

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021419\
 Data File : VX007535.D
 Acq On : 13 Feb 2019 21:50
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 14 02:41:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	458219	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	688474	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	633137	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	320291	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	231876	47.68	ug/l	0.00
Spiked Amount			Recovery	=	95.36%	
35) Dibromofluoromethane	5.50	113	219238	48.94	ug/l	0.00
Spiked Amount			Recovery	=	97.88%	
50) Toluene-d8	8.71	98	791769	47.64	ug/l	0.00
Spiked Amount			Recovery	=	95.28%	
62) 4-Bromofluorobenzene	11.13	95	281624	46.41	ug/l	0.00
Spiked Amount			Recovery	=	92.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	233803	41.553	ug/l	100
3) Chloromethane	1.33	50	219858	42.598	ug/l	99
4) Vinyl Chloride	1.41	62	237601	46.926	ug/l	99
5) Bromomethane	1.64	94	225034	44.899	ug/l	99
6) Chloroethane	1.71	64	152729	46.629	ug/l	98
7) Trichlorofluoromethane	1.93	101	366934	46.326	ug/l	99
8) Diethyl Ether	2.19	74	137617	46.161	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	204133	43.327	ug/l	98
10) Methyl Iodide	2.51	142	257000	37.081	ug/l	99
11) Tert butyl alcohol	3.08	59	277127	275.329	ug/l	97
12) 1,1-Dichloroethene	2.37	96	196863	44.997	ug/l	96
13) Acrolein	2.30	56	107843	228.486	ug/l	97
14) Allyl chloride	2.73	41	347906	48.804	ug/l	99
15) Acrylonitrile	3.15	53	638388	256.386	ug/l	99
16) Acetone	2.45	43	562470	252.467	ug/l	99
17) Carbon Disulfide	2.57	76	486824	42.869	ug/l	99
18) Methyl Acetate	2.78	43	343063	58.992	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	692112	48.830	ug/l	97
20) Methylene Chloride	2.85	84	222915	48.977	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	207398	44.501	ug/l	99
22) Diisopropyl ether	3.87	45	641527	48.924	ug/l	97
23) Vinyl Acetate	3.82	43	2711711	249.211	ug/l	98
24) 1,1-Dichloroethane	3.70	63	362537	48.144	ug/l	99
25) 2-Butanone	4.70	43	833449	262.871	ug/l	99
26) 2,2-Dichloropropane	4.59	77	237563	41.425	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	237855	46.726	ug/l	100
28) Bromochloromethane	5.03	49	170593	49.263	ug/l	100
29) Tetrahydrofuran	5.15	42	538661	270.132	ug/l	100
30) Chloroform	5.21	83	375760	47.820	ug/l	97
31) Cyclohexane	5.57	56	297552	43.996	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	327811	49.423	ug/l	99
36) 1,1-Dichloropropene	5.80	75	264521	42.822	ug/l	99
37) Ethyl Acetate	4.85	43	305762	48.966	ug/l	99
38) Carbon Tetrachloride	5.78	117	290229	48.429	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021419\
 Data File : VX007535.D
 Acq On : 13 Feb 2019 21:50
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 14 02:41:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	308751	41.311	ug/l	99
40) Benzene	6.14	78	837504	46.026	ug/l	99
41) Methacrylonitrile	5.06	41	171044	51.108	ug/l	99
42) 1,2-Dichloroethane	6.20	62	287306	45.634	ug/l	100
43) Isopropyl Acetate	6.46	43	488215	50.653	ug/l	100
44) Trichloroethene	7.21	130	241781	44.118	ug/l	97
45) 1,2-Dichloropropane	7.52	63	217730	47.757	ug/l	100
46) Dibromomethane	7.66	93	151916	45.846	ug/l	99
47) Bromodichloromethane	7.90	83	274620	48.901	ug/l	98
48) Methyl methacrylate	7.77	41	250010	51.858	ug/l	98
49) 1,4-Dioxane	7.75	88	119960	1093.475	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1632000	257.211	ug/l	100
52) Toluene	8.79	92	531154	45.243	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	300203	49.767	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	323244	48.728	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	233948	47.805	ug/l	96
56) Ethyl methacrylate	9.18	69	342035	50.463	ug/l	99
57) 1,3-Dichloropropane	9.37	76	362733	46.609	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	908095	254.188	ug/l	99
59) 2-Hexanone	9.49	43	1238671	250.872	ug/l	99
60) Dibromochloromethane	9.59	129	245820	53.112	ug/l	98
61) 1,2-Dibromoethane	9.67	107	246660	47.594	ug/l	99
64) Tetrachloroethene	9.34	164	240465	40.296	ug/l	99
65) Chlorobenzene	10.14	112	624640	45.211	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	230974	49.863	ug/l	99
67) Ethyl Benzene	10.25	91	1026222	46.124	ug/l	99
68) m/p-Xylenes	10.36	106	808480	91.411	ug/l	99
69) o-Xylene	10.69	106	396764	46.620	ug/l	100
70) Styrene	10.71	104	645712	46.783	ug/l	99
71) Bromoform	10.86	173	184297	45.736	ug/l	100
73) Isopropylbenzene	11.02	105	1049418	48.215	ug/l	99
74) N-amyl acetate	10.90	43	435355	51.713	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	340197	51.287	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	385112	61.815	ug/l	80
77) Bromobenzene	11.26	156	285999	46.636	ug/l	100
78) n-propylbenzene	11.36	91	1166061	48.856	ug/l	99
79) 2-Chlorotoluene	11.42	91	681313	47.045	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	853686	47.942	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	94441	47.121	ug/l	96
82) 4-Chlorotoluene	11.51	91	794511	47.413	ug/l	100
83) tert-Butylbenzene	11.77	119	857022	48.612	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	873839	48.337	ug/l	99
85) sec-Butylbenzene	11.94	105	1032553	48.391	ug/l	99
86) p-Isopropyltoluene	12.06	119	930758	48.322	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	496635	45.125	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	502329	44.988	ug/l	99
89) n-Butylbenzene	12.39	91	776529	46.865	ug/l	100
90) Hexachloroethane	12.60	117	152868	53.029	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	490329	44.767	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	77102	55.901	ug/l	97

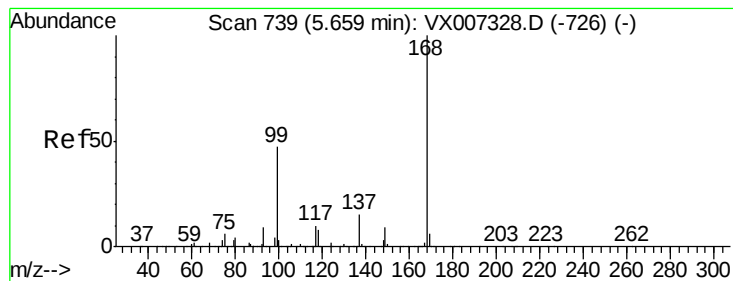
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX021419\
Data File : VX007535.D
Acq On : 13 Feb 2019 21:50
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Feb 14 02:41:01 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	341318	46.208	ug/l	99
94) Hexachlorobutadiene	13.78	225	161547	45.040	ug/l	100
95) Naphthalene	13.83	128	1084657	50.214	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	345434	46.459	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

Instrument :

MSVOA_X

ClientSampleId :

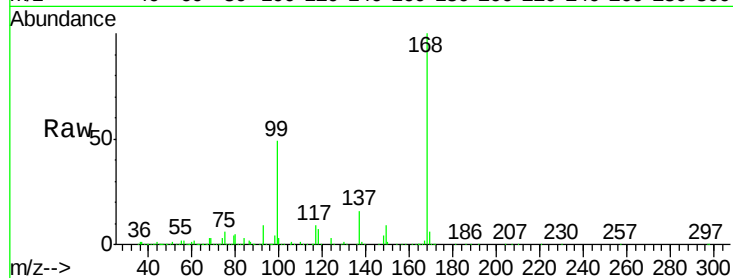
VSTDCCC050EC

Tot Ion:168 Resp: 458219

Ion Ratio Lower Upper

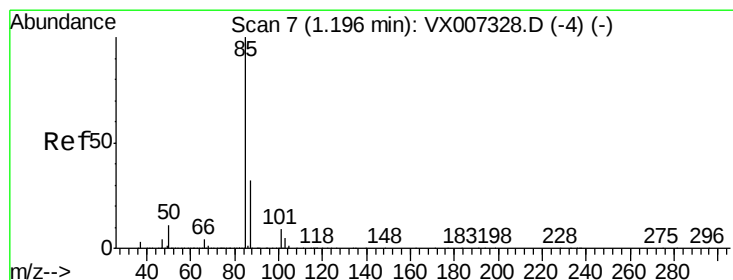
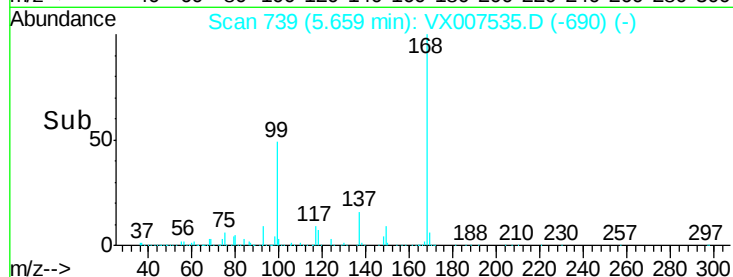
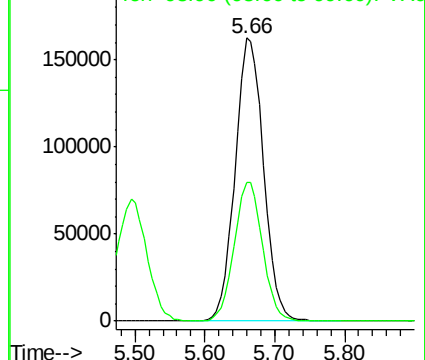
168 100

99 48.9 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 41.553 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007535.D

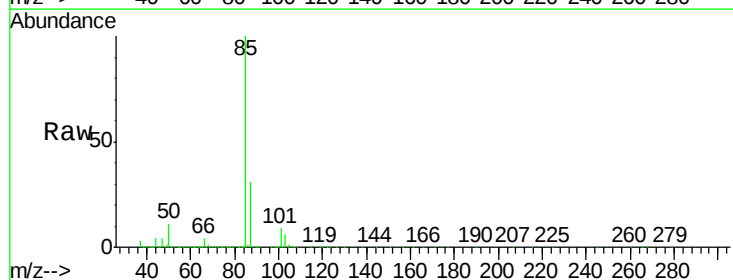
Acq: 13 Feb 2019 21:50

Tgt Ion: 85 Resp: 233803

Ion Ratio Lower Upper

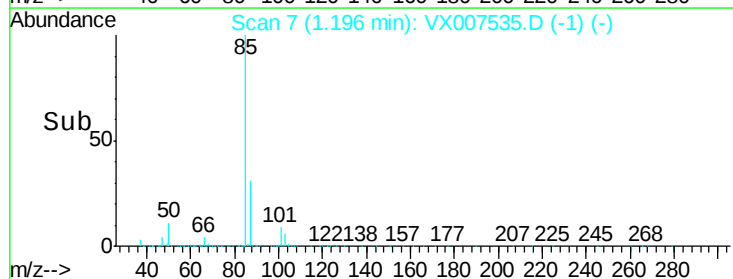
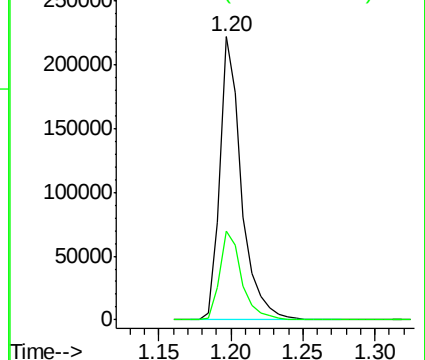
85 100

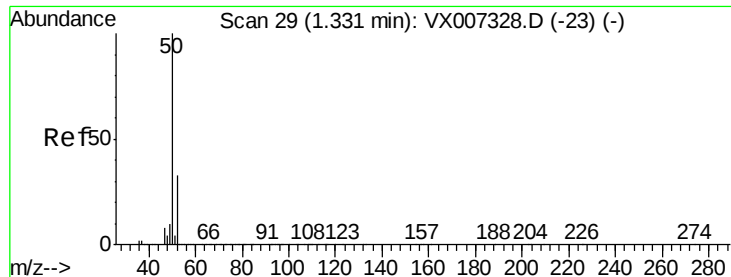
87 31.4 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

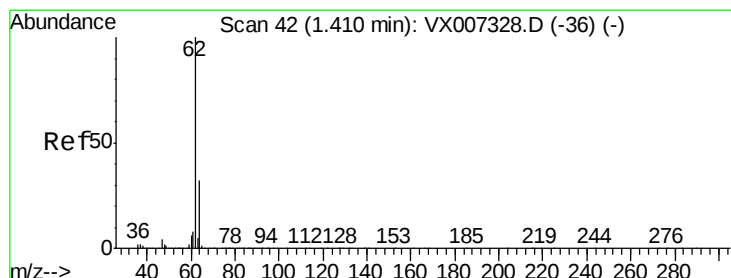
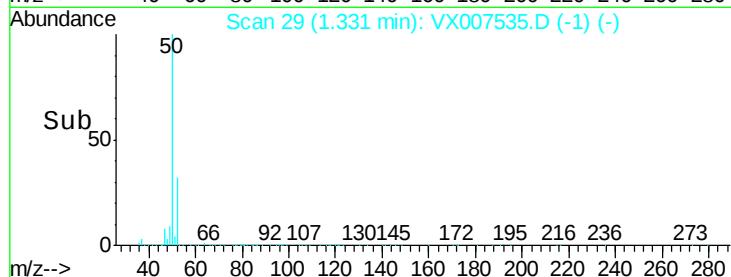
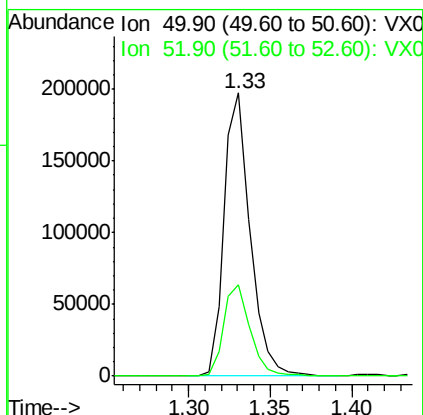
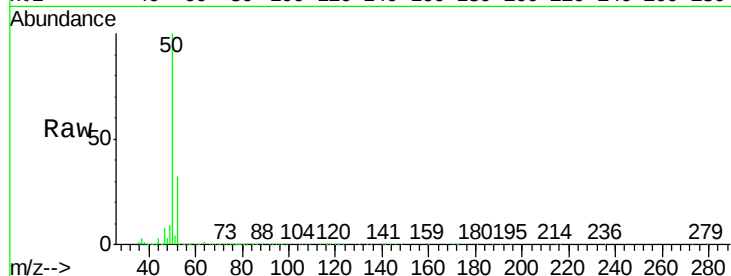




#3
Chloromethane
Concen: 42.598 ug/l
RT: 1.33 min Scan# 29
Delta R.T. -0.00 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

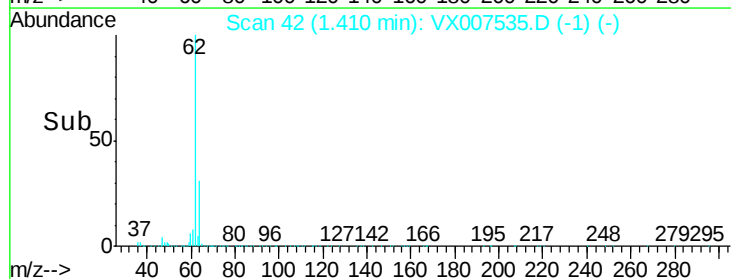
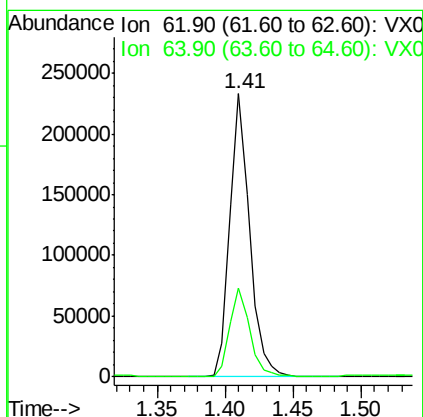
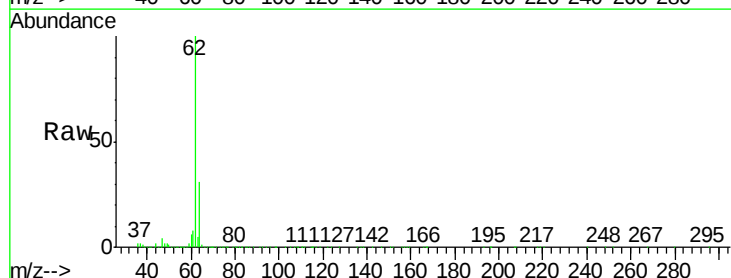
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

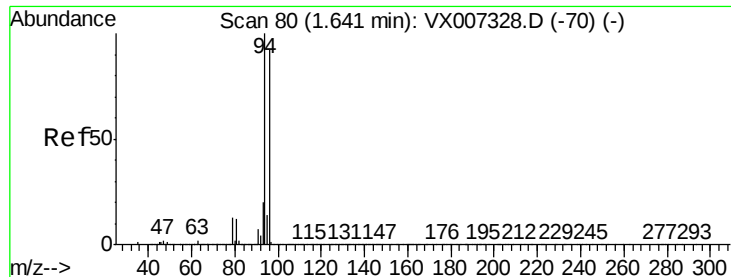
Tot Ion: 50 Resp: 219858
Ion Ratio Lower Upper
50 100
52 32.2 26.1 39.1



#4
Vinyl Chloride
Concen: 46.926 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

Tgt Ion: 62 Resp: 237601
Ion Ratio Lower Upper
62 100
64 31.2 25.4 38.0





#5

Bromomethane

Concen: 44.899 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

Instrument :

MSVOA_X

ClientSampleId :

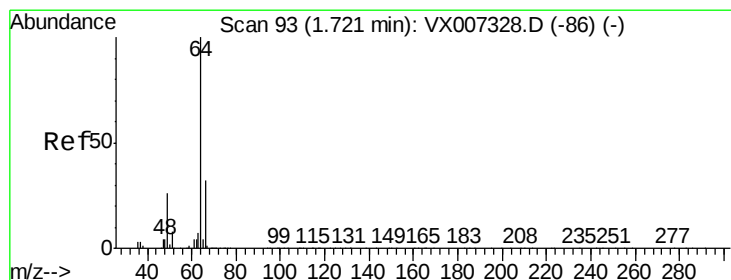
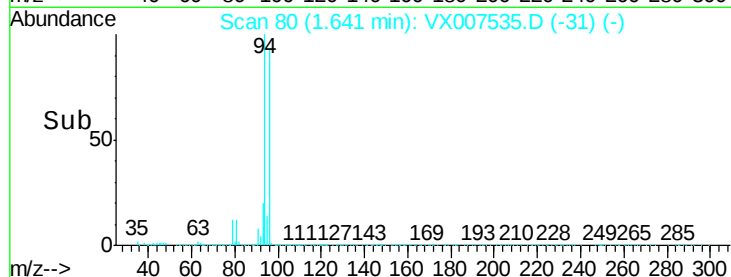
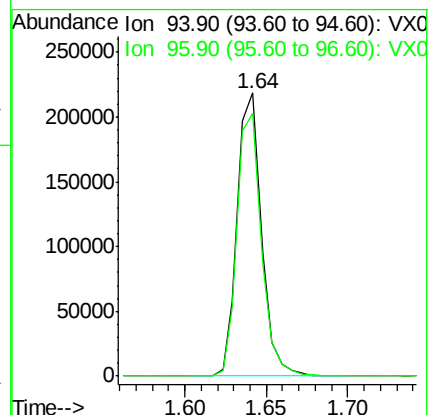
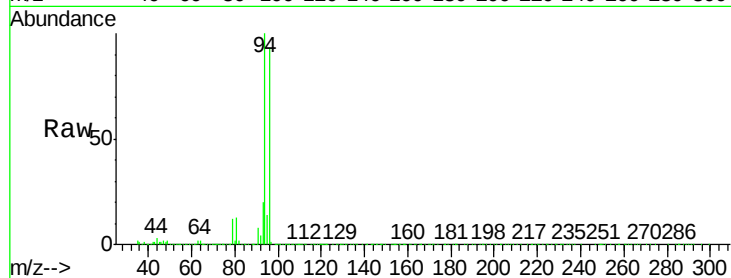
VSTDCCC050EC

Tot Ion: 94 Resp: 225034

Ion Ratio Lower Upper

94 100

96 93.1 73.9 110.9



#6

Chloroethane

Concen: 46.629 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX007535.D

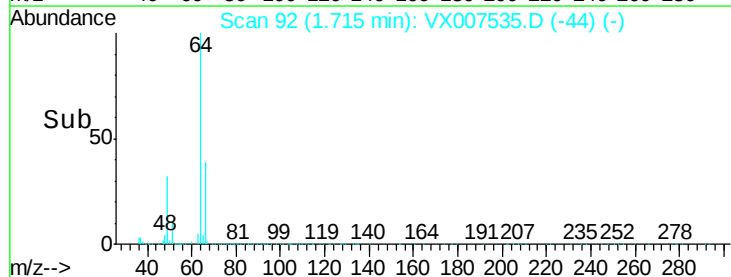
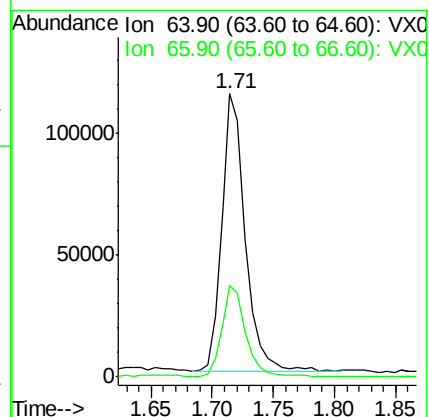
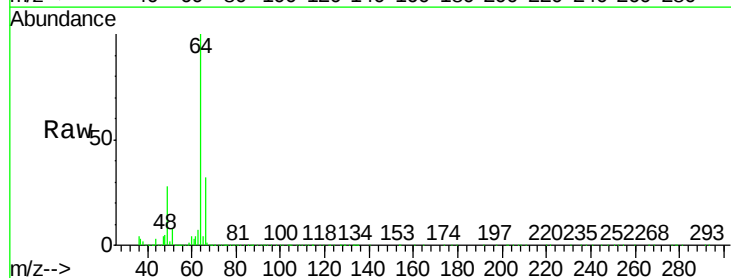
Acq: 13 Feb 2019 21:50

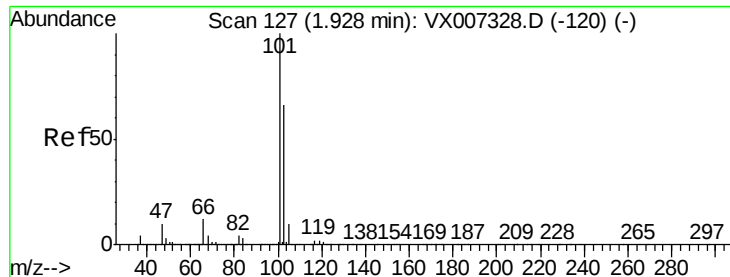
Tgt Ion: 64 Resp: 152729

Ion Ratio Lower Upper

64 100

66 32.9 25.5 38.3



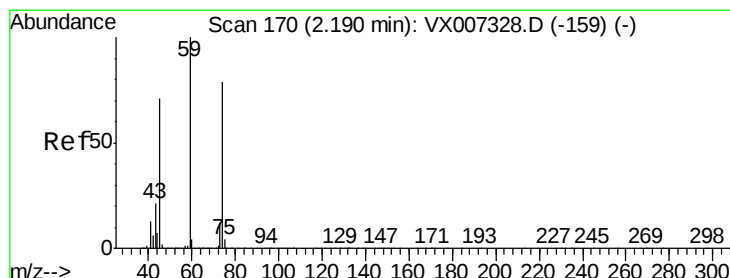
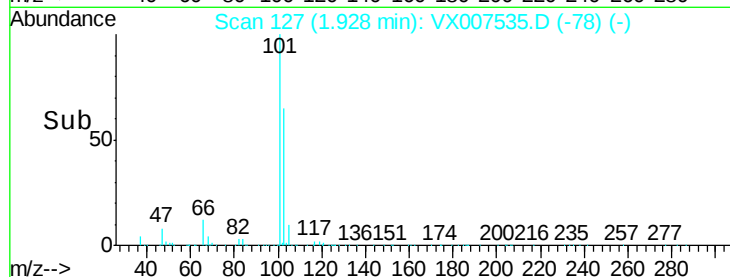
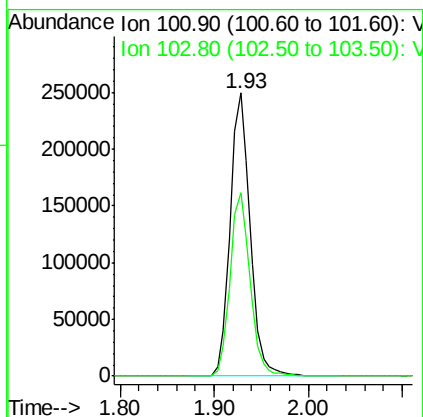
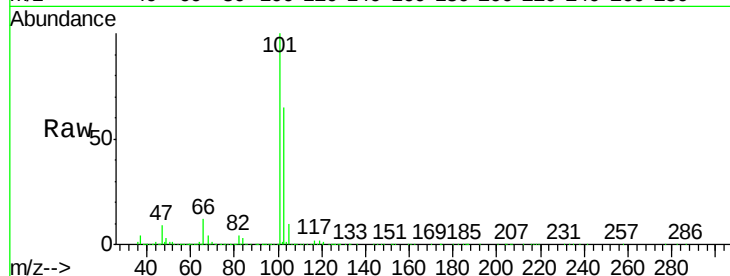


#7

Trichlorofluoromethane
Concen: 46.326 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

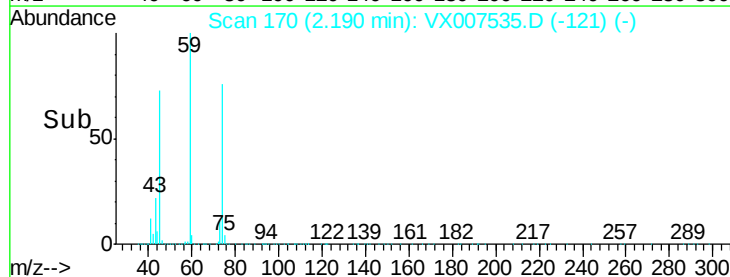
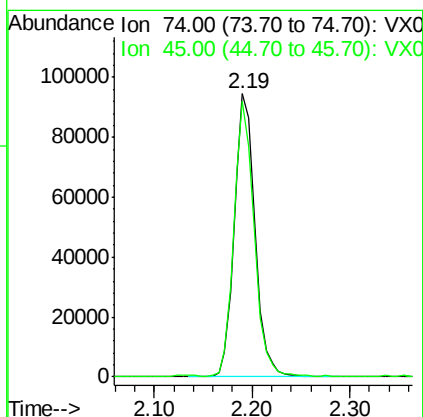
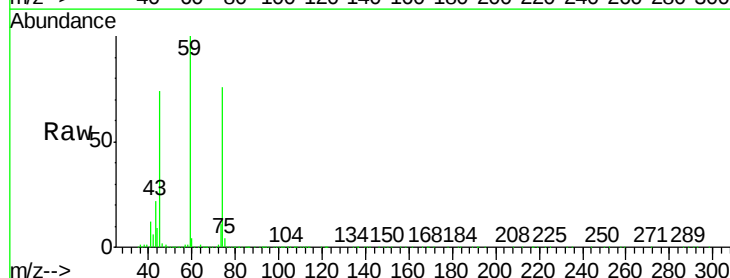
Tot Ion:101 Resp: 366934
Ion Ratio Lower Upper
101 100
103 64.9 52.6 79.0

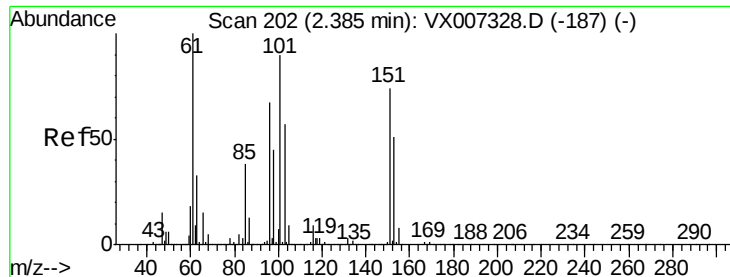


#8

Diethyl Ether
Concen: 46.161 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

Tgt Ion: 74 Resp: 137617
Ion Ratio Lower Upper
74 100
45 95.6 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.327 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

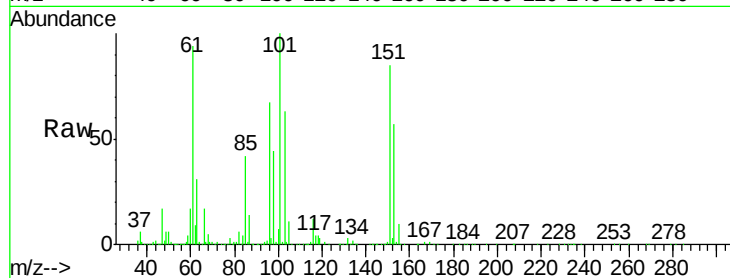
Tot Ion:101 Resp: 204133

Ion Ratio Lower Upper

101 100

85 43.3 34.1 51.1

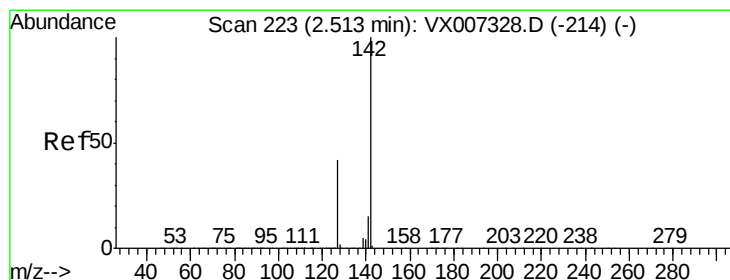
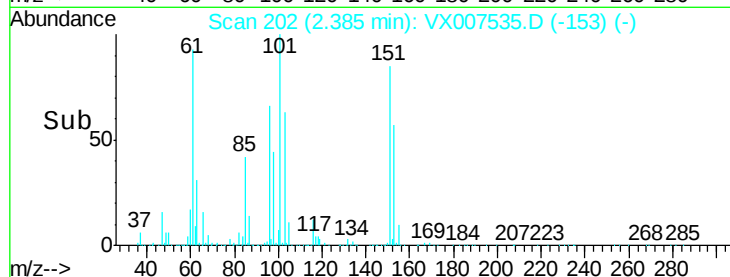
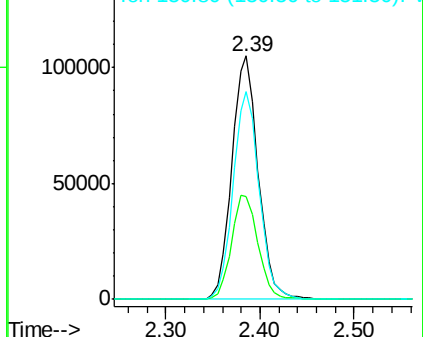
151 84.7 69.9 104.9



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: 37.081 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

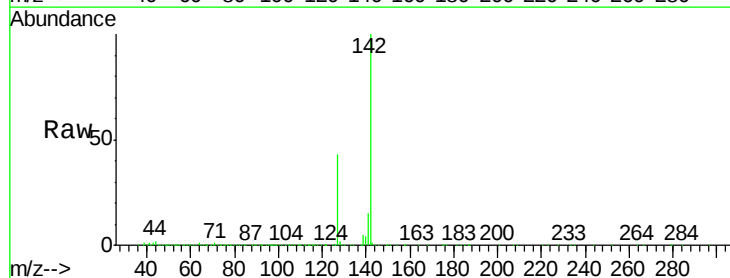
Tgt Ion:142 Resp: 257000

Ion Ratio Lower Upper

142 100

127 42.8 33.7 50.5

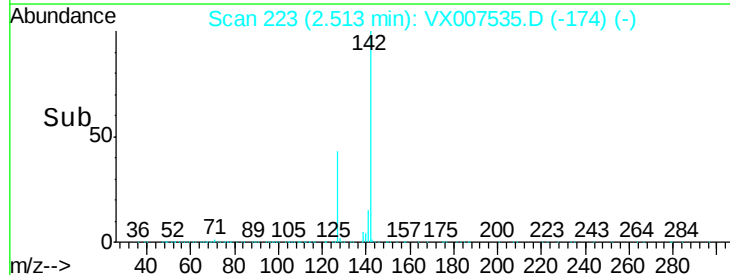
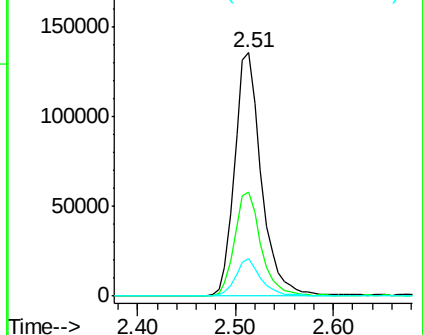
141 14.6 11.3 16.9

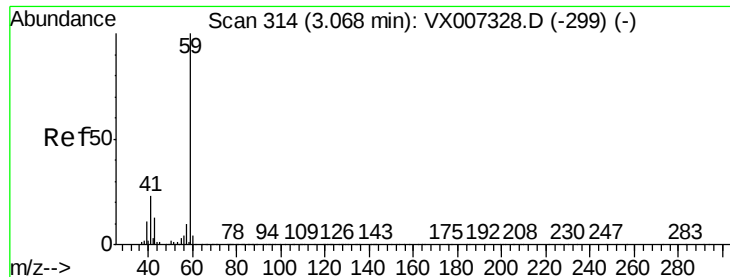


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



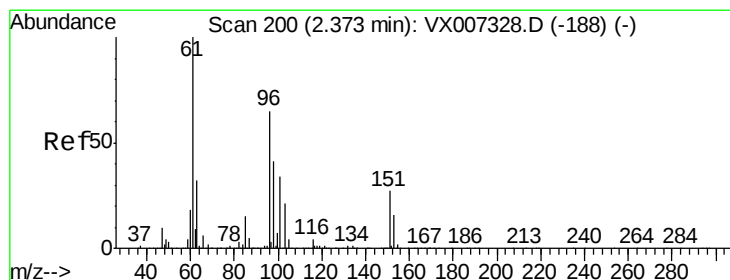
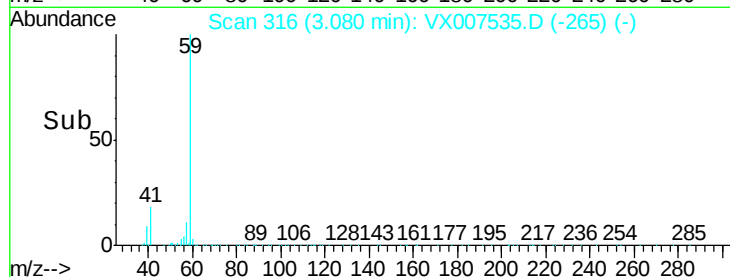
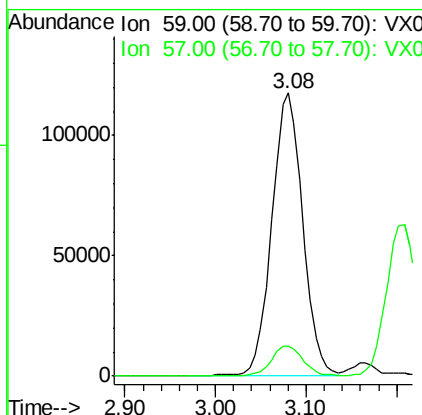
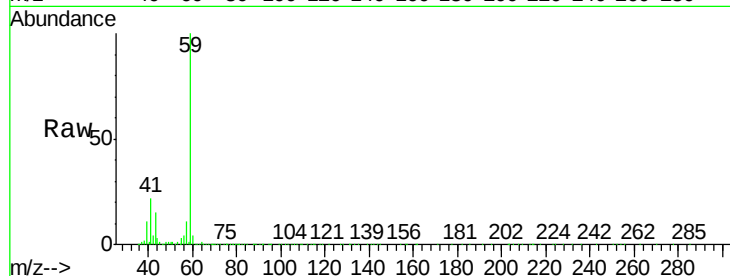


#11

Tert butyl alcohol
Concen: 275.329 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

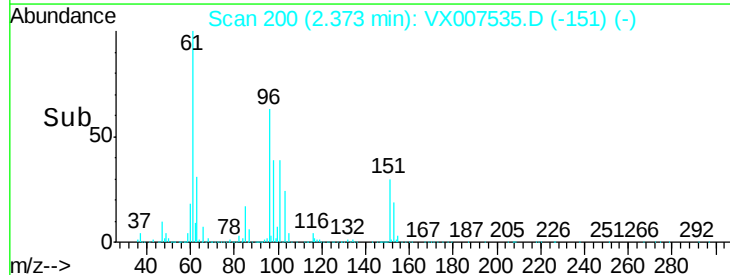
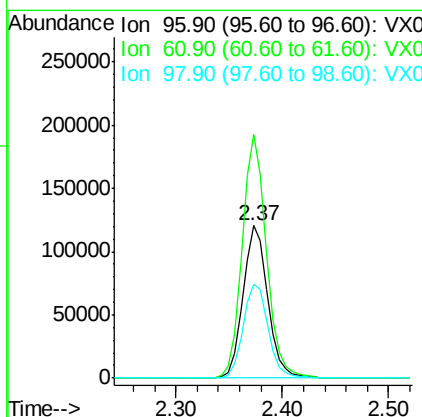
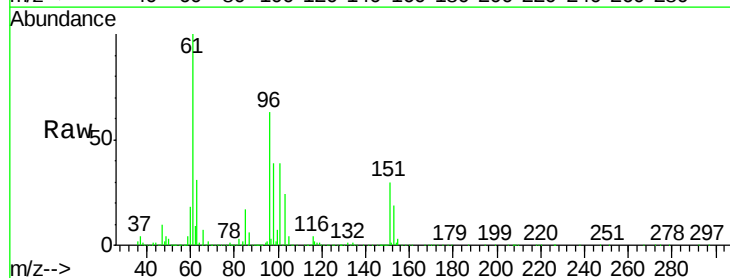
Tot Ion: 59 Resp: 277127
Ion Ratio Lower Upper
59 100
57 11.0 8.1 12.1

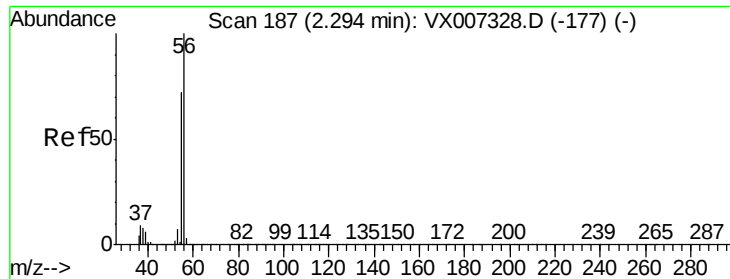


#12

1,1-Dichloroethene
Concen: 44.997 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

Tgt Ion: 96 Resp: 196863
Ion Ratio Lower Upper
96 100
61 159.4 123.0 184.4
98 61.6 50.9 76.3





#13

Acrolein

Concen: 228.486 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

Instrument :

MSVOA_X

ClientSampleId :

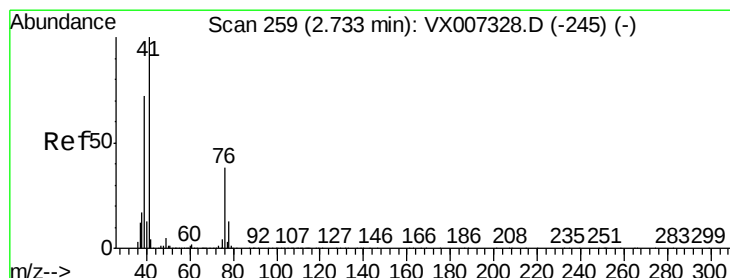
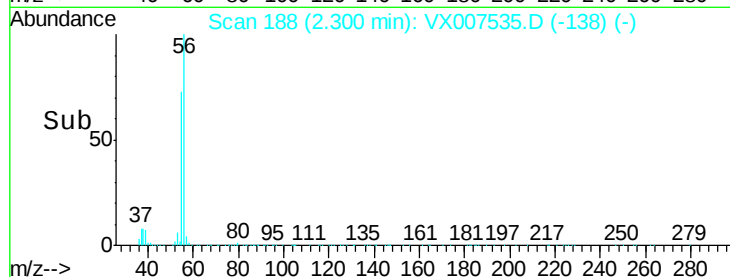
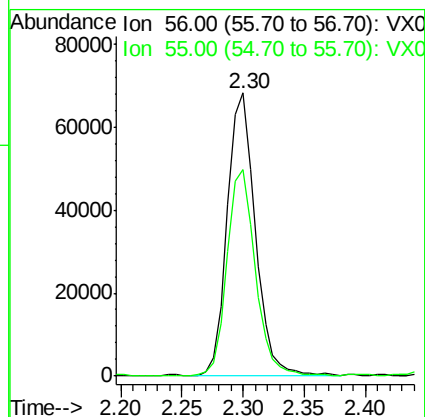
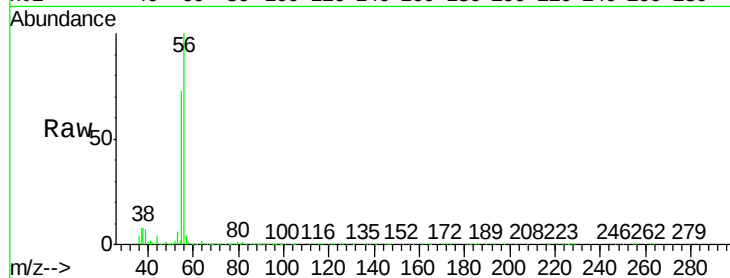
VSTDCCC050EC

Tot Ion: 56 Resp: 107843

Ion Ratio Lower Upper

56 100

55 73.6 56.9 85.3



#14

Allyl chloride

Concen: 48.804 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

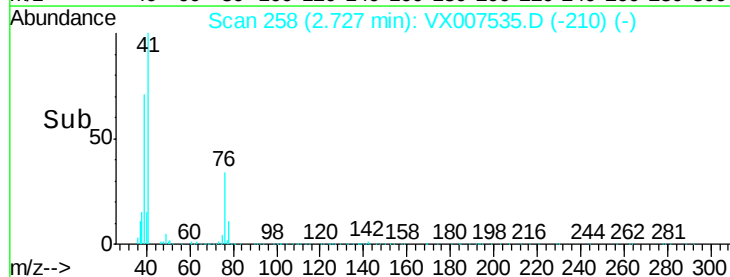
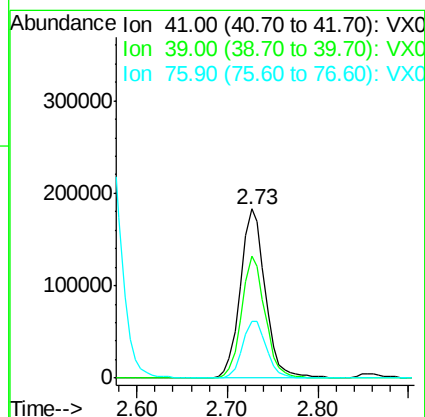
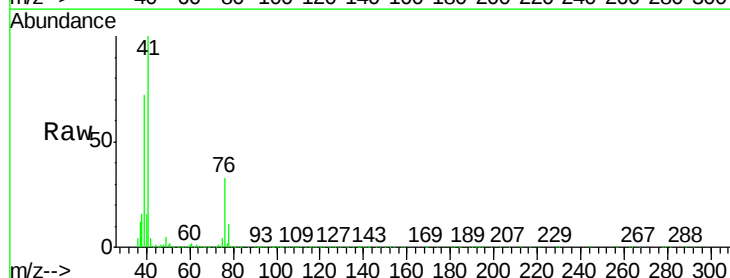
Tgt Ion: 41 Resp: 347906

Ion Ratio Lower Upper

41 100

39 67.8 54.1 81.1

76 32.9 27.8 41.8





#15

Acrylonitrile

Concen: 256.386 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

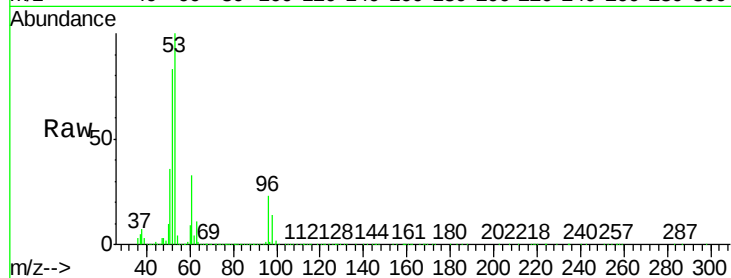
Tot Ion: 53 Resp: 638388

Ion Ratio Lower Upper

53 100

52 82.6 66.4 99.6

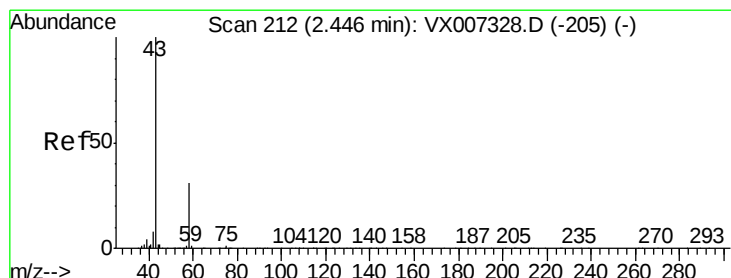
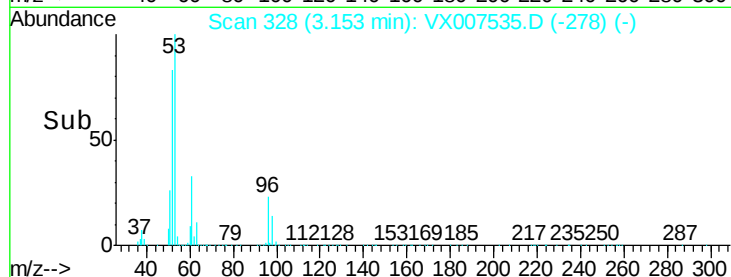
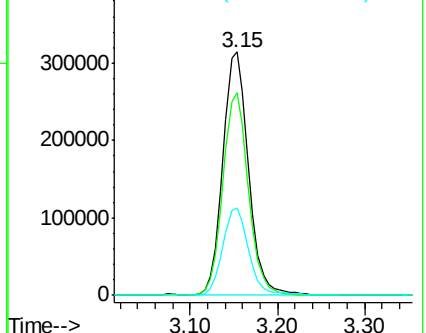
51 36.3 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 252.467 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX007535.D

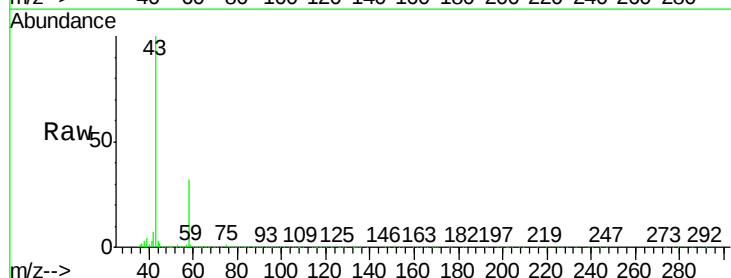
Acq: 13 Feb 2019 21:50

Tgt Ion: 43 Resp: 562470

Ion Ratio Lower Upper

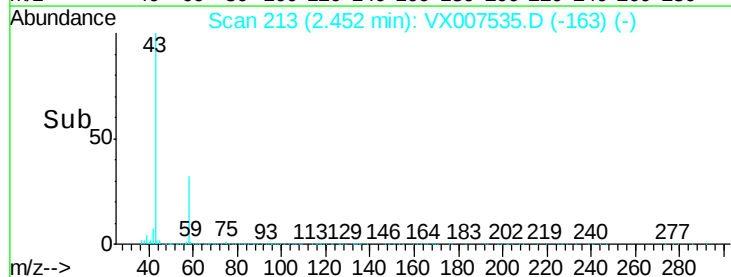
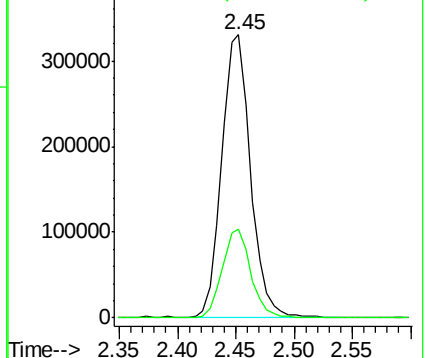
43 100

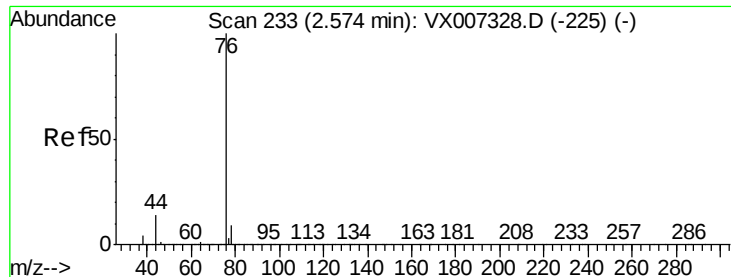
58 31.5 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 42.869 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.01 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

Instrument :

MSVOA_X

ClientSampleId :

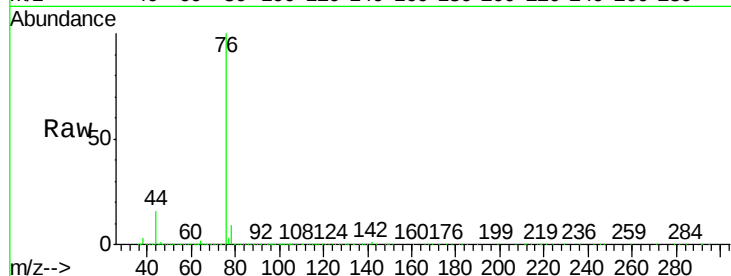
VSTDCCC050EC

Tot Ion: 76 Resp: 486824

Ion Ratio Lower Upper

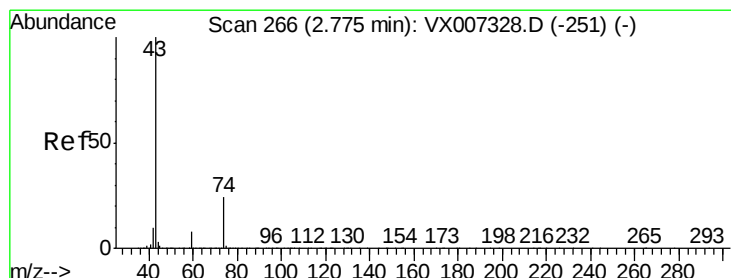
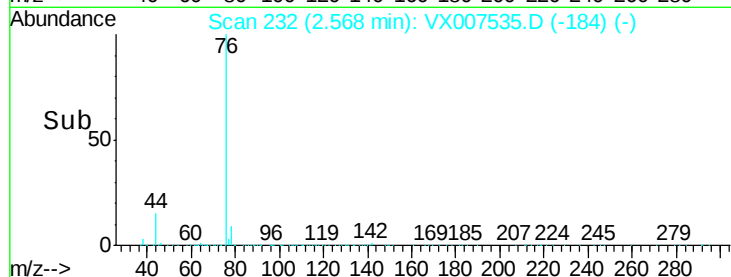
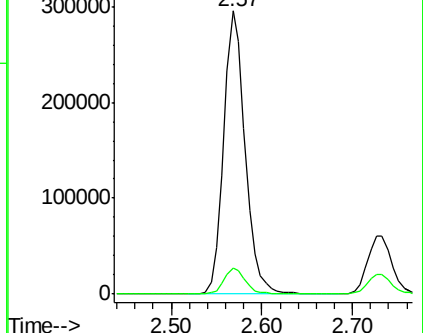
76 100

78 9.3 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 58.992 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX007535.D

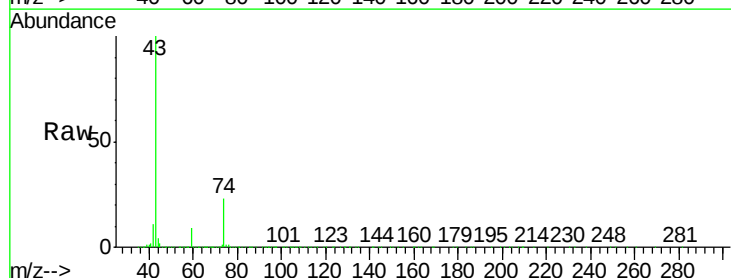
Acq: 13 Feb 2019 21:50

Tgt Ion: 43 Resp: 343063

Ion Ratio Lower Upper

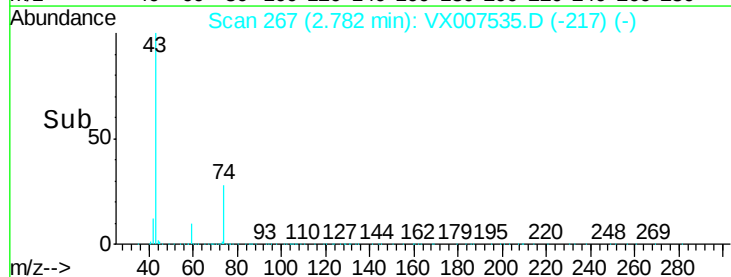
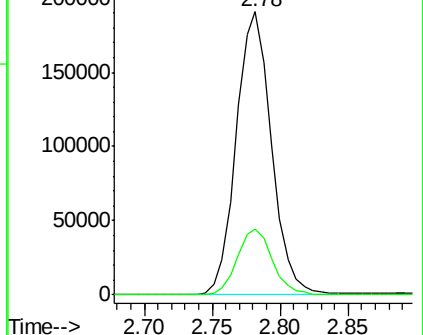
43 100

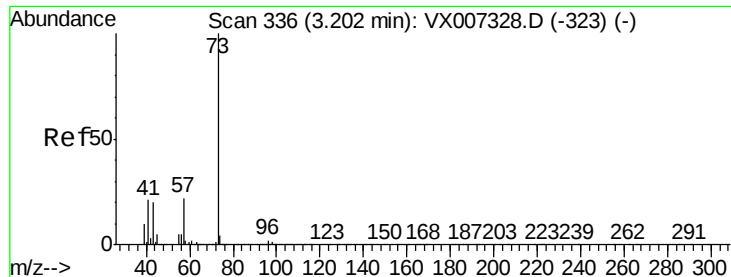
74 23.7 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

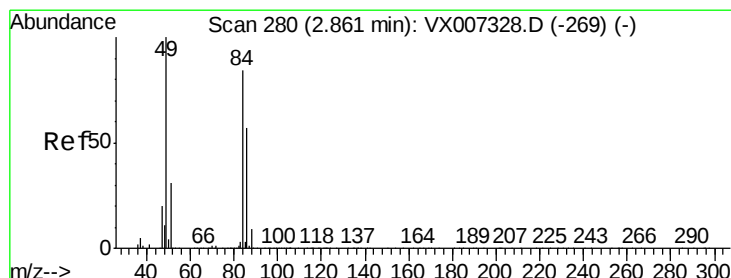
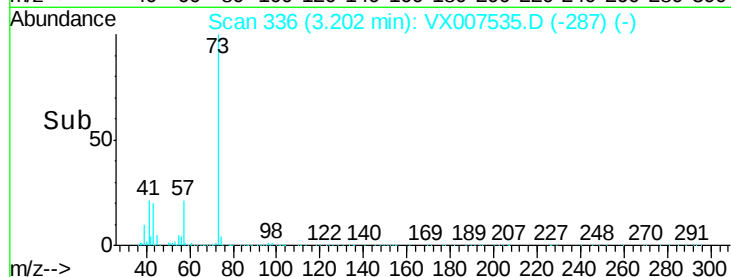
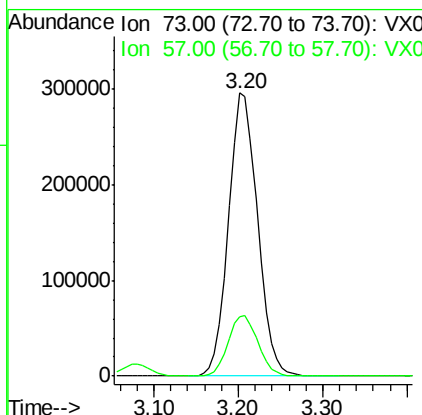
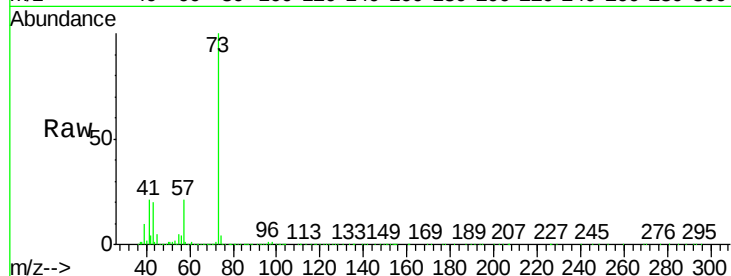




#19
Methvl tert-butvl Ether
Concen: 48.830 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

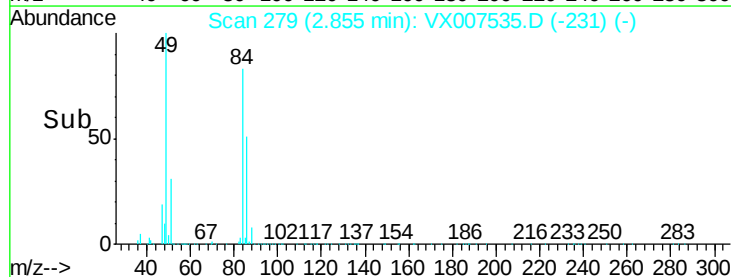
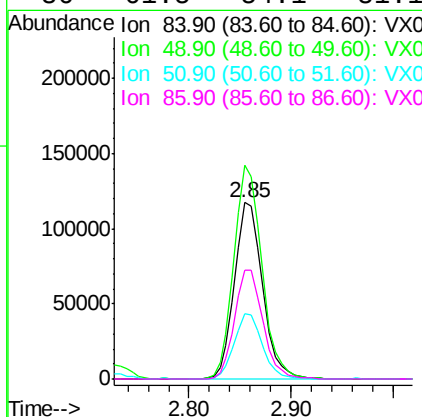
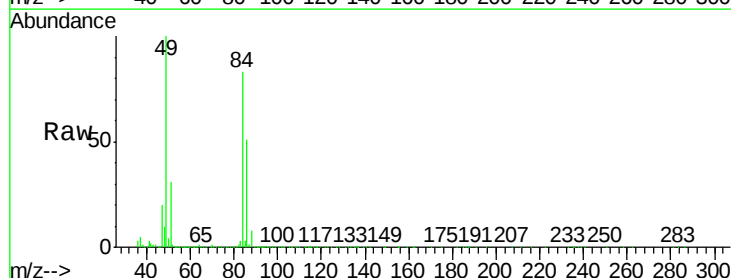
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

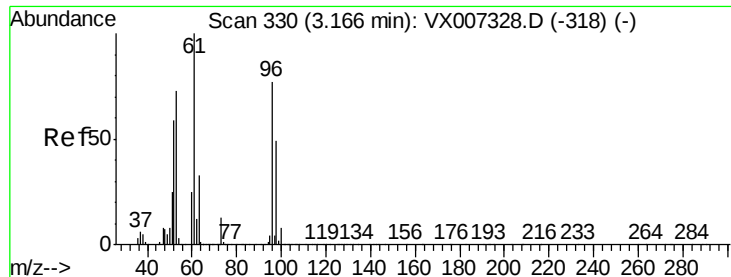
Tot Ion: 73 Resp: 692112
Ion Ratio Lower Upper
73 100
57 21.1 17.8 26.8



#20
Methylene Chloride
Concen: 48.977 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

Tgt Ion: 84 Resp: 222915
Ion Ratio Lower Upper
84 100
49 120.9 94.8 142.2
51 37.1 29.8 44.8
86 61.5 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 44.501 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

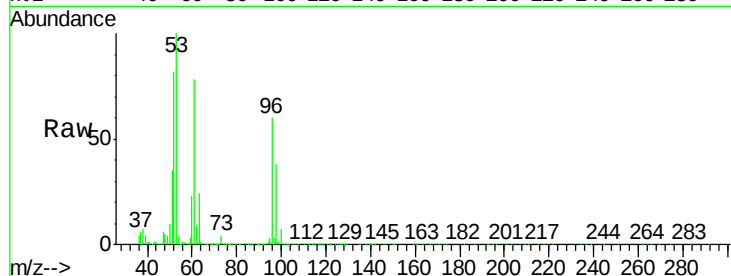
Tot Ion: 96 Resp: 207398

Ion Ratio Lower Upper

96 100

61 129.0 104.6 156.8

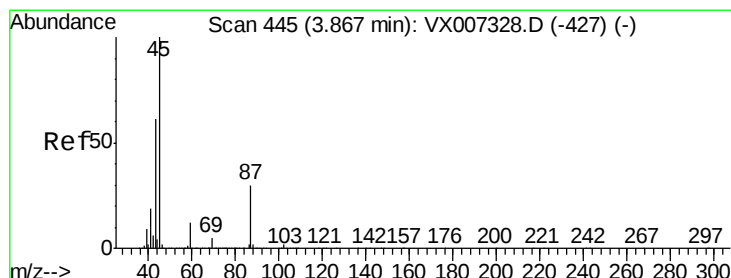
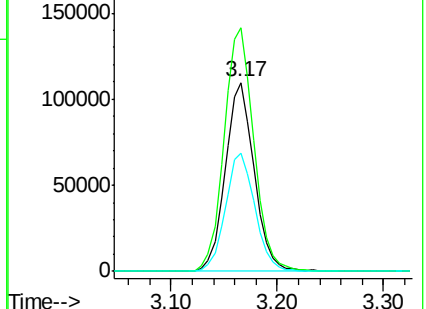
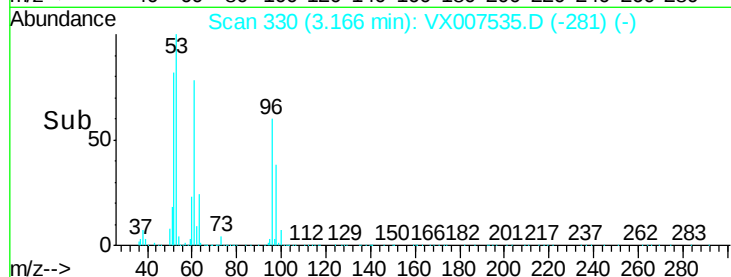
98 62.4 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 48.924 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

Tgt Ion: 45 Resp: 641527

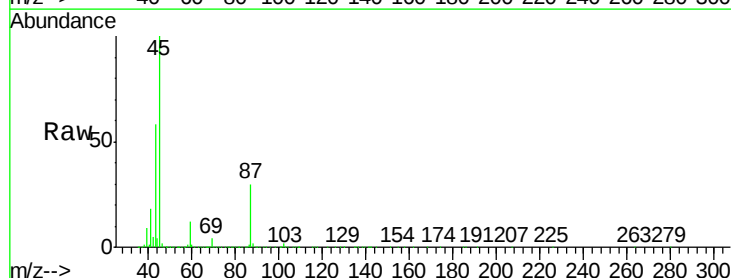
Ion Ratio Lower Upper

45 100

43 58.1 48.9 73.3

87 29.5 23.9 35.9

59 12.1 9.6 14.4

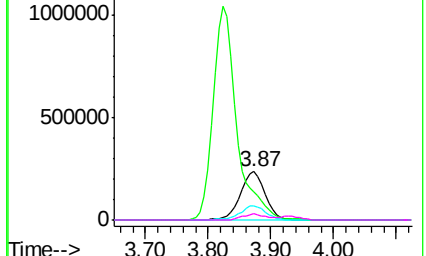
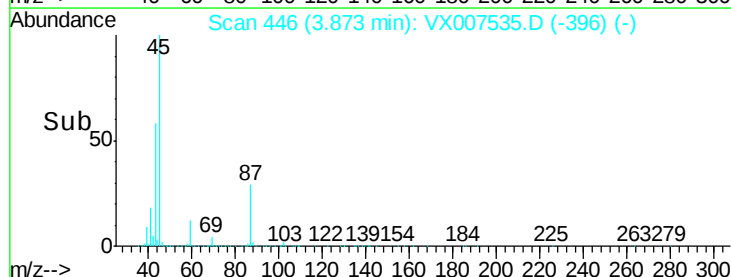


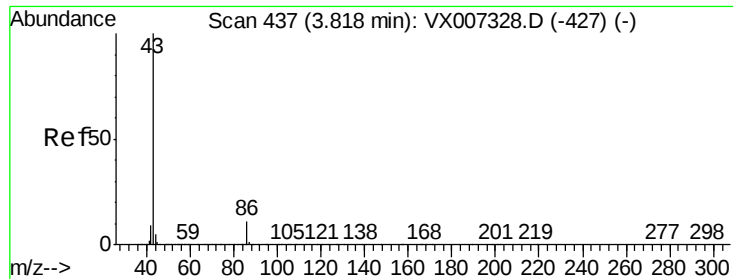
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 249.211 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

Instrument :

MSVOA_X

ClientSampleId :

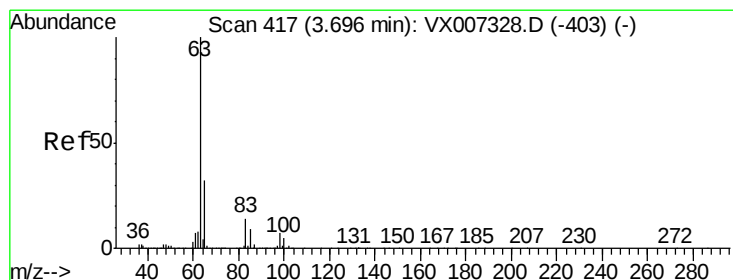
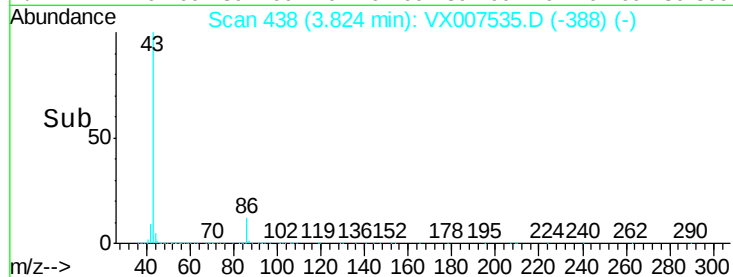
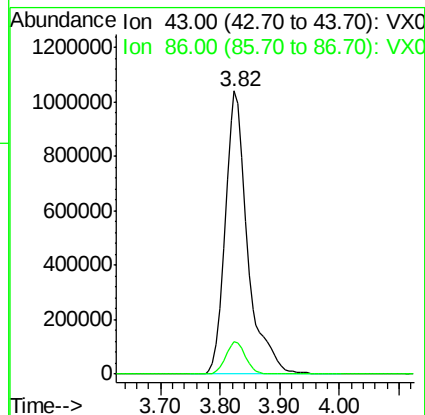
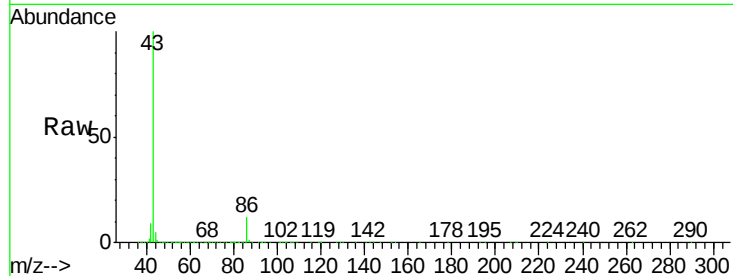
VSTDCCC050EC

Tot Ion: 43 Resp: 2711711

Ion Ratio Lower Upper

43 100

86 11.6 8.7 13.1



#24

1,1-Dichloroethane

Concen: 48.144 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

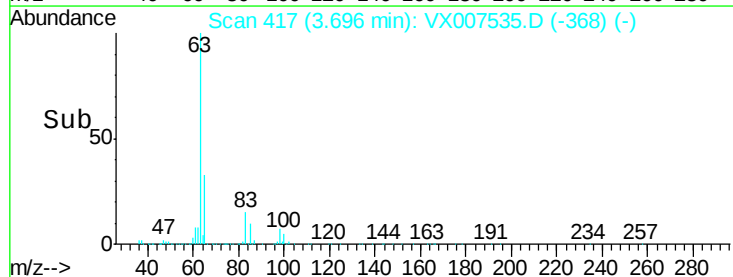
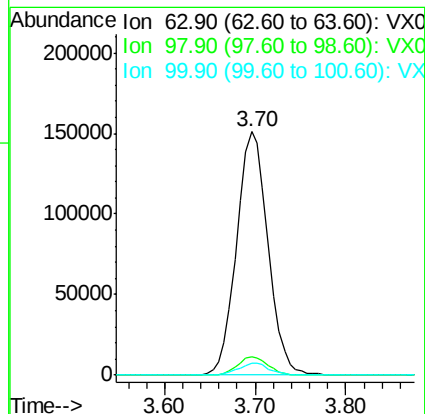
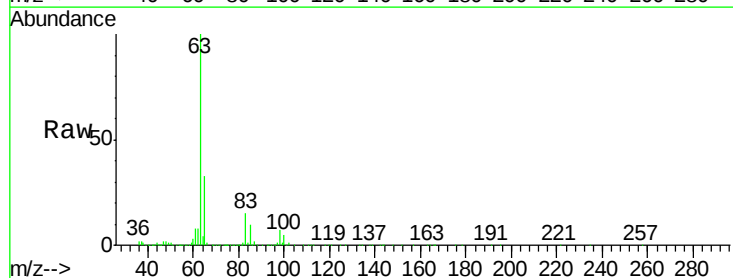
Tgt Ion: 63 Resp: 362537

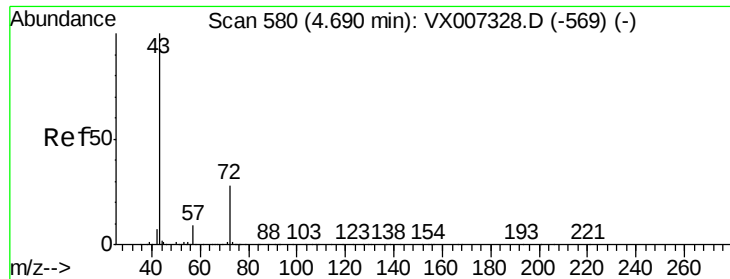
Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

100 5.1 2.5 7.4





#25

2-Butanone

Concen: 262.871 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

Instrument :

MSVOA_X

ClientSampleId :

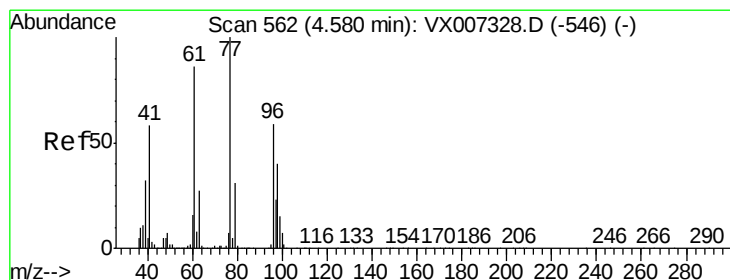
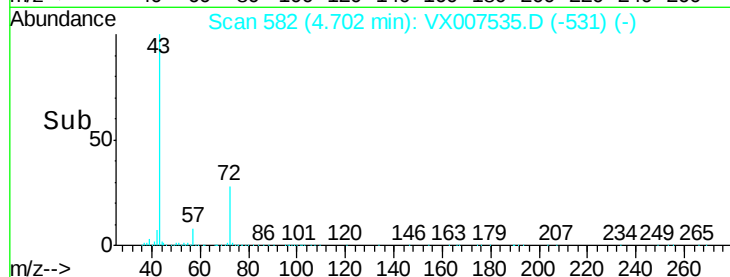
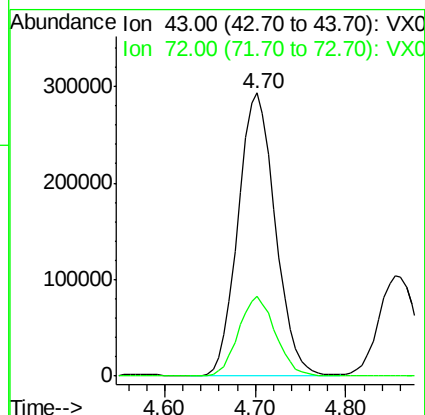
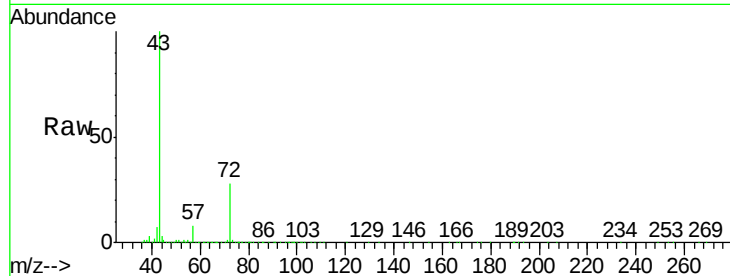
VSTDCCC050EC

Tot Ion: 43 Resp: 833449

Ion Ratio Lower Upper

43 100

72 28.2 22.2 33.2



#26

2,2-Dichloropropane

Concen: 41.425 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX007535.D

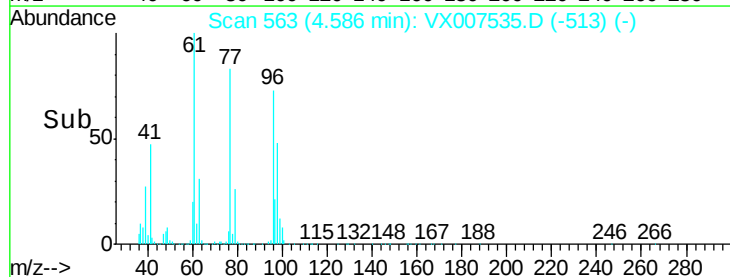
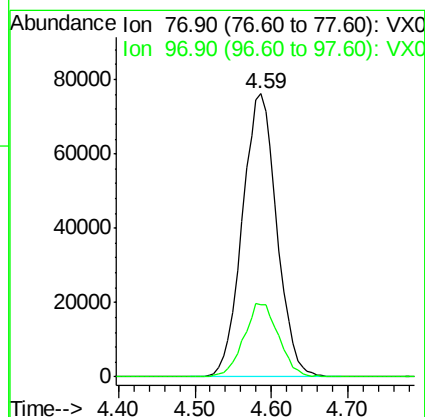
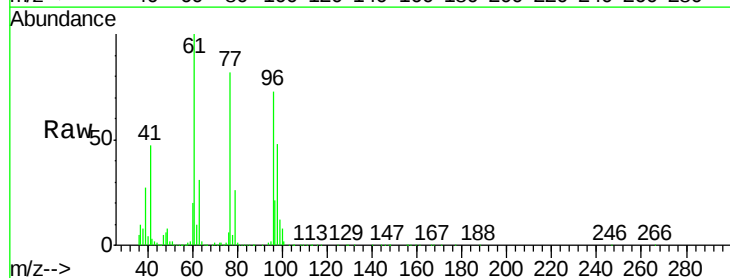
Acq: 13 Feb 2019 21:50

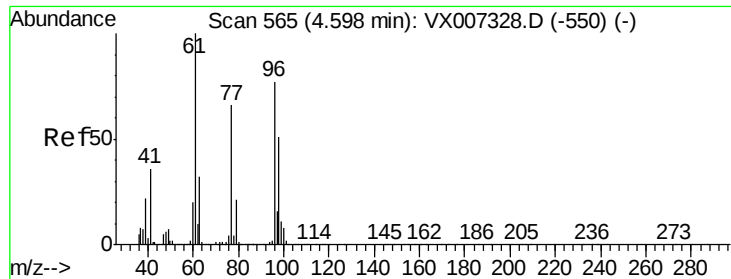
Tgt Ion: 77 Resp: 237563

Ion Ratio Lower Upper

77 100

97 26.5 12.1 36.3



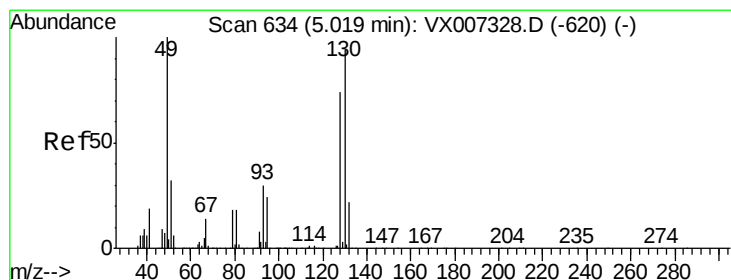
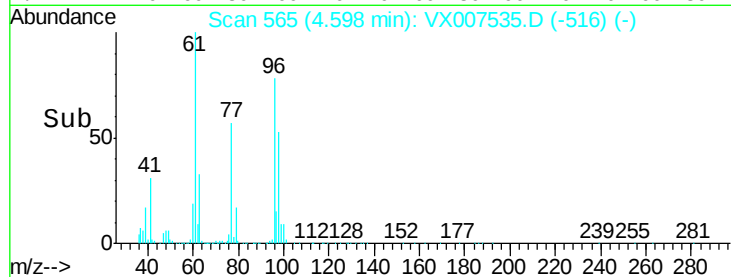
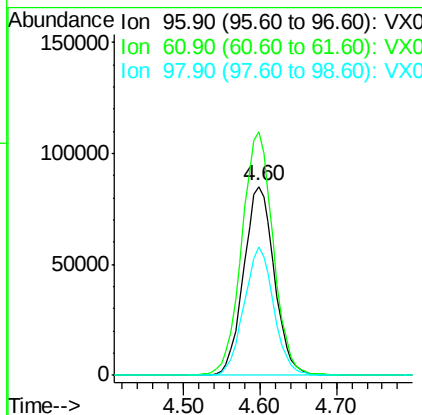
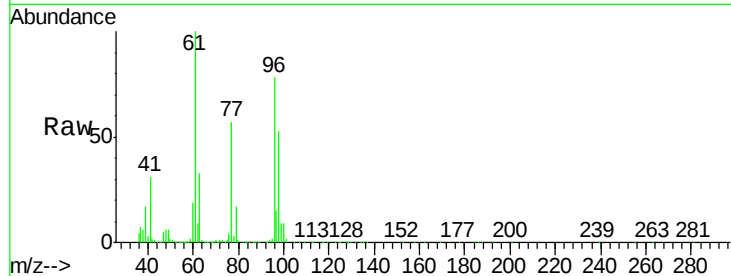


#27

cis-1,2-Dichloroethene
 Concen: 46.726 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX007535.D
 Acq: 13 Feb 2019 21:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

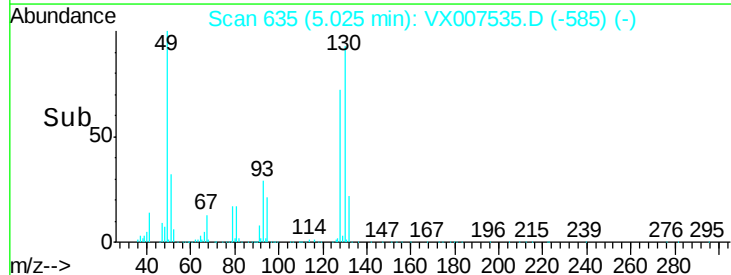
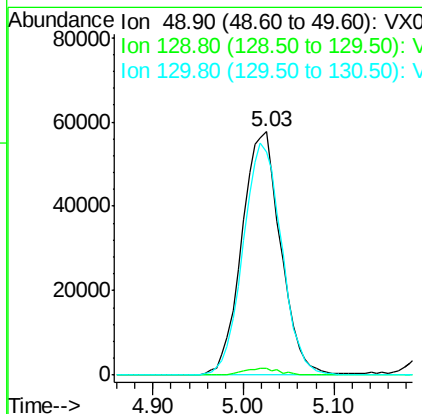
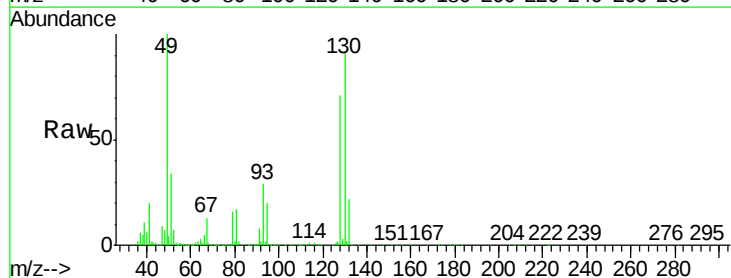
Tot Ion	Ratio	Lower	Upper
96	100		
61	132.1	0.0	265.6
98	65.8	0.0	131.6



#28

Bromochloromethane
 Concen: 49.263 ug/l
 RT: 5.03 min Scan# 635
 Delta R.T. 0.01 min
 Lab File: VX007535.D
 Acq: 13 Feb 2019 21:50

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.6
130	95.0	75.6	113.4

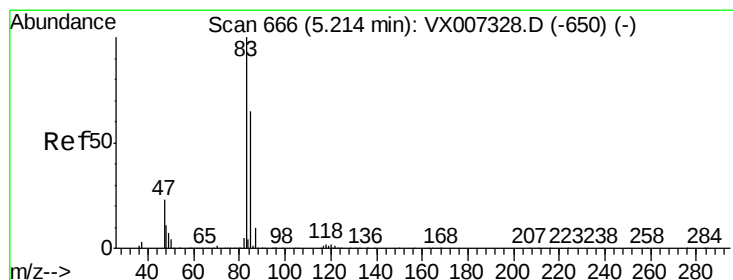
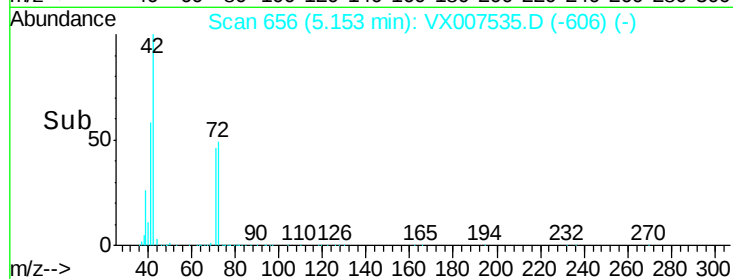
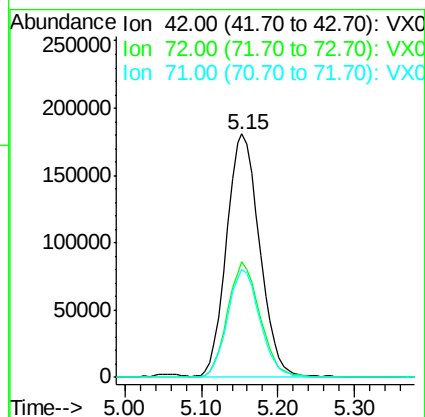
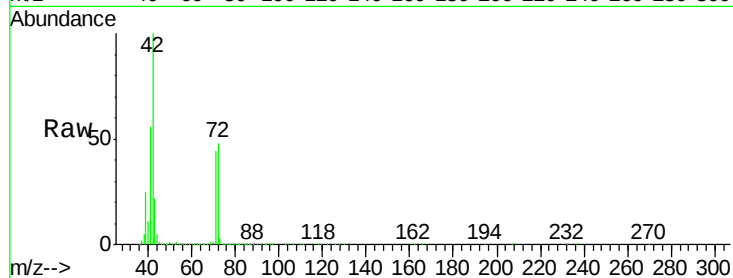




#29
Tetrahydrofuran
Concen: 270.132 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

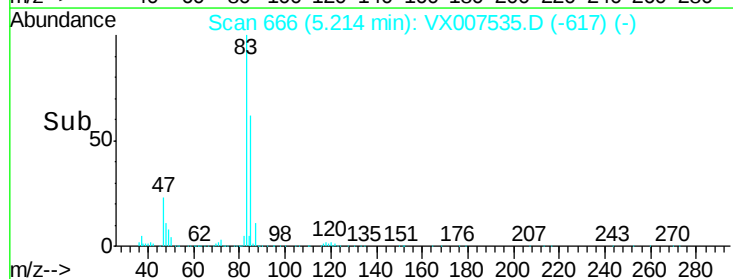
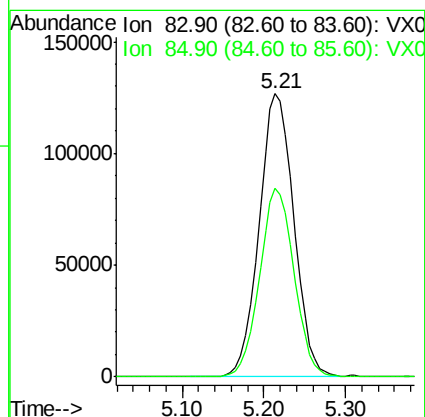
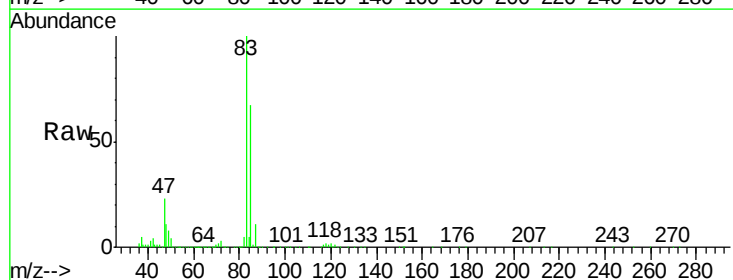
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

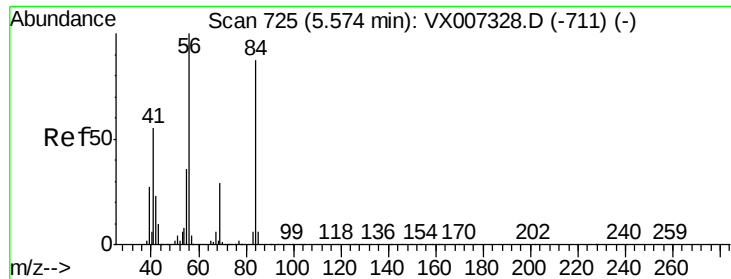
Tot Ion	Ratio	Lower	Upper
42	100		
72	46.7	37.6	56.4
71	43.5	34.6	51.8



#30
Chloroform
Concen: 47.820 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.7	51.6	77.4





#31

Cyclohexane

Concen: 43.996 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

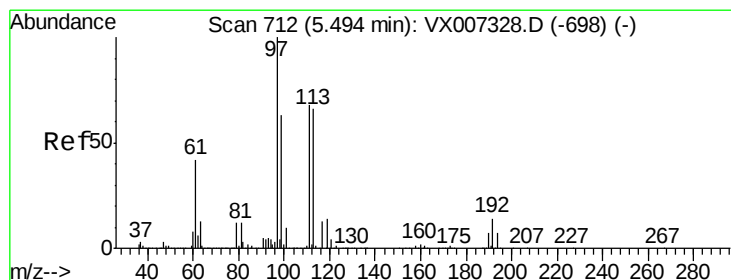
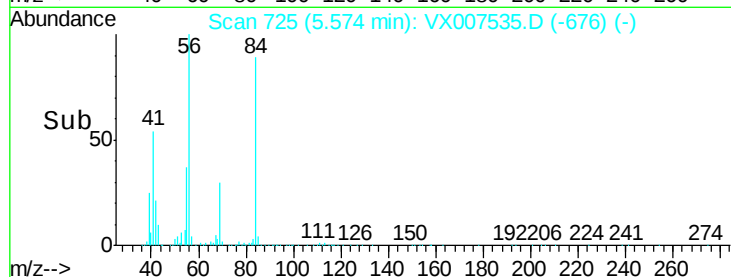
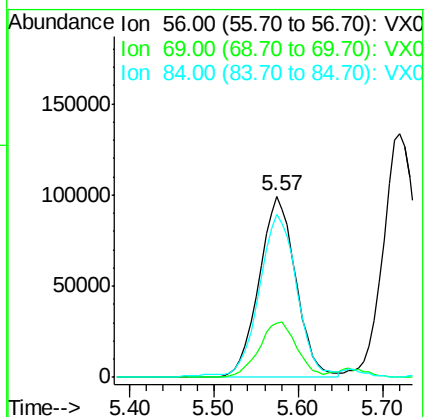
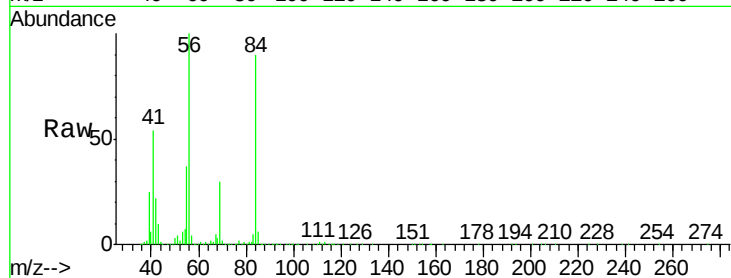
Tot Ion: 56 Resp: 297552

Ion Ratio Lower Upper

56 100

69 29.7 23.0 34.6

84 88.9 69.8 104.6



#32

1,1,1-Trichloroethane

Concen: 49.423 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

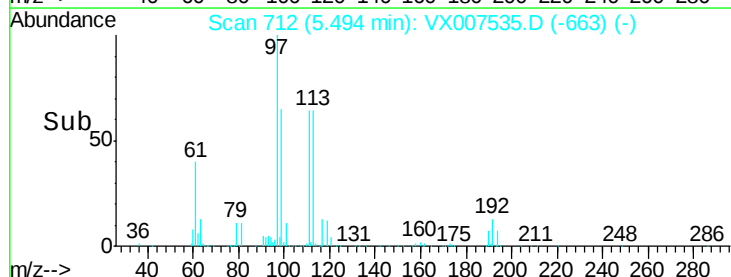
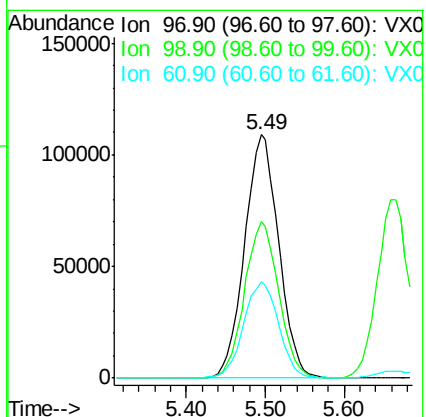
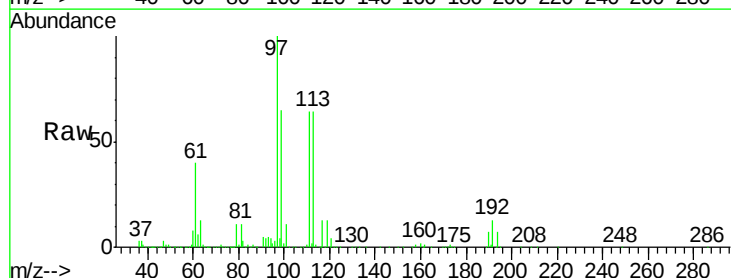
Tgt Ion: 97 Resp: 327811

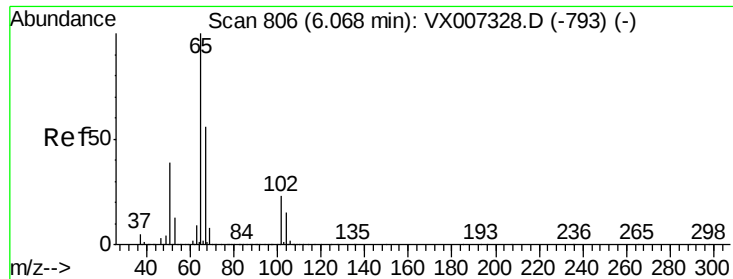
Ion Ratio Lower Upper

97 100

99 64.3 52.2 78.2

61 40.9 32.7 49.1





#33

1,2-Dichloroethane-d4

Concen: 47.676 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

Instrument :

MSVOA_X

ClientSampleId :

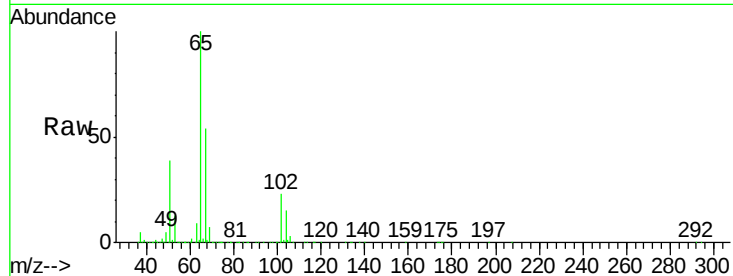
VSTDCCC050EC

Tot Ion: 65 Resp: 231876

Ion Ratio Lower Upper

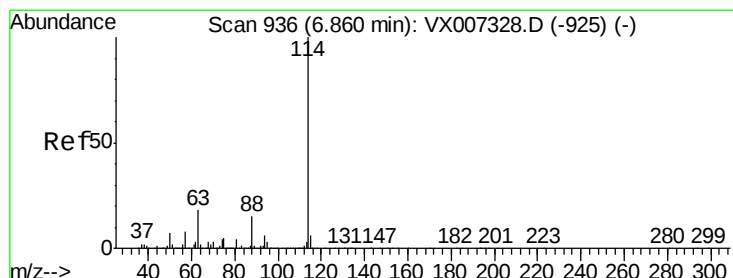
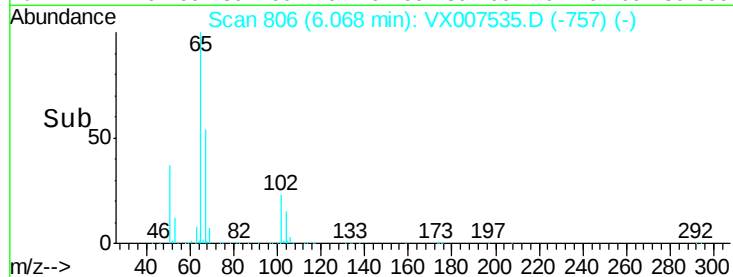
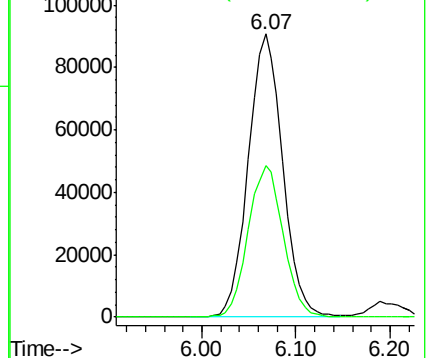
65 100

67 54.7 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

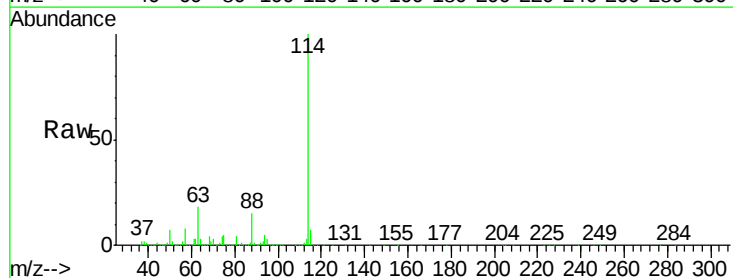
Tgt Ion: 114 Resp: 688474

Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.6

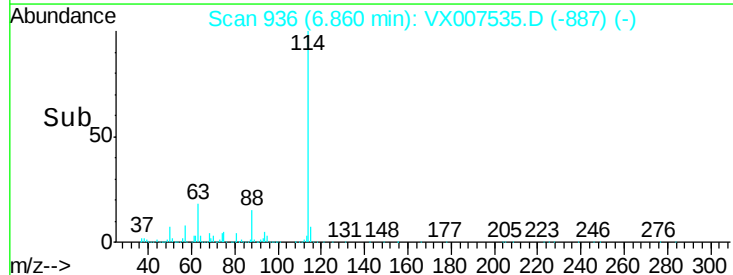
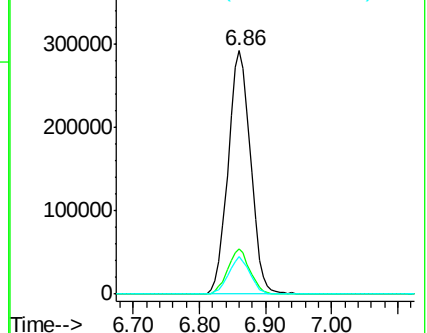
88 15.2 0.0 29.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.941 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

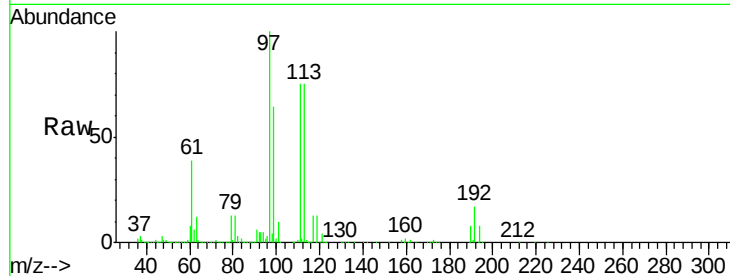
Tot Ion:113 Resp: 219238

Ion Ratio Lower Upper

113 100

111 102.0 81.8 122.8

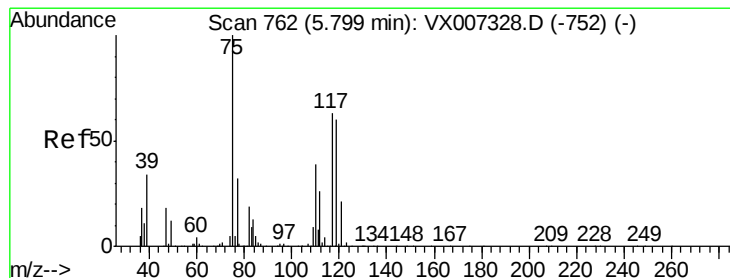
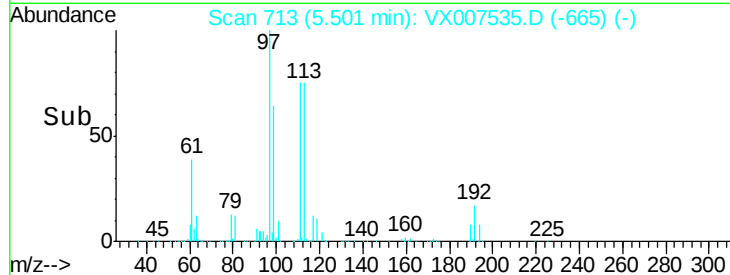
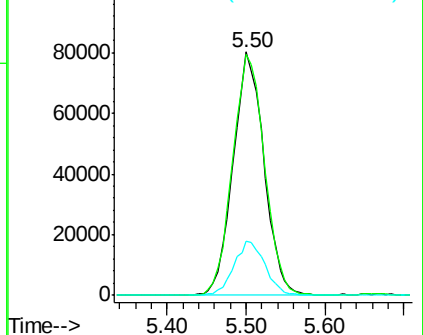
192 22.4 18.5 27.7



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: 42.822 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

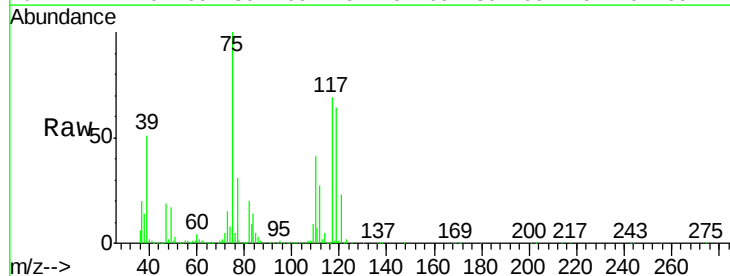
Tgt Ion: 75 Resp: 264521

Ion Ratio Lower Upper

75 100

110 40.2 20.0 59.9

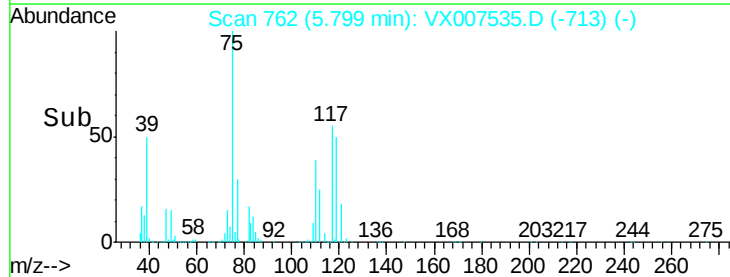
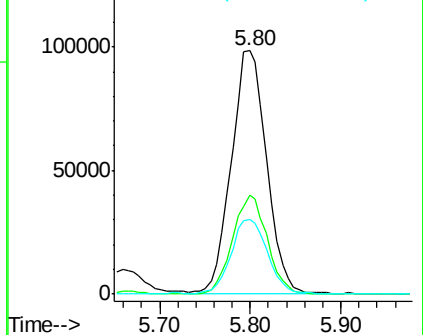
77 31.6 24.7 37.1

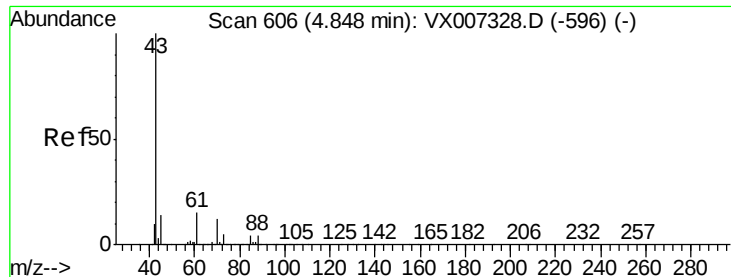


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

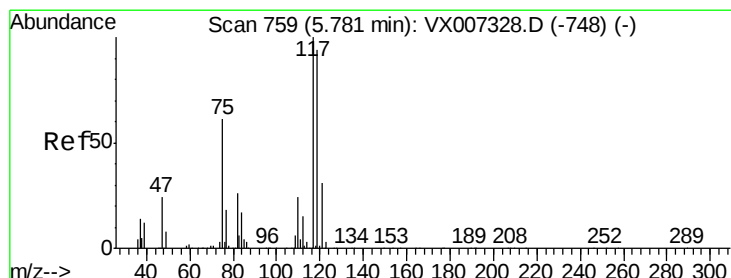
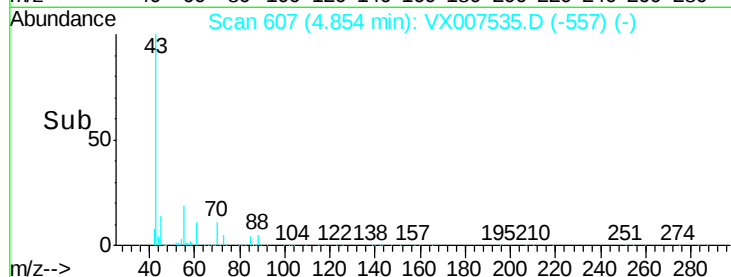
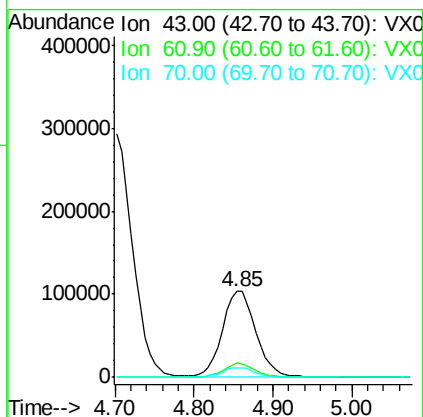
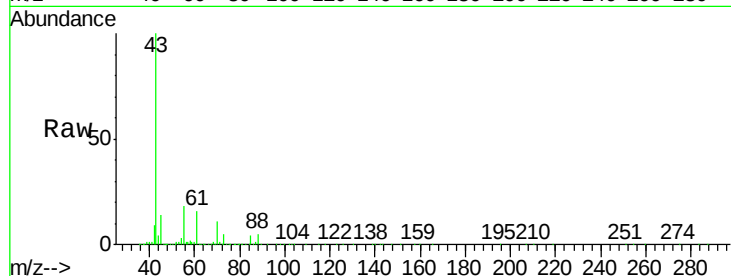




#37
Ethyl Acetate
Concen: 48.966 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

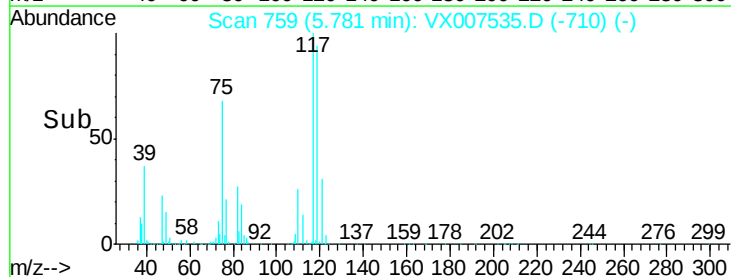
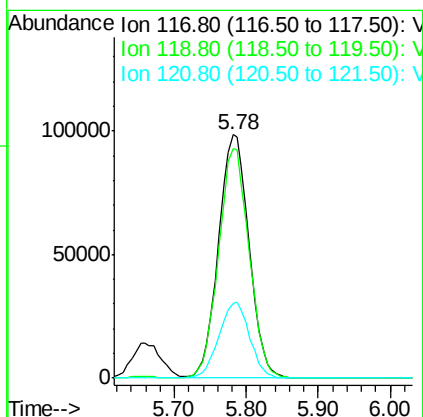
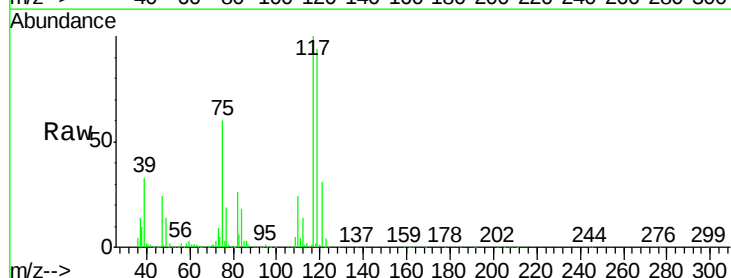
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 305762
Ion Ratio Lower Upper
43 100
61 14.7 11.3 16.9
70 11.1 8.6 13.0



#38
Carbon Tetrachloride
Concen: 48.429 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

Tgt Ion: 117 Resp: 290229
Ion Ratio Lower Upper
117 100
119 94.4 75.3 112.9
121 30.5 25.0 37.4

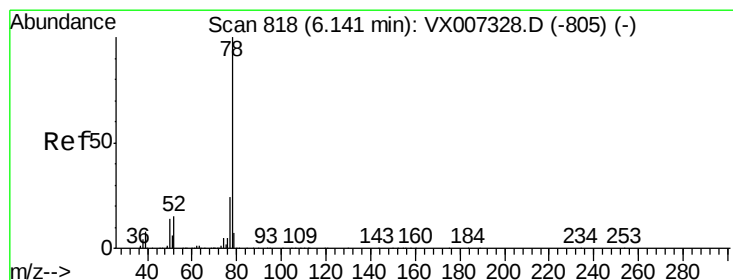
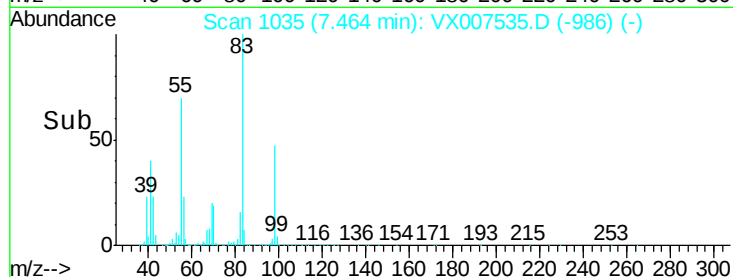
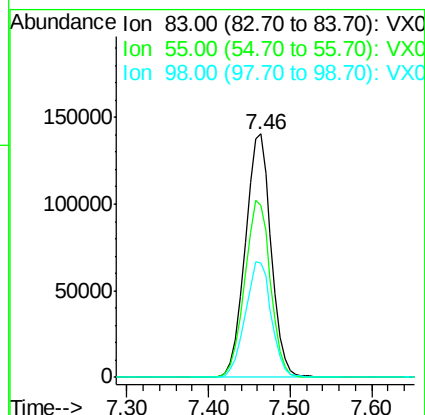
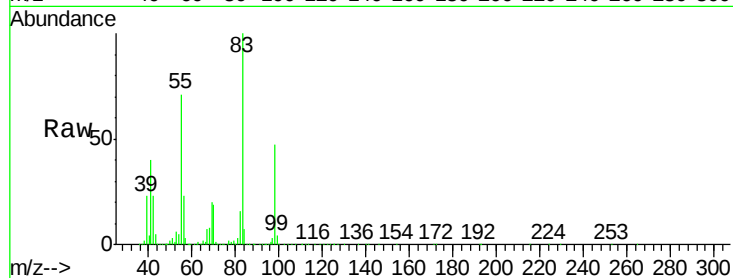




#39
Methvlcvclohexane
Concen: 41.311 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

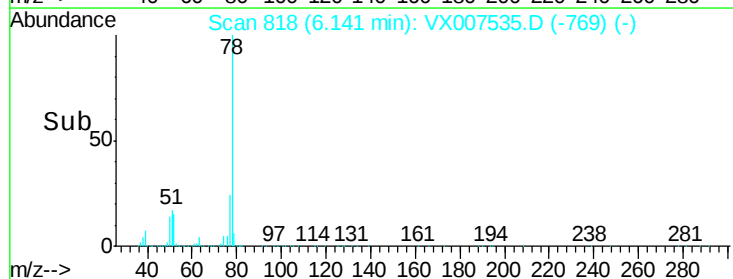
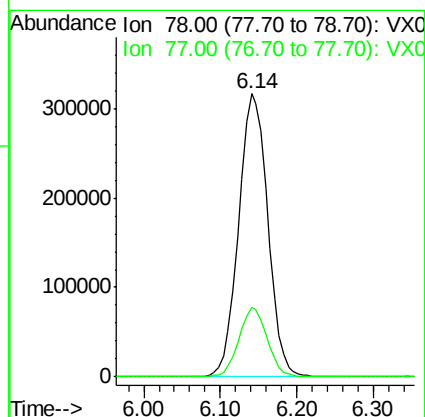
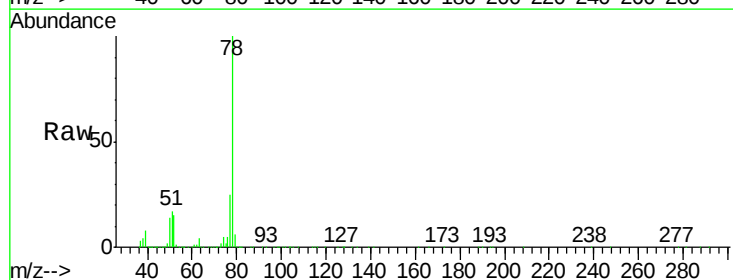
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 308751
Ion Ratio Lower Upper
83 100
55 70.4 56.2 84.2
98 47.2 36.8 55.2



#40
Benzene
Concen: 46.026 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

Tgt Ion: 78 Resp: 837504
Ion Ratio Lower Upper
78 100
77 24.5 19.3 28.9





#41

Methacrylonitrile

Concen: 51.108 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.01 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 171044

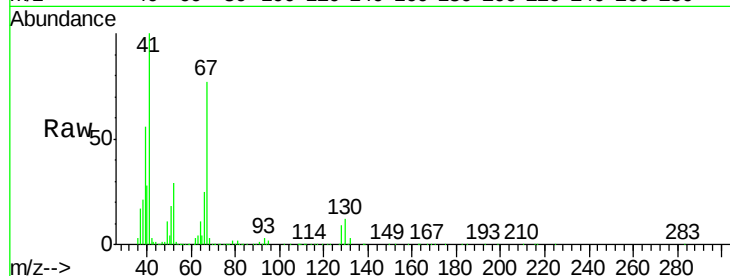
Ion Ratio Lower Upper

41 100

39 55.3 44.5 66.7

67 76.7 60.4 90.6

52 29.6 24.1 36.1

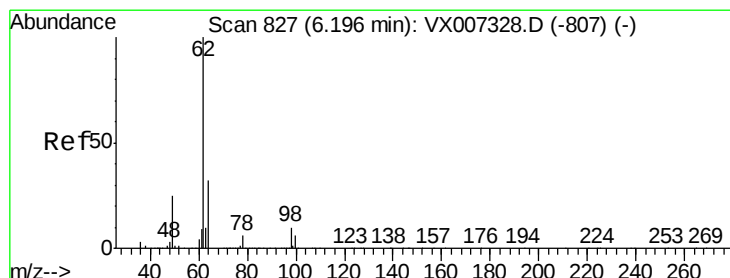
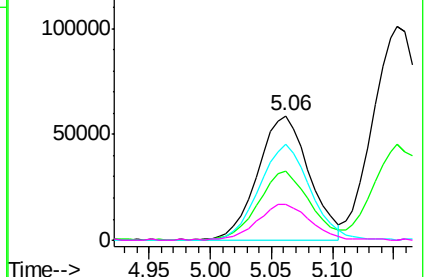
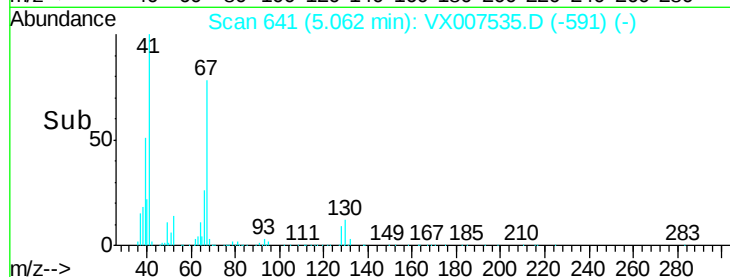


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 45.634 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX007535.D

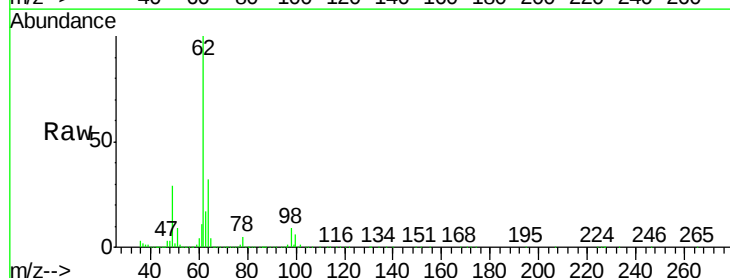
Acq: 13 Feb 2019 21:50

Tgt Ion: 62 Resp: 287306

Ion Ratio Lower Upper

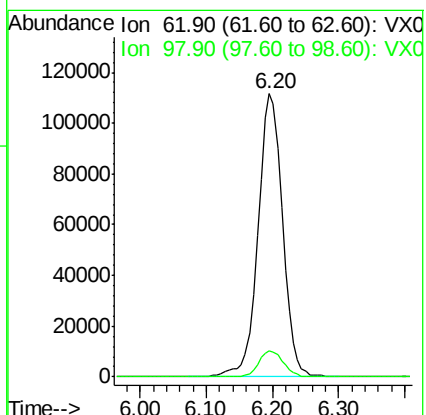
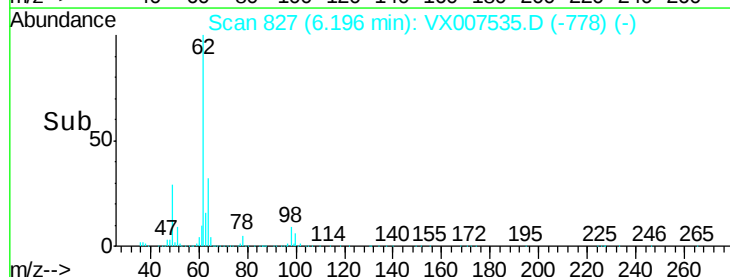
62 100

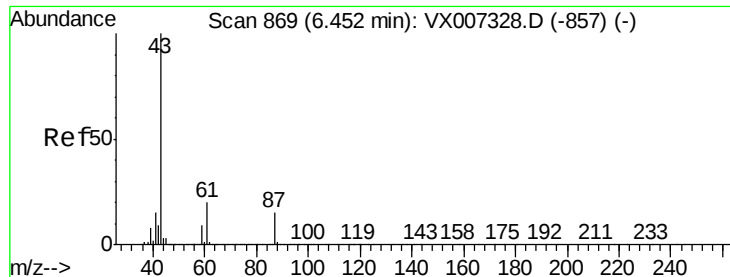
98 9.4 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



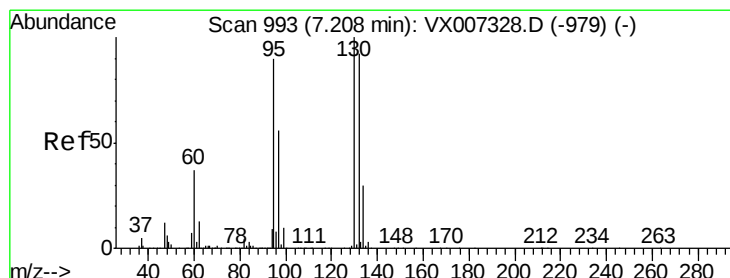
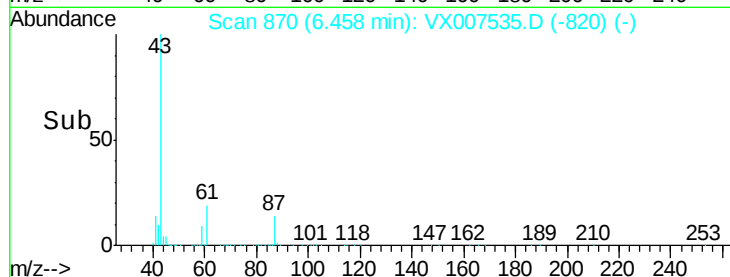
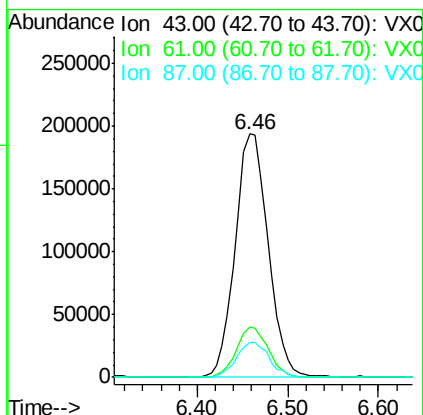
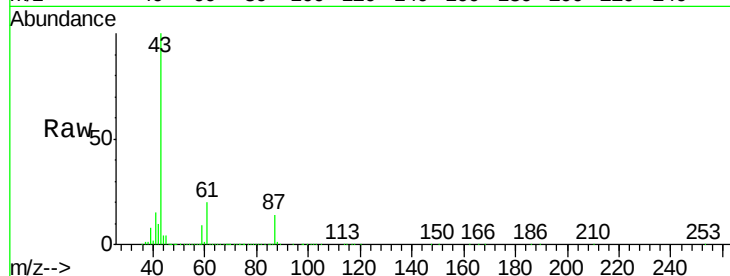


#43

Isopropyl Acetate
 Concen: 50.653 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.01 min
 Lab File: VX007535.D
 Acq: 13 Feb 2019 21:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

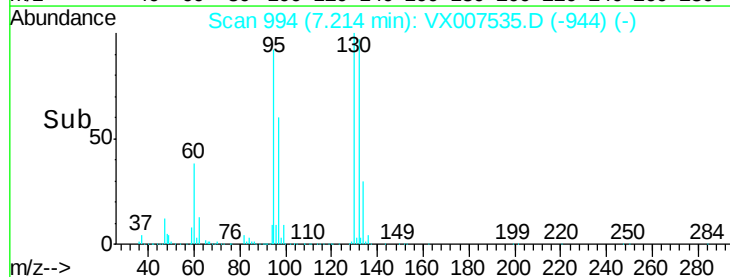
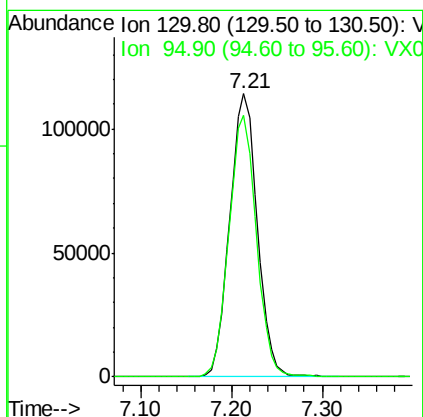
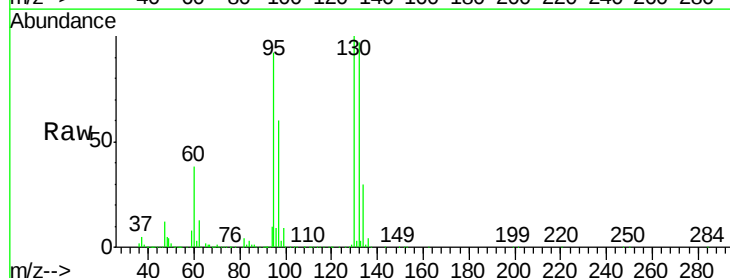
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.2	16.1	24.1
87	14.4	11.5	17.3

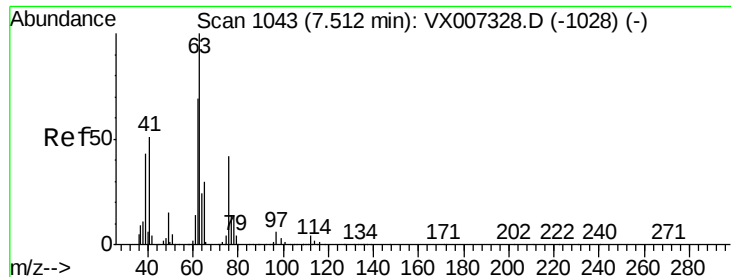


#44

Trichloroethene
 Concen: 44.118 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX007535.D
 Acq: 13 Feb 2019 21:50

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.4	0.0	180.0





#45

1,2-Dichloropropane

Concen: 47.757 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

Instrument :

MSVOA_X

ClientSampleId :

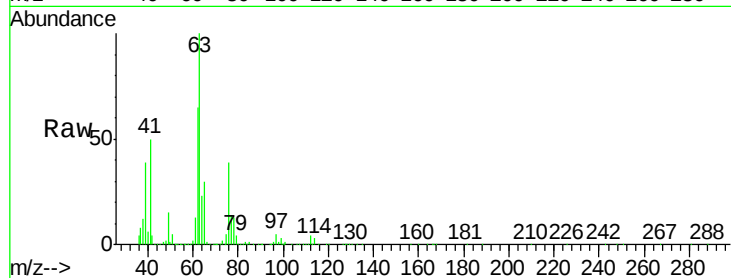
VSTDCCC050EC

Tot Ion: 63 Resp: 217730

Ion Ratio Lower Upper

63 100

65 30.1 24.2 36.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

120000

100000

80000

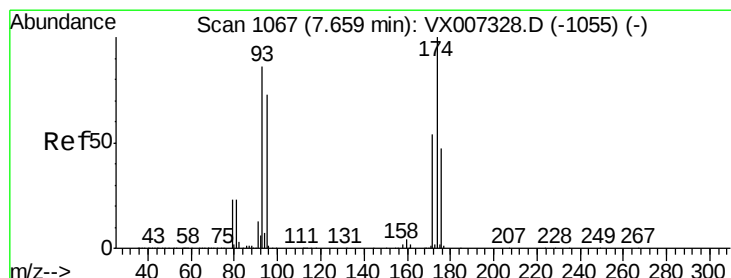
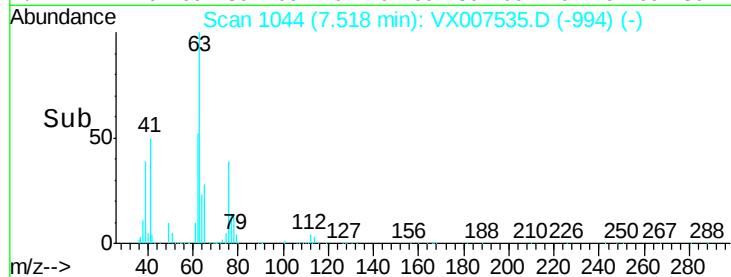
60000

40000

20000

0

Time-->



#46

Dibromomethane

Concen: 45.846 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

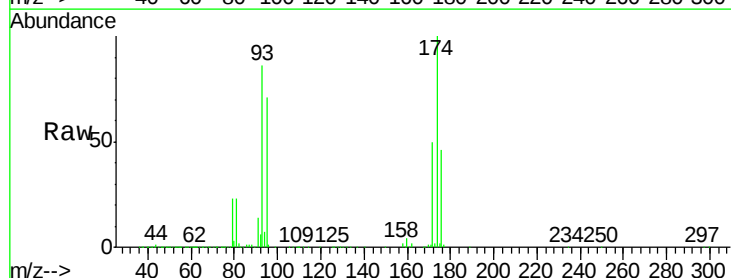
Tgt Ion: 93 Resp: 151916

Ion Ratio Lower Upper

93 100

95 84.1 67.6 101.4

174 117.2 94.2 141.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

120000

100000

80000

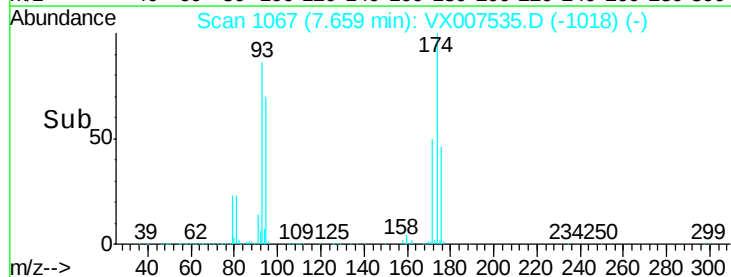
60000

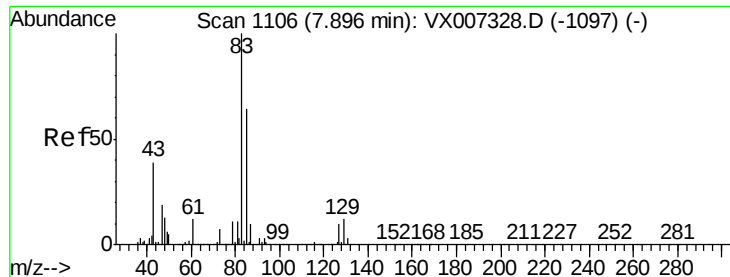
40000

20000

0

Time-->





#47

Bromodichloromethane

Concen: 48.901 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

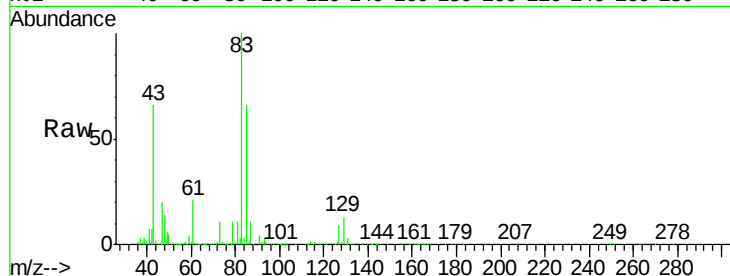
Tot Ion: 83 Resp: 274620

Ion Ratio Lower Upper

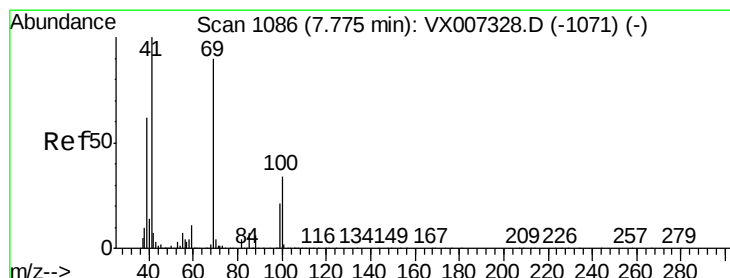
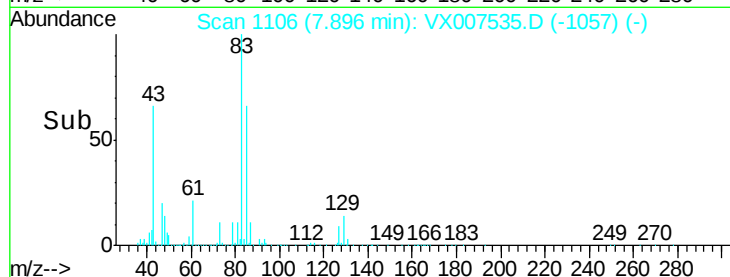
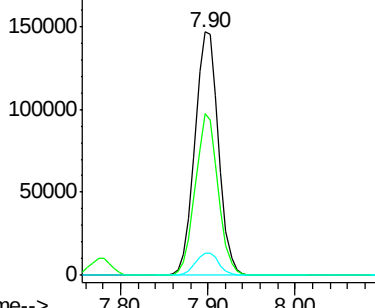
83 100

85 66.1 51.4 77.0

127 9.3 8.1 12.1



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



#48

Methyl methacrylate

Concen: 51.858 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

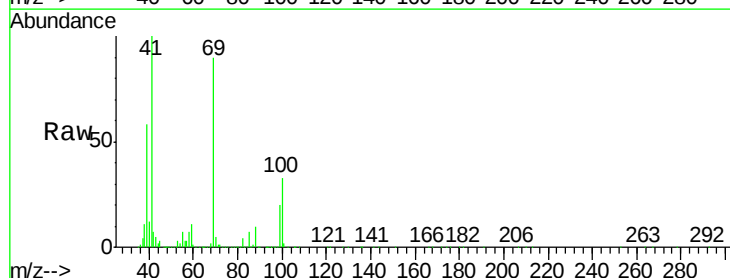
Tgt Ion: 41 Resp: 250010

Ion Ratio Lower Upper

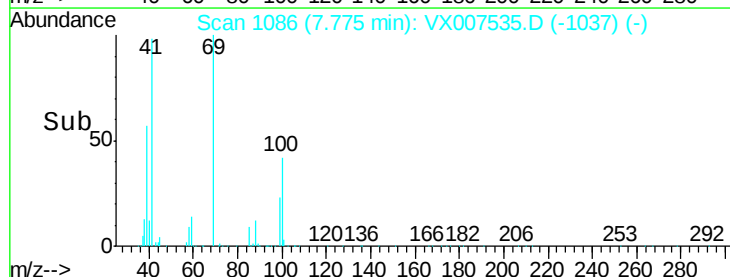
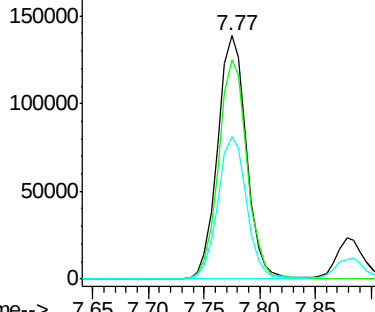
41 100

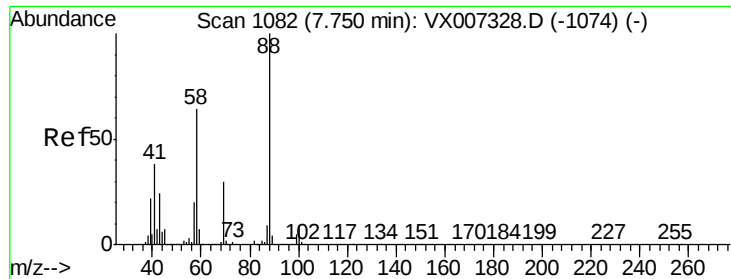
69 90.1 70.2 105.4

39 58.8 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: 1093.475 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

Instrument :

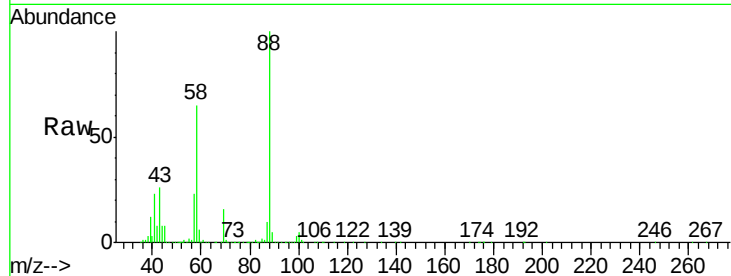
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 88 Resp: 119960

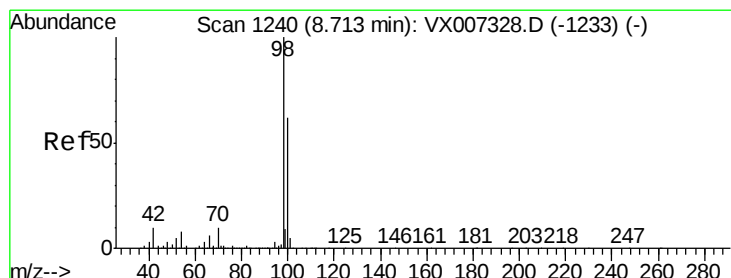
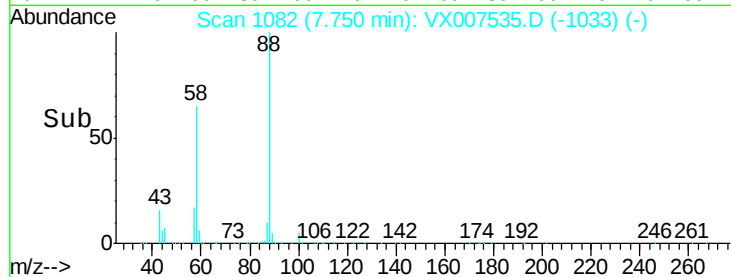
Ion	Ratio	Lower	Upper
88	100		
43	28.5	24.2	36.4
58	65.2	53.0	79.4



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 47.639 ug/l

RT: 8.71 min Scan# 1240

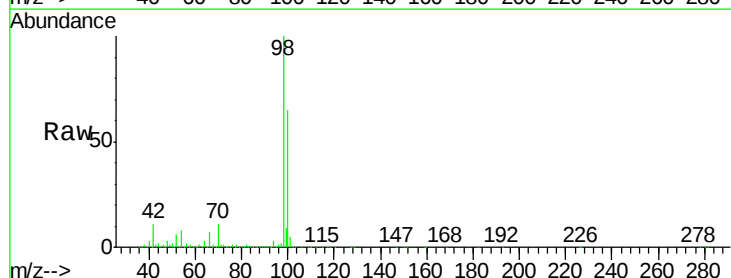
Delta R.T. -0.00 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

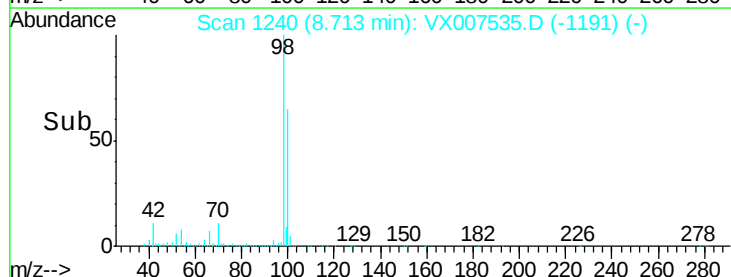
Tgt Ion: 98 Resp: 791769

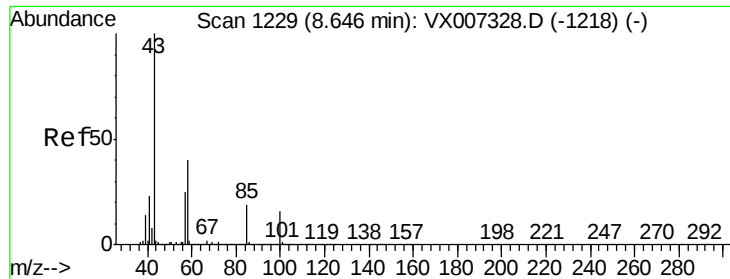
Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.6	77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

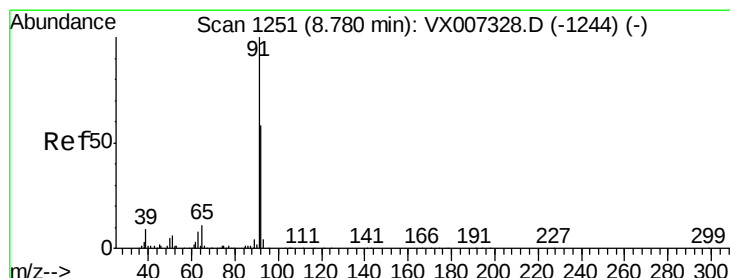
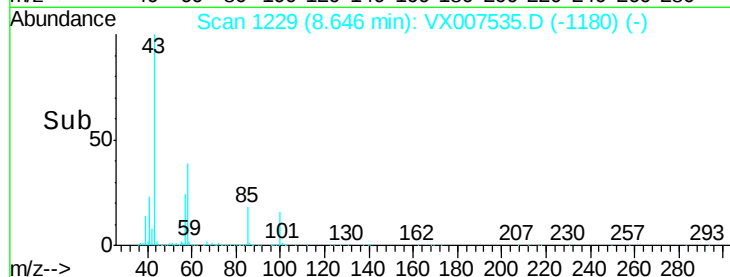
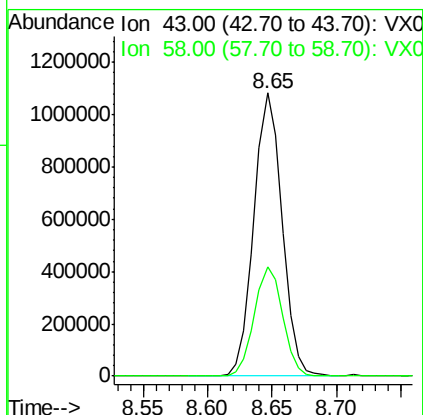
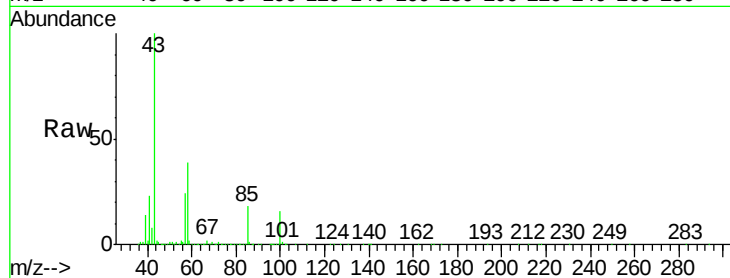




#51
4-Methyl-2-Pentanone
Concen: 257.211 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

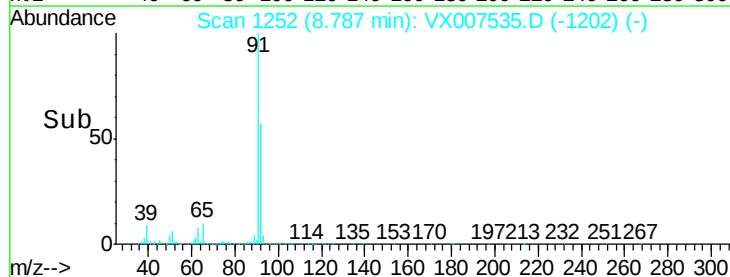
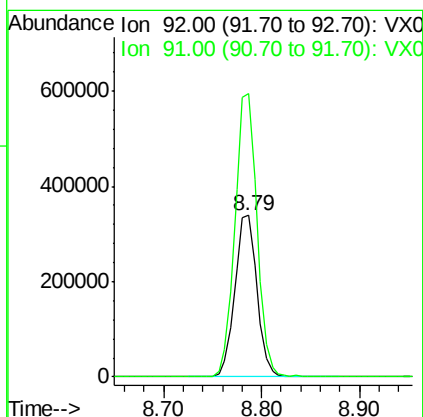
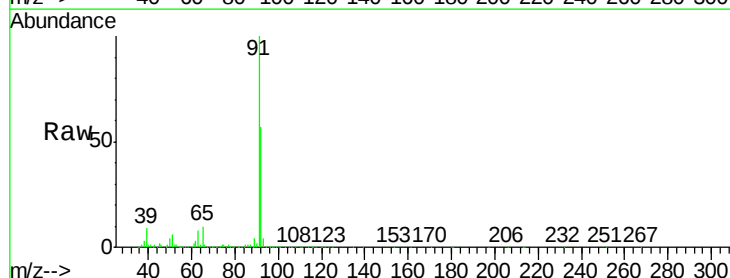
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

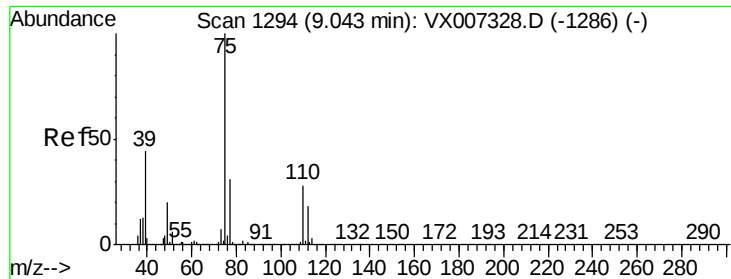
Tot Ion: 43 Resp: 1632000
Ion Ratio Lower Upper
43 100
58 39.1 31.2 46.8



#52
Toluene
Concen: 45.243 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.01 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

Tgt Ion: 92 Resp: 531154
Ion Ratio Lower Upper
92 100
91 175.8 139.1 208.7

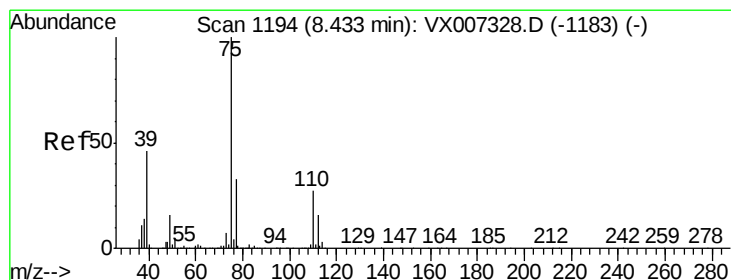
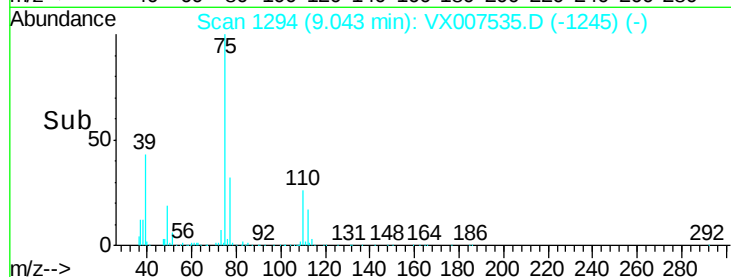
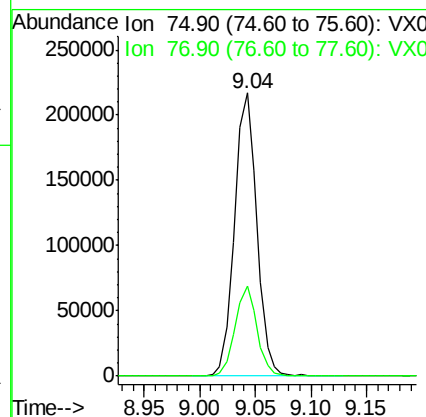
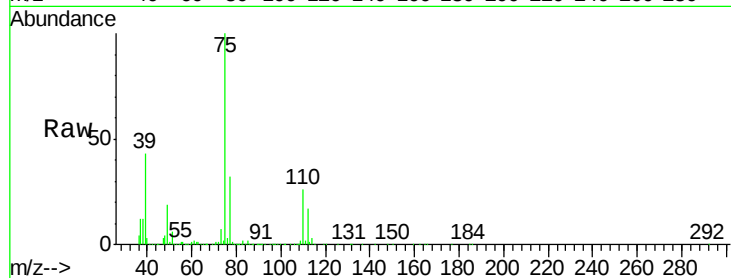




#53
 t-1,3-Dichloropropene
 Concen: 49.767 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX007535.D
 Acq: 13 Feb 2019 21:50

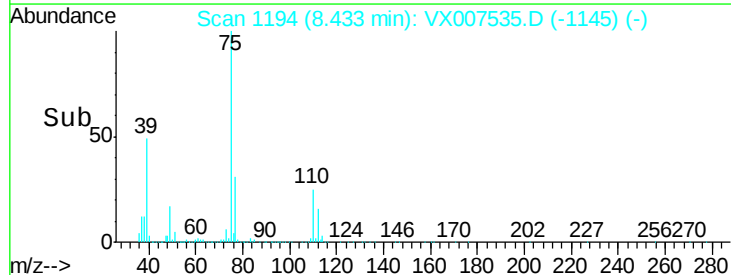
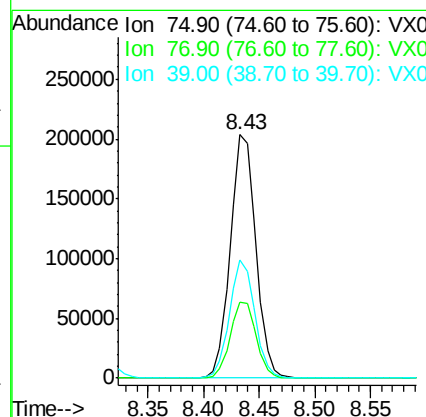
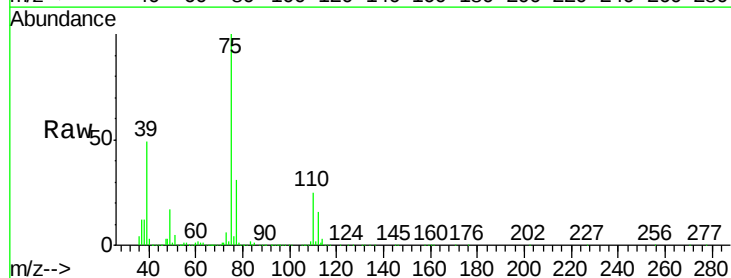
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

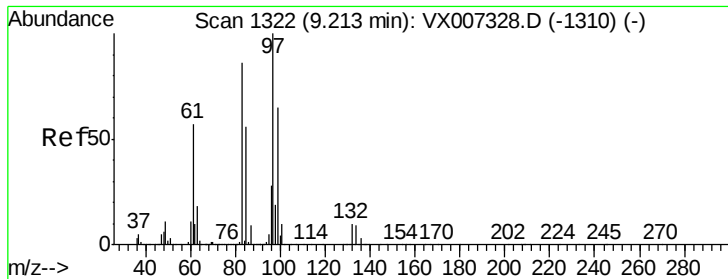
Tot Ion: 75 Resp: 300203
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 48.728 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX007535.D
 Acq: 13 Feb 2019 21:50

Tgt Ion: 75 Resp: 323244
 Ion Ratio Lower Upper
 75 100
 77 31.2 26.2 39.4
 39 48.5 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 47.805 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 233948

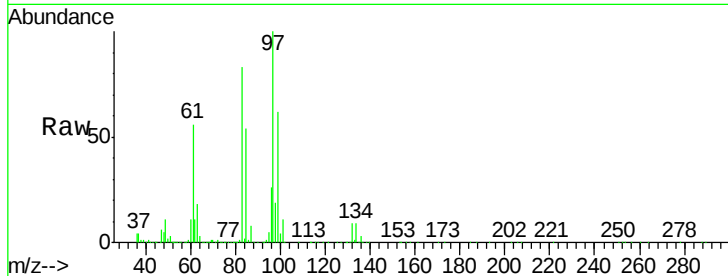
Ion Ratio Lower Upper

97 100

83 82.7 68.6 102.8

85 53.6 44.5 66.7

99 61.5 52.2 78.4

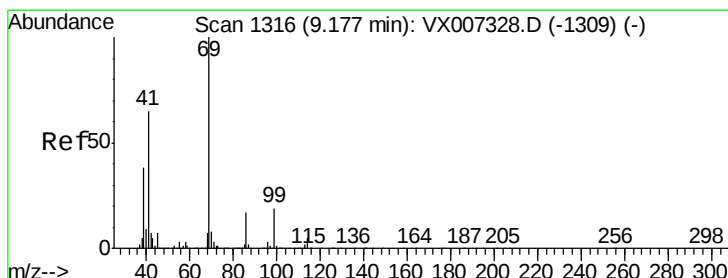
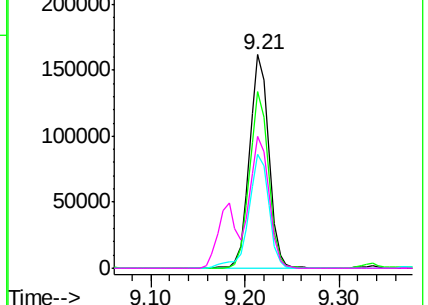
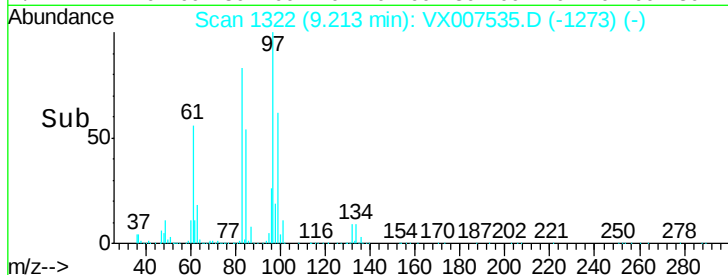


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 50.463 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

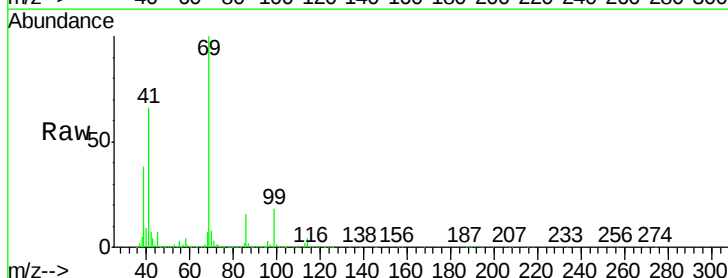
Tgt Ion: 69 Resp: 342035

Ion Ratio Lower Upper

69 100

41 64.3 52.1 78.1

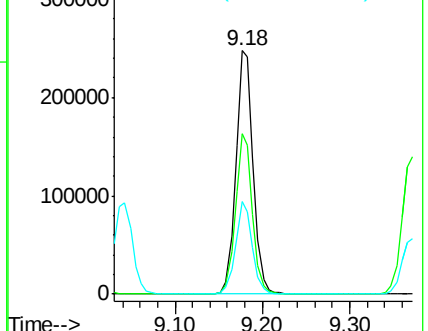
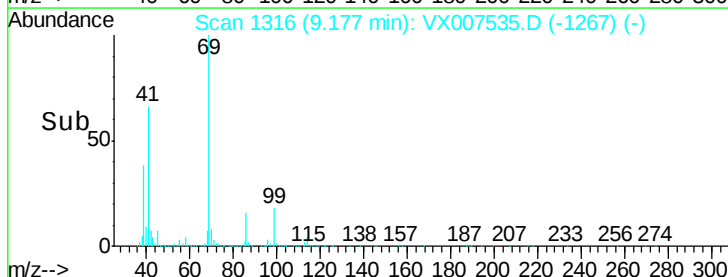
39 36.2 30.1 45.1



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: 46.609 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

Instrument :

MSVOA_X

ClientSampleId :

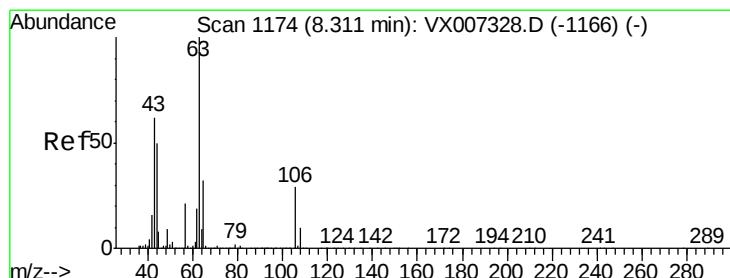
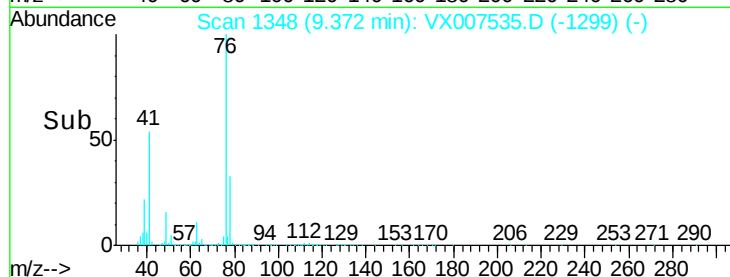
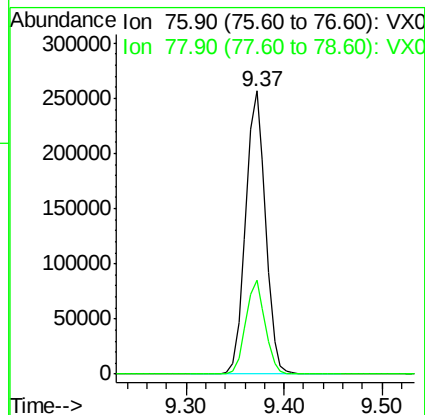
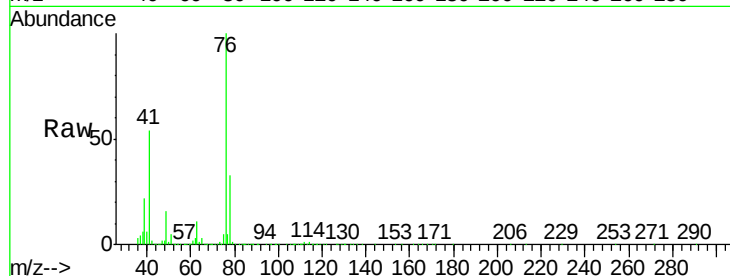
VSTDCCC050EC

Tot Ion: 76 Resp: 362733

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 254.188 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007535.D

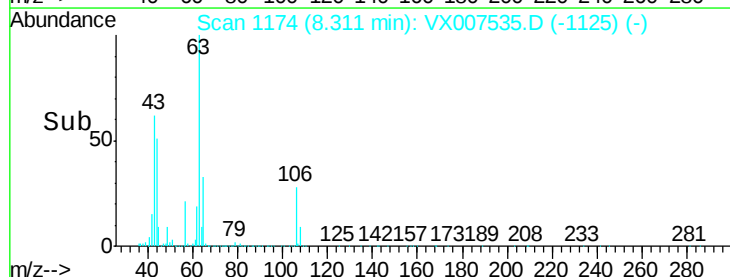
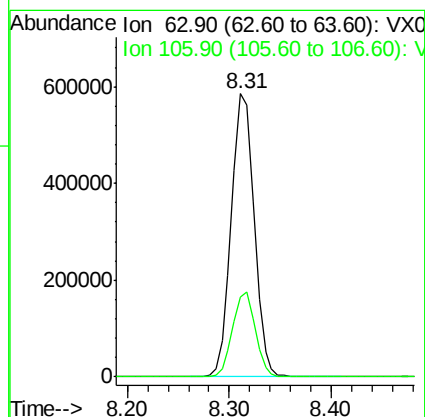
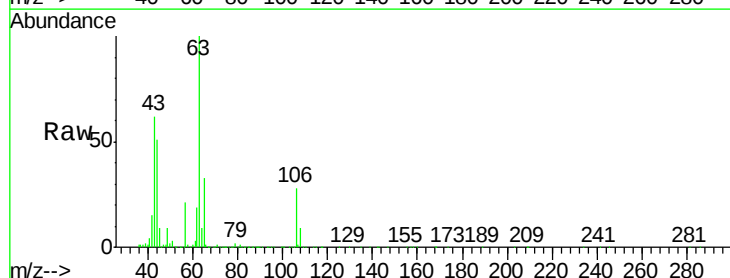
Acq: 13 Feb 2019 21:50

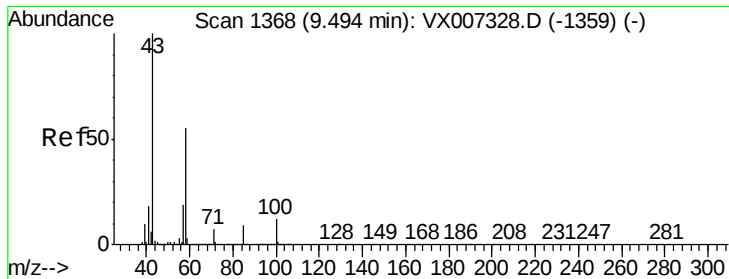
Tgt Ion: 63 Resp: 908095

Ion Ratio Lower Upper

63 100

106 29.9 23.6 35.4





#59

2-Hexanone

Concen: 250.872 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

Instrument :

MSVOA_X

ClientSampleId :

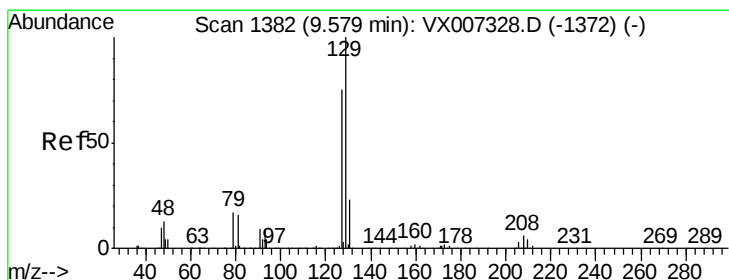
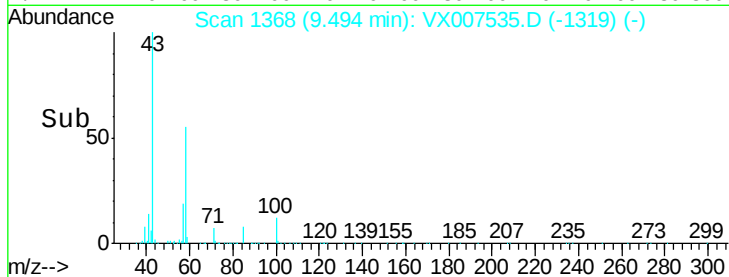
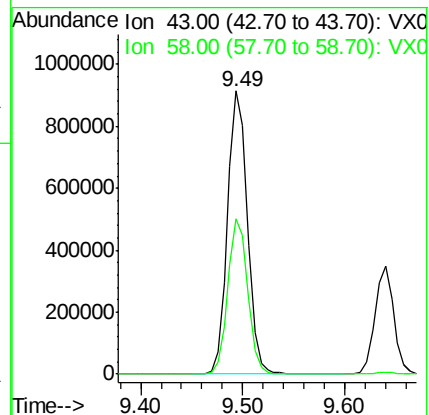
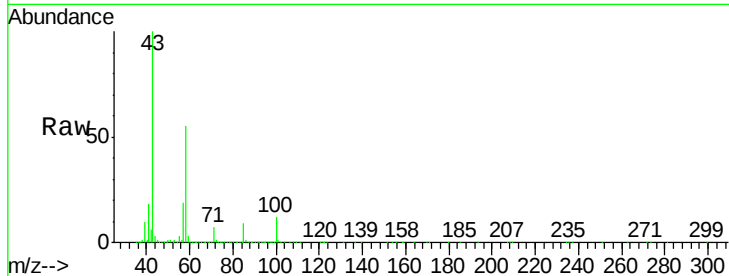
VSTDCCC050EC

Tot Ion: 43 Resp: 1238671

Ion Ratio Lower Upper

43 100

58 54.9 27.1 81.3



#60

Dibromochloromethane

Concen: 53.112 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX007535.D

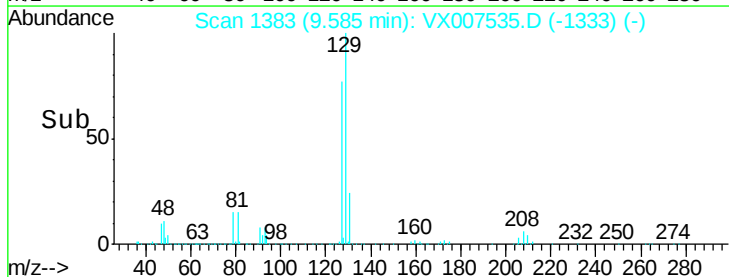
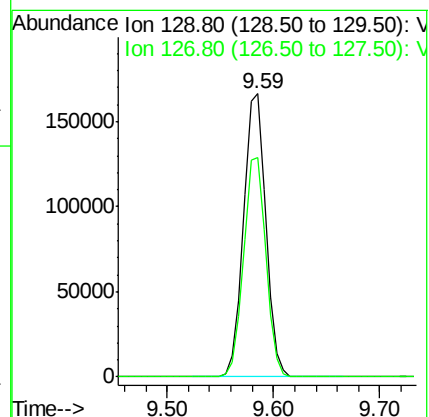
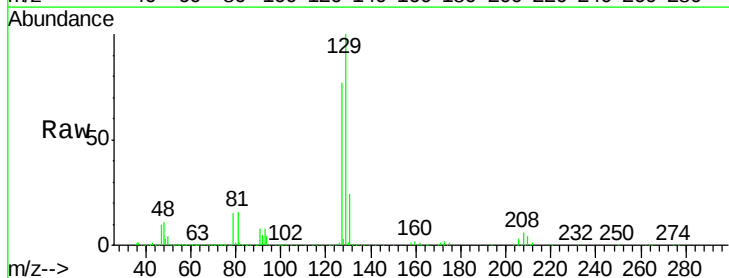
Acq: 13 Feb 2019 21:50

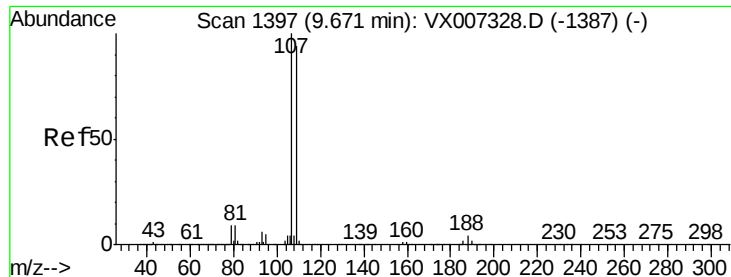
Tgt Ion: 129 Resp: 245820

Ion Ratio Lower Upper

129 100

127 77.6 37.8 113.4





#61

1,2-Dibromoethane

Concen: 47.594 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

Instrument :

MSVOA_X

ClientSampleId :

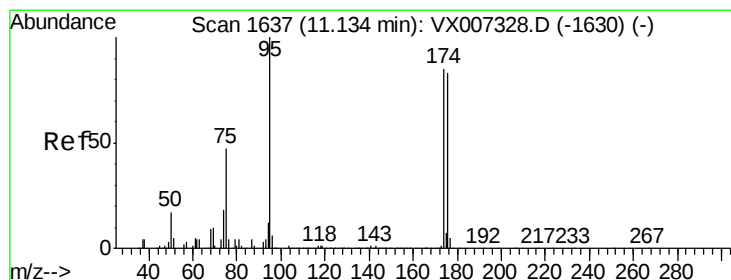
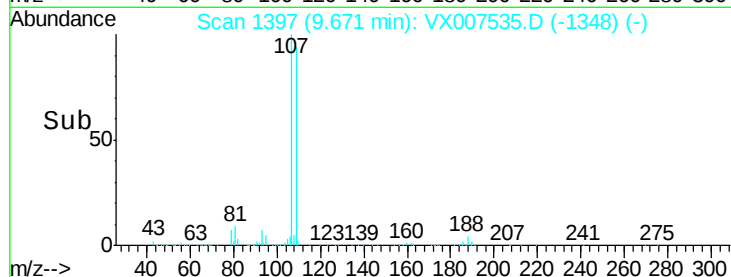
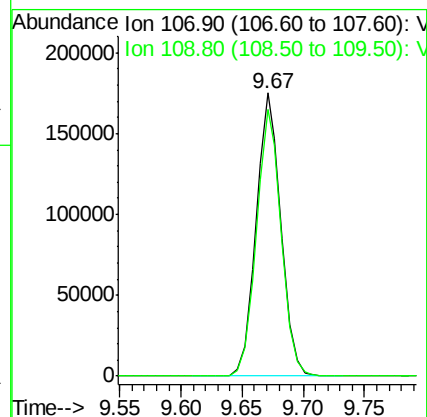
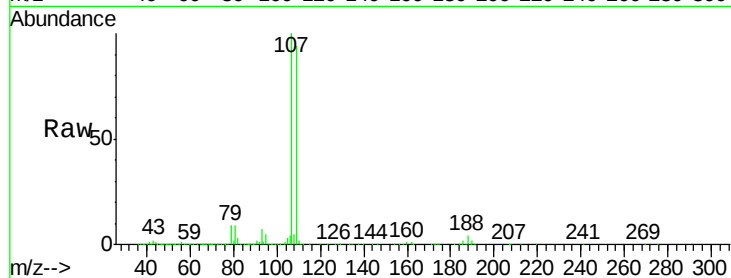
VSTDCCC050EC

Tot Ion:107 Resp: 246660

Ion Ratio Lower Upper

107 100

109 94.4 75.1 112.7



#62

4-Bromofluorobenzene

Concen: 46.411 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

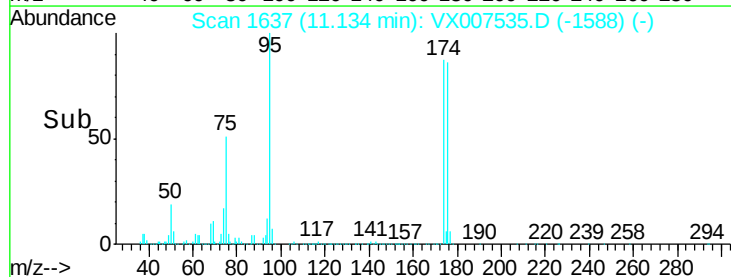
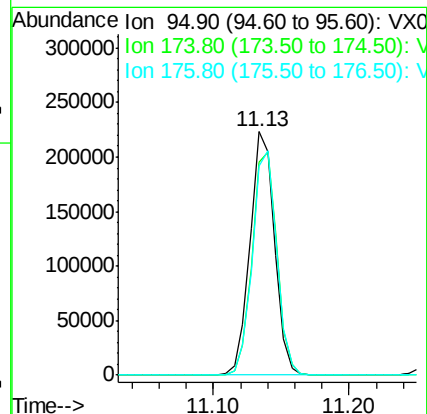
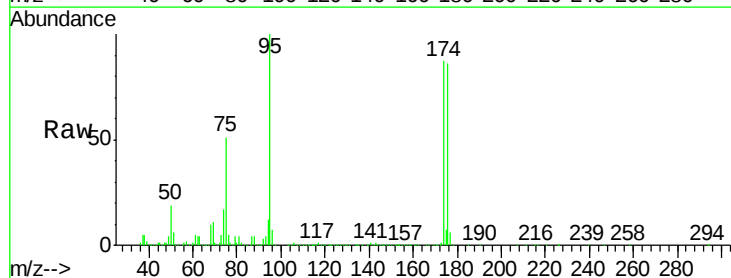
Tgt Ion: 95 Resp: 281624

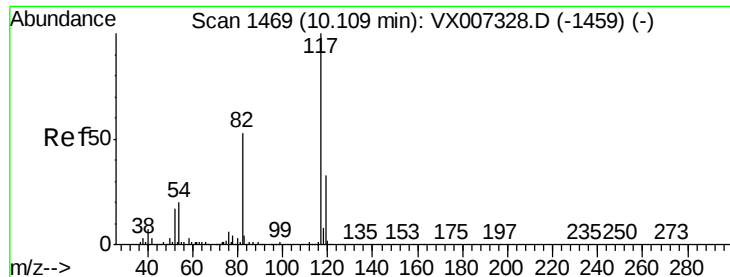
Ion Ratio Lower Upper

95 100

174 93.0 0.0 189.2

176 91.6 0.0 186.2

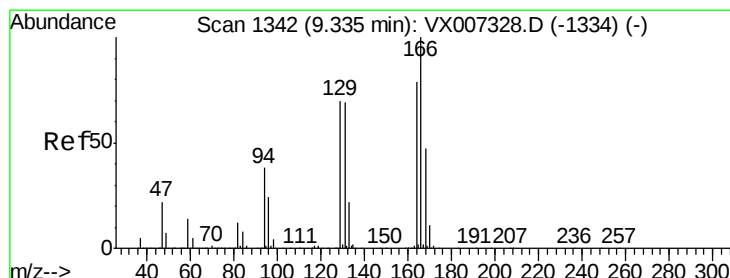
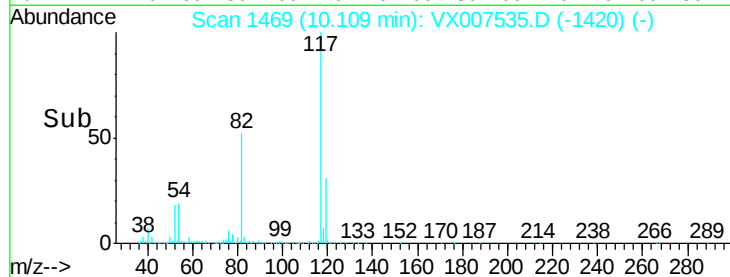
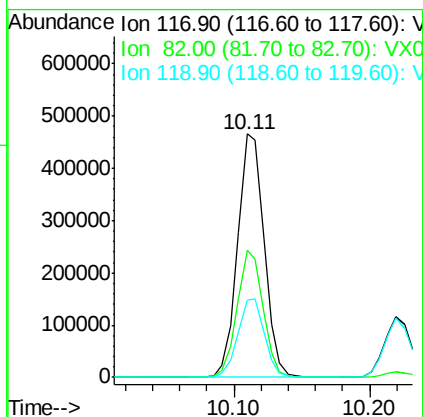
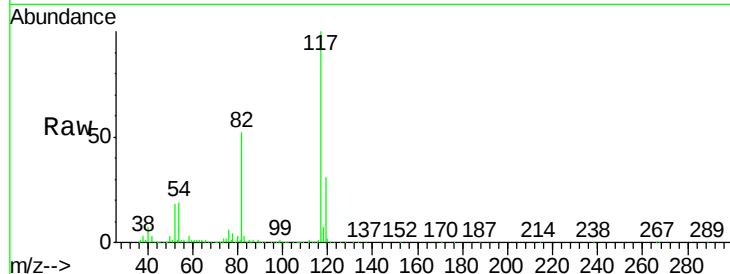




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

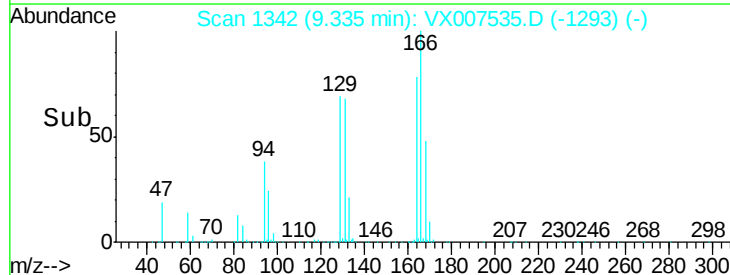
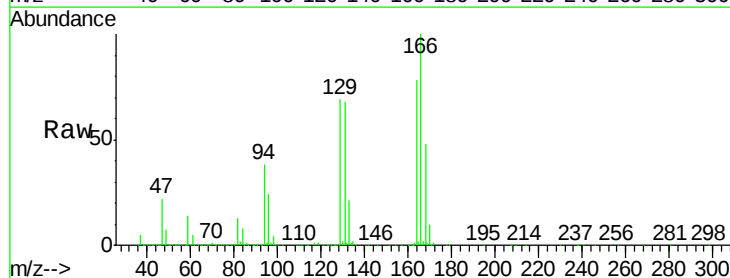
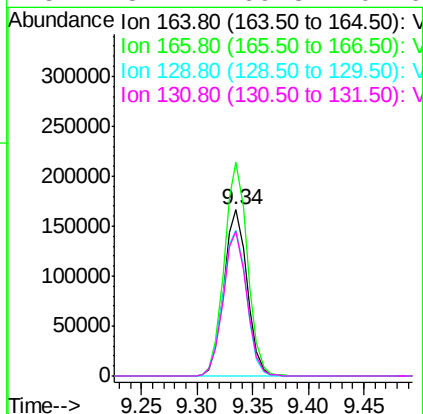
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	42.1	63.1
119	31.5	26.5	39.7



#64
Tetrachloroethene
Concen: 40.296 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.7	101.0	151.4
129	88.2	70.5	105.7
131	87.1	69.8	104.6

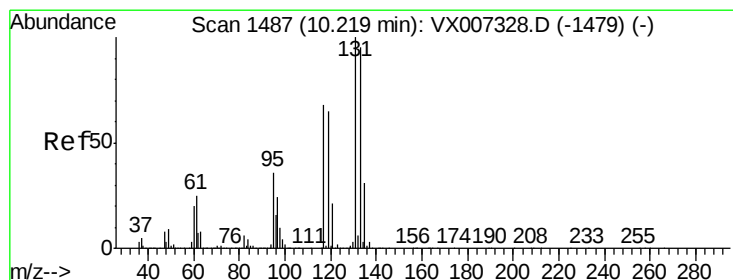
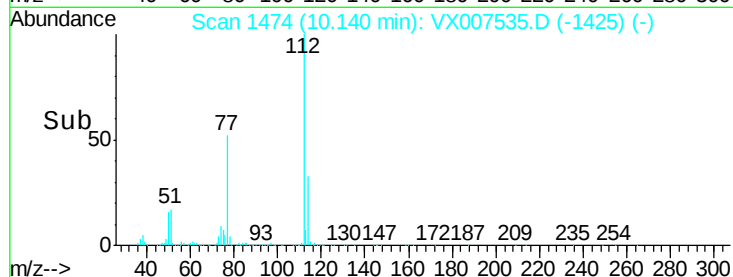
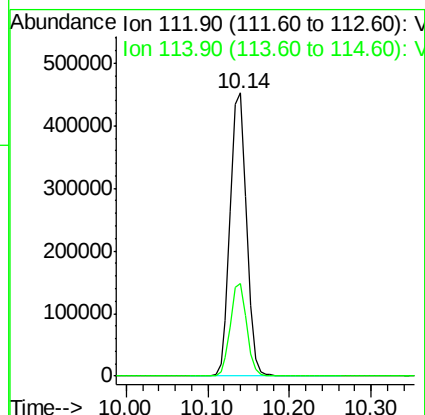
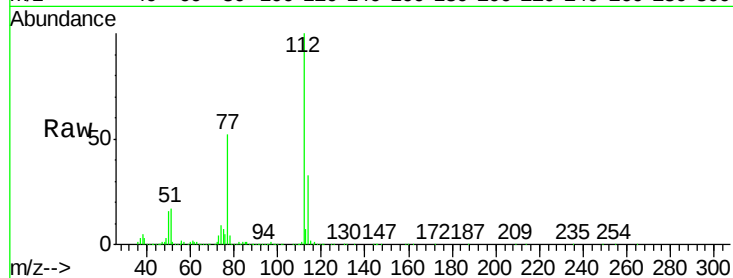




#65
Chlorobenzene
Concen: 45.211 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

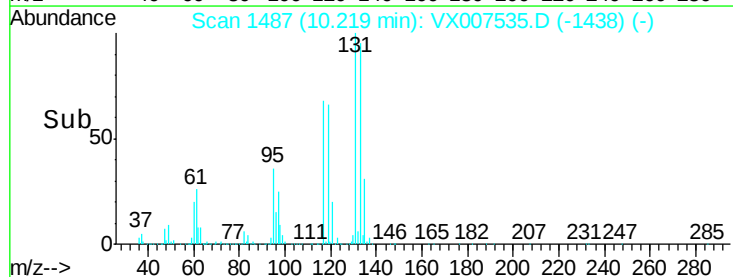
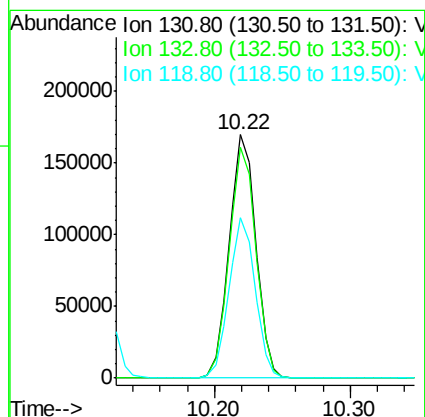
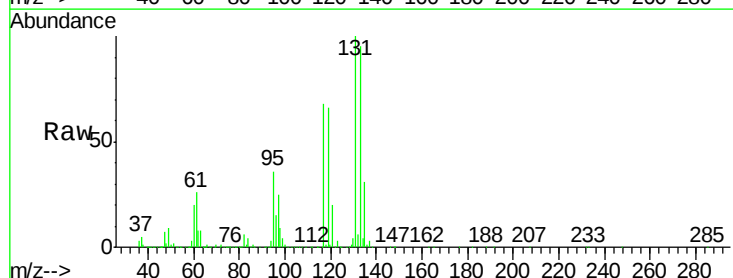
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

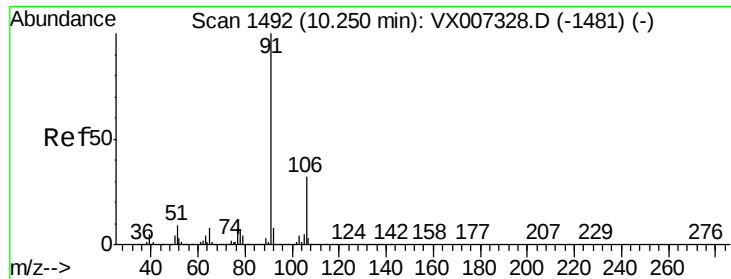
Tot Ion:112 Resp: 624640
Ion Ratio Lower Upper
112 100
114 32.7 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.863 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

Tgt Ion:131 Resp: 230974
Ion Ratio Lower Upper
131 100
133 95.3 48.0 144.2
119 65.1 32.0 96.0

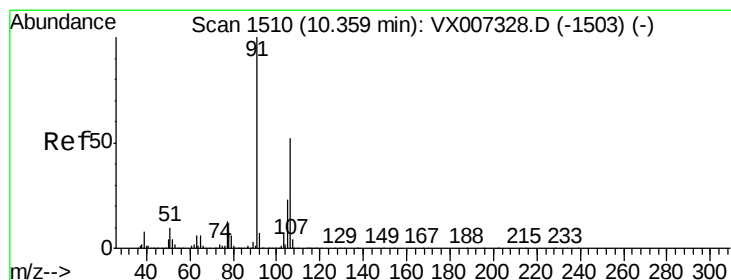
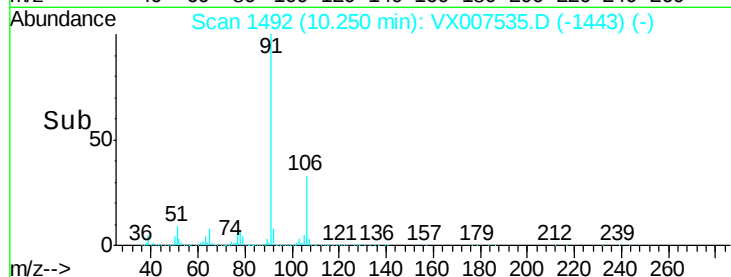
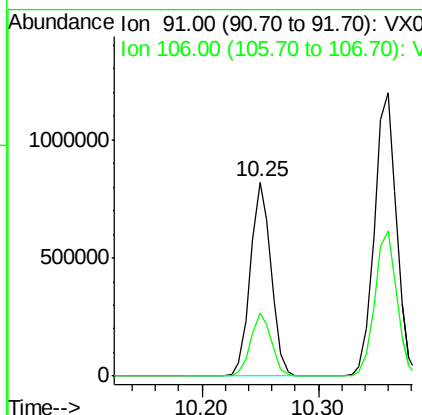
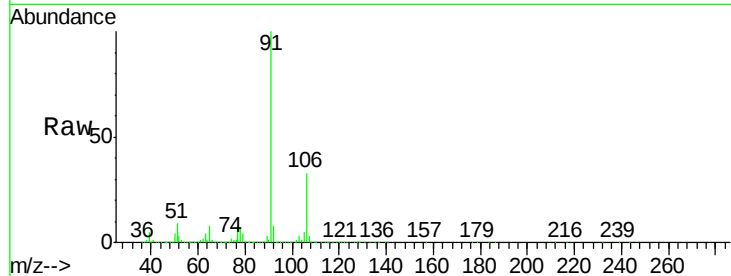




#67
Ethyl Benzene
Concen: 46.124 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

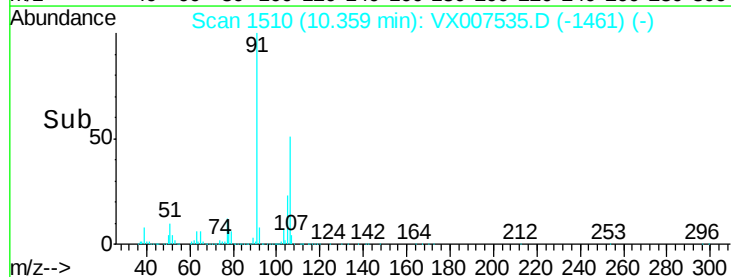
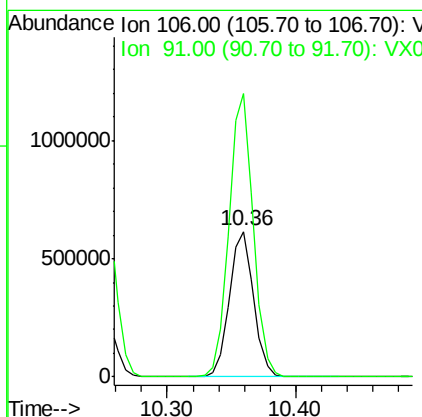
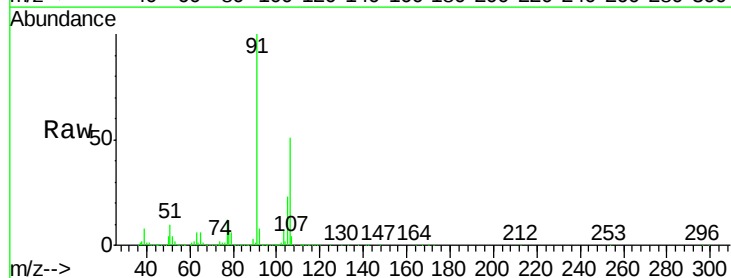
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

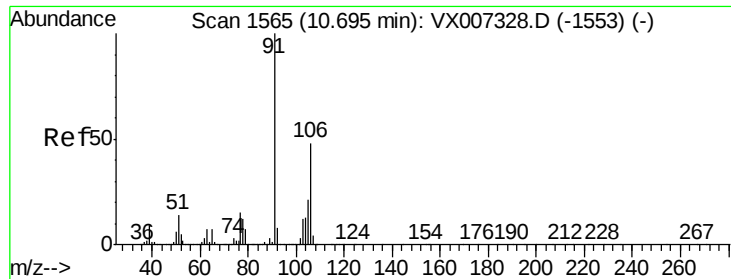
Tot Ion: 91 Resp: 1026222
Ion Ratio Lower Upper
91 100
106 32.5 25.4 38.0



#68
m/p-Xylenes
Concen: 91.411 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

Tgt Ion: 106 Resp: 808480
Ion Ratio Lower Upper
106 100
91 194.8 156.6 234.8

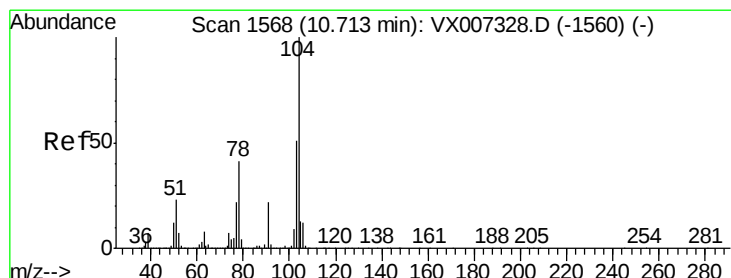
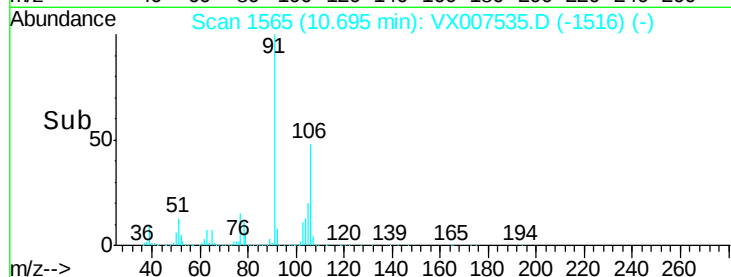
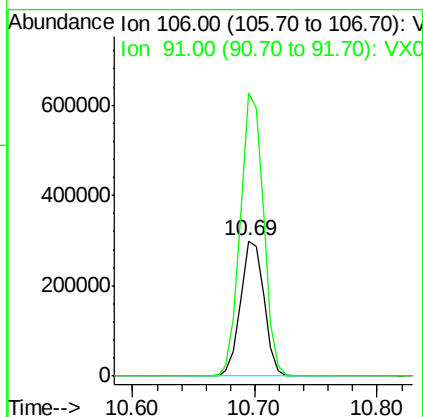
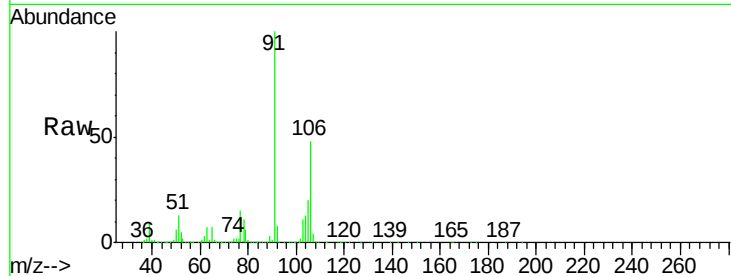




#69
o-Xylene
Concen: 46.620 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

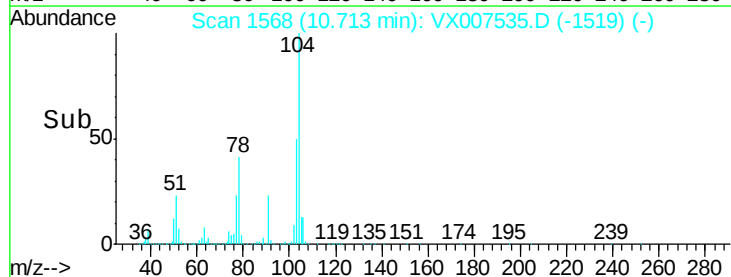
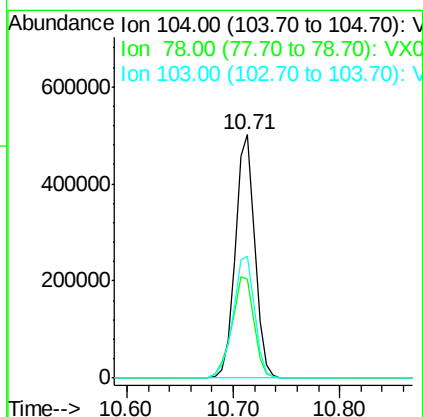
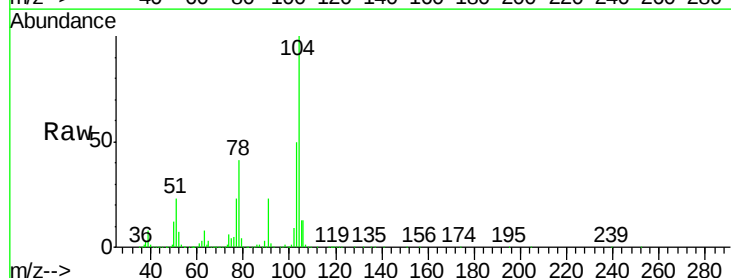
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

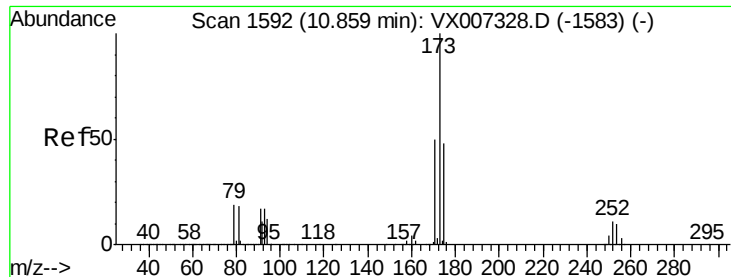
Tot Ion:106 Resp: 396764
Ion Ratio Lower Upper
106 100
91 206.4 102.9 308.7



#70
Styrene
Concen: 46.783 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

Tgt Ion:104 Resp: 645712
Ion Ratio Lower Upper
104 100
78 47.5 38.3 57.5
103 55.5 44.6 67.0





#71

Bromoform

Concen: 45.736 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

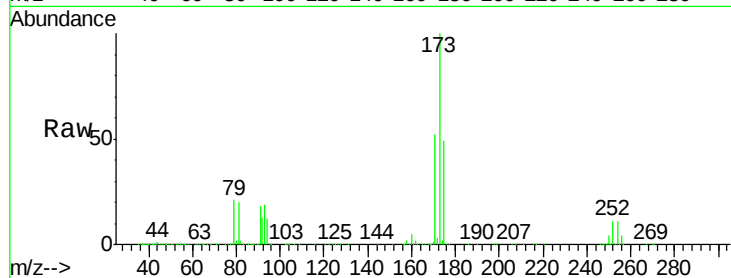
Tot Ion:173 Resp: 184297

Ion Ratio Lower Upper

173 100

175 48.5 24.2 72.6

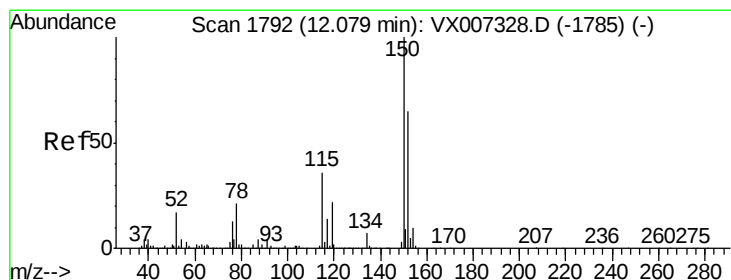
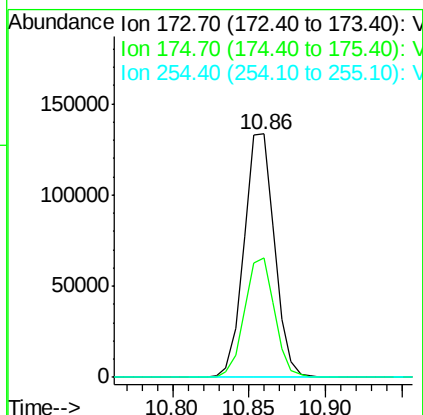
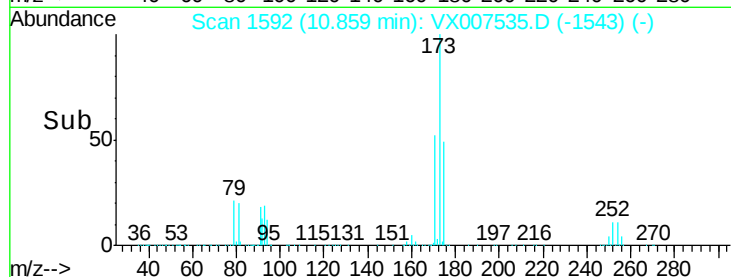
254 0.2 0.2 0.2



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: VX007535.D

Acq: 13 Feb 2019 21:50

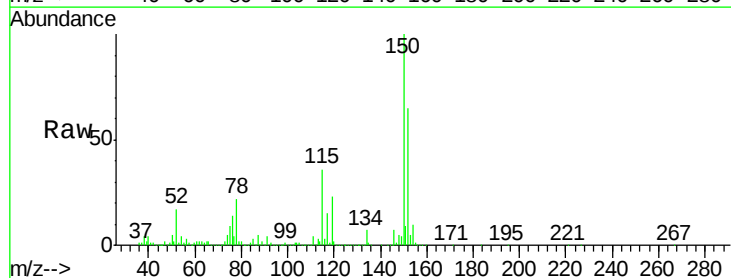
Tgt Ion:152 Resp: 320291

Ion Ratio Lower Upper

152 100

115 77.1 38.0 114.0

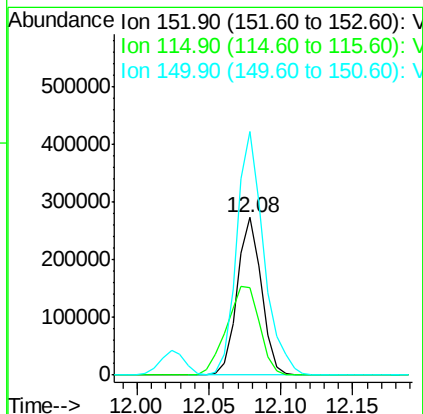
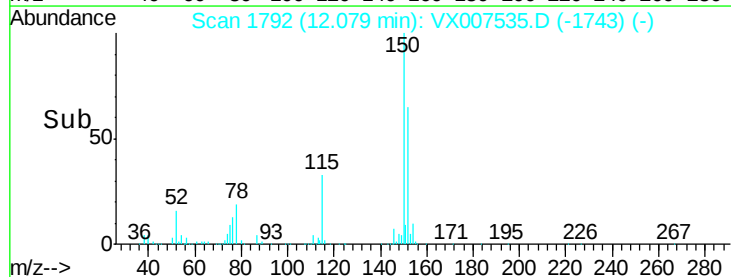
150 173.0 0.0 346.4

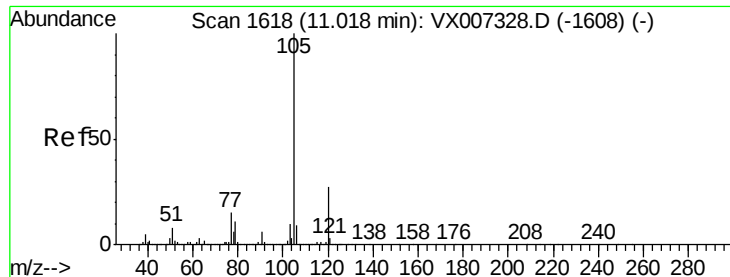


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.215 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

Instrument :

MSVOA_X

ClientSampleId :

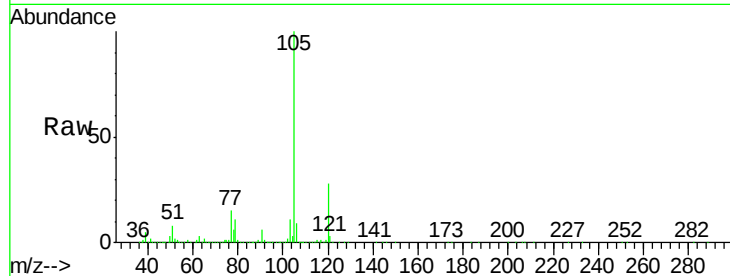
VSTDCCC050EC

Tot Ion:105 Resp: 1049418

Ion Ratio Lower Upper

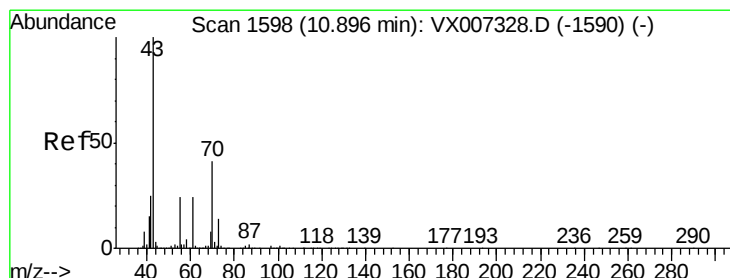
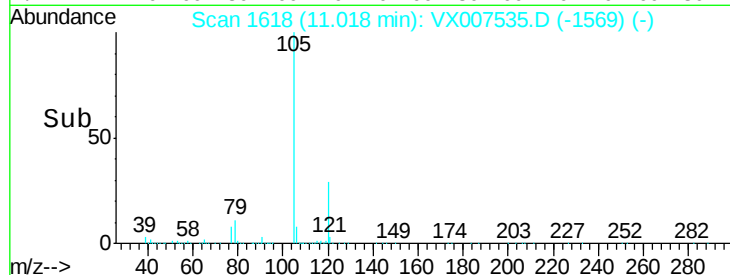
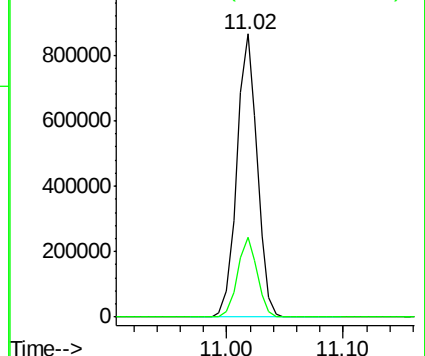
105 100

120 27.5 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.713 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

Tgt Ion: 43 Resp: 435355

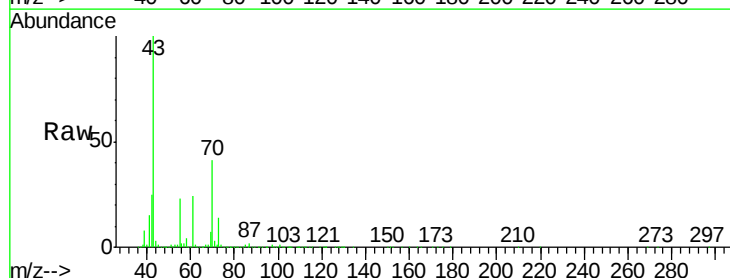
Ion Ratio Lower Upper

43 100

70 42.4 33.8 50.6

55 24.0 19.5 29.3

61 24.3 19.4 29.2

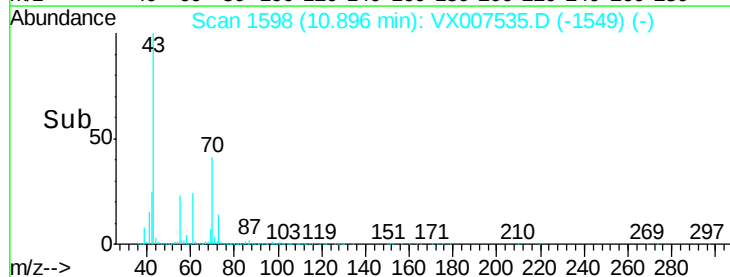
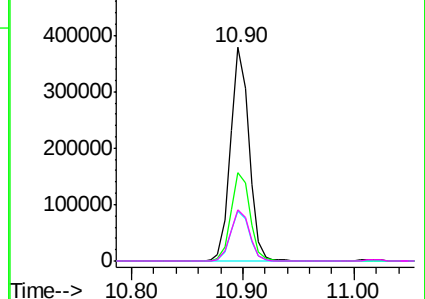


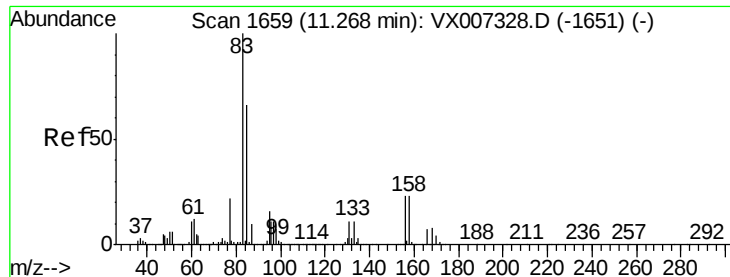
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.287 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

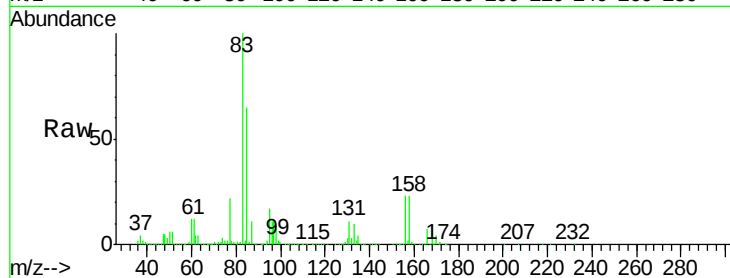
Tot Ion: 83 Resp: 340197

Ion Ratio Lower Upper

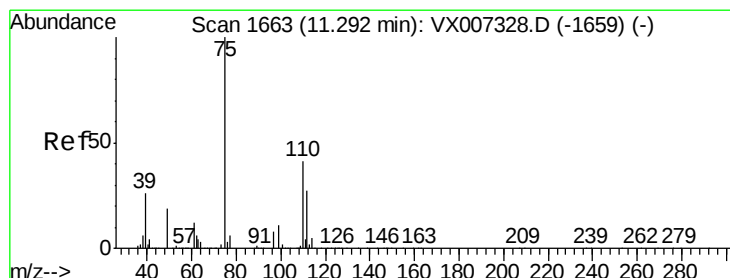
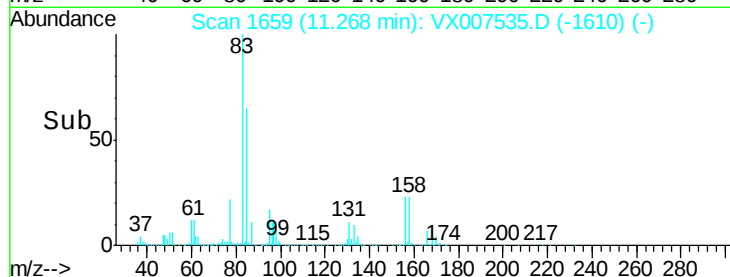
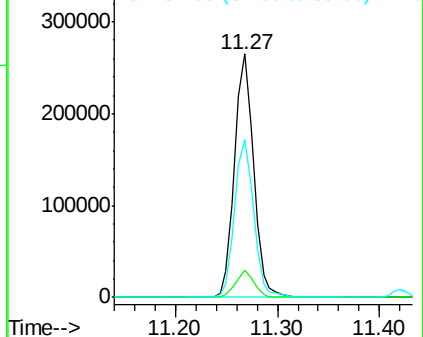
83 100

131 10.7 5.7 17.0

85 65.0 32.8 98.3



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 61.815 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.01 min

Lab File: VX007535.D

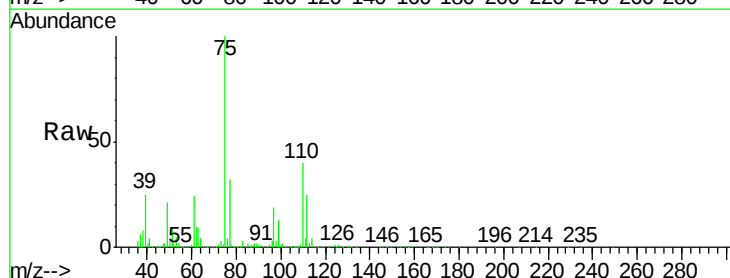
Acq: 13 Feb 2019 21:50

Tgt Ion: 75 Resp: 385112

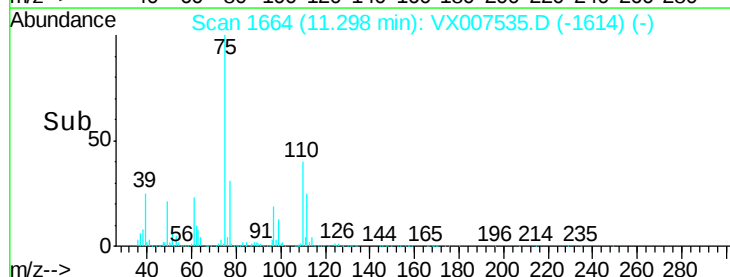
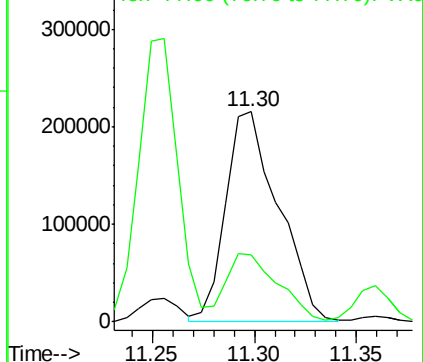
Ion Ratio Lower Upper

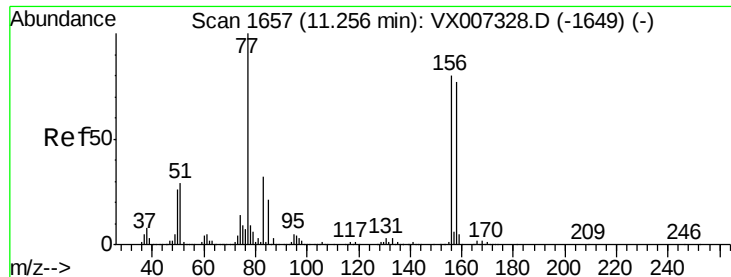
75 100

77 32.8 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: 46.636 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

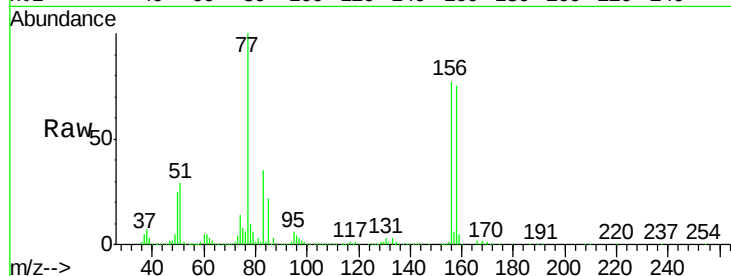
Tot Ion:156 Resp: 285999

Ion Ratio Lower Upper

156 100

77 134.2 66.8 200.6

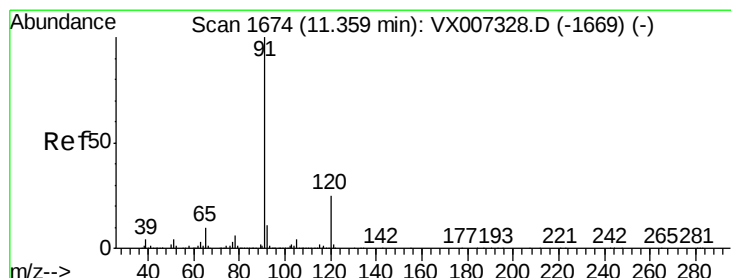
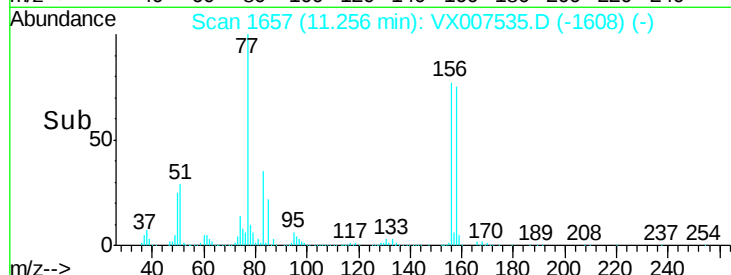
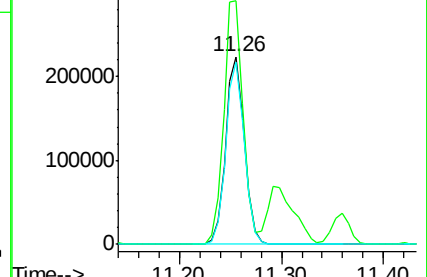
158 96.4 47.9 143.8



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: 48.856 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007535.D

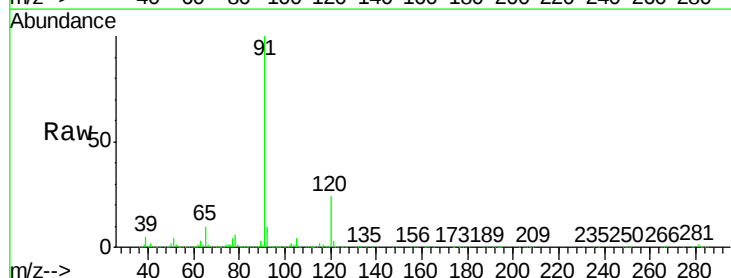
Acq: 13 Feb 2019 21:50

Tgt Ion: 91 Resp: 1166061

Ion Ratio Lower Upper

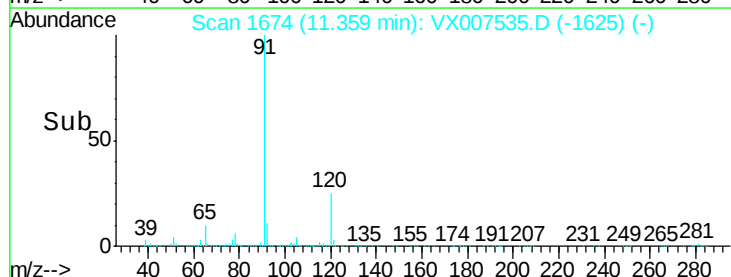
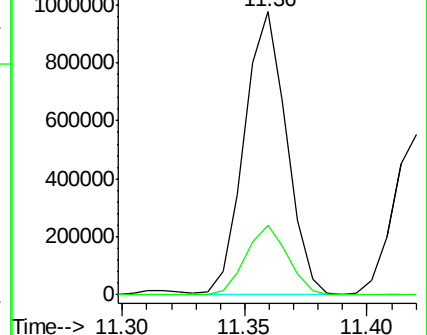
91 100

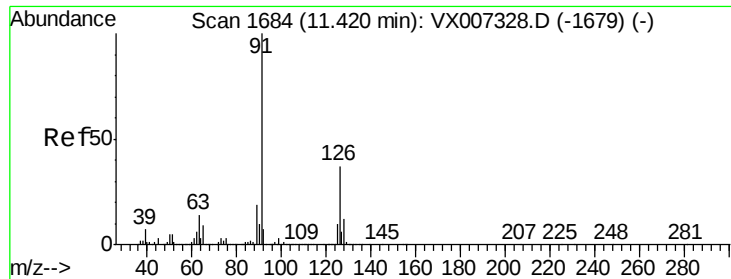
120 24.5 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

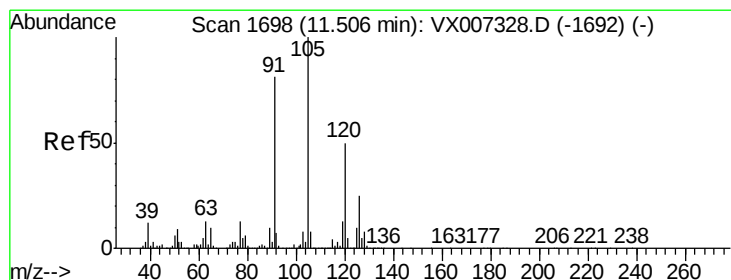
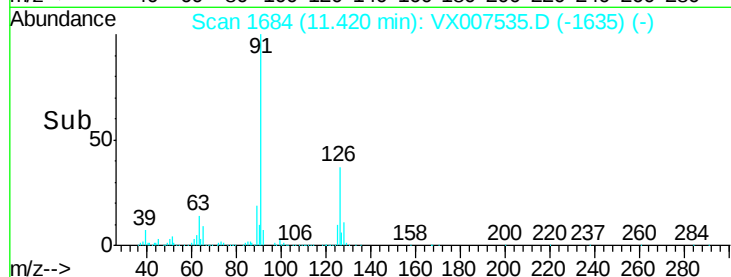
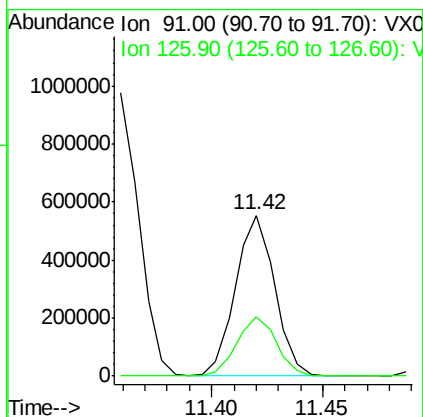
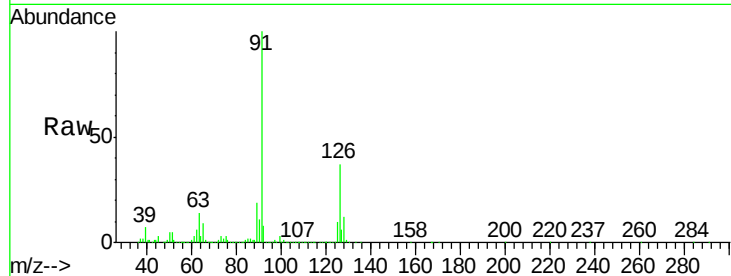




#79
 2-Chlorotoluene
 Concen: 47.045 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX007535.D
 Acq: 13 Feb 2019 21:50

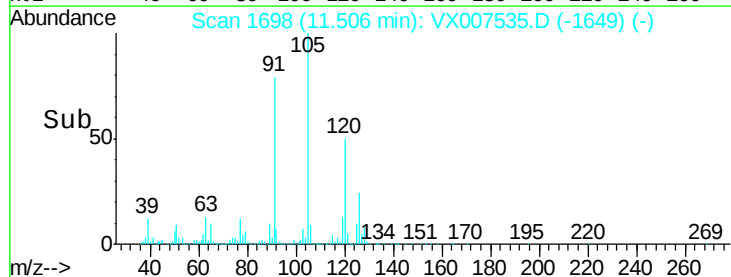
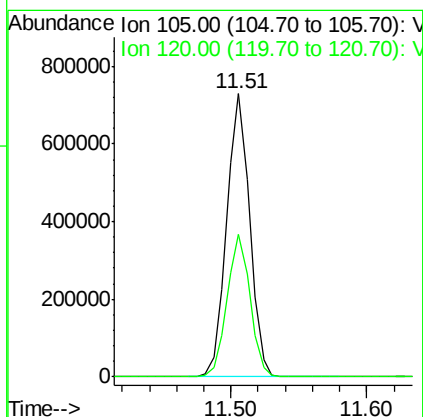
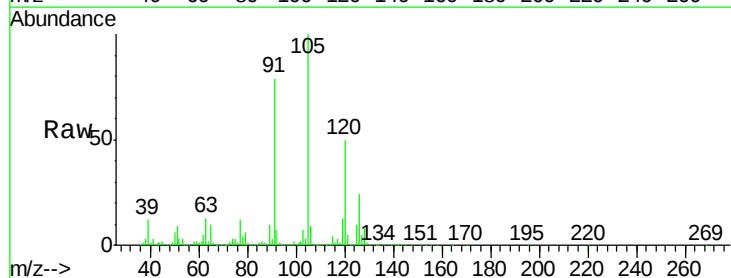
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

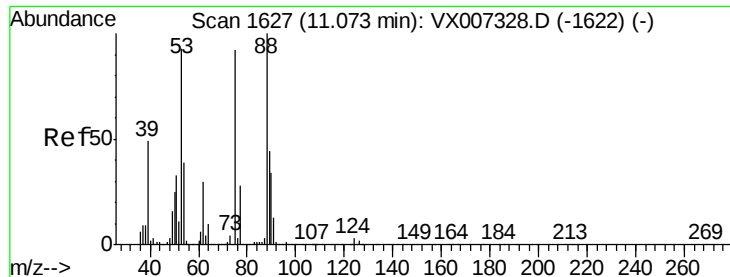
Tot Ion: 91 Resp: 681313
 Ion Ratio Lower Upper
 91 100
 126 37.2 18.7 56.1



#80
 1,3,5-Trimethylbenzene
 Concen: 47.942 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX007535.D
 Acq: 13 Feb 2019 21:50

Tgt Ion: 105 Resp: 853686
 Ion Ratio Lower Upper
 105 100
 120 50.2 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 47.121 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

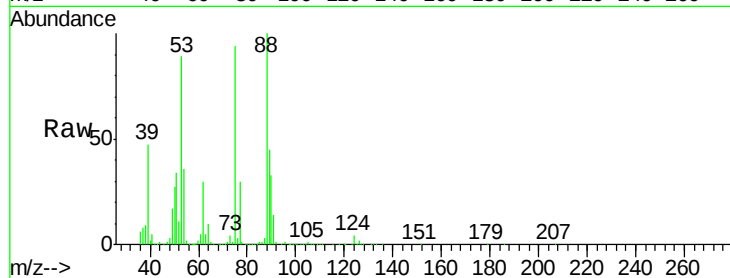
Tot Ion: 75 Resp: 94441

Ion Ratio Lower Upper

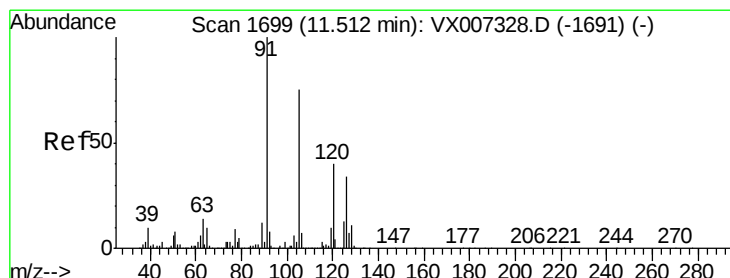
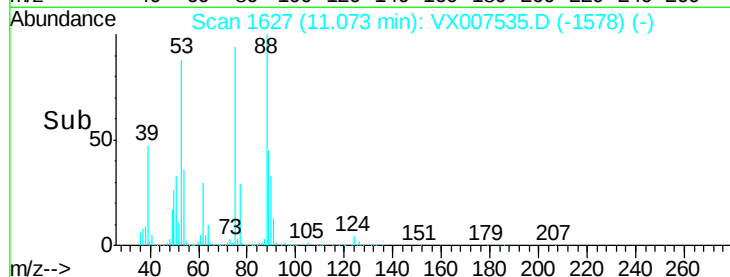
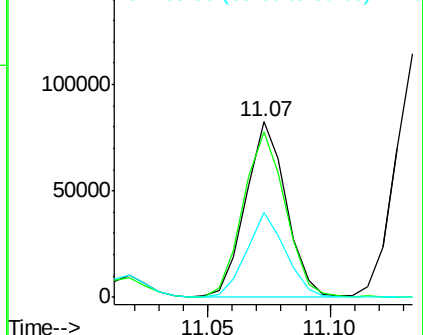
75 100

53 98.4 81.0 121.6

89 47.3 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: 47.413 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX007535.D

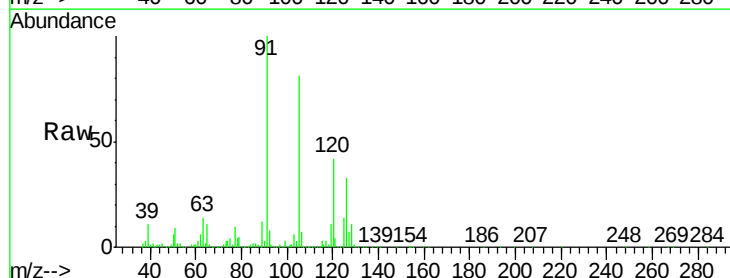
Acq: 13 Feb 2019 21:50

Tgt Ion: 91 Resp: 794511

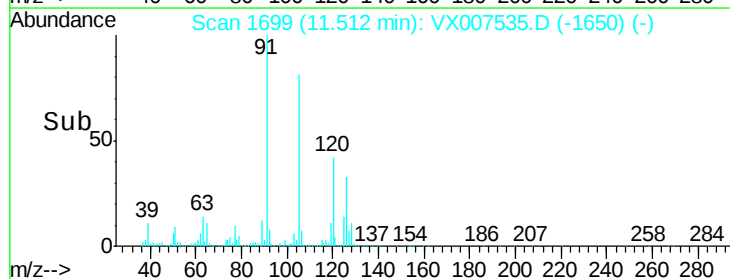
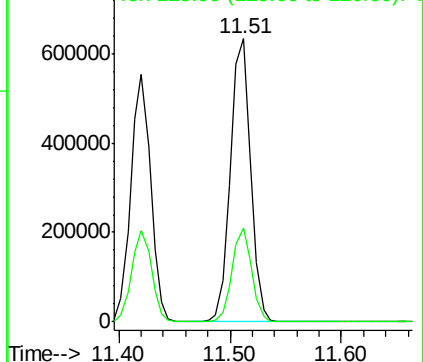
Ion Ratio Lower Upper

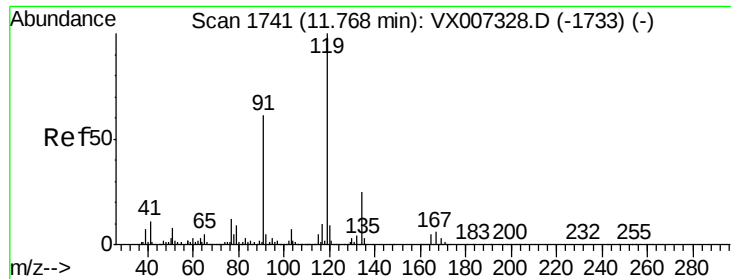
91 100

126 32.1 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: 48.612 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

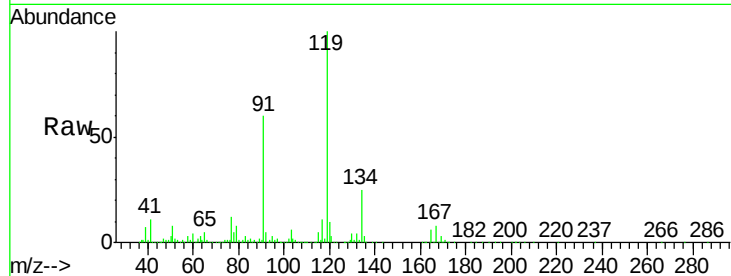
Tot Ion:119 Resp: 857022

Ion Ratio Lower Upper

119 100

91 56.2 28.5 85.6

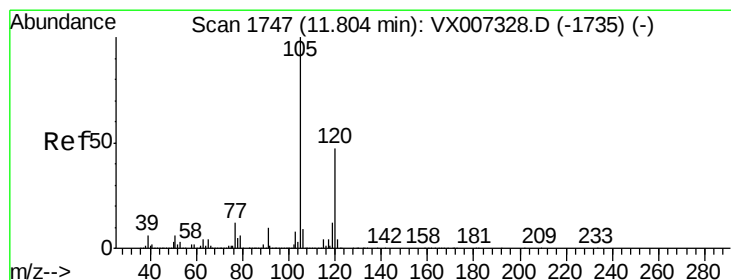
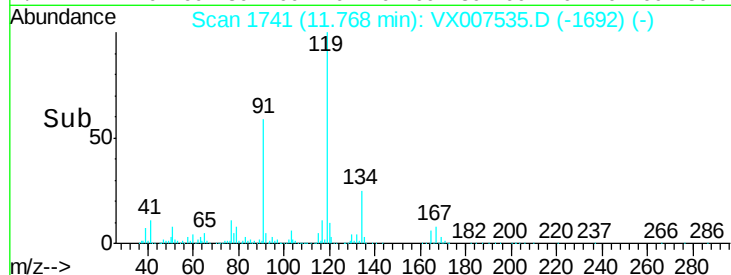
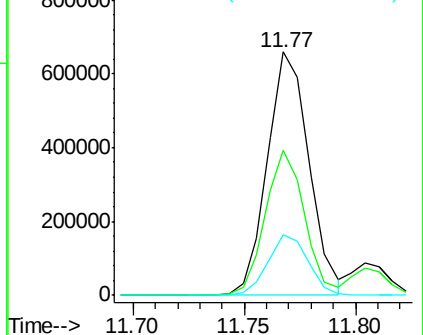
134 24.2 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 48.337 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007535.D

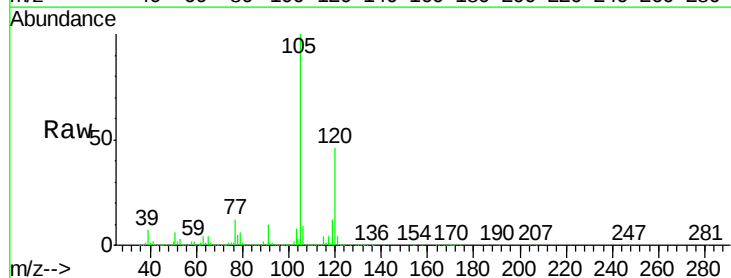
Acq: 13 Feb 2019 21:50

Tgt Ion:105 Resp: 873839

Ion Ratio Lower Upper

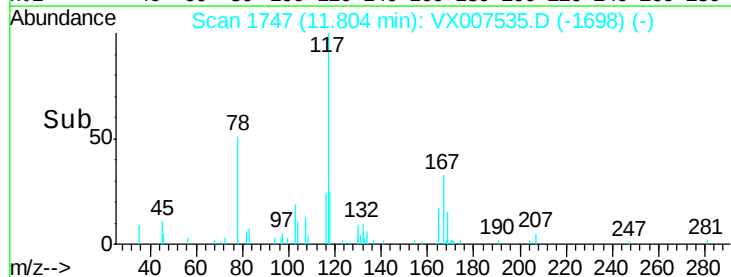
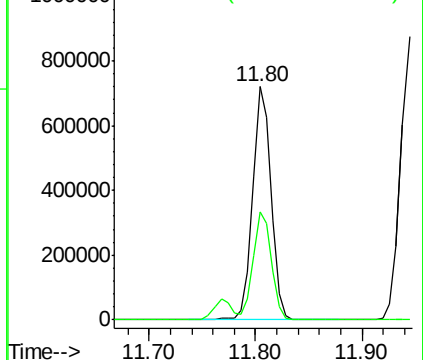
105 100

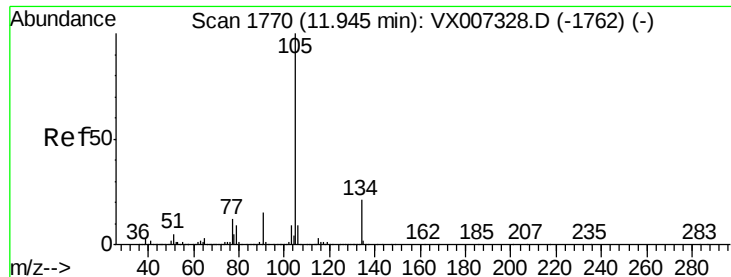
120 45.8 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 48.391 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

Instrument :

MSVOA_X

ClientSampleId :

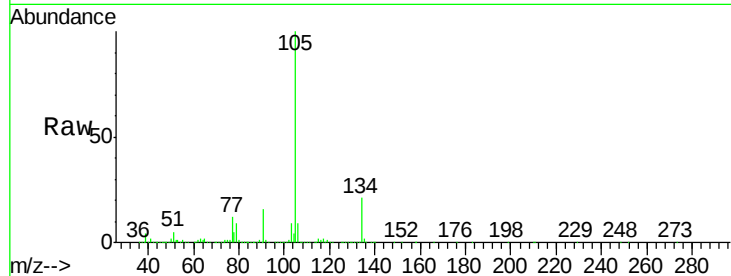
VSTDCCC050EC

Tot Ion:105 Resp: 1032553

Ion Ratio Lower Upper

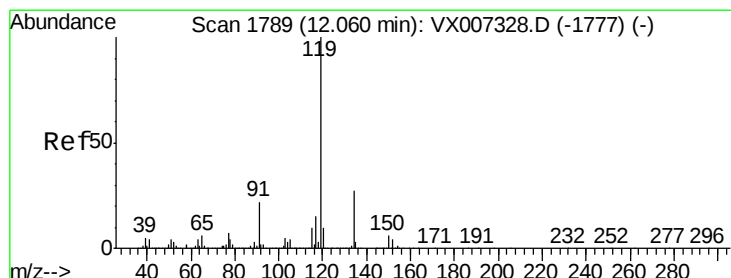
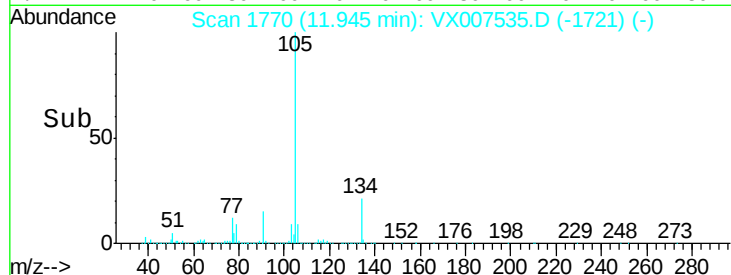
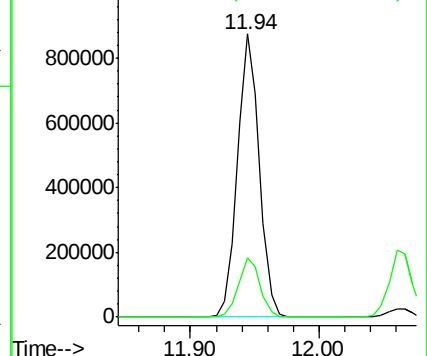
105 100

134 20.8 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.322 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

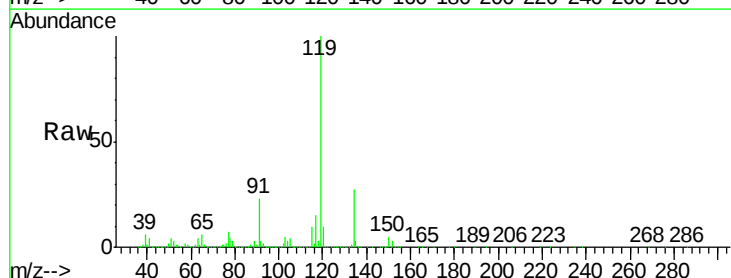
Tgt Ion:119 Resp: 930758

Ion Ratio Lower Upper

119 100

134 27.0 13.7 41.1

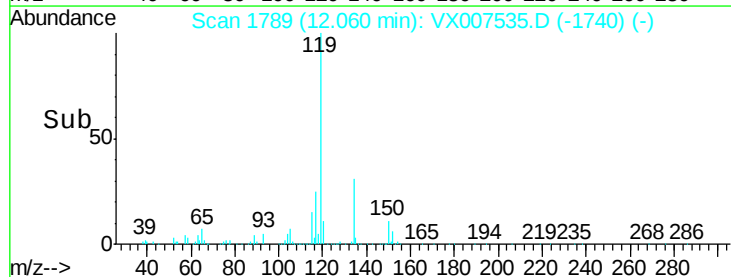
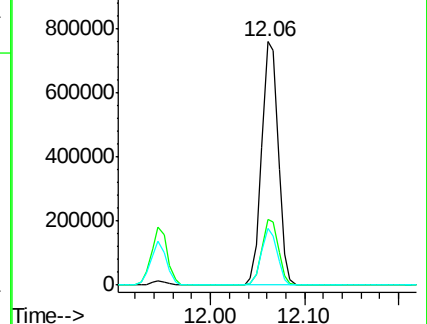
91 22.3 11.2 33.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 45.125 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

Instrument :

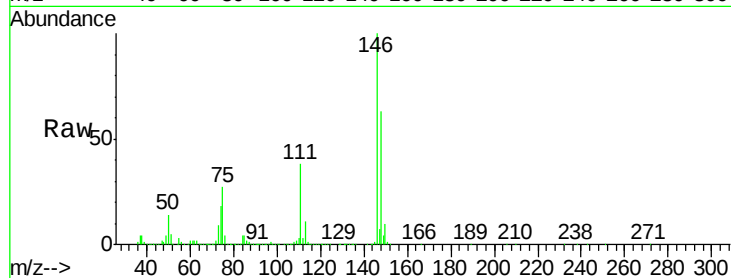
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:146 Resp: 496635

Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.1	54.1
148	64.6	32.0	96.2

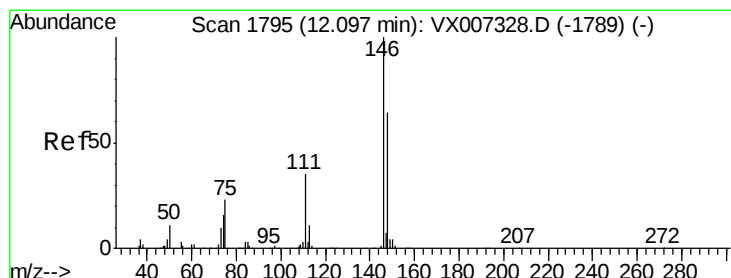
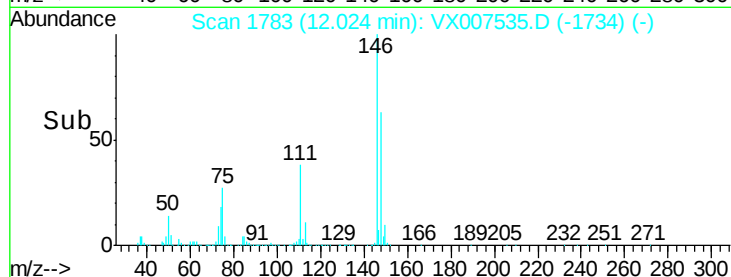
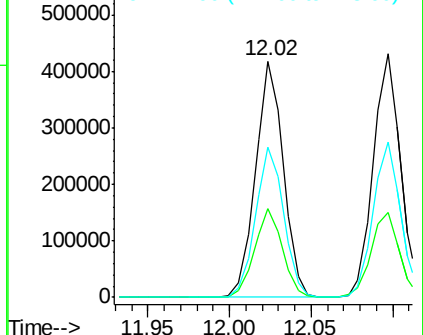


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 44.988 ug/l

RT: 12.10 min Scan# 1795

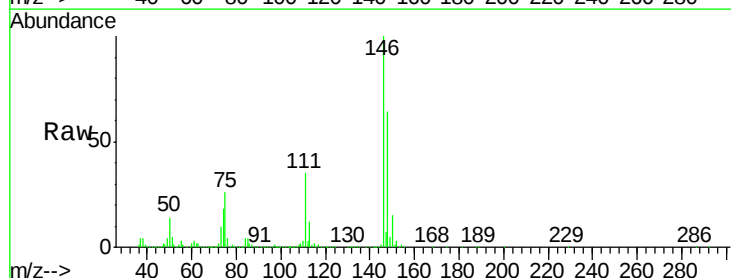
Delta R.T. -0.00 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

Tgt Ion:146 Resp: 502329

Ion	Ratio	Lower	Upper
146	100		
111	36.1	18.1	54.1
148	63.9	32.3	96.9

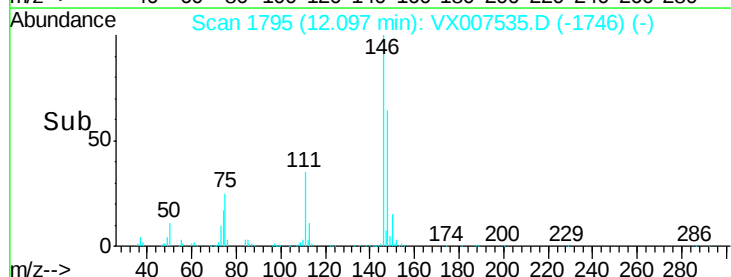
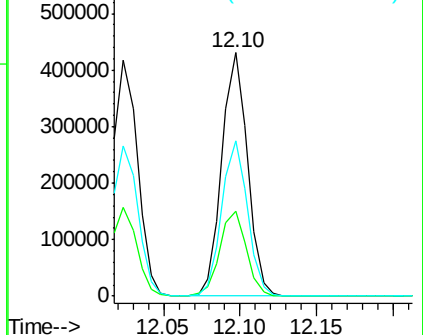


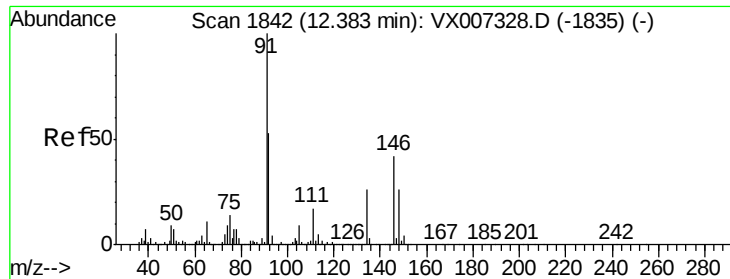
Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 46.865 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.01 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

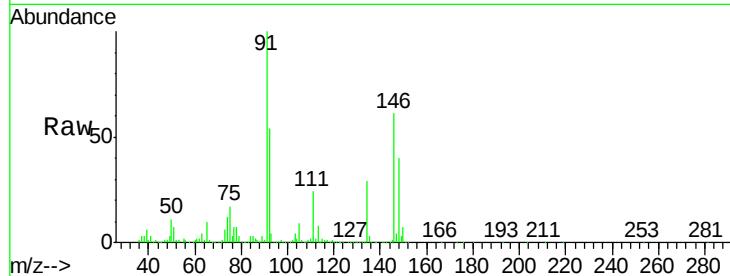
Tot Ion: 91 Resp: 776529

Ion Ratio Lower Upper

91 100

92 52.5 26.3 78.9

134 28.0 13.9 41.6

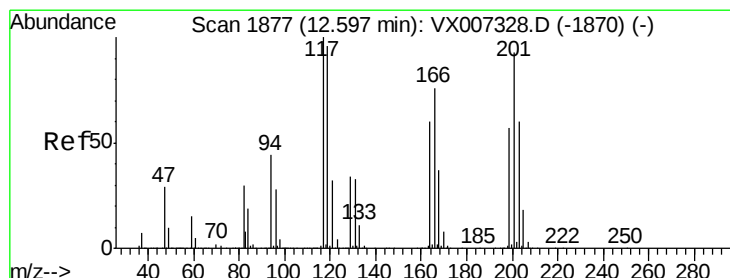
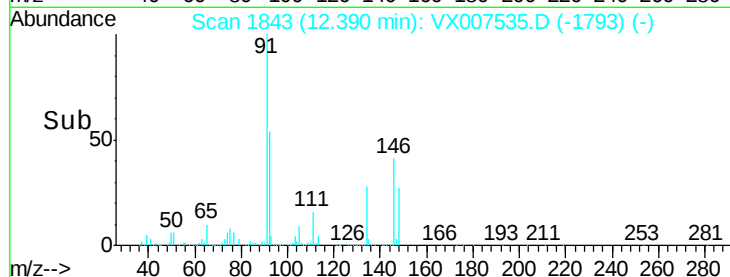


Abundance Ion 91.00 (90.70 to 91.70): VX007328.D (-1835) (-)

Ion 92.00 (91.70 to 92.70): VX007328.D (-1835) (-)

Ion 134.00 (133.70 to 134.70): VX007328.D (-1835) (-)

Time-->



#90

Hexachloroethane

Concen: 53.029 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX007535.D

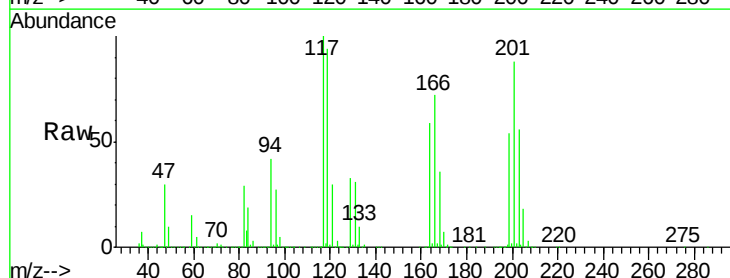
Acq: 13 Feb 2019 21:50

Tgt Ion: 117 Resp: 152868

Ion Ratio Lower Upper

117 100

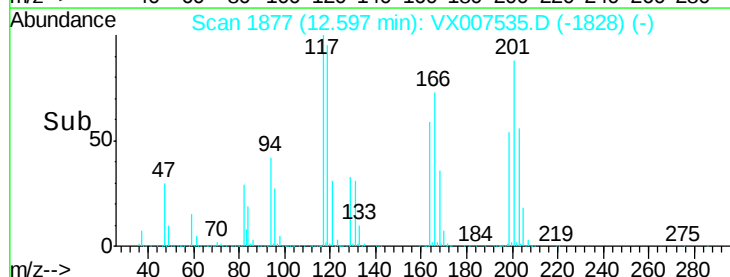
201 87.2 44.9 134.7

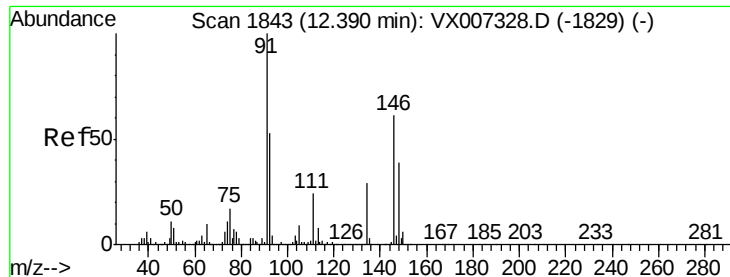


Abundance Ion 116.80 (116.50 to 117.50): VX007328.D (-1870) (-)

Ion 200.70 (200.40 to 201.40): VX007328.D (-1870) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 44.767 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

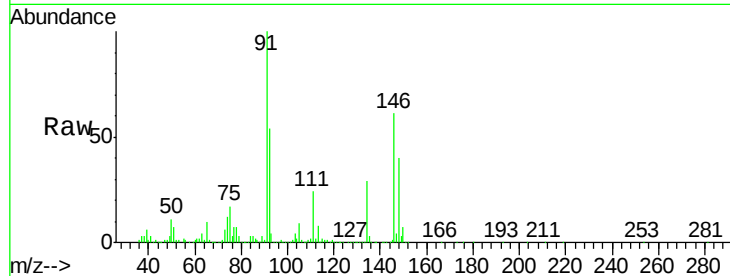
Tot Ion:146 Resp: 490329

Ion Ratio Lower Upper

146 100

111 38.7 19.1 57.3

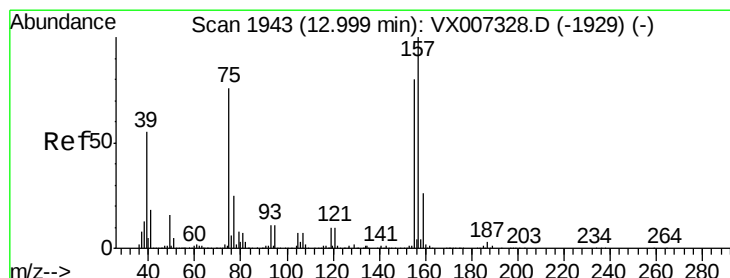
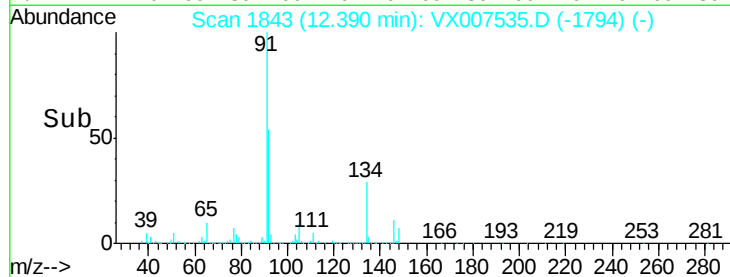
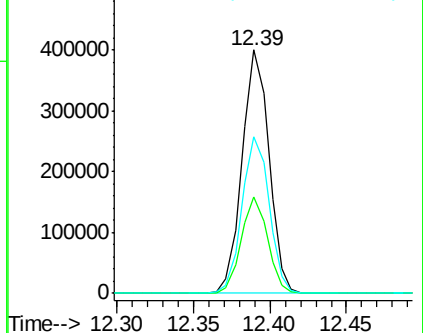
148 65.0 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 55.901 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

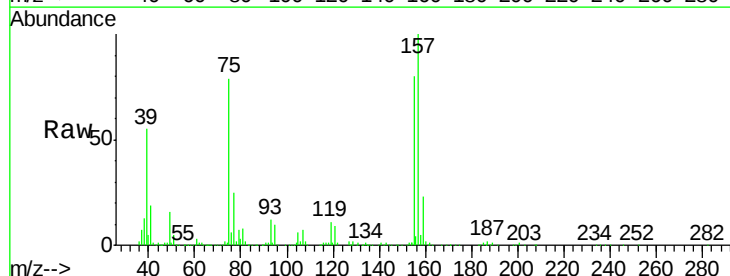
Tgt Ion: 75 Resp: 77102

Ion Ratio Lower Upper

75 100

155 97.7 49.6 149.0

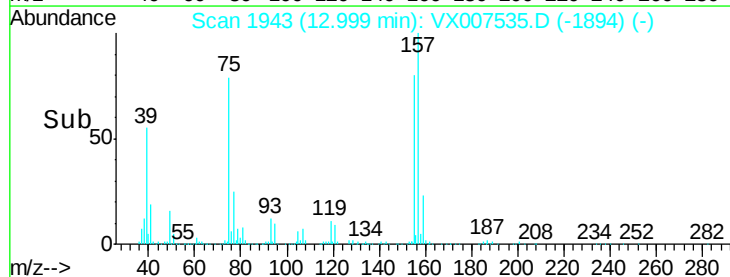
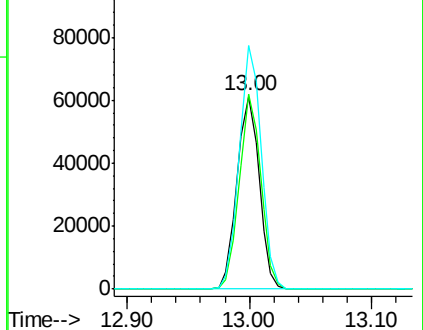
157 124.5 65.1 195.3

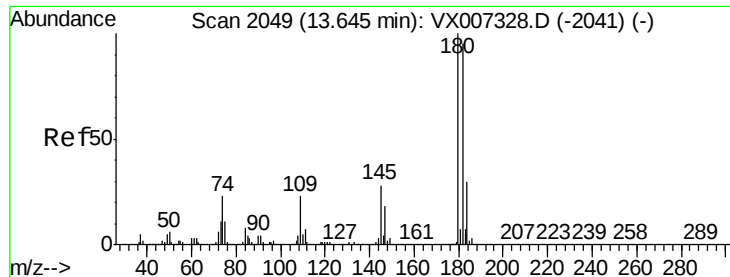


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

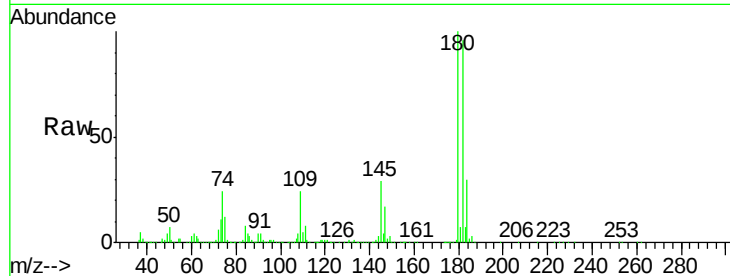




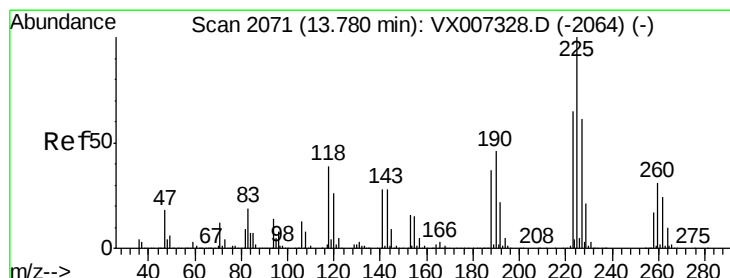
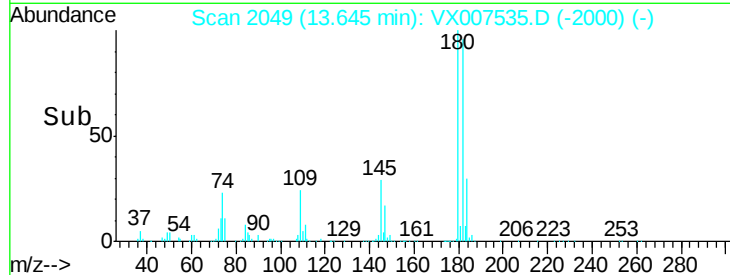
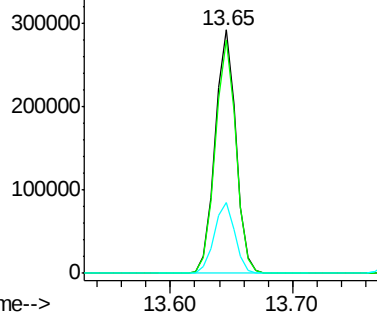
#93
 1,2,4-Trichlorobenzene
 Concen: 46.208 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007535.D
 Acq: 13 Feb 2019 21:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.8	143.3
145	29.1	14.1	42.2

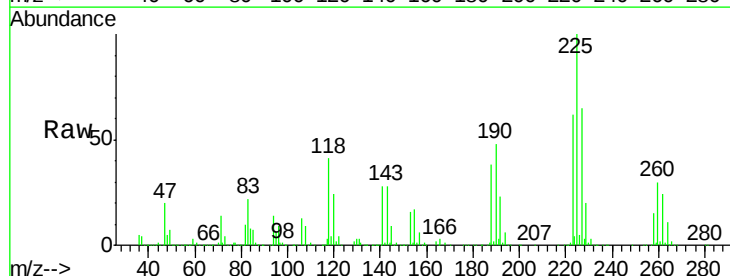


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

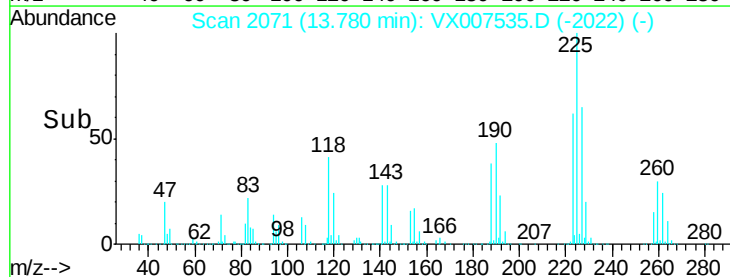
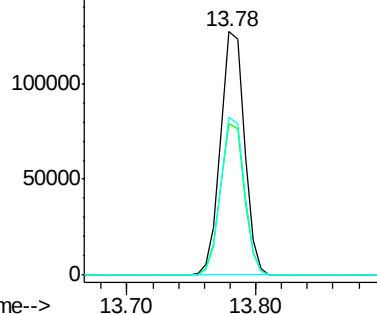


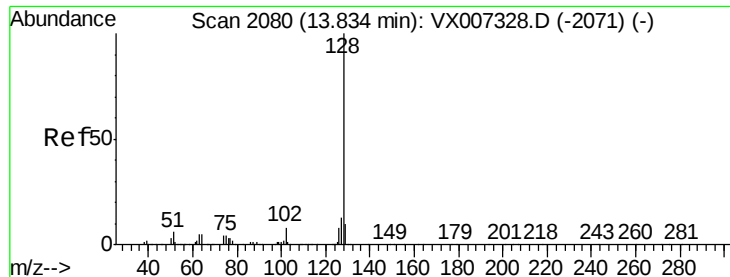
#94
 Hexachlorobutadiene
 Concen: 45.040 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007535.D
 Acq: 13 Feb 2019 21:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.6	94.8
227	64.2	32.1	96.3



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

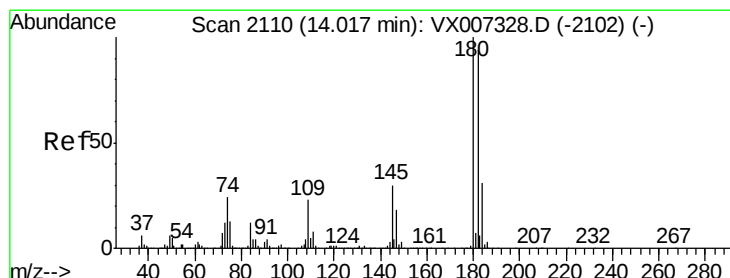
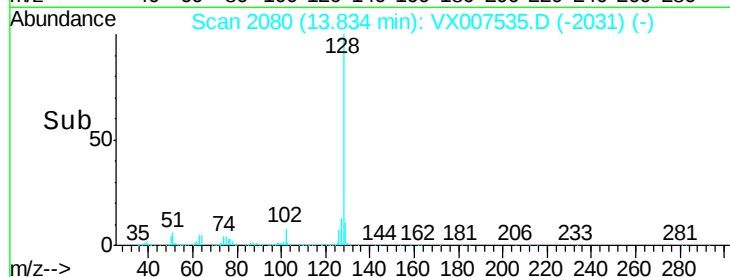
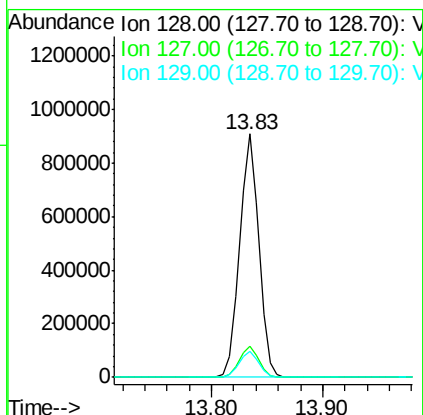
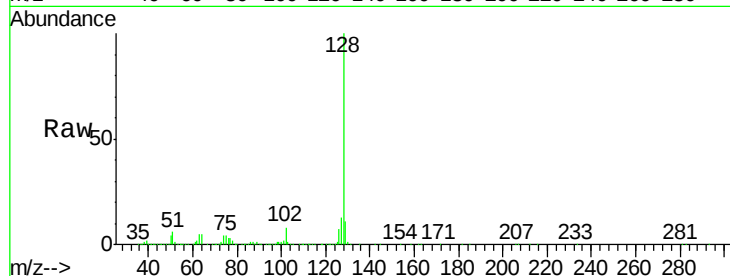




#95
Naphthalene
Concen: 50.214 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 1084657
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 46.459 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

Tgt Ion:180 Resp: 345434
Ion Ratio Lower Upper
180 100
182 95.4 47.5 142.6
145 30.1 14.9 44.5

