

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020419\
 Data File : VX007362.D
 Acq On : 04 Feb 2019 16:29
 Operator : JC/SP
 Sample : VX0204WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0204WBSD01

Quant Time: Feb 04 23:59:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	478440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	702000	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	650557	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	331780	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	254115	50.04	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.08%	
35) Dibromofluoromethane	5.51	113	230514	50.47	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.94%	
50) Toluene-d8	8.71	98	863972	50.98	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.96%	
62) 4-Bromofluorobenzene	11.13	95	304811	49.26	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	121649	20.795	ug/l	98
3) Chloromethane	1.33	50	111764	20.740	ug/l	100
4) Vinyl Chloride	1.41	62	114491	21.656	ug/l	99
5) Bromomethane	1.64	94	105464	19.880	ug/l	98
6) Chloroethane	1.72	64	70031	20.477	ug/l	99
7) Trichlorofluoromethane	1.93	101	172133	20.814	ug/l	98
8) Diethyl Ether	2.19	74	63032	20.249	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	95451	19.403	ug/l	99
10) Methyl Iodide	2.51	142	145661	20.128	ug/l	99
11) Tert butyl alcohol	3.07	59	121260	115.382	ug/l	99
12) 1,1-Dichloroethene	2.38	96	90289	19.765	ug/l	96
13) Acrolein	2.30	56	62460	126.741	ug/l	100
14) Allyl chloride	2.73	41	153007	20.557	ug/l	98
15) Acrylonitrile	3.15	53	275457	105.952	ug/l	99
16) Acetone	2.45	43	243309	104.594	ug/l	97
17) Carbon Disulfide	2.57	76	222921	19.991	ug/l	100
18) Methyl Acetate	2.78	43	162742	27.125	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	300797	20.325	ug/l	100
20) Methylene Chloride	2.86	84	103264	21.509	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	95943	19.716	ug/l	96
22) Diisopropyl ether	3.87	45	281328	20.548	ug/l	94
23) Vinyl Acetate	3.82	43	1179380	103.806	ug/l	100
24) 1,1-Dichloroethane	3.70	63	157063	19.976	ug/l	98
25) 2-Butanone	4.70	43	352511	106.483	ug/l	97
26) 2,2-Dichloropropane	4.59	77	103325	17.256	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	101616	19.118	ug/l	99
28) Bromochloromethane	5.01	49	63309	17.509	ug/l	100
29) Tetrahydrofuran	5.15	42	227603	109.316	ug/l	99
30) Chloroform	5.21	83	163693	19.952	ug/l	95
31) Cyclohexane	5.57	56	136521	19.333	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	140206	20.245	ug/l	98
36) 1,1-Dichloropropene	5.80	75	118449	18.806	ug/l	99
37) Ethyl Acetate	4.85	43	133230	20.925	ug/l	99
38) Carbon Tetrachloride	5.79	117	121434	19.873	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020419\
 Data File : VX007362.D
 Acq On : 04 Feb 2019 16:29
 Operator : JC/SP
 Sample : VX0204WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0204WBSD01

Quant Time: Feb 04 23:59:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	146047	19.165	ug/l	99
40) Benzene	6.15	78	371073	20.000	ug/l	98
41) Methacrylonitrile	5.06	41	72589	21.272	ug/l	99
42) 1,2-Dichloroethane	6.20	62	125542	19.556	ug/l	98
43) Isopropyl Acetate	6.46	43	203261	20.682	ug/l	99
44) Trichloroethene	7.21	130	107413	19.222	ug/l	98
45) 1,2-Dichloropropane	7.52	63	90499	19.468	ug/l	100
46) Dibromomethane	7.66	93	64927	19.216	ug/l	98
47) Bromodichloromethane	7.90	83	111531	19.478	ug/l	99
48) Methyl methacrylate	7.77	41	107162	21.800	ug/l	99
49) 1,4-Dioxane	7.74	88	49870	449.897	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	691698	106.914	ug/l	100
52) Toluene	8.79	92	240240	20.069	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	121387	19.735	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	135083	19.971	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	100638	20.168	ug/l	95
56) Ethyl methacrylate	9.18	69	141653	20.496	ug/l	98
57) 1,3-Dichloropropane	9.37	76	159479	20.097	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	372235	102.186	ug/l	98
59) 2-Hexanone	9.49	43	525635	104.407	ug/l	99
60) Dibromochloromethane	9.58	129	95953	20.332	ug/l	99
61) 1,2-Dibromoethane	9.67	107	106873	20.224	ug/l	100
64) Tetrachloroethene	9.34	164	108878	17.757	ug/l	98
65) Chlorobenzene	10.14	112	276946	19.508	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	95715	20.110	ug/l	99
67) Ethyl Benzene	10.25	91	449165	19.647	ug/l	98
68) m/p-Xylenes	10.36	106	353985	38.952	ug/l	100
69) o-Xylene	10.70	106	172770	19.757	ug/l	99
70) Styrene	10.71	104	275187	19.404	ug/l	100
71) Bromoform	10.86	173	71036	19.675	ug/l #	98
73) Isopropylbenzene	11.02	105	457033	20.271	ug/l	99
74) N-amyl acetate	10.90	43	181293	20.789	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	144631	21.049	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	162284	25.147	ug/l	77
77) Bromobenzene	11.26	156	126700	19.945	ug/l	99
78) n-propylbenzene	11.36	91	503398	20.361	ug/l	99
79) 2-Chlorotoluene	11.42	91	301715	20.112	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	370851	20.105	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	36557	20.257	ug/l	97
82) 4-Chlorotoluene	11.51	91	341921	19.698	ug/l	98
83) tert-Butylbenzene	11.77	119	369436	20.230	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	391012	20.880	ug/l	100
85) sec-Butylbenzene	11.94	105	447022	20.225	ug/l	100
86) p-Isopropyltoluene	12.06	119	398239	19.959	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	216556	18.995	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	222634	19.248	ug/l	98
89) n-Butylbenzene	12.39	91	326086	18.998	ug/l	99
90) Hexachloroethane	12.60	117	60403	20.228	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	217479	19.168	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	30135	21.092	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020419\
Data File : VX007362.D
Acq On : 04 Feb 2019 16:29
Operator : JC/SP
Sample : VX0204WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0204WBSD01

Quant Time: Feb 04 23:59:46 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

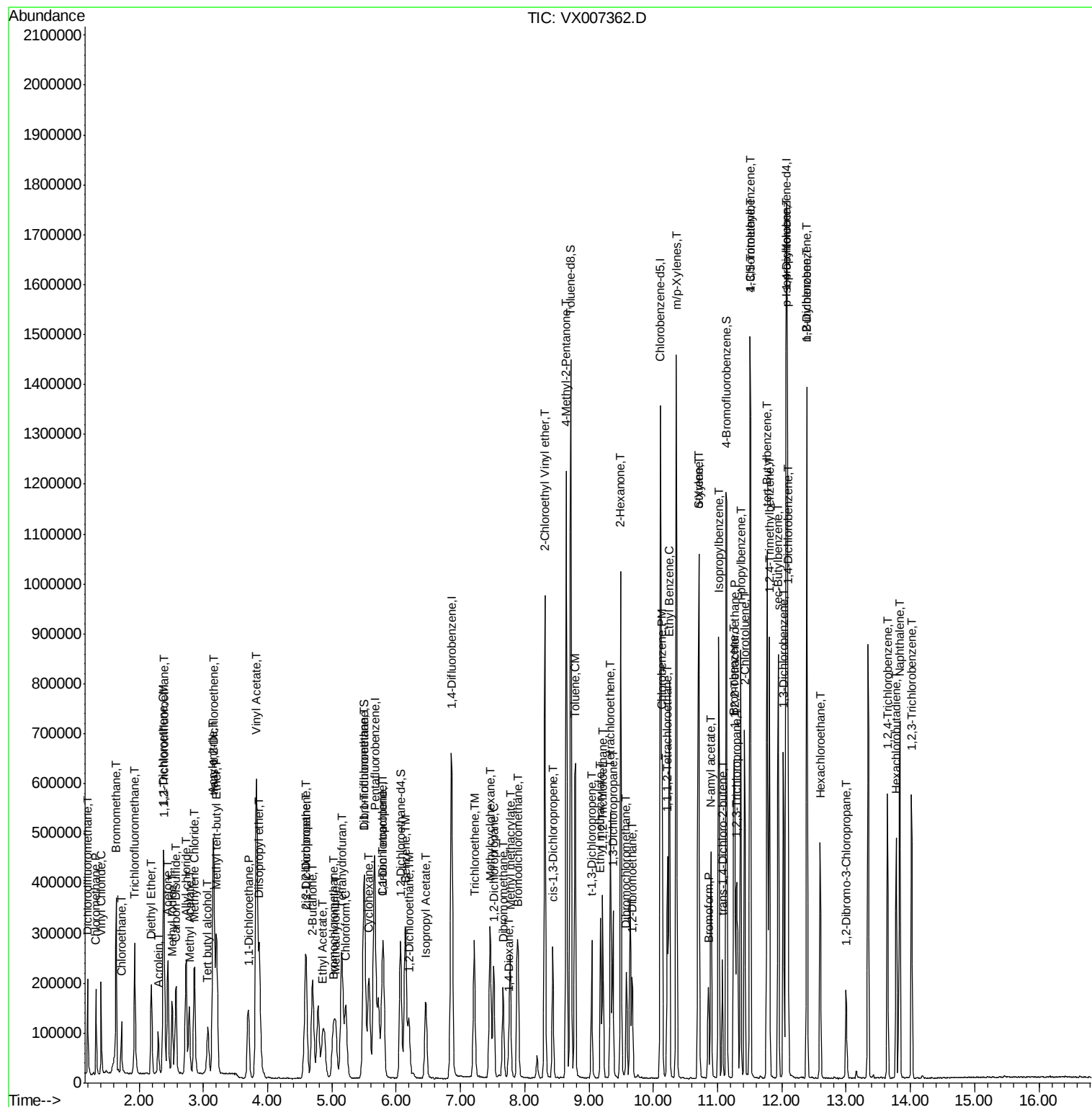
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	143370	18.738	ug/l	99
94) Hexachlorobutadiene	13.78	225	69360	18.668	ug/l	99
95) Naphthalene	13.83	128	446289	19.946	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	144418	18.751	ug/l	98

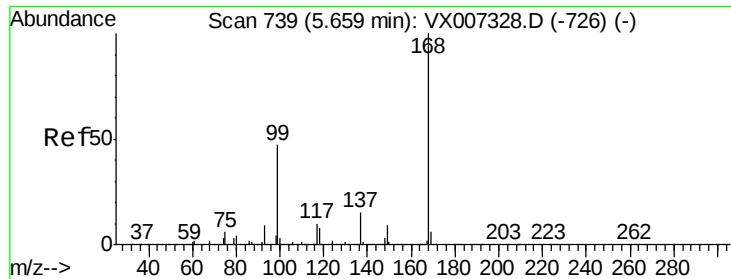
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX020419\
 Data File : VX007362.D
 Acq On : 04 Feb 2019 16:29
 Operator : JC/SP
 Sample : VX0204WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 Client Sample ID :
 VX0204WBSD01

Quant Time: Feb 04 23:59:46 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007362.D

Acq: 04 Feb 2019 16:29

Instrument :

MSVOA_X

ClientSampleId :

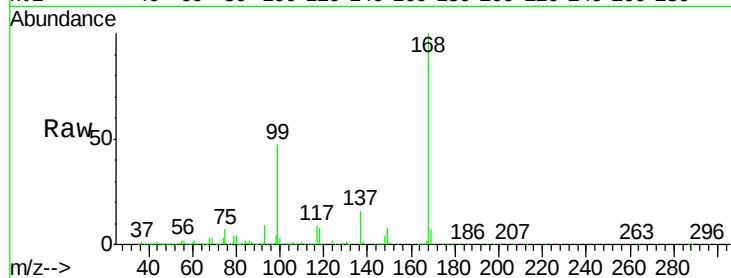
VX0204WBSD01

Tot Ion:168 Resp: 478440

Ion Ratio Lower Upper

168 100

99 47.4 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

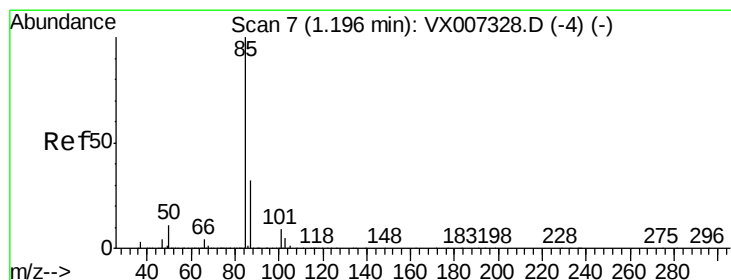
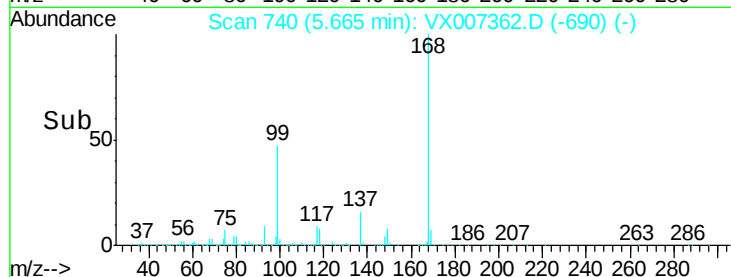
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.795 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007362.D

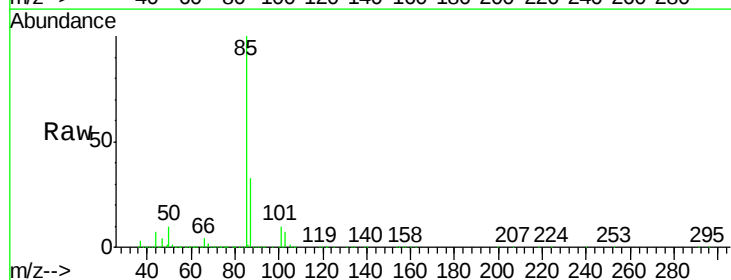
Acq: 04 Feb 2019 16:29

Tgt Ion: 85 Resp: 121649

Ion Ratio Lower Upper

85 100

87 32.7 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

120000

100000

80000

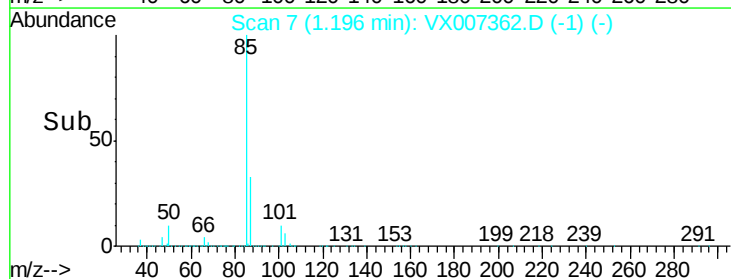
60000

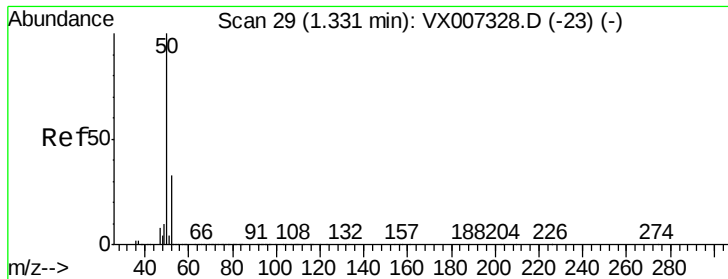
40000

20000

0

Time-->





#3

Chloromethane

Concen: 20.740 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007362.D

Acq: 04 Feb 2019 16:29

Instrument :

MSVOA_X

ClientSampleId :

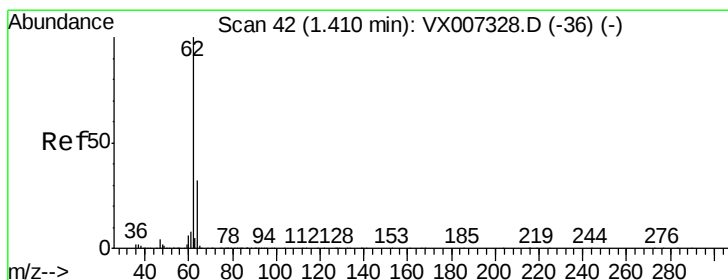
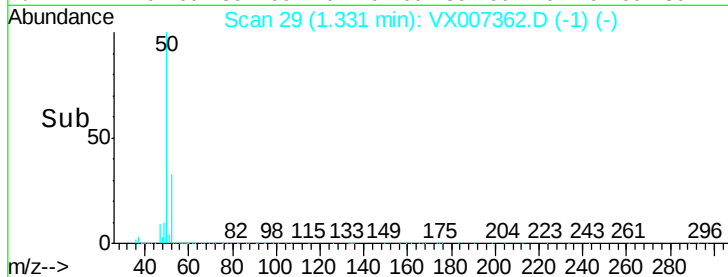
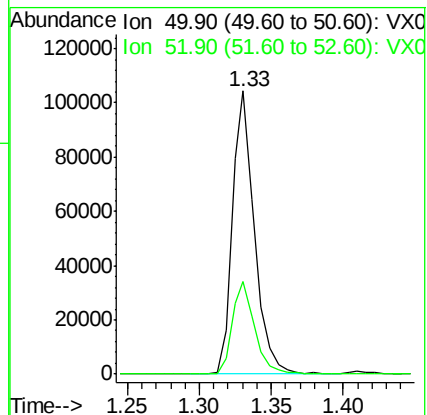
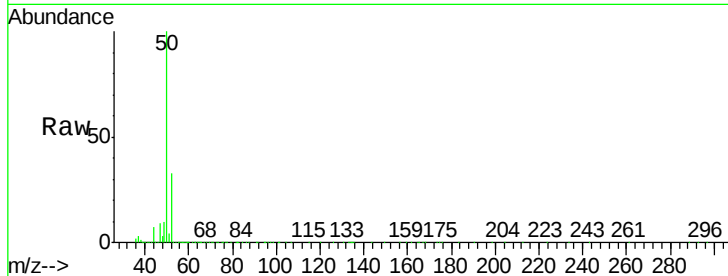
VX0204WBSD01

Tot Ion: 50 Resp: 111764

Ion Ratio Lower Upper

50 100

52 32.8 26.1 39.1



#4

Vinyl Chloride

Concen: 21.656 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007362.D

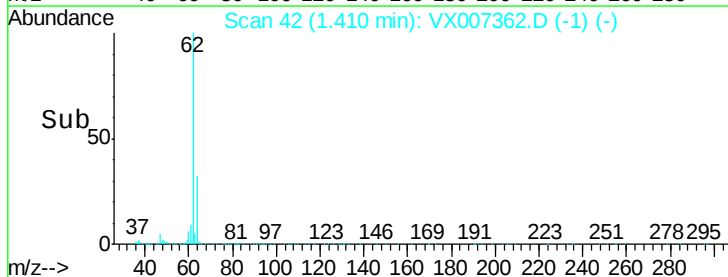
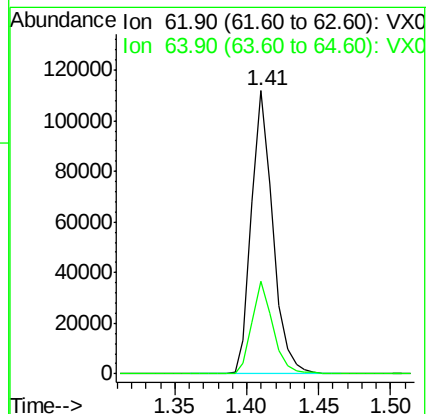
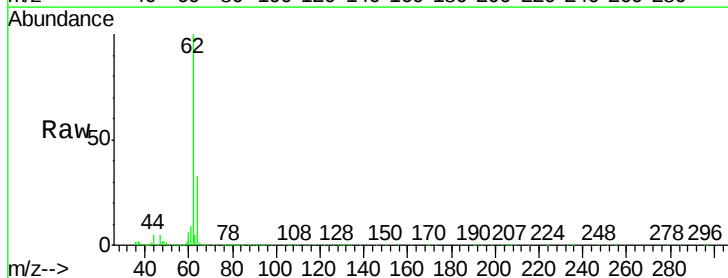
Acq: 04 Feb 2019 16:29

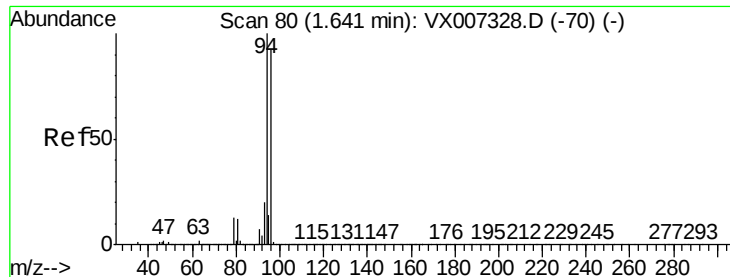
Tgt Ion: 62 Resp: 114491

Ion Ratio Lower Upper

62 100

64 32.5 25.4 38.0





#5

Bromomethane

Concen: 19.880 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007362.D

Acq: 04 Feb 2019 16:29

Instrument :

MSVOA_X

ClientSampleId :

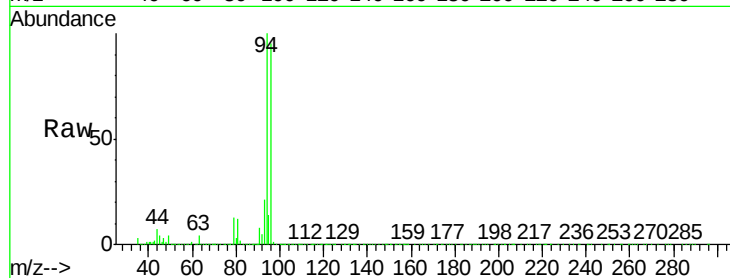
VX0204WBSD01

Tot Ion: 94 Resp: 105464

Ion Ratio Lower Upper

94 100

96 94.7 73.9 110.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

120000

100000

80000

60000

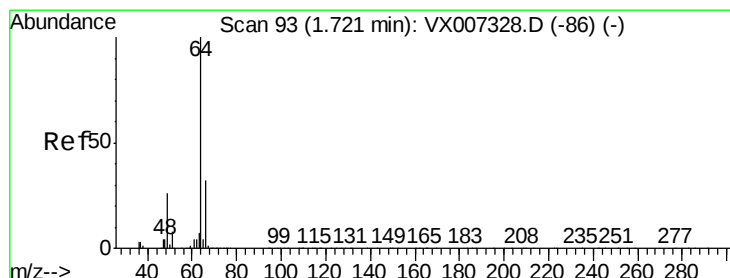
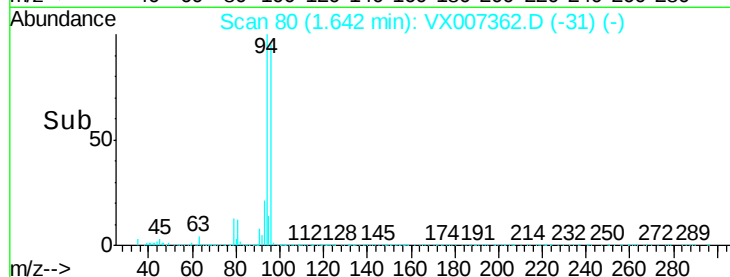
40000

20000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 20.477 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX007362.D

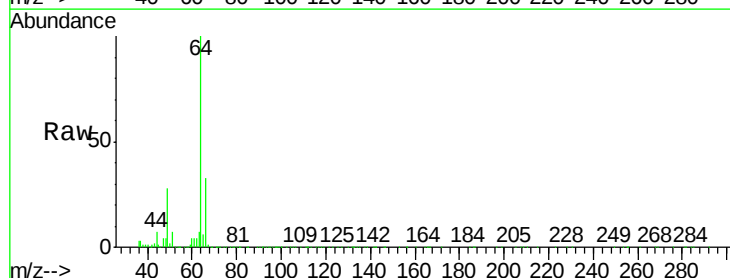
Acq: 04 Feb 2019 16:29

Tgt Ion: 64 Resp: 70031

Ion Ratio Lower Upper

64 100

66 32.2 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

50000

40000

30000

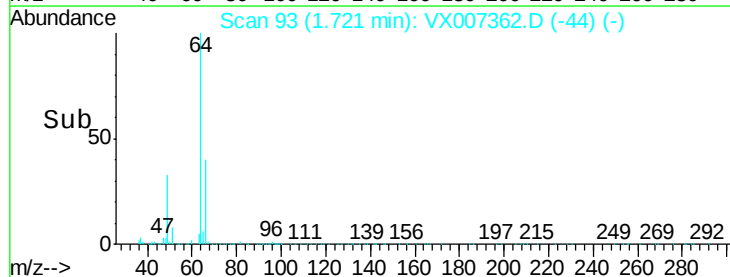
20000

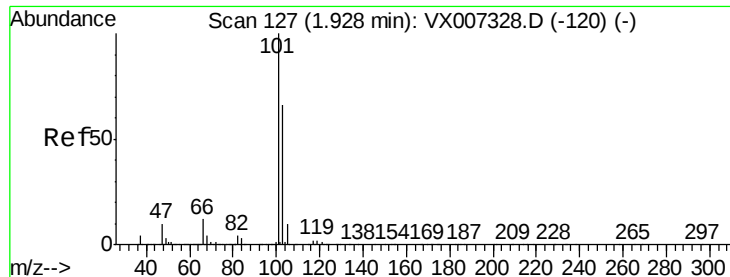
10000

0

Time-->

1.65 1.70 1.75 1.80



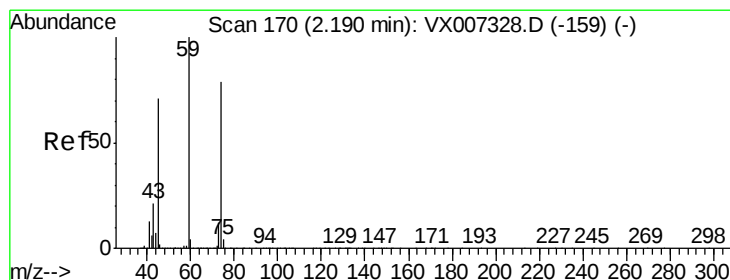
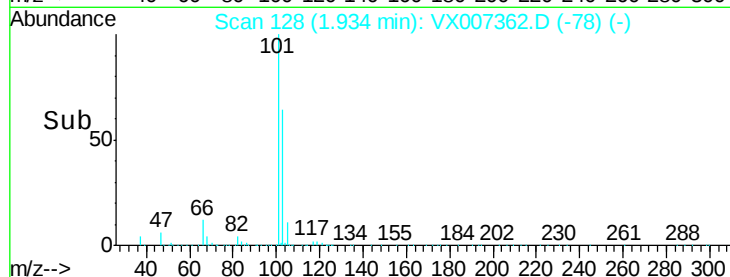
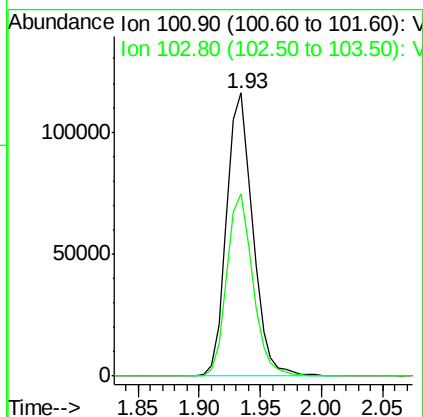
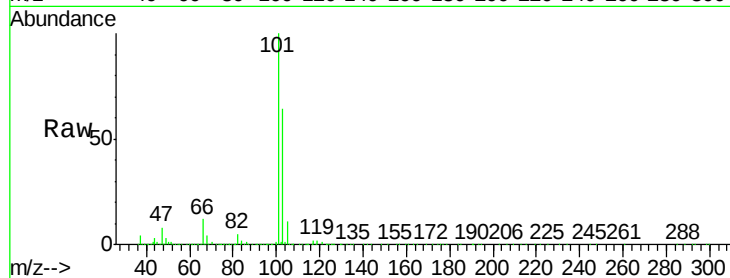


#7

Trichlorofluoromethane
Concen: 20.814 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007362.D
Acq: 04 Feb 2019 16:29

Instrument :
MSVOA_X
ClientSampled :
VX0204WBSD01

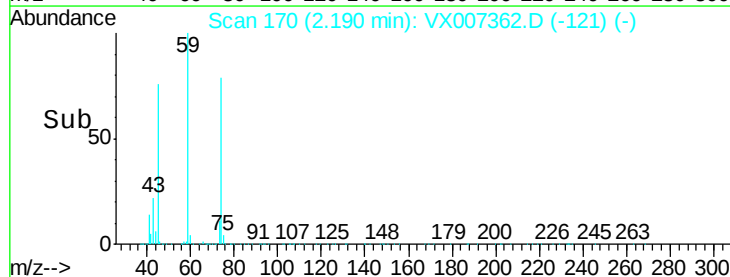
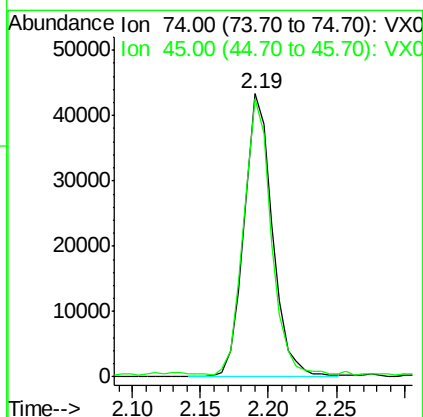
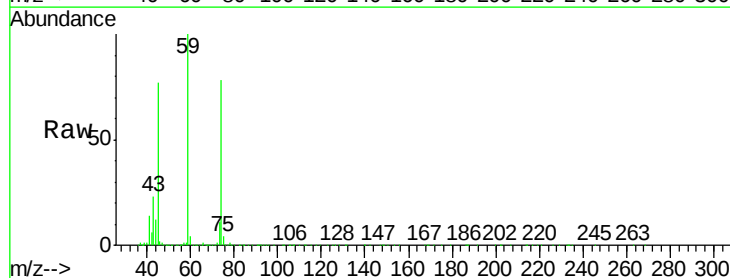
Tot Ion:101 Resp: 172133
Ion Ratio Lower Upper
101 100
103 64.4 52.6 79.0

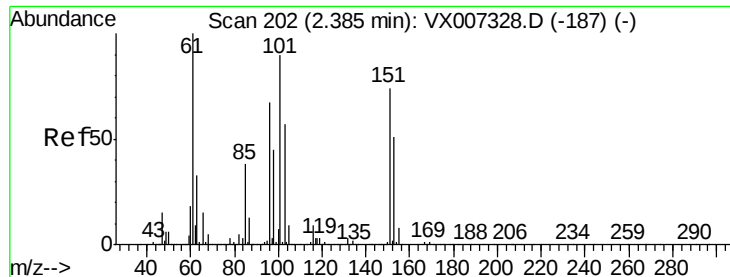


#8

Diethyl Ether
Concen: 20.249 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007362.D
Acq: 04 Feb 2019 16:29

Tgt Ion: 74 Resp: 63032
Ion Ratio Lower Upper
74 100
45 94.3 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.403 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX007362.D

Acq: 04 Feb 2019 16:29

Instrument :

MSVOA_X

ClientSampleId :

VX0204WBSD01

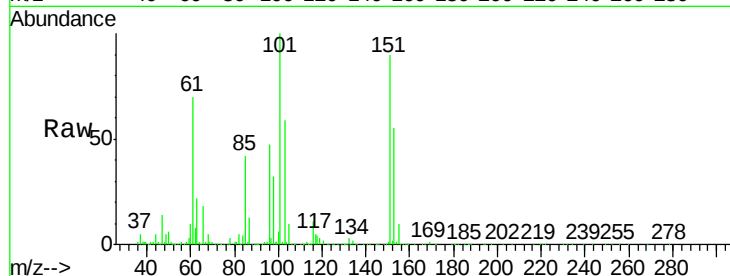
Tot Ion:101 Resp: 95451

Ion Ratio Lower Upper

101 100

85 43.8 34.1 51.1

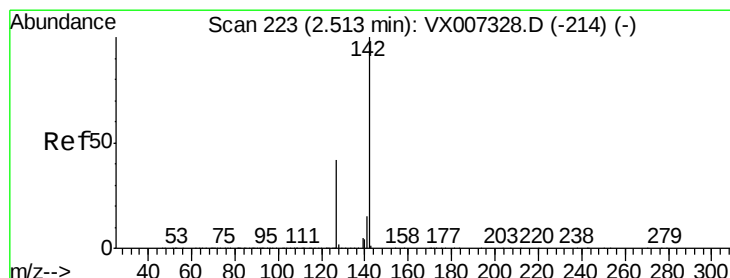
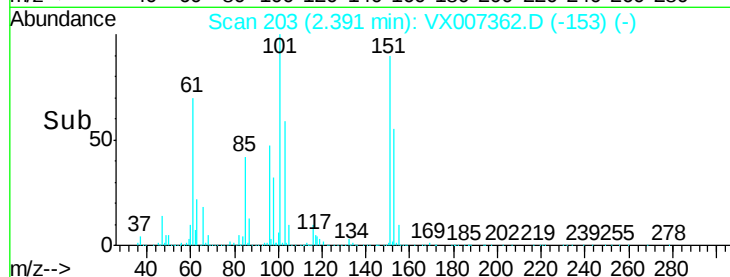
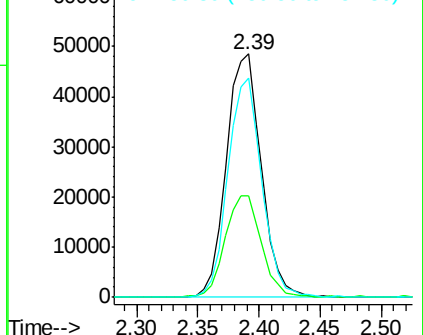
151 88.0 69.9 104.9



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



#10

Methyl Iodide

Concen: 20.128 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX007362.D

Acq: 04 Feb 2019 16:29

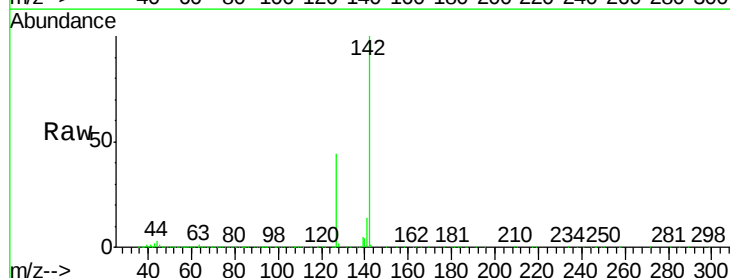
Tgt Ion:142 Resp: 145661

Ion Ratio Lower Upper

142 100

127 42.9 33.7 50.5

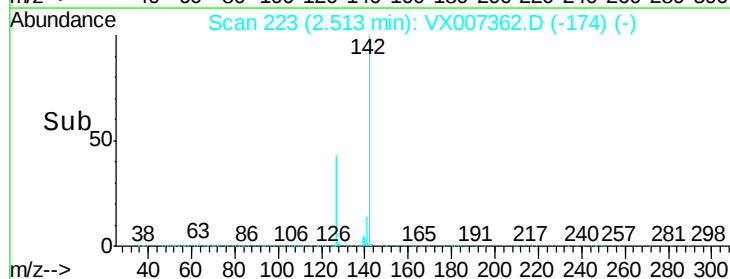
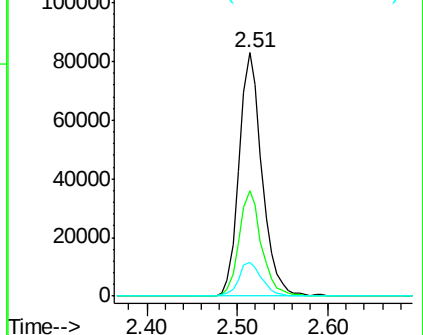
141 14.3 11.3 16.9

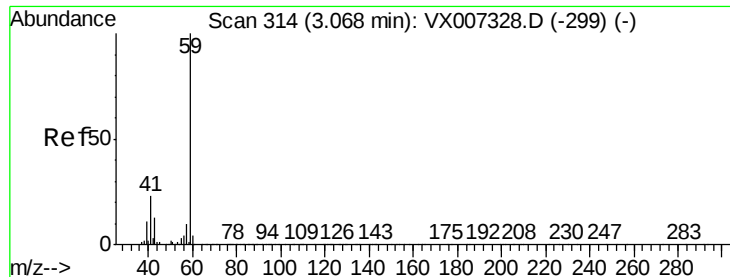


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



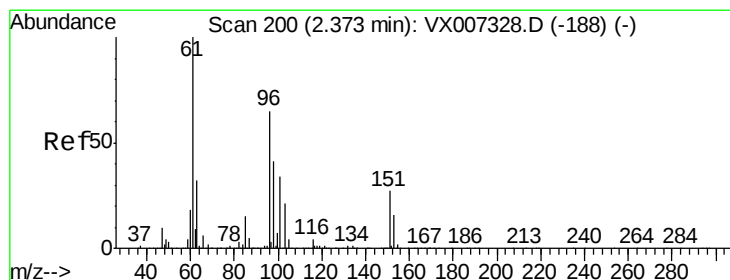
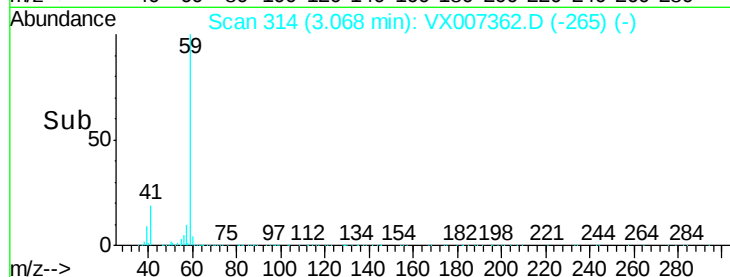
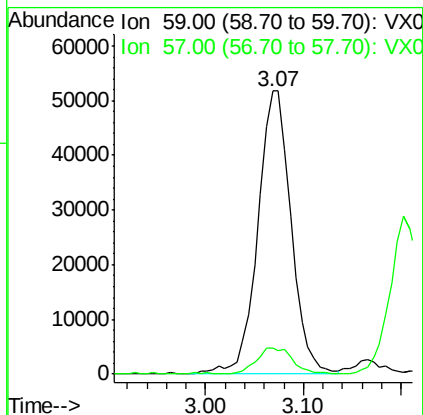
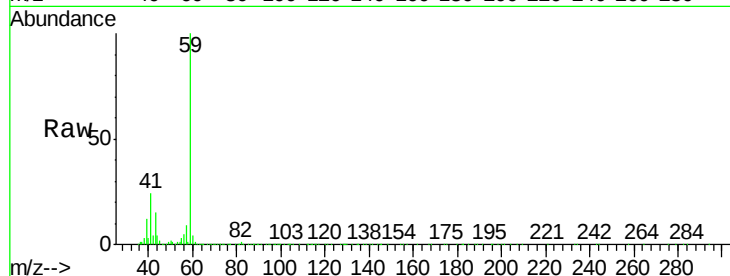


#11

Tert butyl alcohol
Concen: 115.382 ug/l
RT: 3.07 min Scan# 314
Delta R.T. 0.00 min
Lab File: VX007362.D
Acq: 04 Feb 2019 16:29

Instrument :
MSVOA_X
ClientSampleId :
VX0204WBSD01

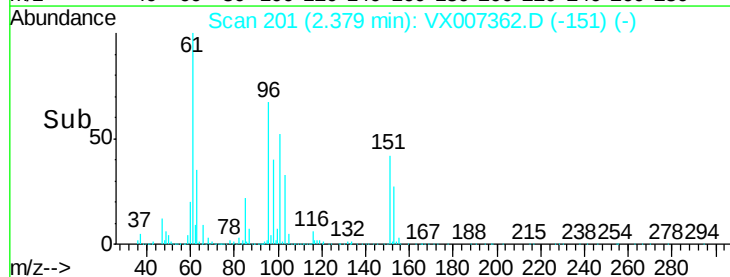
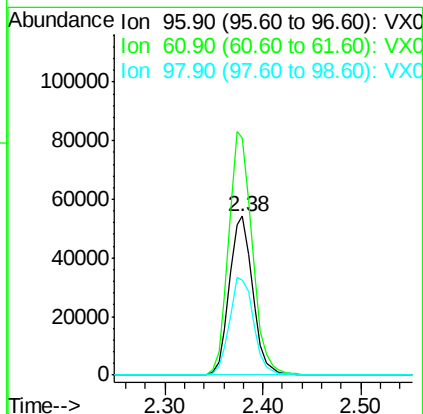
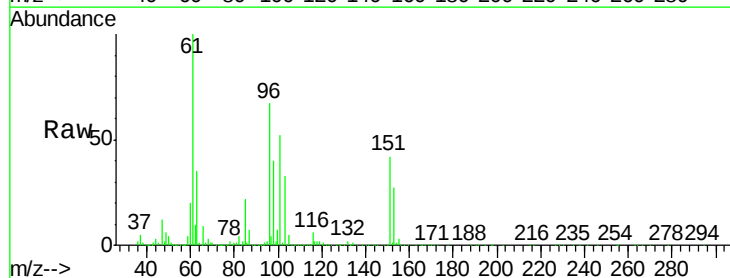
Tot Ion: 59 Resp: 121260
Ion Ratio Lower Upper
59 100
57 10.4 8.1 12.1

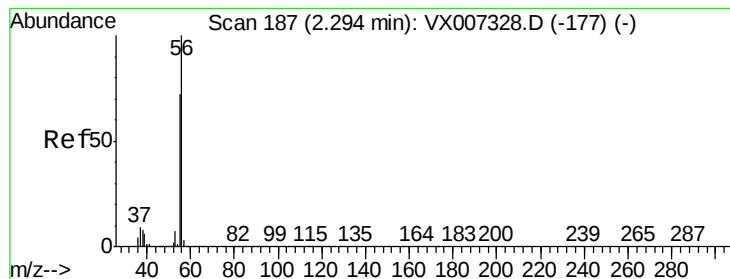


#12

1,1-Dichloroethene
Concen: 19.765 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007362.D
Acq: 04 Feb 2019 16:29

Tgt Ion: 96 Resp: 90289
Ion Ratio Lower Upper
96 100
61 149.4 123.0 184.4
98 59.9 50.9 76.3





#13

Acrolein

Concen: 126.741 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX007362.D

Acq: 04 Feb 2019 16:29

Instrument :

MSVOA_X

ClientSampleId :

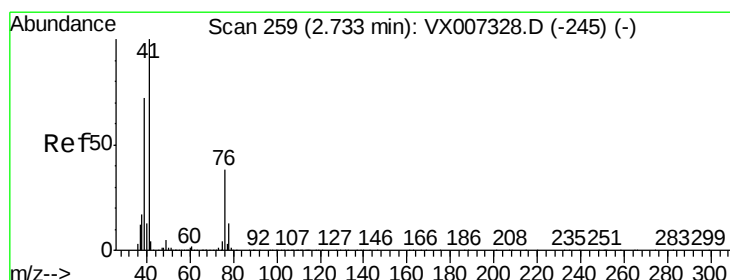
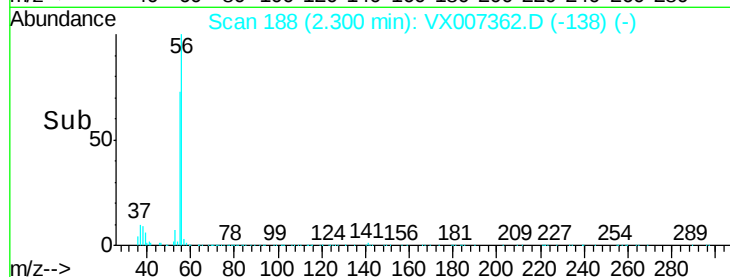
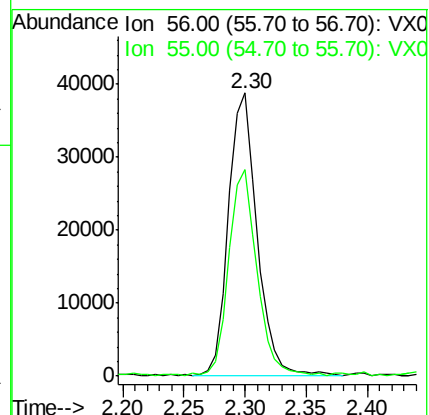
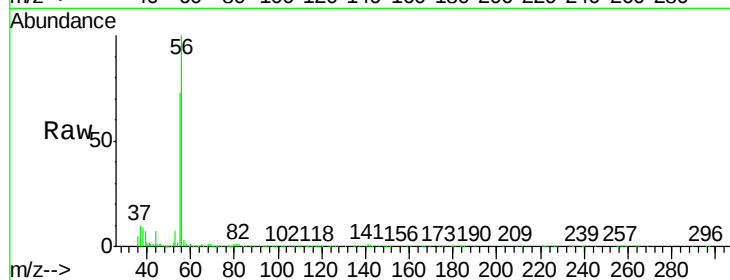
VX0204WBSD01

Tot Ion: 56 Resp: 62460

Ion Ratio Lower Upper

56 100

55 70.9 56.9 85.3



#14

Allyl chloride

Concen: 20.557 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.00 min

Lab File: VX007362.D

Acq: 04 Feb 2019 16:29

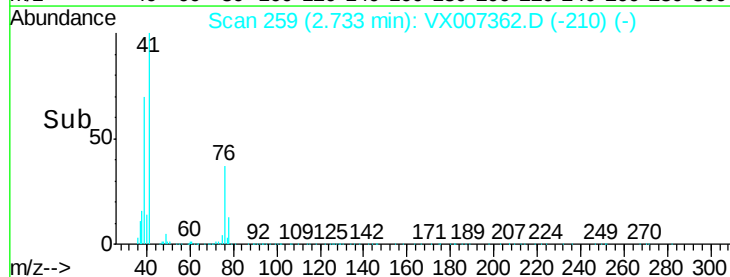
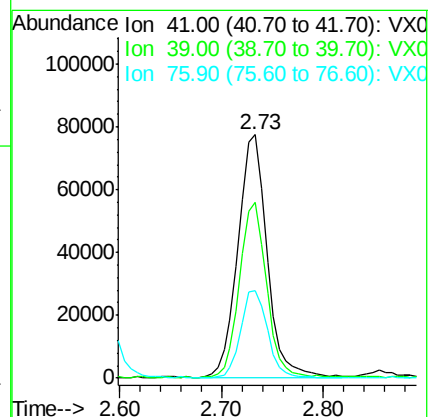
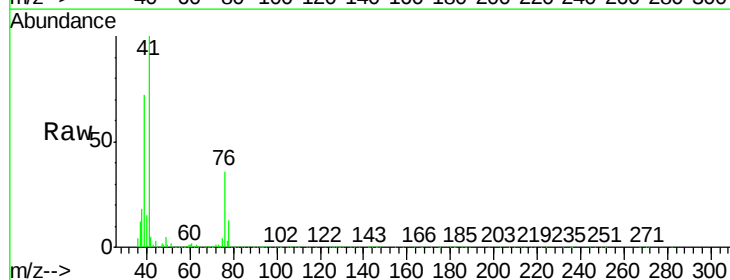
Tgt Ion: 41 Resp: 153007

Ion Ratio Lower Upper

41 100

39 66.6 54.1 81.1

76 33.6 27.8 41.8





#15

Acrylonitrile

Concen: 105.952 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX007362.D

Acq: 04 Feb 2019 16:29

Instrument :

MSVOA_X

ClientSampleId :

VX0204WBSD01

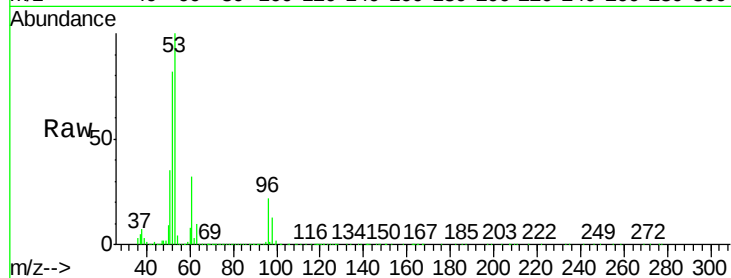
Tot Ion: 53 Resp: 275457

Ion Ratio Lower Upper

53 100

52 83.4 66.4 99.6

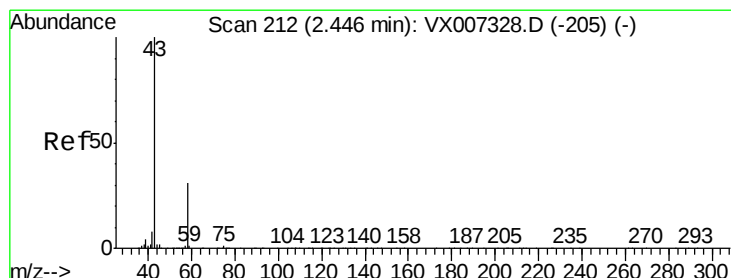
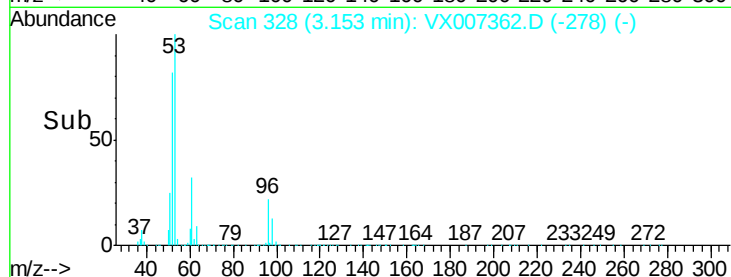
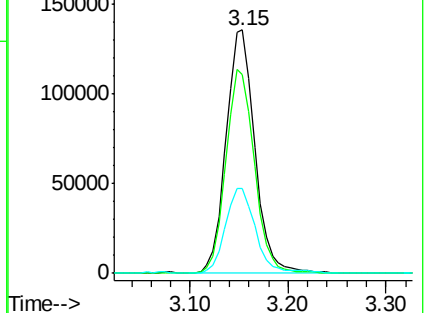
51 36.6 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 104.594 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007362.D

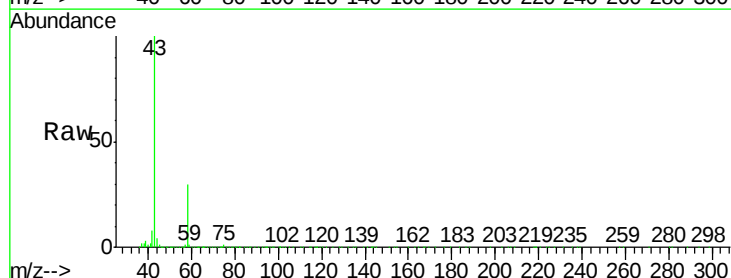
Acq: 04 Feb 2019 16:29

Tgt Ion: 43 Resp: 243309

Ion Ratio Lower Upper

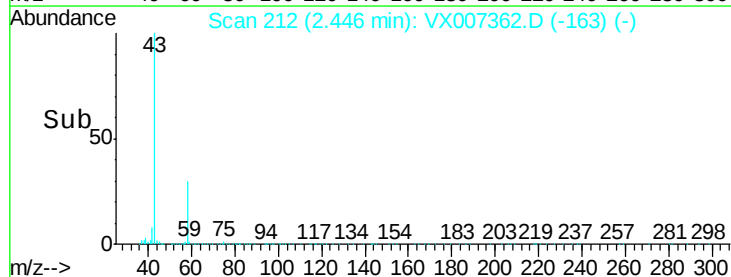
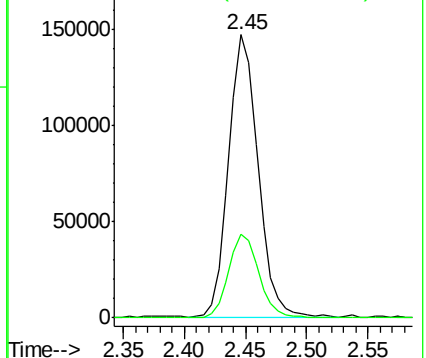
43 100

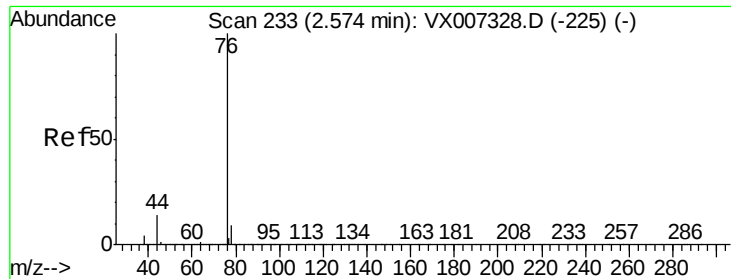
58 29.5 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 19.991 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX007362.D

Acq: 04 Feb 2019 16:29

Instrument :

MSVOA_X

ClientSampleId :

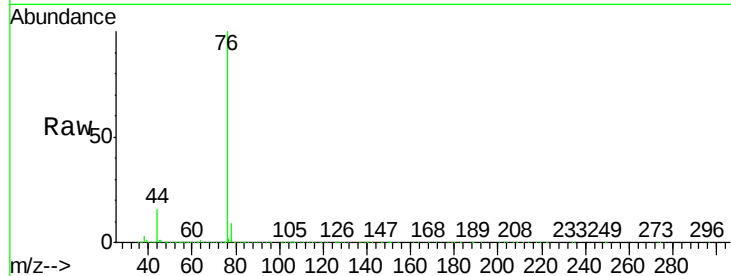
VX0204WBSD01

Tot Ion: 76 Resp: 222921

Ion Ratio Lower Upper

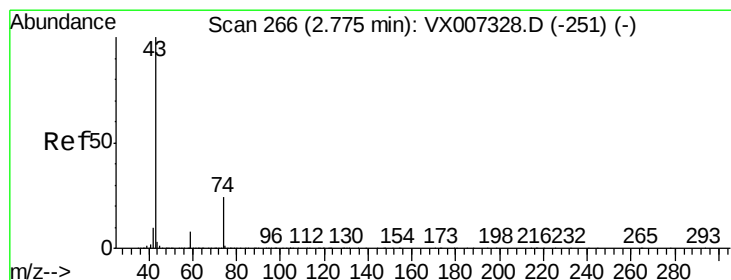
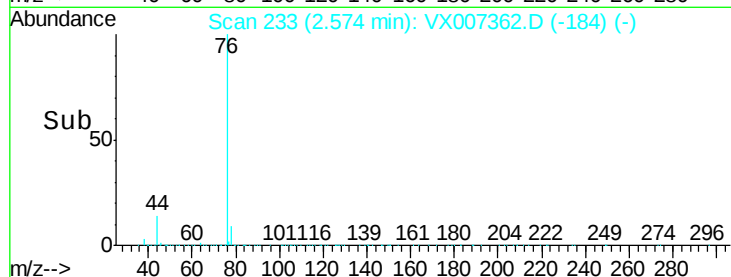
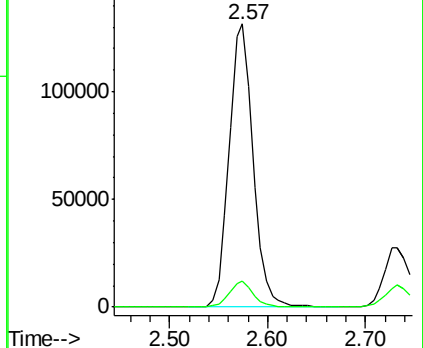
76 100

78 9.0 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 27.125 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX007362.D

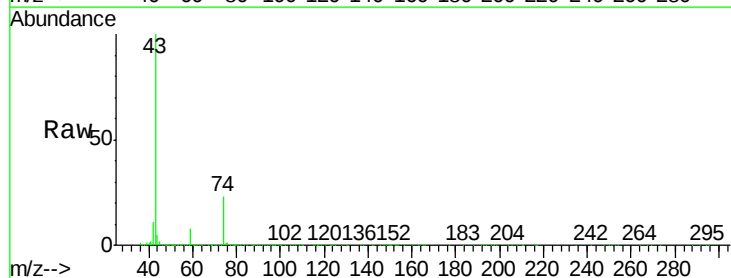
Acq: 04 Feb 2019 16:29

Tgt Ion: 43 Resp: 162742

Ion Ratio Lower Upper

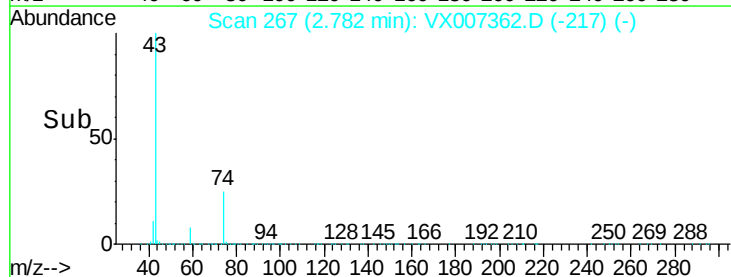
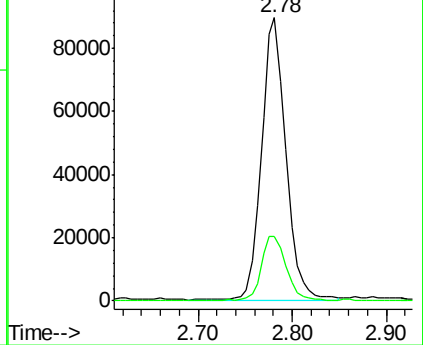
43 100

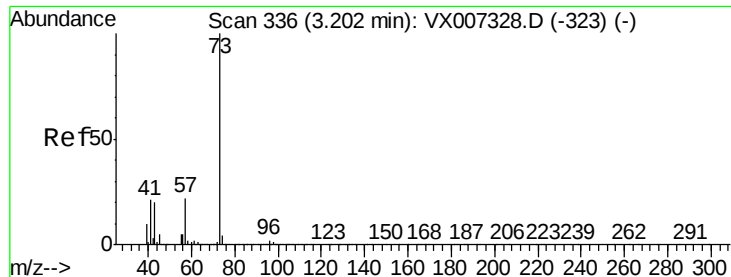
74 23.4 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

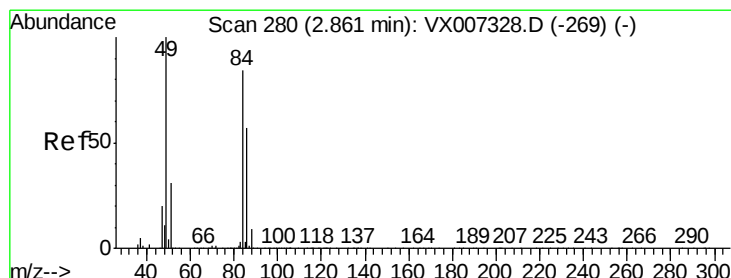
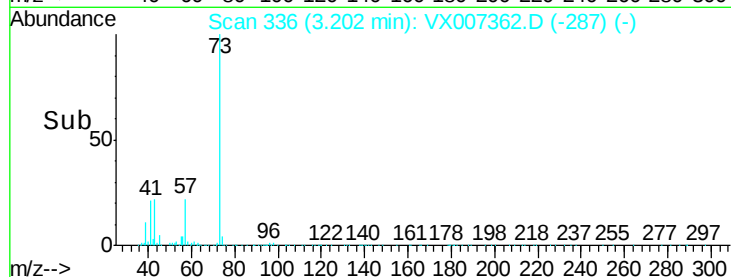
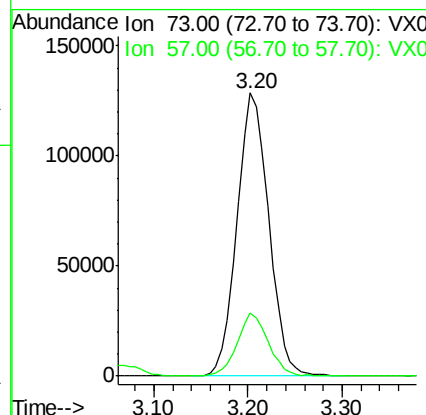
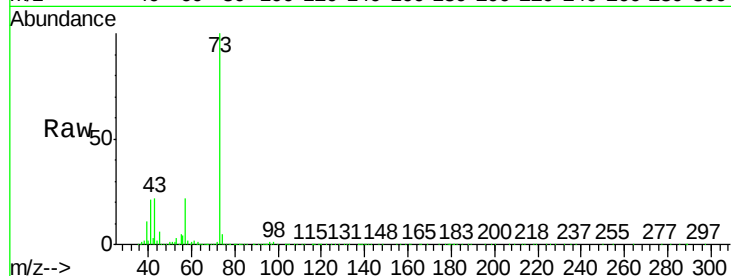




#19
Methyl tert-butyl Ether
Concen: 20.325 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX007362.D
Acq: 04 Feb 2019 16:29

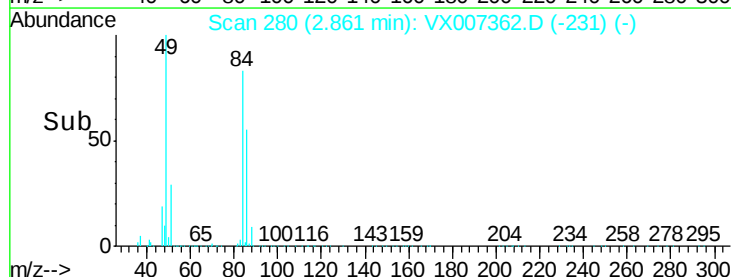
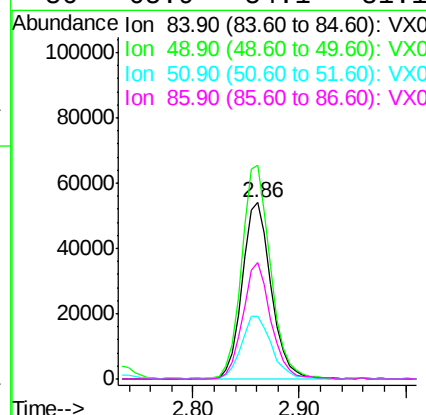
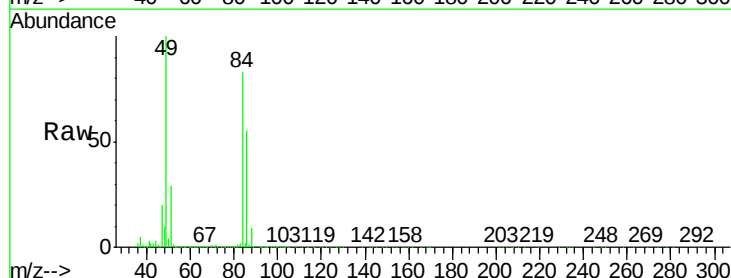
Instrument :
MSVOA_X
ClientSampleId :
VX0204WBSD01

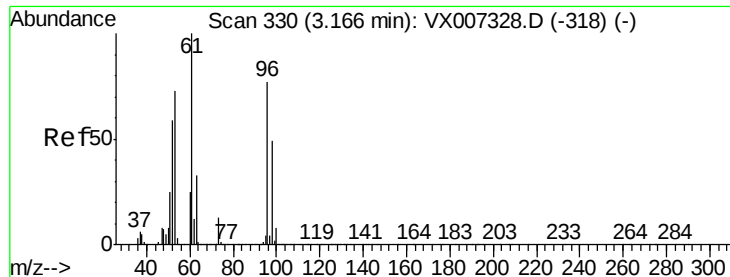
Tot Ion: 73 Resp: 300797
Ion Ratio Lower Upper
73 100
57 22.4 17.8 26.8



#20
Methylene Chloride
Concen: 21.509 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007362.D
Acq: 04 Feb 2019 16:29

Tgt Ion: 84 Resp: 103264
Ion Ratio Lower Upper
84 100
49 120.8 94.8 142.2
51 35.2 29.8 44.8
86 65.9 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 19.716 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007362.D

Acq: 04 Feb 2019 16:29

Instrument :

MSVOA_X

ClientSampleId :

VX0204WBSD01

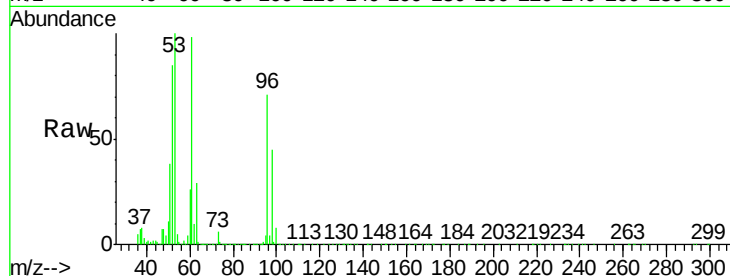
Tot Ion: 96 Resp: 95943

Ion Ratio Lower Upper

96 100

61 138.2 104.6 156.8

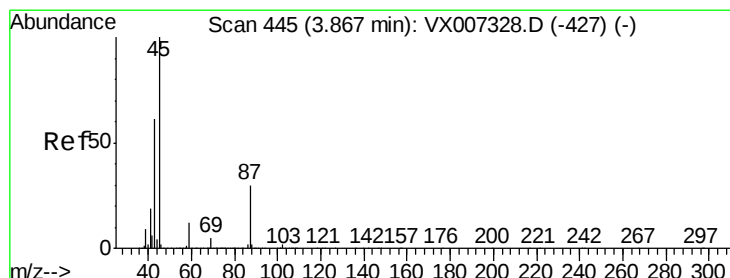
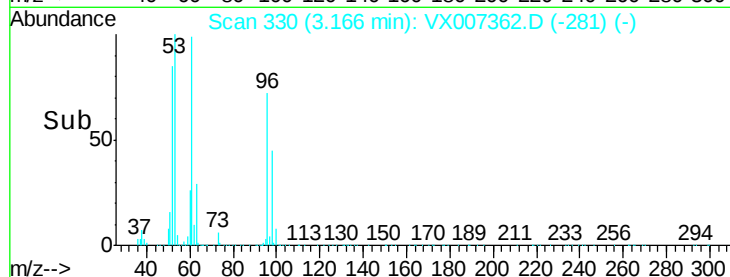
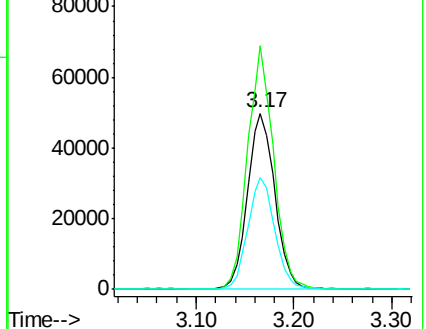
98 63.5 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.548 ug/l

RT: 3.87 min Scan# 445

Delta R.T. 0.00 min

Lab File: VX007362.D

Acq: 04 Feb 2019 16:29

Tgt Ion: 45 Resp: 281328

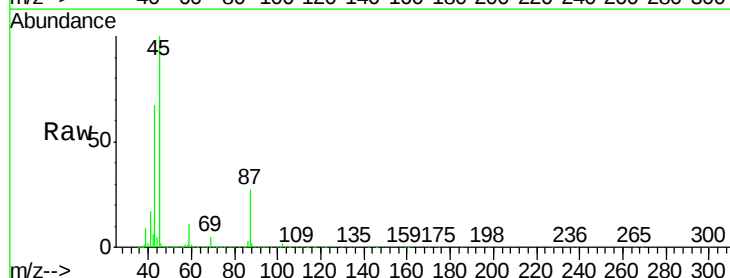
Ion Ratio Lower Upper

45 100

43 66.4 48.9 73.3

87 27.4 23.9 35.9

59 11.2 9.6 14.4

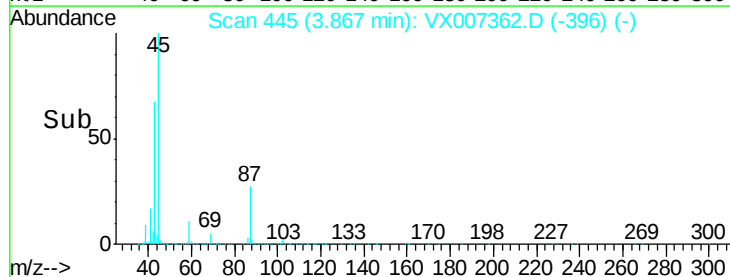
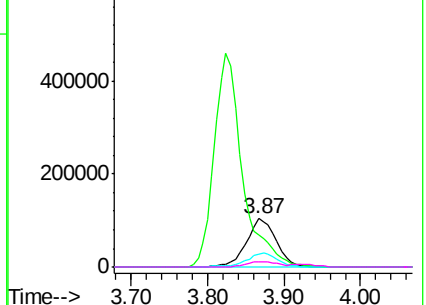


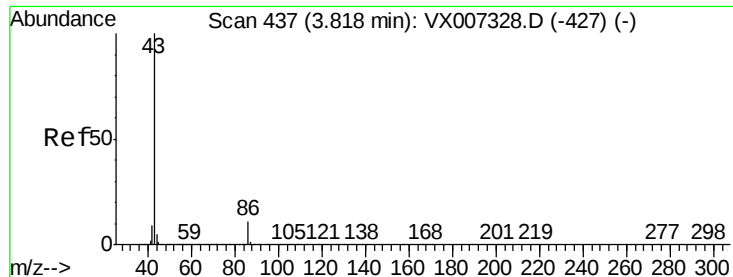
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 103.806 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007362.D

Acq: 04 Feb 2019 16:29

Instrument :

MSVOA_X

ClientSampleID :

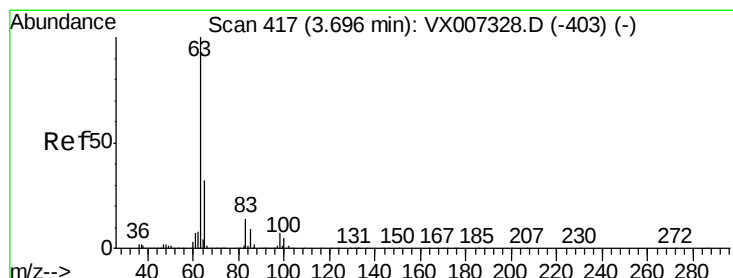
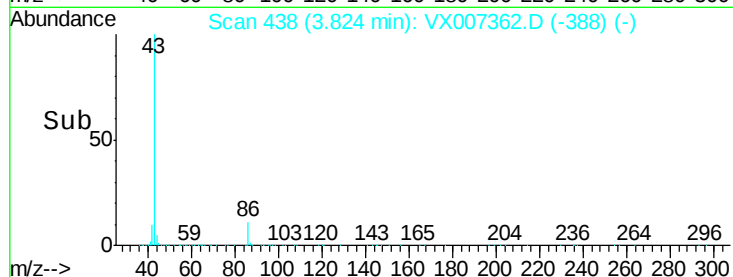
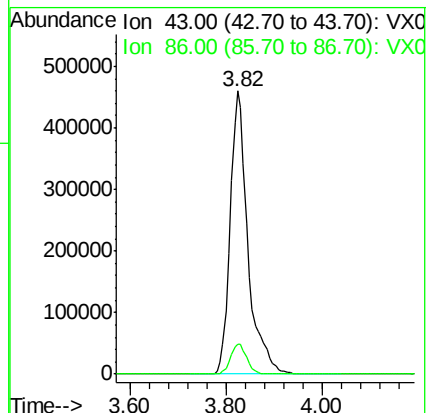
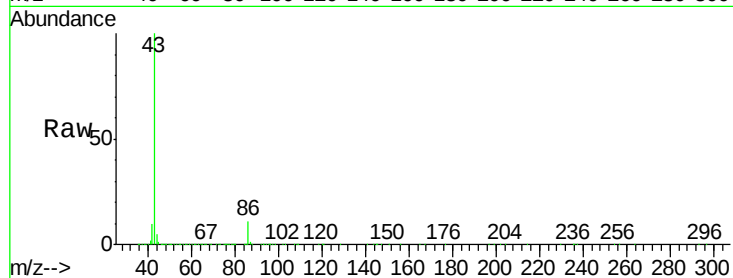
VX0204WBSD01

Tot Ion: 43 Resp: 1179380

Ion Ratio Lower Upper

43 100

86 10.8 8.7 13.1



#24

1,1-Dichloroethane

Concen: 19.976 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007362.D

Acq: 04 Feb 2019 16:29

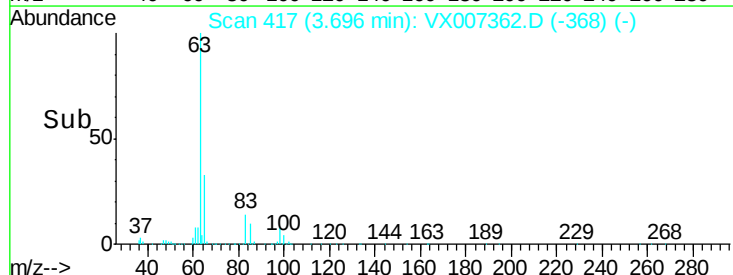
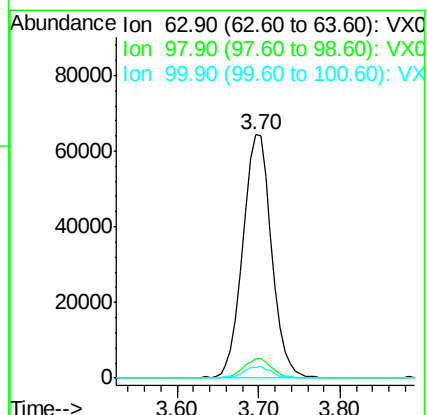
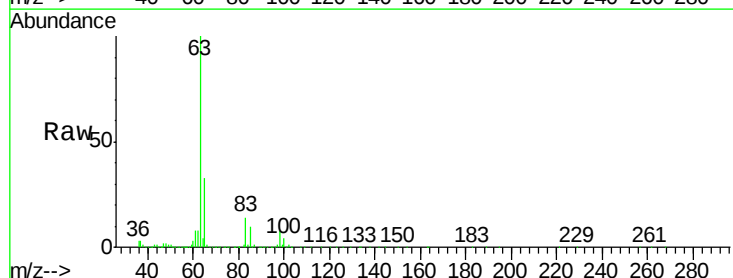
Tgt Ion: 63 Resp: 157063

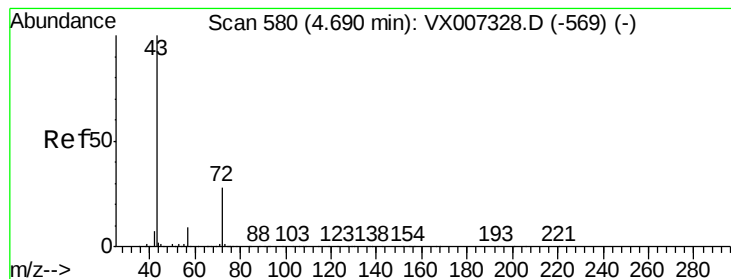
Ion Ratio Lower Upper

63 100

98 7.8 3.6 10.8

100 4.4 2.5 7.4





#25

2-Butanone

Concen: 106.483 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX007362.D

Acq: 04 Feb 2019 16:29

Instrument :

MSVOA_X

ClientSampleId :

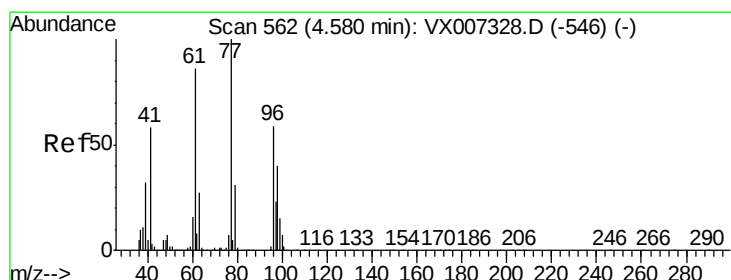
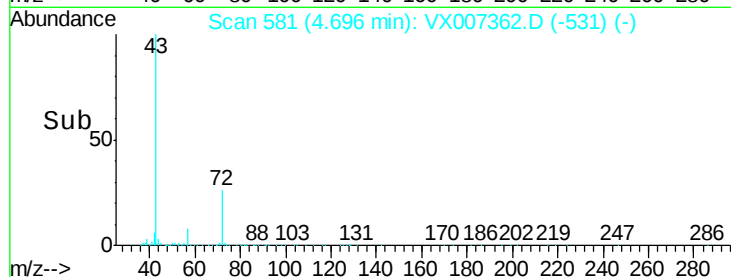
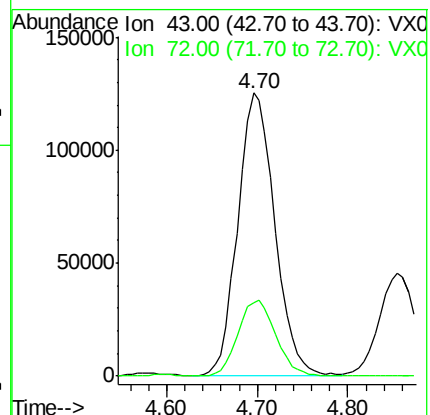
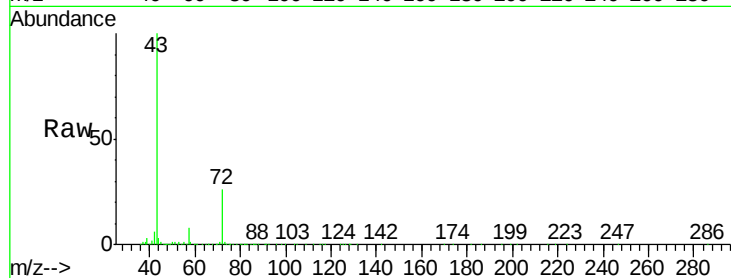
VX0204WBSD01

Tot Ion: 43 Resp: 352511

Ion Ratio Lower Upper

43 100

72 26.0 22.2 33.2



#26

2,2-Dichloropropane

Concen: 17.256 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX007362.D

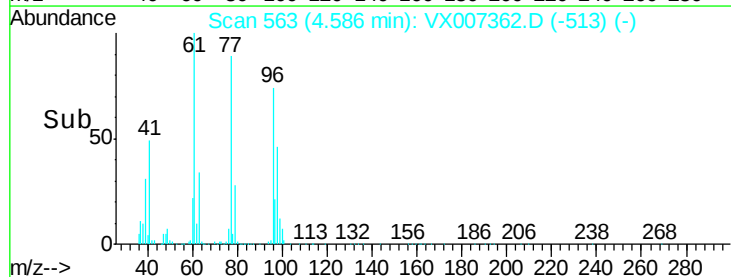
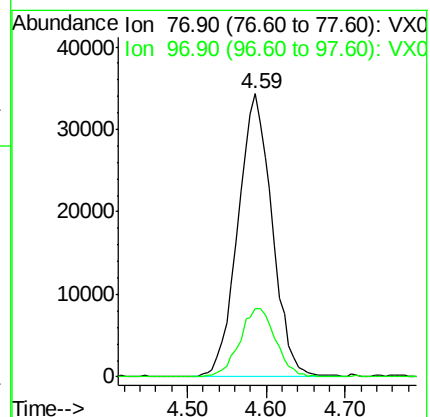
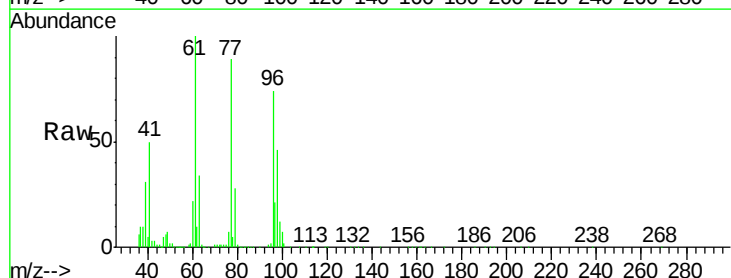
Acq: 04 Feb 2019 16:29

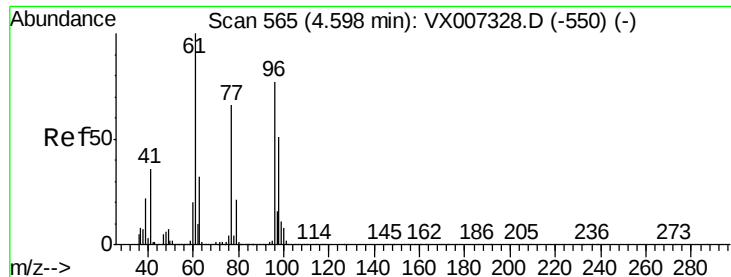
Tgt Ion: 77 Resp: 103325

Ion Ratio Lower Upper

77 100

97 25.4 12.1 36.3



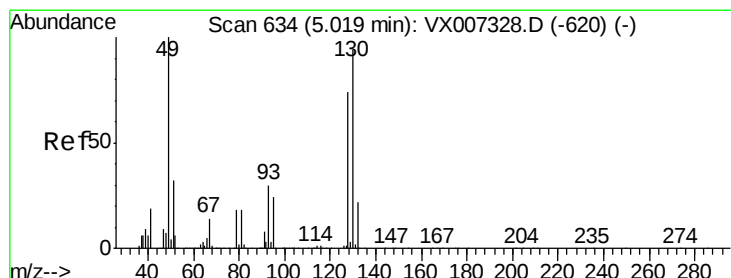
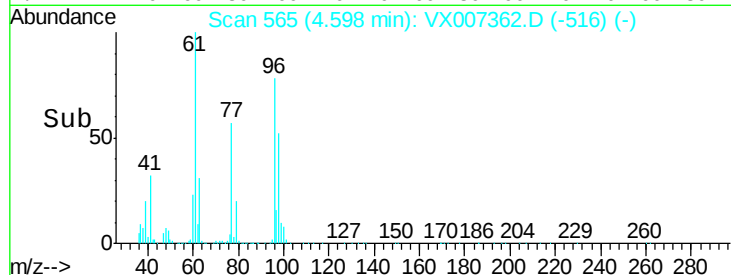
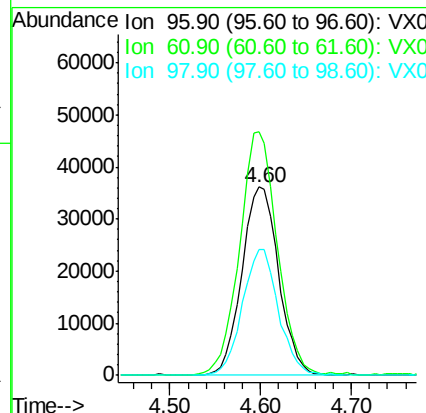
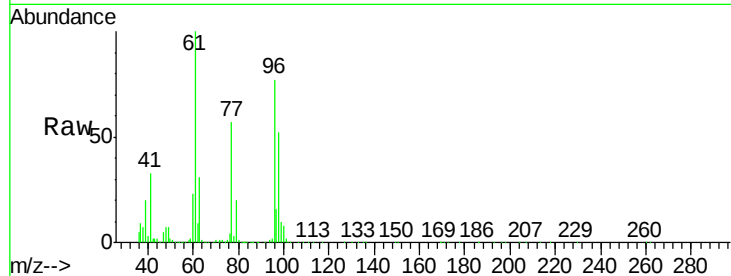


#27

cis-1,2-Dichloroethene
 Concen: 19.118 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX007362.D
 Acq: 04 Feb 2019 16:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0204WBSD01

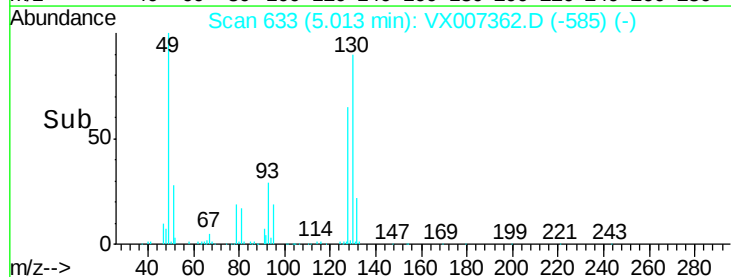
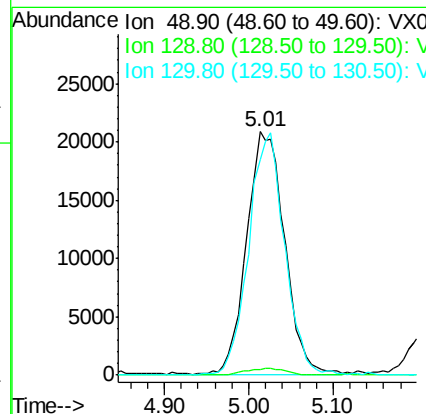
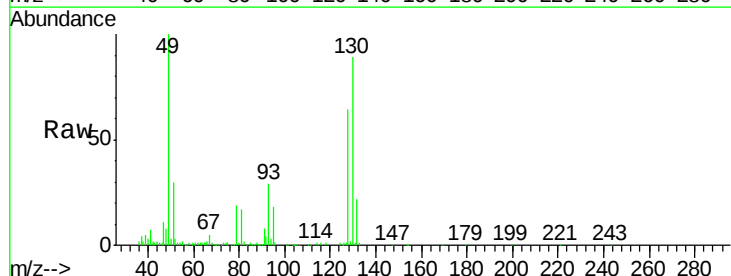
Tot Ion	Ratio	Lower	Upper
96	100		
61	132.0	0.0	265.6
98	65.6	0.0	131.6

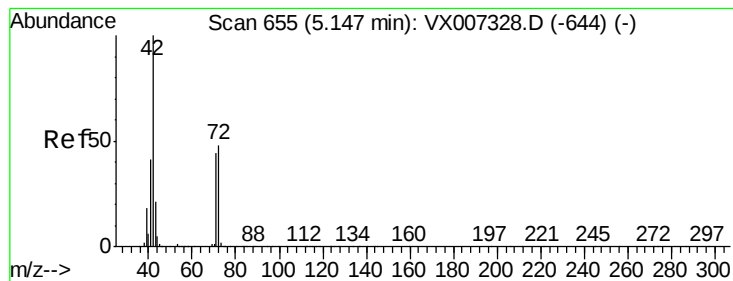


#28

Bromochloromethane
 Concen: 17.509 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX007362.D
 Acq: 04 Feb 2019 16:29

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	5.6
130	94.9	75.6	113.4





#29

Tetrahydrofuran

Concen: 109.316 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.01 min

Lab File: VX007362.D

Acq: 04 Feb 2019 16:29

Instrument :

MSVOA_X

ClientSampleId :

VX0204WBSD01

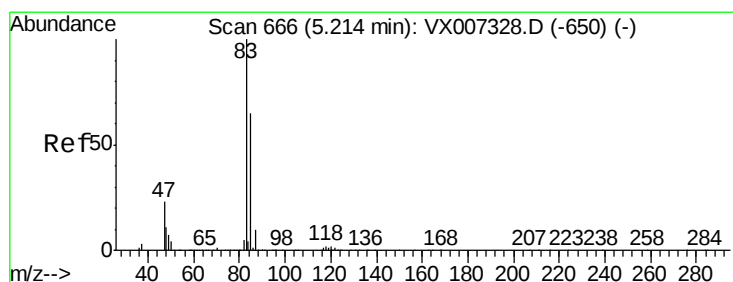
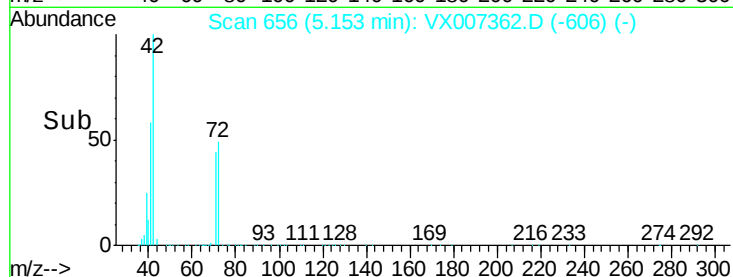
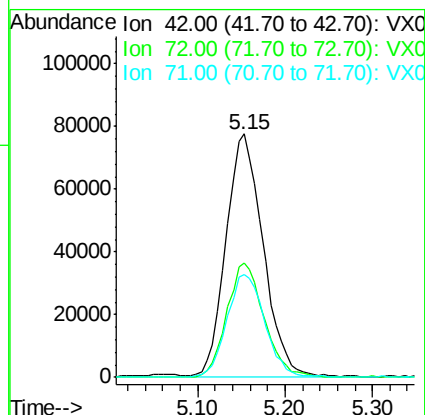
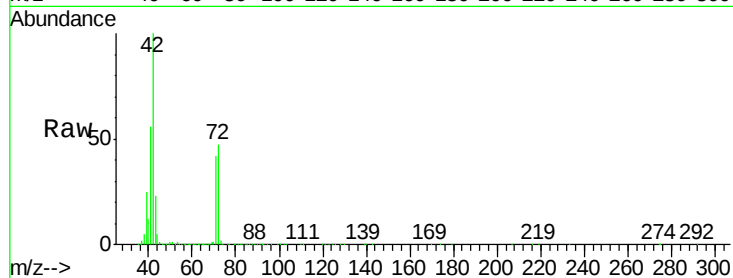
Tot Ion: 42 Resp: 227603

Ion Ratio Lower Upper

42 100

72 47.5 37.6 56.4

71 43.8 34.6 51.8



#30

Chloroform

Concen: 19.952 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX007362.D

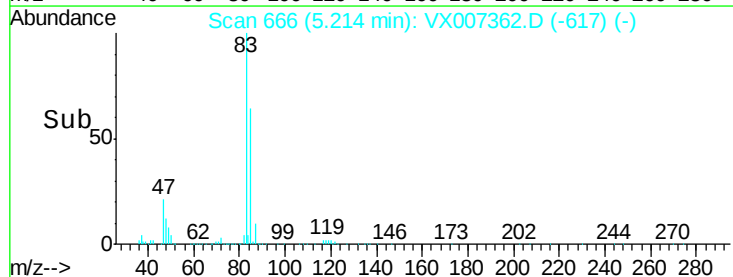
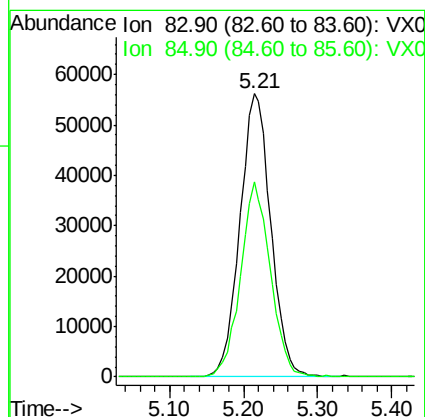
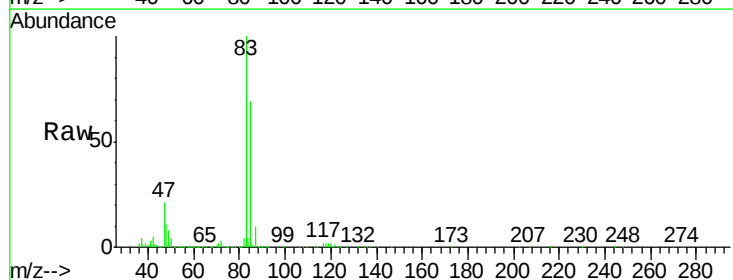
Acq: 04 Feb 2019 16:29

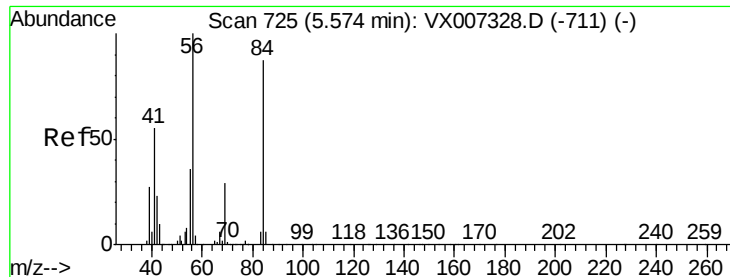
Tgt Ion: 83 Resp: 163693

Ion Ratio Lower Upper

83 100

85 68.8 51.6 77.4





#31

Cyclohexane

Concen: 19.333 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX007362.D

Acq: 04 Feb 2019 16:29

Instrument :

MSVOA_X

ClientSampleId :

VX0204WBSD01

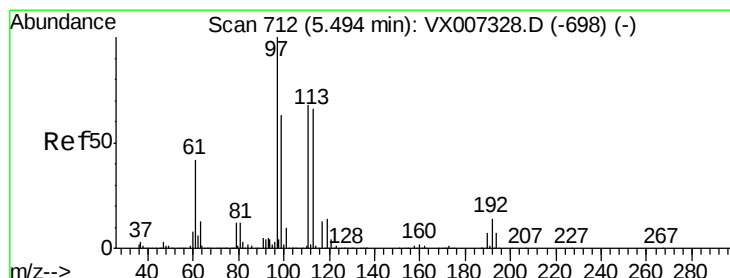
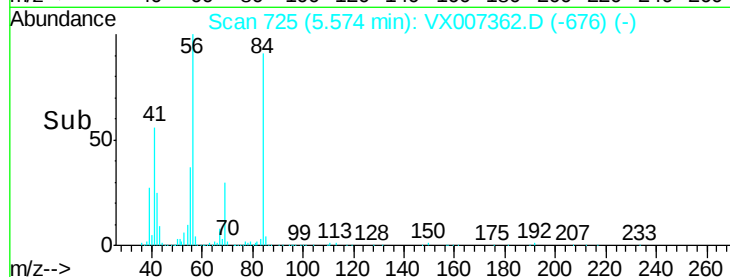
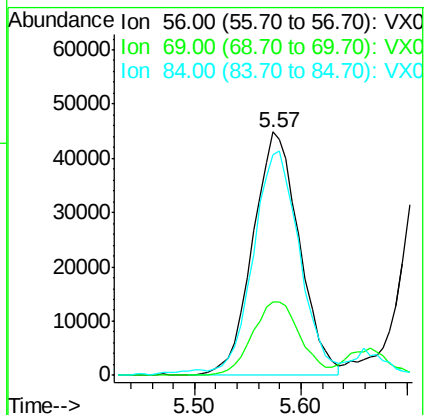
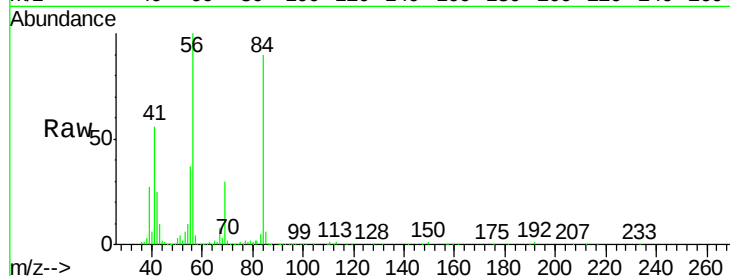
Tot Ion: 56 Resp: 136521

Ion Ratio Lower Upper

56 100

69 30.0 23.0 34.6

84 88.6 69.8 104.6



#32

1,1,1-Trichloroethane

Concen: 20.245 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX007362.D

Acq: 04 Feb 2019 16:29

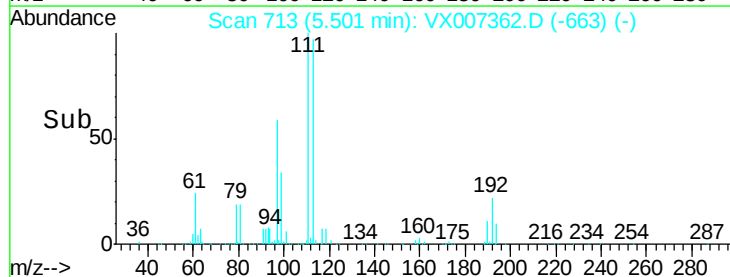
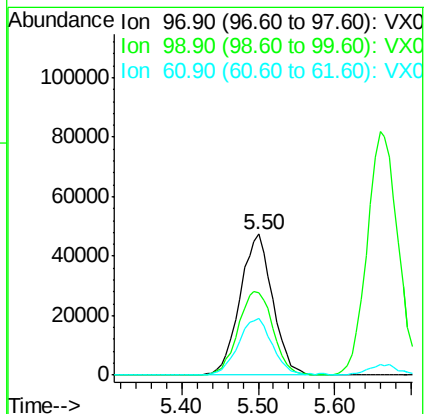
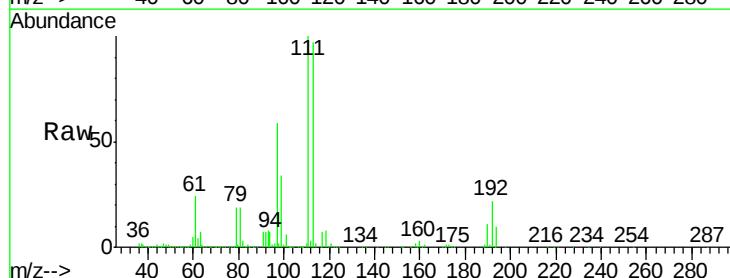
Tgt Ion: 97 Resp: 140206

Ion Ratio Lower Upper

97 100

99 63.6 52.2 78.2

61 41.7 32.7 49.1

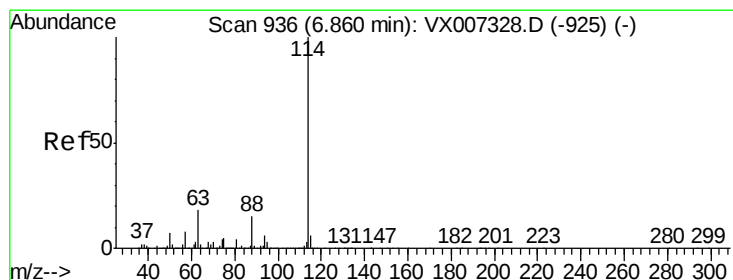
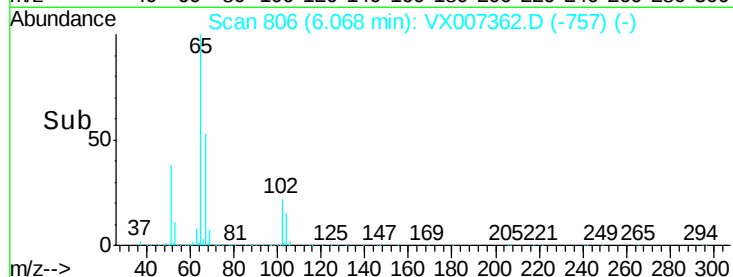
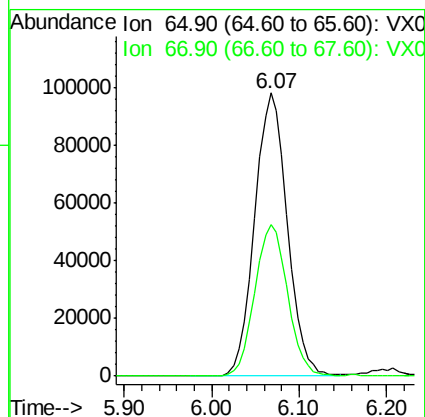
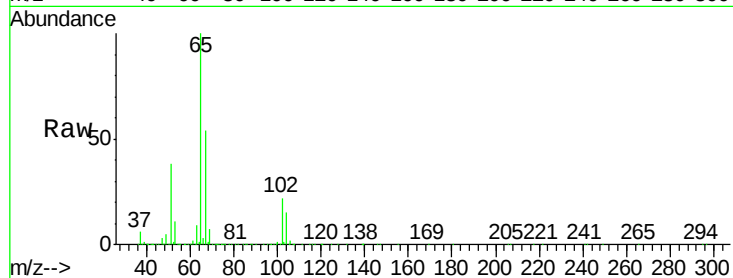




#33
 1,2-Dichloroethane-d4
 Concen: 50.040 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007362.D
 Acq: 04 Feb 2019 16:29

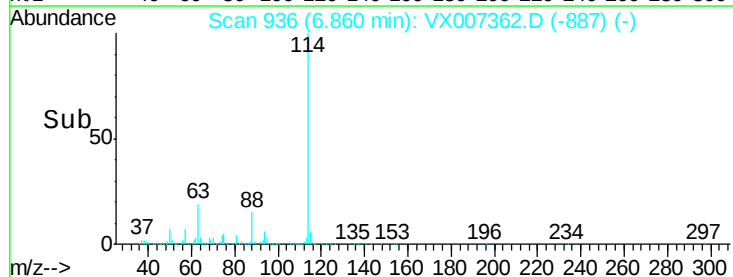
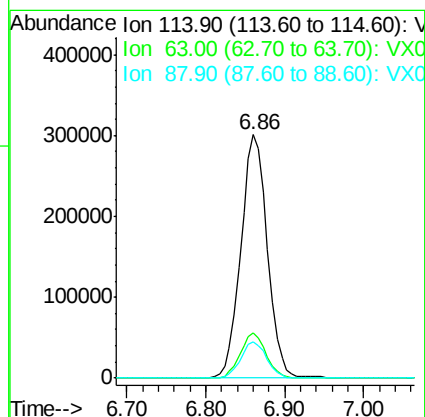
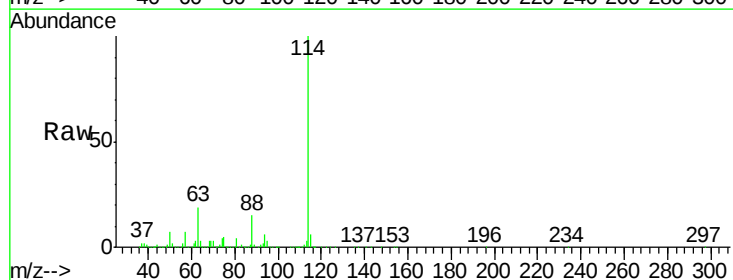
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0204WBSD01

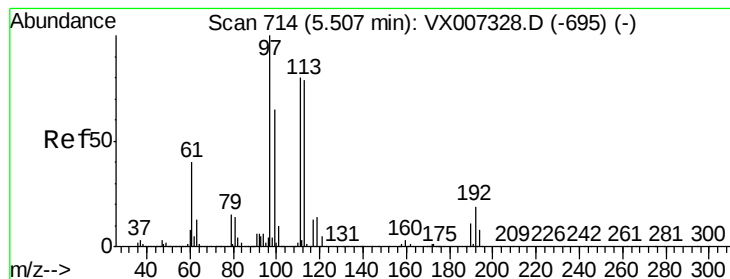
Tot Ion: 65 Resp: 254115
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007362.D
 Acq: 04 Feb 2019 16:29

Tgt Ion: 114 Resp: 702000
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 35.6
 88 14.6 0.0 29.6





#35

Dibromofluoromethane

Concen: 50.466 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.00 min

Lab File: VX007362.D

Acq: 04 Feb 2019 16:29

Instrument :

MSVOA_X

ClientSampleId :

VX0204WBSD01

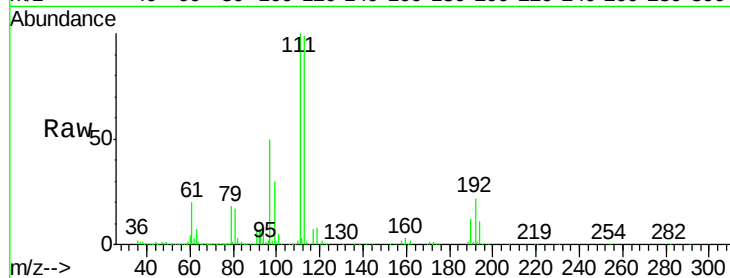
Tot Ion:113 Resp: 230514

Ion Ratio Lower Upper

113 100

111 102.7 81.8 122.8

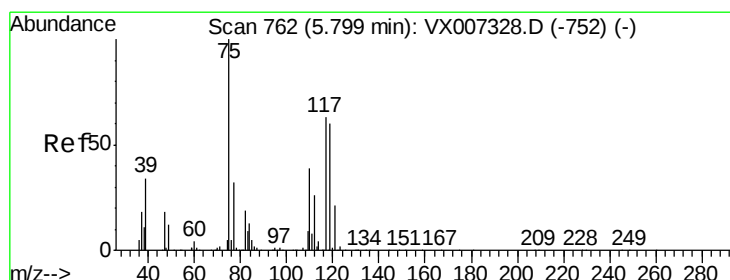
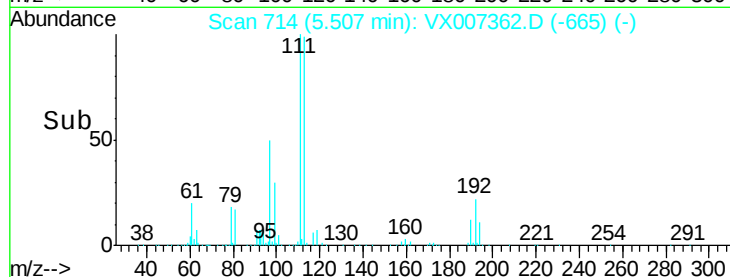
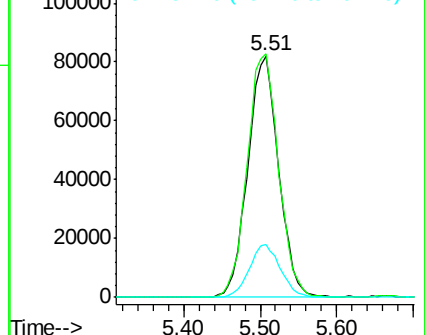
192 22.1 18.5 27.7



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: 18.806 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX007362.D

Acq: 04 Feb 2019 16:29

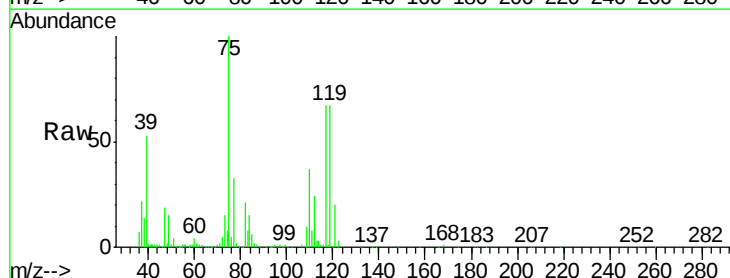
Tgt Ion: 75 Resp: 118449

Ion Ratio Lower Upper

75 100

110 39.3 20.0 59.9

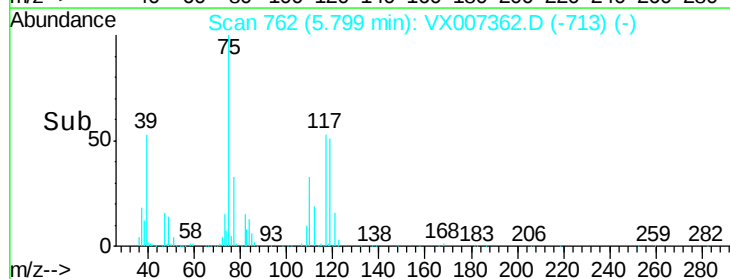
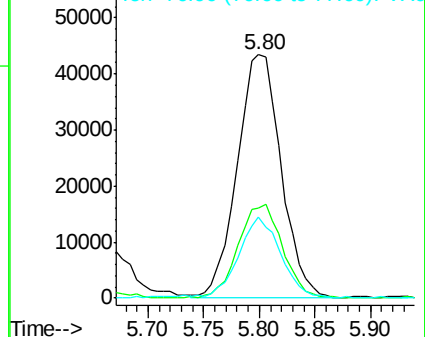
77 31.4 24.7 37.1

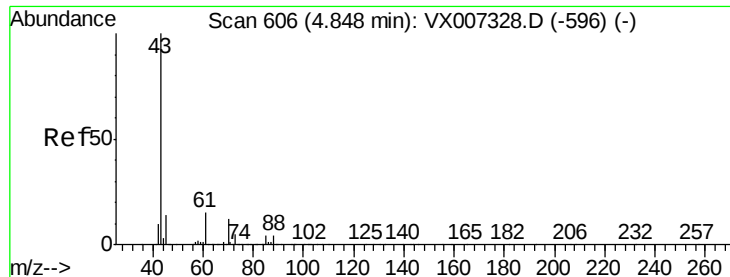


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

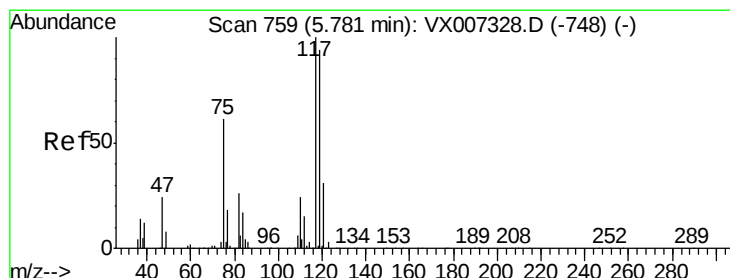
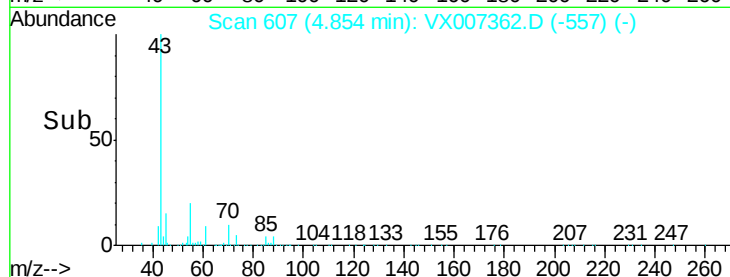
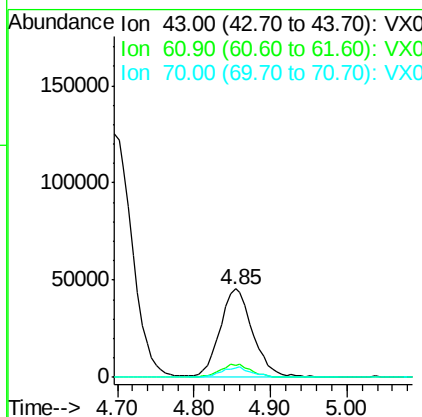
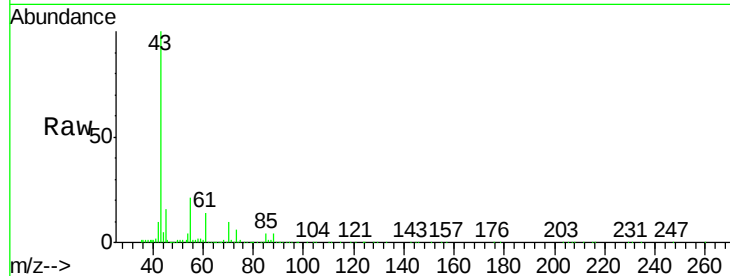




#37
Ethyl Acetate
Concen: 20.925 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX007362.D
Acq: 04 Feb 2019 16:29

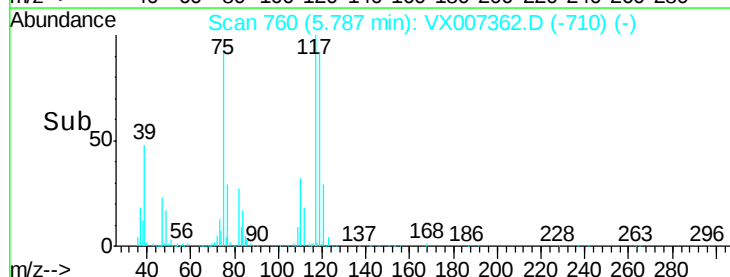
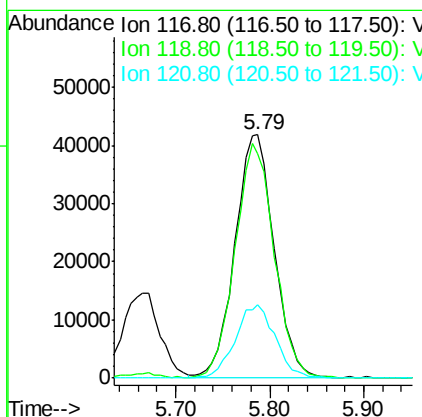
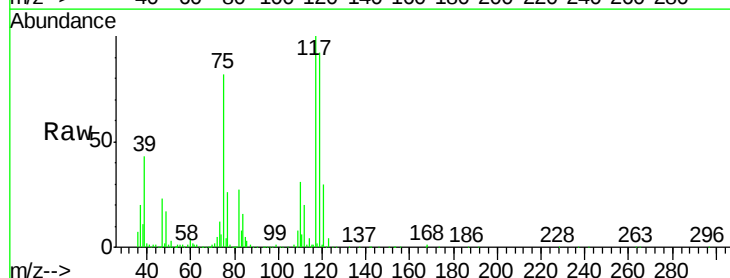
Instrument :
MSVOA_X
ClientSampleId :
VX0204WBSD01

Tot Ion: 43 Resp: 133230
Ion Ratio Lower Upper
43 100
61 13.4 11.3 16.9
70 10.7 8.6 13.0



#38
Carbon Tetrachloride
Concen: 19.873 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX007362.D
Acq: 04 Feb 2019 16:29

Tgt Ion: 117 Resp: 121434
Ion Ratio Lower Upper
117 100
119 92.3 75.3 112.9
121 30.1 25.0 37.4

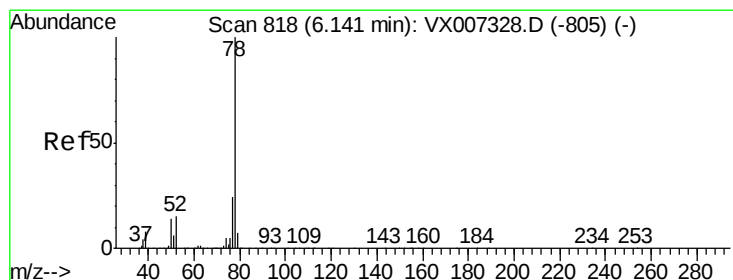
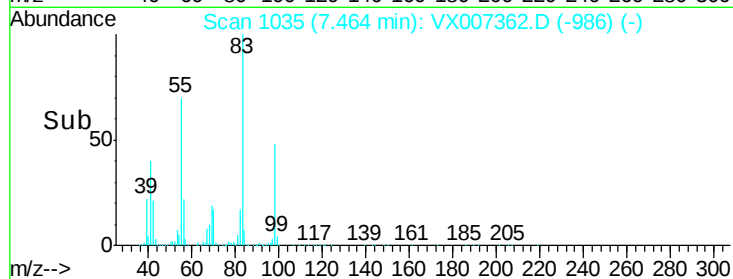
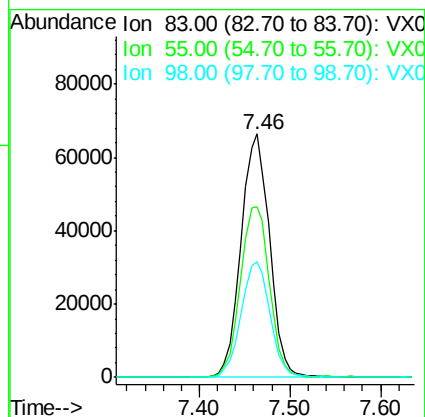
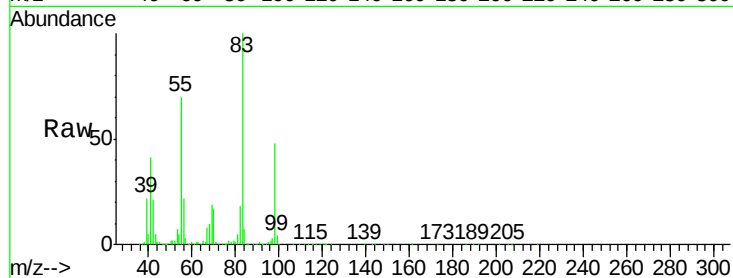




#39
Methvlcvclohexane
Concen: 19.165 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX007362.D
Acq: 04 Feb 2019 16:29

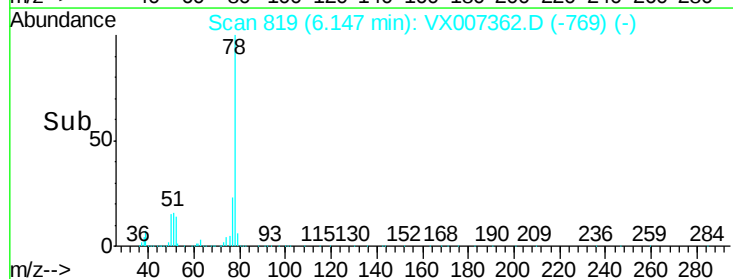
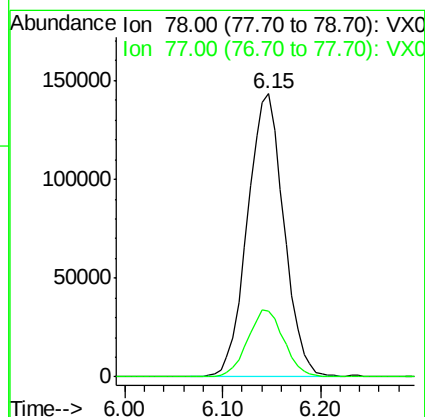
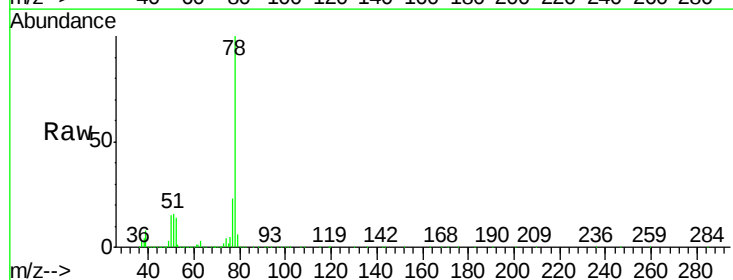
Instrument :
MSVOA_X
ClientSampleId :
VX0204WBSD01

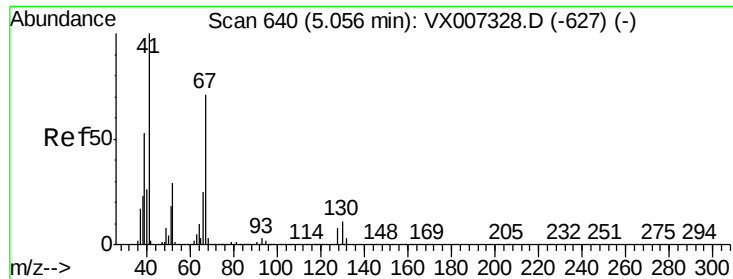
Tot Ion: 83 Resp: 146047
Ion Ratio Lower Upper
83 100
55 70.1 56.2 84.2
98 47.7 36.8 55.2



#40
Benzene
Concen: 20.000 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007362.D
Acq: 04 Feb 2019 16:29

Tgt Ion: 78 Resp: 371073
Ion Ratio Lower Upper
78 100
77 23.4 19.3 28.9

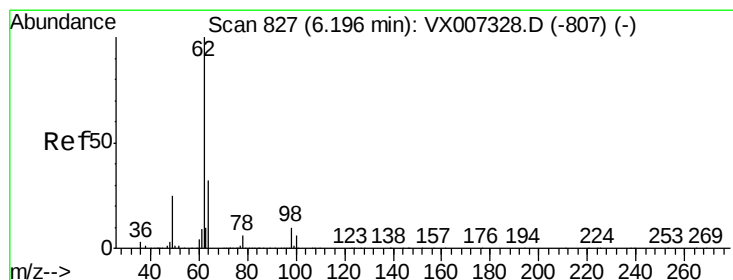
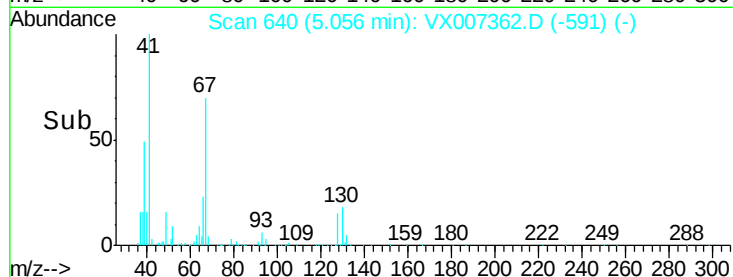
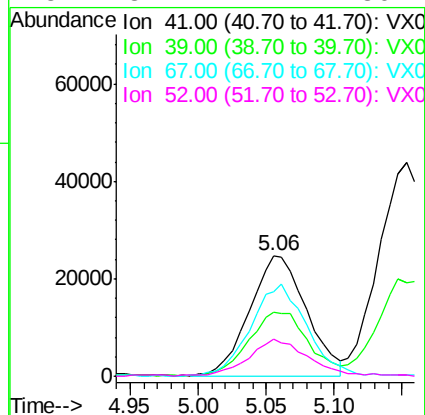
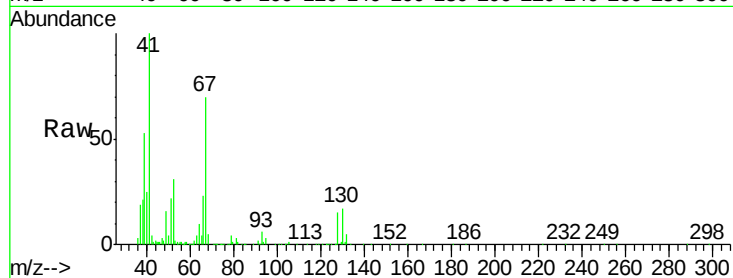




#41
Methacrylonitrile
Concen: 21.272 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.00 min
Lab File: VX007362.D
Acq: 04 Feb 2019 16:29

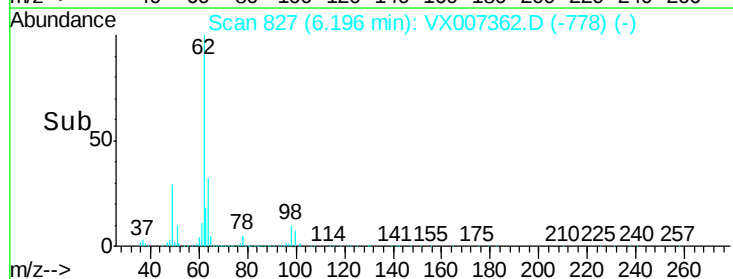
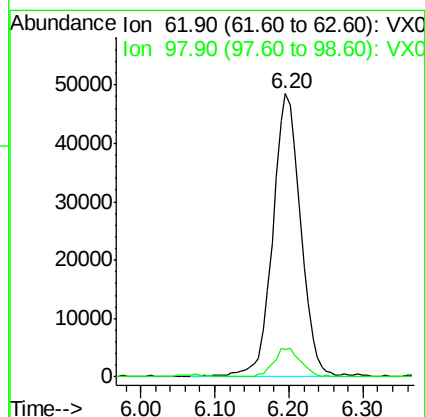
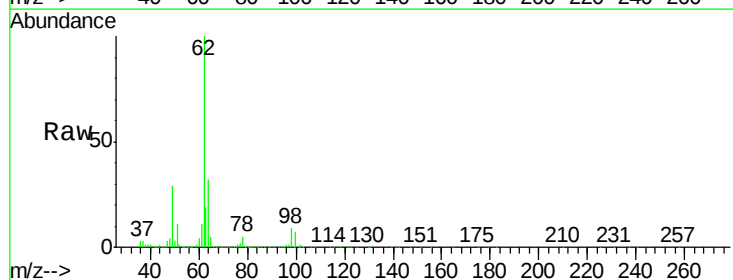
Instrument :
MSVOA_X
ClientSampleId :
VX0204WBSD01

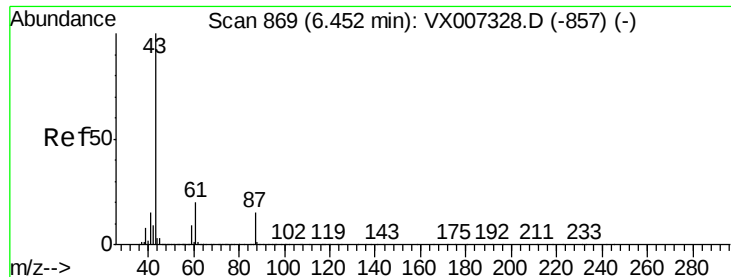
Tot Ion:	41	Resp:	72589
Ion	Ratio	Lower	Upper
41	100		
39	54.7	44.5	66.7
67	75.4	60.4	90.6
52	32.4	24.1	36.1



#42
1,2-Dichloroethane
Concen: 19.556 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX007362.D
Acq: 04 Feb 2019 16:29

Tgt Ion:	62	Resp:	125542
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.0



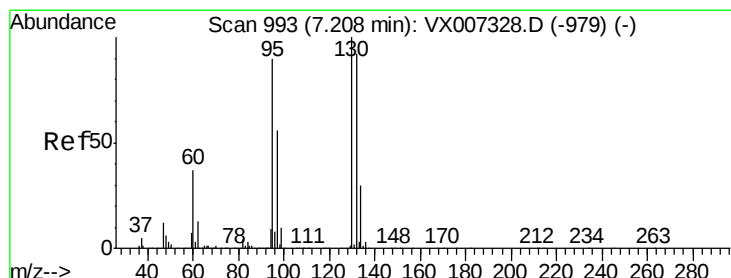
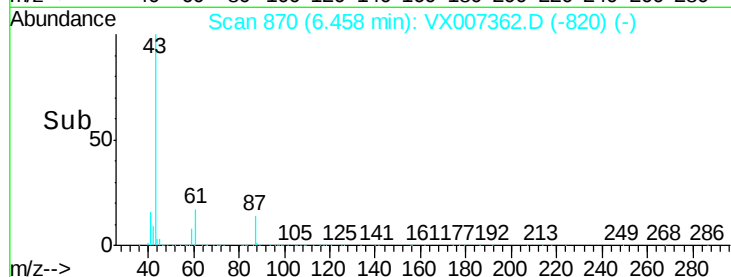
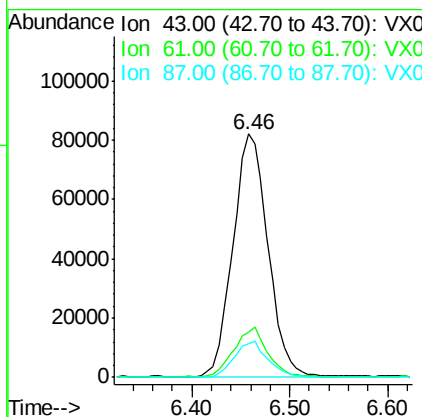
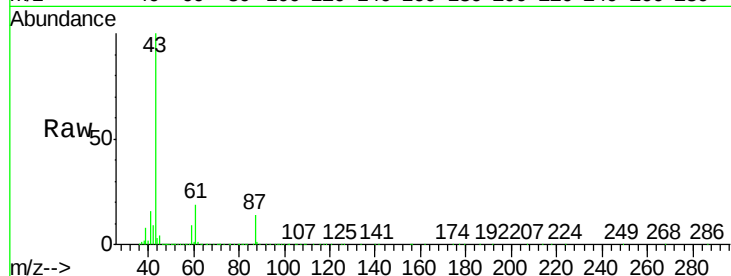


#43

Isopropyl Acetate
 Concen: 20.682 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.01 min
 Lab File: VX007362.D
 Acq: 04 Feb 2019 16:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0204WBSD01

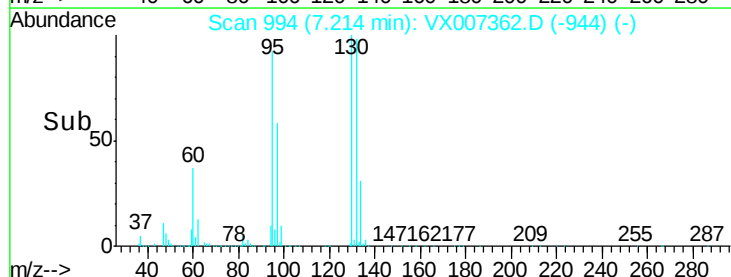
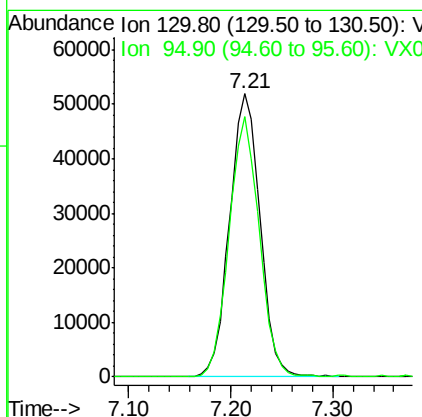
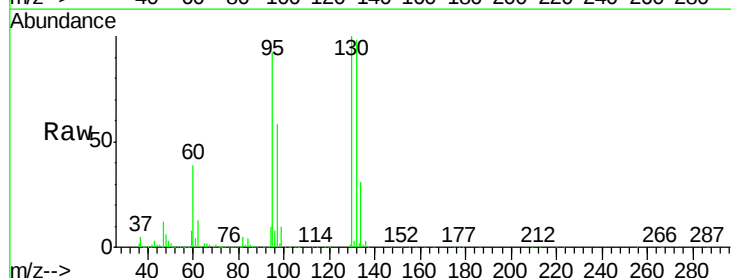
Tot Ion: 43 Resp: 203261
 Ion Ratio Lower Upper
 43 100
 61 19.6 16.1 24.1
 87 14.5 11.5 17.3

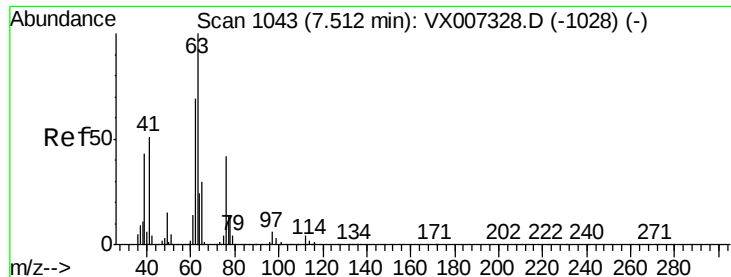


#44

Trichloroethene
 Concen: 19.222 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX007362.D
 Acq: 04 Feb 2019 16:29

Tgt Ion: 130 Resp: 107413
 Ion Ratio Lower Upper
 130 100
 95 91.7 0.0 180.0





#45

1,2-Dichloropropane

Concen: 19.468 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX007362.D

Acq: 04 Feb 2019 16:29

Instrument :

MSVOA_X

ClientSampleId :

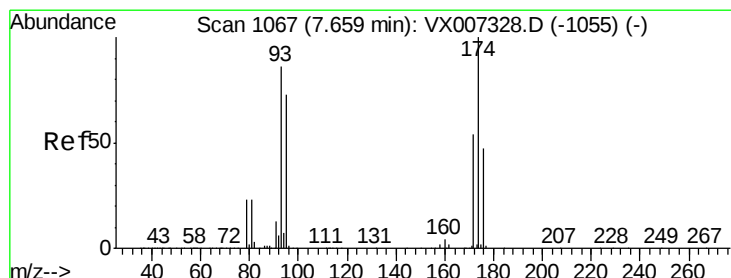
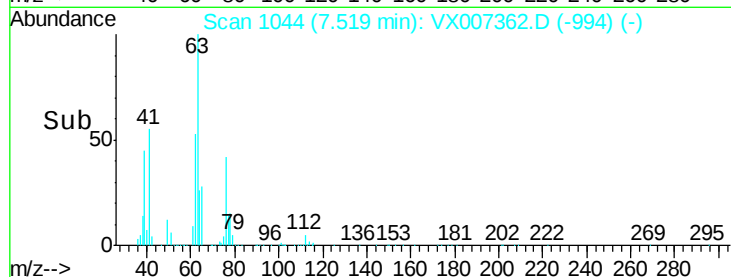
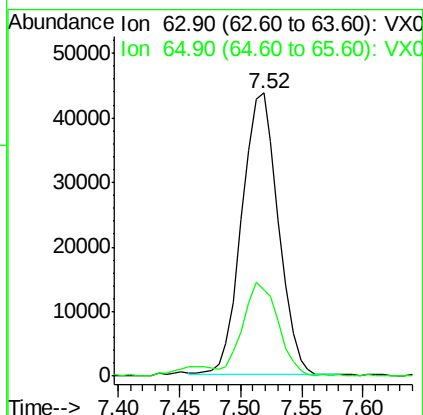
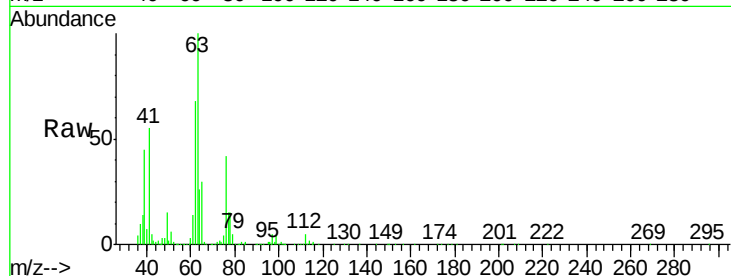
VX0204WBSD01

Tot Ion: 63 Resp: 90499

Ion Ratio Lower Upper

63 100

65 30.1 24.2 36.2



#46

Dibromomethane

Concen: 19.216 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX007362.D

Acq: 04 Feb 2019 16:29

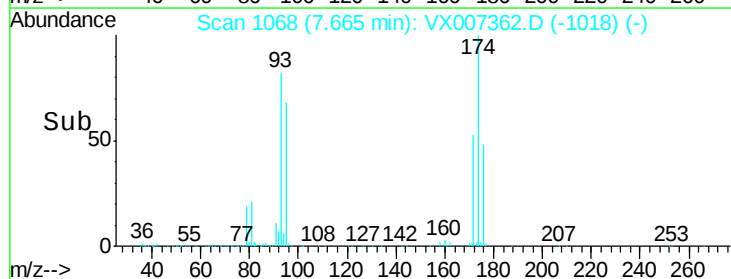
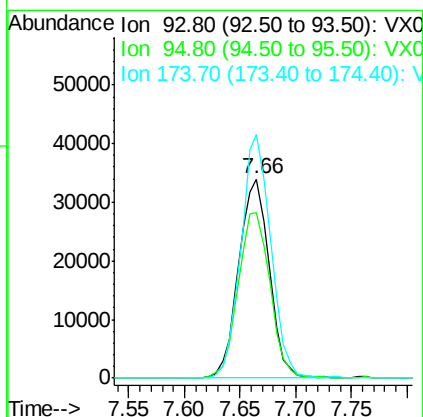
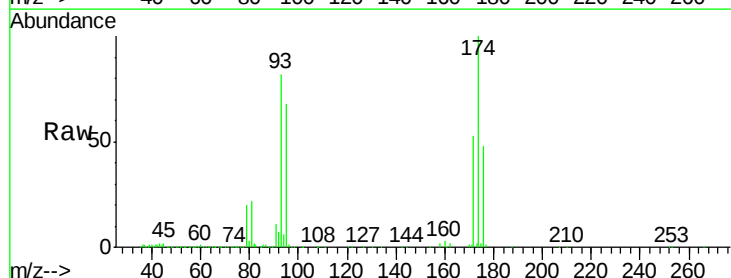
Tgt Ion: 93 Resp: 64927

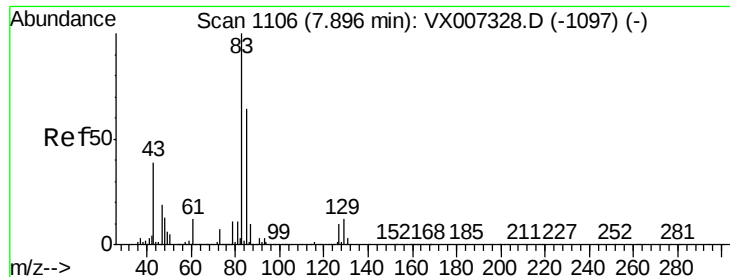
Ion Ratio Lower Upper

93 100

95 86.5 67.6 101.4

174 119.5 94.2 141.4





#47

Bromodichloromethane

Concen: 19.478 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX007362.D

Acq: 04 Feb 2019 16:29

Instrument :

MSVOA_X

ClientSampleId :

VX0204WBSD01

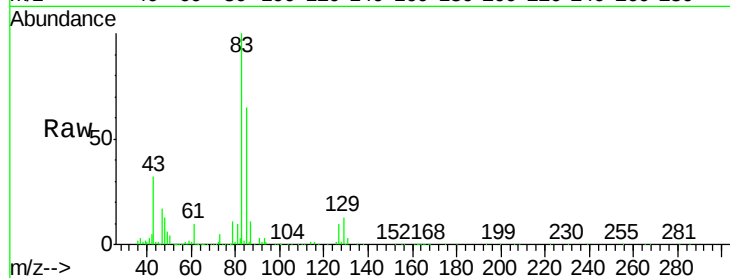
Tot Ion: 83 Resp: 111531

Ion Ratio Lower Upper

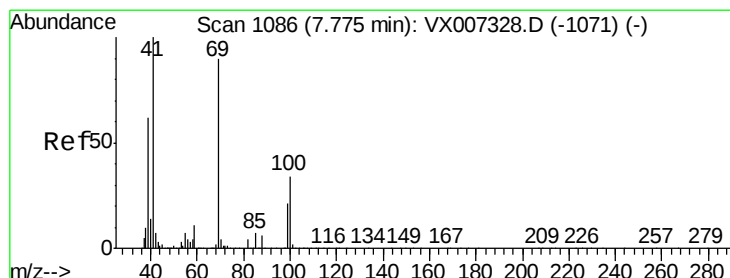
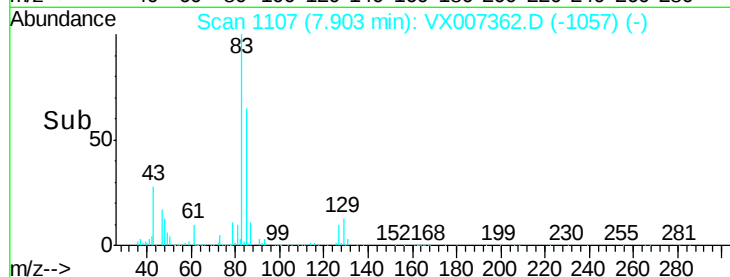
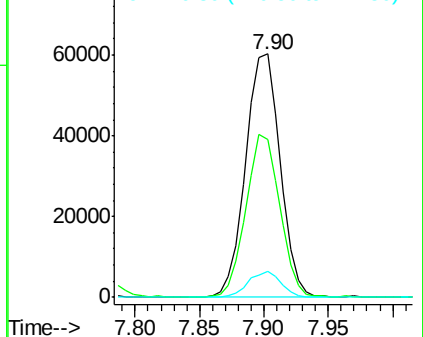
83 100

85 65.0 51.4 77.0

127 10.5 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: 21.800 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX007362.D

Acq: 04 Feb 2019 16:29

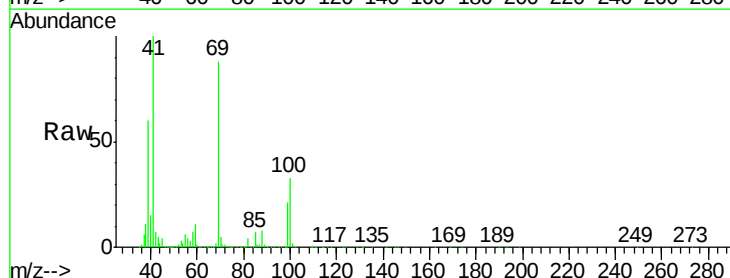
Tgt Ion: 41 Resp: 107162

Ion Ratio Lower Upper

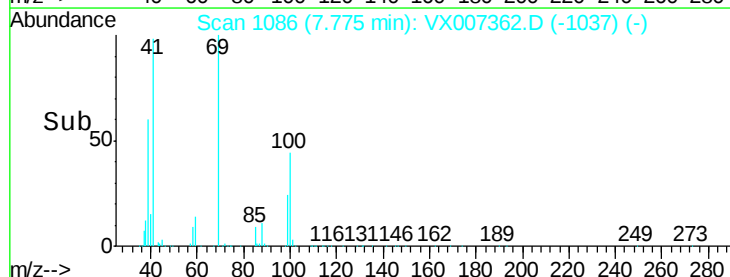
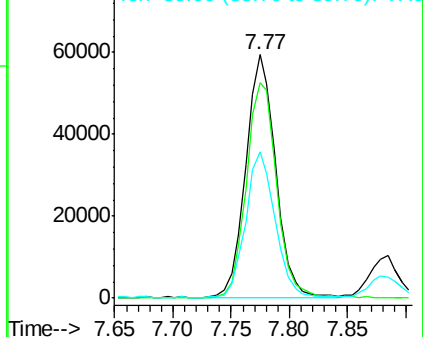
41 100

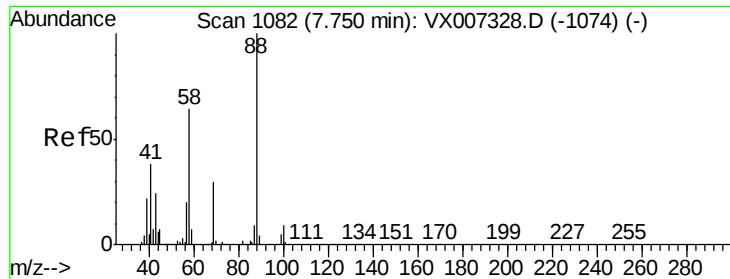
69 88.7 70.2 105.4

39 58.9 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: 449.897 ug/l

RT: 7.74 min Scan# 1081

Delta R.T. -0.01 min

Lab File: VX007362.D

Acq: 04 Feb 2019 16:29

Instrument :

MSVOA_X

ClientSampleId :

VX0204WBSD01

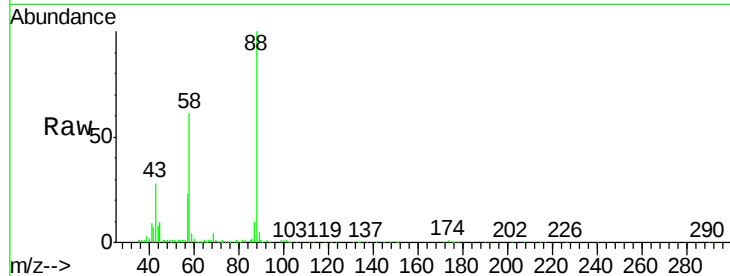
Tot Ion: 88 Resp: 49870

Ion Ratio Lower Upper

88 100

43 31.1 24.2 36.4

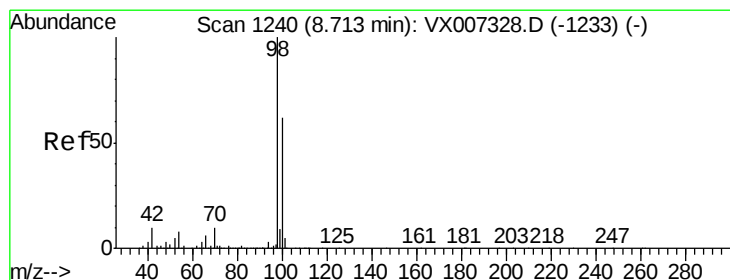
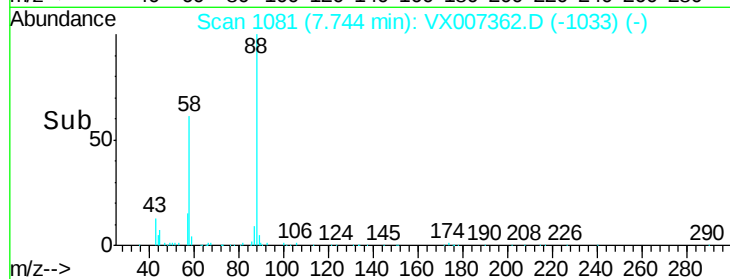
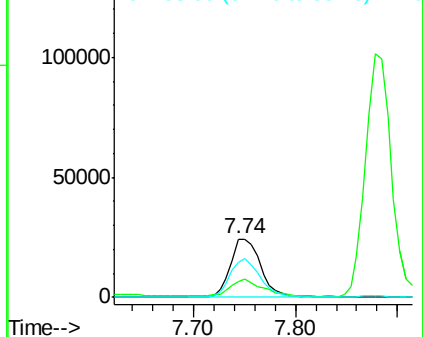
58 65.6 53.0 79.4



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.981 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007362.D

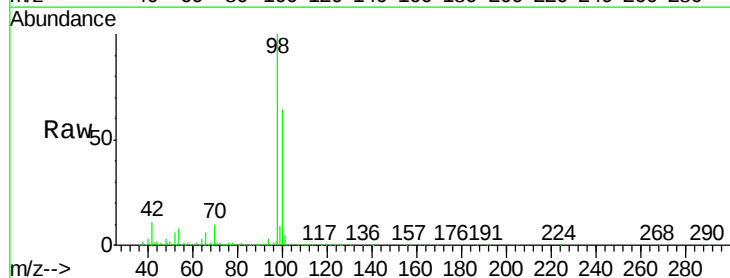
Acq: 04 Feb 2019 16:29

Tgt Ion: 98 Resp: 863972

Ion Ratio Lower Upper

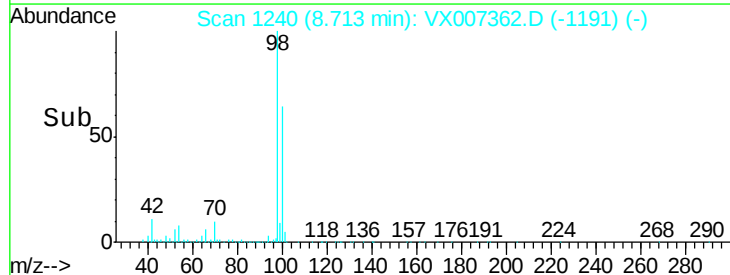
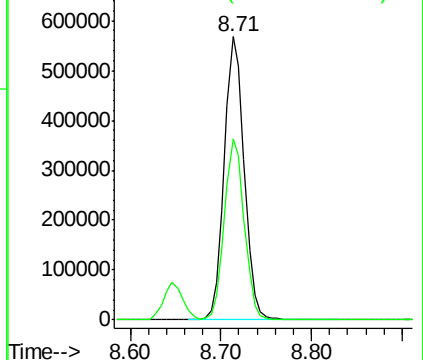
98 100

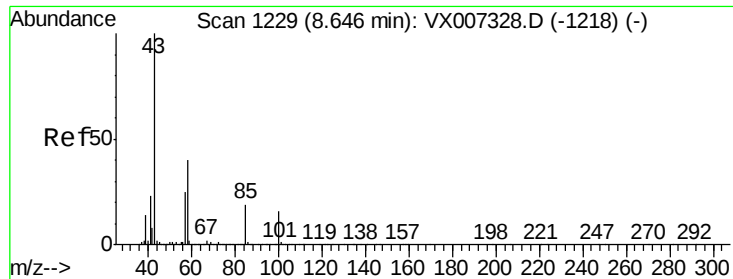
100 64.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 106.914 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007362.D

Acq: 04 Feb 2019 16:29

Instrument :

MSVOA_X

ClientSampleId :

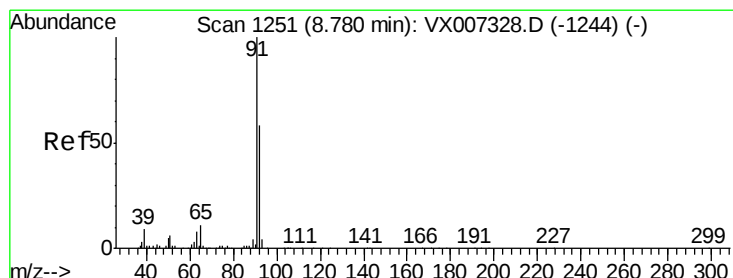
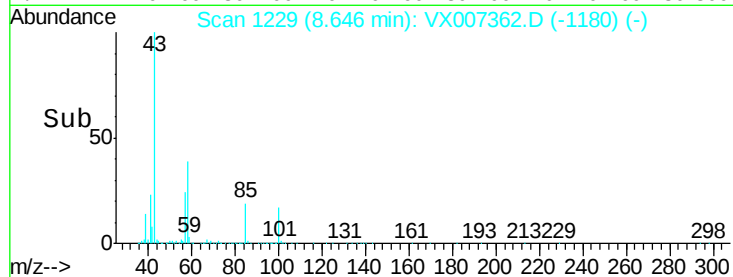
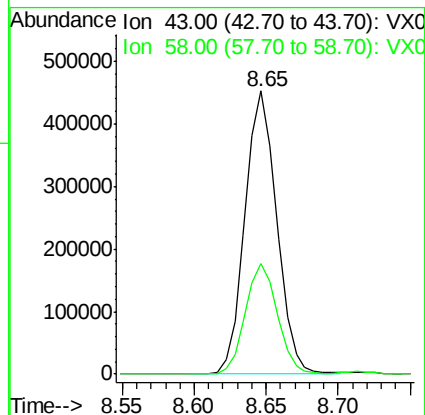
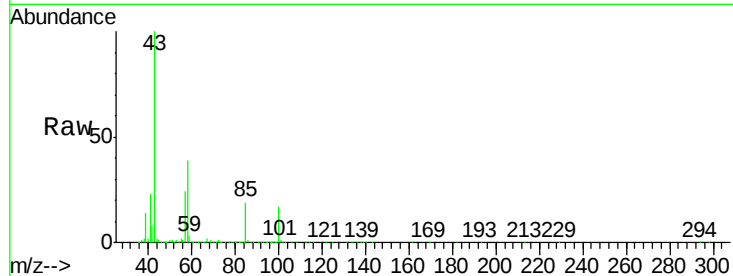
VX0204WBSD01

Tot Ion: 43 Resp: 691698

Ion Ratio Lower Upper

43 100

58 39.2 31.2 46.8



#52

Toluene

Concen: 20.069 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX007362.D

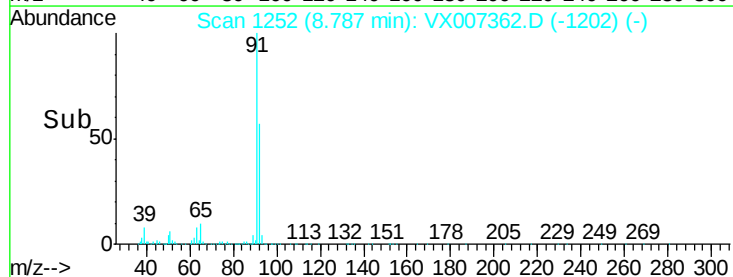
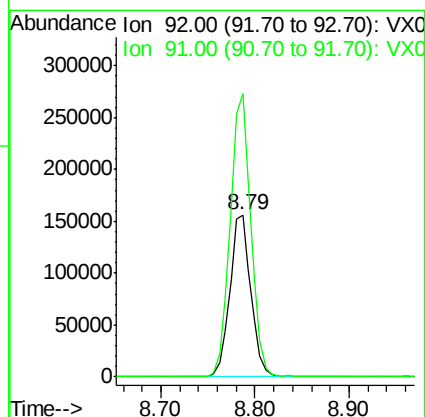
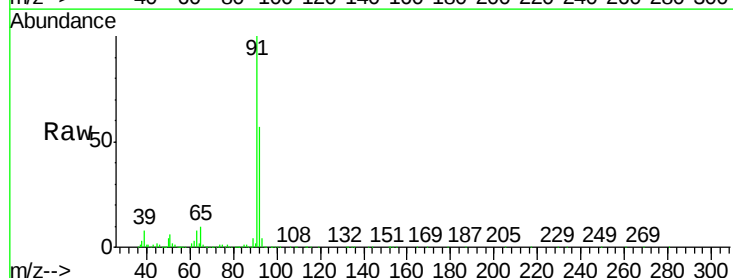
Acq: 04 Feb 2019 16:29

Tgt Ion: 92 Resp: 240240

Ion Ratio Lower Upper

92 100

91 172.3 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 19.735 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007362.D

Acq: 04 Feb 2019 16:29

Instrument :

MSVOA_X

ClientSampleId :

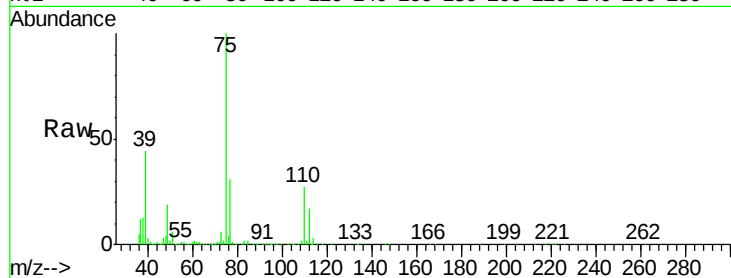
VX0204WBSD01

Tot Ion: 75 Resp: 121387

Ion Ratio Lower Upper

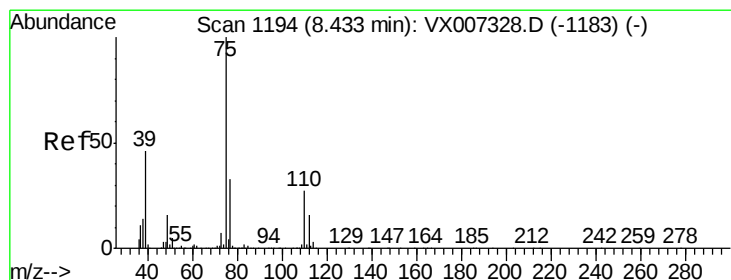
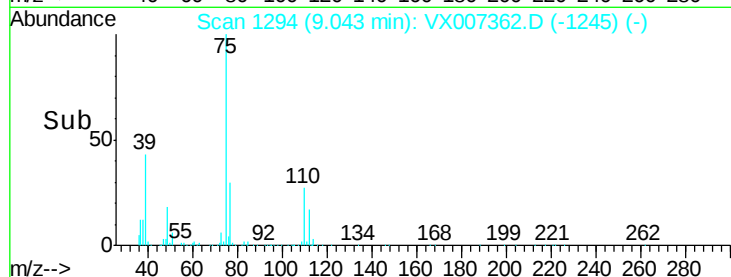
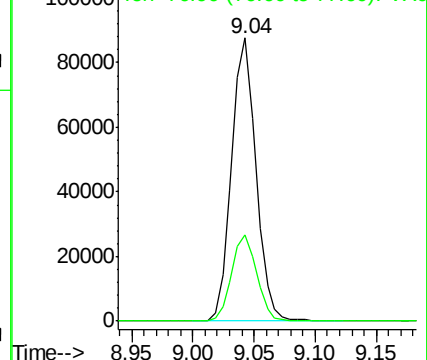
75 100

77 30.3 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.971 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX007362.D

Acq: 04 Feb 2019 16:29

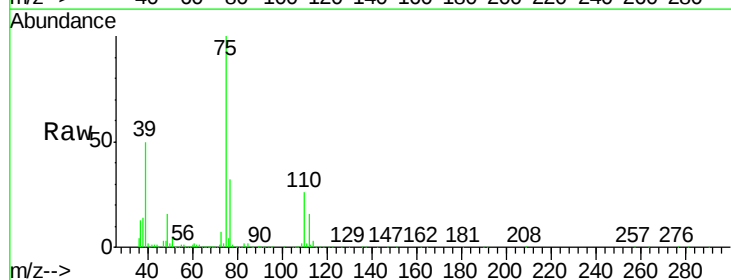
Tgt Ion: 75 Resp: 135083

Ion Ratio Lower Upper

75 100

77 32.0 26.2 39.4

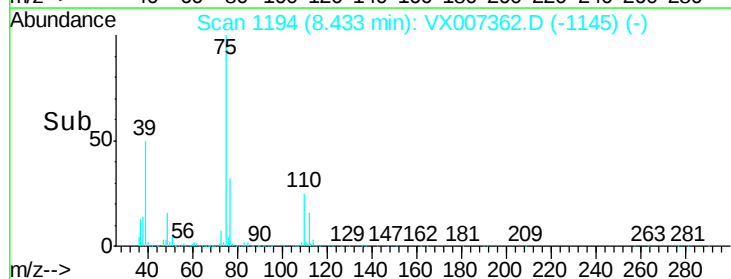
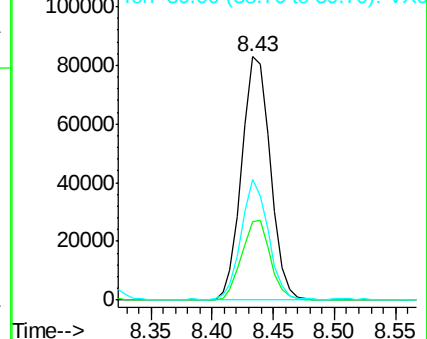
39 49.3 37.1 55.7

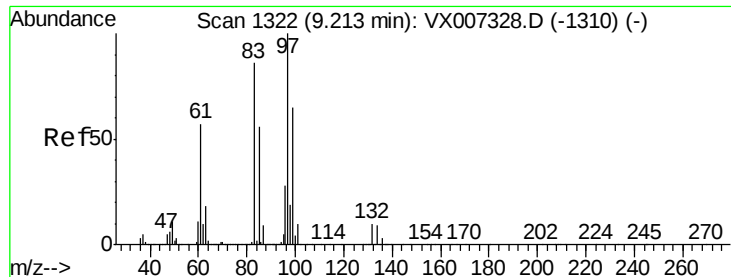


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

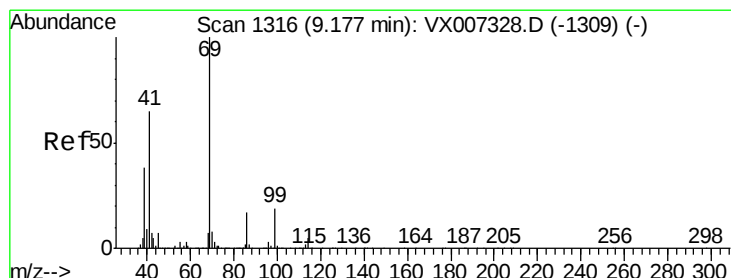
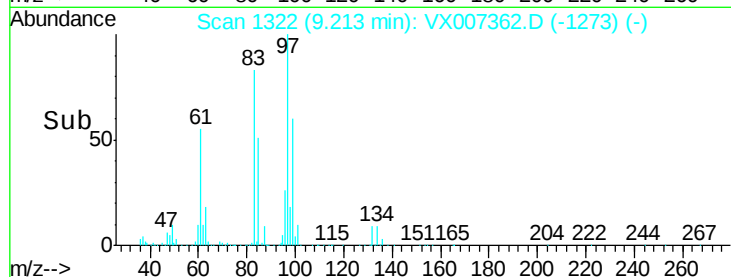
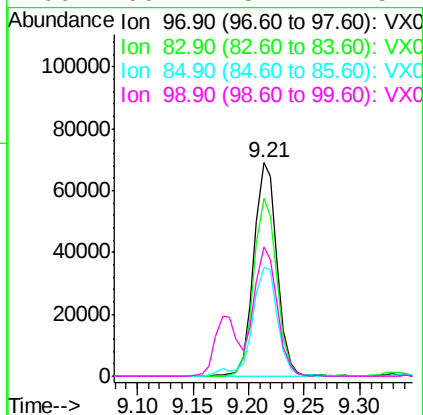
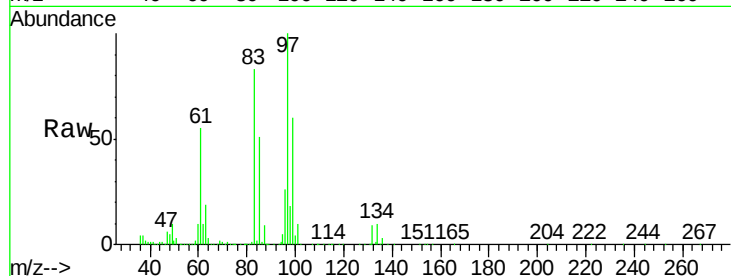




#55
 1,1,2-Trichloroethane
 Concen: 20.168 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX007362.D
 Acq: 04 Feb 2019 16:29

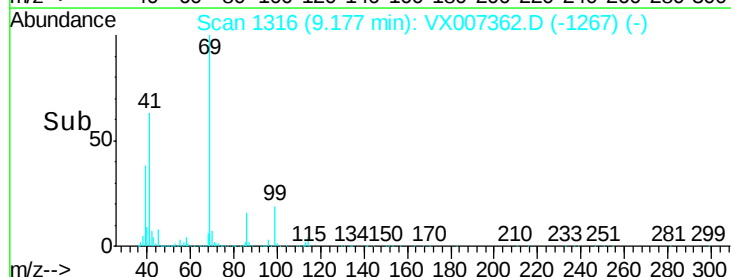
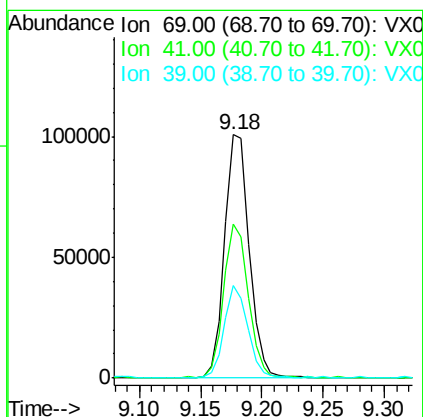
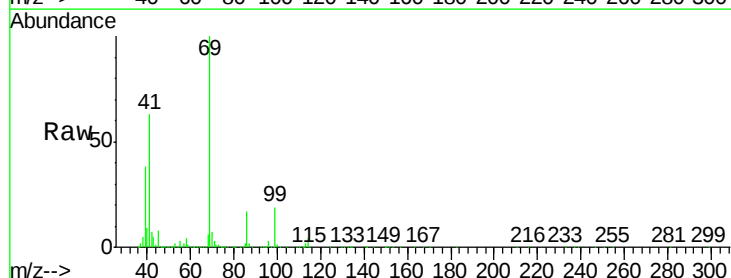
Instrument :
 MSVOA_X
 ClientSampled :
 VX0204WBSD01

Tot Ion:	97	Resp:	100638
Ion	Ratio	Lower	Upper
97	100		
83	83.0	68.6	102.8
85	51.2	44.5	66.7
99	60.2	52.2	78.4



#56
 Ethyl methacrylate
 Concen: 20.496 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX007362.D
 Acq: 04 Feb 2019 16:29

Tgt Ion:	69	Resp:	141653
Ion	Ratio	Lower	Upper
69	100		
41	63.3	52.1	78.1
39	36.1	30.1	45.1





#57

1,3-Dichloropropane

Concen: 20.097 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007362.D

Acq: 04 Feb 2019 16:29

Instrument :

MSVOA_X

ClientSampleId :

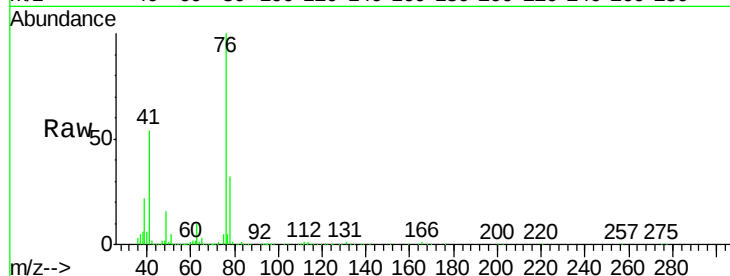
VX0204WBSD01

Tot Ion: 76 Resp: 159479

Ion Ratio Lower Upper

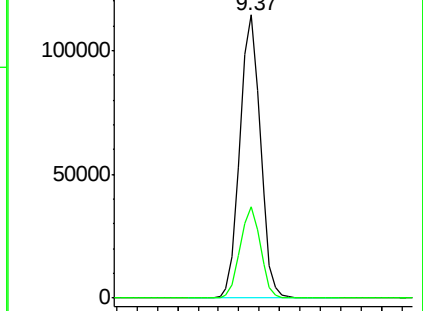
76 100

78 31.8 25.8 38.8

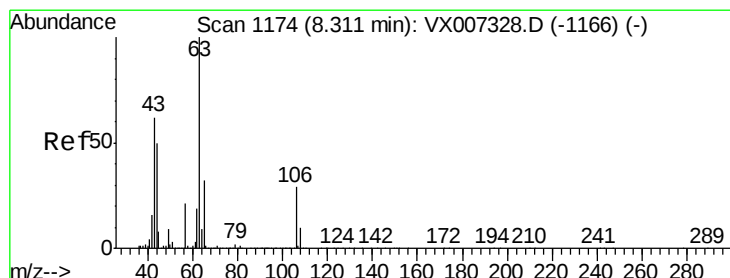
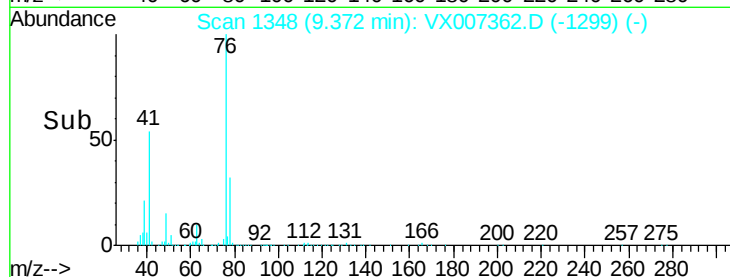


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 102.186 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007362.D

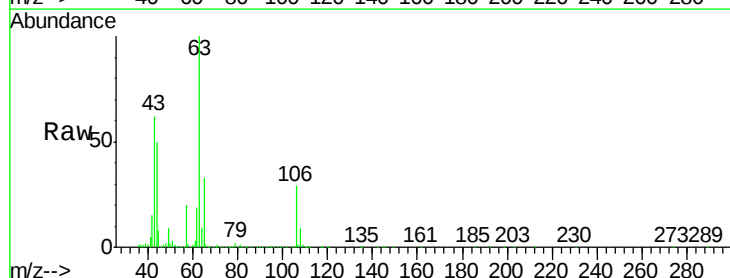
Acq: 04 Feb 2019 16:29

Tgt Ion: 63 Resp: 372235

Ion Ratio Lower Upper

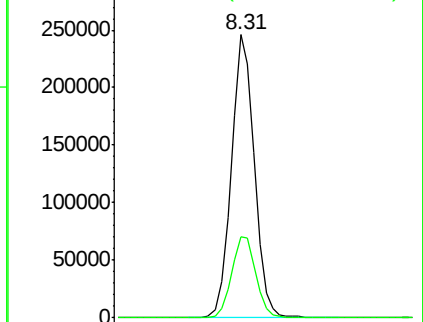
63 100

106 30.4 23.6 35.4

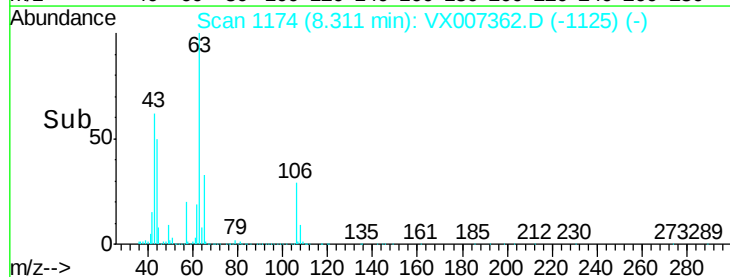


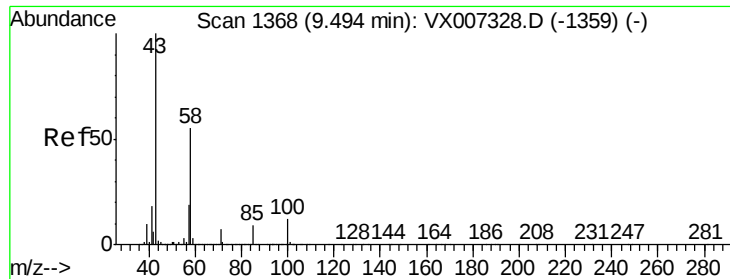
Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V



Time-->

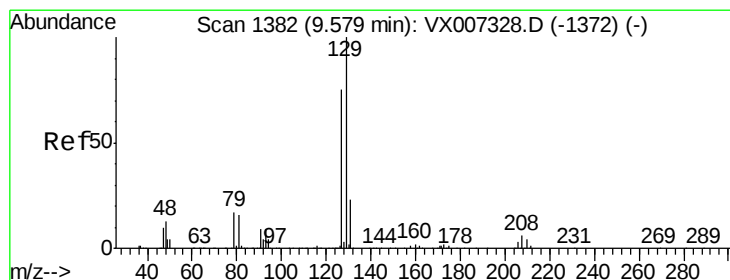
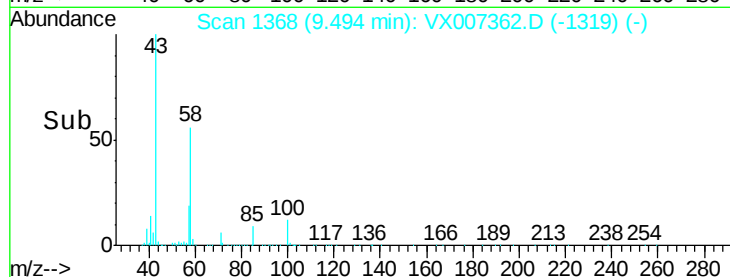
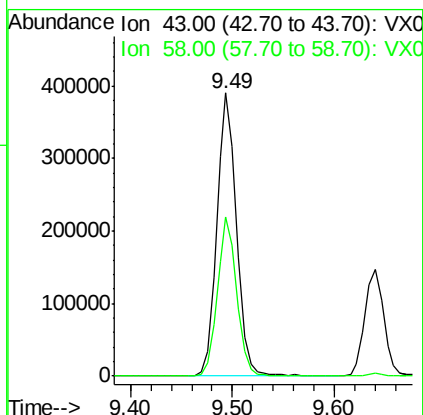
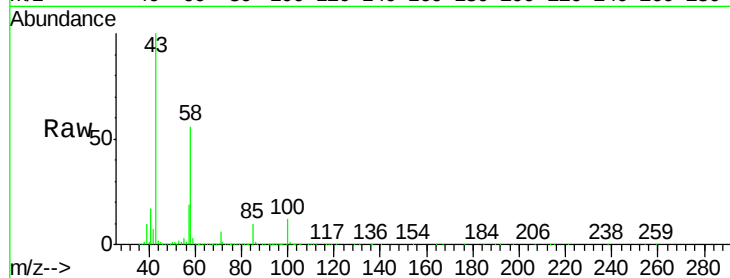




#59
2-Hexanone
Concen: 104.407 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007362.D
Acq: 04 Feb 2019 16:29

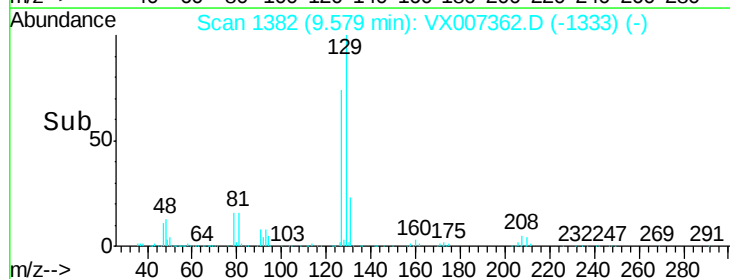
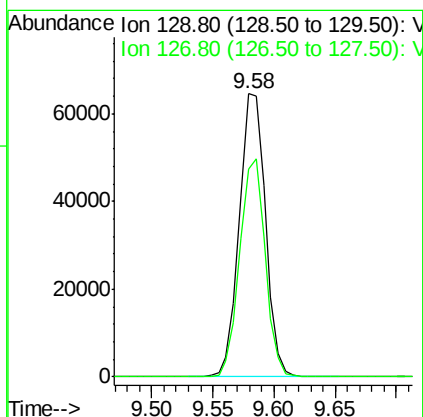
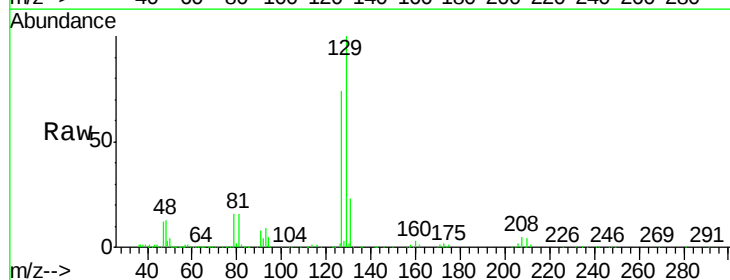
Instrument :
MSVOA_X
ClientSampleId :
VX0204WBSD01

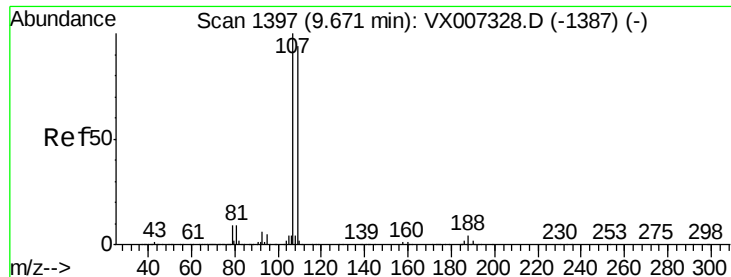
Tot Ion: 43 Resp: 525635
Ion Ratio Lower Upper
43 100
58 55.3 27.1 81.3



#60
Dibromochloromethane
Concen: 20.332 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX007362.D
Acq: 04 Feb 2019 16:29

Tgt Ion: 129 Resp: 95953
Ion Ratio Lower Upper
129 100
127 75.2 37.8 113.4

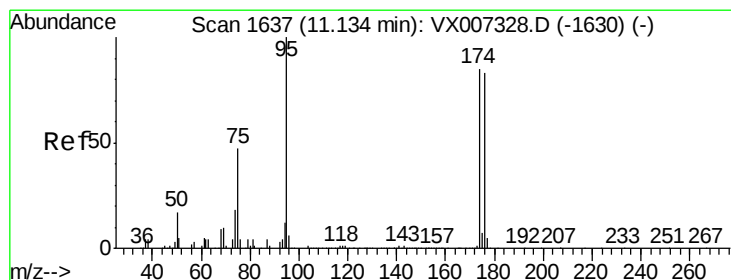
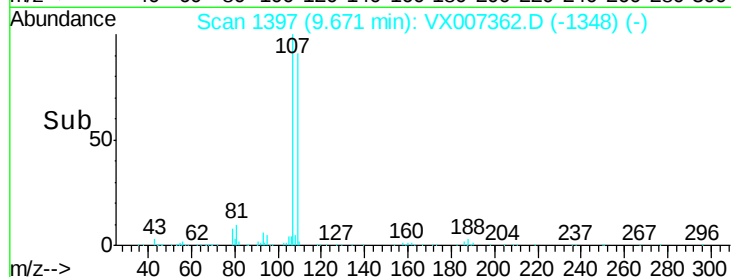
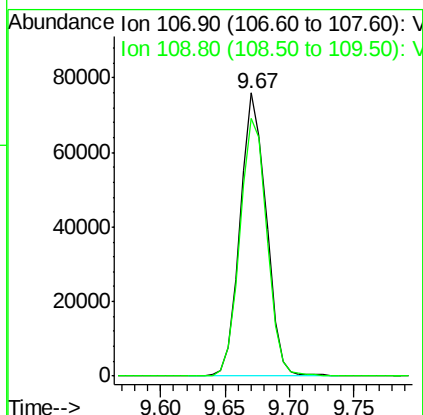
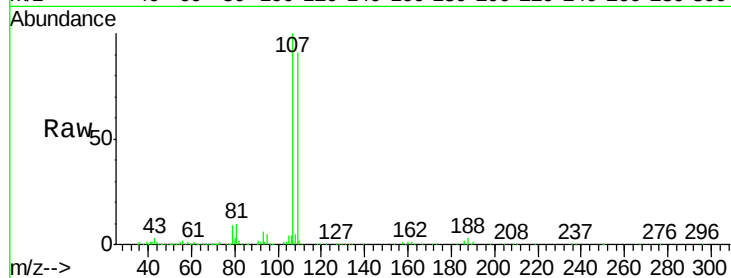




#61
 1,2-Dibromoethane
 Concen: 20.224 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX007362.D
 Acq: 04 Feb 2019 16:29

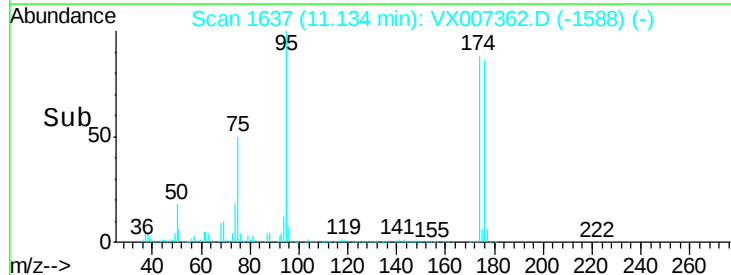
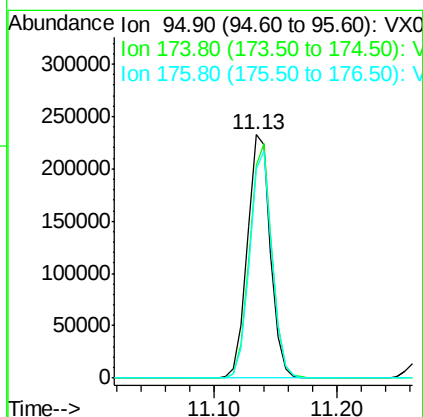
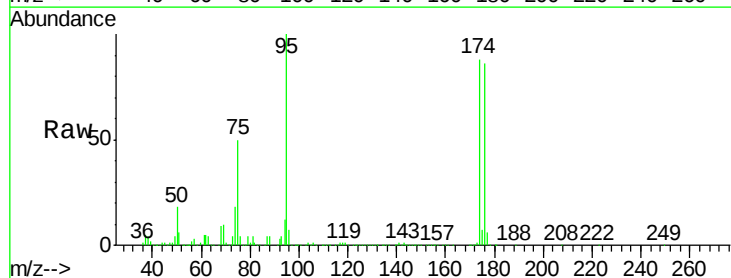
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0204WBSD01

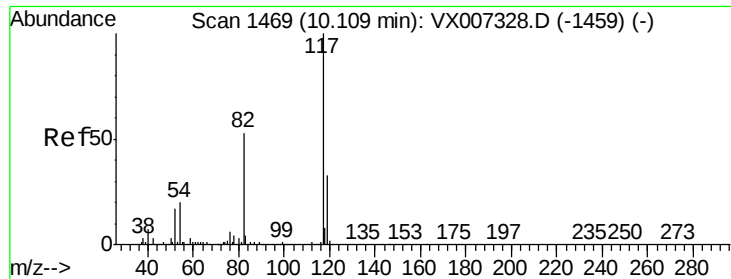
Tot Ion:107 Resp: 106873
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 49.264 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX007362.D
 Acq: 04 Feb 2019 16:29

Tgt Ion: 95 Resp: 304811
 Ion Ratio Lower Upper
 95 100
 174 94.0 0.0 189.2
 176 90.8 0.0 186.2

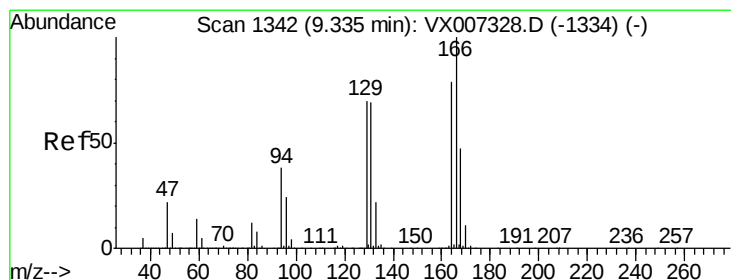
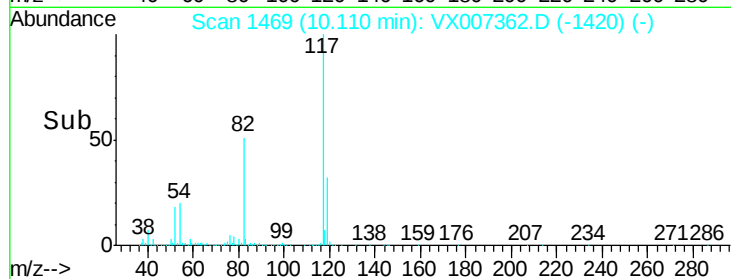
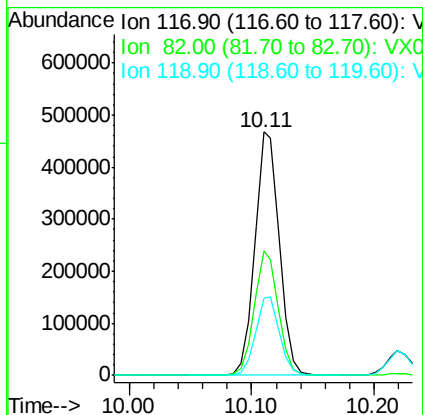
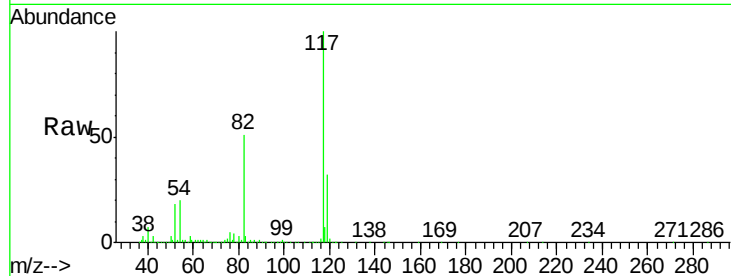




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007362.D
Acq: 04 Feb 2019 16:29

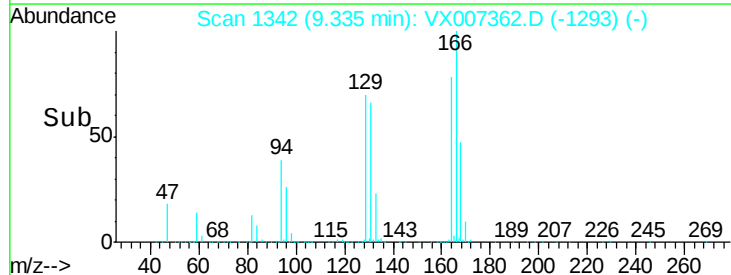
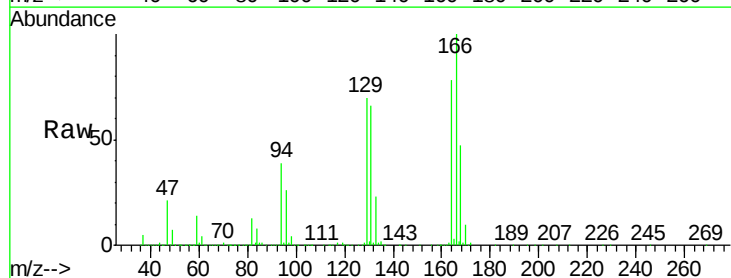
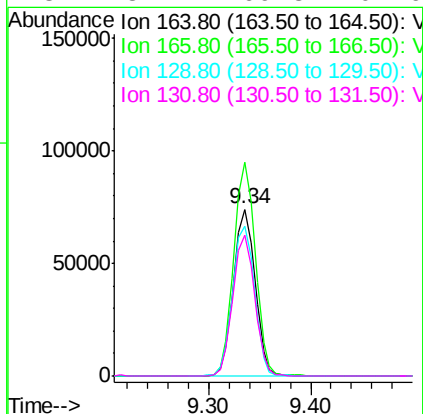
Instrument :
MSVOA_X
ClientSampleId :
VX0204WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.2	42.1	63.1
119	31.8	26.5	39.7



#64
Tetrachloroethene
Concen: 17.757 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007362.D
Acq: 04 Feb 2019 16:29

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.7	101.0	151.4
129	89.7	70.5	105.7
131	84.2	69.8	104.6





#65

Chlorobenzene

Concen: 19.508 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX007362.D

Acq: 04 Feb 2019 16:29

Instrument :

MSVOA_X

ClientSampleId :

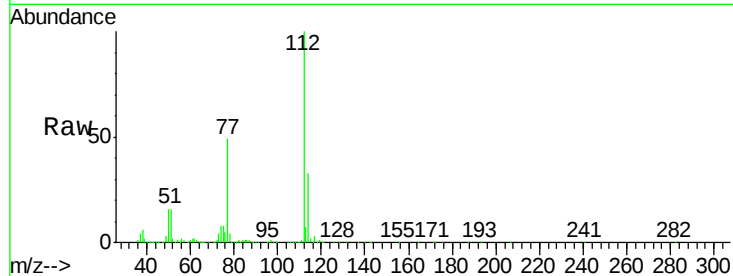
VX0204WBSD01

Tot Ion:112 Resp: 276946

Ion Ratio Lower Upper

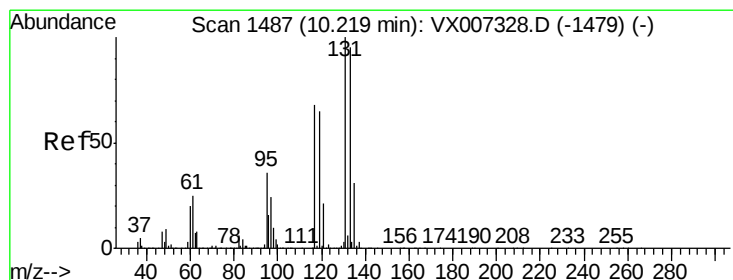
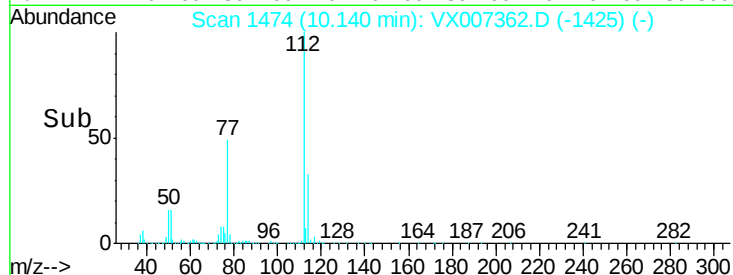
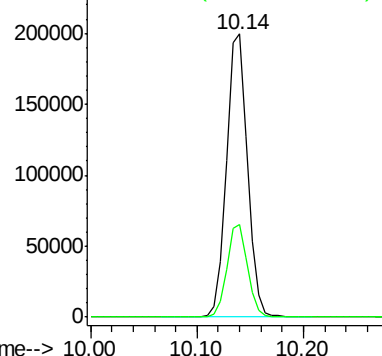
112 100

114 32.8 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.110 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007362.D

Acq: 04 Feb 2019 16:29

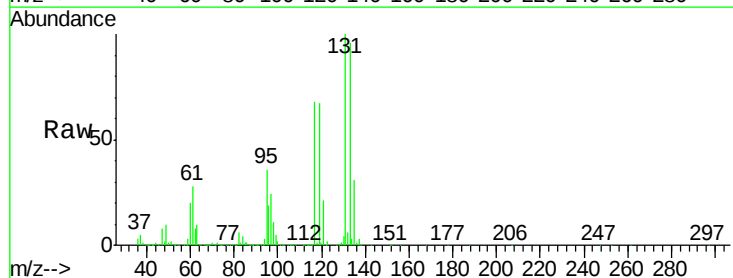
Tgt Ion:131 Resp: 95715

Ion Ratio Lower Upper

131 100

133 96.5 48.0 144.2

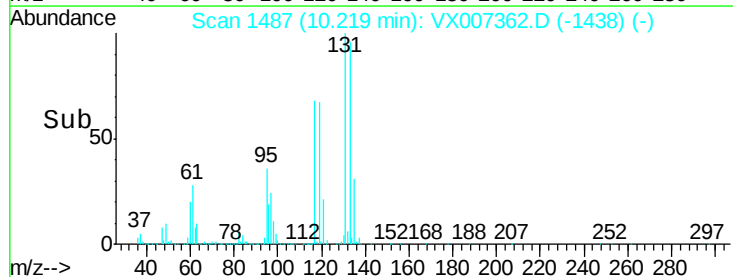
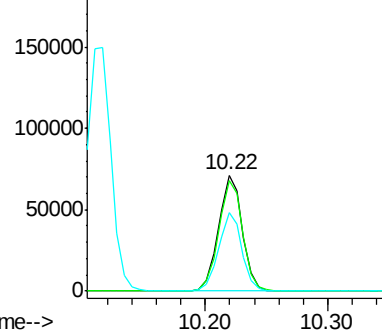
119 65.8 32.0 96.0

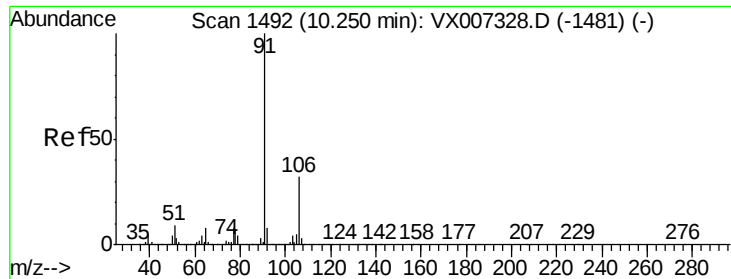


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

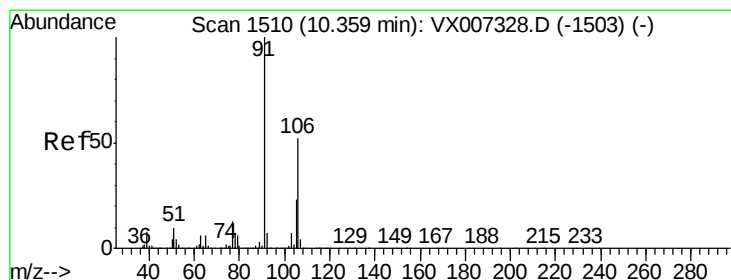
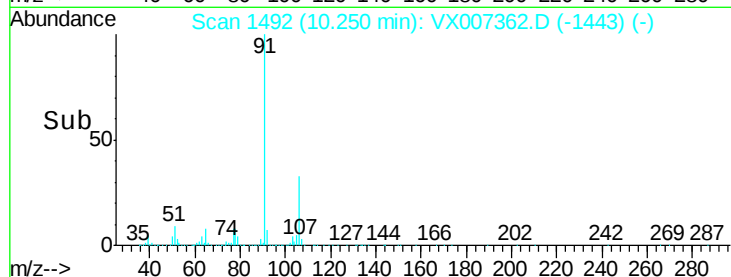
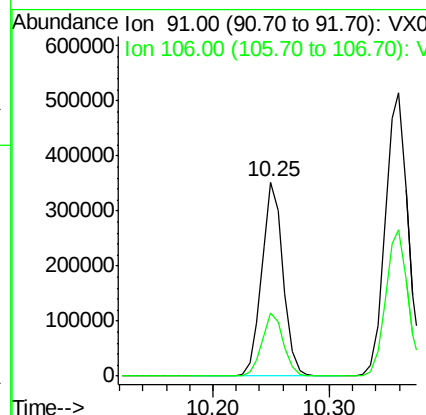
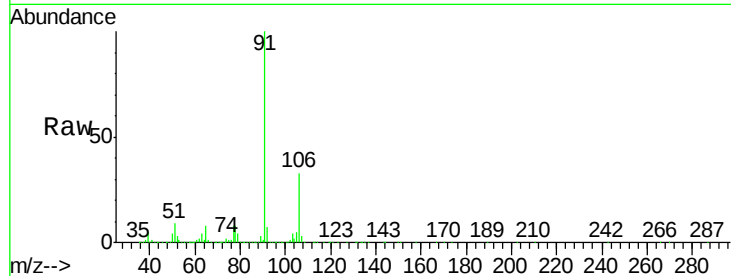




#67
Ethyl Benzene
Concen: 19.647 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX007362.D
Acq: 04 Feb 2019 16:29

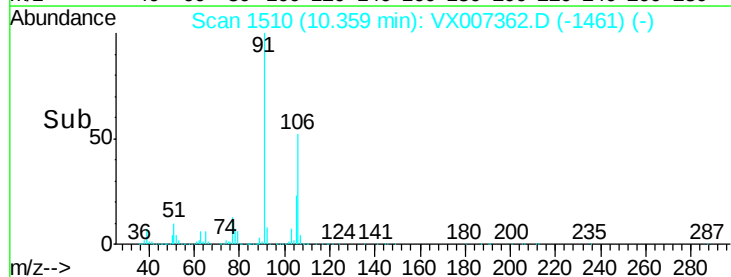
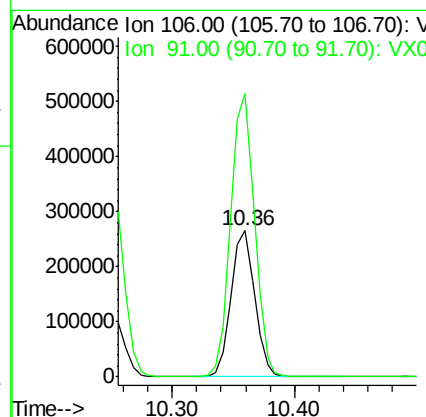
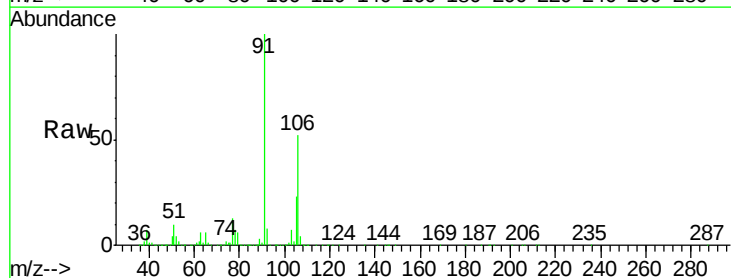
Instrument :
MSVOA_X
ClientSampleId :
VX0204WBSD01

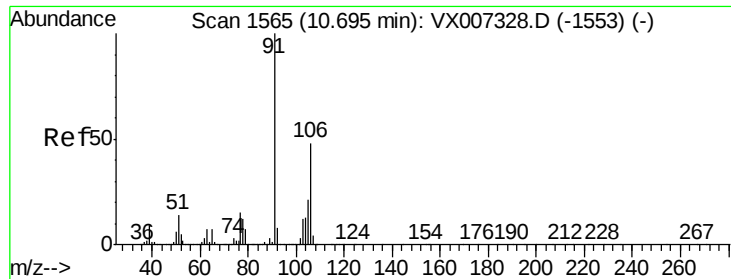
Tot Ion: 91 Resp: 449165
Ion Ratio Lower Upper
91 100
106 32.7 25.4 38.0



#68
m/p-Xylenes
Concen: 38.952 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX007362.D
Acq: 04 Feb 2019 16:29

Tgt Ion: 106 Resp: 353985
Ion Ratio Lower Upper
106 100
91 196.0 156.6 234.8

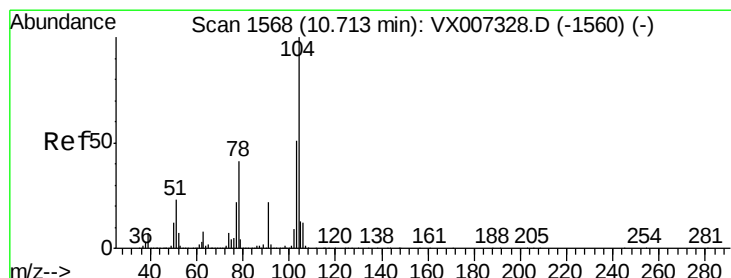
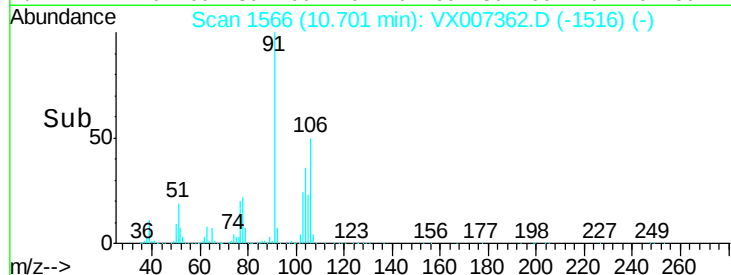
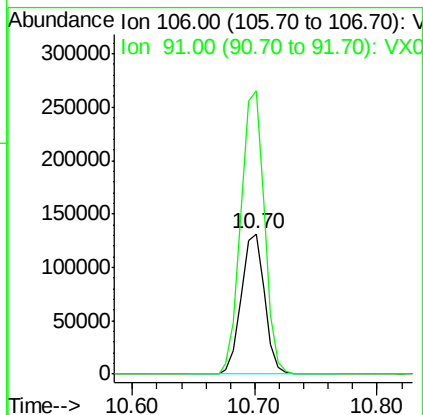
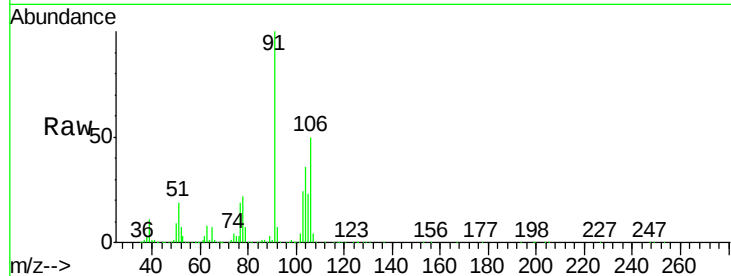




#69
o-Xylene
Concen: 19.757 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX007362.D
Acq: 04 Feb 2019 16:29

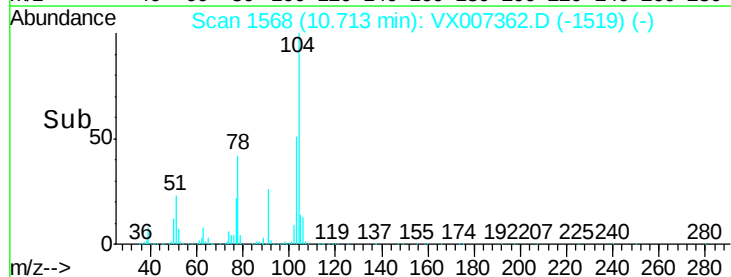
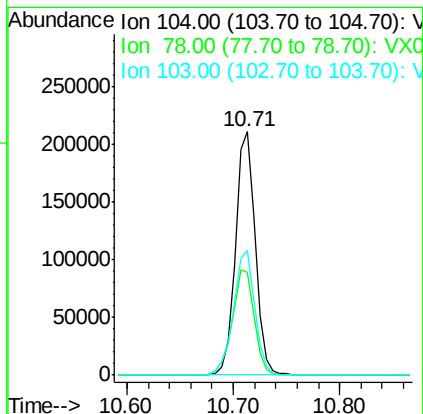
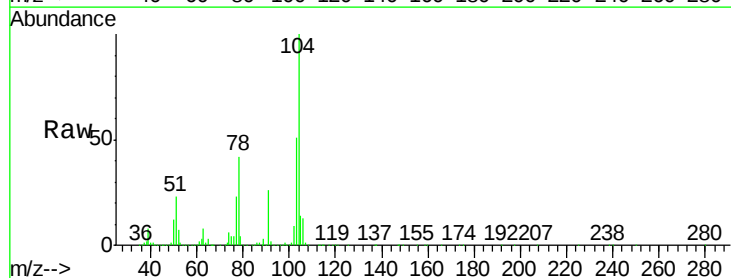
Instrument :
MSVOA_X
ClientSampleId :
VX0204WBSD01

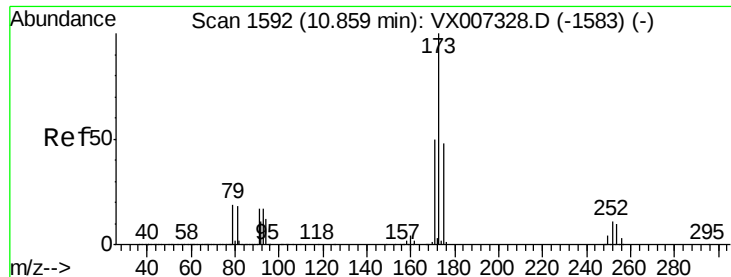
Tot Ion:106 Resp: 172770
Ion Ratio Lower Upper
106 100
91 203.7 102.9 308.7



#70
Styrene
Concen: 19.404 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007362.D
Acq: 04 Feb 2019 16:29

Tgt Ion:104 Resp: 275187
Ion Ratio Lower Upper
104 100
78 48.4 38.3 57.5
103 55.7 44.6 67.0





#71

Bromoform

Concen: 19.675 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007362.D

Acq: 04 Feb 2019 16:29

Instrument :

MSVOA_X

ClientSampled :

VX0204WBSD01

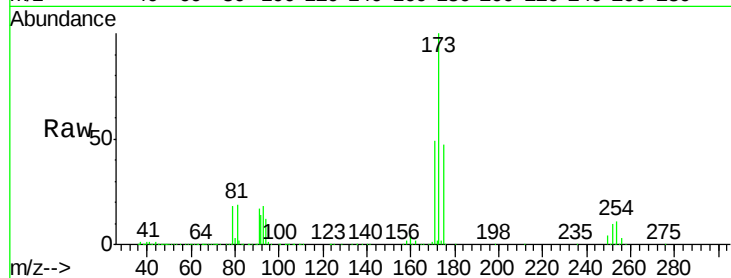
Tot Ion:173 Resp: 71036

Ion Ratio Lower Upper

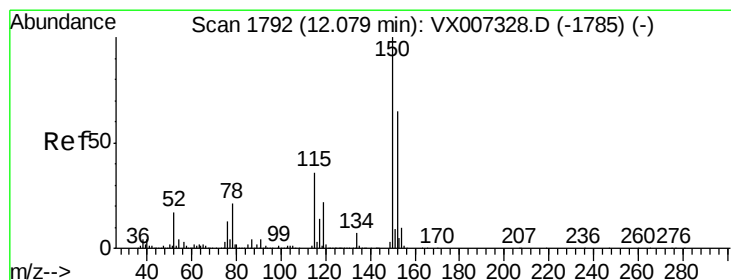
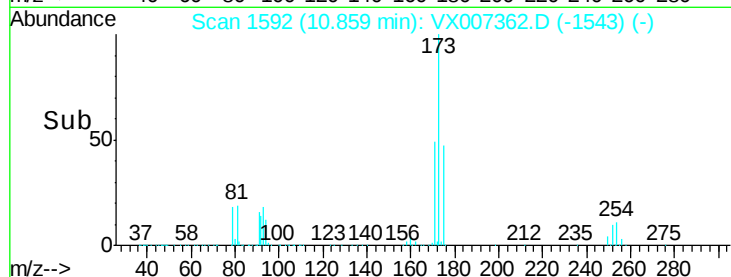
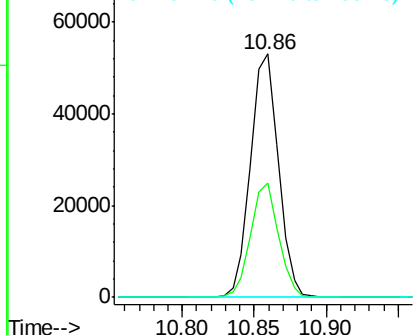
173 100

175 47.0 24.2 72.6

254 0.3 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: VX007362.D

Acq: 04 Feb 2019 16:29

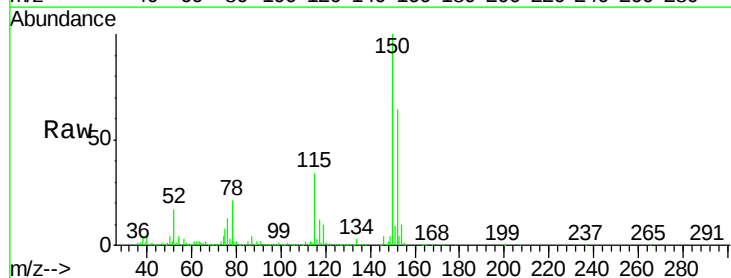
Tgt Ion:152 Resp: 331780

Ion Ratio Lower Upper

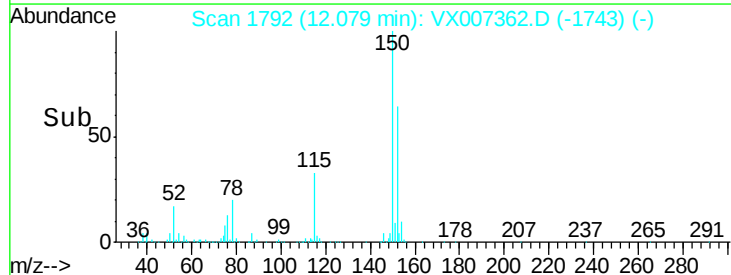
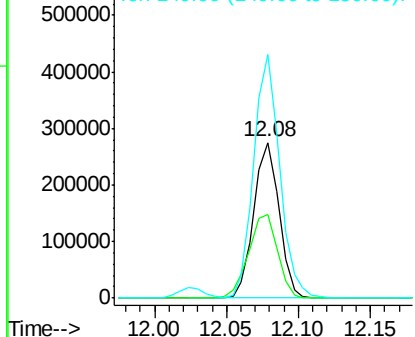
152 100

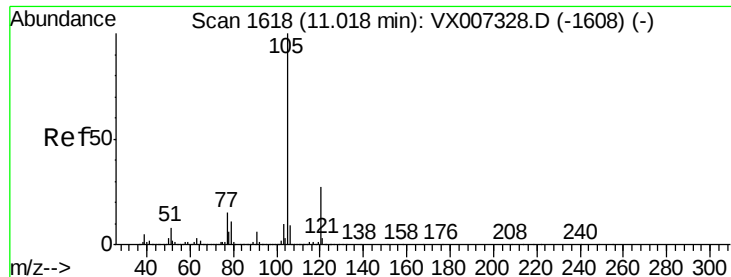
115 62.2 38.0 114.0

150 161.7 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: 20.271 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007362.D

Acq: 04 Feb 2019 16:29

Instrument :

MSVOA_X

ClientSampleId :

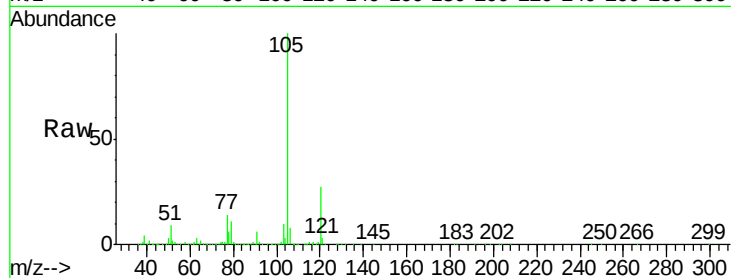
VX0204WBSD01

Tot Ion:105 Resp: 457033

Ion Ratio Lower Upper

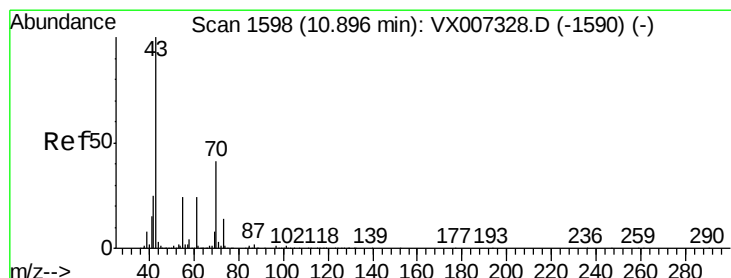
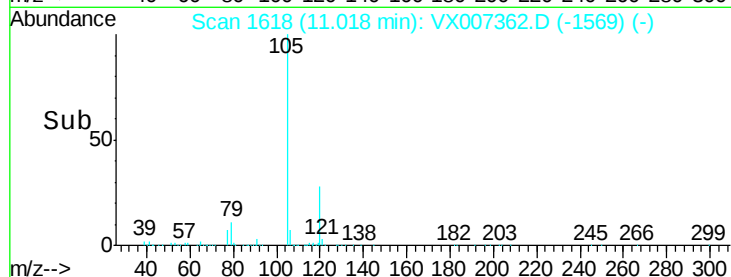
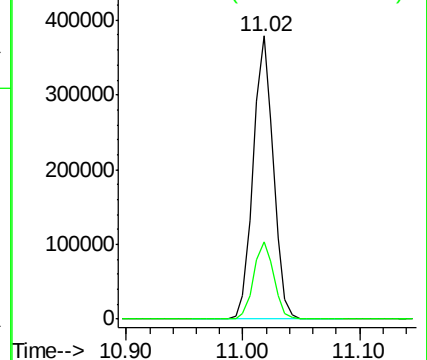
105 100

120 27.6 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: 20.789 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007362.D

Acq: 04 Feb 2019 16:29

Tgt Ion: 43 Resp: 181293

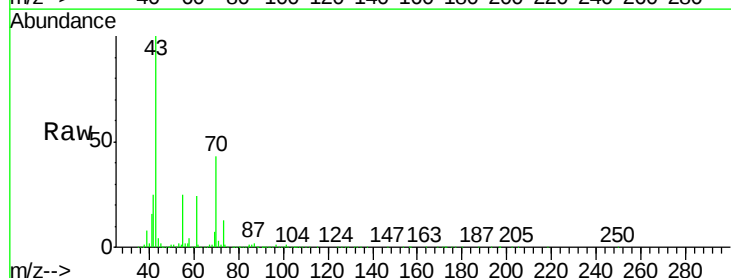
Ion Ratio Lower Upper

43 100

70 42.3 33.8 50.6

55 26.0 19.5 29.3

61 24.3 19.4 29.2

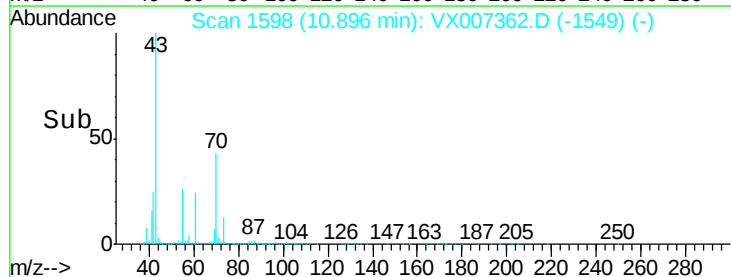
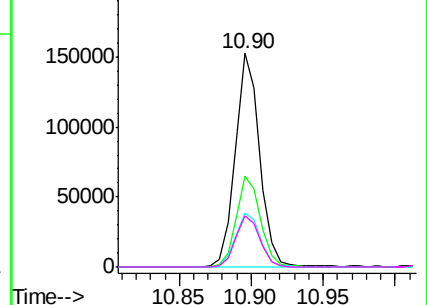


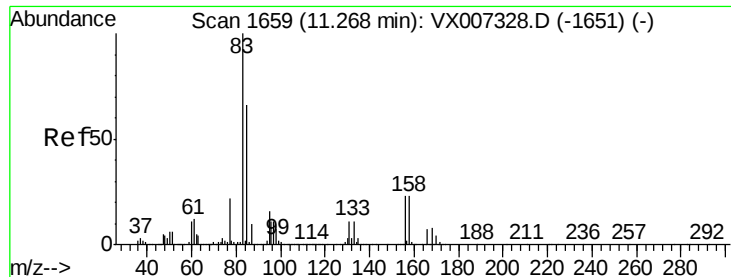
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 21.049 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007362.D

Acq: 04 Feb 2019 16:29

Instrument :

MSVOA_X

ClientSampleId :

VX0204WBSD01

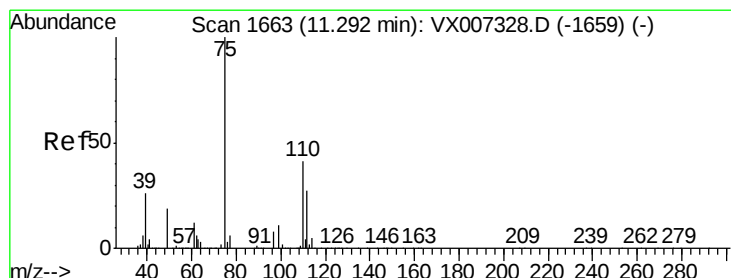
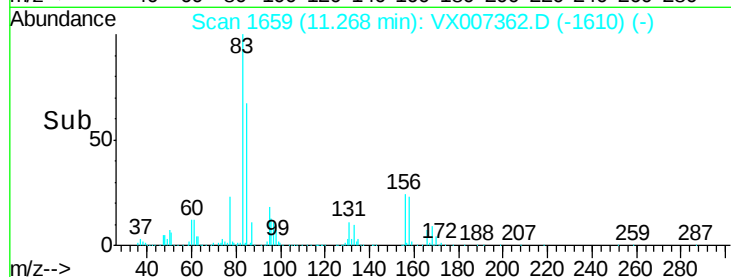
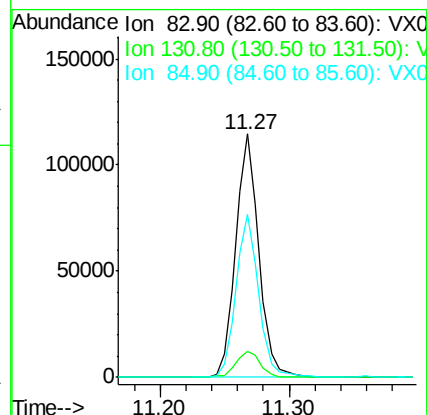
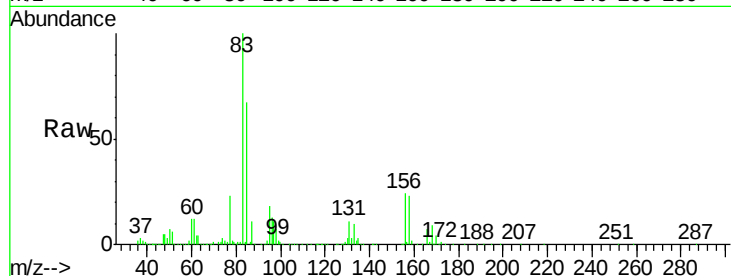
Tot Ion: 83 Resp: 144631

Ion Ratio Lower Upper

83 100

131 11.3 5.7 17.0

85 65.8 32.8 98.3



#76

1,2,3-Trichloropropane

Concen: 25.147 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.01 min

Lab File: VX007362.D

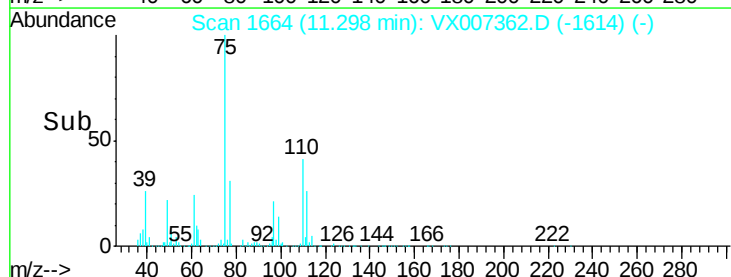
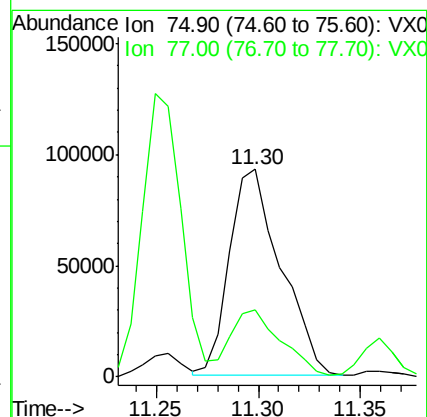
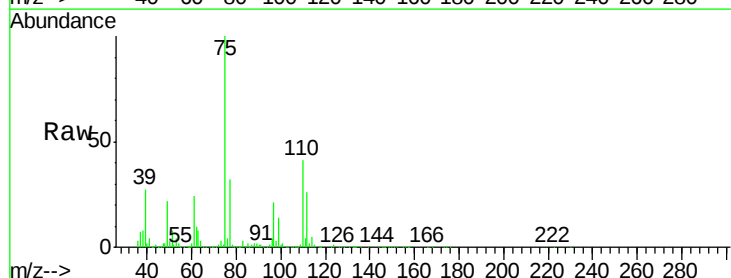
Acq: 04 Feb 2019 16:29

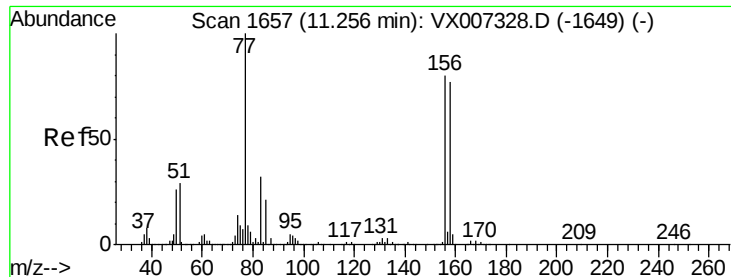
Tgt Ion: 75 Resp: 162284

Ion Ratio Lower Upper

75 100

77 31.0 23.0 69.0





#77

Bromobenzene

Concen: 19.945 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007362.D

Acq: 04 Feb 2019 16:29

Instrument :

MSVOA_X

ClientSampleId :

VX0204WBSD01

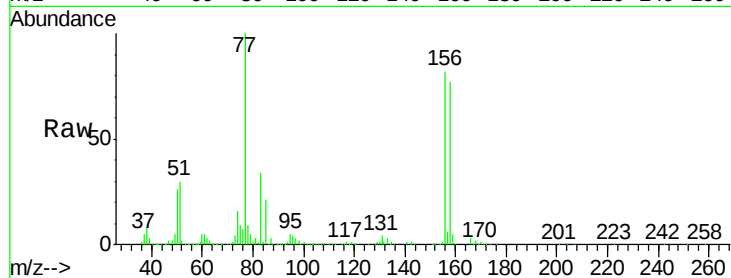
Tot Ion:156 Resp: 126700

Ion Ratio Lower Upper

156 100

77 133.4 66.8 200.6

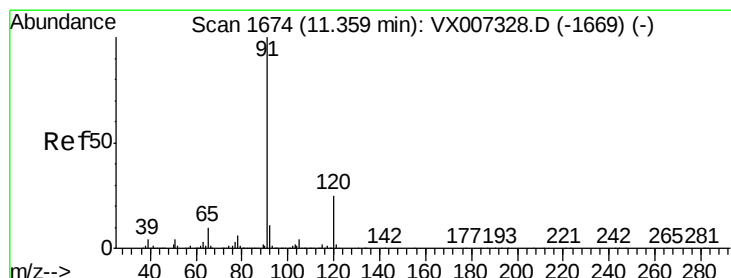
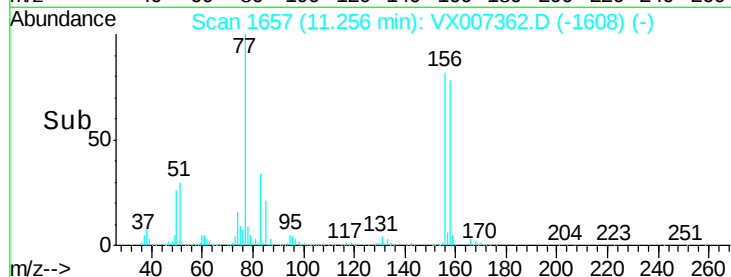
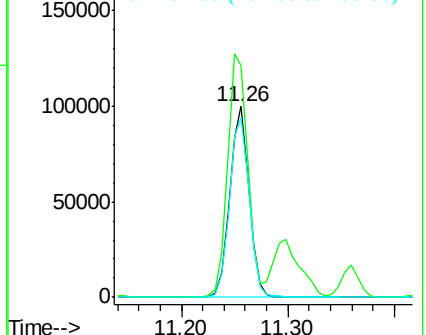
158 96.9 47.9 143.8



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: 20.361 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007362.D

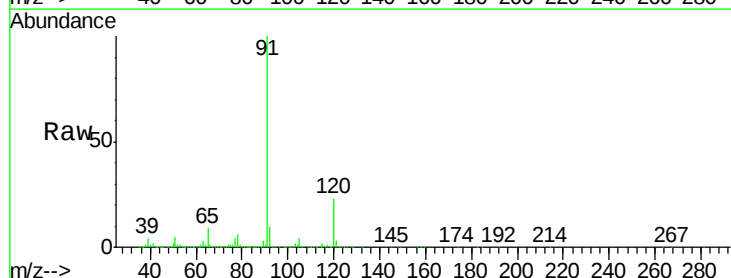
Acq: 04 Feb 2019 16:29

Tgt Ion: 91 Resp: 503398

Ion Ratio Lower Upper

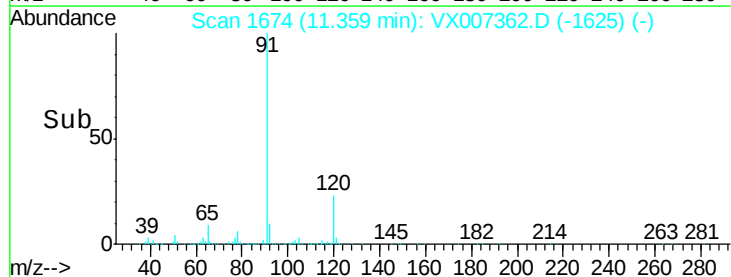
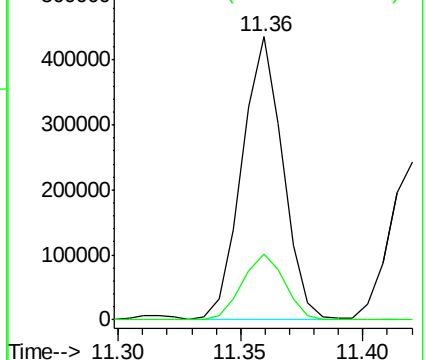
91 100

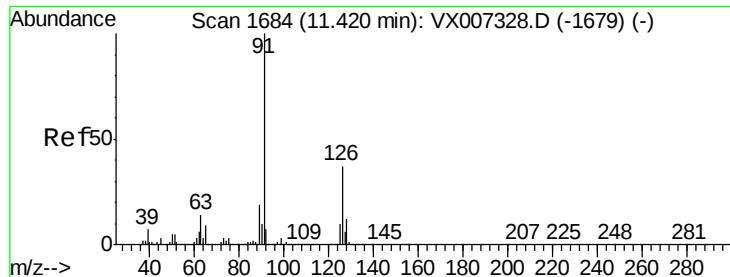
120 24.3 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.112 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007362.D

Acq: 04 Feb 2019 16:29

Instrument :

MSVOA_X

ClientSampleId :

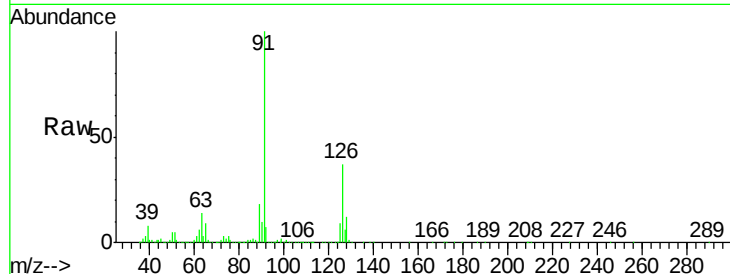
VX0204WBSD01

Tot Ion: 91 Resp: 301715

Ion Ratio Lower Upper

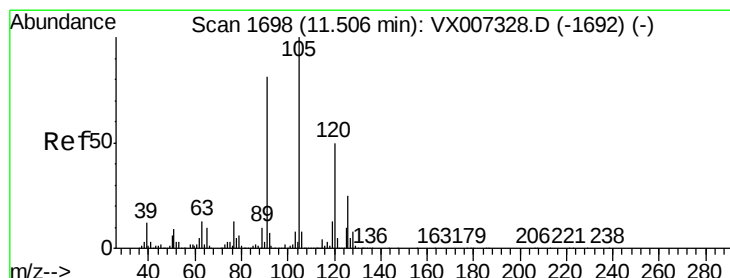
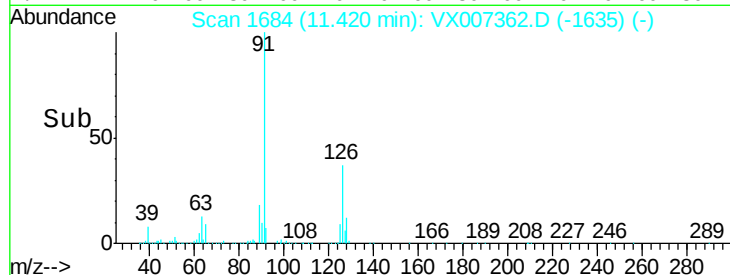
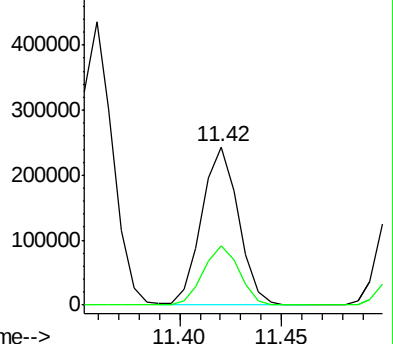
91 100

126 37.1 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VX007328.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX007328.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.105 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007362.D

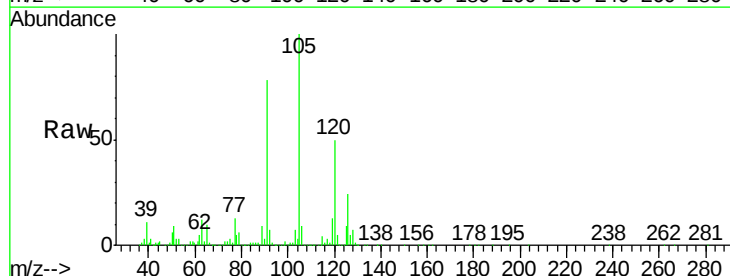
Acq: 04 Feb 2019 16:29

Tgt Ion: 105 Resp: 370851

Ion Ratio Lower Upper

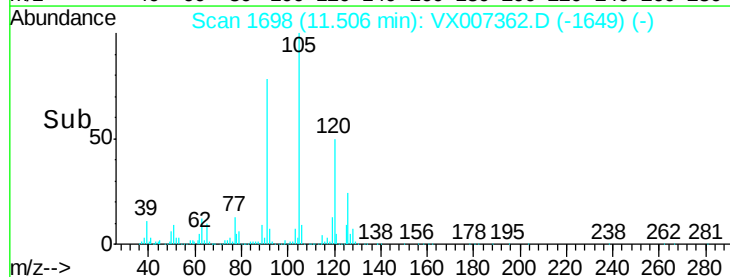
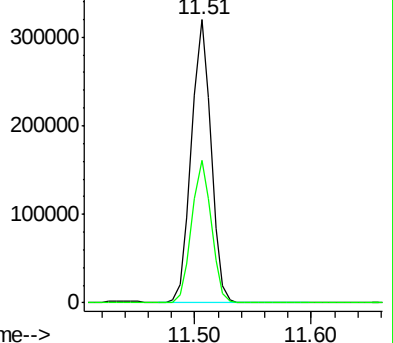
105 100

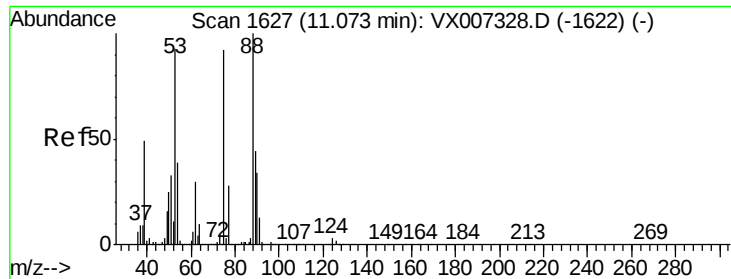
120 50.5 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VX007328.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX007328.D (-1692) (-)

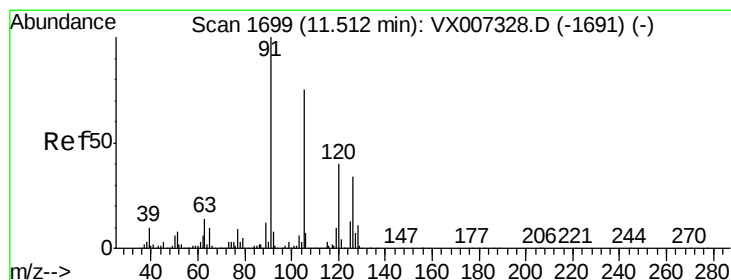
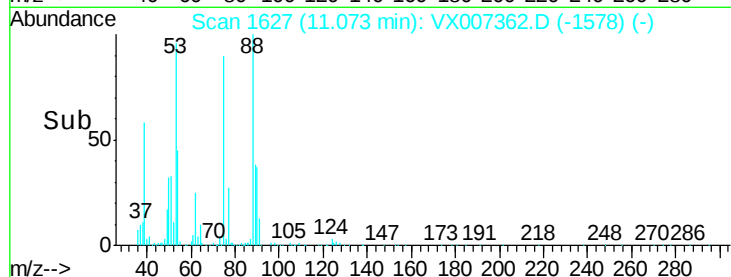
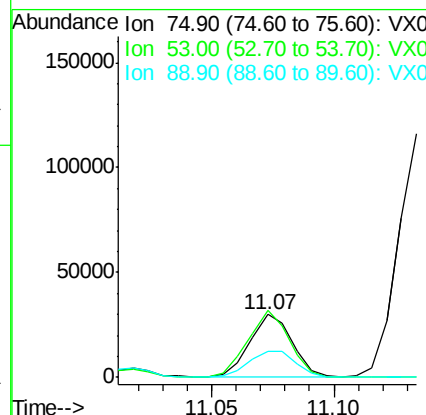
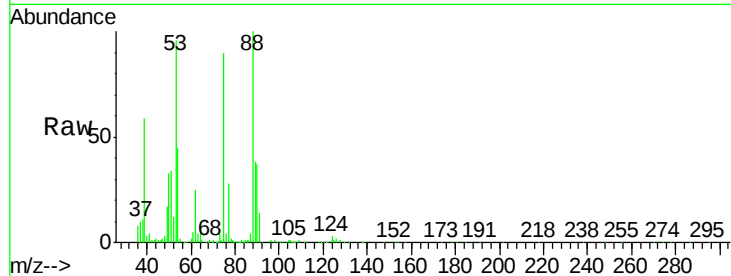




#81
trans-1,4-Dichloro-2-butene
Concen: 20.257 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007362.D
Acq: 04 Feb 2019 16:29

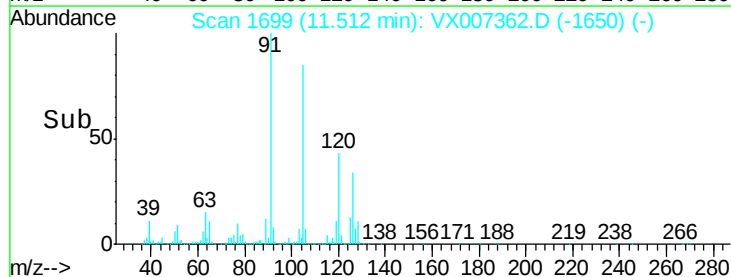
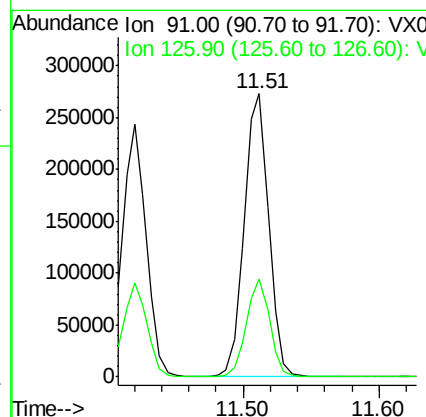
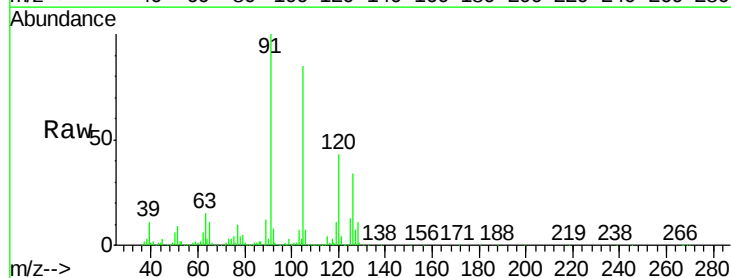
Instrument :
MSVOA_X
ClientSampleId :
VX0204WBSD01

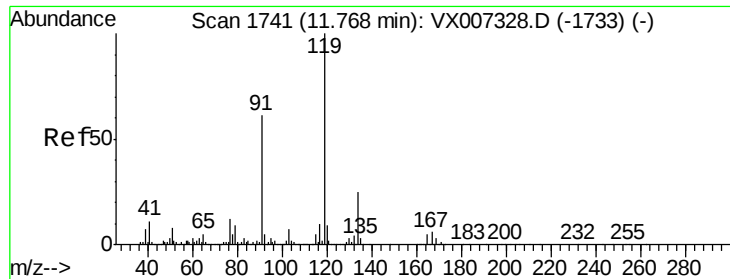
Tot Ion: 75 Resp: 36557
Ion Ratio Lower Upper
75 100
53 102.4 81.0 121.6
89 46.5 41.4 62.0



#82
4-Chlorotoluene
Concen: 19.698 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX007362.D
Acq: 04 Feb 2019 16:29

Tgt Ion: 91 Resp: 341921
Ion Ratio Lower Upper
91 100
126 33.2 16.2 48.5





#83

tert-Butylbenzene

Concen: 20.230 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX007362.D

Acq: 04 Feb 2019 16:29

Instrument :

MSVOA_X

ClientSampleId :

VX0204WBSD01

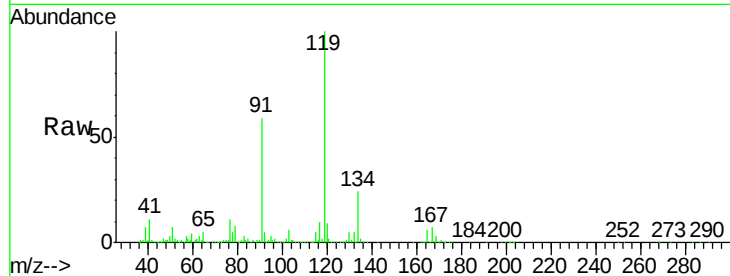
Tot Ion:119 Resp: 369436

Ion Ratio Lower Upper

119 100

91 55.2 28.5 85.6

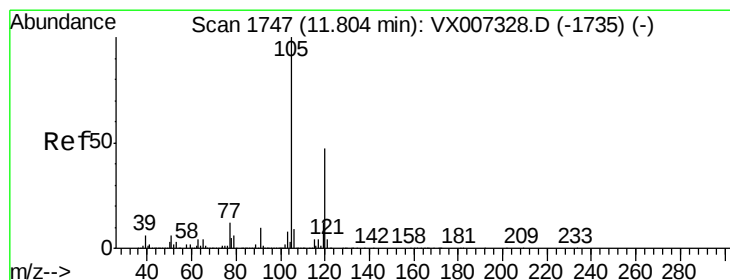
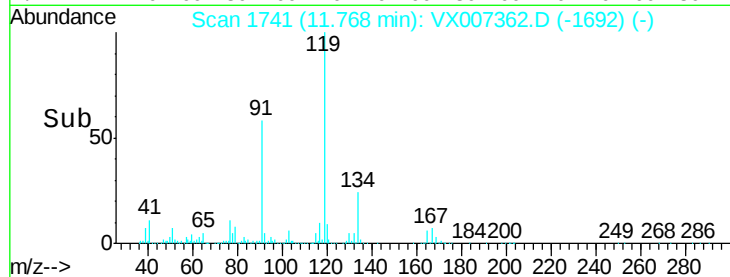
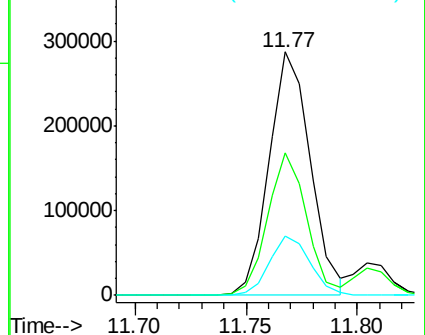
134 23.9 12.0 36.0



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: 20.880 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX007362.D

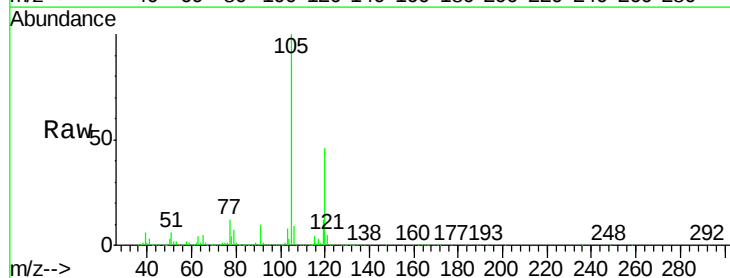
Acq: 04 Feb 2019 16:29

Tgt Ion:105 Resp: 391012

Ion Ratio Lower Upper

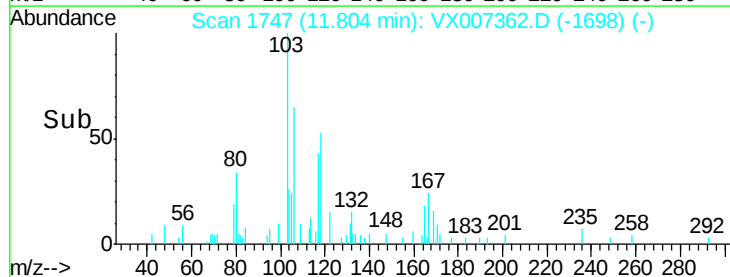
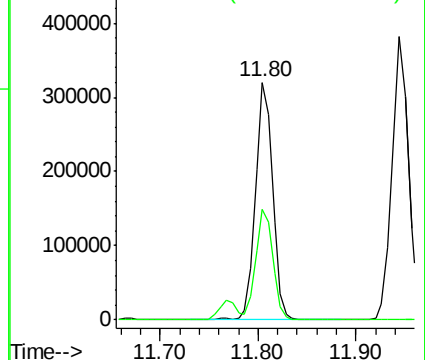
105 100

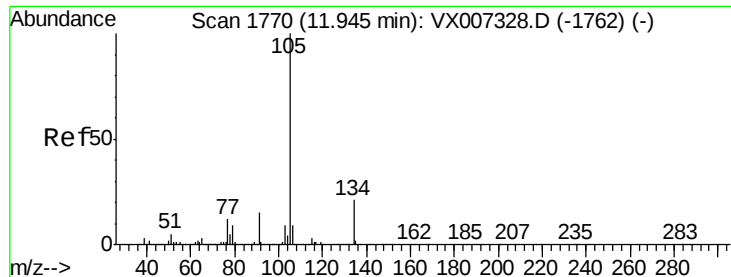
120 46.1 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

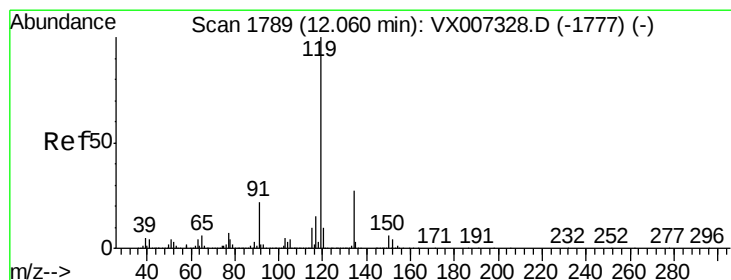
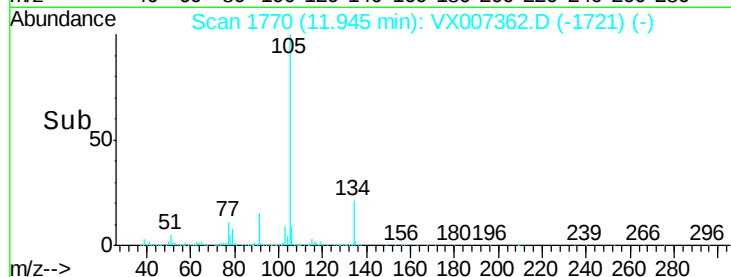
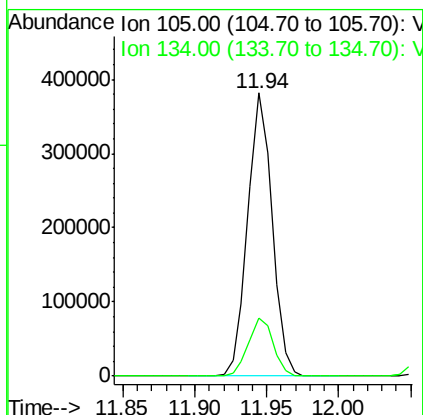
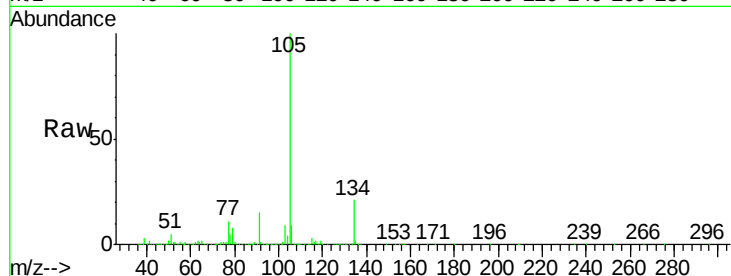




#85
 sec-Butylbenzene
 Concen: 20.225 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX007362.D
 Acq: 04 Feb 2019 16:29

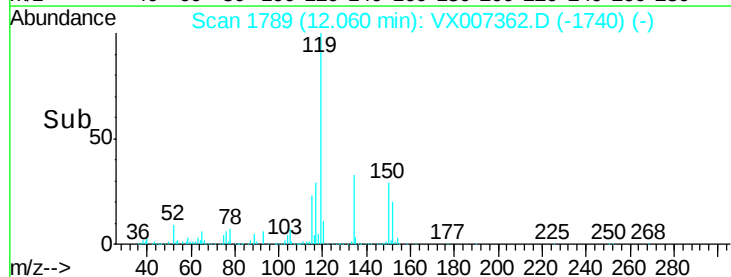
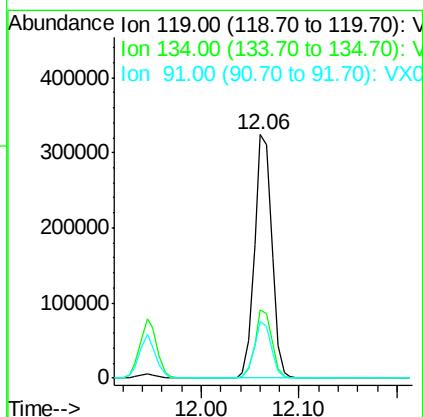
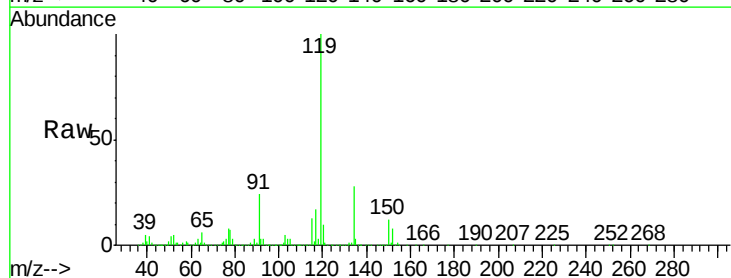
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0204WBSD01

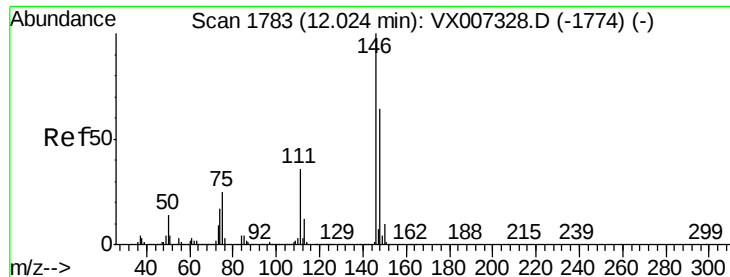
Tot Ion:105 Resp: 447022
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.6 31.8



#86
 p-Isopropyltoluene
 Concen: 19.959 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX007362.D
 Acq: 04 Feb 2019 16:29

Tgt Ion:119 Resp: 398239
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.7 41.1
 91 22.8 11.2 33.5

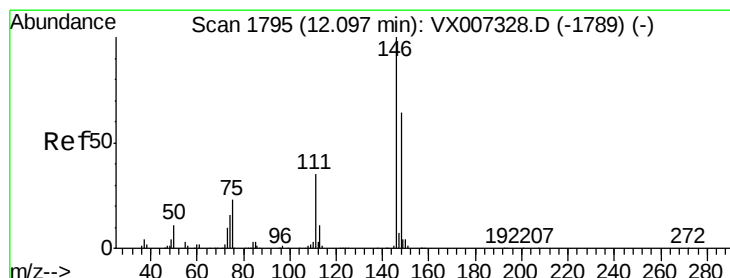
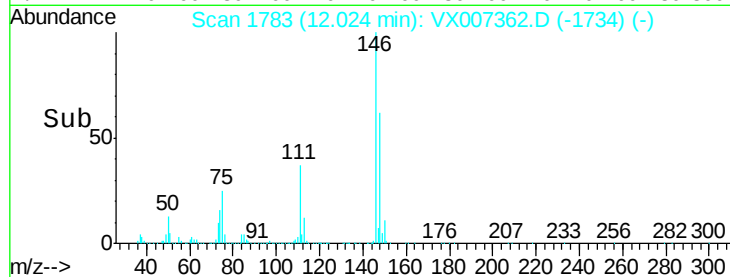
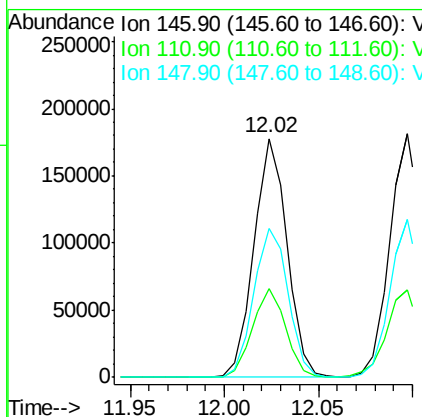
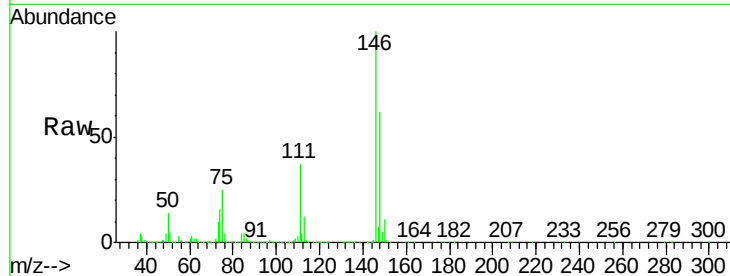




#87
 1,3-Dichlorobenzene
 Concen: 18.995 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007362.D
 Acq: 04 Feb 2019 16:29

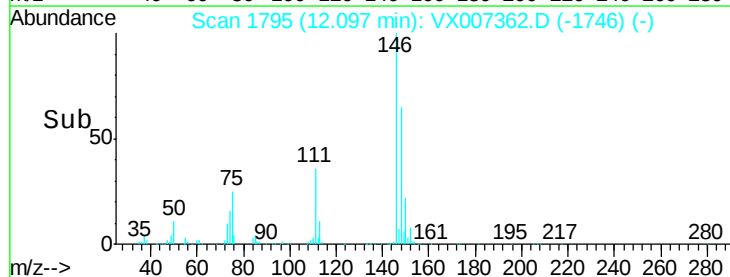
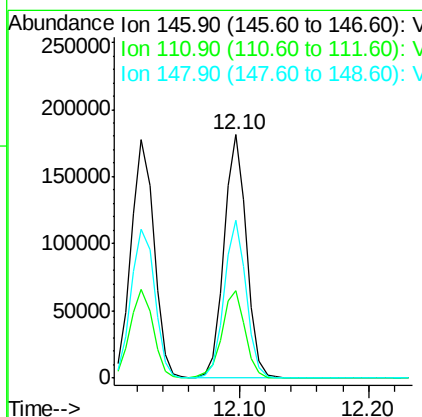
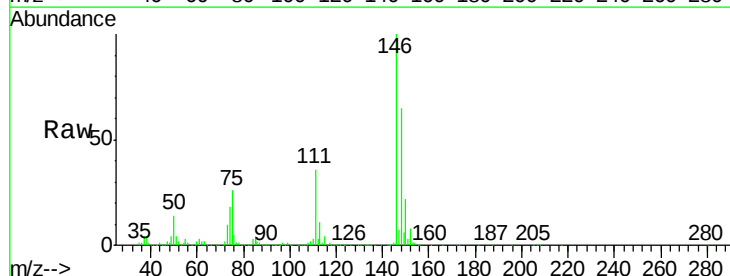
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0204WBSD01

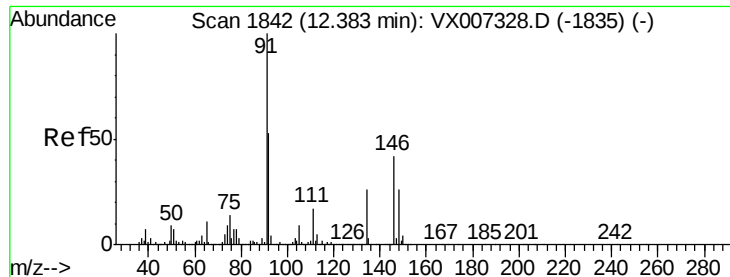
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.1	54.1
148	64.8	32.0	96.2



#88
 1,4-Dichlorobenzene
 Concen: 19.248 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007362.D
 Acq: 04 Feb 2019 16:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.1	54.1
148	63.5	32.3	96.9





#89

n-Butylbenzene

Concen: 18.998 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.01 min

Lab File: VX007362.D

Acq: 04 Feb 2019 16:29

Instrument :

MSVOA_X

ClientSampled :

VX0204WBSD01

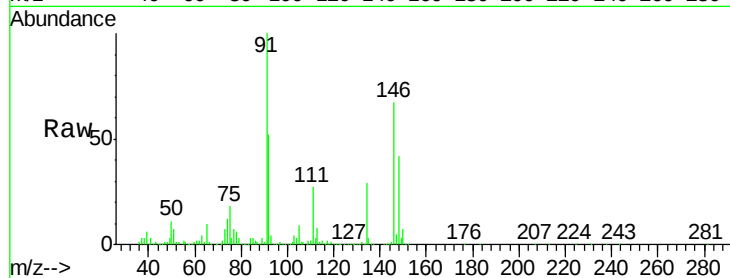
Tot Ion: 91 Resp: 326086

Ion Ratio Lower Upper

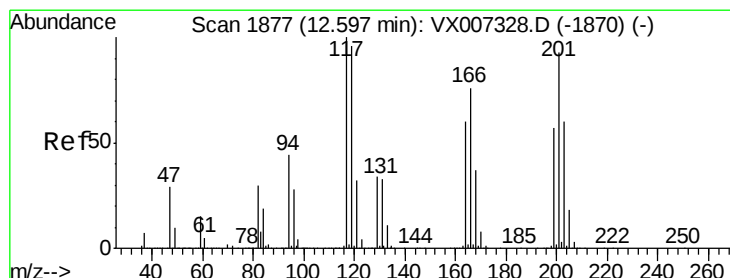
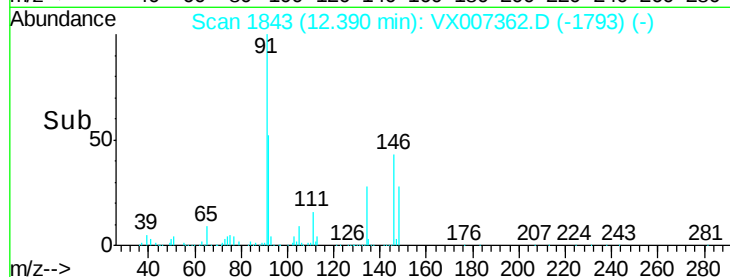
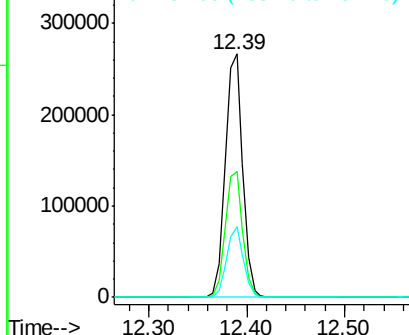
91 100

92 51.8 26.3 78.9

134 27.9 13.9 41.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 20.228 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX007362.D

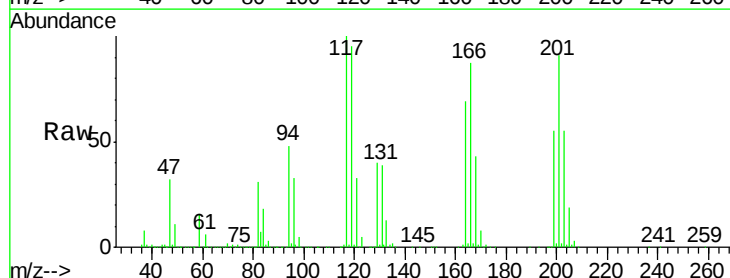
Acq: 04 Feb 2019 16:29

Tgt Ion: 117 Resp: 60403

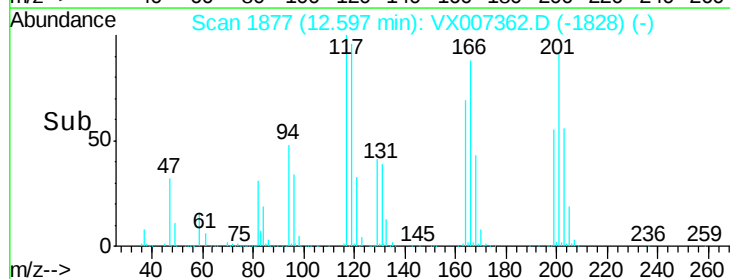
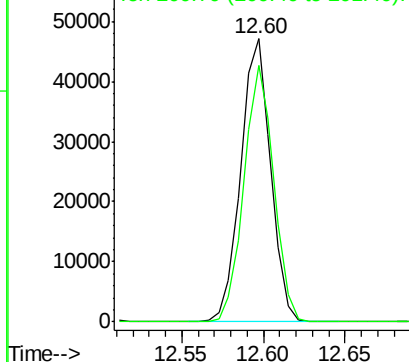
Ion Ratio Lower Upper

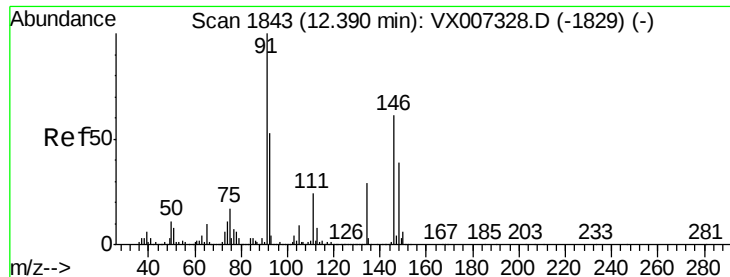
117 100

201 89.7 44.9 134.7



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 19.168 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007362.D

Acq: 04 Feb 2019 16:29

Instrument :

MSVOA_X

ClientSampleId :

VX0204WBSD01

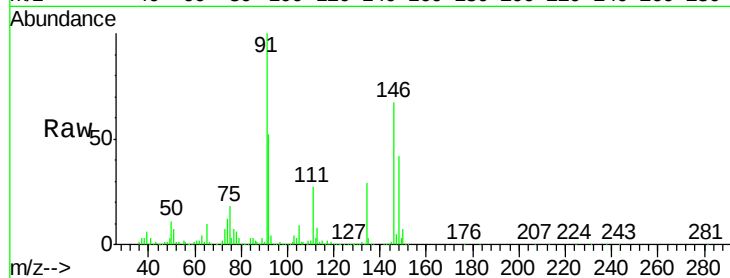
Tot Ion:146 Resp: 217479

Ion Ratio Lower Upper

146 100

111 39.6 19.1 57.3

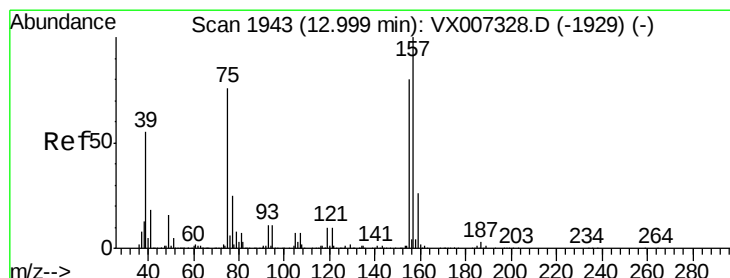
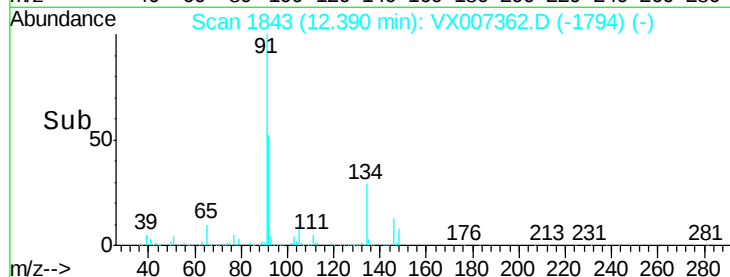
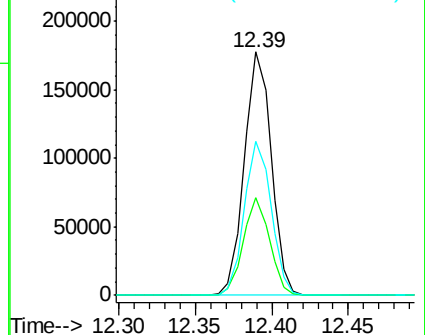
148 63.3 32.1 96.3



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: 21.092 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX007362.D

Acq: 04 Feb 2019 16:29

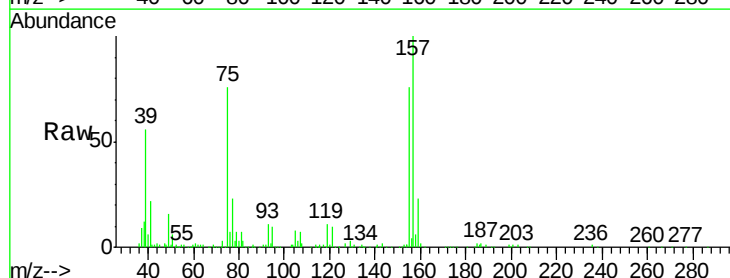
Tgt Ion: 75 Resp: 30135

Ion Ratio Lower Upper

75 100

155 98.6 49.6 149.0

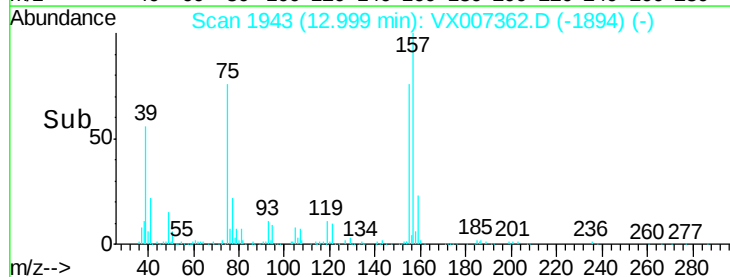
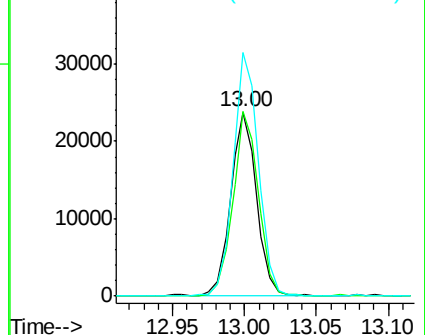
157 128.7 65.1 195.3

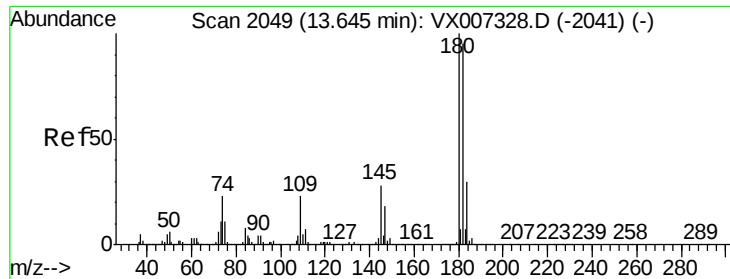


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

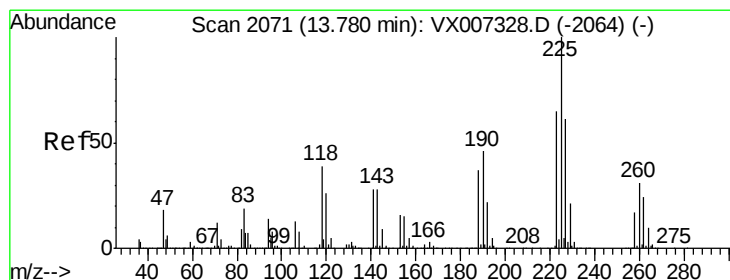
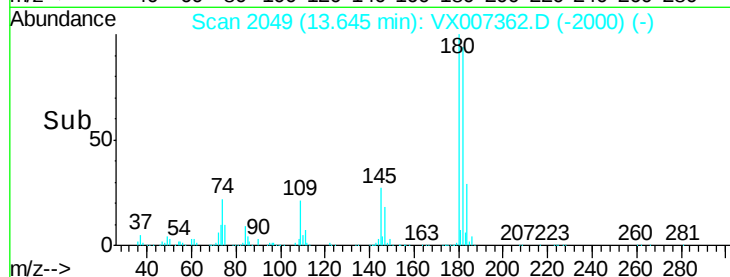
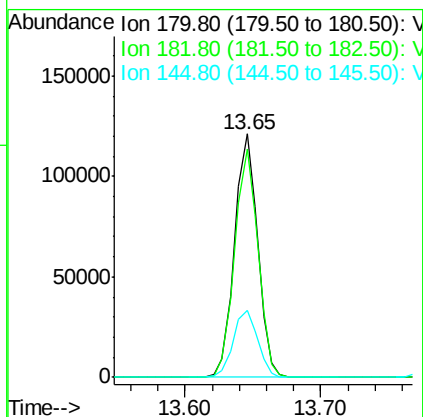
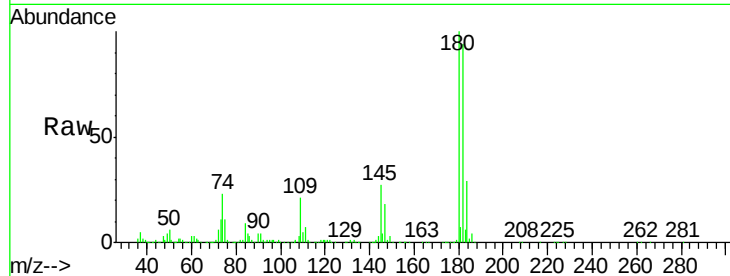




#93
 1,2,4-Trichlorobenzene
 Concen: 18.738 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007362.D
 Acq: 04 Feb 2019 16:29

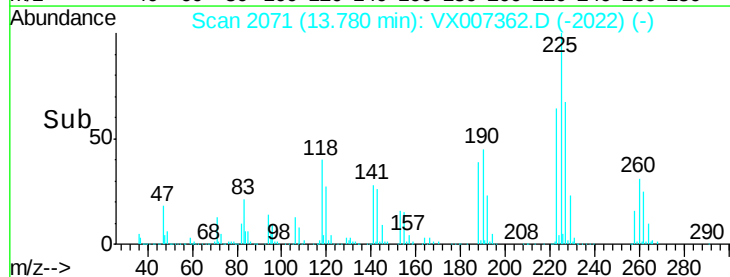
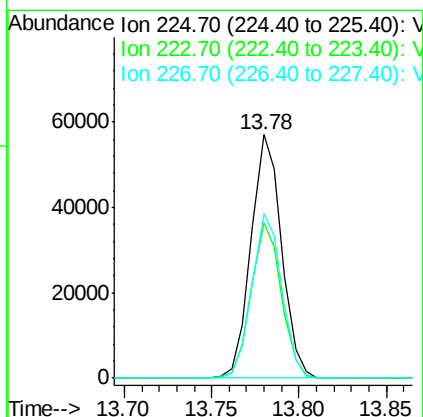
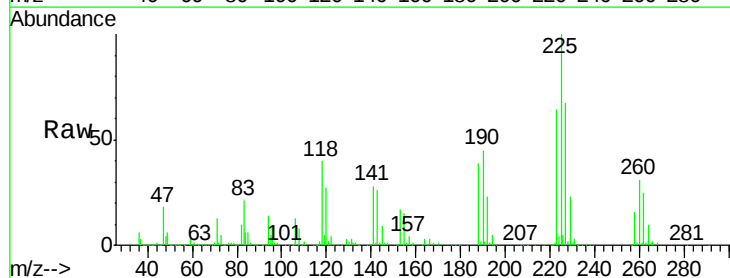
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0204WBSD01

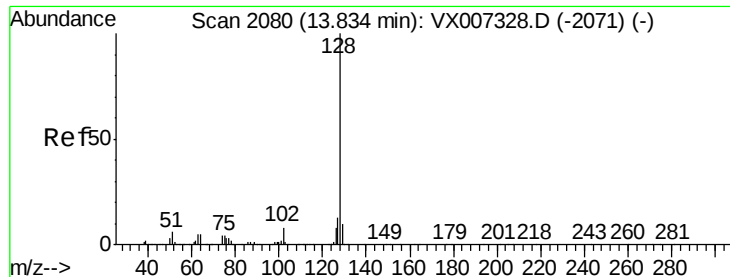
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.8	143.3
145	29.0	14.1	42.2



#94
 Hexachlorobutadiene
 Concen: 18.668 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007362.D
 Acq: 04 Feb 2019 16:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.6	94.8
227	65.7	32.1	96.3





#95

Naphthalene

Concen: 19.946 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007362.D

Acq: 04 Feb 2019 16:29

Instrument :

MSVOA_X

ClientSampleId :

VX0204WBSD01

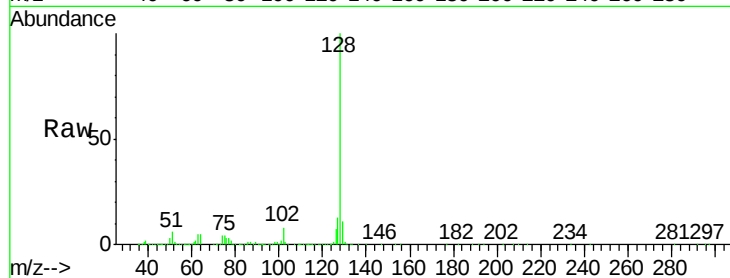
Tot Ion:128 Resp: 446289

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

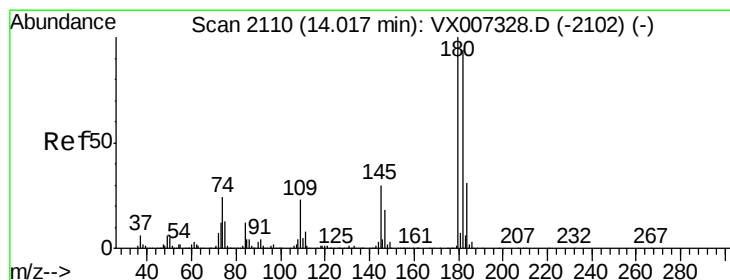
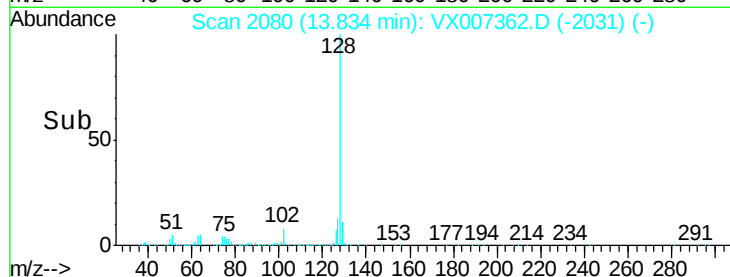
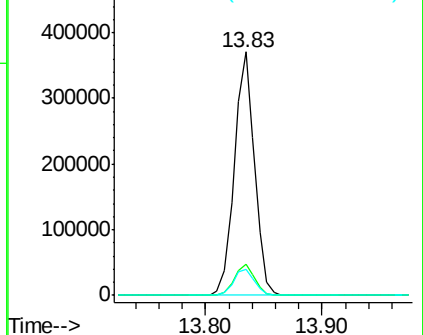
129 11.0 8.7 13.1



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: 18.751 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX007362.D

Acq: 04 Feb 2019 16:29

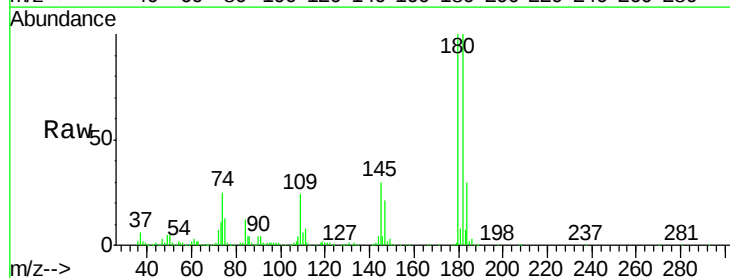
Tgt Ion:180 Resp: 144418

Ion Ratio Lower Upper

180 100

182 97.7 47.5 142.6

145 30.0 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

