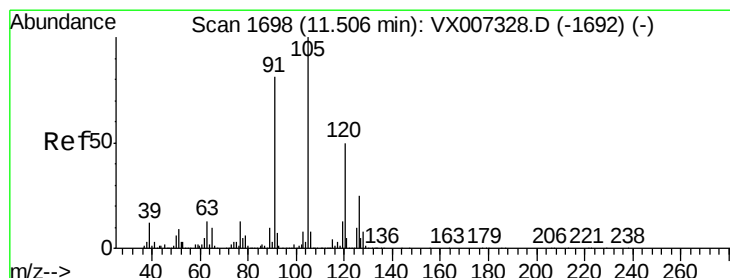
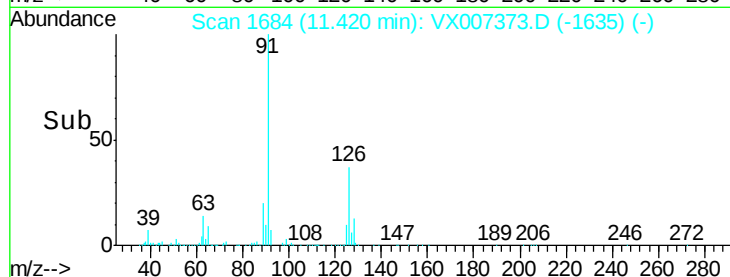
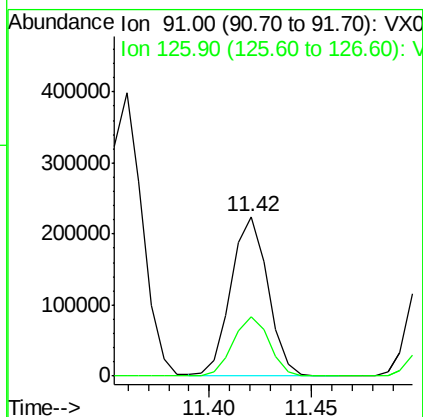
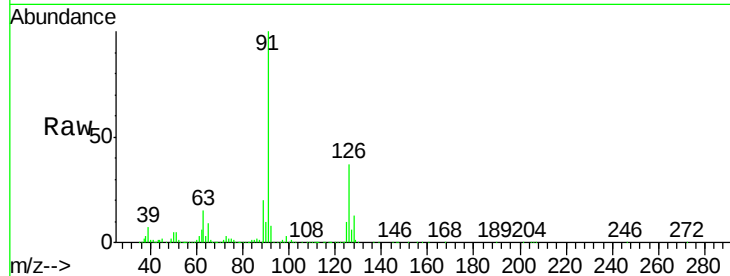




#79
 2-Chlorotoluene
 Concen: 19.672 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX007373.D
 Acq: 05 Feb 2019 13:38

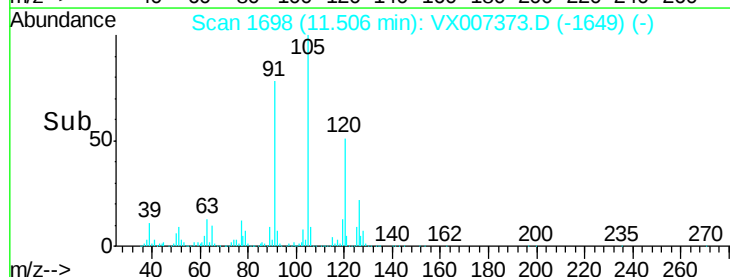
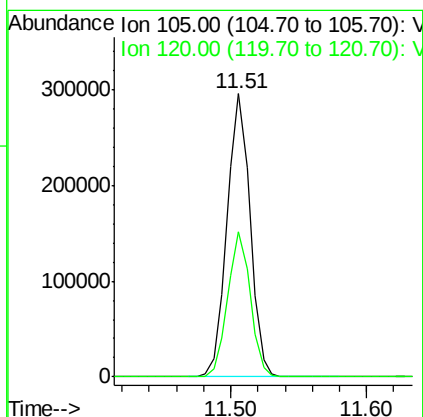
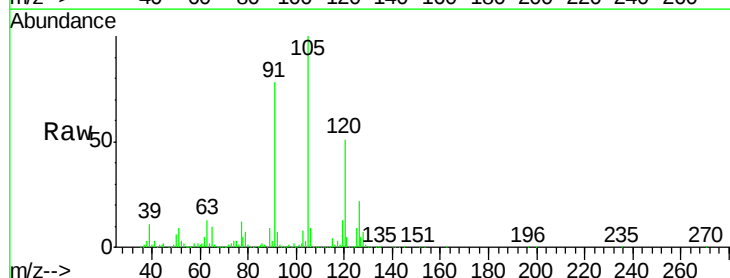
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0205WBSD01

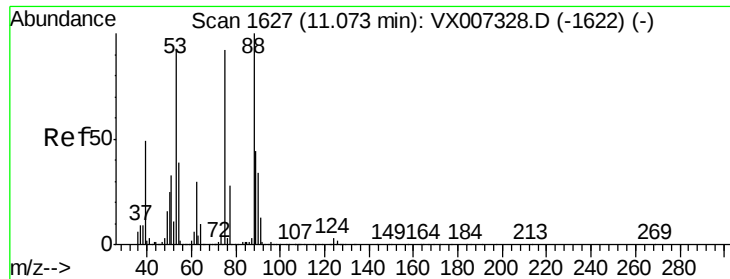
Tot Ion: 91 Resp: 280085
 Ion Ratio Lower Upper
 91 100
 126 37.1 18.7 56.1



#80
 1,3,5-Trimethylbenzene
 Concen: 19.900 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX007373.D
 Acq: 05 Feb 2019 13:38

Tgt Ion: 105 Resp: 348379
 Ion Ratio Lower Upper
 105 100
 120 50.0 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.488 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX0205WBSD01

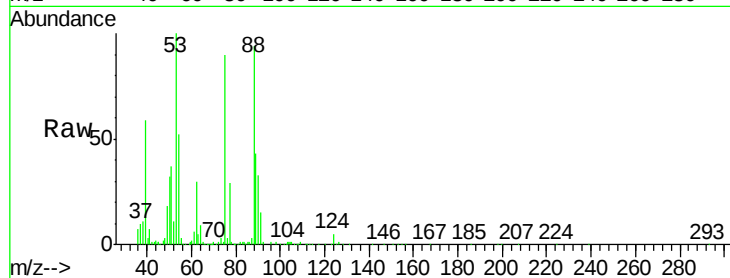
Tot Ion: 75 Resp: 30868

Ion Ratio Lower Upper

75 100

53 113.1 81.0 121.6

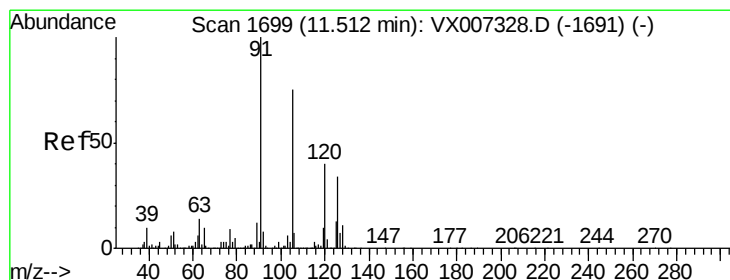
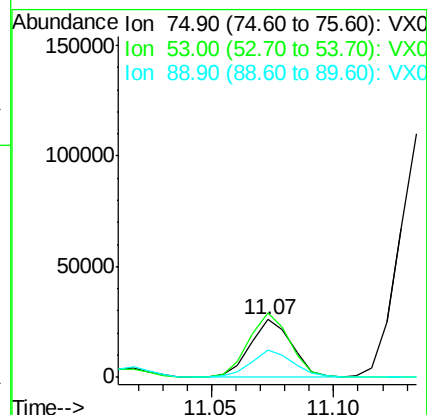
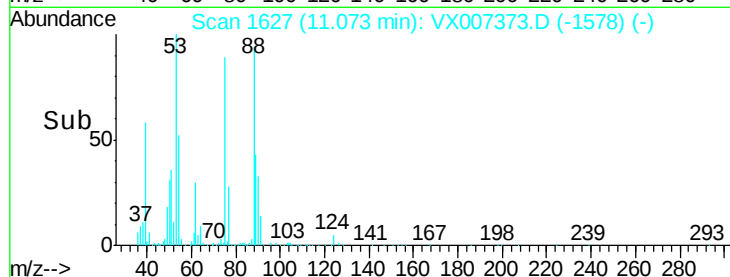
89 48.3 41.4 62.0



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: 19.518 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX007373.D

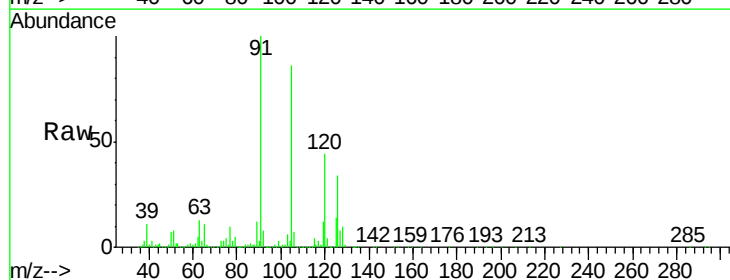
Acq: 05 Feb 2019 13:38

Tgt Ion: 91 Resp: 321554

Ion Ratio Lower Upper

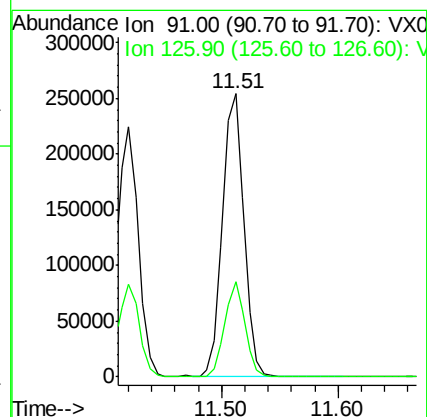
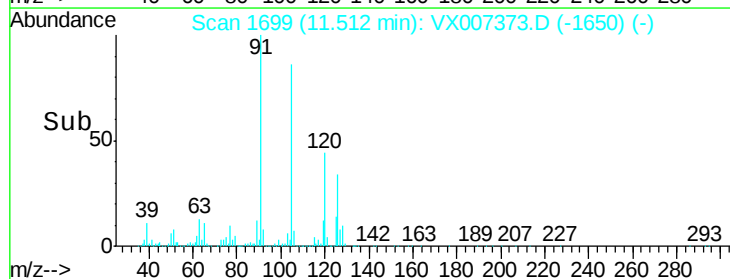
91 100

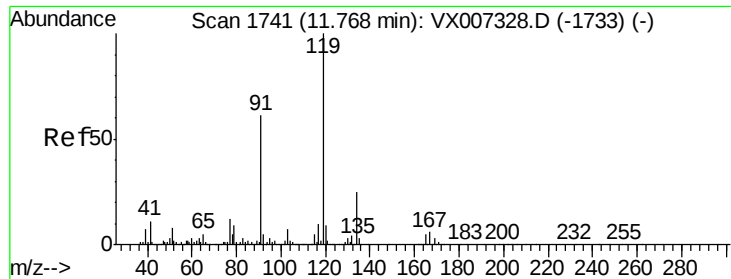
126 31.7 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 19.161 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX0205WBSD01

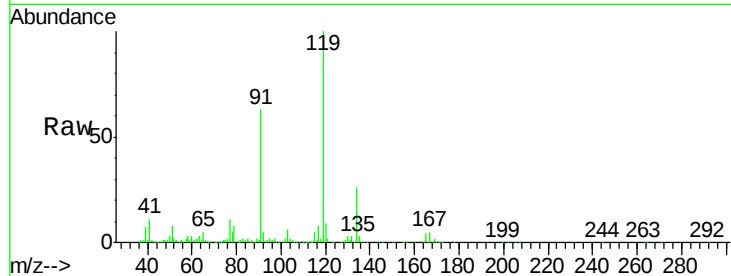
Tot Ion:119 Resp: 332107

Ion Ratio Lower Upper

119 100

91 58.5 28.5 85.6

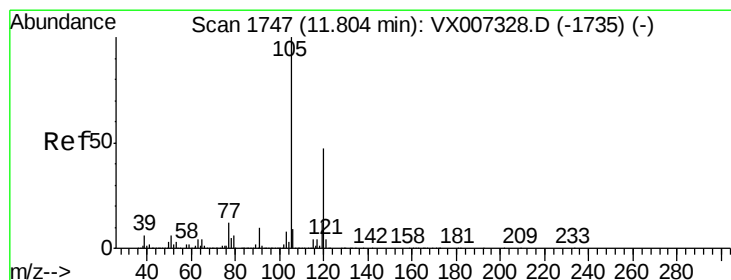
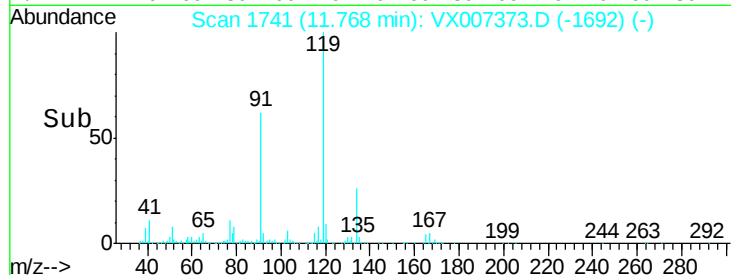
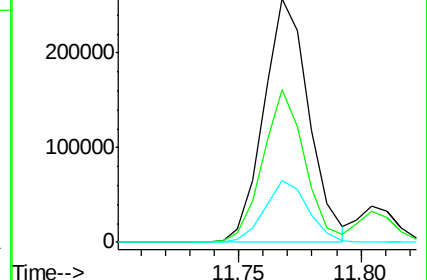
134 24.8 12.0 36.0



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: 20.374 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX007373.D

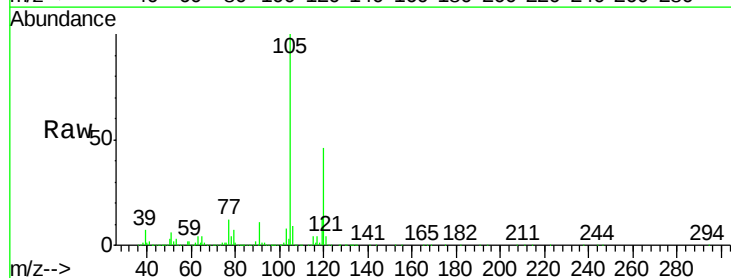
Acq: 05 Feb 2019 13:38

Tgt Ion:105 Resp: 362122

Ion Ratio Lower Upper

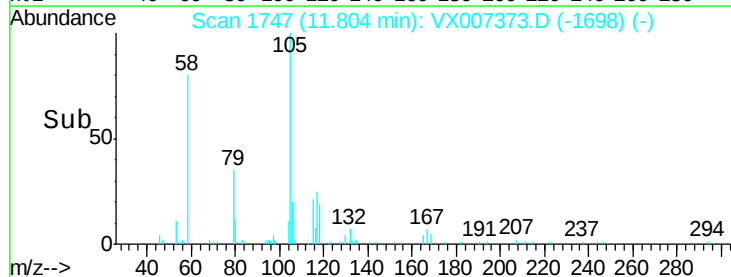
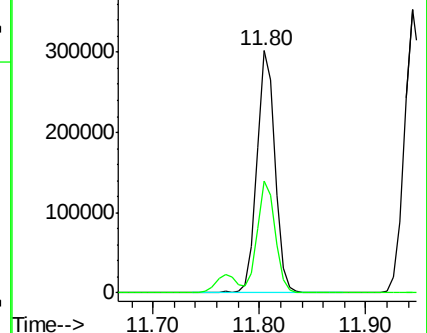
105 100

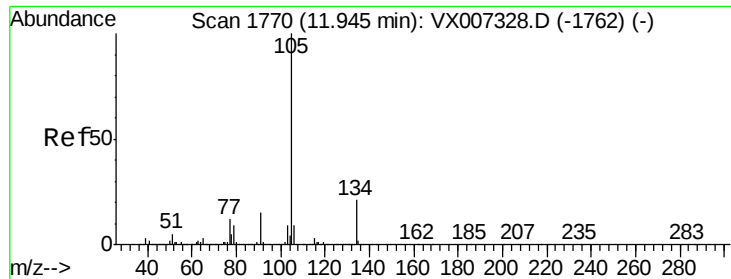
120 45.3 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.023 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

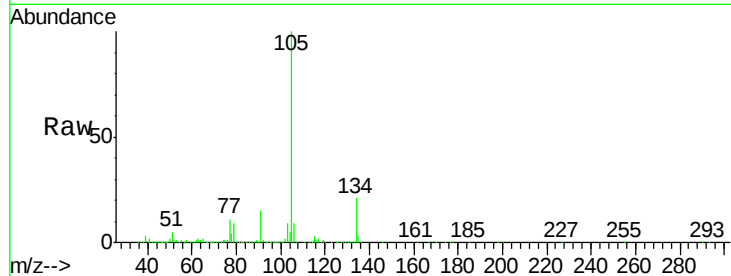
VX0205WBSD01

Tot Ion:105 Resp: 420053

Ion Ratio Lower Upper

105 100

134 21.8 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

400000

300000

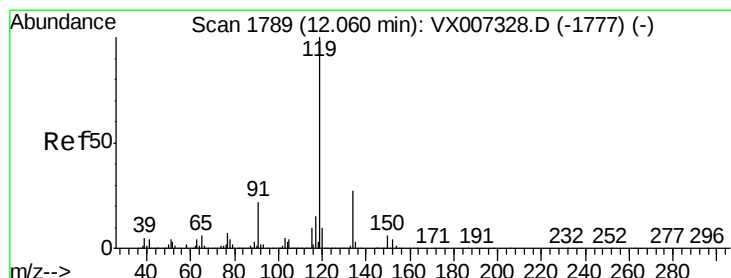
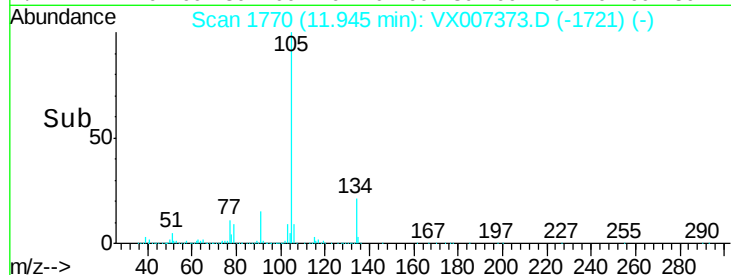
200000

100000

0

Time-->

11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 19.660 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

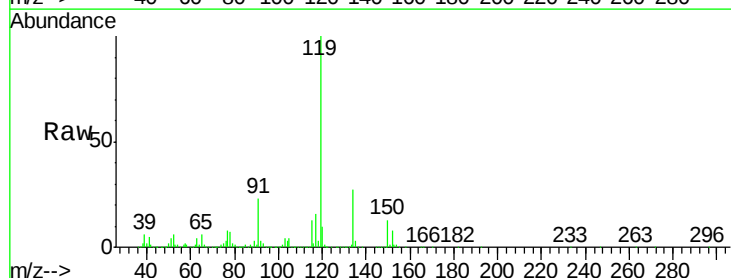
Tgt Ion:119 Resp: 372302

Ion Ratio Lower Upper

119 100

134 27.4 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

12.06

400000

300000

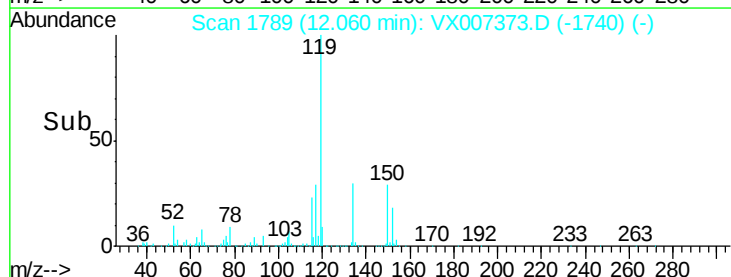
200000

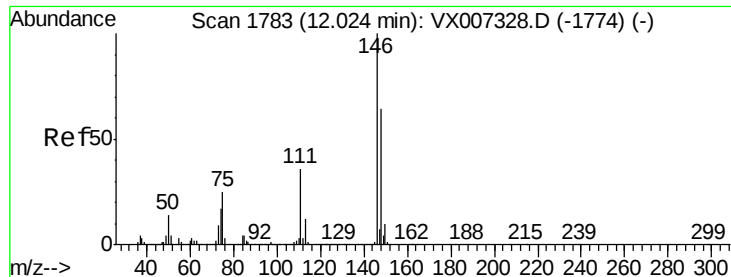
100000

0

Time-->

12.00 12.10

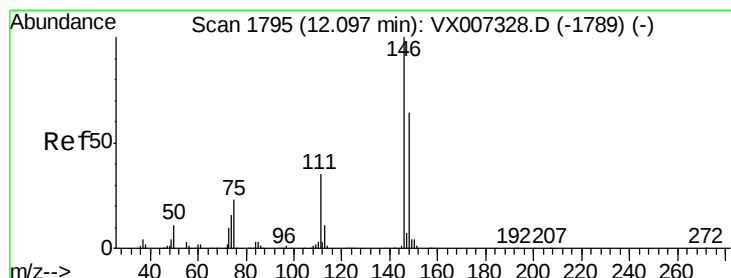
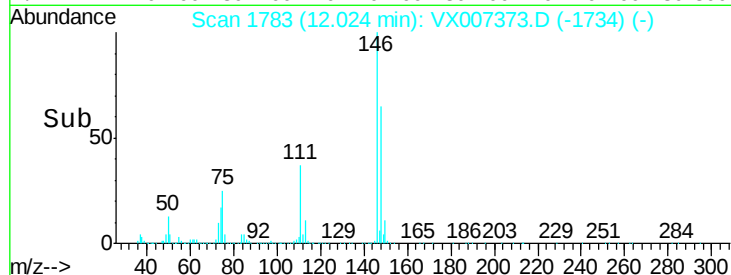
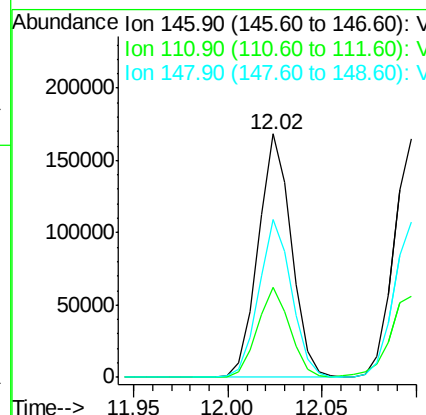
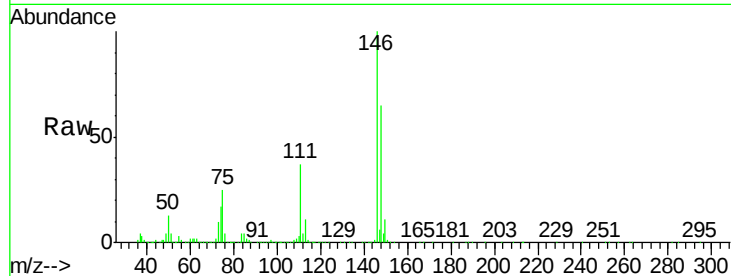




#87
 1,3-Dichlorobenzene
 Concen: 18.908 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007373.D
 Acq: 05 Feb 2019 13:38

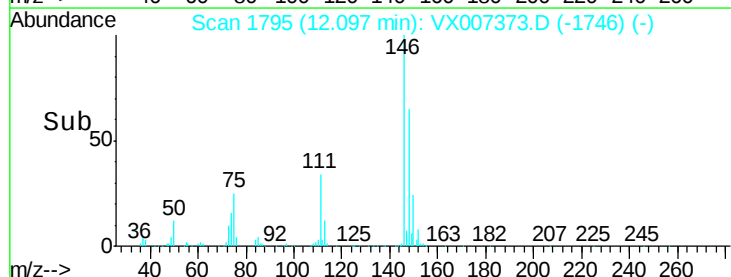
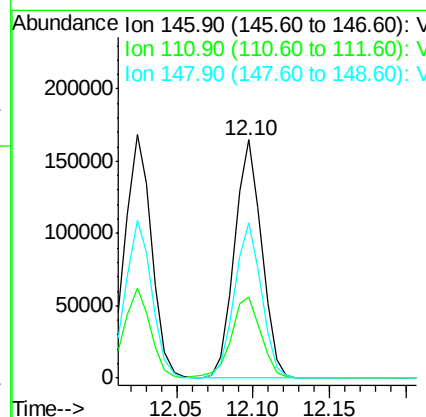
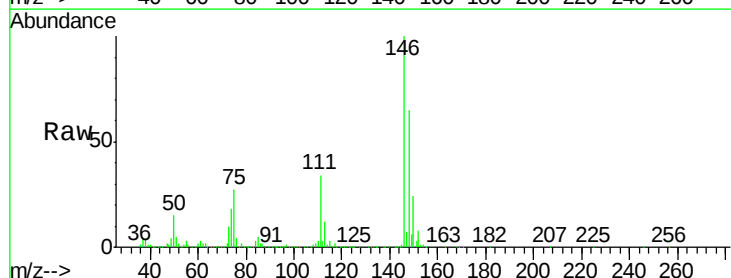
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0205WBSD01

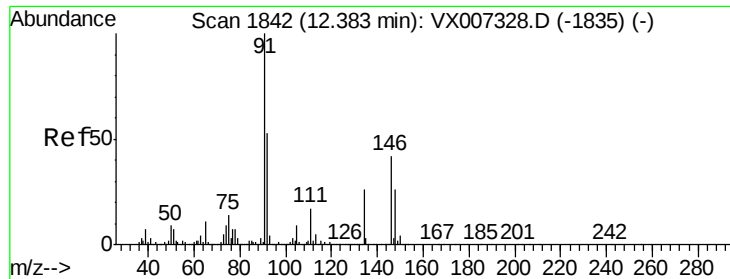
Tot Ion:146 Resp: 204591
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.1 54.1
 148 64.2 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 18.385 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007373.D
 Acq: 05 Feb 2019 13:38

Tgt Ion:146 Resp: 201824
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.1 54.1
 148 65.3 32.3 96.9

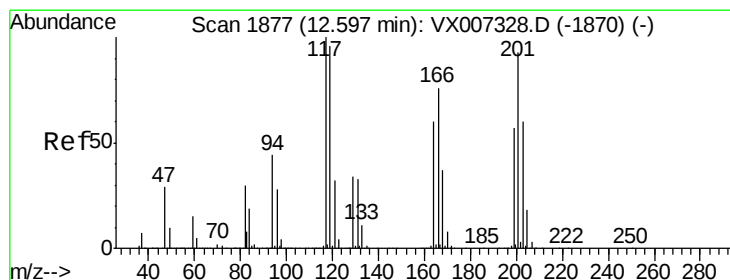
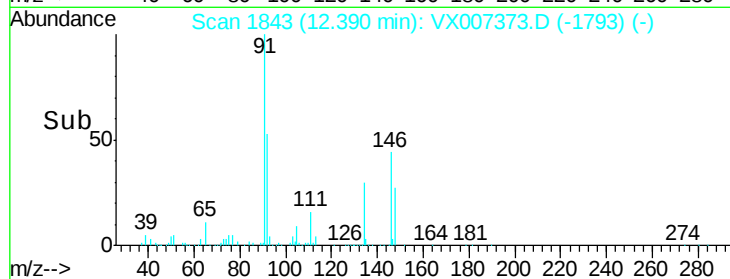
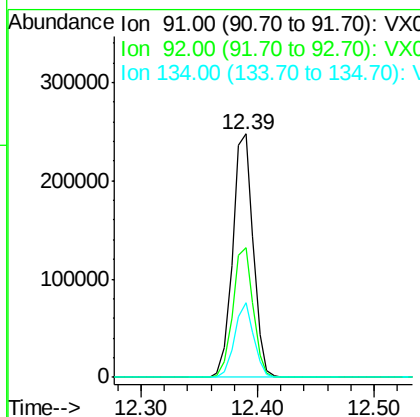
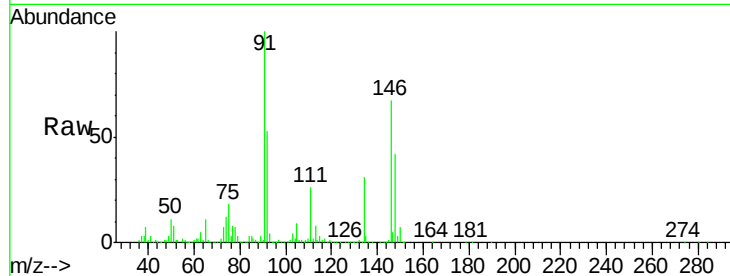




#89
n-Butylbenzene
Concen: 18.690 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007373.D
Acq: 05 Feb 2019 13:38

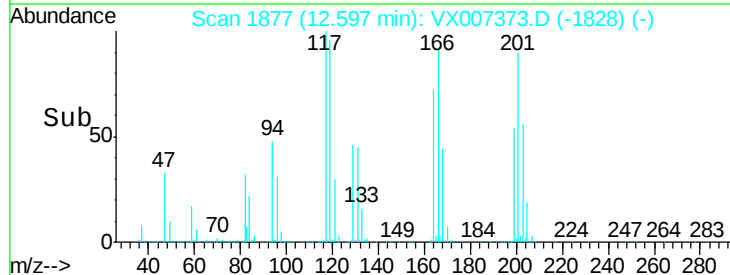
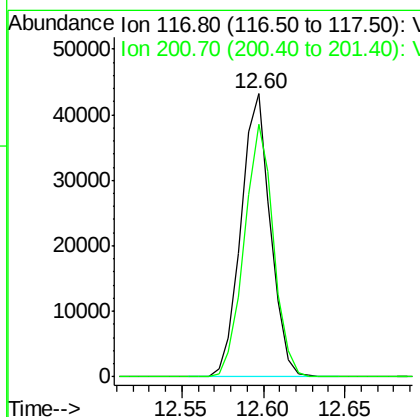
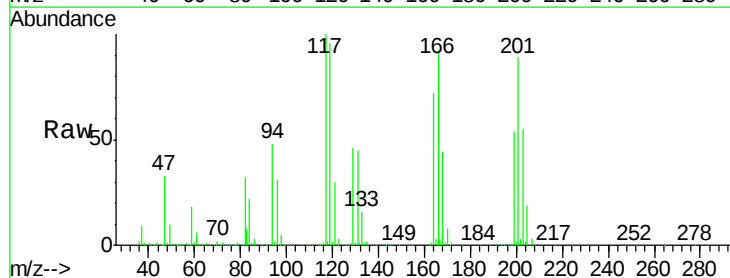
Instrument :
MSVOA_X
ClientSampled :
VX0205WBSD01

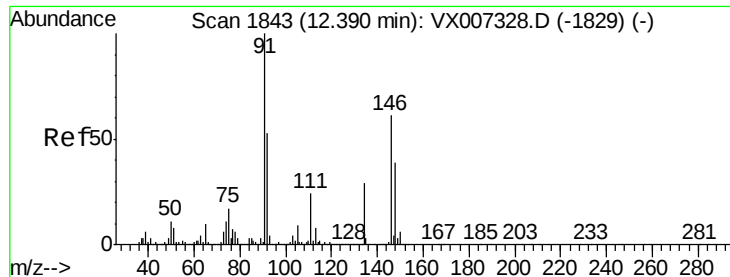
Tot Ion: 91 Resp: 304469
Ion Ratio Lower Upper
91 100
92 52.8 26.3 78.9
134 28.6 13.9 41.6



#90
Hexachloroethane
Concen: 19.170 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007373.D
Acq: 05 Feb 2019 13:38

Tgt Ion: 117 Resp: 54332
Ion Ratio Lower Upper
117 100
201 88.5 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 19.151 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX0205WBSD01

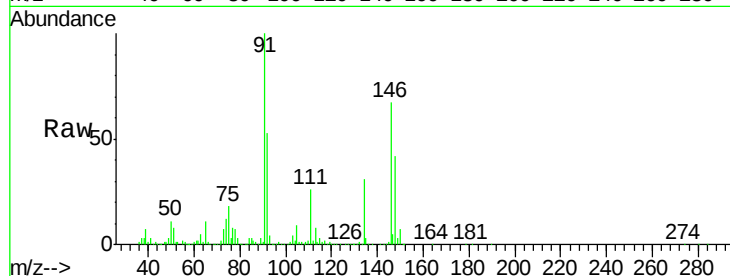
Tot Ion:146 Resp: 206221

Ion Ratio Lower Upper

146 100

111 38.5 19.1 57.3

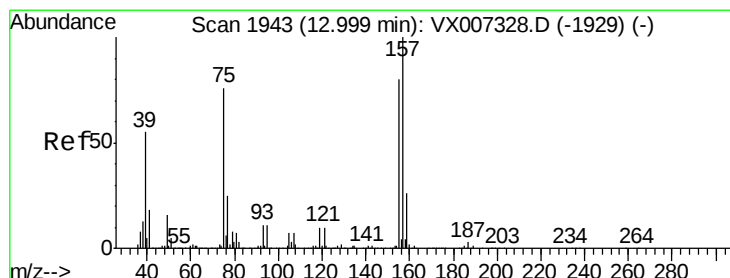
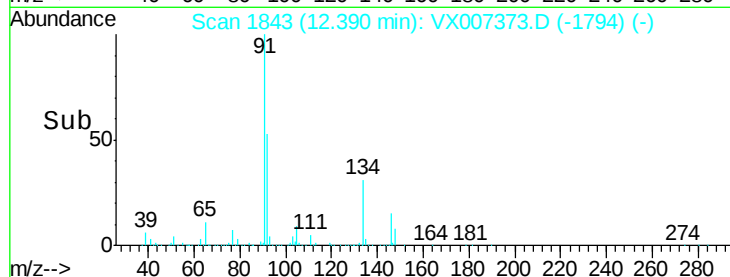
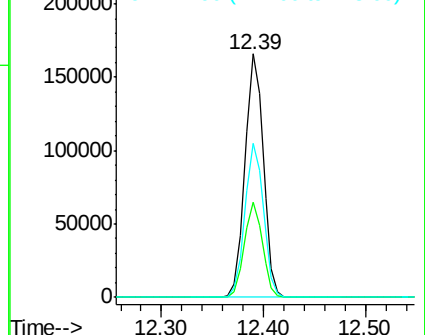
148 63.7 32.1 96.3



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: 19.761 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

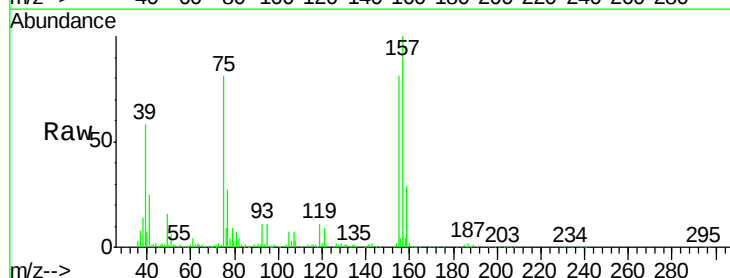
Tgt Ion: 75 Resp: 26796

Ion Ratio Lower Upper

75 100

155 100.0 49.6 149.0

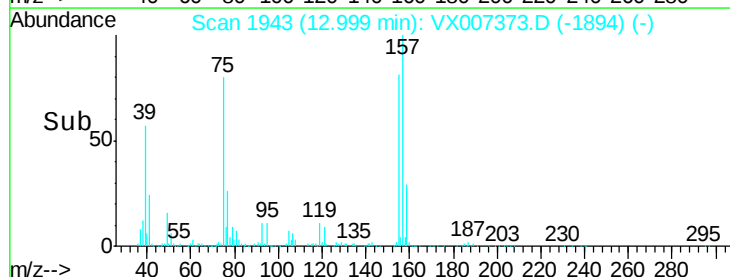
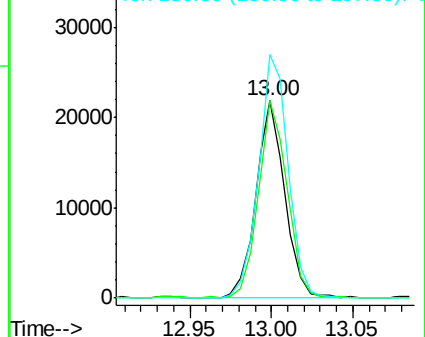
157 126.2 65.1 195.3

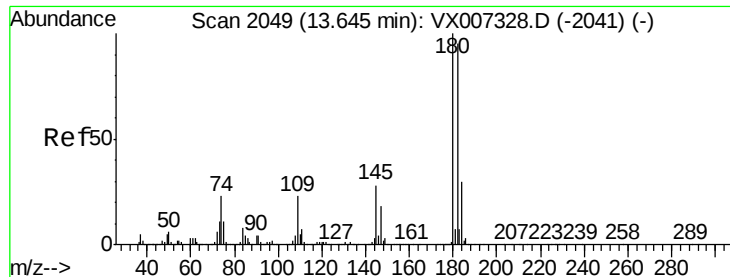


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

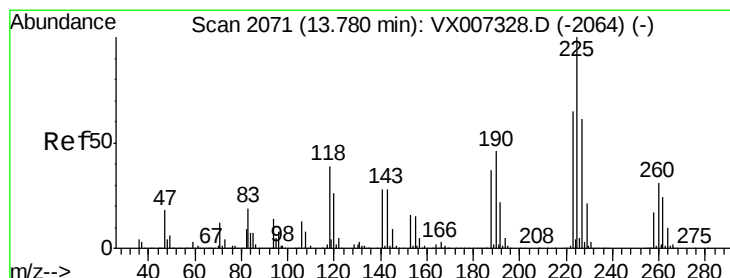
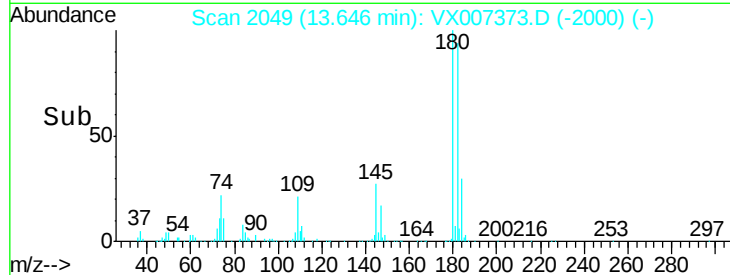
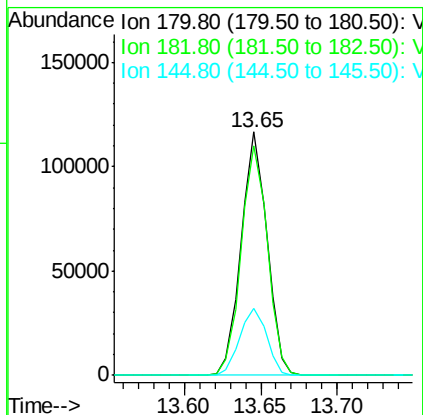
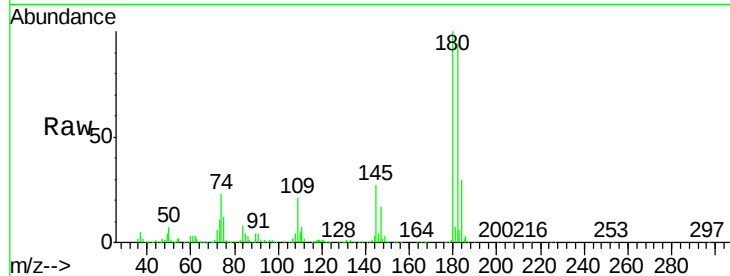




#93
 1,2,4-Trichlorobenzene
 Concen: 18.966 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007373.D
 Acq: 05 Feb 2019 13:38

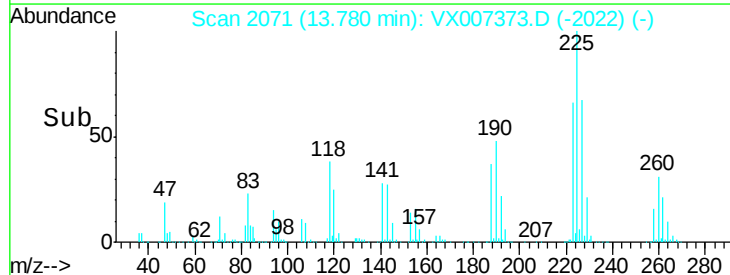
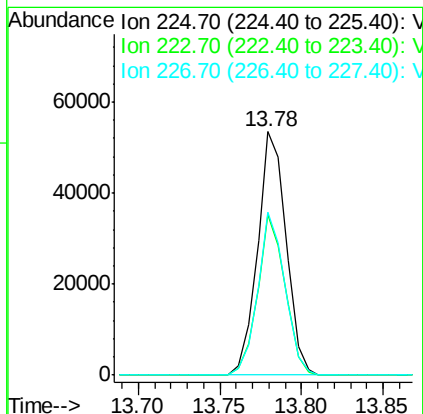
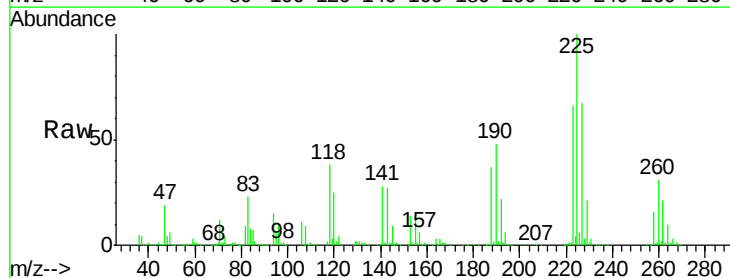
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0205WBSD01

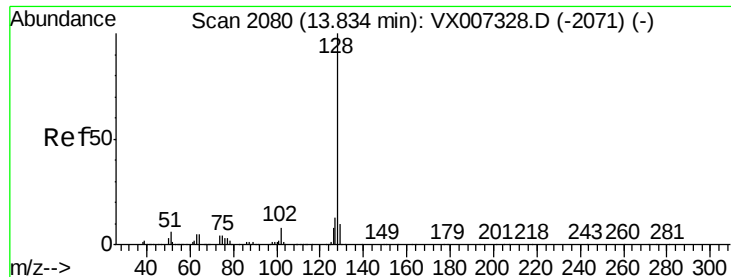
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.8	143.3
145	28.9	14.1	42.2



#94
 Hexachlorobutadiene
 Concen: 18.398 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007373.D
 Acq: 05 Feb 2019 13:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.6	94.8
227	63.6	32.1	96.3





#95

Naphthalene

Concen: 20.512 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX0205WBSD01

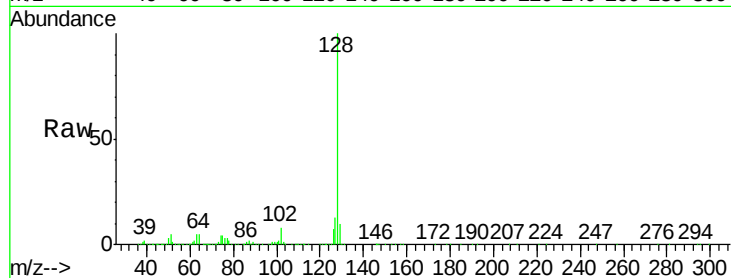
Tot Ion:128 Resp: 435601

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

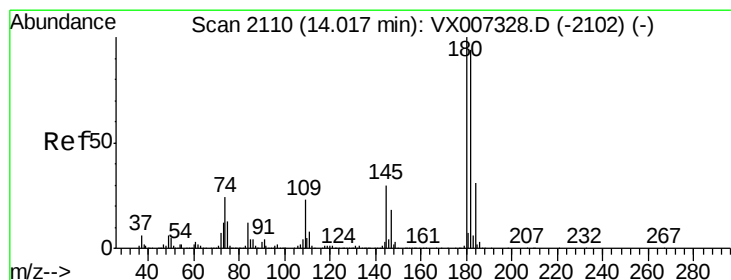
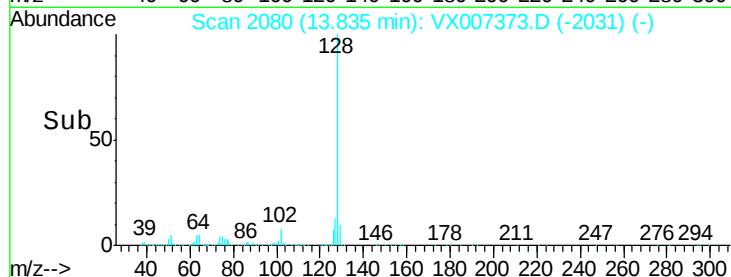
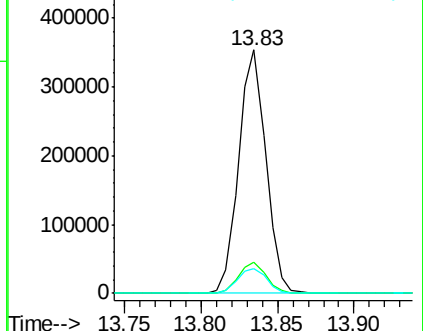
129 10.9 8.7 13.1



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



#96

1,2,3-Trichlorobenzene

Concen: 19.045 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

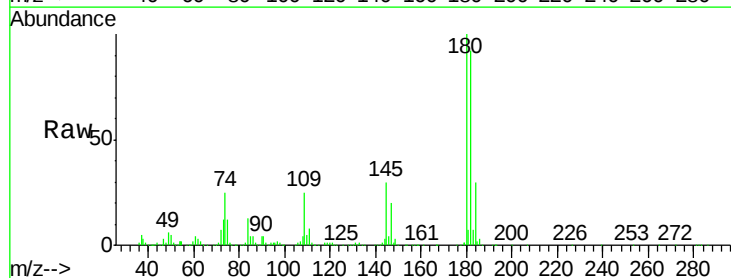
Tgt Ion:180 Resp: 139220

Ion Ratio Lower Upper

180 100

182 96.0 47.5 142.6

145 30.2 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

