

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030519\
 Data File : VX007849.D
 Acq On : 05 Mar 2019 20:34
 Operator : JC/SP
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 06 00:15:04 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	274571	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	403249	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	353536	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	181065	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	147891	43.48	ug/l	0.00
Spiked Amount			Recovery	=	86.96%	
35) Dibromofluoromethane	5.50	113	132704	49.23	ug/l	0.00
Spiked Amount			Recovery	=	98.46%	
50) Toluene-d8	8.71	98	480419	46.55	ug/l	0.00
Spiked Amount			Recovery	=	93.10%	
62) 4-Bromofluorobenzene	11.13	95	170971	45.14	ug/l	0.00
Spiked Amount			Recovery	=	90.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	105443	41.688	ug/l	99
3) Chloromethane	1.33	50	128879	45.981	ug/l	99
4) Vinyl Chloride	1.41	62	139000	48.338	ug/l	95
5) Bromomethane	1.64	94	75088	41.181	ug/l	99
6) Chloroethane	1.71	64	132990	72.387	ug/l	95
7) Trichlorofluoromethane	1.93	101	190427	43.197	ug/l	99
8) Diethyl Ether	2.19	74	85427	47.218	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.39	101	117172	43.976	ug/l	98
10) Methyl Iodide	2.51	142	179705	54.165	ug/l	97
11) Tert butyl alcohol	3.08	59	169426	262.554	ug/l	100
12) 1,1-Dichloroethene	2.37	96	113456	47.239	ug/l	95
13) Acrolein	2.30	56	94731	165.203	ug/l	99
14) Allyl chloride	2.73	41	244835	55.132	ug/l	89
15) Acrylonitrile	3.15	53	406991	268.006	ug/l	99
16) Acetone	2.45	43	333251	220.338	ug/l	99
17) Carbon Disulfide	2.57	76	330714	49.495	ug/l	99
18) Methyl Acetate	2.78	43	199715	60.514	ug/l	94
19) Methyl tert-butyl Ether	3.21	73	419241	50.127	ug/l	99
20) Methylene Chloride	2.86	84	130338	46.670	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	121789	46.645	ug/l	96
22) Diisopropyl ether	3.87	45	465769	50.383	ug/l	94
23) Vinyl Acetate	3.82	43	2025838	249.771	ug/l	98
24) 1,1-Dichloroethane	3.70	63	249289	49.617	ug/l	98
25) 2-Butanone	4.70	43	564133	244.864	ug/l	96
26) 2,2-Dichloropropane	4.58	77	160651	40.057	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	147939	44.529	ug/l	93
28) Bromochloromethane	5.02	49	116828	47.764	ug/l	87
29) Tetrahydrofuran	5.15	42	380325	250.437	ug/l	93
30) Chloroform	5.21	83	237524	44.135	ug/l	99
31) Cyclohexane	5.57	56	216624	45.837	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	204602	45.969	ug/l	99
36) 1,1-Dichloropropene	5.80	75	175233	48.335	ug/l	97
37) Ethyl Acetate	4.85	43	213335	52.974	ug/l	100
38) Carbon Tetrachloride	5.78	117	184760	50.734	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	213925	46.689	ug/l	95
40) Benzene	6.14	78	545721	48.763	ug/l	99
41) Methacrylonitrile	5.06	41	121275	56.395	ug/l	94
42) 1,2-Dichloroethane	6.20	62	180384	47.956	ug/l	98
43) Isopropyl Acetate	6.46	43	339424	54.763	ug/l	98
44) Trichloroethene	7.21	130	145867	47.381	ug/l	96
45) 1,2-Dichloropropane	7.51	63	148629	51.270	ug/l	100
46) Dibromomethane	7.66	93	92411	45.693	ug/l	97
47) Bromodichloromethane	7.90	83	188734	53.850	ug/l	99
48) Methyl methacrylate	7.77	41	173001	53.249	ug/l	92
49) 1,4-Dioxane	7.75	88	68763	979.935	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	1071288	258.214	ug/l	100
52) Toluene	8.78	92	332907	47.174	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	202178	46.602	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	225139	52.934	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	140296	47.674	ug/l	99
56) Ethyl methacrylate	9.18	69	216456	51.723	ug/l	94
57) 1,3-Dichloropropane	9.37	76	233366	49.539	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	541952	234.839	ug/l	97
59) 2-Hexanone	9.49	43	808607	248.251	ug/l	99
60) Dibromochloromethane	9.59	129	158772	56.070	ug/l	98
61) 1,2-Dibromoethane	9.67	107	146872	48.070	ug/l	99
64) Tetrachloroethene	9.34	164	133735	46.597	ug/l	98
65) Chlorobenzene	10.13	112	367274	48.033	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	142919	53.584	ug/l	99
67) Ethyl Benzene	10.25	91	623396	49.216	ug/l	99
68) m/p-Xylenes	10.36	106	476528	96.705	ug/l	97
69) o-Xylene	10.69	106	232963	49.150	ug/l	96
70) Styrene	10.71	104	386893	49.660	ug/l	100
71) Bromoform	10.85	173	131076	65.536	ug/l	99
73) Isopropylbenzene	11.02	105	624922	48.290	ug/l	99
74) N-amyl acetate	10.90	43	294897	52.475	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	212326	47.438	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	246713	63.924	ug/l	79
77) Bromobenzene	11.26	156	165423	50.964	ug/l	95
78) n-propylbenzene	11.36	91	705200	48.224	ug/l	98
79) 2-Chlorotoluene	11.42	91	412862	46.889	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	514448	48.329	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	66551	46.436	ug/l	89
82) 4-Chlorotoluene	11.51	91	475666	46.179	ug/l	99
83) tert-Butylbenzene	11.77	119	524790	51.347	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	528413	48.530	ug/l	98
85) sec-Butylbenzene	11.94	105	621283	48.510	ug/l	98
86) p-Isopropyltoluene	12.06	119	555040	49.486	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	293536	48.754	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	293844	47.654	ug/l	99
89) n-Butylbenzene	12.39	91	473184	47.305	ug/l	99
90) Hexachloroethane	12.60	117	101534	53.726	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	295174	48.998	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	46745	47.932	ug/l	98

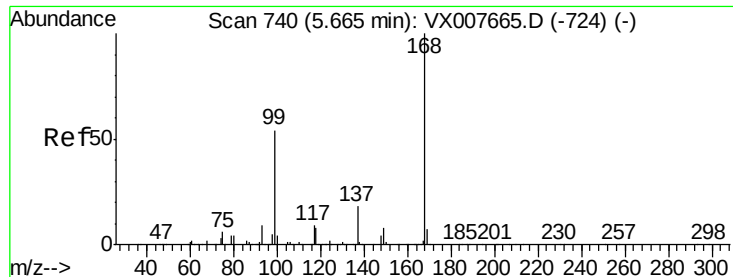
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	212006	57.654	ug/l	100
94) Hexachlorobutadiene	13.78	225	110884	65.916	ug/l	99
95) Naphthalene	13.83	128	635639	53.354	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	213274	57.762	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: VX007849.D

Acq: 05 Mar 2019 20:34

Instrument :

MSVOA_X

ClientSampleId :

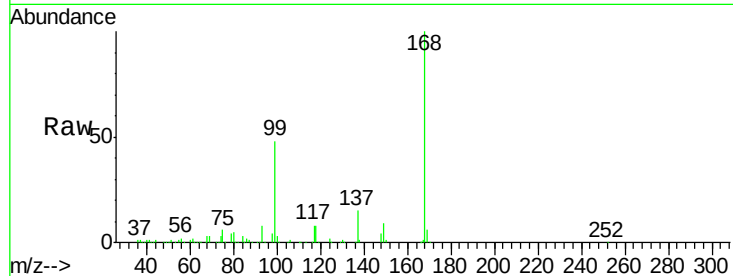
VSTDCCC050EC

Tot Ion:168 Resp: 274571

Ion Ratio Lower Upper

168 100

99 48.3 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

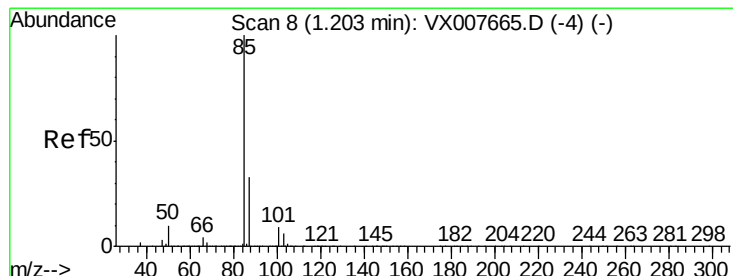
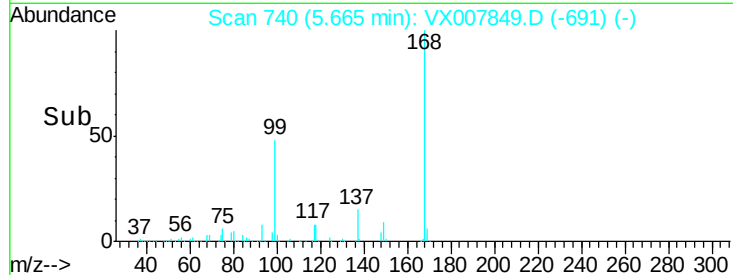
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 41.688 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.01 min

Lab File: VX007849.D

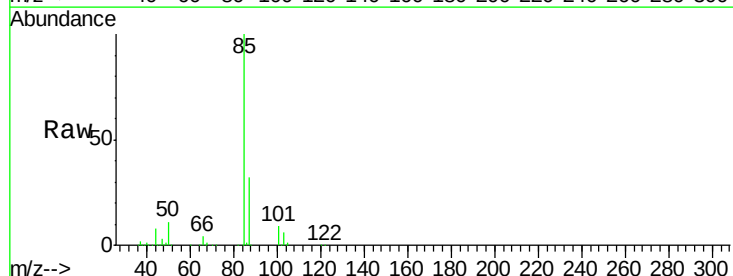
Acq: 05 Mar 2019 20:34

Tgt Ion: 85 Resp: 105443

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

100000

80000

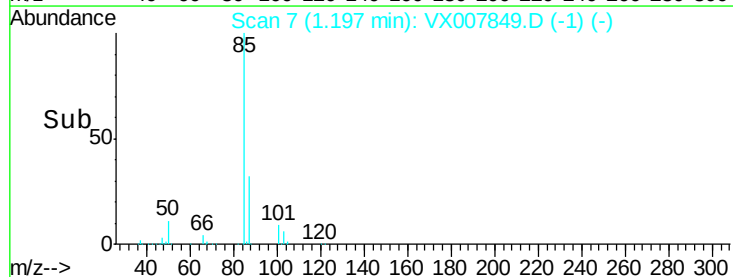
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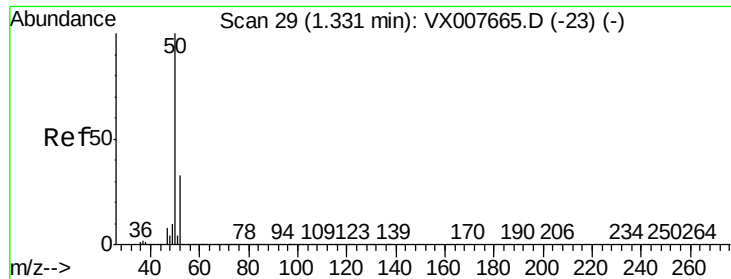
40000

20000

0

Time-->





#3

Chloromethane

Concen: 45.981 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007849.D

Acq: 05 Mar 2019 20:34

Instrument :

MSVOA_X

ClientSampleId :

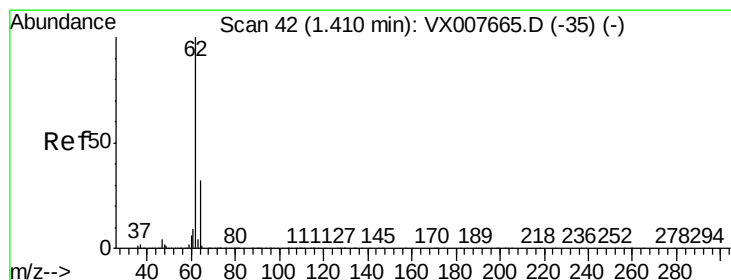
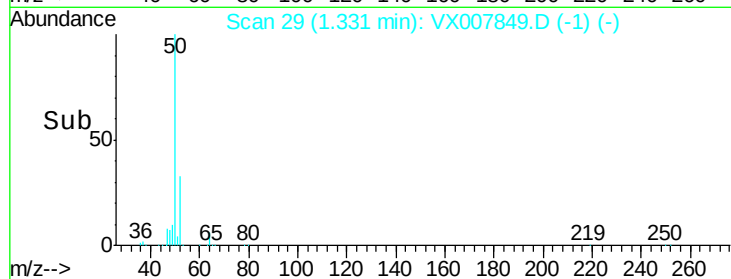
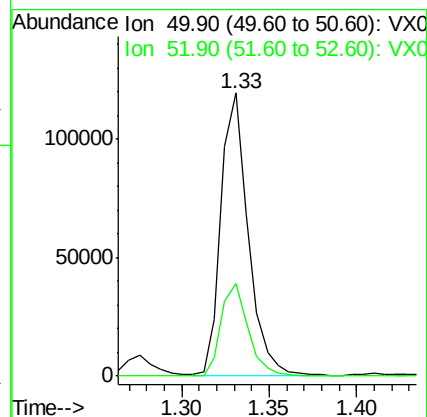
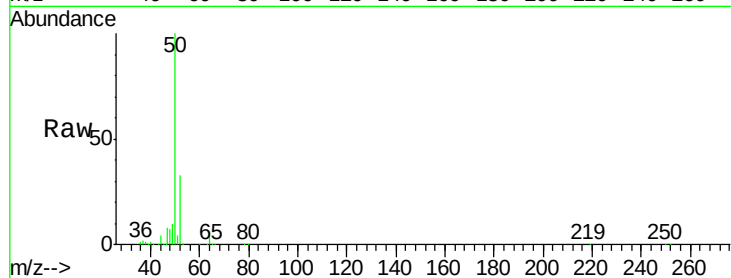
VSTDCCC050EC

Tot Ion: 50 Resp: 128879

Ion Ratio Lower Upper

50 100

52 33.0 26.1 39.1



#4

Vinyl Chloride

Concen: 48.338 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007849.D

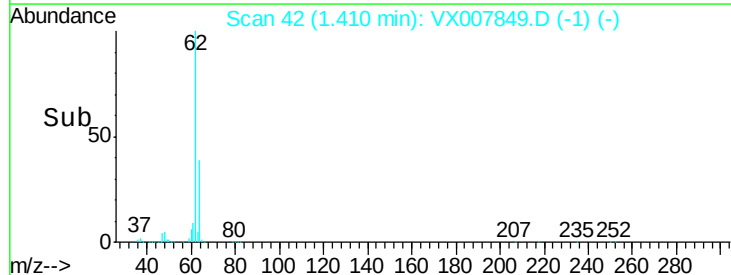
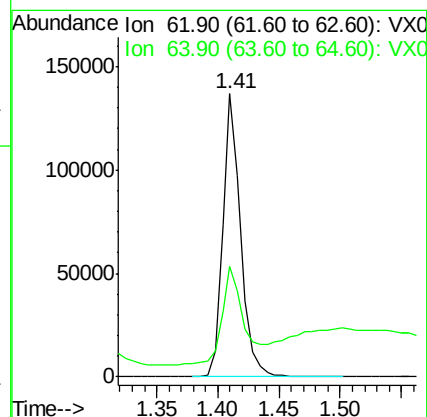
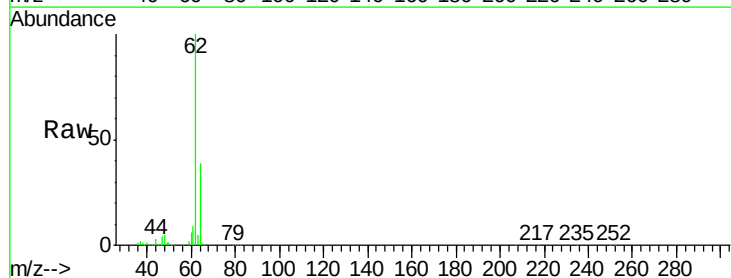
Acq: 05 Mar 2019 20:34

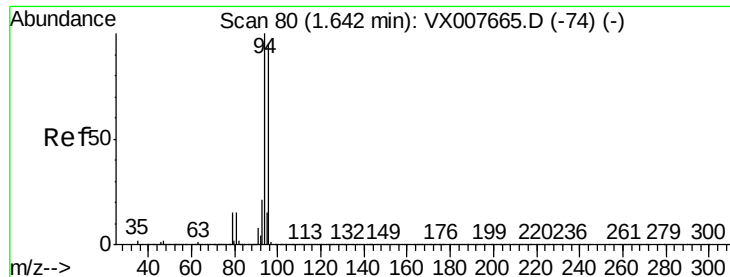
Tgt Ion: 62 Resp: 139000

Ion Ratio Lower Upper

62 100

64 34.5 25.4 38.0





#5

Bromomethane

Concen: 41.181 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007849.D

Acq: 05 Mar 2019 20:34

Instrument :

MSVOA_X

ClientSampleId :

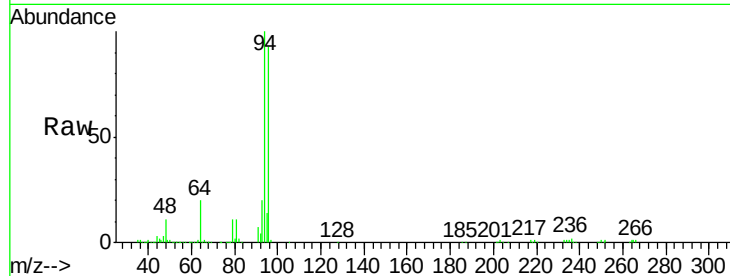
VSTDCCC050EC

Tot Ion: 94 Resp: 75088

Ion Ratio Lower Upper

94 100

96 93.4 73.9 110.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

80000

60000

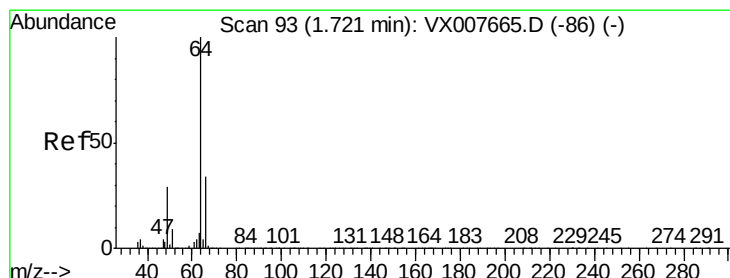
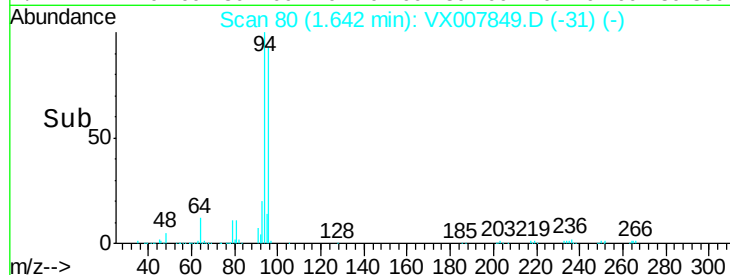
40000

20000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 72.387 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX007849.D

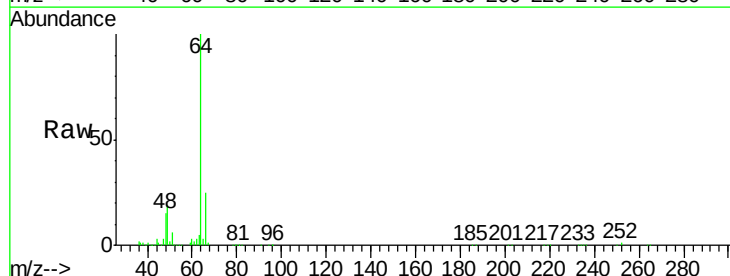
Acq: 05 Mar 2019 20:34

Tgt Ion: 64 Resp: 132990

Ion Ratio Lower Upper

64 100

66 28.9 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

100000

80000

60000

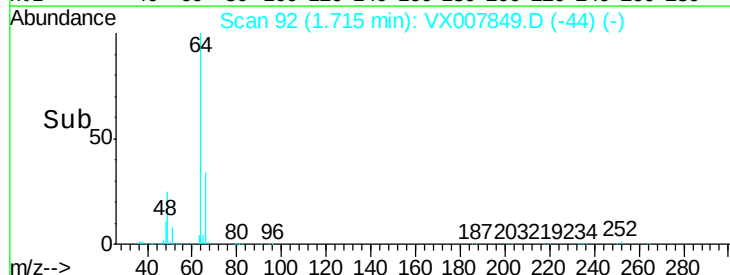
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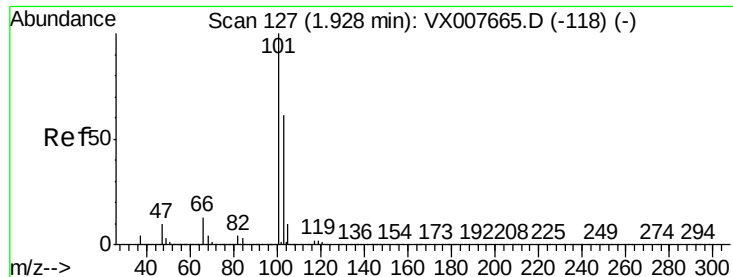
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0

Time-->

1.60 1.70 1.80 1.90



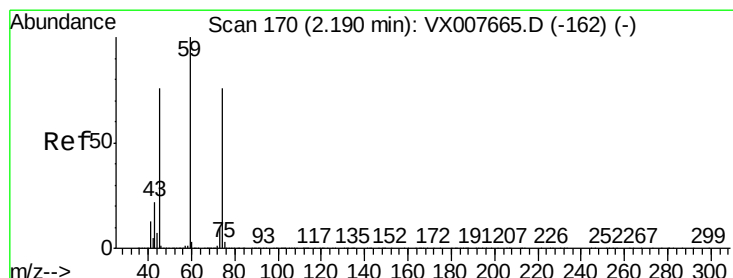
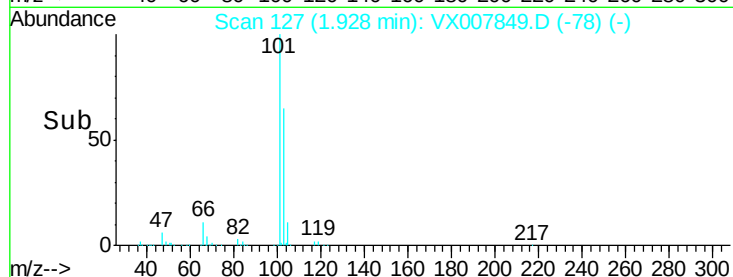
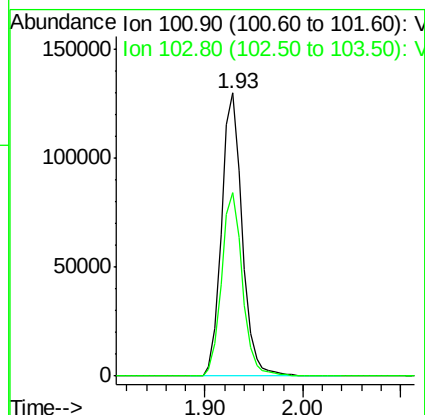
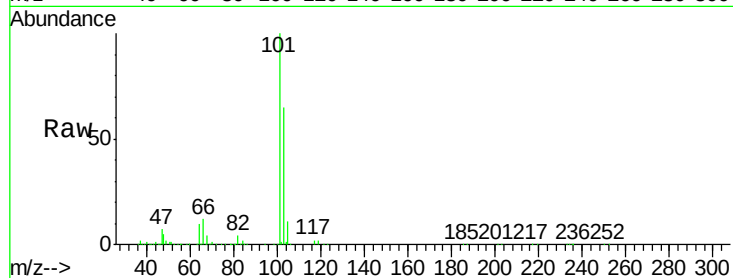


#7

Trichlorofluoromethane
Concen: 43.197 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX007849.D
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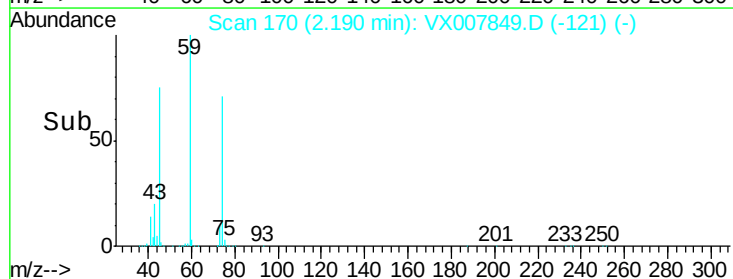
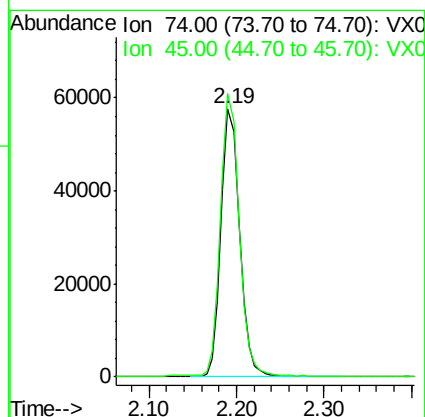
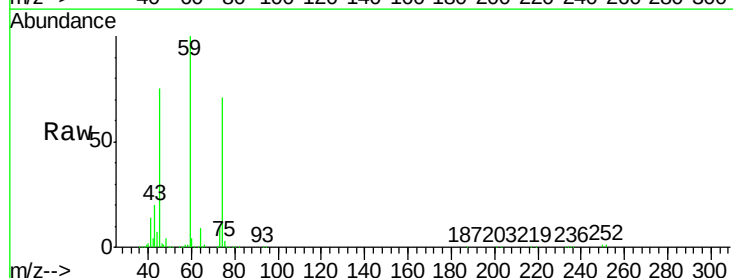
Tot Ion:101 Resp: 190427
Ion Ratio Lower Upper
101 100
103 64.9 52.6 79.0

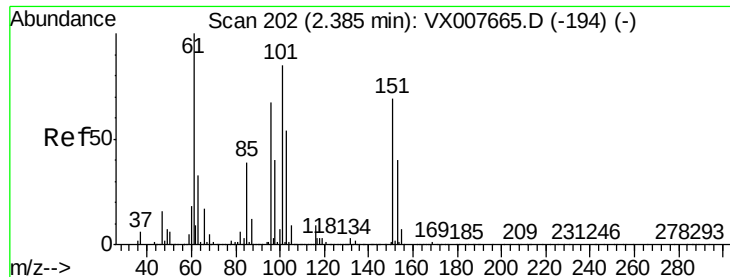


#8

Diethyl Ether
Concen: 47.218 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007849.D
Acq: 05 Mar 2019 20:34

Tgt Ion: 74 Resp: 85427
Ion Ratio Lower Upper
74 100
45 104.7 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.976 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007849.D

Acq: 05 Mar 2019 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

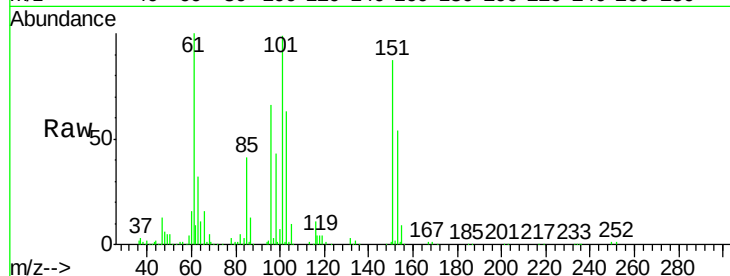
Tot Ion:101 Resp: 117172

Ion Ratio Lower Upper

101 100

85 41.9 34.1 51.1

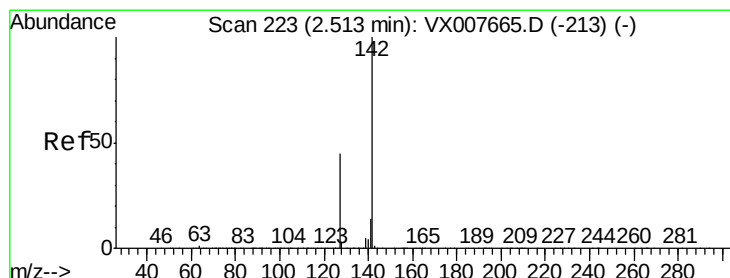
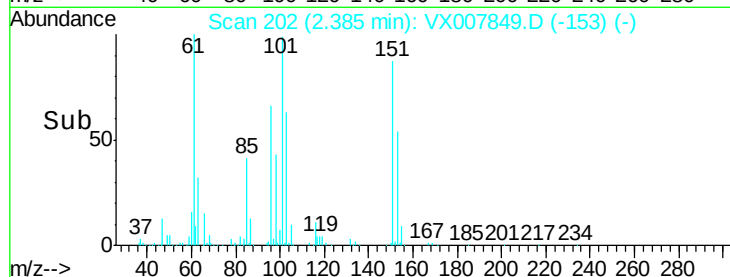
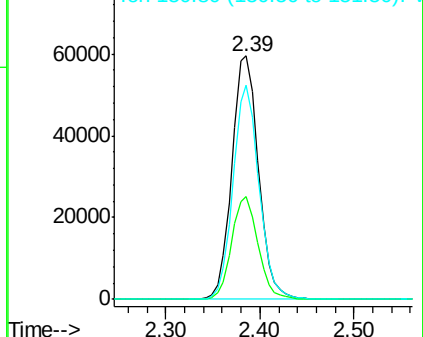
151 85.7 69.9 104.9



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: 54.165 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007849.D

Acq: 05 Mar 2019 20:34

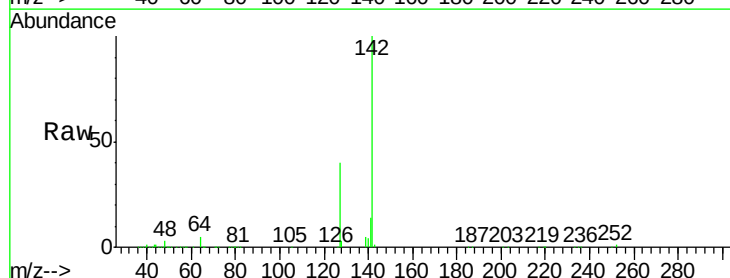
Tgt Ion:142 Resp: 179705

Ion Ratio Lower Upper

142 100

127 40.0 33.7 50.5

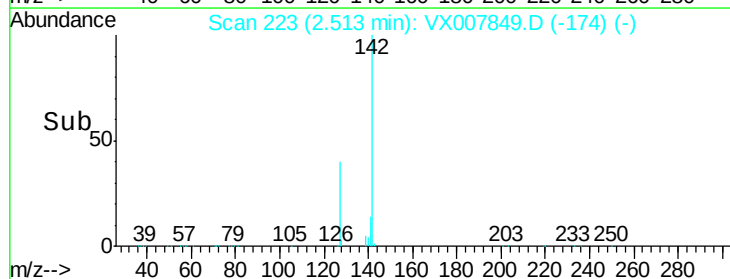
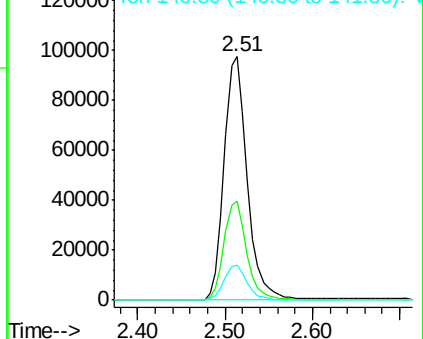
141 14.5 11.3 16.9

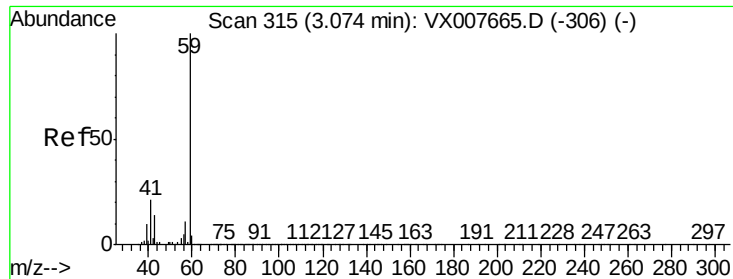


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



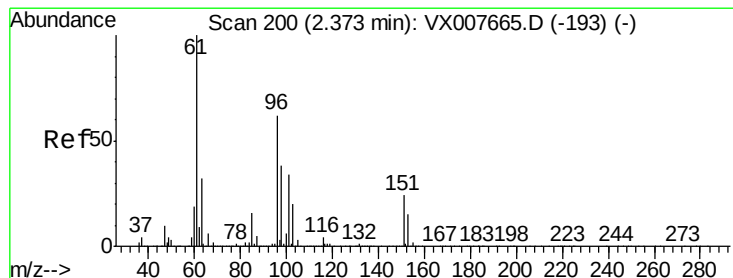
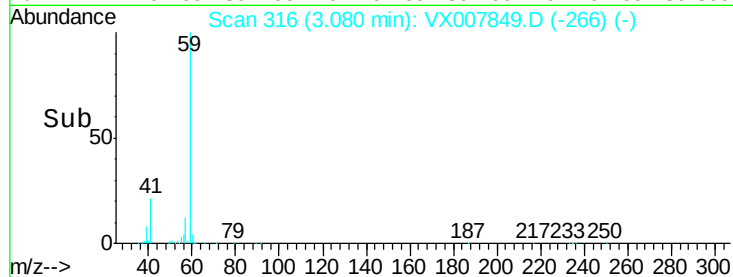
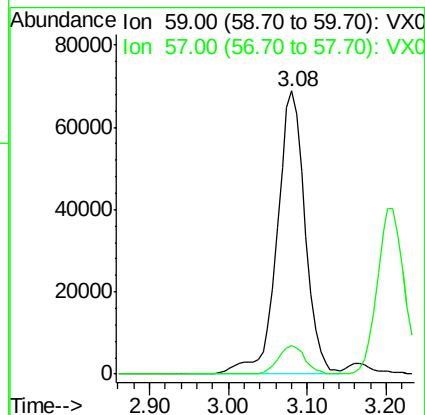
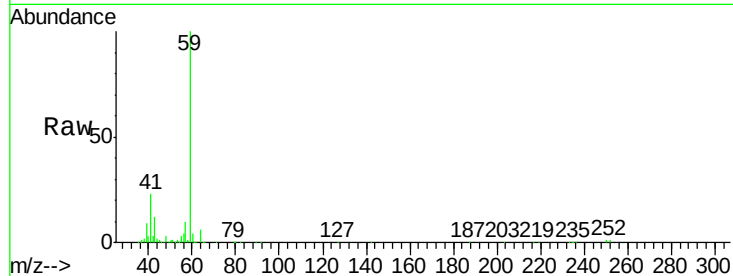


#11

Tert butyl alcohol
Concen: 262.554 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX007849.D
Acq: 05 Mar 2019 20:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

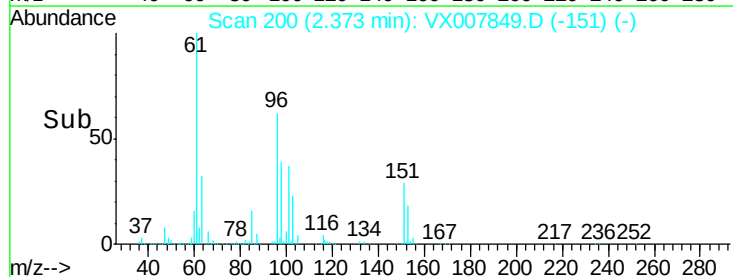
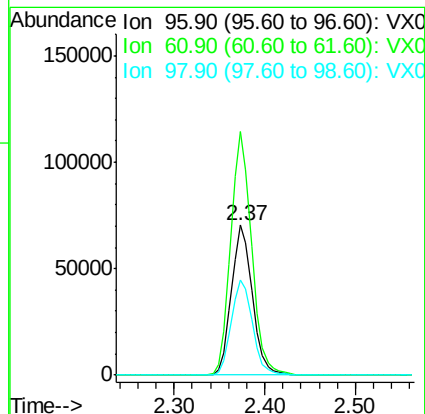
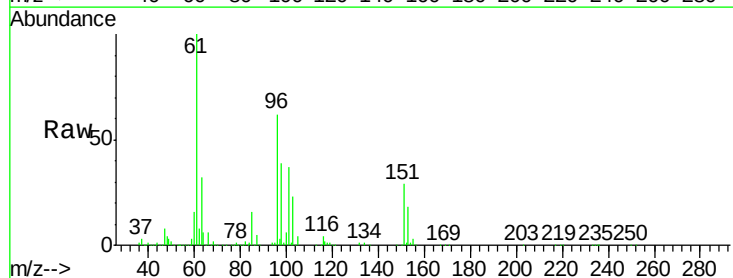
Tot Ion: 59 Resp: 169426
Ion Ratio Lower Upper
59 100
57 10.0 8.1 12.1

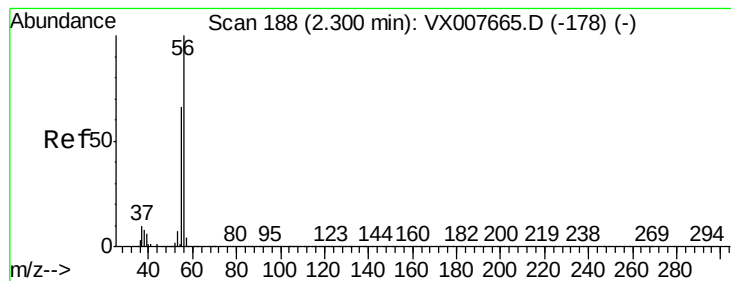


#12

1,1-Dichloroethene
Concen: 47.239 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX007849.D
Acq: 05 Mar 2019 20:34

Tgt Ion: 96 Resp: 113456
Ion Ratio Lower Upper
96 100
61 162.3 123.0 184.4
98 63.3 50.9 76.3





#13

Acrolein

Concen: 165.203 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX007849.D

Acq: 05 Mar 2019 20:34

Instrument :

MSVOA_X

ClientSampleId :

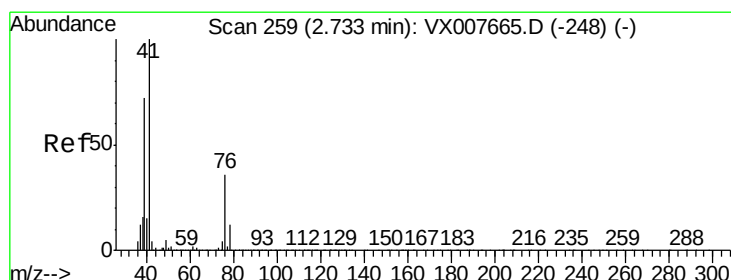
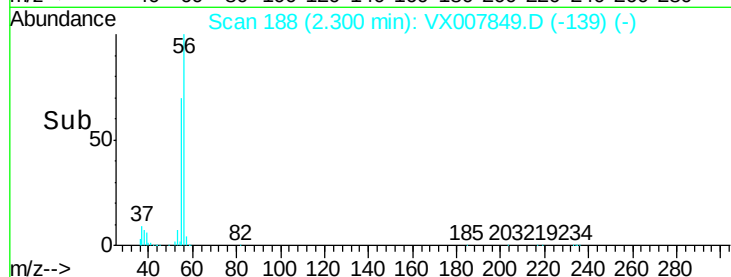
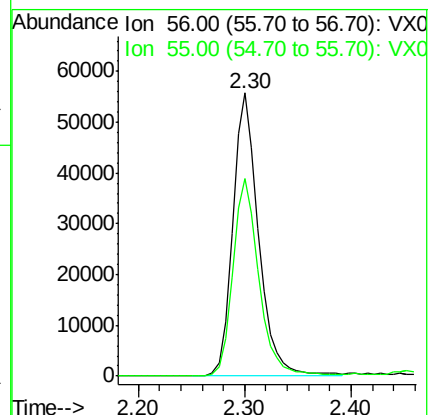
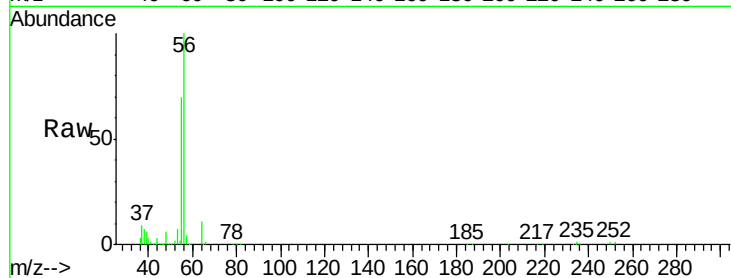
VSTDCCC050EC

Tot Ion: 56 Resp: 94731

Ion Ratio Lower Upper

56 100

55 70.7 56.9 85.3



#14

Allyl chloride

Concen: 55.132 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX007849.D

Acq: 05 Mar 2019 20:34

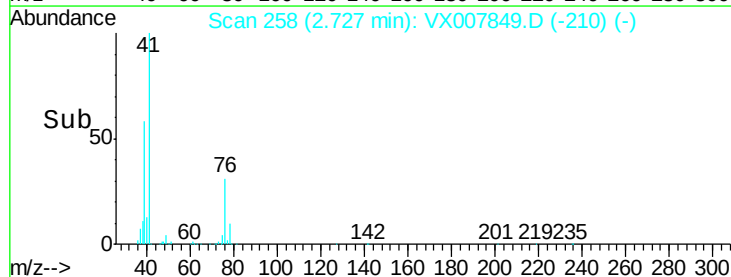
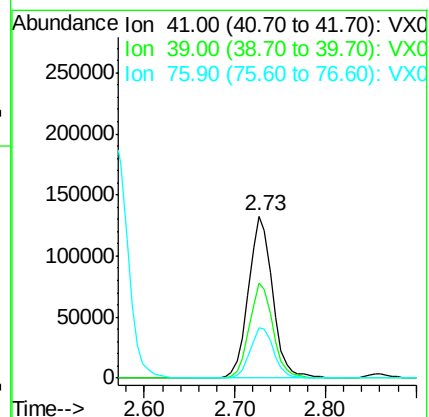
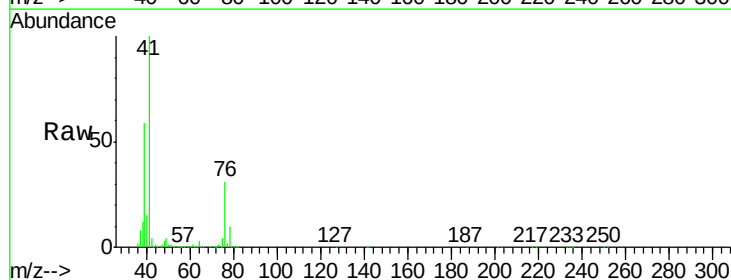
Tgt Ion: 41 Resp: 244835

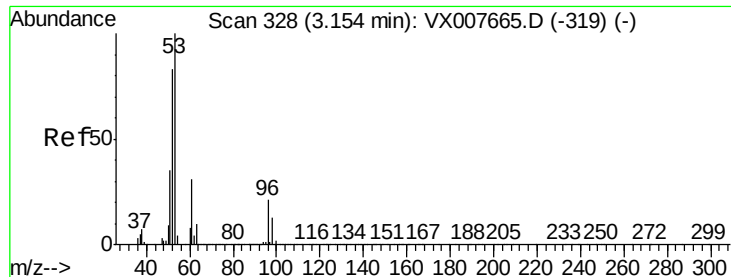
Ion Ratio Lower Upper

41 100

39 57.0 54.1 81.1

76 30.6 27.8 41.8





#15

Acrylonitrile

Concen: 268.006 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007849.D

Acq: 05 Mar 2019 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

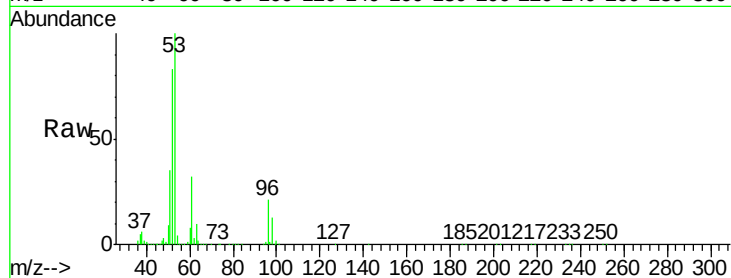
Tot Ion: 53 Resp: 406991

Ion Ratio Lower Upper

53 100

52 82.1 66.4 99.6

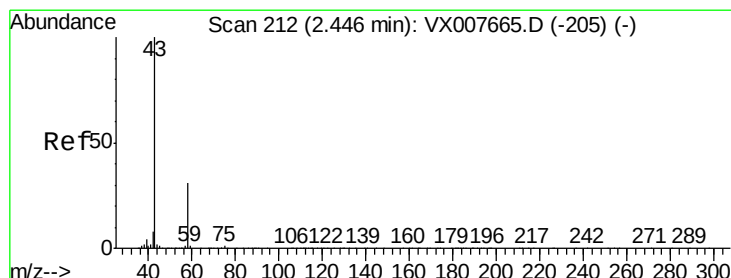
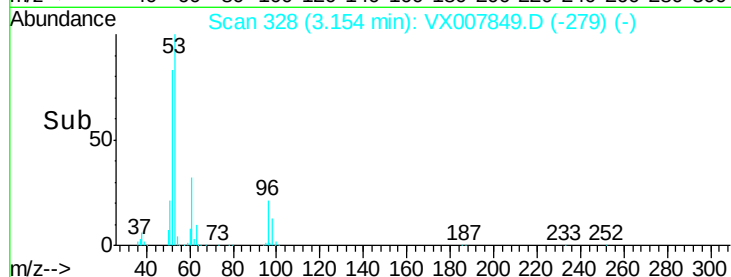
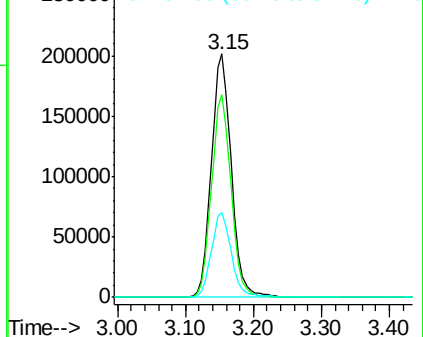
51 34.9 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 220.338 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX007849.D

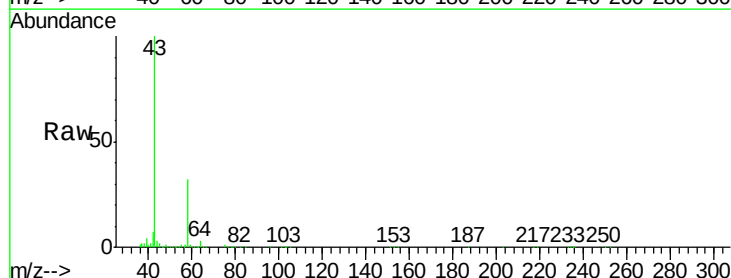
Acq: 05 Mar 2019 20:34

Tgt Ion: 43 Resp: 333251

Ion Ratio Lower Upper

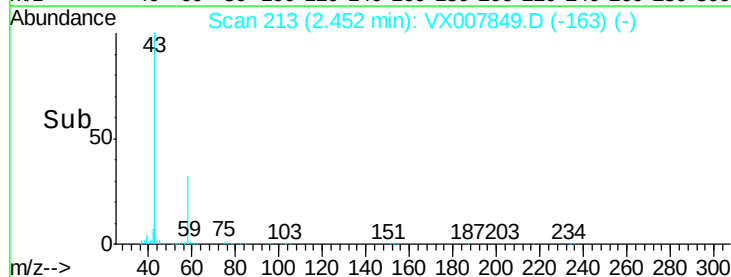
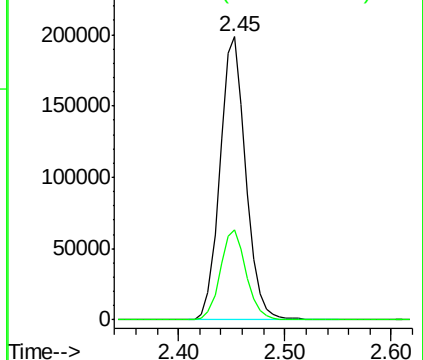
43 100

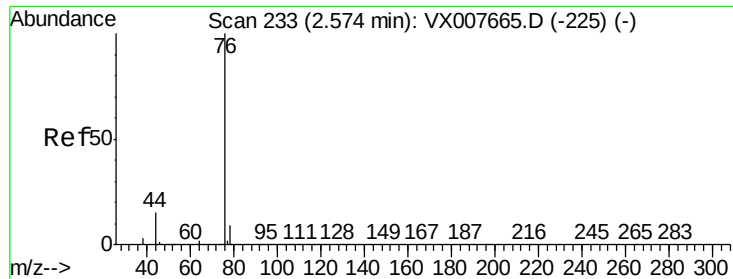
58 31.8 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 49.495 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.01 min

Lab File: VX007849.D

Acq: 05 Mar 2019 20:34

Instrument :

MSVOA_X

ClientSampleId :

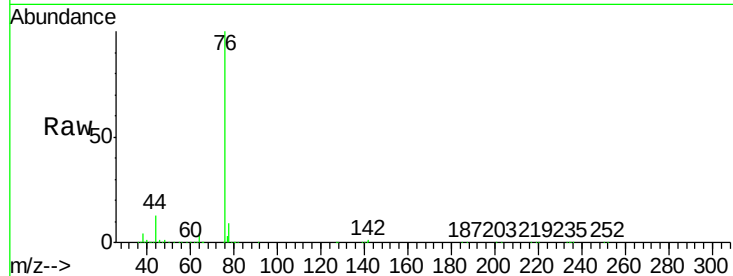
VSTDCCC050EC

Tot Ion: 76 Resp: 330714

Ion Ratio Lower Upper

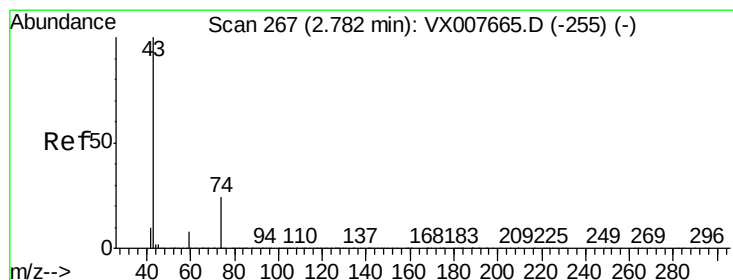
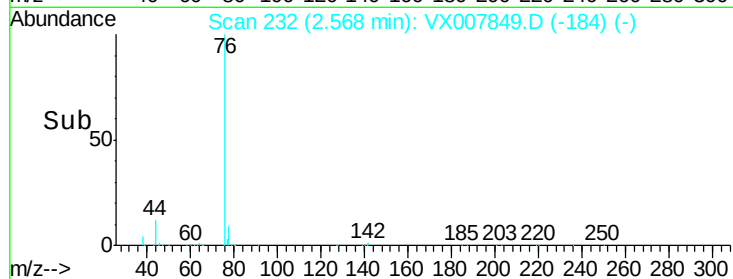
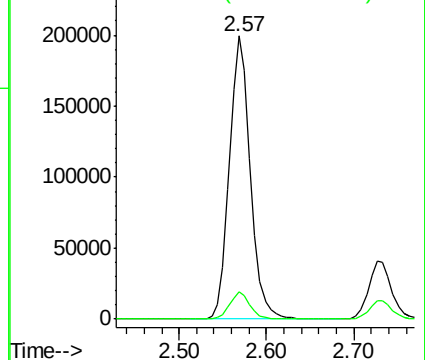
76 100

78 9.4 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 60.514 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX007849.D

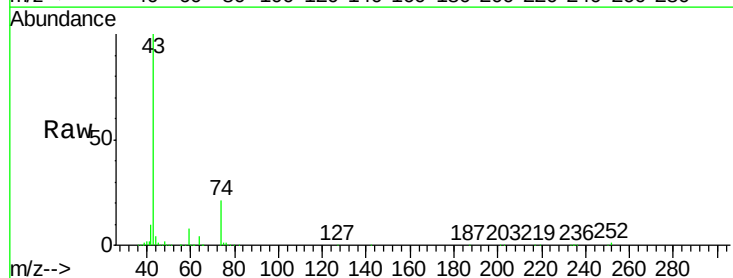
Acq: 05 Mar 2019 20:34

Tgt Ion: 43 Resp: 199715

Ion Ratio Lower Upper

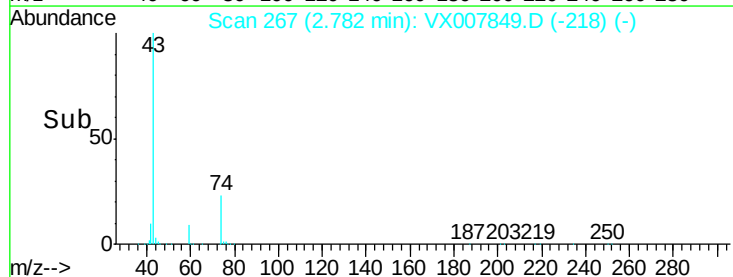
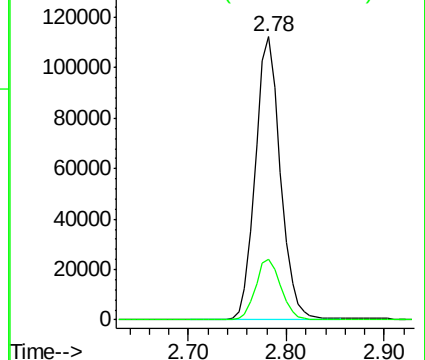
43 100

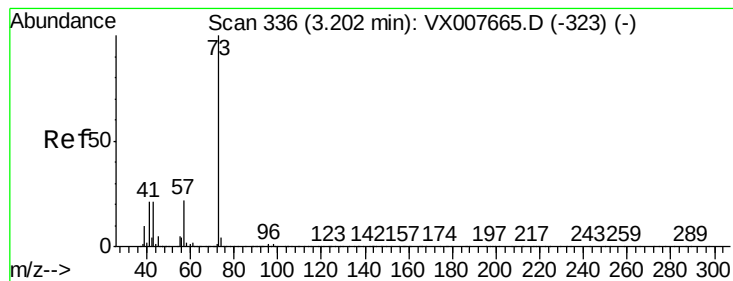
74 21.4 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



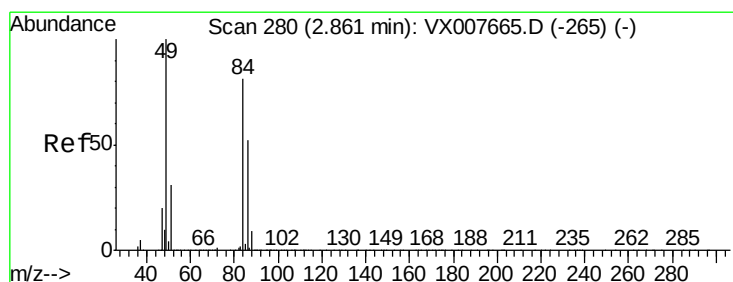
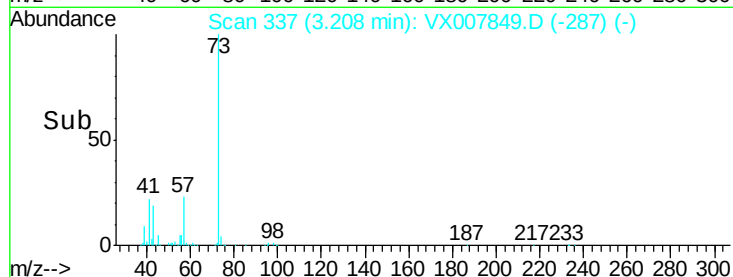
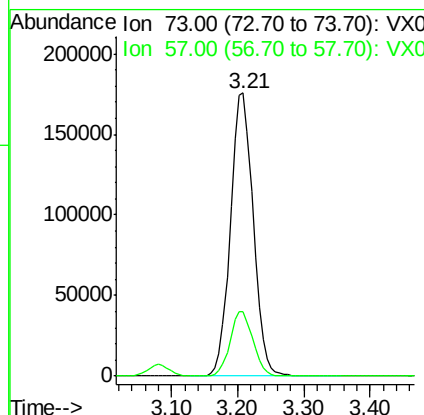
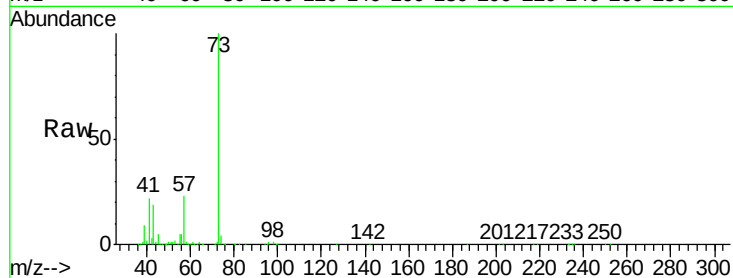


#19

Methyl tert-butyl Ether
 Concen: 50.127 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX007849.D
 Acq: 05 Mar 2019 20:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

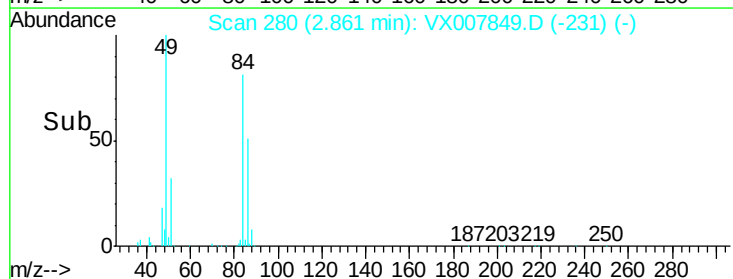
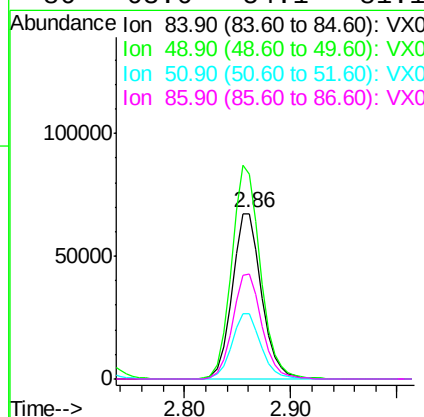
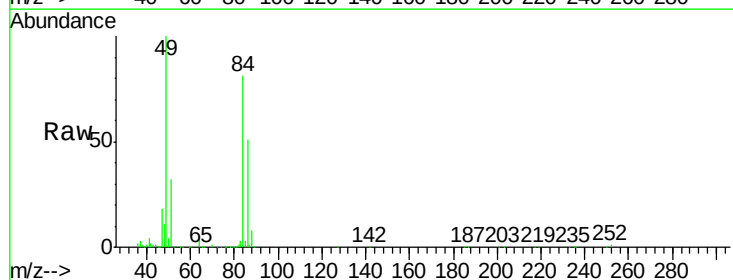
Tot Ion: 73 Resp: 419241
 Ion Ratio Lower Upper
 73 100
 57 22.9 17.8 26.8

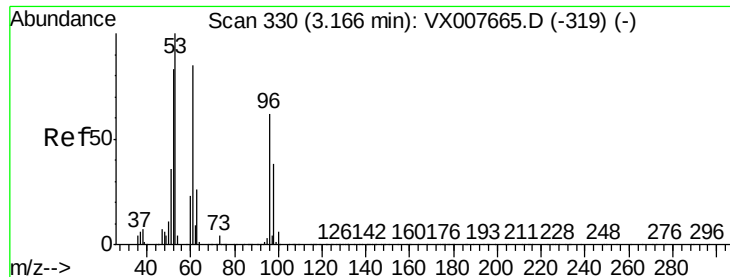


#20

Methylene Chloride
 Concen: 46.670 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. -0.00 min
 Lab File: VX007849.D
 Acq: 05 Mar 2019 20:34

Tgt Ion: 84 Resp: 130338
 Ion Ratio Lower Upper
 84 100
 49 123.6 94.8 142.2
 51 39.6 29.8 44.8
 86 63.6 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 46.645 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007849.D

Acq: 05 Mar 2019 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

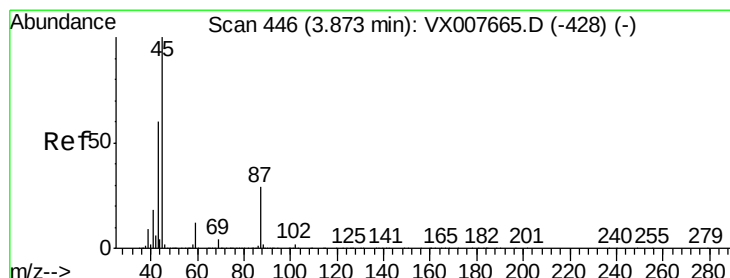
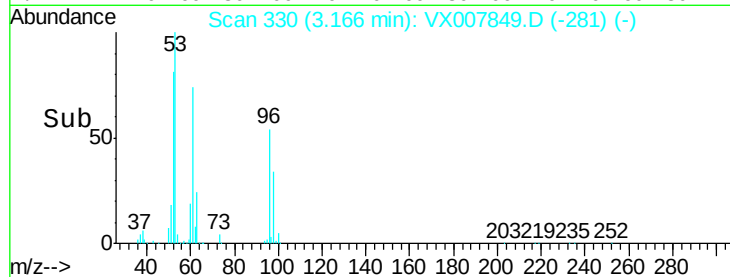
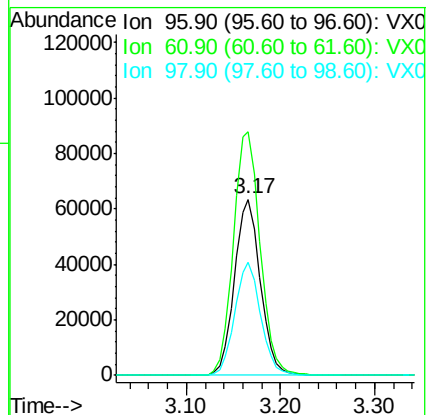
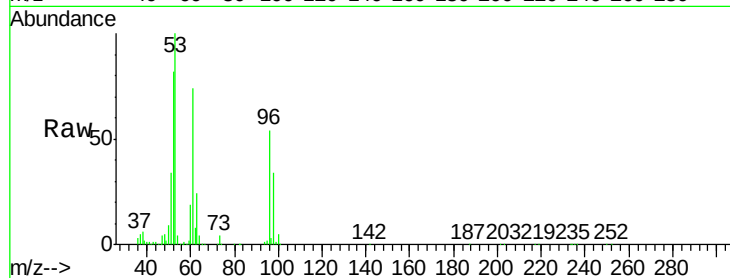
Tot Ion: 96 Resp: 121789

Ion Ratio Lower Upper

96 100

61 137.9 104.6 156.8

98 63.9 51.0 76.4



#22

Diisopropyl ether

Concen: 50.383 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX007849.D

Acq: 05 Mar 2019 20:34

Tgt Ion: 45 Resp: 465769

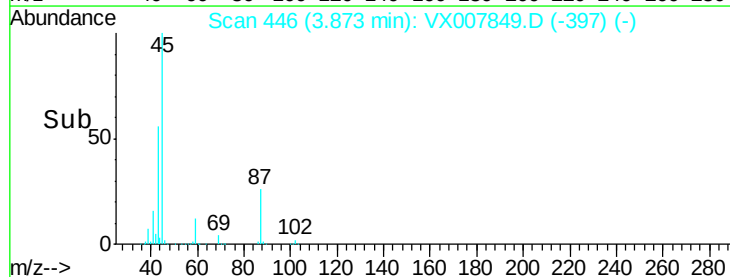
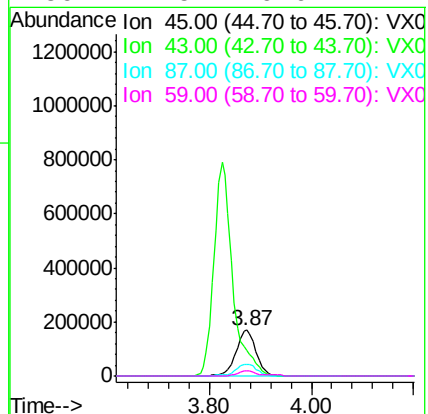
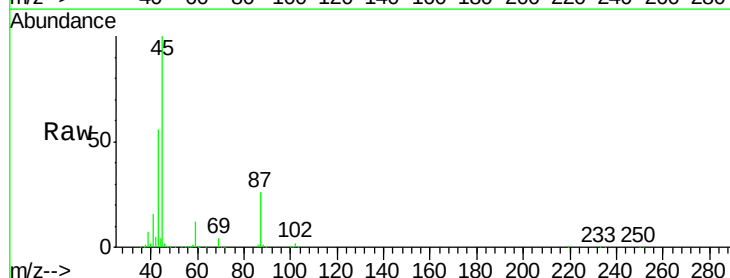
Ion Ratio Lower Upper

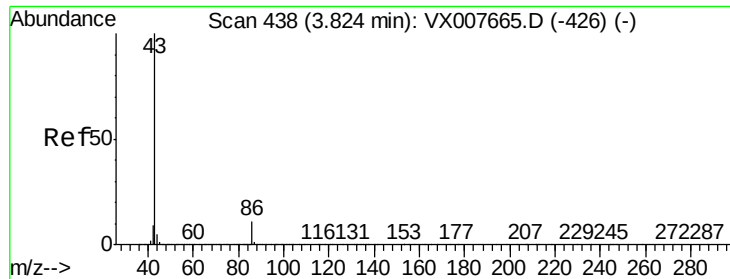
45 100

43 56.0 48.9 73.3

87 26.5 23.9 35.9

59 11.5 9.6 14.4





#23

Vinyl Acetate

Concen: 249.771 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007849.D

Acq: 05 Mar 2019 20:34

Instrument :

MSVOA_X

ClientSampleId :

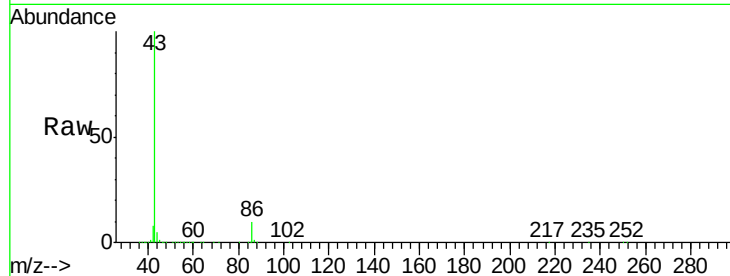
VSTDCCC050EC

Tot Ion: 43 Resp: 2025838

Ion Ratio Lower Upper

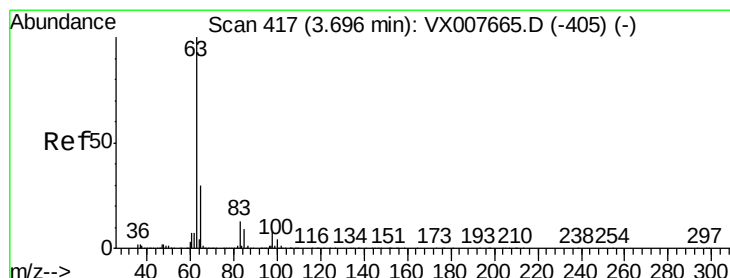
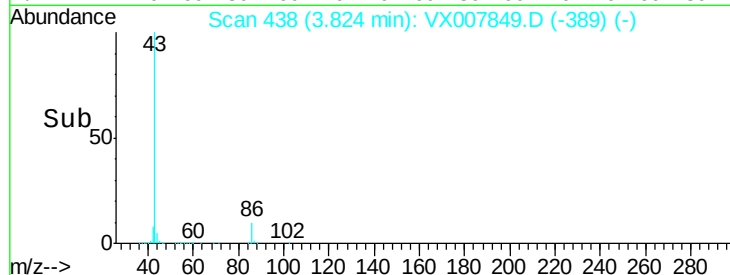
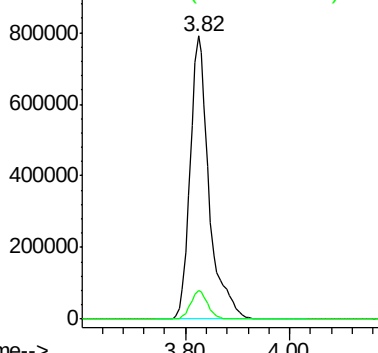
43 100

86 10.0 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.617 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007849.D

Acq: 05 Mar 2019 20:34

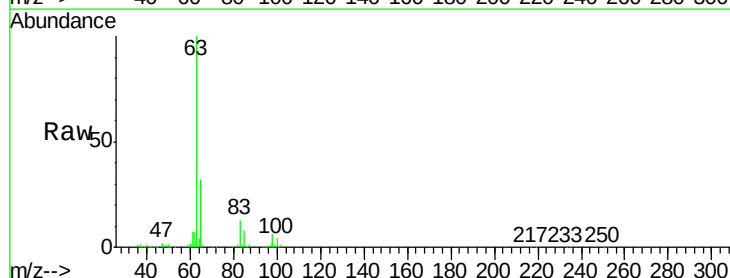
Tgt Ion: 63 Resp: 249289

Ion Ratio Lower Upper

63 100

98 6.5 3.6 10.8

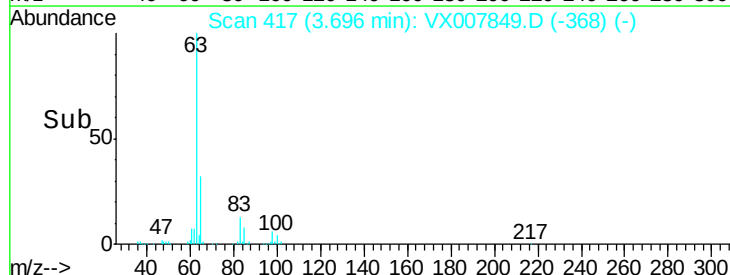
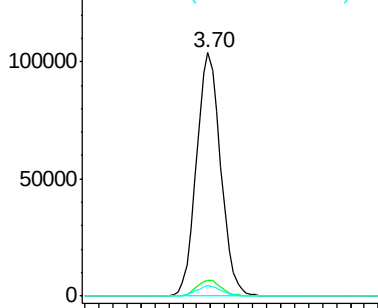
100 4.2 2.5 7.4

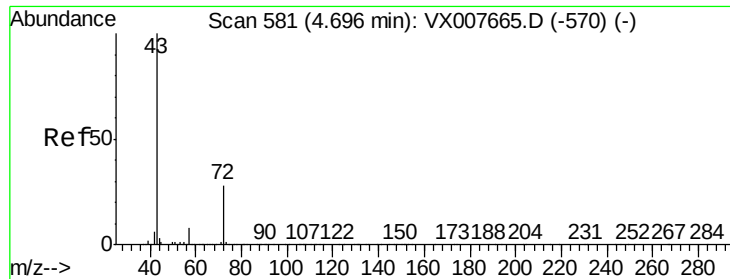


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

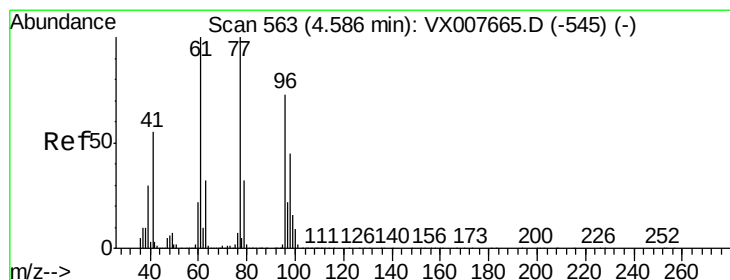
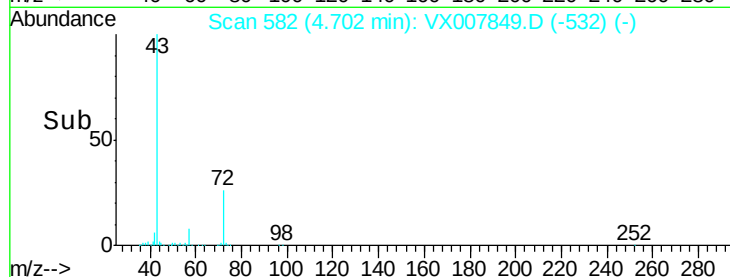
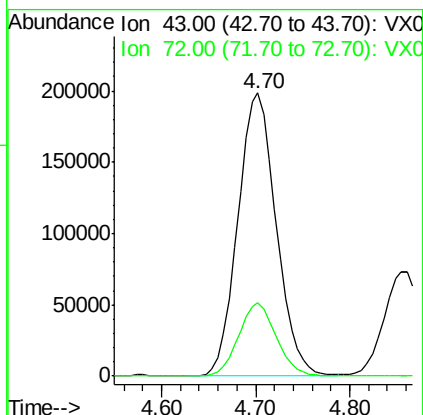
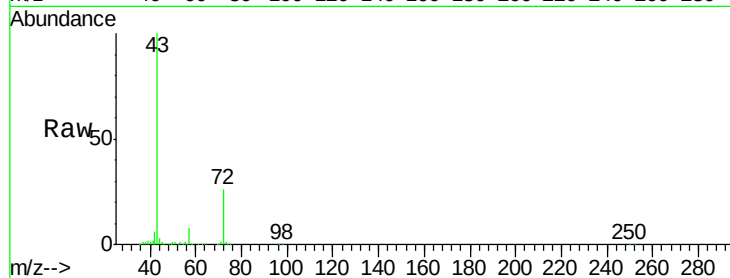




#25
2-Butanone
Concen: 244.864 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.01 min
Lab File: VX007849.D
Acq: 05 Mar 2019 20:34

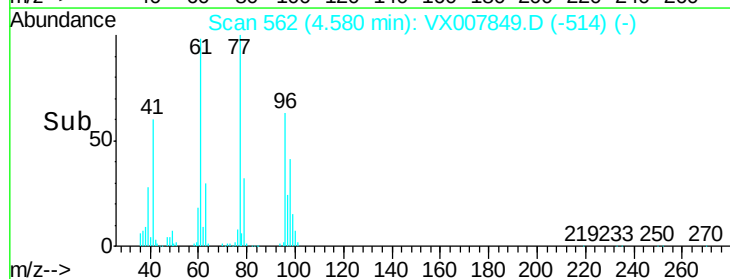
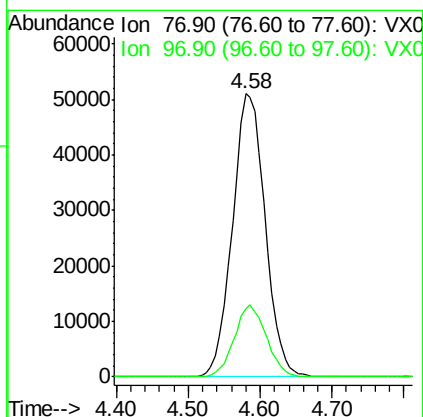
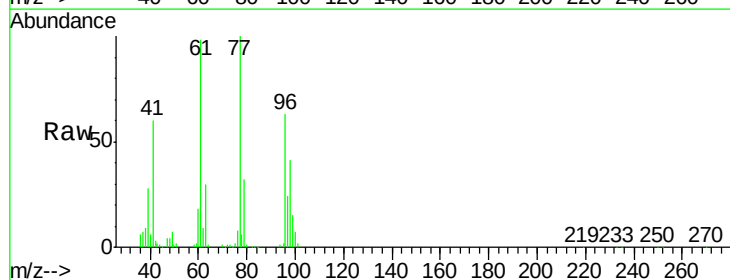
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

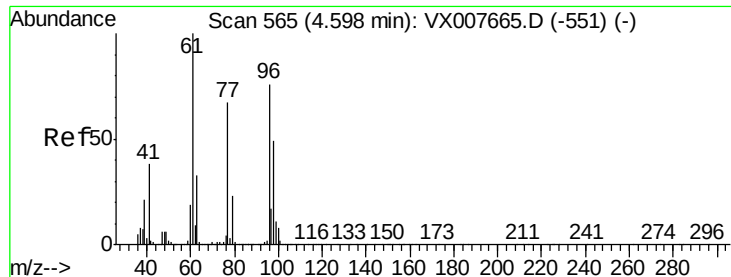
Tot Ion: 43 Resp: 564133
Ion Ratio Lower Upper
43 100
72 25.8 22.2 33.2



#26
2,2-Dichloropropane
Concen: 40.057 ug/l
RT: 4.58 min Scan# 562
Delta R.T. -0.01 min
Lab File: VX007849.D
Acq: 05 Mar 2019 20:34

Tgt Ion: 77 Resp: 160651
Ion Ratio Lower Upper
77 100
97 24.9 12.1 36.3



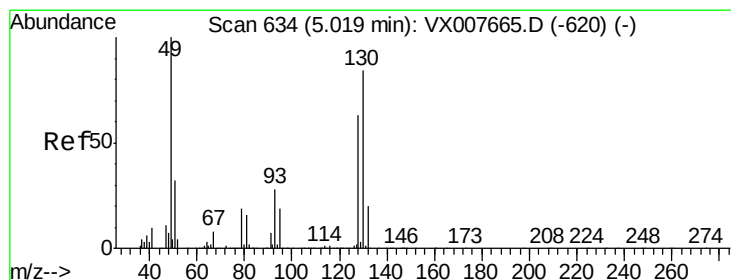
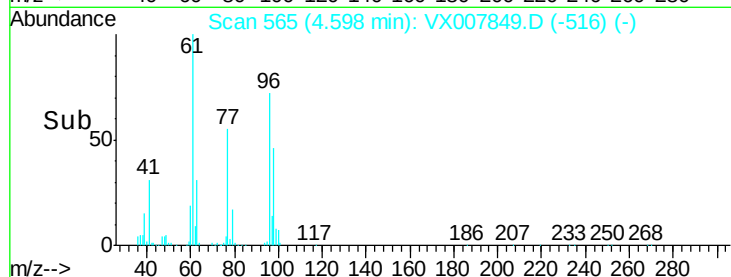
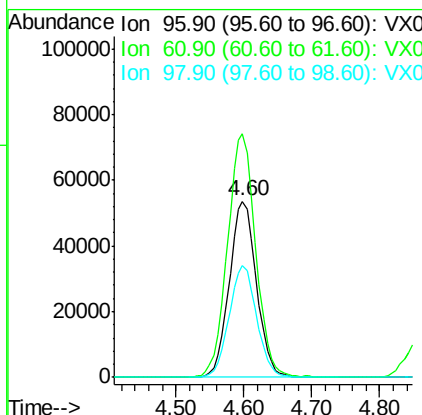
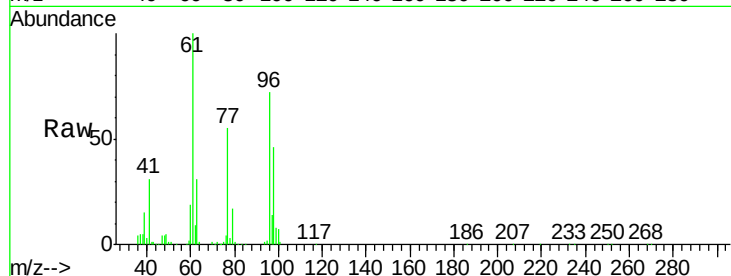


#27

cis-1,2-Dichloroethene
Concen: 44.529 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007849.D
Acq: 05 Mar 2019 20:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

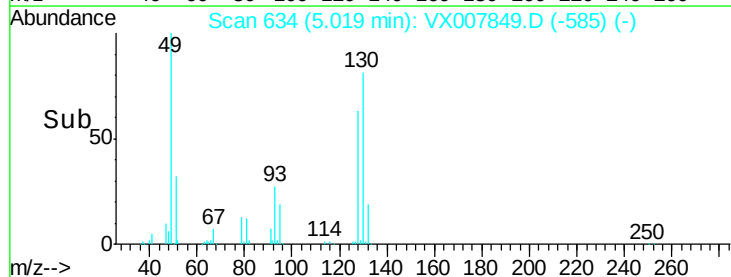
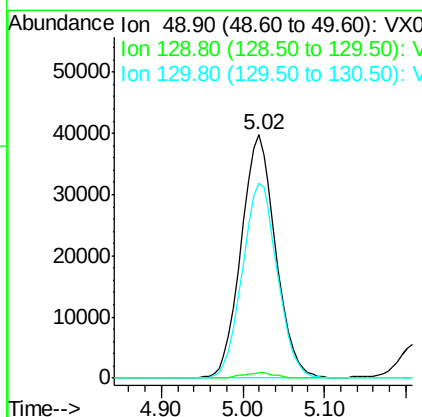
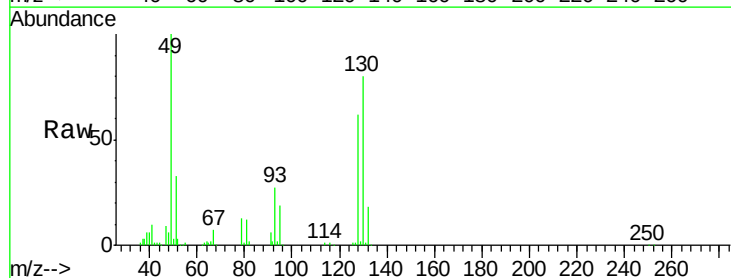
Tot Ion	Ratio	Lower	Upper
96	100		
61	143.7	0.0	265.6
98	64.4	0.0	131.6

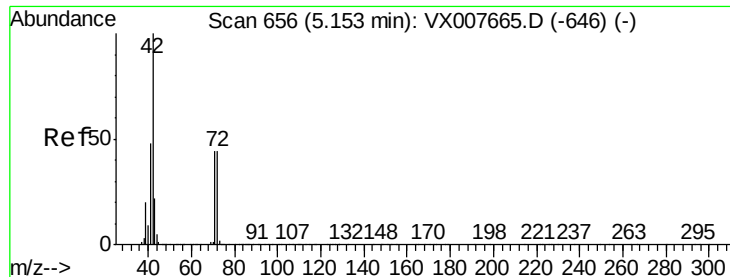


#28

Bromochloromethane
Concen: 47.764 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007849.D
Acq: 05 Mar 2019 20:34

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	5.6
130	81.4	75.6	113.4





#29

Tetrahydrofuran

Concen: 250.437 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX007849.D

Acq: 05 Mar 2019 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

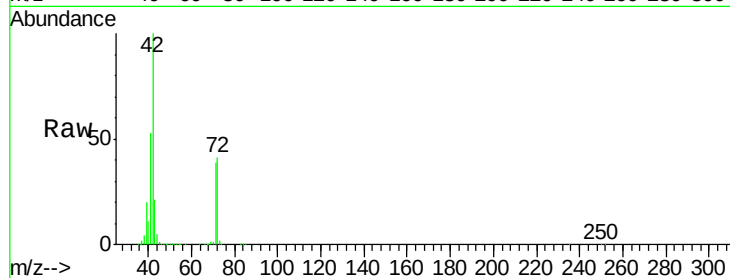
Tot Ion: 42 Resp: 380325

Ion Ratio Lower Upper

42 100

72 42.1 37.6 56.4

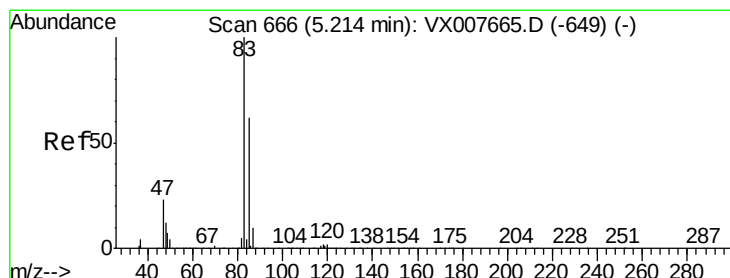
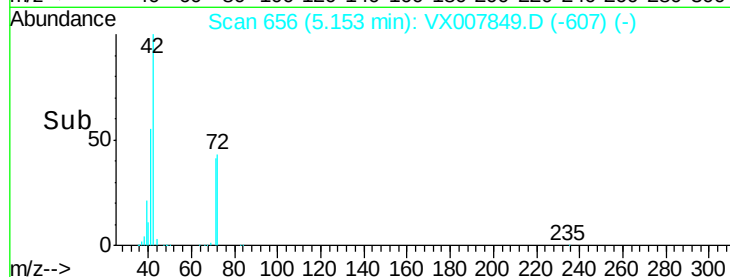
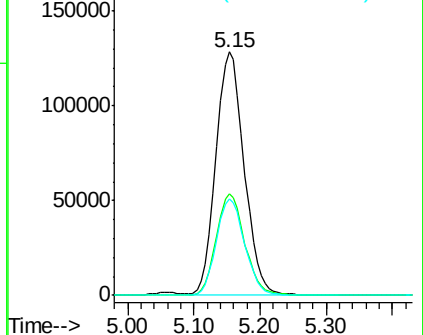
71 39.6 34.6 51.8



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: 44.135 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX007849.D

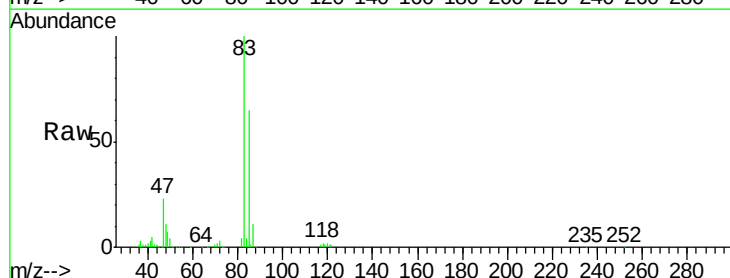
Acq: 05 Mar 2019 20:34

Tgt Ion: 83 Resp: 237524

Ion Ratio Lower Upper

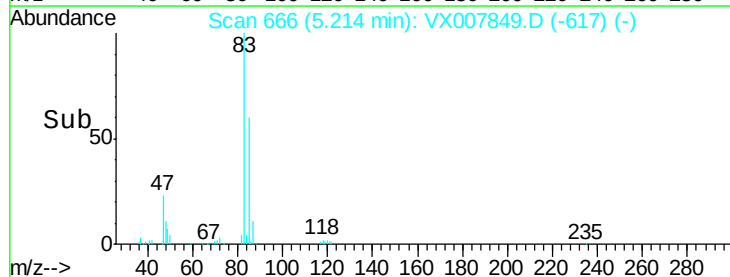
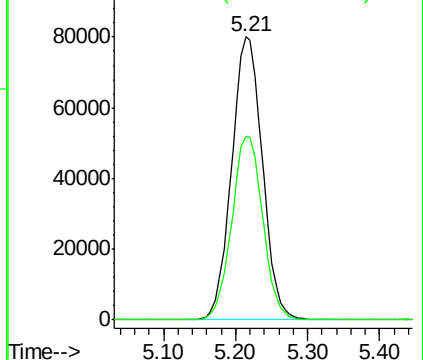
83 100

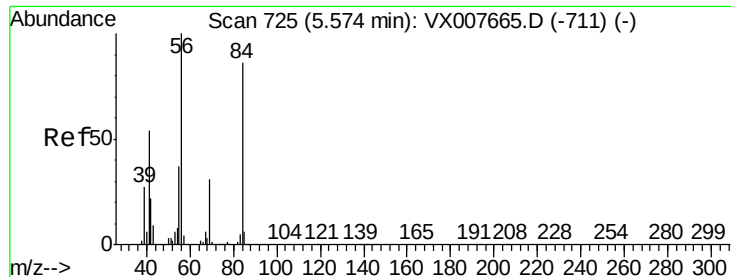
85 64.9 51.6 77.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

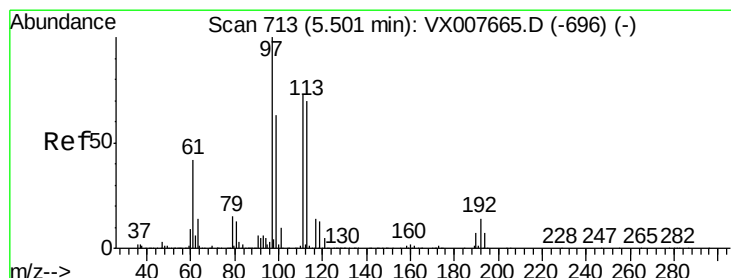
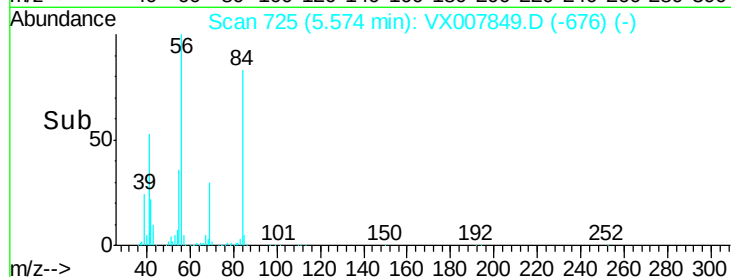
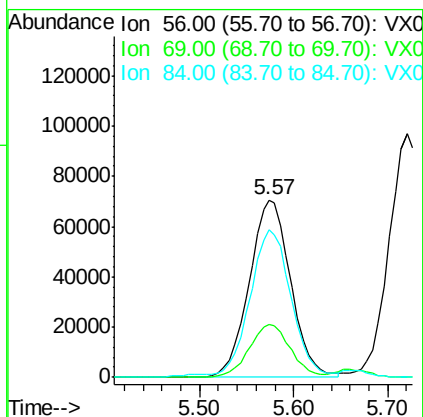
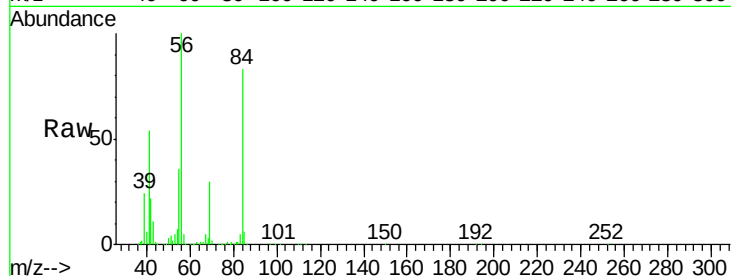




#31
Cyclohexane
Concen: 45.837 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX007849.D
Acq: 05 Mar 2019 20:34

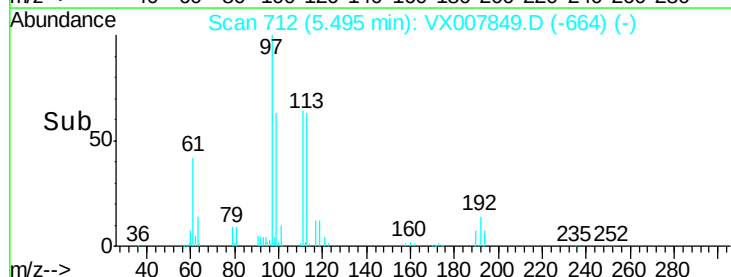
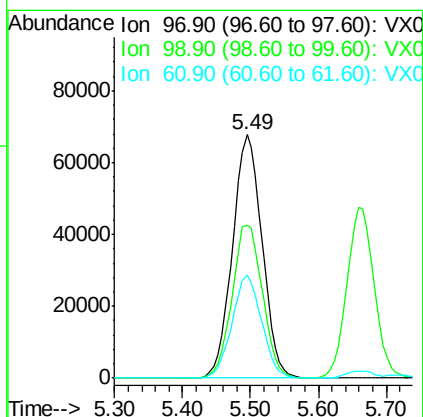
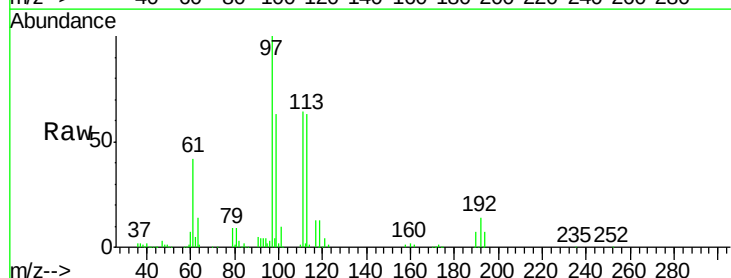
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

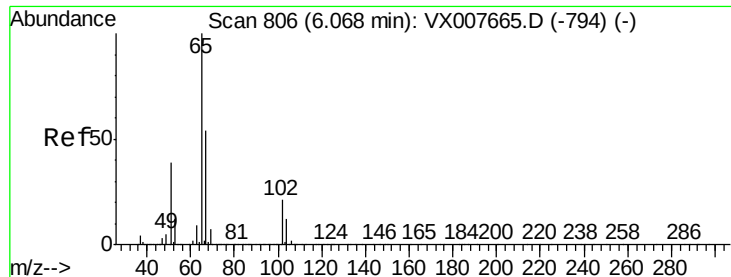
Tot Ion: 56 Resp: 216624
Ion Ratio Lower Upper
56 100
69 30.1 23.0 34.6
84 81.9 69.8 104.6



#32
1,1,1-Trichloroethane
Concen: 45.969 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007849.D
Acq: 05 Mar 2019 20:34

Tgt Ion: 97 Resp: 204602
Ion Ratio Lower Upper
97 100
99 64.5 52.2 78.2
61 42.3 32.7 49.1

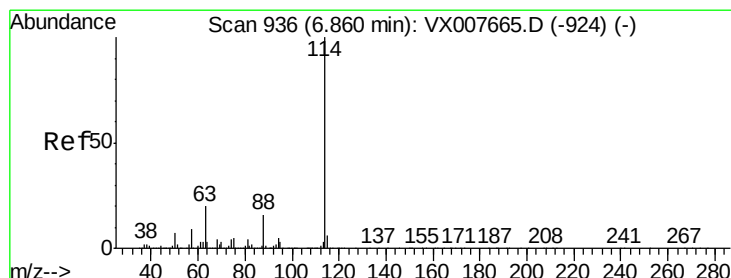
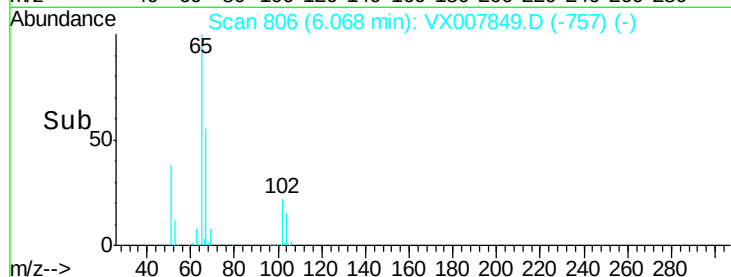
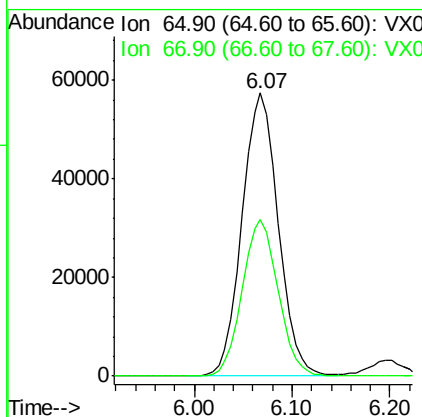
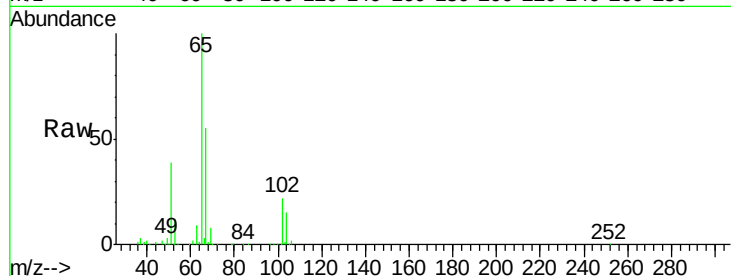




#33
 1,2-Dichloroethane-d4
 Concen: 43.484 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007849.D
 Acq: 05 Mar 2019 20:34

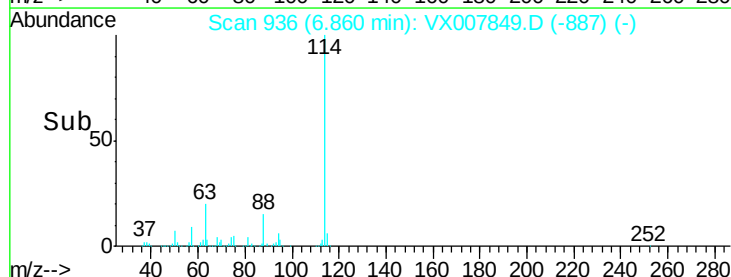
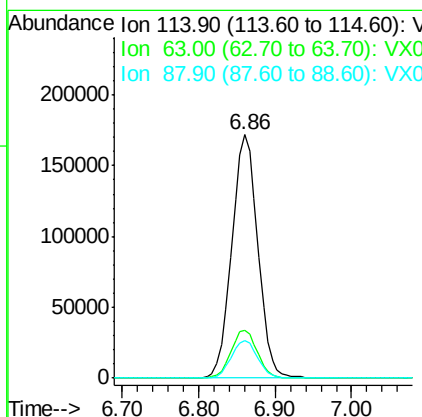
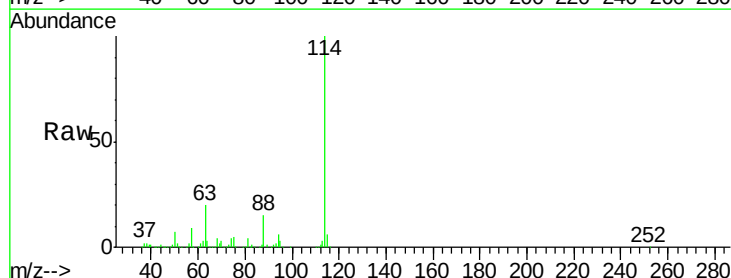
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

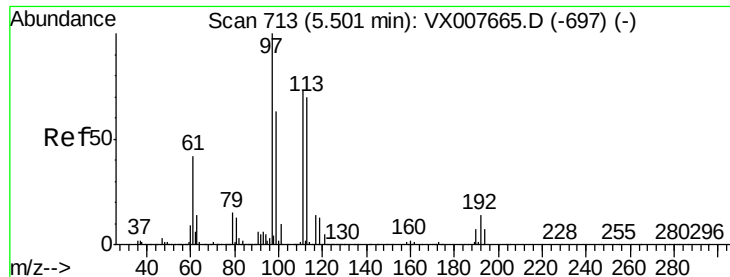
Tot Ion: 65 Resp: 147891
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007849.D
 Acq: 05 Mar 2019 20:34

Tgt Ion: 114 Resp: 403249
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 35.6
 88 15.5 0.0 29.6





#35

Dibromofluoromethane

Concen: 49.230 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007849.D

Acq: 05 Mar 2019 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

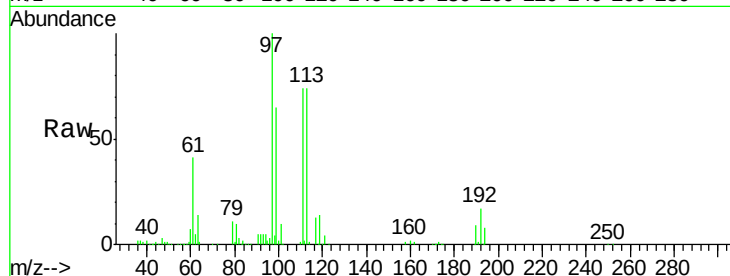
Tot Ion:113 Resp: 132704

Ion Ratio Lower Upper

113 100

111 102.2 81.8 122.8

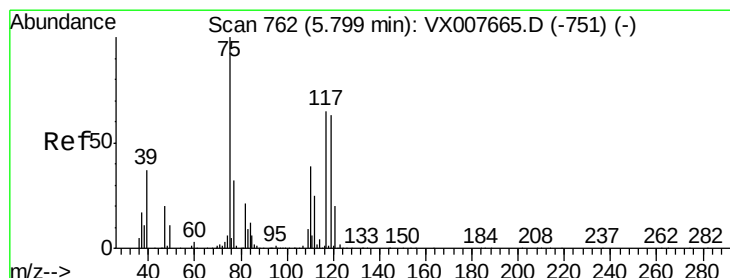
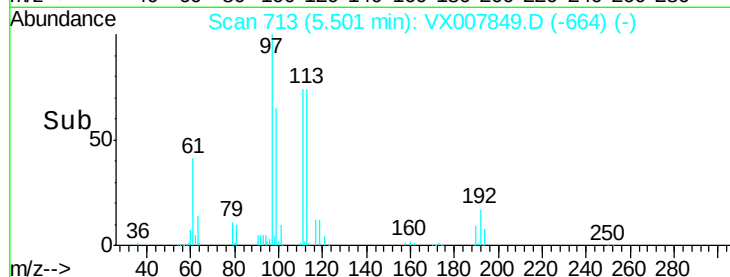
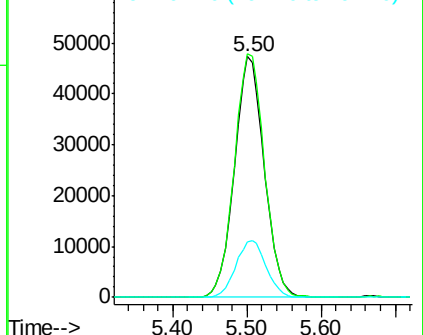
192 24.1 18.5 27.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.335 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX007849.D

Acq: 05 Mar 2019 20:34

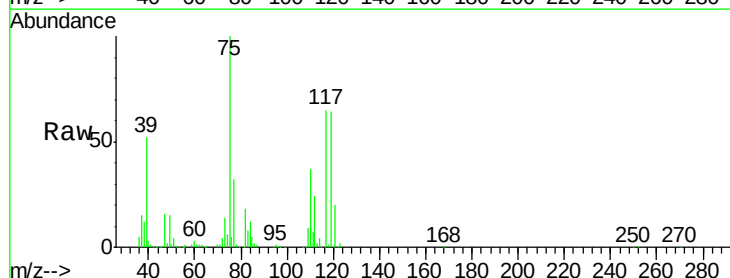
Tgt Ion: 75 Resp: 175233

Ion Ratio Lower Upper

75 100

110 36.9 20.0 59.9

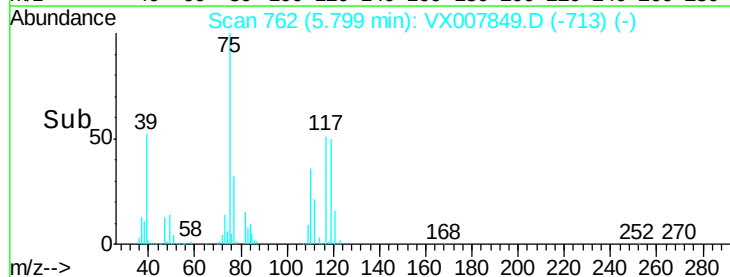
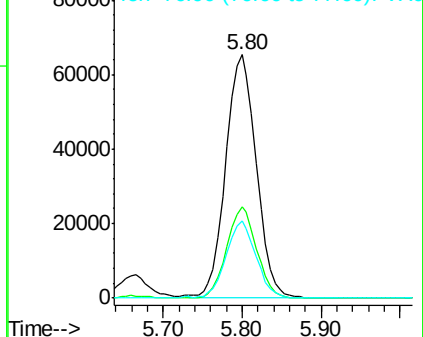
77 31.2 24.7 37.1

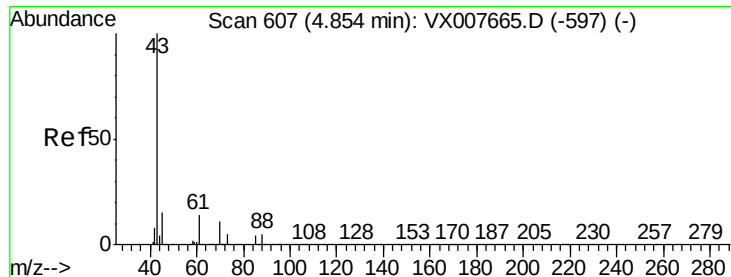


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 52.974 ug/l

RT: 4.85 min Scan# 607

Delta R.T. 0.00 min

Lab File: VX007849.D

Acq: 05 Mar 2019 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

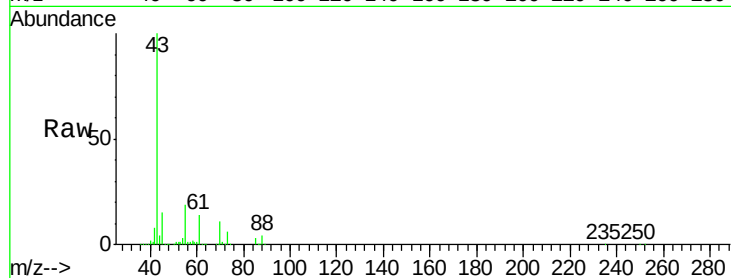
Tot Ion: 43 Resp: 213335

Ion Ratio Lower Upper

43 100

61 14.3 11.3 16.9

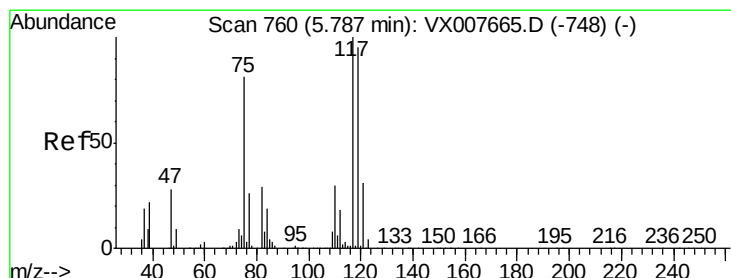
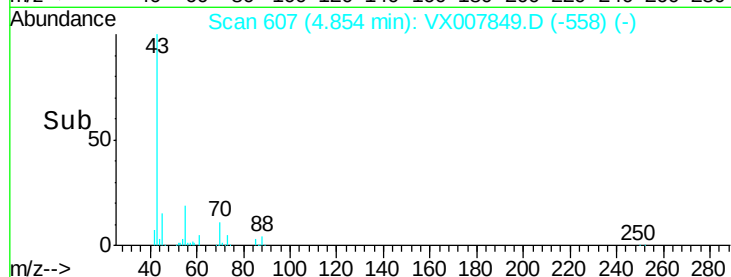
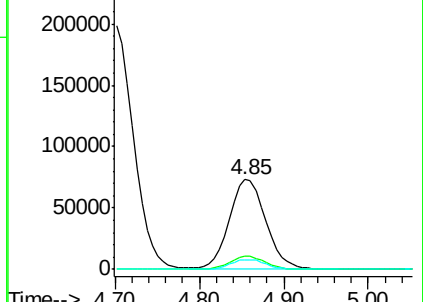
70 10.7 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX007665.D (-597) (-)

Ion 60.90 (60.60 to 61.60): VX007665.D (-597) (-)

Ion 70.00 (69.70 to 70.70): VX007665.D (-597) (-)



#38

Carbon Tetrachloride

Concen: 50.734 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX007849.D

Acq: 05 Mar 2019 20:34

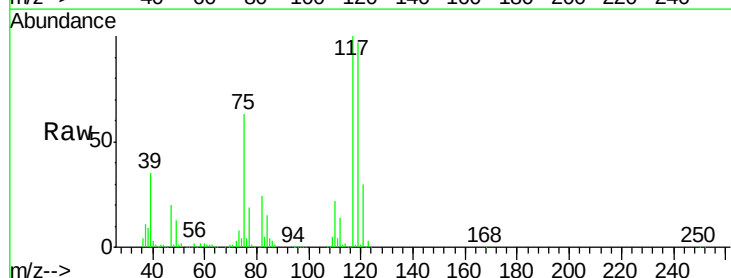
Tgt Ion: 117 Resp: 184760

Ion Ratio Lower Upper

117 100

119 96.8 75.3 112.9

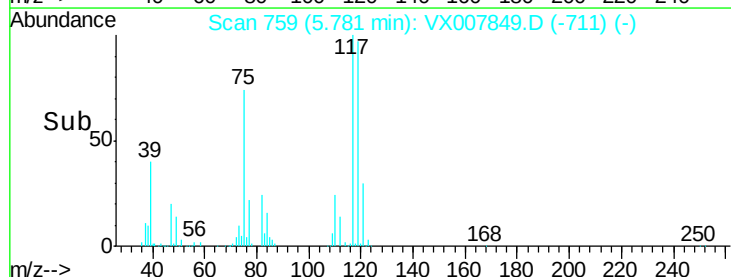
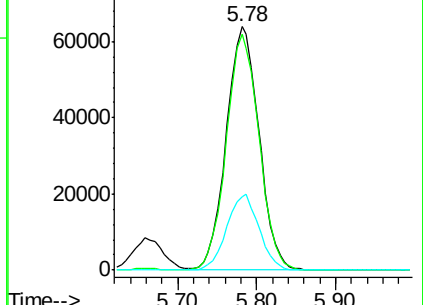
121 30.3 25.0 37.4

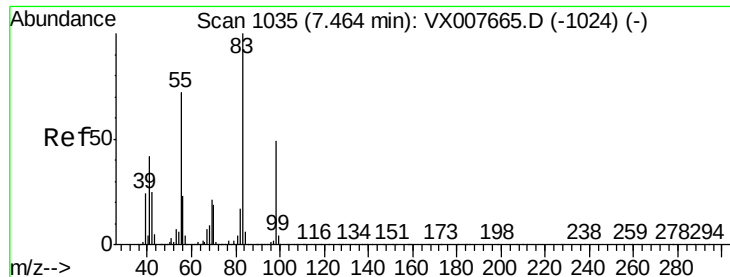


Abundance Ion 116.80 (116.50 to 117.50): VX007665.D (-748) (-)

Ion 118.80 (118.50 to 119.50): VX007665.D (-748) (-)

Ion 120.80 (120.50 to 121.50): VX007665.D (-748) (-)

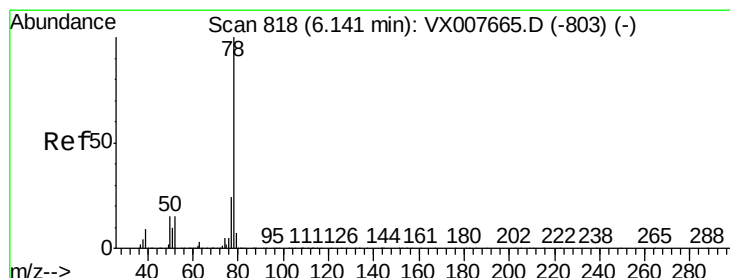
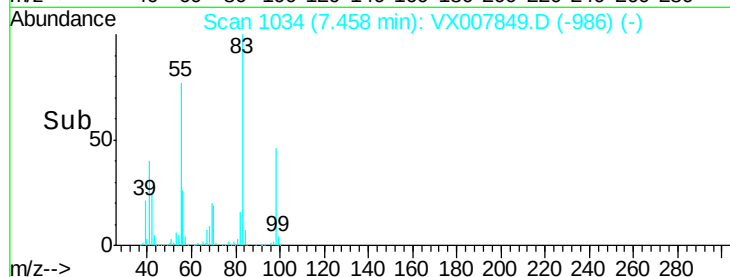
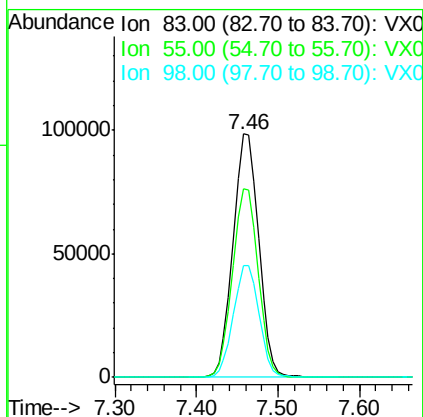
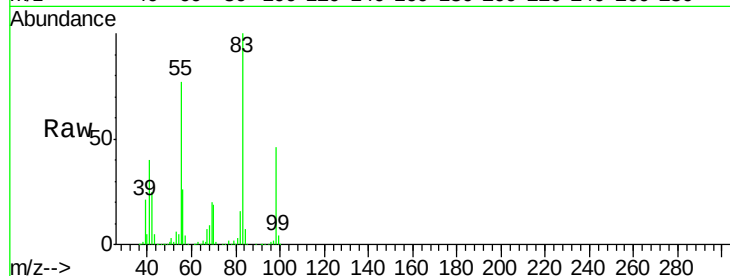




#39
Methylvlcyclohexane
Concen: 46.689 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007849.D
Acq: 05 Mar 2019 20:34

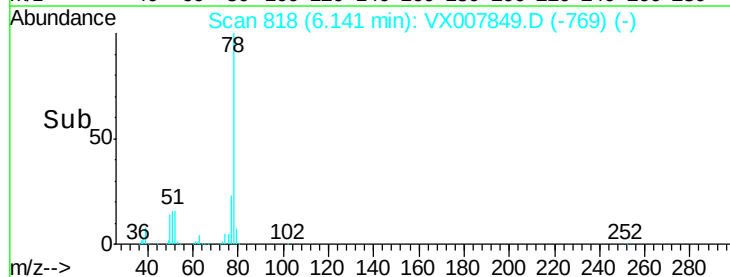
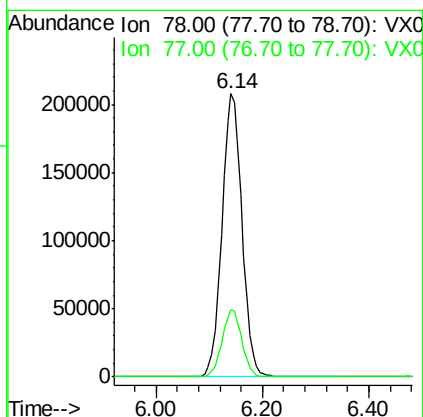
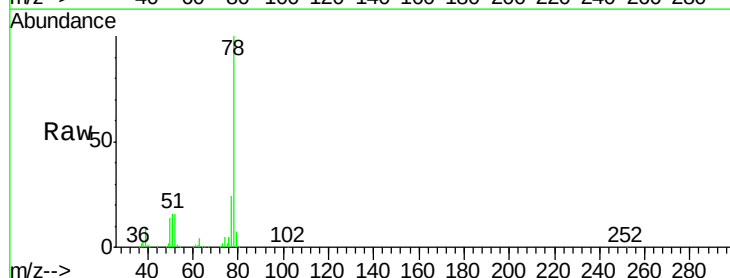
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

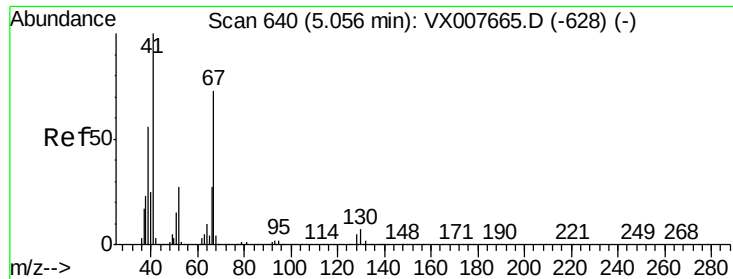
Tot Ion	83	Resp	213925
Ion Ratio	Lower	Upper	
83	100		
55	77.2	56.2	84.2
98	45.8	36.8	55.2



#40
Benzene
Concen: 48.763 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007849.D
Acq: 05 Mar 2019 20:34

Tgt Ion	78	Resp	545721
Ion Ratio	Lower	Upper	
78	100		
77	23.8	19.3	28.9





#41

Methacrylonitrile

Concen: 56.395 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.01 min

Lab File: VX007849.D

Acq: 05 Mar 2019 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 121275

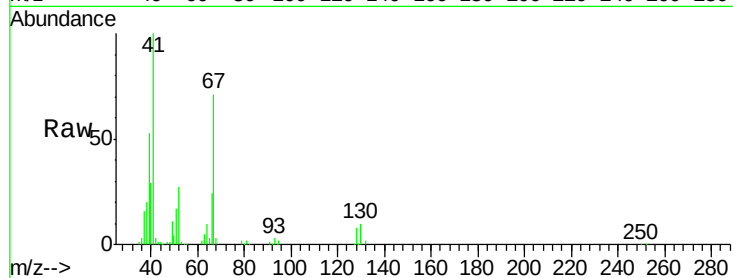
Ion Ratio Lower Upper

41 100

39 52.7 44.5 66.7

67 69.5 60.4 90.6

52 27.0 24.1 36.1

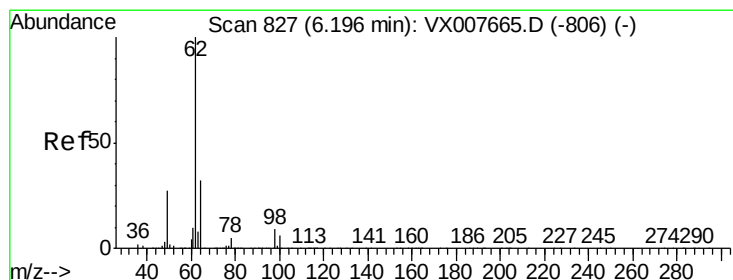
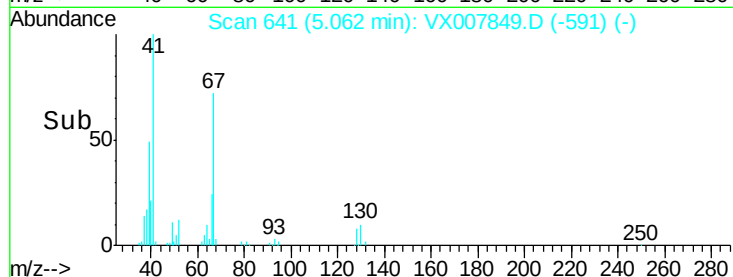
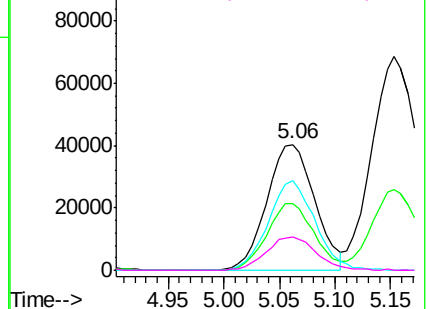


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 47.956 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX007849.D

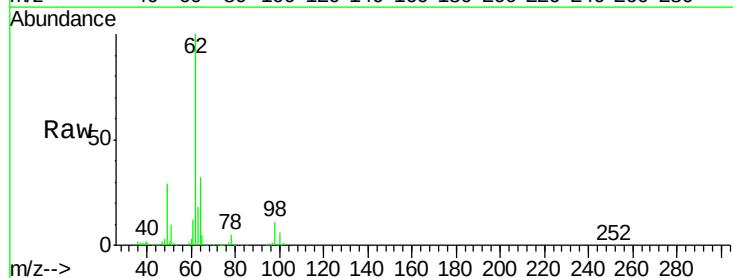
Acq: 05 Mar 2019 20:34

Tgt Ion: 62 Resp: 180384

Ion Ratio Lower Upper

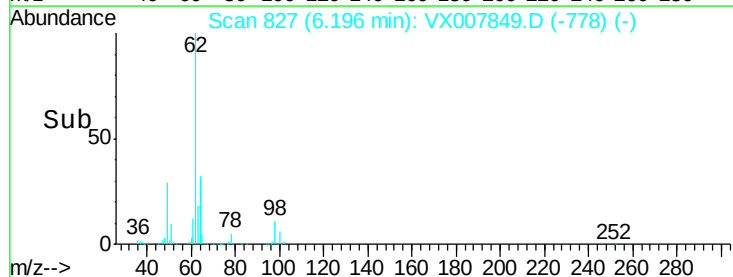
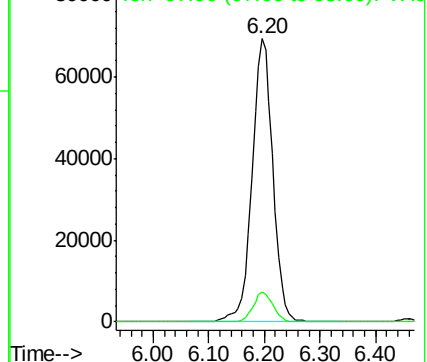
62 100

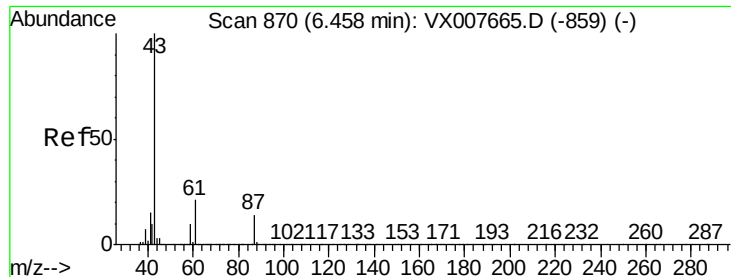
98 10.1 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 54.763 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX007849.D

Acq: 05 Mar 2019 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

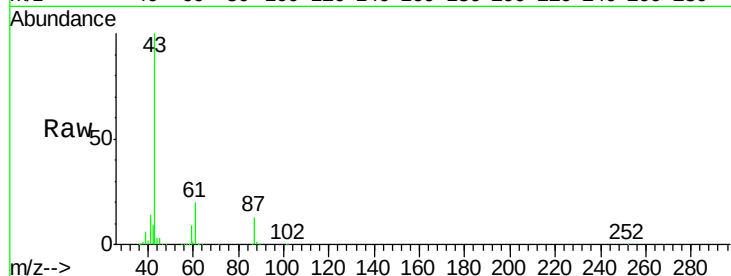
Tot Ion: 43 Resp: 339424

Ion Ratio Lower Upper

43 100

61 20.4 16.1 24.1

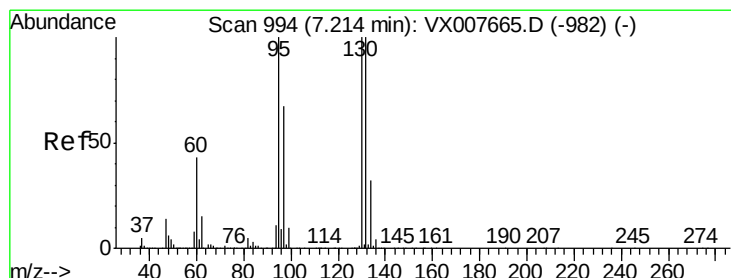
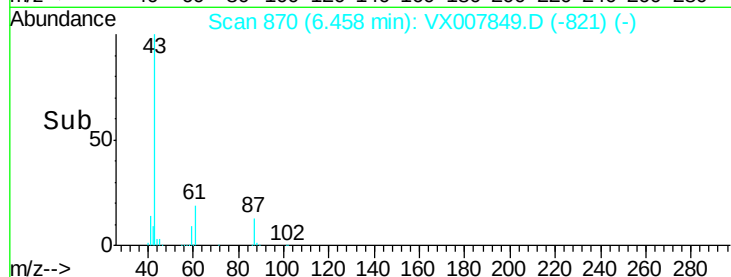
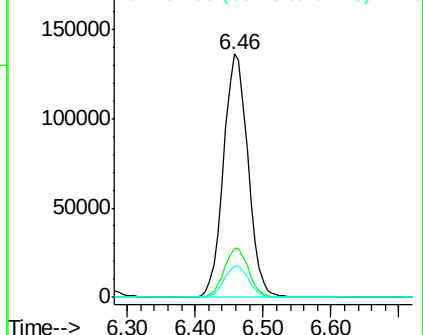
87 13.1 11.5 17.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 47.381 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX007849.D

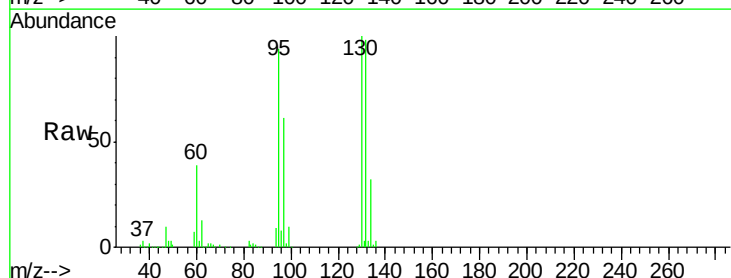
Acq: 05 Mar 2019 20:34

Tgt Ion:130 Resp: 145867

Ion Ratio Lower Upper

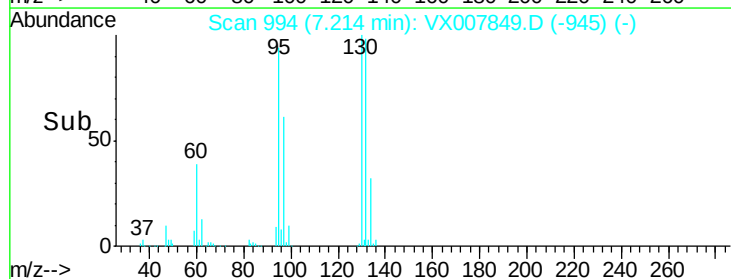
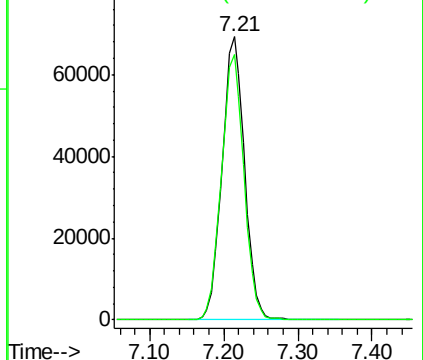
130 100

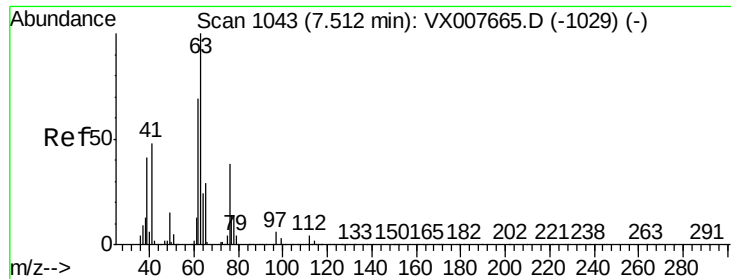
95 93.8 0.0 180.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 51.270 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX007849.D

Acq: 05 Mar 2019 20:34

Instrument :

MSVOA_X

ClientSampleId :

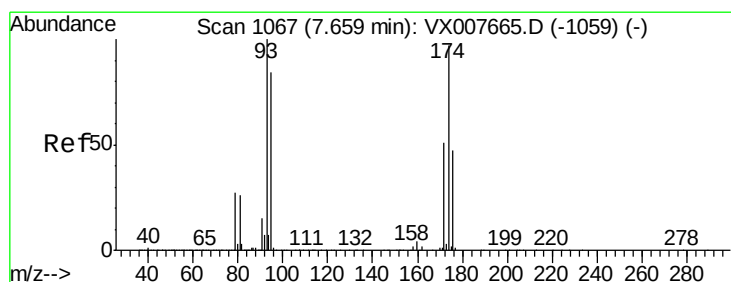
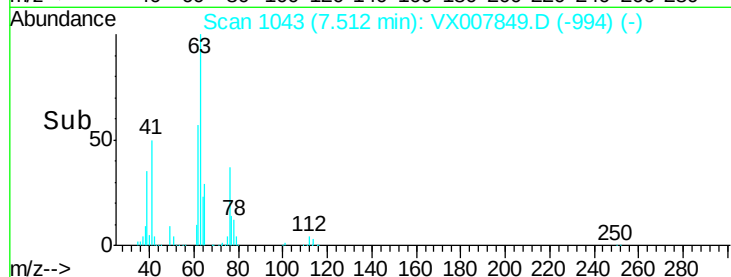
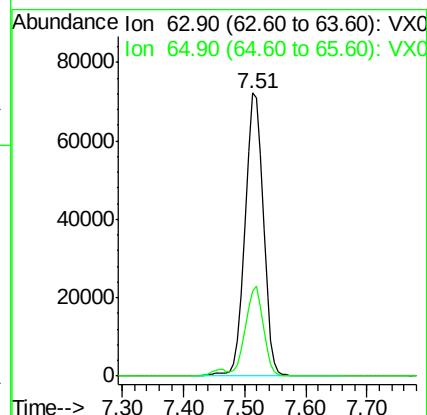
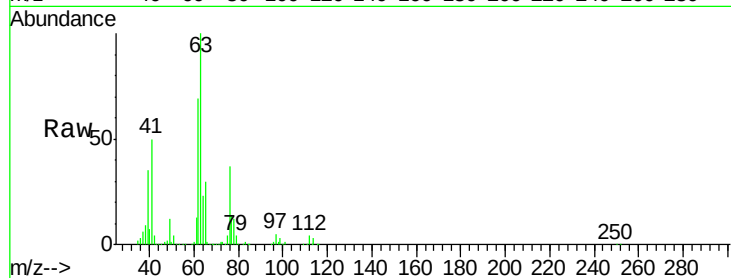
VSTDCCC050EC

Tot Ion: 63 Resp: 148629

Ion Ratio Lower Upper

63 100

65 30.2 24.2 36.2



#46

Dibromomethane

Concen: 45.693 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX007849.D

Acq: 05 Mar 2019 20:34

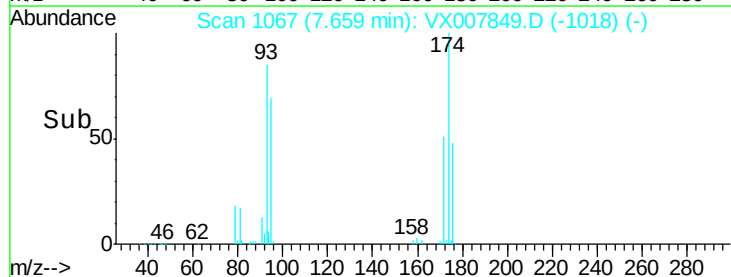
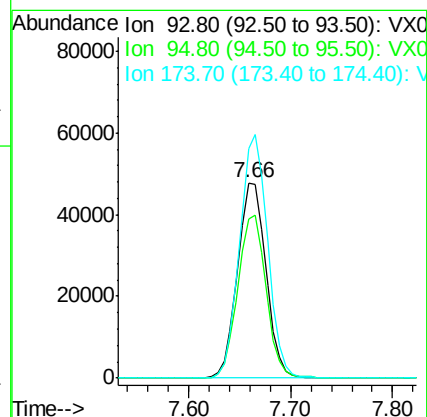
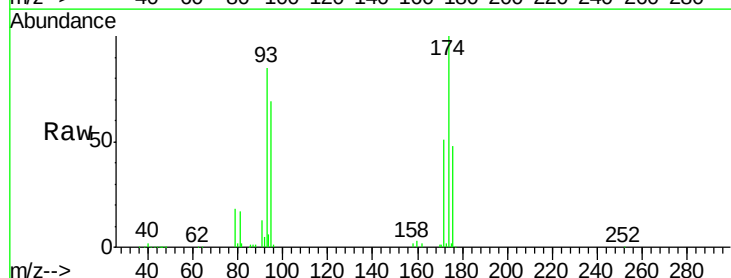
Tgt Ion: 93 Resp: 92411

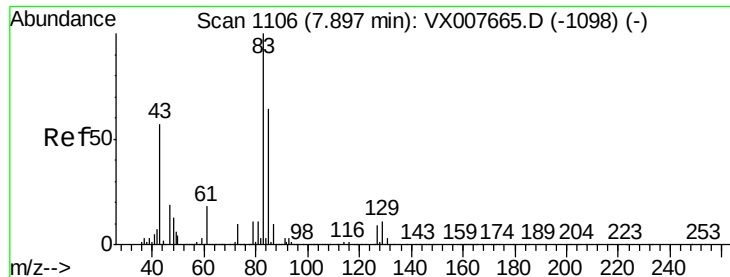
Ion Ratio Lower Upper

93 100

95 83.1 67.6 101.4

174 122.8 94.2 141.4





#47

Bromodichloromethane

Concen: 53.850 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007849.D

Acq: 05 Mar 2019 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

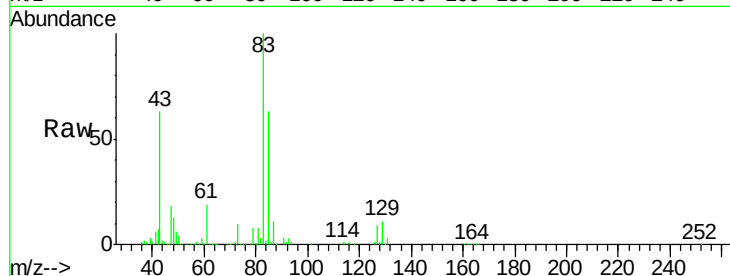
Tot Ion: 83 Resp: 188734

Ion Ratio Lower Upper

83 100

85 63.4 51.4 77.0

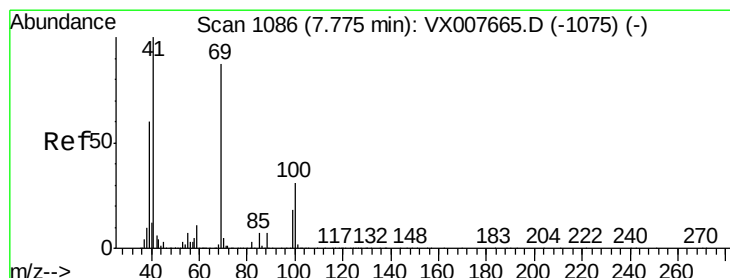
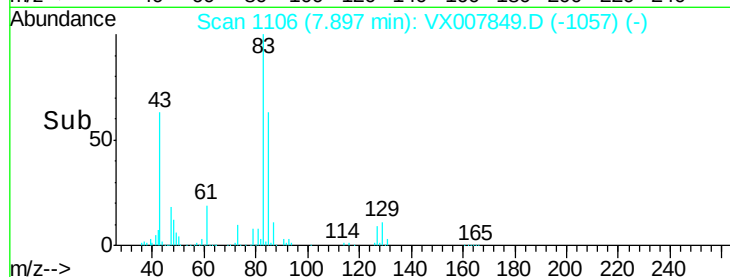
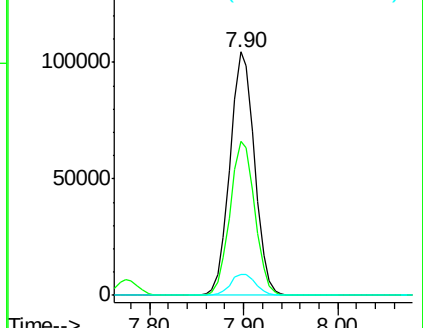
127 8.6 8.1 12.1



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: 53.249 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007849.D

Acq: 05 Mar 2019 20:34

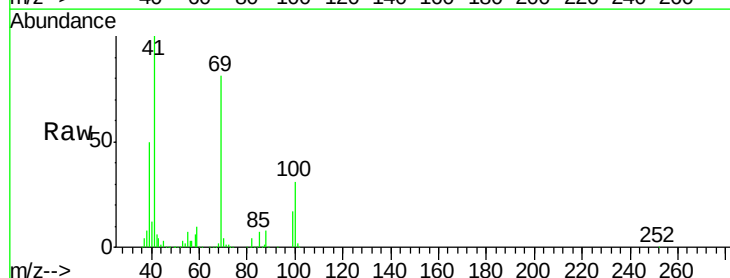
Tgt Ion: 41 Resp: 173001

Ion Ratio Lower Upper

41 100

69 82.1 70.2 105.4

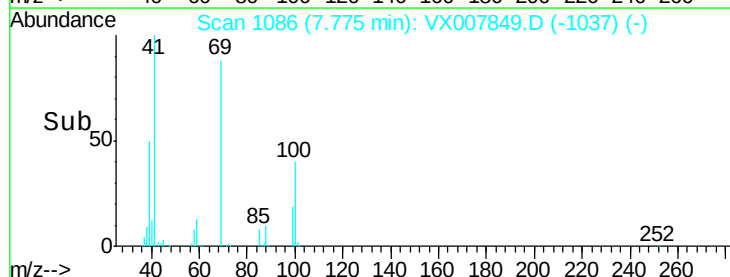
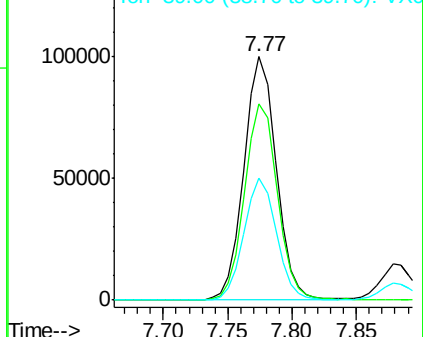
39 50.3 47.4 71.0

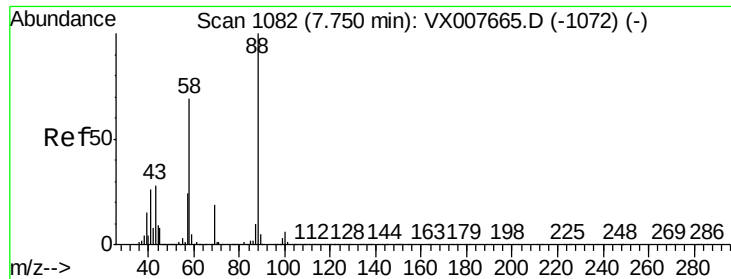


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 979.935 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX007849.D

Acq: 05 Mar 2019 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

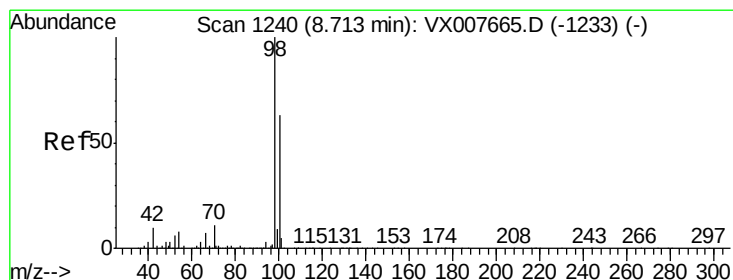
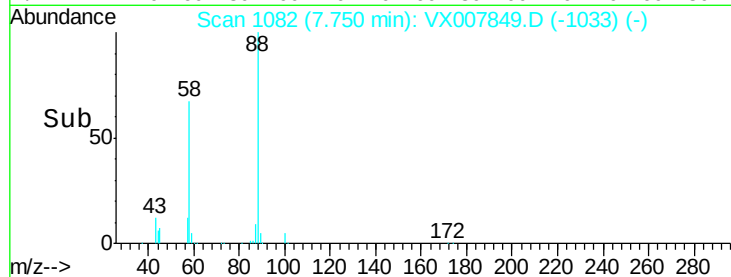
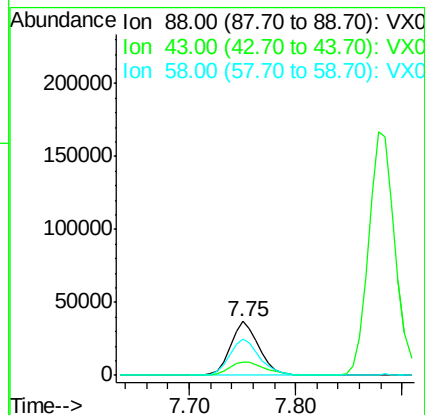
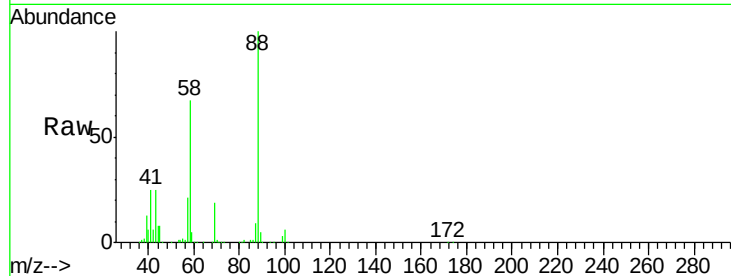
Tot Ion: 88 Resp: 68763

Ion Ratio Lower Upper

88 100

43 31.3 24.2 36.4

58 71.2 53.0 79.4



#50

Toluene-d8

Concen: 46.553 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007849.D

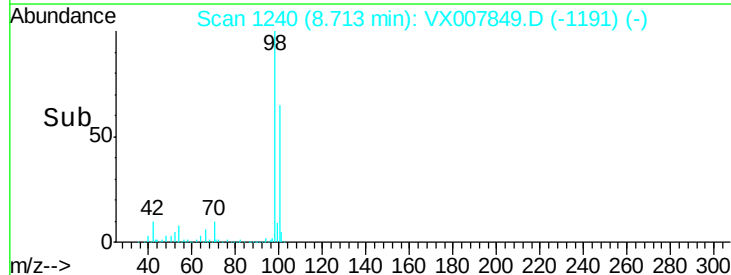
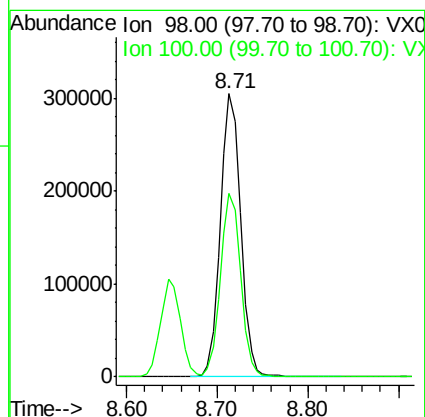
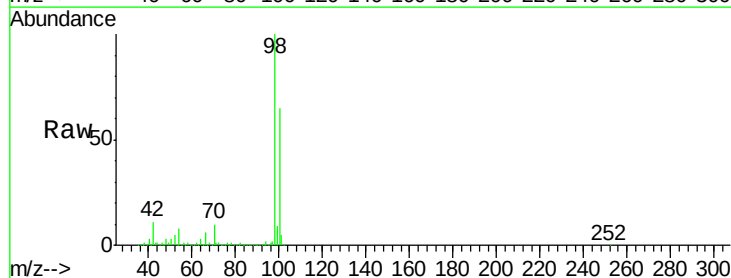
Acq: 05 Mar 2019 20:34

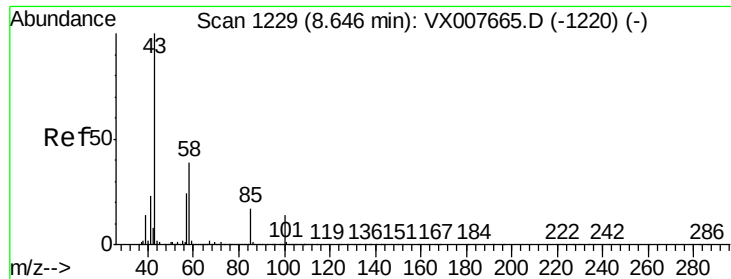
Tgt Ion: 98 Resp: 480419

Ion Ratio Lower Upper

98 100

100 64.9 51.6 77.4

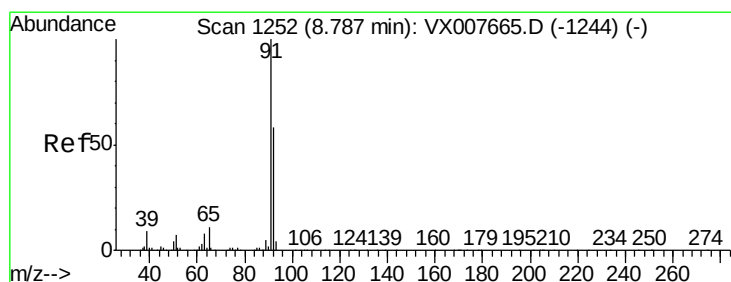
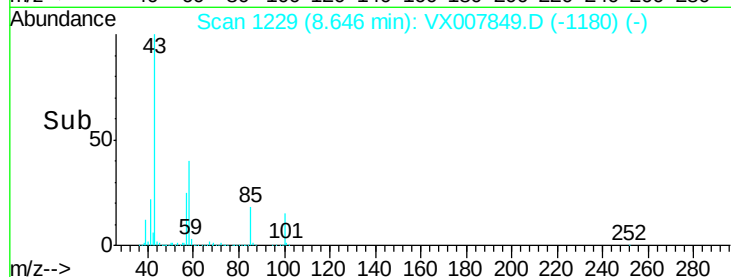
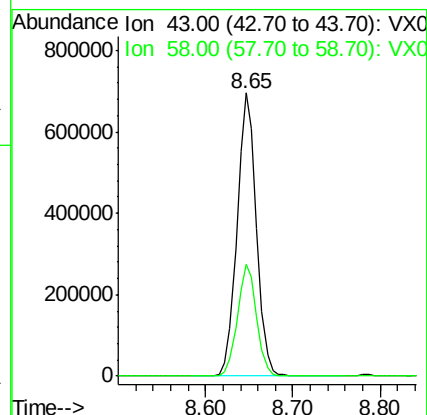
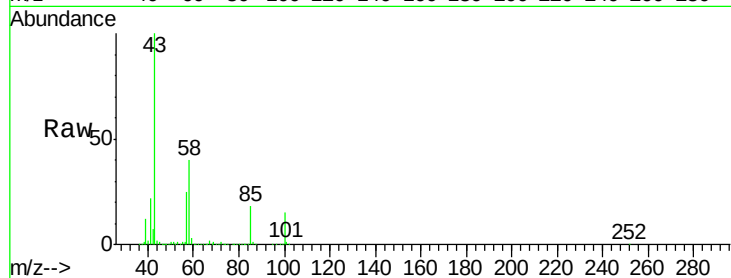




#51
4-Methyl-2-Pentanone
Concen: 258.214 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX007849.D
Acq: 05 Mar 2019 20:34

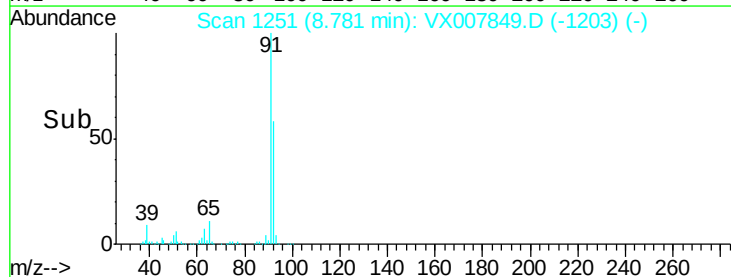
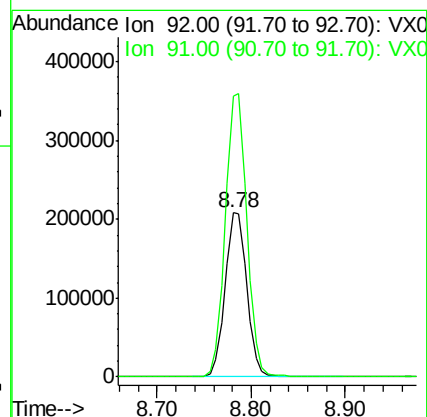
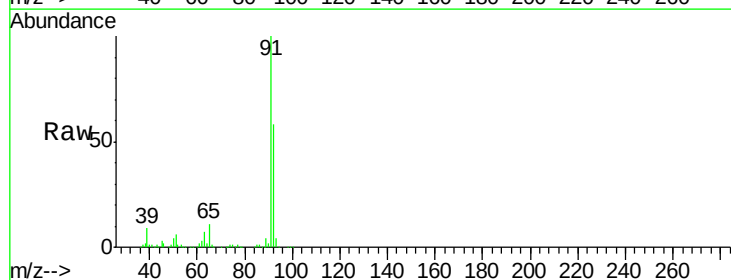
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

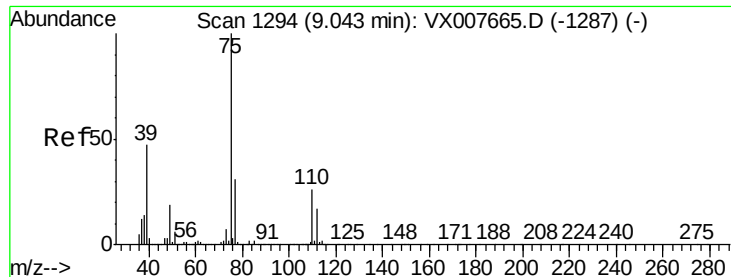
Tot Ion: 43 Resp: 1071288
Ion Ratio Lower Upper
43 100
58 39.1 31.2 46.8



#52
Toluene
Concen: 47.174 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX007849.D
Acq: 05 Mar 2019 20:34

Tgt Ion: 92 Resp: 332907
Ion Ratio Lower Upper
92 100
91 172.0 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 46.602 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007849.D

Acq: 05 Mar 2019 20:34

Instrument :

MSVOA_X

ClientSampleId :

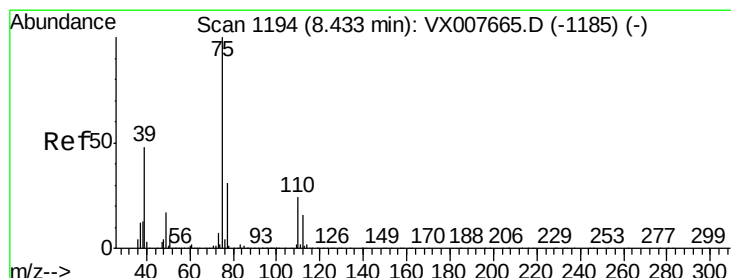
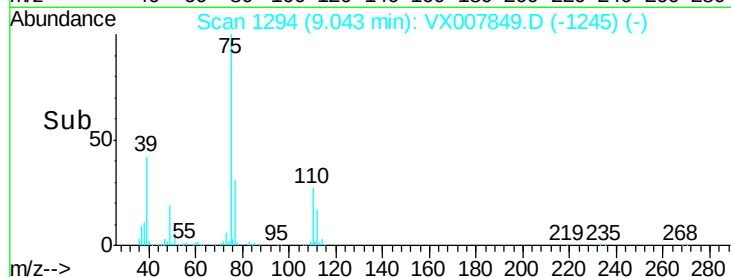
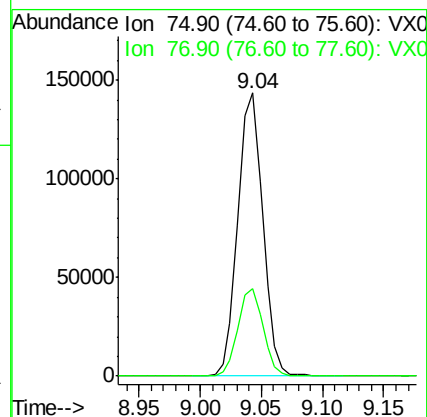
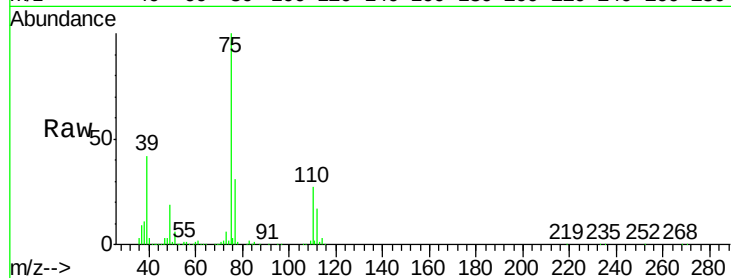
VSTDCCC050EC

Tot Ion: 75 Resp: 202178

Ion Ratio Lower Upper

75 100

77 31.1 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 52.934 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007849.D

Acq: 05 Mar 2019 20:34

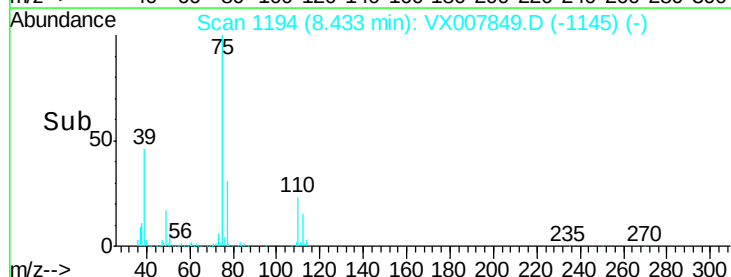
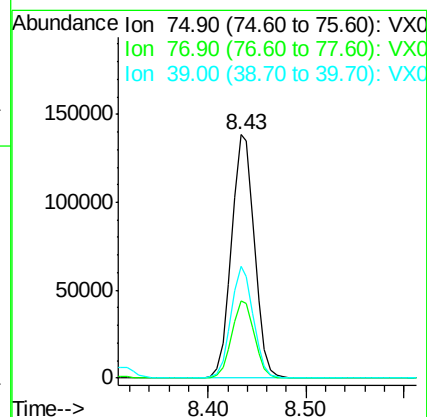
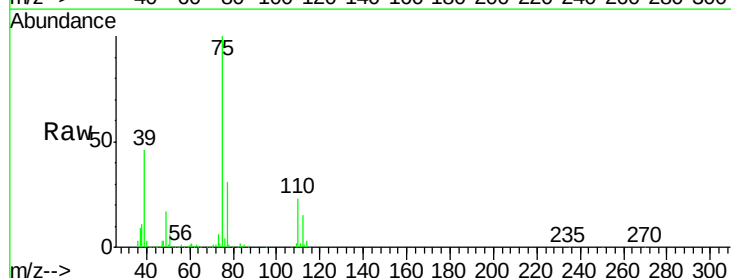
Tgt Ion: 75 Resp: 225139

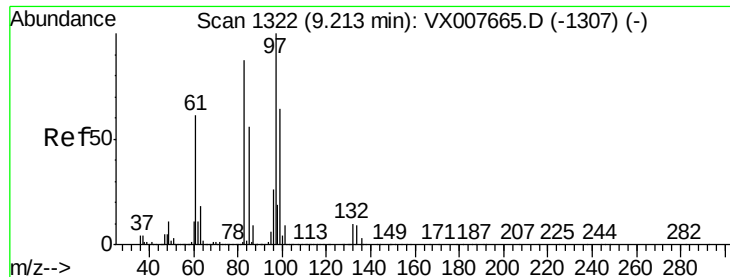
Ion Ratio Lower Upper

75 100

77 31.5 26.2 39.4

39 45.9 37.1 55.7

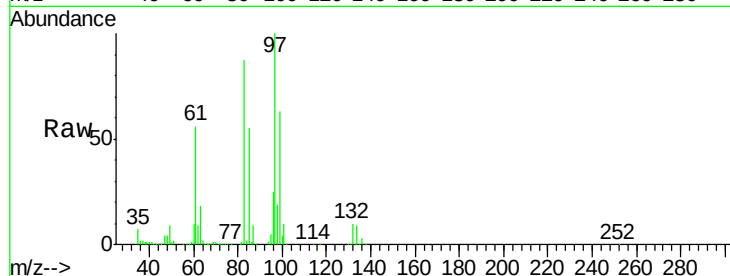




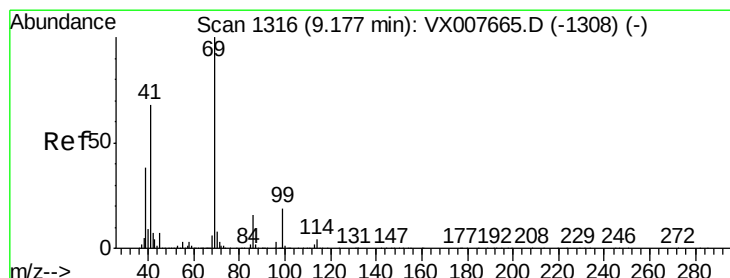
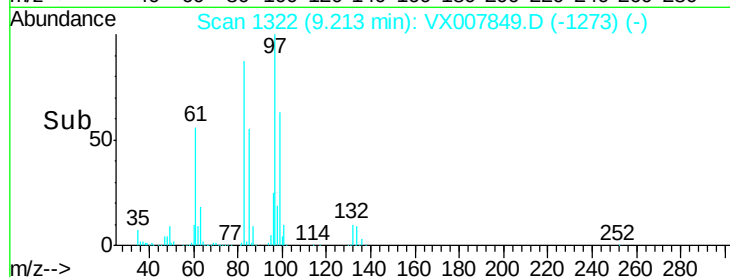
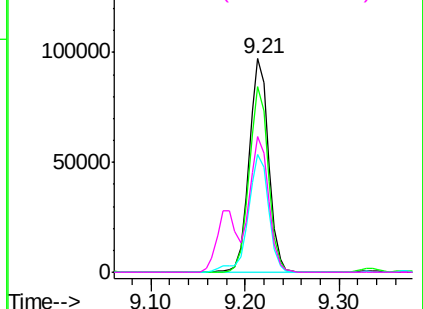
#55
 1,1,2-Trichloroethane
 Concen: 47.674 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007849.D
 Acq: 05 Mar 2019 20:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	140296
Ion	Ratio	Lower	Upper
97	100		
83	87.1	68.6	102.8
85	55.4	44.5	66.7
99	63.4	52.2	78.4

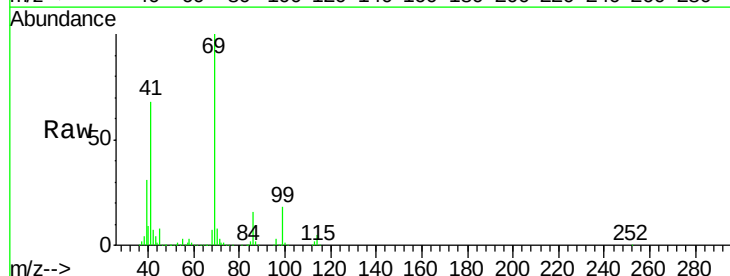


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

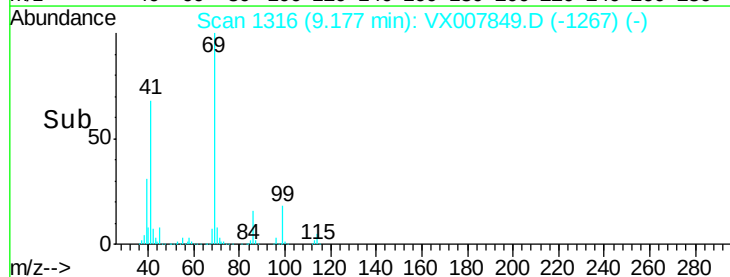
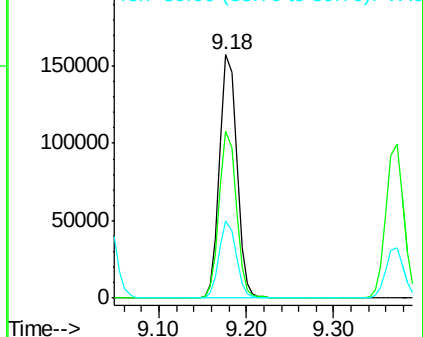


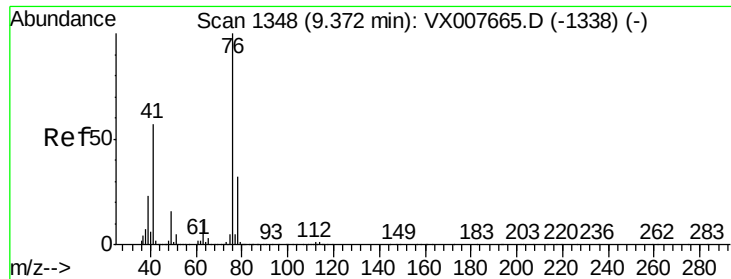
#56
 Ethyl methacrylate
 Concen: 51.723 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX007849.D
 Acq: 05 Mar 2019 20:34

Tgt Ion:	69	Resp:	216456
Ion	Ratio	Lower	Upper
69	100		
41	67.7	52.1	78.1
39	31.2	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: 49.539 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007849.D

Acq: 05 Mar 2019 20:34

Instrument :

MSVOA_X

ClientSampleId :

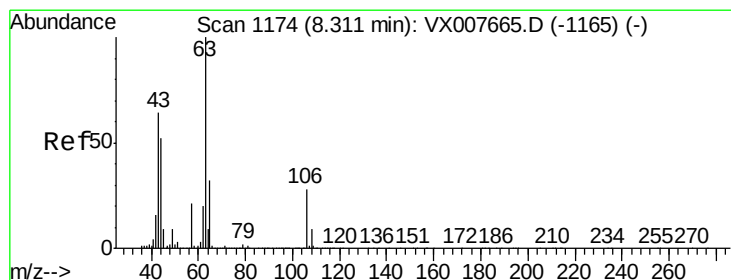
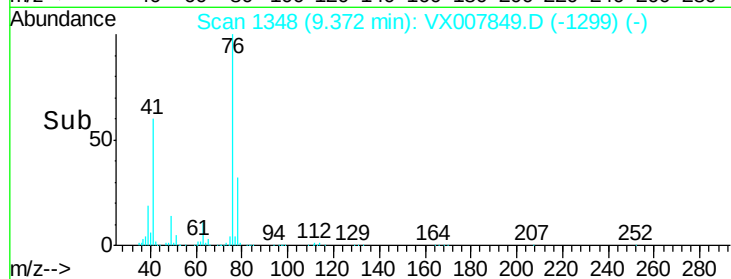
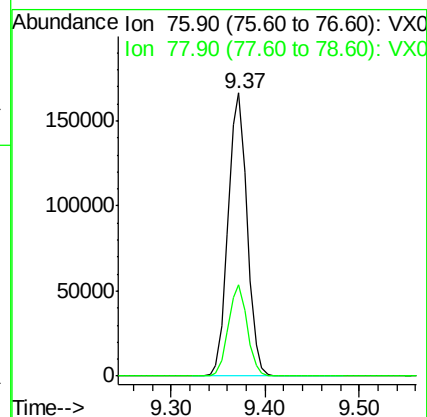
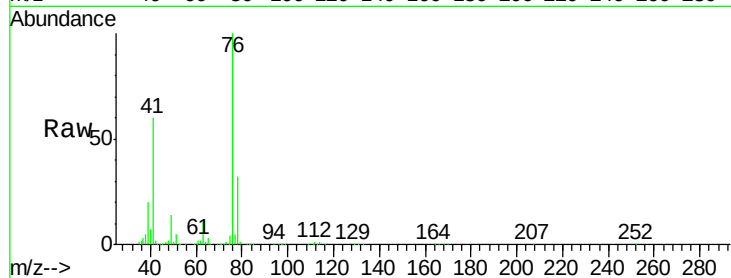
VSTDCCC050EC

Tot Ion: 76 Resp: 233366

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 234.839 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007849.D

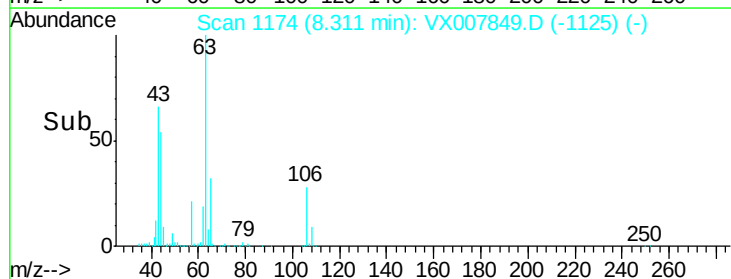
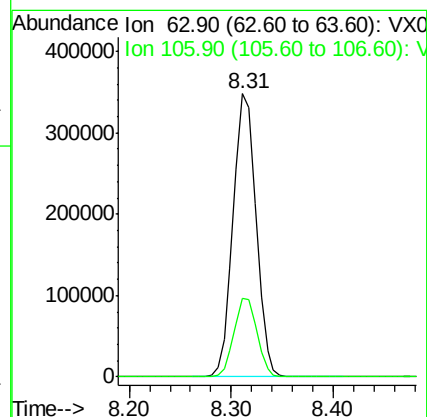
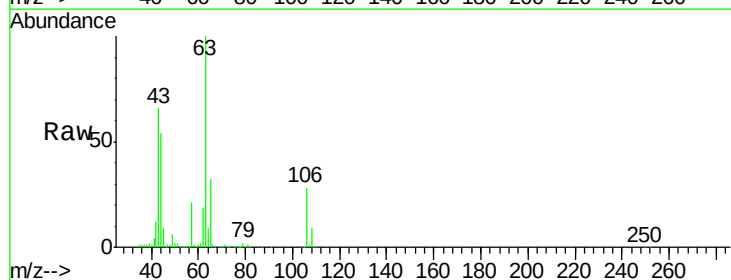
Acq: 05 Mar 2019 20:34

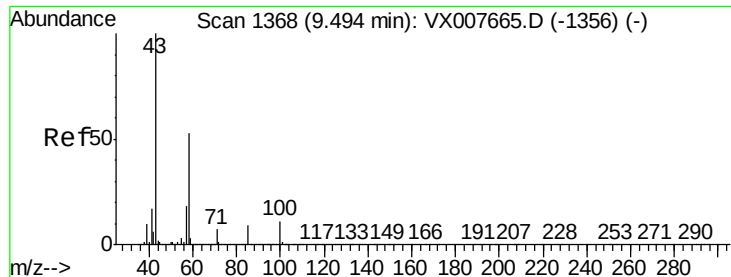
Tgt Ion: 63 Resp: 541952

Ion Ratio Lower Upper

63 100

106 27.8 23.6 35.4

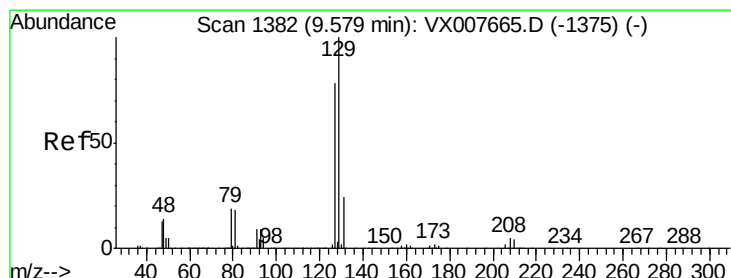
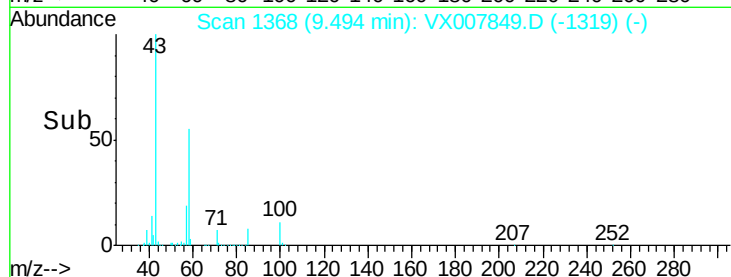
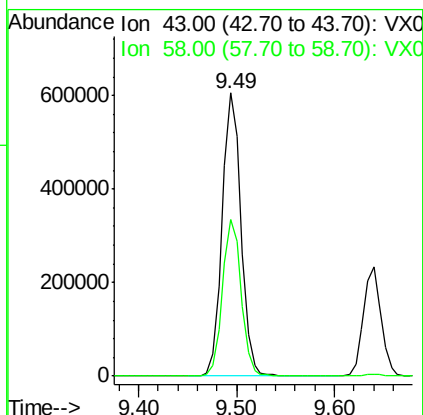
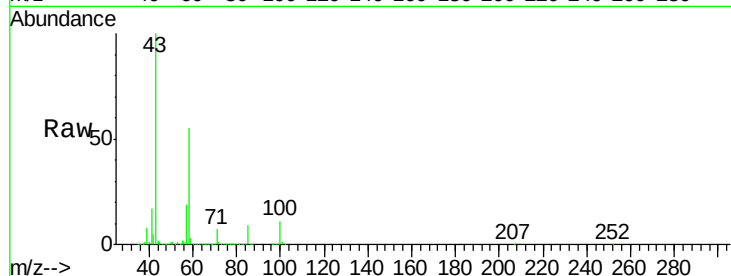




#59
2-Hexanone
Concen: 248.251 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007849.D
Acq: 05 Mar 2019 20:34

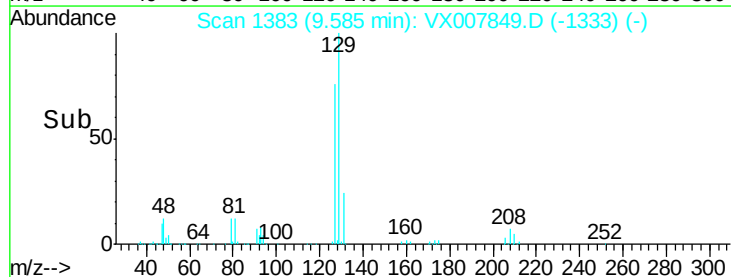
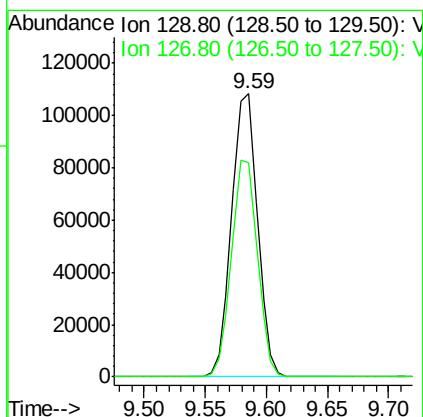
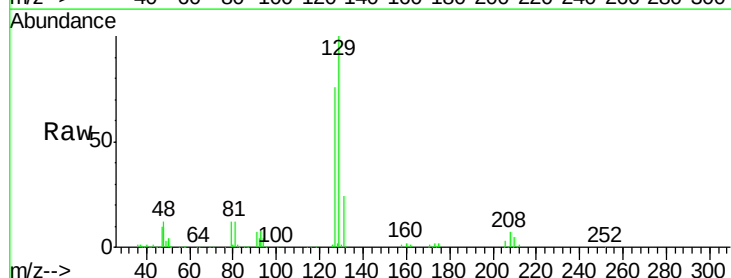
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

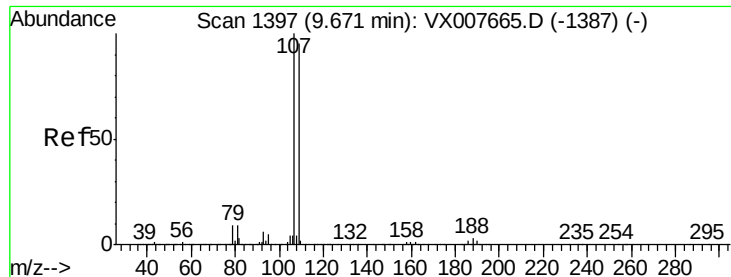
Tot Ion: 43 Resp: 808607
Ion Ratio Lower Upper
43 100
58 55.1 27.1 81.3



#60
Dibromochloromethane
Concen: 56.070 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX007849.D
Acq: 05 Mar 2019 20:34

Tgt Ion: 129 Resp: 158772
Ion Ratio Lower Upper
129 100
127 77.0 37.8 113.4





#61

1,2-Dibromoethane

Concen: 48.070 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007849.D

Acq: 05 Mar 2019 20:34

Instrument :

MSVOA_X

ClientSampleId :

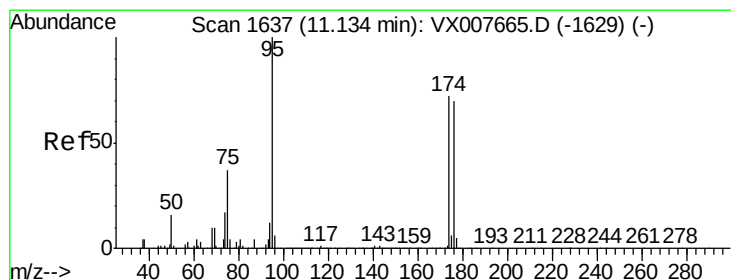
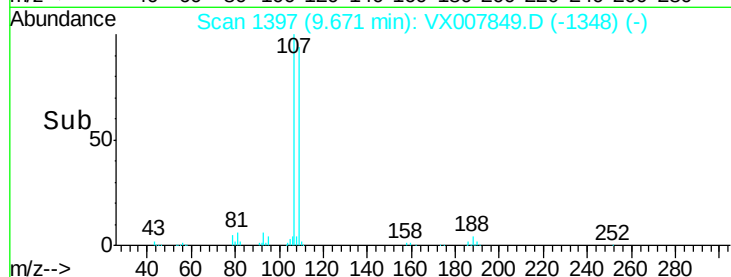
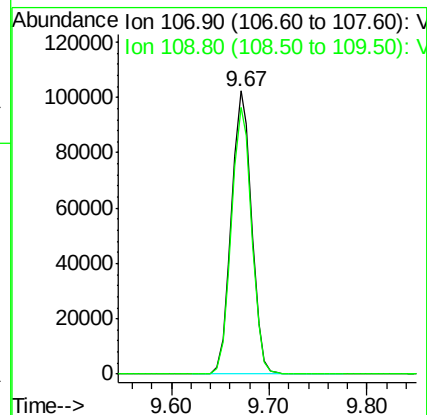
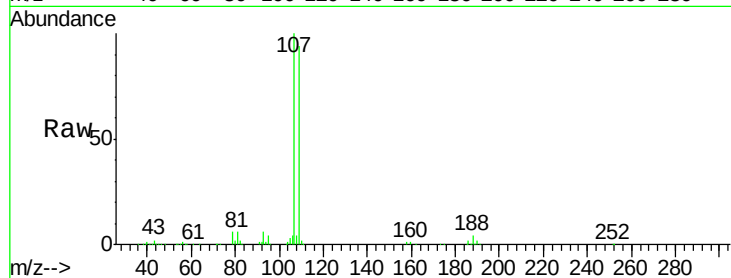
VSTDCCC050EC

Tot Ion: 107 Resp: 146872

Ion Ratio Lower Upper

107 100

109 94.6 75.1 112.7



#62

4-Bromofluorobenzene

Concen: 45.138 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007849.D

Acq: 05 Mar 2019 20:34

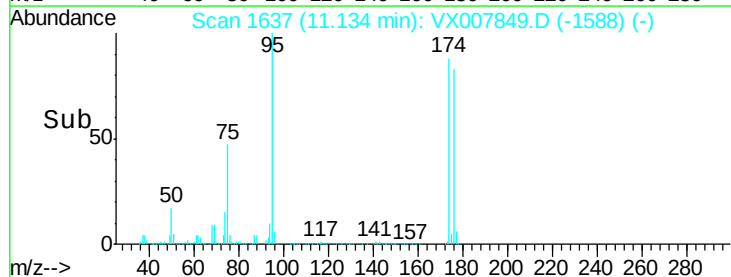
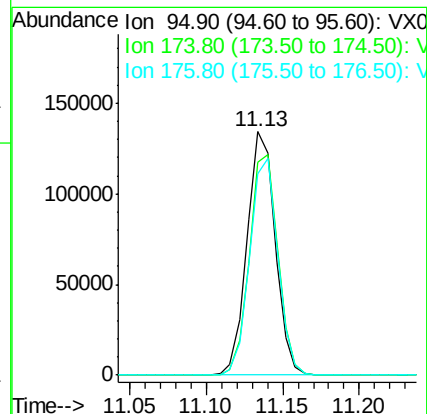
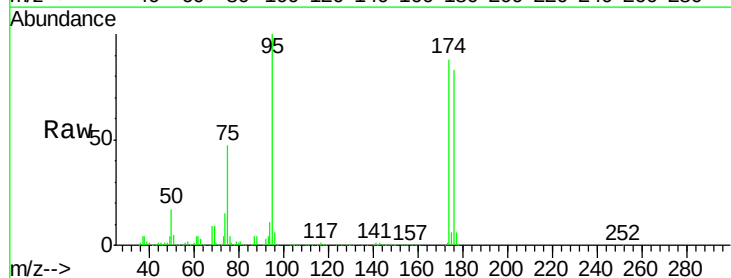
Tgt Ion: 95 Resp: 170971

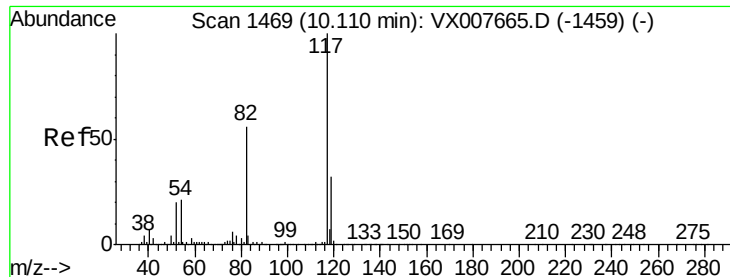
Ion Ratio Lower Upper

95 100

174 92.3 0.0 189.2

176 89.4 0.0 186.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX007849.D

Acq: 05 Mar 2019 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

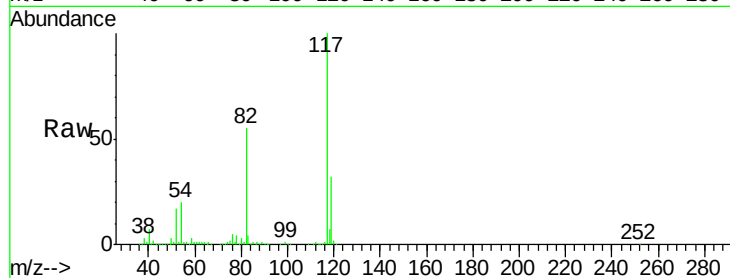
Tot Ion:117 Resp: 353536

Ion Ratio Lower Upper

117 100

82 55.5 42.1 63.1

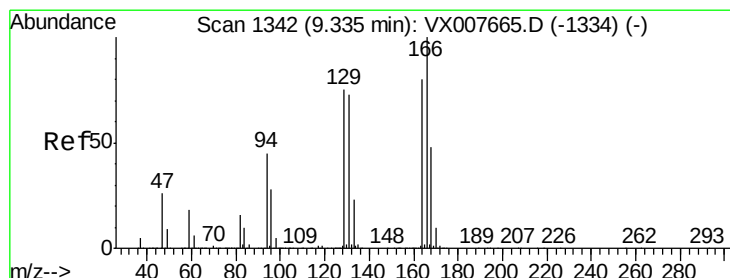
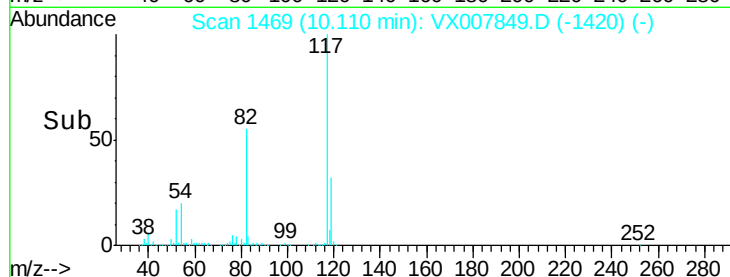
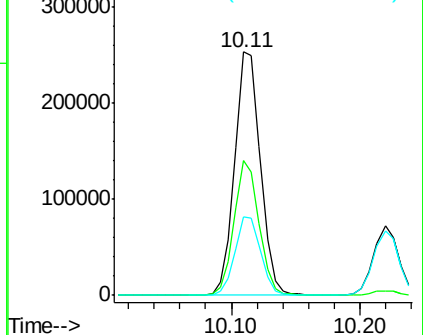
119 32.2 26.5 39.7



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 46.597 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX007849.D

Acq: 05 Mar 2019 20:34

Tgt Ion:164 Resp: 133735

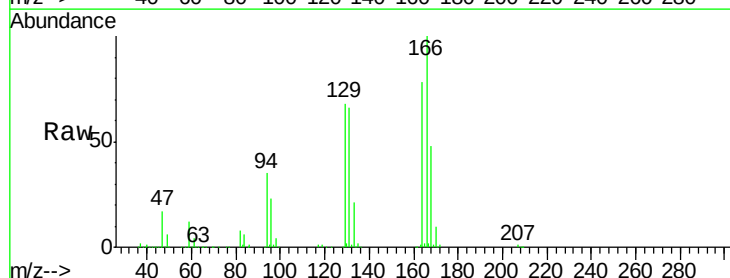
Ion Ratio Lower Upper

164 100

166 128.3 101.0 151.4

129 87.4 70.5 105.7

131 85.2 69.8 104.6

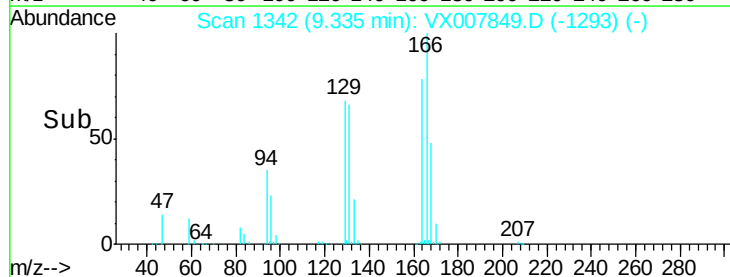
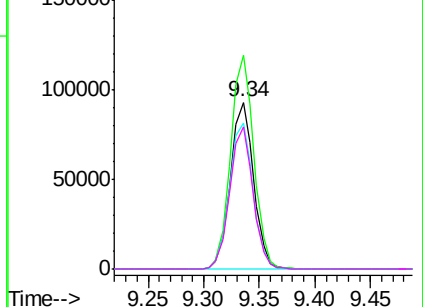


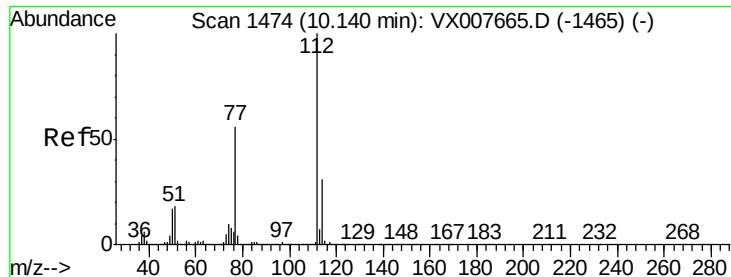
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

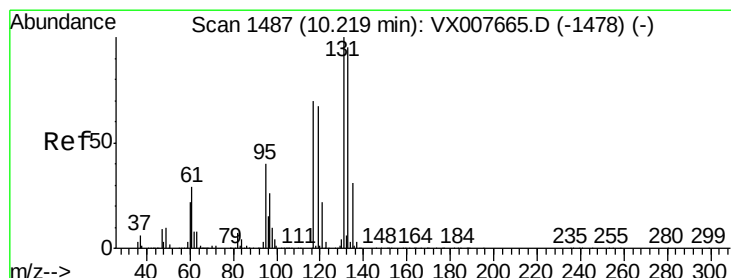
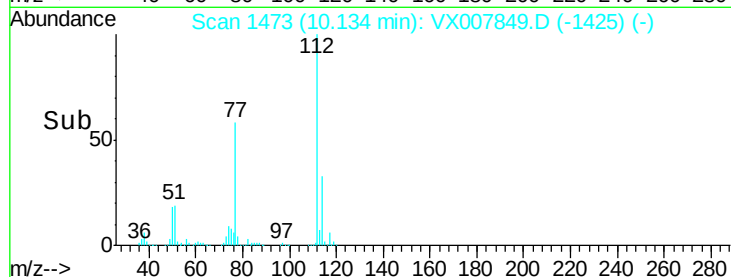
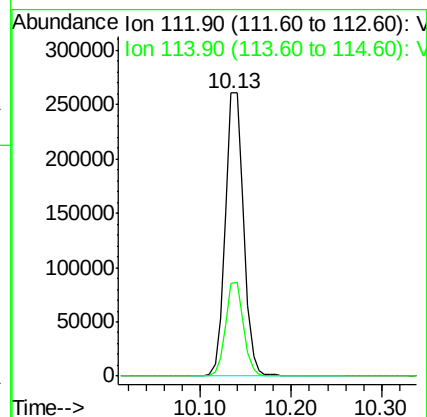
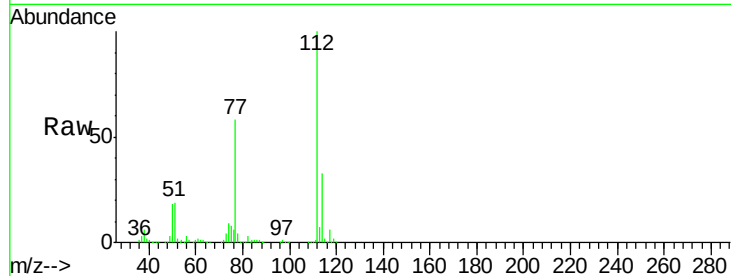




#65
Chlorobenzene
Concen: 48.033 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX007849.D
Acq: 05 Mar 2019 20:34

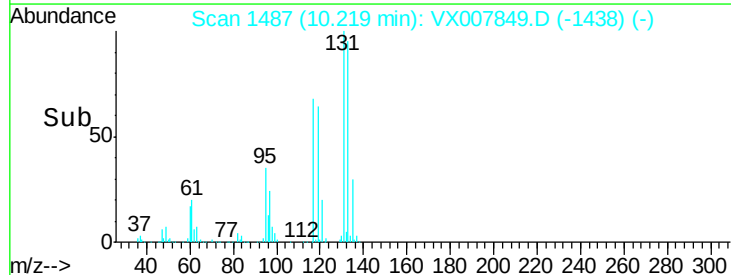
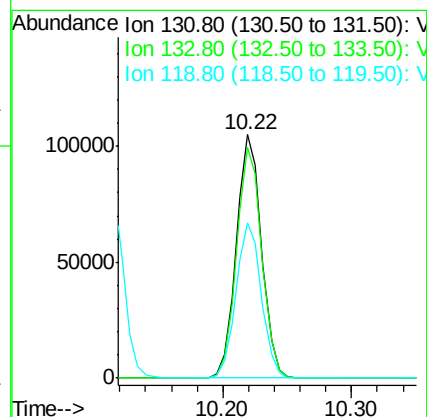
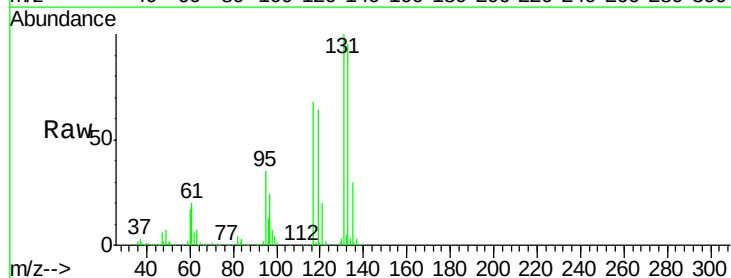
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

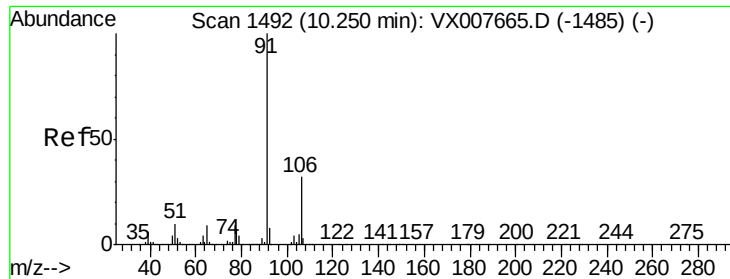
Tot Ion:112 Resp: 367274
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 53.584 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007849.D
Acq: 05 Mar 2019 20:34

Tgt Ion:131 Resp: 142919
Ion Ratio Lower Upper
131 100
133 94.8 48.0 144.2
119 64.6 32.0 96.0

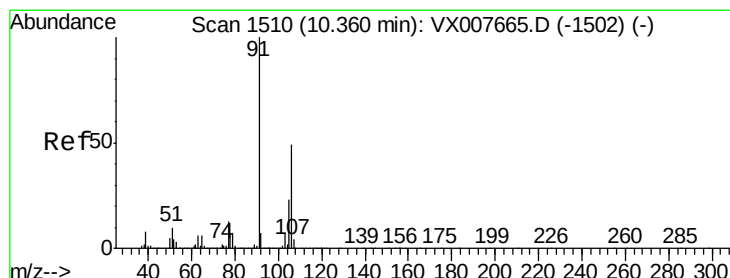
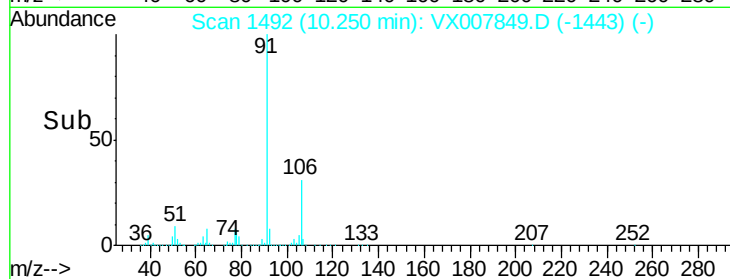
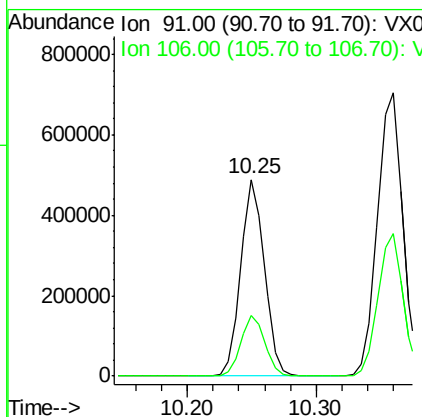
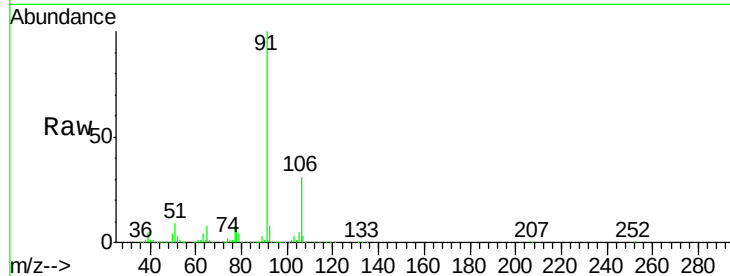




#67
Ethyl Benzene
Concen: 49.216 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX007849.D
Acq: 05 Mar 2019 20:34

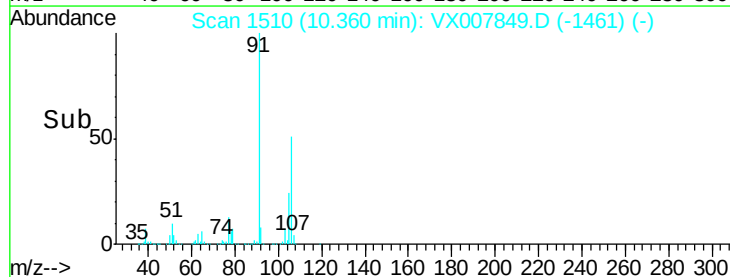
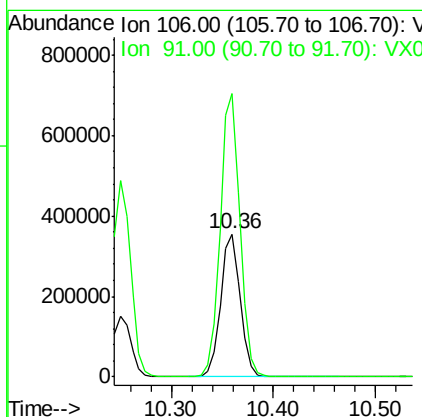
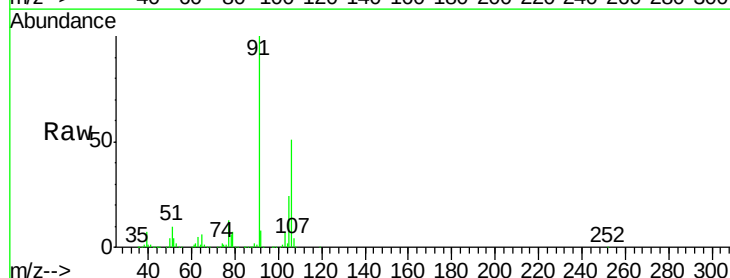
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

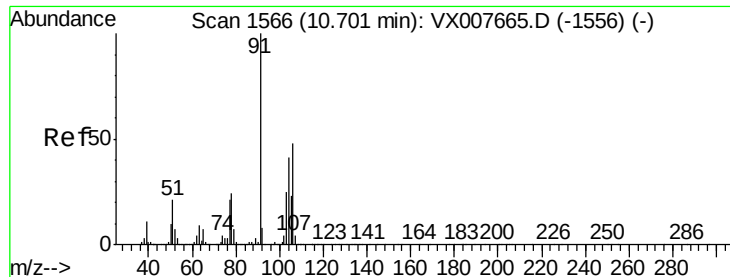
Tot Ion: 91 Resp: 623396
Ion Ratio Lower Upper
91 100
106 31.1 25.4 38.0



#68
m/p-Xylenes
Concen: 96.705 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007849.D
Acq: 05 Mar 2019 20:34

Tgt Ion: 106 Resp: 476528
Ion Ratio Lower Upper
106 100
91 199.8 156.6 234.8

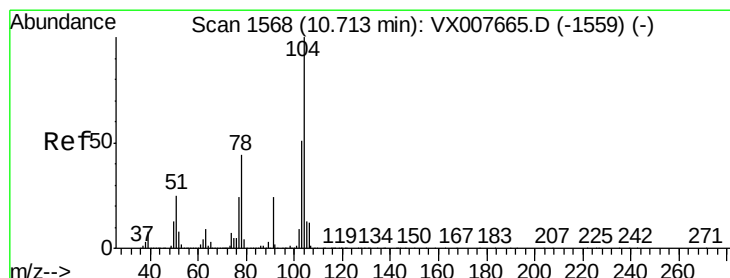
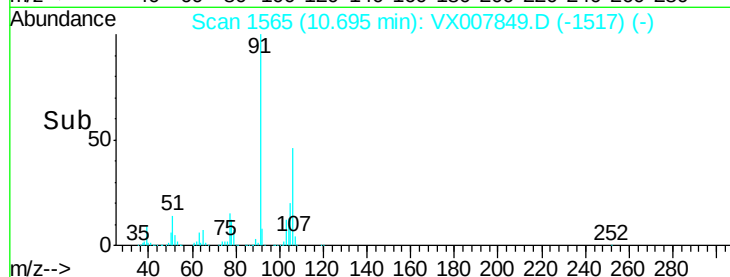
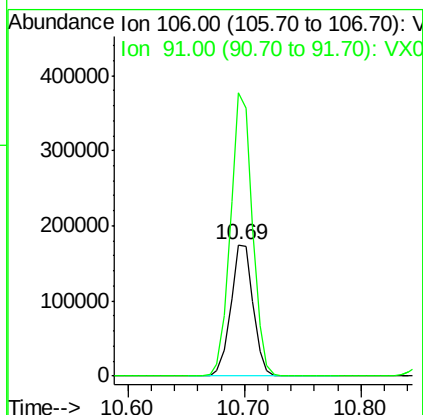
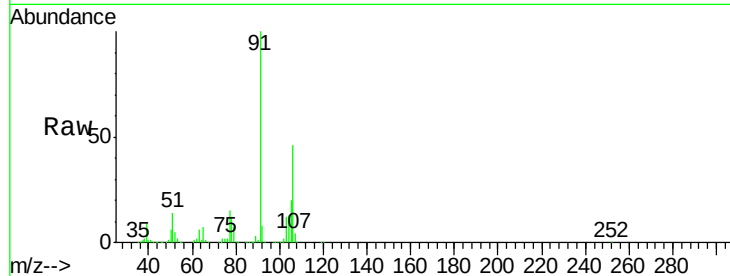




#69
o-Xylene
Concen: 49.150 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007849.D
Acq: 05 Mar 2019 20:34

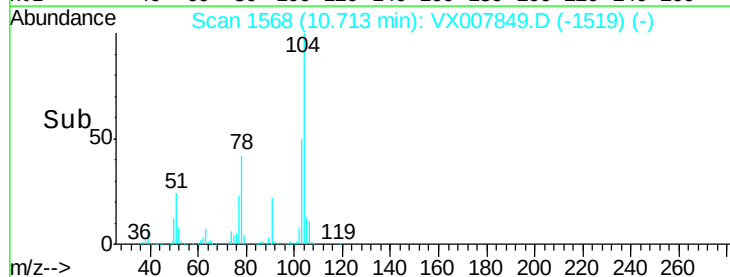
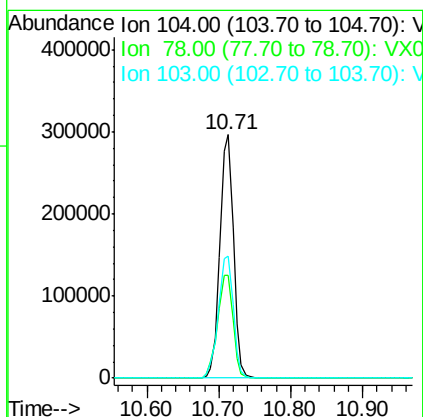
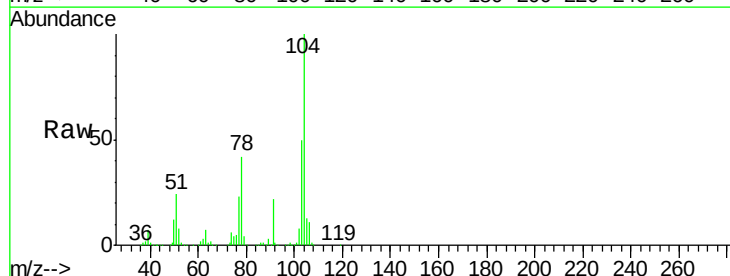
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

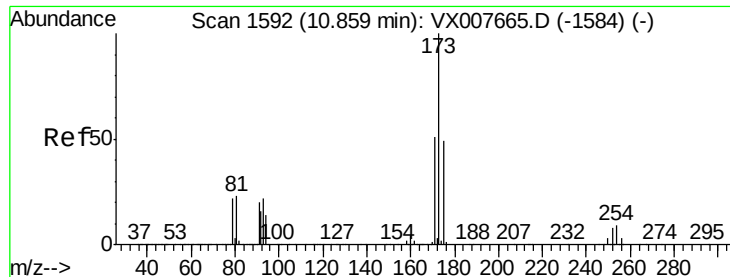
Tot Ion:106 Resp: 232963
Ion Ratio Lower Upper
106 100
91 212.0 102.9 308.7



#70
Styrene
Concen: 49.660 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007849.D
Acq: 05 Mar 2019 20:34

Tgt Ion:104 Resp: 386893
Ion Ratio Lower Upper
104 100
78 48.1 38.3 57.5
103 55.4 44.6 67.0





#71

Bromoform

Concen: 65.536 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007849.D

Acq: 05 Mar 2019 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

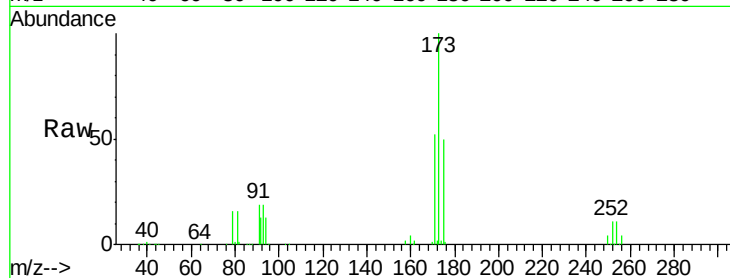
Tot Ion:173 Resp: 131076

Ion Ratio Lower Upper

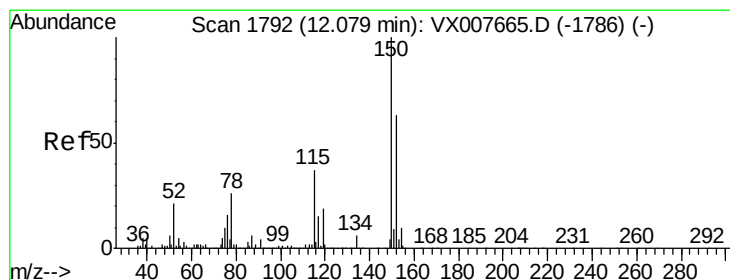
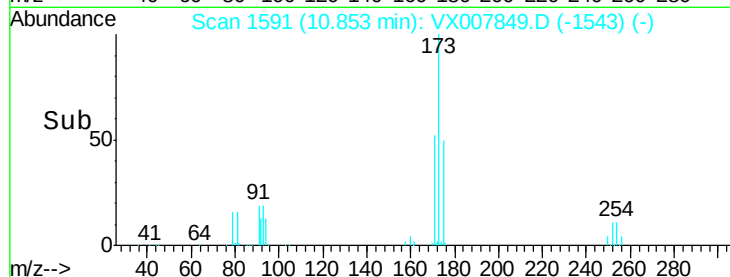
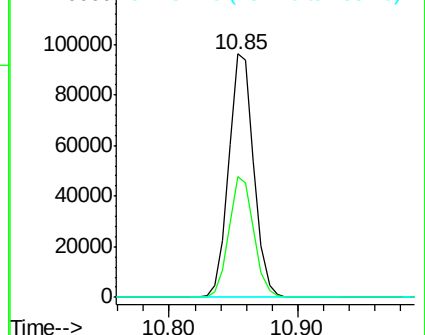
173 100

175 49.2 24.2 72.6

254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007849.D

Acq: 05 Mar 2019 20:34

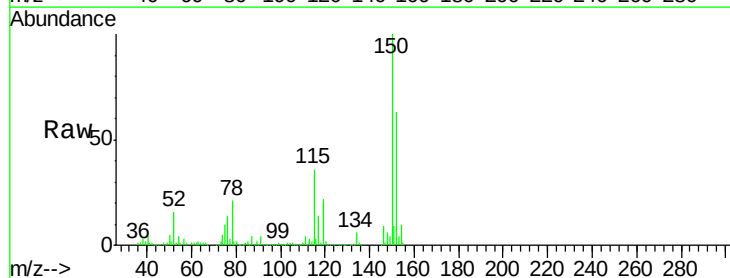
Tgt Ion:152 Resp: 181065

Ion Ratio Lower Upper

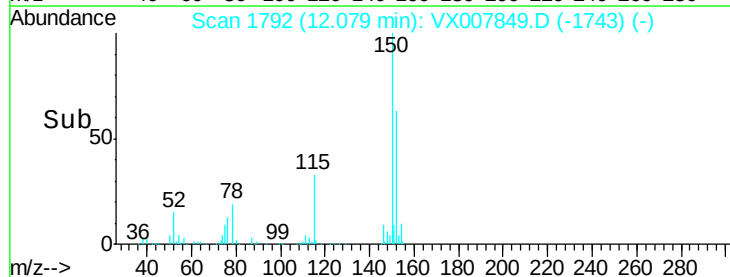
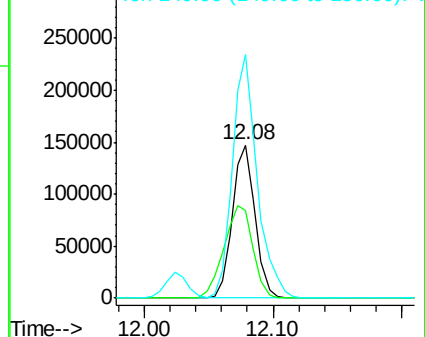
152 100

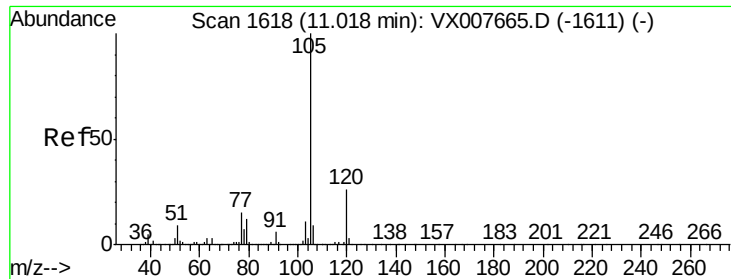
115 77.1 38.0 114.0

150 174.1 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: 48.290 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007849.D

Acq: 05 Mar 2019 20:34

Instrument :

MSVOA_X

ClientSampleId :

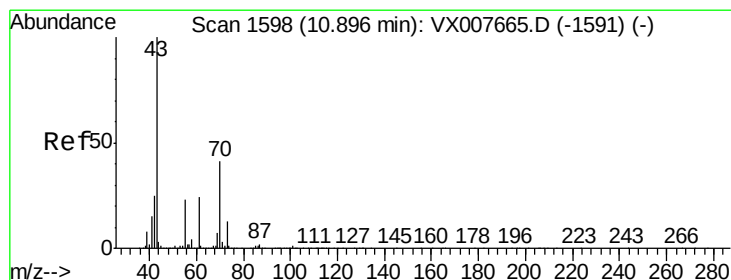
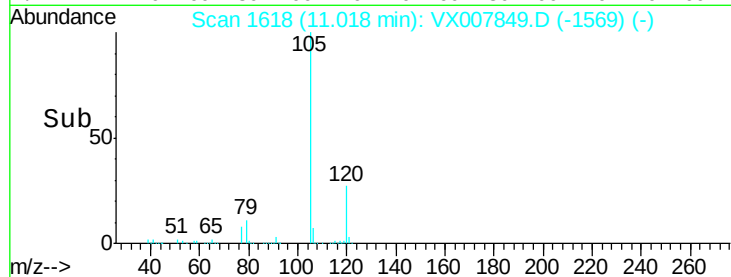
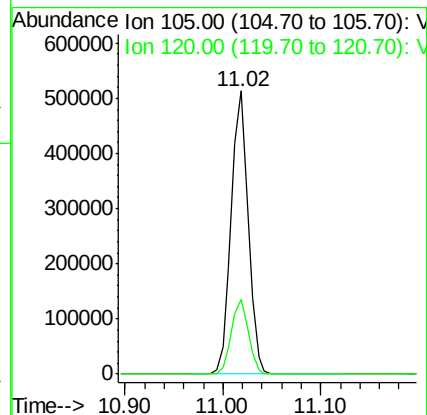
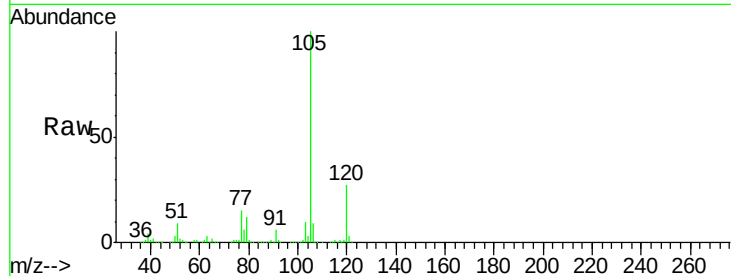
VSTDCCC050EC

Tot Ion:105 Resp: 624922

Ion Ratio Lower Upper

105 100

120 26.5 13.6 40.7



#74

N-ethyl acetate

Concen: 52.475 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007849.D

Acq: 05 Mar 2019 20:34

Tgt Ion: 43 Resp: 294897

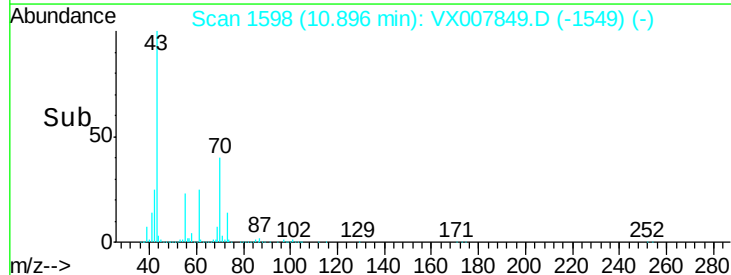
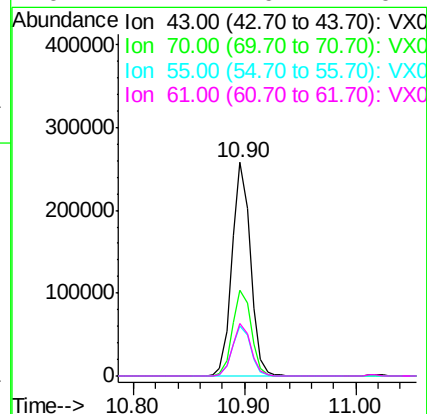
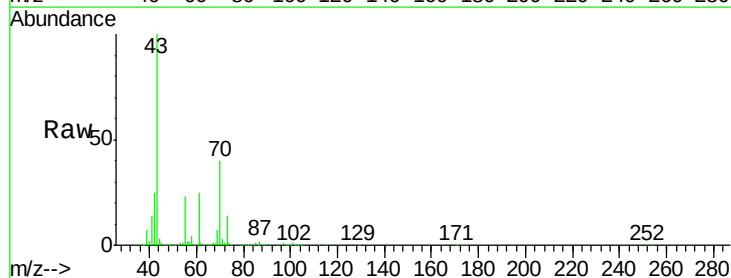
Ion Ratio Lower Upper

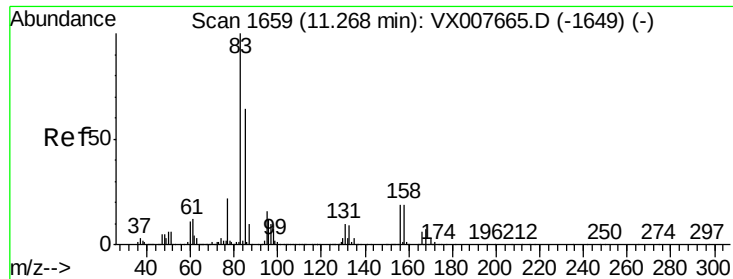
43 100

70 41.0 33.8 50.6

55 23.7 19.5 29.3

61 24.4 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 47.438 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007849.D

Acq: 05 Mar 2019 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

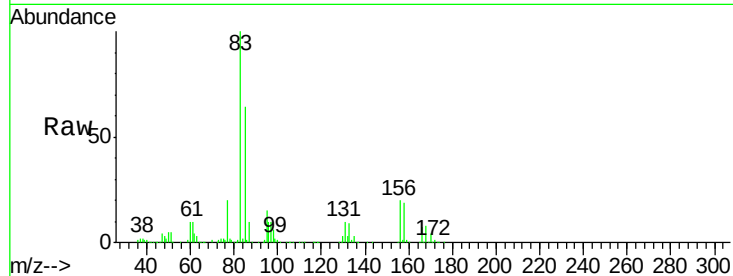
Tot Ion: 83 Resp: 212326

Ion Ratio Lower Upper

83 100

131 10.5 5.7 17.0

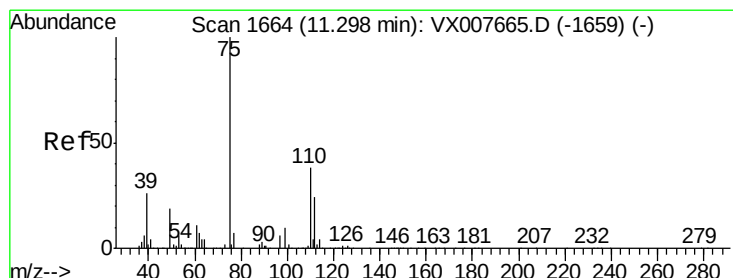
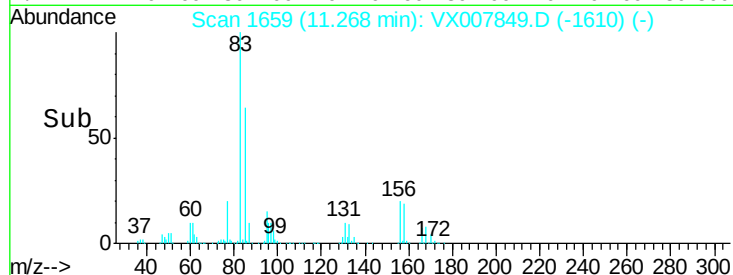
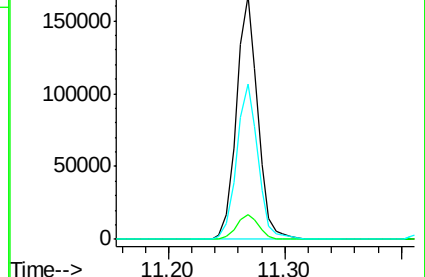
85 64.2 32.8 98.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 63.924 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX007849.D

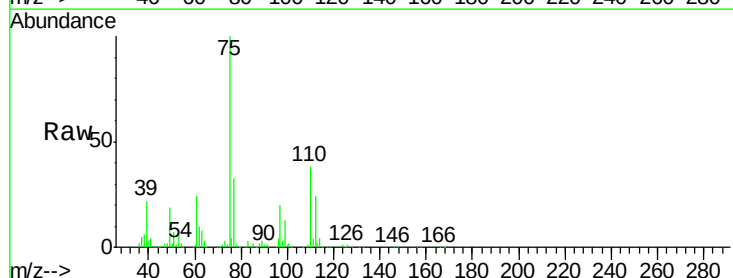
Acq: 05 Mar 2019 20:34

Tgt Ion: 75 Resp: 246713

Ion Ratio Lower Upper

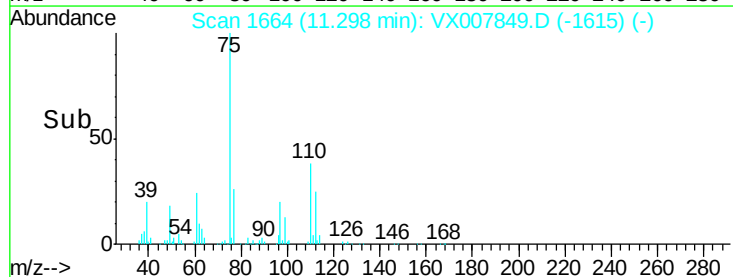
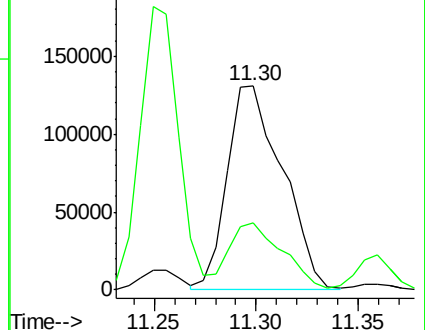
75 100

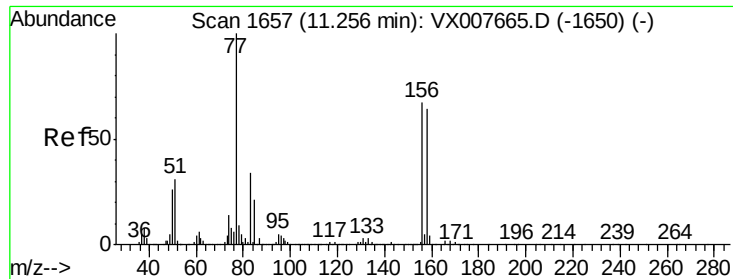
77 32.3 23.0 69.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.964 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007849.D

Acq: 05 Mar 2019 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

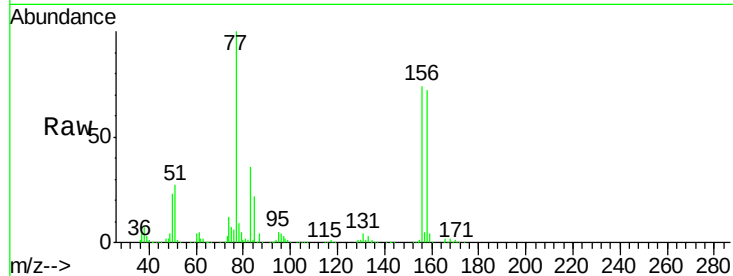
Tot Ion:156 Resp: 165423

Ion Ratio Lower Upper

156 100

77 143.0 66.8 200.6

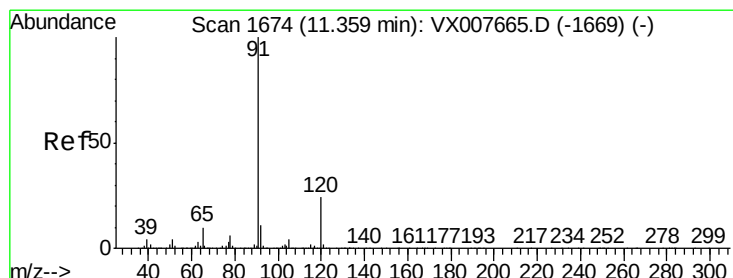
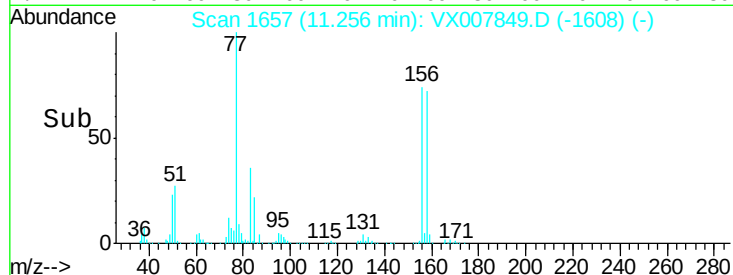
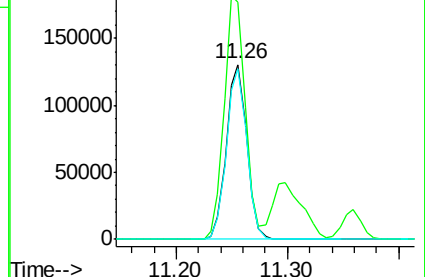
158 97.0 47.9 143.8



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: 48.224 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007849.D

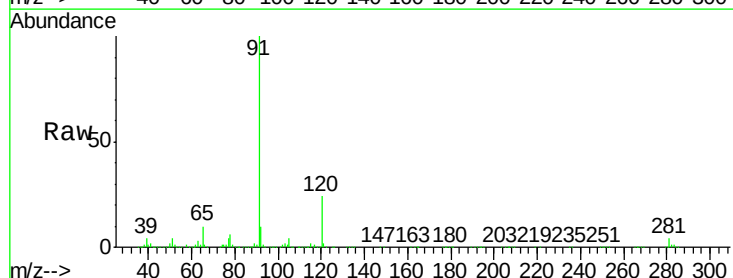
Acq: 05 Mar 2019 20:34

Tgt Ion: 91 Resp: 705200

Ion Ratio Lower Upper

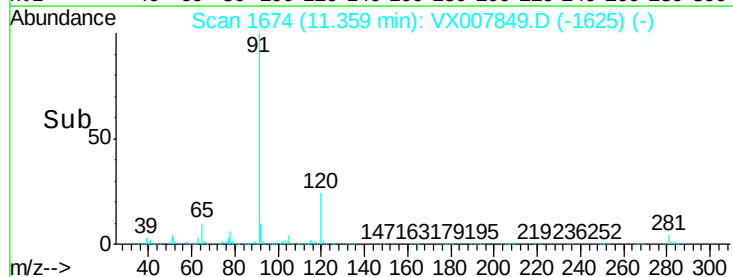
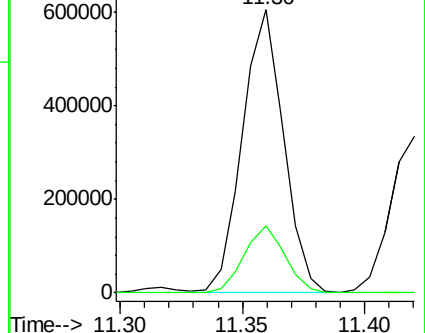
91 100

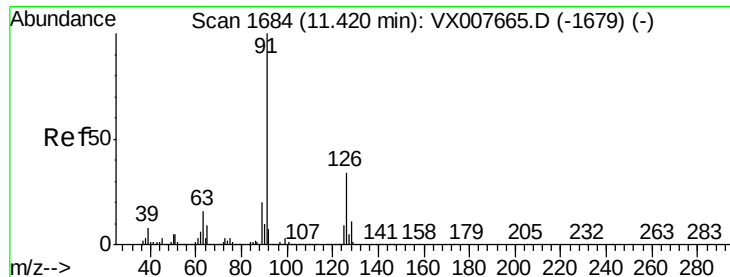
120 23.7 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.889 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007849.D

Acq: 05 Mar 2019 20:34

Instrument :

MSVOA_X

ClientSampleId :

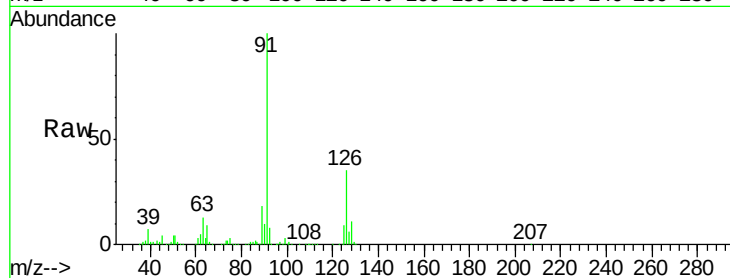
VSTDCCC050EC

Tot Ion: 91 Resp: 412862

Ion Ratio Lower Upper

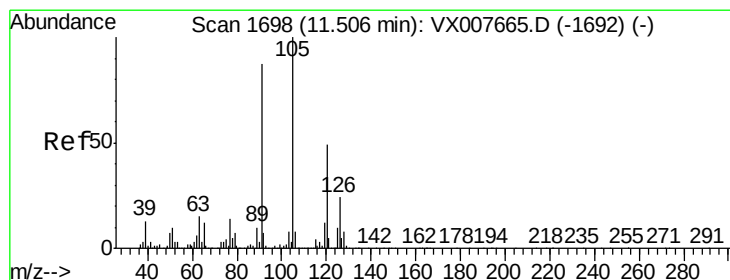
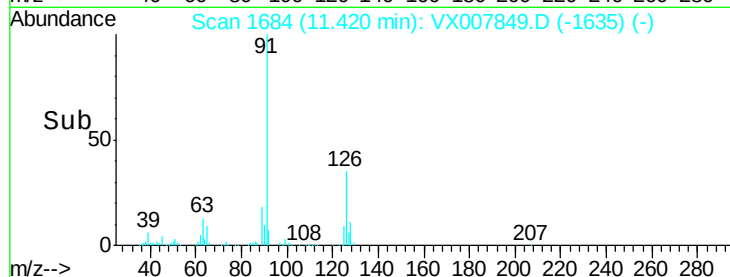
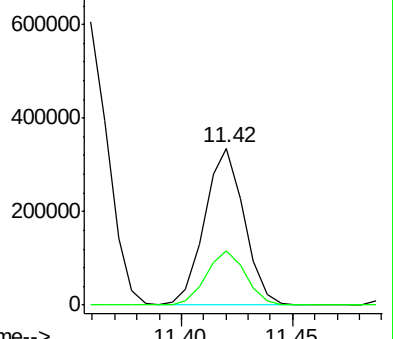
91 100

126 35.3 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 48.329 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007849.D

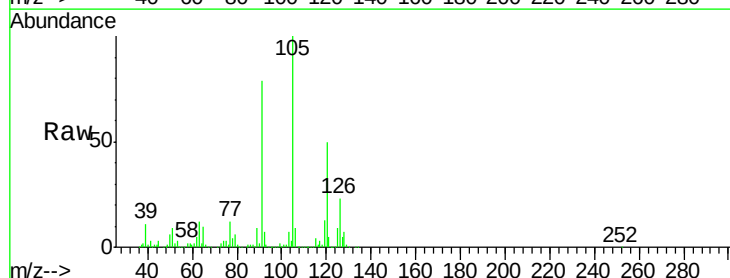
Acq: 05 Mar 2019 20:34

Tgt Ion: 105 Resp: 514448

Ion Ratio Lower Upper

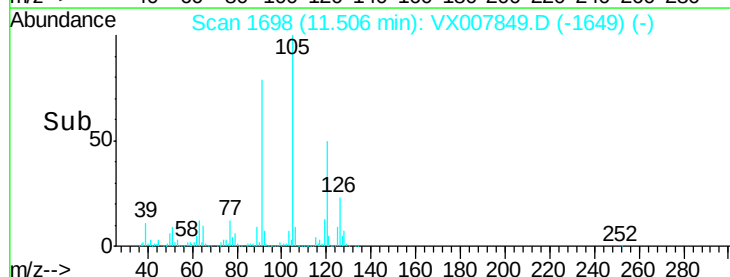
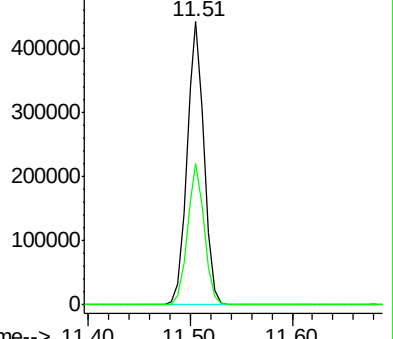
105 100

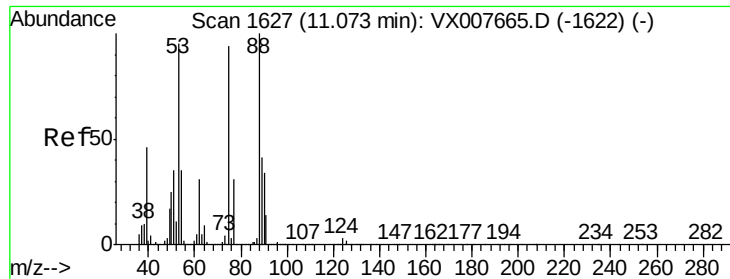
120 49.3 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 46.436 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007849.D

Acq: 05 Mar 2019 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

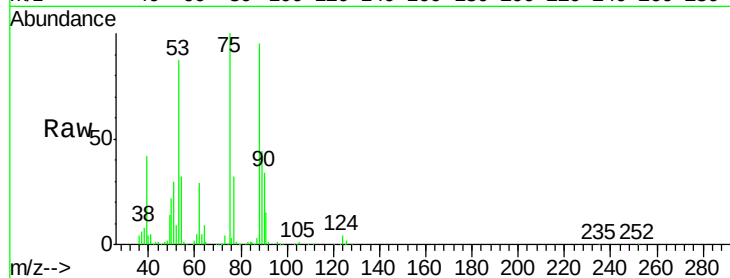
Tot Ion: 75 Resp: 66551

Ion Ratio Lower Upper

75 100

53 89.5 81.0 121.6

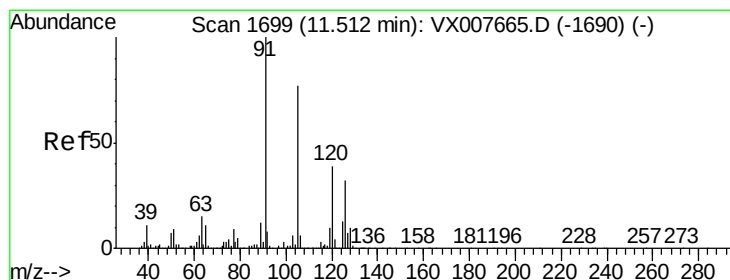
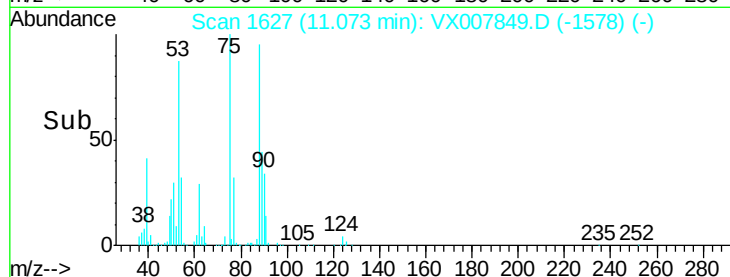
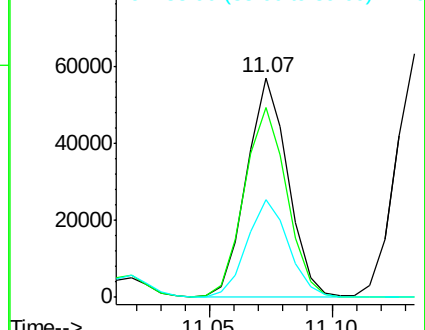
89 45.3 41.4 62.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 46.179 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX007849.D

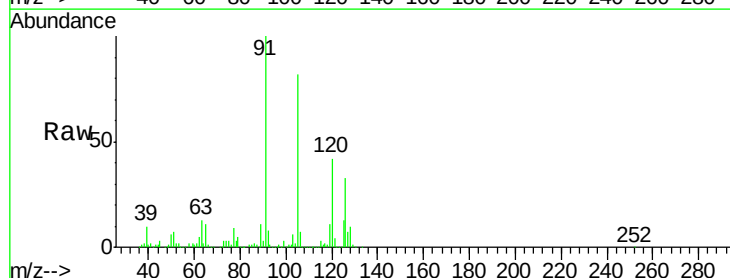
Acq: 05 Mar 2019 20:34

Tgt Ion: 91 Resp: 475666

Ion Ratio Lower Upper

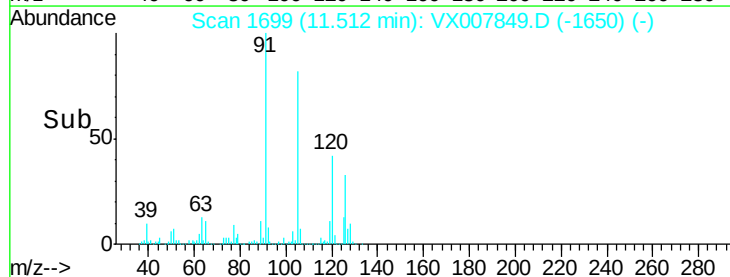
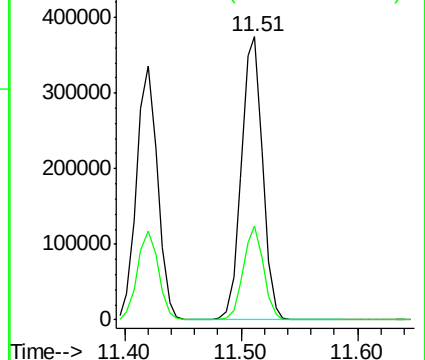
91 100

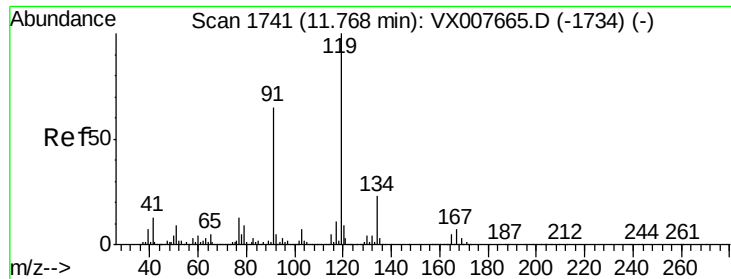
126 31.6 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

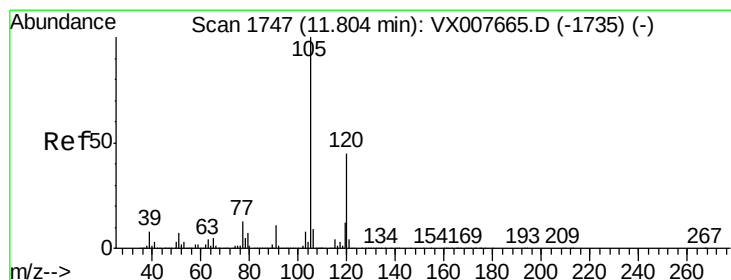
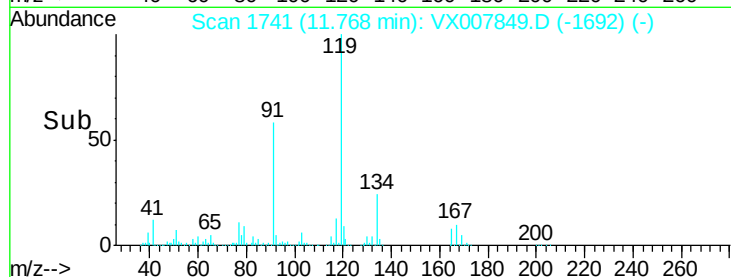
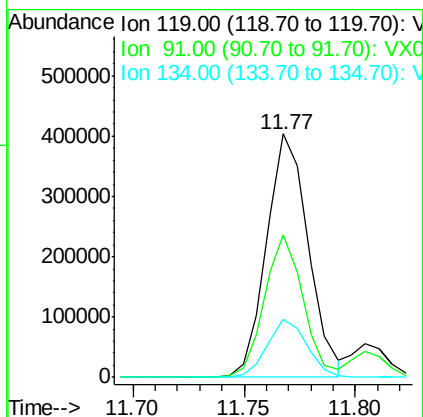
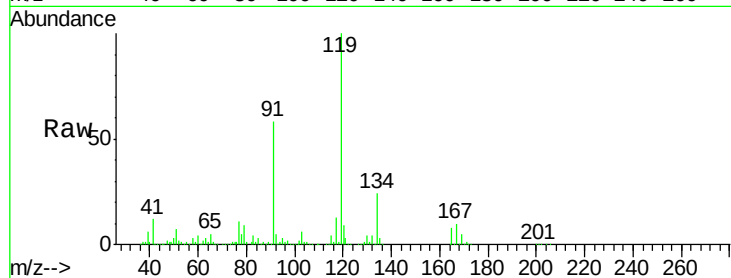




#83
 tert-Butylbenzene
 Concen: 51.347 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX007849.D
 Acq: 05 Mar 2019 20:34

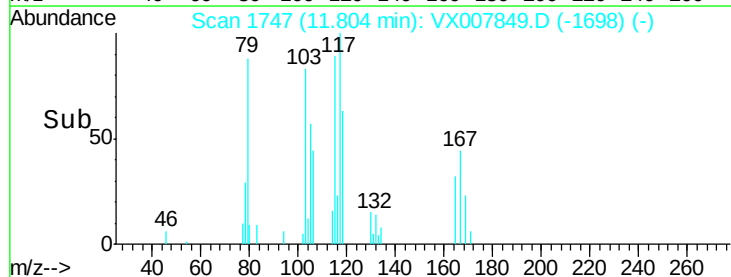
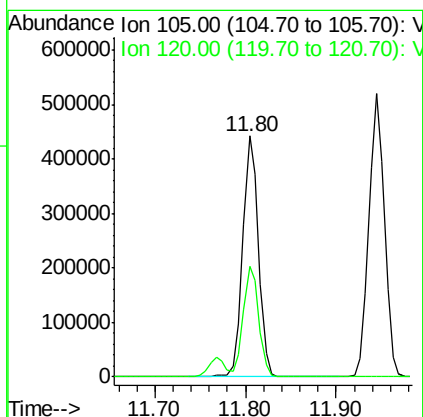
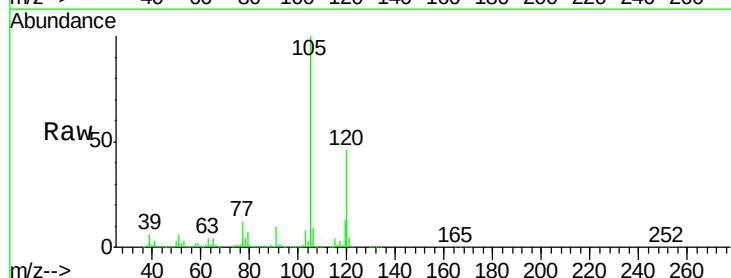
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

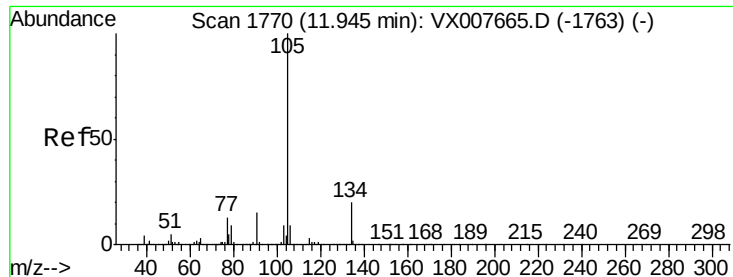
Tot Ion:119 Resp: 524790
 Ion Ratio Lower Upper
 119 100
 91 54.2 28.5 85.6
 134 22.7 12.0 36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 48.530 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX007849.D
 Acq: 05 Mar 2019 20:34

Tgt Ion:105 Resp: 528413
 Ion Ratio Lower Upper
 105 100
 120 45.1 23.1 69.3





#85

sec-Butylbenzene

Concen: 48.510 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007849.D

Acq: 05 Mar 2019 20:34

Instrument :

MSVOA_X

ClientSampleId :

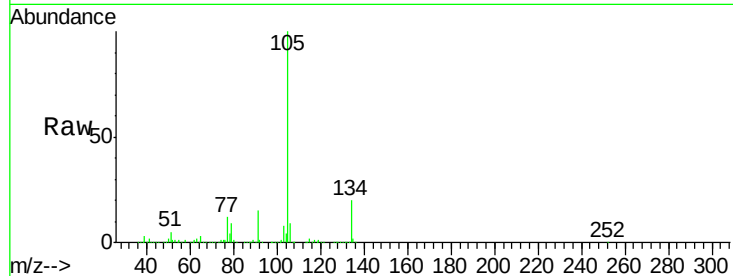
VSTDCCC050EC

Tot Ion:105 Resp: 621283

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

600000

500000

400000

300000

200000

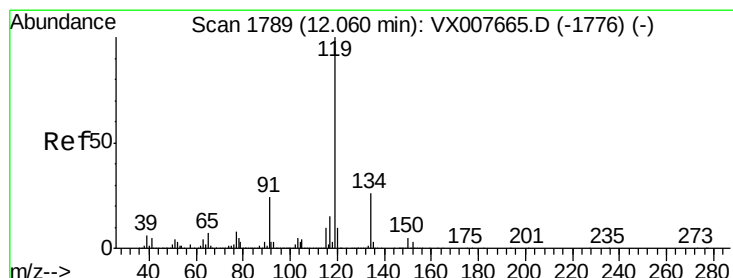
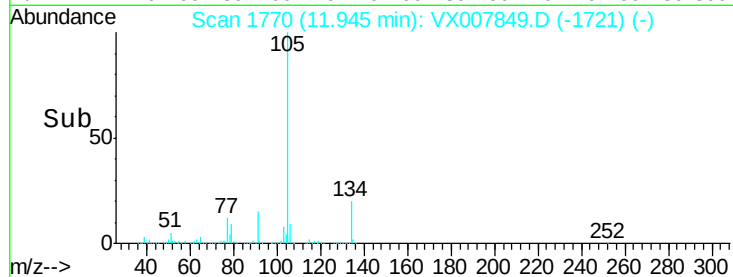
100000

0

11.90

12.00

Time-->



#86

p-Isopropyltoluene

Concen: 49.486 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007849.D

Acq: 05 Mar 2019 20:34

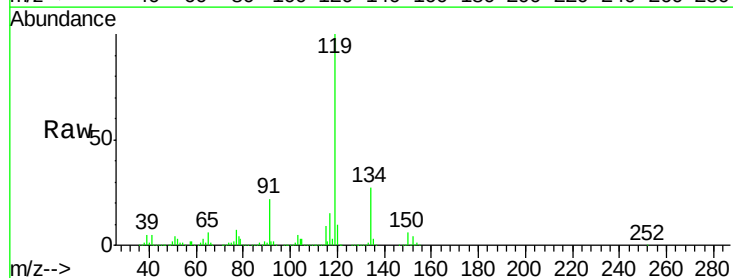
Tgt Ion:119 Resp: 555040

Ion Ratio Lower Upper

119 100

134 26.6 13.7 41.1

91 22.0 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

600000

500000

400000

300000

200000

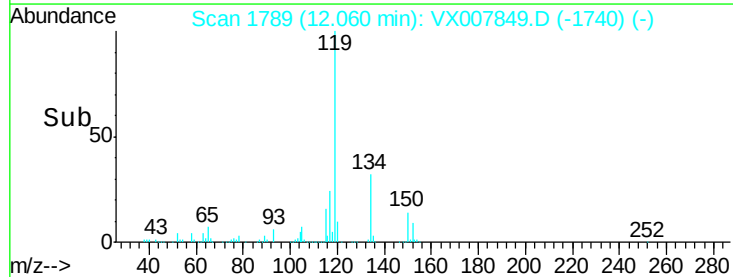
100000

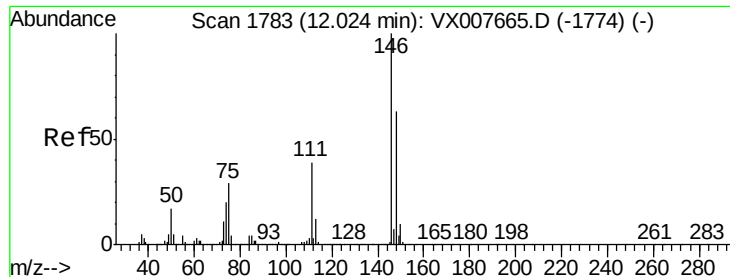
0

12.00

12.10

Time-->





#87

1,3-Dichlorobenzene

Concen: 48.754 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

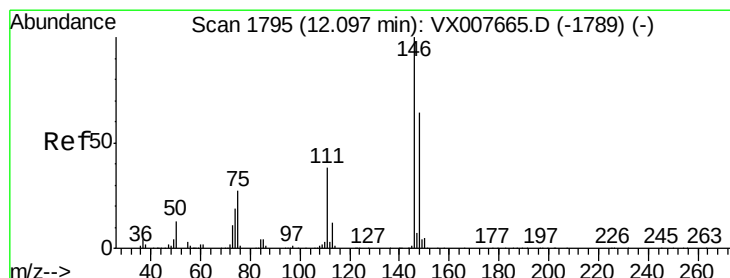
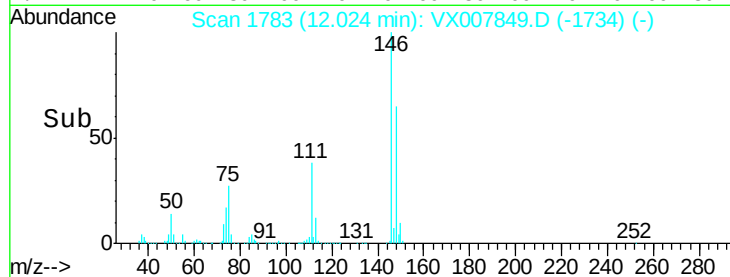
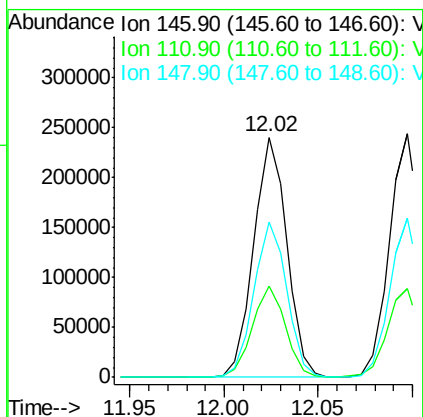
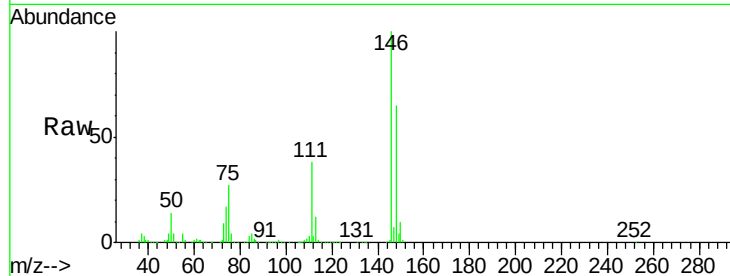
Lab File: VX007849.D

Acq: 05 Mar 2019 20:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:146 Resp: 293536

Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.1	54.1
148	64.2	32.0	96.2



#88

1,4-Dichlorobenzene

Concen: 47.654 ug/l

RT: 12.10 min Scan# 1795

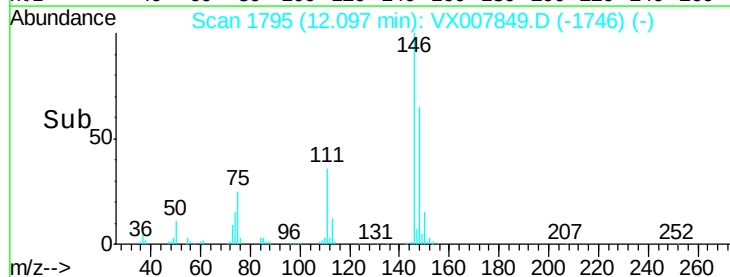
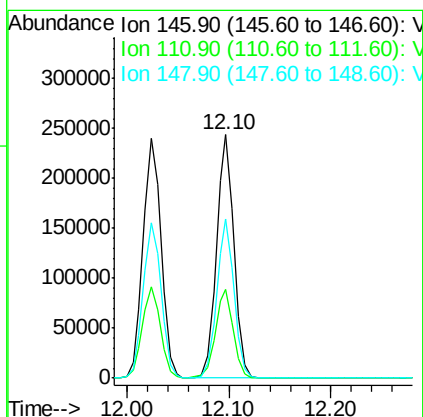
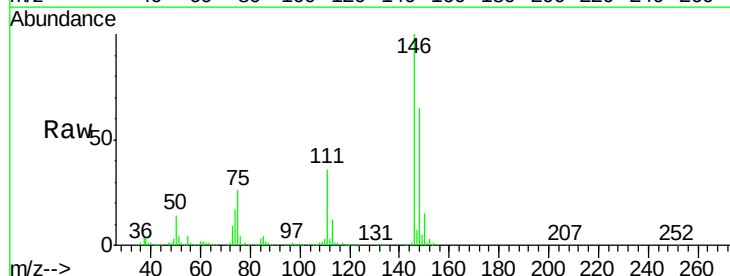
Delta R.T. 0.00 min

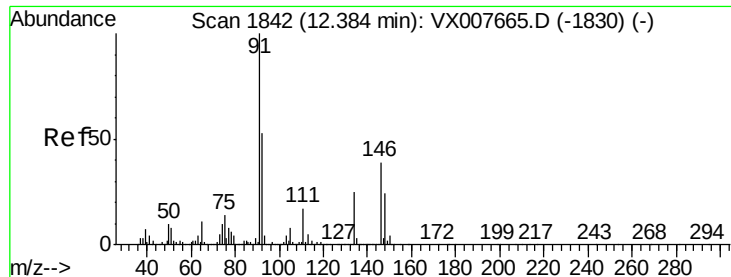
Lab File: VX007849.D

Acq: 05 Mar 2019 20:34

Tgt Ion:146 Resp: 293844

Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.1	54.1
148	64.3	32.3	96.9

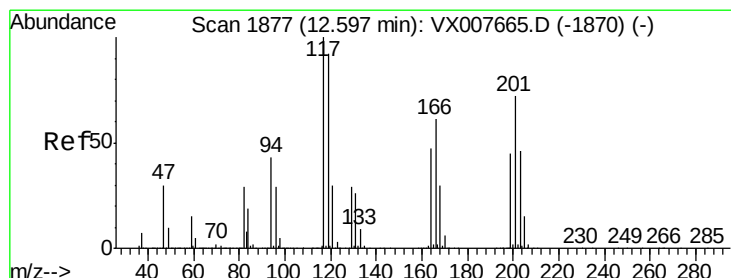
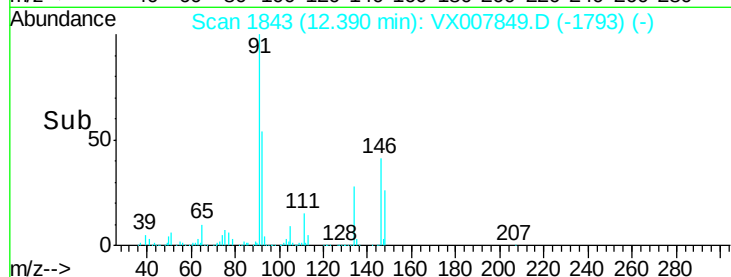
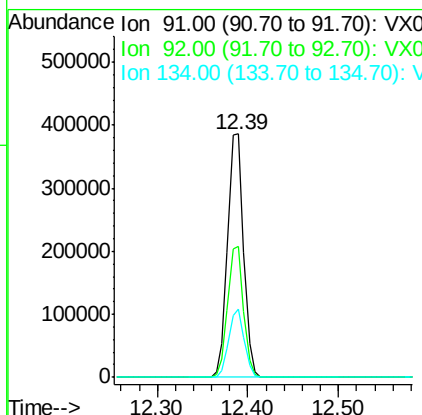
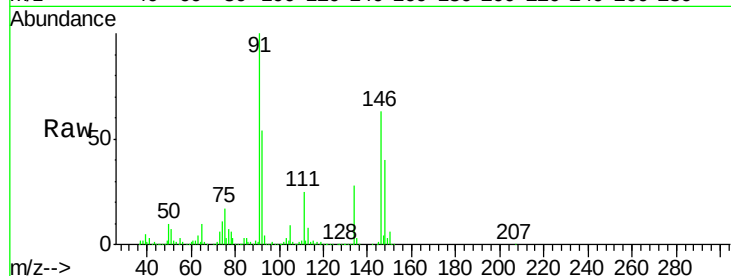




#89
n-Butylbenzene
Concen: 47.305 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007849.D
Acq: 05 Mar 2019 20:34

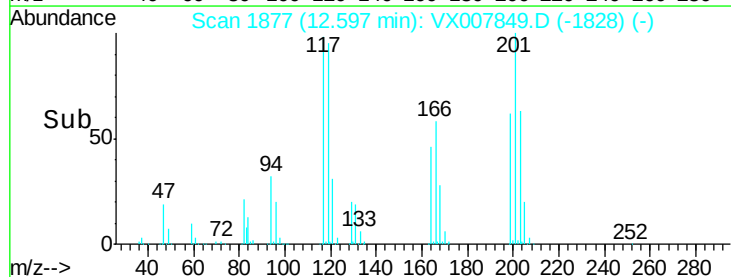
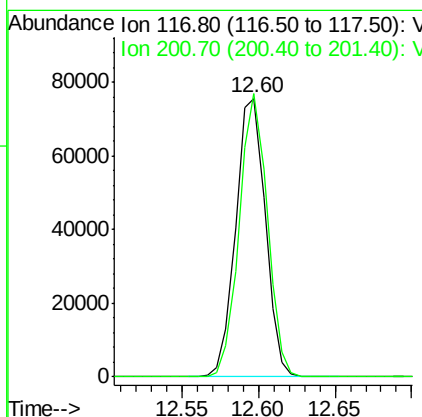
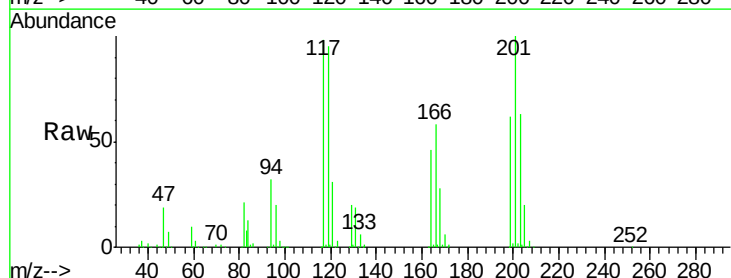
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

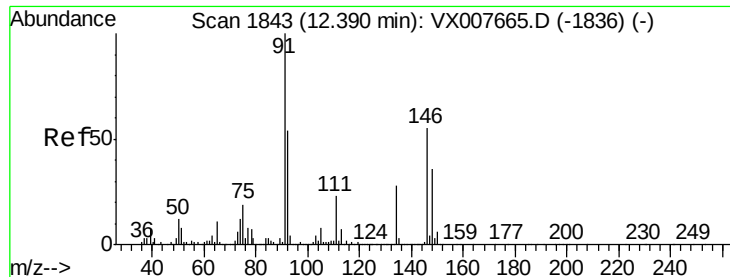
Tot Ion: 91 Resp: 473184
Ion Ratio Lower Upper
91 100
92 53.3 26.3 78.9
134 27.1 13.9 41.6



#90
Hexachloroethane
Concen: 53.726 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007849.D
Acq: 05 Mar 2019 20:34

Tgt Ion: 117 Resp: 101534
Ion Ratio Lower Upper
117 100
201 96.3 44.9 134.7

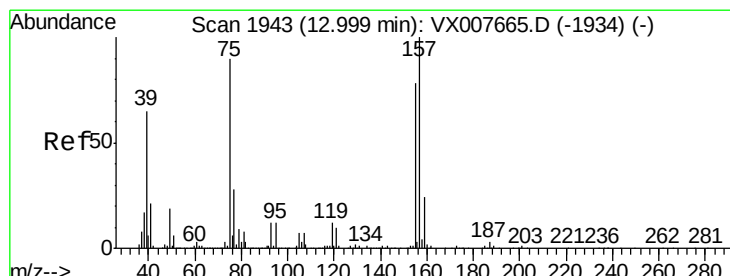
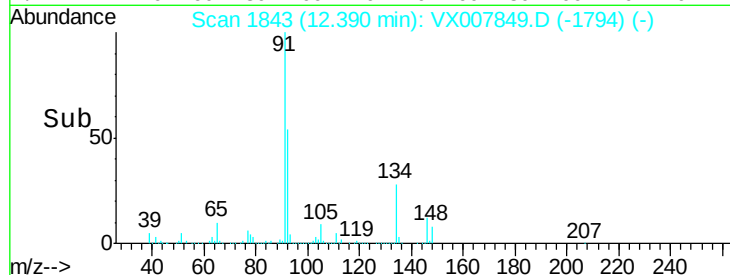
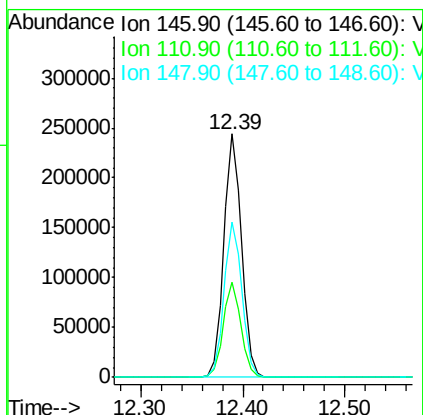
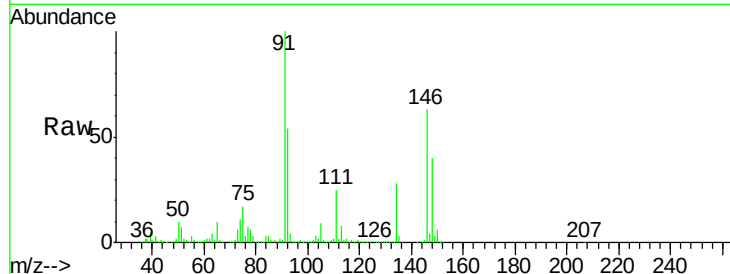




#91
 1,2-Dichlorobenzene
 Concen: 48.998 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX007849.D
 Acq: 05 Mar 2019 20:34

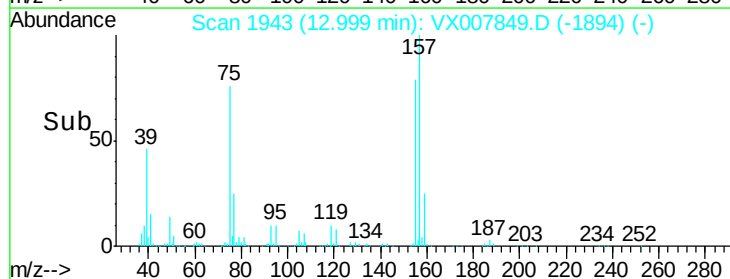
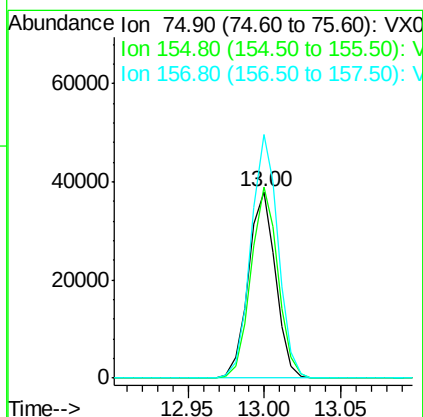
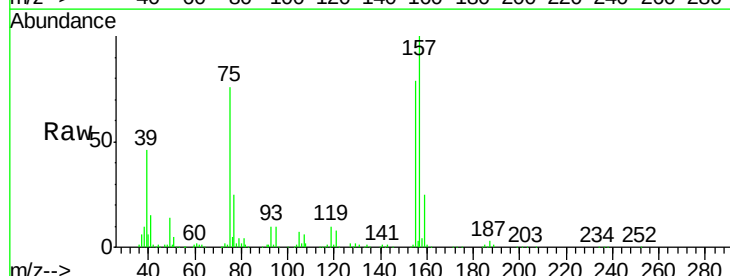
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

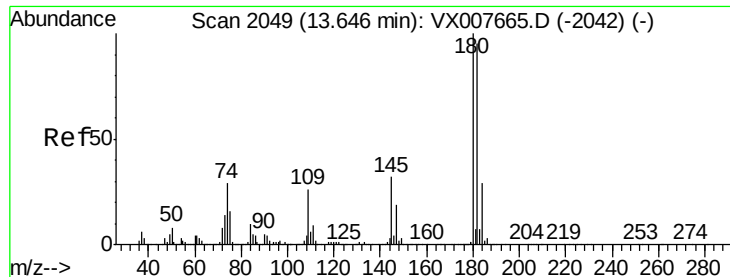
Tot Ion:146 Resp: 295174
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.1 57.3
 148 64.1 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.932 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX007849.D
 Acq: 05 Mar 2019 20:34

Tgt Ion: 75 Resp: 46745
 Ion Ratio Lower Upper
 75 100
 155 101.8 49.6 149.0
 157 131.1 65.1 195.3

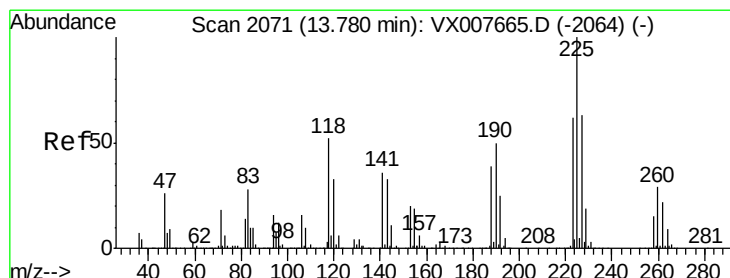
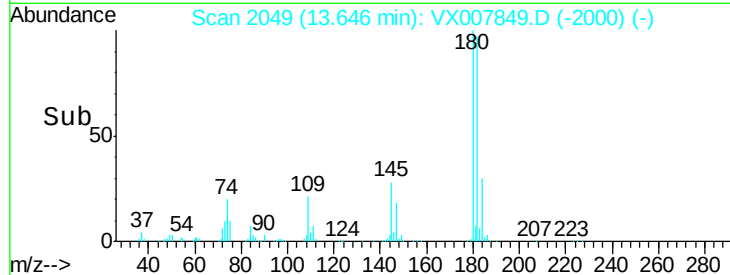
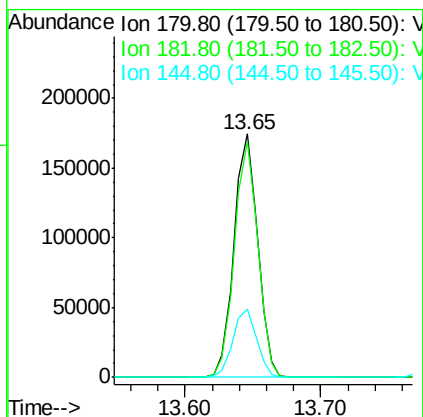
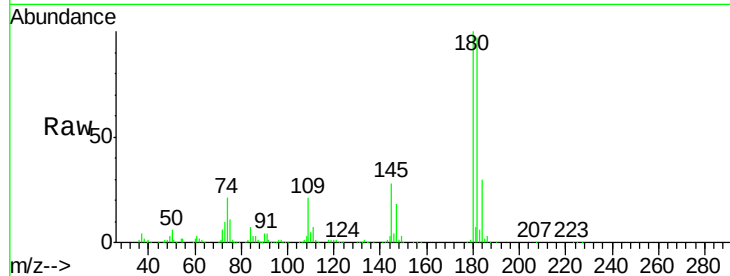




#93
 1,2,4-Trichlorobenzene
 Concen: 57.654 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007849.D
 Acq: 05 Mar 2019 20:34

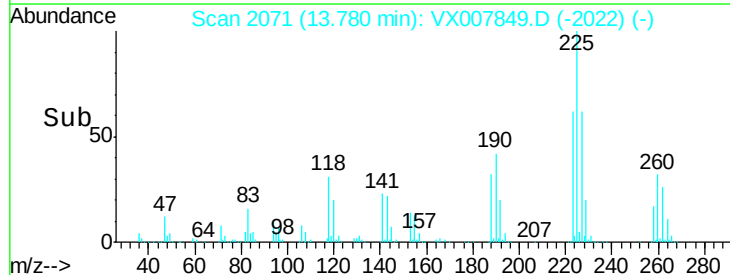
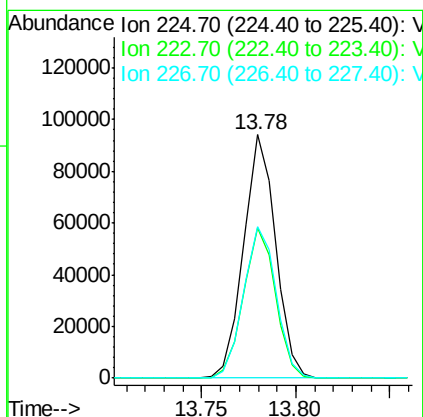
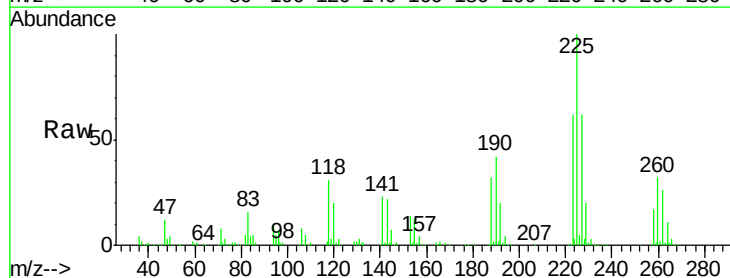
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

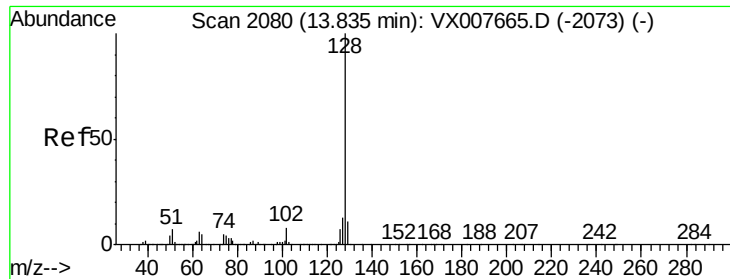
Tot Ion:180 Resp: 212006
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.8 143.3
 145 28.3 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 65.916 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007849.D
 Acq: 05 Mar 2019 20:34

Tgt Ion:225 Resp: 110884
 Ion Ratio Lower Upper
 225 100
 223 62.0 31.6 94.8
 227 63.5 32.1 96.3





#95

Naphthalene

Concen: 53.354 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007849.D

Acq: 05 Mar 2019 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

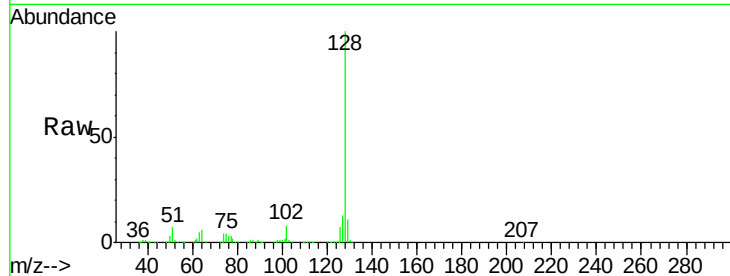
Tot Ion:128 Resp: 635639

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

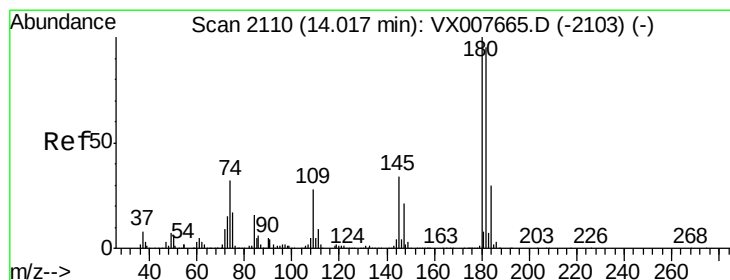
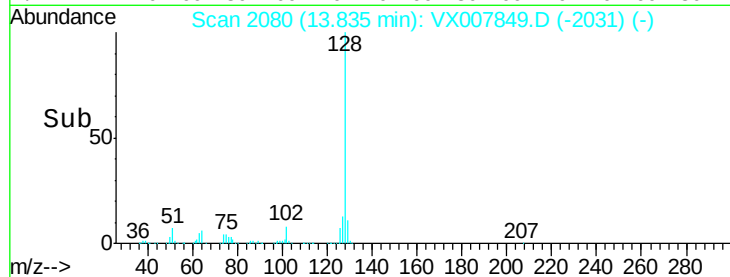
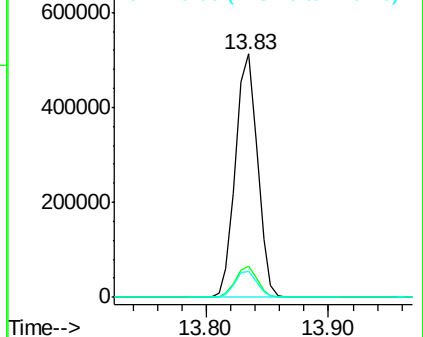
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 57.762 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007849.D

Acq: 05 Mar 2019 20:34

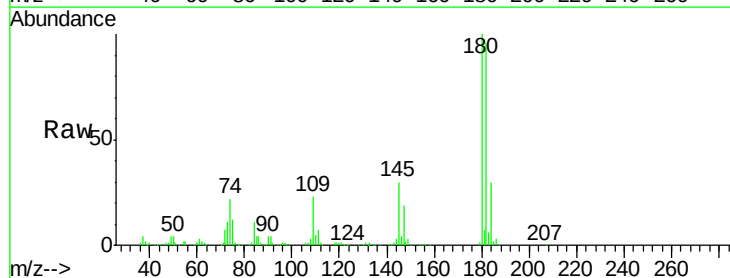
Tgt Ion:180 Resp: 213274

Ion Ratio Lower Upper

180 100

182 95.8 47.5 142.6

145 29.8 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

