

Data File : VX004017.D
Acq On : 14 Aug 2018 00:58
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC

Quant Time: Aug 14 06:55:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 06:50:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	229225	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	379195	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	374686	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	230975	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	192464	60.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.30%	
35) Dibromofluoromethane	5.51	113	153177	52.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.40%	
50) Toluene-d8	8.71	98	579373	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	
62) 4-Bromofluorobenzene	11.14	95	217270	57.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	89718	40.373	ug/l	100
3) Chloromethane	1.32	50	144267	46.055	ug/l	100
4) Vinyl Chloride	1.40	62	141588	45.607	ug/l	100
5) Bromomethane	1.64	94	79516	40.344	ug/l	100
6) Chloroethane	1.72	64	111518	54.774	ug/l	100
7) Trichlorofluoromethane	1.93	101	172971	42.632	ug/l	100
8) Diethyl Ether	2.18	74	105590	55.058	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	99335	39.458	ug/l	100
10) Methyl Iodide	2.51	142	140965	44.982	ug/l	100
11) Tert butyl alcohol	3.05	59	200937	269.081	ug/l	100
12) 1,1-Dichloroethene	2.37	96	113116	46.374	ug/l	100
13) Acrolein	2.29	56	135611	310.440	ug/l	100
14) Allyl chloride	2.73	41	242044	50.874	ug/l	100
15) Acrylonitrile	3.14	53	521086	288.802	ug/l	100
16) Acetone	2.44	43	504929	272.282	ug/l	100
17) Carbon Disulfide	2.57	76	312293	42.184	ug/l	100
18) Methyl Acetate	2.77	43	223149	55.289	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	515460	57.265	ug/l	100
20) Methylene Chloride	2.86	84	163887	36.808	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	141513	50.091	ug/l	100
22) Diisopropyl ether	3.87	45	537428	59.062	ug/l	100
23) Vinyl Acetate	3.82	43	2344157	308.363	ug/l	100
24) 1,1-Dichloroethane	3.70	63	286371	54.173	ug/l	100
25) 2-Butanone	4.70	43	835079	296.326	ug/l	100
26) 2,2-Dichloropropane	4.58	77	152024	41.783	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	171195	54.957	ug/l	100
28) Bromochloromethane	5.02	49	141060	60.853	ug/l	100
29) Tetrahydrofuran	5.15	42	421278	291.591	ug/l	100
30) Chloroform	5.21	83	280303	55.999	ug/l	100
31) Cyclohexane	5.57	56	171663	40.616	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	210548	51.312	ug/l	100
36) 1,1-Dichloropropene	5.80	75	180457	43.363	ug/l	100
37) Ethyl Acetate	4.85	43	252229	53.227	ug/l	100
38) Carbon Tetrachloride	5.78	117	173784	44.059	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	164428	34.745	ug/l	100
40) Benzene	6.14	78	637555	49.794	ug/l	100
41) Methacrylonitrile	5.06	41	137277	52.684	ug/l	100
42) 1,2-Dichloroethane	6.20	62	234945	53.479	ug/l	100
43) Isopropyl Acetate	6.46	43	386937	54.204	ug/l	100
44) Trichloroethene	7.21	130	160329	46.212	ug/l	100
45) 1,2-Dichloropropane	7.52	63	169393	51.077	ug/l	100
46) Dibromomethane	7.67	93	113883	52.473	ug/l	100
47) Bromodichloromethane	7.90	83	213690	52.588	ug/l	100
48) Methyl methacrylate	7.78	41	201173	55.482	ug/l	100
49) 1,4-Dioxane	7.76	88	90643	1068.960	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	1637099	276.592	ug/l	100
52) Toluene	8.79	92	405346	50.322	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	232637	51.131	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	251600	51.353	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	176755	52.955	ug/l	100
56) Ethyl methacrylate	9.18	69	263847	54.708	ug/l	100
57) 1,3-Dichloropropane	9.37	76	297334	52.937	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	688969	287.961	ug/l	100
59) 2-Hexanone	9.50	43	1255086	282.760	ug/l	100
60) Dibromochloromethane	9.59	129	173873	55.745	ug/l	100
61) 1,2-Dibromoethane	9.68	107	187404	55.525	ug/l	100
64) Tetrachloroethene	9.34	164	151626	42.029	ug/l	100
65) Chlorobenzene	10.14	112	442342	46.090	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	166068	50.003	ug/l	100
67) Ethyl Benzene	10.25	91	726747	46.397	ug/l	100
68) m/p-Xylenes	10.36	106	581532	94.633	ug/l	100
69) o-Xylene	10.70	106	290435	49.831	ug/l	100
70) Styrene	10.71	104	505155	52.392	ug/l	100
71) Bromoform	10.86	173	135003	53.699	ug/l	100
73) Isopropylbenzene	11.02	105	709843	43.191	ug/l	100
74) N-amyl acetate	6.46	43	386937	44.445	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	280070	47.647	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	311885	60.891	ug/l	87
77) Bromobenzene	11.26	156	210771	46.326	ug/l	100
78) n-propylbenzene	11.36	91	817850	43.634	ug/l	100
79) 2-Chlorotoluene	11.42	91	516355	44.660	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	605187	44.310	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	74878	45.850	ug/l	100
82) 4-Chlorotoluene	11.51	91	605202	44.724	ug/l	100
83) tert-Butylbenzene	11.77	119	582575	43.667	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	655885	47.448	ug/l	100
85) sec-Butylbenzene	11.95	105	635775	40.947	ug/l	100
86) p-Isopropyltoluene	12.07	119	589973	42.167	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	379460	45.389	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	391135	44.964	ug/l	100
89) n-Butylbenzene	12.39	91	471761	39.073	ug/l	100
90) Hexachloroethane	12.60	117	84741	37.819	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	382869	46.203	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	51283	43.941	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081418\
Quantitation Report (Not Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	239827	41.151	ug/l	100
94) Hexachlorobutadiene	13.79	225	84793	31.874	ug/l	100
95) Naphthalene	13.83	128	854216	50.297	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	267572	45.375	ug/l	100

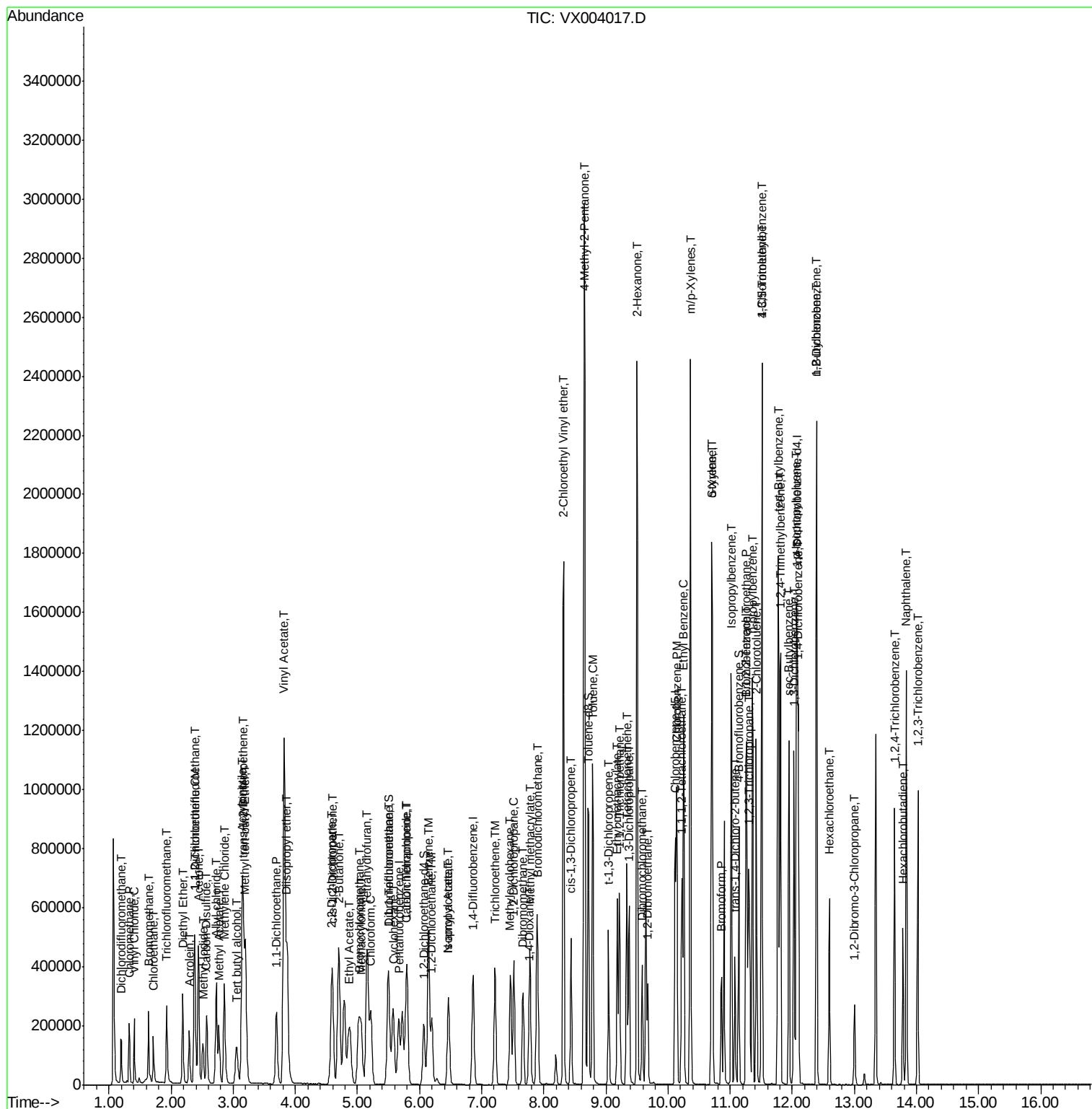
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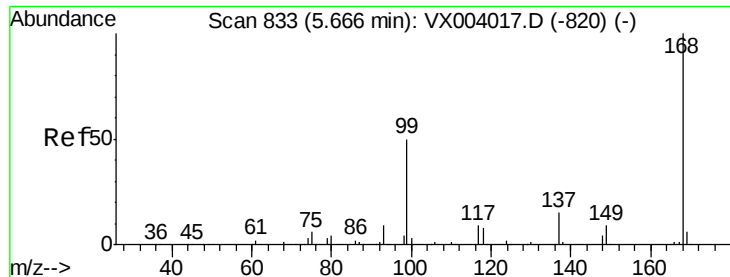
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Instrument :
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ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX004017.D

Acq: 14 Aug 2018 00:58

Instrument :

MSVOA_X

ClientSampleId :

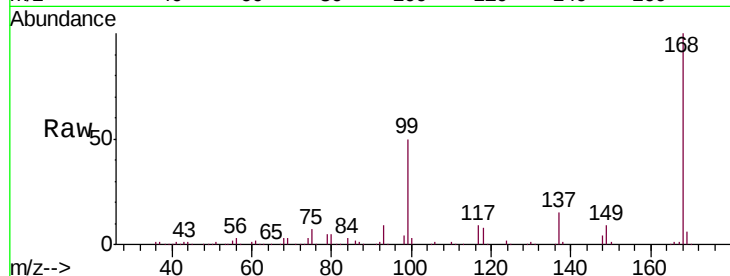
VSTDICC

Tgt Ion:168 Resp: 229225

Ion Ratio Lower Upper

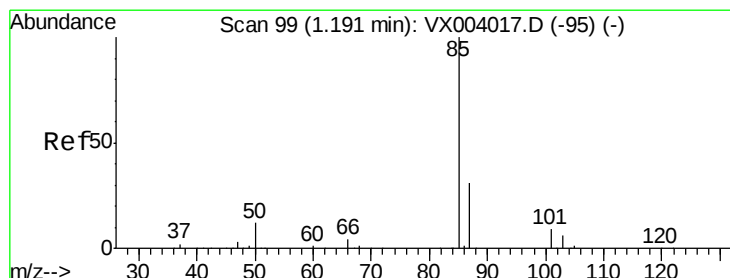
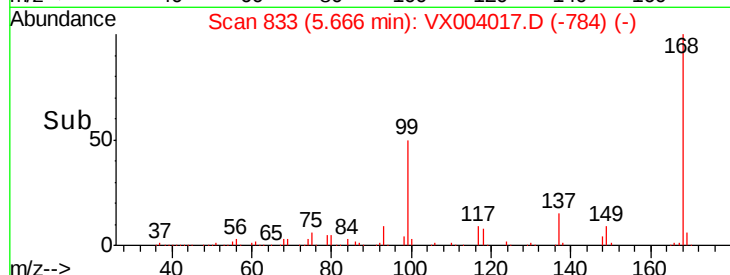
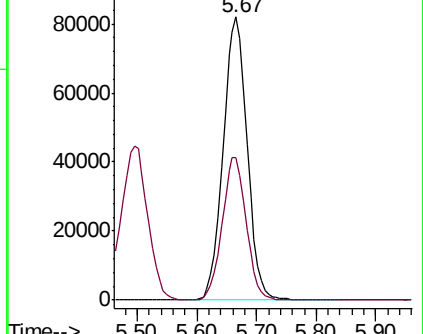
168 100

99 50.1 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 40.373 ug/l

RT: 1.19 min Scan# 99

Delta R.T. 0.00 min

Lab File: VX004017.D

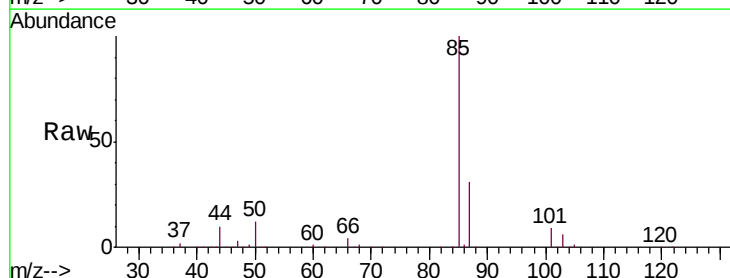
Acq: 14 Aug 2018 00:58

Tgt Ion: 85 Resp: 89718

Ion Ratio Lower Upper

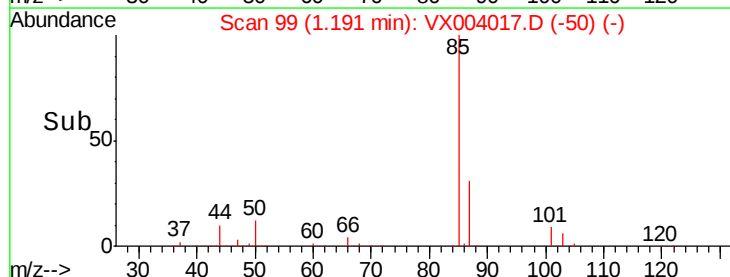
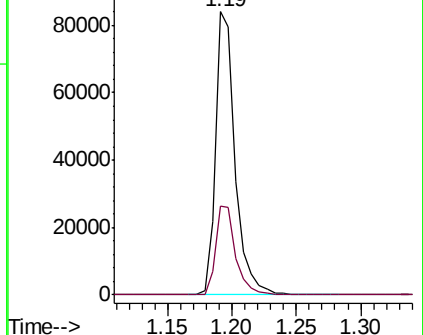
85 100

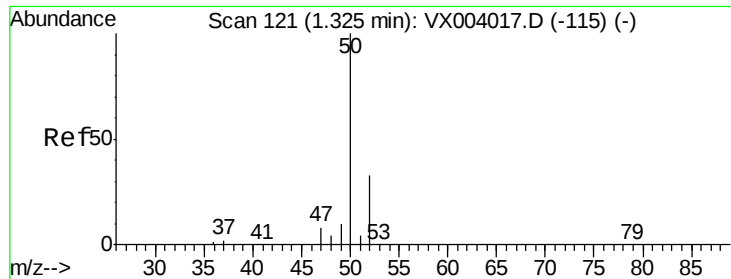
87 31.5 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 46.055 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX004017.D

Acq: 14 Aug 2018 00:58

Instrument :

MSVOA_X

ClientSampleId :

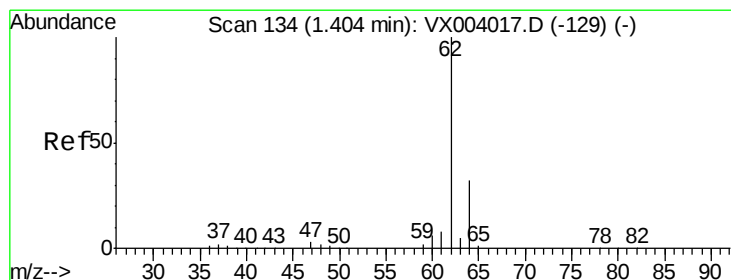
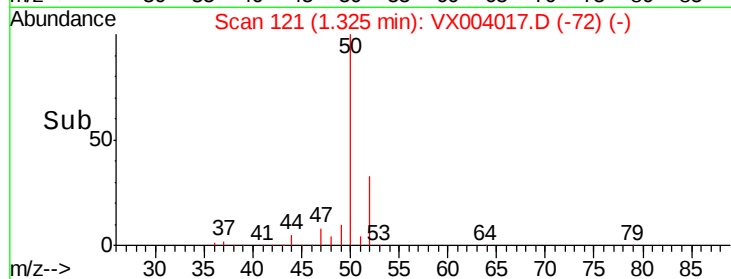
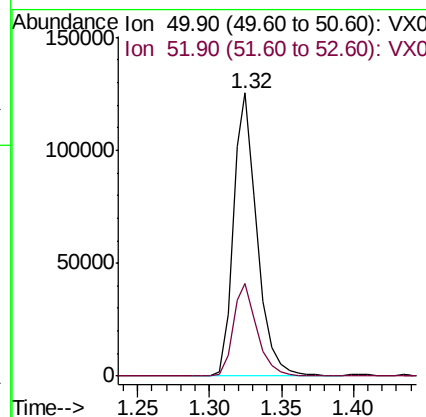
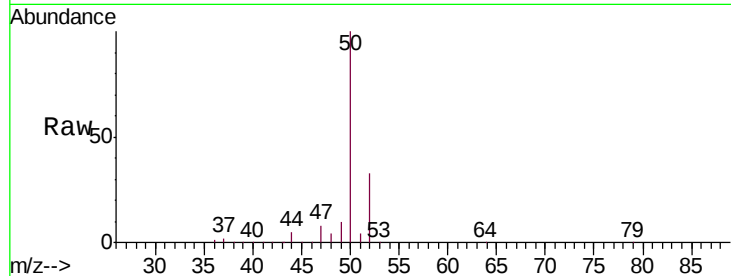
VSTDICC

Tgt Ion: 50 Resp: 144267

Ion Ratio Lower Upper

50 100

52 32.7 26.2 39.2



#4

Vinyl Chloride

Concen: 45.607 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX004017.D

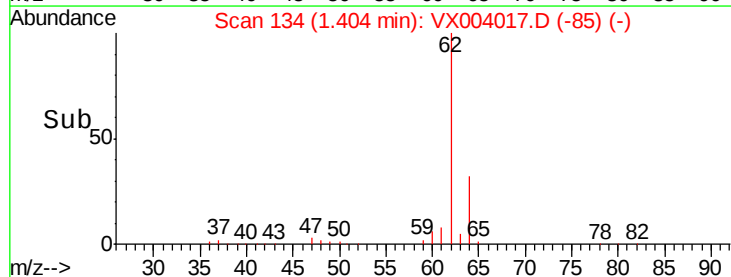
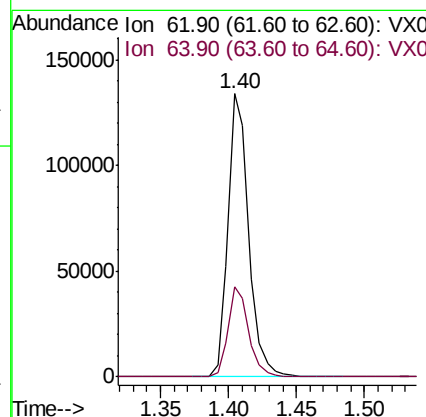
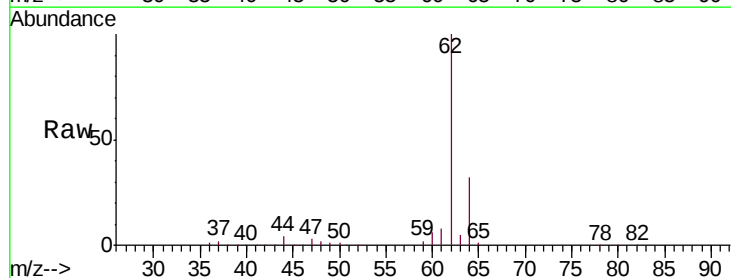
Acq: 14 Aug 2018 00:58

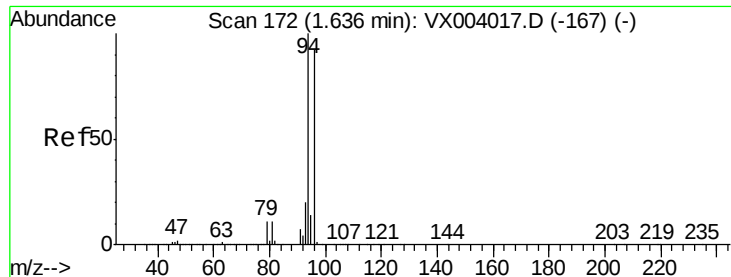
Tgt Ion: 62 Resp: 141588

Ion Ratio Lower Upper

62 100

64 32.0 25.6 38.4





#5

Bromomethane

Concen: 40.344 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX004017.D

Acq: 14 Aug 2018 00:58

Instrument :

MSVOA_X

ClientSampleId :

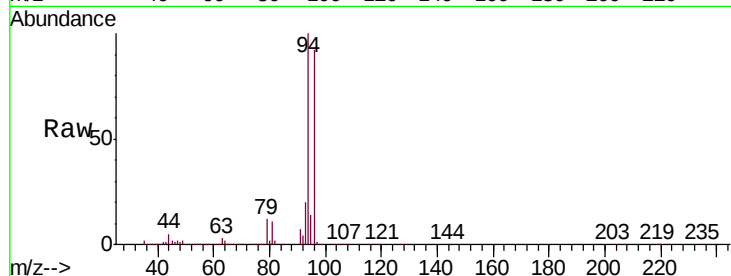
VSTDICC

Tgt Ion: 94 Resp: 79516

Ion Ratio Lower Upper

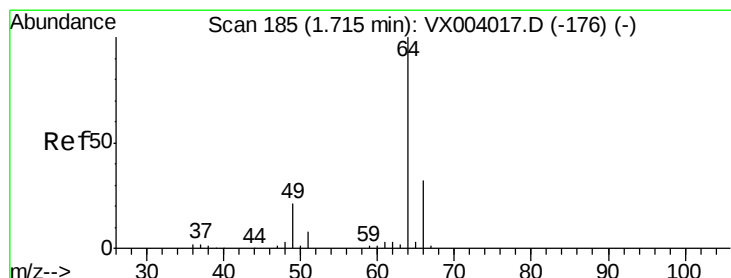
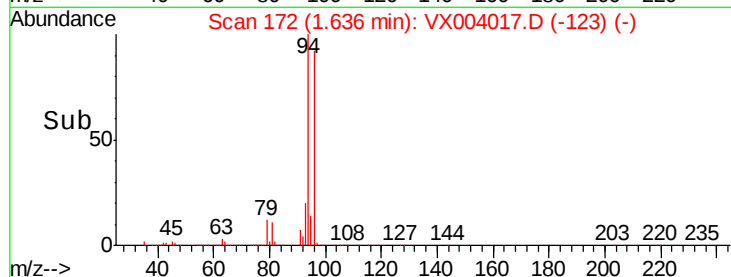
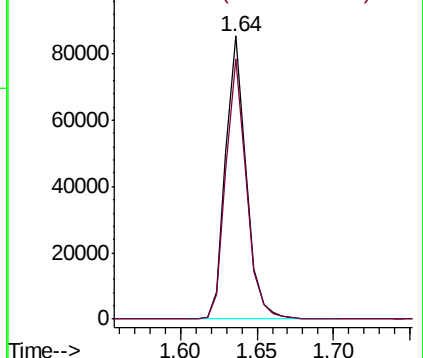
94 100

96 92.3 73.8 110.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 54.774 ug/l

RT: 1.72 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX004017.D

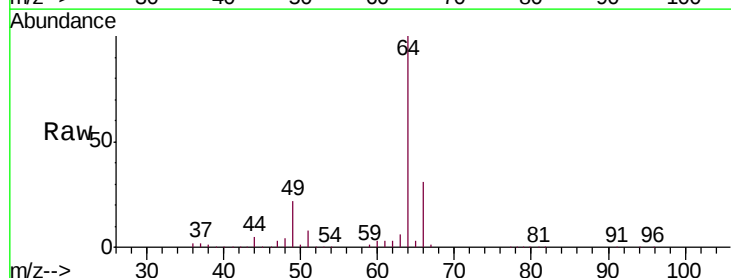
Acq: 14 Aug 2018 00:58

Tgt Ion: 64 Resp: 111518

Ion Ratio Lower Upper

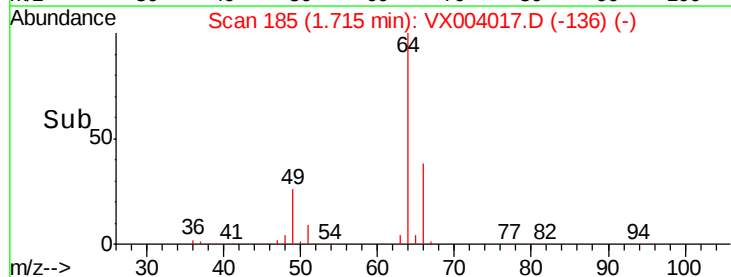
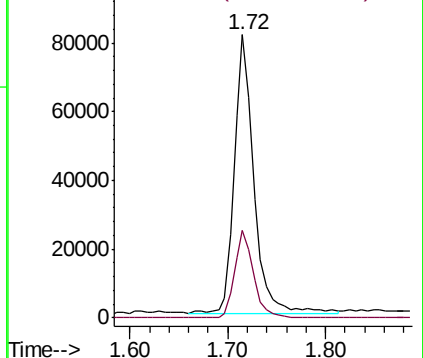
64 100

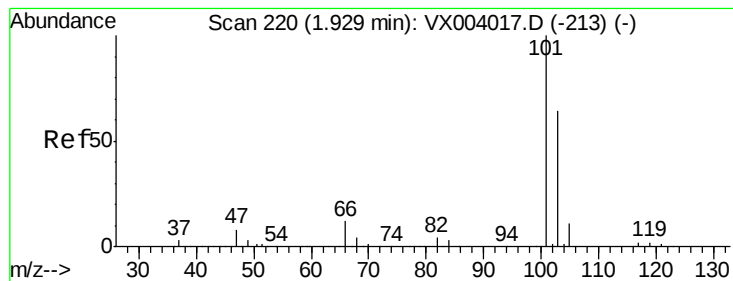
66 31.5 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



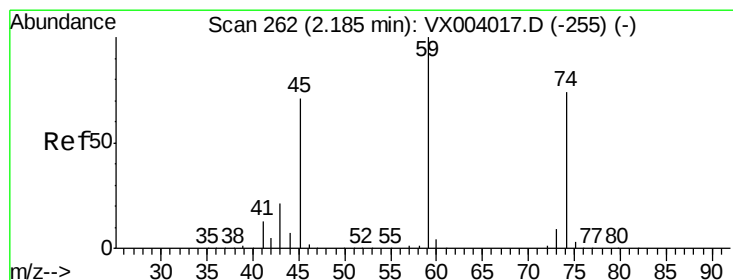
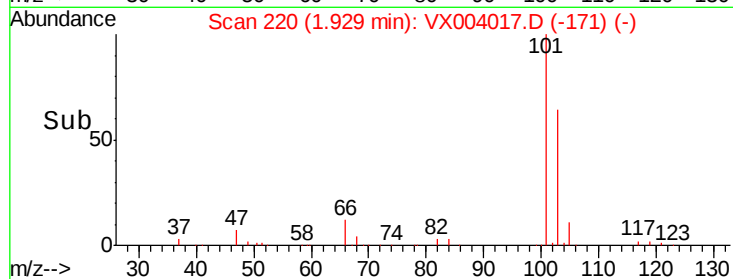
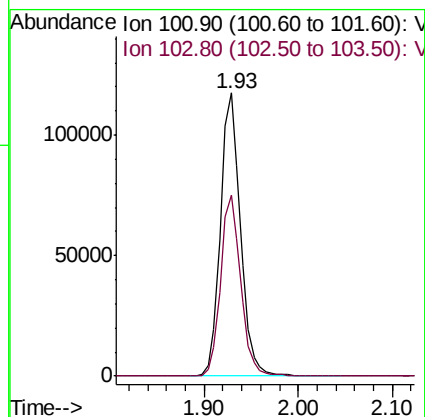
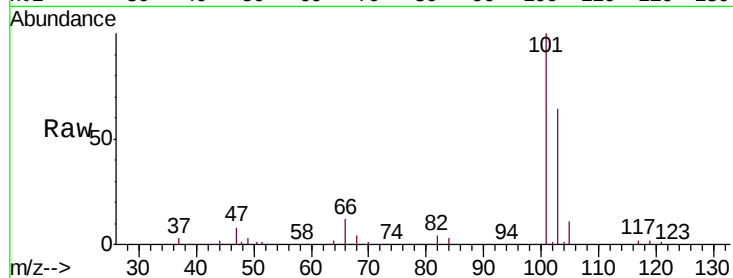


#7

Trichlorofluoromethane
 Concen: 42.632 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX004017.D
 Acq: 14 Aug 2018 00:58

Instrument :
 MSVOA_X
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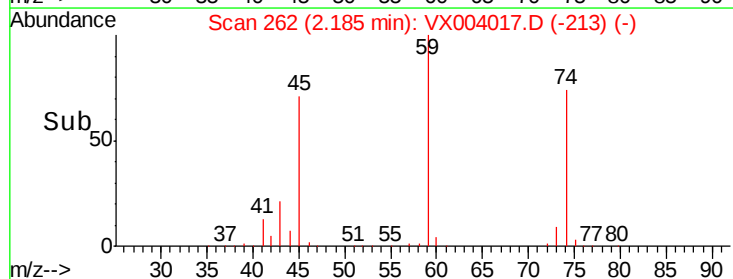
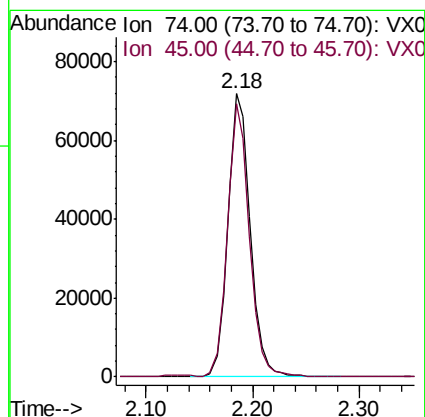
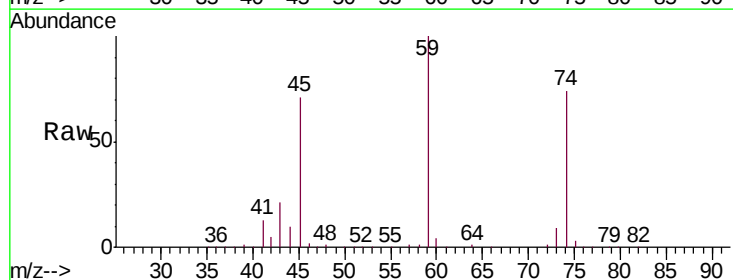
Tgt Ion:101 Resp: 172971
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.3 76.9

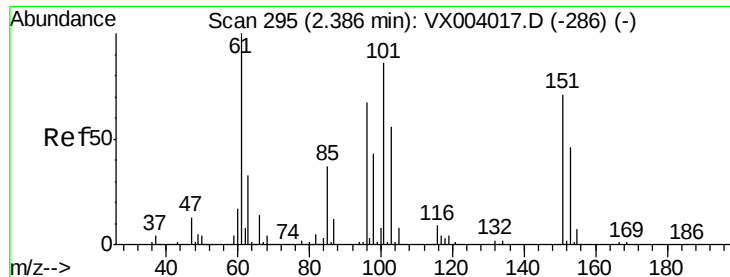


#8

Diethyl Ether
 Concen: 55.058 ug/l
 RT: 2.18 min Scan# 262
 Delta R.T. 0.00 min
 Lab File: VX004017.D
 Acq: 14 Aug 2018 00:58

Tgt Ion: 74 Resp: 105590
 Ion Ratio Lower Upper
 74 100
 45 93.7 46.9 140.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 39.458 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX004017.D

Acq: 14 Aug 2018 00:58

Instrument :

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ClientSampleId :

VSTDICC

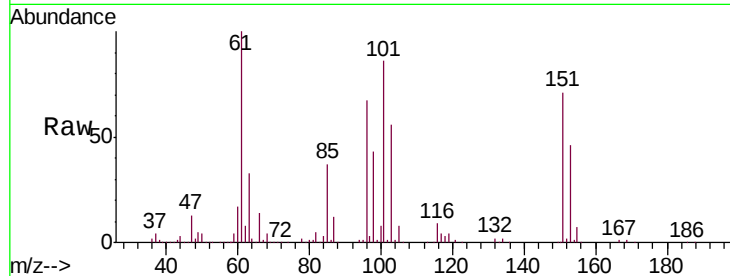
Tgt Ion:101 Resp: 99335

Ion Ratio Lower Upper

101 100

85 42.5 34.0 51.0

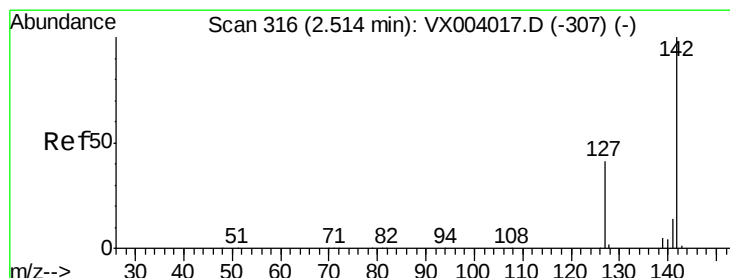
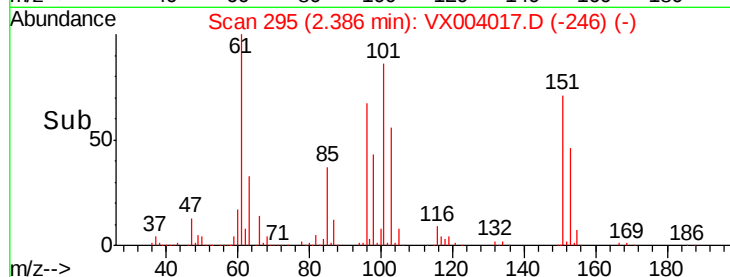
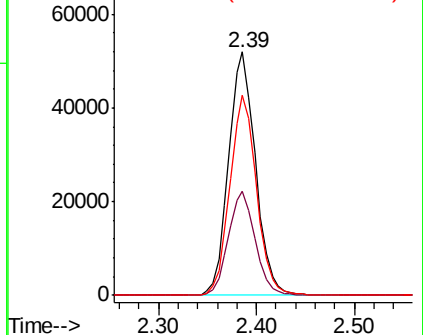
151 81.3 65.0 97.6



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: 44.982 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX004017.D

Acq: 14 Aug 2018 00:58

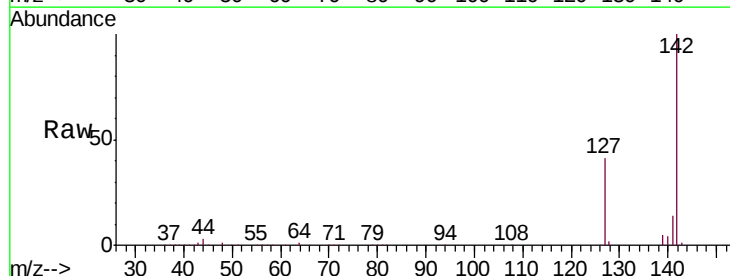
Tgt Ion:142 Resp: 140965

Ion Ratio Lower Upper

142 100

127 41.9 33.5 50.3

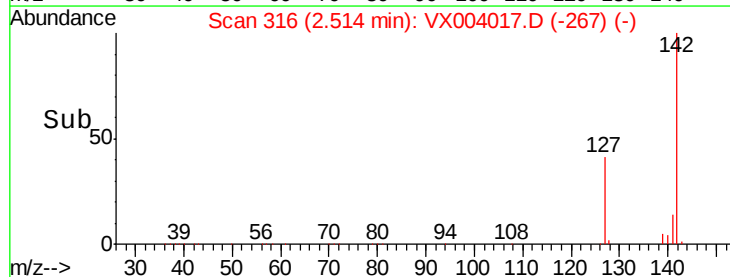
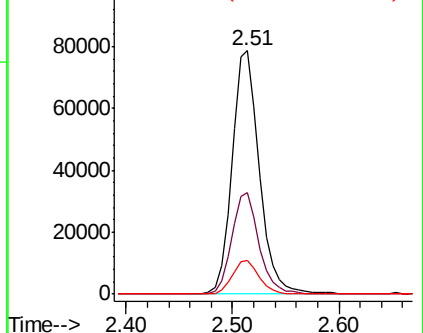
141 13.8 11.0 16.6

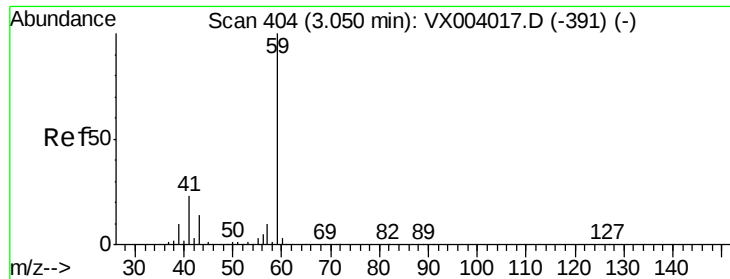


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



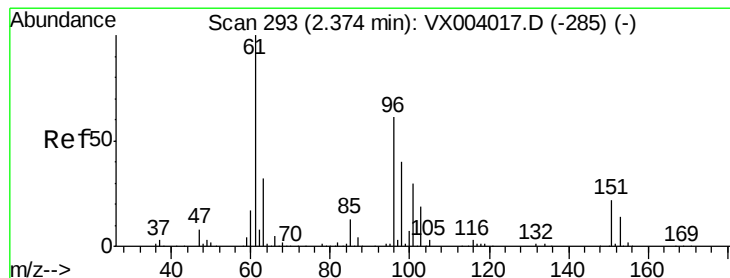
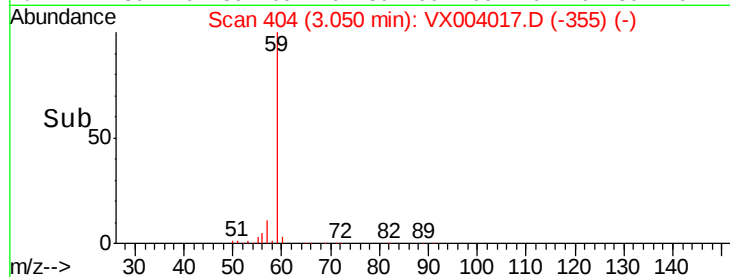
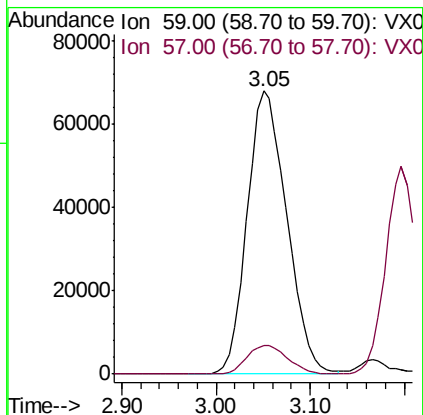
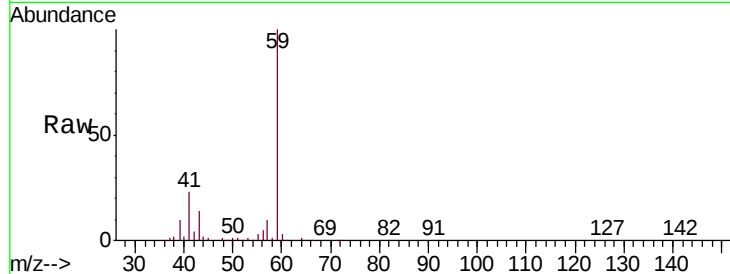


#11

Tert butyl alcohol
 Concen: 269.081 ug/l
 RT: 3.05 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: VX004017.D
 Acq: 14 Aug 2018 00:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC

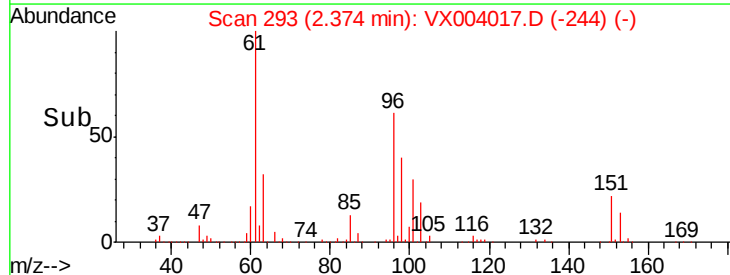
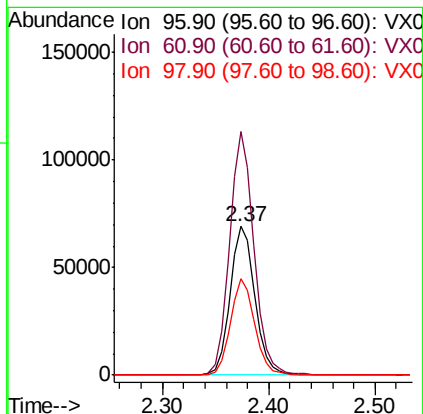
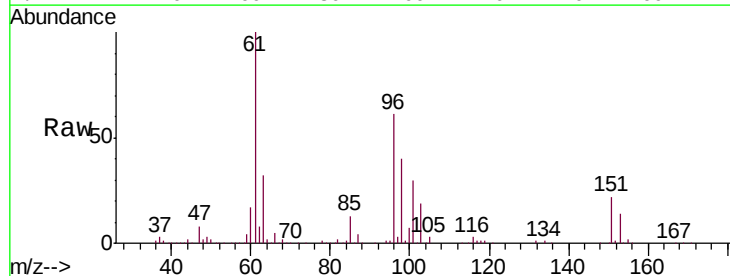
Tgt Ion: 59 Resp: 200937
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.5 12.7

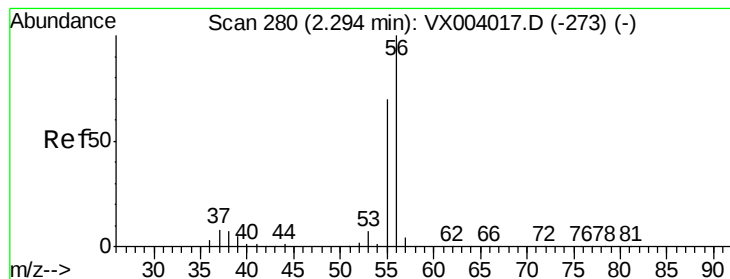


#12

1,1-Dichloroethene
 Concen: 46.374 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX004017.D
 Acq: 14 Aug 2018 00:58

Tgt Ion: 96 Resp: 113116
 Ion Ratio Lower Upper
 96 100
 61 164.0 131.2 196.8
 98 65.0 52.0 78.0





#13

Acrolein

Concen: 310.440 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX004017.D

Acq: 14 Aug 2018 00:58

Instrument :

MSVOA_X

ClientSampleId :

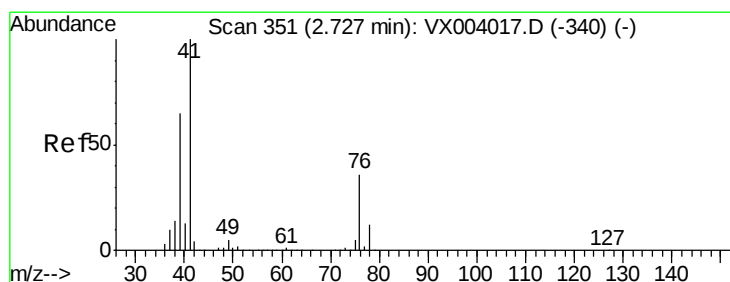
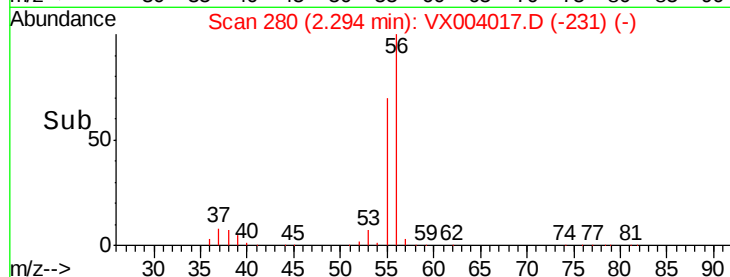
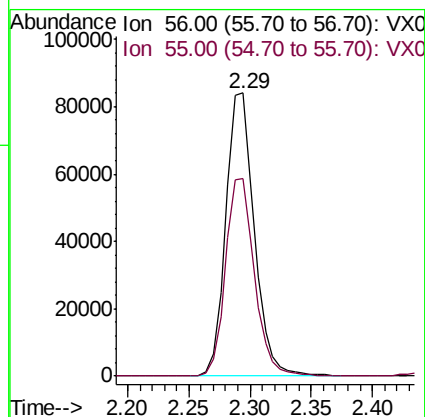
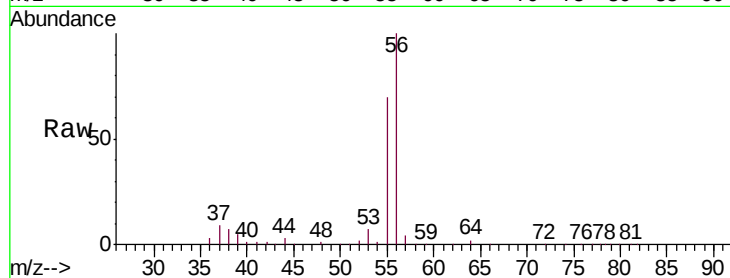
VSTDICC

Tgt Ion: 56 Resp: 135611

Ion Ratio Lower Upper

56 100

55 71.1 56.9 85.3



#14

Allyl chloride

Concen: 50.874 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX004017.D

Acq: 14 Aug 2018 00:58

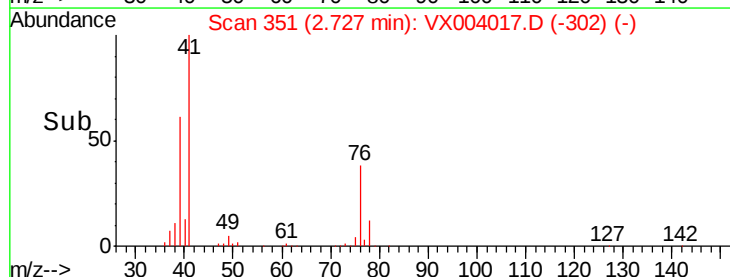
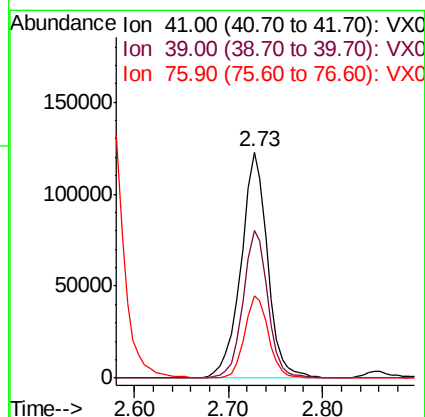
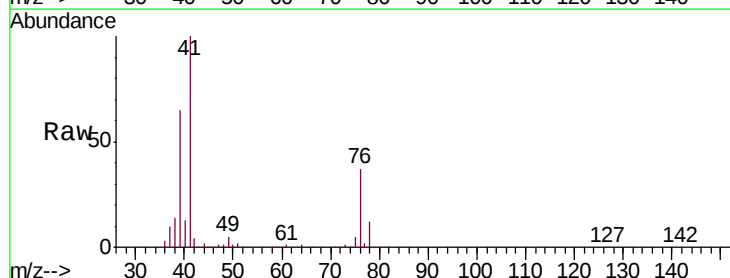
Tgt Ion: 41 Resp: 242044

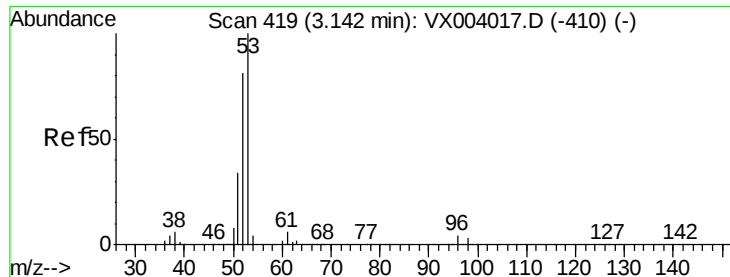
Ion Ratio Lower Upper

41 100

39 61.0 48.8 73.2

76 32.4 25.9 38.9





#15

Acrylonitrile

Concen: 288.802 ug/l

RT: 3.14 min Scan# 419

Delta R.T. 0.00 min

Lab File: VX004017.D

Acq: 14 Aug 2018 00:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC

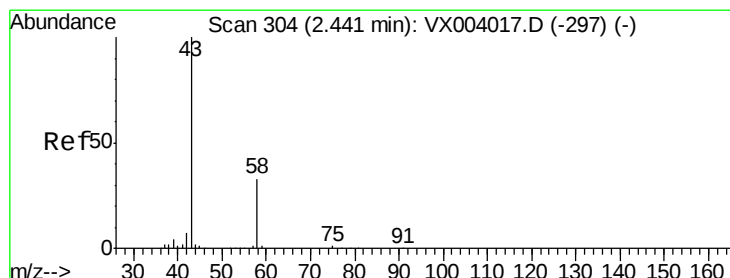
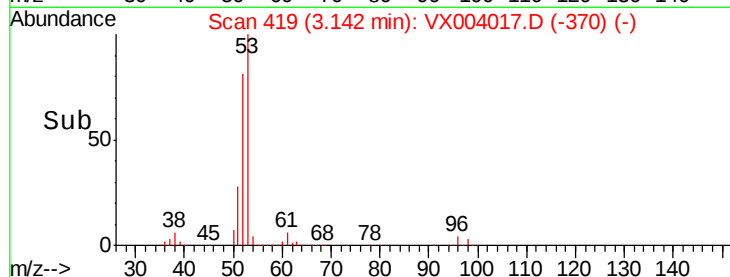
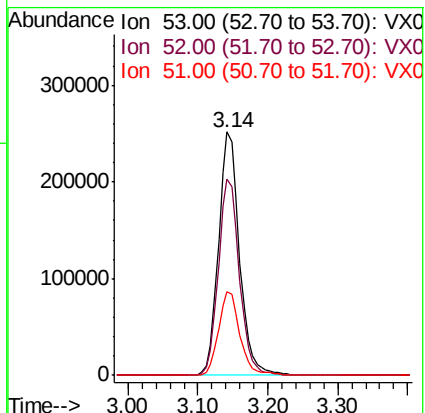
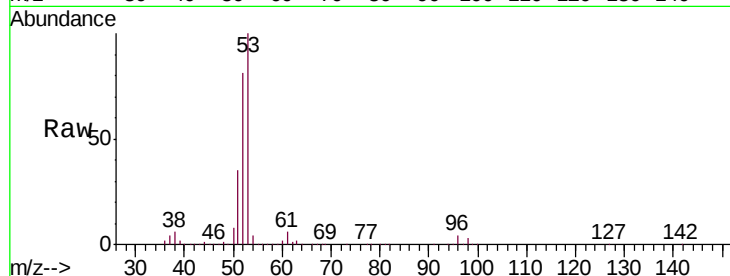
Tgt Ion: 53 Resp: 521086

Ion Ratio Lower Upper

53 100

52 81.3 65.0 97.6

51 35.2 28.2 42.2



#16

Acetone

Concen: 272.282 ug/l

RT: 2.44 min Scan# 304

Delta R.T. 0.00 min

Lab File: VX004017.D

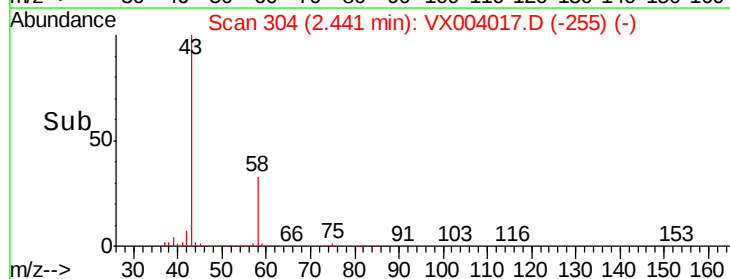
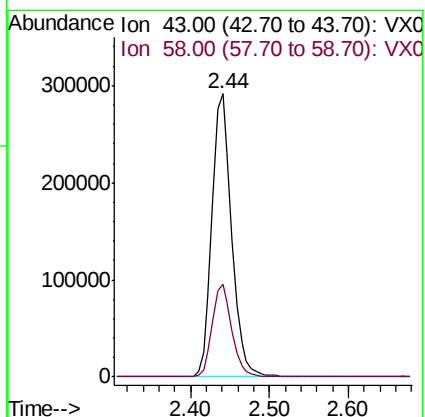
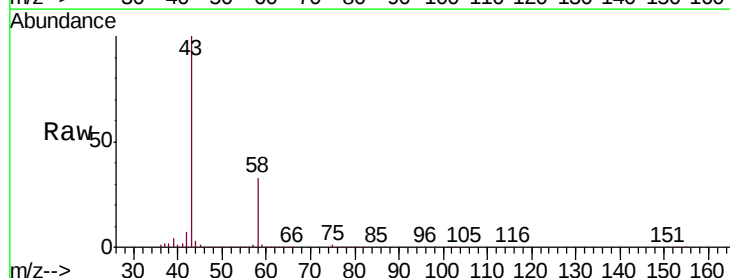
Acq: 14 Aug 2018 00:58

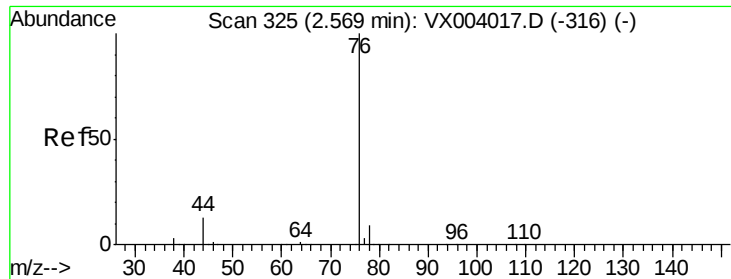
Tgt Ion: 43 Resp: 504929

Ion Ratio Lower Upper

43 100

58 32.9 26.3 39.5

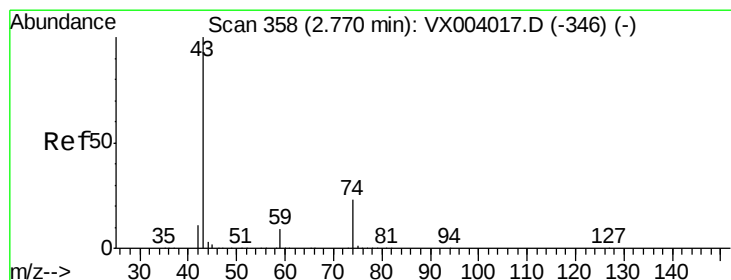
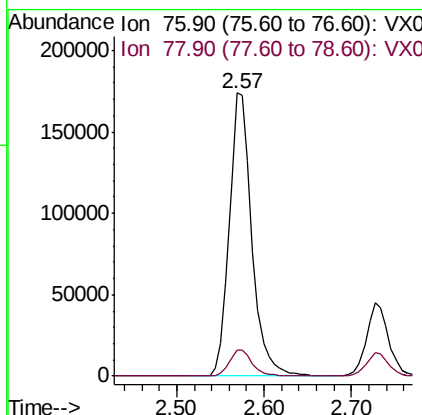
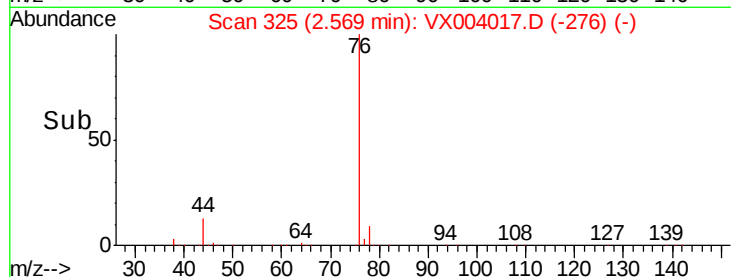
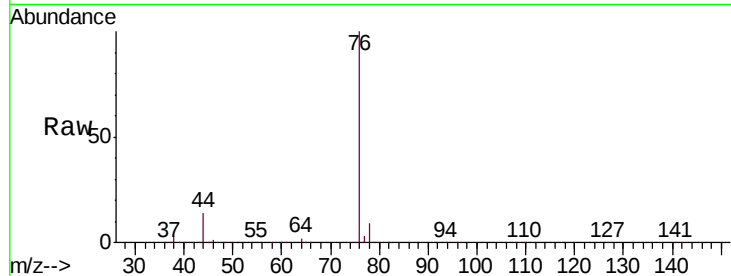




#17
Carbon Disulfide
Concen: 42.184 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX004017.D
Acq: 14 Aug 2018 00:58

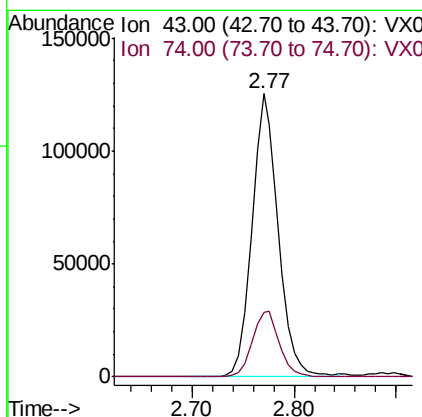
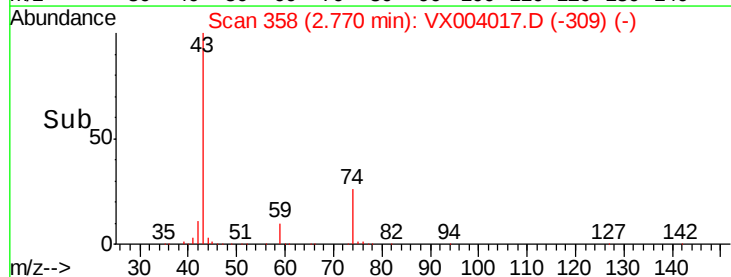
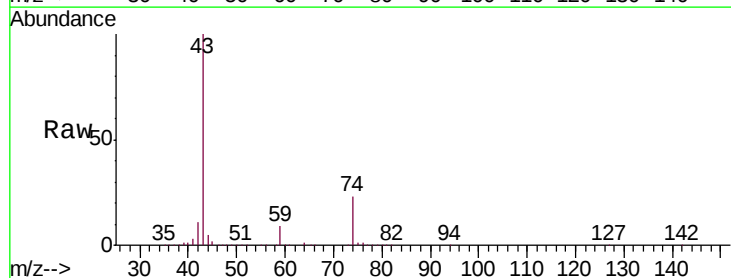
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC

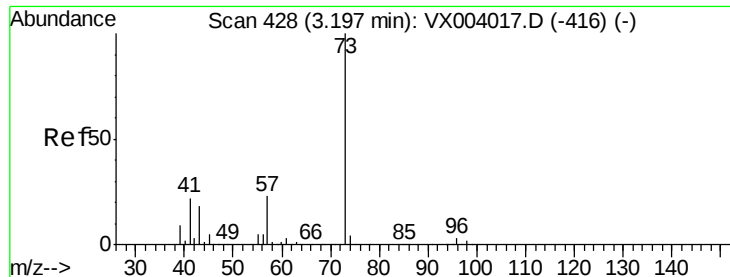
Tgt Ion: 76 Resp: 312293
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 55.289 ug/l
RT: 2.77 min Scan# 358
Delta R.T. 0.00 min
Lab File: VX004017.D
Acq: 14 Aug 2018 00:58

Tgt Ion: 43 Resp: 223149
Ion Ratio Lower Upper
43 100
74 24.6 19.7 29.5

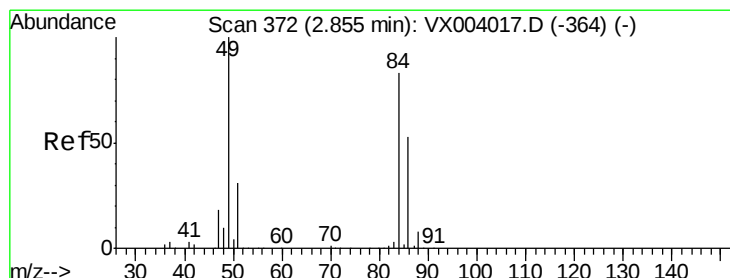
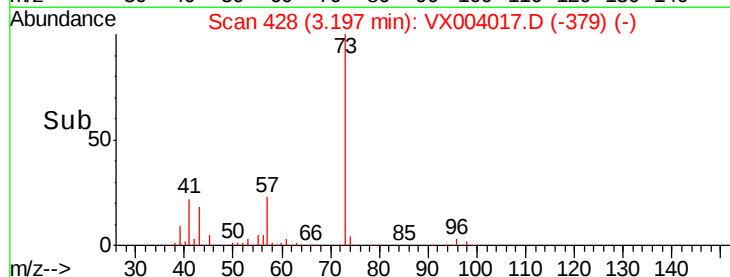
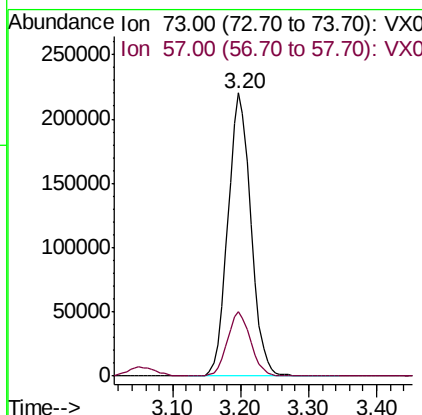
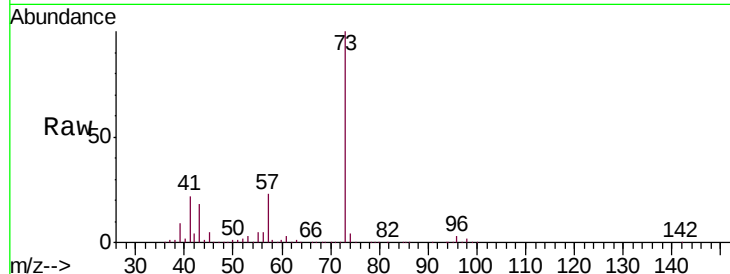




#19
Methyl tert-butyl Ether
Concen: 57.265 ug/l
RT: 3.20 min Scan# 428
Delta R.T. 0.00 min
Lab File: VX004017.D
Acq: 14 Aug 2018 00:58

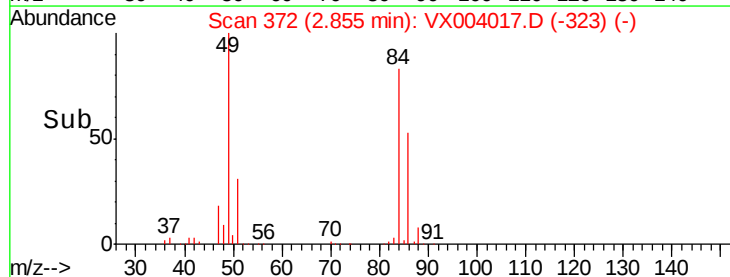
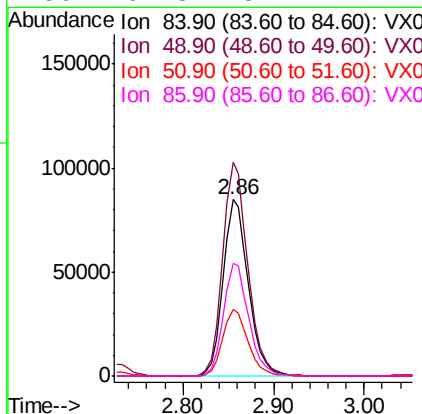
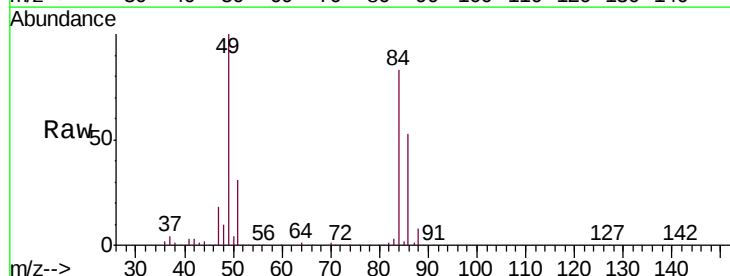
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC

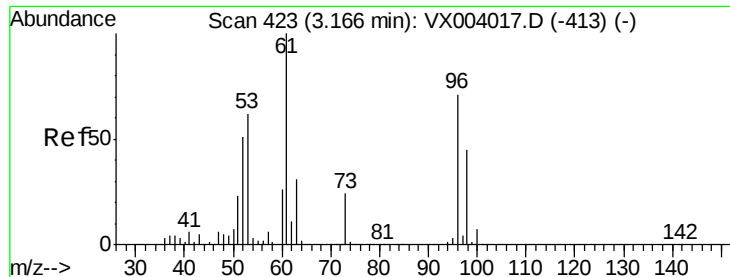
Tgt Ion: 73 Resp: 515460
Ion Ratio Lower Upper
73 100
57 22.7 18.2 27.2



#20
Methylene Chloride
Concen: 36.808 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX004017.D
Acq: 14 Aug 2018 00:58

Tgt Ion: 84 Resp: 163887
Ion Ratio Lower Upper
84 100
49 121.1 96.9 145.3
51 37.7 30.2 45.2
86 64.3 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 50.091 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX004017.D

Acq: 14 Aug 2018 00:58

Instrument :

MSVOA_X

ClientSampled :

VSTDICC

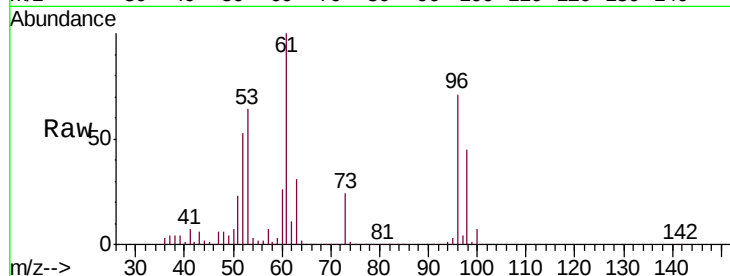
Tgt Ion: 96 Resp: 141513

Ion Ratio Lower Upper

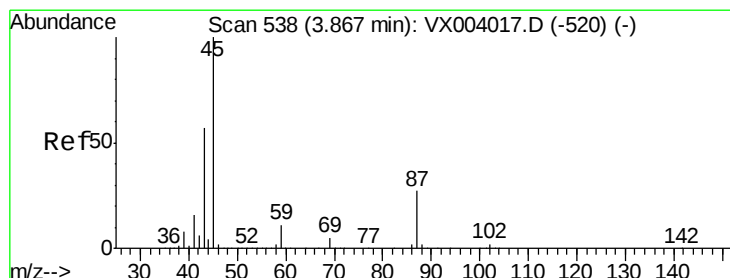
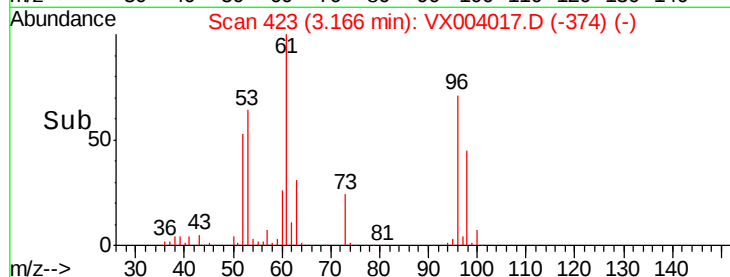
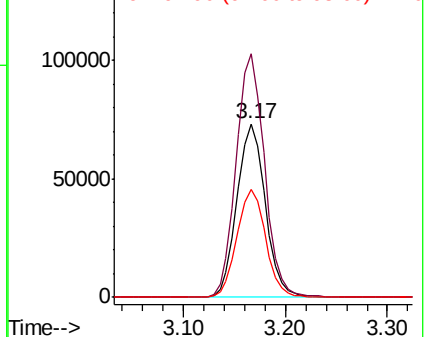
96 100

61 140.4 112.3 168.5

98 62.6 50.1 75.1



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: 59.062 ug/l

RT: 3.87 min Scan# 538

Delta R.T. 0.00 min

Lab File: VX004017.D

Acq: 14 Aug 2018 00:58

Tgt Ion: 45 Resp: 537428

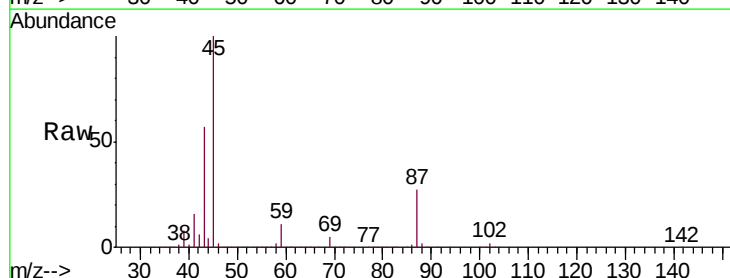
Ion Ratio Lower Upper

45 100

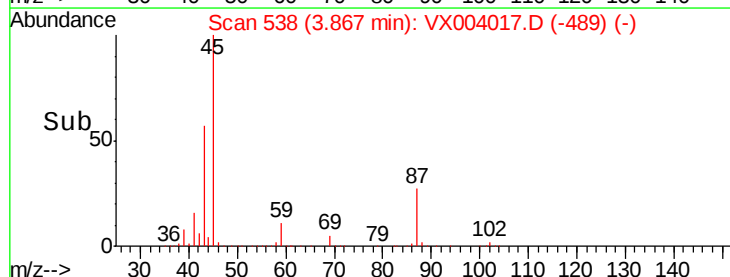
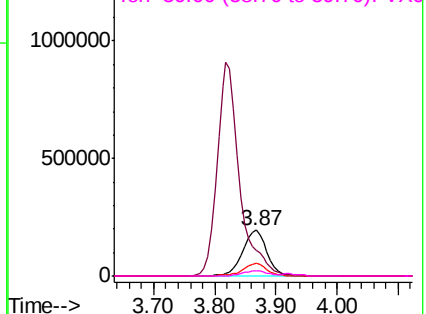
43 57.0 45.6 68.4

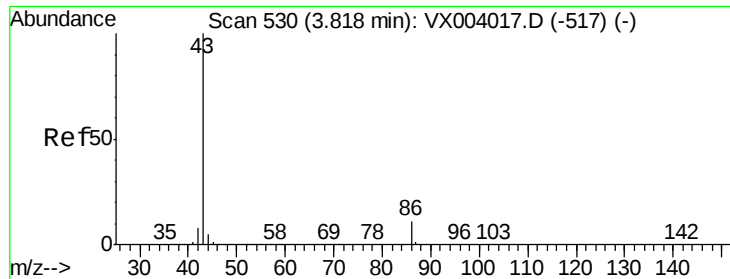
87 26.7 21.4 32.0

59 11.2 9.0 13.4



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: 308.363 ug/l

RT: 3.82 min Scan# 530

Delta R.T. 0.00 min

Lab File: VX004017.D

Acq: 14 Aug 2018 00:58

Instrument :

MSVOA_X

ClientSampleId :

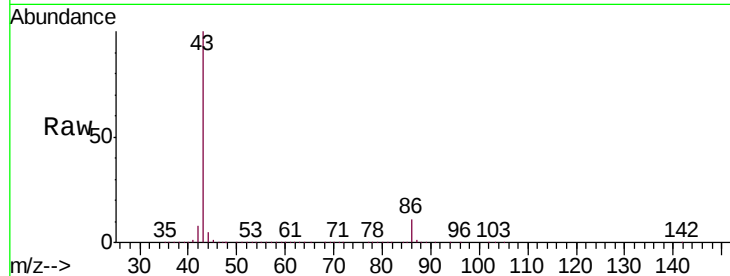
VSTDICC

Tgt Ion: 43 Resp: 2344157

Ion Ratio Lower Upper

43 100

86 10.6 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

1000000

800000

600000

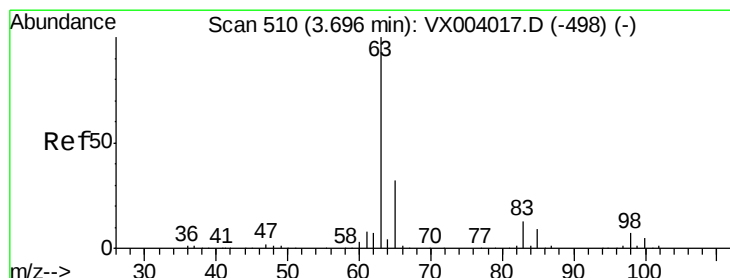
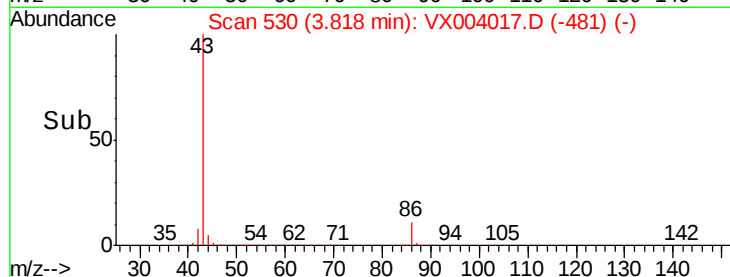
400000

200000

0

Time-->

3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 54.173 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX004017.D

Acq: 14 Aug 2018 00:58

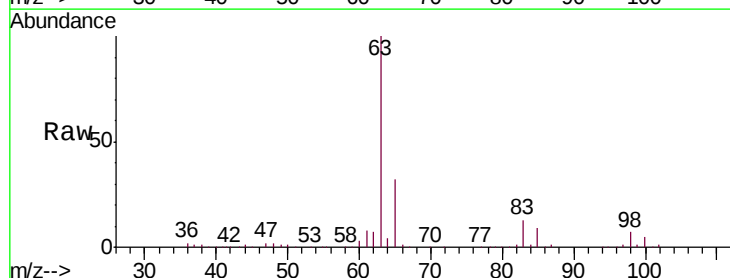
Tgt Ion: 63 Resp: 286371

Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.1

100 4.6 2.3 6.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

150000

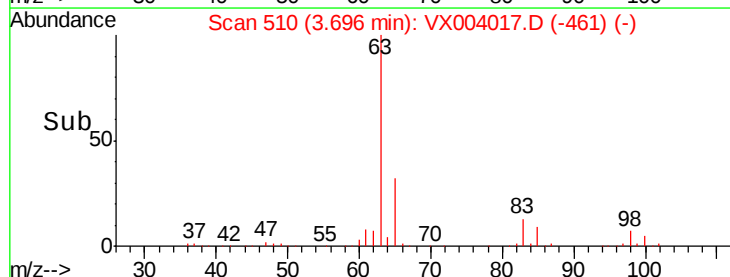
100000

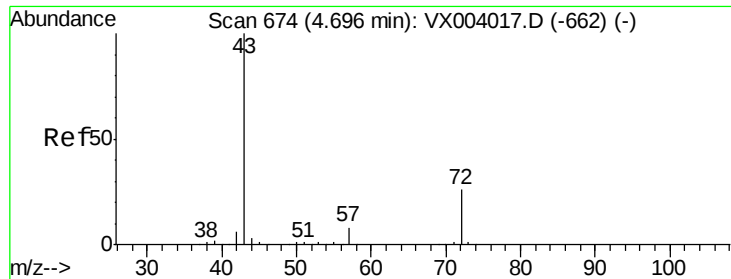
50000

0

Time-->

3.60 3.70 3.80





#25

2-Butanone

Concen: 296.326 ug/l

RT: 4.70 min Scan# 674

Delta R.T. 0.00 min

Lab File: VX004017.D

Acq: 14 Aug 2018 00:58

Instrument :

MSVOA_X

ClientSampleId :

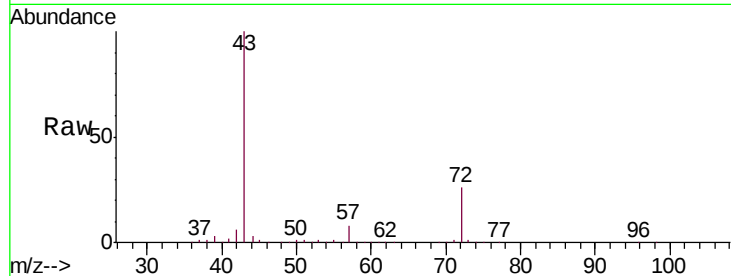
VSTDICC

Tgt Ion: 43 Resp: 835079

Ion Ratio Lower Upper

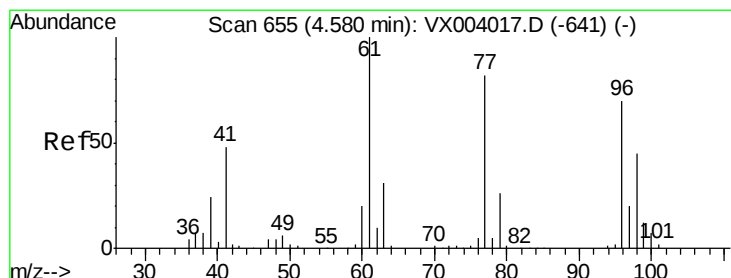
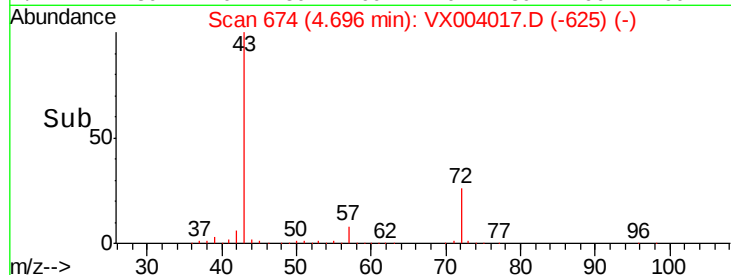
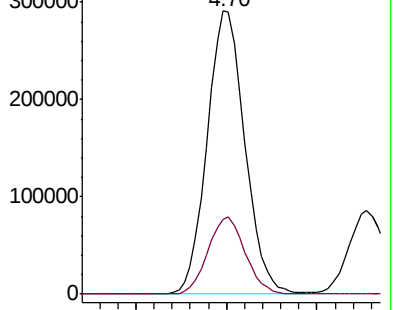
43 100

72 26.4 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 41.783 ug/l

RT: 4.58 min Scan# 655

Delta R.T. 0.00 min

Lab File: VX004017.D

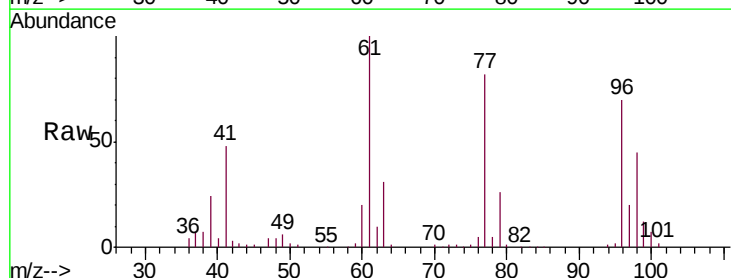
Acq: 14 Aug 2018 00:58

Tgt Ion: 77 Resp: 152024

Ion Ratio Lower Upper

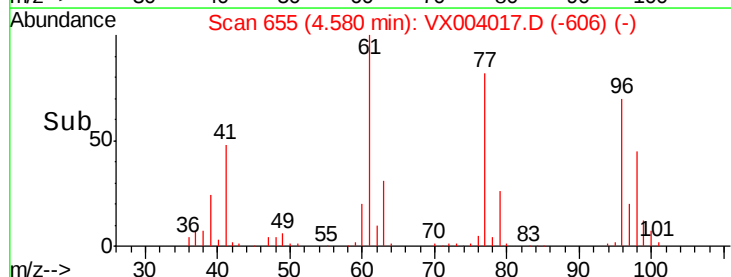
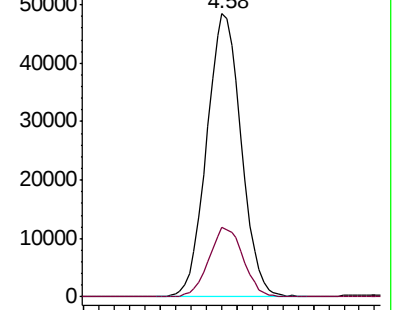
77 100

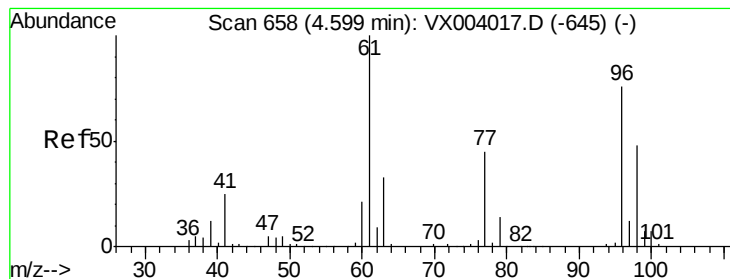
97 24.5 12.3 36.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



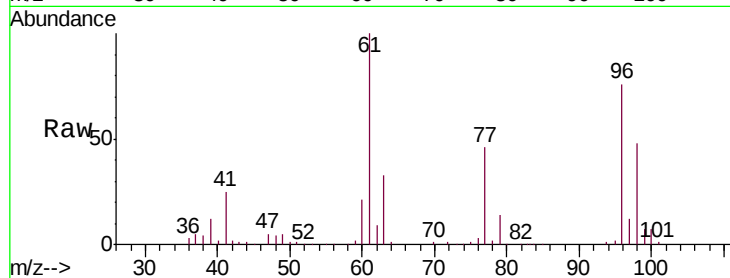


#27

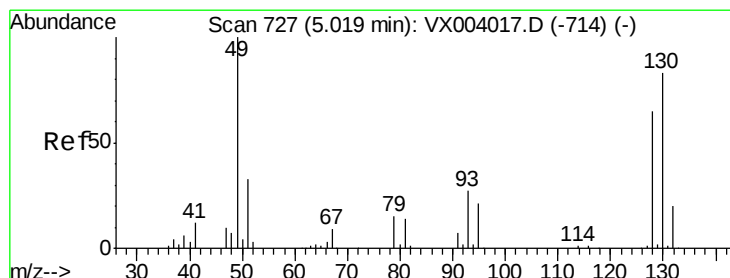
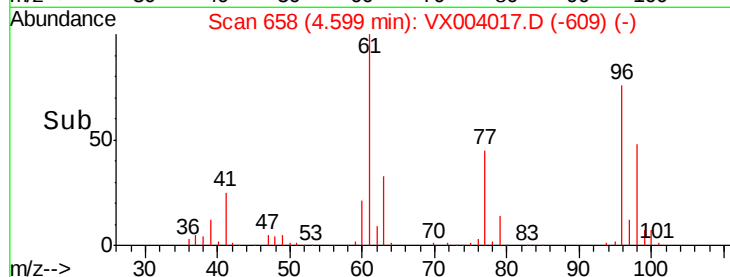
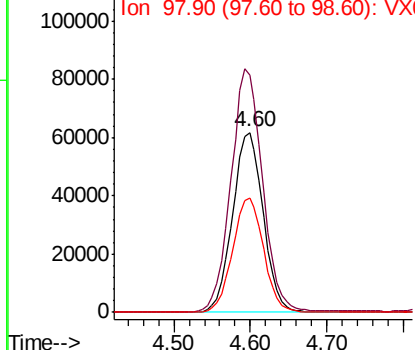
cis-1,2-Dichloroethene
 Concen: 54.957 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: VX004017.D
 Acq: 14 Aug 2018 00:58

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDICC

Tgt Ion: 96 Resp: 171195
 Ion Ratio Lower Upper
 96 100
 61 140.9 0.0 281.8
 98 64.2 0.0 128.4



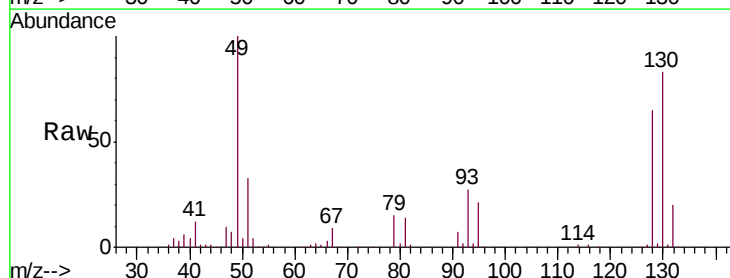
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



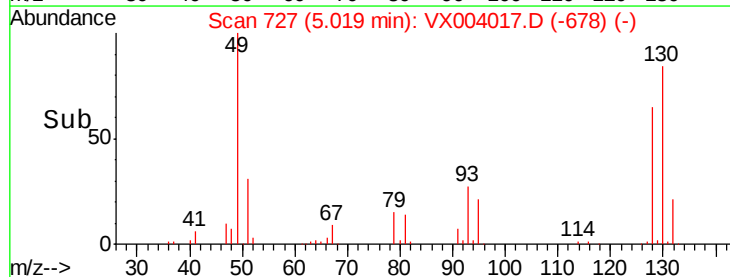
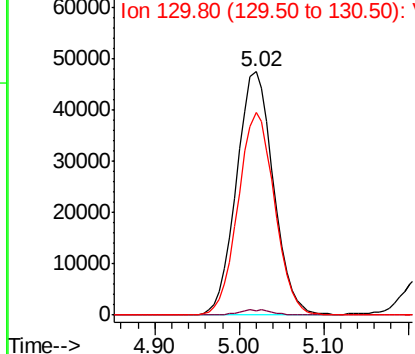
#28

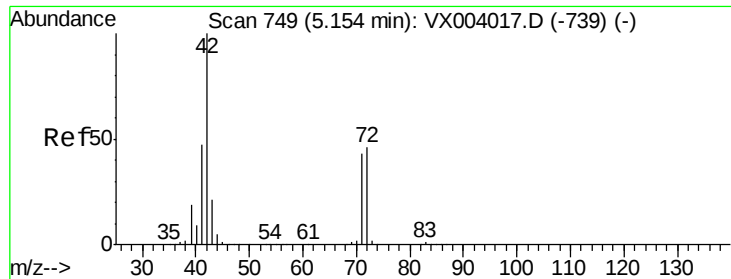
Bromochloromethane
 Concen: 60.853 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: VX004017.D
 Acq: 14 Aug 2018 00:58

Tgt Ion: 49 Resp: 141060
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 82.3 65.8 98.8



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





#29

Tetrahydrofuran

Concen: 291.591 ug/l

RT: 5.15 min Scan# 749

Delta R.T. 0.00 min

Lab File: VX004017.D

Acq: 14 Aug 2018 00:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC

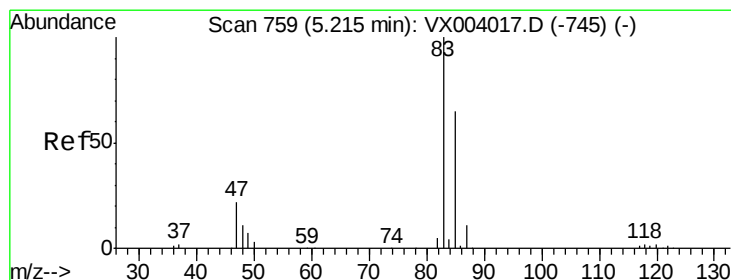
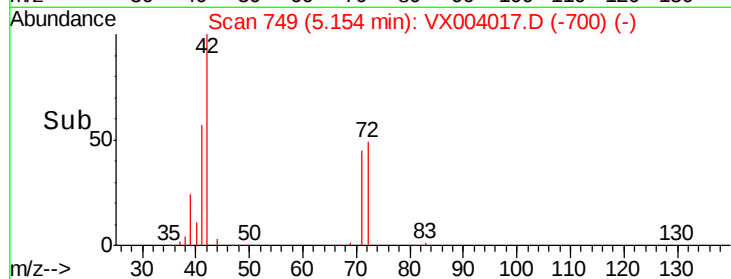
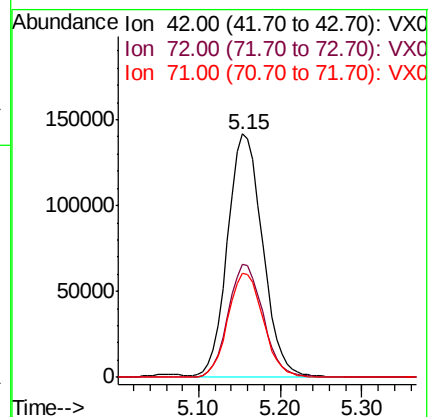
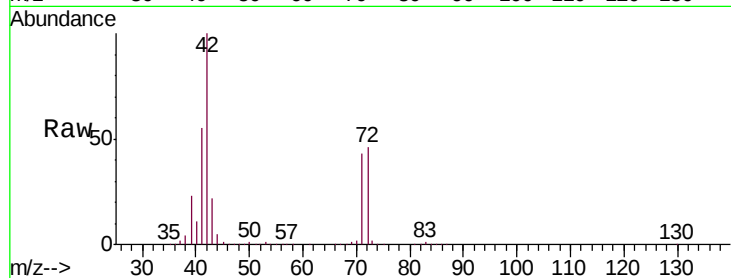
Tgt Ion: 42 Resp: 421278

Ion Ratio Lower Upper

42 100

72 46.5 37.2 55.8

71 43.2 34.6 51.8



#30

Chloroform

Concen: 55.999 ug/l

RT: 5.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX004017.D

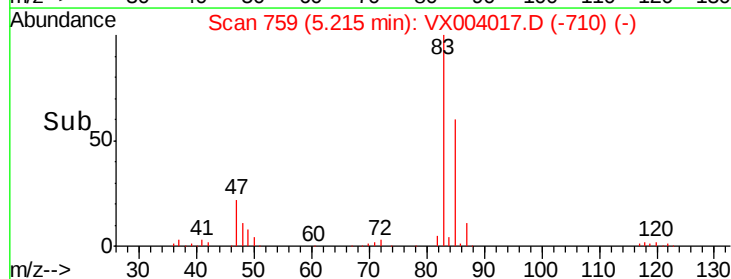
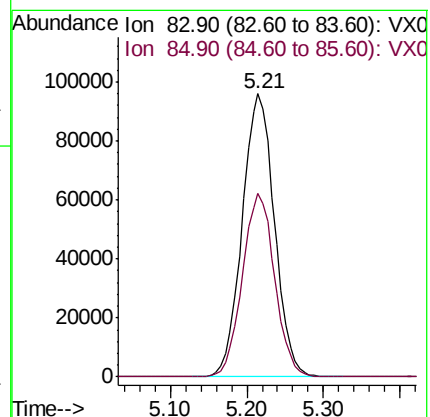
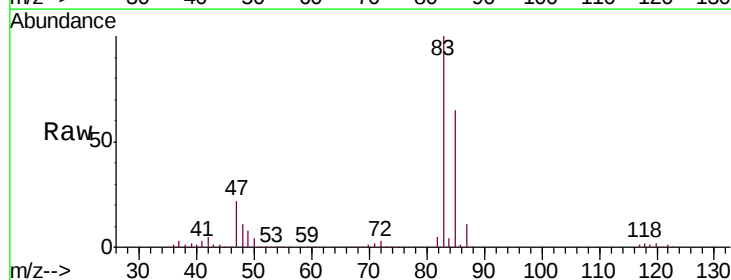
Acq: 14 Aug 2018 00:58

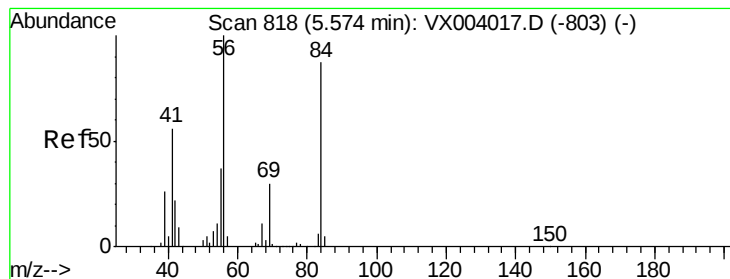
Tgt Ion: 83 Resp: 280303

Ion Ratio Lower Upper

83 100

85 64.7 51.8 77.6





#31

Cyclohexane

Concen: 40.616 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX004017.D

Acq: 14 Aug 2018 00:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC

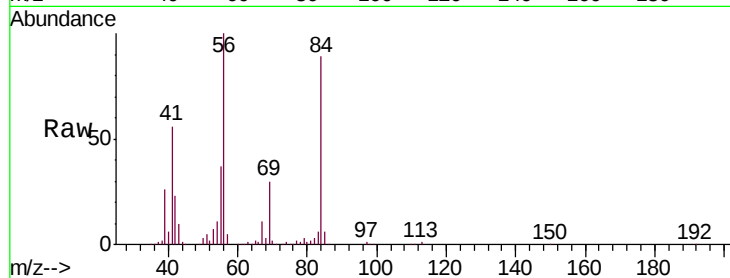
Tgt Ion: 56 Resp: 171663

Ion Ratio Lower Upper

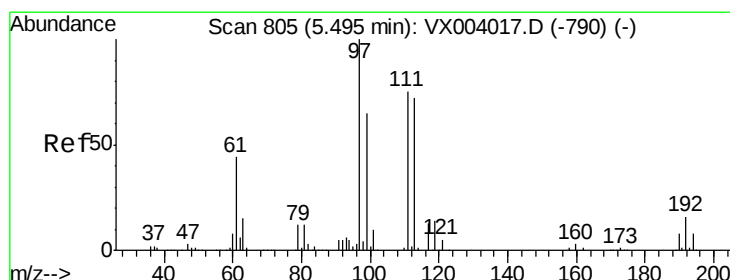
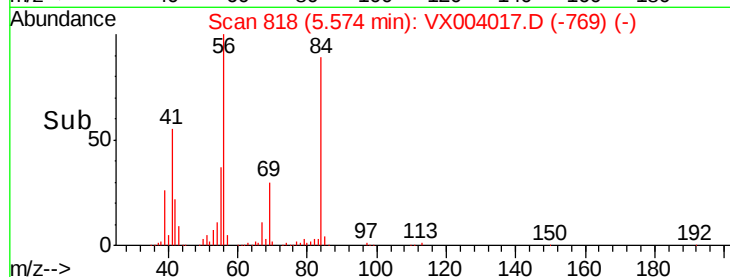
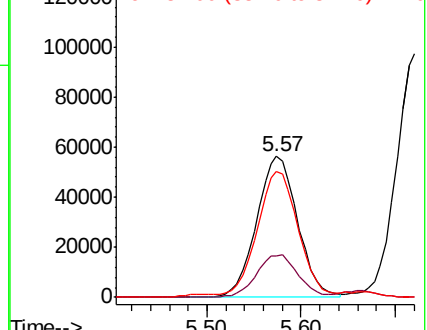
56 100

69 29.6 23.7 35.5

84 87.2 69.8 104.6



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 51.312 ug/l

RT: 5.49 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX004017.D

Acq: 14 Aug 2018 00:58

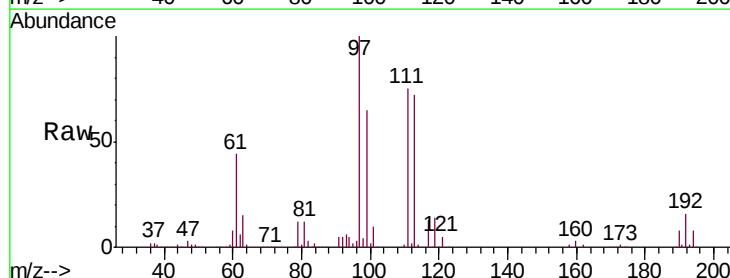
Tgt Ion: 97 Resp: 210548

Ion Ratio Lower Upper

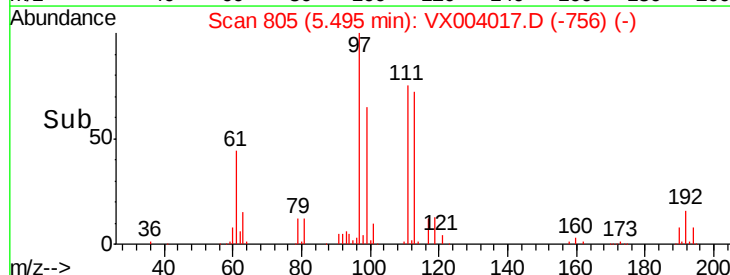
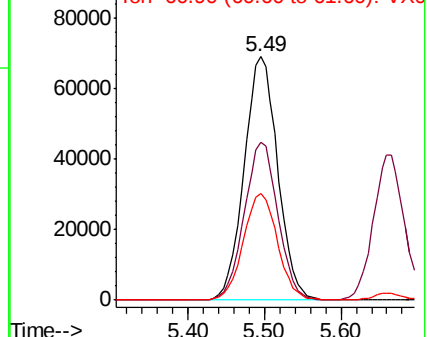
97 100

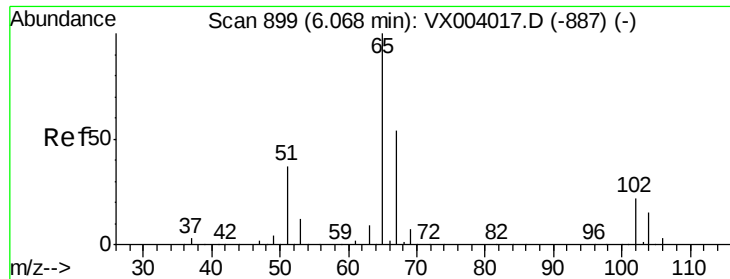
99 65.0 52.0 78.0

61 44.7 35.8 53.6



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

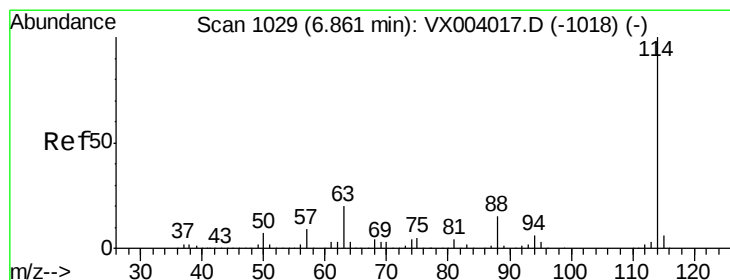
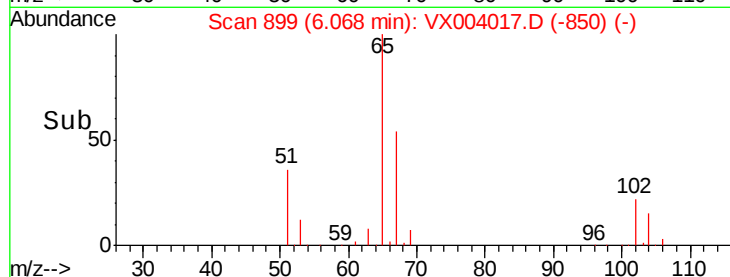
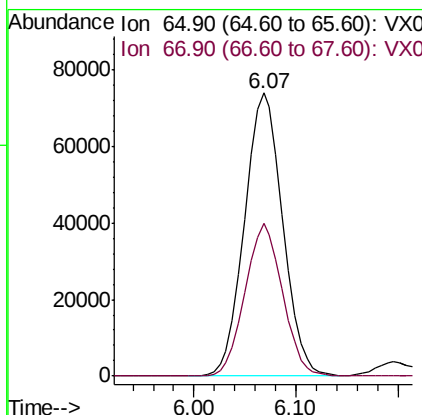
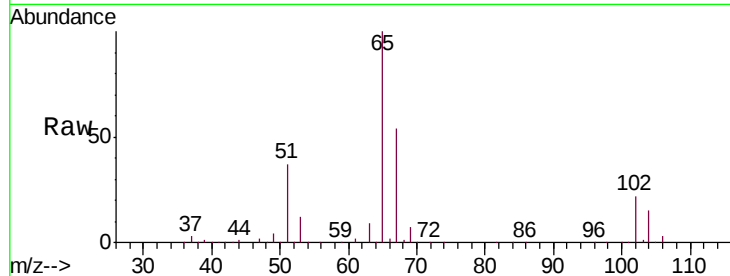




#33
 1,2-Dichloroethane-d4
 Concen: 60.154 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX004017.D
 Acq: 14 Aug 2018 00:58

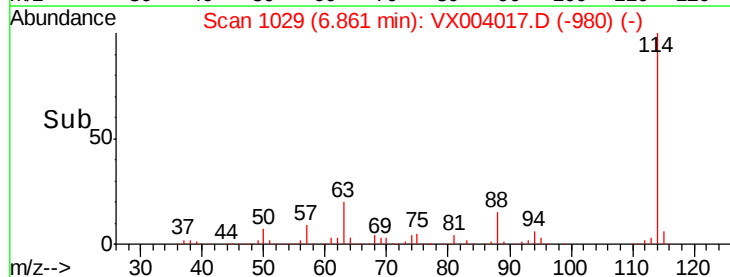
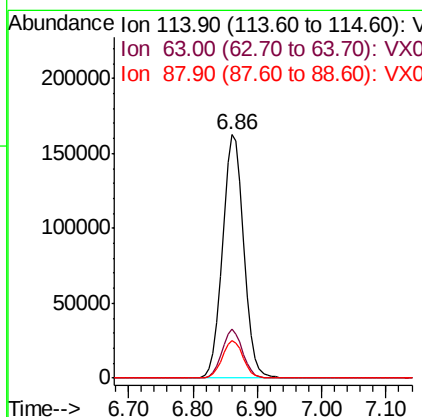
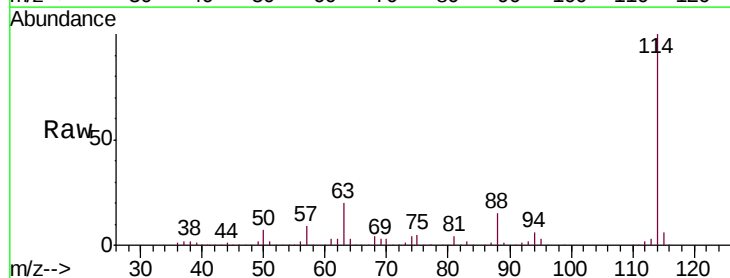
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC

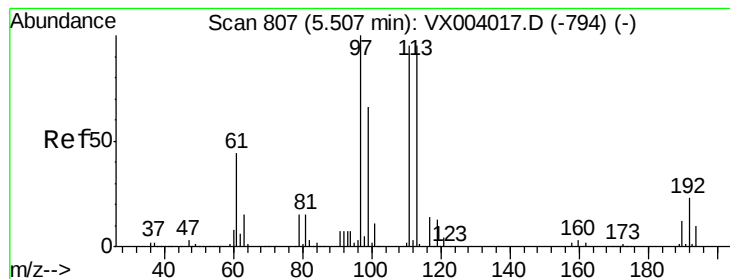
Tgt Ion: 65 Resp: 192464
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: VX004017.D
 Acq: 14 Aug 2018 00:58

Tgt Ion: 114 Resp: 379195
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.4
 88 15.2 0.0 30.4





#35

Dibromofluoromethane

Concen: 52.702 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX004017.D

Acq: 14 Aug 2018 00:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC

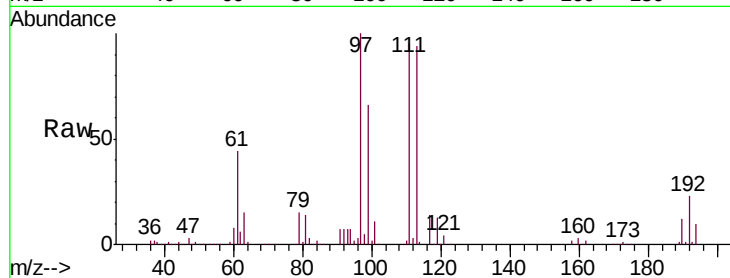
Tgt Ion:113 Resp: 153177

Ion Ratio Lower Upper

113 100

111 103.0 82.4 123.6

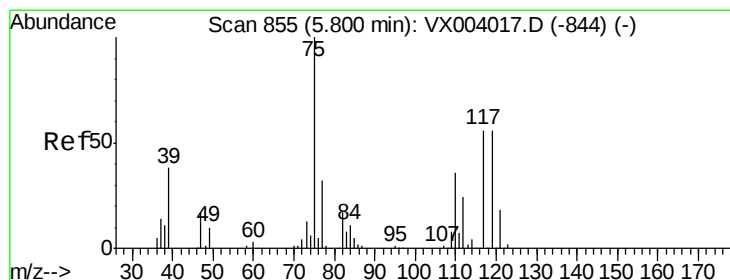
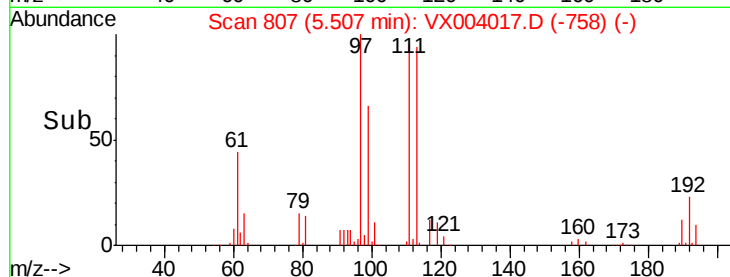
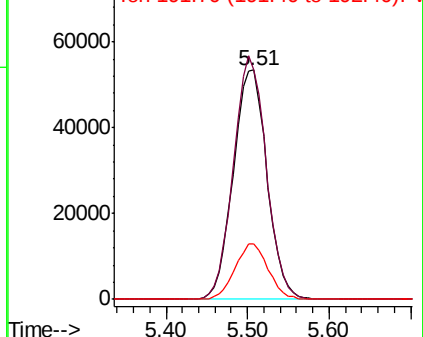
192 23.8 19.0 28.6



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: 43.363 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX004017.D

Acq: 14 Aug 2018 00:58

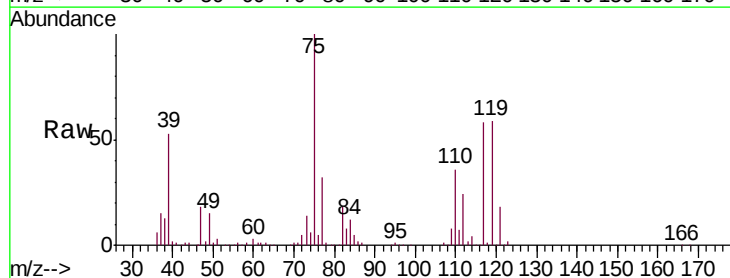
Tgt Ion: 75 Resp: 180457

Ion Ratio Lower Upper

75 100

110 36.2 18.1 54.3

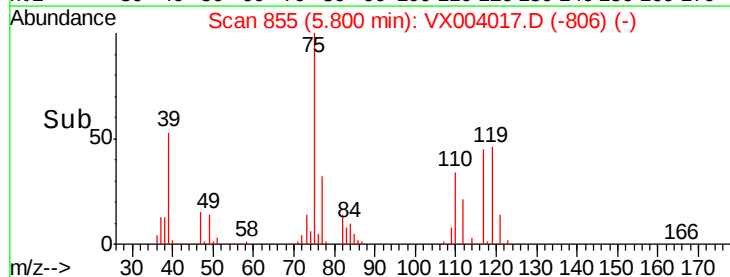
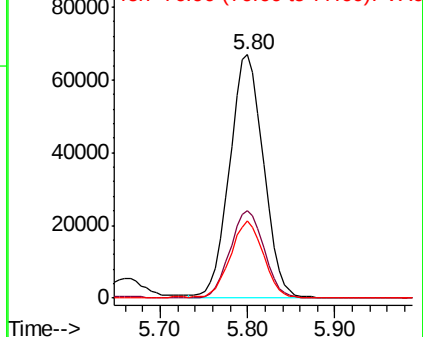
77 30.8 24.6 37.0

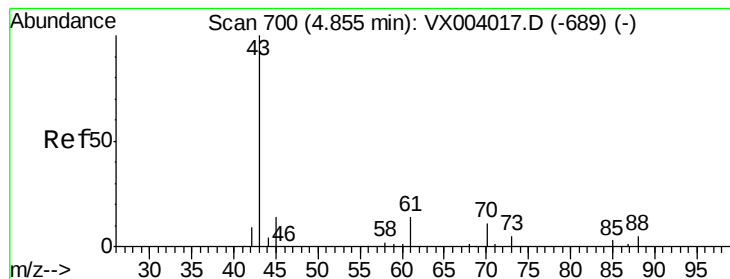


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 53.227 ug/l

RT: 4.85 min Scan# 700

Delta R.T. 0.00 min

Lab File: VX004017.D

Acq: 14 Aug 2018 00:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC

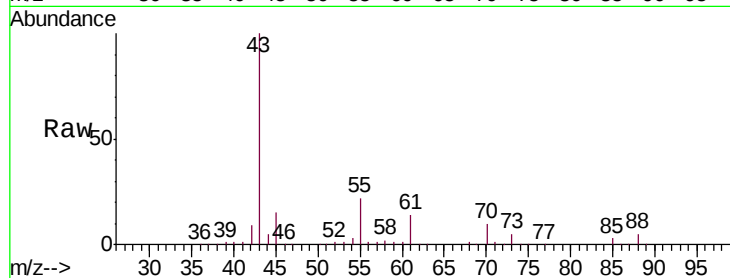
Tgt Ion: 43 Resp: 252229

Ion Ratio Lower Upper

43 100

61 14.8 11.8 17.8

70 11.1 8.9 13.3

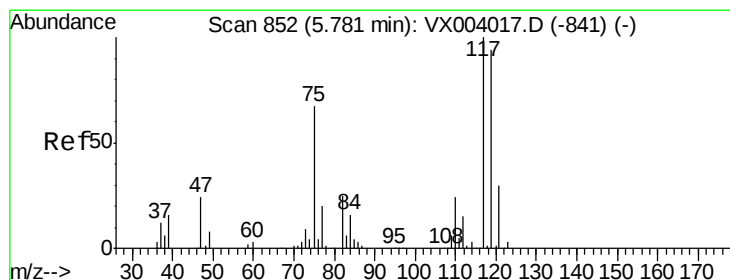
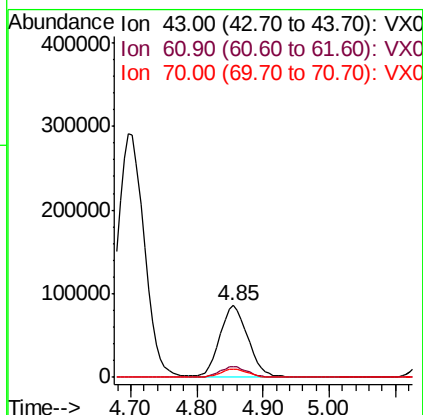
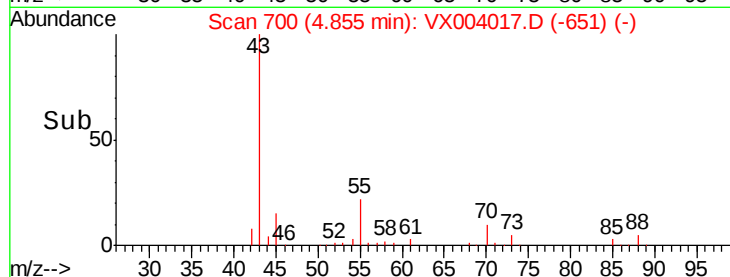


Abundance Ion 43.00 (42.70 to 43.70): VX004017.D (-689) (-)

Ion 60.90 (60.60 to 61.60): VX004017.D (-689) (-)

Ion 70.00 (69.70 to 70.70): VX004017.D (-689) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 44.059 ug/l

RT: 5.78 min Scan# 852

Delta R.T. 0.00 min

Lab File: VX004017.D

Acq: 14 Aug 2018 00:58

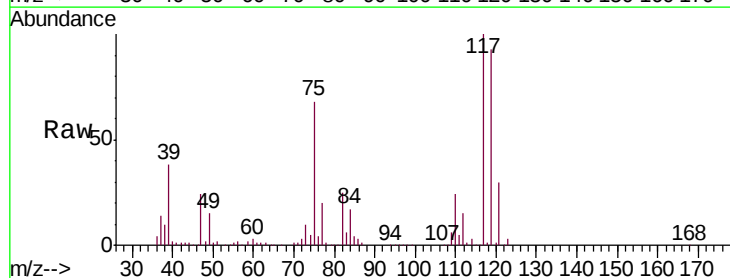
Tgt Ion: 117 Resp: 173784

Ion Ratio Lower Upper

117 100

119 93.5 74.8 112.2

121 30.1 24.1 36.1

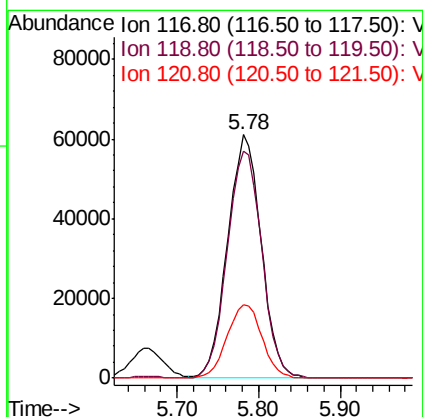
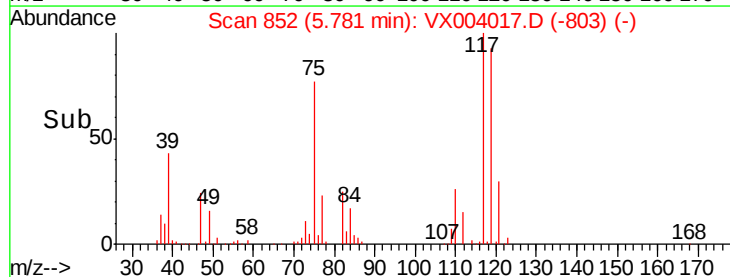


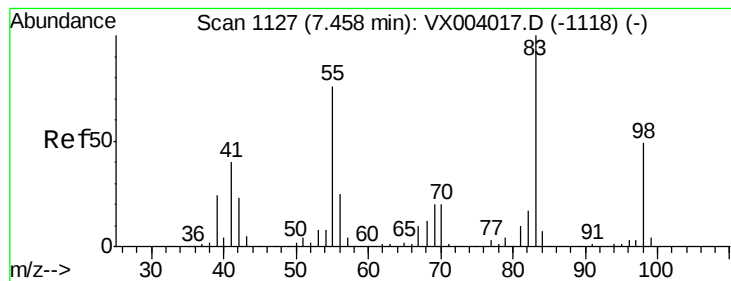
Abundance Ion 116.80 (116.50 to 117.50): VX004017.D (-841) (-)

Ion 118.80 (118.50 to 119.50): VX004017.D (-841) (-)

Ion 120.80 (120.50 to 121.50): VX004017.D (-841) (-)

Time-->





#39

Methylcyclohexane

Concen: 34.745 ug/l

RT: 7.46 min Scan# 1127

Delta R.T. 0.00 min

Lab File: VX004017.D

Acq: 14 Aug 2018 00:58

Instrument :

MSVOA_X

ClientSampled :

VSTDICC

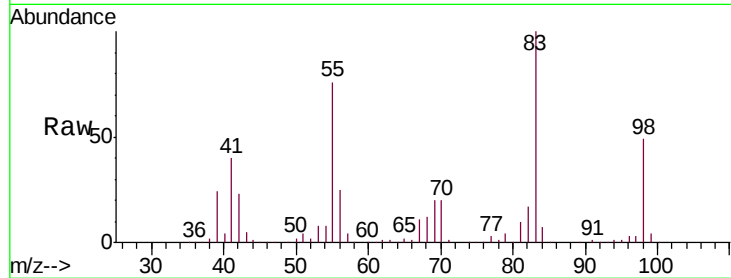
Tgt Ion: 83 Resp: 164428

Ion Ratio Lower Upper

83 100

55 76.0 60.8 91.2

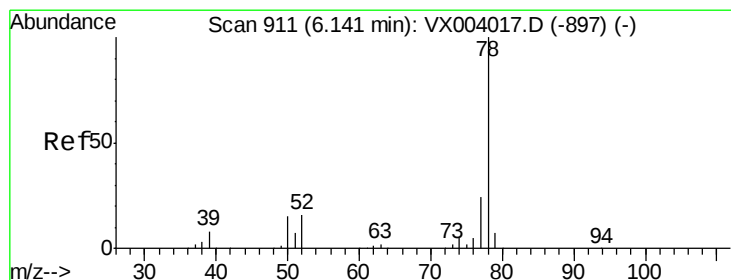
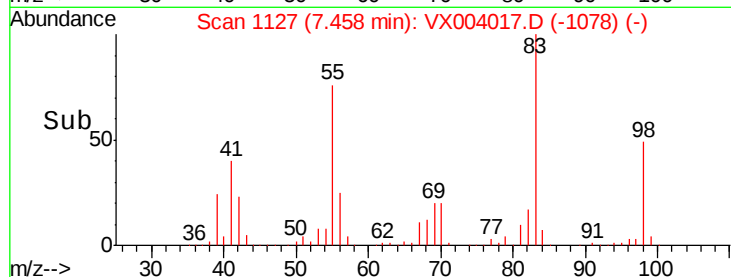
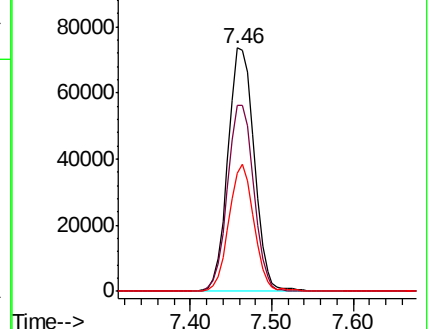
98 48.7 39.0 58.4



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 49.794 ug/l

RT: 6.14 min Scan# 911

Delta R.T. 0.00 min

Lab File: VX004017.D

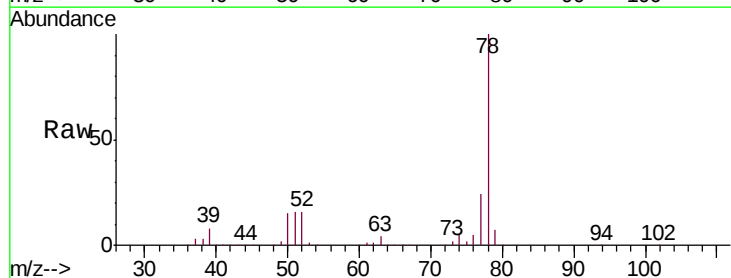
Acq: 14 Aug 2018 00:58

Tgt Ion: 78 Resp: 637555

Ion Ratio Lower Upper

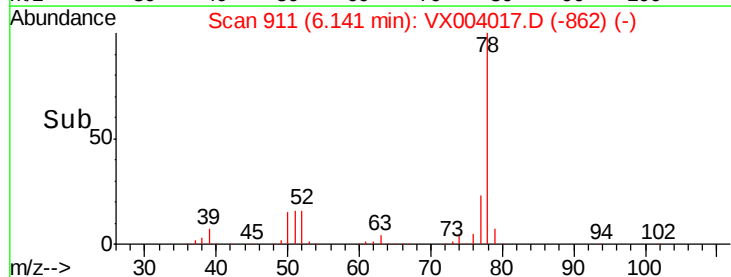
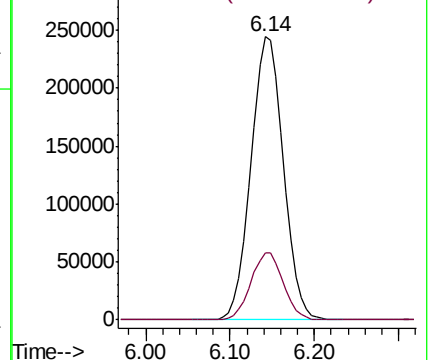
78 100

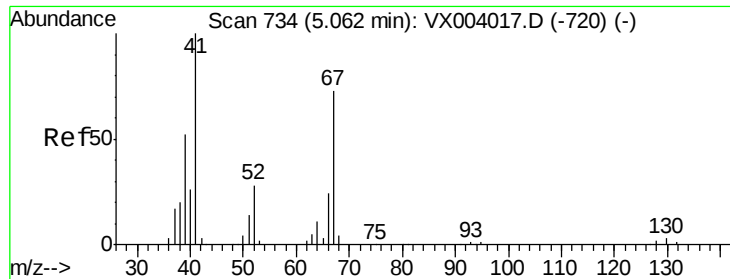
77 23.7 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 52.684 ug/l

RT: 5.06 min Scan# 734

Delta R.T. 0.00 min

Lab File: VX004017.D

Acq: 14 Aug 2018 00:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC

Tgt Ion: 41 Resp: 137277

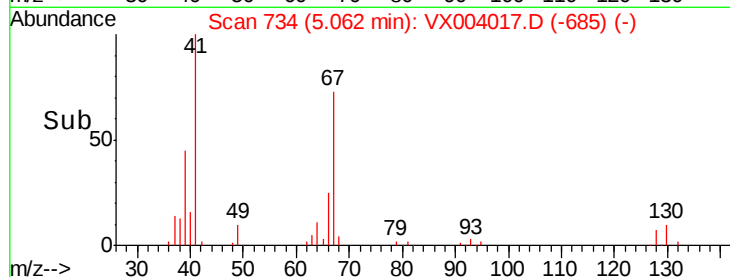
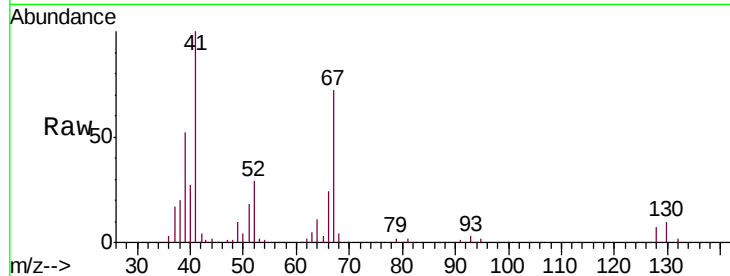
Ion Ratio Lower Upper

41 100

39 52.9 42.3 63.5

67 73.6 58.9 88.3

52 30.2 24.2 36.2

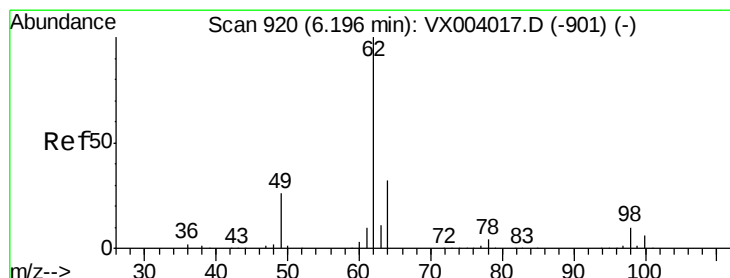
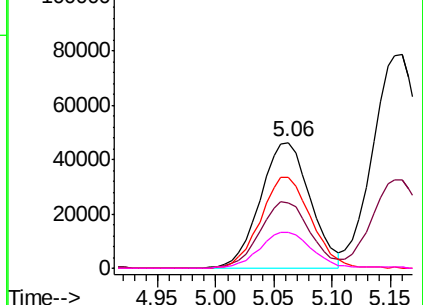


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 53.479 ug/l

RT: 6.20 min Scan# 920

Delta R.T. 0.00 min

Lab File: VX004017.D

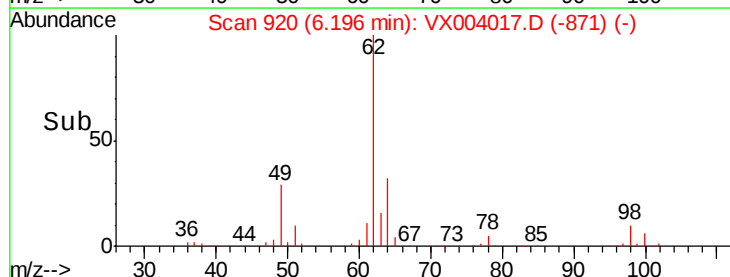
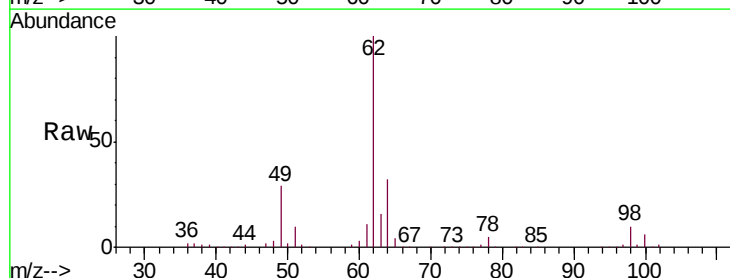
Acq: 14 Aug 2018 00:58

Tgt Ion: 62 Resp: 234945

Ion Ratio Lower Upper

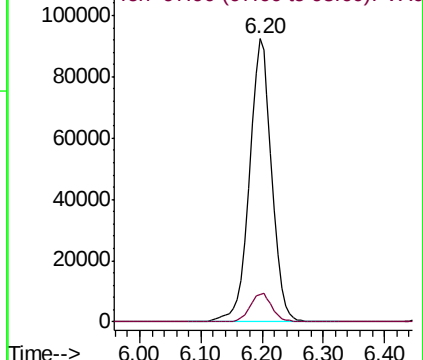
62 100

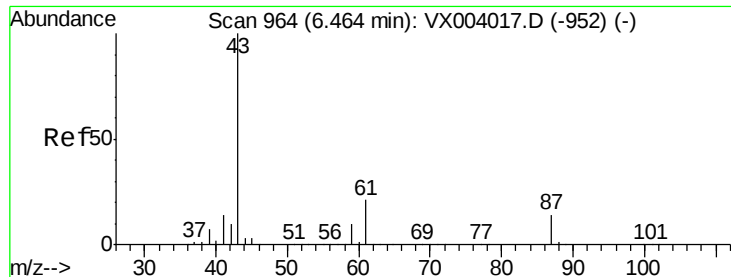
98 10.1 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 54.204 ug/l

RT: 6.46 min Scan# 964

Delta R.T. 0.00 min

Lab File: VX004017.D

Acq: 14 Aug 2018 00:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC

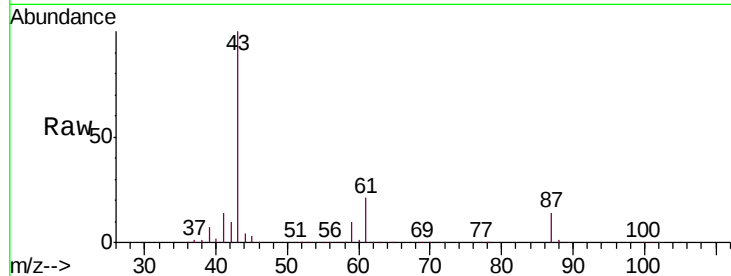
Tgt Ion: 43 Resp: 386937

Ion Ratio Lower Upper

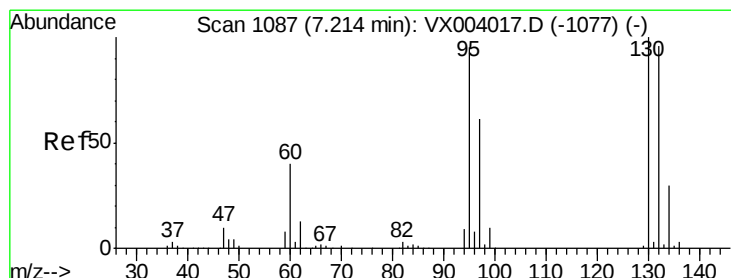
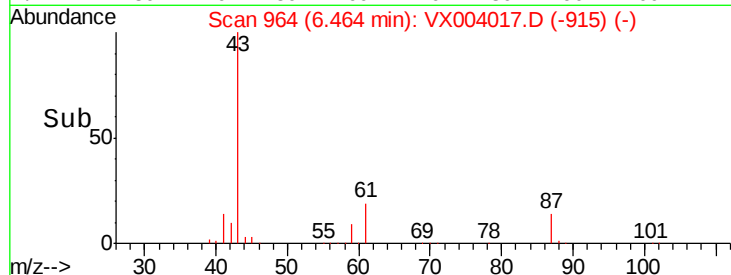
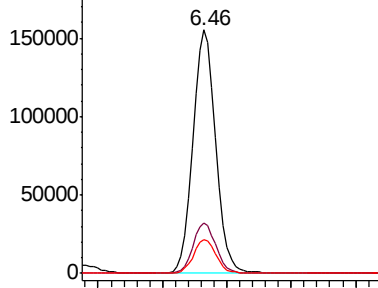
43 100

61 20.7 16.6 24.8

87 13.9 11.1 16.7



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



#44

Trichloroethene

Concen: 46.212 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX004017.D

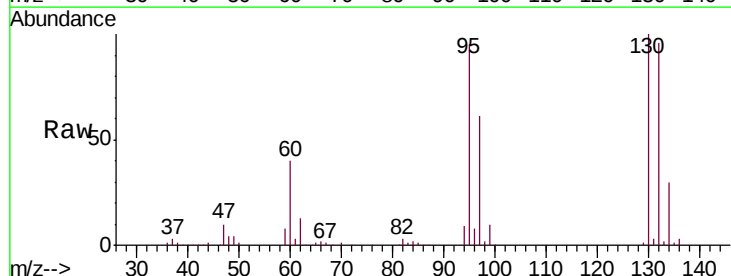
Acq: 14 Aug 2018 00:58

Tgt Ion: 130 Resp: 160329

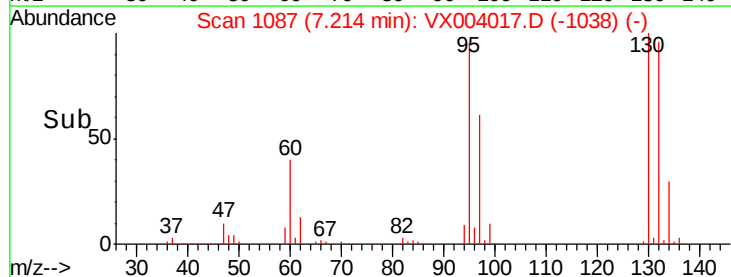
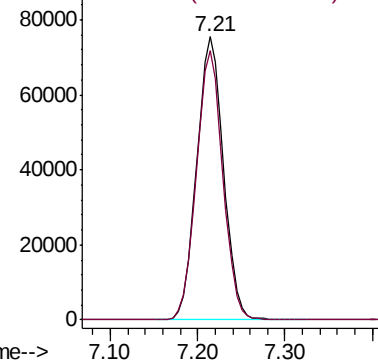
Ion Ratio Lower Upper

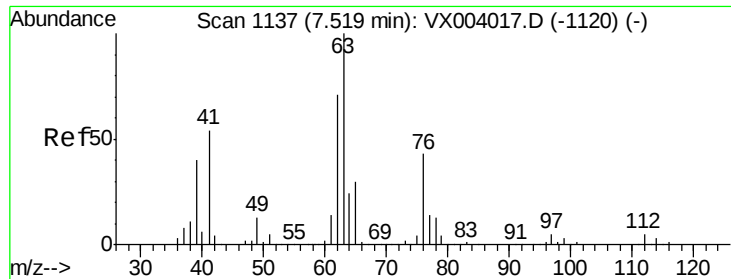
130 100

95 95.0 0.0 190.0



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

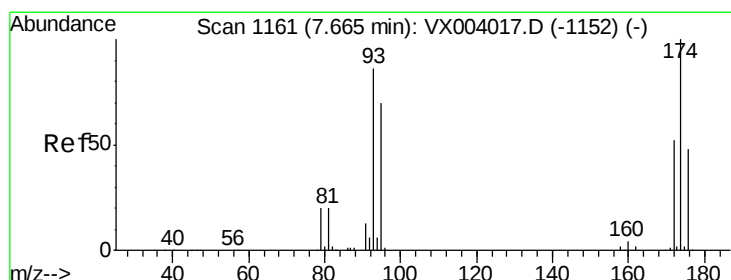
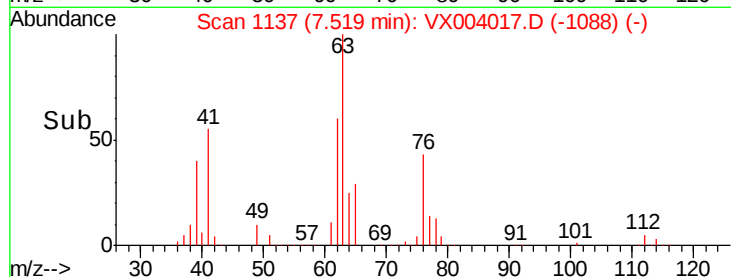
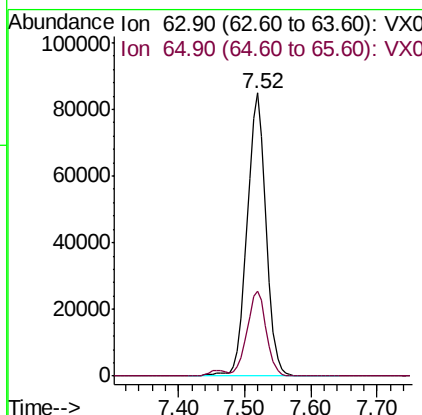
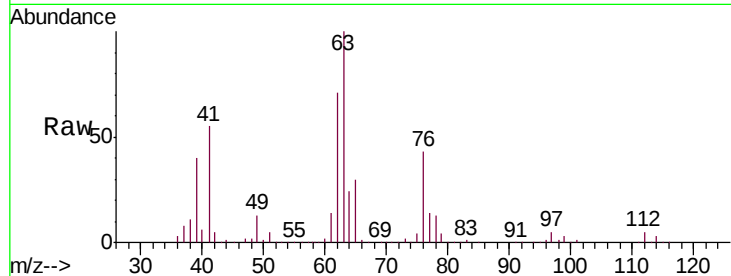




#45
 1,2-Dichloropropane
 Concen: 51.077 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX004017.D
 Acq: 14 Aug 2018 00:58

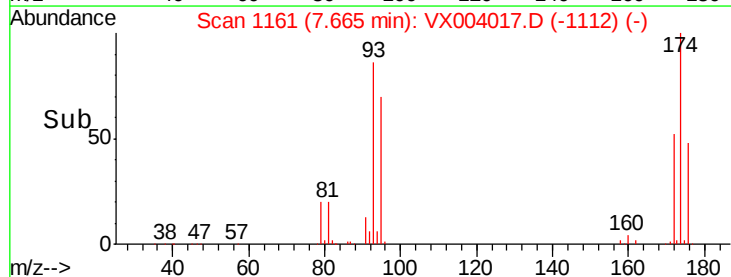
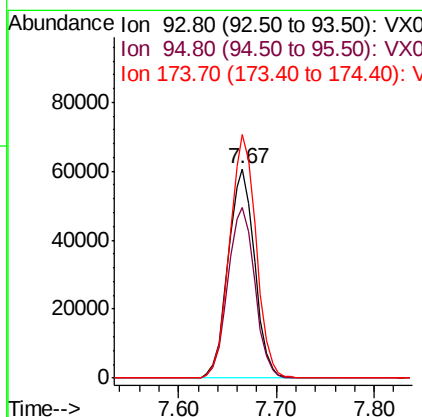
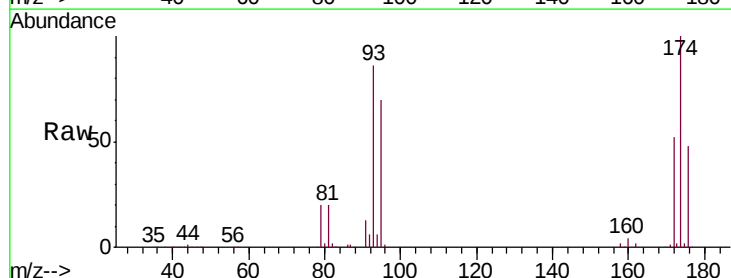
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC

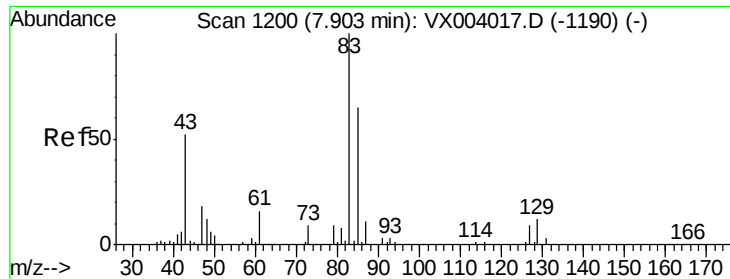
Tgt Ion: 63 Resp: 169393
 Ion Ratio Lower Upper
 63 100
 65 29.9 23.9 35.9



#46
 Dibromomethane
 Concen: 52.473 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX004017.D
 Acq: 14 Aug 2018 00:58

Tgt Ion: 93 Resp: 113883
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.5 99.7
 174 116.4 93.1 139.7





#47

Bromodichloromethane

Concen: 52.588 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX004017.D

Acq: 14 Aug 2018 00:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC

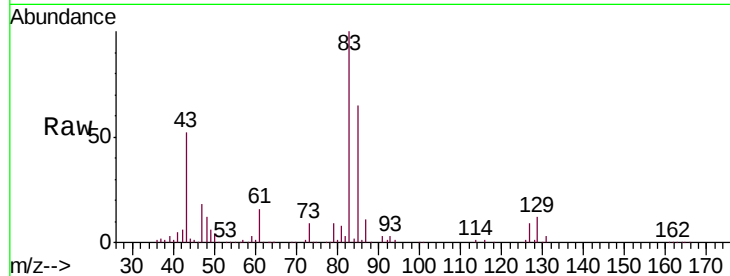
Tgt Ion: 83 Resp: 213690

Ion Ratio Lower Upper

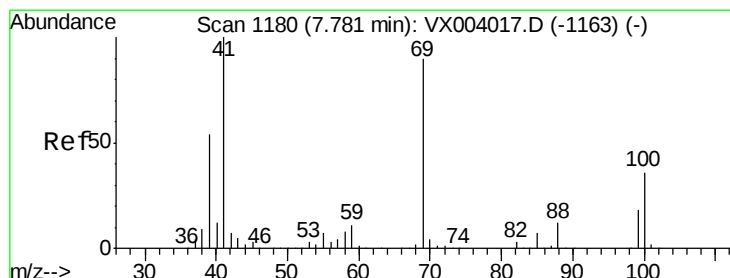
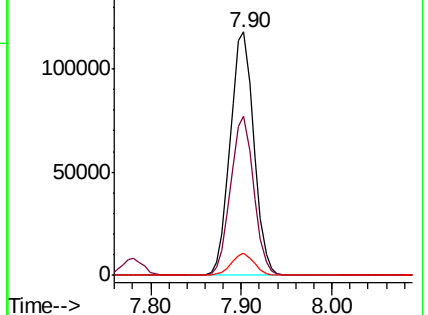
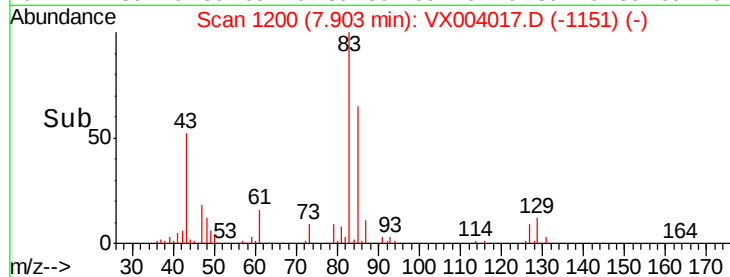
83 100

85 65.4 52.3 78.5

127 9.1 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 55.482 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX004017.D

Acq: 14 Aug 2018 00:58

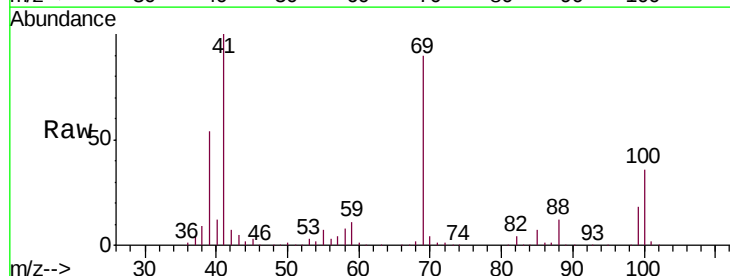
Tgt Ion: 41 Resp: 201173

Ion Ratio Lower Upper

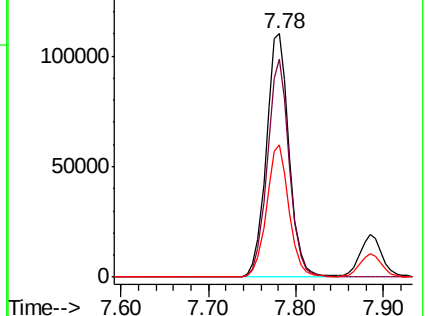
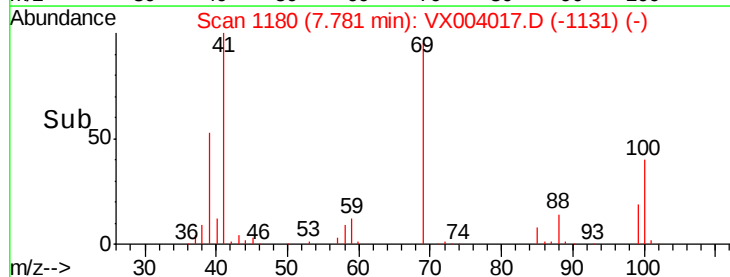
41 100

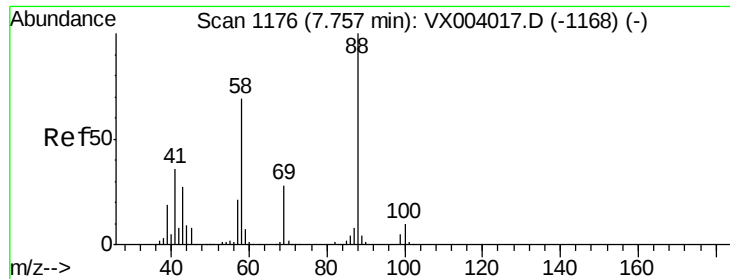
69 86.8 69.4 104.2

39 53.4 42.7 64.1



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

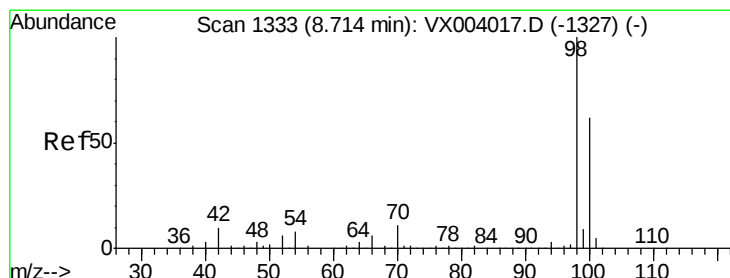
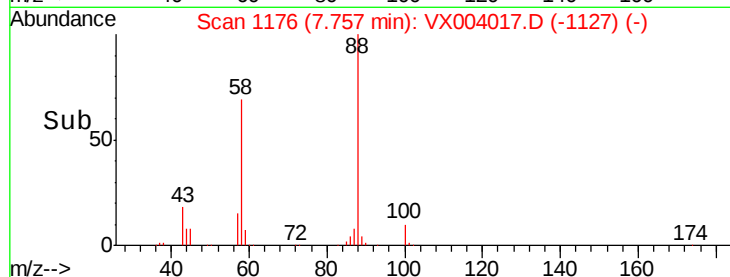
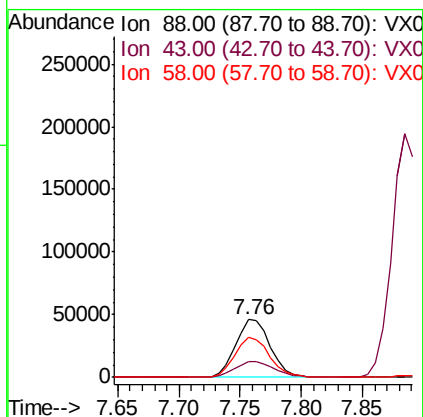
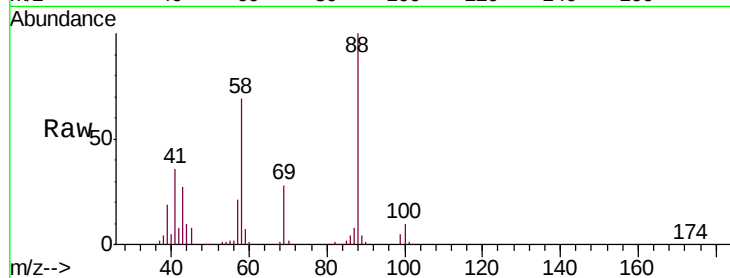




#49
 1,4-Dioxane
 Concen: 1068.960 ug/l
 RT: 7.76 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: VX004017.D
 Acq: 14 Aug 2018 00:58

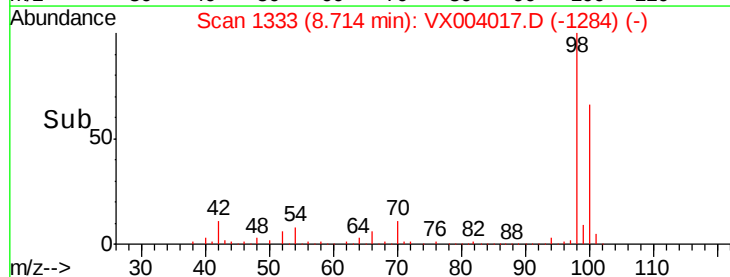
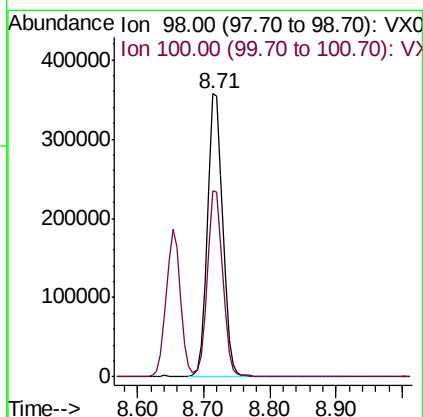
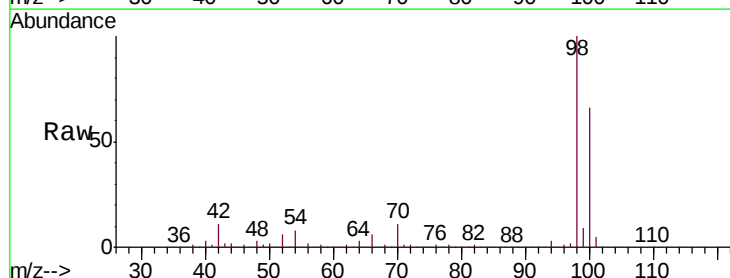
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC

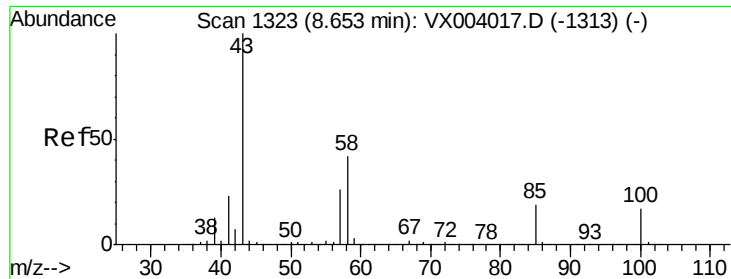
Tgt Ion: 88 Resp: 90643
 Ion Ratio Lower Upper
 88 100
 43 30.8 24.6 37.0
 58 69.8 55.8 83.8



#50
 Toluene-d8
 Concen: 51.653 ug/l
 RT: 8.71 min Scan# 1333
 Delta R.T. 0.00 min
 Lab File: VX004017.D
 Acq: 14 Aug 2018 00:58

Tgt Ion: 98 Resp: 579373
 Ion Ratio Lower Upper
 98 100
 100 66.2 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 276.592 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX004017.D

Acq: 14 Aug 2018 00:58

Instrument :

MSVOA_X

ClientSampleId :

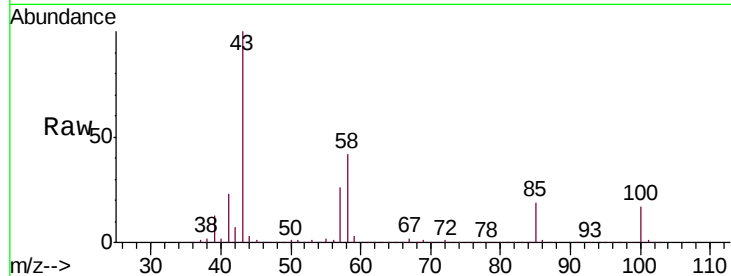
VSTDICC

Tgt Ion: 43 Resp: 1637099

Ion Ratio Lower Upper

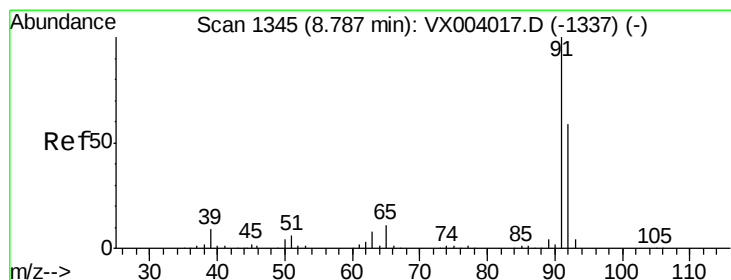
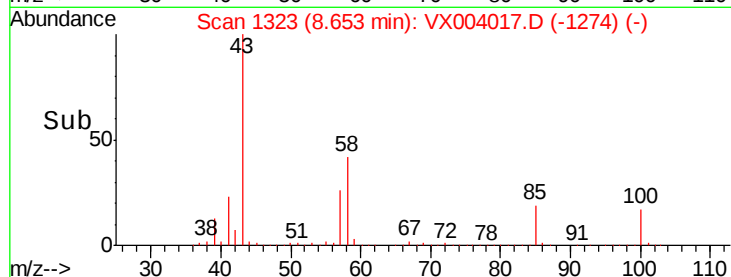
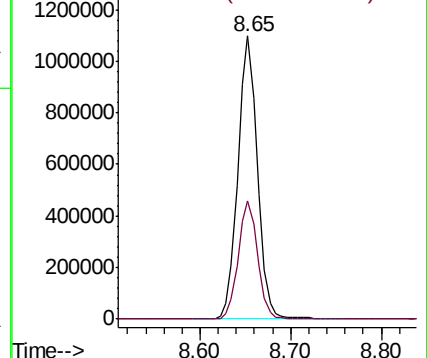
43 100

58 41.5 33.2 49.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.322 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX004017.D

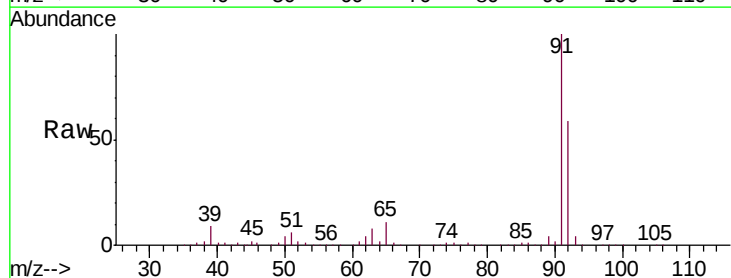
Acq: 14 Aug 2018 00:58

Tgt Ion: 92 Resp: 405346

Ion Ratio Lower Upper

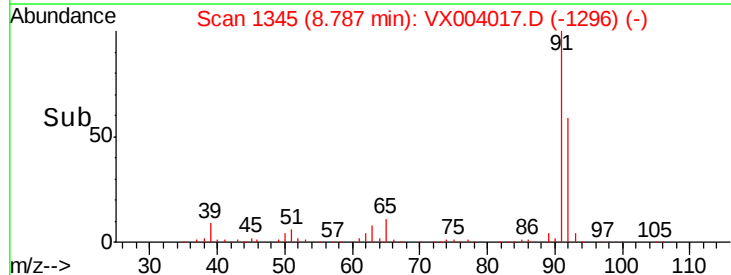
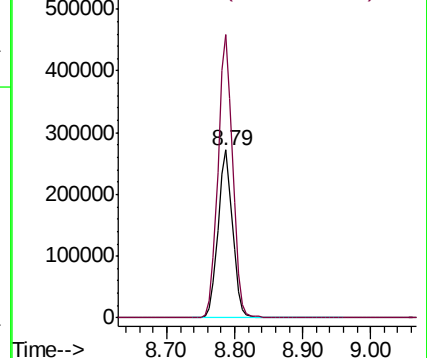
92 100

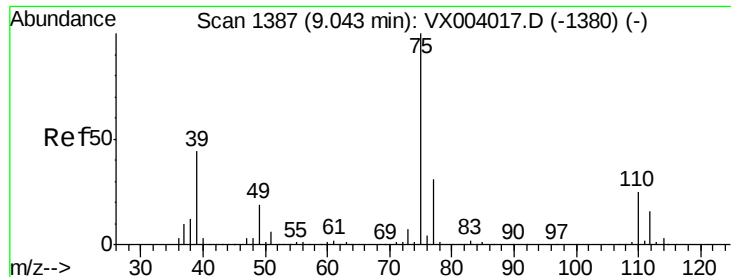
91 170.5 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

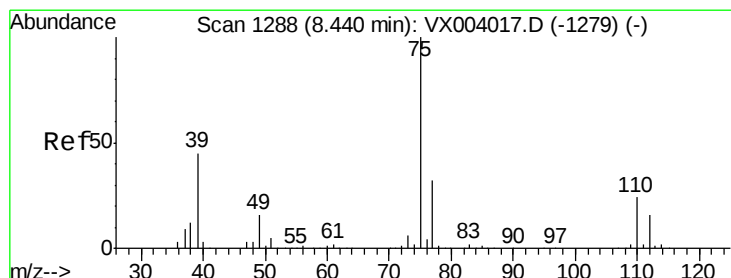
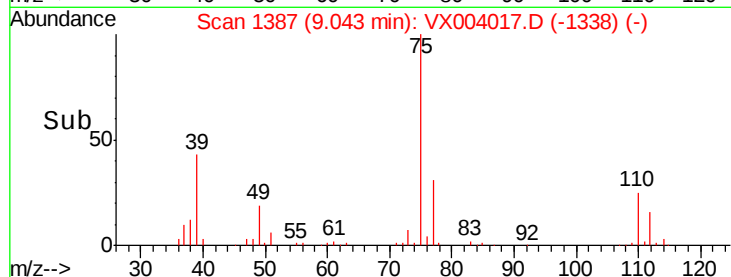
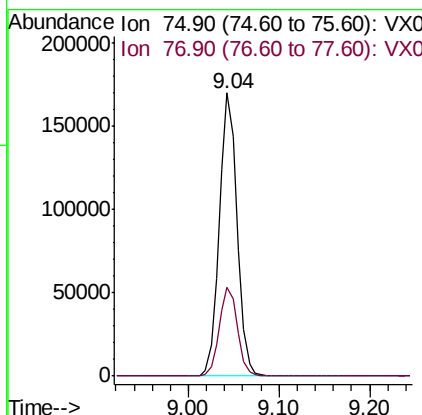
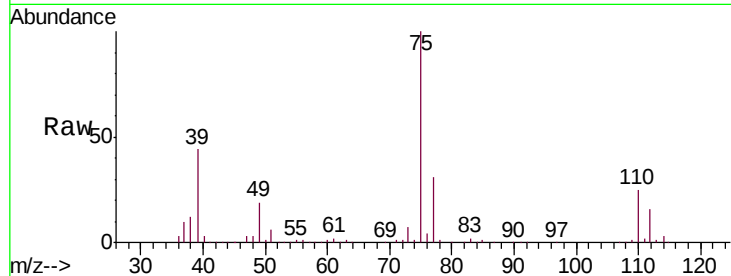




#53
t-1,3-Dichloropropene
Concen: 51.131 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VX004017.D
Acq: 14 Aug 2018 00:58

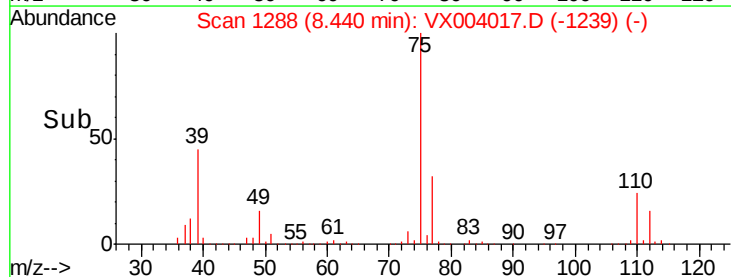
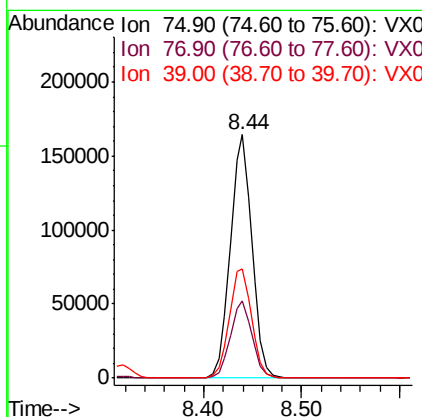
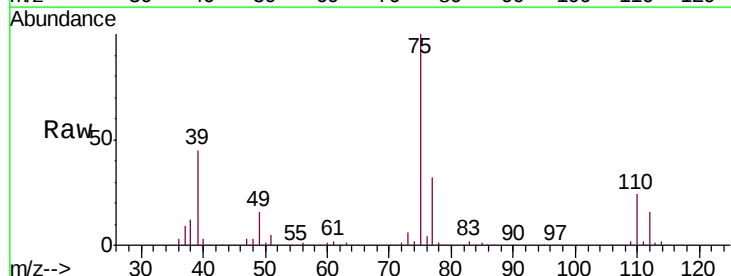
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC

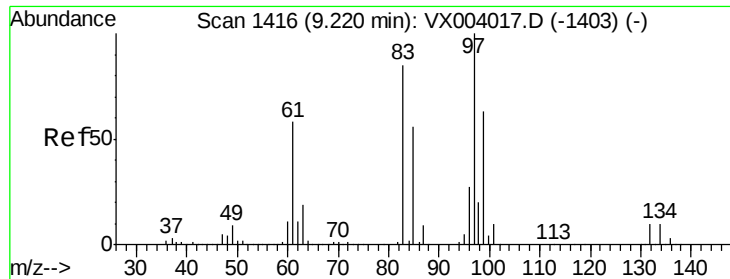
Tgt Ion: 75 Resp: 232637
Ion Ratio Lower Upper
75 100
77 31.2 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 51.353 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX004017.D
Acq: 14 Aug 2018 00:58

Tgt Ion: 75 Resp: 251600
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.2
39 44.5 35.6 53.4

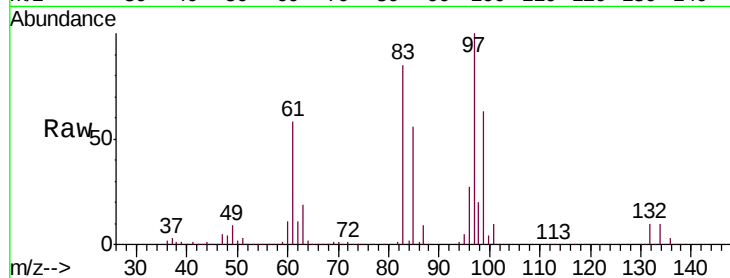




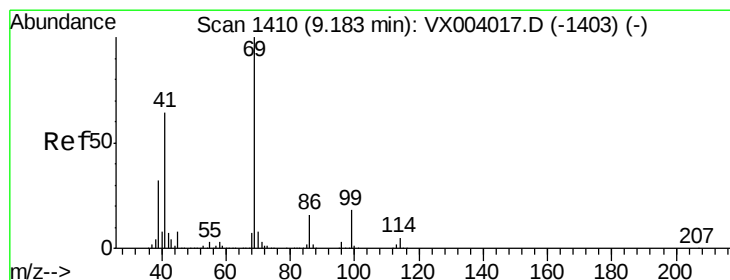
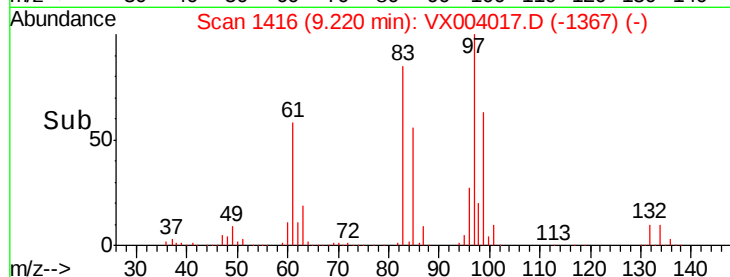
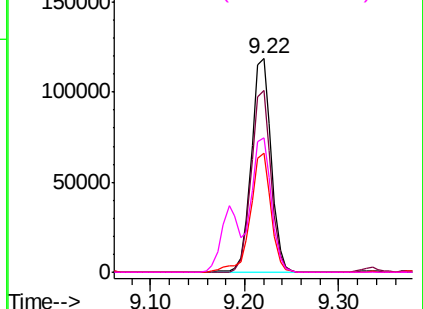
#55
 1,1,2-Trichloroethane
 Concen: 52.955 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX004017.D
 Acq: 14 Aug 2018 00:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC

Tgt Ion:	97	Resp:	176755
Ion	Ratio	Lower	Upper
97	100		
83	85.0	68.0	102.0
85	55.7	44.6	66.8
99	63.1	50.5	75.7

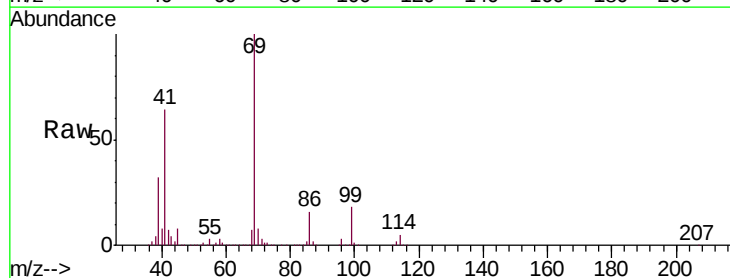


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

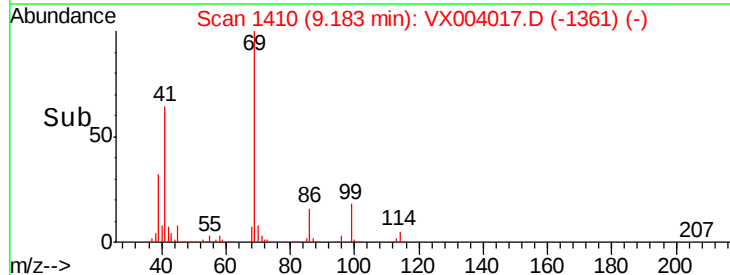
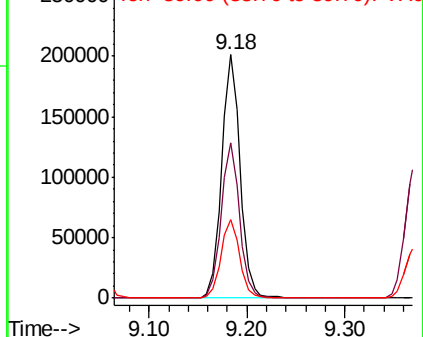


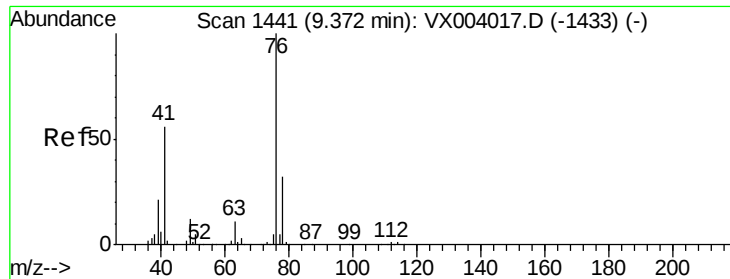
#56
 Ethyl methacrylate
 Concen: 54.708 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX004017.D
 Acq: 14 Aug 2018 00:58

Tgt Ion:	69	Resp:	263847
Ion	Ratio	Lower	Upper
69	100		
41	63.4	50.7	76.1
39	32.9	26.3	39.5



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

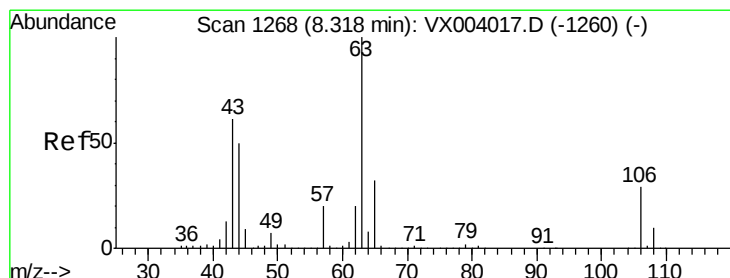
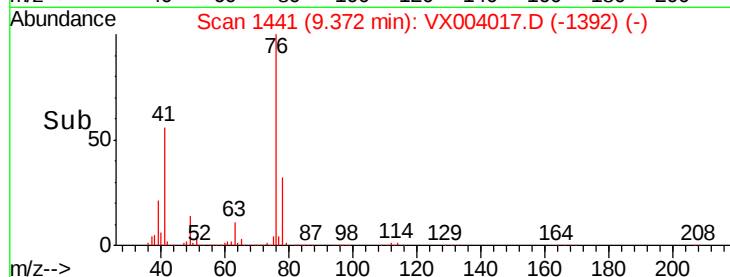
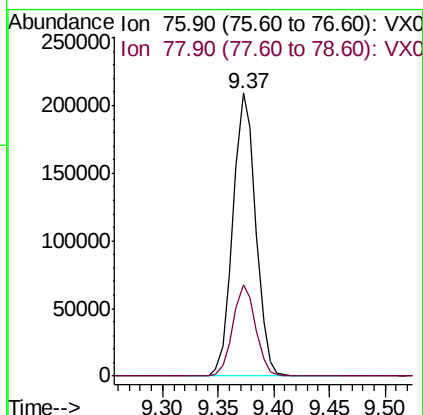
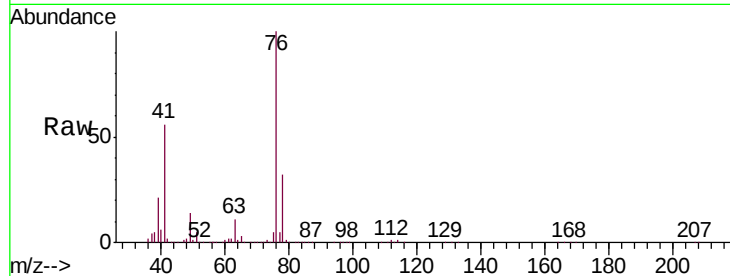




#57
 1,3-Dichloropropane
 Concen: 52.937 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VX004017.D
 Acq: 14 Aug 2018 00:58

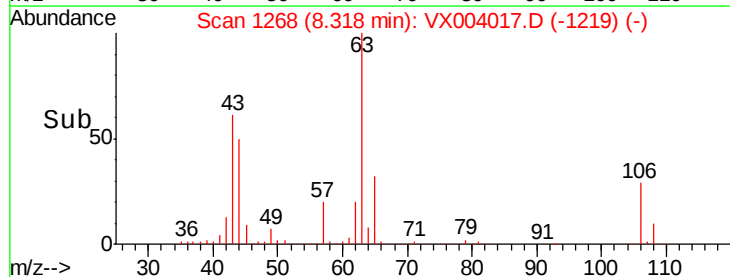
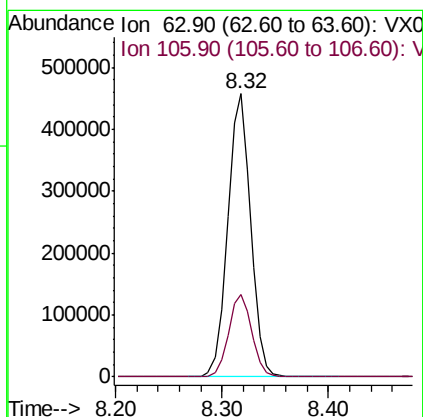
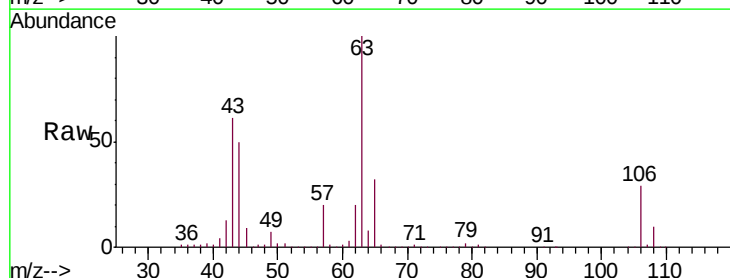
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC

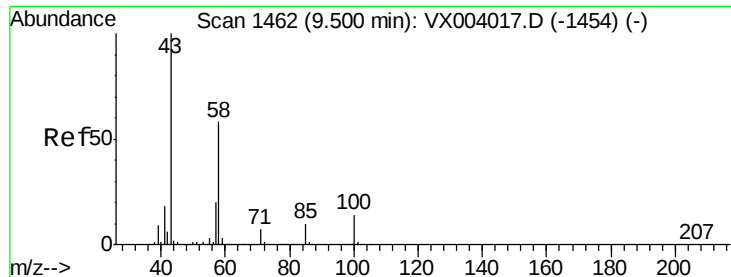
Tgt Ion: 76 Resp: 297334
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 287.961 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX004017.D
 Acq: 14 Aug 2018 00:58

Tgt Ion: 63 Resp: 688969
 Ion Ratio Lower Upper
 63 100
 106 29.5 23.6 35.4

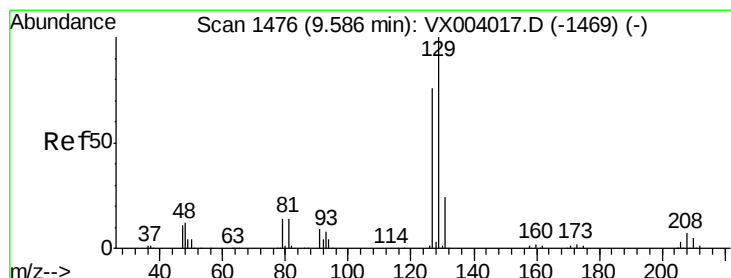
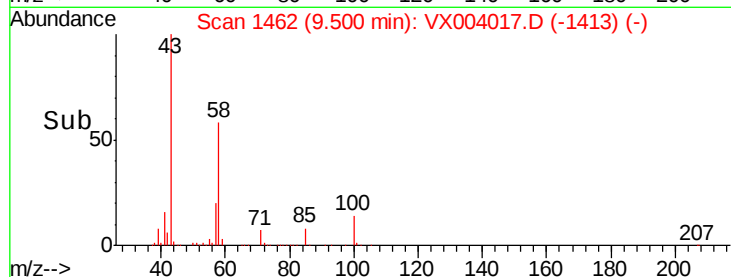
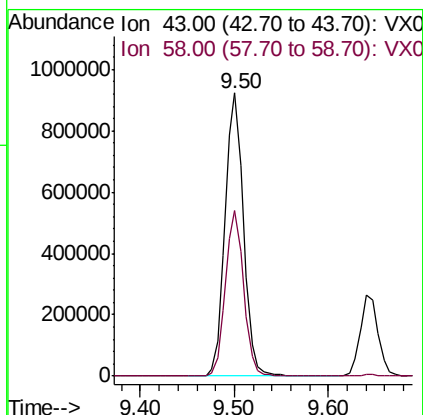
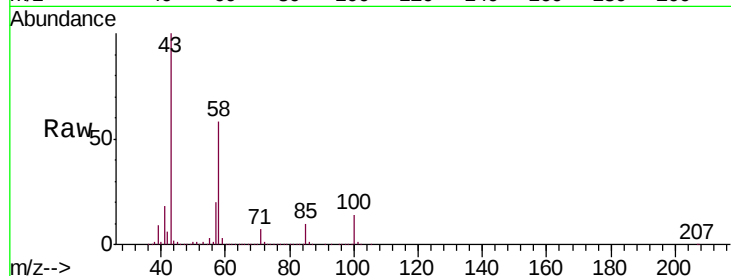




#59
2-Hexanone
Concen: 282.760 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX004017.D
Acq: 14 Aug 2018 00:58

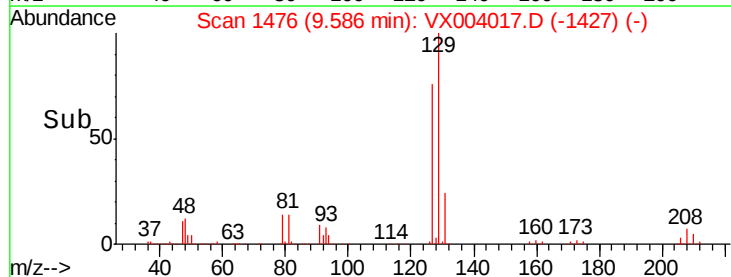
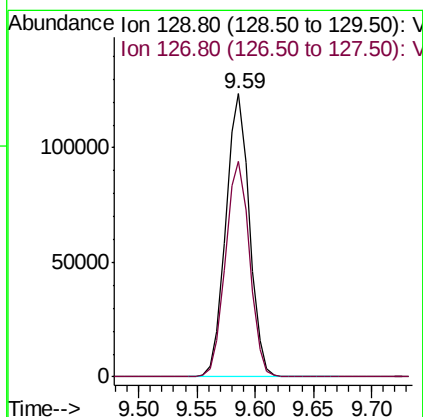
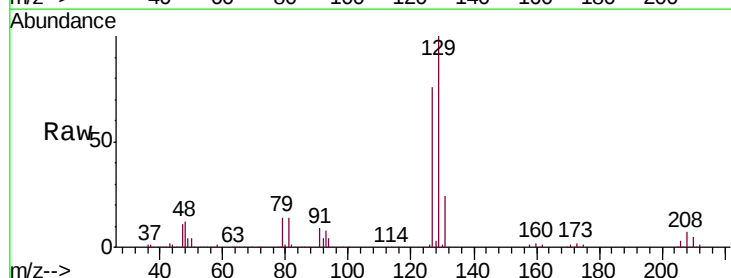
Instrument :
MSVOA_X
ClientSampled :
VSTDICC

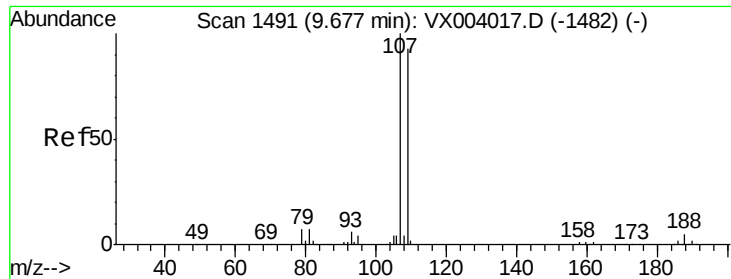
Tgt Ion: 43 Resp: 1255086
Ion Ratio Lower Upper
43 100
58 57.7 28.8 86.5



#60
Dibromochloromethane
Concen: 55.745 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX004017.D
Acq: 14 Aug 2018 00:58

Tgt Ion: 129 Resp: 173873
Ion Ratio Lower Upper
129 100
127 77.8 38.9 116.7

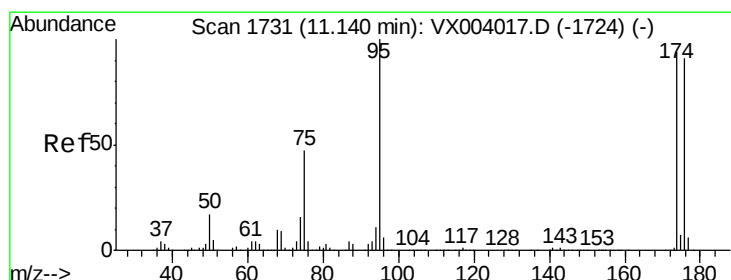
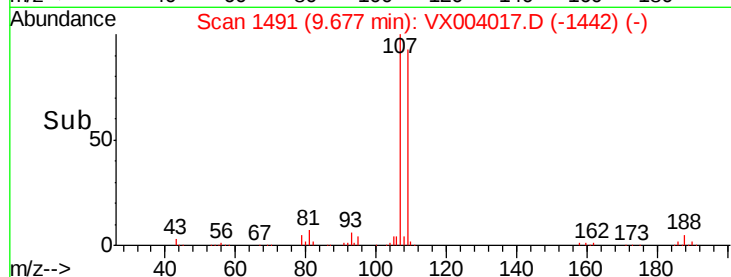
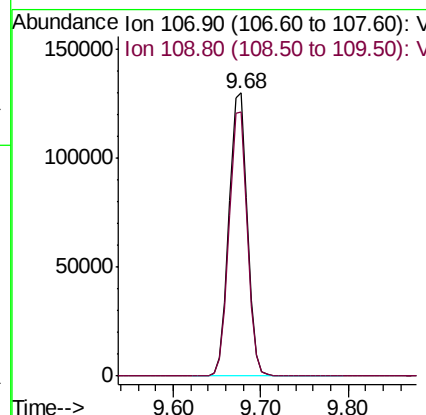
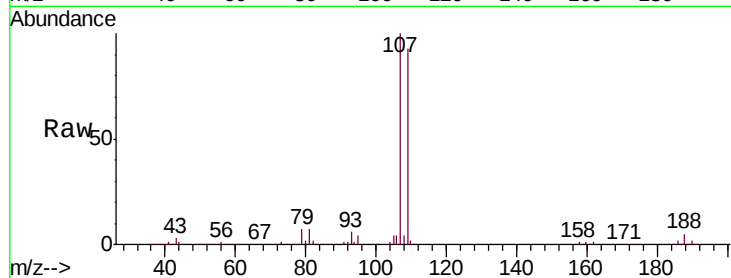




#61
 1,2-Dibromoethane
 Concen: 55.525 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX004017.D
 Acq: 14 Aug 2018 00:58

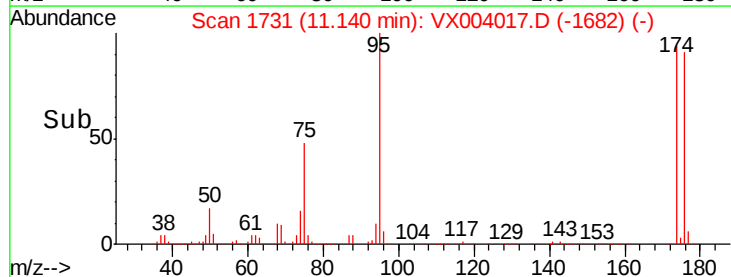
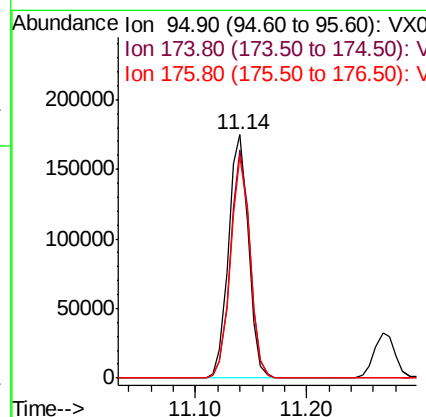
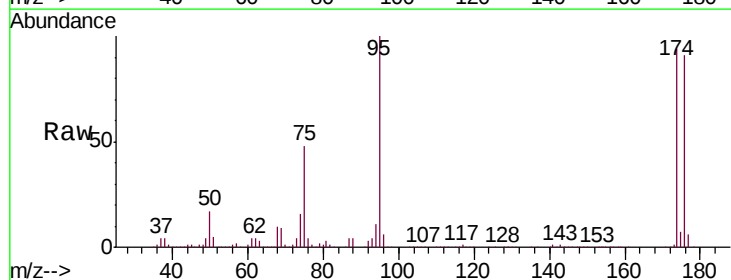
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDICC

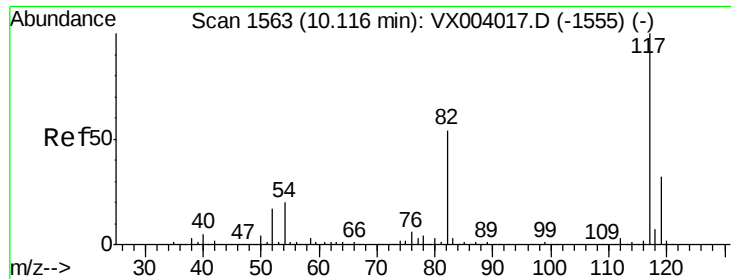
Tgt Ion: 107 Resp: 187404
 Ion Ratio Lower Upper
 107 100
 109 93.3 74.6 112.0



#62
 4-Bromofluorobenzene
 Concen: 57.415 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX004017.D
 Acq: 14 Aug 2018 00:58

Tgt Ion: 95 Resp: 217270
 Ion Ratio Lower Upper
 95 100
 174 91.4 0.0 182.8
 176 88.6 0.0 177.2

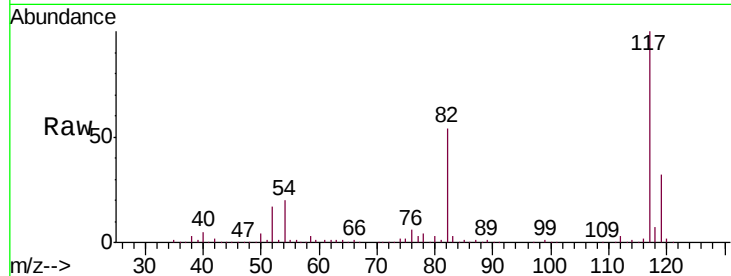




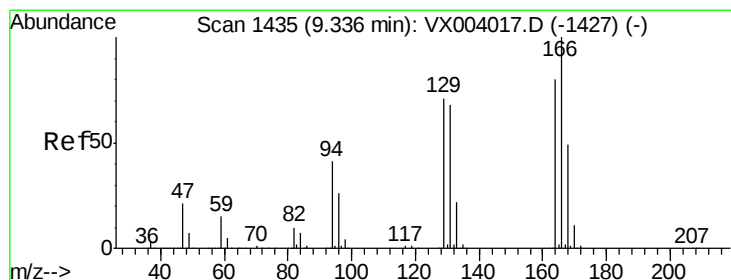
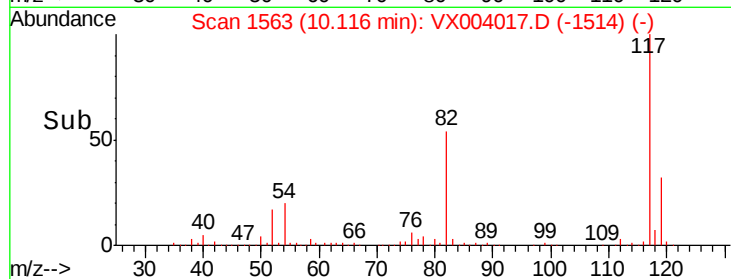
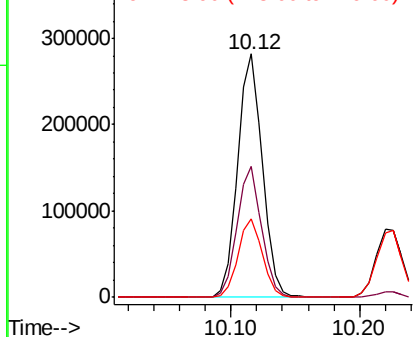
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX004017.D
Acq: 14 Aug 2018 00:58

Instrument :
MSVOA_X
ClientSampled :
VSTDICC

Tgt Ion:117 Resp: 374686
Ion Ratio Lower Upper
117 100
82 53.6 42.9 64.3
119 32.1 25.7 38.5

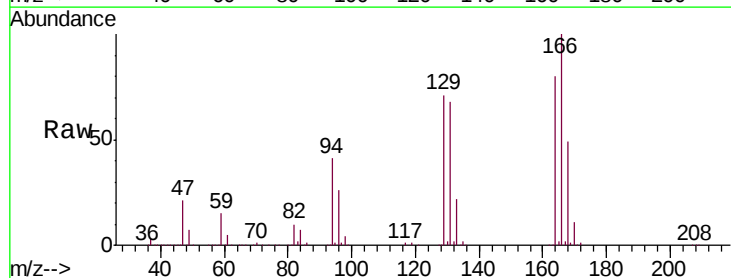


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

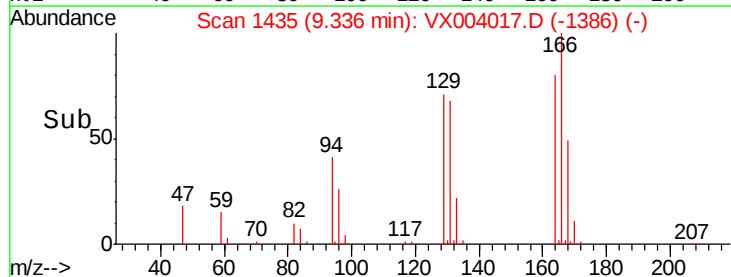
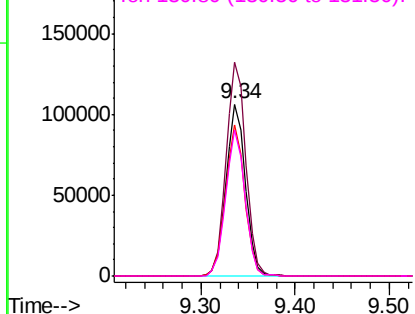


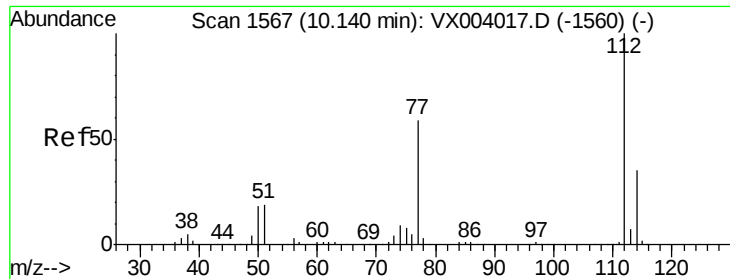
#64
Tetrachloroethene
Concen: 42.029 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX004017.D
Acq: 14 Aug 2018 00:58

Tgt Ion:164 Resp: 151626
Ion Ratio Lower Upper
164 100
166 124.4 99.5 149.3
129 88.0 70.4 105.6
131 84.9 67.9 101.9



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 46.090 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX004017.D

Acq: 14 Aug 2018 00:58

Instrument :

MSVOA_X

ClientSampleId :

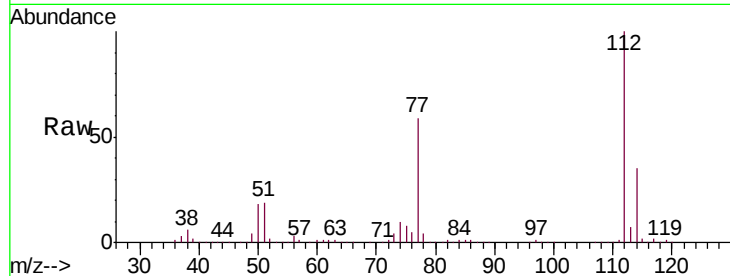
VSTDICC

Tgt Ion:112 Resp: 442342

Ion Ratio Lower Upper

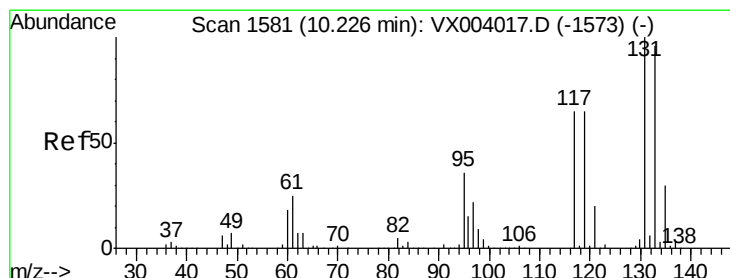
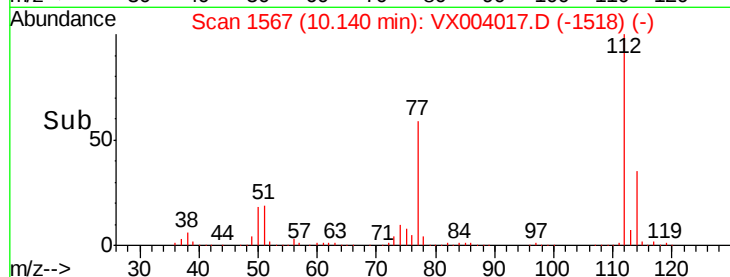
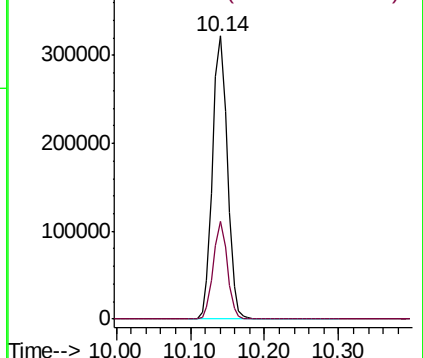
112 100

114 34.5 27.6 41.4



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: 50.003 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX004017.D

Acq: 14 Aug 2018 00:58

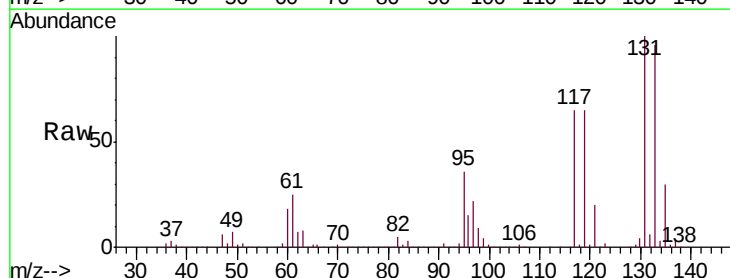
Tgt Ion:131 Resp: 166068

Ion Ratio Lower Upper

131 100

133 95.8 47.9 143.7

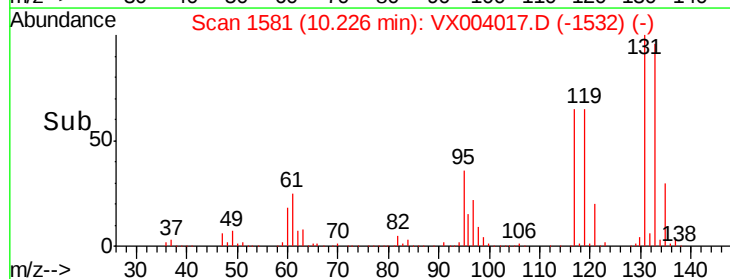
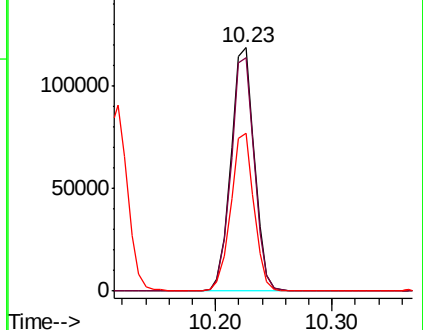
119 64.0 32.0 96.0

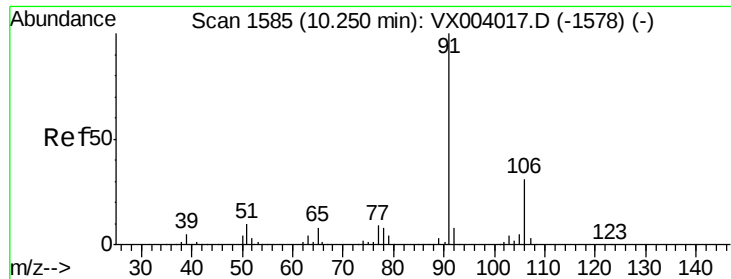


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

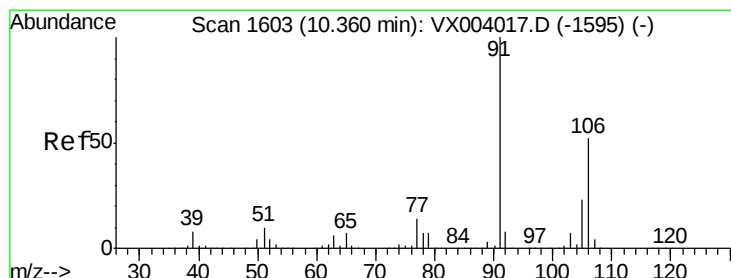
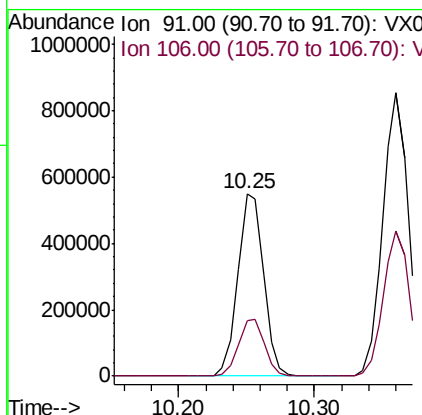
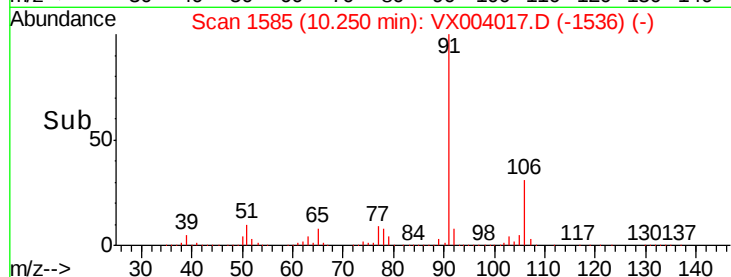
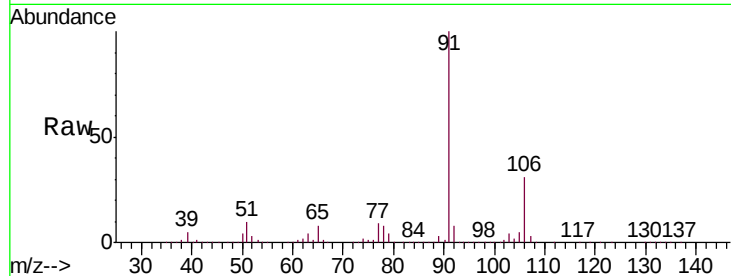




#67
Ethyl Benzene
Concen: 46.397 ug/l
RT: 10.25 min Scan# 1585
Delta R.T. 0.00 min
Lab File: VX004017.D
Acq: 14 Aug 2018 00:58

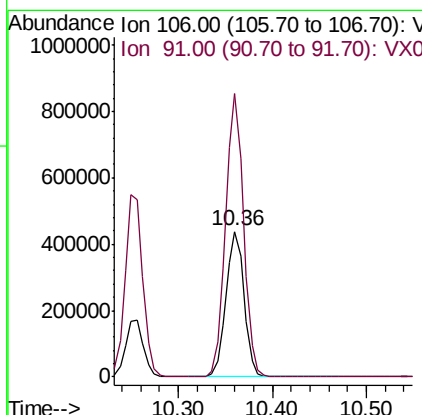
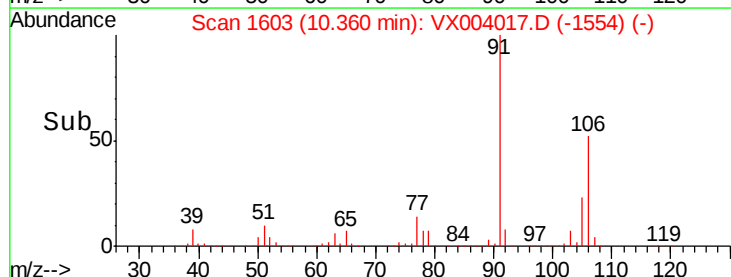
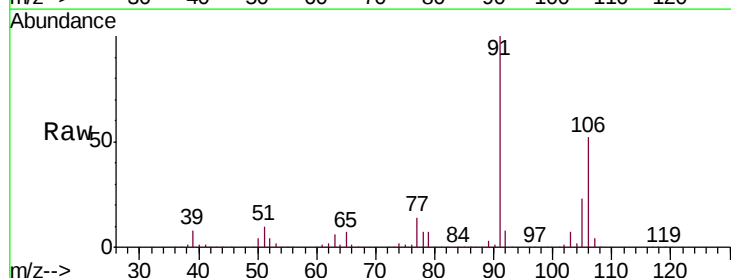
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC

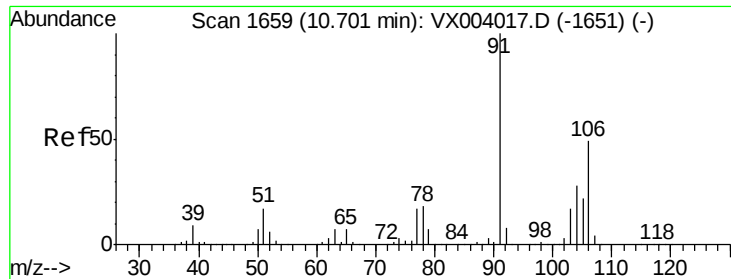
Tgt Ion: 91 Resp: 726747
Ion Ratio Lower Upper
91 100
106 30.6 24.5 36.7



#68
m/p-Xylenes
Concen: 94.633 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX004017.D
Acq: 14 Aug 2018 00:58

Tgt Ion: 106 Resp: 581532
Ion Ratio Lower Upper
106 100
91 193.8 155.0 232.6

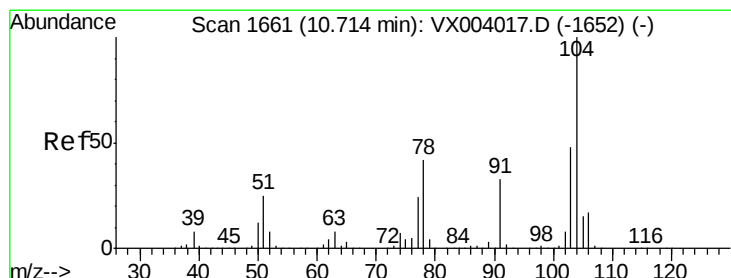
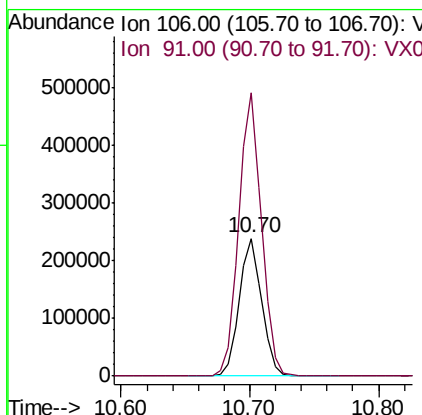
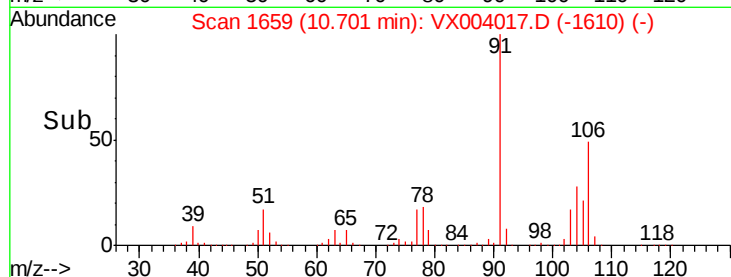
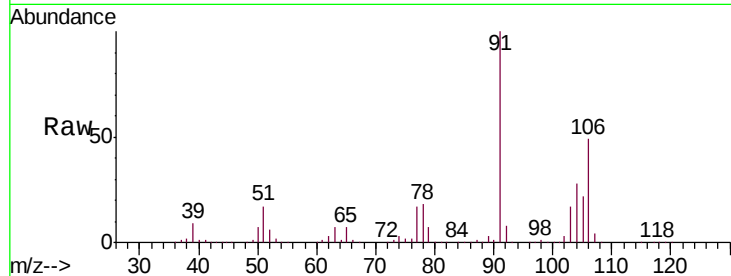




#69
o-Xylene
Concen: 49.831 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX004017.D
Acq: 14 Aug 2018 00:58

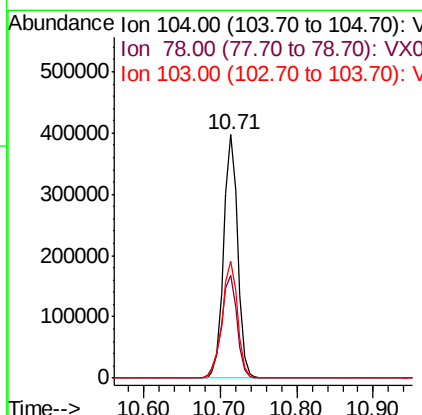
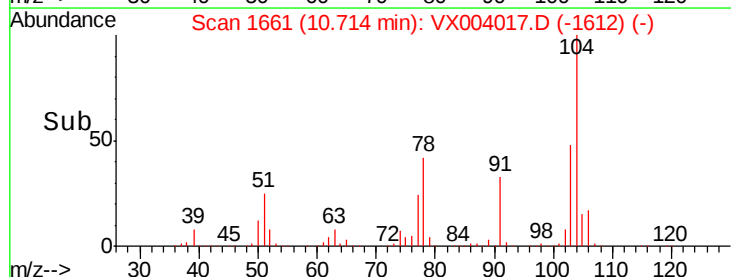
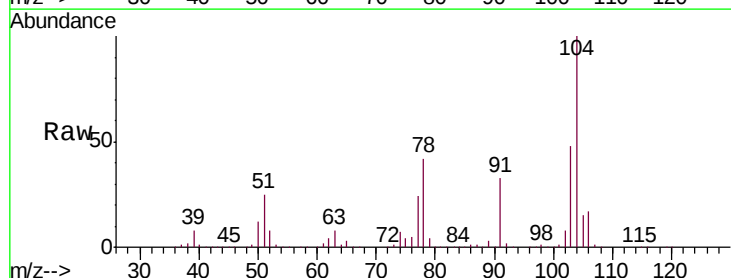
Instrument :
MSVOA_X
ClientSampled :
VSTDICC

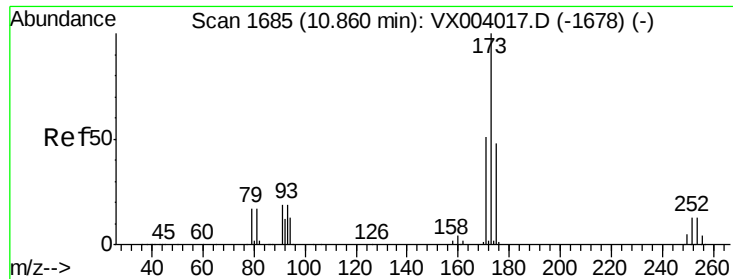
Tgt Ion:106 Resp: 290435
Ion Ratio Lower Upper
106 100
91 207.3 103.6 310.9



#70
Styrene
Concen: 52.392 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX004017.D
Acq: 14 Aug 2018 00:58

Tgt Ion:104 Resp: 505155
Ion Ratio Lower Upper
104 100
78 46.9 37.5 56.3
103 52.5 42.0 63.0

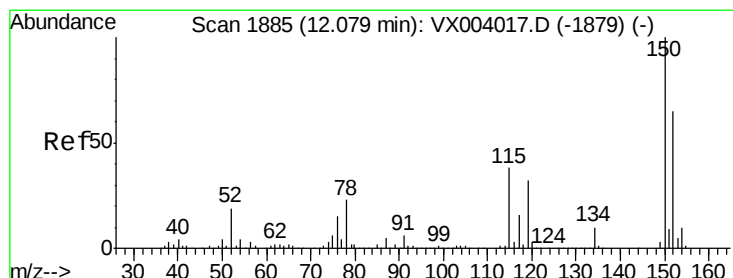
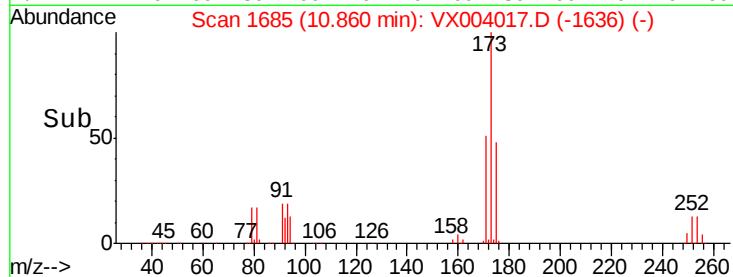
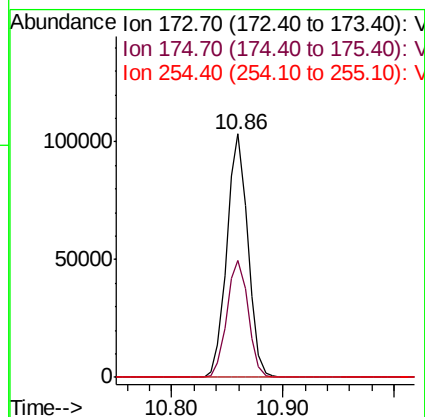
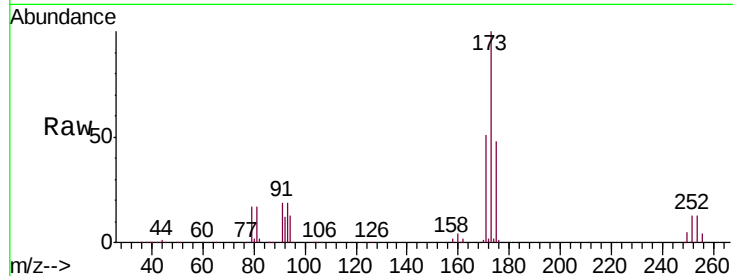




#71
Bromoform
Concen: 53.699 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX004017.D
Acq: 14 Aug 2018 00:58

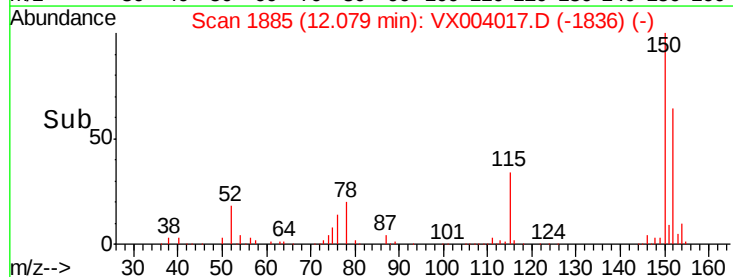
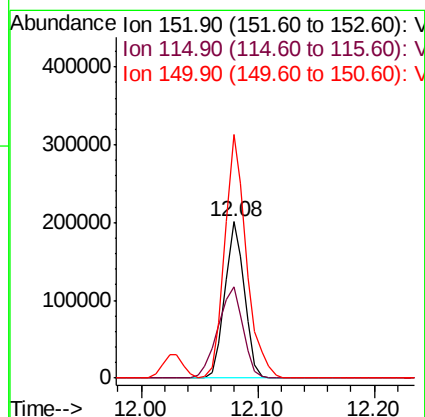
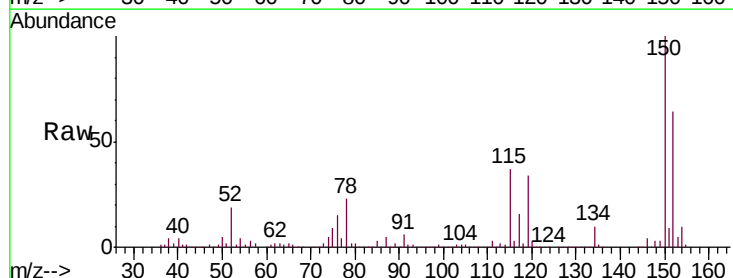
Instrument :
MSVOA_X
ClientSampled :
VSTDICC

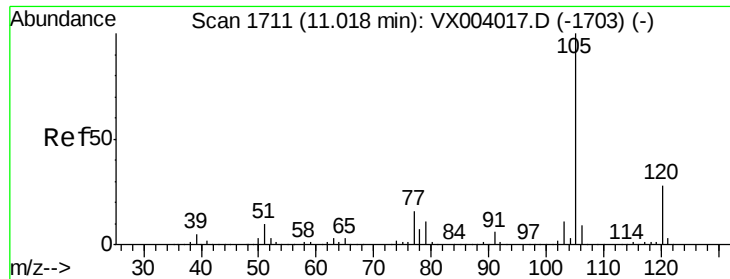
Tgt Ion:173 Resp: 135003
Ion Ratio Lower Upper
173 100
175 49.0 24.5 73.5
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX004017.D
Acq: 14 Aug 2018 00:58

Tgt Ion:152 Resp: 230975
Ion Ratio Lower Upper
152 100
115 74.5 37.3 111.8
150 173.4 0.0 346.8





#73

Isopropylbenzene

Concen: 43.191 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX004017.D

Acq: 14 Aug 2018 00:58

Instrument :

MSVOA_X

ClientSampleId :

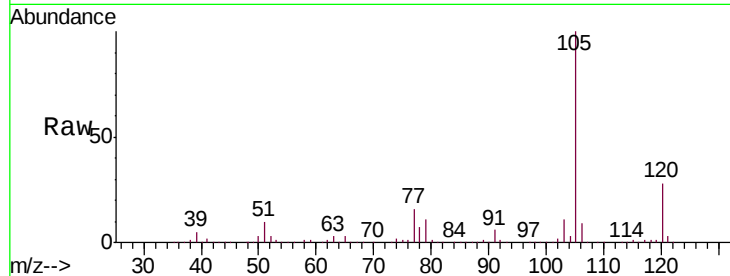
VSTDICC

Tgt Ion: 105 Resp: 709843

Ion Ratio Lower Upper

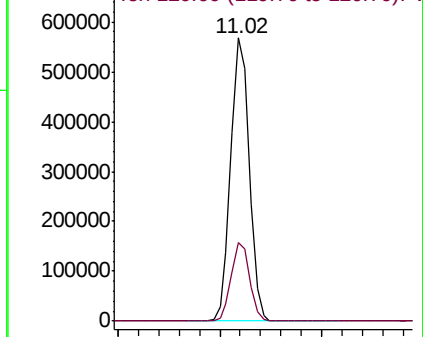
105 100

120 27.6 13.8 41.4

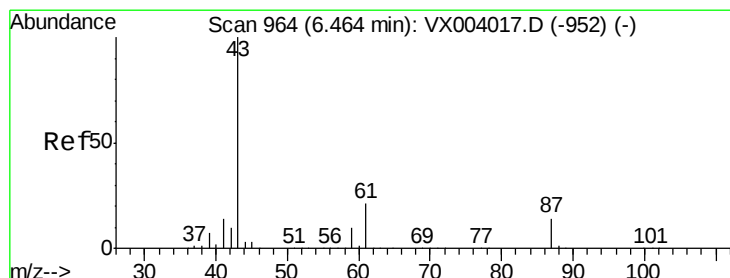
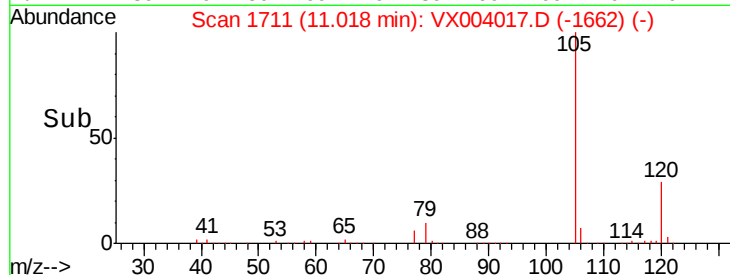


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 44.445 ug/l

RT: 6.46 min Scan# 964

Delta R.T. 0.00 min

Lab File: VX004017.D

Acq: 14 Aug 2018 00:58

Tgt Ion: 43 Resp: 386937

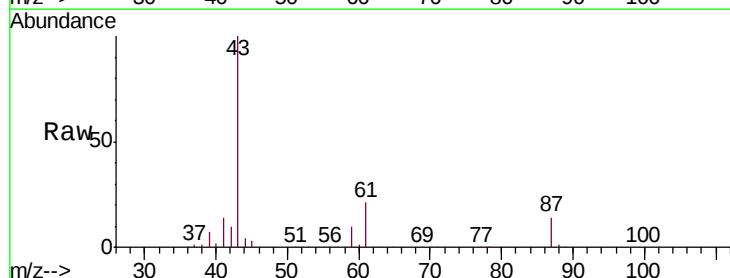
Ion Ratio Lower Upper

43 100

70 0.1 0.1 0.1#

55 0.1 0.1 0.1

61 20.7 16.6 24.8

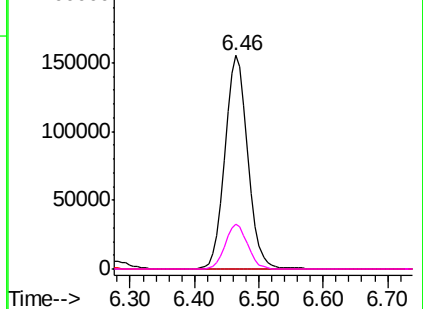


Abundance Ion 43.00 (42.70 to 43.70): VX0

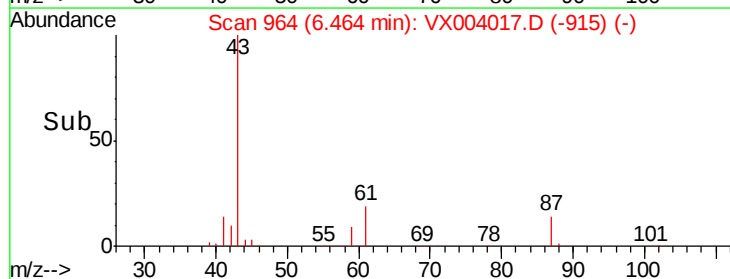
Ion 70.00 (69.70 to 70.70): VX0

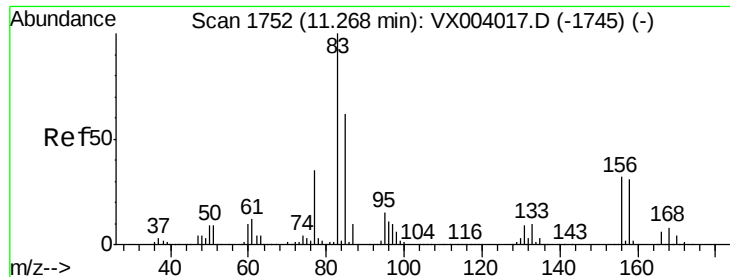
Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



Time--> 6.30 6.40 6.50 6.60 6.70

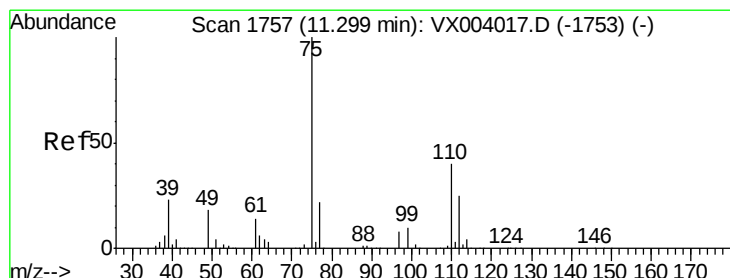
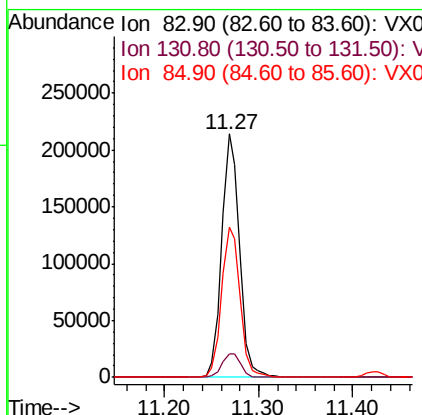
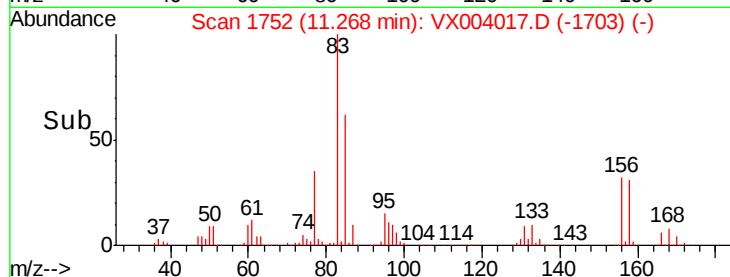
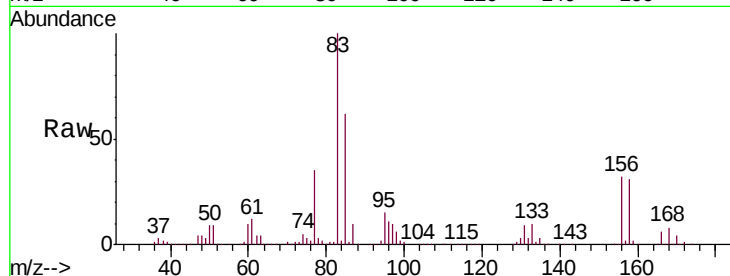




#75
 1,1,2,2-Tetrachloroethane
 Concen: 47.647 ug/l
 RT: 11.27 min Scan# 1752
 Delta R.T. 0.00 min
 Lab File: VX004017.D
 Acq: 14 Aug 2018 00:58

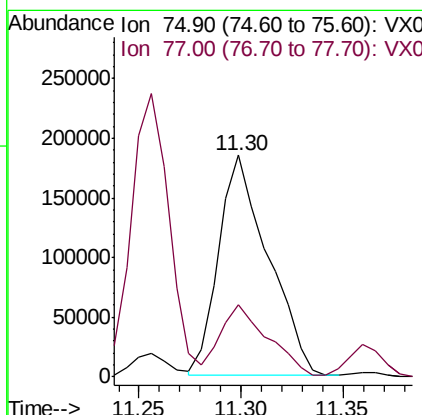
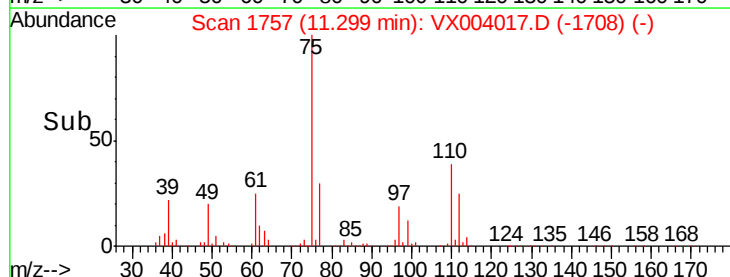
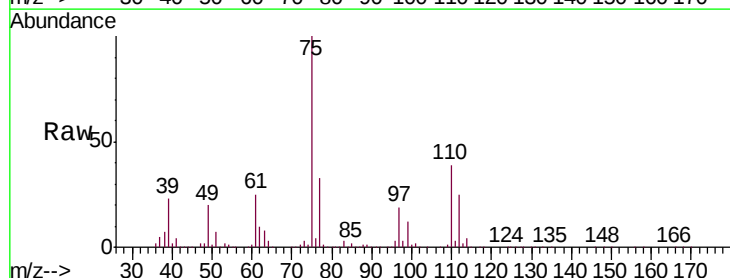
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDICC

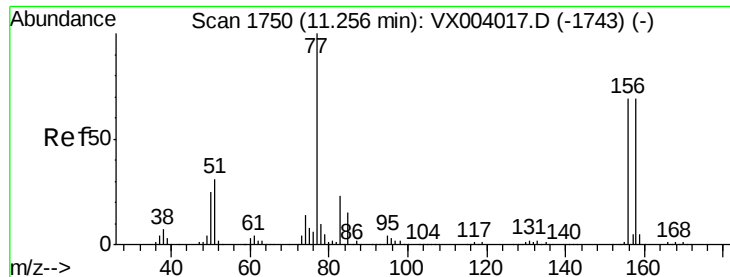
Tgt Ion: 83 Resp: 280070
 Ion Ratio Lower Upper
 83 100
 131 10.2 5.1 15.3
 85 64.1 32.0 96.2



#76
 1,2,3-Trichloropropane
 Concen: 60.891 ug/l
 RT: 11.30 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VX004017.D
 Acq: 14 Aug 2018 00:58

Tgt Ion: 75 Resp: 311885
 Ion Ratio Lower Upper
 75 100
 77 31.8 19.8 59.3





#77

Bromobenzene

Concen: 46.326 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX004017.D

Acq: 14 Aug 2018 00:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC

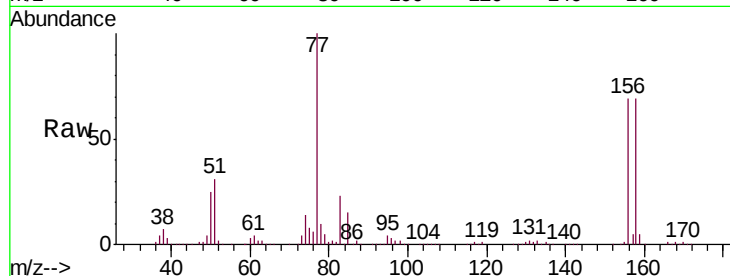
Tgt Ion:156 Resp: 210771

Ion Ratio Lower Upper

156 100

77 146.2 73.1 219.3

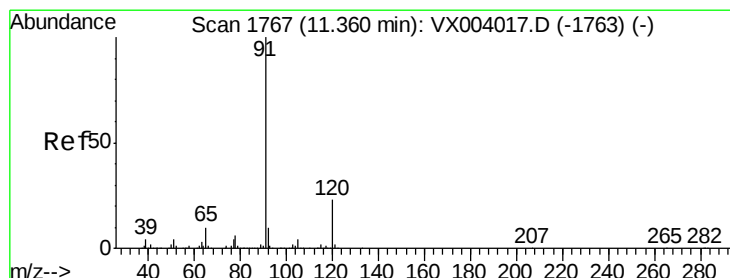
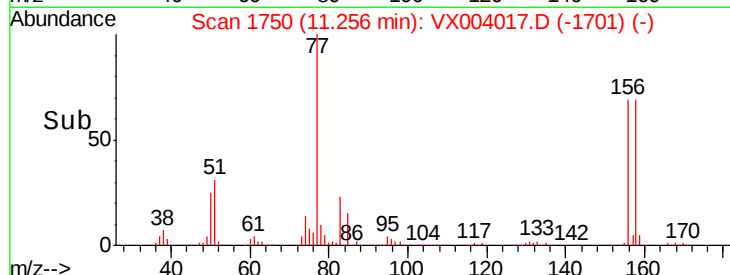
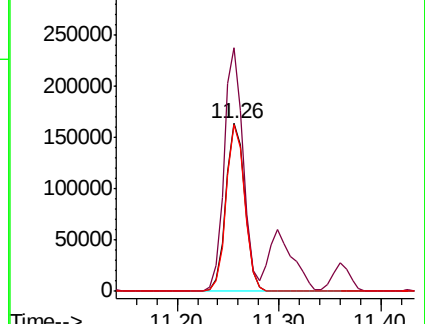
158 97.9 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 43.634 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX004017.D

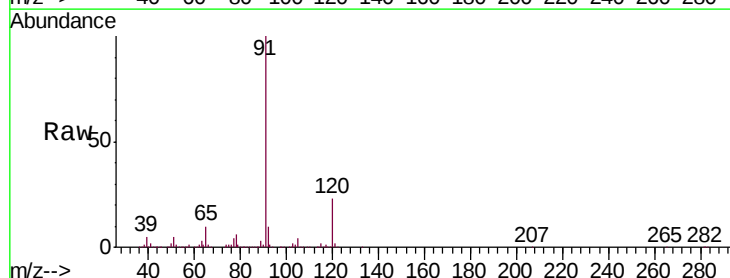
Acq: 14 Aug 2018 00:58

Tgt Ion: 91 Resp: 817850

Ion Ratio Lower Upper

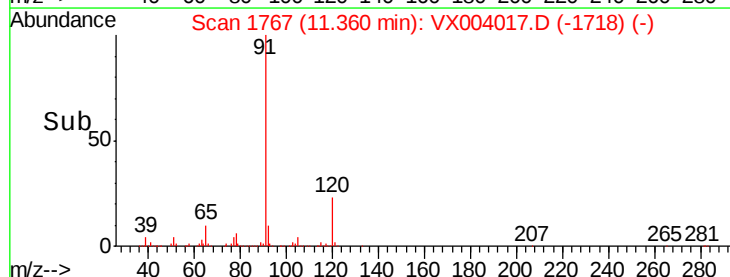
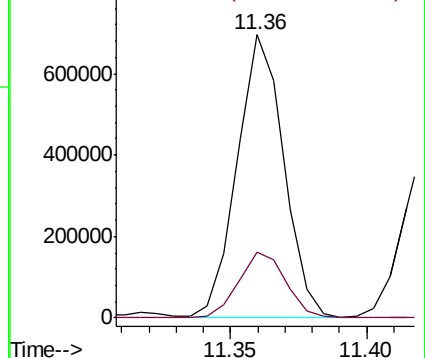
91 100

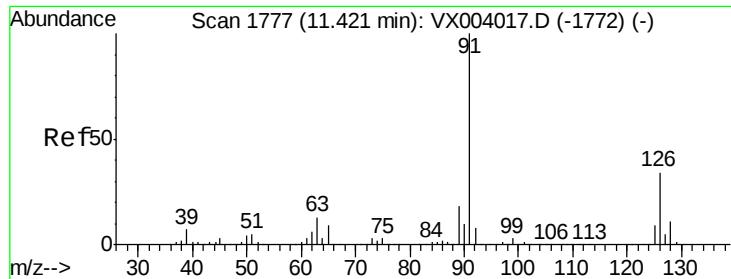
120 23.7 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

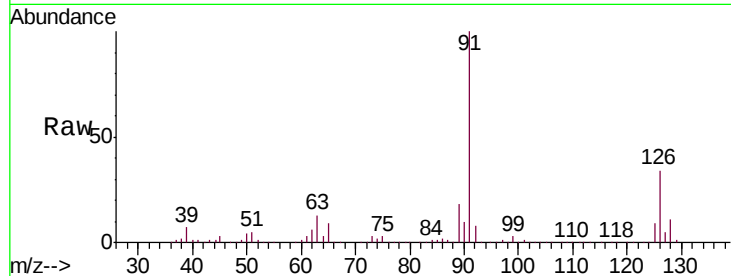




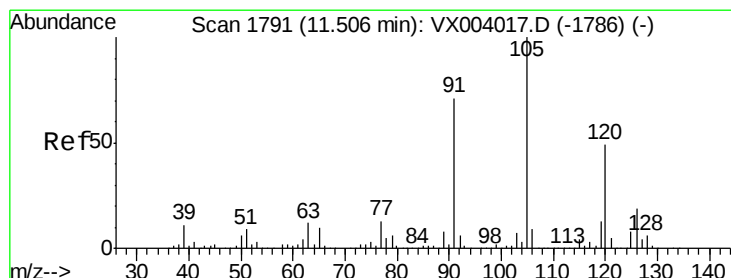
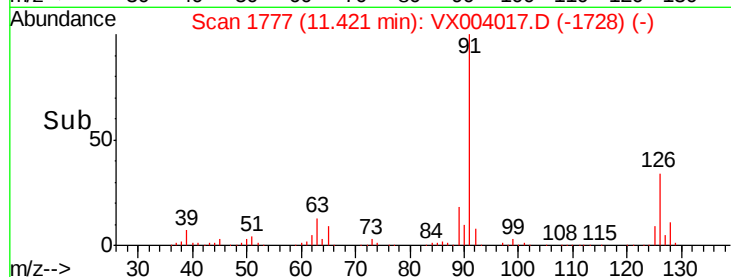
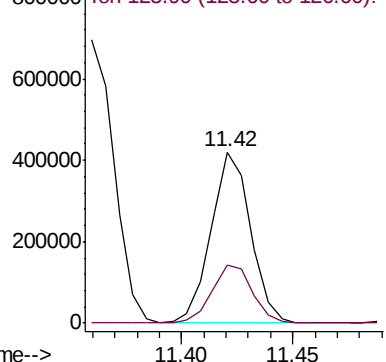
#79
 2-Chlorotoluene
 Concen: 44.660 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. 0.00 min
 Lab File: VX004017.D
 Acq: 14 Aug 2018 00:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC

Tgt Ion: 91 Resp: 516355
 Ion Ratio Lower Upper
 91 100
 126 35.1 17.5 52.6

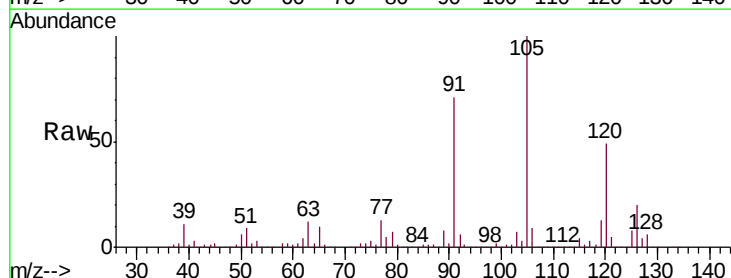


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

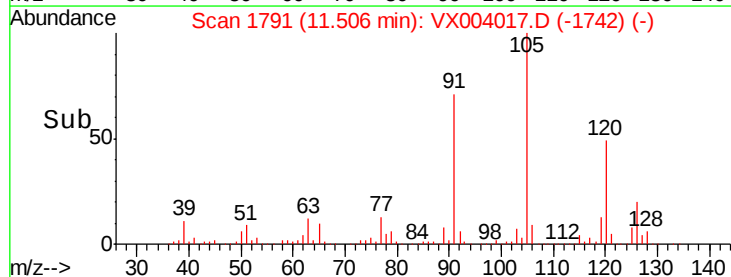
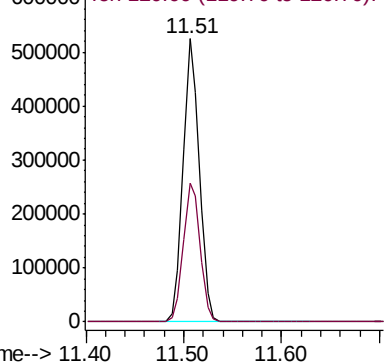


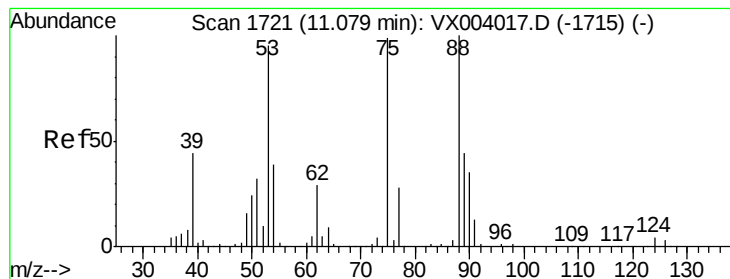
#80
 1,3,5-Trimethylbenzene
 Concen: 44.310 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX004017.D
 Acq: 14 Aug 2018 00:58

Tgt Ion: 105 Resp: 605187
 Ion Ratio Lower Upper
 105 100
 120 50.7 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 45.850 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX004017.D

Acq: 14 Aug 2018 00:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC

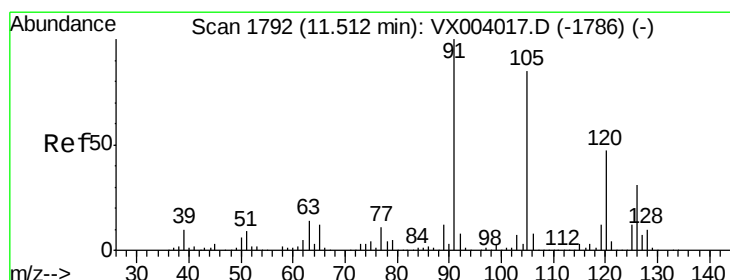
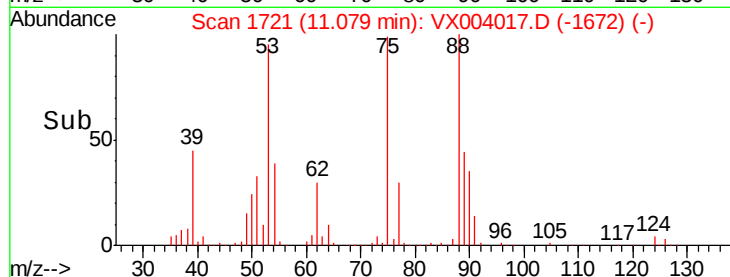
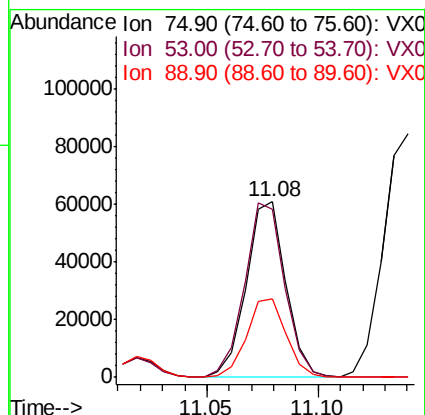
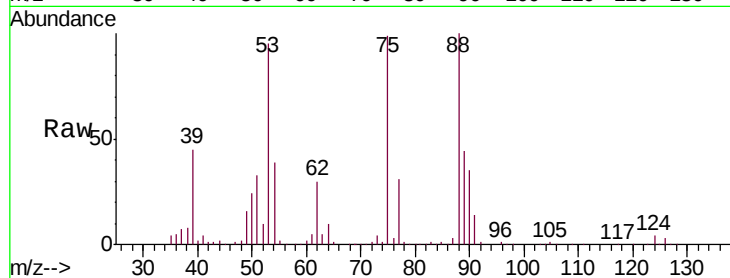
Tgt Ion: 75 Resp: 74878

Ion Ratio Lower Upper

75 100

53 101.3 81.0 121.6

89 45.4 36.3 54.5



#82

4-Chlorotoluene

Concen: 44.724 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX004017.D

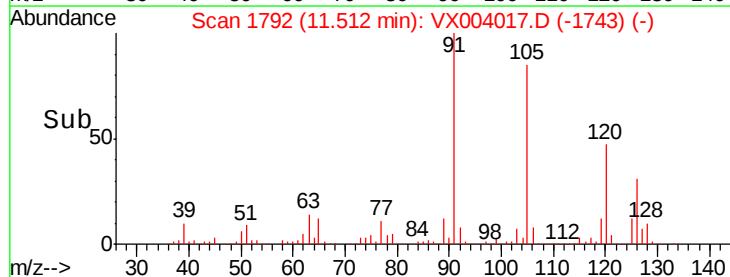
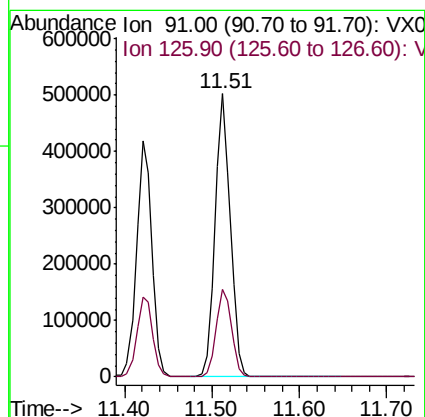
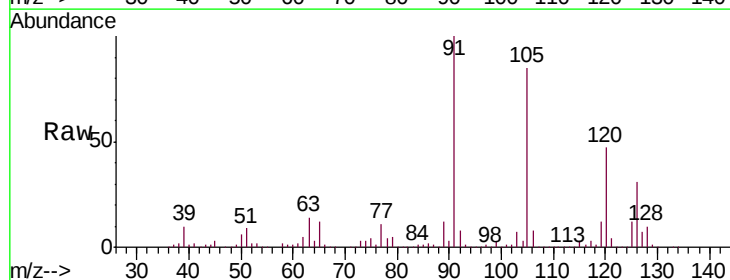
Acq: 14 Aug 2018 00:58

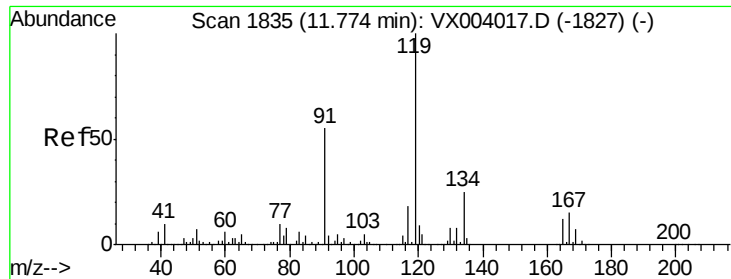
Tgt Ion: 91 Resp: 605202

Ion Ratio Lower Upper

91 100

126 31.4 15.7 47.1

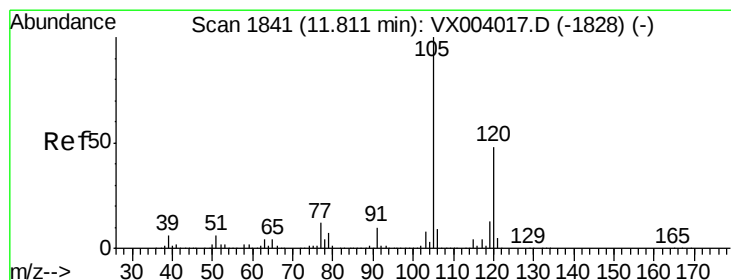
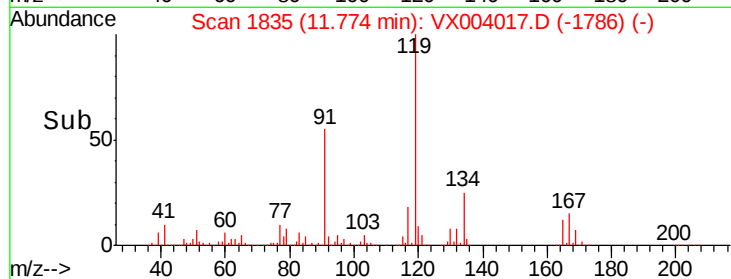
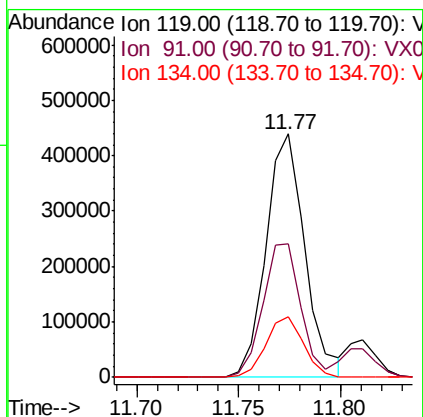
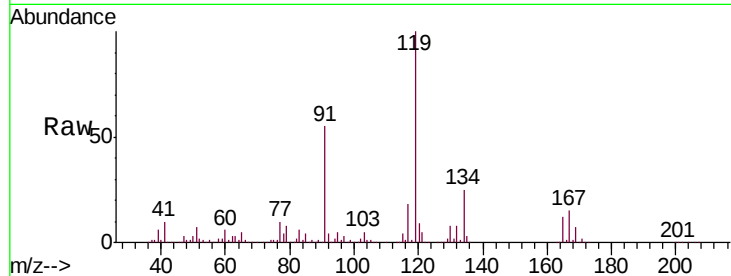




#83
 tert-Butylbenzene
 Concen: 43.667 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX004017.D
 Acq: 14 Aug 2018 00:58

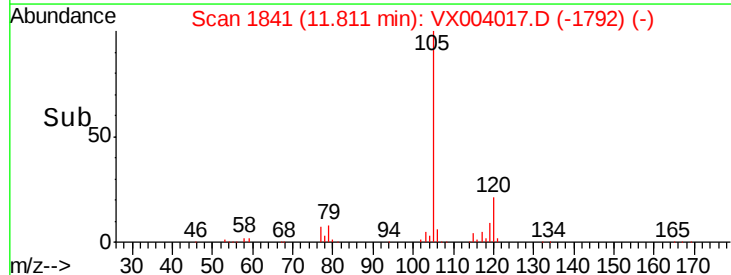
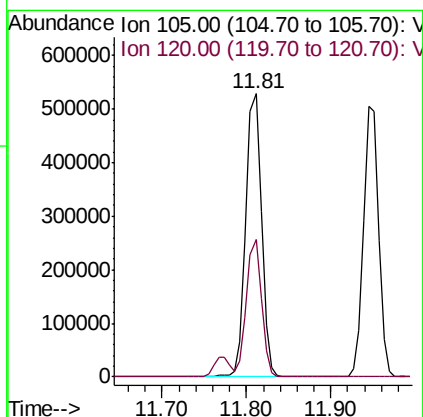
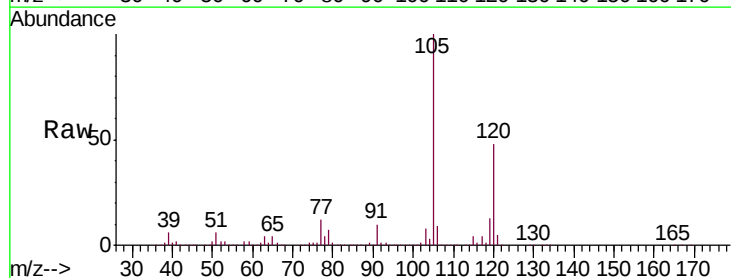
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDICC

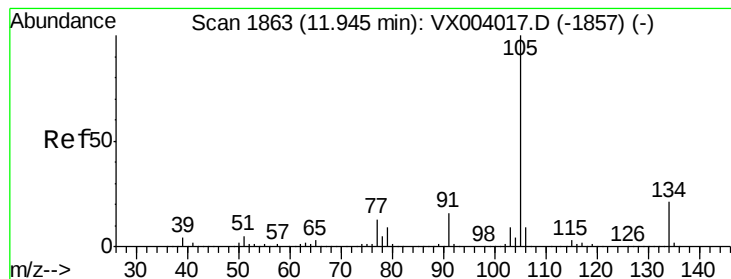
Tgt Ion:119 Resp: 582575
 Ion Ratio Lower Upper
 119 100
 91 53.6 26.8 80.4
 134 24.1 12.0 36.1



#84
 1,2,4-Trimethylbenzene
 Concen: 47.448 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX004017.D
 Acq: 14 Aug 2018 00:58

Tgt Ion:105 Resp: 655885
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.2 69.6





#85

sec-Butylbenzene

Concen: 40.947 ug/l

RT: 11.95 min Scan# 1863

Delta R.T. 0.00 min

Lab File: VX004017.D

Acq: 14 Aug 2018 00:58

Instrument :

MSVOA_X

ClientSampleId :

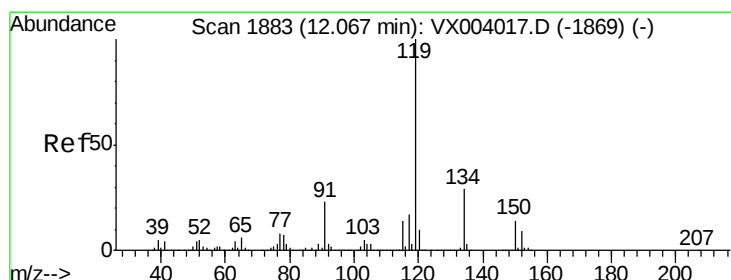
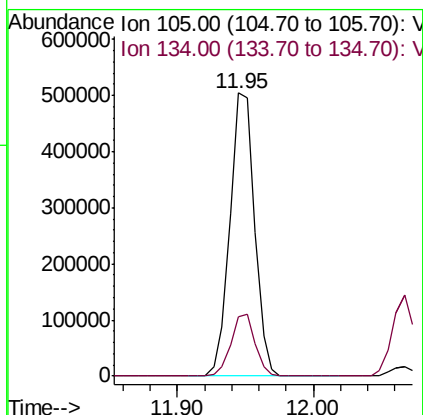
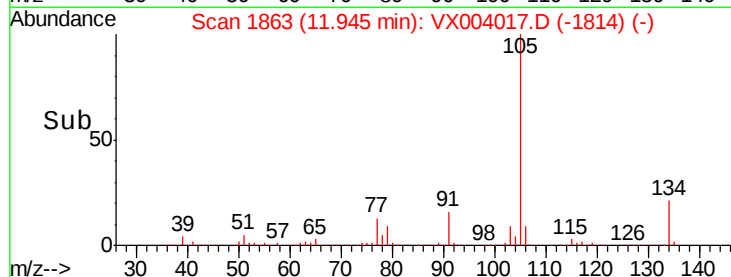
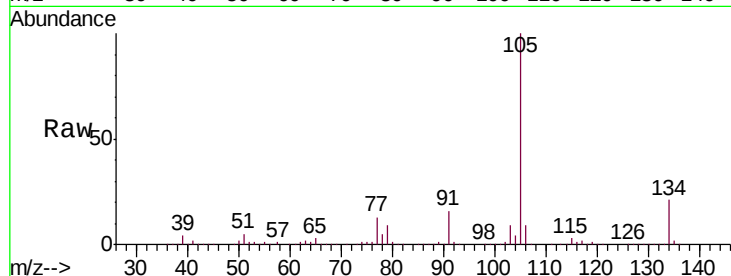
VSTDICC

Tgt Ion:105 Resp: 635775

Ion Ratio Lower Upper

105 100

134 21.2 10.6 31.8



#86

p-Isopropyltoluene

Concen: 42.167 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX004017.D

Acq: 14 Aug 2018 00:58

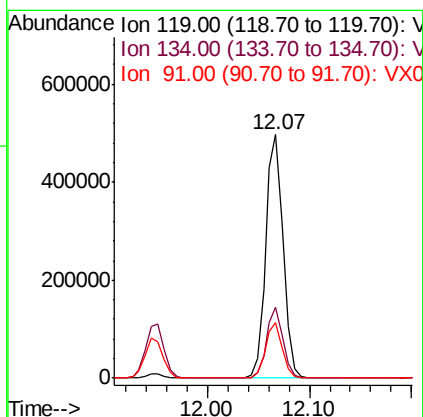
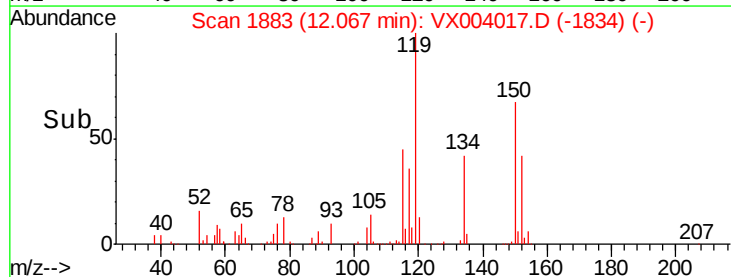
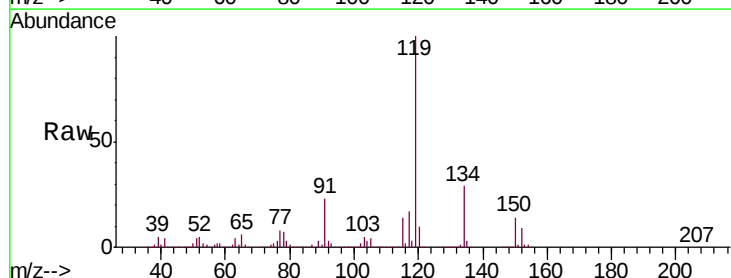
Tgt Ion:119 Resp: 589973

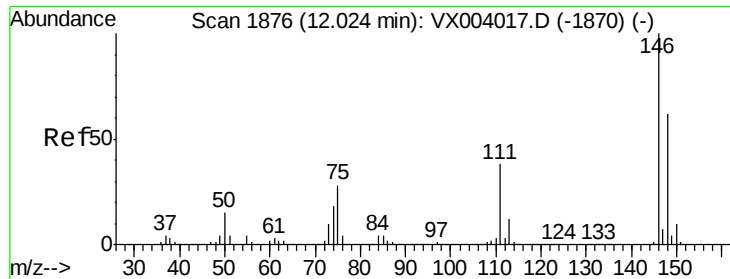
Ion Ratio Lower Upper

119 100

134 27.6 13.8 41.4

91 22.2 11.1 33.3

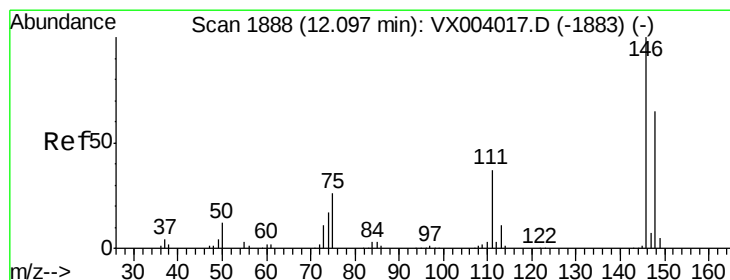
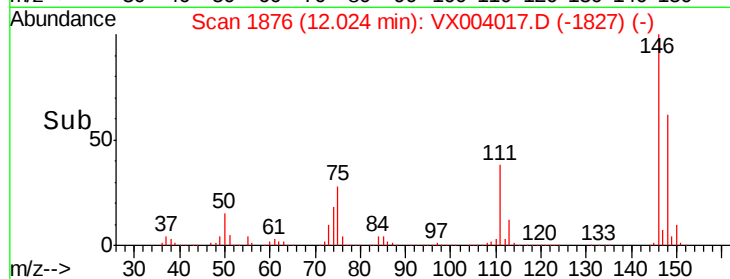
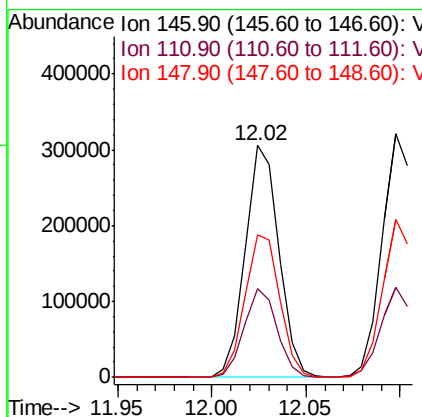
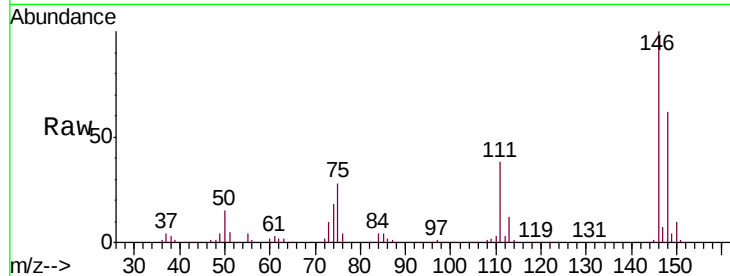




#87
 1,3-Dichlorobenzene
 Concen: 45.389 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. 0.00 min
 Lab File: VX004017.D
 Acq: 14 Aug 2018 00:58

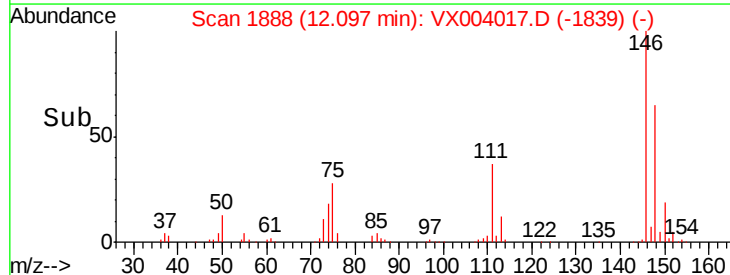
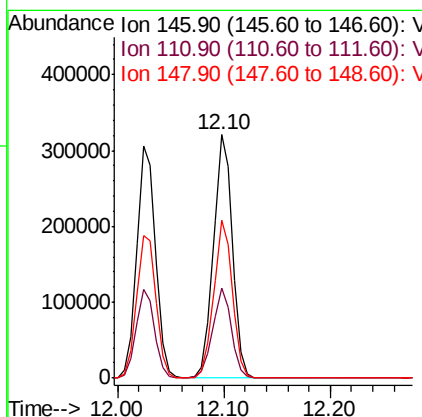
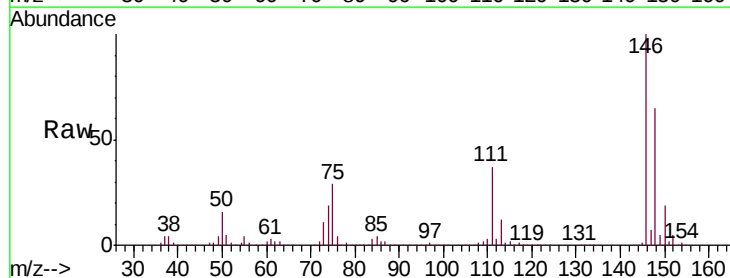
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC

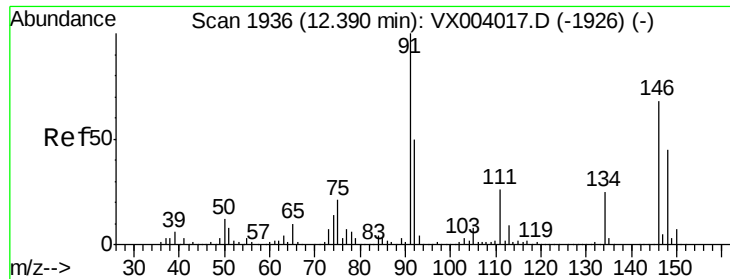
Tgt Ion:146 Resp: 379460
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.8 56.3
 148 63.8 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 44.964 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VX004017.D
 Acq: 14 Aug 2018 00:58

Tgt Ion:146 Resp: 391135
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.3 54.8
 148 63.9 31.9 95.9

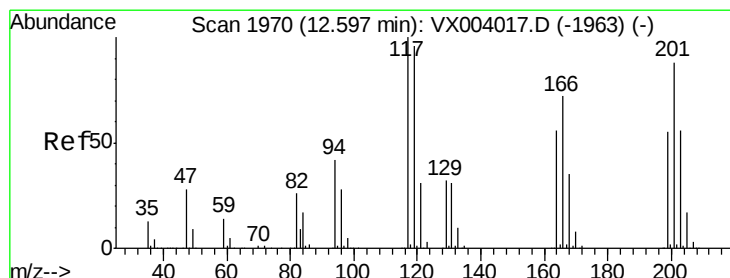
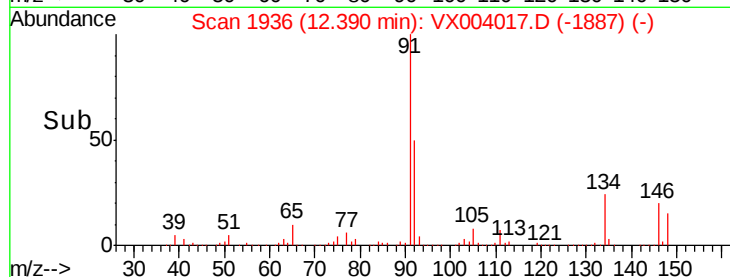
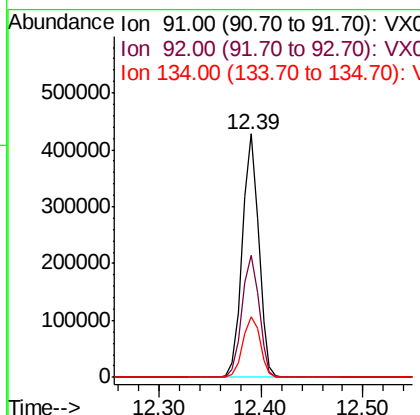
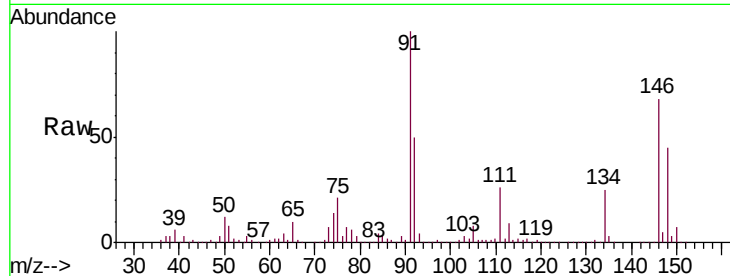




#89
n-Butylbenzene
Concen: 39.073 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX004017.D
Acq: 14 Aug 2018 00:58

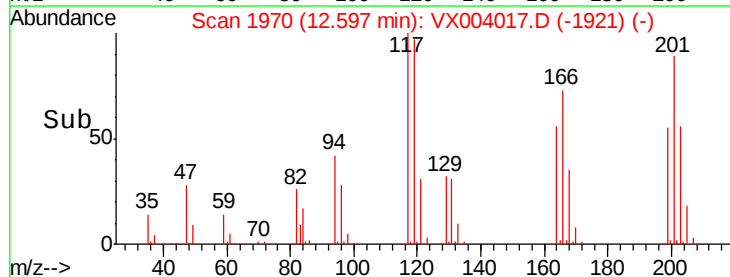
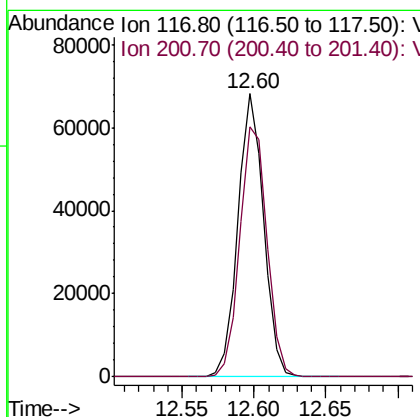
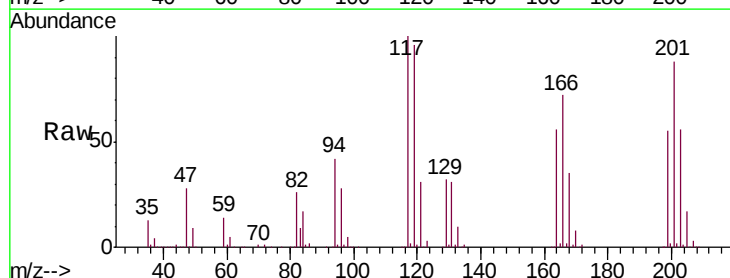
Instrument :
MSVOA_X
ClientSampled :
VSTDICC

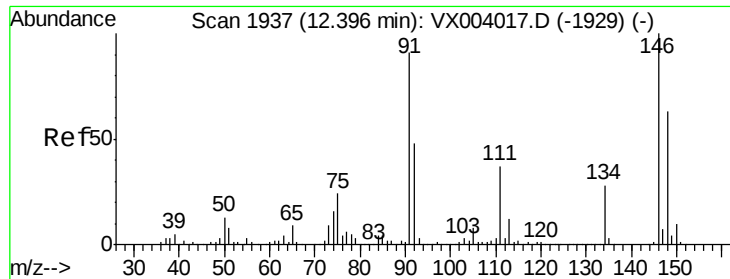
Tgt Ion: 91 Resp: 471761
Ion Ratio Lower Upper
91 100
92 52.4 26.2 78.6
134 26.2 13.1 39.3



#90
Hexachloroethane
Concen: 37.819 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX004017.D
Acq: 14 Aug 2018 00:58

Tgt Ion: 117 Resp: 84741
Ion Ratio Lower Upper
117 100
201 92.9 46.5 139.3

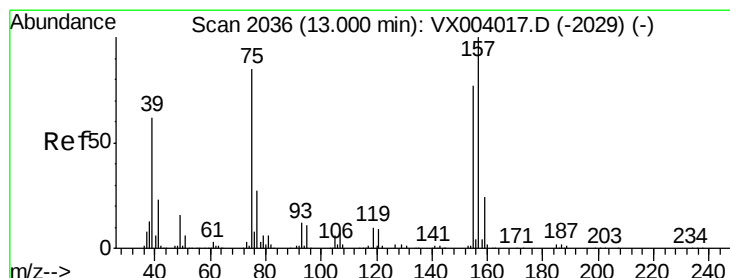
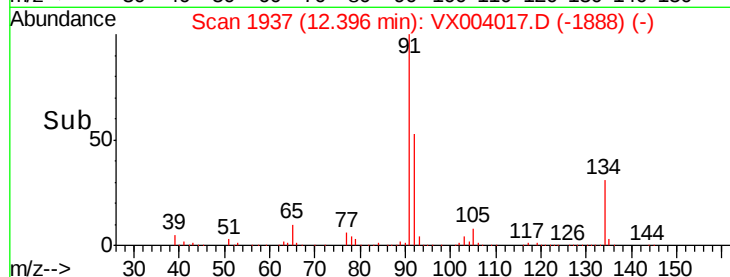
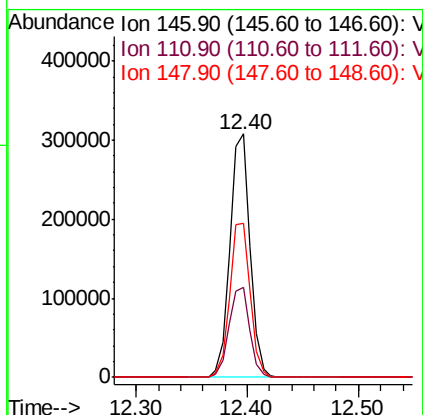
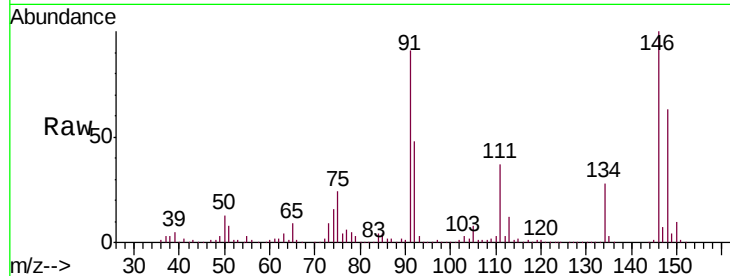




#91
 1,2-Dichlorobenzene
 Concen: 46.203 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX004017.D
 Acq: 14 Aug 2018 00:58

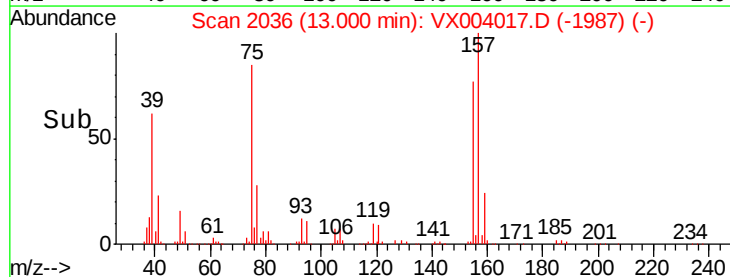
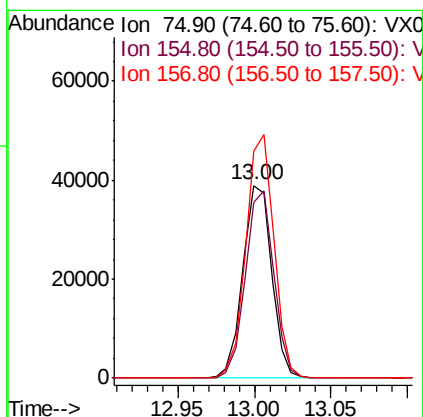
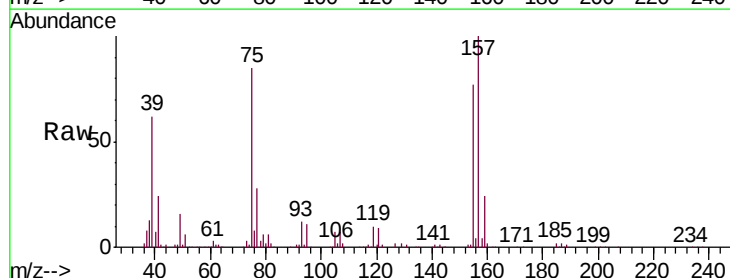
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC

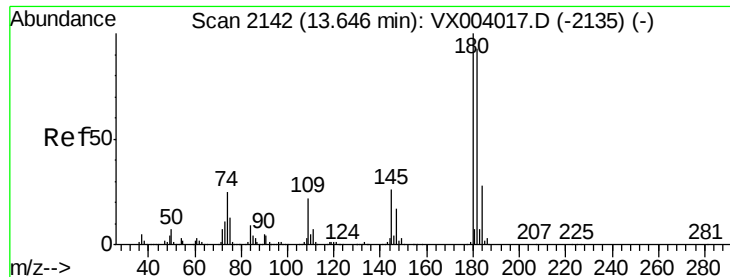
Tgt Ion: 146 Resp: 382869
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.9 56.9
 148 64.5 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.941 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VX004017.D
 Acq: 14 Aug 2018 00:58

Tgt Ion: 75 Resp: 51283
 Ion Ratio Lower Upper
 75 100
 155 95.5 47.8 143.3
 157 122.7 61.4 184.1

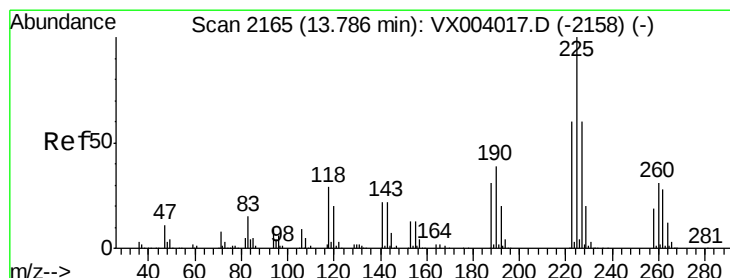
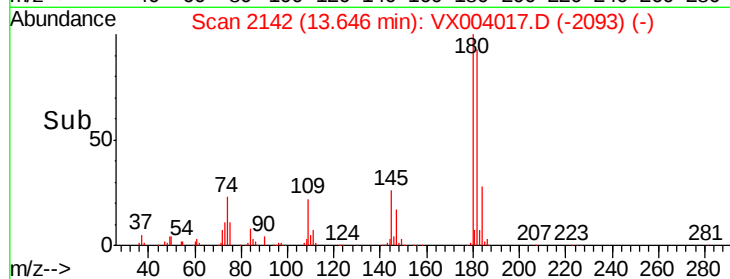
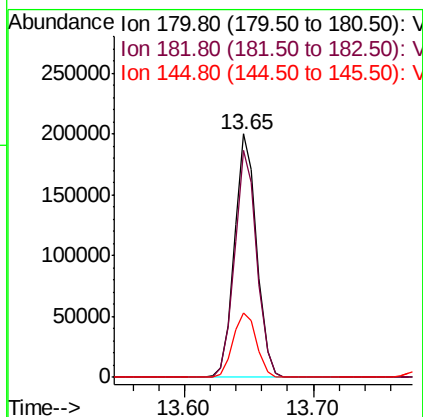
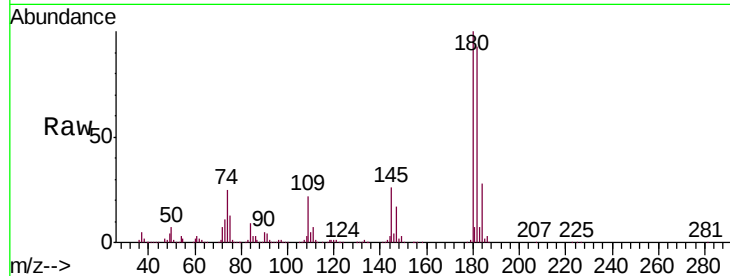




#93
 1,2,4-Trichlorobenzene
 Concen: 41.151 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX004017.D
 Acq: 14 Aug 2018 00:58

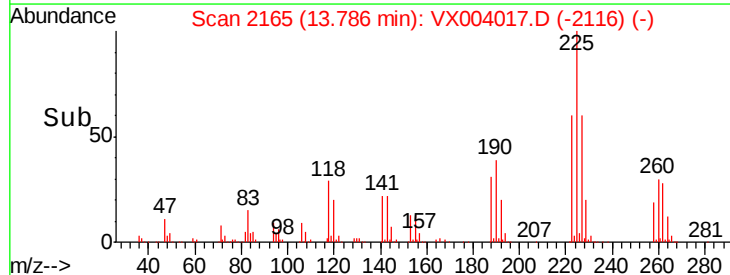
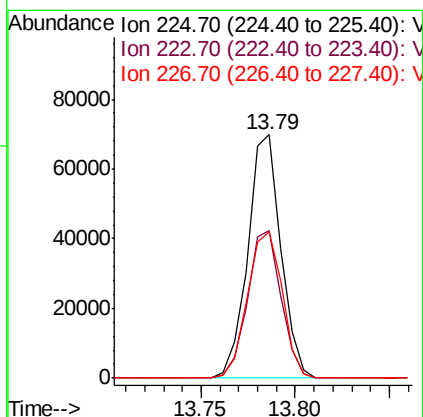
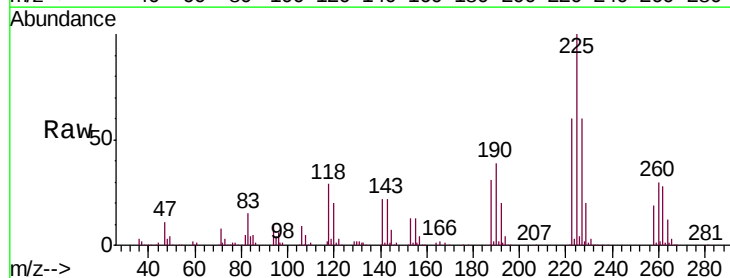
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDICC

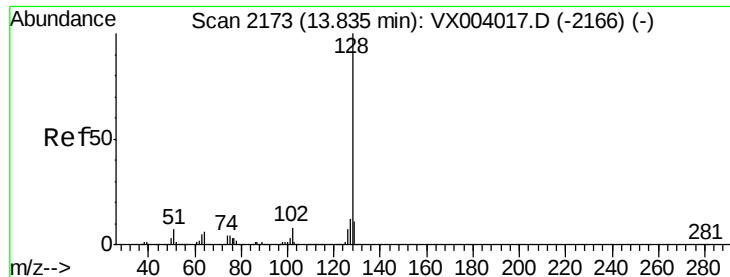
Tgt Ion:180 Resp: 239827
 Ion Ratio Lower Upper
 180 100
 182 93.1 46.6 139.7
 145 28.0 14.0 42.0



#94
 Hexachlorobutadiene
 Concen: 31.874 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX004017.D
 Acq: 14 Aug 2018 00:58

Tgt Ion:225 Resp: 84793
 Ion Ratio Lower Upper
 225 100
 223 61.9 30.9 92.8
 227 63.3 31.6 95.0

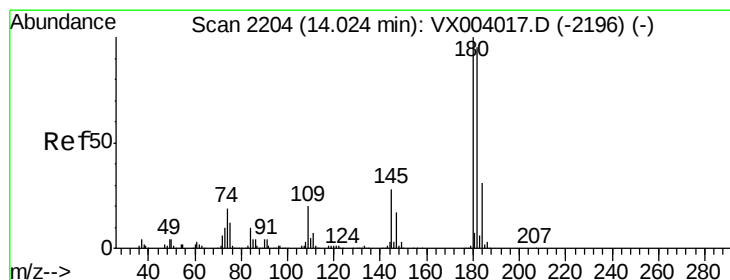
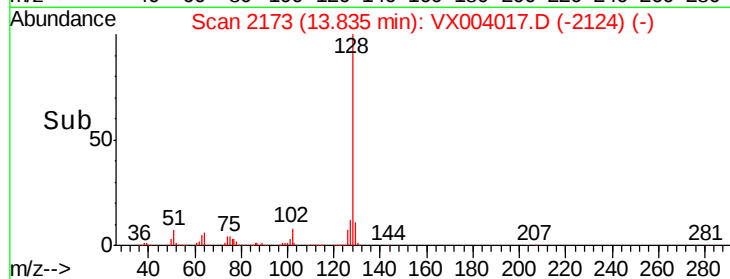
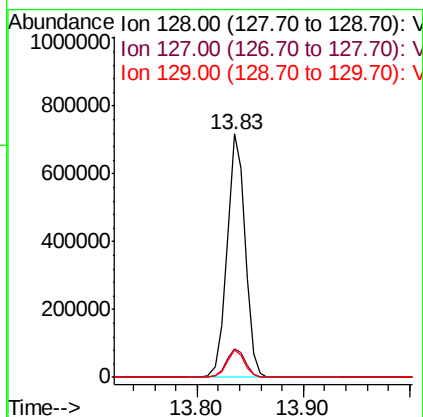
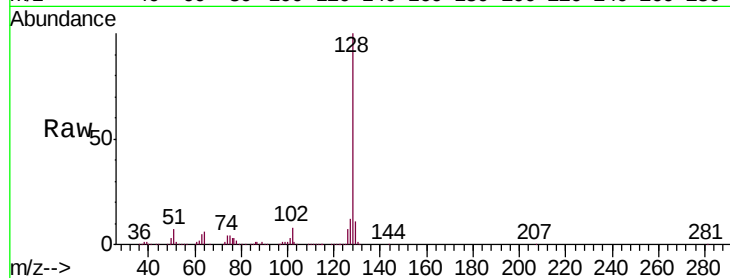




#95
Naphthalene
Concen: 50.297 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX004017.D
Acq: 14 Aug 2018 00:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC

Tgt Ion:128 Resp: 854216
Ion Ratio Lower Upper
128 100
127 12.4 9.9 14.9
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 45.375 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX004017.D
Acq: 14 Aug 2018 00:58

Tgt Ion:180 Resp: 267572
Ion Ratio Lower Upper
180 100
182 96.3 48.1 144.4
145 29.7 14.9 44.5

