

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030419\
 Data File : VX007825.D
 Acq On : 04 Mar 2019 21:41
 Operator : JC/SP
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 04 22:53:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	302219	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	451746	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	393480	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	204621	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	152136	40.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.28%	
35) Dibromofluoromethane	5.50	113	135867	44.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.98%	
50) Toluene-d8	8.71	98	492546	42.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.20%	
62) 4-Bromofluorobenzene	11.13	95	177373	41.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	114680	41.192	ug/l	99
3) Chloromethane	1.33	50	141925	46.003	ug/l	100
4) Vinyl Chloride	1.41	62	147991	46.756	ug/l	99
5) Bromomethane	1.64	94	78111	38.832	ug/l	99
6) Chloroethane	1.71	64	118455	58.577	ug/l	99
7) Trichlorofluoromethane	1.93	101	203737	41.988	ug/l	98
8) Diethyl Ether	2.19	74	92906	46.654	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.39	101	124783	42.548	ug/l	98
10) Methyl Iodide	2.51	142	186310	51.019	ug/l	96
11) Tert butyl alcohol	3.08	59	184064	259.143	ug/l	100
12) 1,1-Dichloroethene	2.37	96	123201	46.604	ug/l	94
13) Acrolein	2.30	56	183291	290.402	ug/l	100
14) Allyl chloride	2.73	41	265368	54.289	ug/l	89
15) Acrylonitrile	3.15	53	442641	264.816	ug/l	99
16) Acetone	2.45	43	366778	220.320	ug/l	98
17) Carbon Disulfide	2.57	76	359924	48.938	ug/l	99
18) Methyl Acetate	2.78	43	227210	62.546	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	451574	49.053	ug/l	99
20) Methylene Chloride	2.85	84	145235	47.246	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	132783	46.203	ug/l	95
22) Diisopropyl ether	3.87	45	495200	48.666	ug/l	94
23) Vinyl Acetate	3.82	43	2172046	243.299	ug/l	98
24) 1,1-Dichloroethane	3.70	63	265128	47.942	ug/l	99
25) 2-Butanone	4.70	43	613050	241.753	ug/l	94
26) 2,2-Dichloropropane	4.59	77	174228	39.468	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	161258	44.098	ug/l	94
28) Bromochloromethane	5.02	49	125452	46.598	ug/l	87
29) Tetrahydrofuran	5.15	42	407598	243.842	ug/l	94
30) Chloroform	5.21	83	253627	42.815	ug/l	100
31) Cyclohexane	5.57	56	233010	44.793	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	216357	44.163	ug/l	98
36) 1,1-Dichloropropene	5.80	75	189621	46.689	ug/l	97
37) Ethyl Acetate	4.85	43	230522	51.096	ug/l	100
38) Carbon Tetrachloride	5.78	117	190277	46.640	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	224841	43.803	ug/l	94
40) Benzene	6.14	78	584834	46.648	ug/l	100
41) Methacrylonitrile	5.06	41	131805	54.712	ug/l	94
42) 1,2-Dichloroethane	6.20	62	193824	45.997	ug/l	98
43) Isopropyl Acetate	6.46	43	361703	52.093	ug/l	98
44) Trichloroethene	7.21	130	158224	45.877	ug/l	96
45) 1,2-Dichloropropane	7.51	63	158816	48.902	ug/l	99
46) Dibromomethane	7.66	93	99336	43.844	ug/l	97
47) Bromodichloromethane	7.90	83	197365	50.267	ug/l	98
48) Methyl methacrylate	7.77	41	187752	51.585	ug/l	91
49) 1,4-Dioxane	7.75	88	76784	976.769	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	1153448	248.171	ug/l	99
52) Toluene	8.79	92	354931	44.895	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	215443	44.466	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	236746	49.687	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	149645	45.392	ug/l	99
56) Ethyl methacrylate	9.18	69	235056	50.138	ug/l	94
57) 1,3-Dichloropropane	9.37	76	249001	47.183	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	609572	235.783	ug/l	97
59) 2-Hexanone	9.49	43	874616	239.690	ug/l	99
60) Dibromochloromethane	9.58	129	165939	52.310	ug/l	99
61) 1,2-Dibromoethane	9.67	107	157632	46.053	ug/l	99
64) Tetrachloroethene	9.34	164	155496	48.679	ug/l	97
65) Chlorobenzene	10.14	112	394253	46.327	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	149718	50.435	ug/l	99
67) Ethyl Benzene	10.25	91	667344	47.337	ug/l	100
68) m/p-Xylenes	10.36	106	514328	93.780	ug/l	98
69) o-Xylene	10.69	106	251593	47.692	ug/l	97
70) Styrene	10.71	104	415130	47.875	ug/l	100
71) Bromoform	10.85	173	135023	60.656	ug/l #	99
73) Isopropylbenzene	11.02	105	668935	45.741	ug/l	99
74) N-amyl acetate	10.90	43	315695	49.709	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	229332	45.339	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	264373	60.614	ug/l	79
77) Bromobenzene	11.26	156	177616	48.421	ug/l	94
78) n-propylbenzene	11.36	91	743987	45.019	ug/l	98
79) 2-Chlorotoluene	11.42	91	442888	44.509	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	548650	45.609	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	70628	43.791	ug/l	89
82) 4-Chlorotoluene	11.51	91	511314	43.925	ug/l	98
83) tert-Butylbenzene	11.77	119	558330	48.340	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	567360	46.108	ug/l	98
85) sec-Butylbenzene	11.94	105	662077	45.744	ug/l	98
86) p-Isopropyltoluene	12.06	119	593411	46.817	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	314827	46.271	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	317501	45.563	ug/l	99
89) n-Butylbenzene	12.38	91	497784	44.036	ug/l	99
90) Hexachloroethane	12.60	117	104939	49.136	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	319725	46.964	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	50555	45.871	ug/l	99

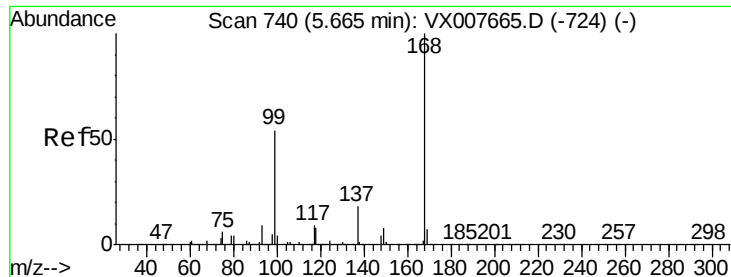
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	228869	55.075	ug/l	99
94) Hexachlorobutadiene	13.78	225	118544	62.357	ug/l	100
95) Naphthalene	13.83	128	692407	51.428	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	228408	54.739	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

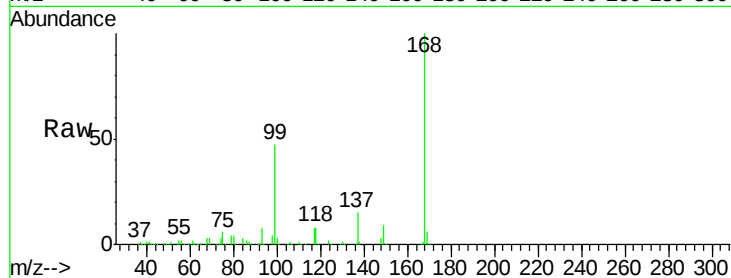
VSTDCCC050EC

Tot Ion:168 Resp: 302219

Ion Ratio Lower Upper

168 100

99 46.8 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

120000

100000

80000

60000

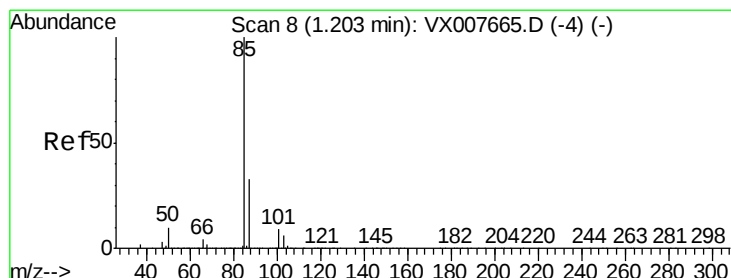
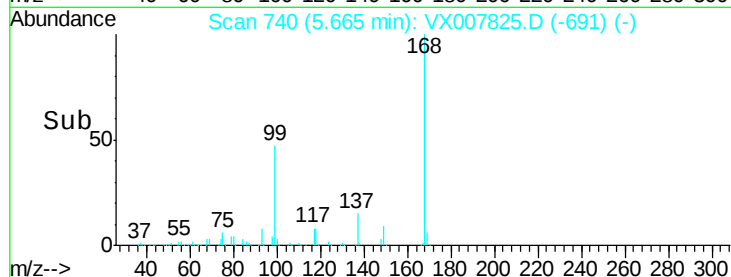
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 41.192 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.01 min

Lab File: VX007825.D

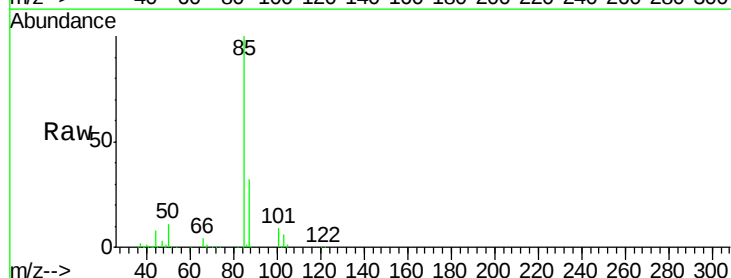
Acq: 04 Mar 2019 21:41

Tgt Ion: 85 Resp: 114680

Ion Ratio Lower Upper

85 100

87 32.0 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

120000

100000

80000

60000

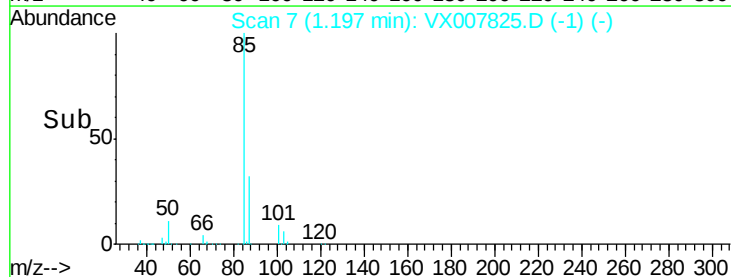
40000

20000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 46.003 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

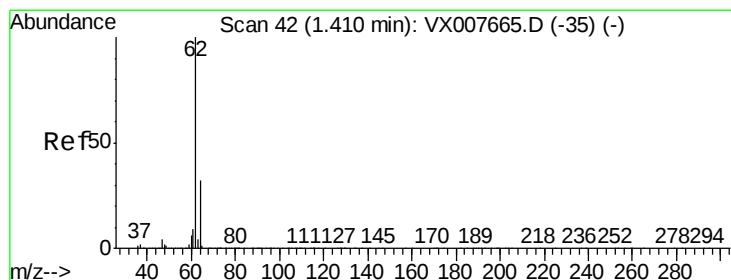
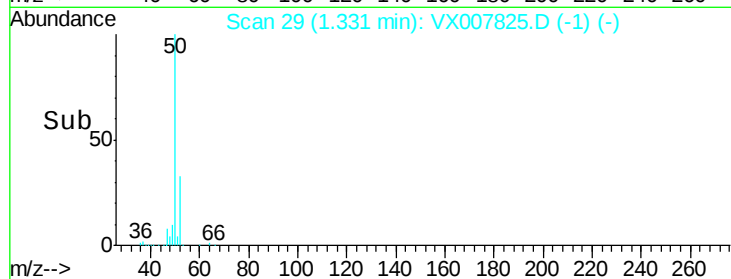
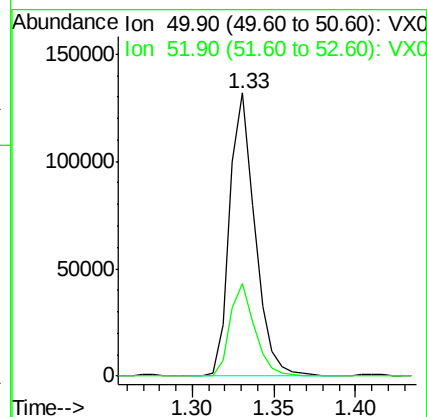
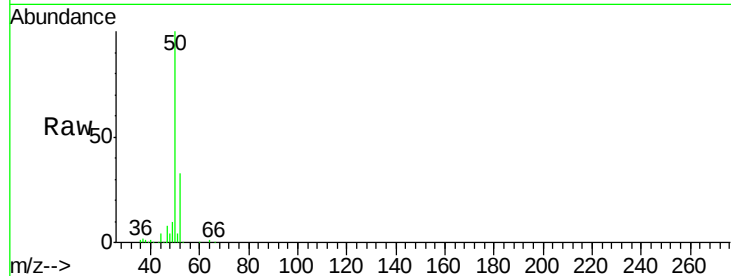
VSTDCCC050EC

Tot Ion: 50 Resp: 141925

Ion Ratio Lower Upper

50 100

52 32.7 26.1 39.1



#4

Vinyl Chloride

Concen: 46.756 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007825.D

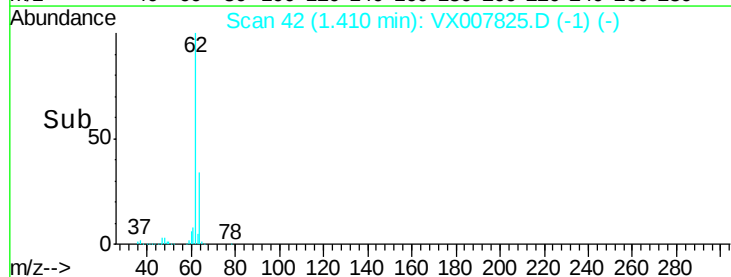
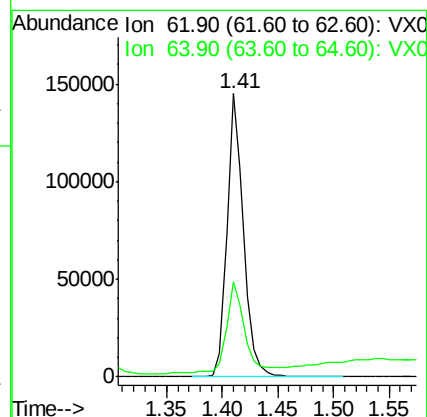
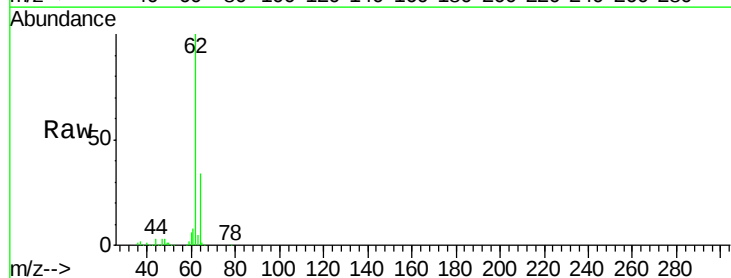
Acq: 04 Mar 2019 21:41

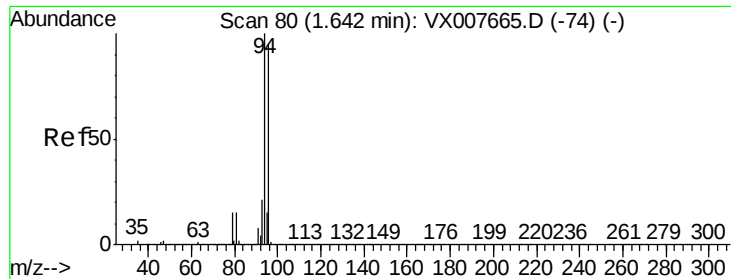
Tgt Ion: 62 Resp: 147991

Ion Ratio Lower Upper

62 100

64 32.2 25.4 38.0





#5

Bromomethane

Concen: 38.832 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

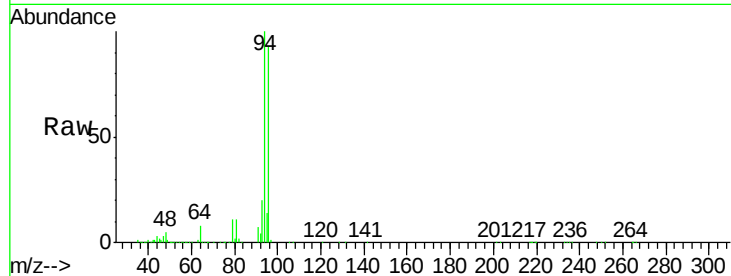
VSTDCCC050EC

Tot Ion: 94 Resp: 78111

Ion Ratio Lower Upper

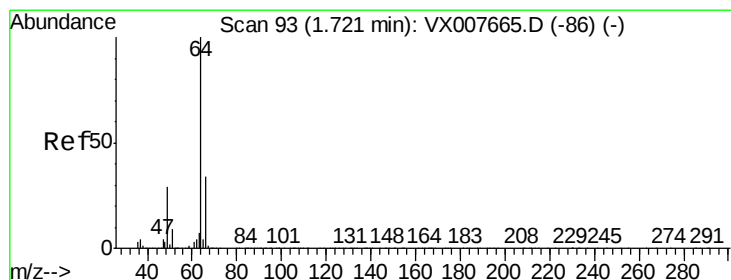
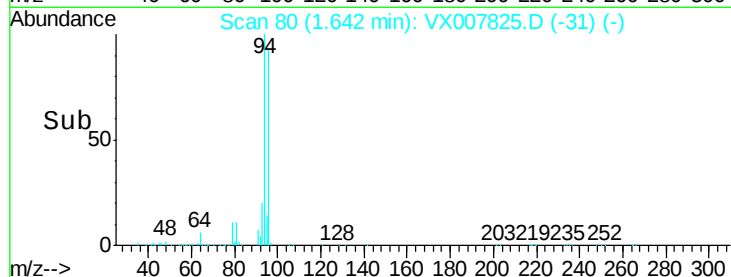
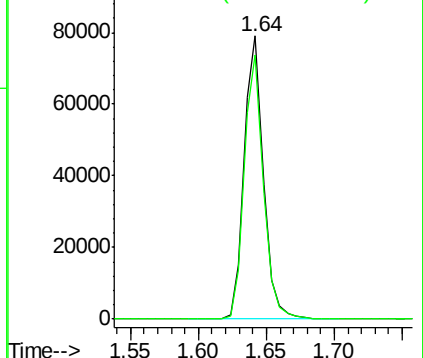
94 100

96 93.3 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: 58.577 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX007825.D

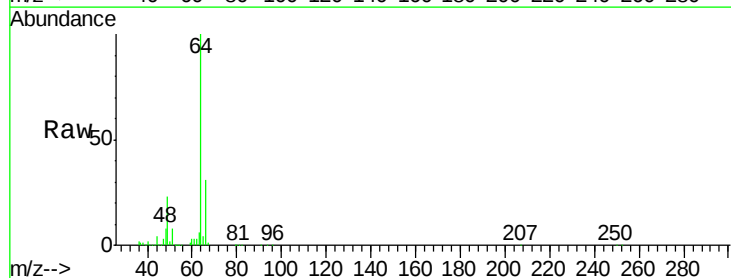
Acq: 04 Mar 2019 21:41

Tgt Ion: 64 Resp: 118455

Ion Ratio Lower Upper

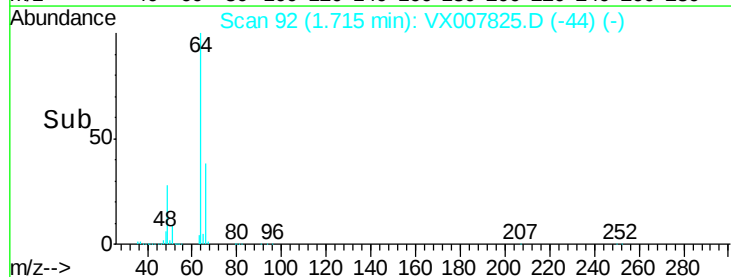
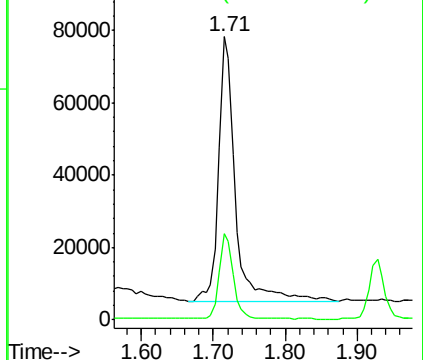
64 100

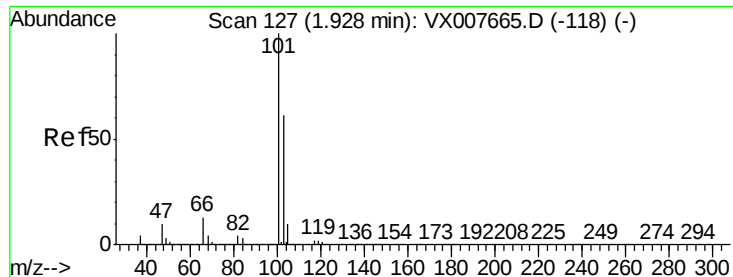
66 32.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



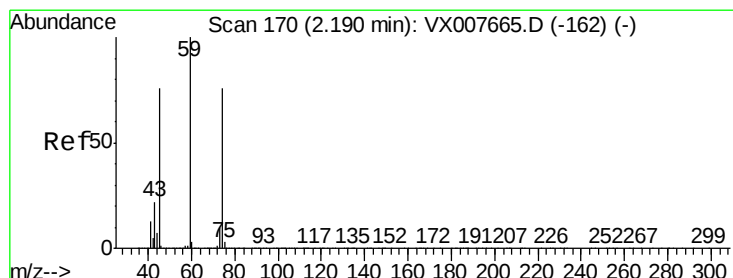
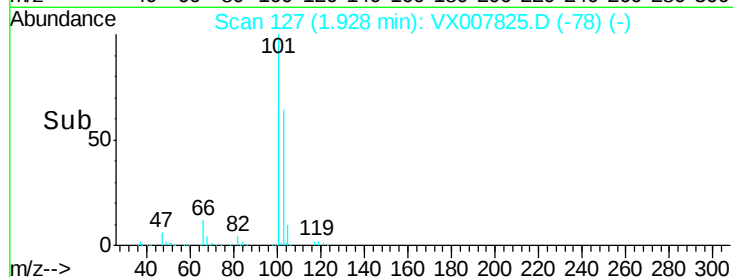
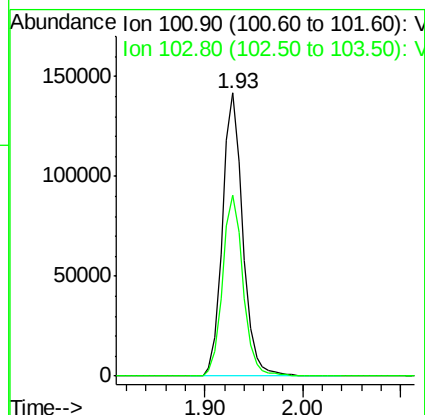
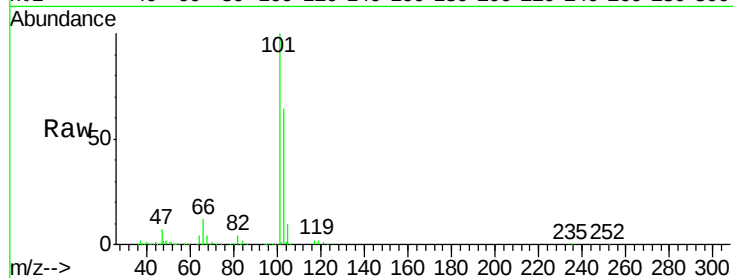


#7

Trichlorofluoromethane
Concen: 41.988 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX007825.D
Acq: 04 Mar 2019 21:41

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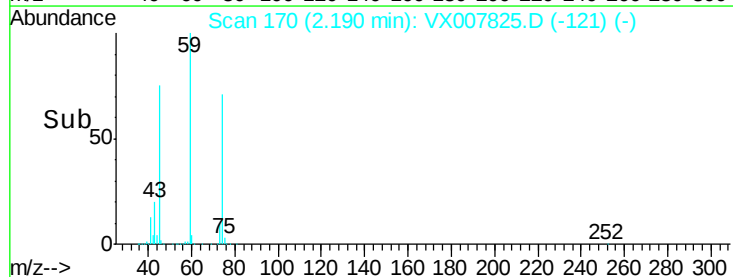
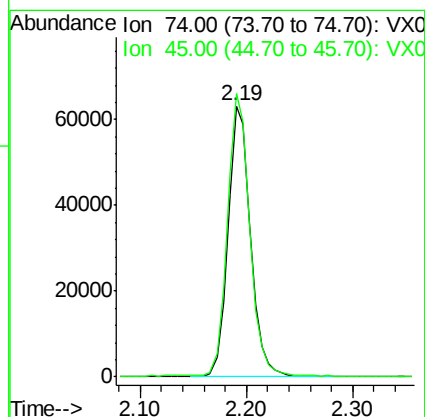
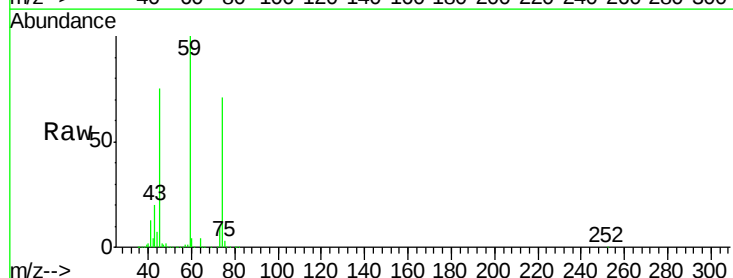
Tot Ion:101 Resp: 203737
Ion Ratio Lower Upper
101 100
103 64.0 52.6 79.0



#8

Diethyl Ether
Concen: 46.654 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007825.D
Acq: 04 Mar 2019 21:41

Tgt Ion: 74 Resp: 92906
Ion Ratio Lower Upper
74 100
45 103.7 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.548 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

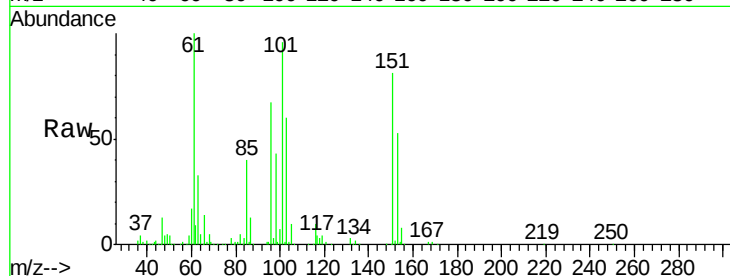
Tot Ion:101 Resp: 124783

Ion Ratio Lower Upper

101 100

85 42.2 34.1 51.1

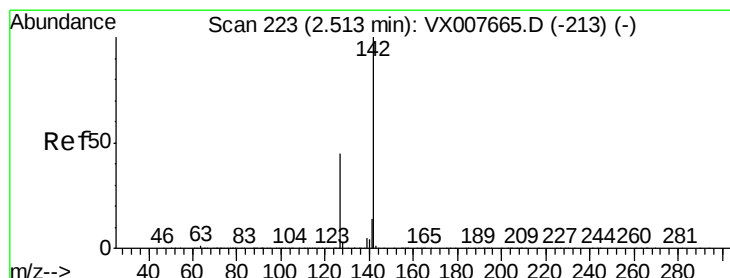
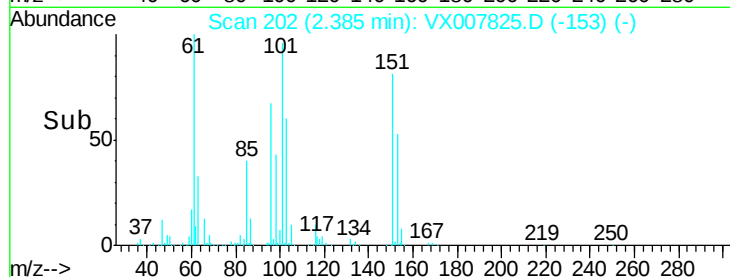
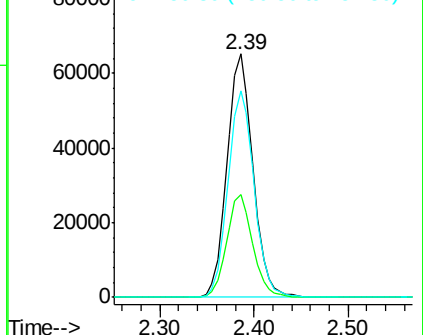
151 85.4 69.9 104.9



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: 51.019 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

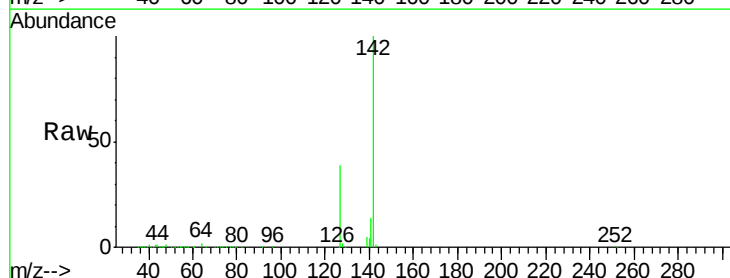
Tgt Ion:142 Resp: 186310

Ion Ratio Lower Upper

142 100

127 39.1 33.7 50.5

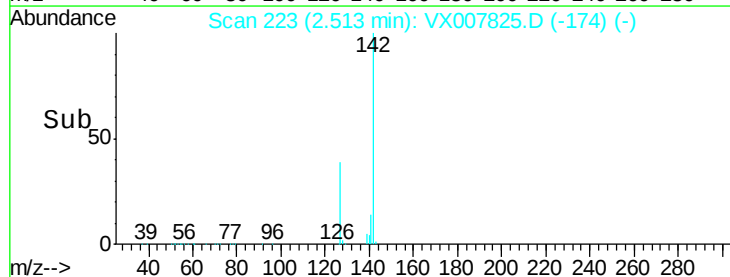
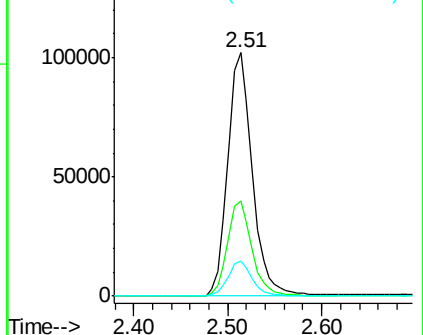
141 14.3 11.3 16.9



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



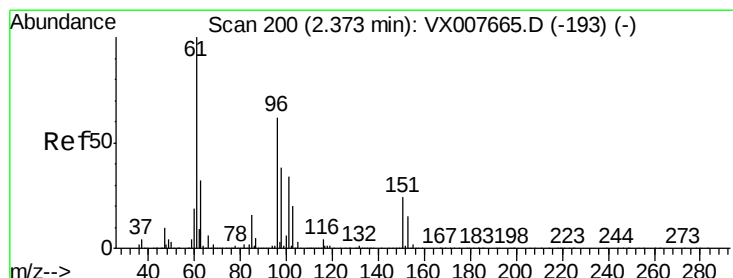
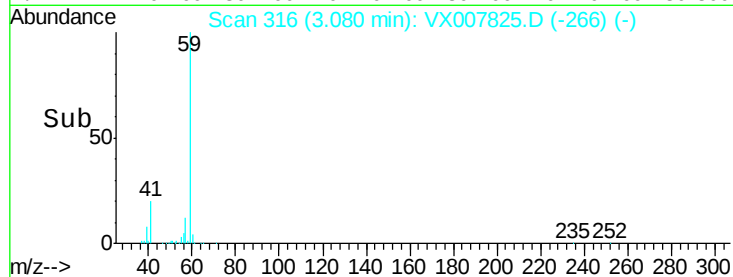
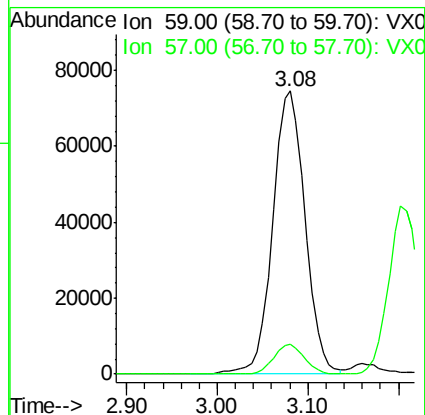
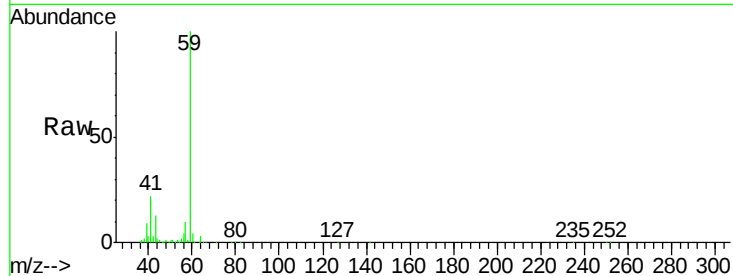


#11

Tert butyl alcohol
 Concen: 259.143 ug/l
 RT: 3.08 min Scan# 316
 Delta R.T. 0.01 min
 Lab File: VX007825.D
 Acq: 04 Mar 2019 21:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

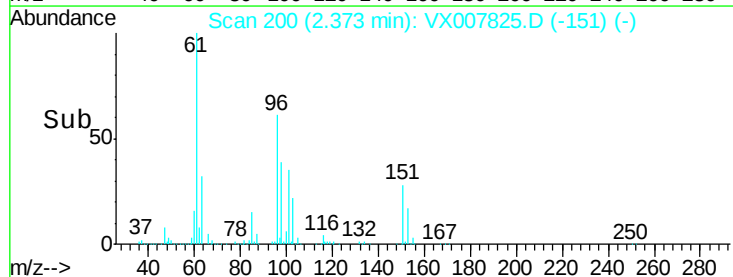
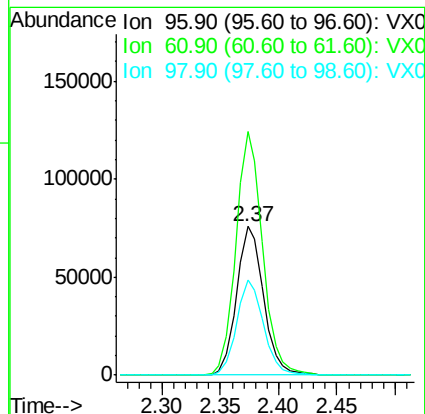
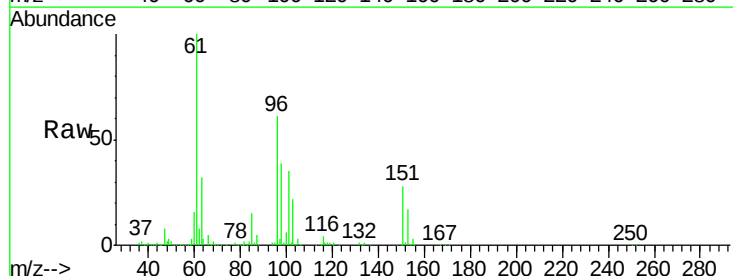
Tot Ion: 59 Resp: 184064
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.1 12.1

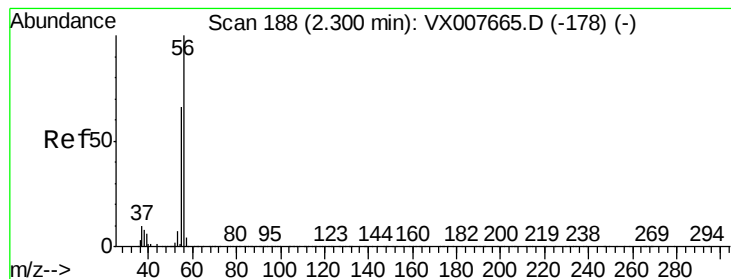


#12

1,1-Dichloroethene
 Concen: 46.604 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX007825.D
 Acq: 04 Mar 2019 21:41

Tgt Ion: 96 Resp: 123201
 Ion Ratio Lower Upper
 96 100
 61 164.0 123.0 184.4
 98 64.2 50.9 76.3





#13

Acrolein

Concen: 290.402 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

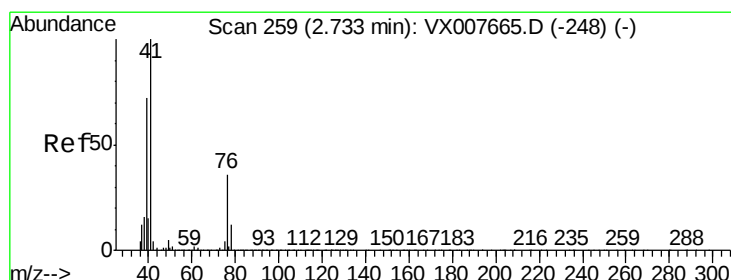
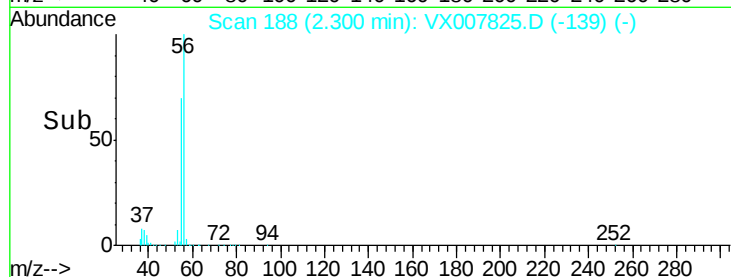
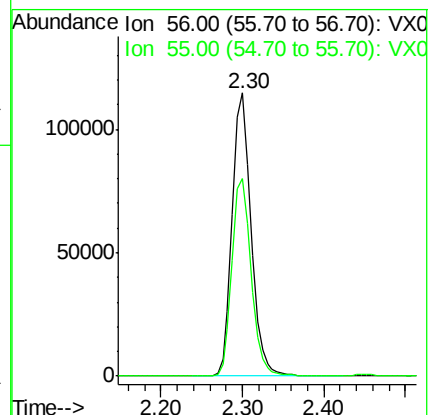
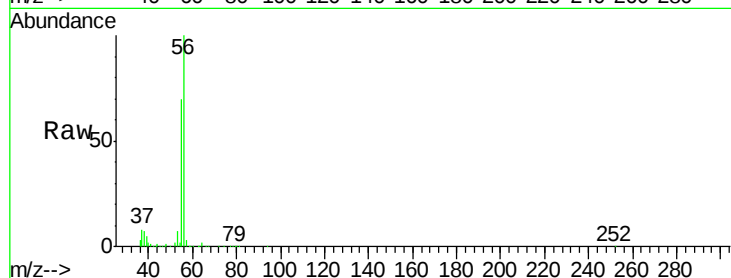
VSTDCCC050EC

Tot Ion: 56 Resp: 183291

Ion Ratio Lower Upper

56 100

55 71.1 56.9 85.3



#14

Allyl chloride

Concen: 54.289 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

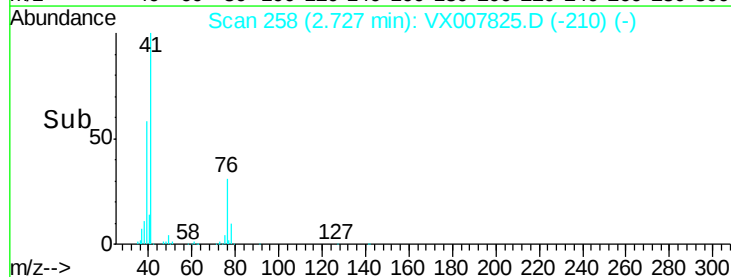
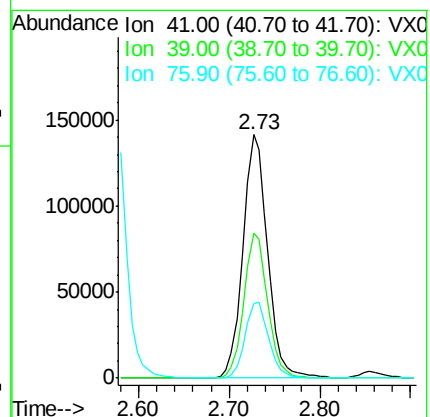
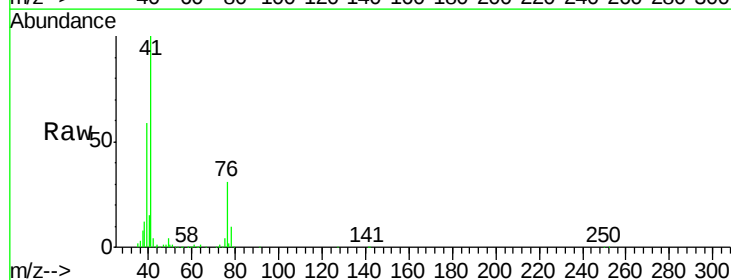
Tgt Ion: 41 Resp: 265368

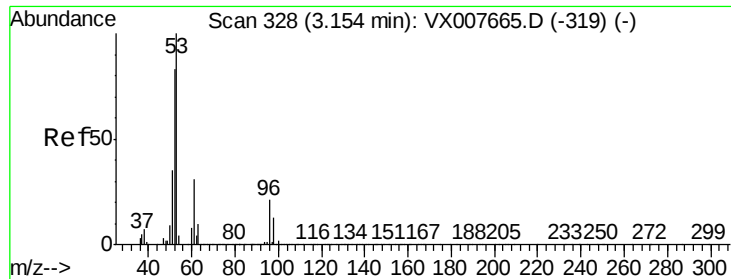
Ion Ratio Lower Upper

41 100

39 57.2 54.1 81.1

76 30.0 27.8 41.8





#15

Acrylonitrile

Concen: 264.816 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

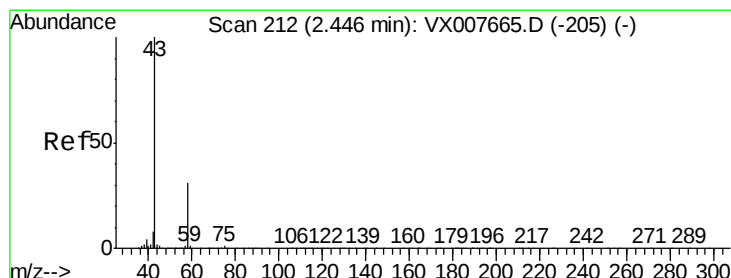
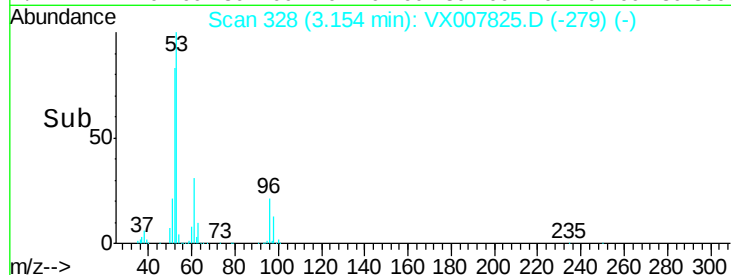
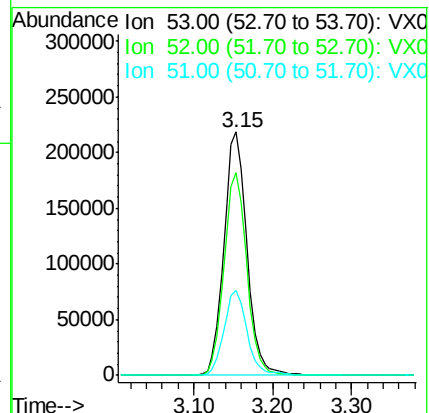
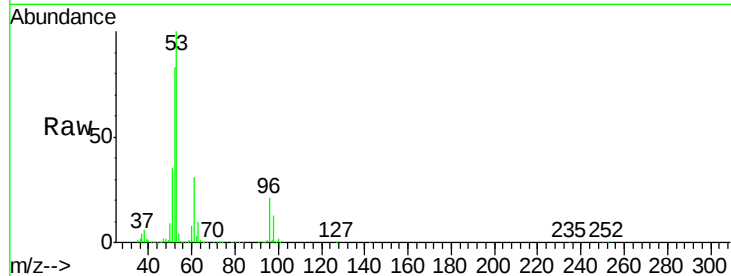
Tot Ion: 53 Resp: 442641

Ion Ratio Lower Upper

53 100

52 82.6 66.4 99.6

51 35.1 28.4 42.6



#16

Acetone

Concen: 220.320 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX007825.D

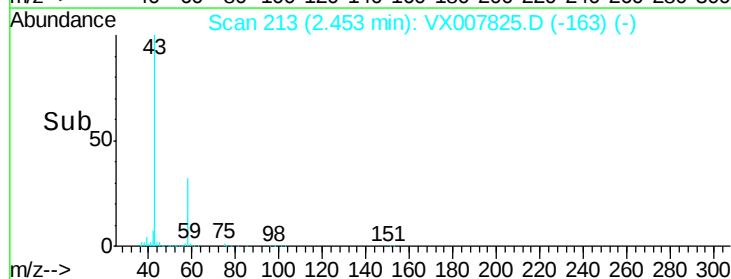
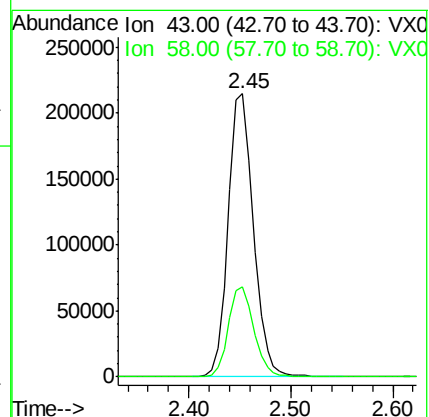
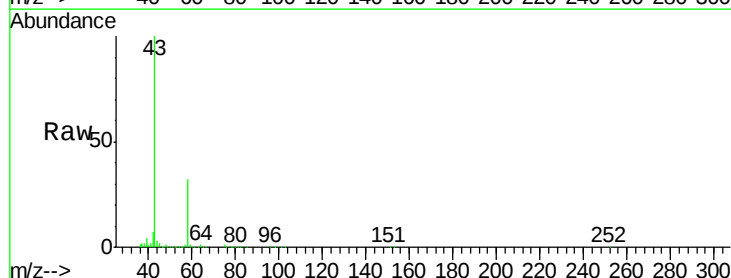
Acq: 04 Mar 2019 21:41

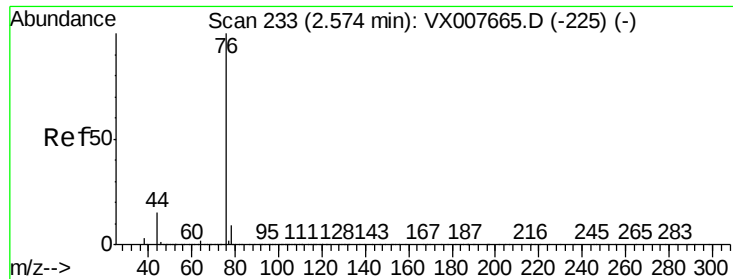
Tgt Ion: 43 Resp: 366778

Ion Ratio Lower Upper

43 100

58 32.0 24.9 37.3

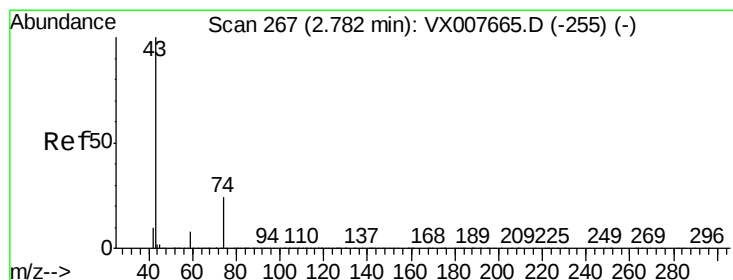
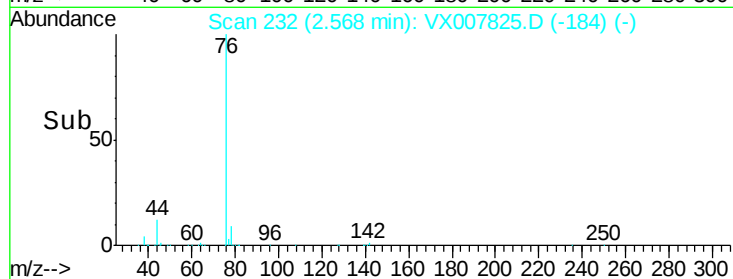
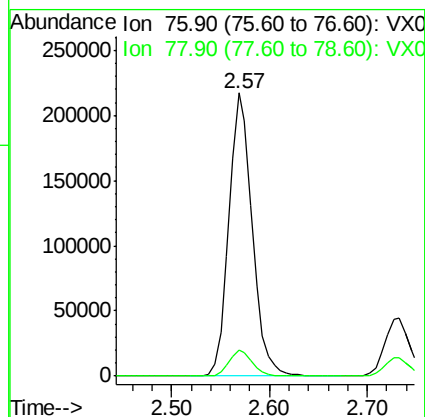
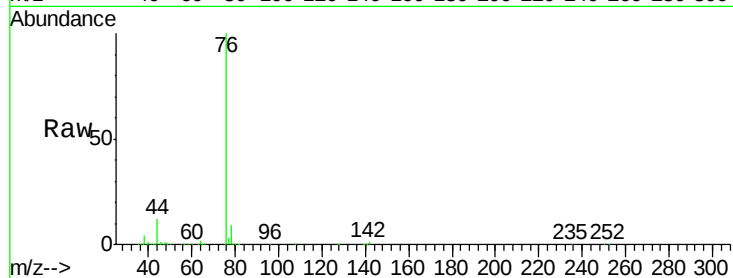




#17
Carbon Disulfide
Concen: 48.938 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.01 min
Lab File: VX007825.D
Acq: 04 Mar 2019 21:41

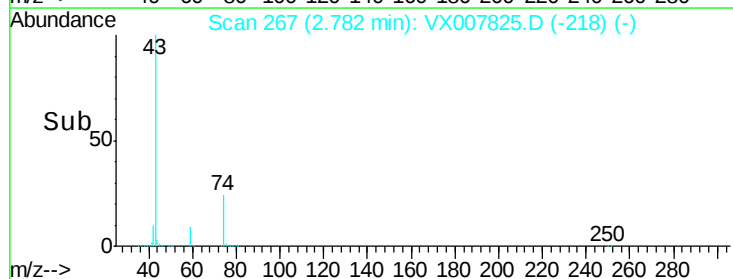
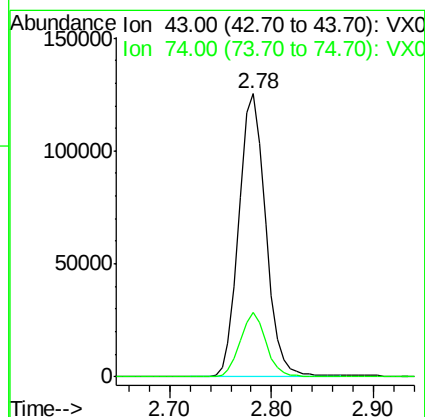
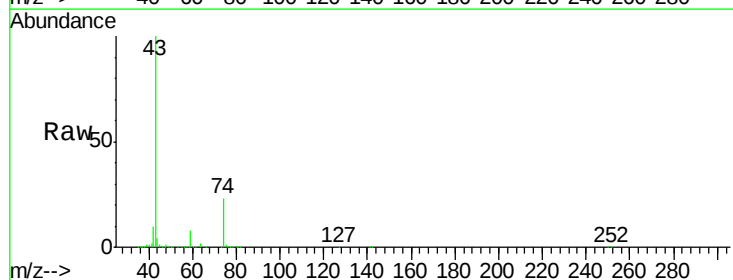
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

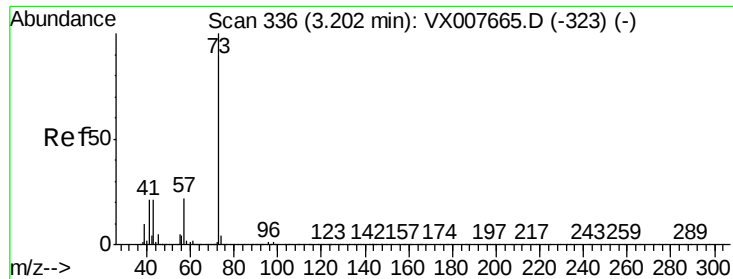
Tot Ion: 76 Resp: 359924
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#18
Methyl Acetate
Concen: 62.546 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX007825.D
Acq: 04 Mar 2019 21:41

Tgt Ion: 43 Resp: 227210
Ion Ratio Lower Upper
43 100
74 22.1 19.4 29.2

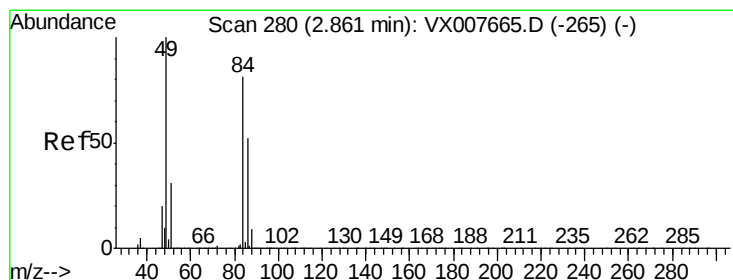
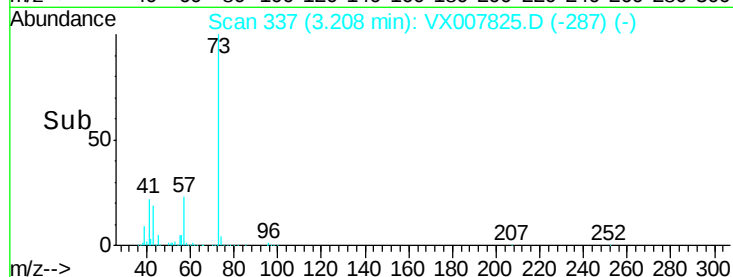
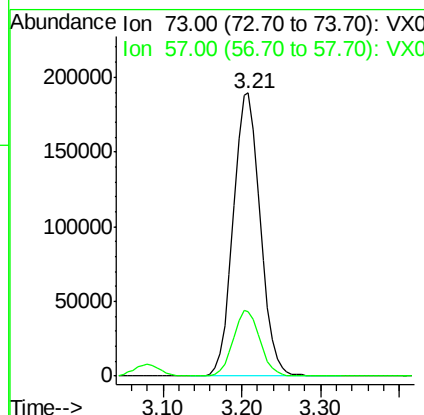
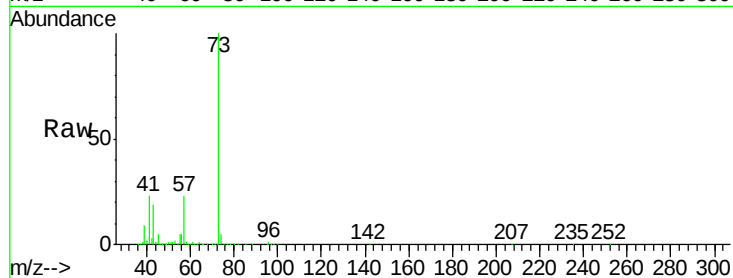




#19
Methvl tert-butvl Ether
Concen: 49.053 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX007825.D
Acq: 04 Mar 2019 21:41

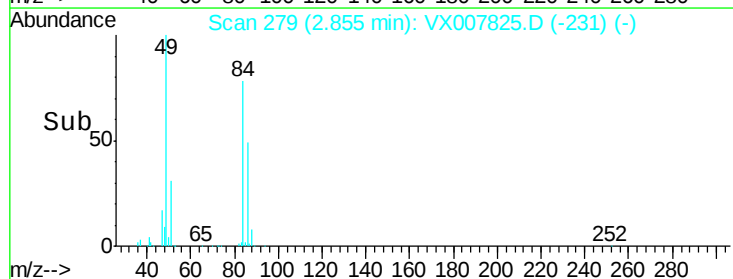
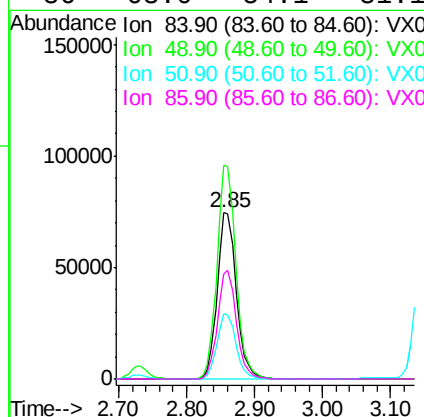
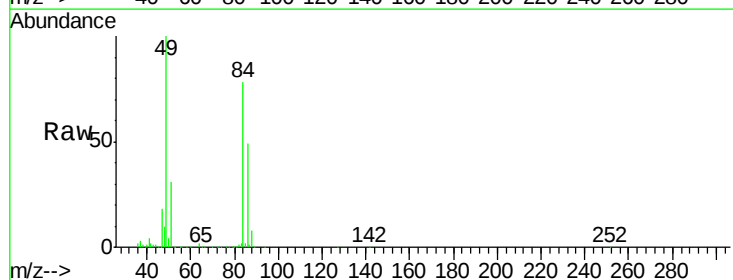
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

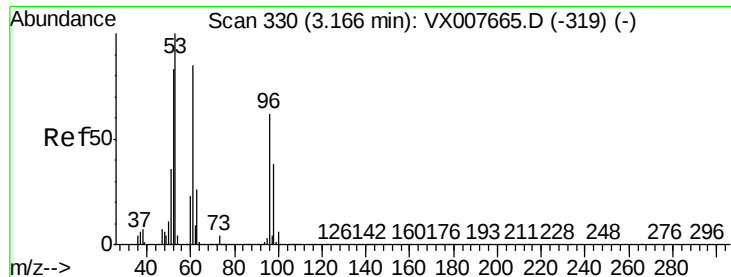
Tot Ion: 73 Resp: 451574
Ion Ratio Lower Upper
73 100
57 22.7 17.8 26.8



#20
Methylene Chloride
Concen: 47.246 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX007825.D
Acq: 04 Mar 2019 21:41

Tgt Ion: 84 Resp: 145235
Ion Ratio Lower Upper
84 100
49 128.5 94.8 142.2
51 39.6 29.8 44.8
86 63.0 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 46.203 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

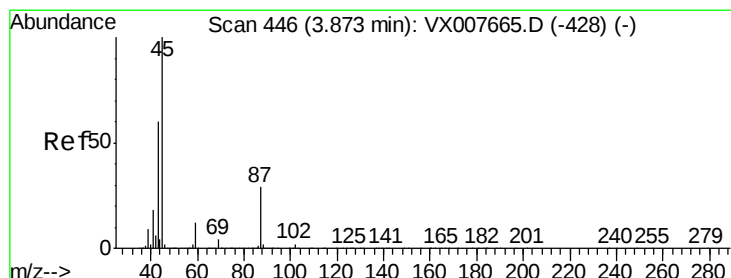
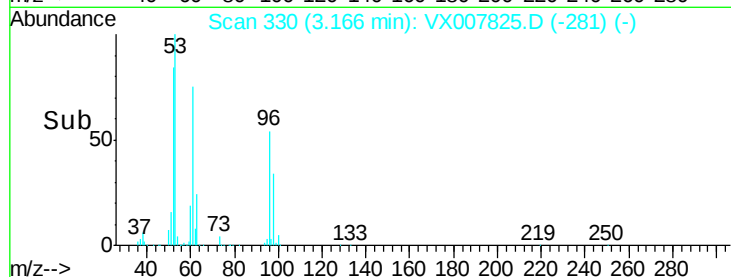
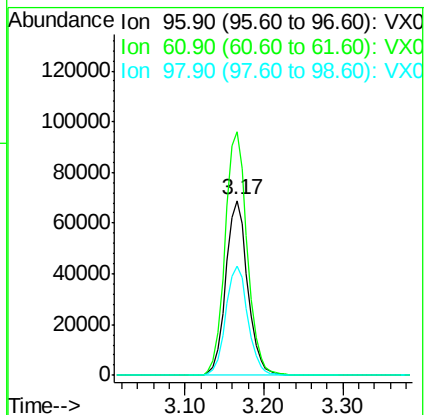
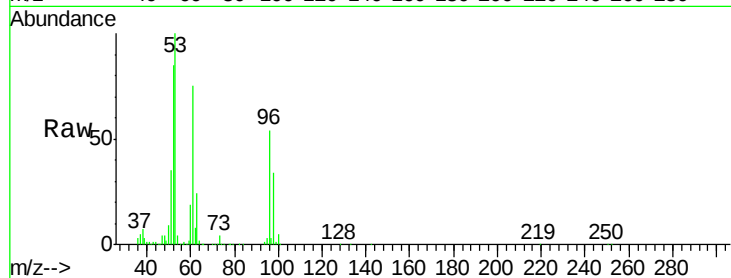
Tot Ion: 96 Resp: 132783

Ion Ratio Lower Upper

96 100

61 139.0 104.6 156.8

98 62.7 51.0 76.4



#22

Diisopropyl ether

Concen: 48.666 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

Tgt Ion: 45 Resp: 495200

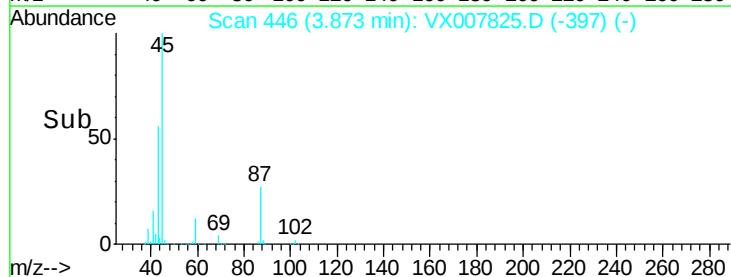
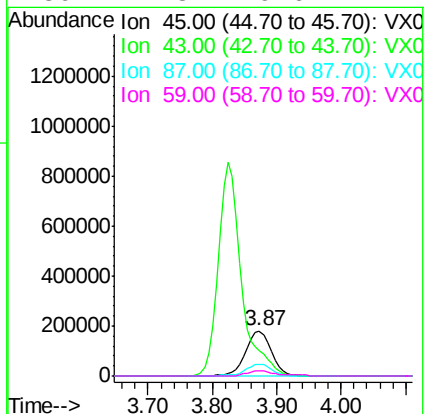
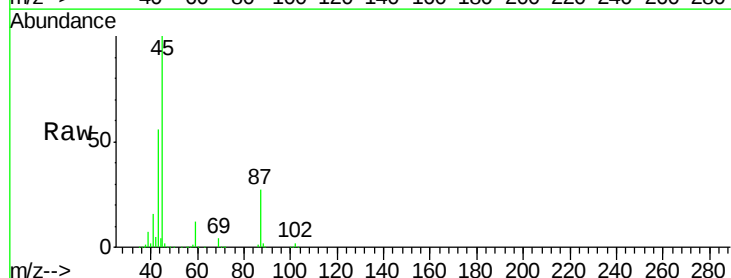
Ion Ratio Lower Upper

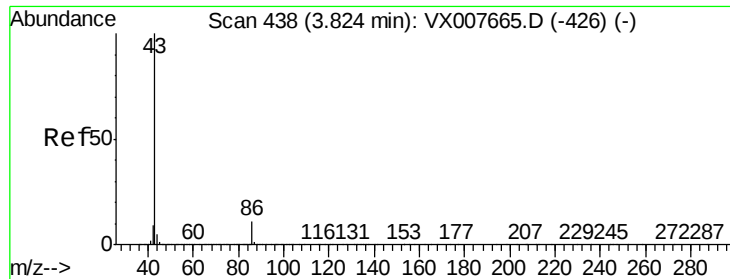
45 100

43 56.0 48.9 73.3

87 26.8 23.9 35.9

59 11.8 9.6 14.4

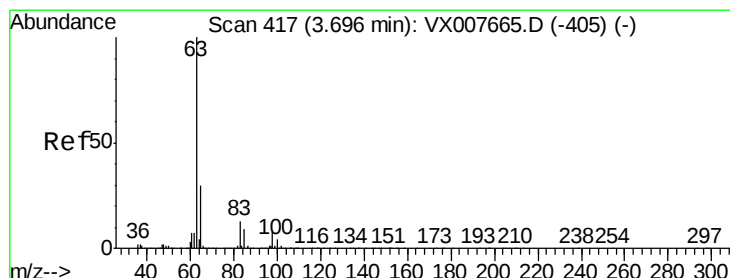
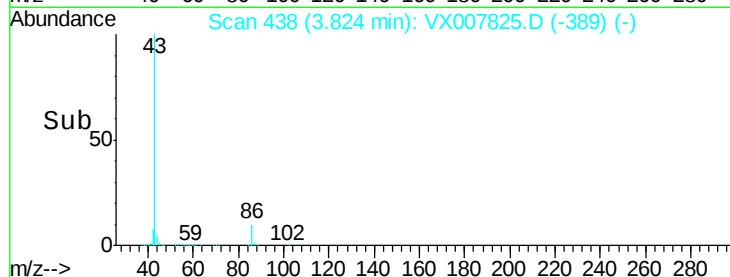
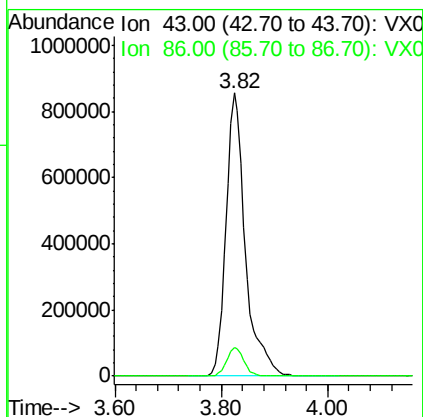
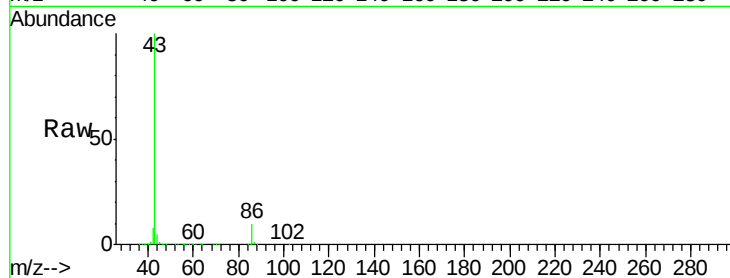




#23
 Vinyl Acetate
 Concen: 243.299 ug/l
 RT: 3.82 min Scan# 438
 Delta R.T. 0.00 min
 Lab File: VX007825.D
 Acq: 04 Mar 2019 21:41

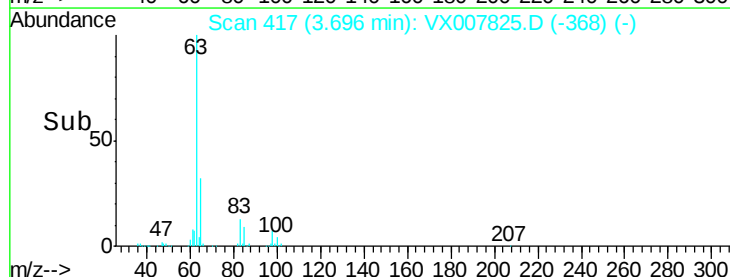
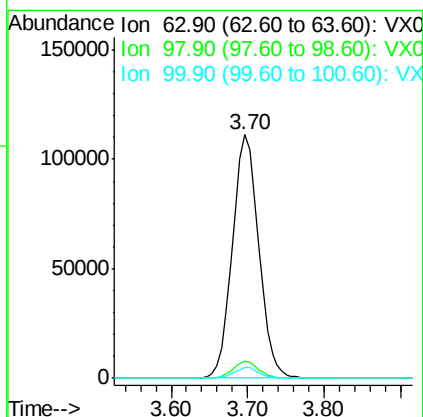
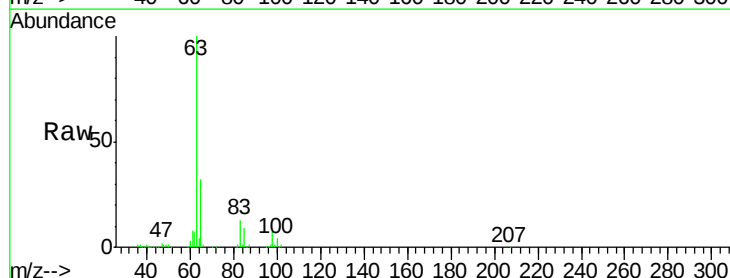
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

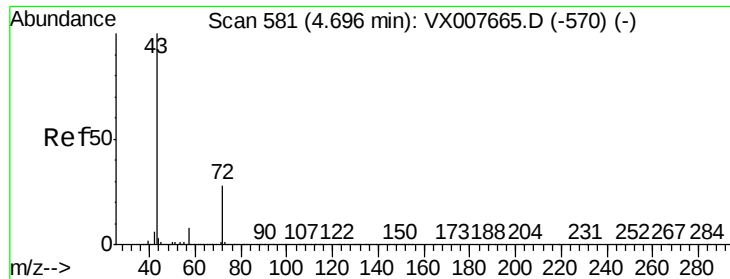
Tot Ion: 43 Resp: 2172046
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 47.942 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: VX007825.D
 Acq: 04 Mar 2019 21:41

Tgt Ion: 63 Resp: 265128
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.6 10.8
 100 4.5 2.5 7.4





#25

2-Butanone

Concen: 241.753 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

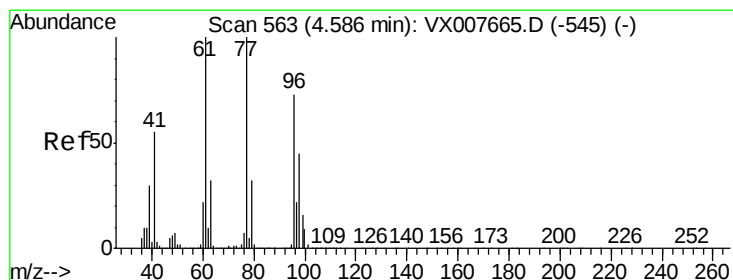
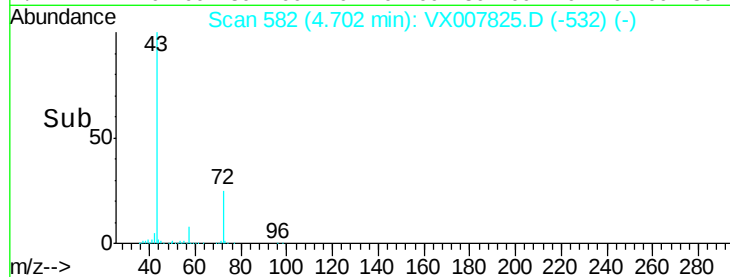
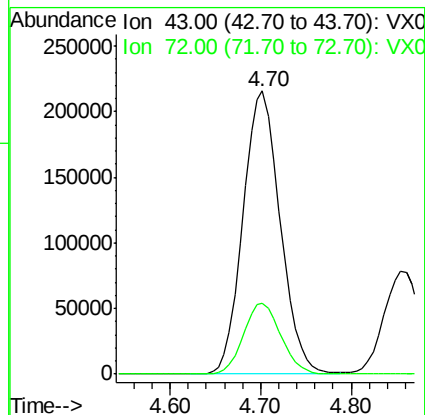
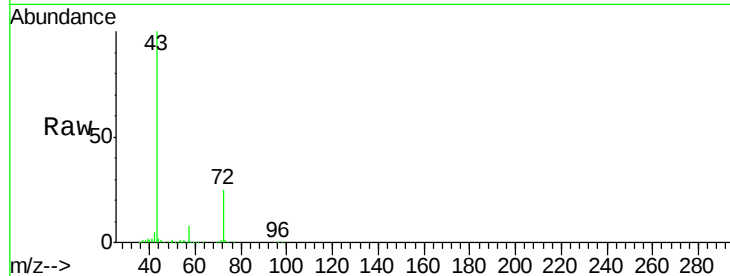
VSTDCCC050EC

Tot Ion: 43 Resp: 613050

Ion Ratio Lower Upper

43 100

72 24.8 22.2 33.2



#26

2,2-Dichloropropane

Concen: 39.468 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX007825.D

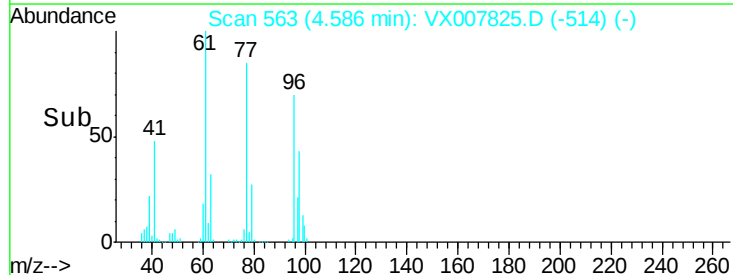
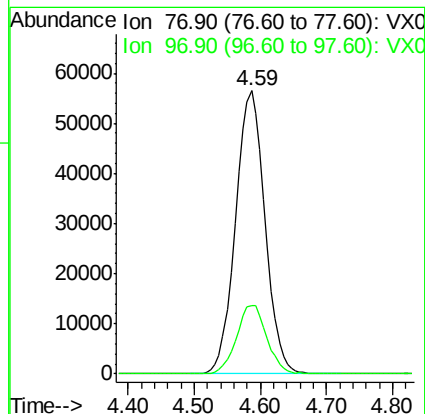
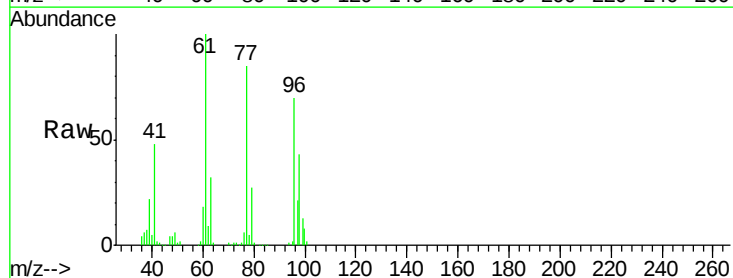
Acq: 04 Mar 2019 21:41

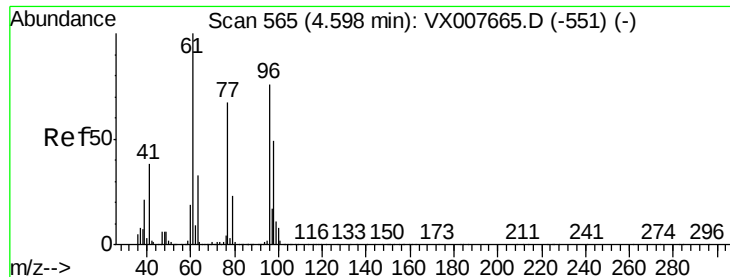
Tgt Ion: 77 Resp: 174228

Ion Ratio Lower Upper

77 100

97 24.9 12.1 36.3



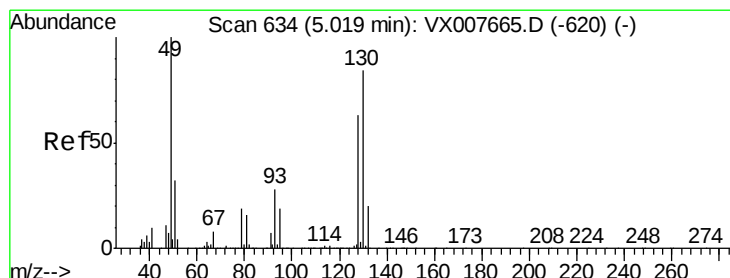
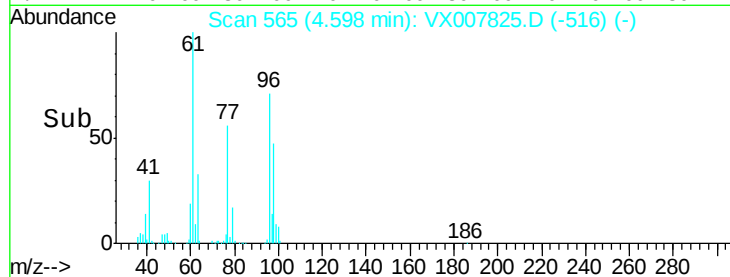
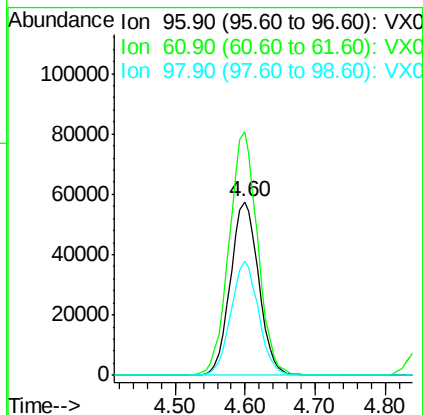
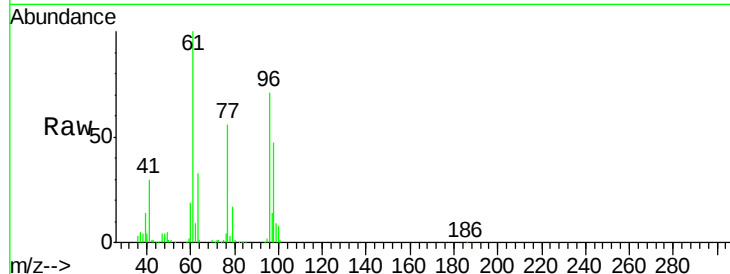


#27

cis-1,2-Dichloroethene
Concen: 44.098 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007825.D
Acq: 04 Mar 2019 21:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

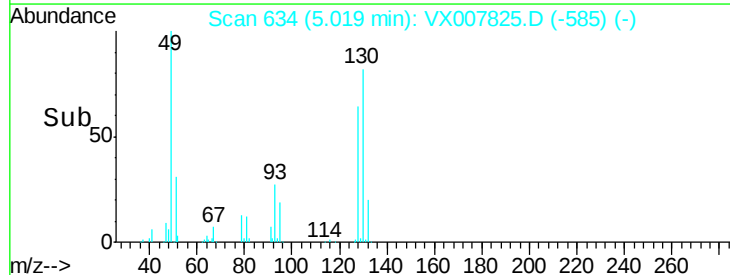
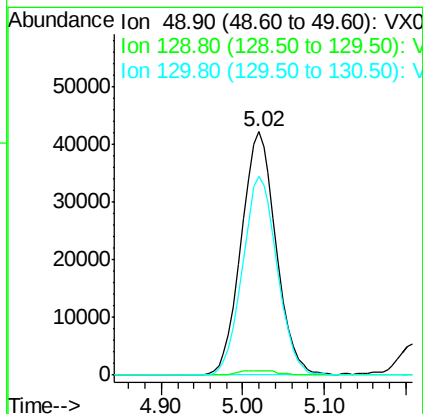
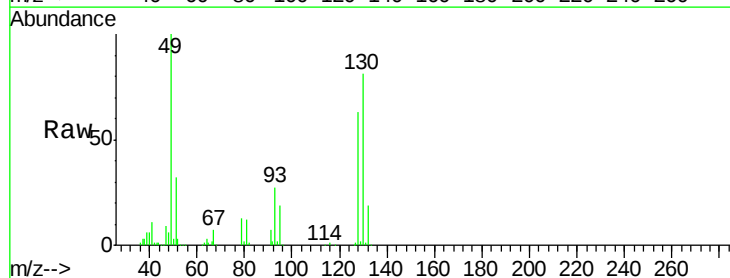
Tot Ion	Ratio	Lower	Upper
96	100		
61	142.3	0.0	265.6
98	64.7	0.0	131.6

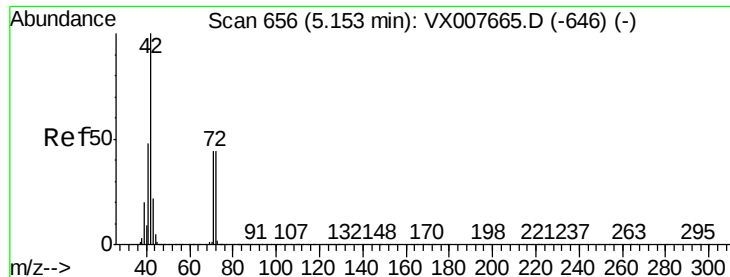


#28

Bromochloromethane
Concen: 46.598 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX007825.D
Acq: 04 Mar 2019 21:41

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	5.6
130	81.2	75.6	113.4





#29

Tetrahydrofuran

Concen: 243.842 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

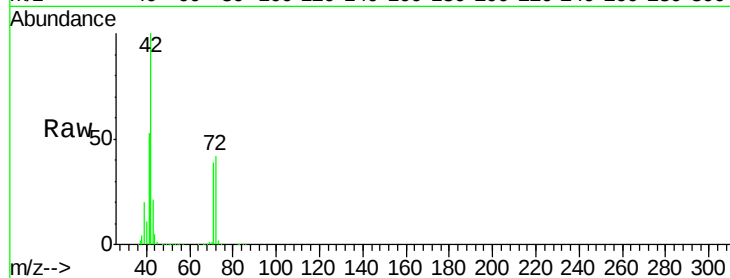
Tot Ion: 42 Resp: 407598

Ion Ratio Lower Upper

42 100

72 42.8 37.6 56.4

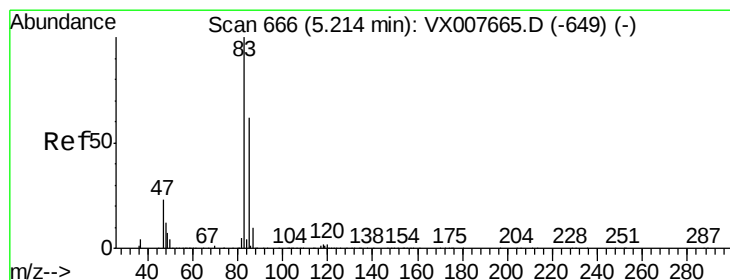
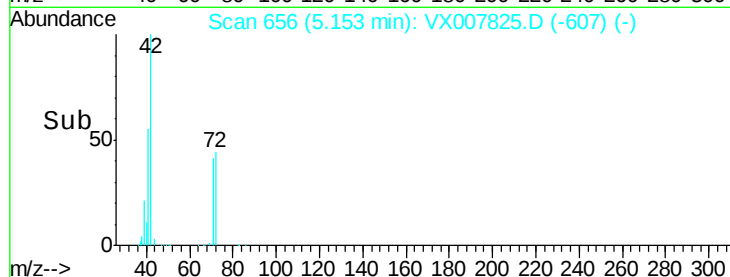
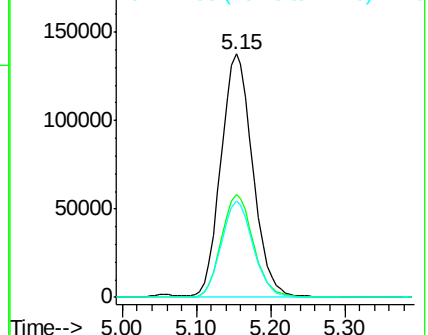
71 39.9 34.6 51.8



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: 42.815 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX007825.D

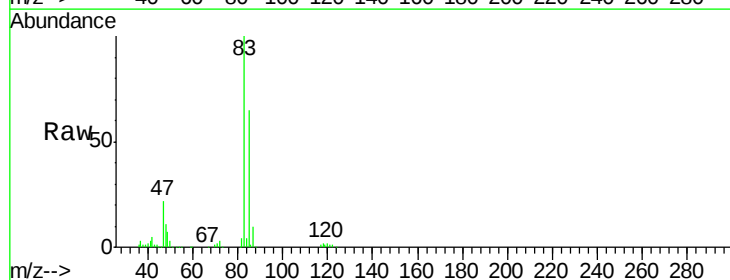
Acq: 04 Mar 2019 21:41

Tgt Ion: 83 Resp: 253627

Ion Ratio Lower Upper

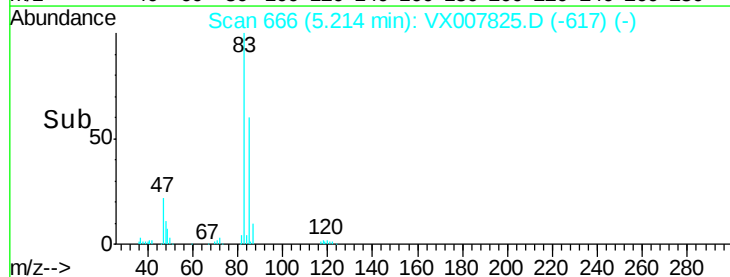
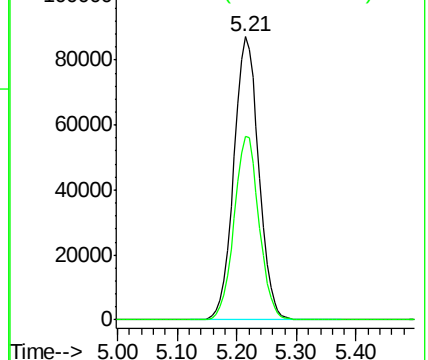
83 100

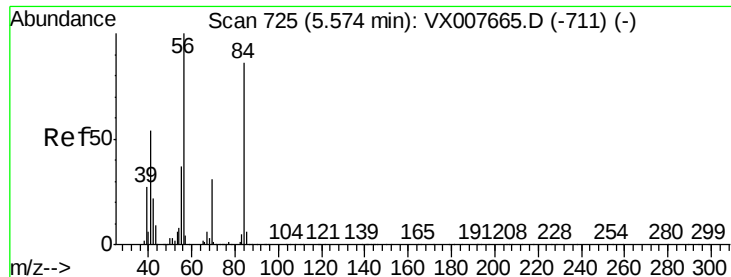
85 64.9 51.6 77.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

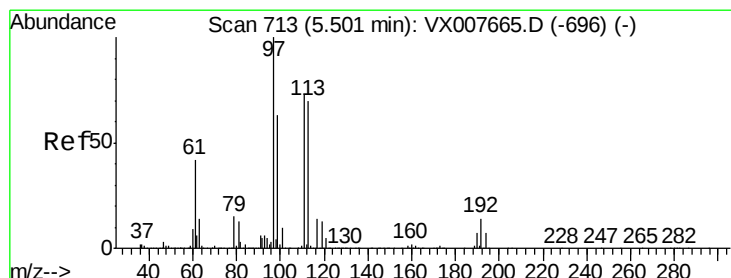
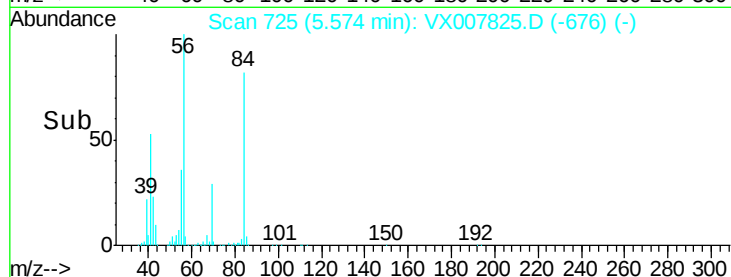
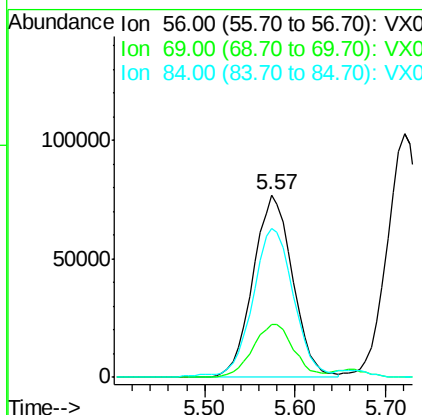
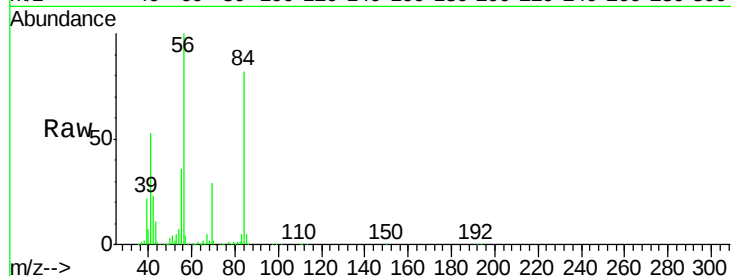




#31
Cyclohexane
Concen: 44.793 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX007825.D
Acq: 04 Mar 2019 21:41

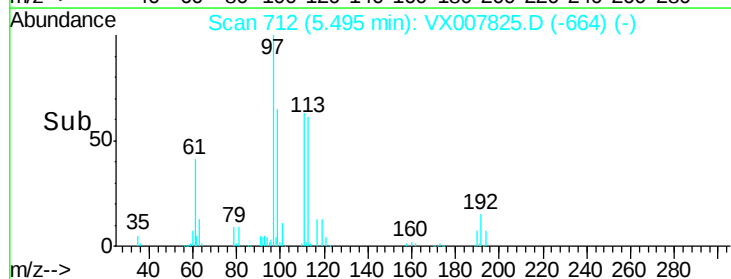
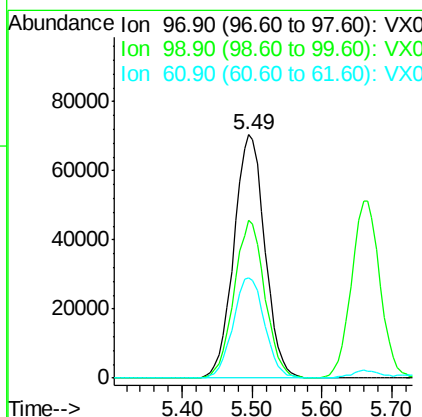
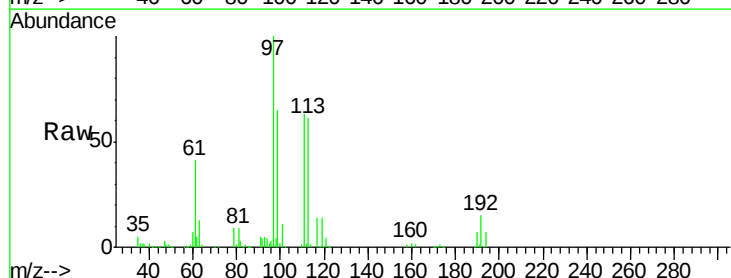
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

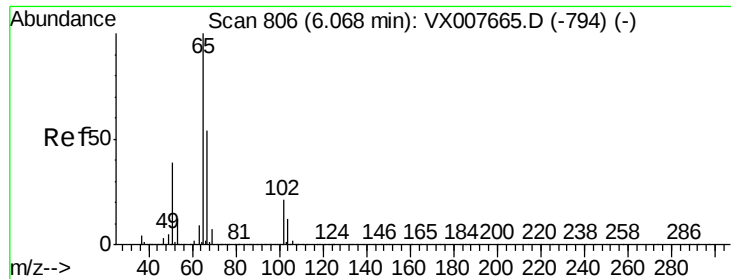
Tot Ion: 56 Resp: 233010
Ion Ratio Lower Upper
56 100
69 28.8 23.0 34.6
84 80.4 69.8 104.6



#32
1,1,1-Trichloroethane
Concen: 44.163 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007825.D
Acq: 04 Mar 2019 21:41

Tgt Ion: 97 Resp: 216357
Ion Ratio Lower Upper
97 100
99 64.2 52.2 78.2
61 42.1 32.7 49.1





#33

1,2-Dichloroethane-d4

Concen: 40.640 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

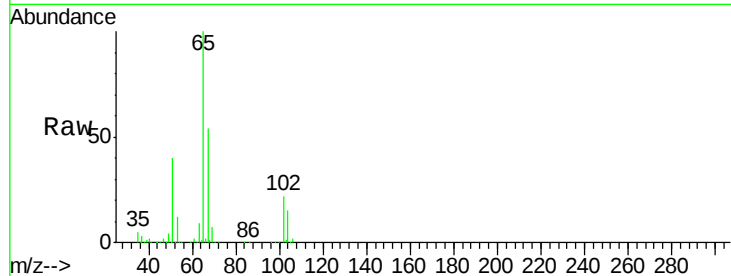
VSTDCCC050EC

Tot Ion: 65 Resp: 152136

Ion Ratio Lower Upper

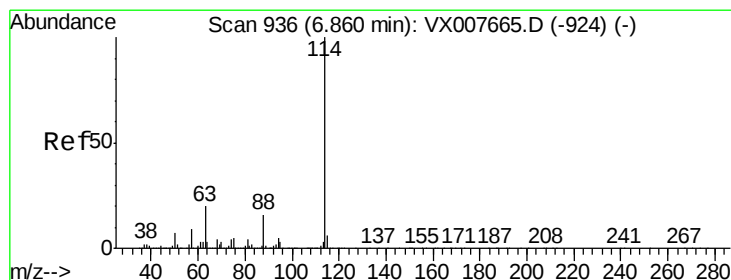
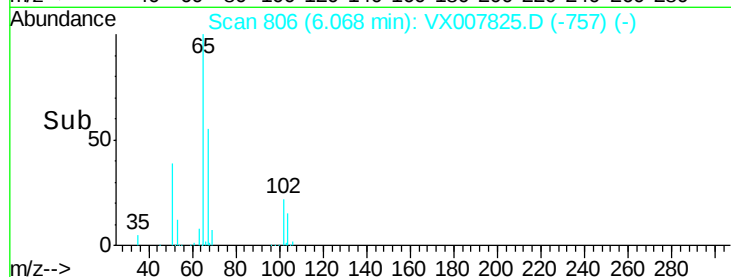
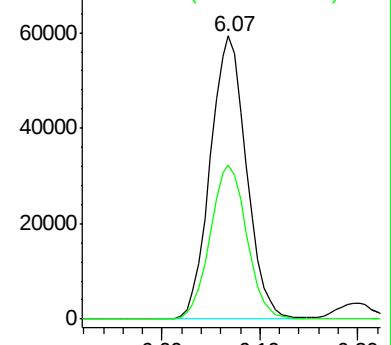
65 100

67 55.2 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

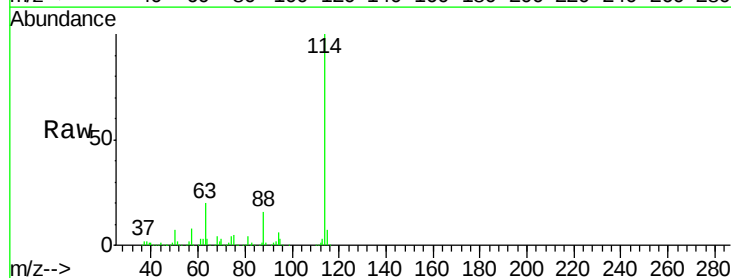
Tgt Ion: 114 Resp: 451746

Ion Ratio Lower Upper

114 100

63 19.5 0.0 35.6

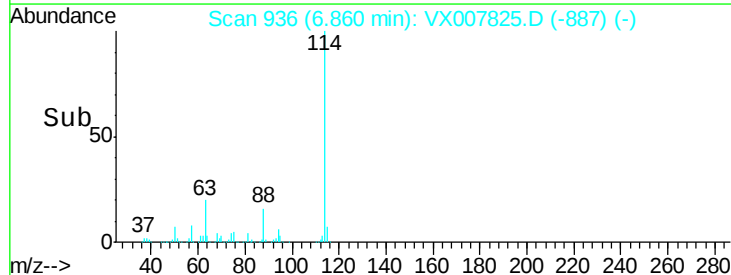
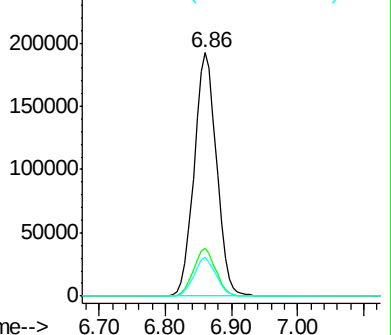
88 15.7 0.0 29.6

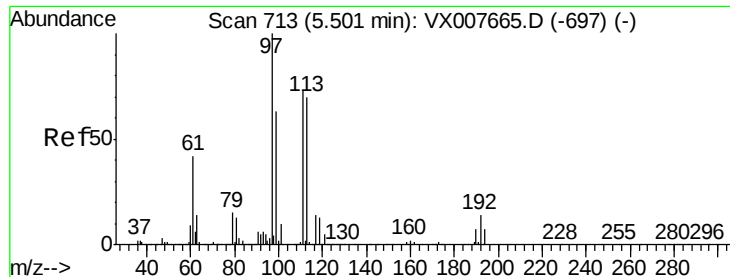


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

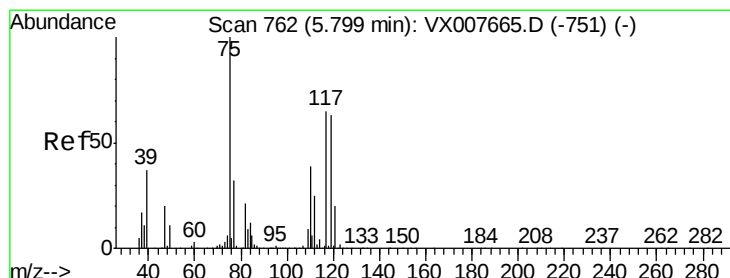
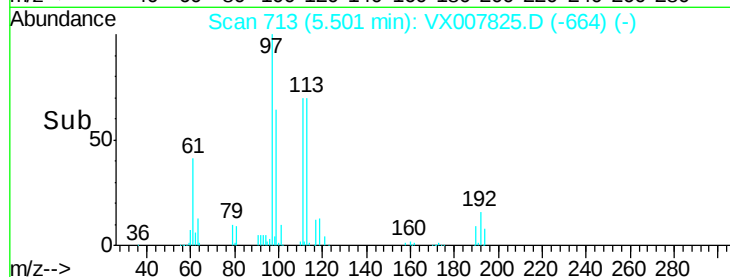
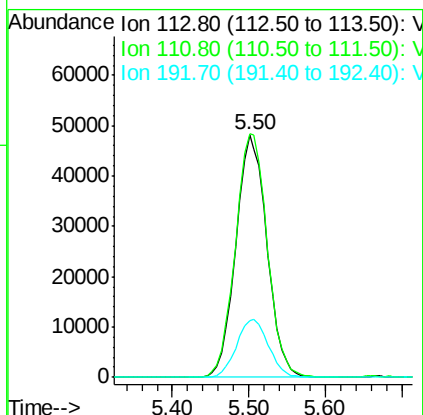
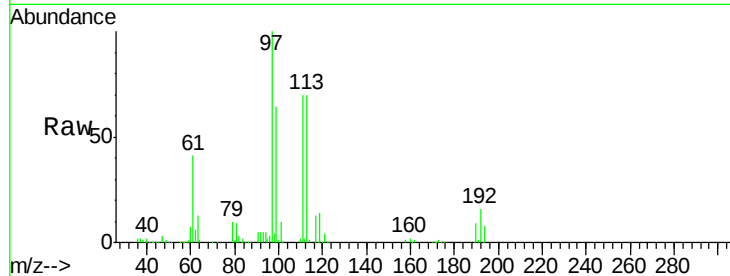




#35
 Dibromofluoromethane
 Concen: 44.992 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX007825.D
 Acq: 04 Mar 2019 21:41

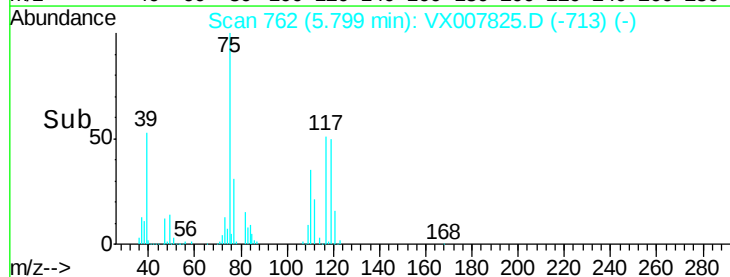
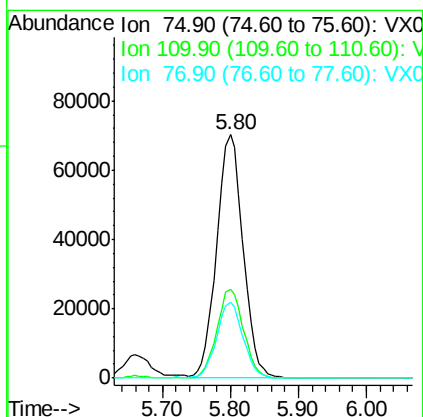
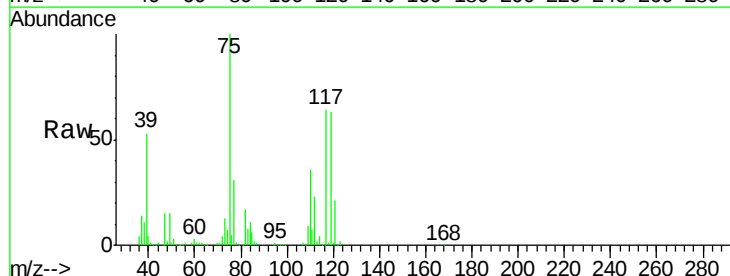
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 135867
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.8 122.8
 192 24.6 18.5 27.7



#36
 1,1-Dichloropropene
 Concen: 46.689 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX007825.D
 Acq: 04 Mar 2019 21:41

Tgt Ion: 75 Resp: 189621
 Ion Ratio Lower Upper
 75 100
 110 36.8 20.0 59.9
 77 31.0 24.7 37.1

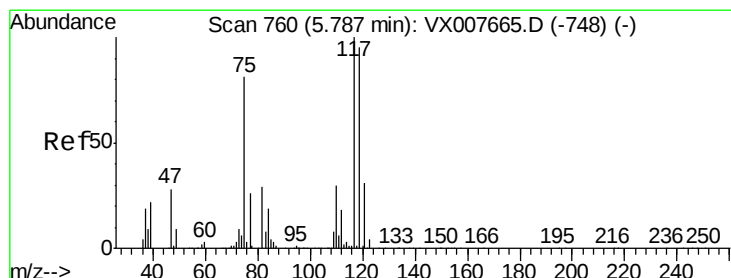
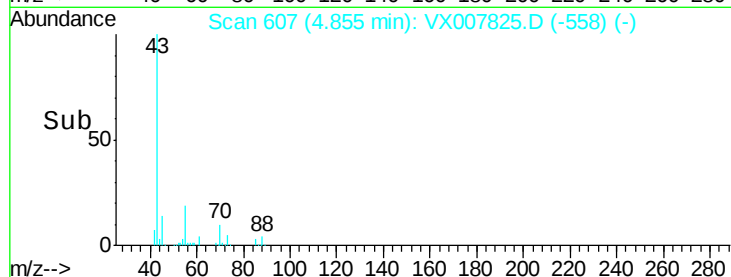
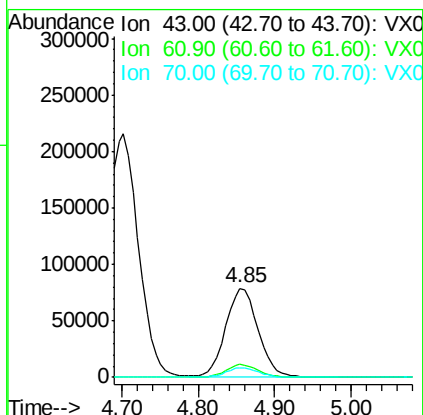
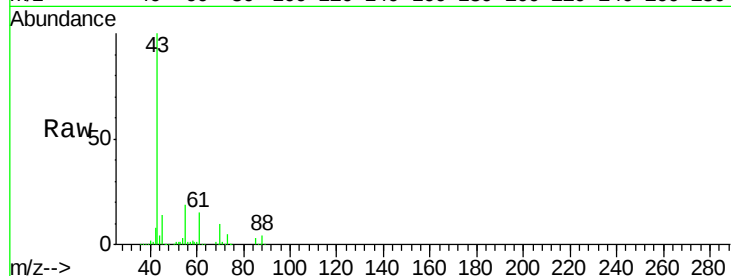




#37
Ethyl Acetate
Concen: 51.096 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX007825.D
Acq: 04 Mar 2019 21:41

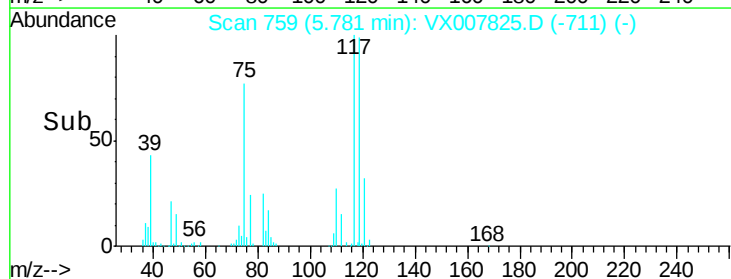
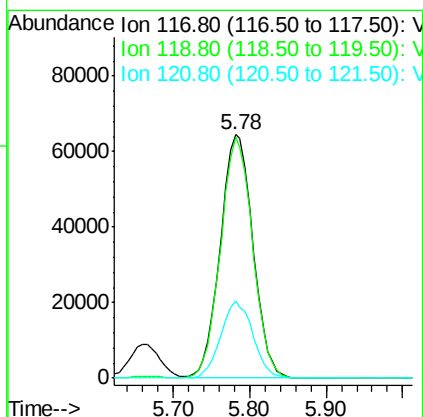
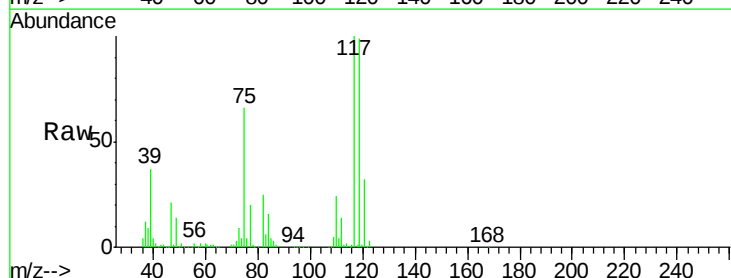
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	230522
Ion Ratio	Lower	Upper	
43	100		
61	14.3	11.3	16.9
70	10.8	8.6	13.0



#38
Carbon Tetrachloride
Concen: 46.640 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX007825.D
Acq: 04 Mar 2019 21:41

Tgt Ion	117	Resp	190277
Ion Ratio	Lower	Upper	
117	100		
119	98.8	75.3	112.9
121	31.7	25.0	37.4

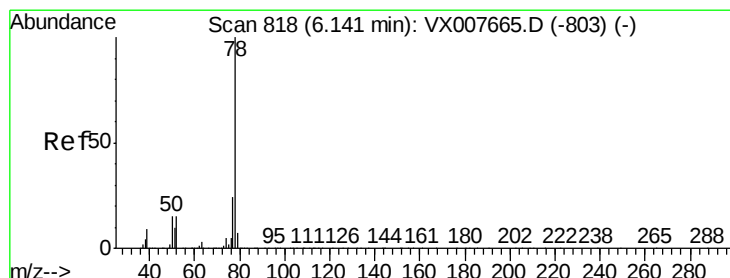
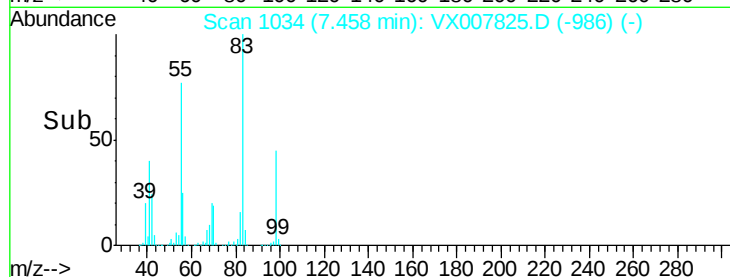
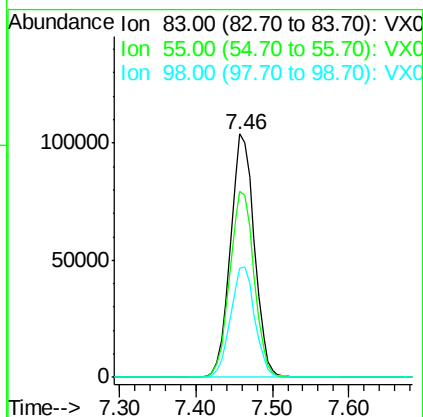
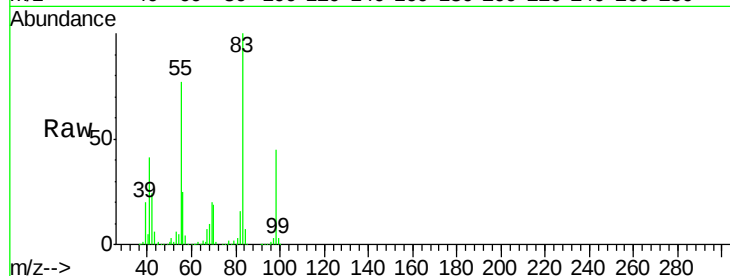




#39
Methvlcvclohexane
Concen: 43.803 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007825.D
Acq: 04 Mar 2019 21:41

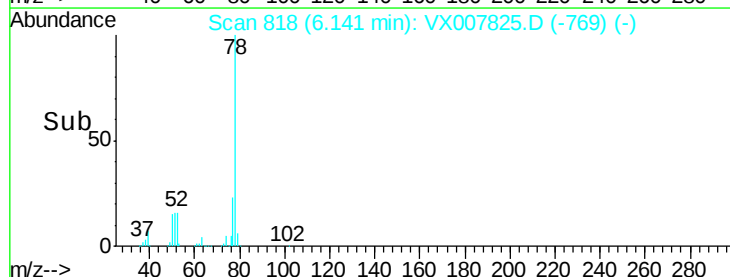
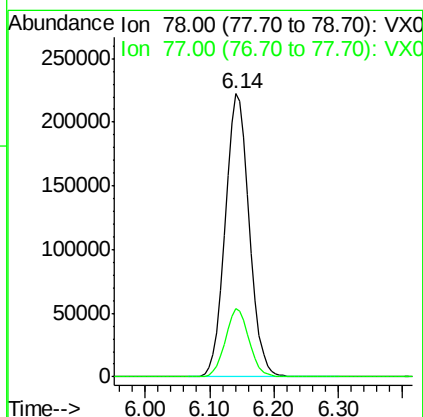
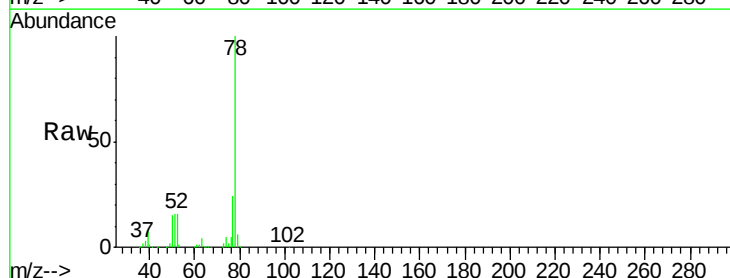
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

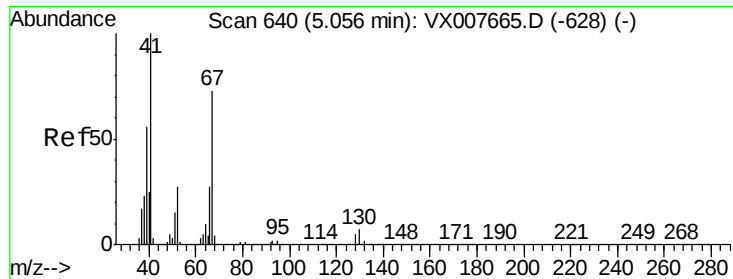
Tot Ion	83	Resp	224841
Ion	Ratio	Lower	Upper
83	100		
55	76.7	56.2	84.2
98	44.7	36.8	55.2



#40
Benzene
Concen: 46.648 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007825.D
Acq: 04 Mar 2019 21:41

Tgt Ion	78	Resp	584834
Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.3	28.9

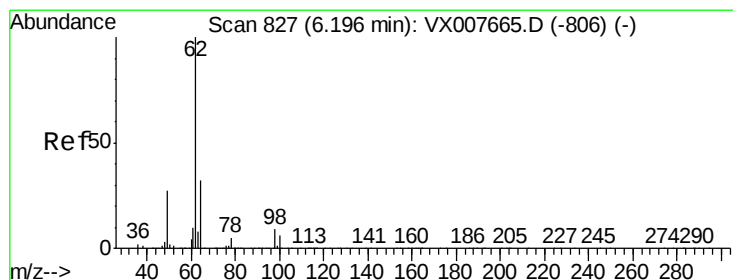
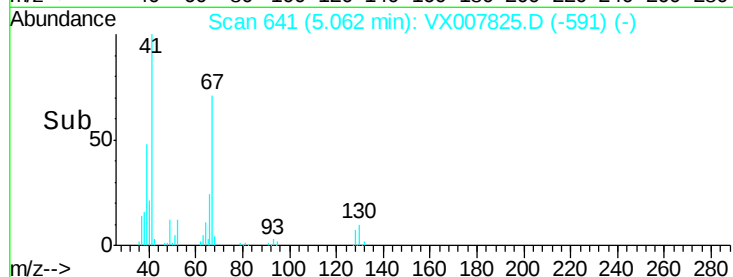
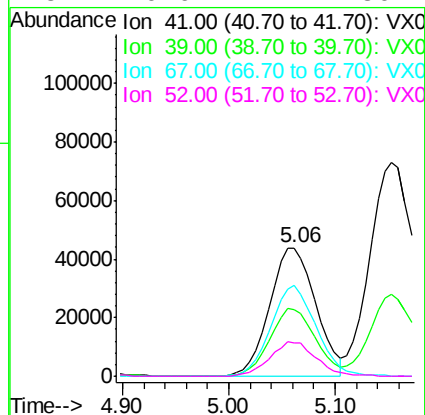
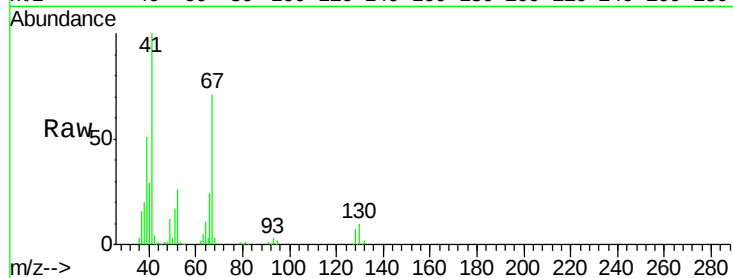




#41
Methacrylonitrile
Concen: 54.712 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX007825.D
Acq: 04 Mar 2019 21:41

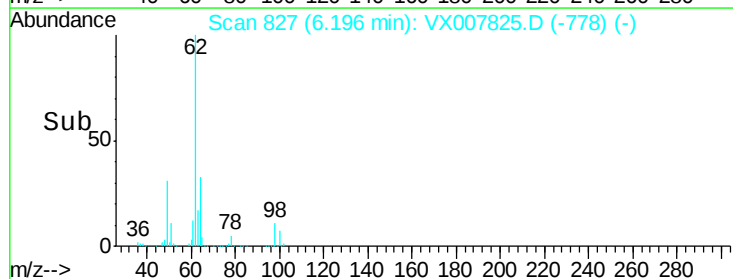
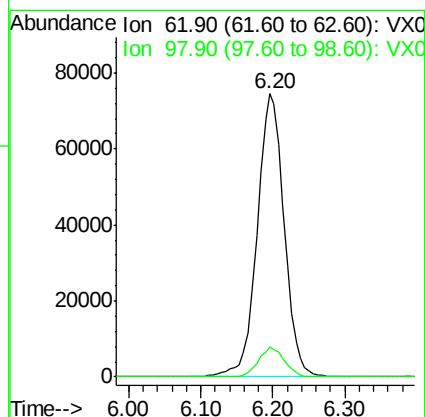
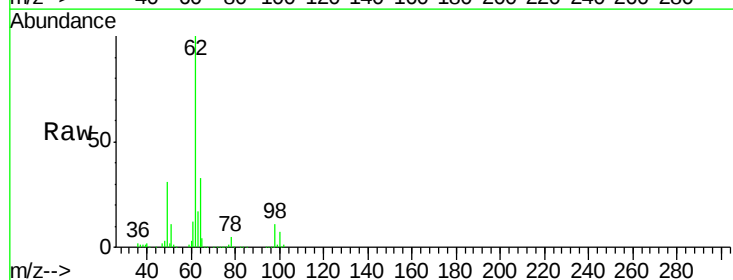
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

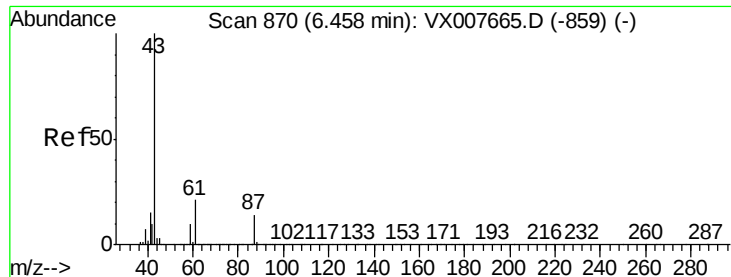
Tot Ion:	41	Resp:	131805
Ion	Ratio	Lower	Upper
41	100		
39	51.8	44.5	66.7
67	69.4	60.4	90.6
52	26.6	24.1	36.1



#42
1,2-Dichloroethane
Concen: 45.997 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX007825.D
Acq: 04 Mar 2019 21:41

Tgt Ion:	62	Resp:	193824
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.0



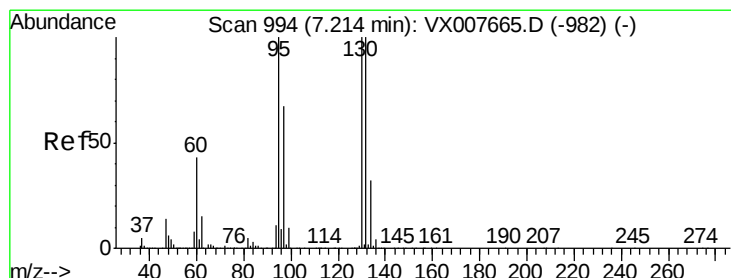
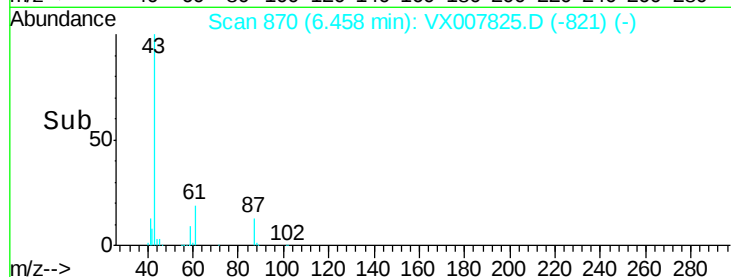
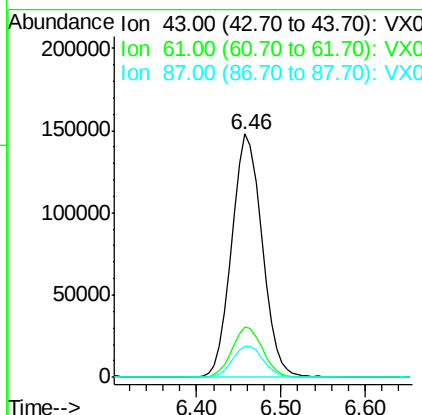
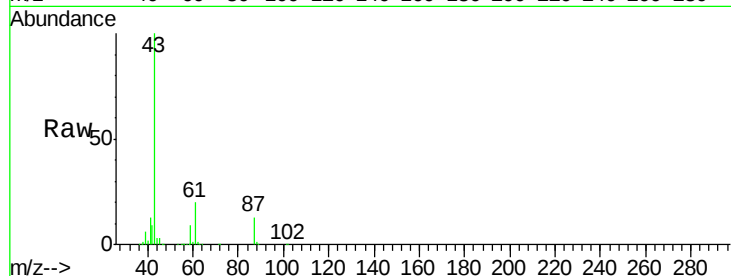


#43

Isopropyl Acetate
 Concen: 52.093 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX007825.D
 Acq: 04 Mar 2019 21:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

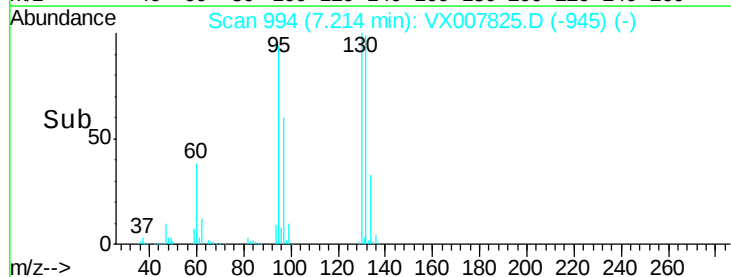
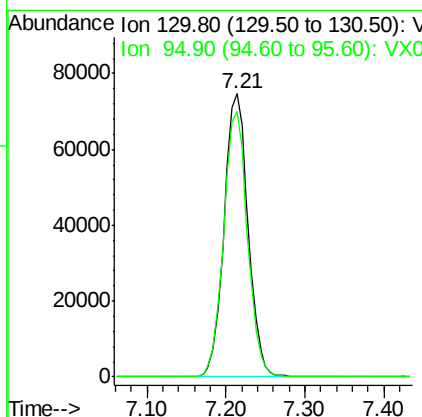
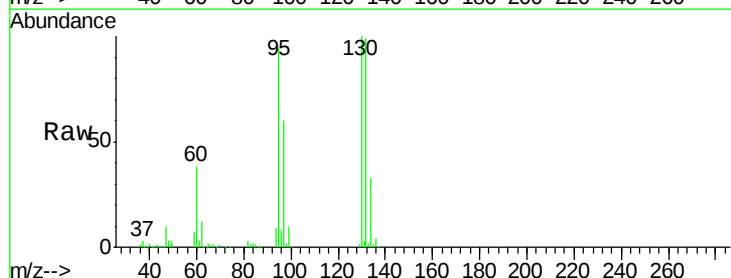
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.8	16.1	24.1
87	13.1	11.5	17.3

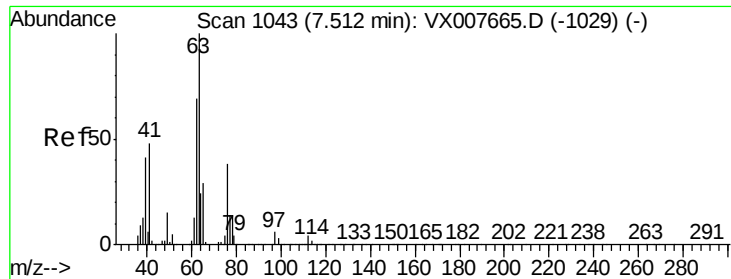


#44

Trichloroethene
 Concen: 45.877 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX007825.D
 Acq: 04 Mar 2019 21:41

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.7	0.0	180.0

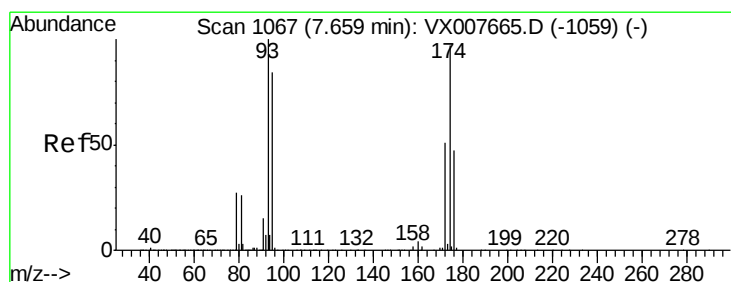
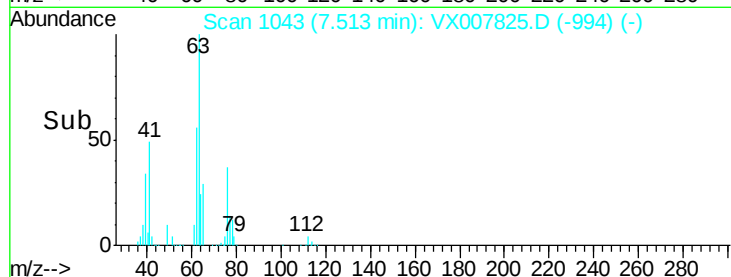
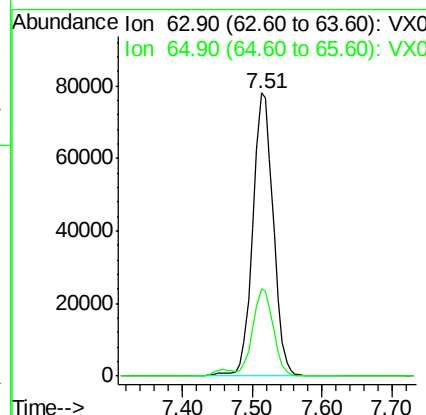
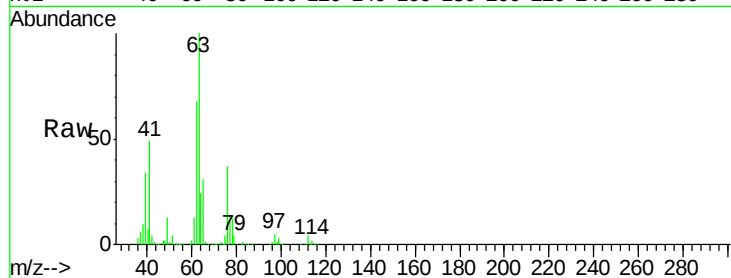




#45
 1,2-Dichloropropane
 Concen: 48.902 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX007825.D
 Acq: 04 Mar 2019 21:41

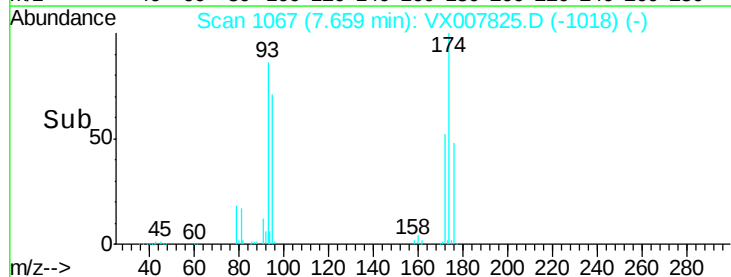
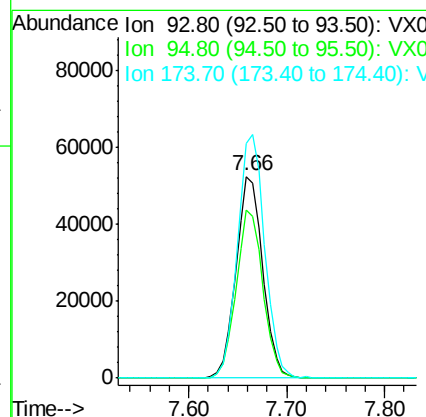
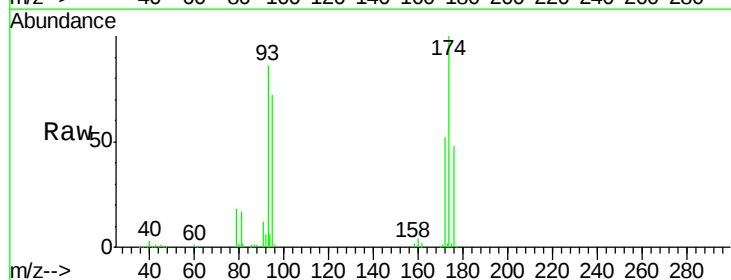
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

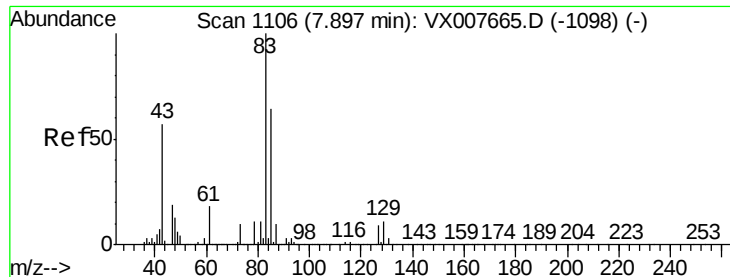
Tot Ion: 63 Resp: 158816
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.2 36.2



#46
 Dibromomethane
 Concen: 43.844 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX007825.D
 Acq: 04 Mar 2019 21:41

Tgt Ion: 93 Resp: 99336
 Ion Ratio Lower Upper
 93 100
 95 83.5 67.6 101.4
 174 122.8 94.2 141.4





#47

Bromodichloromethane

Concen: 50.267 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

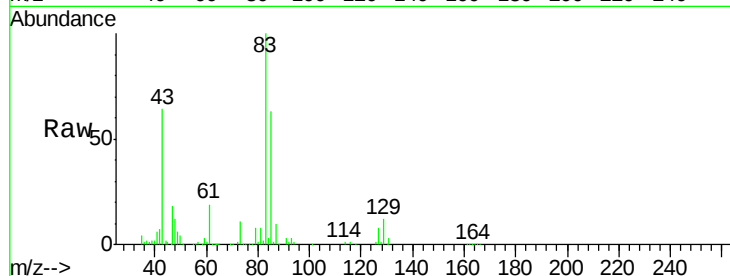
Tot Ion: 83 Resp: 197365

Ion Ratio Lower Upper

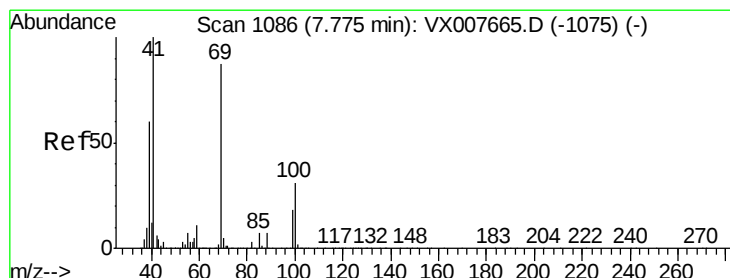
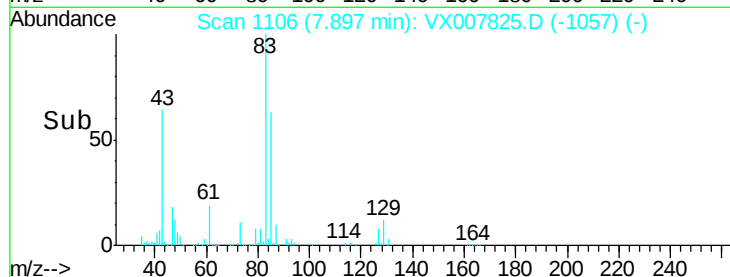
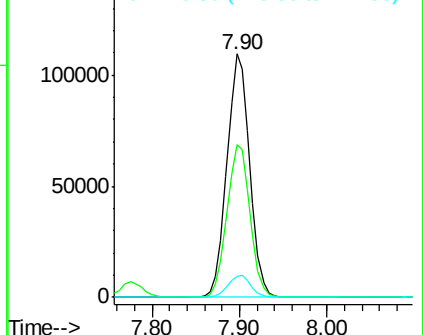
83 100

85 63.0 51.4 77.0

127 8.4 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: 51.585 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

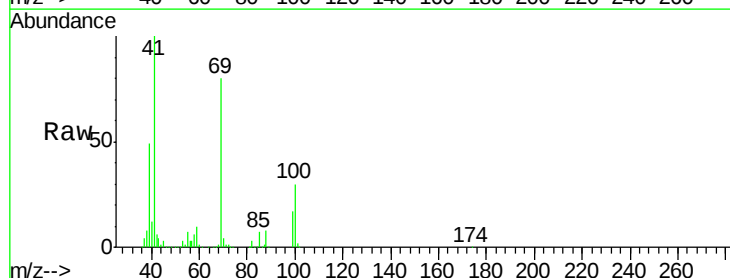
Tgt Ion: 41 Resp: 187752

Ion Ratio Lower Upper

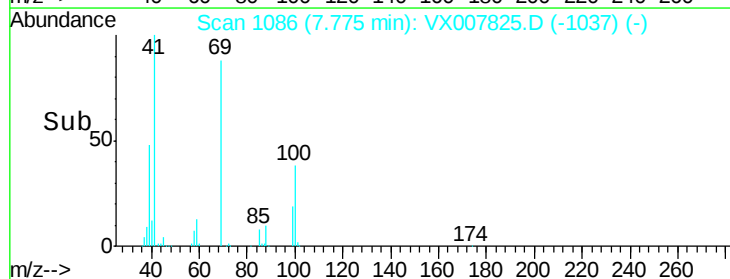
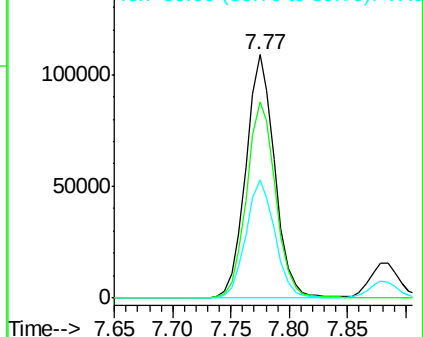
41 100

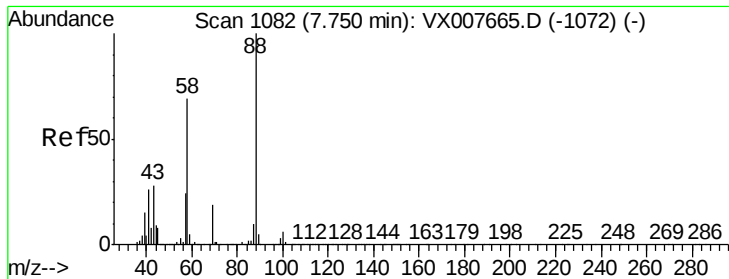
69 81.8 70.2 105.4

39 49.4 47.4 71.0



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

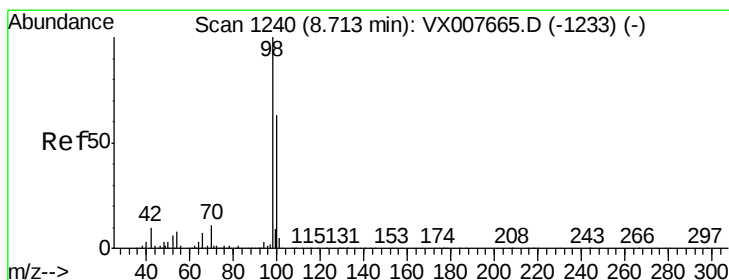
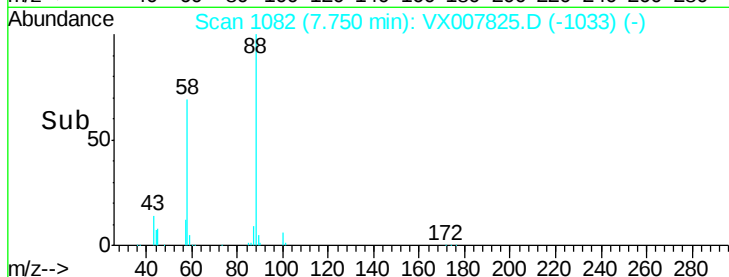
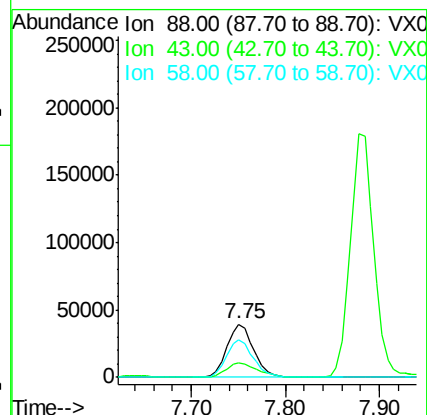
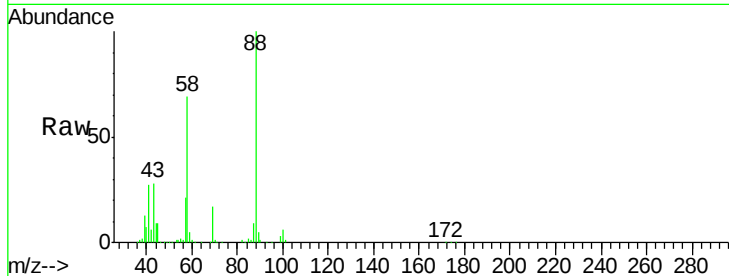




#49
1,4-Dioxane
Concen: 976.769 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007825.D
Acq: 04 Mar 2019 21:41

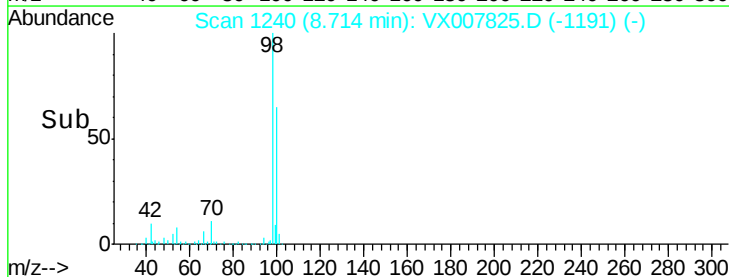
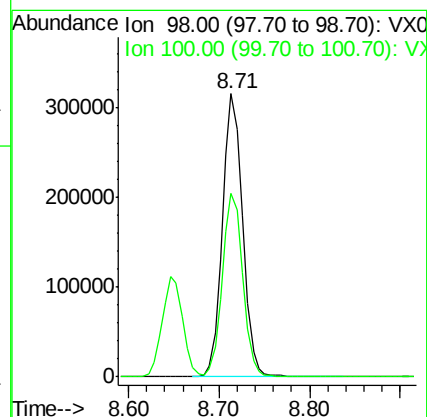
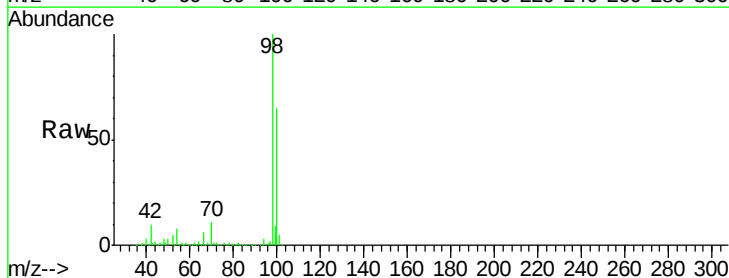
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

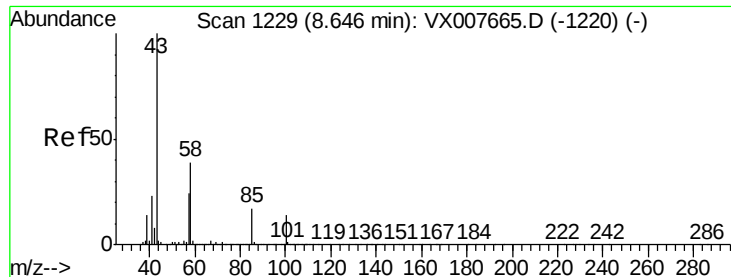
Tot Ion: 88 Resp: 76784
Ion Ratio Lower Upper
88 100
43 31.0 24.2 36.4
58 71.3 53.0 79.4



#50
Toluene-d8
Concen: 42.605 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007825.D
Acq: 04 Mar 2019 21:41

Tgt Ion: 98 Resp: 492546
Ion Ratio Lower Upper
98 100
100 65.6 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 248.171 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

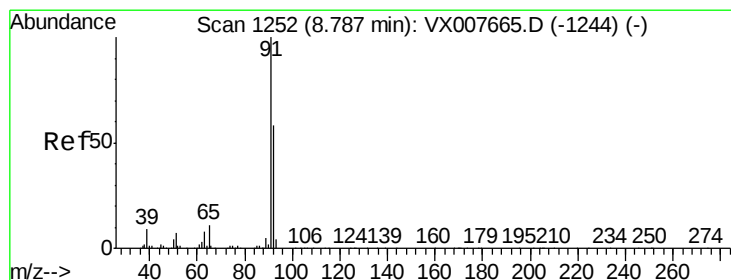
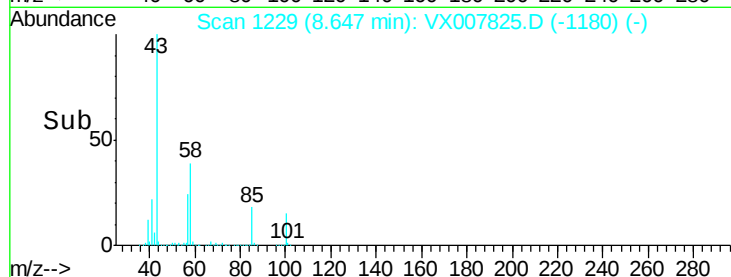
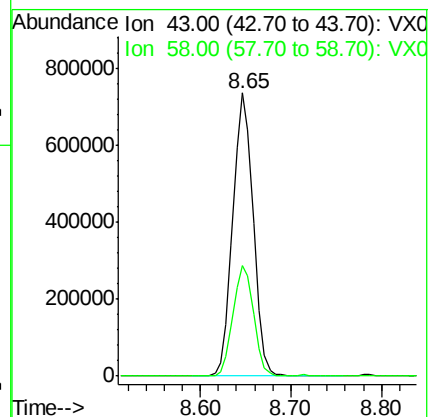
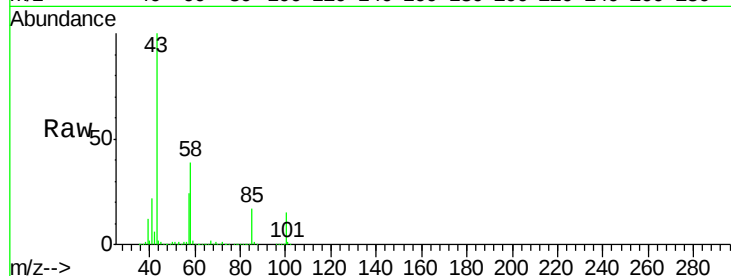
VSTDCCC050EC

Tot Ion: 43 Resp: 1153448

Ion Ratio Lower Upper

43 100

58 39.3 31.2 46.8



#52

Toluene

Concen: 44.895 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX007825.D

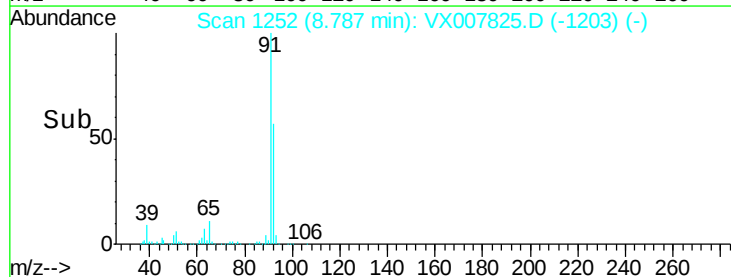
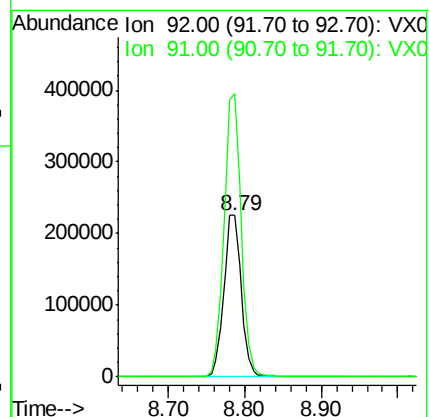
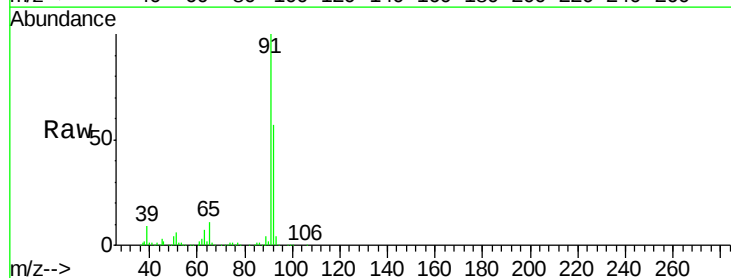
Acq: 04 Mar 2019 21:41

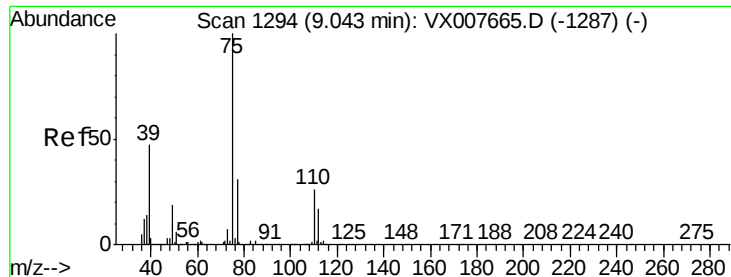
Tgt Ion: 92 Resp: 354931

Ion Ratio Lower Upper

92 100

91 172.7 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 44.466 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

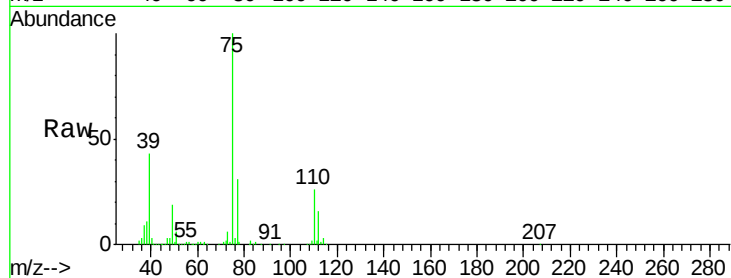
VSTDCCC050EC

Tot Ion: 75 Resp: 215443

Ion Ratio Lower Upper

75 100

77 30.9 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

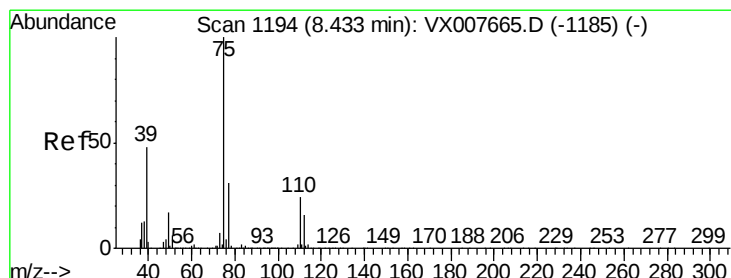
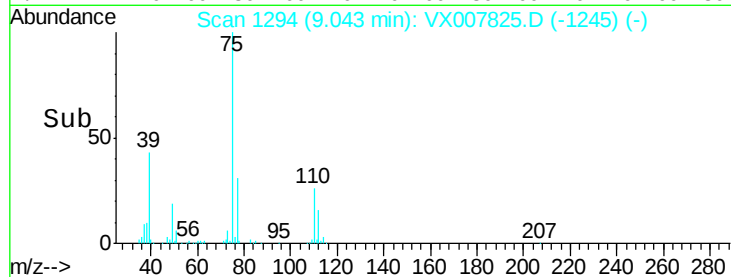
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 49.687 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

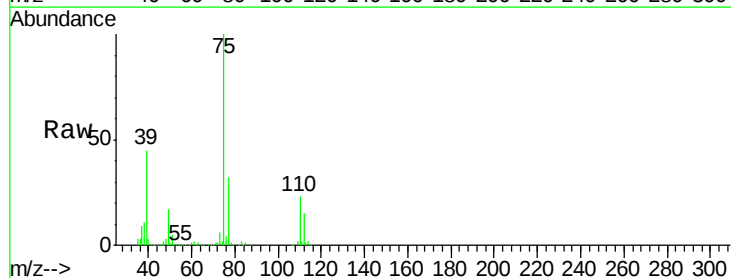
Tgt Ion: 75 Resp: 236746

Ion Ratio Lower Upper

75 100

77 31.6 26.2 39.4

39 44.8 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

8.43

200000

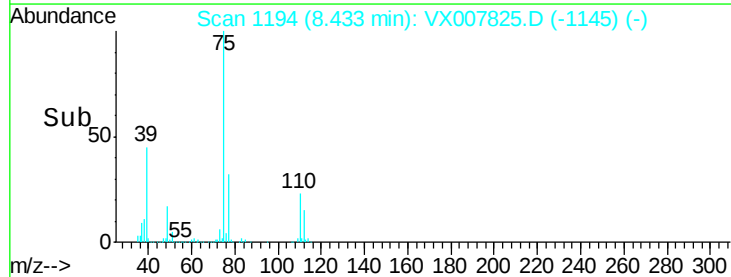
150000

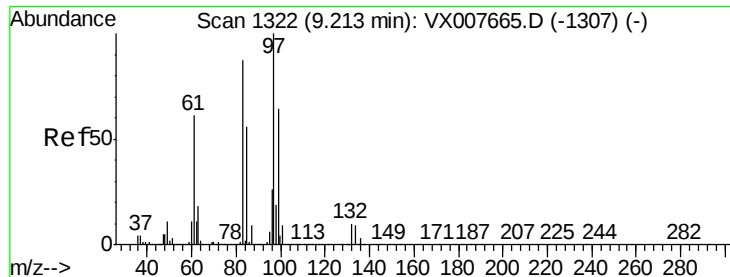
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 45.392 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 149645

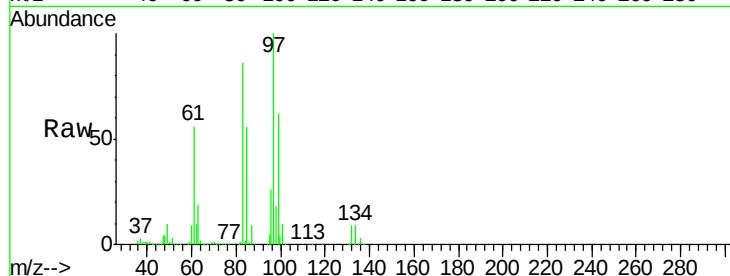
Ion Ratio Lower Upper

97 100

83 86.2 68.6 102.8

85 55.6 44.5 66.7

99 62.2 52.2 78.4

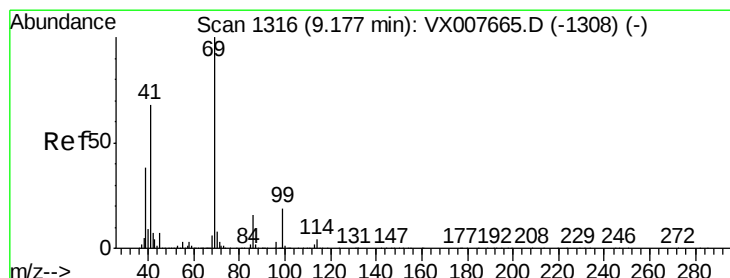
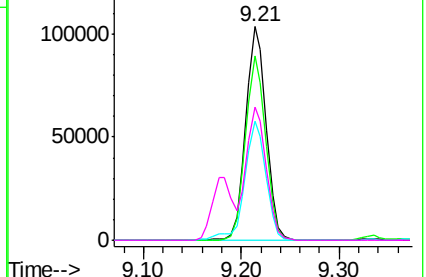
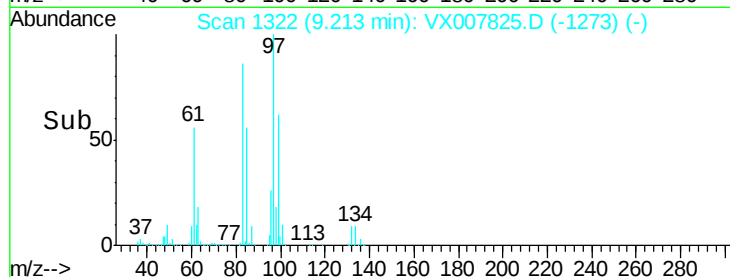


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 50.138 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

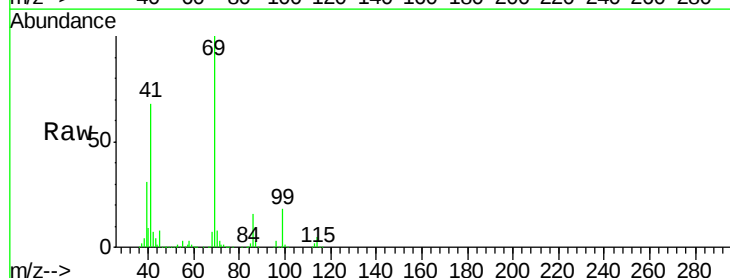
Tgt Ion: 69 Resp: 235056

Ion Ratio Lower Upper

69 100

41 67.2 52.1 78.1

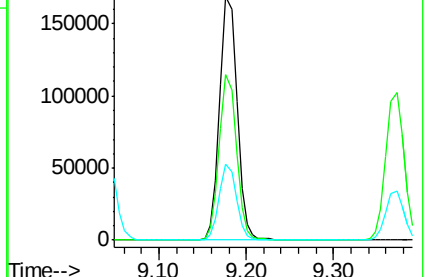
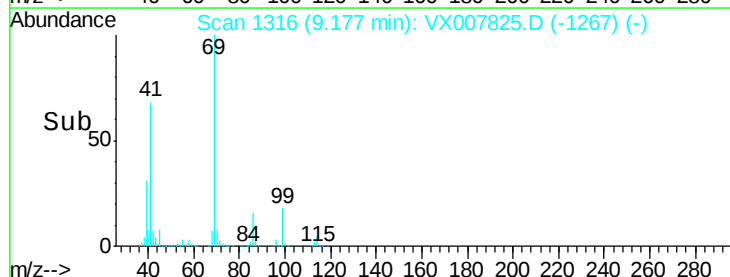
39 30.6 30.1 45.1



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

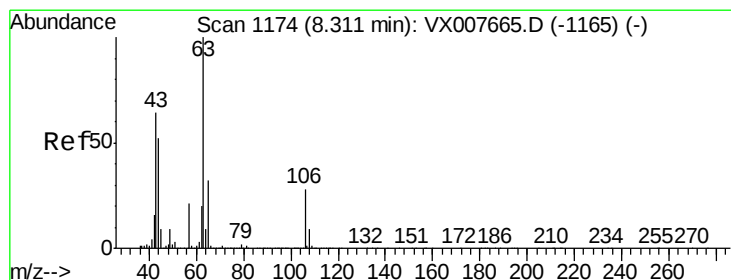
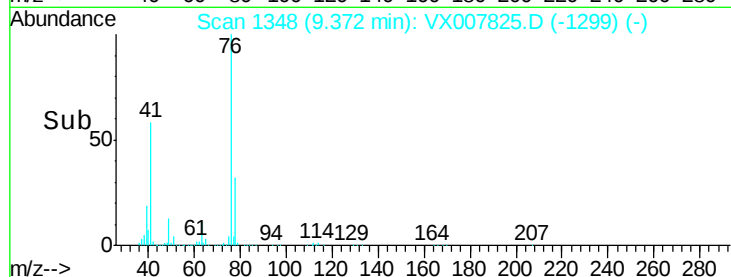
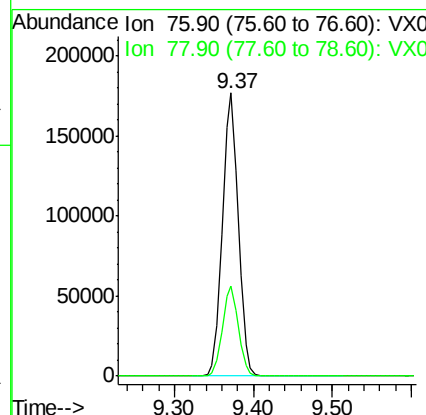
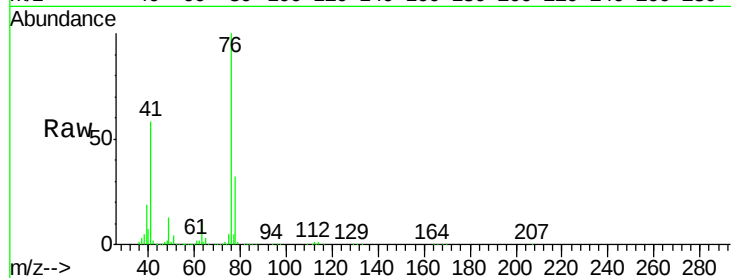




#57
 1,3-Dichloropropane
 Concen: 47.183 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX007825.D
 Acq: 04 Mar 2019 21:41

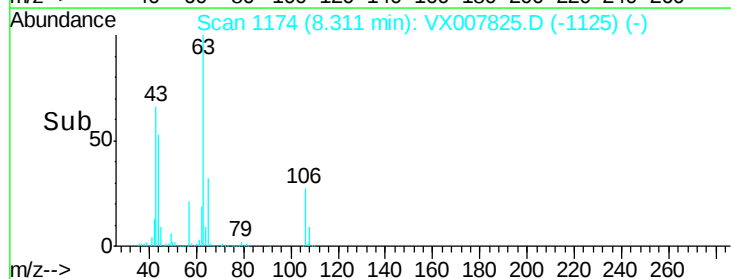
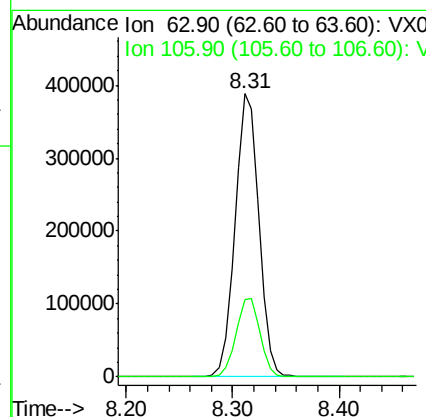
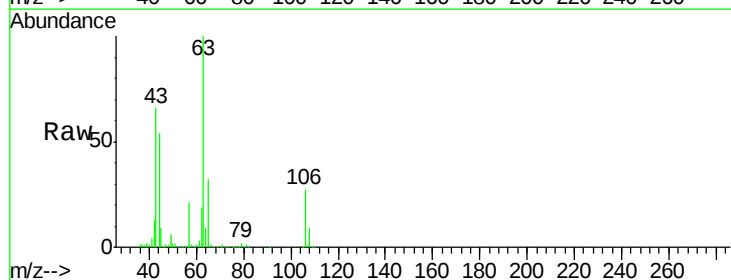
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

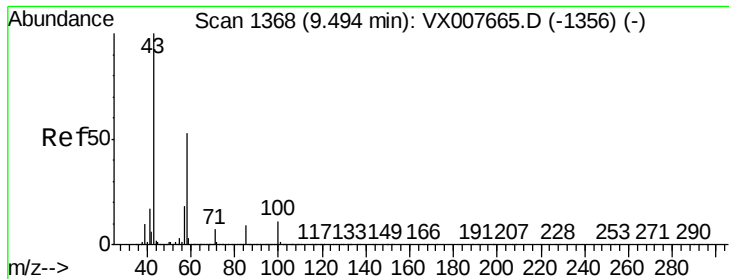
Tot Ion: 76 Resp: 249001
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 235.783 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX007825.D
 Acq: 04 Mar 2019 21:41

Tgt Ion: 63 Resp: 609572
 Ion Ratio Lower Upper
 63 100
 106 28.0 23.6 35.4

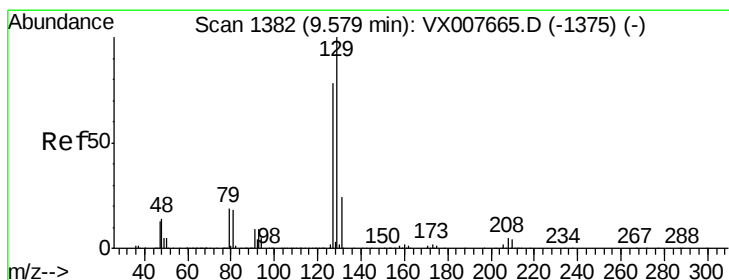
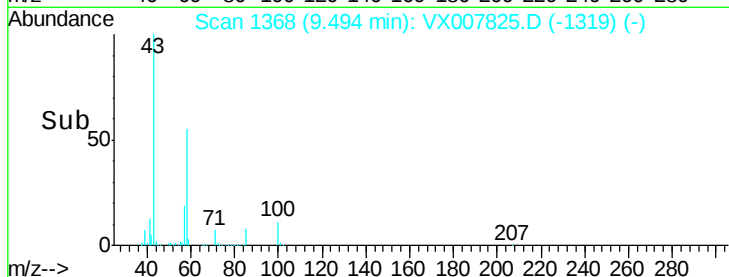
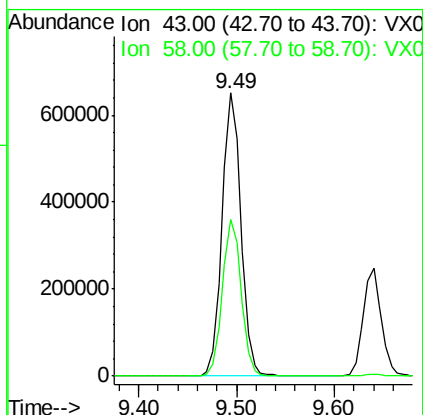
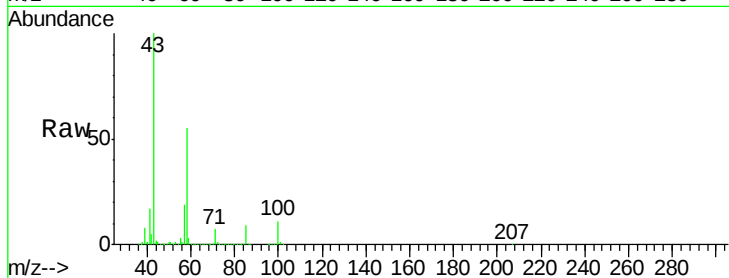




#59
2-Hexanone
Concen: 239.690 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007825.D
Acq: 04 Mar 2019 21:41

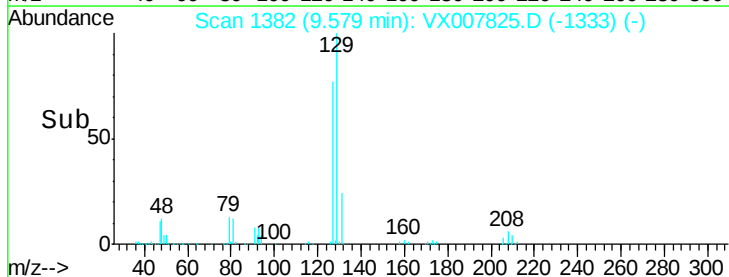
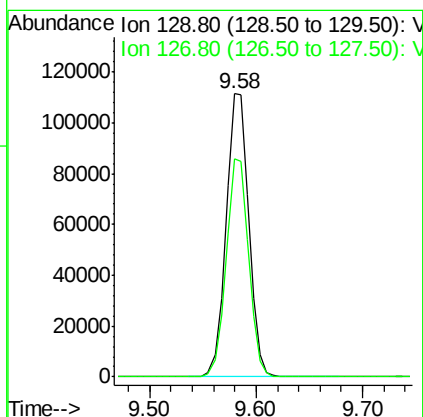
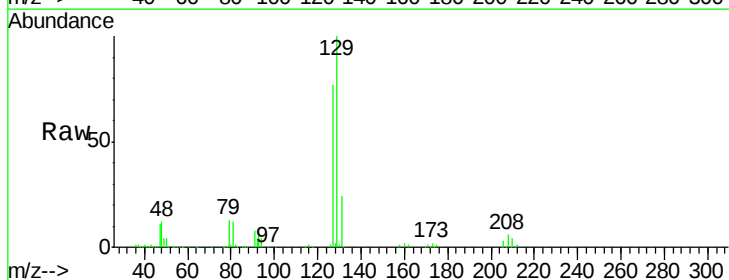
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

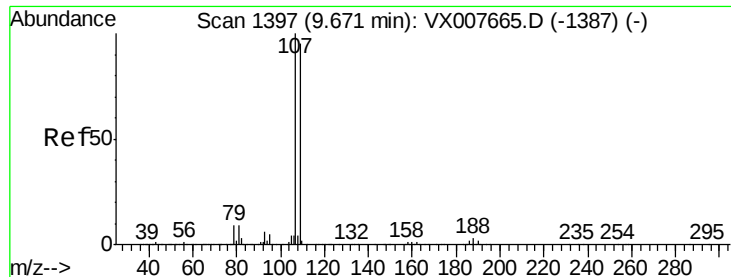
Tot Ion: 43 Resp: 874616
Ion Ratio Lower Upper
43 100
58 55.1 27.1 81.3



#60
Dibromochloromethane
Concen: 52.310 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX007825.D
Acq: 04 Mar 2019 21:41

Tgt Ion: 129 Resp: 165939
Ion Ratio Lower Upper
129 100
127 76.5 37.8 113.4





#61

1,2-Dibromoethane

Concen: 46.053 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

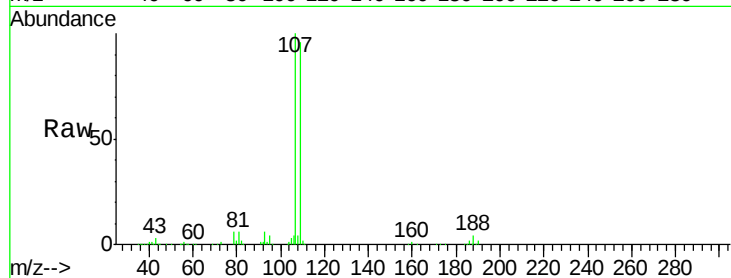
VSTDCCC050EC

Tot Ion:107 Resp: 157632

Ion Ratio Lower Upper

107 100

109 95.3 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

120000

100000

80000

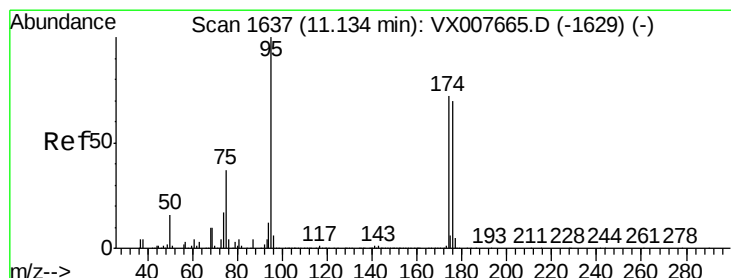
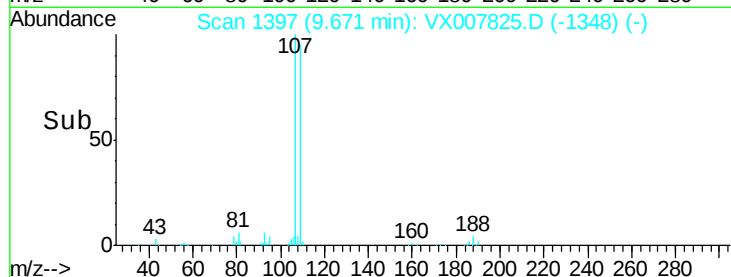
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 41.801 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

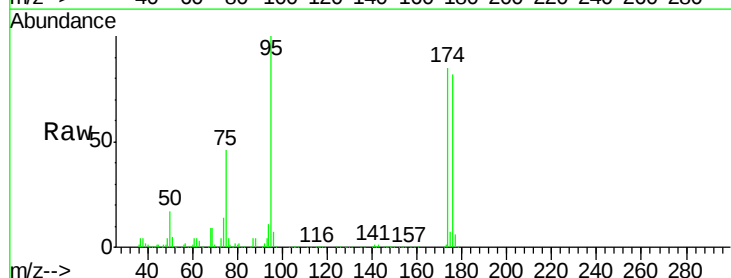
Tgt Ion: 95 Resp: 177373

Ion Ratio Lower Upper

95 100

174 92.8 0.0 189.2

176 90.5 0.0 186.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

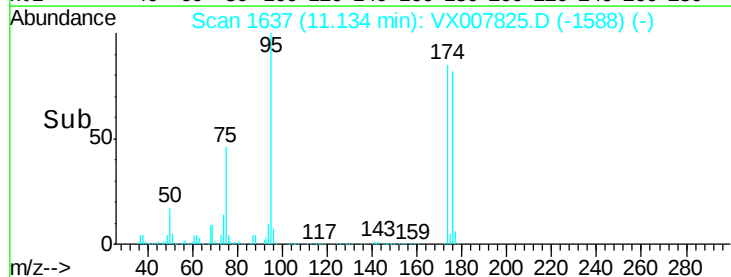
150000

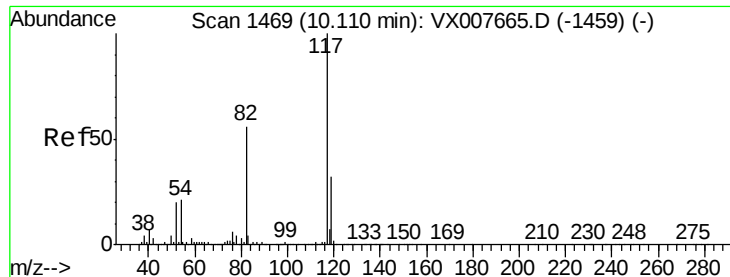
100000

50000

0

Time-->

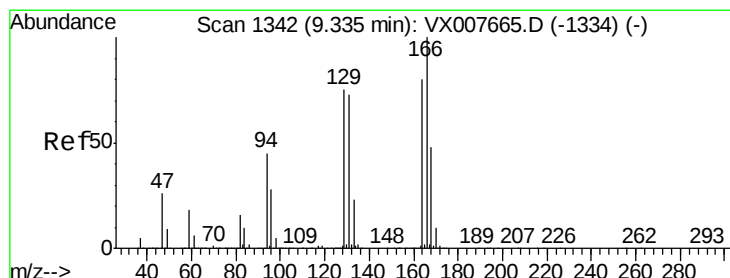
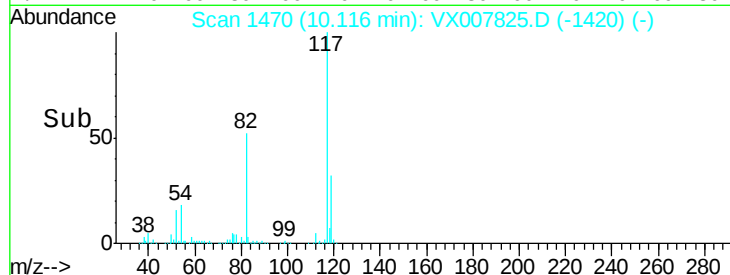
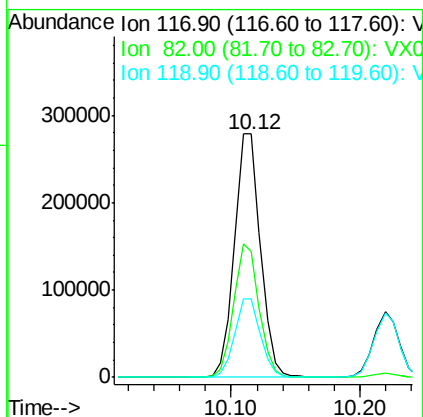
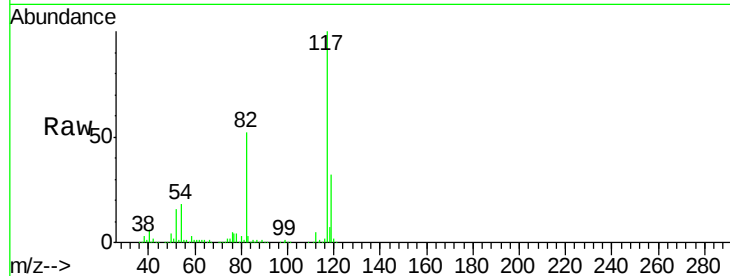




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007825.D
Acq: 04 Mar 2019 21:41

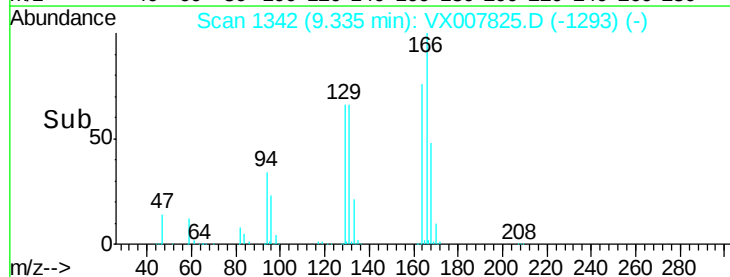
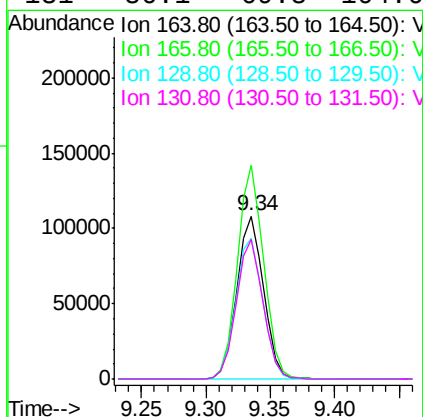
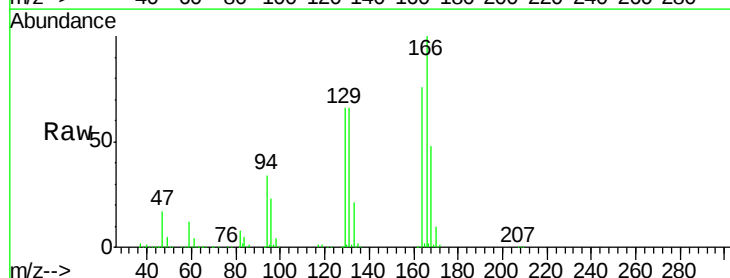
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 393480
Ion Ratio Lower Upper
117 100
82 51.6 42.1 63.1
119 32.3 26.5 39.7



#64
Tetrachloroethene
Concen: 48.679 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007825.D
Acq: 04 Mar 2019 21:41

Tgt Ion:164 Resp: 155496
Ion Ratio Lower Upper
164 100
166 131.3 101.0 151.4
129 86.3 70.5 105.7
131 86.1 69.8 104.6





#65

Chlorobenzene

Concen: 46.327 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

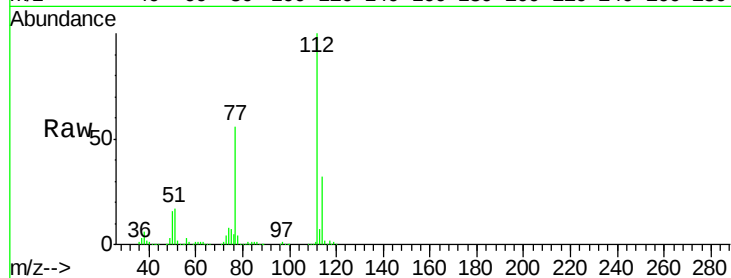
VSTDCCC050EC

Tot Ion:112 Resp: 394253

Ion Ratio Lower Upper

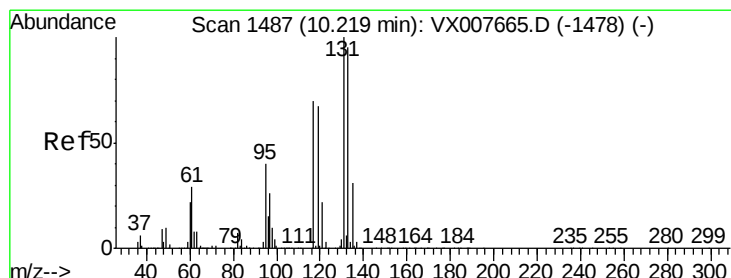
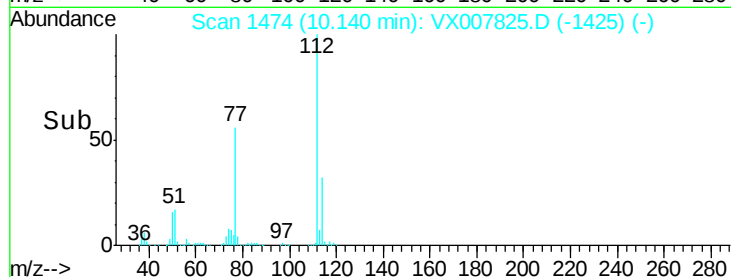
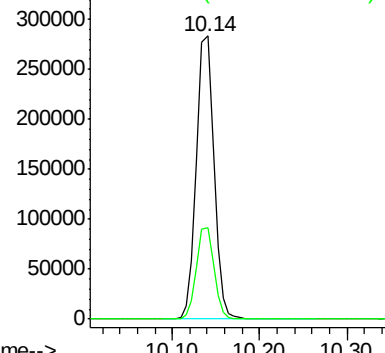
112 100

114 32.2 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: 50.435 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

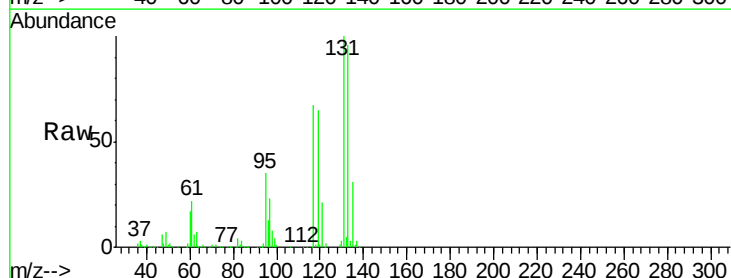
Tgt Ion:131 Resp: 149718

Ion Ratio Lower Upper

131 100

133 95.4 48.0 144.2

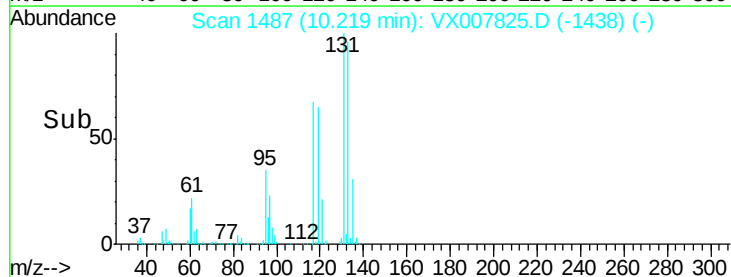
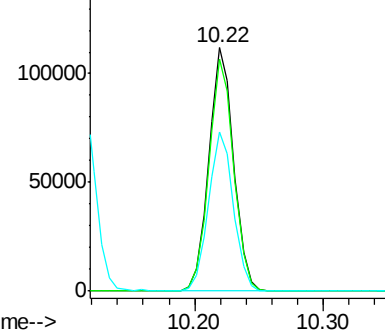
119 65.9 32.0 96.0



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: 47.337 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

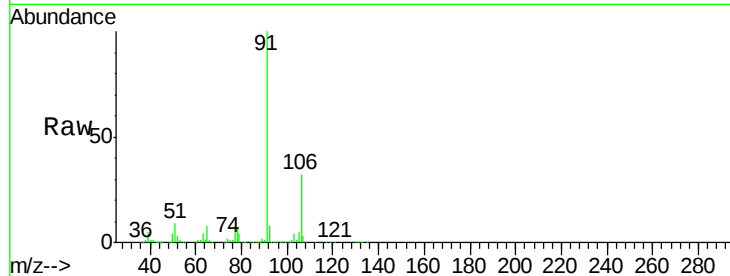
VSTDCCC050EC

Tot Ion: 91 Resp: 667344

Ion Ratio Lower Upper

91 100

106 31.5 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

800000

600000

400000

200000

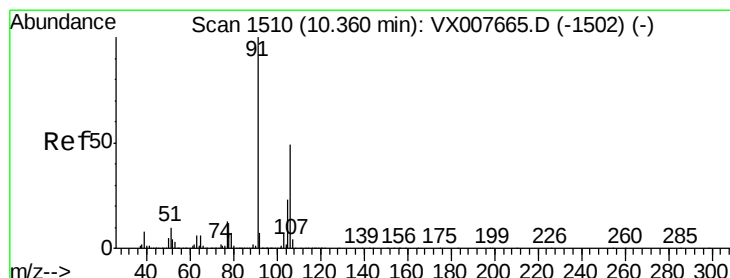
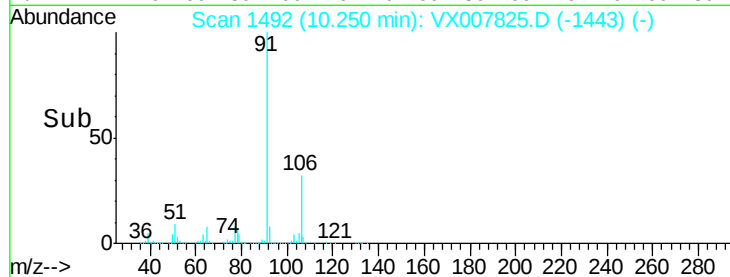
0

10.20

10.25

10.30

Time-->



#68

m/p-Xylenes

Concen: 93.780 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007825.D

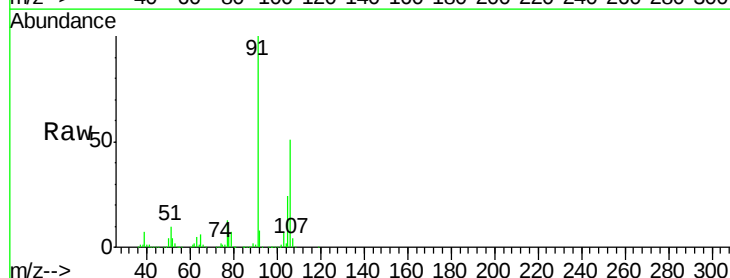
Acq: 04 Mar 2019 21:41

Tgt Ion: 106 Resp: 514328

Ion Ratio Lower Upper

106 100

91 199.2 156.6 234.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

800000

600000

400000

200000

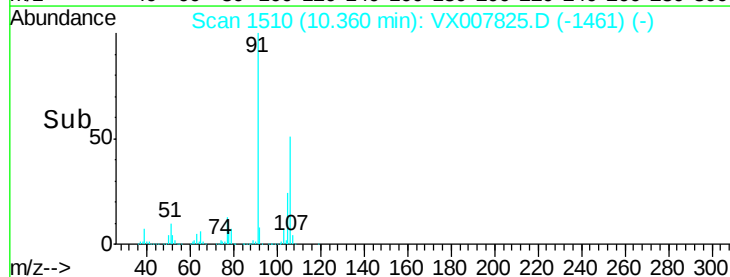
0

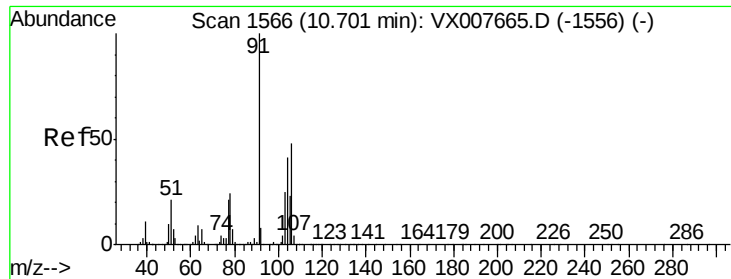
10.30

10.36

10.40

Time-->

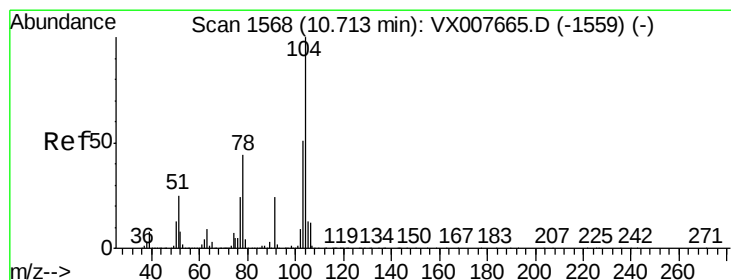
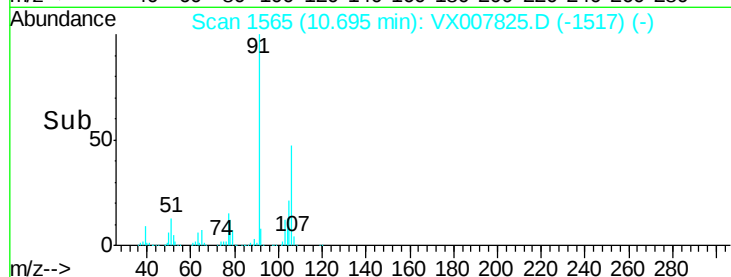
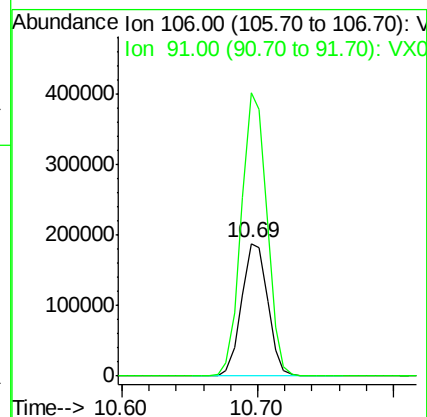
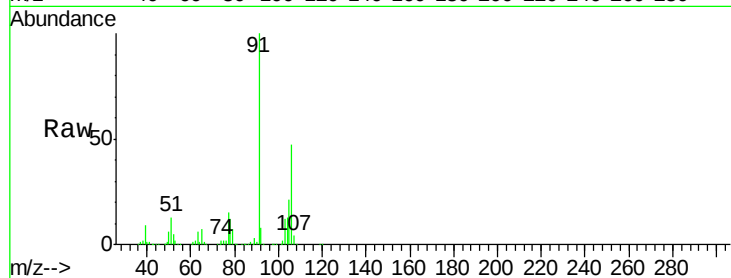




#69
o-Xylene
Concen: 47.692 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007825.D
Acq: 04 Mar 2019 21:41

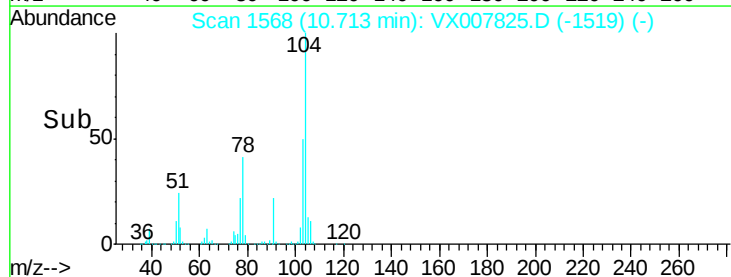
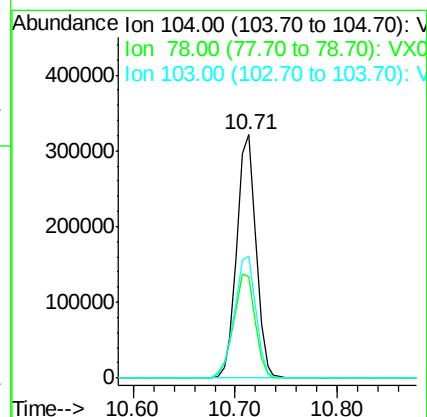
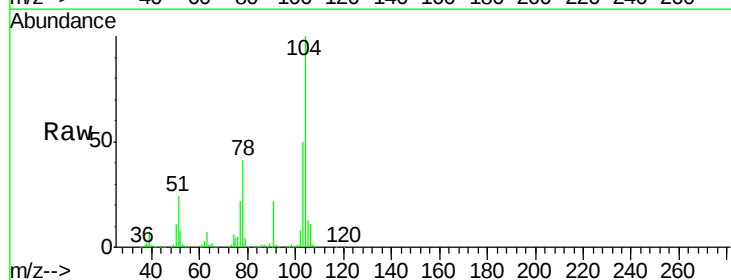
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 251593
Ion Ratio Lower Upper
106 100
91 210.3 102.9 308.7



#70
Styrene
Concen: 47.875 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007825.D
Acq: 04 Mar 2019 21:41

Tgt Ion:104 Resp: 415130
Ion Ratio Lower Upper
104 100
78 48.1 38.3 57.5
103 55.7 44.6 67.0





#71

Bromoform

Concen: 60.656 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

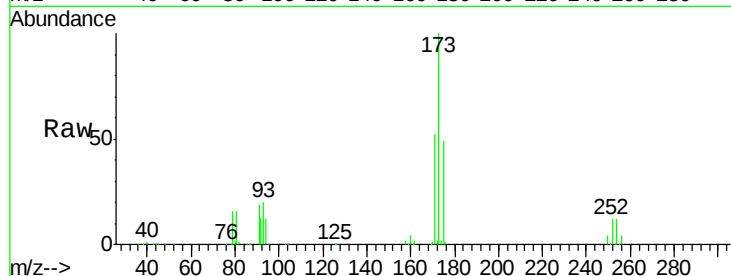
Tot Ion:173 Resp: 135023

Ion Ratio Lower Upper

173 100

175 48.7 24.2 72.6

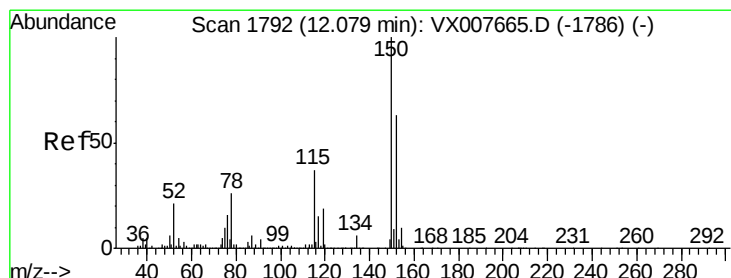
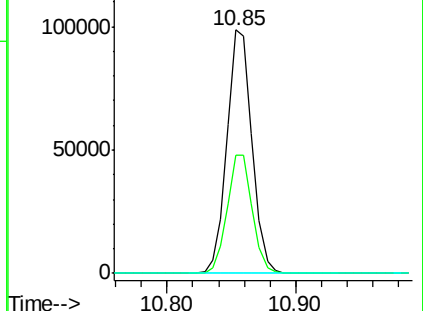
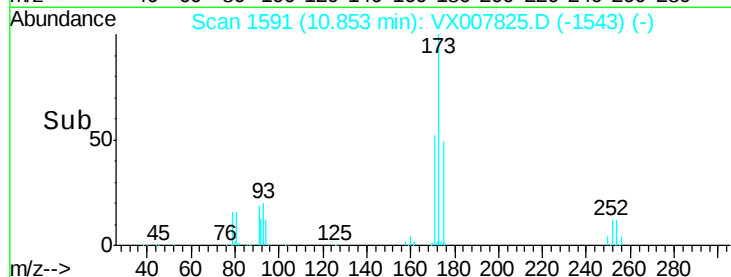
254 0.1 0.2 0.2#



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: VX007825.D

Acq: 04 Mar 2019 21:41

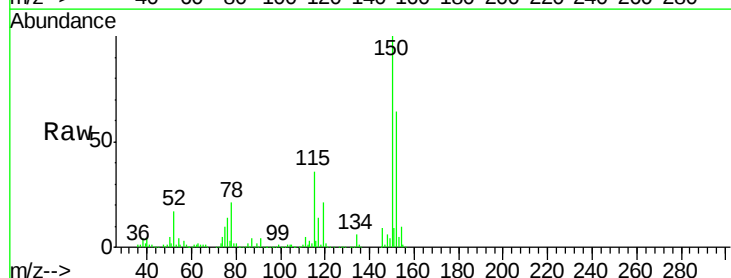
Tgt Ion:152 Resp: 204621

Ion Ratio Lower Upper

152 100

115 75.0 38.0 114.0

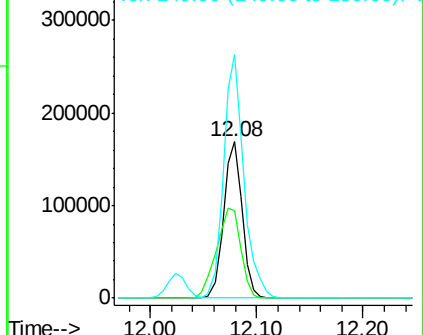
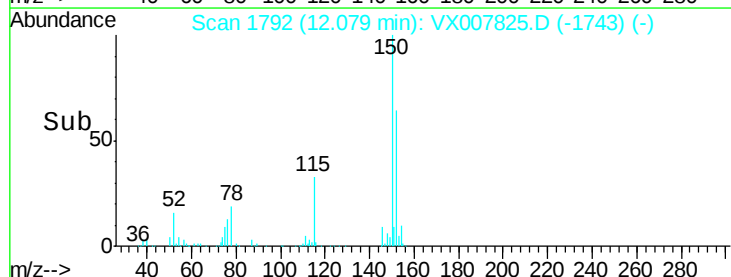
150 170.2 0.0 346.4

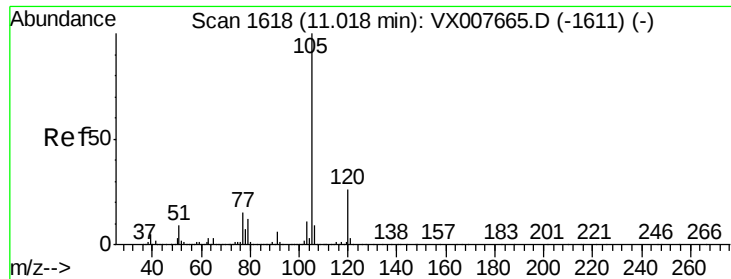


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 45.741 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

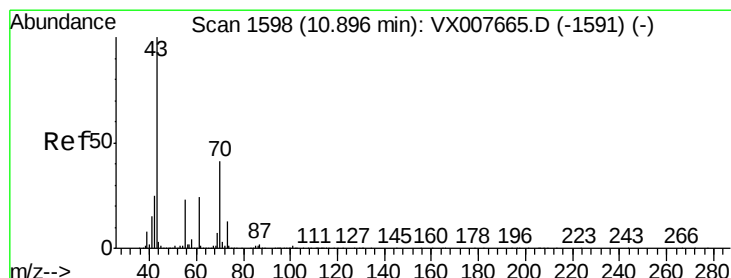
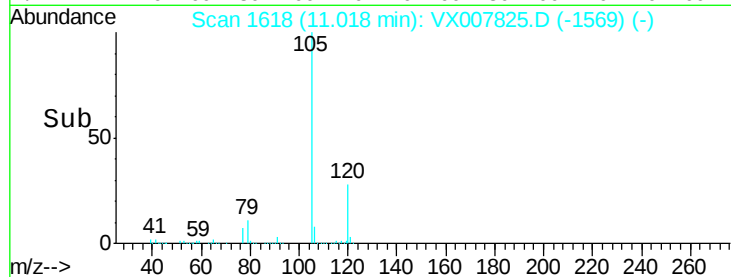
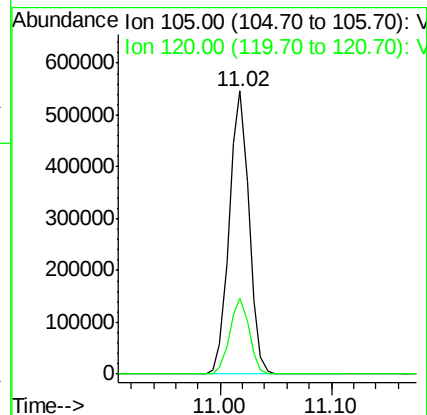
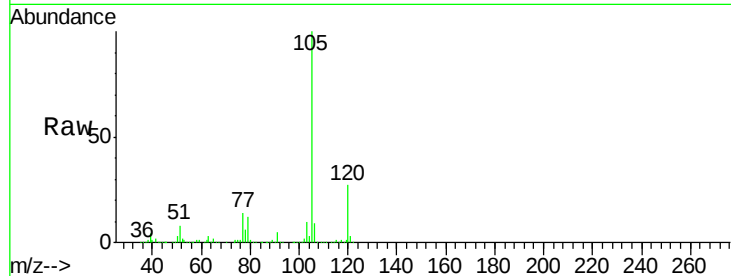
VSTDCCC050EC

Tot Ion:105 Resp: 668935

Ion Ratio Lower Upper

105 100

120 26.7 13.6 40.7



#74

N-ethyl acetate

Concen: 49.709 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

Tgt Ion: 43 Resp: 315695

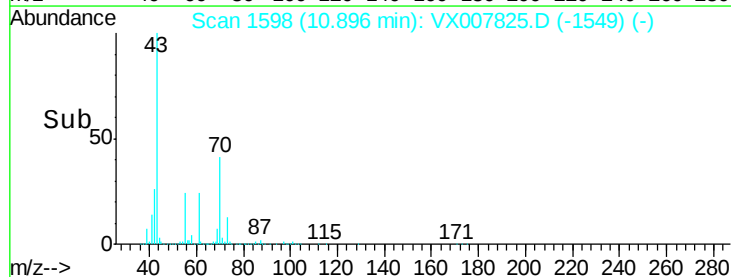
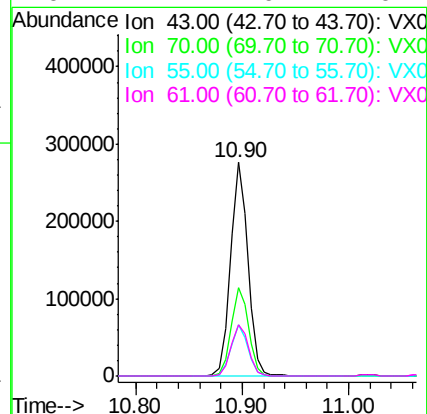
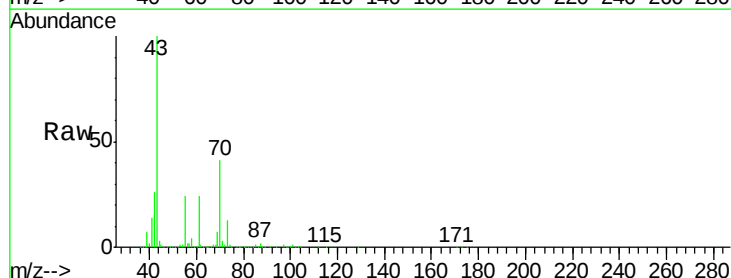
Ion Ratio Lower Upper

43 100

70 41.9 33.8 50.6

55 24.0 19.5 29.3

61 24.4 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 45.339 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

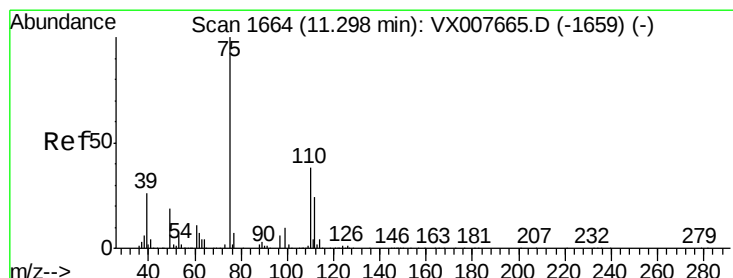
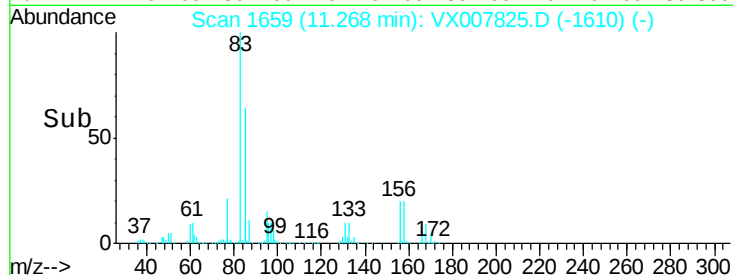
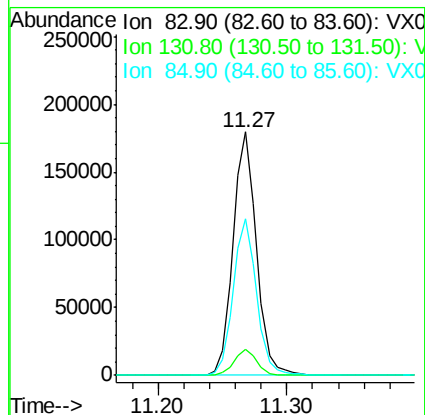
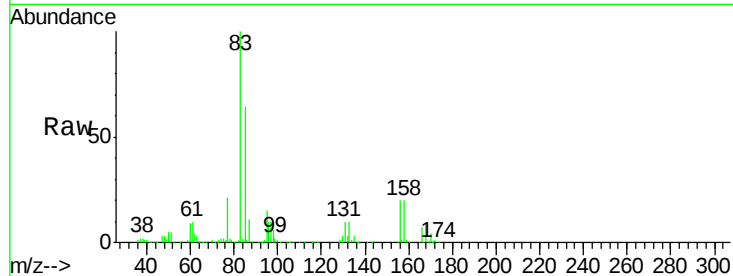
Tot Ion: 83 Resp: 229332

Ion Ratio Lower Upper

83 100

131 10.3 5.7 17.0

85 64.2 32.8 98.3



#76

1,2,3-Trichloropropane

Concen: 60.614 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX007825.D

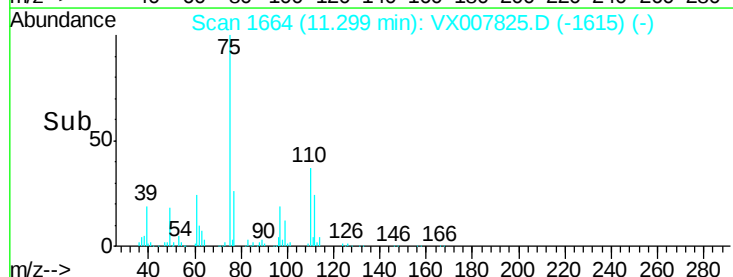
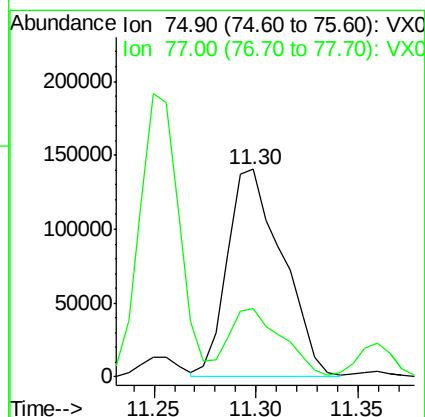
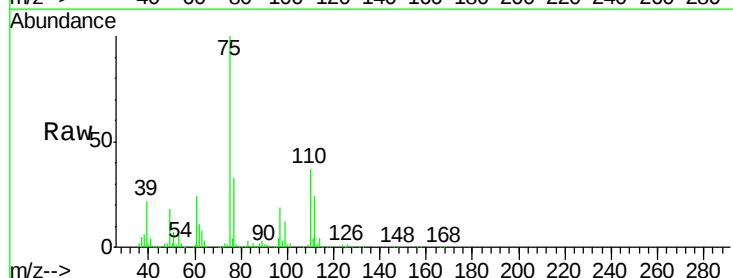
Acq: 04 Mar 2019 21:41

Tgt Ion: 75 Resp: 264373

Ion Ratio Lower Upper

75 100

77 32.4 23.0 69.0





#77

Bromobenzene

Concen: 48.421 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

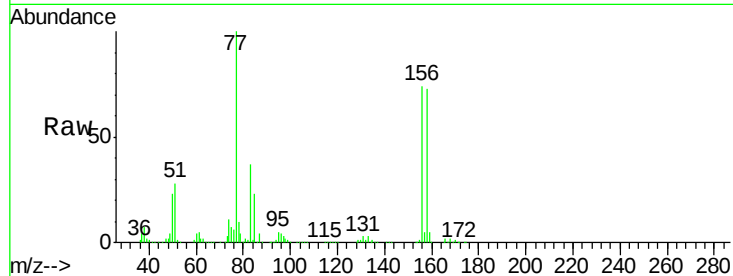
Tot Ion:156 Resp: 177616

Ion Ratio Lower Upper

156 100

77 143.5 66.8 200.6

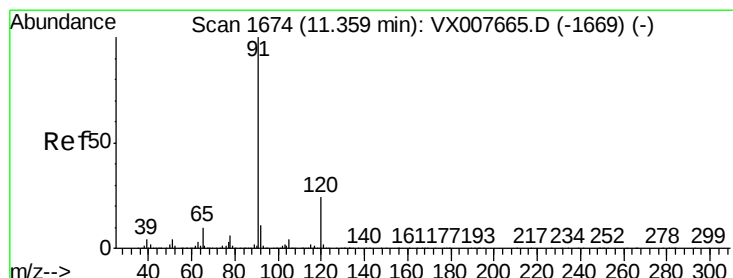
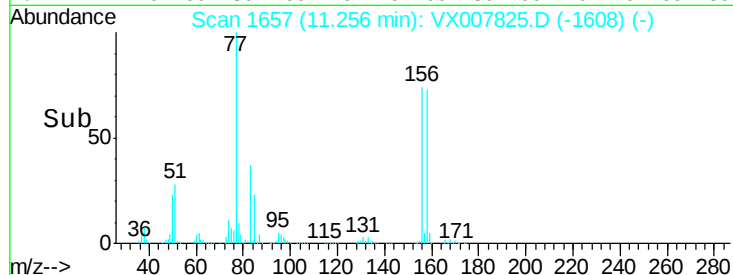
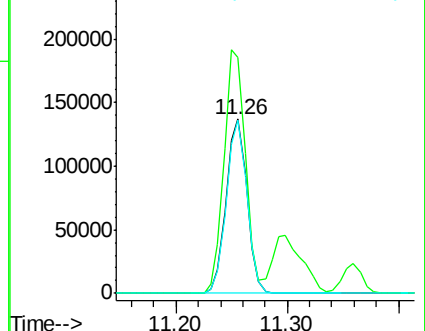
158 98.0 47.9 143.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 45.019 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007825.D

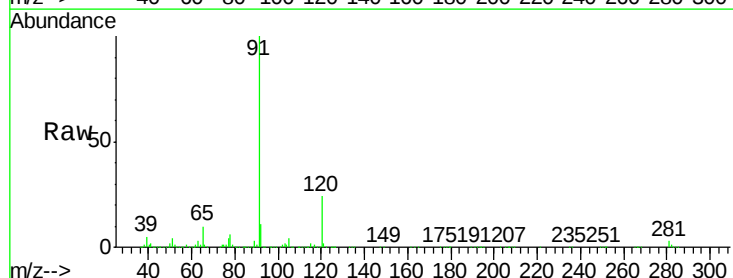
Acq: 04 Mar 2019 21:41

Tgt Ion: 91 Resp: 743987

Ion Ratio Lower Upper

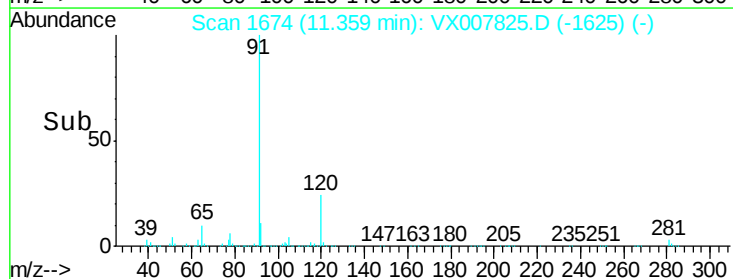
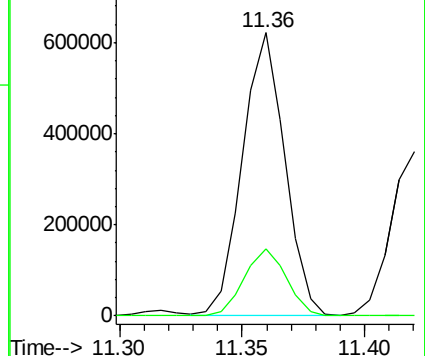
91 100

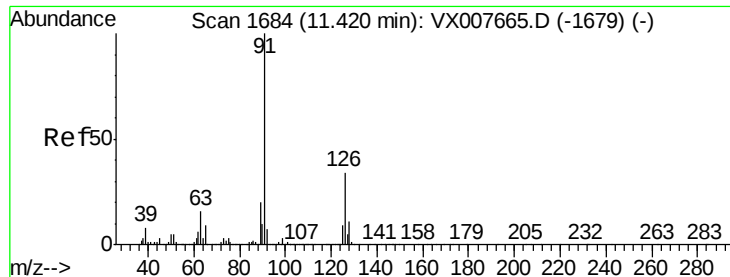
120 23.8 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

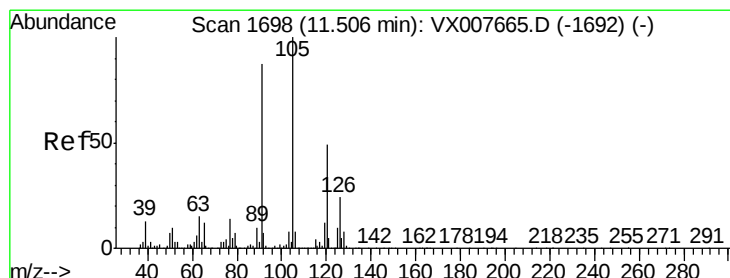
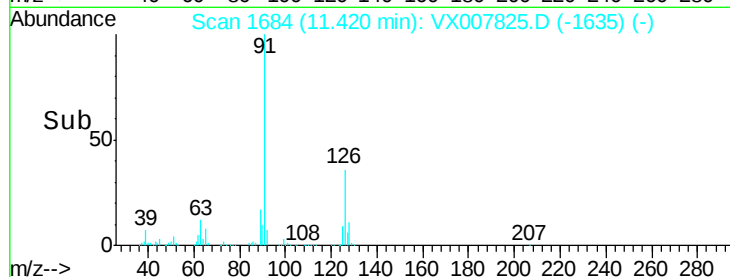
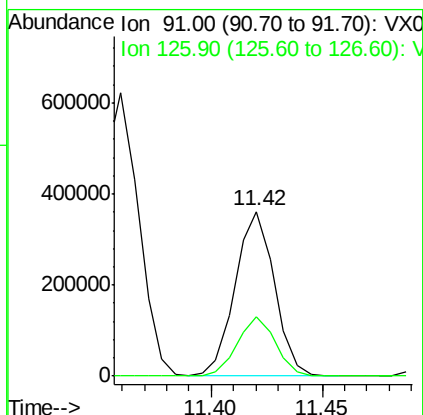
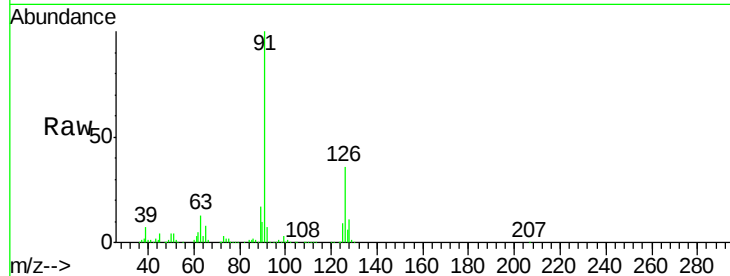




#79
2-Chlorotoluene
Concen: 44.509 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX007825.D
Acq: 04 Mar 2019 21:41

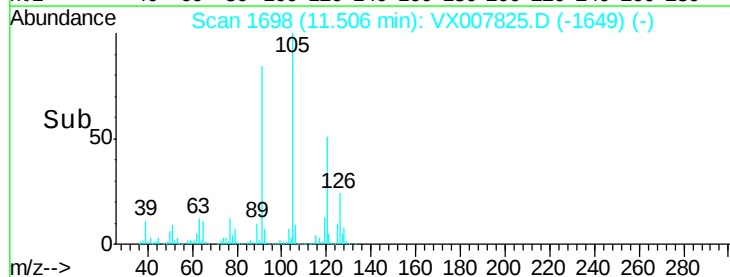
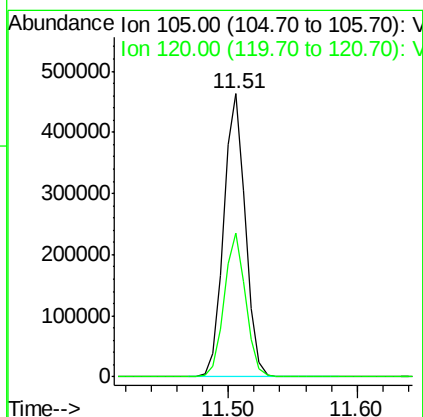
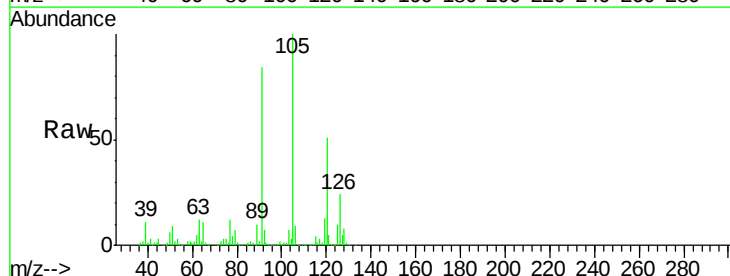
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

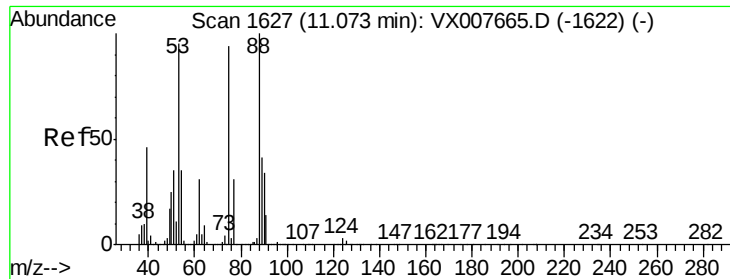
Tot Ion: 91 Resp: 442888
Ion Ratio Lower Upper
91 100
126 35.5 18.7 56.1



#80
1,3,5-Trimethylbenzene
Concen: 45.609 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX007825.D
Acq: 04 Mar 2019 21:41

Tgt Ion: 105 Resp: 548650
Ion Ratio Lower Upper
105 100
120 50.2 25.3 75.8

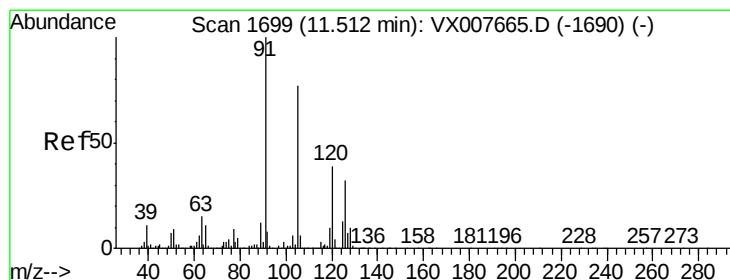
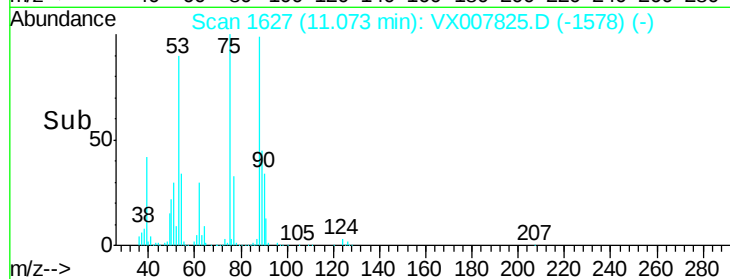
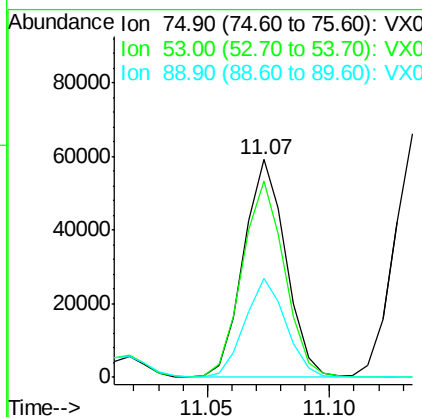
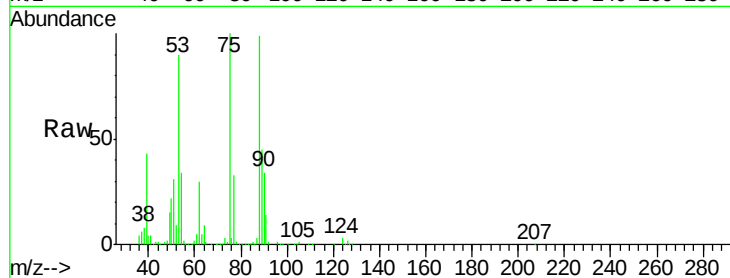




#81
trans-1,4-Dichloro-2-butene
Concen: 43.791 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007825.D
Acq: 04 Mar 2019 21:41

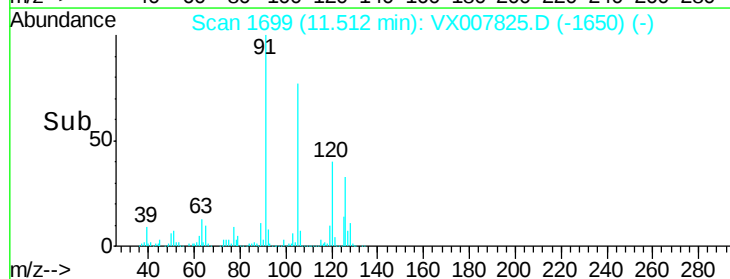
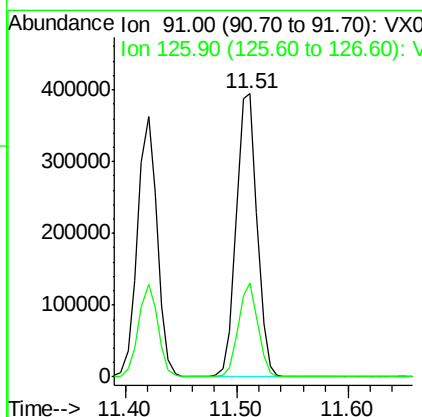
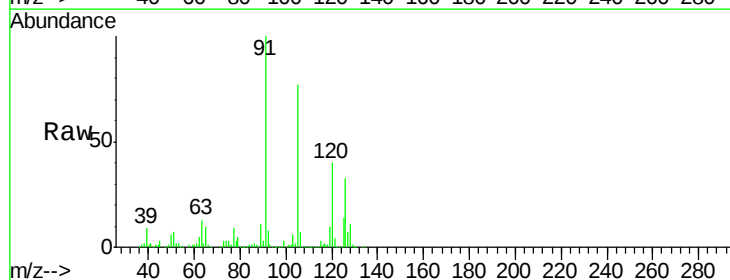
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

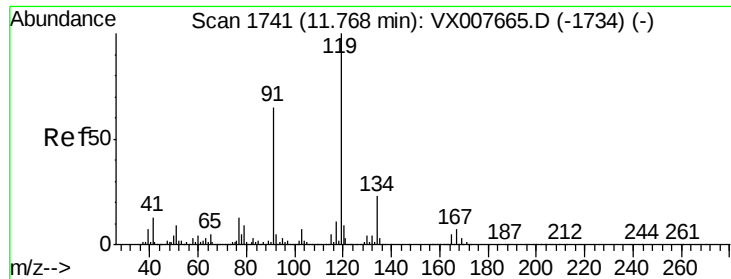
Tot Ion: 75 Resp: 70628
Ion Ratio Lower Upper
75 100
53 90.3 81.0 121.6
89 44.4 41.4 62.0



#82
4-Chlorotoluene
Concen: 43.925 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX007825.D
Acq: 04 Mar 2019 21:41

Tgt Ion: 91 Resp: 511314
Ion Ratio Lower Upper
91 100
126 31.3 16.2 48.5

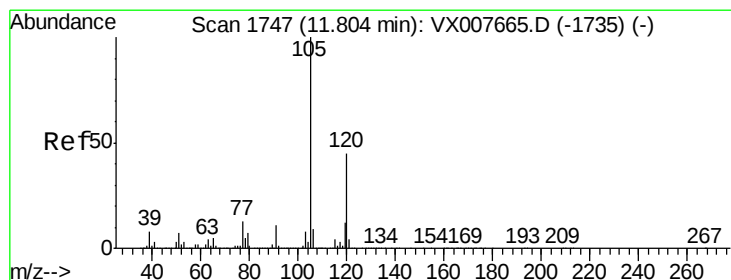
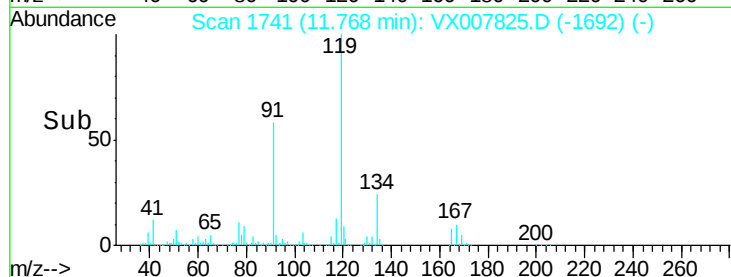
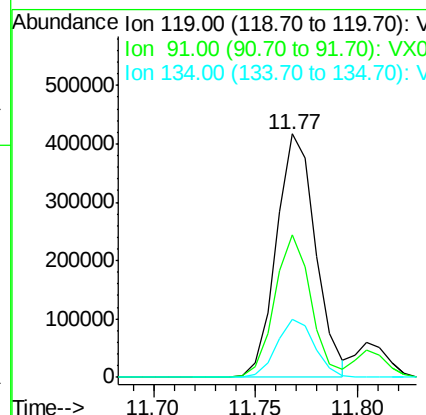
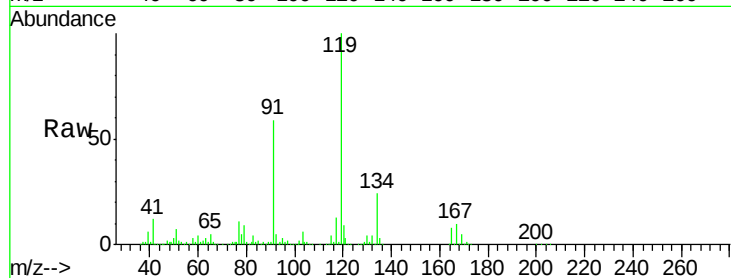




#83
 tert-Butylbenzene
 Concen: 48.340 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX007825.D
 Acq: 04 Mar 2019 21:41

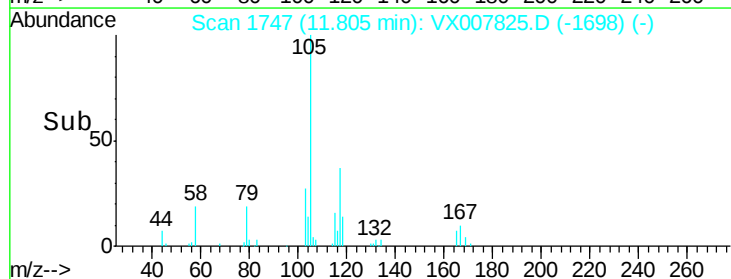
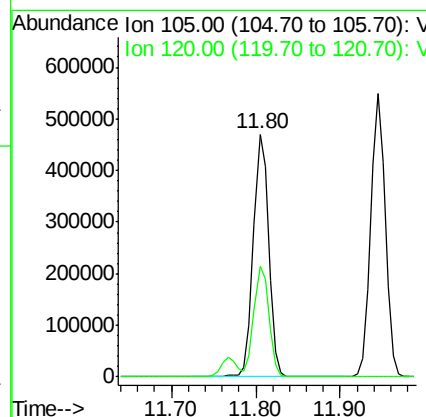
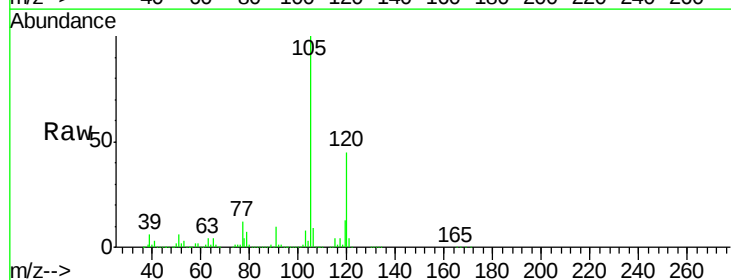
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

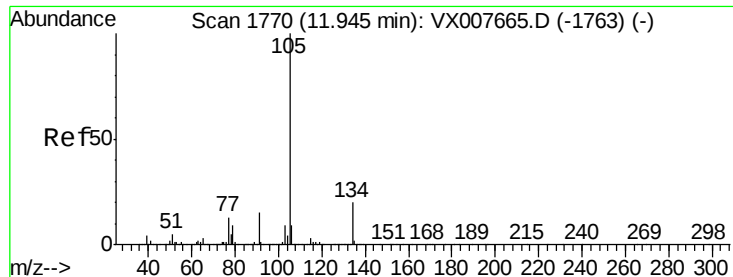
Tot Ion:119 Resp: 558330
 Ion Ratio Lower Upper
 119 100
 91 54.6 28.5 85.6
 134 23.0 12.0 36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 46.108 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX007825.D
 Acq: 04 Mar 2019 21:41

Tgt Ion:105 Resp: 567360
 Ion Ratio Lower Upper
 105 100
 120 44.9 23.1 69.3





#85

sec-Butylbenzene

Concen: 45.744 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

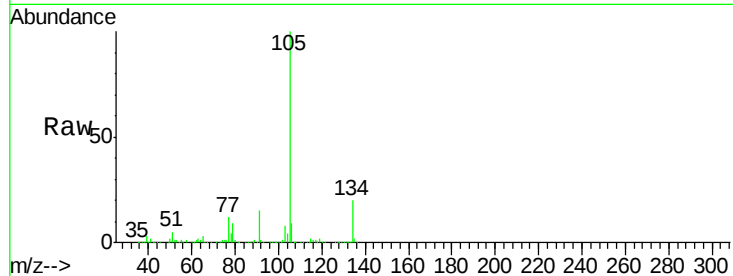
VSTDCCC050EC

Tot Ion:105 Resp: 662077

Ion Ratio Lower Upper

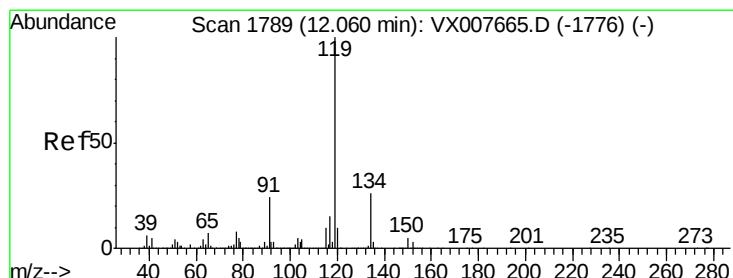
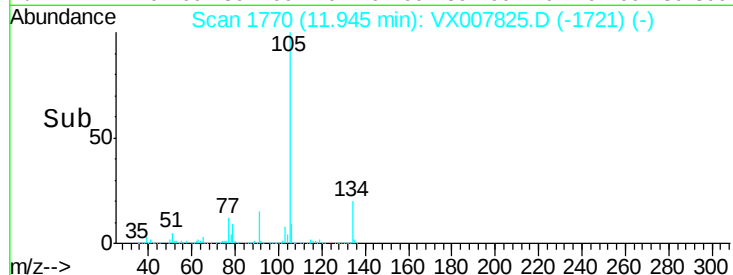
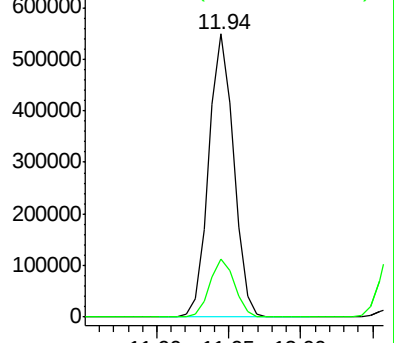
105 100

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: 46.817 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

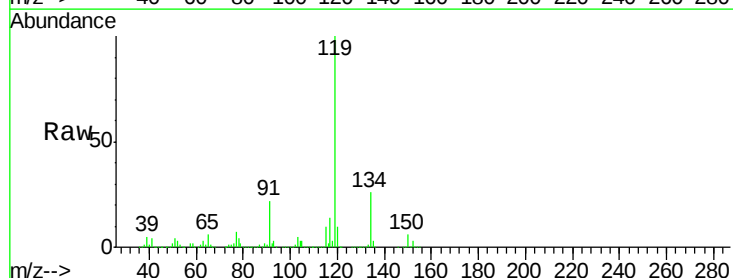
Tgt Ion:119 Resp: 593411

Ion Ratio Lower Upper

119 100

134 26.5 13.7 41.1

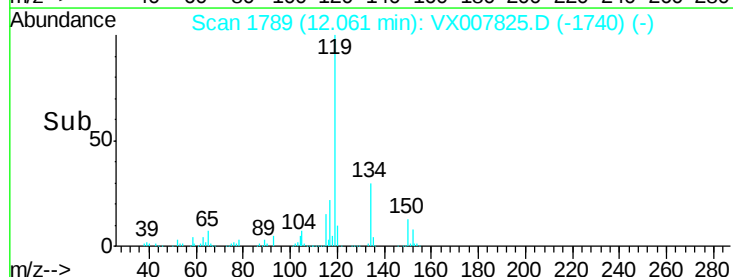
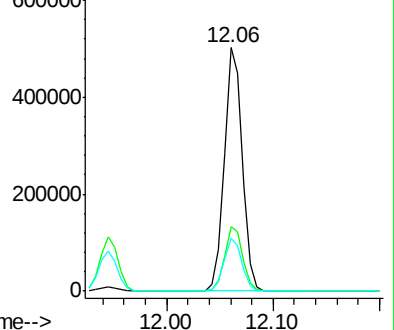
91 21.7 11.2 33.5

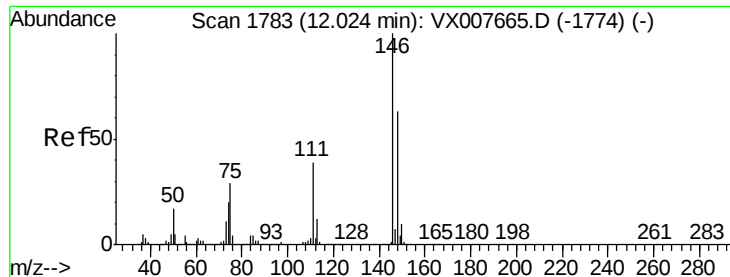


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

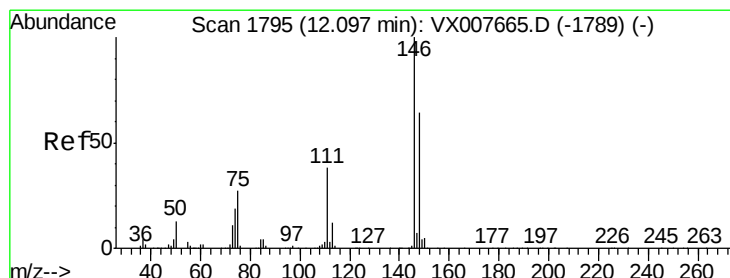
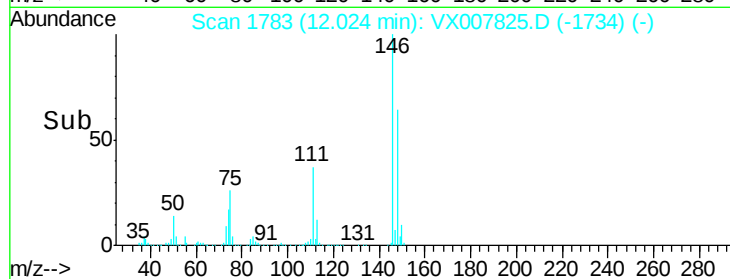
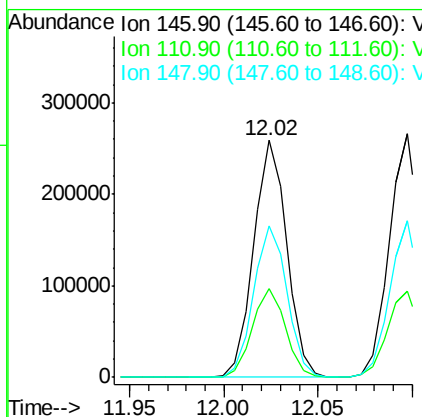
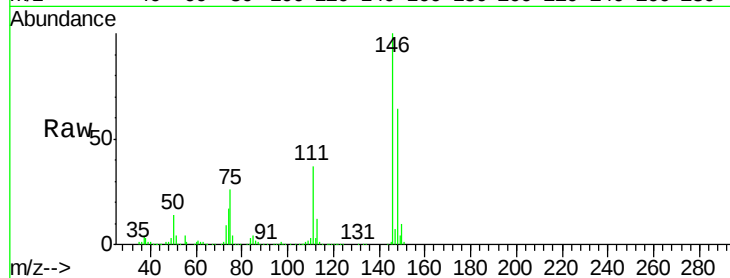




#87
 1,3-Dichlorobenzene
 Concen: 46.271 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007825.D
 Acq: 04 Mar 2019 21:41

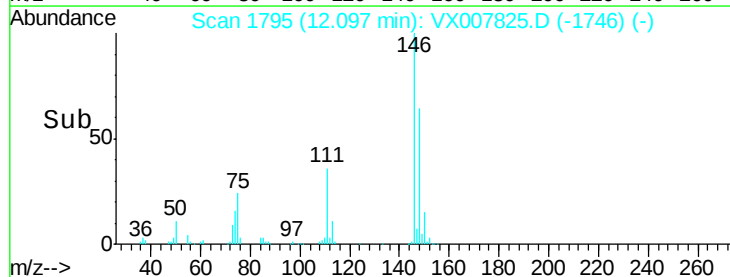
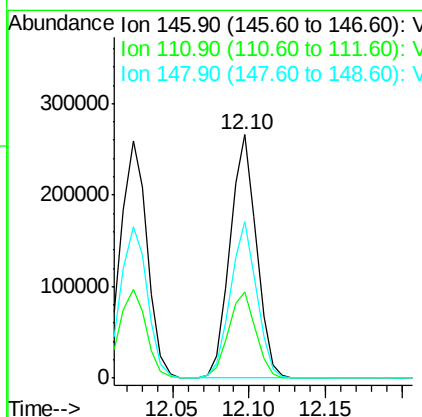
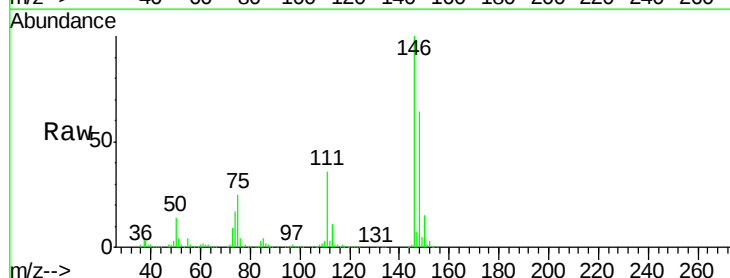
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

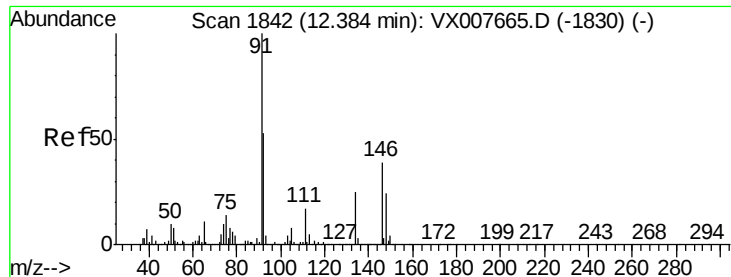
Tot Ion:146 Resp: 314827
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.1 54.1
 148 64.6 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 45.563 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007825.D
 Acq: 04 Mar 2019 21:41

Tgt Ion:146 Resp: 317501
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.1 54.1
 148 63.9 32.3 96.9





#89

n-Butylbenzene

Concen: 44.036 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

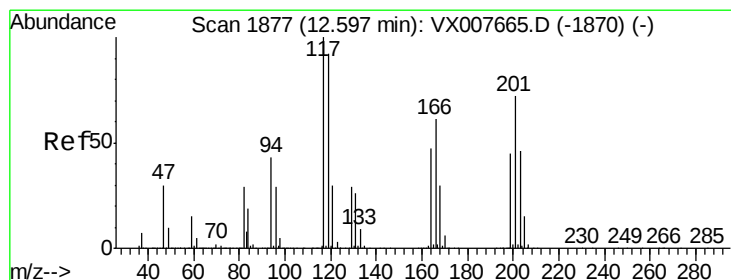
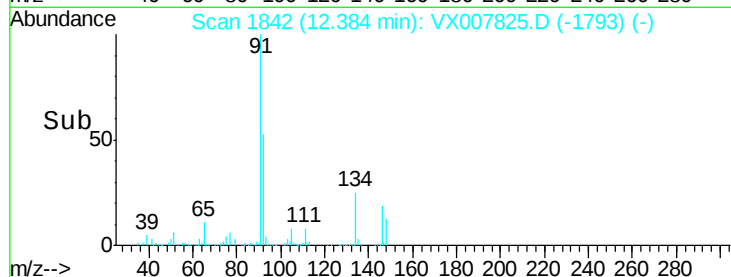
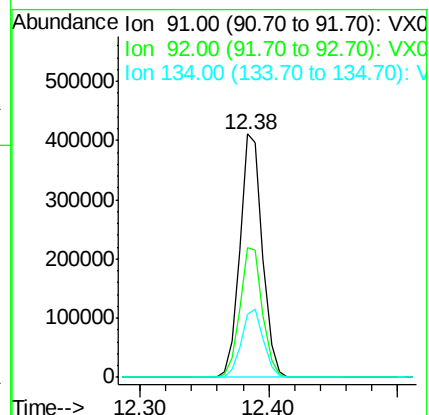
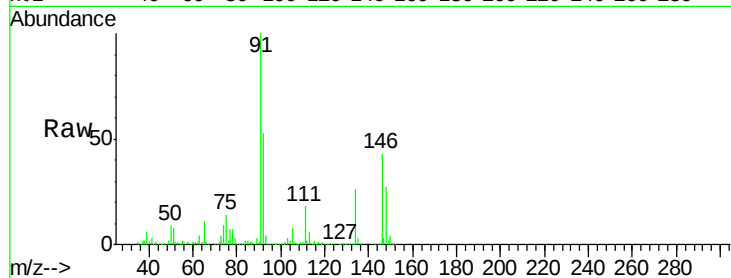
Tot Ion: 91 Resp: 497784

Ion Ratio Lower Upper

91 100

92 53.4 26.3 78.9

134 27.6 13.9 41.6



#90

Hexachloroethane

Concen: 49.136 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX007825.D

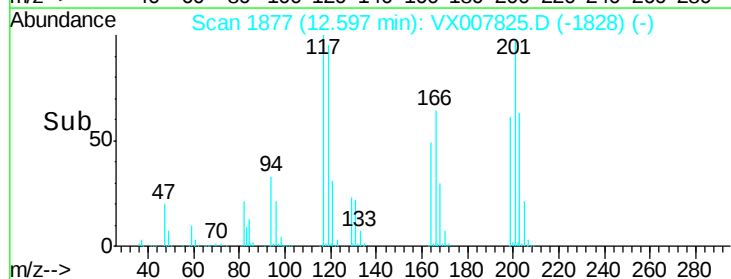
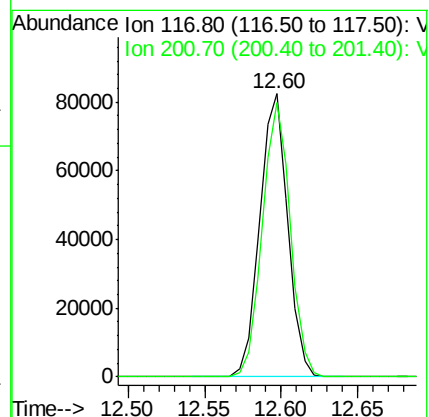
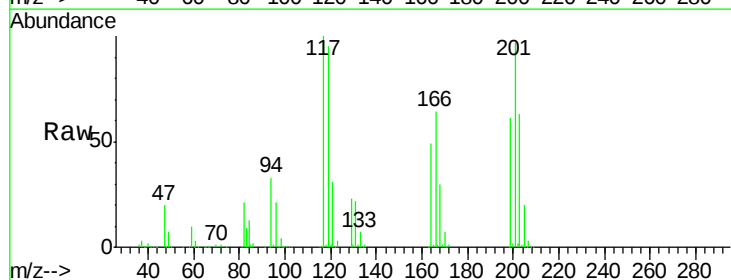
Acq: 04 Mar 2019 21:41

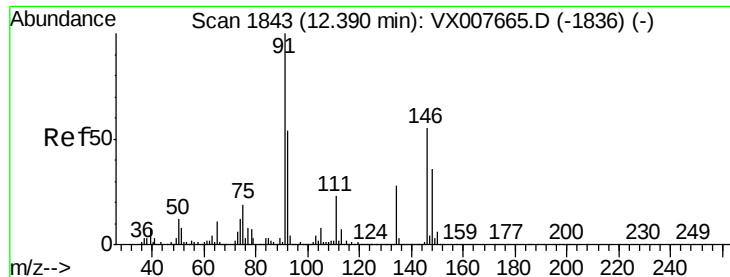
Tgt Ion: 117 Resp: 104939

Ion Ratio Lower Upper

117 100

201 96.8 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 46.964 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

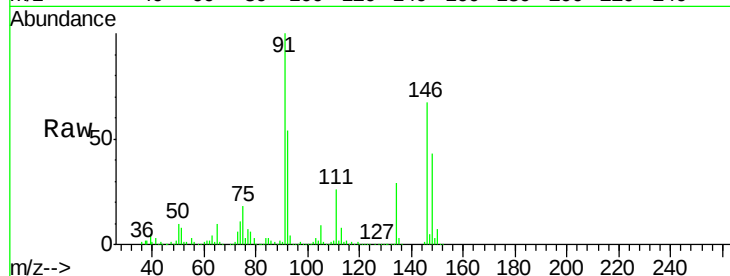
Tot Ion:146 Resp: 319725

Ion Ratio Lower Upper

146 100

111 39.1 19.1 57.3

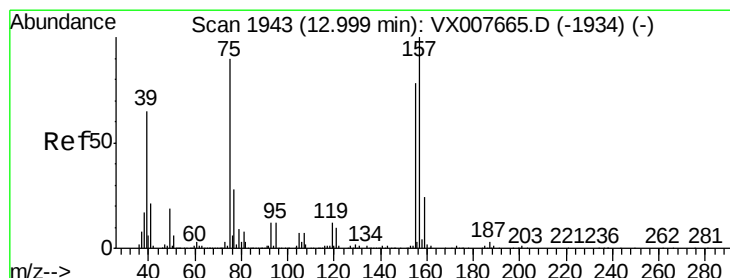
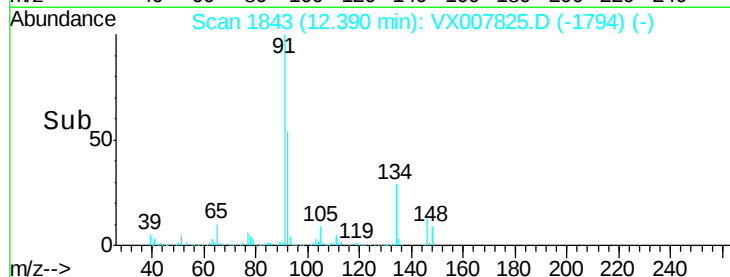
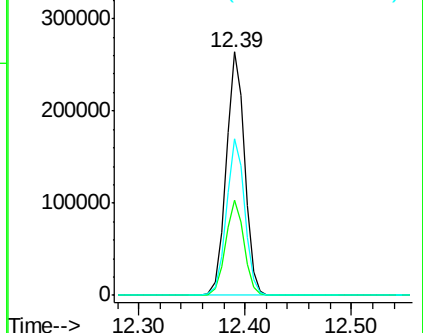
148 64.1 32.1 96.3



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: 45.871 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

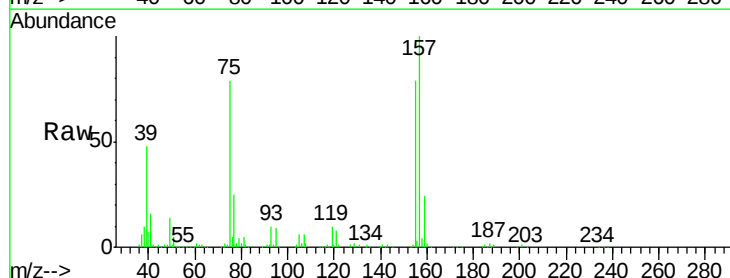
Tgt Ion: 75 Resp: 50555

Ion Ratio Lower Upper

75 100

155 102.0 49.6 149.0

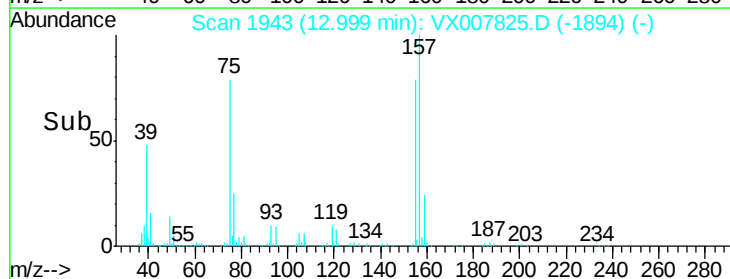
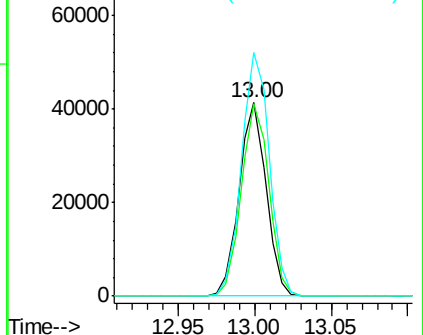
157 130.2 65.1 195.3



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

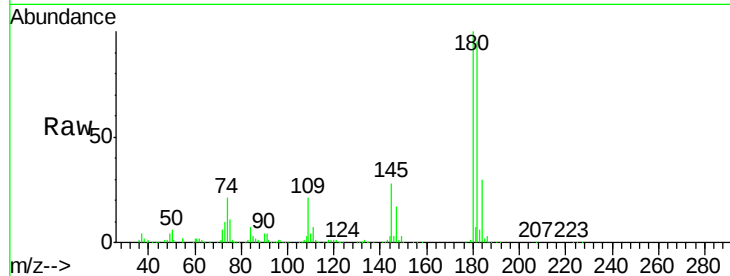




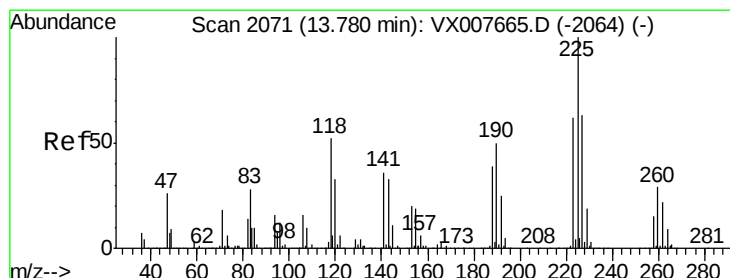
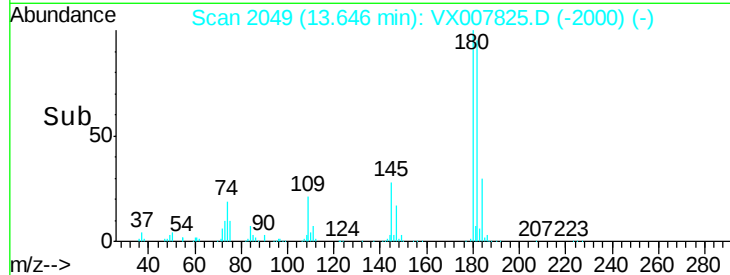
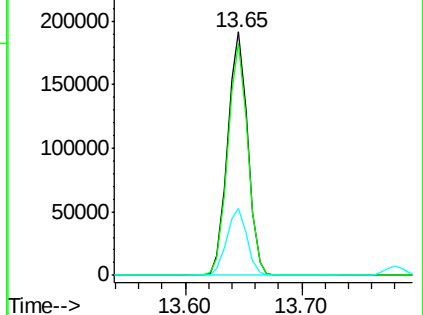
#93
 1,2,4-Trichlorobenzene
 Concen: 55.075 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007825.D
 Acq: 04 Mar 2019 21:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 228869
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.8 143.3
 145 27.7 14.1 42.2

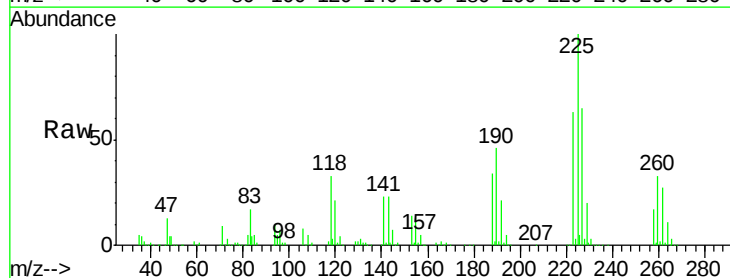


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

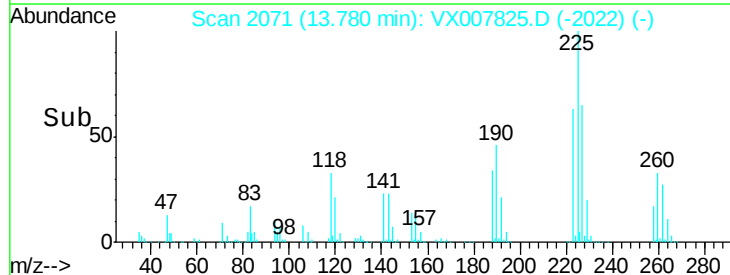
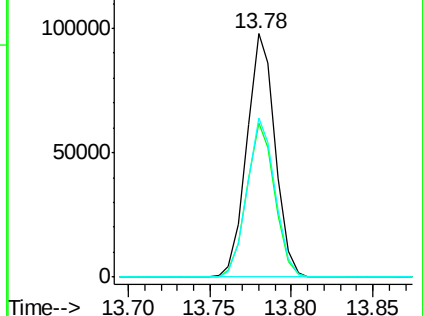


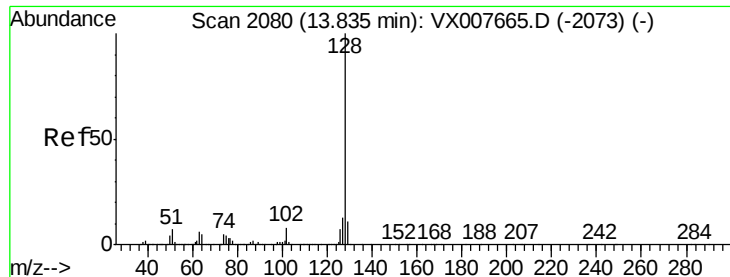
#94
 Hexachlorobutadiene
 Concen: 62.357 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007825.D
 Acq: 04 Mar 2019 21:41

Tgt Ion:225 Resp: 118544
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.6 94.8
 227 64.3 32.1 96.3



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 51.428 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

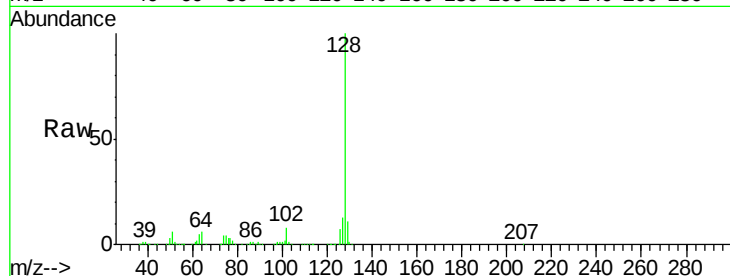
Tot Ion:128 Resp: 692407

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

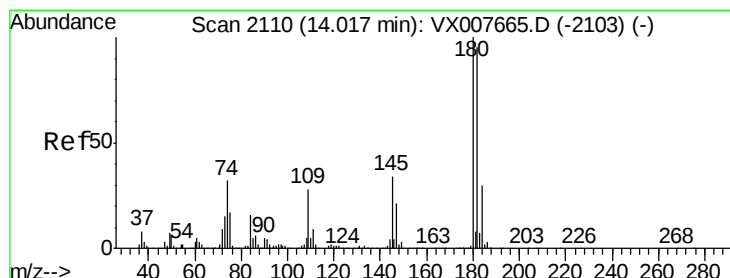
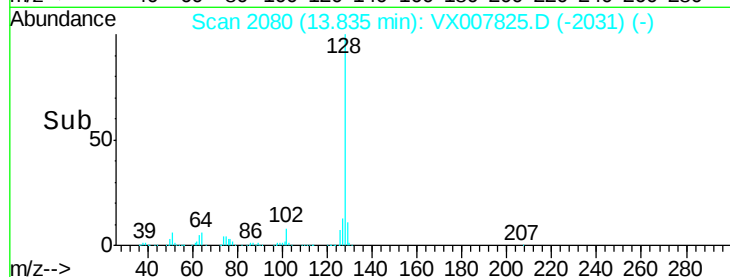
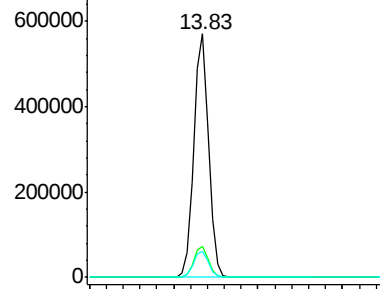
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 54.739 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

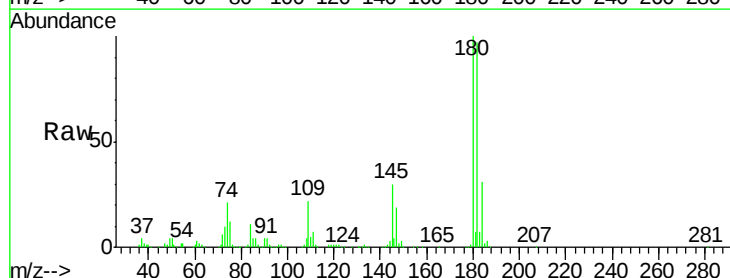
Tgt Ion:180 Resp: 228408

Ion Ratio Lower Upper

180 100

182 96.6 47.5 142.6

145 29.9 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

