

Data File : VX003728.D
Acq On : 30 Jul 2018 17:15
Operator : JC/SP
Sample : VSTDICCC050
Misc : 5.00G/5.0mL/MSVOA_X/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Quant Time: Jul 31 05:28:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 05:23:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	113765	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	165960	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	150749	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	87015	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	58027	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	
35) Dibromofluoromethane	5.51	113	49147	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
50) Toluene-d8	8.72	98	199795	49.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.08%	
62) 4-Bromofluorobenzene	11.14	95	73246	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	45033	46.899	ug/l	100
3) Chloromethane	1.32	50	58161	48.185	ug/l	100
4) Vinyl Chloride	1.40	62	65963	50.805	ug/l	100
5) Bromomethane	1.64	94	35869	45.893	ug/l	100
6) Chloroethane	1.71	64	37994	41.578	ug/l	100
7) Trichlorofluoromethane	1.92	101	80799	68.683	ug/l	100
8) Diethyl Ether	2.19	74	31876	49.540	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	51833	47.993	ug/l	100
10) Methyl Iodide	2.51	142	64733	52.133	ug/l	100
11) Tert butyl alcohol	3.08	59	45124	242.201	ug/l	100
12) 1,1-Dichloroethene	2.37	96	48938	44.483	ug/l	100
13) Acrolein	2.29	56	9326	152.998	ug/l	100
14) Allyl chloride	2.73	41	90115	49.993	ug/l	100
15) Acrylonitrile	3.15	53	116515	245.911	ug/l	100
16) Acetone	2.45	43	111583	253.891	ug/l	100
17) Carbon Disulfide	2.56	76	156521	47.309	ug/l	100
18) Methyl Acetate	2.78	43	61744	49.993	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	142272	51.401	ug/l	100
20) Methylene Chloride	2.85	84	57409	42.607	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	53155	47.707	ug/l	100
22) Diisopropyl ether	3.87	45	163645	50.291	ug/l	100
23) Vinyl Acetate	3.82	43	622831	265.386	ug/l	100
24) 1,1-Dichloroethane	3.70	63	92628	48.811	ug/l	100
25) 2-Butanone	4.70	43	159974	249.694	ug/l	100
26) 2,2-Dichloropropane	4.58	77	72655	48.612	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	59389	49.461	ug/l	100
28) Bromochloromethane	5.02	49	42455	49.875	ug/l	100
29) Tetrahydrofuran	5.15	42	100738	246.730	ug/l	100
30) Chloroform	5.21	83	92372	49.398	ug/l	100
31) Cyclohexane	5.58	56	92333	50.370	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	80581	50.139	ug/l	100
36) 1,1-Dichloropropene	5.81	75	75706	48.710	ug/l	100
37) Ethyl Acetate	4.86	43	60278	50.489	ug/l	100
38) Carbon Tetrachloride	5.78	117	70772	49.230	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	94133	49.332	ug/l	100
40) Benzene	6.14	78	224094	50.315	ug/l	100
41) Methacrylonitrile	5.06	41	34056	50.607	ug/l	100
42) 1,2-Dichloroethane	6.20	62	68706	51.074	ug/l	100
43) Isopropyl Acetate	6.46	43	97571	51.293	ug/l	100
44) Trichloroethene	7.21	130	61119	48.105	ug/l	100
45) 1,2-Dichloropropane	7.52	63	56209	51.319	ug/l	100
46) Dibromomethane	7.67	93	31878	50.506	ug/l	100
47) Bromodichloromethane	7.90	83	65199	51.836	ug/l	100
48) Methyl methacrylate	7.78	41	49874	52.270	ug/l	100
49) 1,4-Dioxane	7.75	88	19044	988.889	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	302368	258.649	ug/l	100
52) Toluene	8.79	92	139502	50.212	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	75753	52.732	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	84458	52.744	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	49250	51.508	ug/l	100
56) Ethyl methacrylate	9.18	69	69550	52.954	ug/l	100
57) 1,3-Dichloropropane	9.37	76	82611	51.468	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	172334	274.275	ug/l	100
59) 2-Hexanone	9.50	43	232027	260.532	ug/l	100
60) Dibromochloromethane	9.59	129	50646	52.594	ug/l	100
61) 1,2-Dibromoethane	9.68	107	50258	51.480	ug/l	100
64) Tetrachloroethene	9.34	164	58132	49.060	ug/l	100
65) Chlorobenzene	10.14	112	156395	49.646	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	53113	51.702	ug/l	100
67) Ethyl Benzene	10.26	91	268611	50.499	ug/l	100
68) m/p-Xylenes	10.36	106	211739	101.760	ug/l	100
69) o-Xylene	10.70	106	99239	51.364	ug/l	100
70) Styrene	10.71	104	169278	52.078	ug/l	100
71) Bromoform	10.86	173	36677	51.926	ug/l #	100
73) Isopropylbenzene	11.02	105	272203	49.969	ug/l	100
74) N-amyl acetate	6.46	43	97571	56.317	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	11.27	83	70982	50.121	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	81254	67.747	ug/l	83
77) Bromobenzene	11.26	156	71136	50.089	ug/l	100
78) n-propylbenzene	11.36	91	326218	49.431	ug/l	100
79) 2-Chlorotoluene	11.42	91	184361	49.205	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	232034	43.662	ug/l #	66
81) trans-1,4-Dichloro-2-buten	11.08	75	21470	53.023	ug/l	100
82) 4-Chlorotoluene	11.51	91	222930	49.054	ug/l	100
83) tert-Butylbenzene	11.77	119	230945	50.218	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	239290	49.998	ug/l	100
85) sec-Butylbenzene	11.95	105	292664	49.743	ug/l	100
86) p-Isopropyltoluene	12.07	119	266922	56.582	ug/l #	70
87) 1,3-Dichlorobenzene	12.03	146	139690	48.624	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	141173	48.165	ug/l	100
89) n-Butylbenzene	12.39	91	251692	49.453	ug/l	100
90) Hexachloroethane	12.60	117	39802	50.126	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	131534	49.164	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14224	50.619	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX073018\
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	105031	49.489	ug/l	100
94) Hexachlorobutadiene	13.79	225	65644	48.366	ug/l	100
95) Naphthalene	13.83	128	236409	52.127	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	96764	50.227	ug/l	100

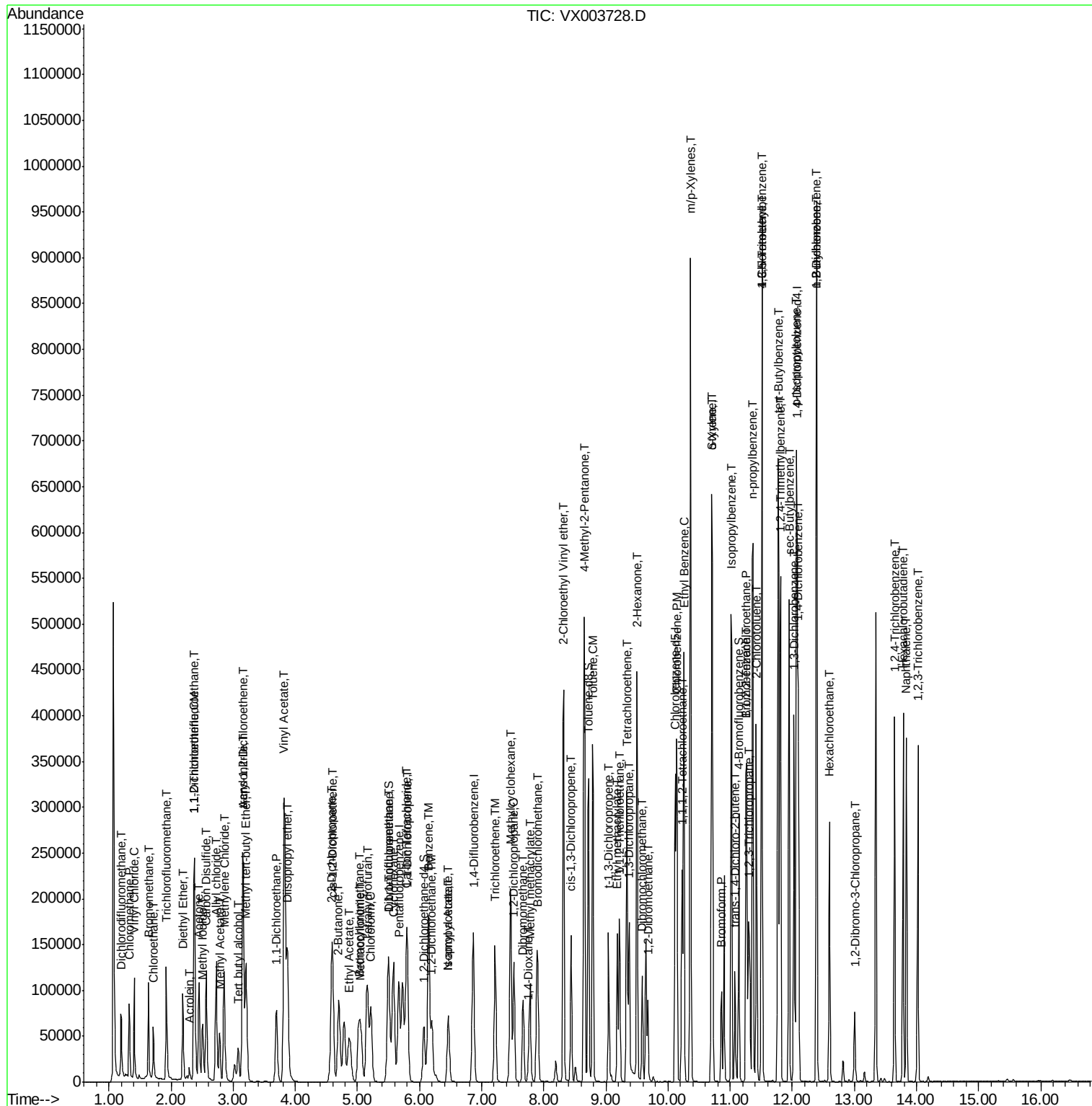
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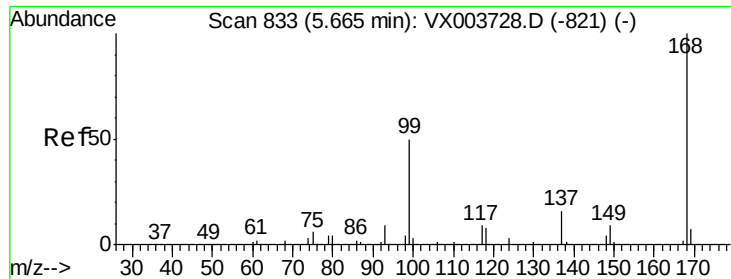
Data File : VX003728.D

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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: VX003728.D

Acq: 30 Jul 2018 17:15

Instrument :

MSVOA_X

ClientSampleId :

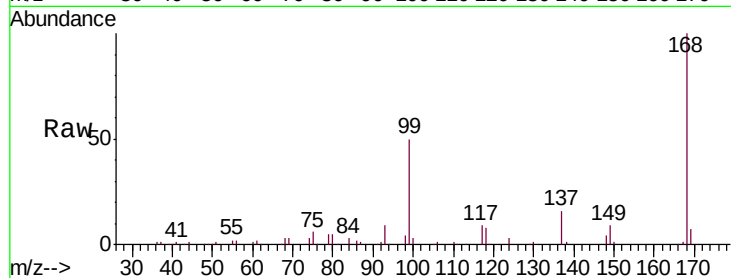
VSTDICCC050

Tgt Ion:168 Resp: 113765

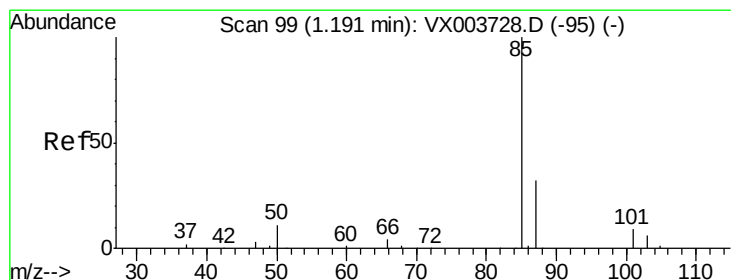
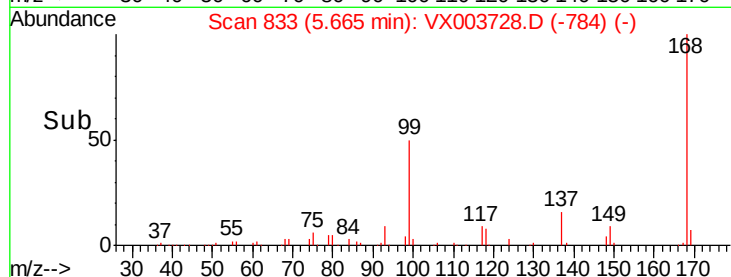
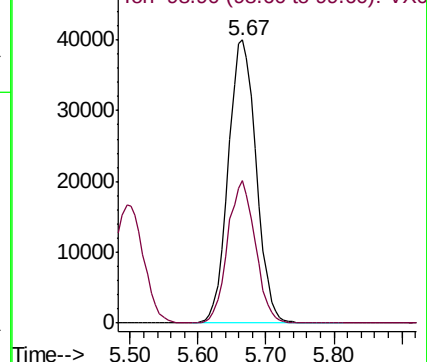
Ion Ratio Lower Upper

168 100

99 50.2 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VX003728.D (-821) (-)



#2

Dichlorodifluoromethane

Concen: 46.899 ug/l

RT: 1.19 min Scan# 99

Delta R.T. 0.00 min

Lab File: VX003728.D

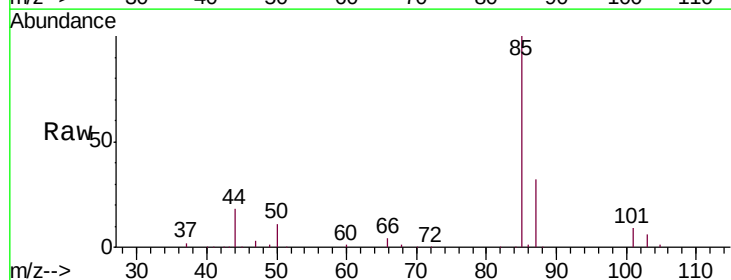
Acq: 30 Jul 2018 17:15

Tgt Ion: 85 Resp: 45033

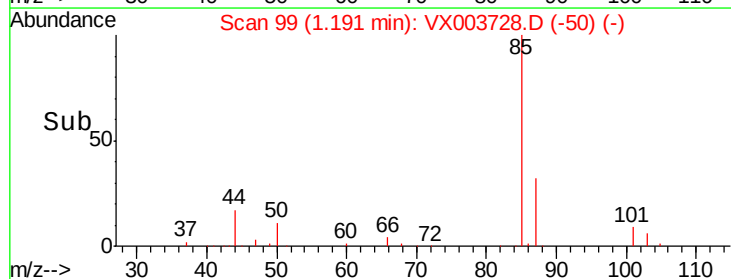
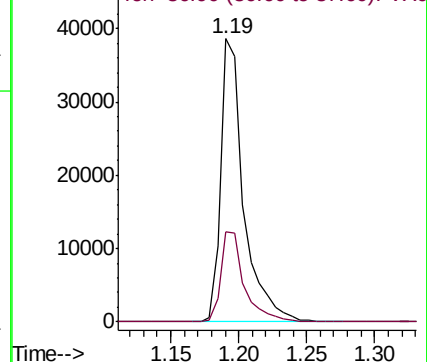
Ion Ratio Lower Upper

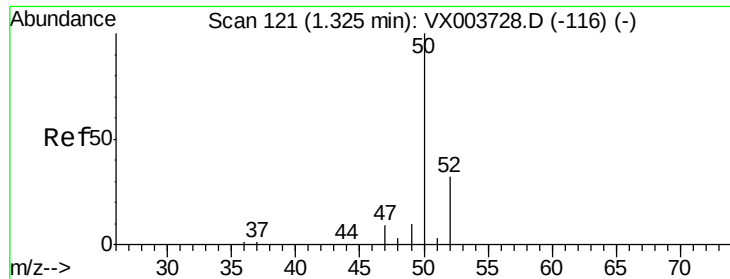
85 100

87 32.1 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX003728.D (-95) (-)





#3

Chloromethane

Concen: 48.185 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003728.D

Acq: 30 Jul 2018 17:15

Instrument :

MSVOA_X

ClientSampled :

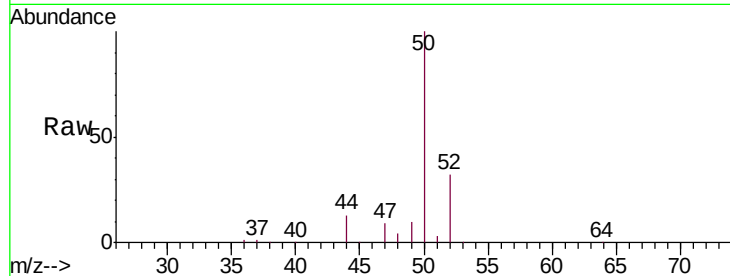
VSTDICCC050

Tgt Ion: 50 Resp: 58161

Ion Ratio Lower Upper

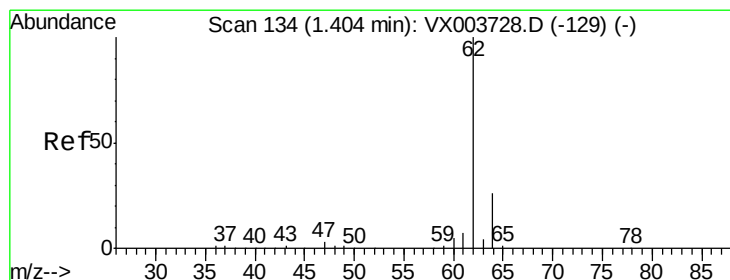
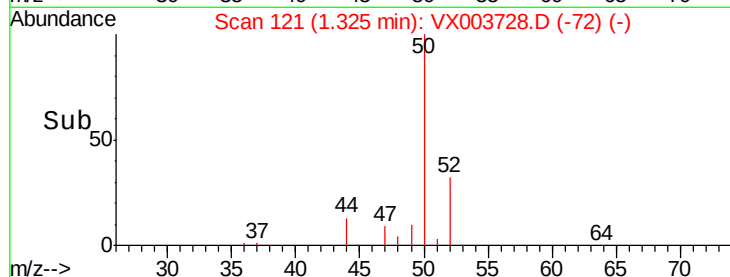
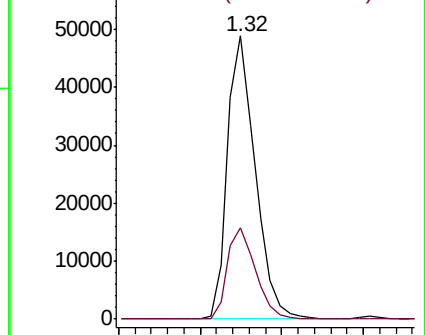
50 100

52 32.4 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 50.805 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003728.D

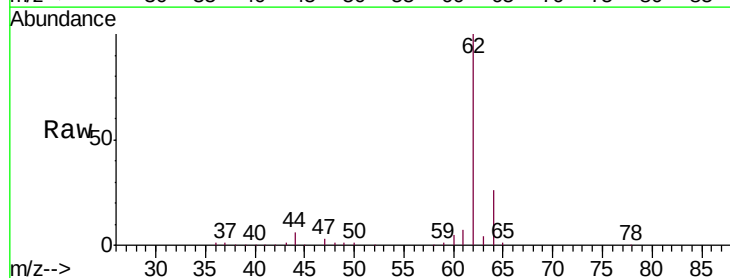
Acq: 30 Jul 2018 17:15

Tgt Ion: 62 Resp: 65963

Ion Ratio Lower Upper

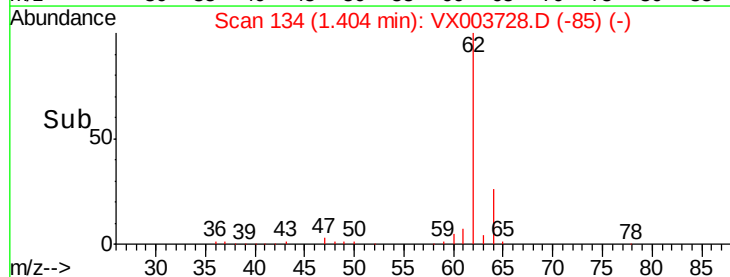
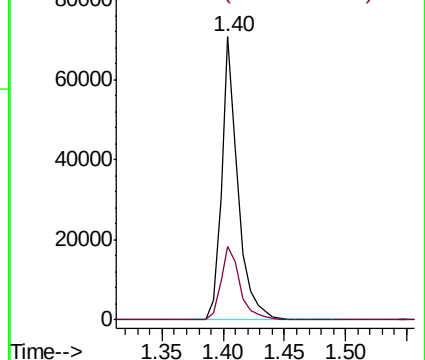
62 100

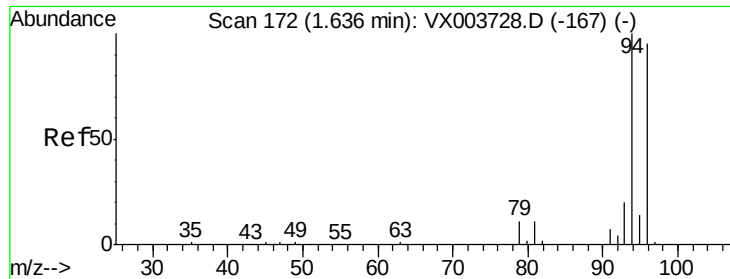
64 26.2 21.0 31.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

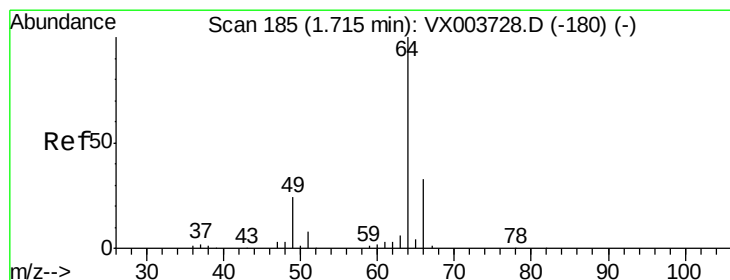
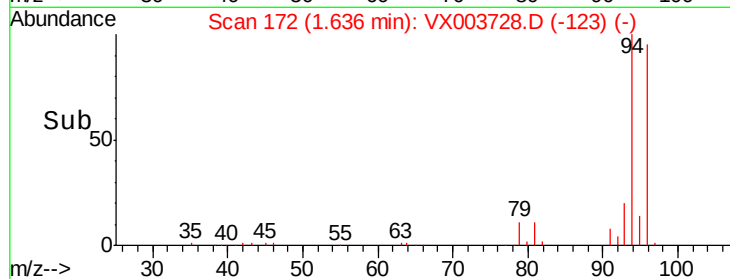
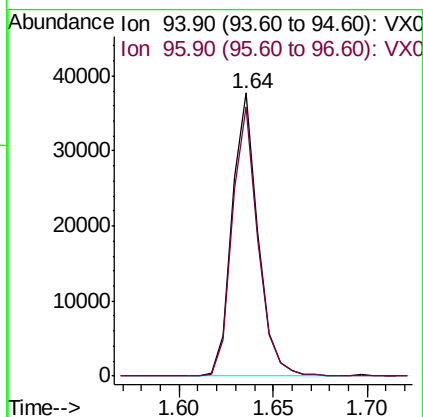
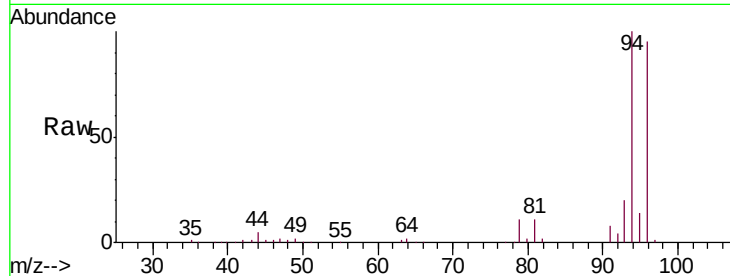




#5
Bromomethane
Concen: 45.893 ug/l
RT: 1.64 min Scan# 172
Delta R.T. 0.00 min
Lab File: VX003728.D
Acq: 30 Jul 2018 17:15

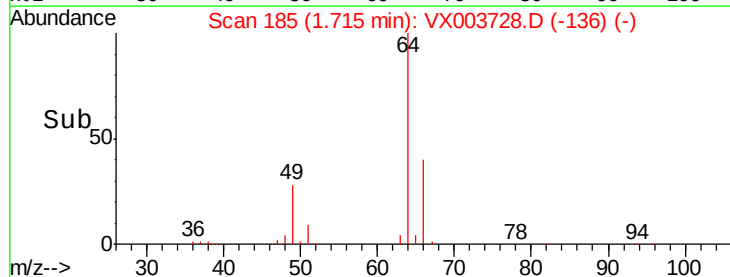
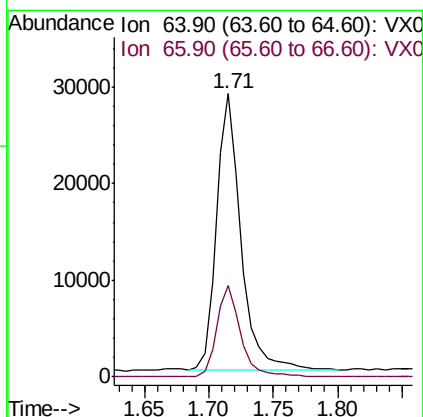
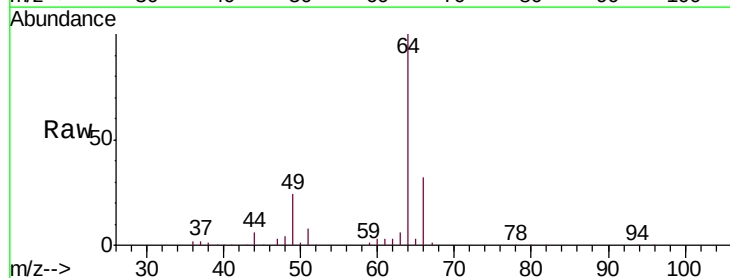
Instrument :
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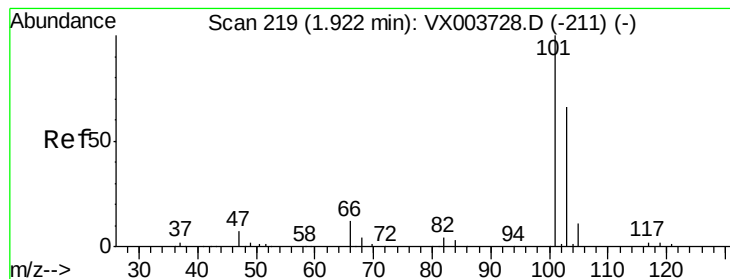
Tgt Ion: 94 Resp: 35869
Ion Ratio Lower Upper
94 100
96 95.0 76.0 114.0



#6
Chloroethane
Concen: 41.578 ug/l
RT: 1.71 min Scan# 185
Delta R.T. 0.00 min
Lab File: VX003728.D
Acq: 30 Jul 2018 17:15

Tgt Ion: 64 Resp: 37994
Ion Ratio Lower Upper
64 100
66 33.0 26.4 39.6



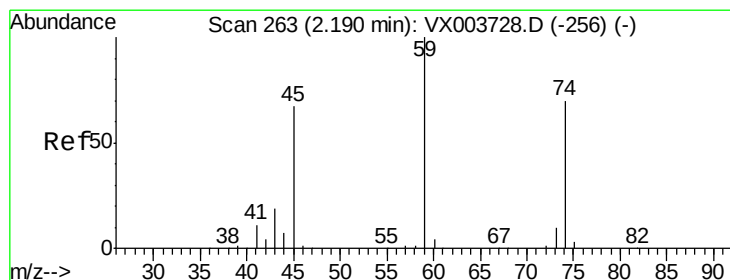
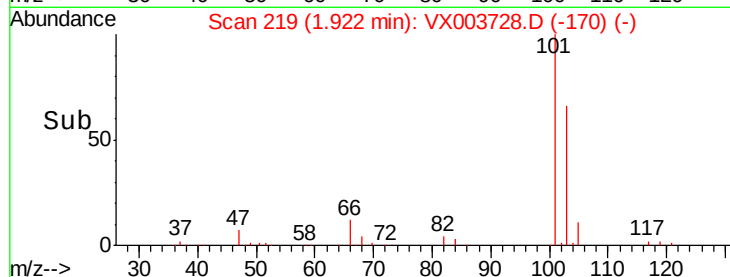
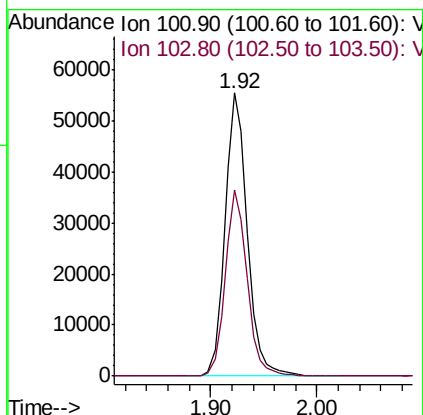
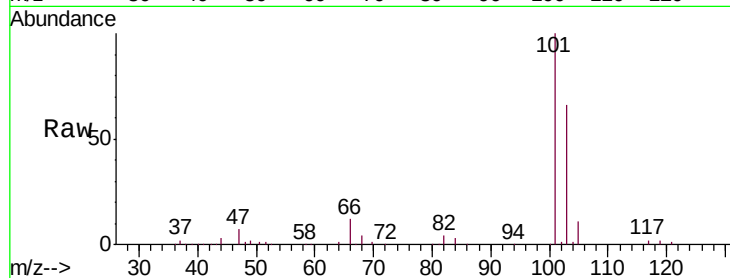


#7

Trichlorofluoromethane
Concen: 68.683 ug/l
RT: 1.92 min Scan# 219
Delta R.T. 0.00 min
Lab File: VX003728.D
Acq: 30 Jul 2018 17:15

Instrument :
MSVOA_X
ClientSampleId :
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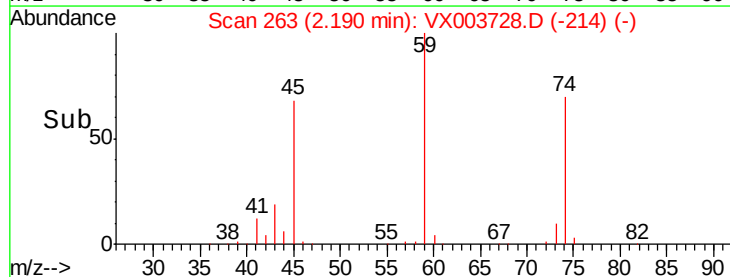
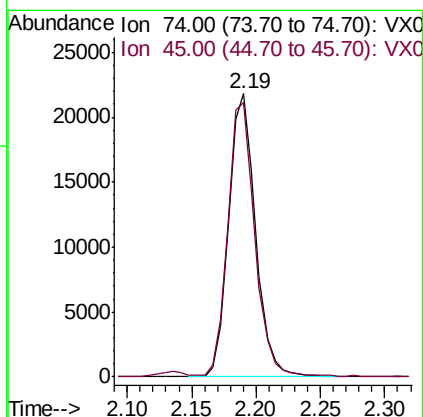
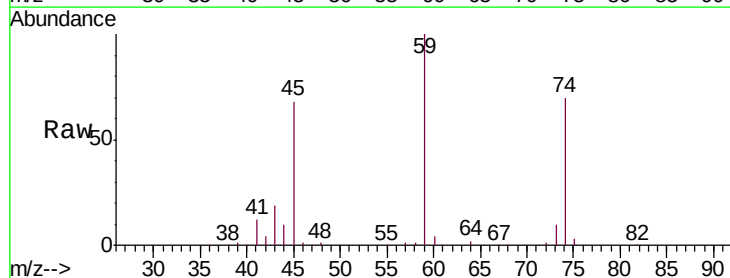
Tgt Ion:101 Resp: 80799
Ion Ratio Lower Upper
101 100
103 65.7 52.6 78.8

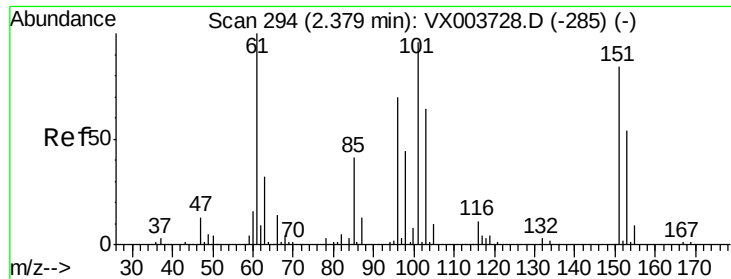


#8

Diethyl Ether
Concen: 49.540 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX003728.D
Acq: 30 Jul 2018 17:15

Tgt Ion: 74 Resp: 31876
Ion Ratio Lower Upper
74 100
45 99.1 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.993 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003728.D

Acq: 30 Jul 2018 17:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

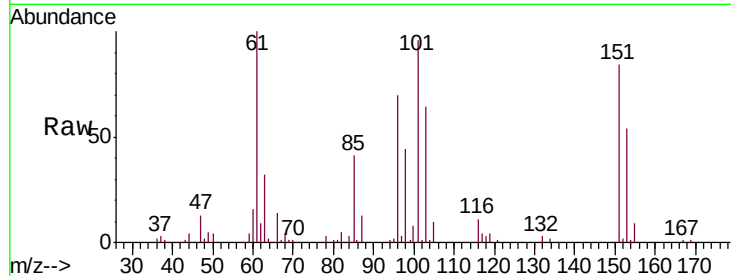
Tgt Ion:101 Resp: 51833

Ion Ratio Lower Upper

101 100

85 41.6 33.3 49.9

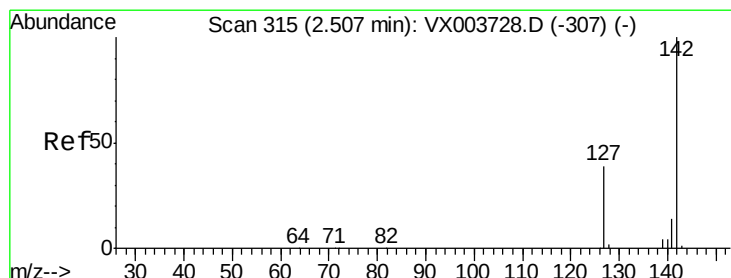
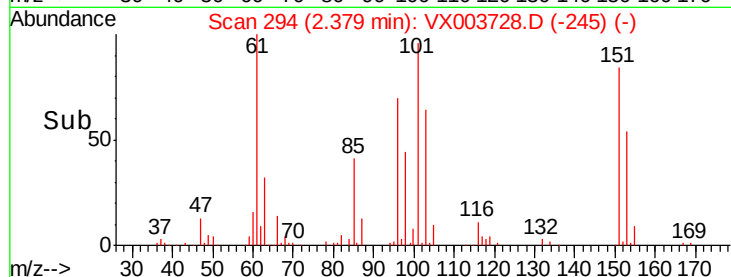
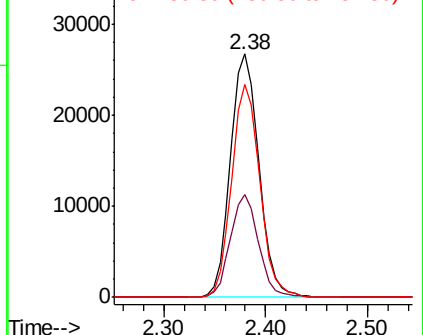
151 86.0 68.8 103.2



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: 52.133 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX003728.D

Acq: 30 Jul 2018 17:15

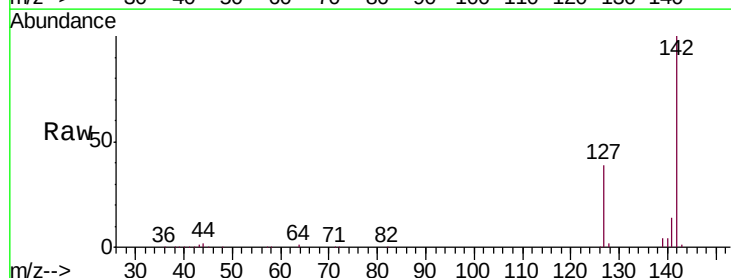
Tgt Ion:142 Resp: 64733

Ion Ratio Lower Upper

142 100

127 40.0 32.0 48.0

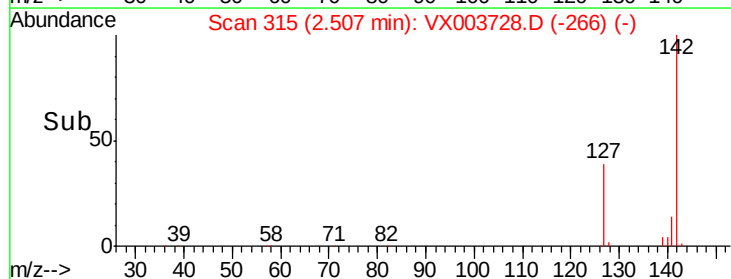
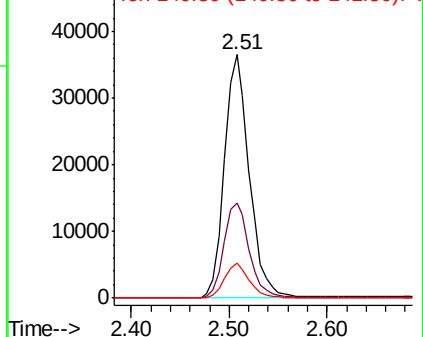
141 14.1 11.3 16.9

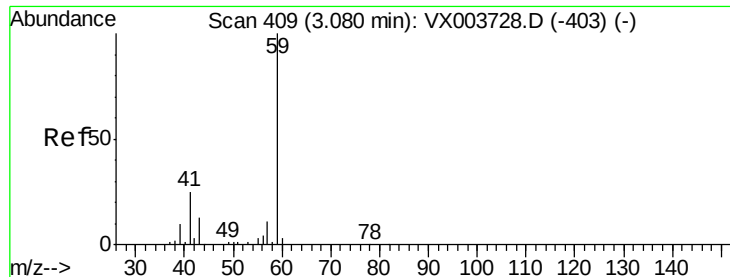


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



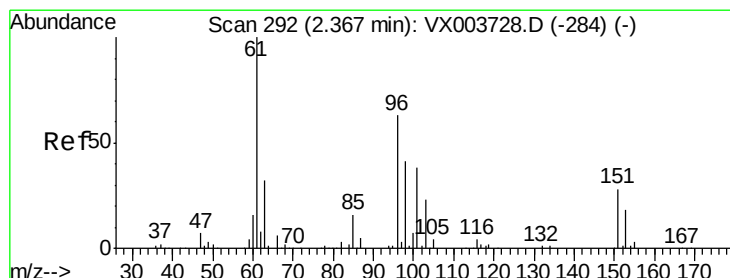
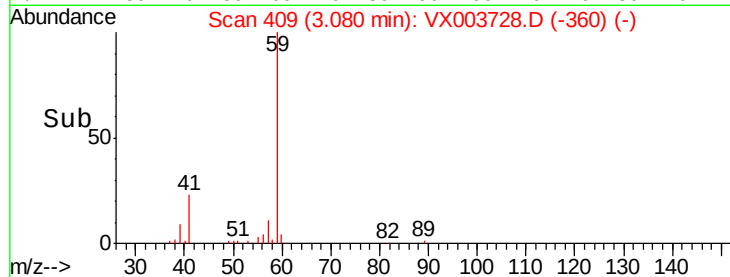
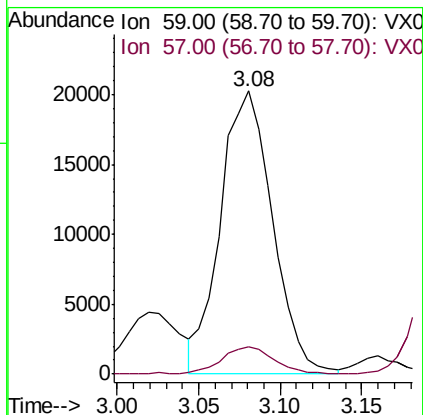
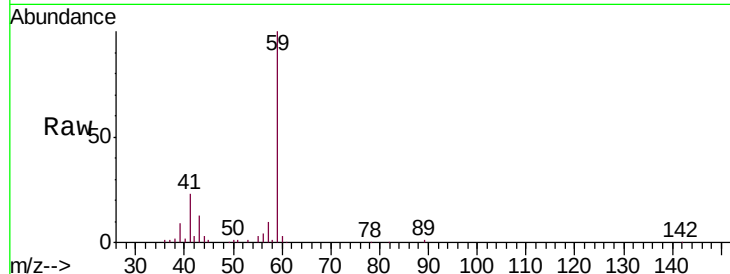


#11

Tert butyl alcohol
 Concen: 242.201 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: VX003728.D
 Acq: 30 Jul 2018 17:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

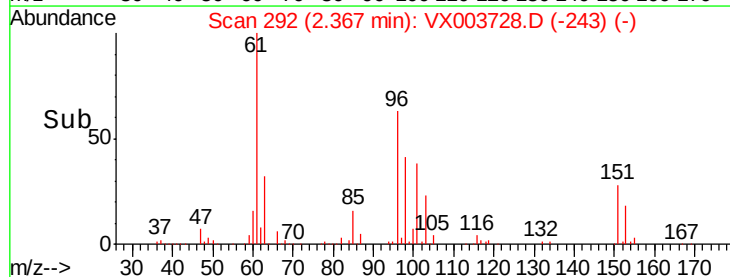
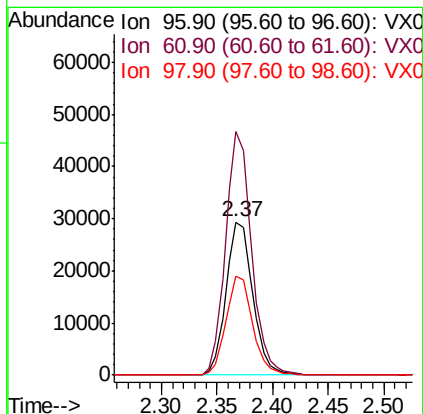
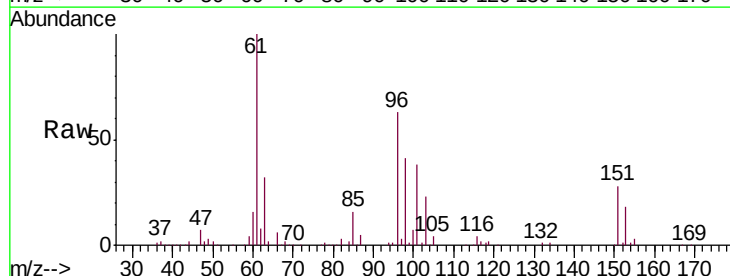
Tgt Ion: 59 Resp: 45124
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.1 12.1

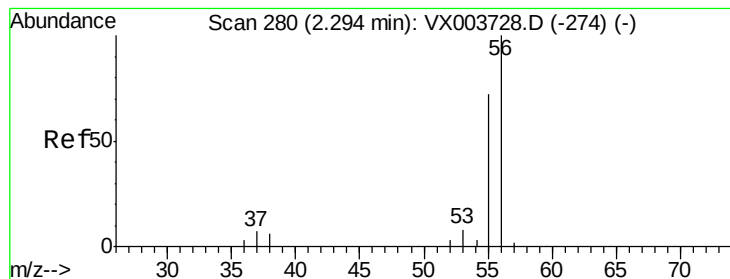


#12

1,1-Dichloroethene
 Concen: 44.483 ug/l
 RT: 2.37 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VX003728.D
 Acq: 30 Jul 2018 17:15

Tgt Ion: 96 Resp: 48938
 Ion Ratio Lower Upper
 96 100
 61 158.9 127.1 190.7
 98 65.0 52.0 78.0





#13

Acrolein

Concen: 152.998 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003728.D

Acq: 30 Jul 2018 17:15

Instrument :

MSVOA_X

ClientSampleId :

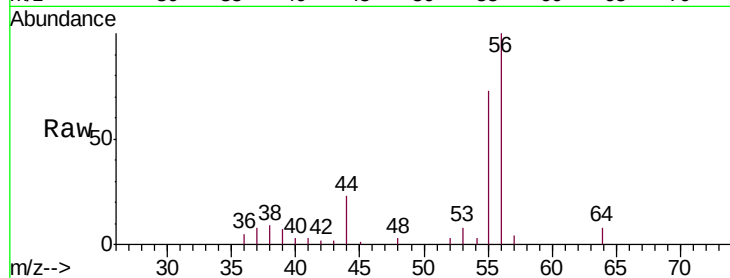
VSTDICCC050

Tgt Ion: 56 Resp: 9326

Ion Ratio Lower Upper

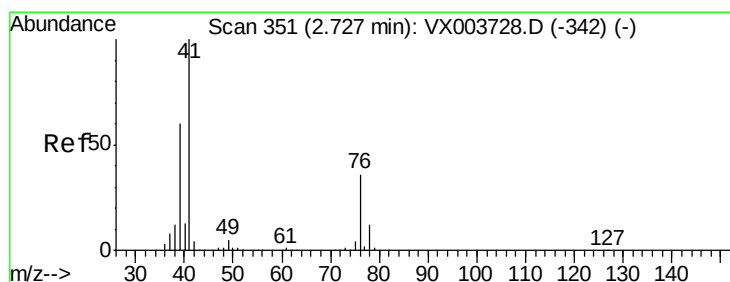
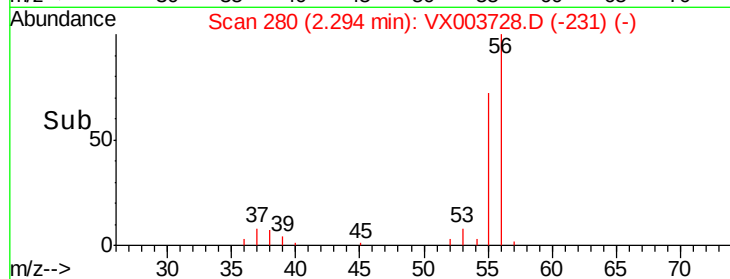
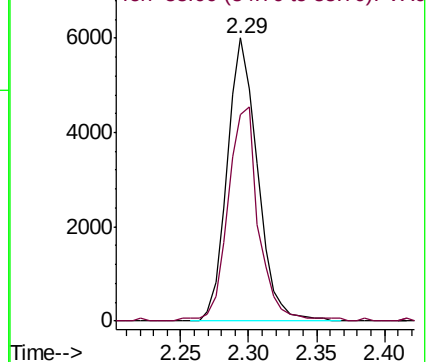
56 100

55 76.7 61.4 92.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 49.993 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003728.D

Acq: 30 Jul 2018 17:15

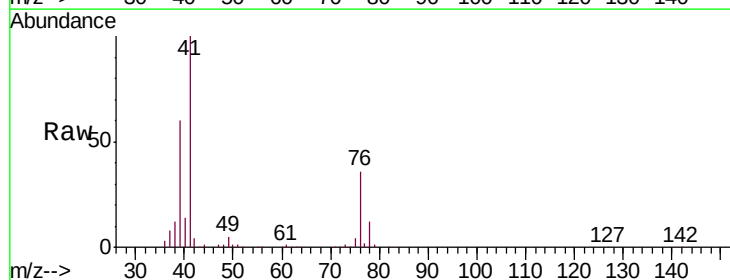
Tgt Ion: 41 Resp: 90115

Ion Ratio Lower Upper

41 100

39 59.6 47.7 71.5

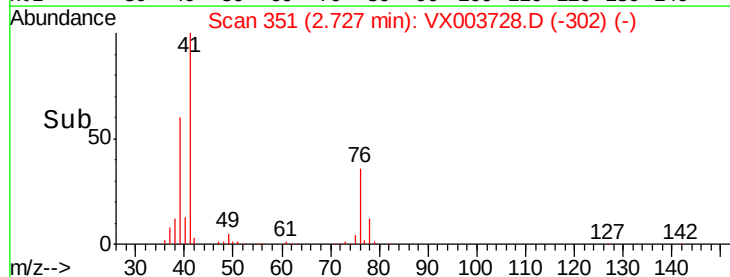
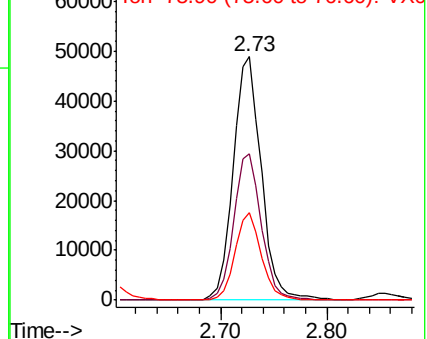
76 33.8 27.0 40.6

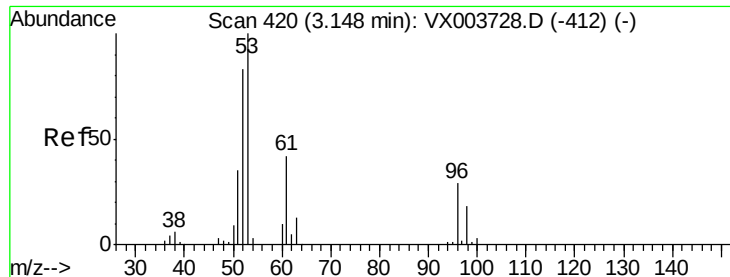


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 245.911 ug/l

RT: 3.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VX003728.D

Acq: 30 Jul 2018 17:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

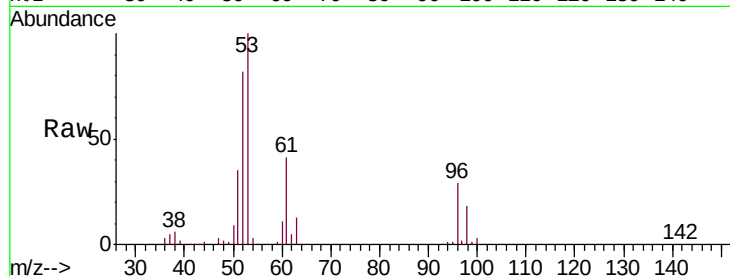
Tgt Ion: 53 Resp: 116515

Ion Ratio Lower Upper

53 100

52 82.7 66.2 99.2

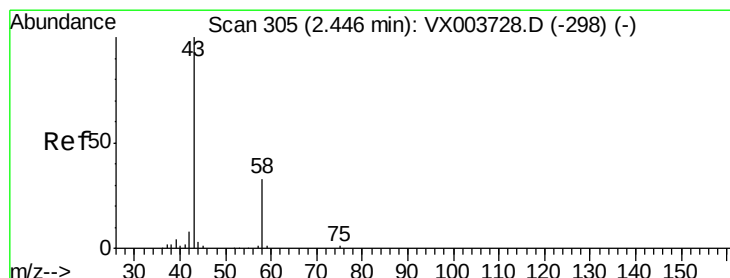
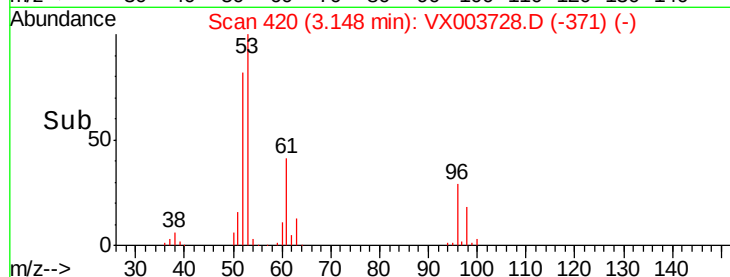
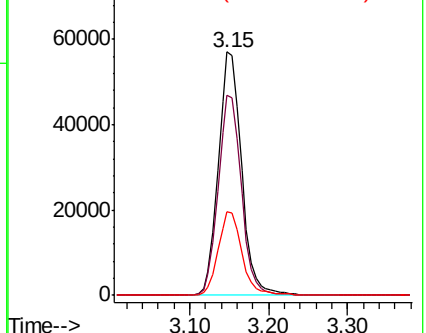
51 35.6 28.5 42.7



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 253.891 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003728.D

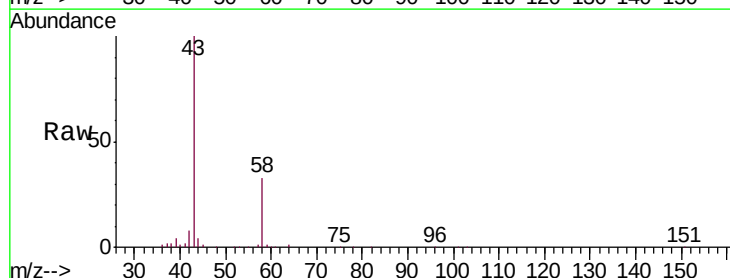
Acq: 30 Jul 2018 17:15

Tgt Ion: 43 Resp: 111583

Ion Ratio Lower Upper

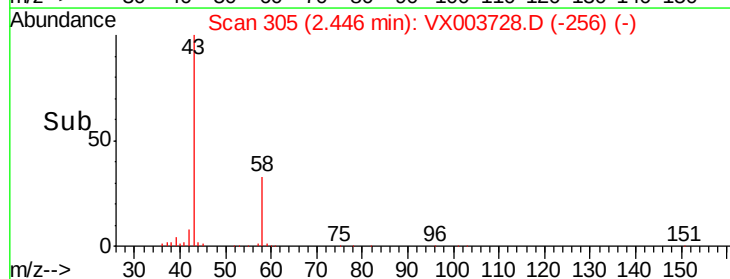
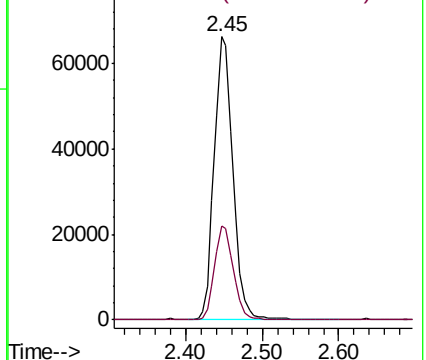
43 100

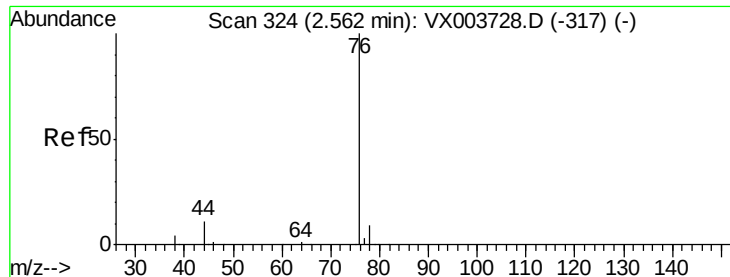
58 33.4 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 47.309 ug/l

RT: 2.56 min Scan# 324

Delta R.T. 0.00 min

Lab File: VX003728.D

Acq: 30 Jul 2018 17:15

Instrument :

MSVOA_X

ClientSampleId :

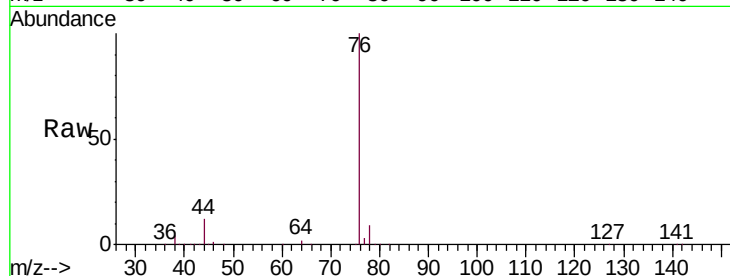
VSTDICCC050

Tgt Ion: 76 Resp: 156521

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

100000

80000

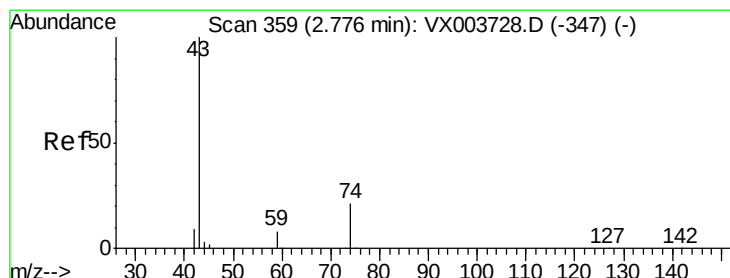
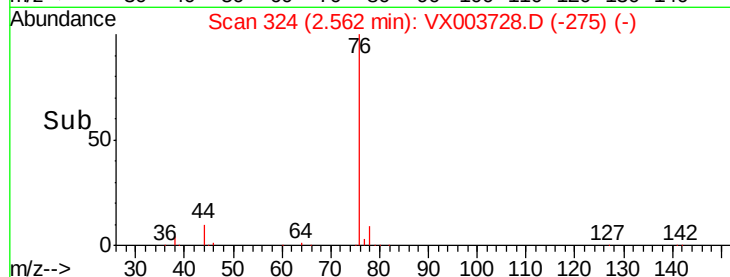
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 49.993 ug/l

RT: 2.78 min Scan# 359

Delta R.T. 0.00 min

Lab File: VX003728.D

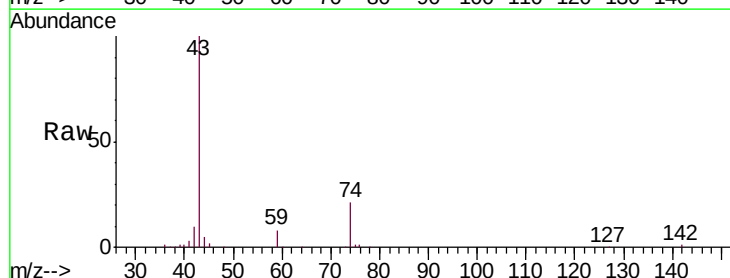
Acq: 30 Jul 2018 17:15

Tgt Ion: 43 Resp: 61744

Ion Ratio Lower Upper

43 100

74 23.6 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

40000

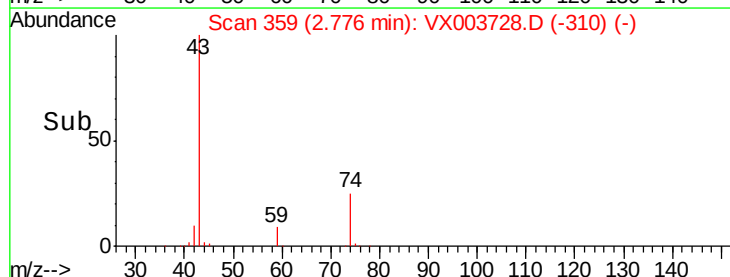
30000

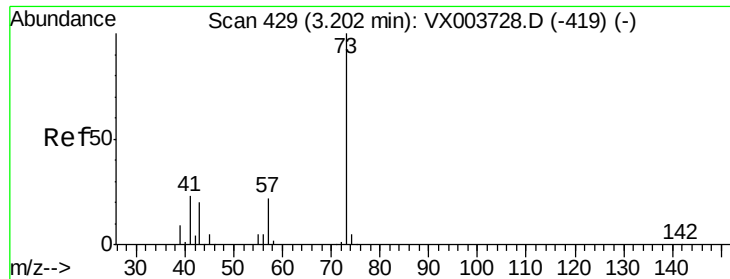
20000

10000

0

Time-->



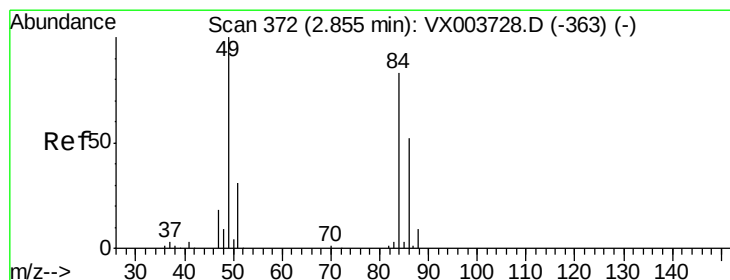
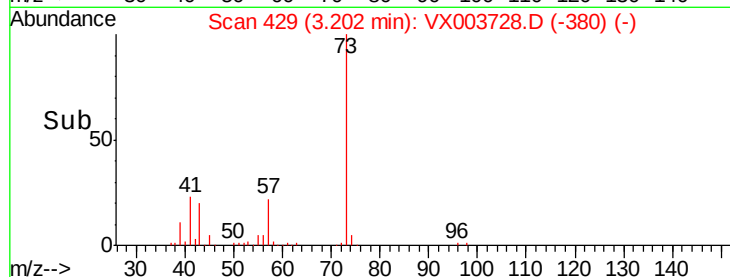
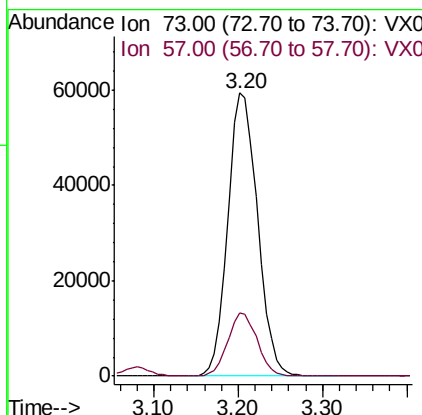
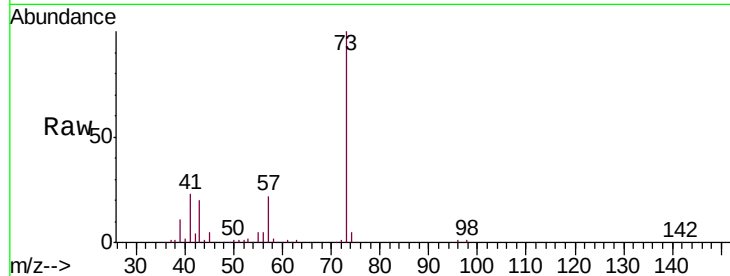


#19

Methyl tert-butyl Ether
 Concen: 51.401 ug/l
 RT: 3.20 min Scan# 429
 Delta R.T. 0.00 min
 Lab File: VX003728.D
 Acq: 30 Jul 2018 17:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

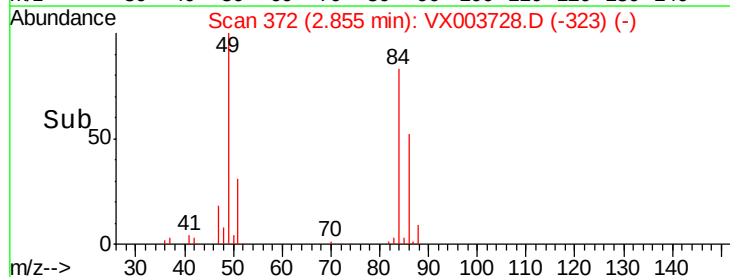
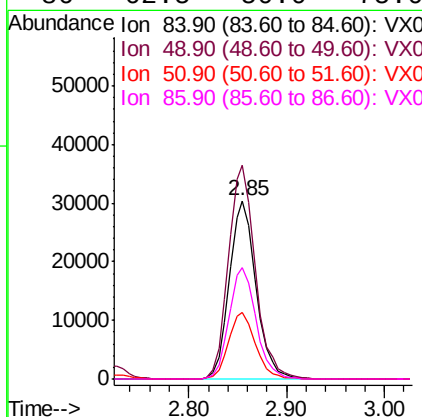
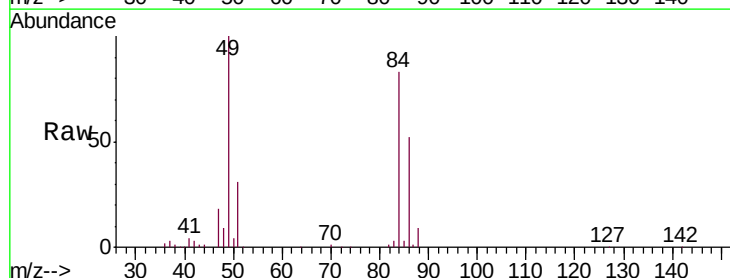
Tgt Ion: 73 Resp: 142272
 Ion Ratio Lower Upper
 73 100
 57 22.5 18.0 27.0

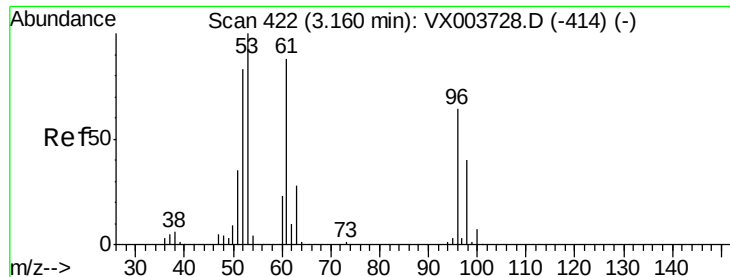


#20

Methylene Chloride
 Concen: 42.607 ug/l
 RT: 2.85 min Scan# 372
 Delta R.T. 0.00 min
 Lab File: VX003728.D
 Acq: 30 Jul 2018 17:15

Tgt Ion: 84 Resp: 57409
 Ion Ratio Lower Upper
 84 100
 49 119.8 95.8 143.8
 51 37.0 29.6 44.4
 86 62.5 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 47.707 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX003728.D

Acq: 30 Jul 2018 17:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

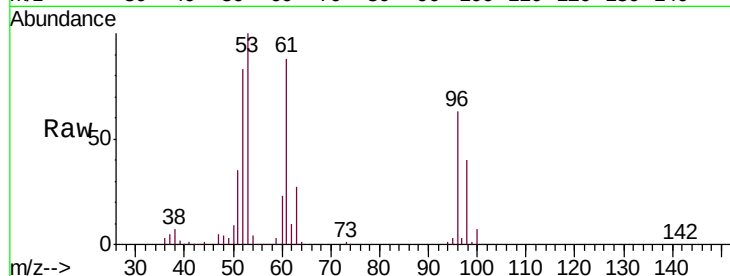
Tgt Ion: 96 Resp: 53155

Ion Ratio Lower Upper

96 100

61 138.6 110.9 166.3

98 62.8 50.2 75.4

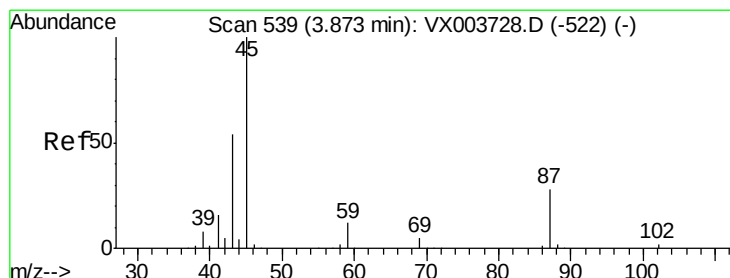
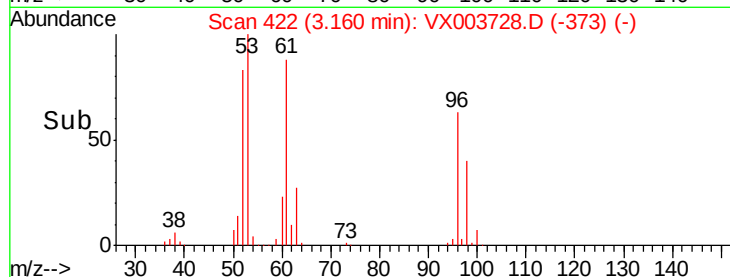
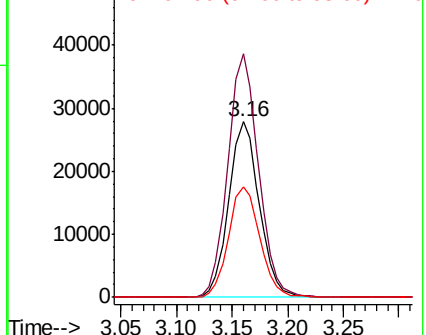


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 50.291 ug/l

RT: 3.87 min Scan# 539

Delta R.T. 0.00 min

Lab File: VX003728.D

Acq: 30 Jul 2018 17:15

Tgt Ion: 45 Resp: 163645

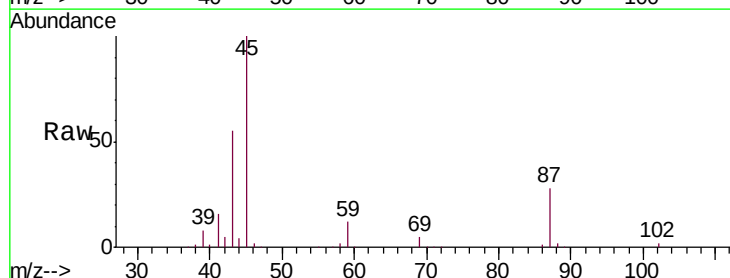
Ion Ratio Lower Upper

45 100

43 54.4 43.5 65.3

87 28.2 22.6 33.8

59 11.6 9.3 13.9



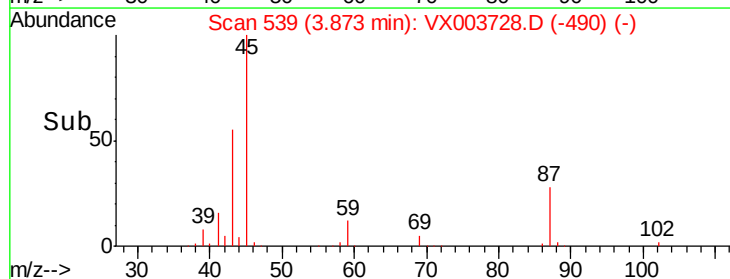
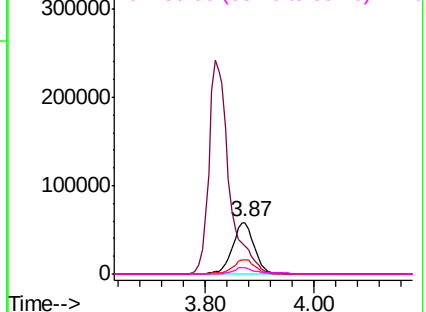
Abundance

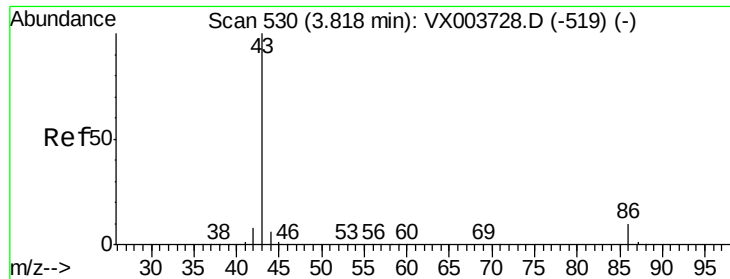
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 265.386 ug/l

RT: 3.82 min Scan# 530

Delta R.T. 0.00 min

Lab File: VX003728.D

Acq: 30 Jul 2018 17:15

Instrument :

MSVOA_X

ClientSampleId :

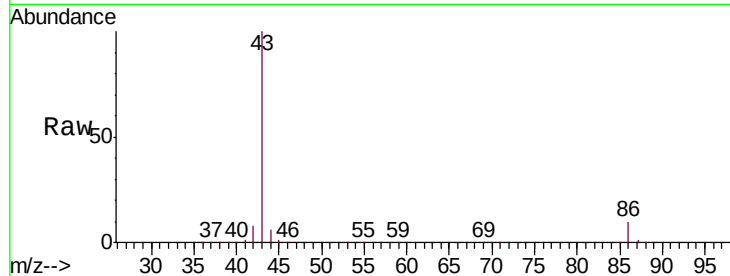
VSTDICCC050

Tgt Ion: 43 Resp: 622831

Ion Ratio Lower Upper

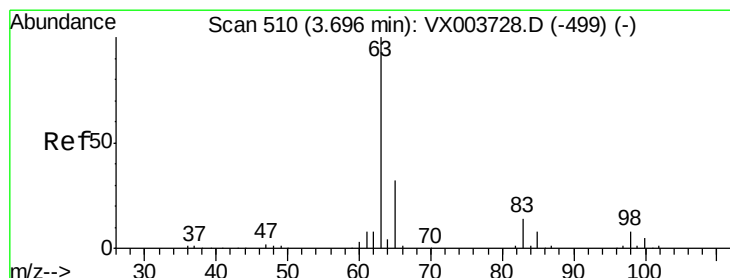
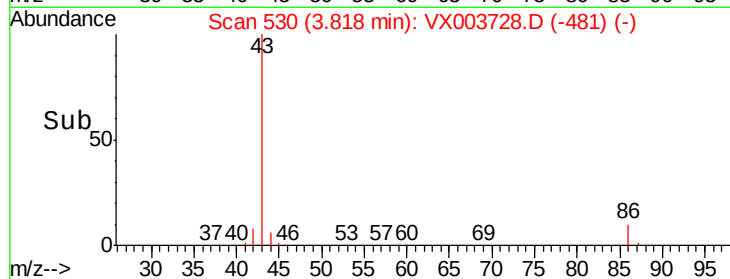
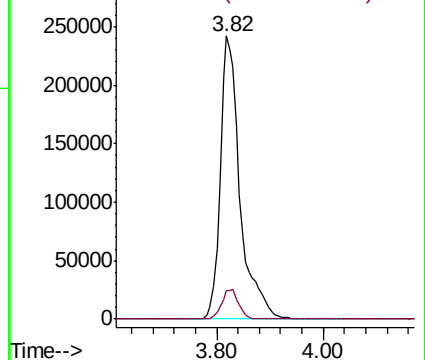
43 100

86 10.2 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.811 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003728.D

Acq: 30 Jul 2018 17:15

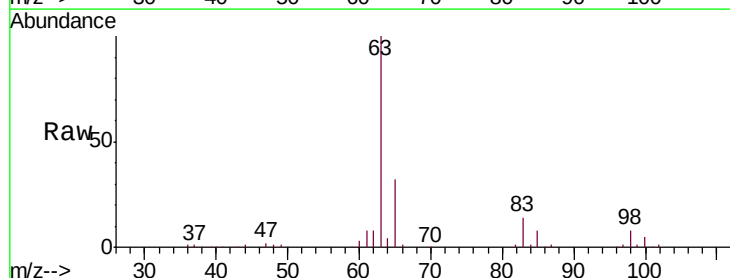
Tgt Ion: 63 Resp: 92628

Ion Ratio Lower Upper

63 100

98 8.0 4.0 12.0

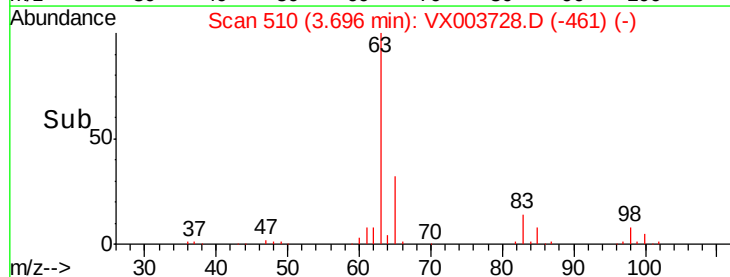
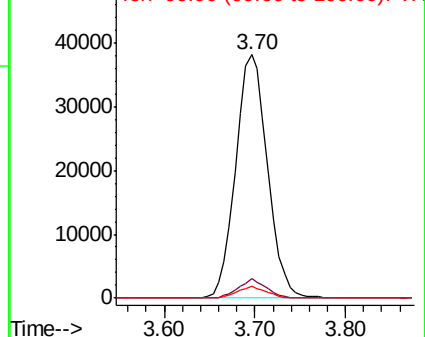
100 4.8 2.4 7.2

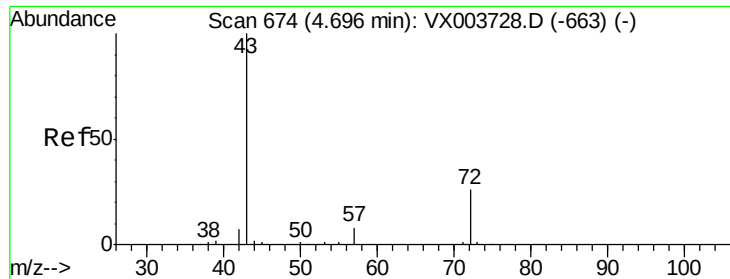


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 249.694 ug/l

RT: 4.70 min Scan# 674

Delta R.T. 0.00 min

Lab File: VX003728.D

Acq: 30 Jul 2018 17:15

Instrument :

MSVOA_X

ClientSampleId :

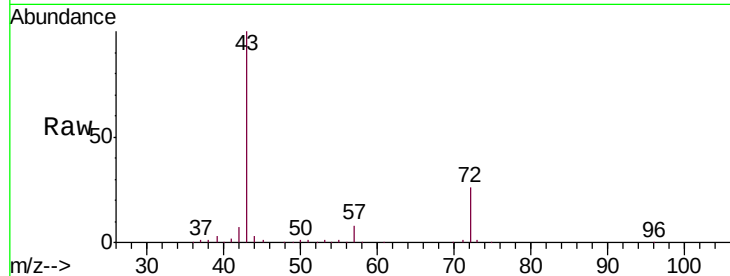
VSTDICCC050

Tgt Ion: 43 Resp: 159974

Ion Ratio Lower Upper

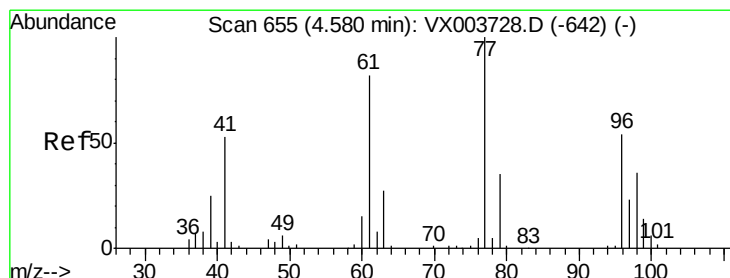
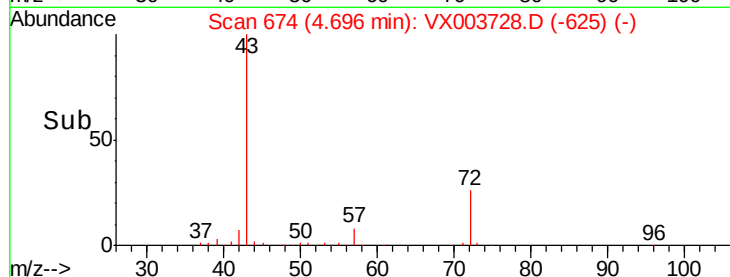
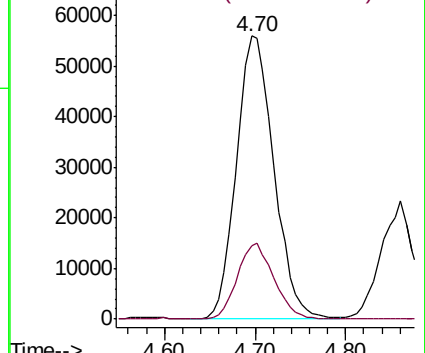
43 100

72 26.1 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 48.612 ug/l

RT: 4.58 min Scan# 655

Delta R.T. 0.00 min

Lab File: VX003728.D

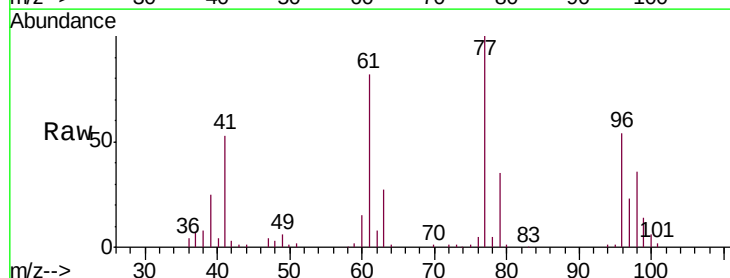
Acq: 30 Jul 2018 17:15

Tgt Ion: 77 Resp: 72655

Ion Ratio Lower Upper

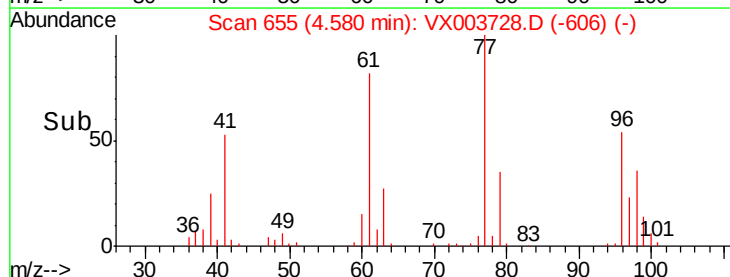
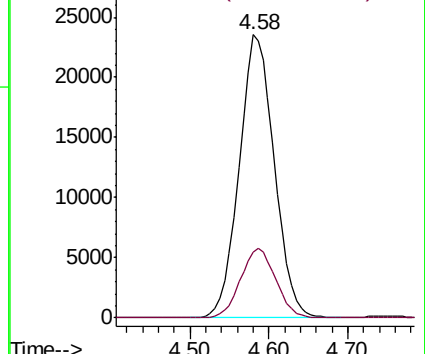
77 100

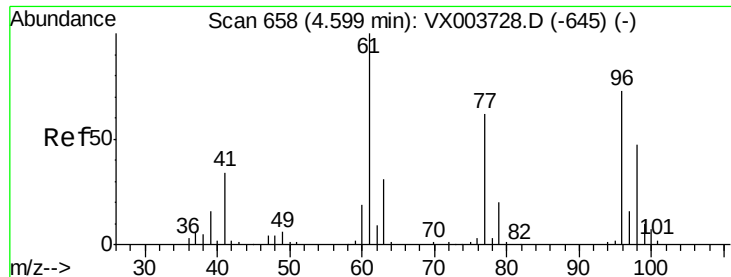
97 24.4 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



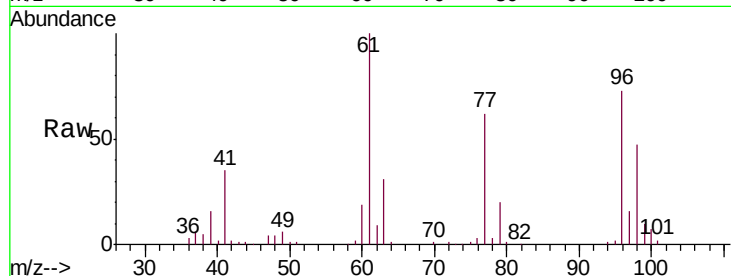


#27

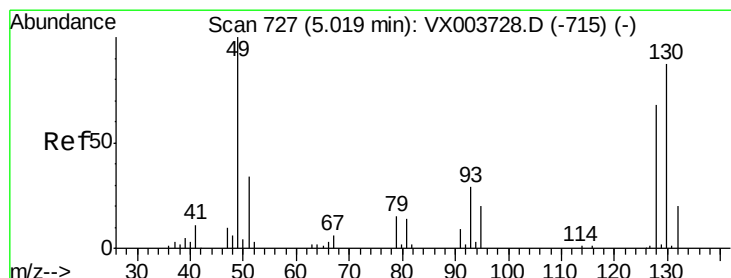
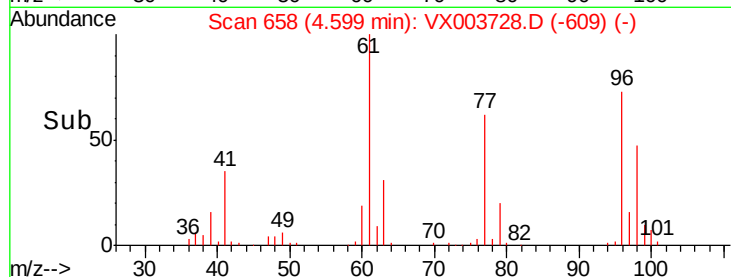
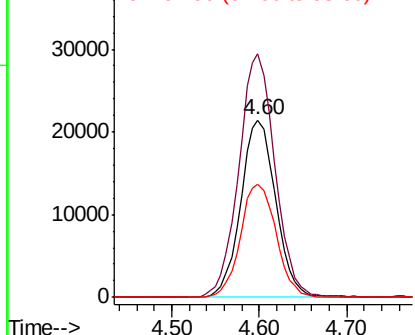
cis-1,2-Dichloroethene
 Concen: 49.461 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: VX003728.D
 Acq: 30 Jul 2018 17:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 96 Resp: 59389
 Ion Ratio Lower Upper
 96 100
 61 142.8 0.0 285.6
 98 65.5 0.0 131.0



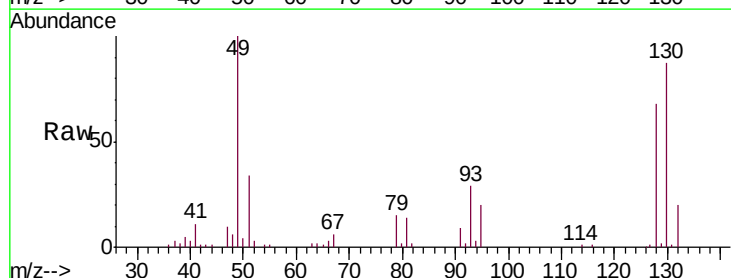
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



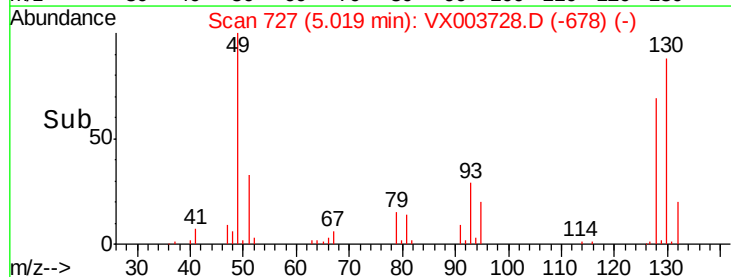
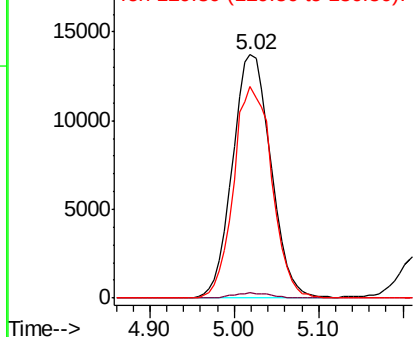
#28

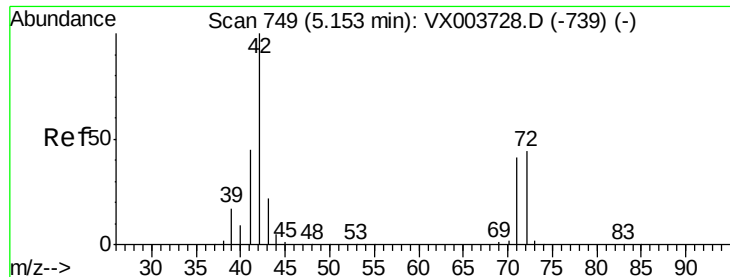
Bromochloromethane
 Concen: 49.875 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: VX003728.D
 Acq: 30 Jul 2018 17:15

Tgt Ion: 49 Resp: 42455
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.0
 130 86.1 68.9 103.3



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

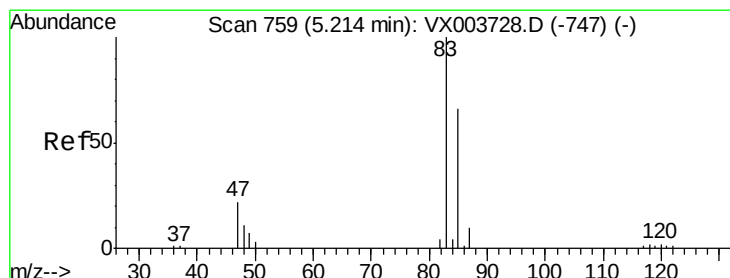
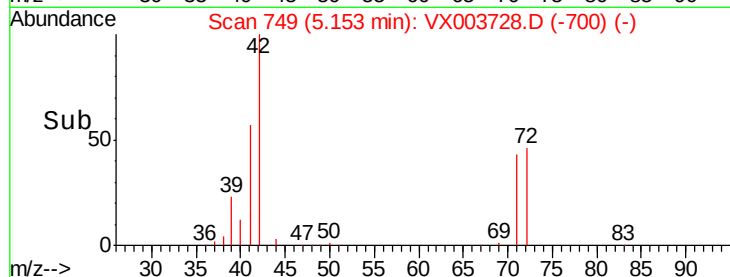
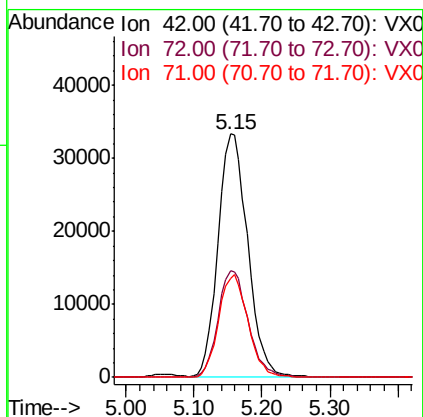
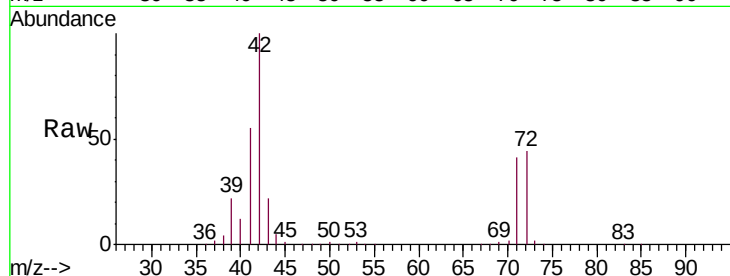




#29
Tetrahydrofuran
Concen: 246.730 ug/l
RT: 5.15 min Scan# 749
Delta R.T. 0.00 min
Lab File: VX003728.D
Acq: 30 Jul 2018 17:15

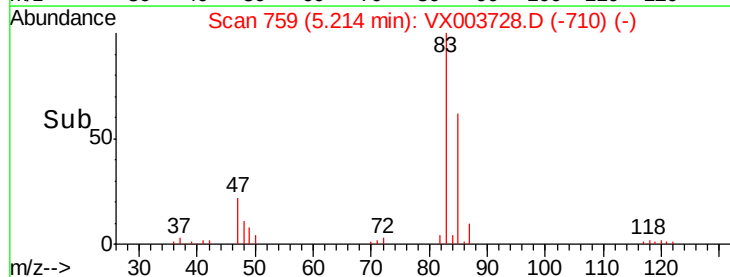
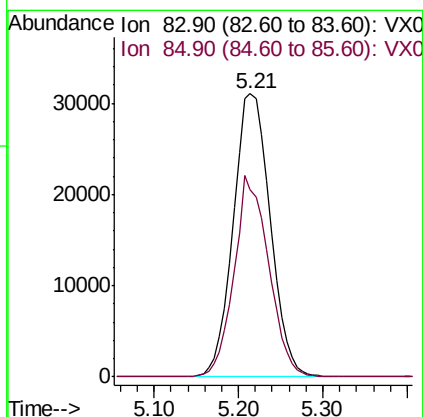
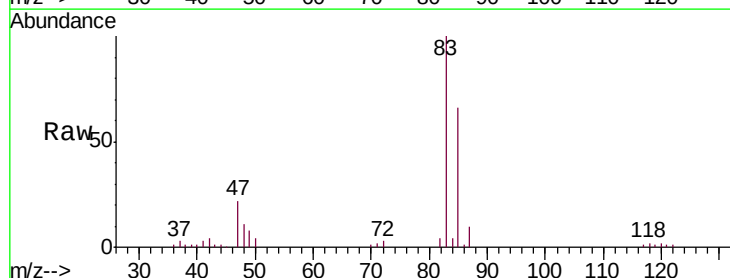
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

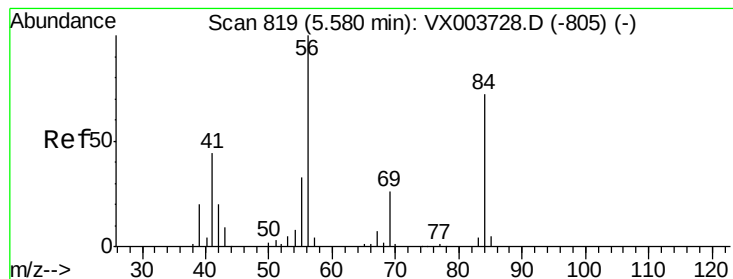
Tgt Ion: 42 Resp: 100738
Ion Ratio Lower Upper
42 100
72 44.5 35.6 53.4
71 41.7 33.4 50.0



#30
Chloroform
Concen: 49.398 ug/l
RT: 5.21 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX003728.D
Acq: 30 Jul 2018 17:15

Tgt Ion: 83 Resp: 92372
Ion Ratio Lower Upper
83 100
85 66.0 52.8 79.2





#31

Cyclohexane

Concen: 50.370 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX003728.D

Acq: 30 Jul 2018 17:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

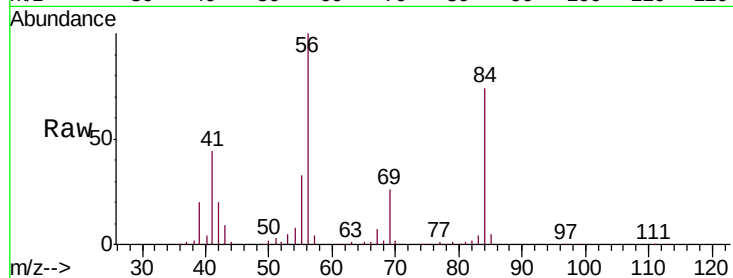
Tgt Ion: 56 Resp: 92333

Ion Ratio Lower Upper

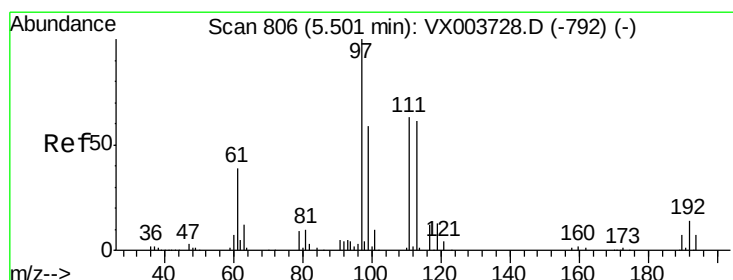
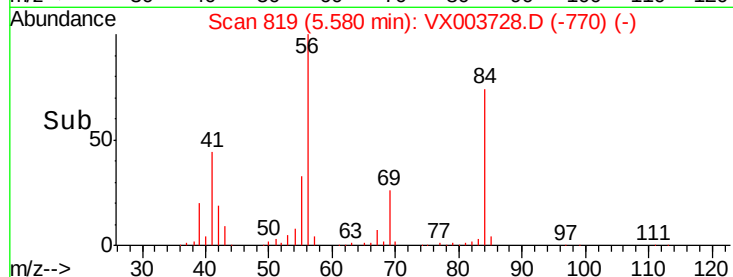
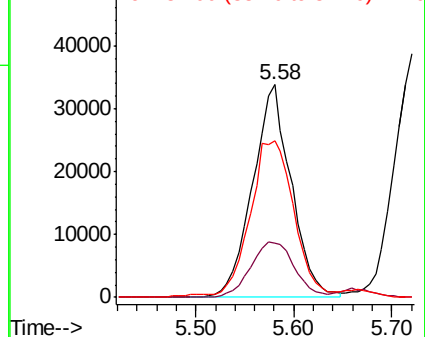
56 100

69 25.7 20.6 30.8

84 72.4 57.9 86.9



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: 50.139 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX003728.D

Acq: 30 Jul 2018 17:15

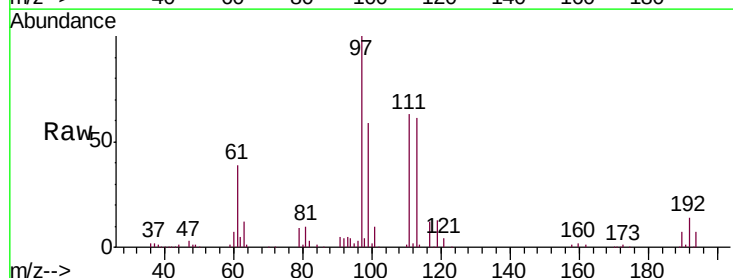
Tgt Ion: 97 Resp: 80581

Ion Ratio Lower Upper

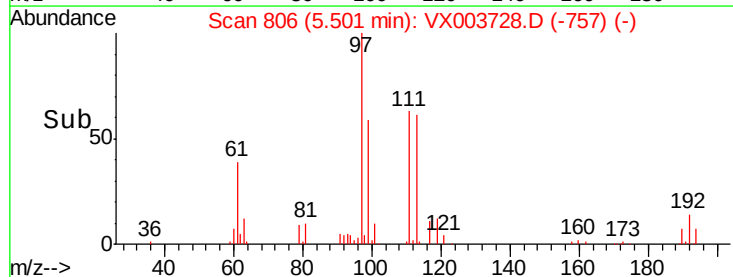
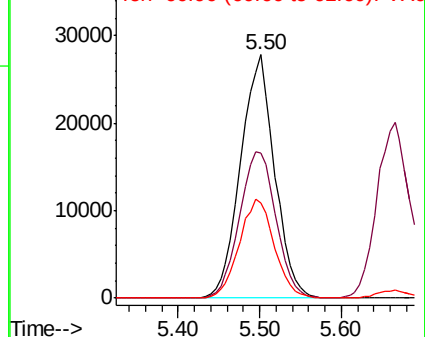
97 100

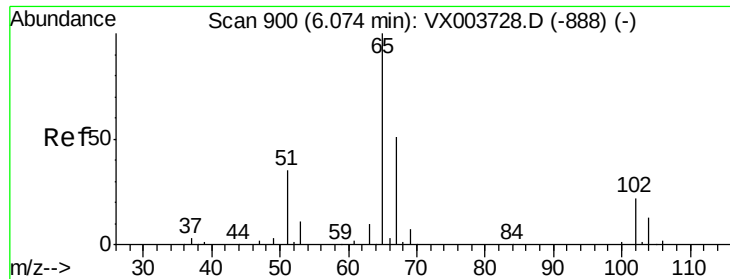
99 64.3 51.4 77.2

61 41.8 33.4 50.2



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

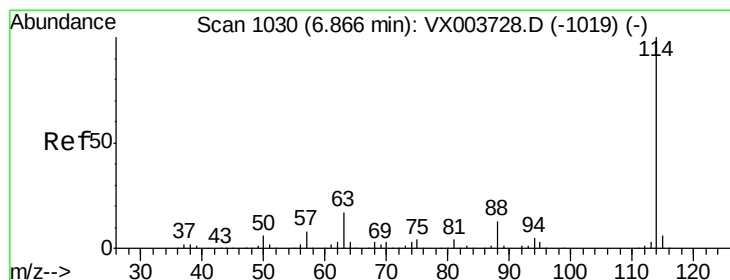
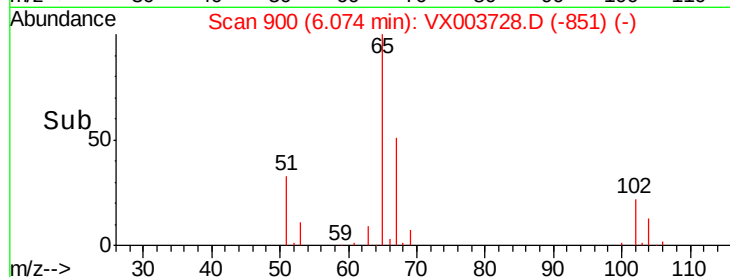
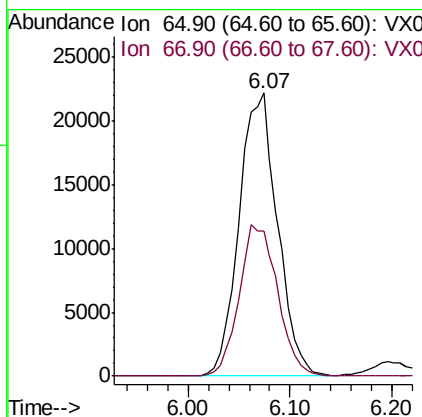
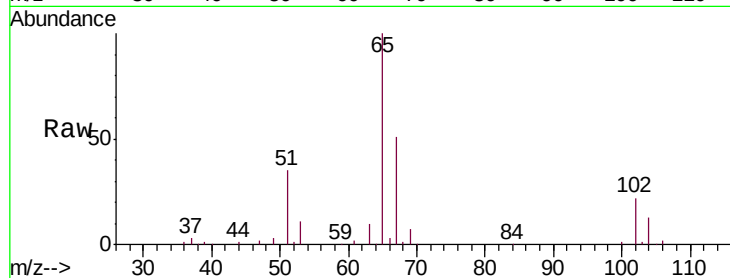




#33
 1,2-Dichloroethane-d4
 Concen: 50.433 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX003728.D
 Acq: 30 Jul 2018 17:15

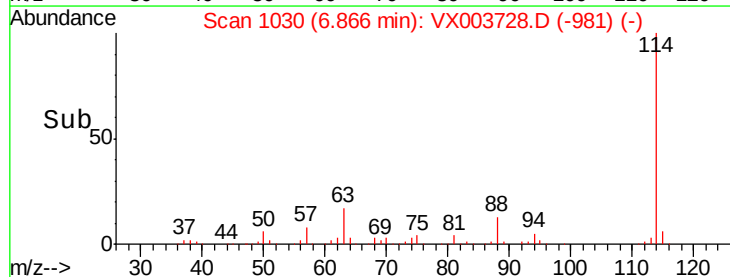
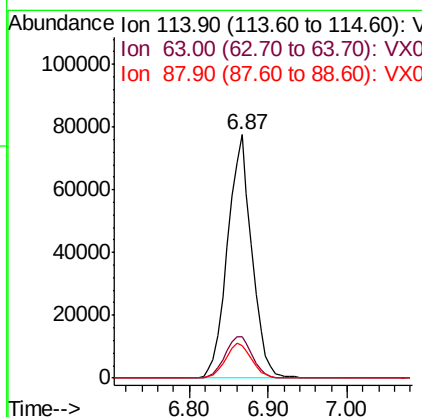
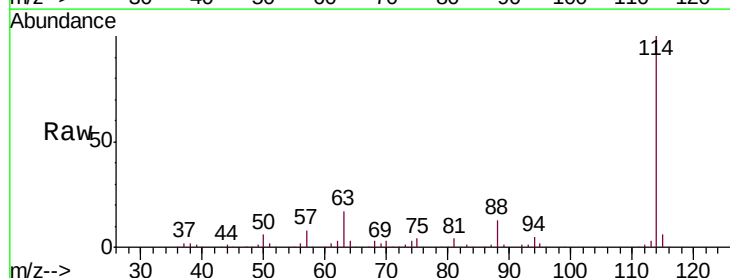
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

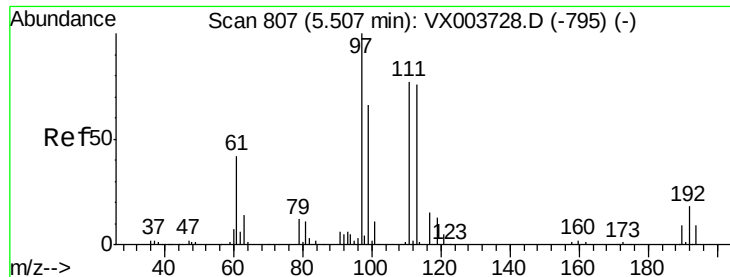
Tgt Ion: 65 Resp: 58027
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003728.D
 Acq: 30 Jul 2018 17:15

Tgt Ion: 114 Resp: 165960
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 34.0
 88 13.2 0.0 26.4

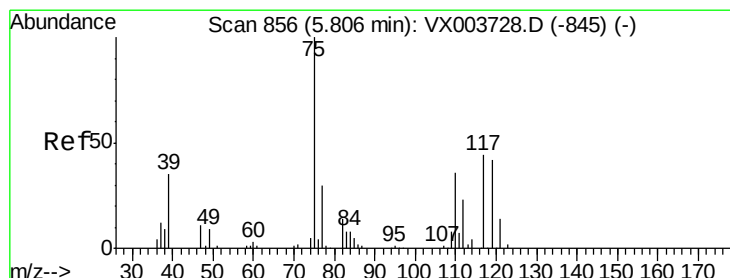
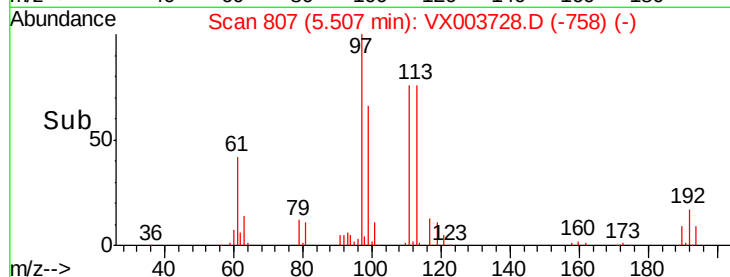
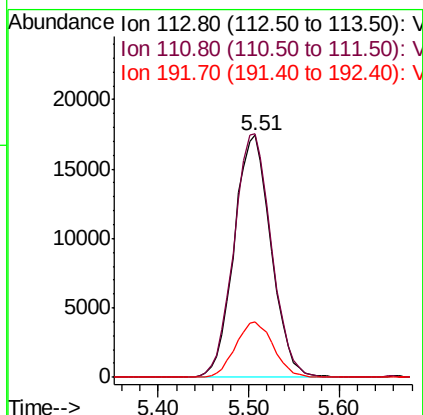
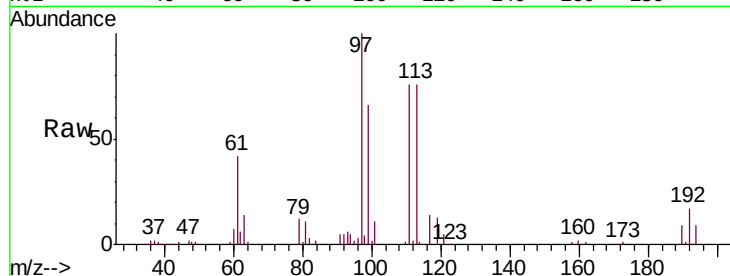




#35
 Dibromofluoromethane
 Concen: 50.293 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003728.D
 Acq: 30 Jul 2018 17:15

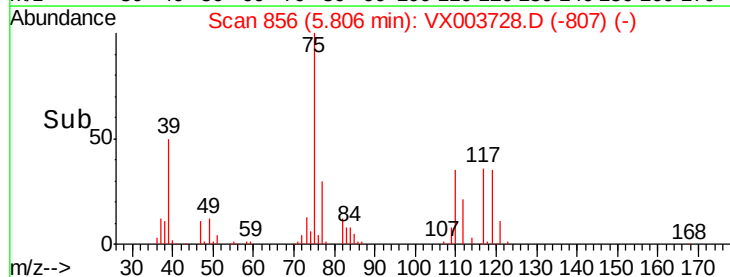
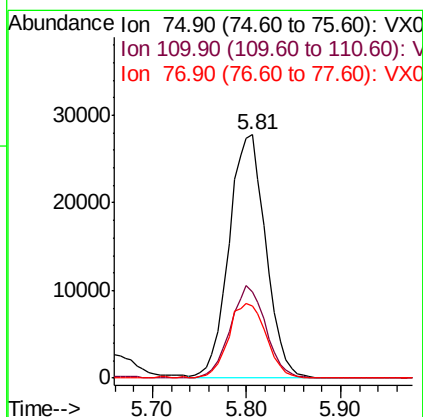
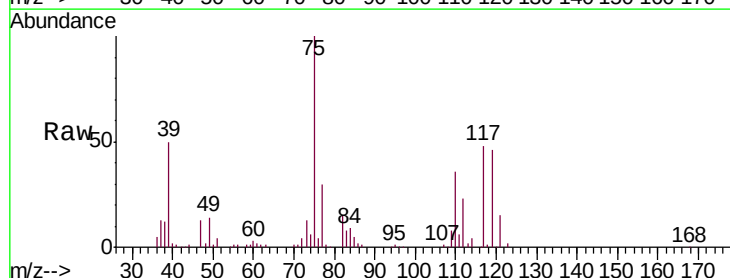
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

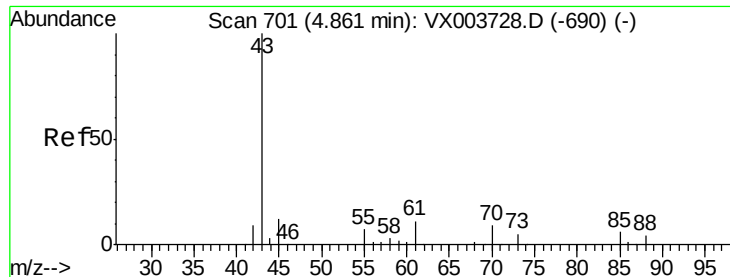
Tgt Ion:113 Resp: 49147
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.8 122.6
 192 23.5 18.8 28.2



#36
 1,1-Dichloropropene
 Concen: 48.710 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VX003728.D
 Acq: 30 Jul 2018 17:15

Tgt Ion: 75 Resp: 75706
 Ion Ratio Lower Upper
 75 100
 110 36.5 18.3 54.8
 77 31.4 25.1 37.7

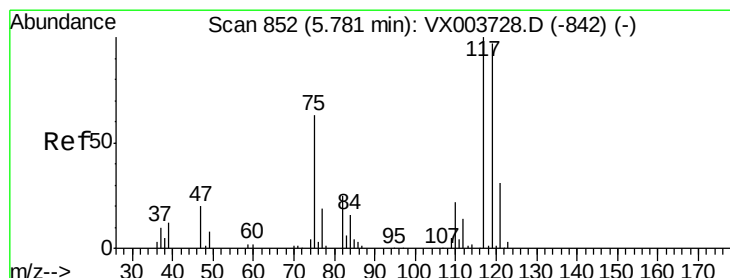
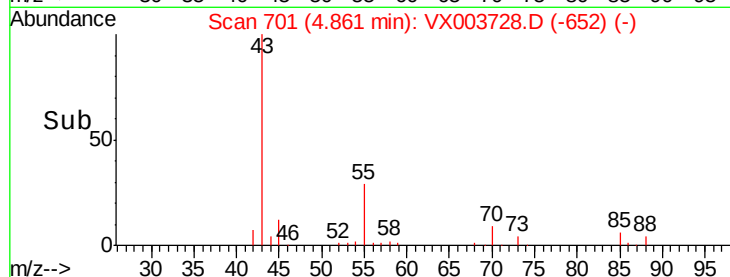
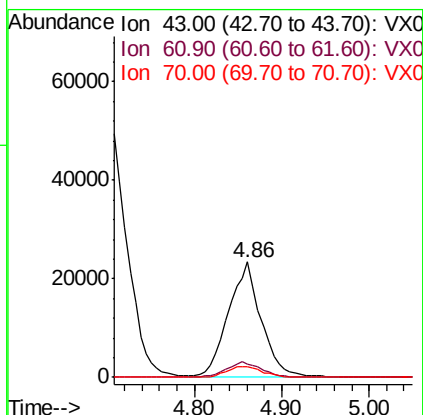
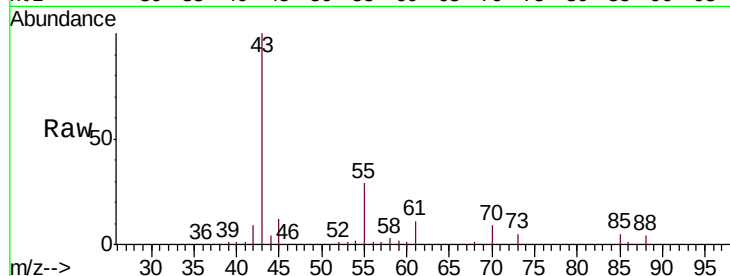




#37
Ethyl Acetate
Concen: 50.489 ug/l
RT: 4.86 min Scan# 701
Delta R.T. 0.00 min
Lab File: VX003728.D
Acq: 30 Jul 2018 17:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 60278
Ion Ratio Lower Upper
43 100
61 14.2 11.4 17.0
70 10.2 8.2 12.2



#38
Carbon Tetrachloride
Concen: 49.230 ug/l
RT: 5.78 min Scan# 852
Delta R.T. 0.00 min
Lab File: VX003728.D
Acq: 30 Jul 2018 17:15

Tgt Ion: 117 Resp: 70772
Ion Ratio Lower Upper
117 100
119 96.5 77.2 115.8
121 31.2 25.0 37.4

