

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022519\
 Data File : VX007665.D
 Acq On : 25 Feb 2019 11:08
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Quant Time: Feb 26 01:36:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:13:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	346617	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	555363	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	501755	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	258678	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	215478	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
35) Dibromofluoromethane	5.50	113	186606	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
50) Toluene-d8	8.71	98	717182	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
62) 4-Bromofluorobenzene	11.13	95	263787	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	163380	51.168	ug/l	98
3) Chloromethane	1.33	50	165895	46.885	ug/l	99
4) Vinyl Chloride	1.41	62	179208	49.367	ug/l	99
5) Bromomethane	1.64	94	115206	44.022	ug/l	98
6) Chloroethane	1.72	64	111316	47.996	ug/l	96
7) Trichlorofluoromethane	1.93	101	274906	49.399	ug/l	94
8) Diethyl Ether	2.19	74	107059	46.875	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	160290	47.655	ug/l	93
10) Methyl Iodide	2.51	142	223638	53.396	ug/l	97
11) Tert butyl alcohol	3.07	59	199121	244.433	ug/l	99
12) 1,1-Dichloroethene	2.37	96	149436	49.287	ug/l	94
13) Acrolein	2.30	56	179733	248.289	ug/l	99
14) Allyl chloride	2.73	41	277711	49.537	ug/l	98
15) Acrylonitrile	3.15	53	479879	250.320	ug/l	99
16) Acetone	2.45	43	457403	239.564	ug/l	100
17) Carbon Disulfide	2.57	76	419603	49.745	ug/l	99
18) Methyl Acetate	2.78	43	204675	49.126	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	521840	49.425	ug/l	99
20) Methylene Chloride	2.86	84	166142	47.125	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	163577	49.627	ug/l	95
22) Diisopropyl ether	3.87	45	589812	50.540	ug/l	99
23) Vinyl Acetate	3.82	43	2608905	254.801	ug/l	100
24) 1,1-Dichloroethane	3.70	63	314322	49.558	ug/l	99
25) 2-Butanone	4.70	43	732210	251.758	ug/l	100
26) 2,2-Dichloropropane	4.59	77	250782	49.534	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	205680	49.041	ug/l	97
28) Bromochloromethane	5.02	49	152598	49.421	ug/l	90
29) Tetrahydrofuran	5.15	42	480378	250.571	ug/l	99
30) Chloroform	5.21	83	336401	49.515	ug/l	96
31) Cyclohexane	5.57	56	291834	48.916	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	282133	50.213	ug/l	97
36) 1,1-Dichloropropene	5.80	75	244152	48.900	ug/l	98
37) Ethyl Acetate	4.85	43	276537	49.860	ug/l	99
38) Carbon Tetrachloride	5.79	117	244497	48.749	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	306409	48.557	ug/l	97
40) Benzene	6.14	78	756751	49.099	ug/l	100
41) Methacrylonitrile	5.06	41	149324	50.419	ug/l	100
42) 1,2-Dichloroethane	6.20	62	254737	49.173	ug/l	99
43) Isopropyl Acetate	6.46	43	441359	51.705	ug/l	99
44) Trichloroethene	7.21	130	203714	48.047	ug/l	89
45) 1,2-Dichloropropane	7.51	63	195615	48.995	ug/l	99
46) Dibromomethane	7.66	93	132478	47.562	ug/l	91
47) Bromodichloromethane	7.90	83	248101	51.400	ug/l	99
48) Methyl methacrylate	7.77	41	222419	49.708	ug/l	99
49) 1,4-Dioxane	7.75	88	93358	966.029	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1461675	255.812	ug/l	100
52) Toluene	8.79	92	483114	49.708	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	282037	53.250	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	306952	52.402	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	198376	48.946	ug/l	99
56) Ethyl methacrylate	9.18	69	296283	51.406	ug/l	99
57) 1,3-Dichloropropane	9.37	76	327845	50.533	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	796216	250.516	ug/l	98
59) 2-Hexanone	9.49	43	1137825	253.645	ug/l	100
60) Dibromochloromethane	9.58	129	201996	51.796	ug/l	97
61) 1,2-Dibromoethane	9.67	107	210745	50.083	ug/l	98
64) Tetrachloroethene	9.34	164	197502	48.487	ug/l	96
65) Chlorobenzene	10.14	112	532240	49.045	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	190185	50.242	ug/l	98
67) Ethyl Benzene	10.25	91	905701	50.381	ug/l	100
68) m/p-Xylenes	10.36	106	700115	100.109	ug/l	94
69) o-Xylene	10.70	106	339363	50.448	ug/l	95
70) Styrene	10.71	104	566931	51.273	ug/l	98
71) Bromoform	10.86	173	143804	50.660	ug/l	100
73) Isopropylbenzene	11.02	105	918831	49.699	ug/l	99
74) N-amyl acetate	10.90	43	405769	50.541	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	298239	46.640	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	361822	65.621	ug/l	80
77) Bromobenzene	11.26	156	226621	48.870	ug/l	89
78) n-propylbenzene	11.36	91	1069077	51.172	ug/l	97
79) 2-Chlorotoluene	11.42	91	627600	49.891	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	774952	50.959	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	95128	52.153	ug/l	97
82) 4-Chlorotoluene	11.51	91	749006	50.898	ug/l	96
83) tert-Butylbenzene	11.77	119	732049	50.136	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	794665	51.085	ug/l	97
85) sec-Butylbenzene	11.94	105	928220	50.731	ug/l	98
86) p-Isopropyltoluene	12.06	119	832220	51.936	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	416225	48.390	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	421432	47.840	ug/l	97
89) n-Butylbenzene	12.38	91	741671	51.900	ug/l	99
90) Hexachloroethane	12.60	117	136900	50.705	ug/l	84
91) 1,2-Dichlorobenzene	12.39	146	413185	48.009	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	67338	48.331	ug/l	85

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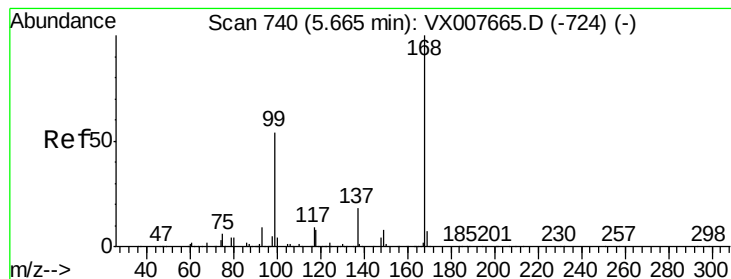
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Quant Time: Feb 26 01:36:39 2019
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	255045	48.548	ug/l	98
94) Hexachlorobutadiene	13.78	225	112728	46.906	ug/l	98
95) Naphthalene	13.83	128	881102	51.768	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	254779	48.300	ug/l	98

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

[illegible]



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

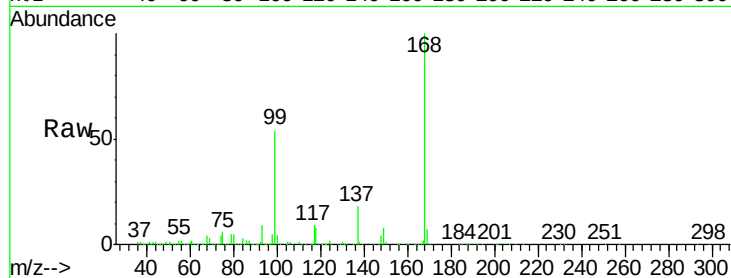
VSTDICCC050

Tot Ion:168 Resp: 346617

Ion Ratio Lower Upper

168 100

99 54.0 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

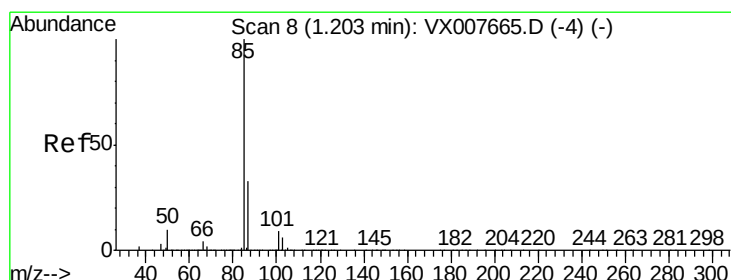
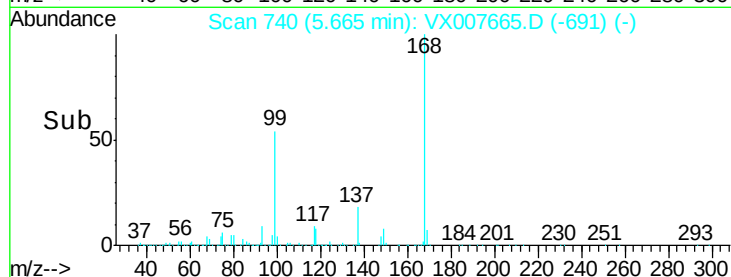
5.67

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 51.168 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.00 min

Lab File: VX007665.D

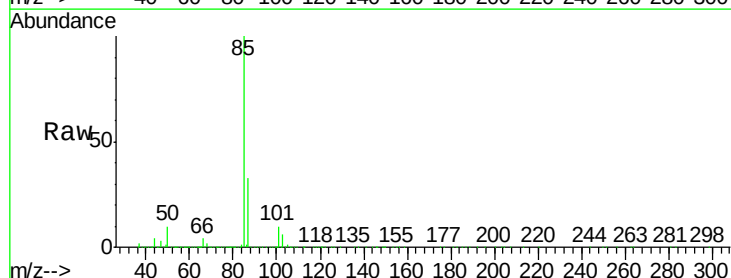
Acq: 25 Feb 2019 11:08

Tgt Ion: 85 Resp: 163380

Ion Ratio Lower Upper

85 100

87 32.5 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

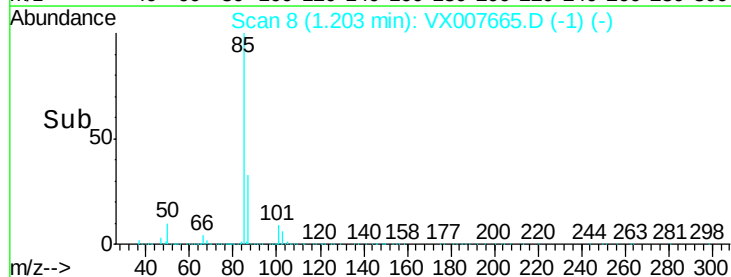
150000

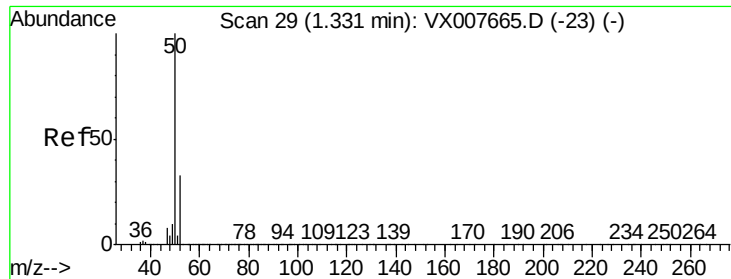
100000

50000

0

Time-->





#3

Chloromethane

Concen: 46.885 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

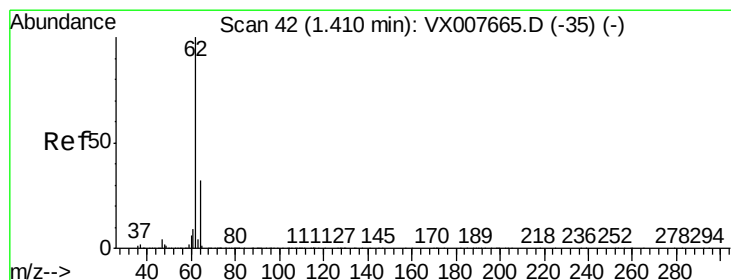
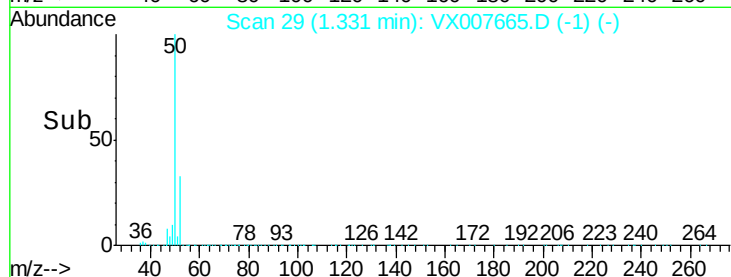
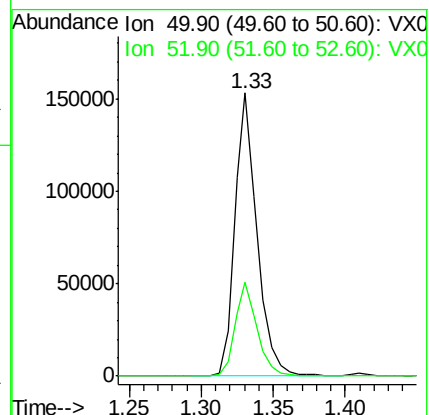
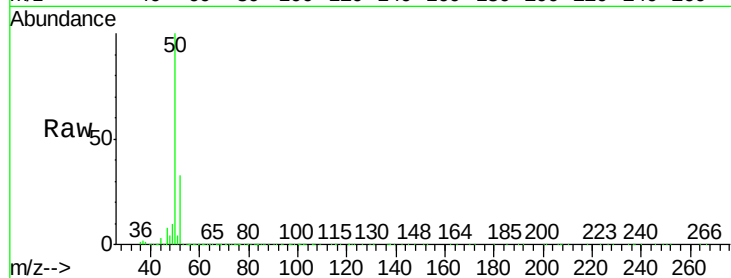
VSTDICCC050

Tot Ion: 50 Resp: 165895

Ion Ratio Lower Upper

50 100

52 33.0 26.1 39.1



#4

Vinyl Chloride

Concen: 49.367 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007665.D

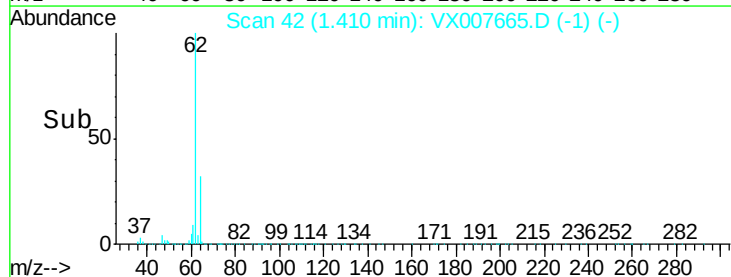
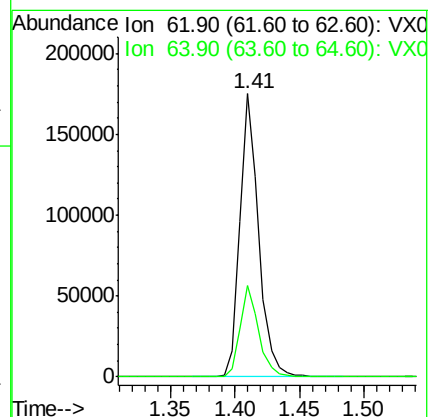
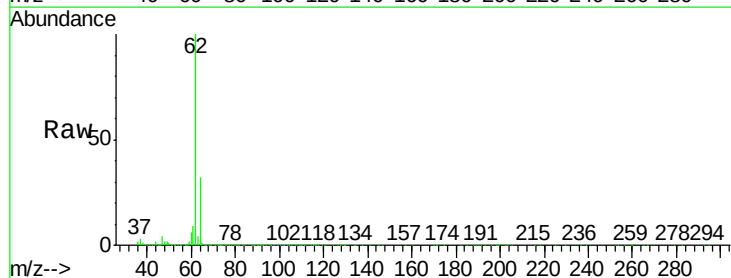
Acq: 25 Feb 2019 11:08

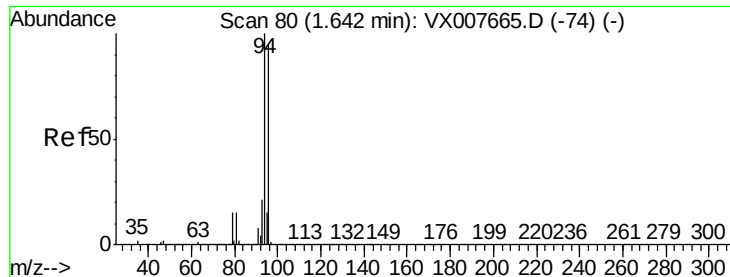
Tgt Ion: 62 Resp: 179208

Ion Ratio Lower Upper

62 100

64 32.2 25.4 38.0





#5

Bromomethane

Concen: 44.022 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

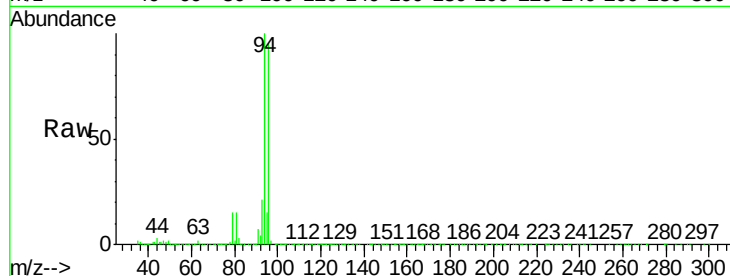
VSTDICCC050

Tot Ion: 94 Resp: 115206

Ion Ratio Lower Upper

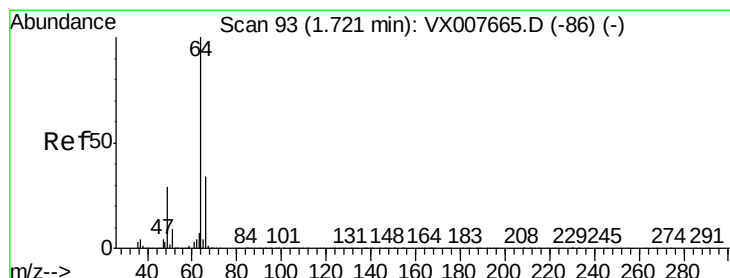
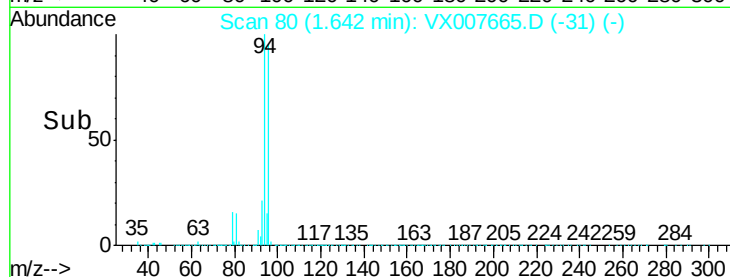
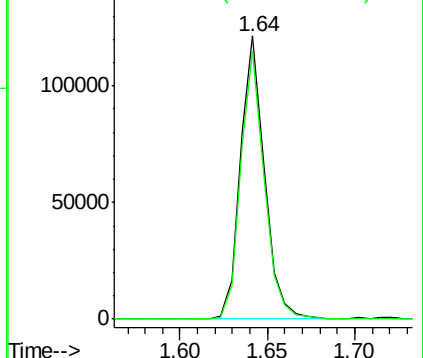
94 100

96 94.5 73.9 110.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.996 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX007665.D

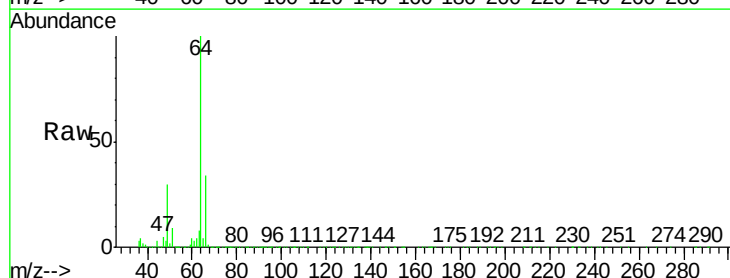
Acq: 25 Feb 2019 11:08

Tgt Ion: 64 Resp: 111316

Ion Ratio Lower Upper

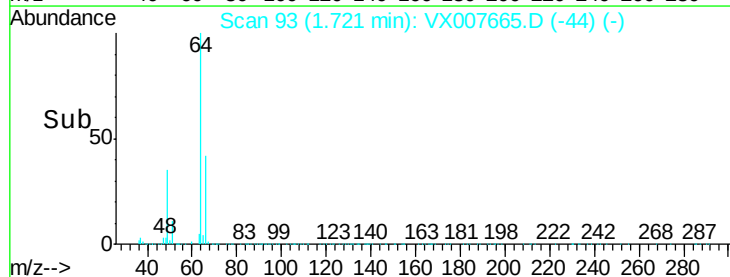
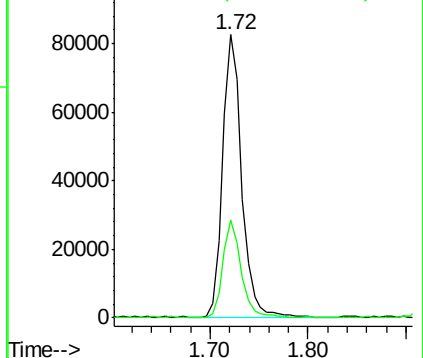
64 100

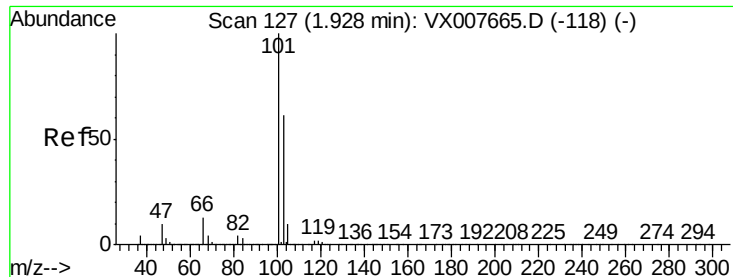
66 34.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



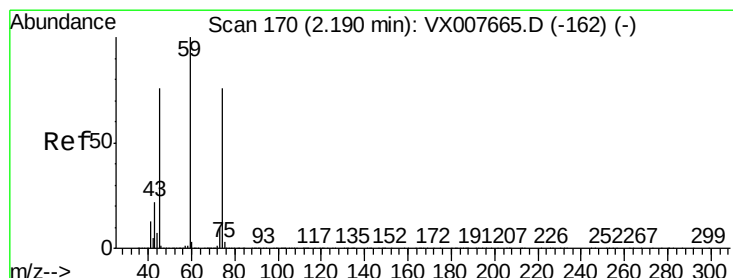
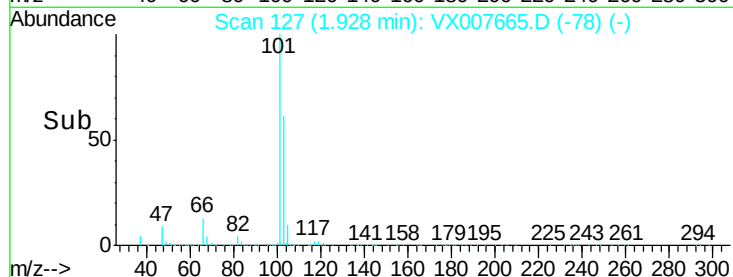
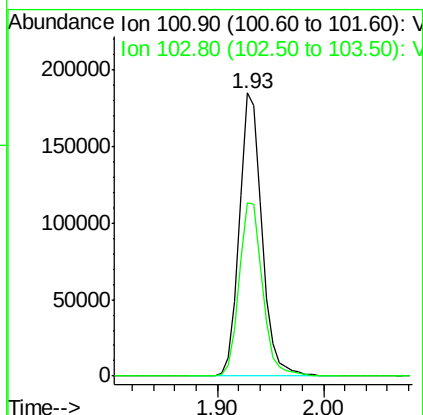
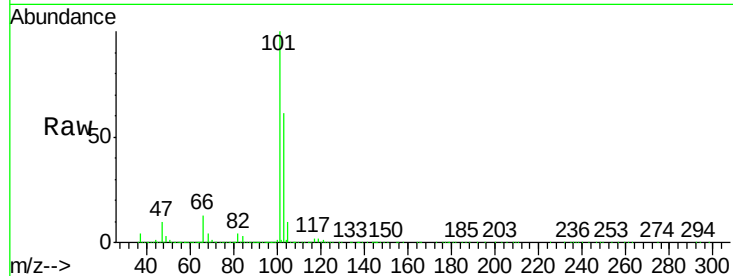


#7

Trichlorofluoromethane
Concen: 49.399 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX007665.D
Acq: 25 Feb 2019 11:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

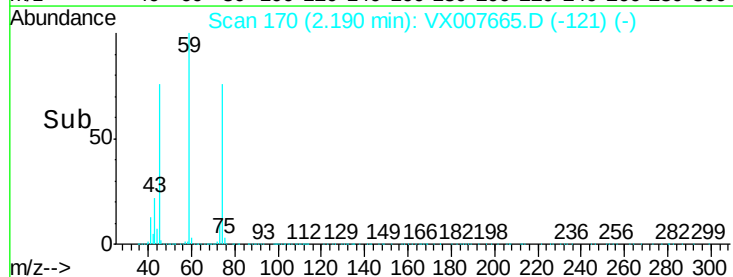
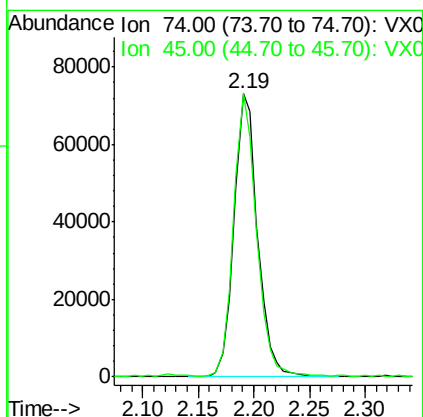
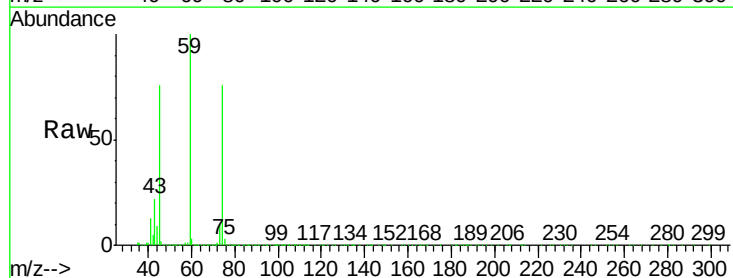
Tot Ion:101 Resp: 274906
Ion Ratio Lower Upper
101 100
103 61.2 52.6 79.0

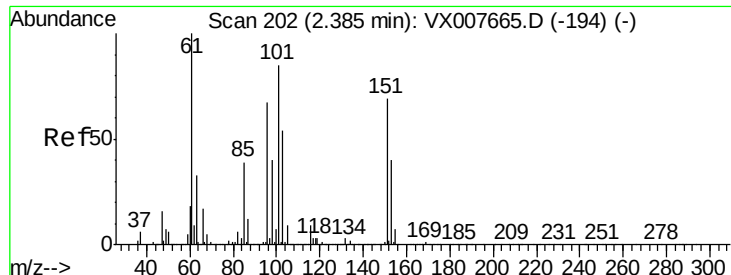


#8

Diethyl Ether
Concen: 46.875 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007665.D
Acq: 25 Feb 2019 11:08

Tgt Ion: 74 Resp: 107059
Ion Ratio Lower Upper
74 100
45 97.0 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.655 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

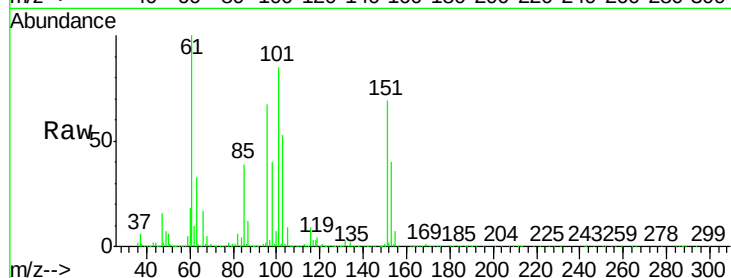
Tot Ion:101 Resp: 160290

Ion Ratio Lower Upper

101 100

85 44.7 34.1 51.1

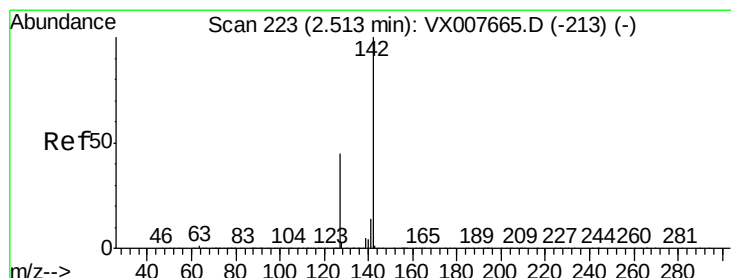
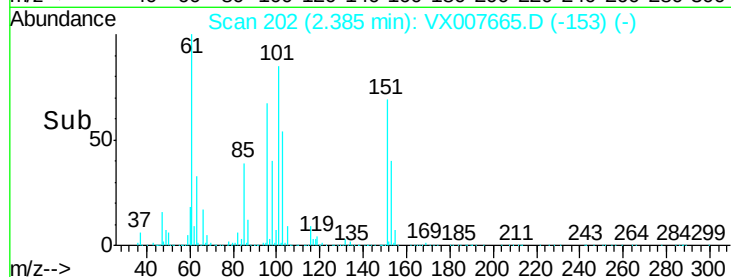
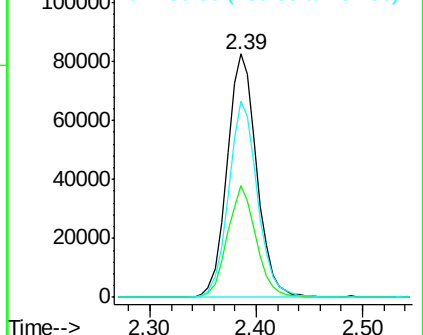
151 79.2 69.9 104.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 53.396 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

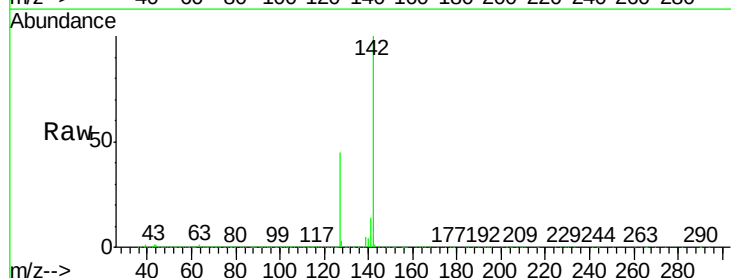
Tgt Ion:142 Resp: 223638

Ion Ratio Lower Upper

142 100

127 44.7 33.7 50.5

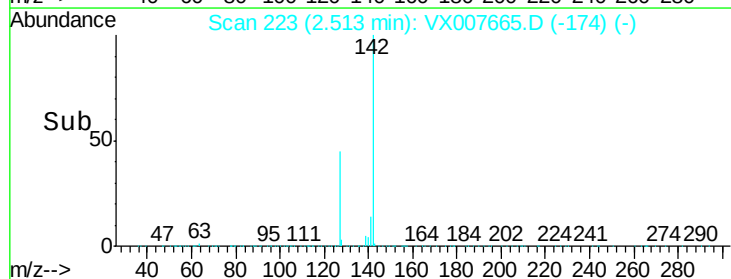
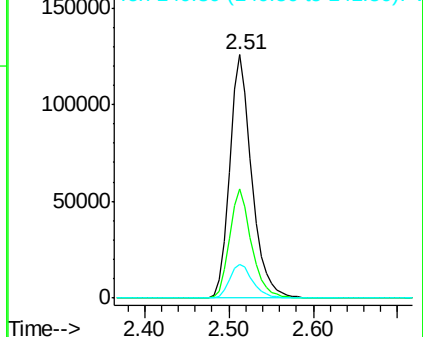
141 14.6 11.3 16.9

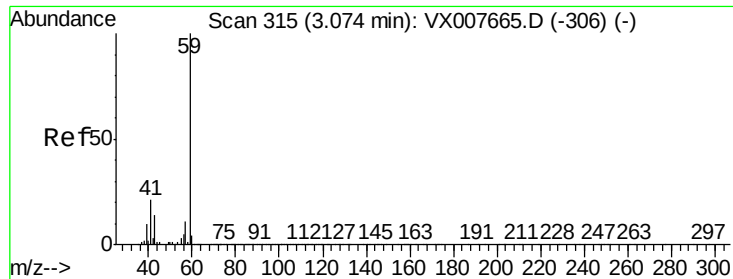


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



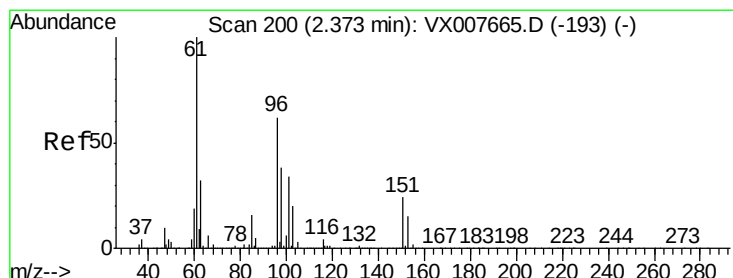
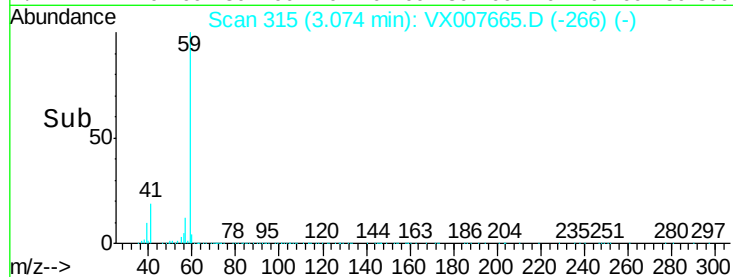
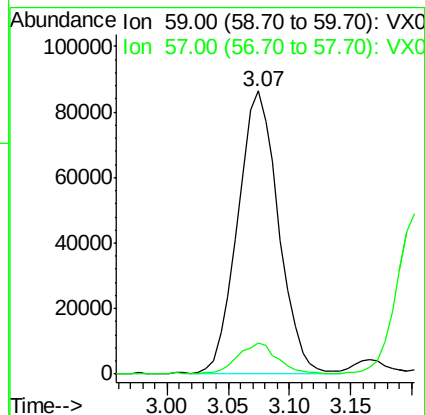
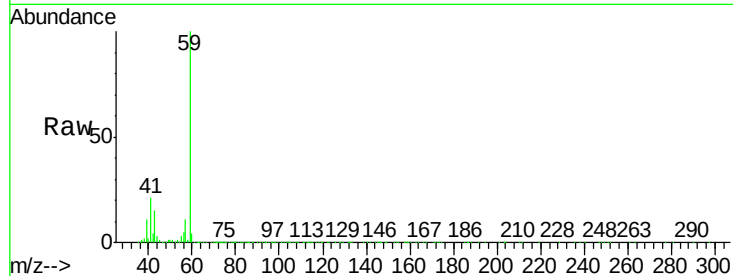


#11

Tert butyl alcohol
 Concen: 244.433 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. 0.00 min
 Lab File: VX007665.D
 Acq: 25 Feb 2019 11:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

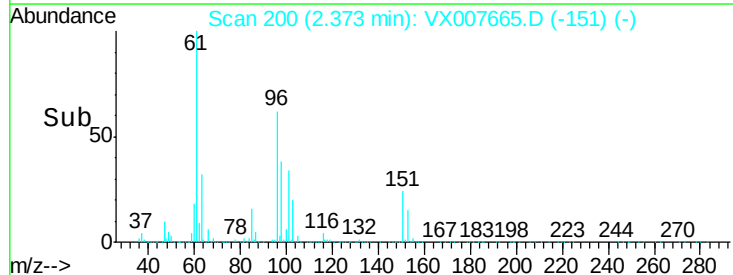
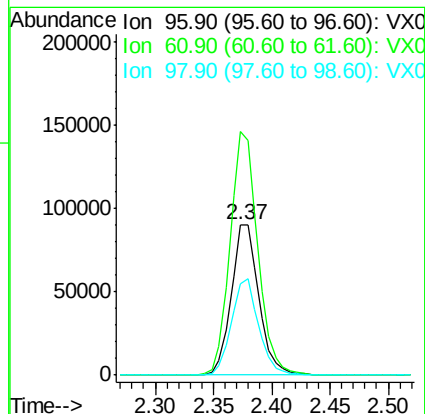
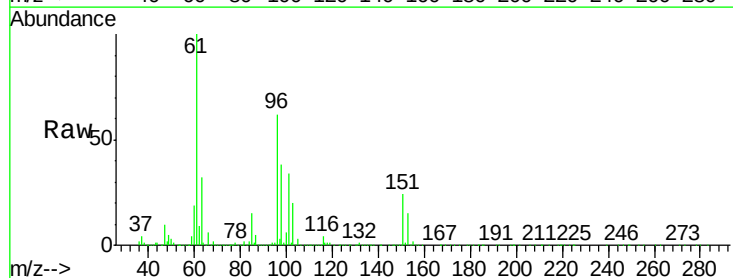
Tot Ion: 59 Resp: 199121
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.1 12.1

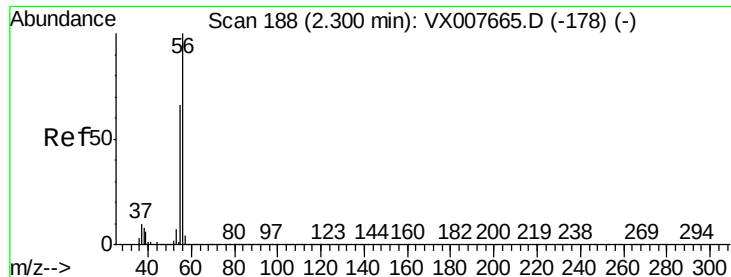


#12

1,1-Dichloroethene
 Concen: 49.287 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX007665.D
 Acq: 25 Feb 2019 11:08

Tgt Ion: 96 Resp: 149436
 Ion Ratio Lower Upper
 96 100
 61 161.8 123.0 184.4
 98 60.7 50.9 76.3

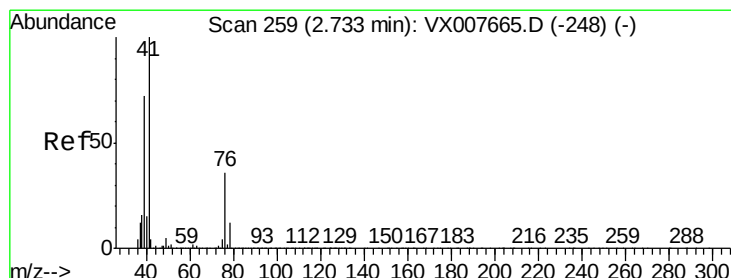
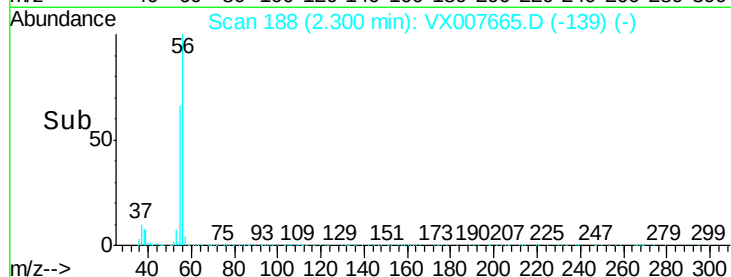
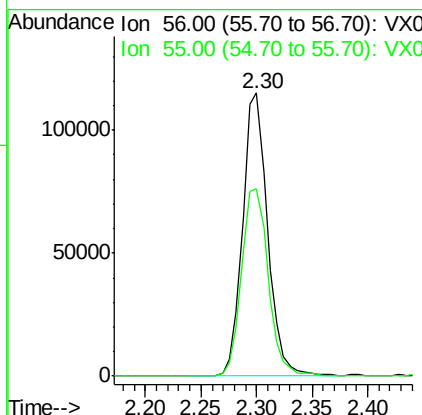
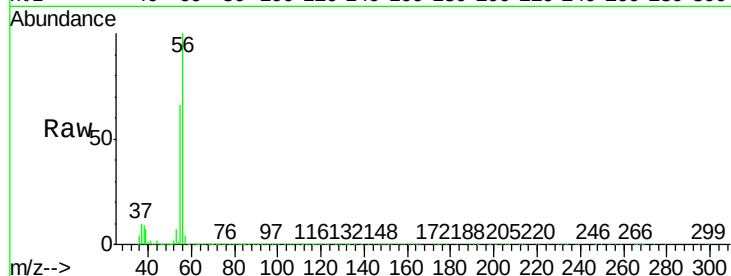




#13
Acrolein
Concen: 248.289 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.00 min
Lab File: VX007665.D
Acq: 25 Feb 2019 11:08

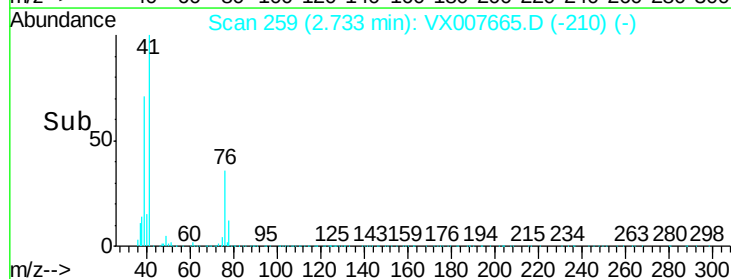
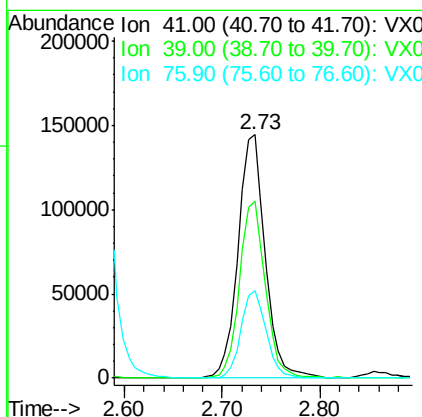
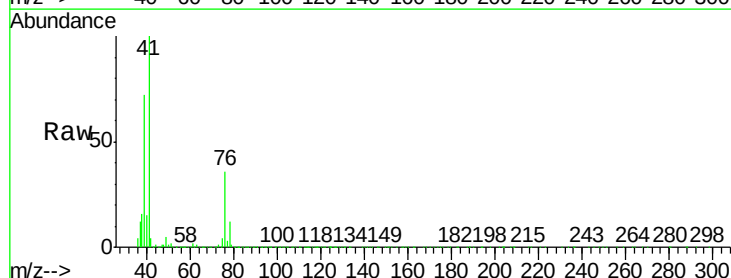
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

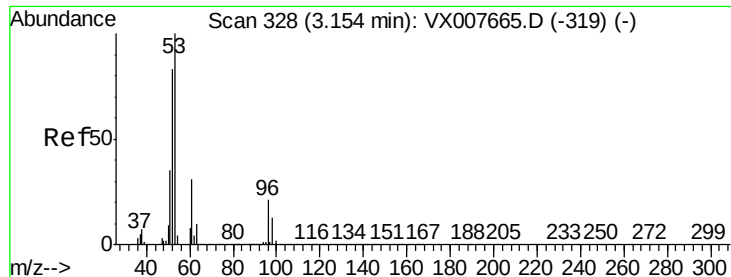
Tot Ion: 56 Resp: 179733
Ion Ratio Lower Upper
56 100
55 70.2 56.9 85.3



#14
Allyl chloride
Concen: 49.537 ug/l
RT: 2.73 min Scan# 259
Delta R.T. 0.00 min
Lab File: VX007665.D
Acq: 25 Feb 2019 11:08

Tgt Ion: 41 Resp: 277711
Ion Ratio Lower Upper
41 100
39 68.8 54.1 81.1
76 33.3 27.8 41.8





#15

Acrylonitrile

Concen: 250.320 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

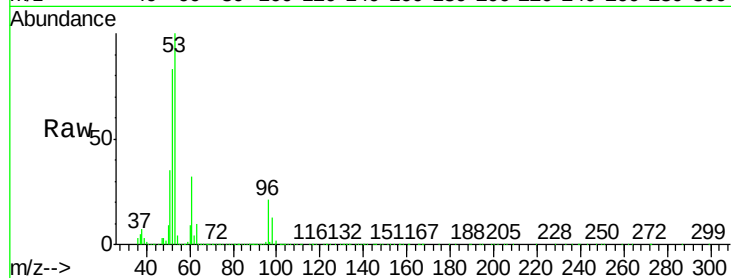
Tot Ion: 53 Resp: 479879

Ion Ratio Lower Upper

53 100

52 82.5 66.4 99.6

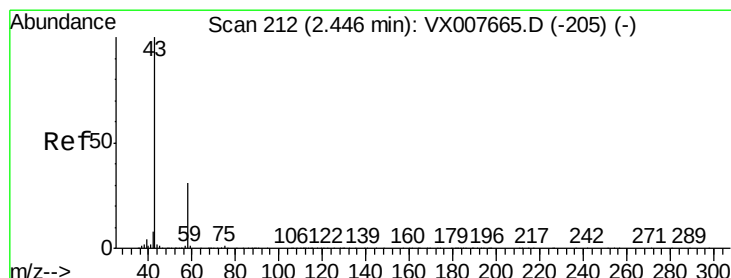
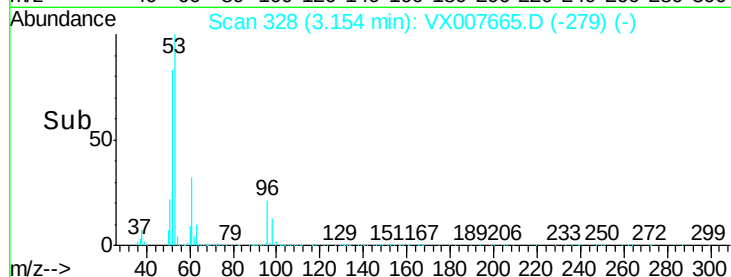
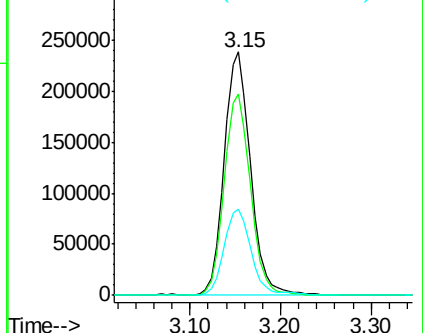
51 36.3 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 239.564 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007665.D

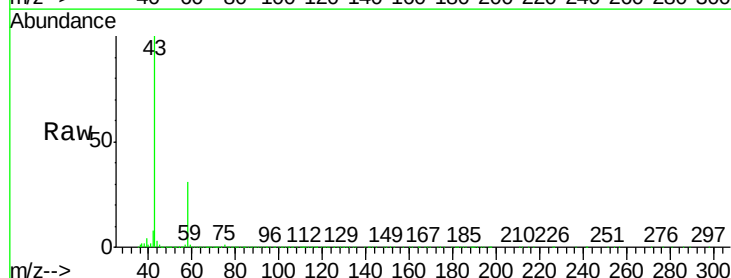
Acq: 25 Feb 2019 11:08

Tgt Ion: 43 Resp: 457403

Ion Ratio Lower Upper

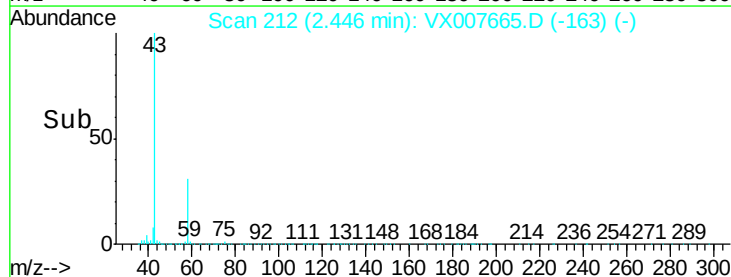
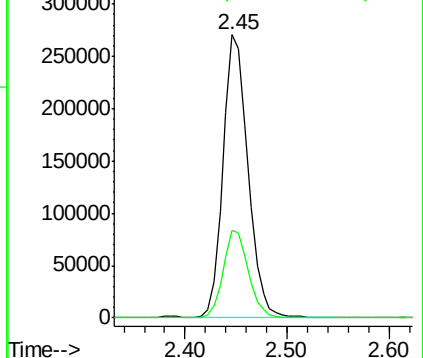
43 100

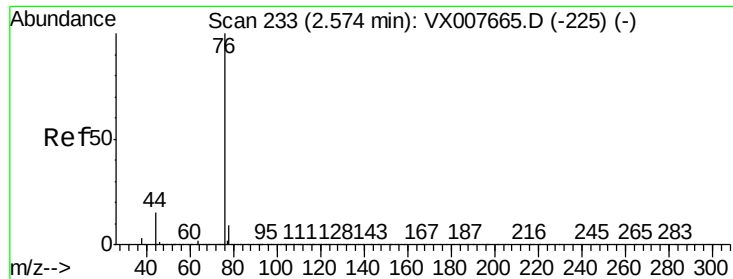
58 31.1 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 49.745 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

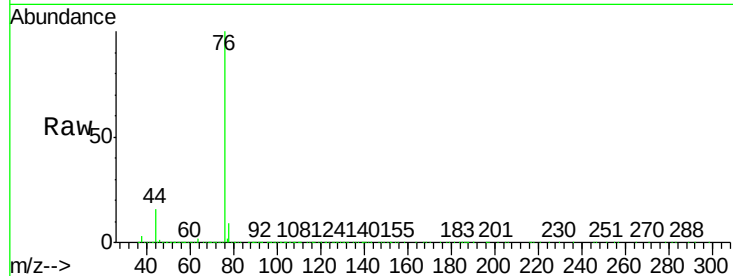
VSTDICCC050

Tot Ion: 76 Resp: 419603

Ion Ratio Lower Upper

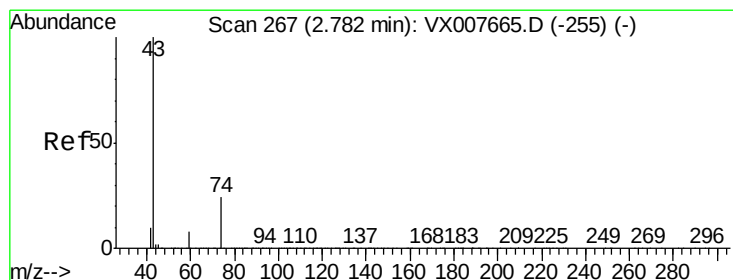
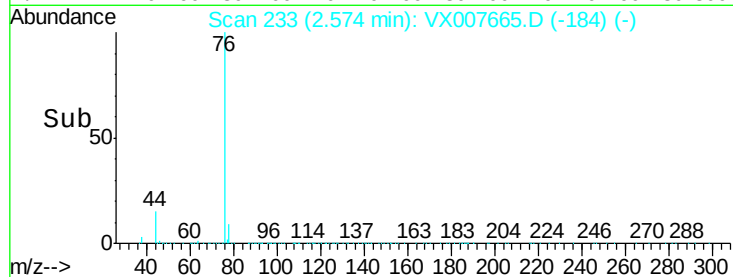
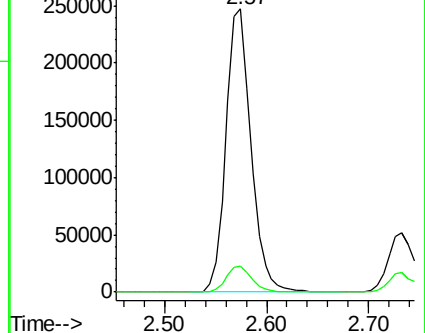
76 100

78 9.3 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 49.126 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX007665.D

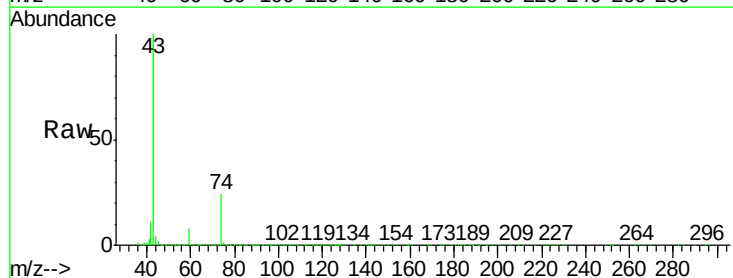
Acq: 25 Feb 2019 11:08

Tgt Ion: 43 Resp: 204675

Ion Ratio Lower Upper

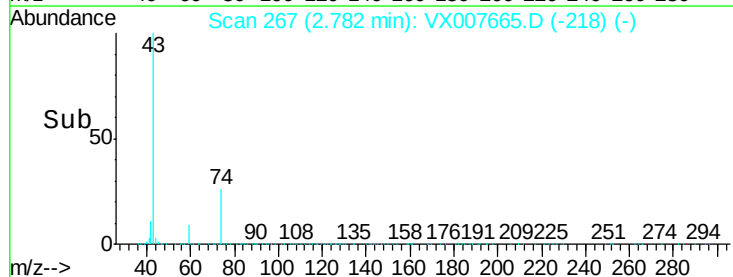
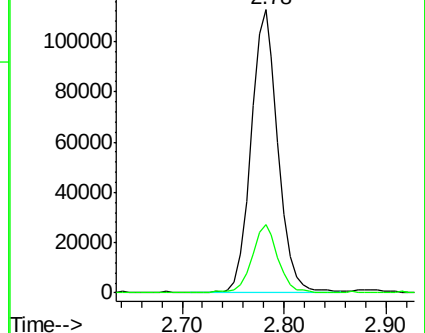
43 100

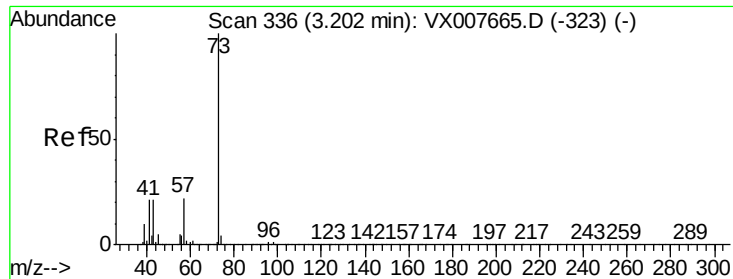
74 23.5 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

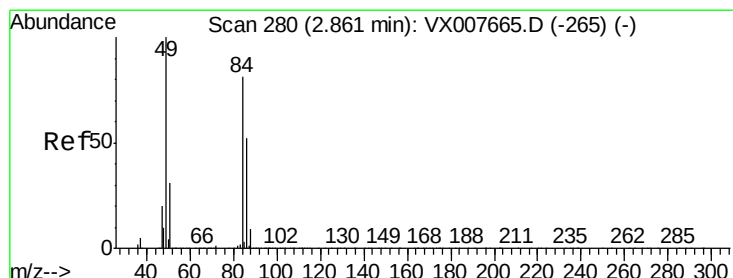
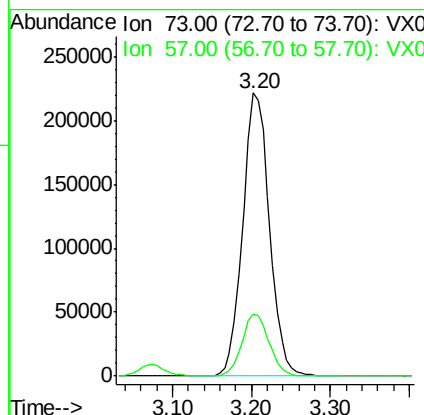
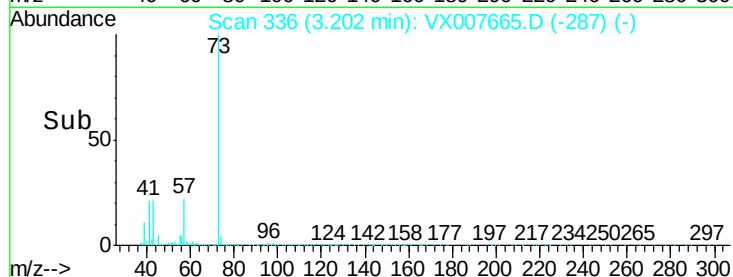
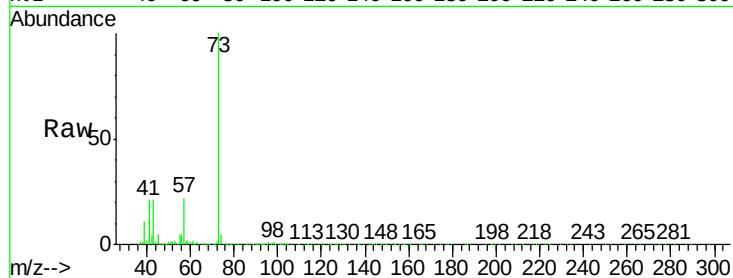




#19
Methyl tert-butyl Ether
Concen: 49.425 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX007665.D
Acq: 25 Feb 2019 11:08

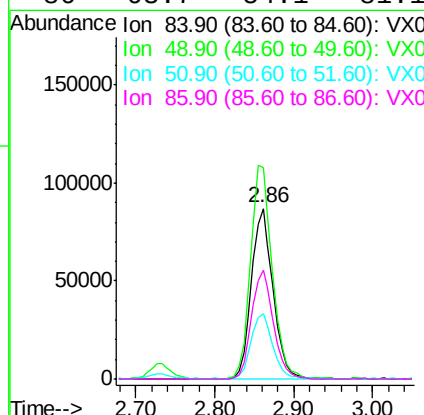
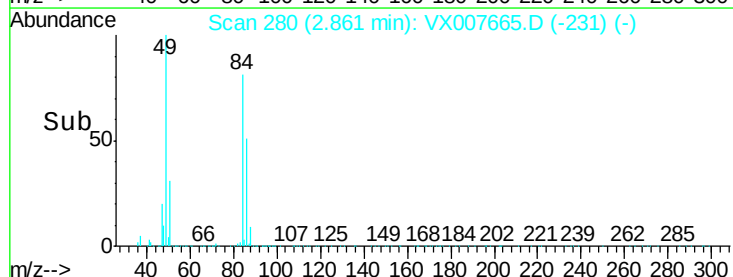
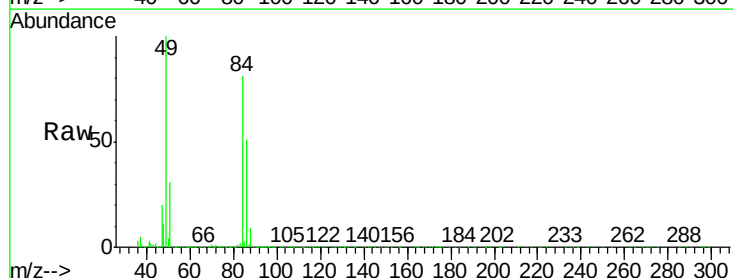
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

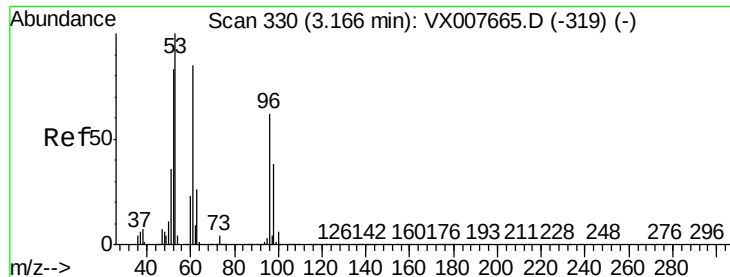
Tot Ion: 73 Resp: 521840
Ion Ratio Lower Upper
73 100
57 22.0 17.8 26.8



#20
Methylene Chloride
Concen: 47.125 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007665.D
Acq: 25 Feb 2019 11:08

Tgt Ion: 84 Resp: 166142
Ion Ratio Lower Upper
84 100
49 123.7 94.8 142.2
51 38.3 29.8 44.8
86 63.7 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 49.627 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

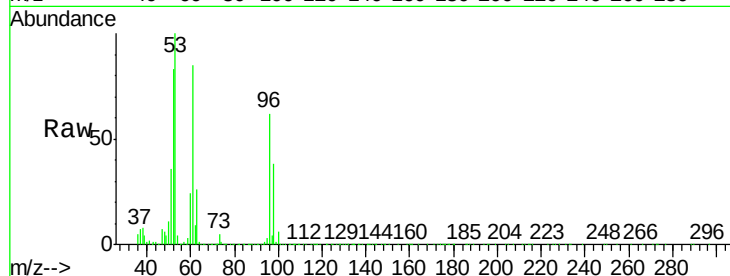
Tot Ion: 96 Resp: 163577

Ion Ratio Lower Upper

96 100

61 136.9 104.6 156.8

98 61.3 51.0 76.4

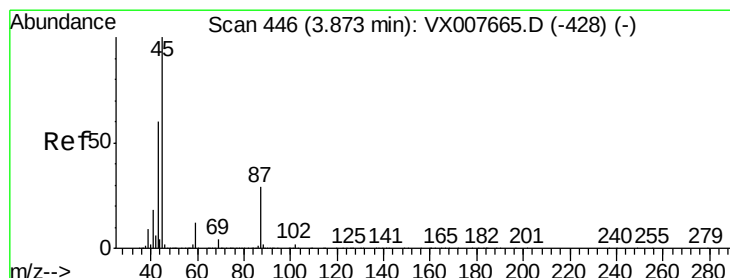
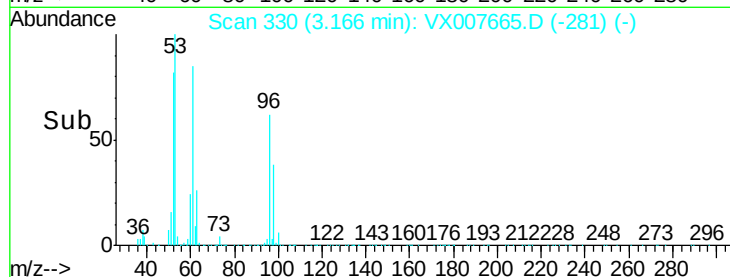
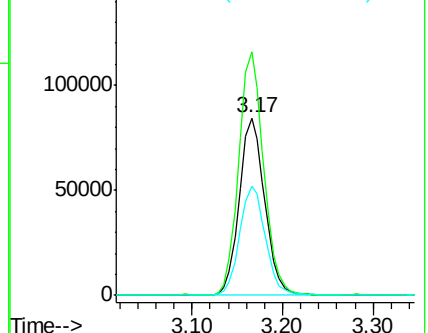


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 50.540 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

Tgt Ion: 45 Resp: 589812

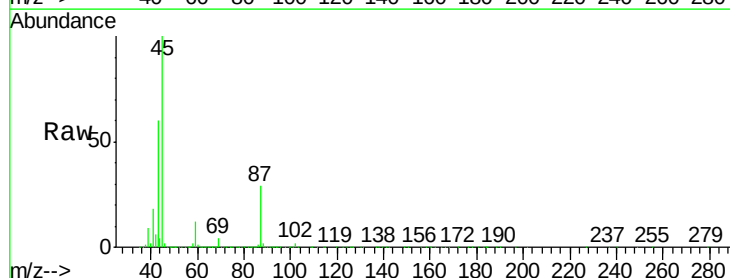
Ion Ratio Lower Upper

45 100

43 60.2 48.9 73.3

87 29.1 23.9 35.9

59 11.5 9.6 14.4



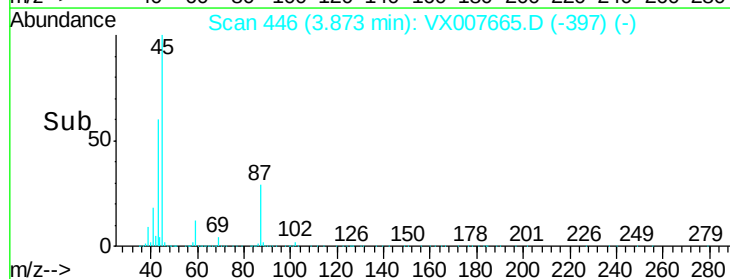
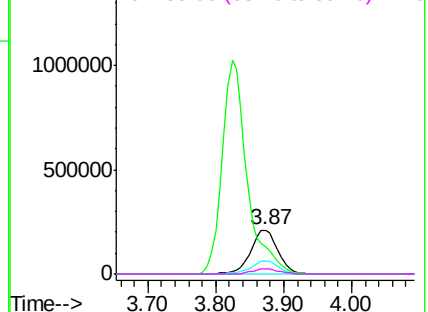
Abundance

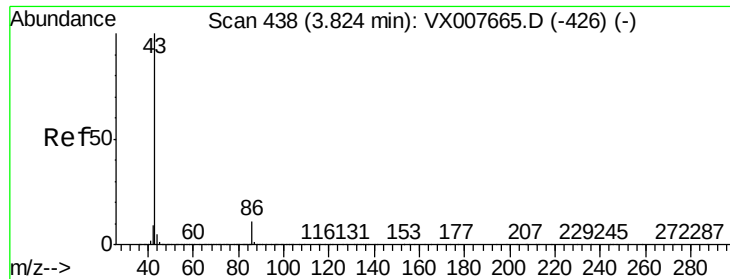
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 254.801 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

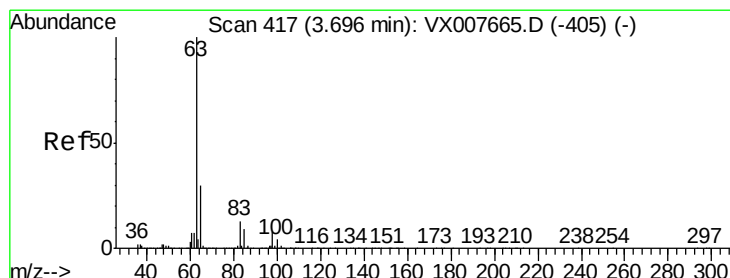
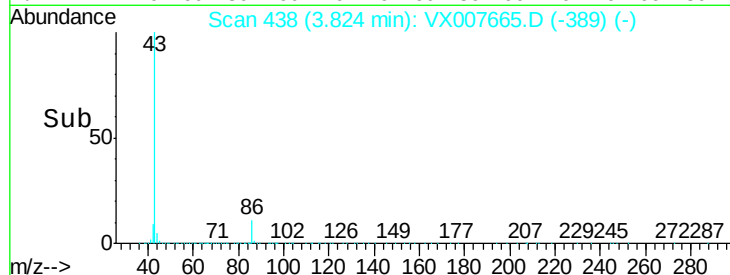
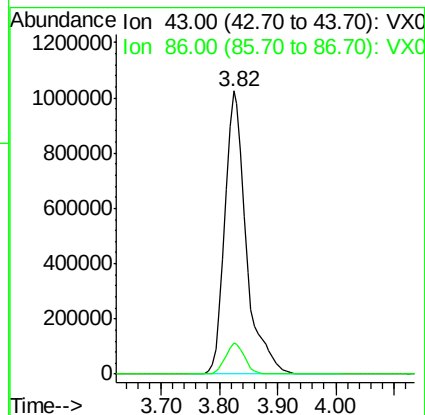
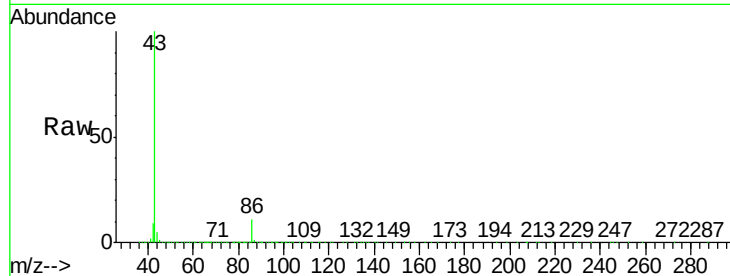
VSTDICCC050

Tot Ion: 43 Resp: 2608905

Ion Ratio Lower Upper

43 100

86 10.8 8.7 13.1



#24

1,1-Dichloroethane

Concen: 49.558 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

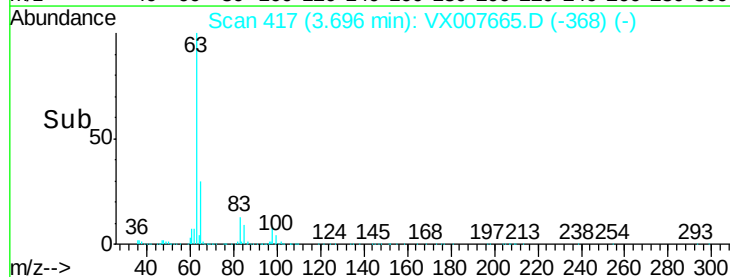
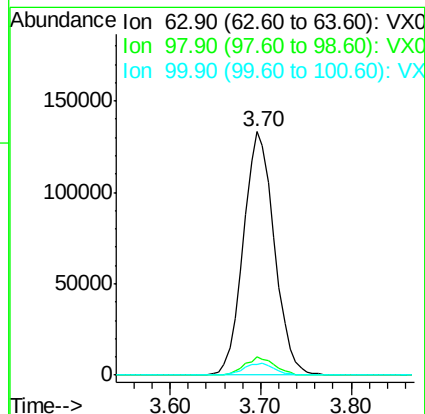
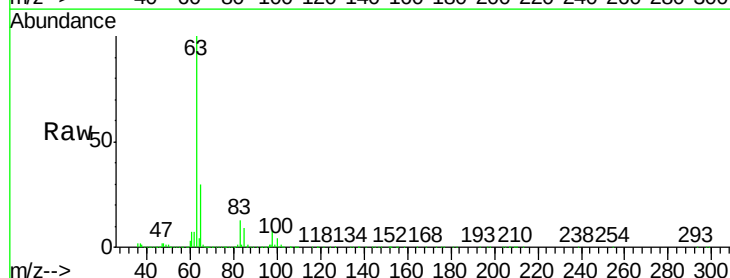
Tgt Ion: 63 Resp: 314322

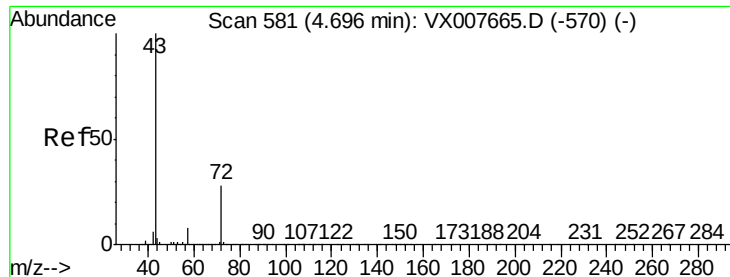
Ion Ratio Lower Upper

63 100

98 7.6 3.6 10.8

100 4.4 2.5 7.4





#25

2-Butanone

Concen: 251.758 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

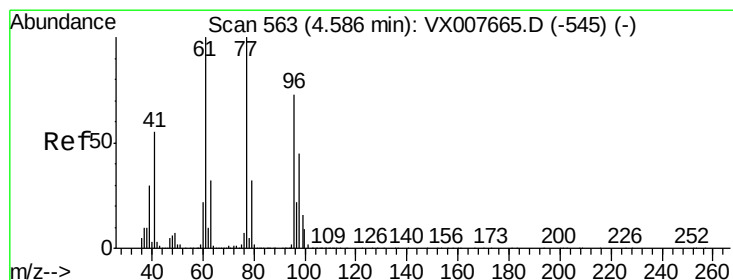
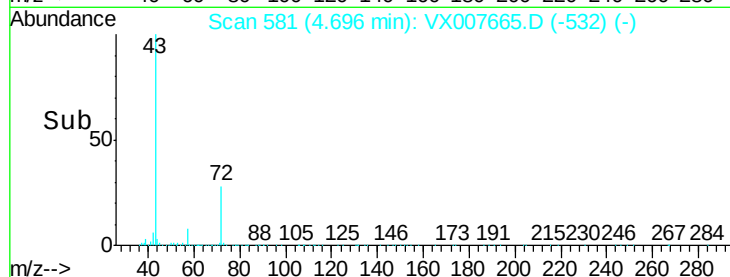
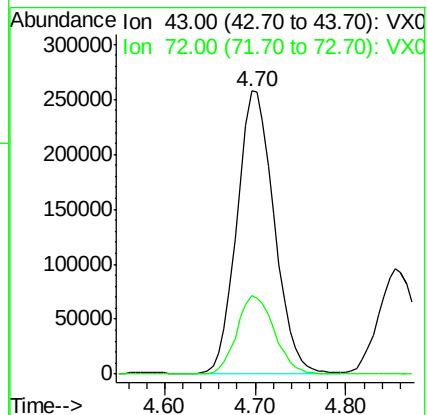
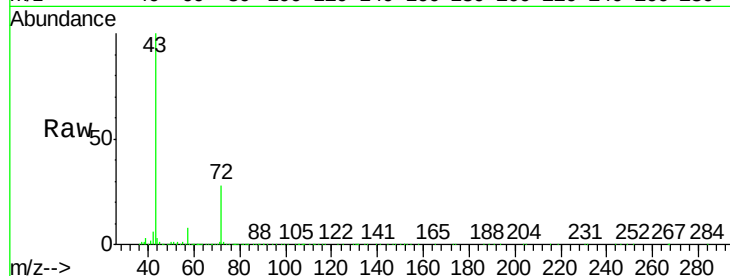
VSTDICCC050

Tot Ion: 43 Resp: 732210

Ion Ratio Lower Upper

43 100

72 27.5 22.2 33.2



#26

2,2-Dichloropropane

Concen: 49.534 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX007665.D

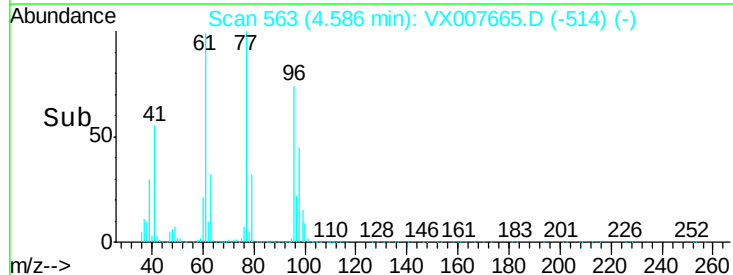
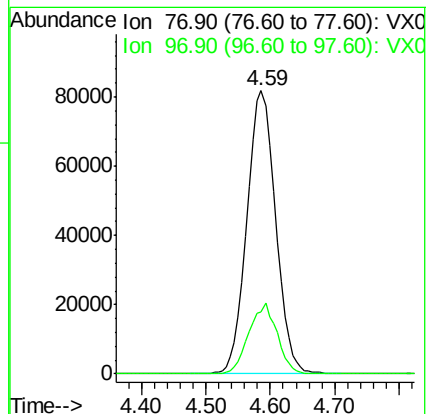
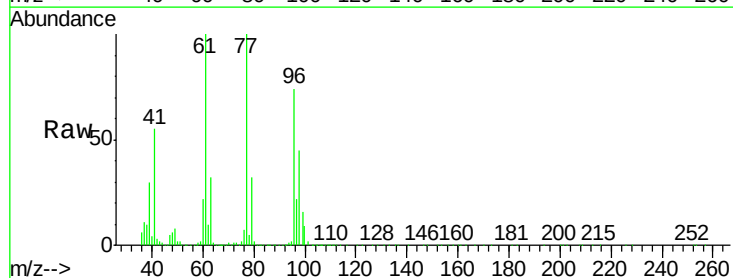
Acq: 25 Feb 2019 11:08

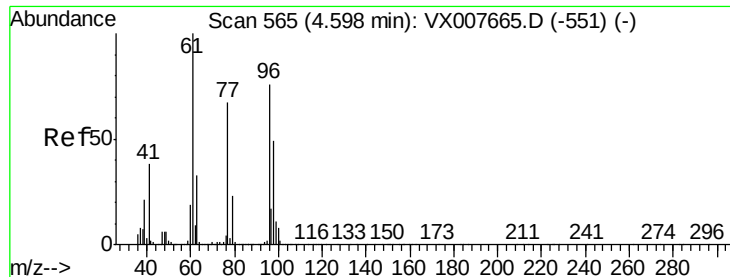
Tgt Ion: 77 Resp: 250782

Ion Ratio Lower Upper

77 100

97 24.6 12.1 36.3



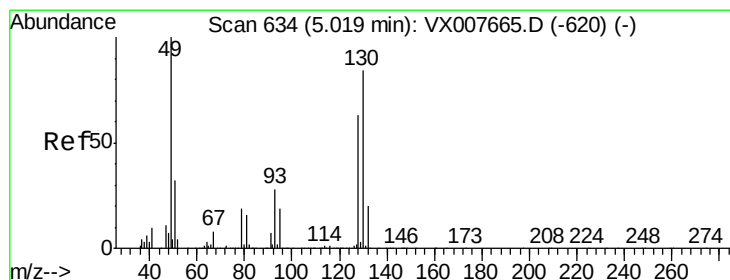
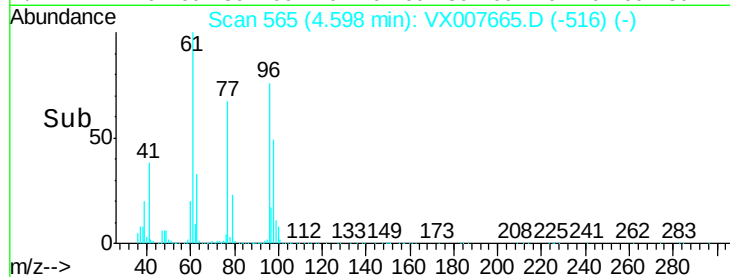
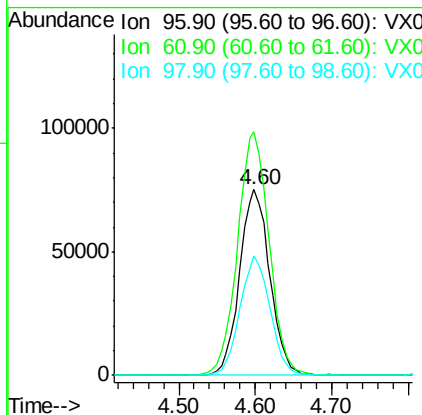
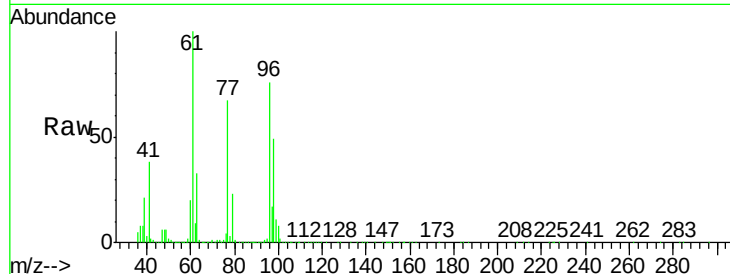


#27

cis-1,2-Dichloroethene
Concen: 49.041 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007665.D
Acq: 25 Feb 2019 11:08

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

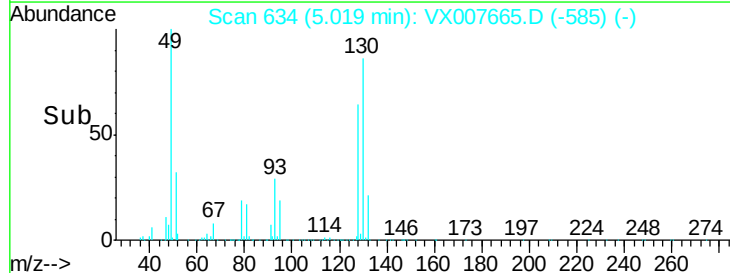
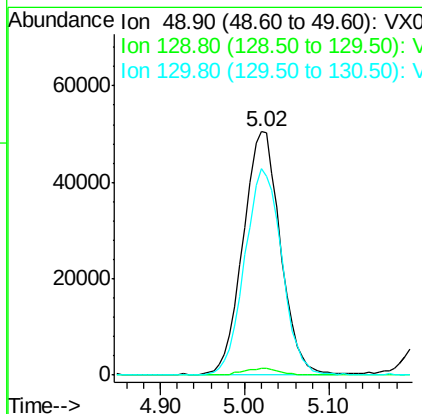
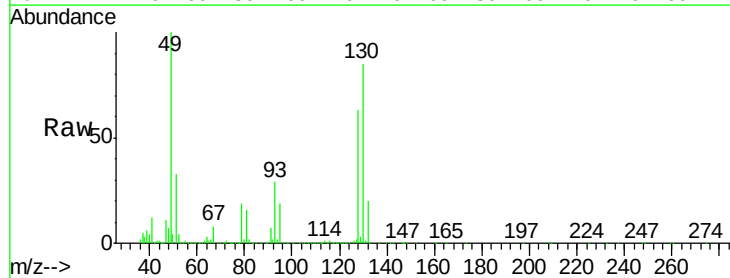
Tot Ion	Ratio	Lower	Upper
96	100		
61	137.3	0.0	265.6
98	64.1	0.0	131.6

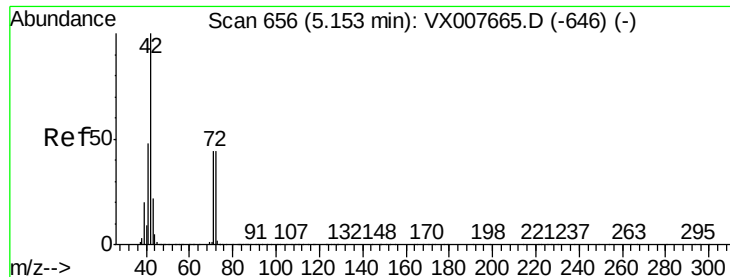


#28

Bromochloromethane
Concen: 49.421 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX007665.D
Acq: 25 Feb 2019 11:08

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.6
130	84.2	75.6	113.4





#29

Tetrahydrofuran

Concen: 250.571 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

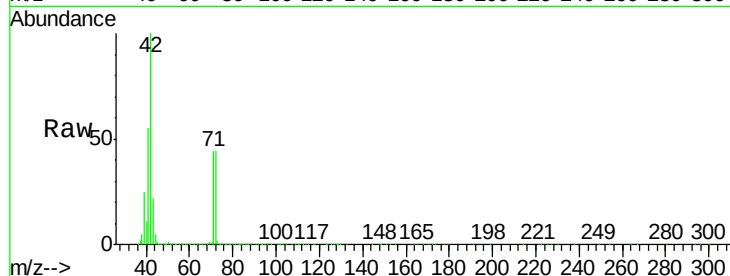
Tot Ion: 42 Resp: 480378

Ion Ratio Lower Upper

42 100

72 45.8 37.6 56.4

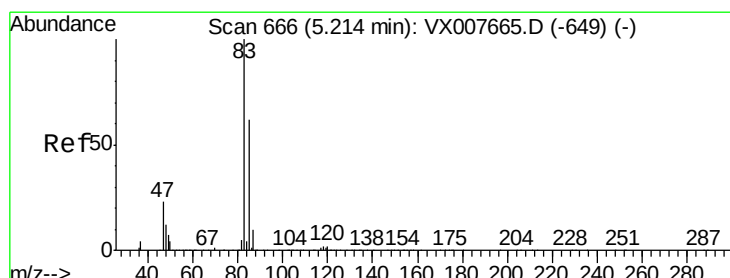
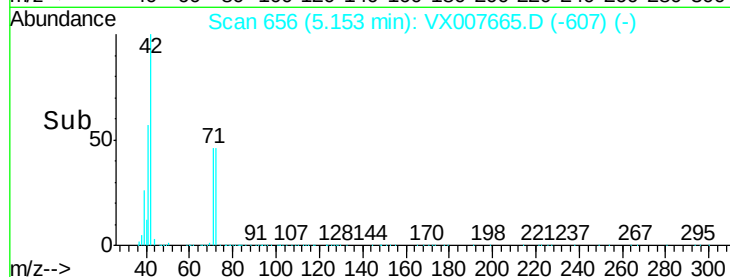
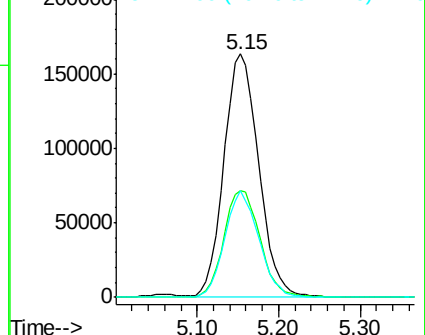
71 42.9 34.6 51.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 49.515 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX007665.D

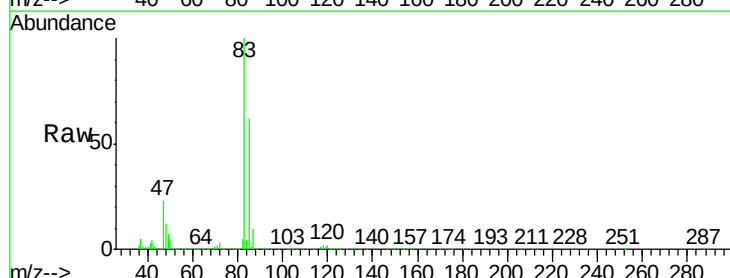
Acq: 25 Feb 2019 11:08

Tgt Ion: 83 Resp: 336401

Ion Ratio Lower Upper

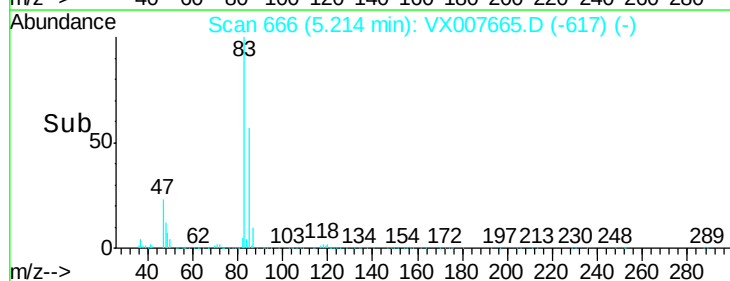
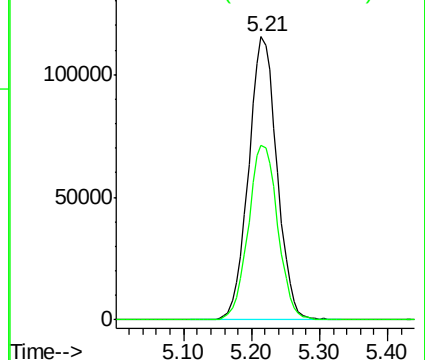
83 100

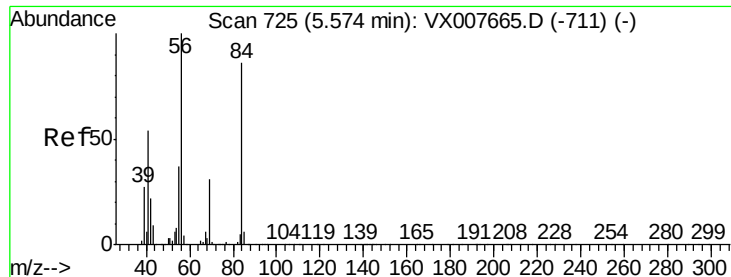
85 61.7 51.6 77.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

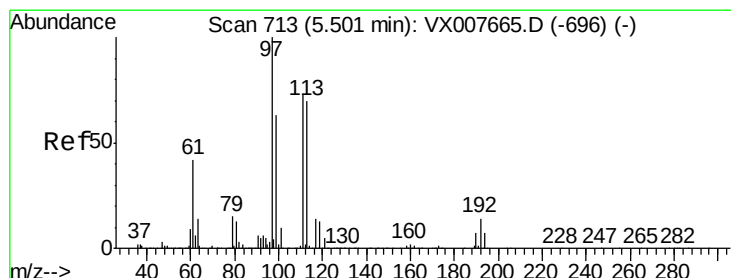
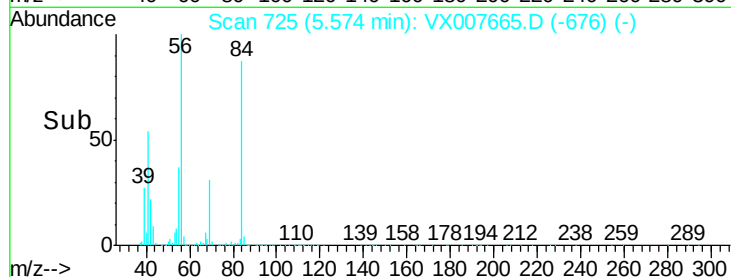
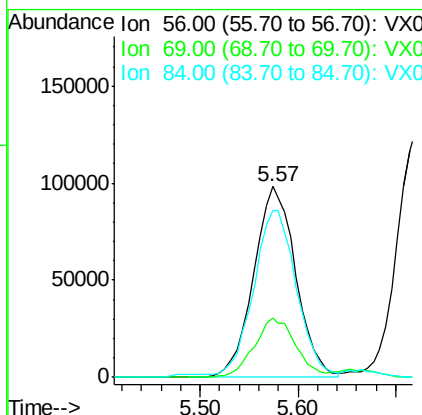
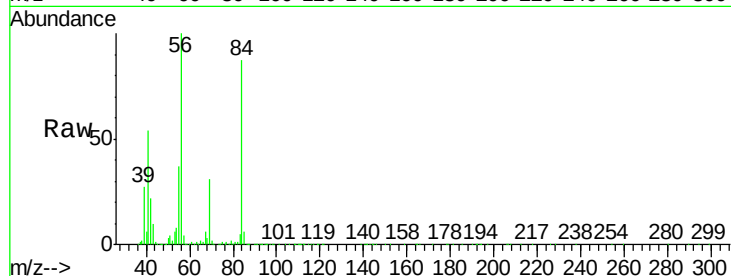




#31
Cyclohexane
Concen: 48.916 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX007665.D
Acq: 25 Feb 2019 11:08

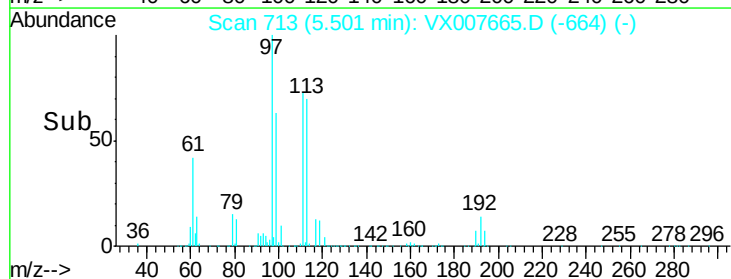
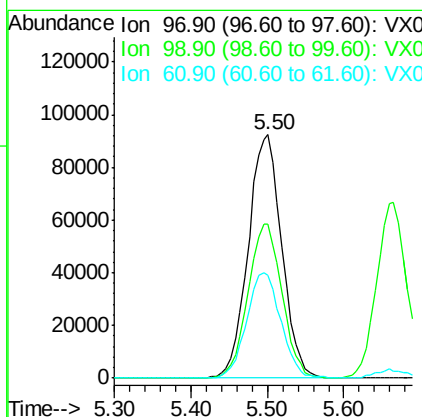
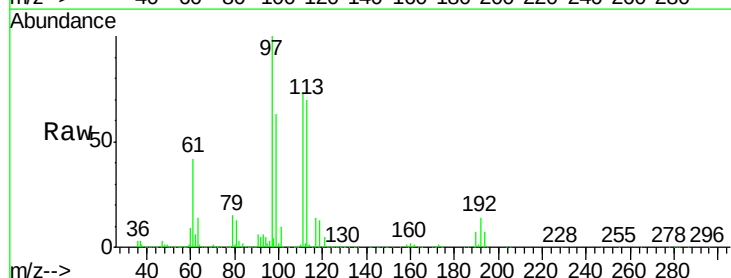
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

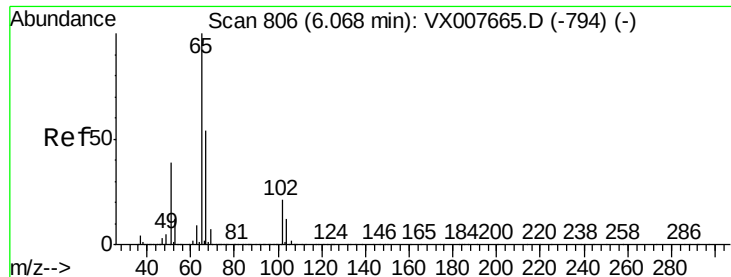
Tot Ion: 56 Resp: 291834
Ion Ratio Lower Upper
56 100
69 31.4 23.0 34.6
84 86.0 69.8 104.6



#32
1,1,1-Trichloroethane
Concen: 50.213 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX007665.D
Acq: 25 Feb 2019 11:08

Tgt Ion: 97 Resp: 282133
Ion Ratio Lower Upper
97 100
99 64.2 52.2 78.2
61 43.9 32.7 49.1

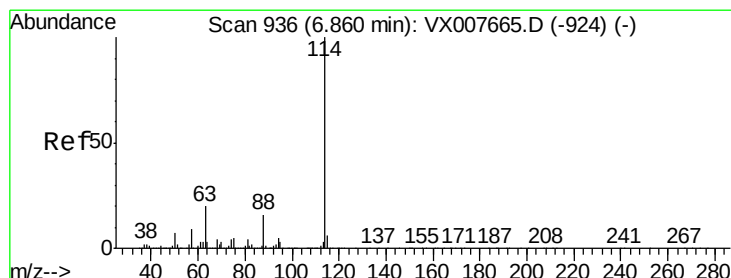
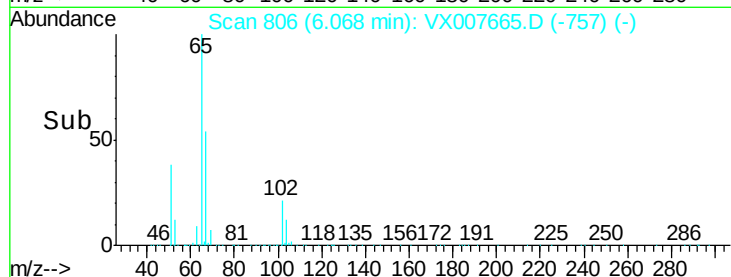
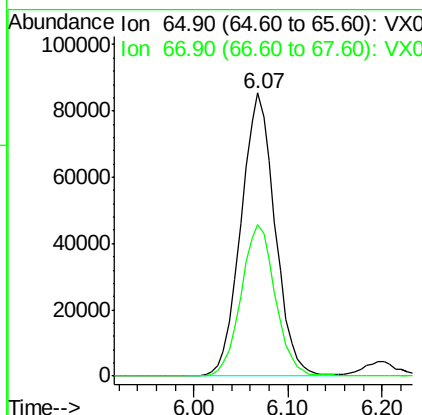
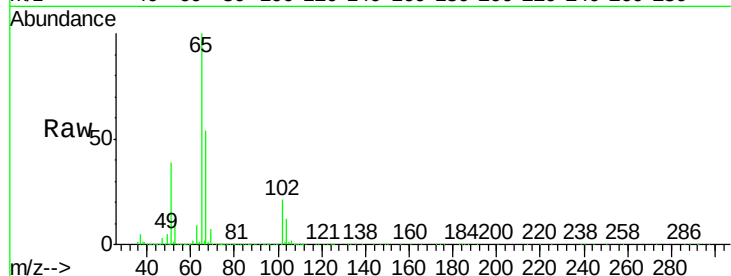




#33
 1,2-Dichloroethane-d4
 Concen: 50.187 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007665.D
 Acq: 25 Feb 2019 11:08

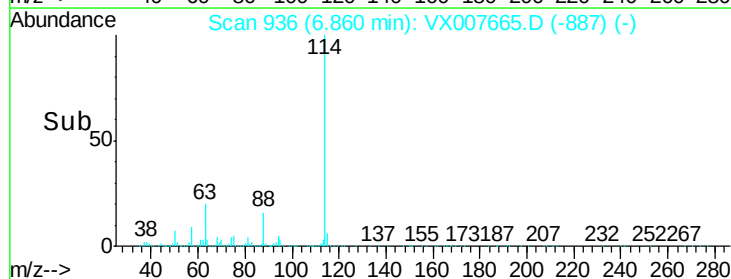
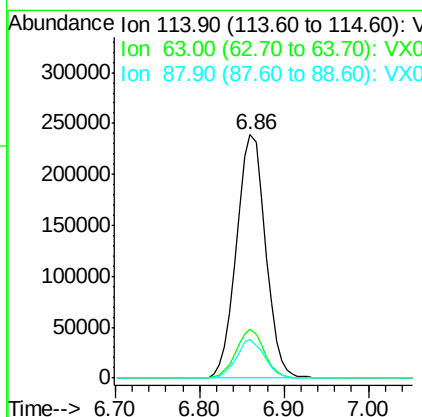
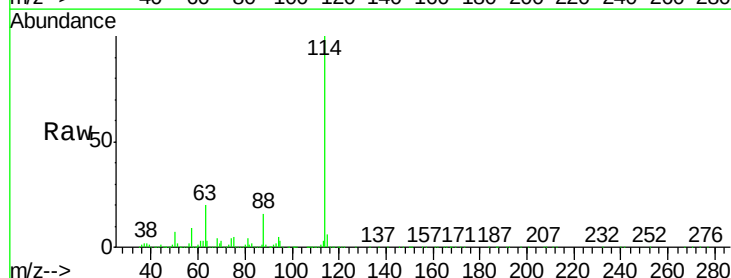
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

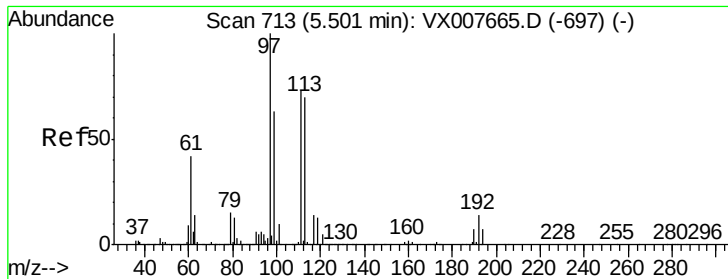
Tot Ion: 65 Resp: 215478
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007665.D
 Acq: 25 Feb 2019 11:08

Tgt Ion: 114 Resp: 555363
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 35.6
 88 15.7 0.0 29.6





#35

Dibromofluoromethane

Concen: 50.265 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

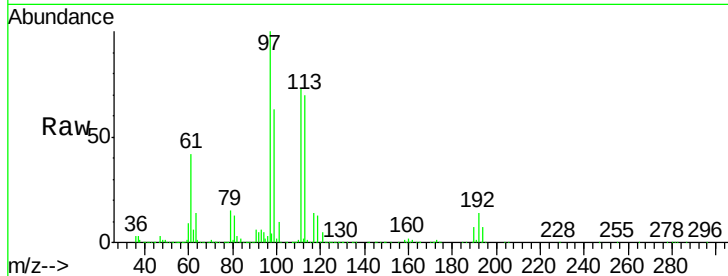
Tot Ion:113 Resp: 186606

Ion Ratio Lower Upper

113 100

111 103.3 81.8 122.8

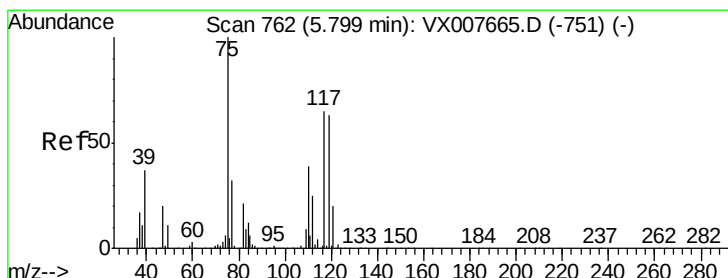
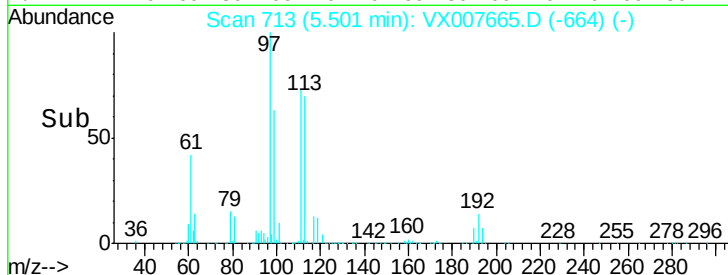
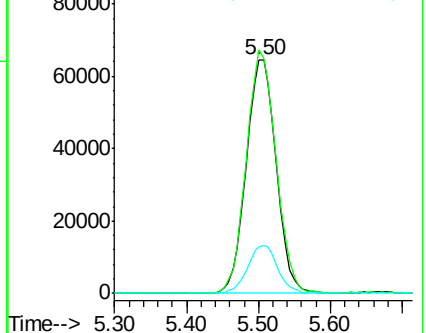
192 20.7 18.5 27.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.900 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

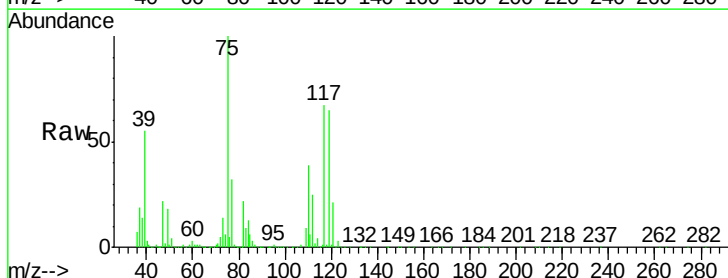
Tgt Ion: 75 Resp: 244152

Ion Ratio Lower Upper

75 100

110 38.3 20.0 59.9

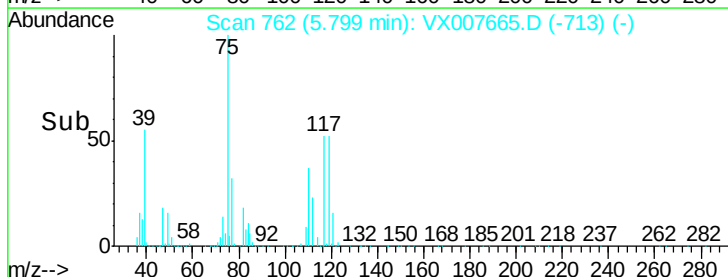
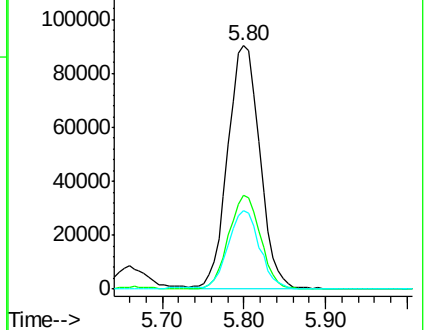
77 31.6 24.7 37.1

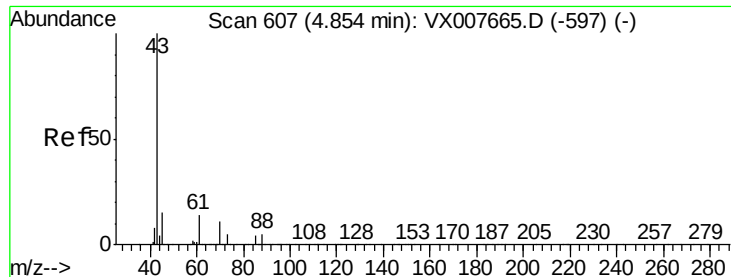


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

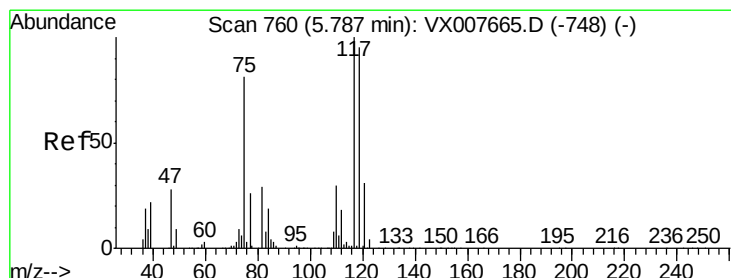
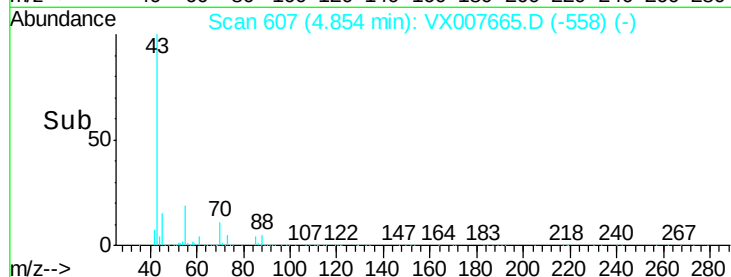
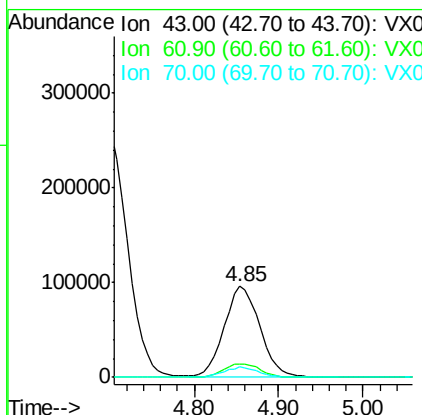
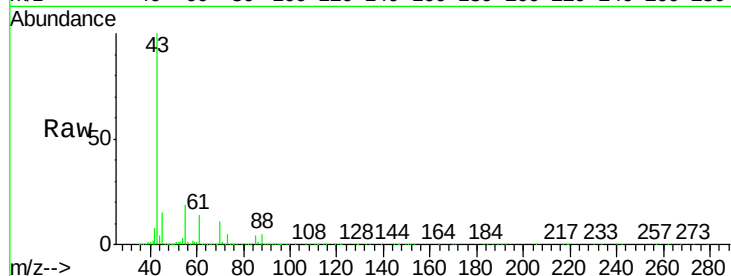




#37
Ethyl Acetate
Concen: 49.860 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX007665.D
Acq: 25 Feb 2019 11:08

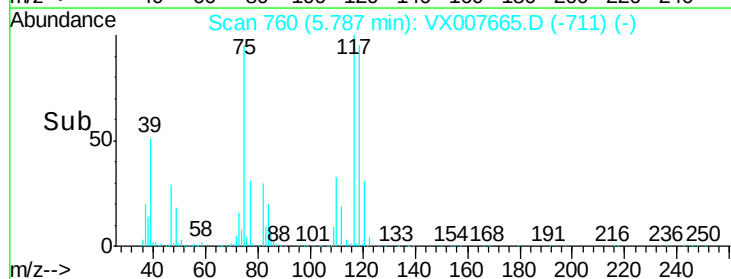
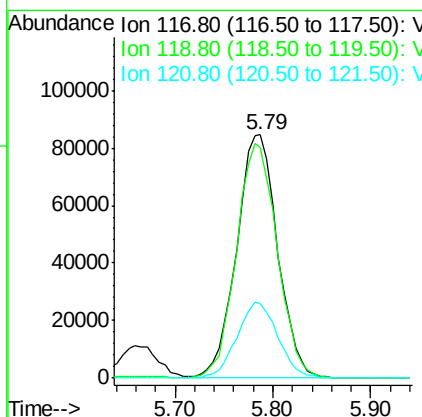
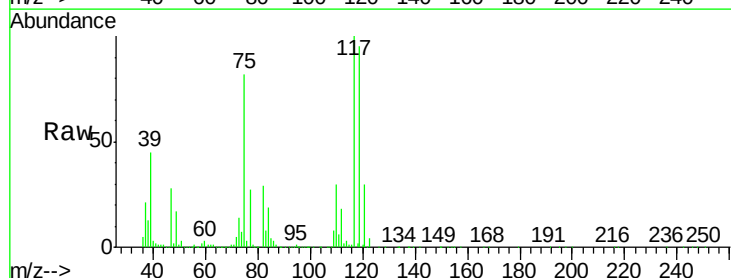
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

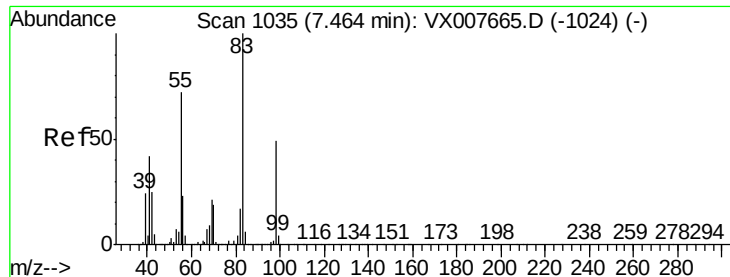
Tot Ion	43	Resp	276537
Ion Ratio	Lower	Upper	
43	100		
61	15.0	11.3	16.9
70	10.8	8.6	13.0



#38
Carbon Tetrachloride
Concen: 48.749 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX007665.D
Acq: 25 Feb 2019 11:08

Tgt Ion	117	Resp	244497
Ion Ratio	Lower	Upper	
117	100		
119	94.7	75.3	112.9
121	30.5	25.0	37.4

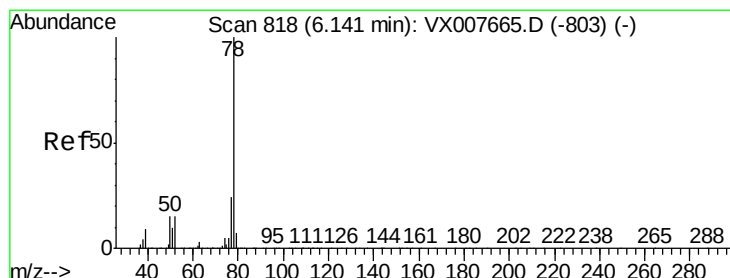
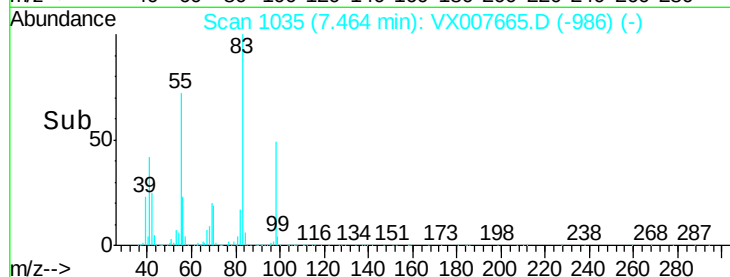
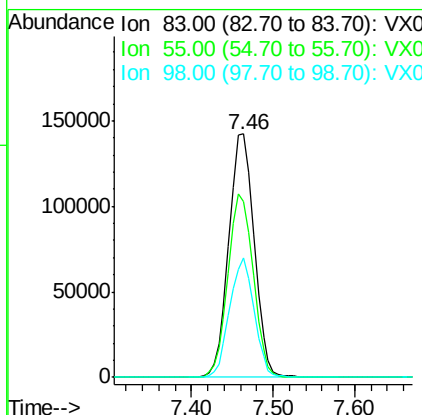
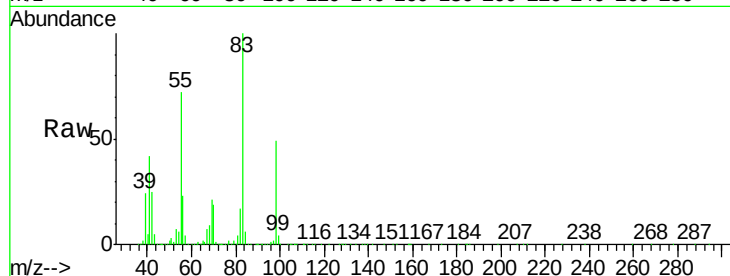




#39
Methylvlcyclohexane
Concen: 48.557 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX007665.D
Acq: 25 Feb 2019 11:08

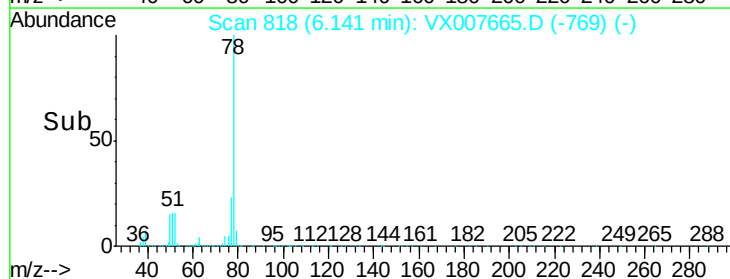
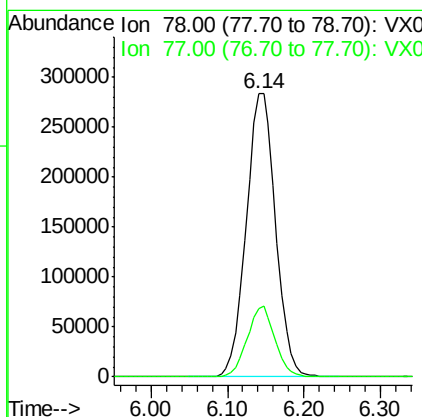
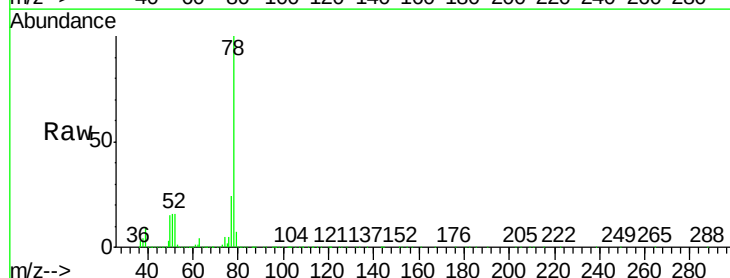
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

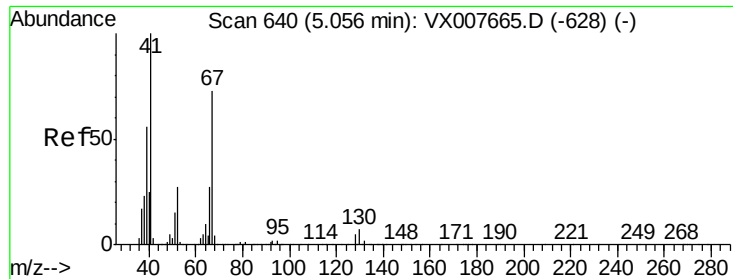
Tot Ion	83.00	Resp	306409
Ion Ratio	Lower	Upper	
83	100		
55	71.9	56.2	84.2
98	48.8	36.8	55.2



#40
Benzene
Concen: 49.099 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007665.D
Acq: 25 Feb 2019 11:08

Tgt Ion	78.00	Resp	756751
Ion Ratio	Lower	Upper	
78	100		
77	24.2	19.3	28.9

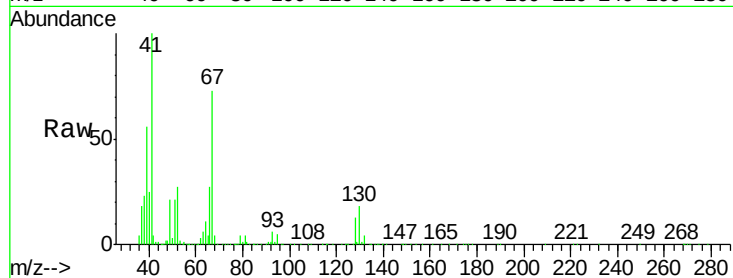




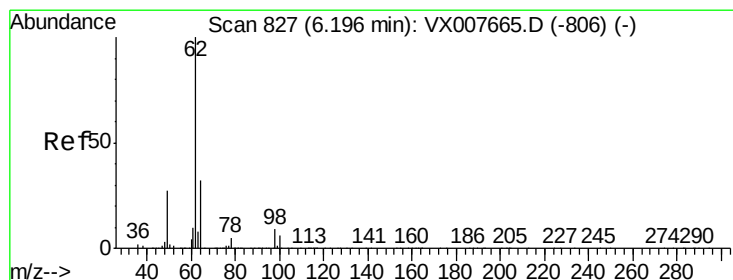
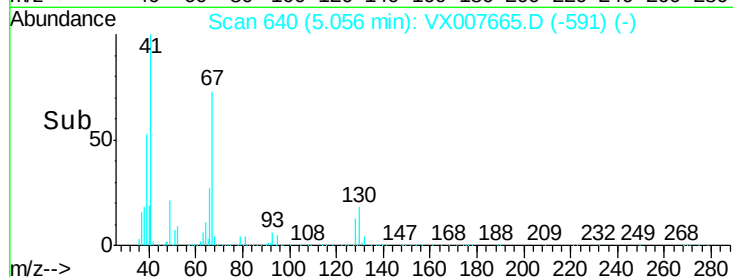
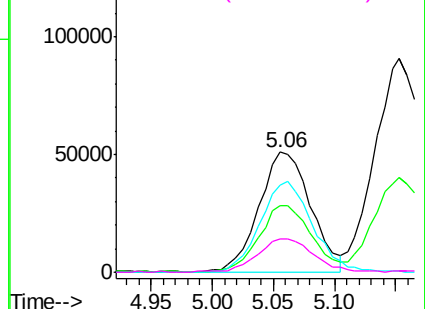
#41
Methacrylonitrile
Concen: 50.419 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.00 min
Lab File: VX007665.D
Acq: 25 Feb 2019 11:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion:	41	Resp:	149324
Ion	Ratio	Lower	Upper
41	100		
39	55.4	44.5	66.7
67	75.9	60.4	90.6
52	29.7	24.1	36.1

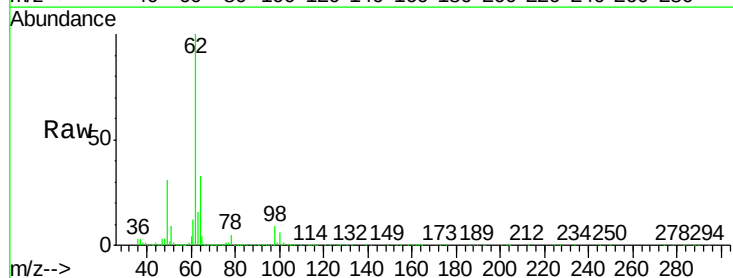


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

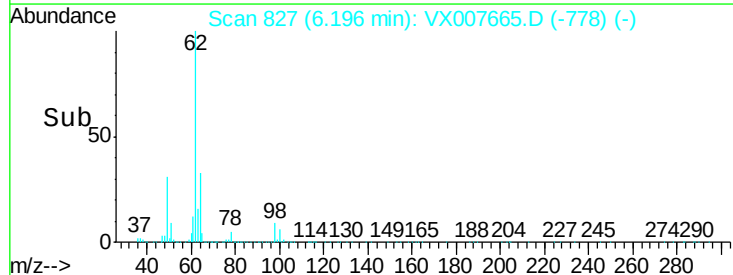
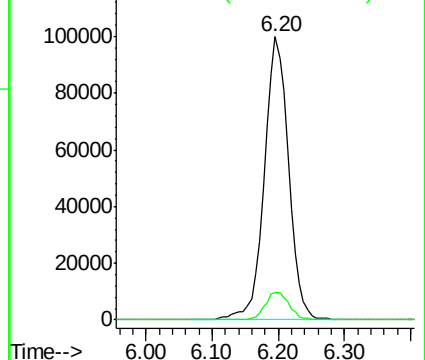


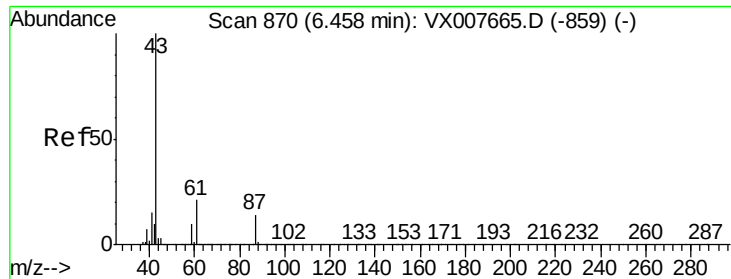
#42
1,2-Dichloroethane
Concen: 49.173 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX007665.D
Acq: 25 Feb 2019 11:08

Tgt Ion:	62	Resp:	254737
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.0



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





#43

Isopropyl Acetate

Concen: 51.705 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

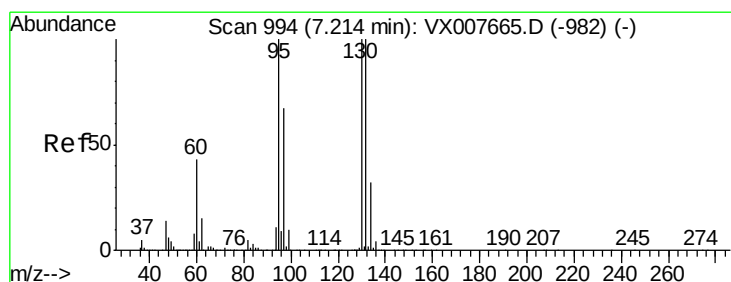
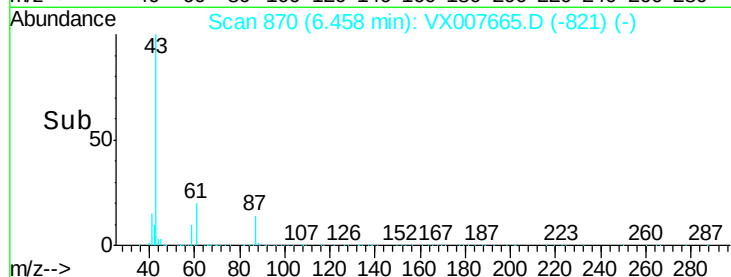
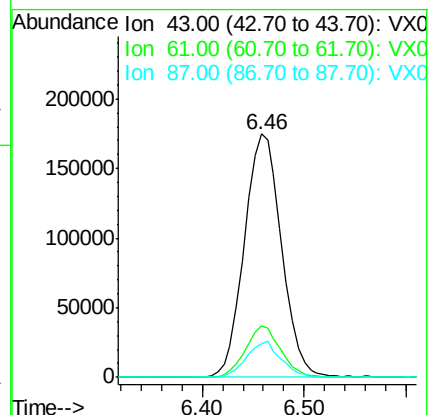
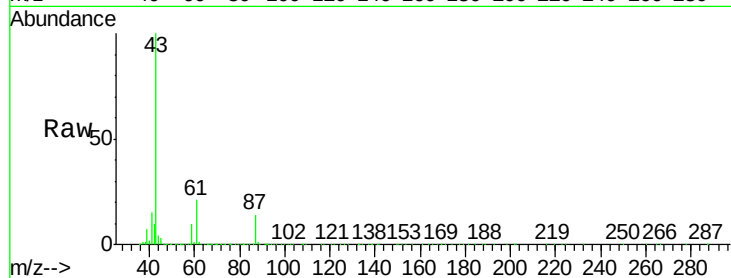
Tot Ion: 43 Resp: 441359

Ion Ratio Lower Upper

43 100

61 19.9 16.1 24.1

87 13.5 11.5 17.3



#44

Trichloroethene

Concen: 48.047 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX007665.D

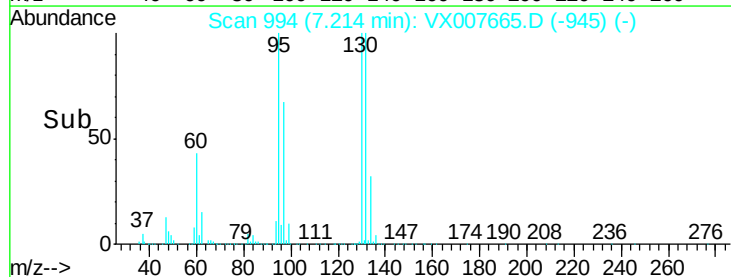
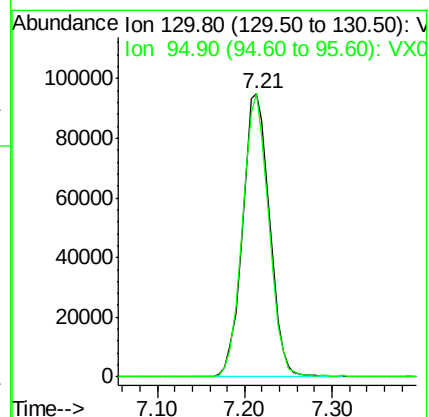
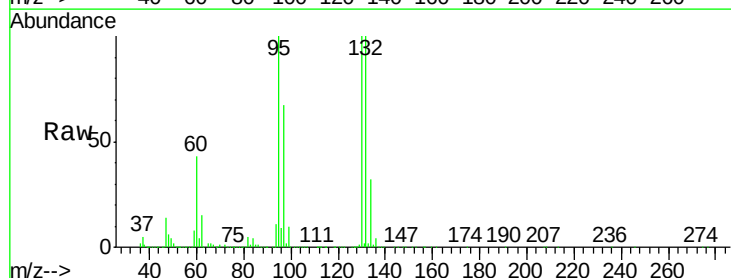
Acq: 25 Feb 2019 11:08

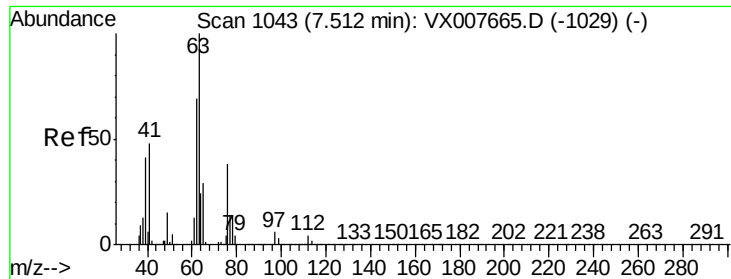
Tgt Ion:130 Resp: 203714

Ion Ratio Lower Upper

130 100

95 100.0 0.0 180.0

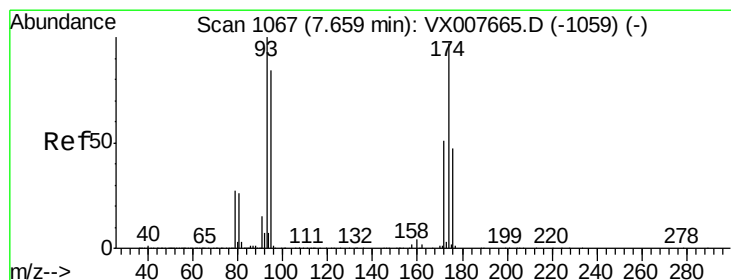
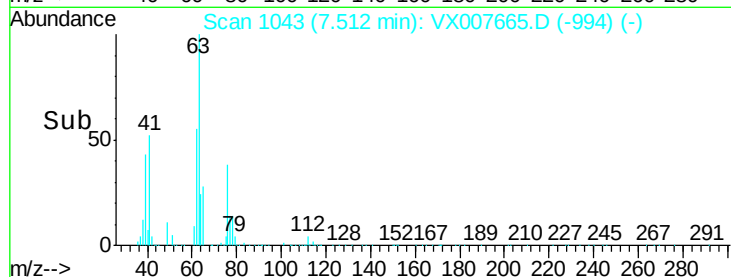
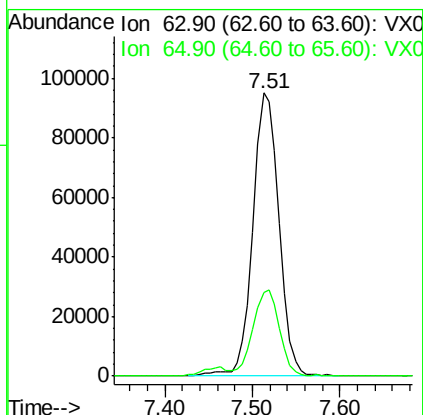
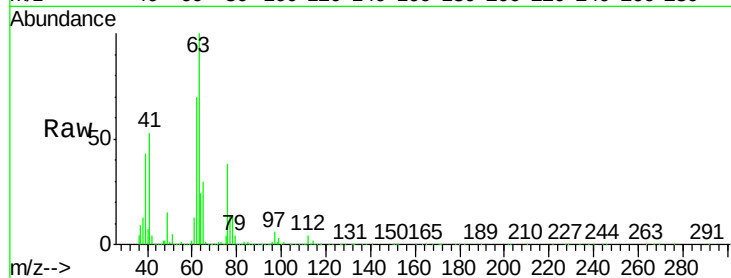




#45
 1,2-Dichloropropane
 Concen: 48.995 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX007665.D
 Acq: 25 Feb 2019 11:08

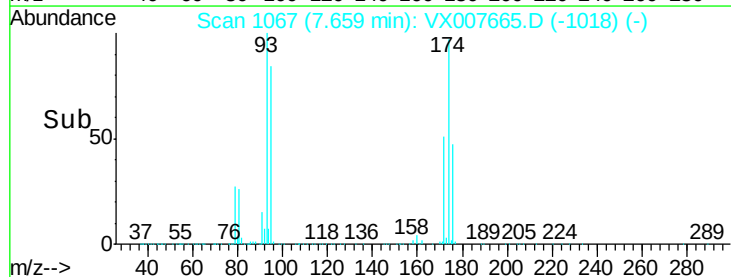
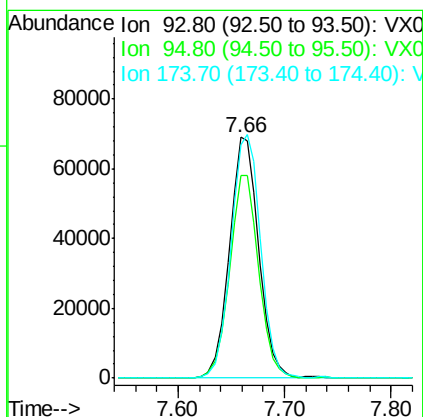
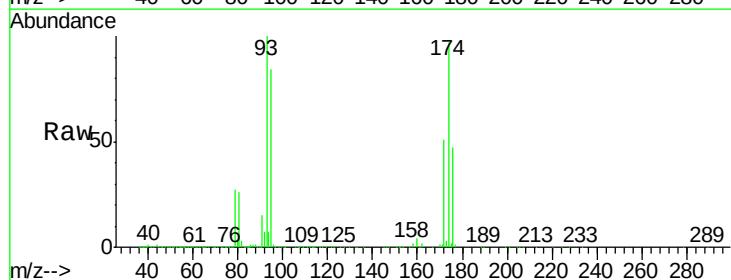
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

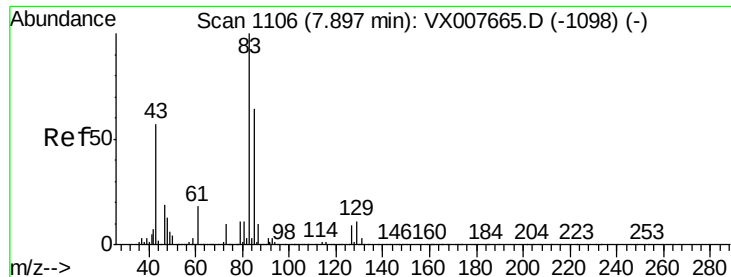
Tot Ion: 63 Resp: 195615
 Ion Ratio Lower Upper
 63 100
 65 29.4 24.2 36.2



#46
 Dibromomethane
 Concen: 47.562 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX007665.D
 Acq: 25 Feb 2019 11:08

Tgt Ion: 93 Resp: 132478
 Ion Ratio Lower Upper
 93 100
 95 83.6 67.6 101.4
 174 102.5 94.2 141.4





#47

Bromodichloromethane

Concen: 51.400 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

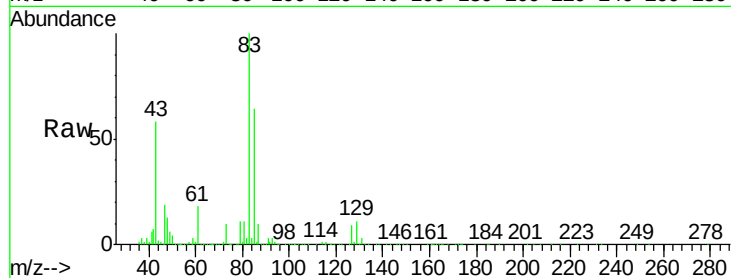
Tot Ion: 83 Resp: 248101

Ion Ratio Lower Upper

83 100

85 64.3 51.4 77.0

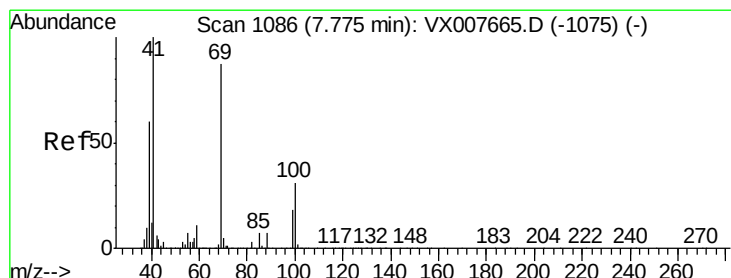
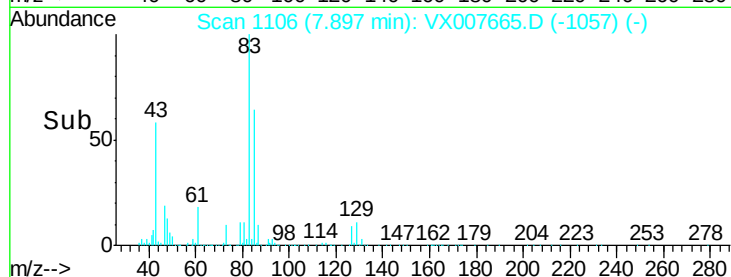
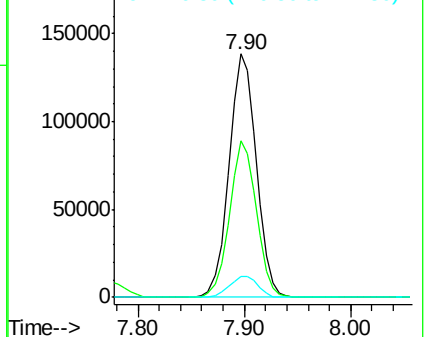
127 8.7 8.1 12.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 49.708 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

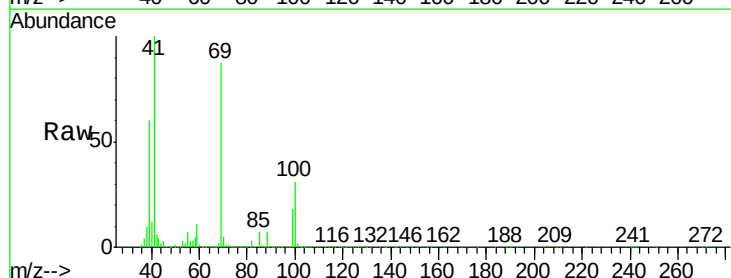
Tgt Ion: 41 Resp: 222419

Ion Ratio Lower Upper

41 100

69 86.8 70.2 105.4

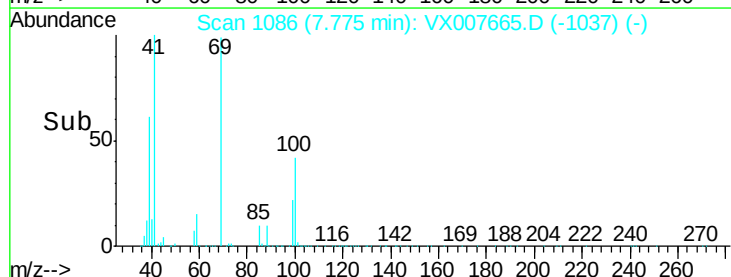
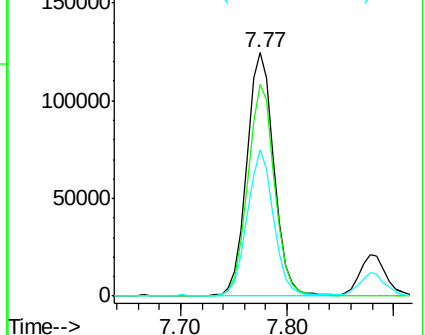
39 58.3 47.4 71.0

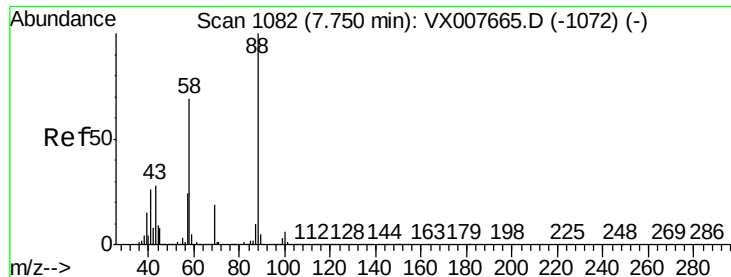


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 966.029 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

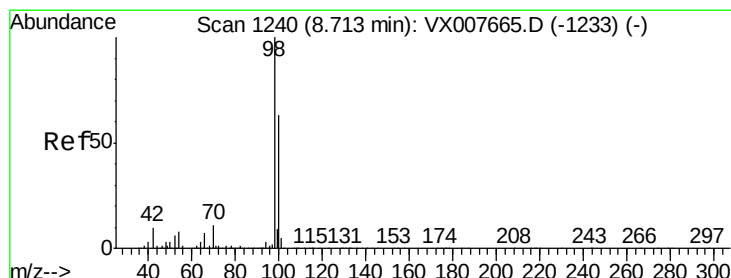
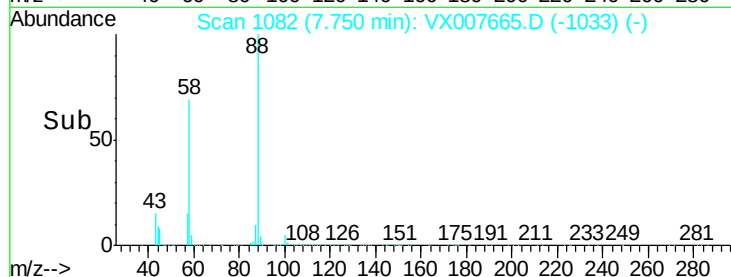
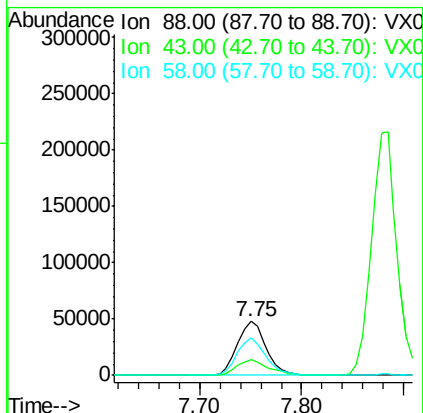
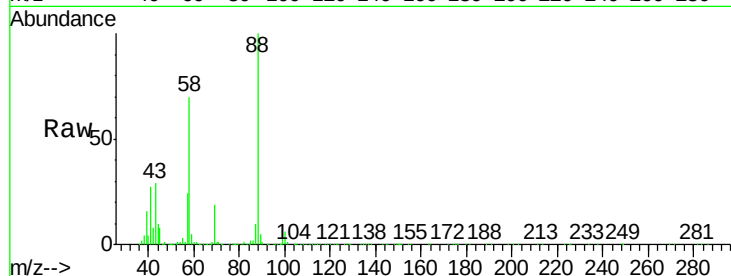
Tot Ion: 88 Resp: 93358

Ion Ratio Lower Upper

88 100

43 31.6 24.2 36.4

58 68.5 53.0 79.4



#50

Toluene-d8

Concen: 50.461 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007665.D

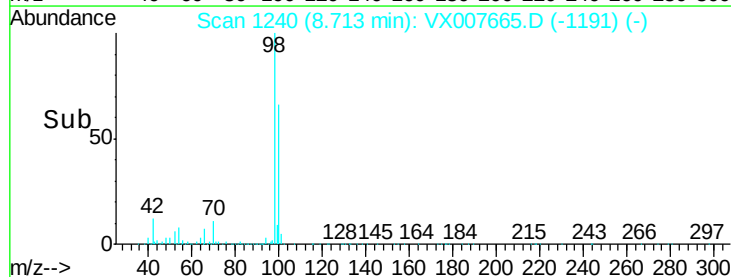
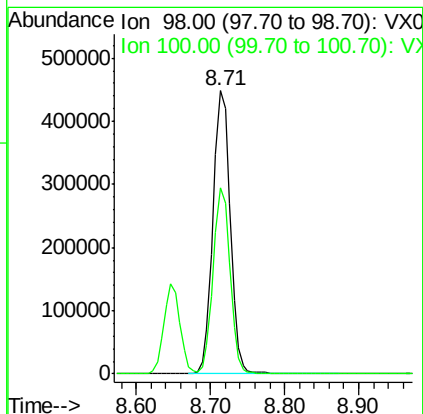
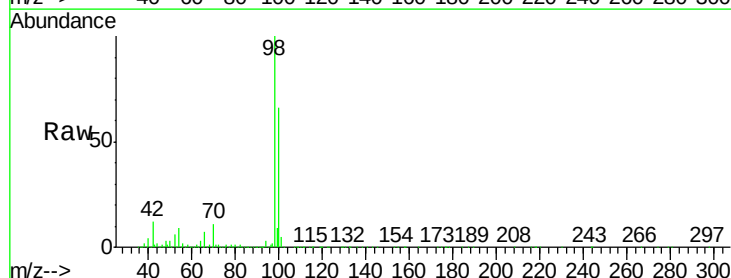
Acq: 25 Feb 2019 11:08

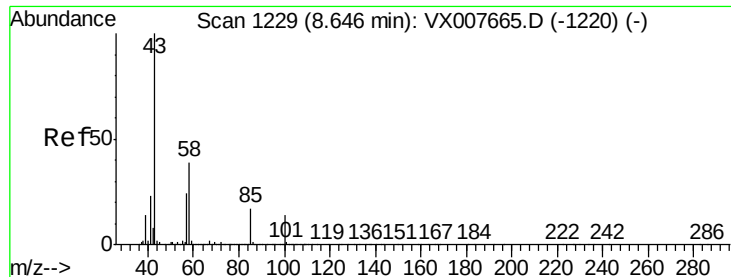
Tgt Ion: 98 Resp: 717182

Ion Ratio Lower Upper

98 100

100 64.2 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 255.812 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

Instrument :

MSVOA_X

ClientSampled :

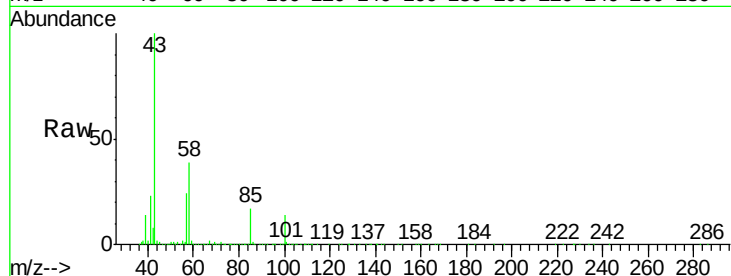
VSTDICCC050

Tot Ion: 43 Resp: 1461675

Ion Ratio Lower Upper

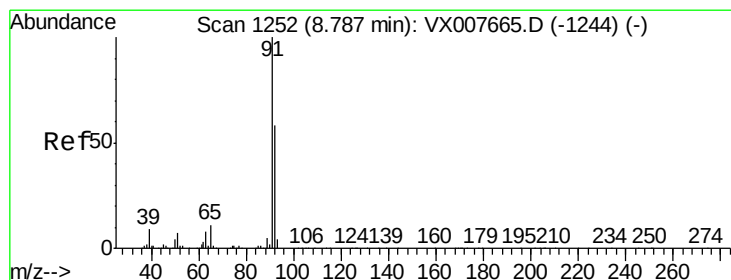
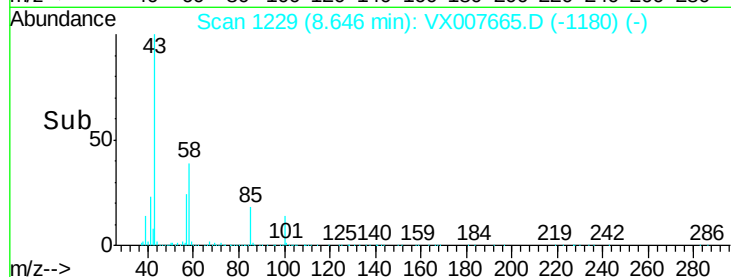
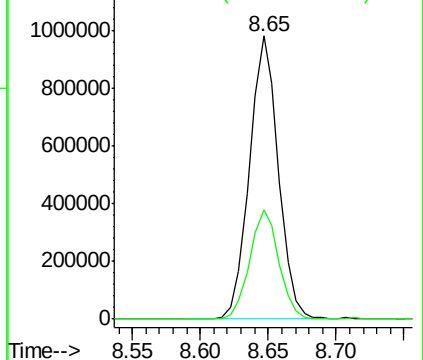
43 100

58 39.0 31.2 46.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.708 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX007665.D

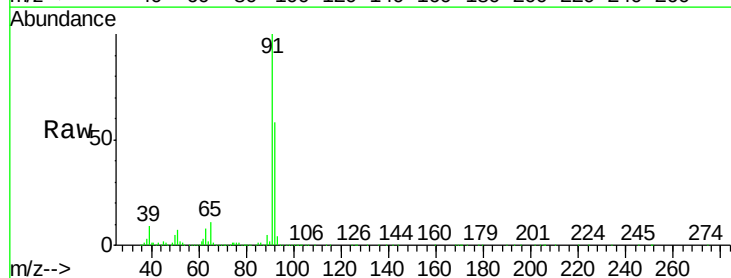
Acq: 25 Feb 2019 11:08

Tgt Ion: 92 Resp: 483114

Ion Ratio Lower Upper

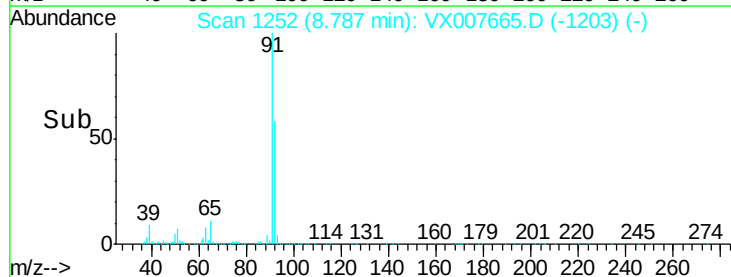
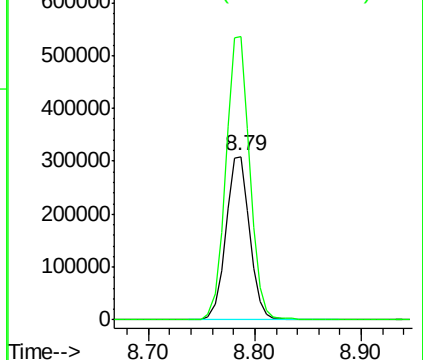
92 100

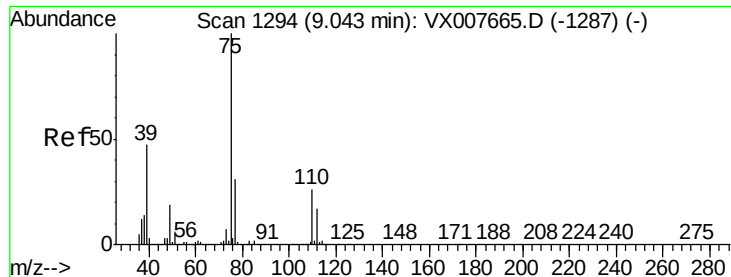
91 174.6 139.1 208.7



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: 53.250 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

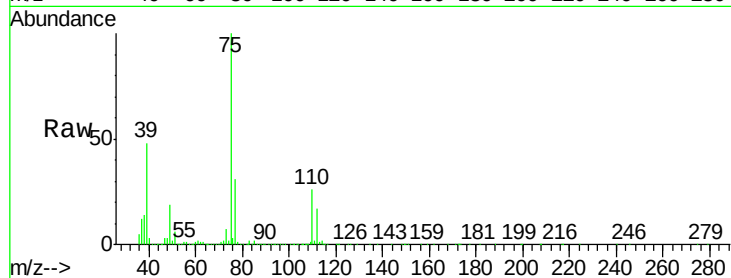
VSTDICCC050

Tot Ion: 75 Resp: 282037

Ion Ratio Lower Upper

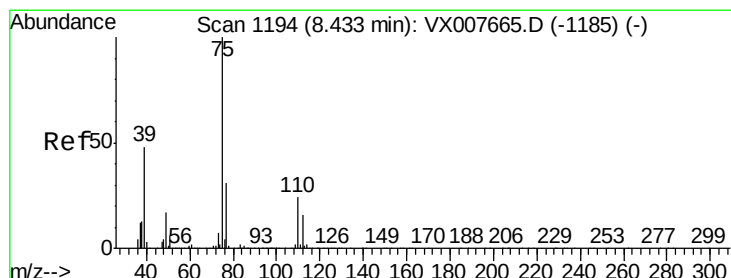
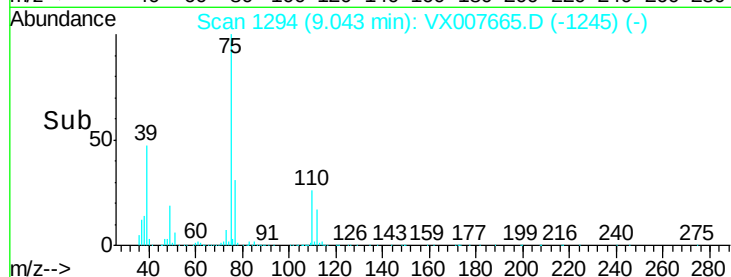
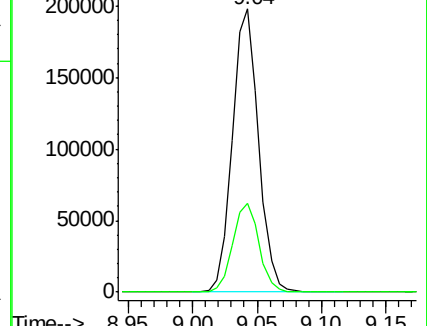
75 100

77 31.3 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 52.402 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

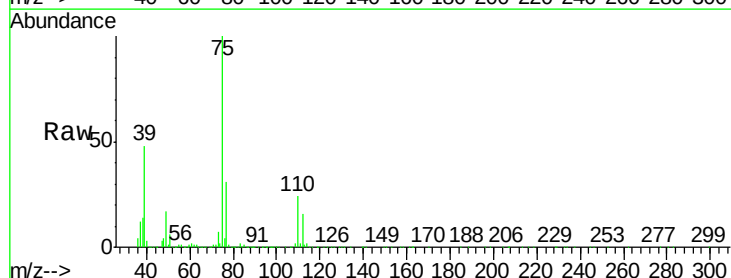
Tgt Ion: 75 Resp: 306952

Ion Ratio Lower Upper

75 100

77 30.9 26.2 39.4

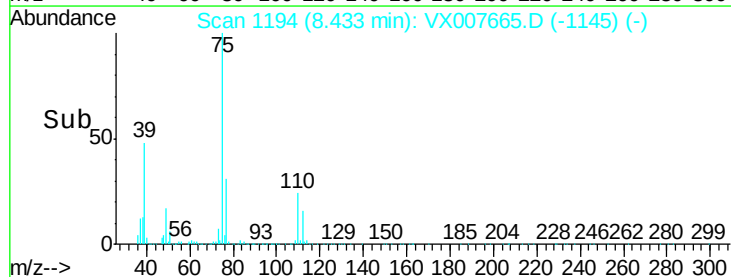
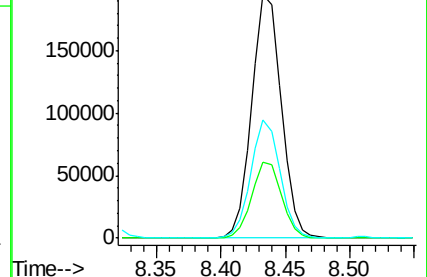
39 48.2 37.1 55.7

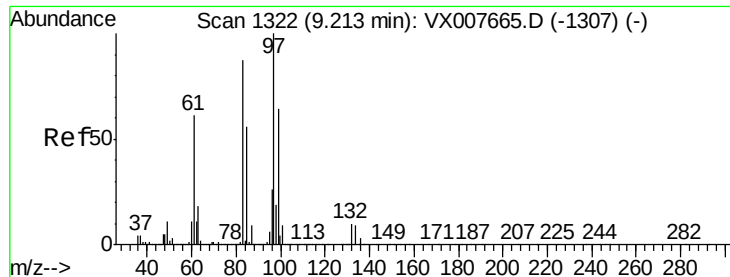


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 48.946 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 97 Resp: 198376

Ion	Ratio	Lower	Upper
97	100		
83	86.6	68.6	102.8
85	56.3	44.5	66.7
99	63.9	52.2	78.4

97 100

83 86.6 68.6 102.8

85 56.3 44.5 66.7

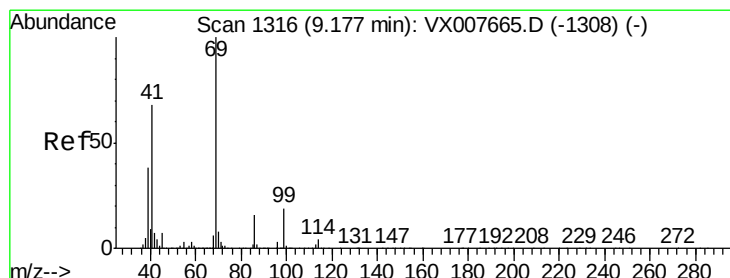
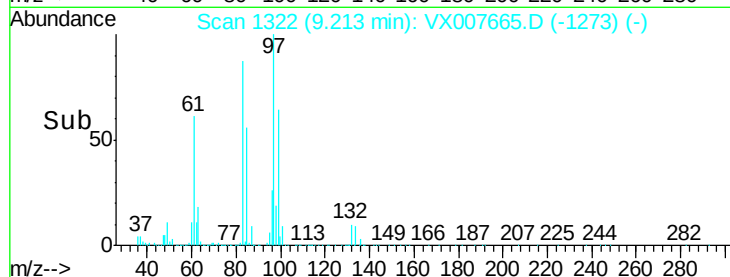
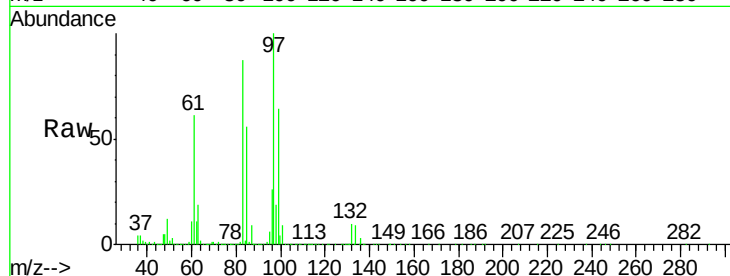
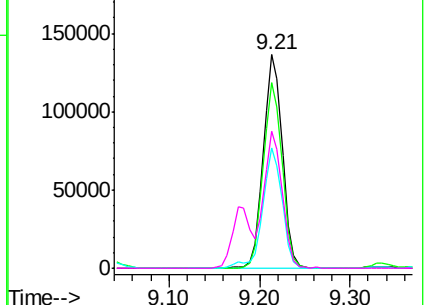
99 63.9 52.2 78.4

Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 51.406 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

Tgt Ion: 69 Resp: 296283

Ion	Ratio	Lower	Upper
69	100		
41	65.4	52.1	78.1
39	38.3	30.1	45.1

69 100

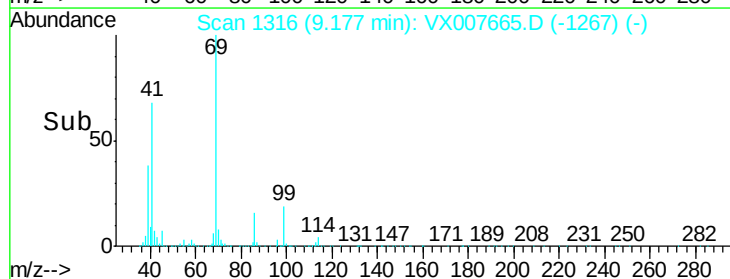
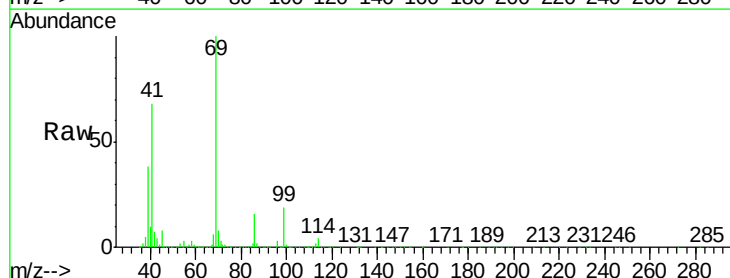
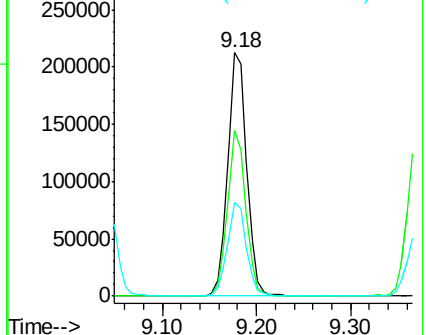
41 65.4 52.1 78.1

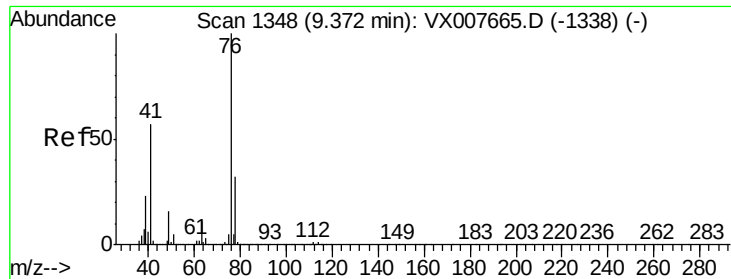
39 38.3 30.1 45.1

Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

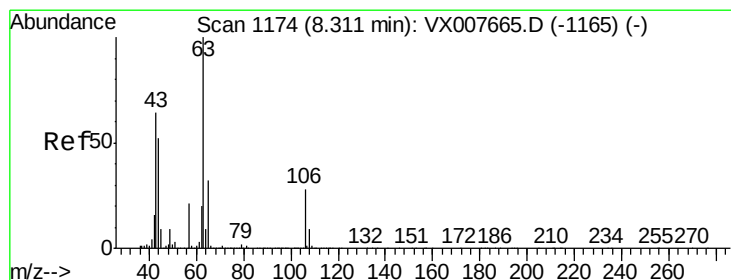
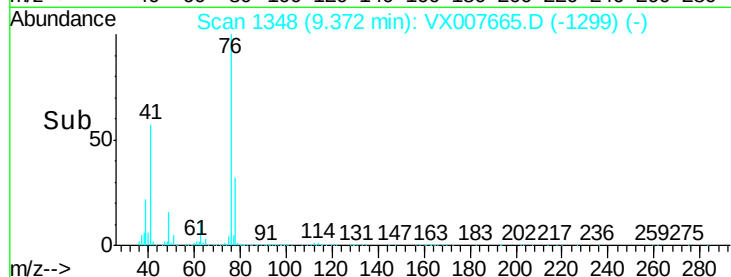
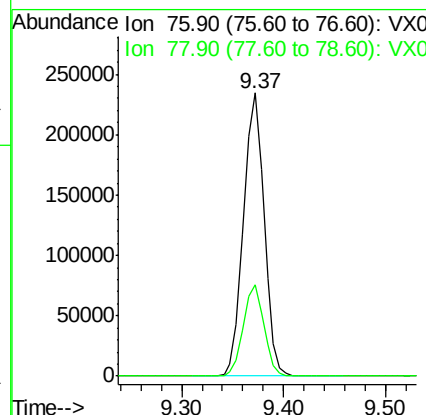
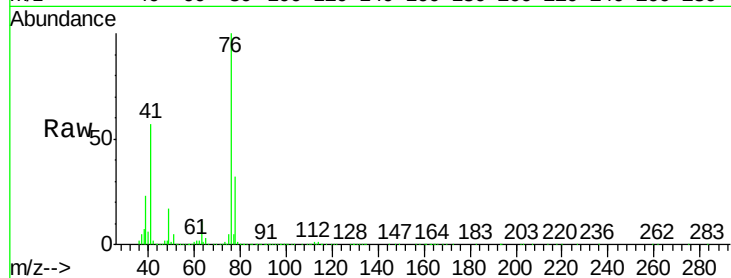




#57
 1,3-Dichloropropane
 Concen: 50.533 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX007665.D
 Acq: 25 Feb 2019 11:08

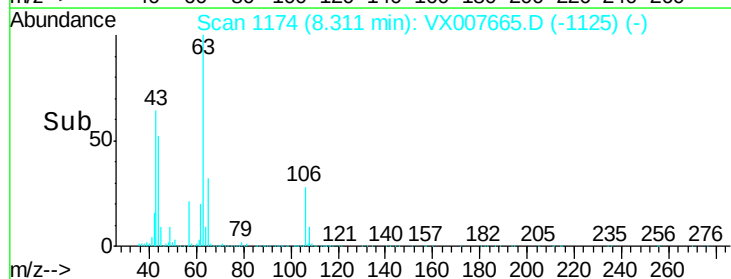
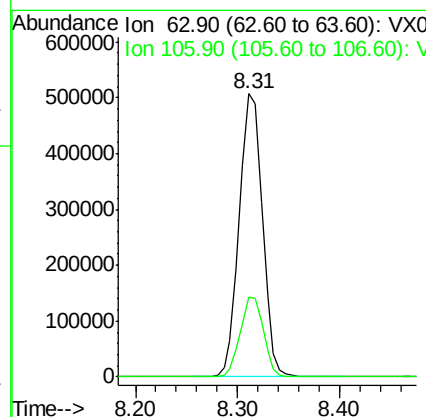
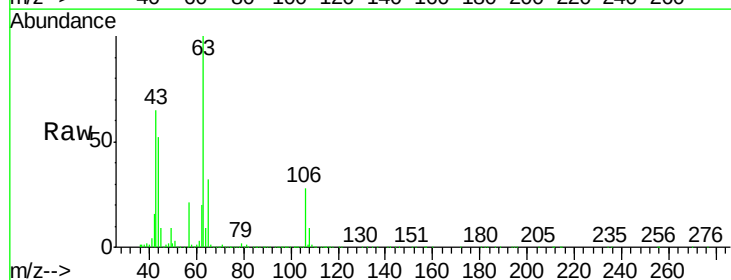
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

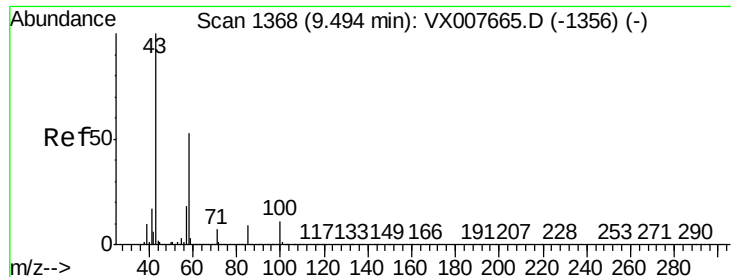
Tot Ion: 76 Resp: 327845
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 250.516 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX007665.D
 Acq: 25 Feb 2019 11:08

Tgt Ion: 63 Resp: 796216
 Ion Ratio Lower Upper
 63 100
 106 28.3 23.6 35.4

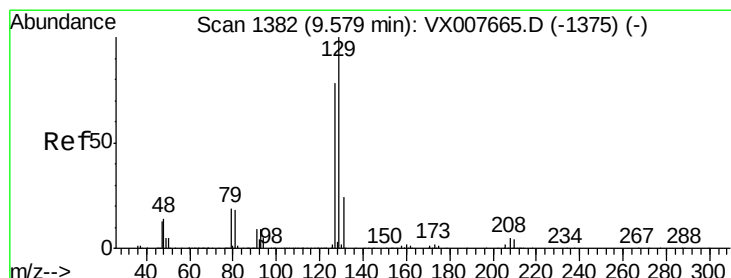
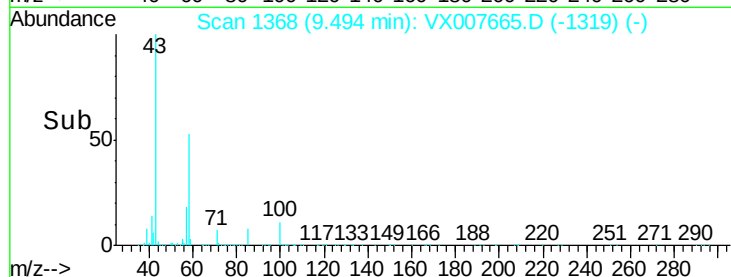
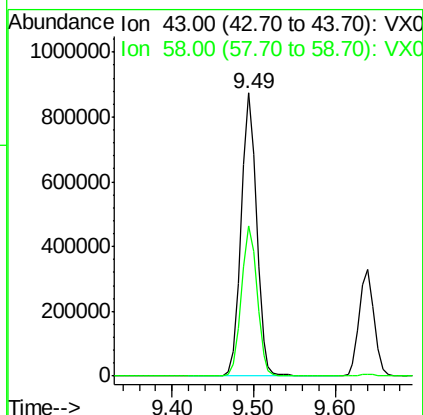
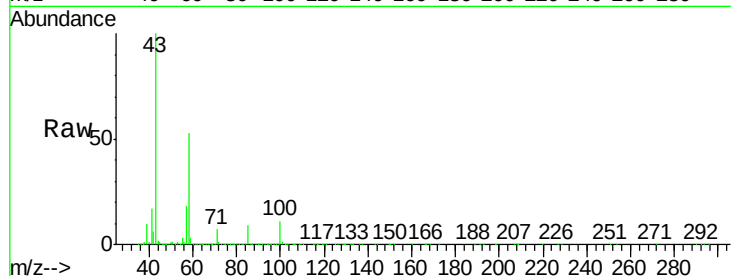




#59
2-Hexanone
Concen: 253.645 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007665.D
Acq: 25 Feb 2019 11:08

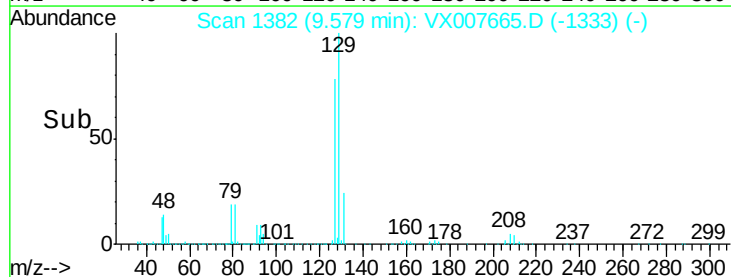
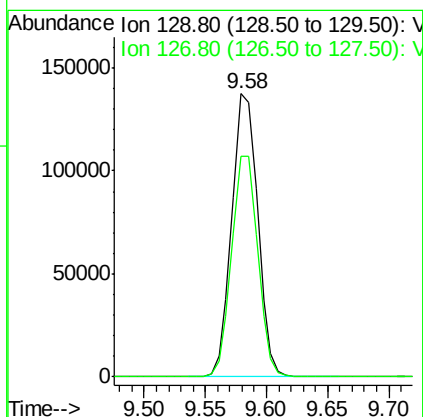
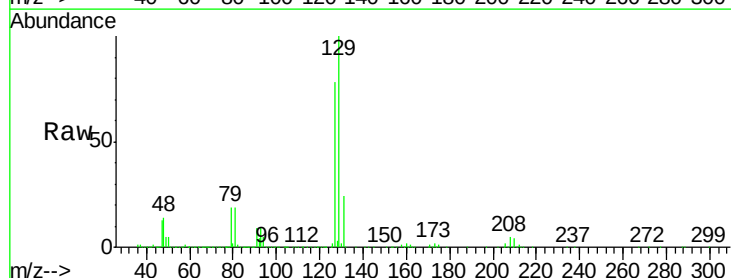
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

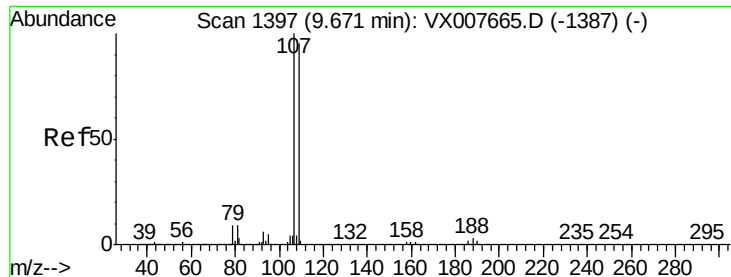
Tot Ion: 43 Resp: 1137825
Ion Ratio Lower Upper
43 100
58 53.9 27.1 81.3



#60
Dibromochloromethane
Concen: 51.796 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX007665.D
Acq: 25 Feb 2019 11:08

Tgt Ion: 129 Resp: 201996
Ion Ratio Lower Upper
129 100
127 78.5 37.8 113.4





#61

1,2-Dibromoethane

Concen: 50.083 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

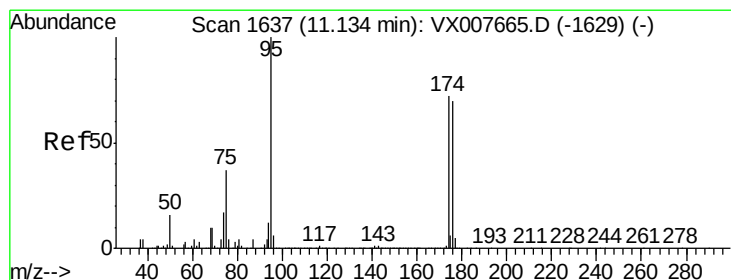
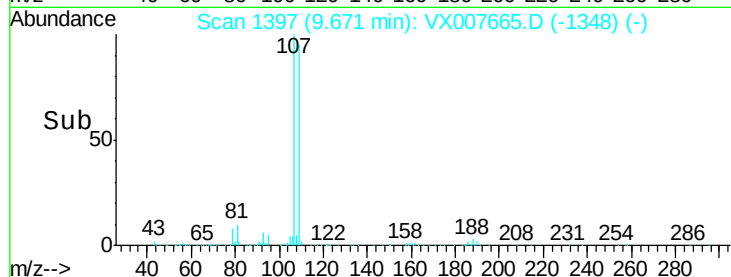
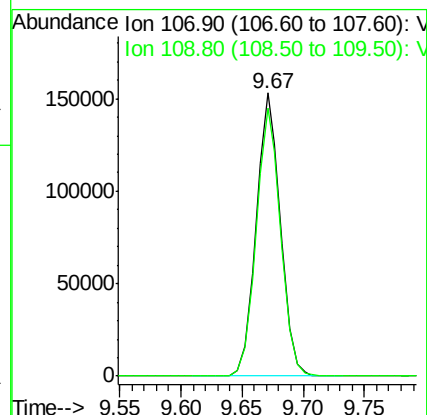
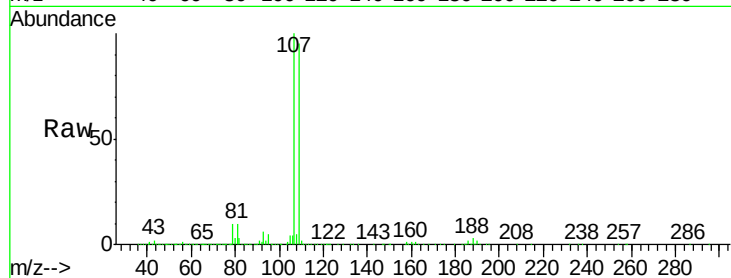
VSTDICCC050

Tot Ion:107 Resp: 210745

Ion Ratio Lower Upper

107 100

109 95.6 75.1 112.7



#62

4-Bromofluorobenzene

Concen: 50.568 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

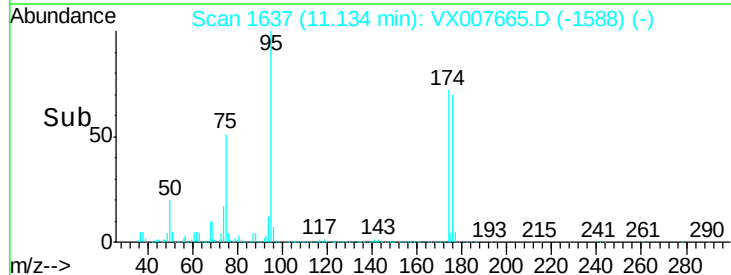
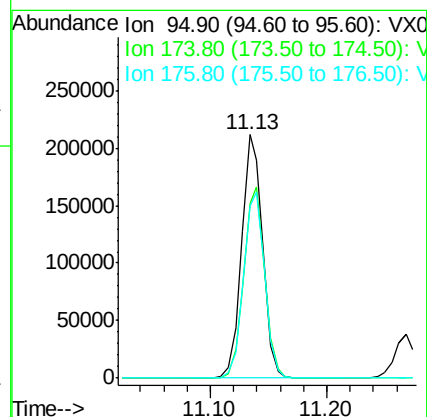
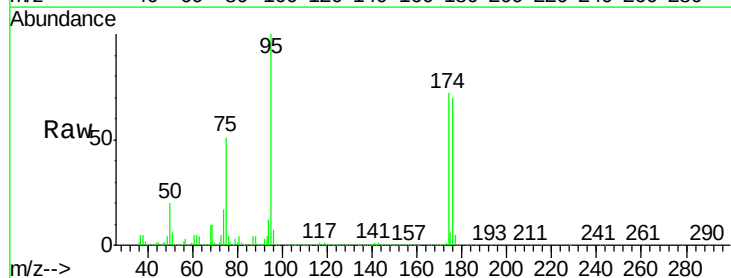
Tgt Ion: 95 Resp: 263787

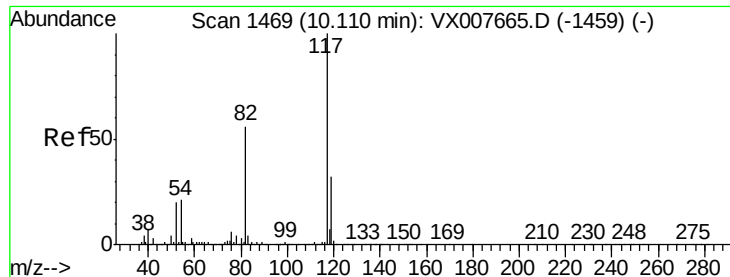
Ion Ratio Lower Upper

95 100

174 78.9 0.0 189.2

176 77.5 0.0 186.2

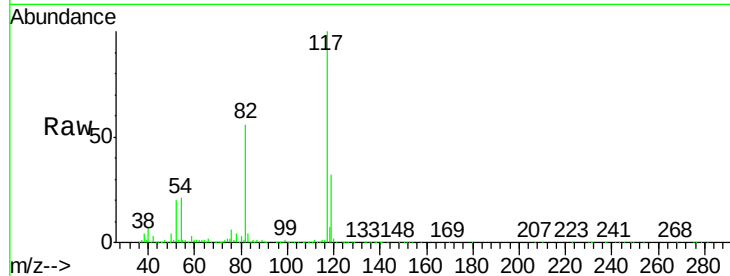




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007665.D
Acq: 25 Feb 2019 11:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.8	42.1	63.1
119	32.0	26.5	39.7

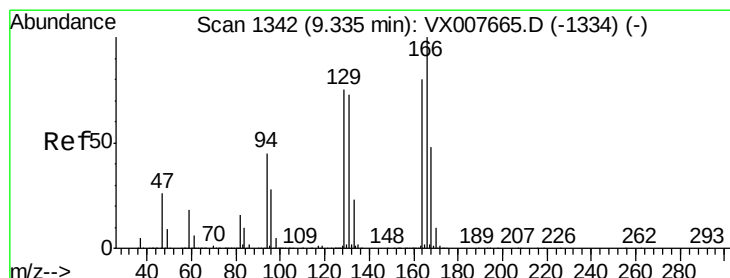
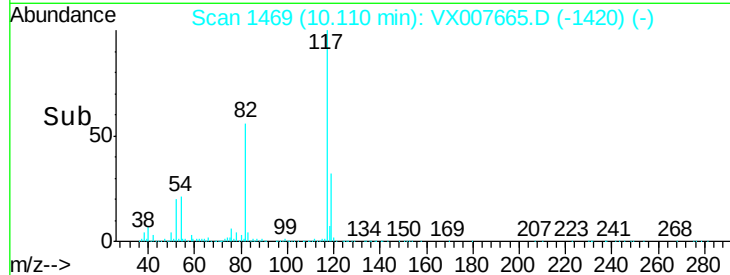
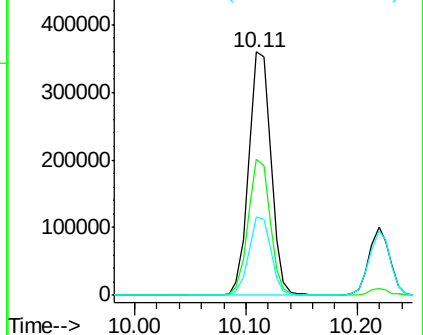


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 48.487 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007665.D
Acq: 25 Feb 2019 11:08

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.2	101.0	151.4
129	94.2	70.5	105.7
131	91.9	69.8	104.6

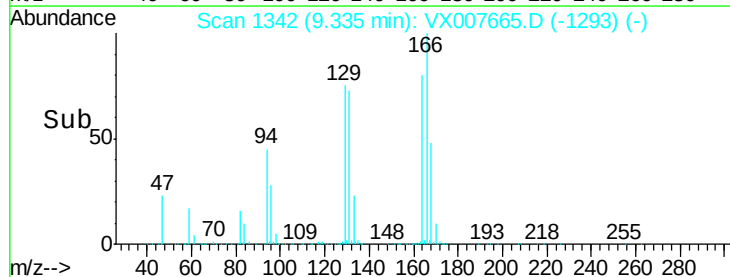
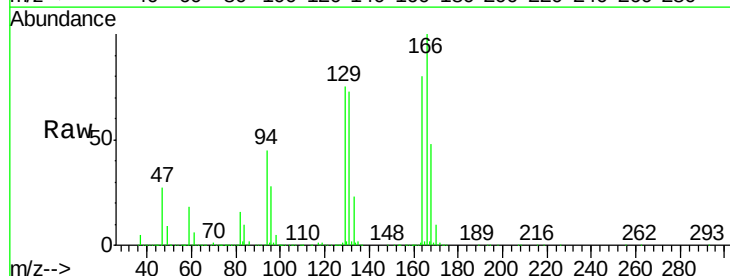
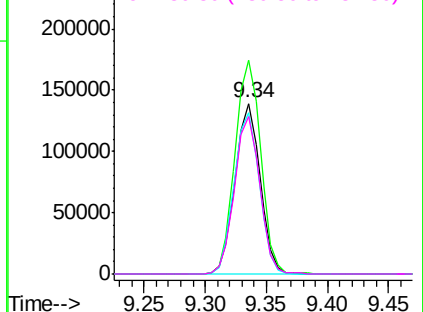
Abundance

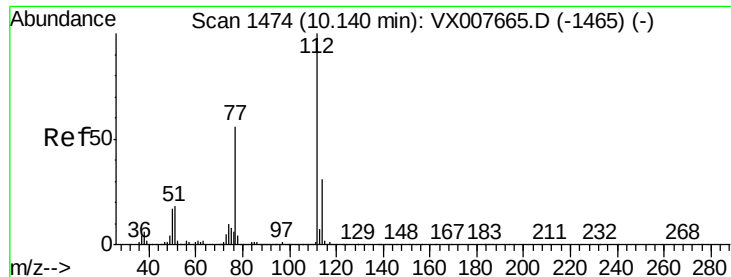
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 49.045 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

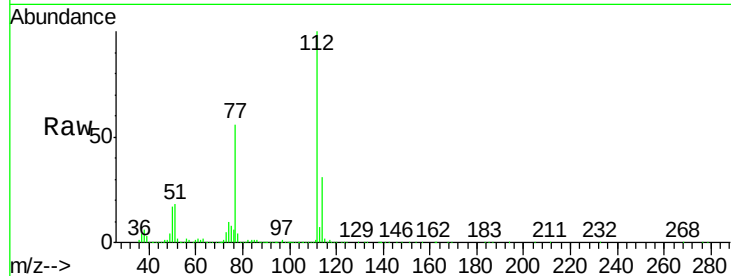
VSTDICCC050

Tot Ion:112 Resp: 532240

Ion Ratio Lower Upper

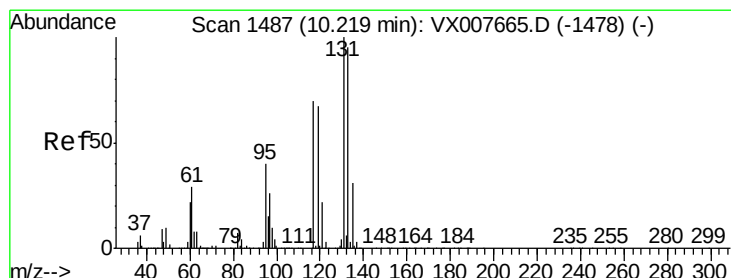
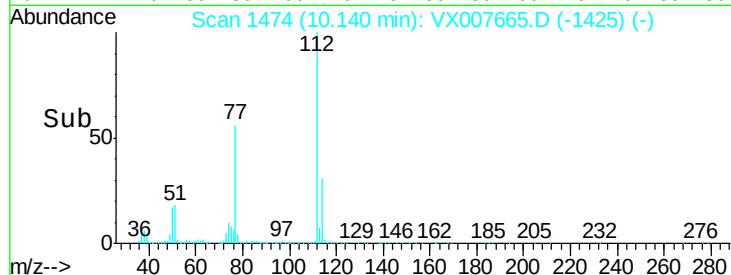
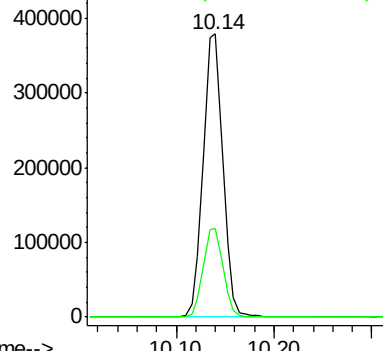
112 100

114 31.2 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.242 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

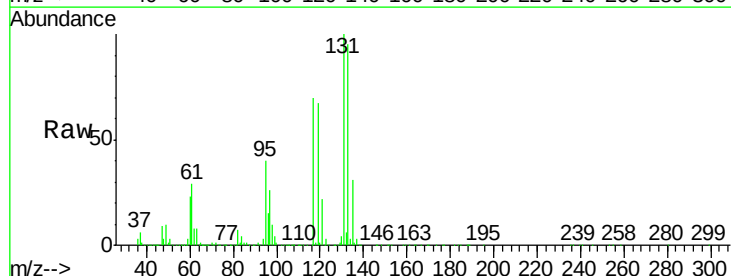
Tgt Ion:131 Resp: 190185

Ion Ratio Lower Upper

131 100

133 96.0 48.0 144.2

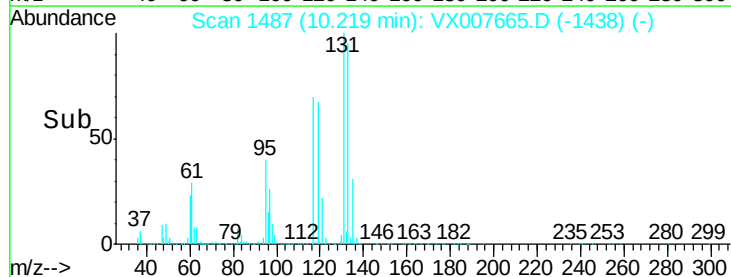
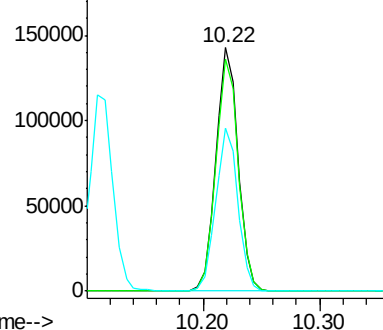
119 66.8 32.0 96.0

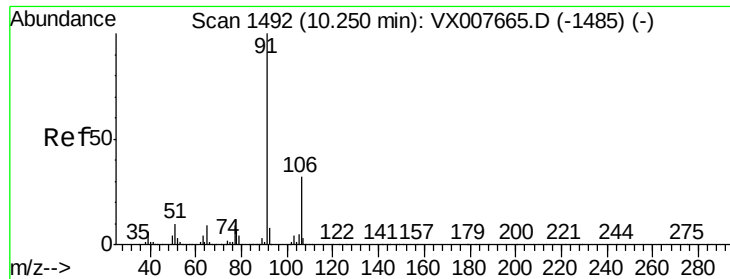


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 50.381 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

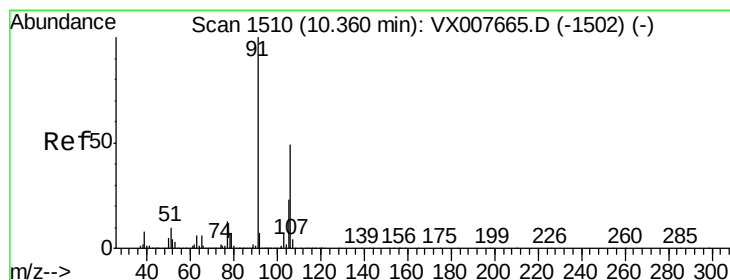
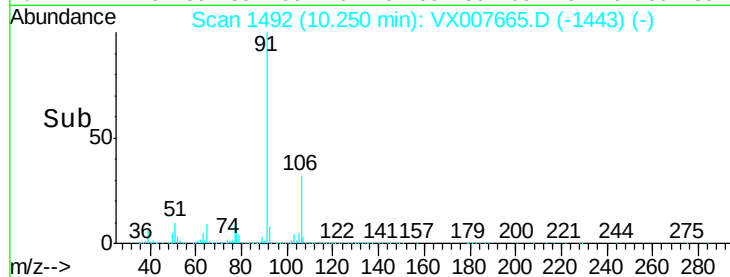
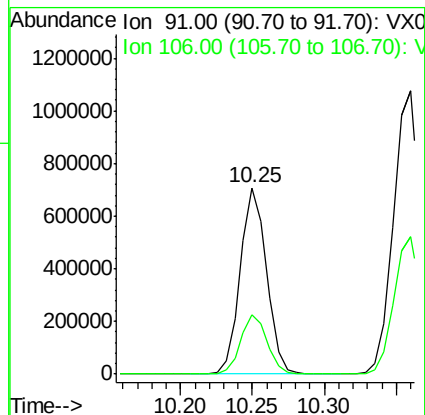
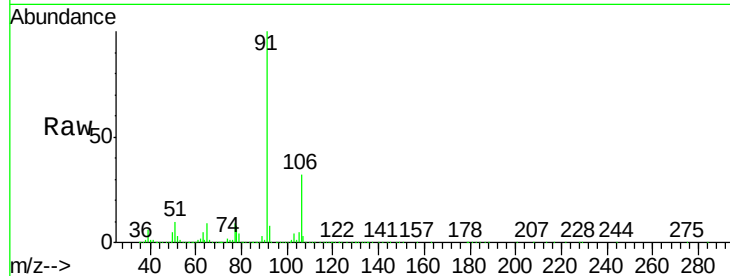
VSTDICCC050

Tot Ion: 91 Resp: 905701

Ion Ratio Lower Upper

91 100

106 31.8 25.4 38.0



#68

m/p-Xylenes

Concen: 100.109 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007665.D

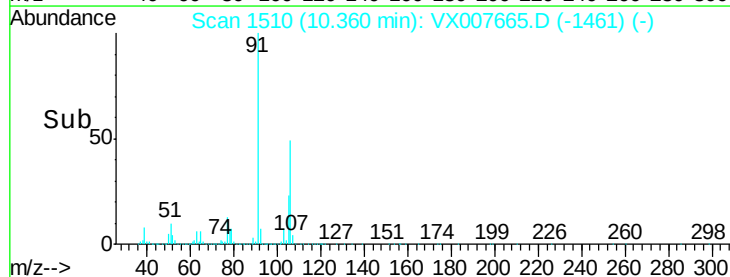
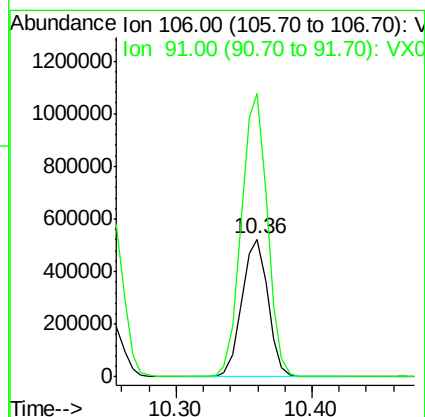
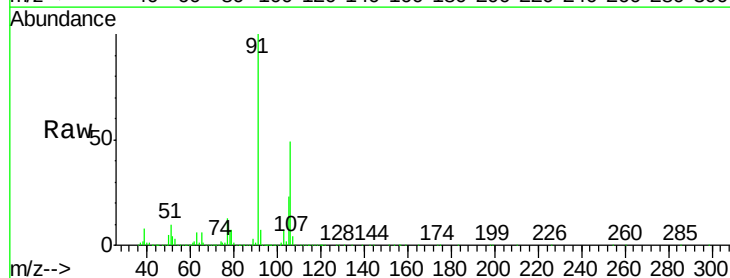
Acq: 25 Feb 2019 11:08

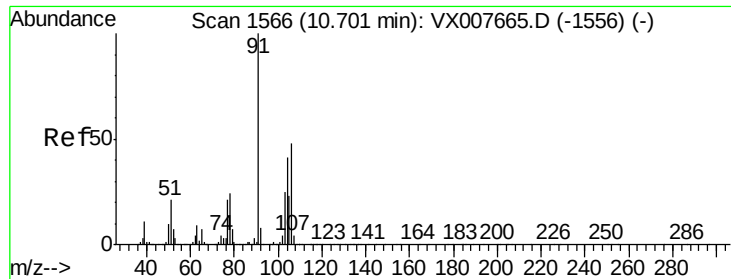
Tgt Ion: 106 Resp: 700115

Ion Ratio Lower Upper

106 100

91 204.8 156.6 234.8

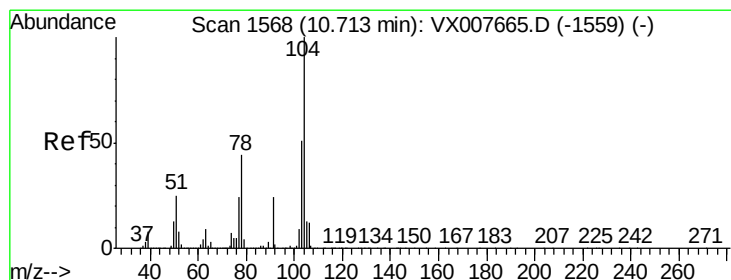
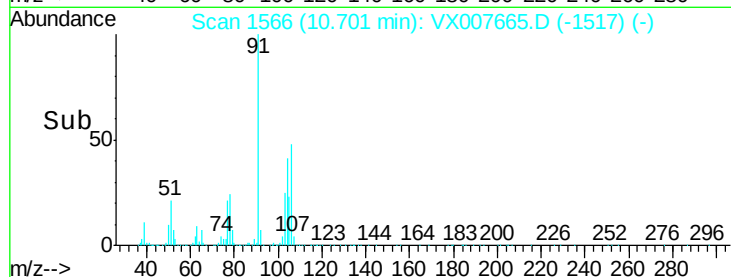
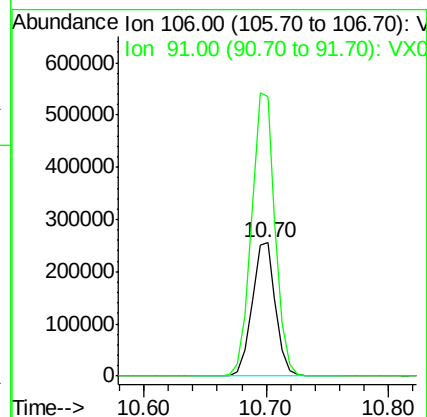
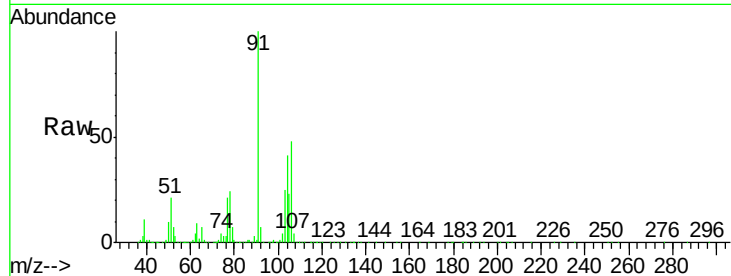




#69
o-Xylene
Concen: 50.448 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX007665.D
Acq: 25 Feb 2019 11:08

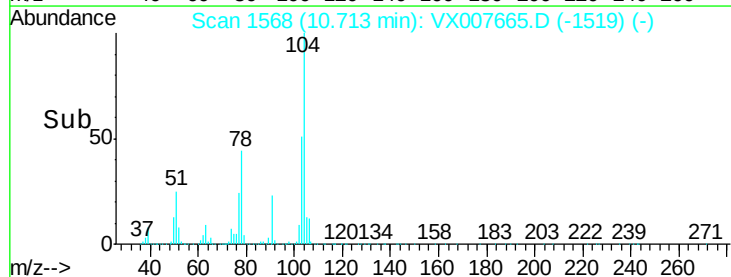
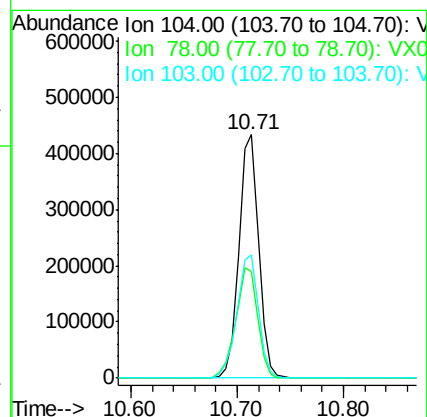
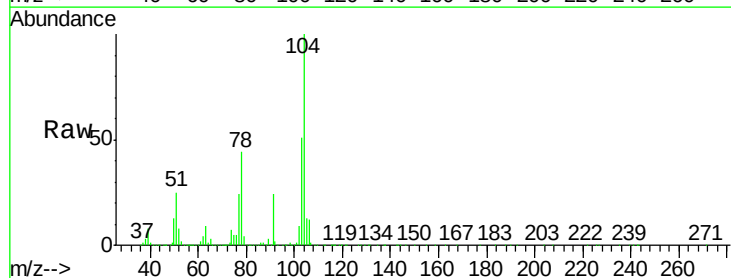
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

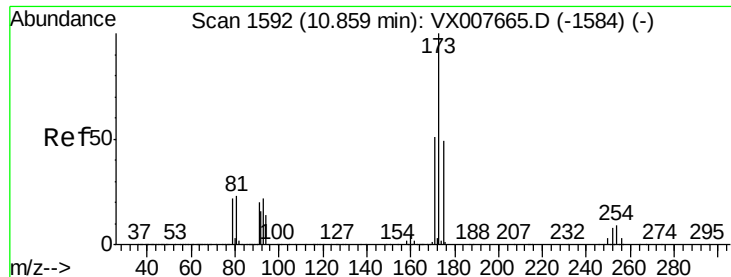
Tot Ion:106 Resp: 339363
Ion Ratio Lower Upper
106 100
91 213.5 102.9 308.7



#70
Styrene
Concen: 51.273 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007665.D
Acq: 25 Feb 2019 11:08

Tgt Ion:104 Resp: 566931
Ion Ratio Lower Upper
104 100
78 50.4 38.3 57.5
103 55.7 44.6 67.0





#71

Bromoform

Concen: 50.660 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

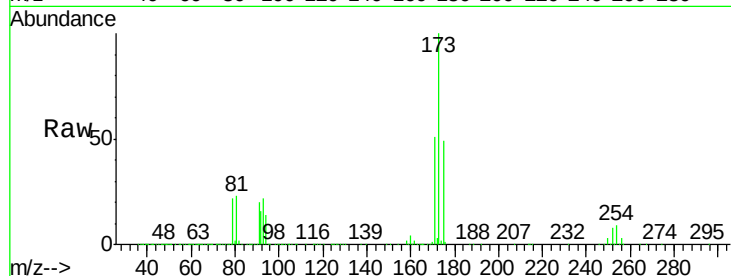
Tot Ion:173 Resp: 143804

Ion Ratio Lower Upper

173 100

175 48.7 24.2 72.6

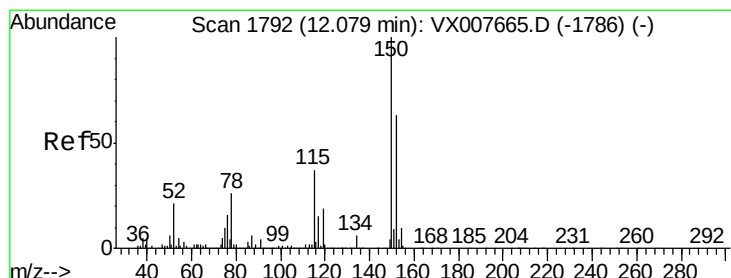
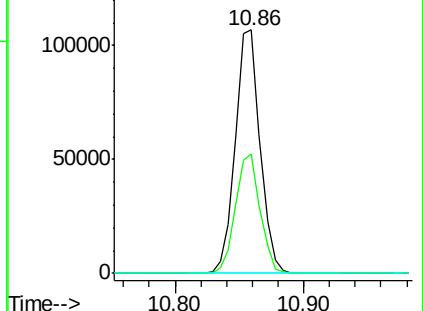
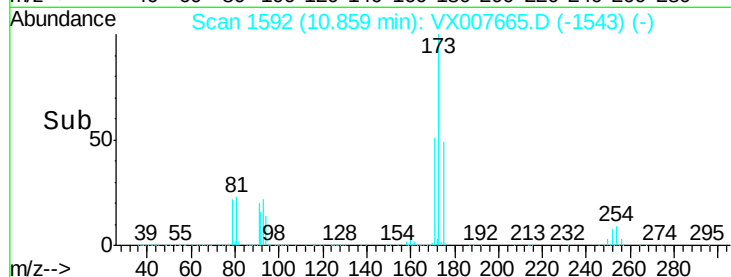
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

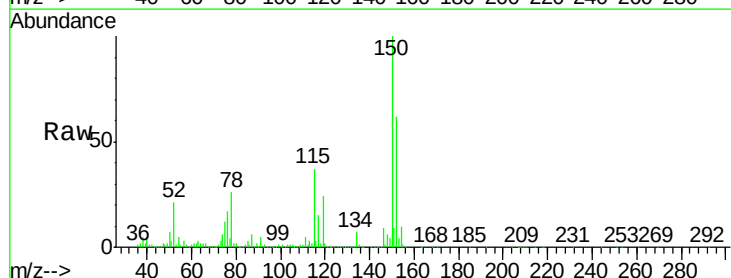
Tgt Ion:152 Resp: 258678

Ion Ratio Lower Upper

152 100

115 83.2 38.0 114.0

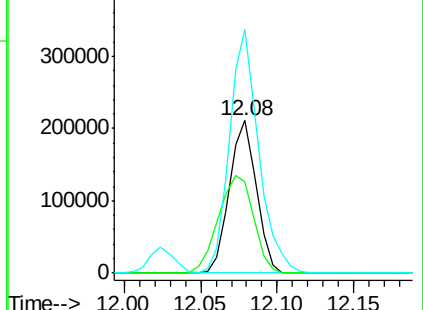
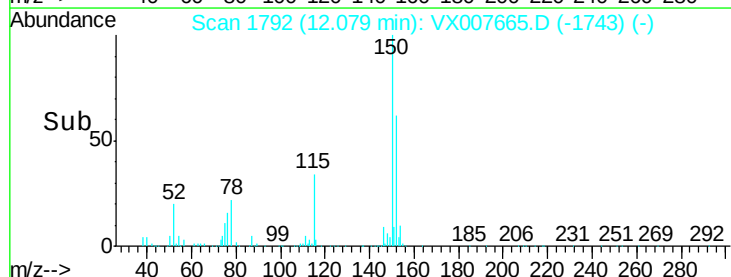
150 172.2 0.0 346.4

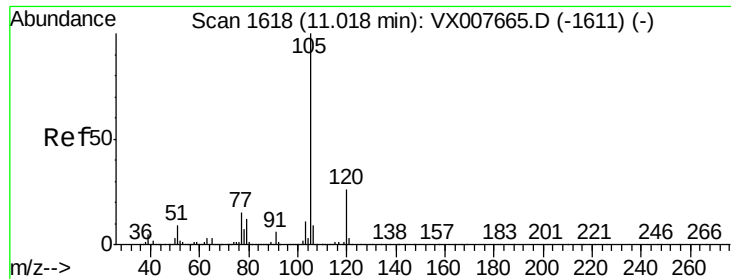


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.699 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

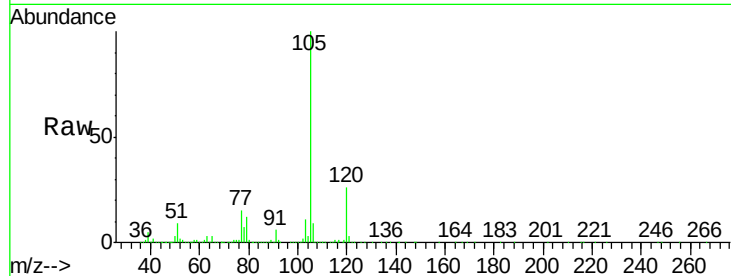
VSTDICCC050

Tot Ion:105 Resp: 918831

Ion Ratio Lower Upper

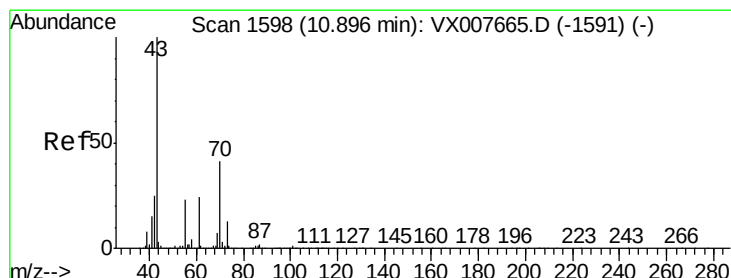
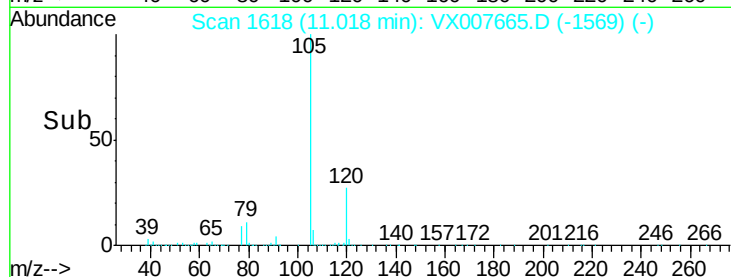
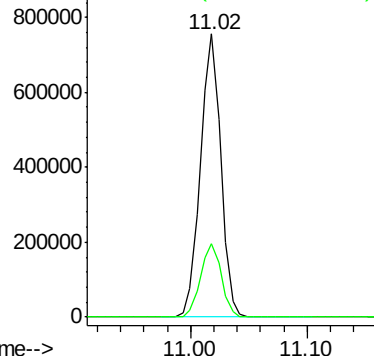
105 100

120 26.6 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.541 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

Tgt Ion: 43 Resp: 405769

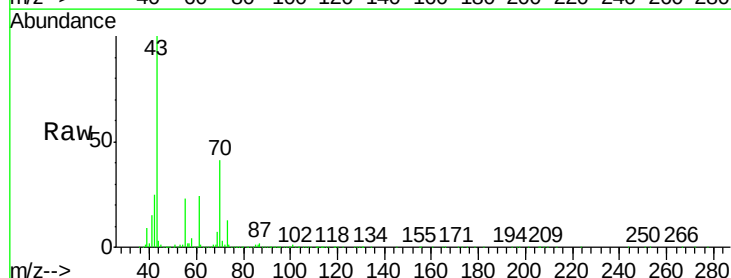
Ion Ratio Lower Upper

43 100

70 41.7 33.8 50.6

55 24.1 19.5 29.3

61 24.3 19.4 29.2

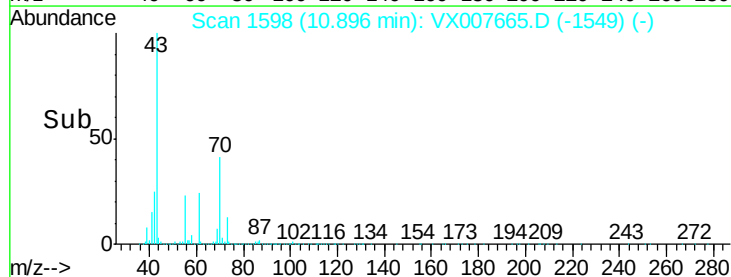
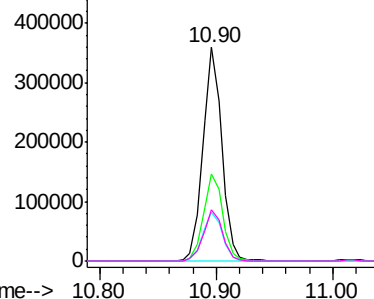


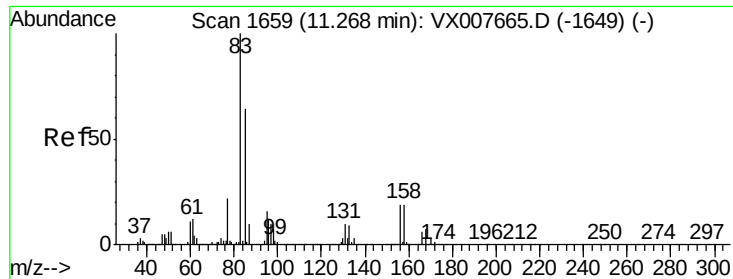
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.640 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

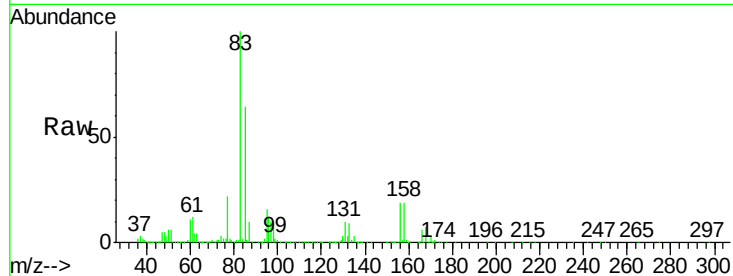
Tot Ion: 83 Resp: 298239

Ion Ratio Lower Upper

83 100

131 10.3 5.7 17.0

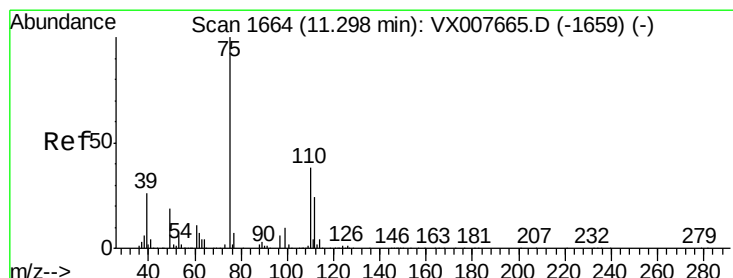
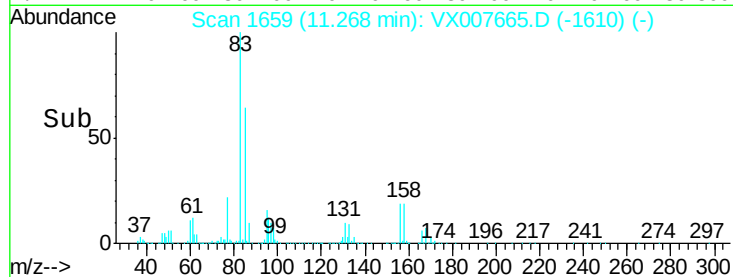
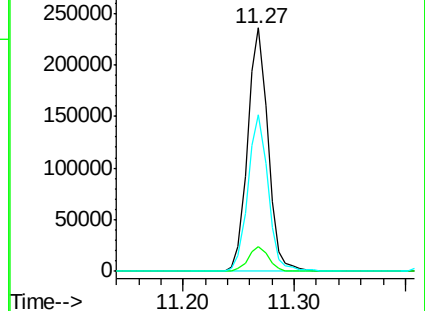
85 64.0 32.8 98.3



Abundance Ion 82.90 (82.60 to 83.60): VX007665.D (-1649) (-)

Ion 130.80 (130.50 to 131.50): VX007665.D (-1649) (-)

Ion 84.90 (84.60 to 85.60): VX007665.D (-1649) (-)



#76

1,2,3-Trichloropropane

Concen: 65.621 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX007665.D

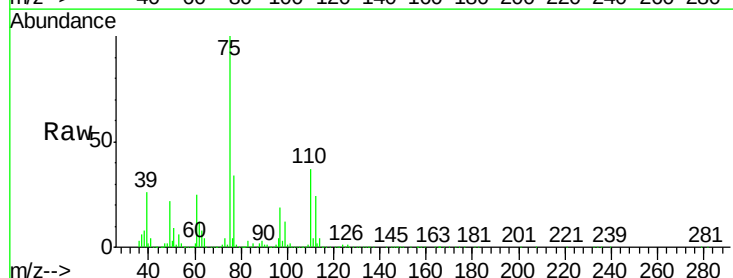
Acq: 25 Feb 2019 11:08

Tgt Ion: 75 Resp: 361822

Ion Ratio Lower Upper

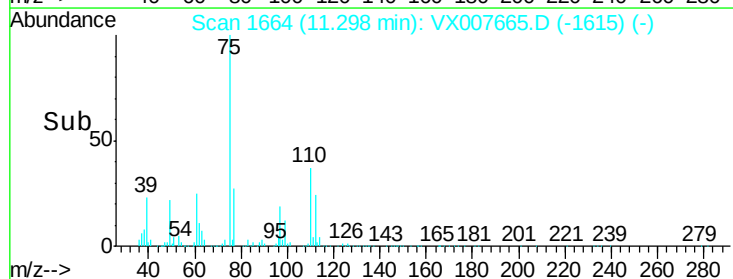
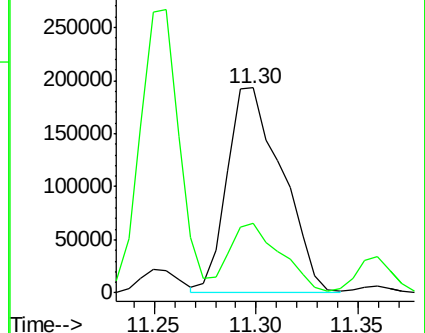
75 100

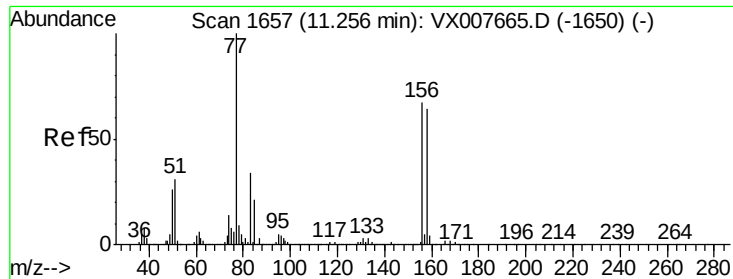
77 32.5 23.0 69.0



Abundance Ion 74.90 (74.60 to 75.60): VX007665.D (-1659) (-)

Ion 77.00 (76.70 to 77.70): VX007665.D (-1659) (-)





#77

Bromobenzene

Concen: 48.870 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

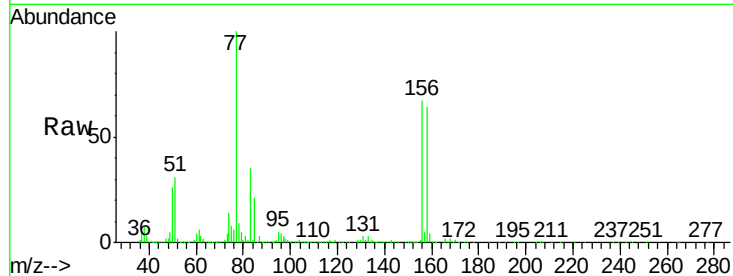
Tot Ion:156 Resp: 226621

Ion Ratio Lower Upper

156 100

77 155.8 66.8 200.6

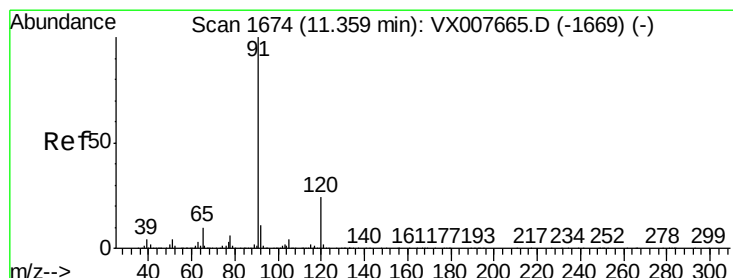
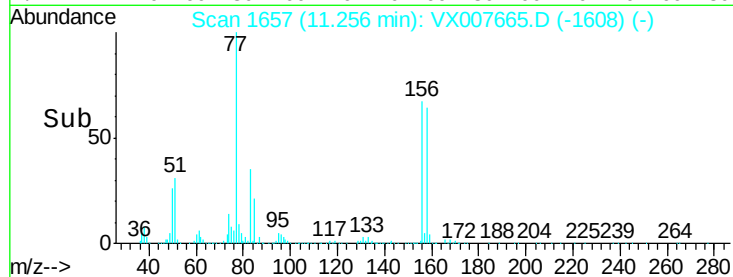
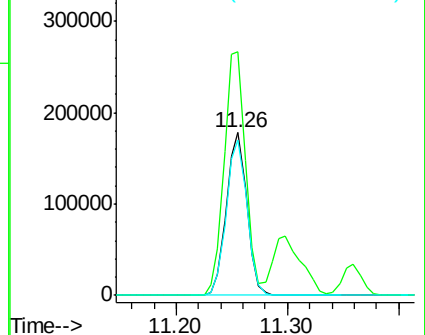
158 96.6 47.9 143.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.172 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007665.D

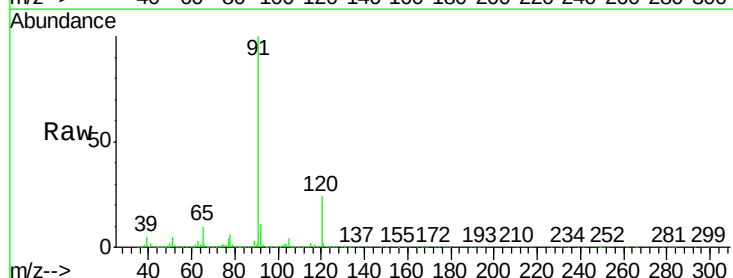
Acq: 25 Feb 2019 11:08

Tgt Ion: 91 Resp: 1069077

Ion Ratio Lower Upper

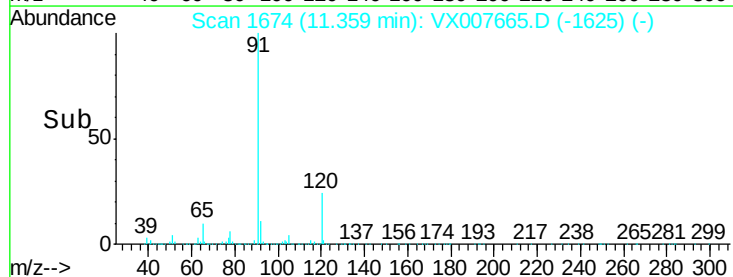
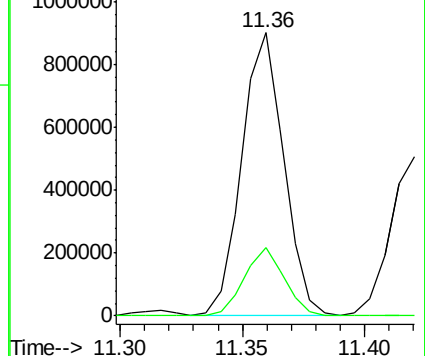
91 100

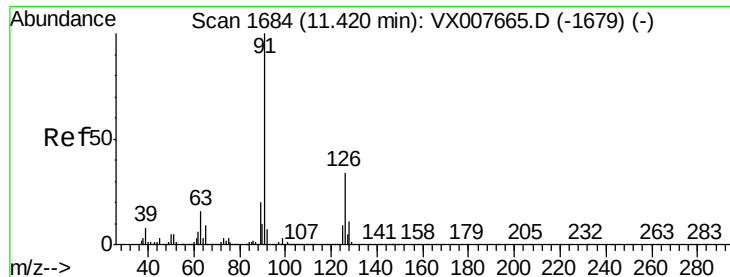
120 23.3 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.891 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

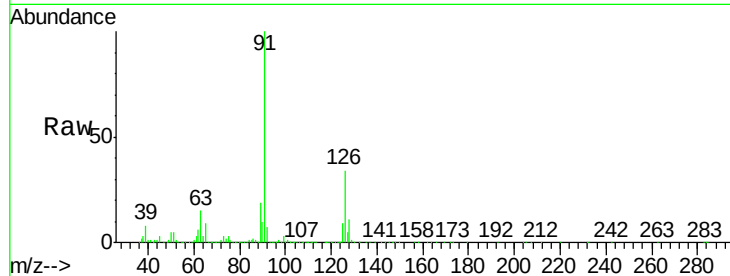
VSTDICCC050

Tot Ion: 91 Resp: 627600

Ion Ratio Lower Upper

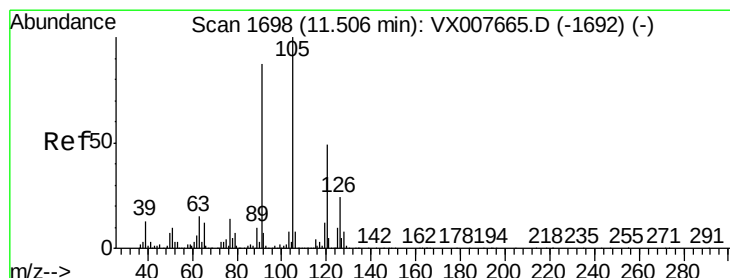
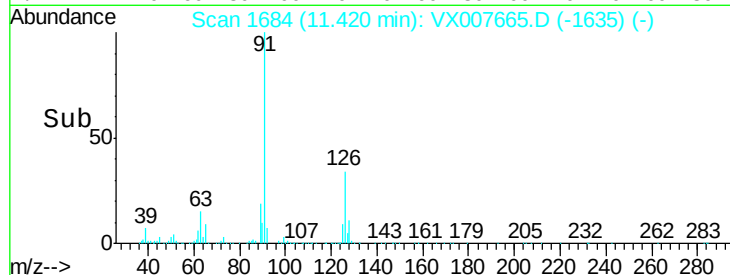
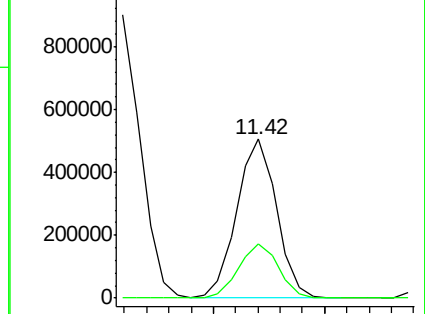
91 100

126 34.3 18.7 56.1



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: 50.959 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007665.D

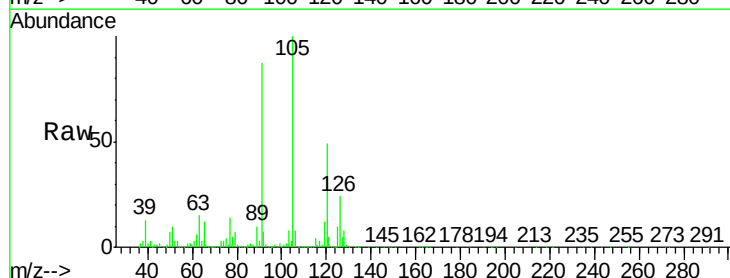
Acq: 25 Feb 2019 11:08

Tgt Ion:105 Resp: 774952

Ion Ratio Lower Upper

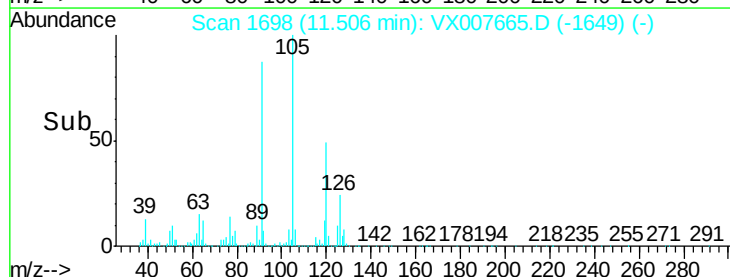
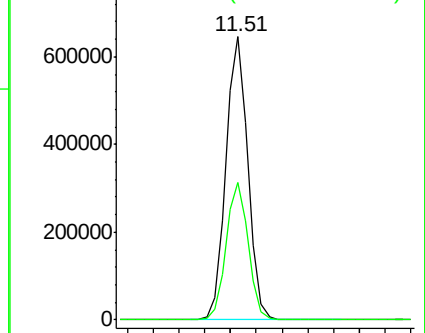
105 100

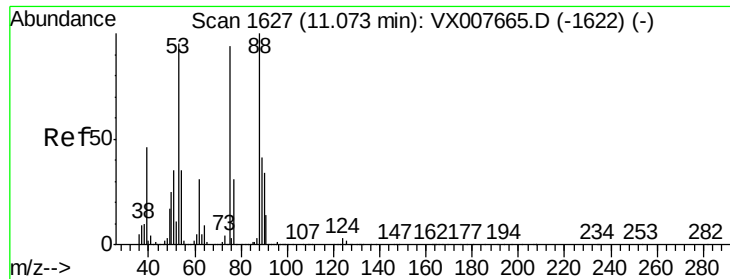
120 48.8 25.3 75.8



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: 52.153 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

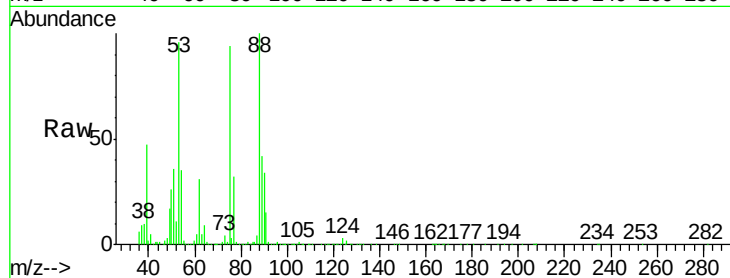
Tot Ion: 75 Resp: 95128

Ion Ratio Lower Upper

75 100

53 100.1 81.0 121.6

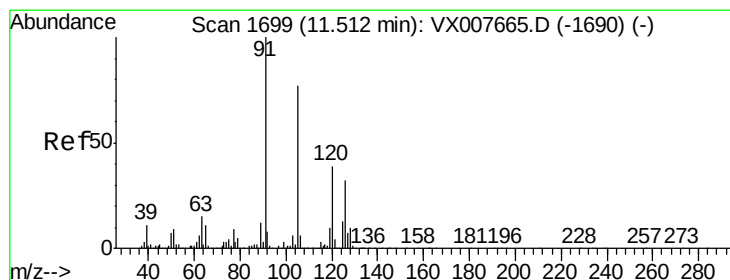
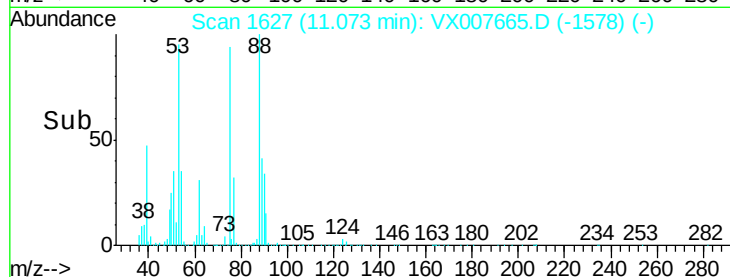
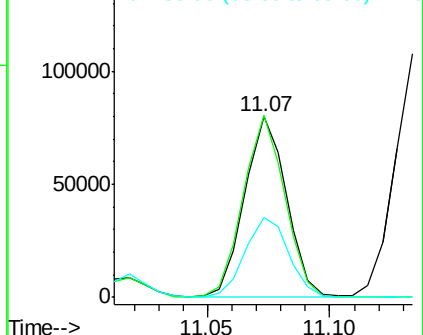
89 46.2 41.4 62.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 50.898 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX007665.D

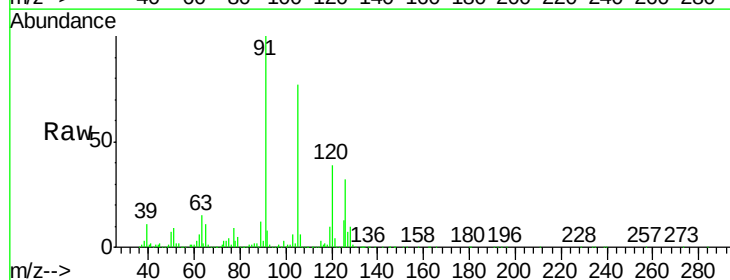
Acq: 25 Feb 2019 11:08

Tgt Ion: 91 Resp: 749006

Ion Ratio Lower Upper

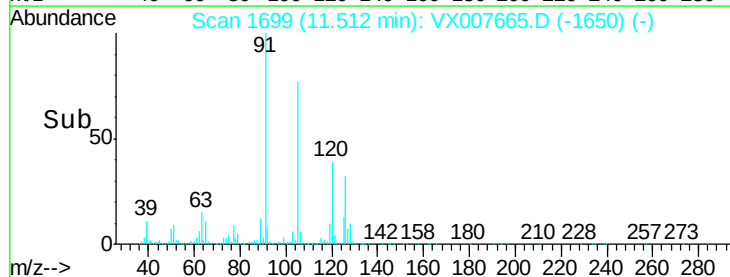
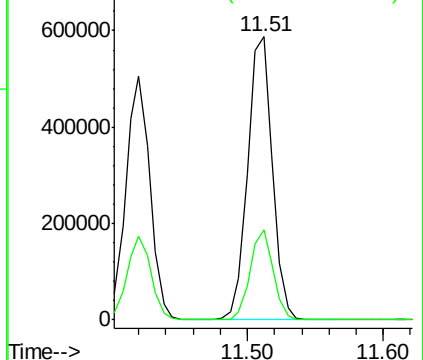
91 100

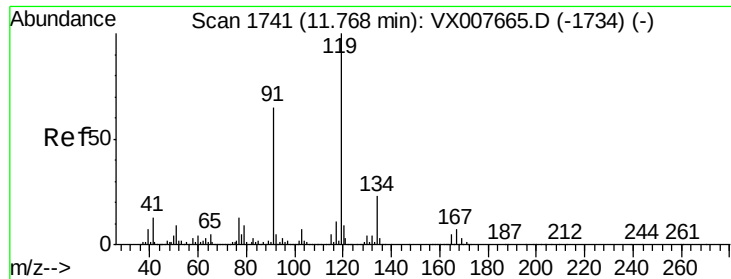
126 29.9 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 50.136 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

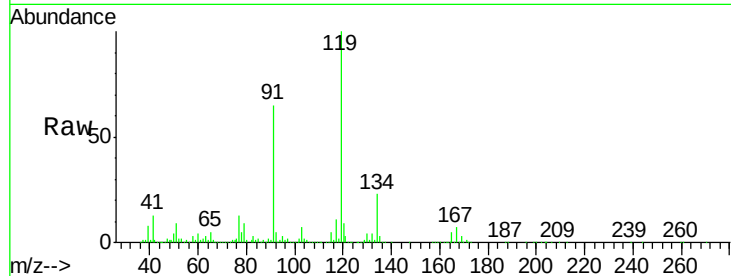
Tot Ion:119 Resp: 732049

Ion Ratio Lower Upper

119 100

91 61.0 28.5 85.6

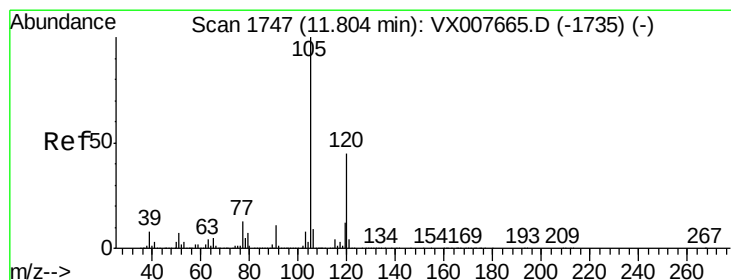
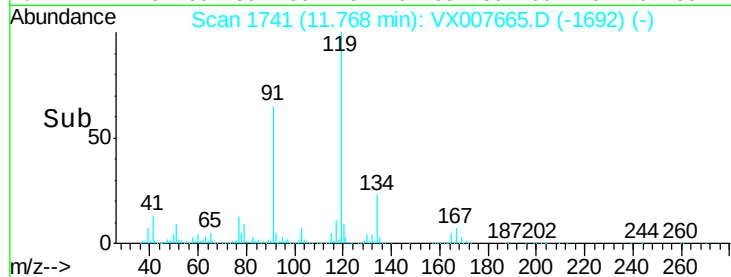
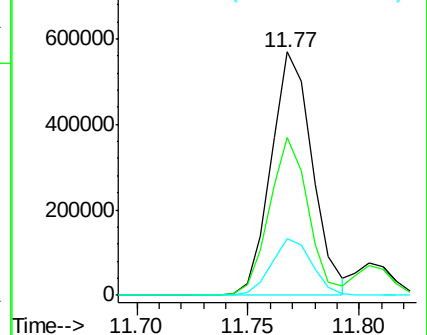
134 23.1 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 51.085 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX007665.D

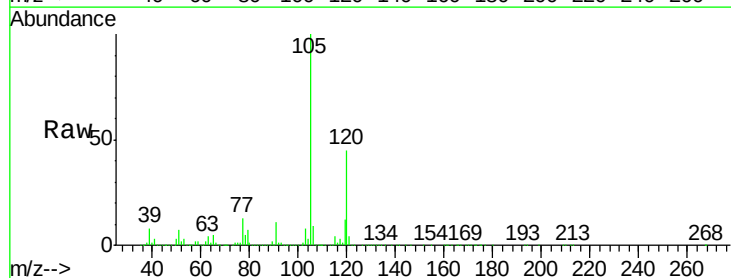
Acq: 25 Feb 2019 11:08

Tgt Ion:105 Resp: 794665

Ion Ratio Lower Upper

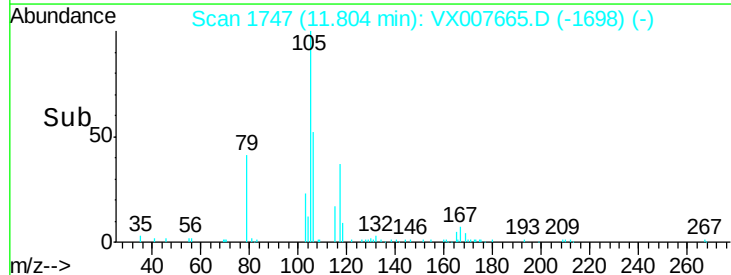
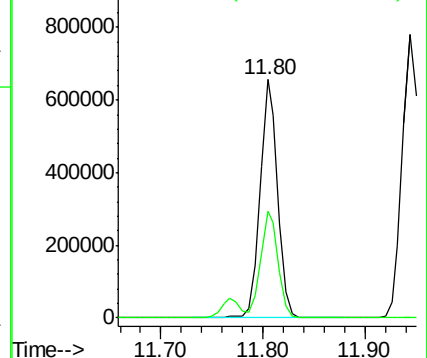
105 100

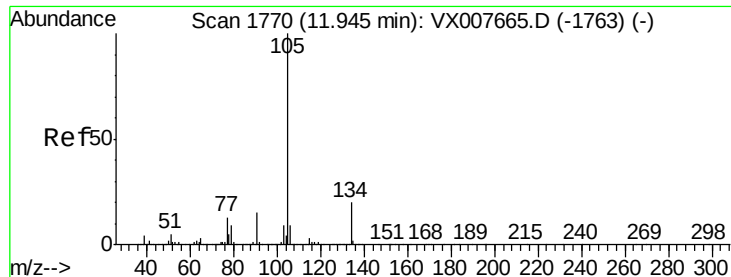
120 44.2 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.731 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

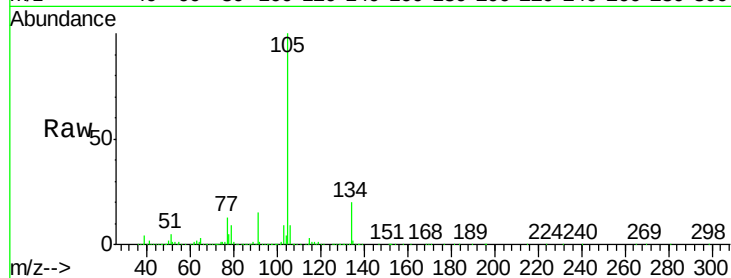
VSTDICCC050

Tot Ion:105 Resp: 928220

Ion Ratio Lower Upper

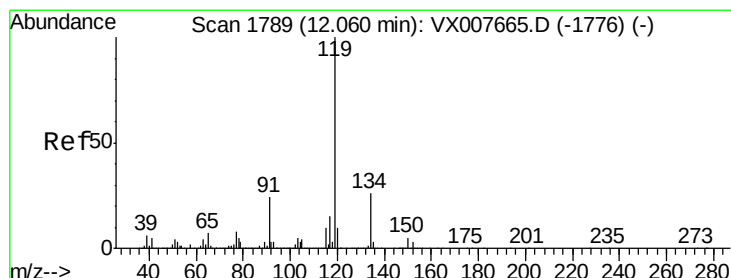
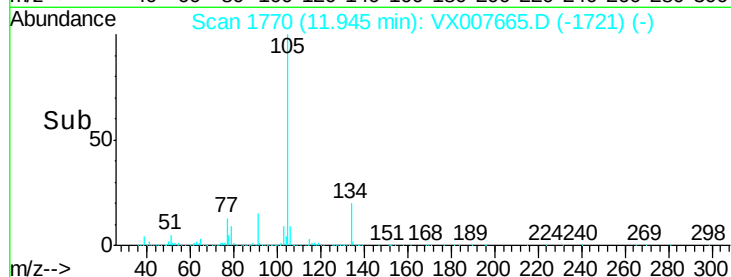
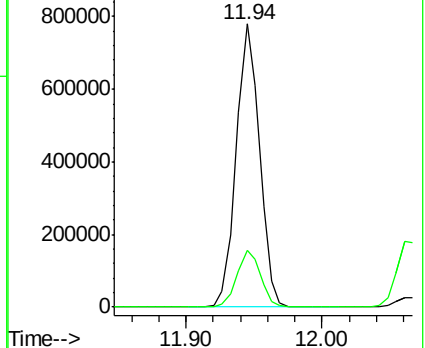
105 100

134 20.4 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.936 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

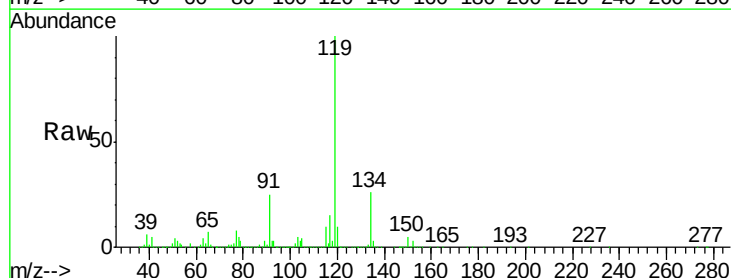
Tgt Ion:119 Resp: 832220

Ion Ratio Lower Upper

119 100

134 26.5 13.7 41.1

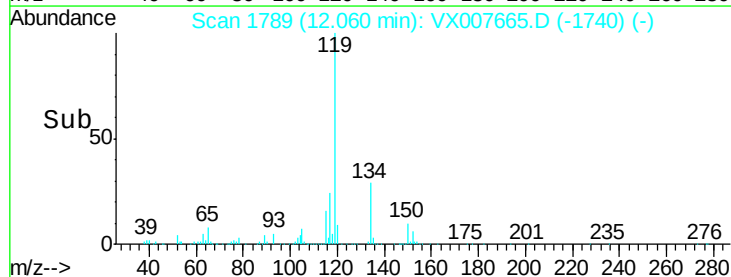
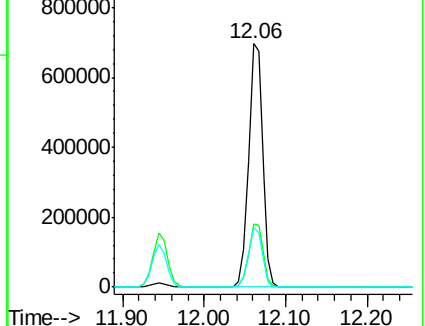
91 24.3 11.2 33.5

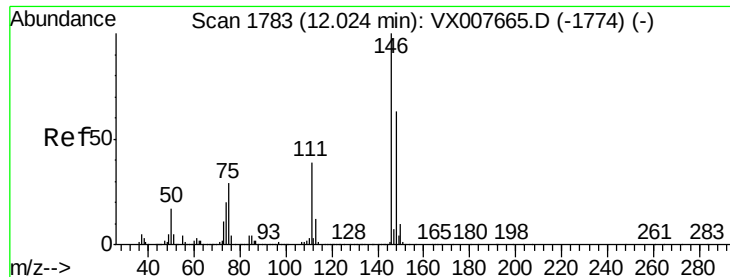


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

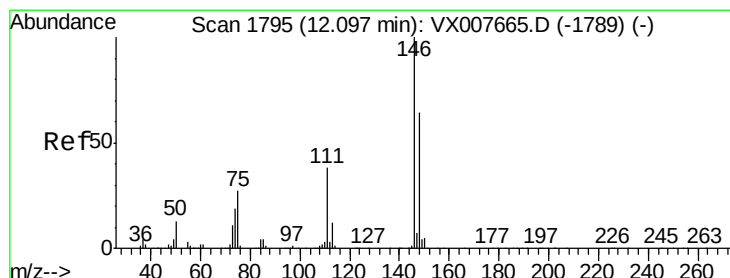
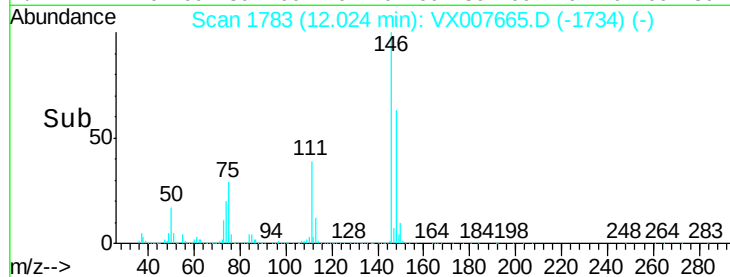
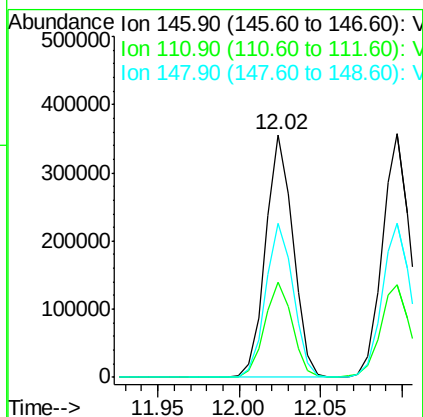
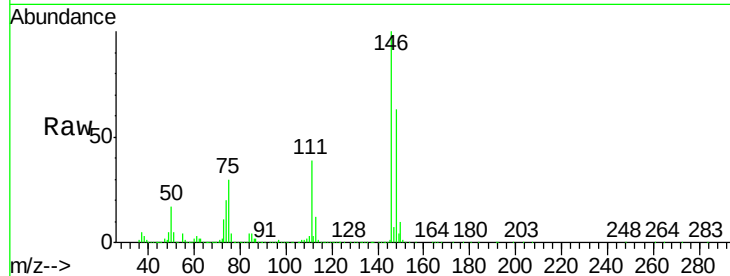




#87
 1,3-Dichlorobenzene
 Concen: 48.390 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007665.D
 Acq: 25 Feb 2019 11:08

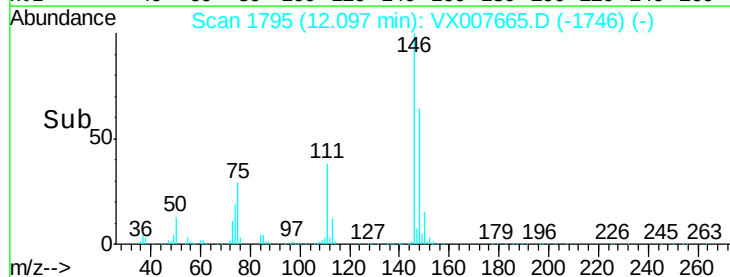
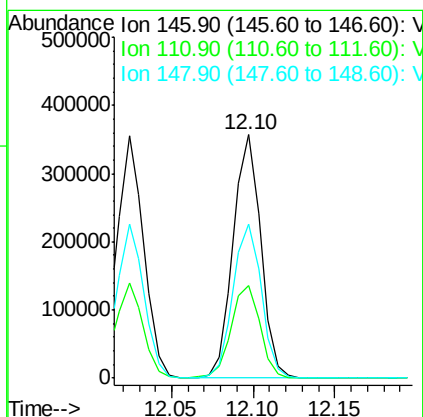
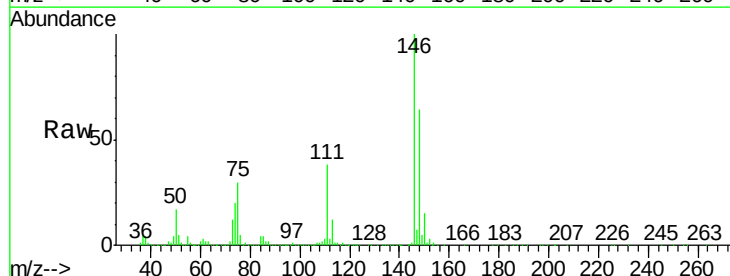
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

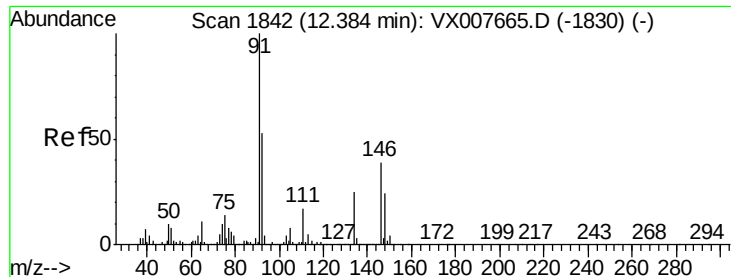
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	18.1	54.1
148	63.8	32.0	96.2



#88
 1,4-Dichlorobenzene
 Concen: 47.840 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007665.D
 Acq: 25 Feb 2019 11:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	18.1	54.1
148	65.0	32.3	96.9





#89

n-Butylbenzene

Concen: 51.900 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

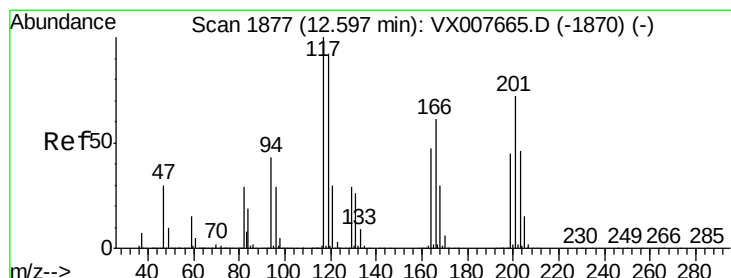
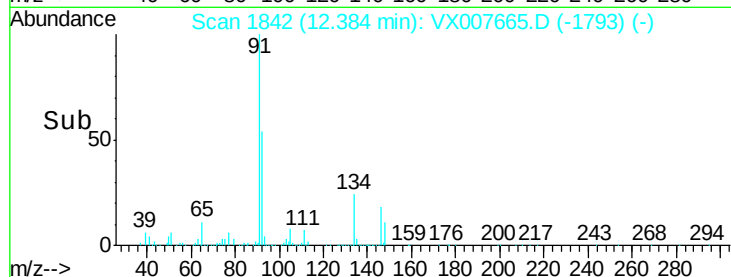
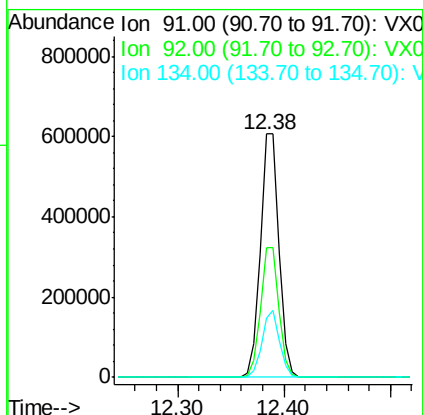
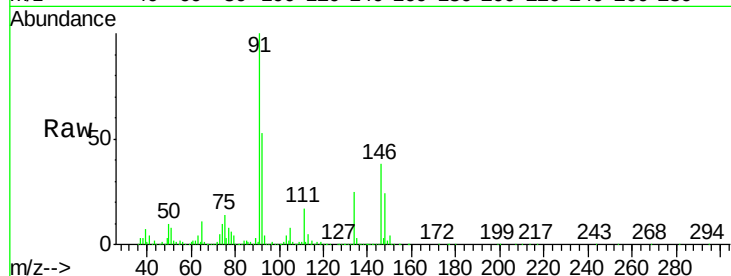
Tot Ion: 91 Resp: 741671

Ion Ratio Lower Upper

91 100

92 52.8 26.3 78.9

134 26.0 13.9 41.6



#90

Hexachloroethane

Concen: 50.705 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX007665.D

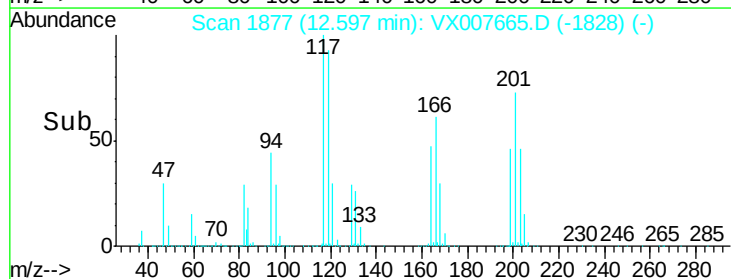
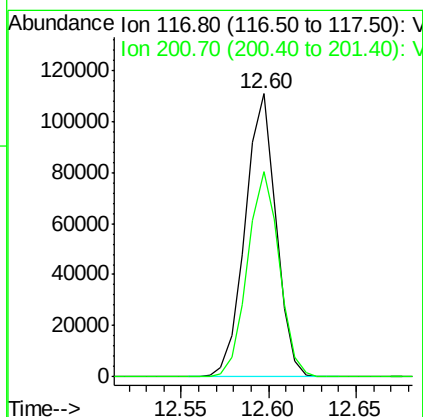
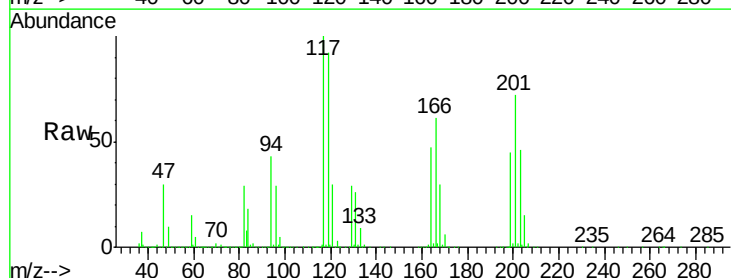
Acq: 25 Feb 2019 11:08

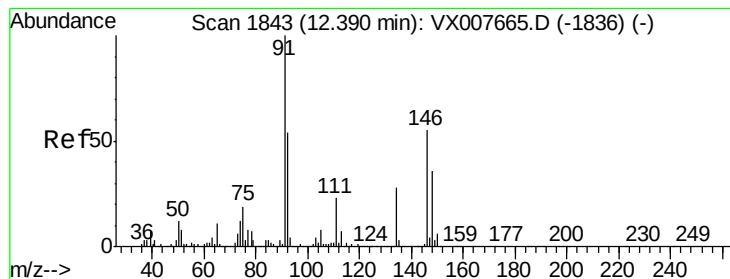
Tgt Ion: 117 Resp: 136900

Ion Ratio Lower Upper

117 100

201 74.3 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 48.009 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

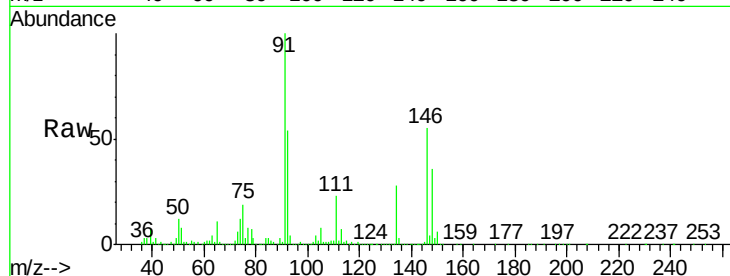
Tot Ion:146 Resp: 413185

Ion Ratio Lower Upper

146 100

111 41.3 19.1 57.3

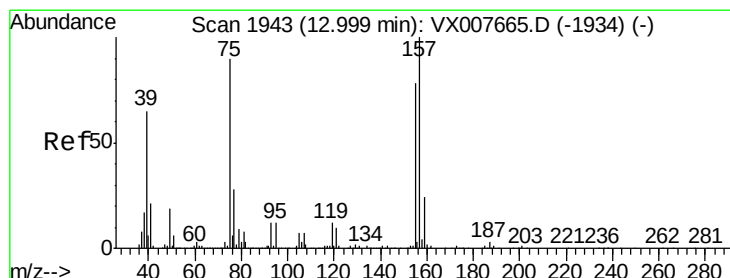
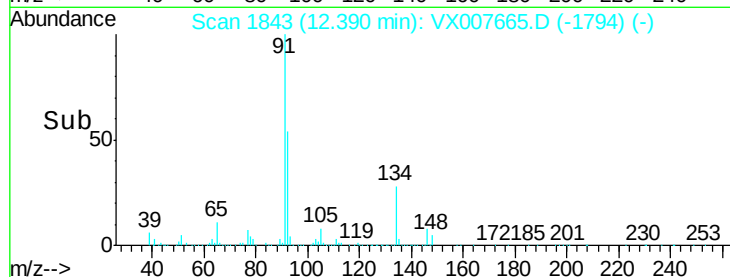
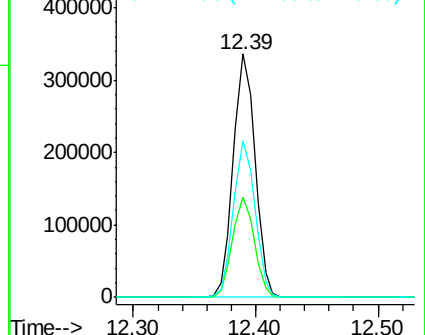
148 64.0 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.331 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

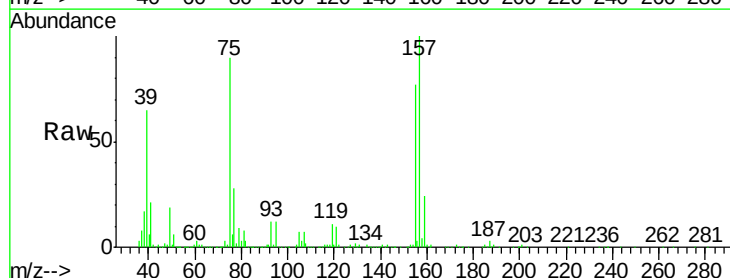
Tgt Ion: 75 Resp: 67338

Ion Ratio Lower Upper

75 100

155 86.5 49.6 149.0

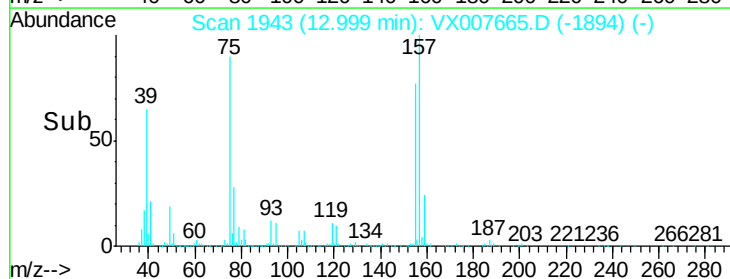
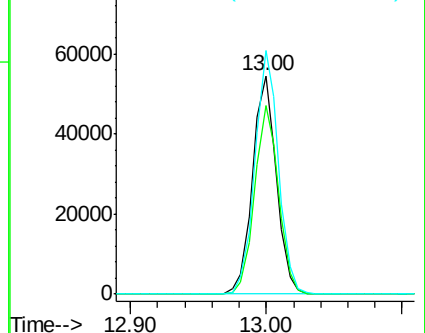
157 110.2 65.1 195.3

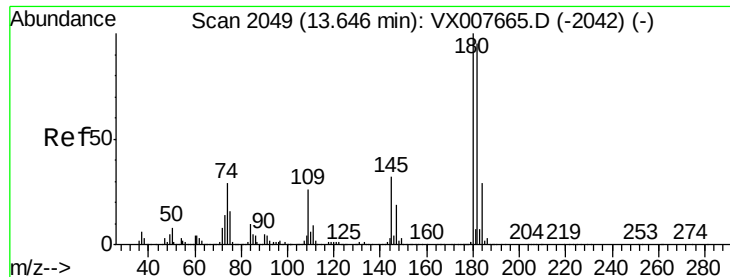


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

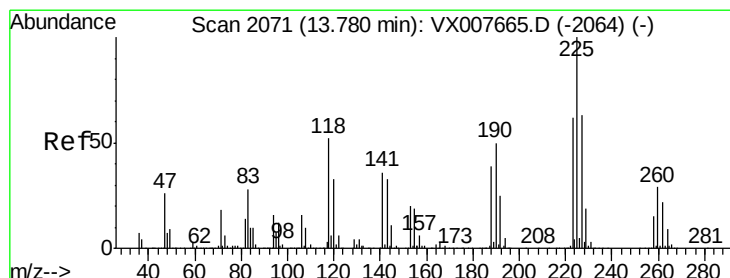
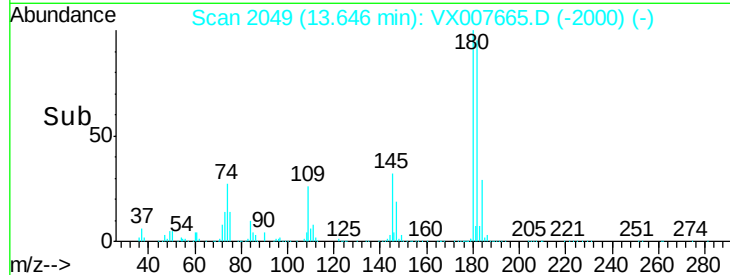
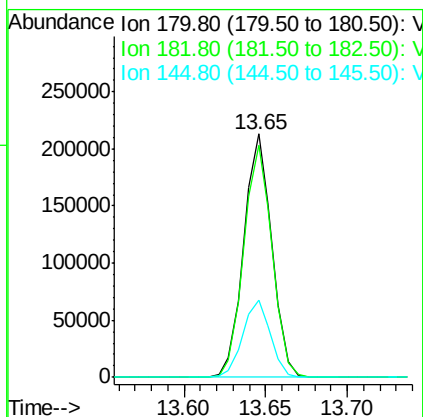
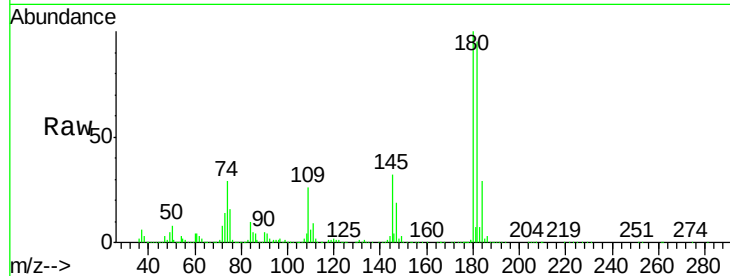




#93
 1,2,4-Trichlorobenzene
 Concen: 48.548 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007665.D
 Acq: 25 Feb 2019 11:08

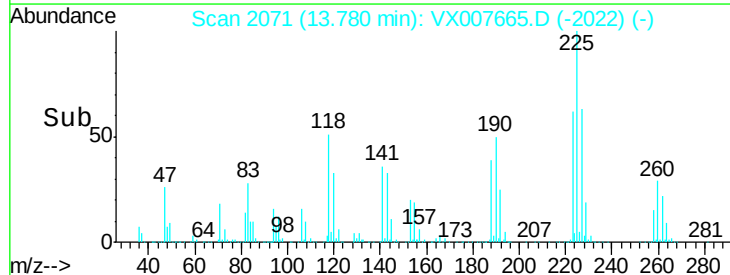
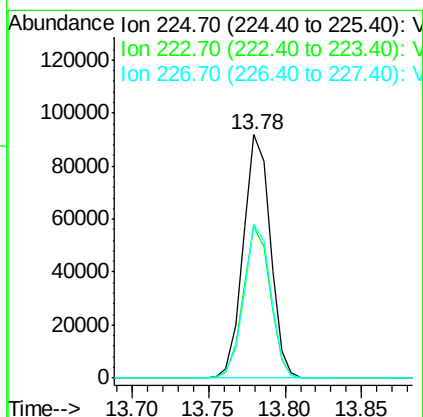
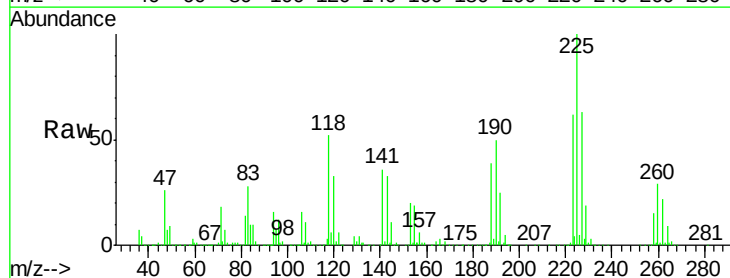
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

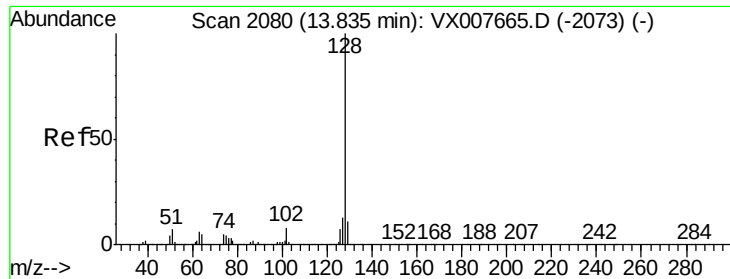
Tot Ion:180 Resp: 255045
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.8 143.3
 145 31.2 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 46.906 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007665.D
 Acq: 25 Feb 2019 11:08

Tgt Ion:225 Resp: 112728
 Ion Ratio Lower Upper
 225 100
 223 62.1 31.6 94.8
 227 62.7 32.1 96.3





#95

Naphthalene

Concen: 51.768 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

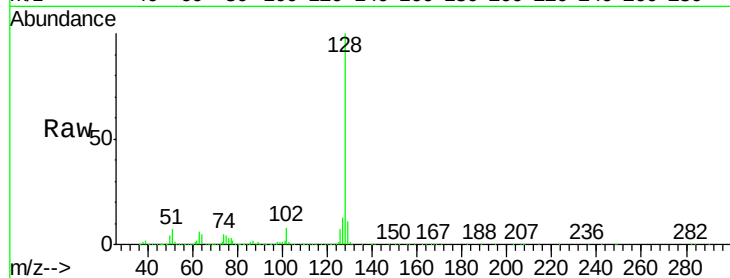
Tot Ion:128 Resp: 881102

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

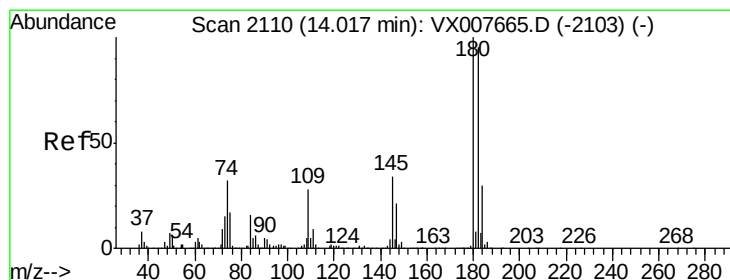
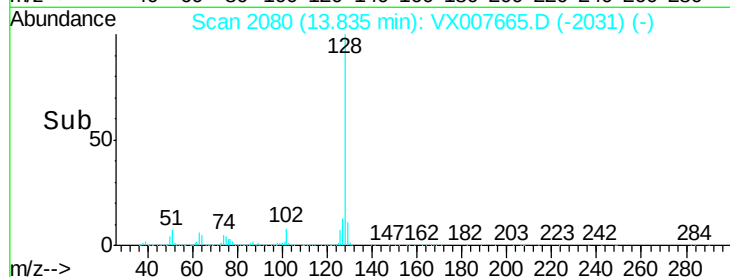
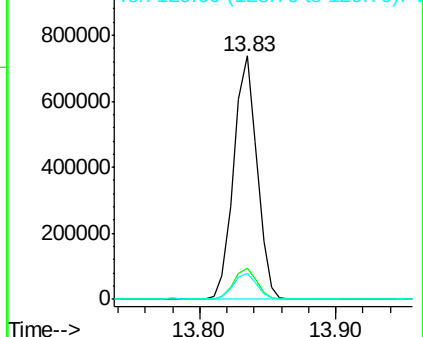
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.300 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

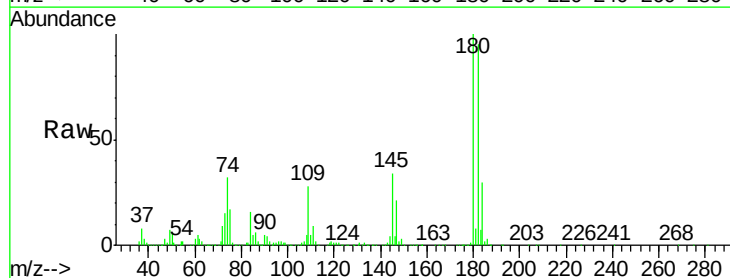
Tgt Ion:180 Resp: 254779

Ion Ratio Lower Upper

180 100

182 95.6 47.5 142.6

145 33.3 14.9 44.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

