

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020419\
 Data File : VX007363.D
 Acq On : 04 Feb 2019 16:56
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 05 00:00:27 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	5.67	168	493236	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	723114	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	661596	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	342083	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	252799	48.29	ug/l	0.00
Spiked Amount			Recovery	=	96.58%	
35) Dibromofluoromethane	5.51	113	227775	48.41	ug/l	0.00
Spiked Amount			Recovery	=	96.82%	
50) Toluene-d8	8.71	98	861514	49.35	ug/l	0.00
Spiked Amount			Recovery	=	98.70%	
62) 4-Bromofluorobenzene	11.13	95	302225	47.42	ug/l	0.00
Spiked Amount			Recovery	=	94.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	293899	48.495	ug/l	99
3) Chloromethane	1.33	50	266641	47.995	ug/l	100
4) Vinyl Chloride	1.41	62	278316	51.065	ug/l	100
5) Bromomethane	1.64	94	268383	49.800	ug/l	99
6) Chloroethane	1.72	64	168238	47.718	ug/l	99
7) Trichlorofluoromethane	1.93	101	417149	48.927	ug/l	99
8) Diethyl Ether	2.19	74	151680	47.266	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	239351	47.195	ug/l	99
10) Methyl Iodide	2.51	142	374146	50.150	ug/l	99
11) Tert butyl alcohol	3.07	59	282603	260.836	ug/l	98
12) 1,1-Dichloroethene	2.37	96	219829	46.679	ug/l	98
13) Acrolein	2.30	56	145374	286.136	ug/l	99
14) Allyl chloride	2.73	41	382936	49.904	ug/l	99
15) Acrylonitrile	3.15	53	671391	250.498	ug/l	100
16) Acetone	2.45	43	627044	261.470	ug/l	100
17) Carbon Disulfide	2.57	76	575230	46.850	ug/l	100
18) Methyl Acetate	2.78	43	358351	57.263	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	743015	48.699	ug/l	99
20) Methylene Chloride	2.86	84	247103	50.449	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	234386	46.721	ug/l	99
22) Diisopropyl ether	3.87	45	686600	48.644	ug/l	98
23) Vinyl Acetate	3.82	43	2956770	252.441	ug/l	100
24) 1,1-Dichloroethane	3.70	63	382345	47.170	ug/l	99
25) 2-Butanone	4.70	43	881852	258.391	ug/l	97
26) 2,2-Dichloropropane	4.59	77	301931	48.912	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	251990	45.988	ug/l	98
28) Bromochloromethane	5.02	49	176770	47.422	ug/l	97
29) Tetrahydrofuran	5.15	42	563937	262.729	ug/l	99
30) Chloroform	5.21	83	405909	47.990	ug/l	100
31) Cyclohexane	5.57	56	341407	46.896	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	352779	49.412	ug/l	99
36) 1,1-Dichloropropene	5.80	75	297813	45.902	ug/l	99
37) Ethyl Acetate	4.85	43	327195	49.888	ug/l	100
38) Carbon Tetrachloride	5.79	117	310561	49.339	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	365752	46.593	ug/l	96
40) Benzene	6.14	78	906813	47.448	ug/l	98
41) Methacrylonitrile	5.06	41	179354	51.024	ug/l	99
42) 1,2-Dichloroethane	6.20	62	308366	46.633	ug/l	99
43) Isopropyl Acetate	6.46	43	517872	51.156	ug/l	100
44) Trichloroethene	7.21	130	263576	45.791	ug/l	96
45) 1,2-Dichloropropane	7.51	63	228734	47.767	ug/l	100
46) Dibromomethane	7.66	93	163647	47.020	ug/l	99
47) Bromodichloromethane	7.90	83	298295	50.572	ug/l	99
48) Methyl methacrylate	7.77	41	267300	52.788	ug/l	100
49) 1,4-Dioxane	7.75	88	121754	1056.895	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1708267	256.333	ug/l	100
52) Toluene	8.79	92	589200	47.783	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	334630	52.816	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	357488	51.309	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	246665	47.989	ug/l	98
56) Ethyl methacrylate	9.18	69	354524	49.800	ug/l	100
57) 1,3-Dichloropropane	9.37	76	389315	47.628	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	949258	252.982	ug/l	99
59) 2-Hexanone	9.49	43	1303458	251.347	ug/l	100
60) Dibromochloromethane	9.59	129	259671	53.417	ug/l	99
61) 1,2-Dibromoethane	9.67	107	264008	48.501	ug/l	98
64) Tetrachloroethene	9.34	164	271230	43.496	ug/l	97
65) Chlorobenzene	10.14	112	673411	46.644	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	245653	50.751	ug/l	99
67) Ethyl Benzene	10.25	91	1119241	48.140	ug/l	98
68) m/p-Xylenes	10.36	106	889327	96.227	ug/l	99
69) o-Xylene	10.70	106	431054	48.471	ug/l	100
70) Styrene	10.71	104	697047	48.330	ug/l	100
71) Bromoform	10.86	173	197690	46.843	ug/l	99
73) Isopropylbenzene	11.02	105	1148382	49.400	ug/l	99
74) N-amyl acetate	10.90	43	463599	51.560	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	352207	49.715	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	422793	63.540	ug/l	77
77) Bromobenzene	11.26	156	310130	47.350	ug/l	98
78) n-propylbenzene	11.36	91	1286092	50.453	ug/l	100
79) 2-Chlorotoluene	11.42	91	745405	48.192	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	941276	49.493	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	108050	50.176	ug/l	94
82) 4-Chlorotoluene	11.51	91	878317	49.075	ug/l	99
83) tert-Butylbenzene	11.77	119	953750	50.652	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	967075	50.087	ug/l	99
85) sec-Butylbenzene	11.94	105	1139795	50.014	ug/l	100
86) p-Isopropyltoluene	12.07	119	1033321	50.230	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	542881	46.184	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	548836	46.021	ug/l	99
89) n-Butylbenzene	12.39	91	879486	49.697	ug/l	99
90) Hexachloroethane	12.60	117	165753	53.836	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	544788	46.570	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	77893	52.877	ug/l	99

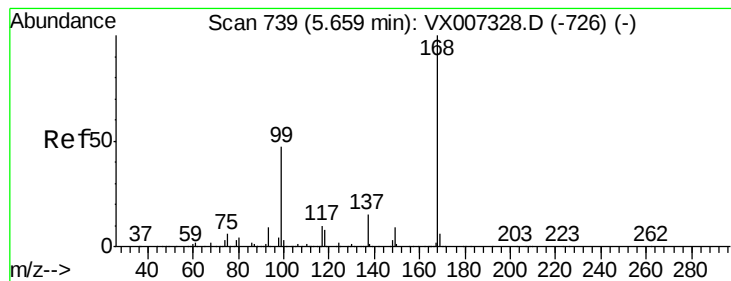
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	377524	47.854	ug/l	99
94) Hexachlorobutadiene	13.78	225	181859	47.473	ug/l	99
95) Naphthalene	13.83	128	1155724	50.096	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	372343	46.888	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

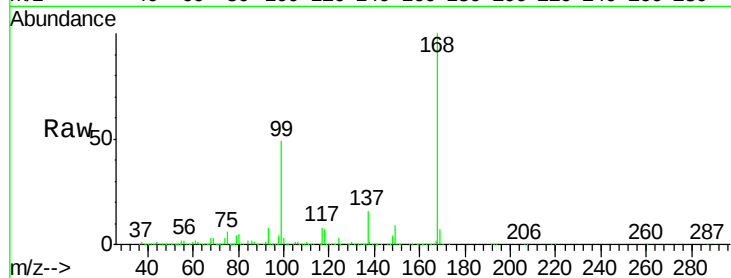
VSTDCCC050EC

Tot Ion:168 Resp: 493236

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

5.67

200000

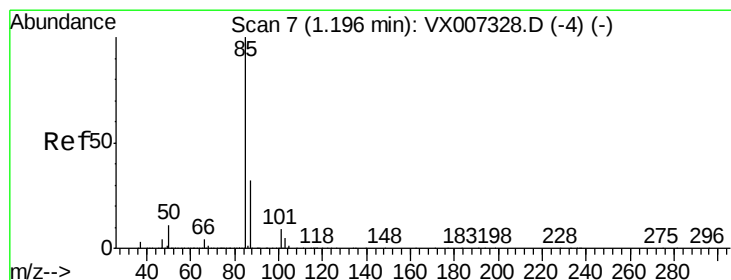
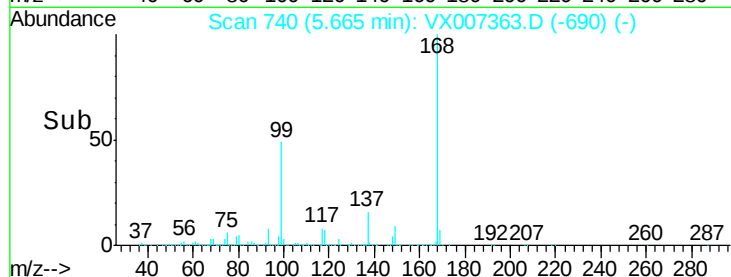
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.495 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007363.D

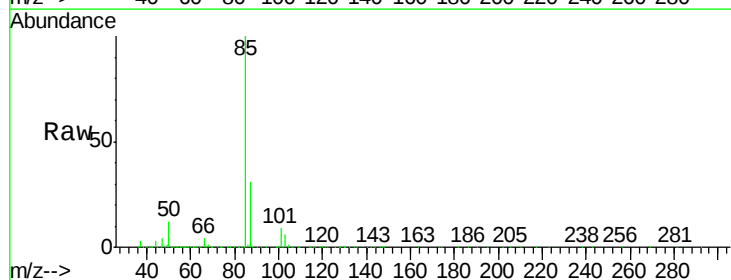
Acq: 04 Feb 2019 16:56

Tgt Ion: 85 Resp: 293899

Ion Ratio Lower Upper

85 100

87 30.8 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

300000

250000

200000

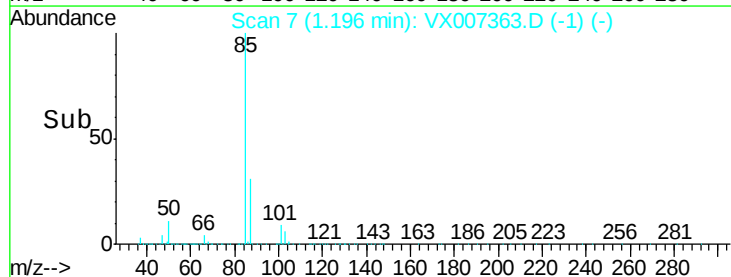
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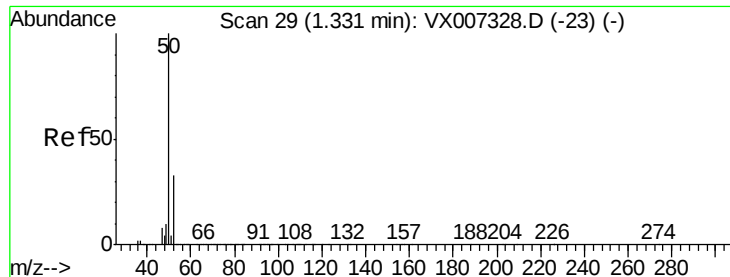
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Time-->

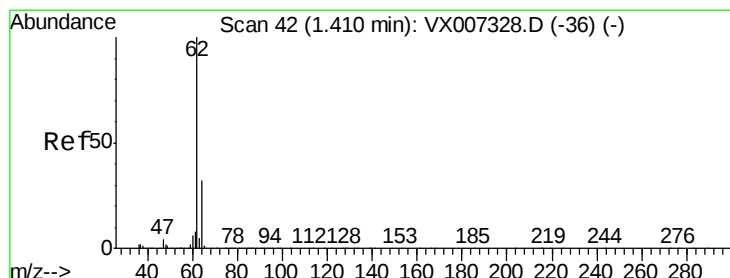
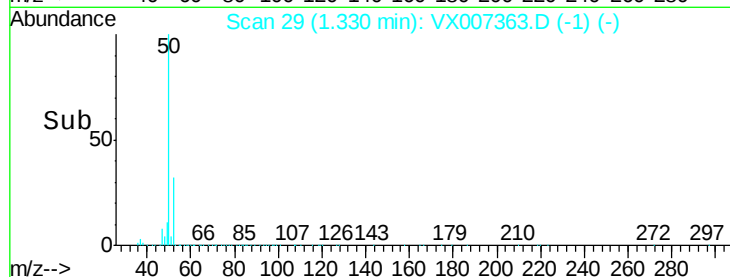
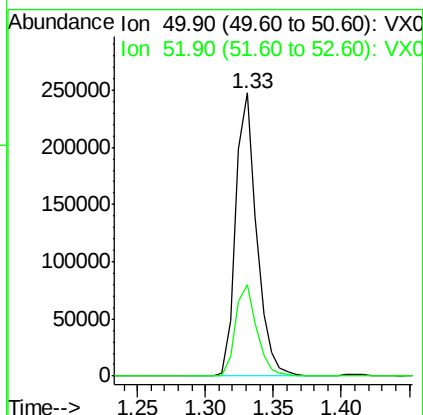
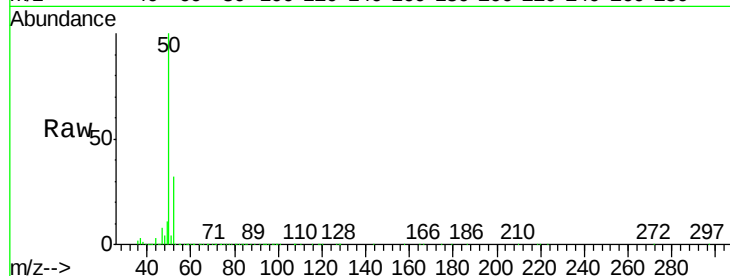




#3
Chloromethane
Concen: 47.995 ug/l
RT: 1.33 min Scan# 29
Delta R.T. -0.00 min
Lab File: VX007363.D
Acq: 04 Feb 2019 16:56

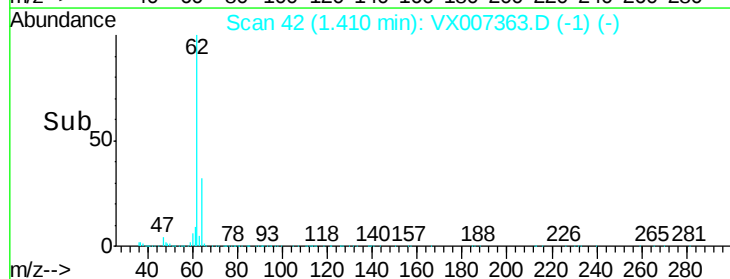
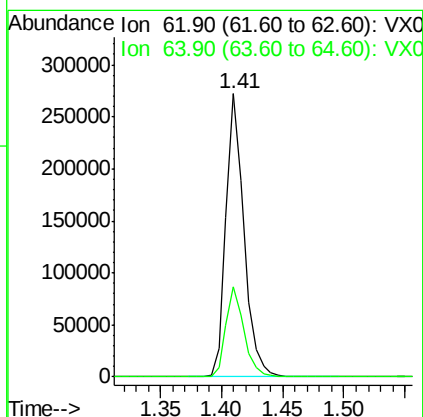
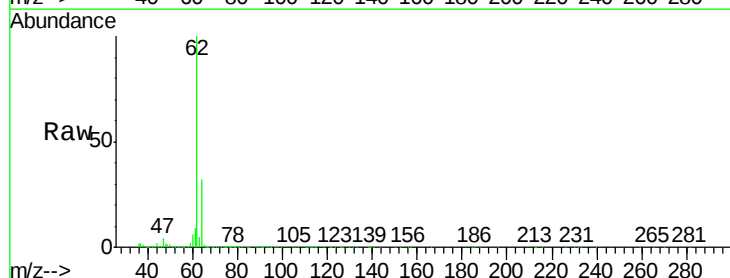
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

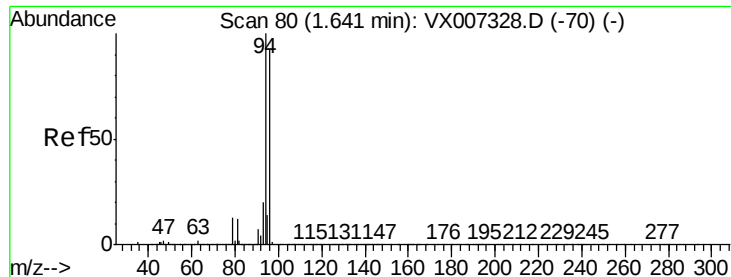
Tot Ion: 50 Resp: 266641
Ion Ratio Lower Upper
50 100
52 32.3 26.1 39.1



#4
Vinyl Chloride
Concen: 51.065 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX007363.D
Acq: 04 Feb 2019 16:56

Tgt Ion: 62 Resp: 278316
Ion Ratio Lower Upper
62 100
64 31.7 25.4 38.0





#5

Bromomethane

Concen: 49.800 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

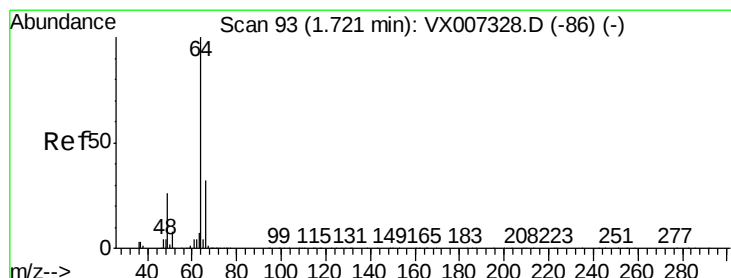
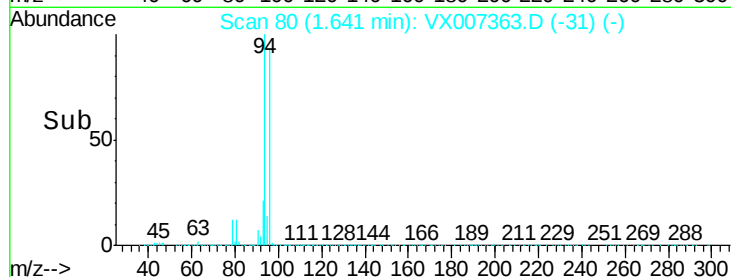
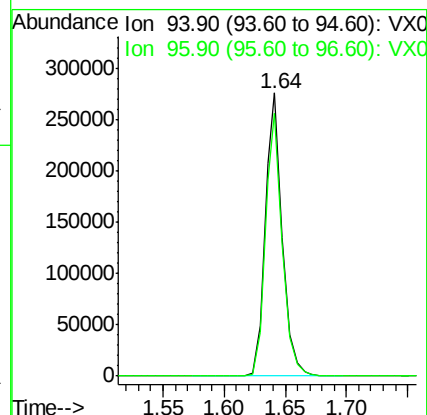
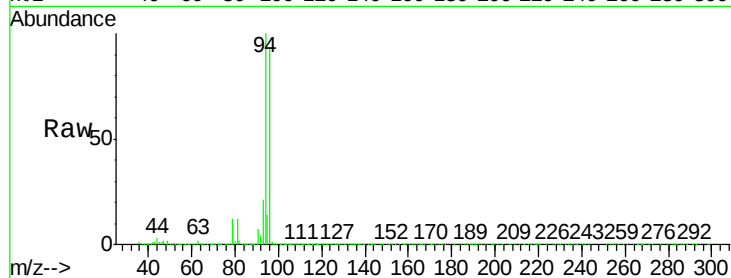
VSTDCCC050EC

Tot Ion: 94 Resp: 268383

Ion Ratio Lower Upper

94 100

96 92.9 73.9 110.9



#6

Chloroethane

Concen: 47.718 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX007363.D

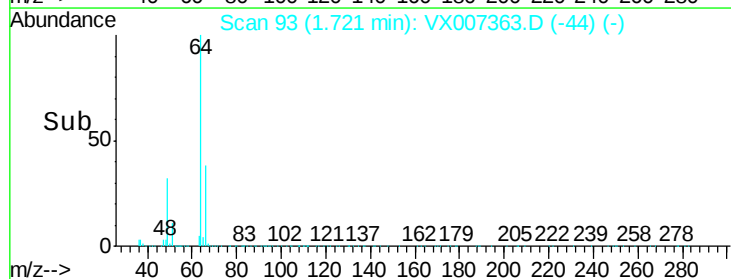
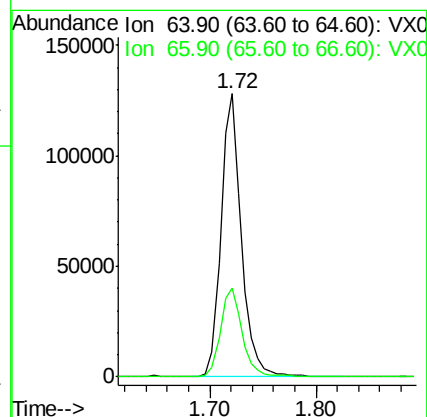
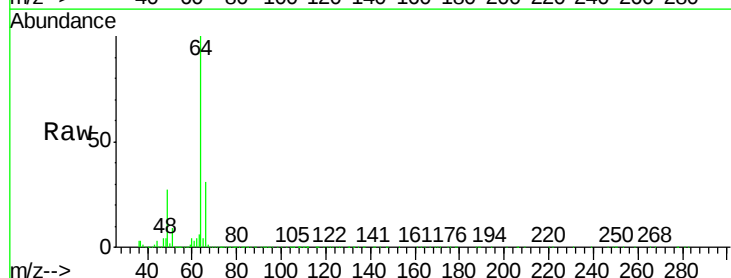
Acq: 04 Feb 2019 16:56

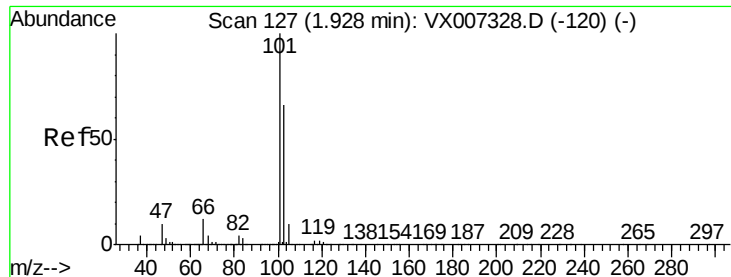
Tgt Ion: 64 Resp: 168238

Ion Ratio Lower Upper

64 100

66 31.4 25.5 38.3



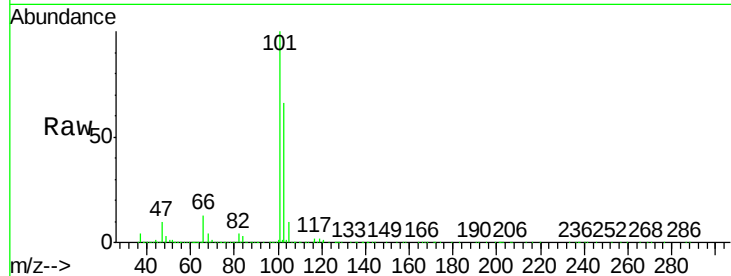


#7

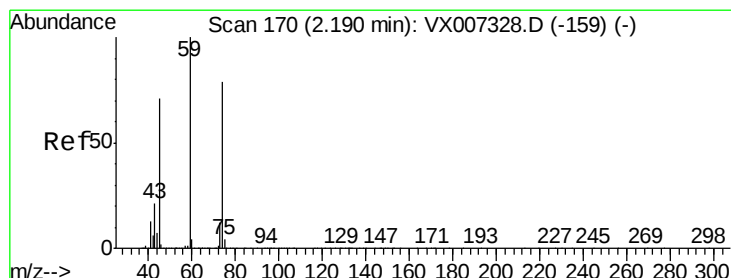
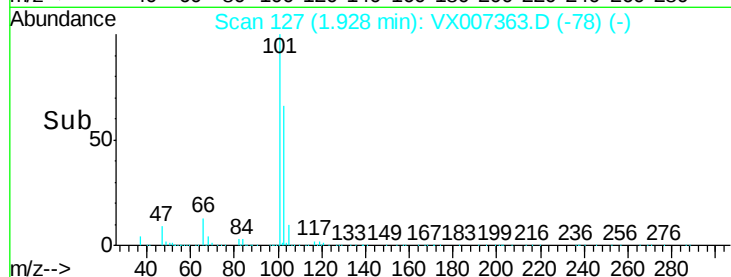
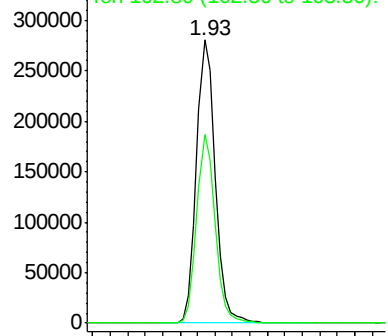
Trichlorofluoromethane
Concen: 48.927 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX007363.D
Acq: 04 Feb 2019 16:56

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ClientSampleId :
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Tot Ion:101 Resp: 417149
Ion Ratio Lower Upper
101 100
103 66.4 52.6 79.0



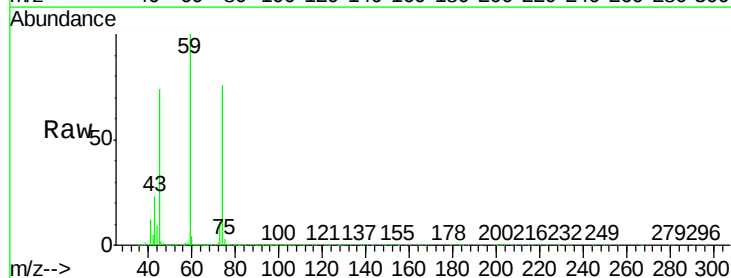
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



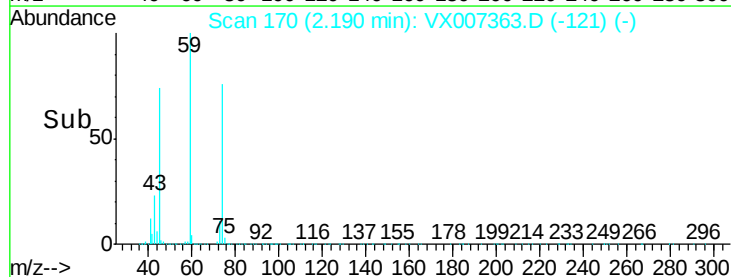
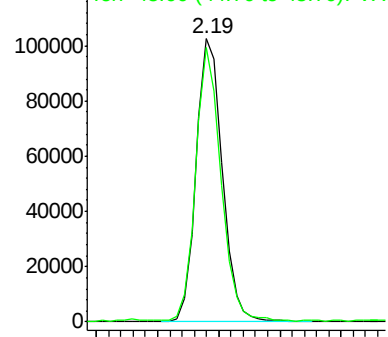
#8

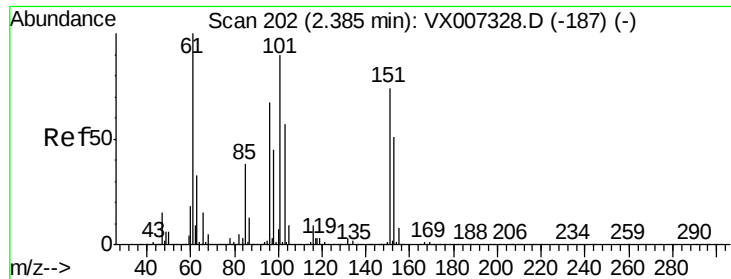
Diethyl Ether
Concen: 47.266 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007363.D
Acq: 04 Feb 2019 16:56

Tgt Ion: 74 Resp: 151680
Ion Ratio Lower Upper
74 100
45 93.2 45.7 137.1



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.195 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

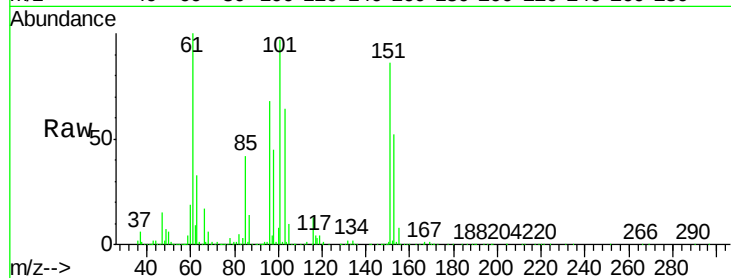
Tot Ion:101 Resp: 239351

Ion Ratio Lower Upper

101 100

85 43.4 34.1 51.1

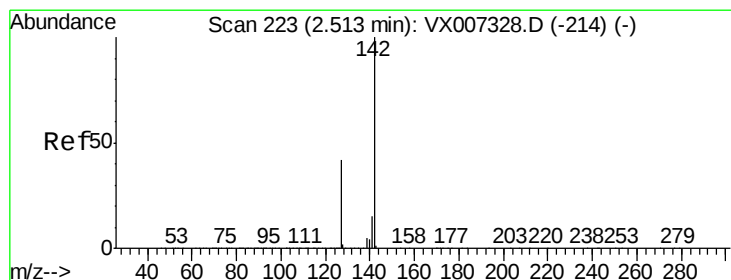
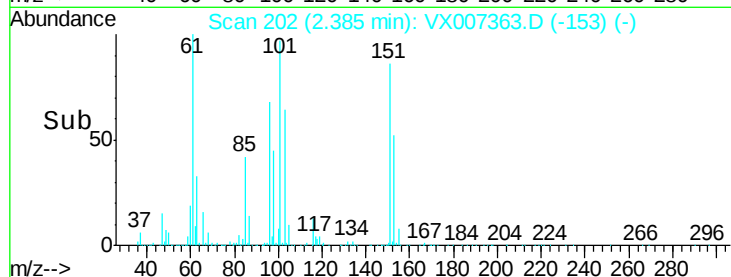
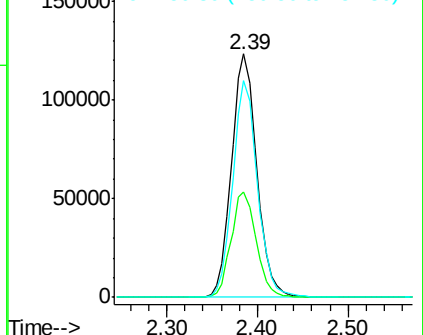
151 87.2 69.9 104.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.150 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

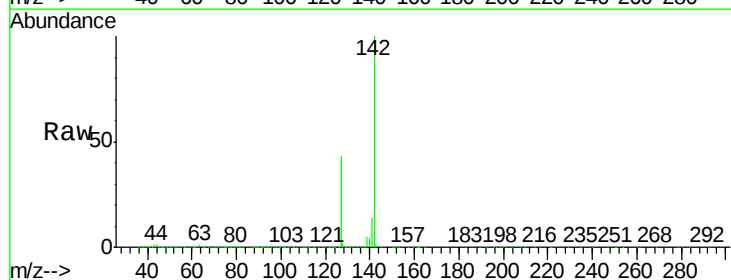
Tgt Ion:142 Resp: 374146

Ion Ratio Lower Upper

142 100

127 42.8 33.7 50.5

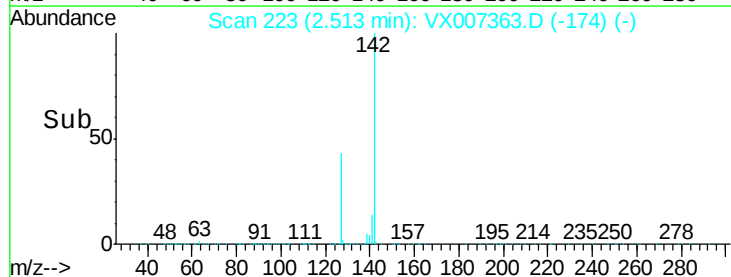
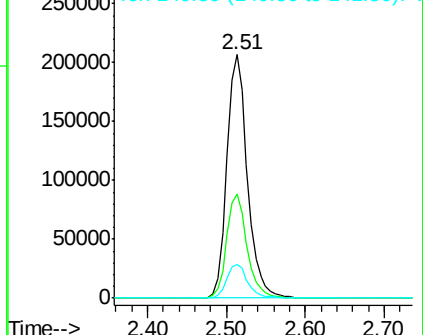
141 14.2 11.3 16.9

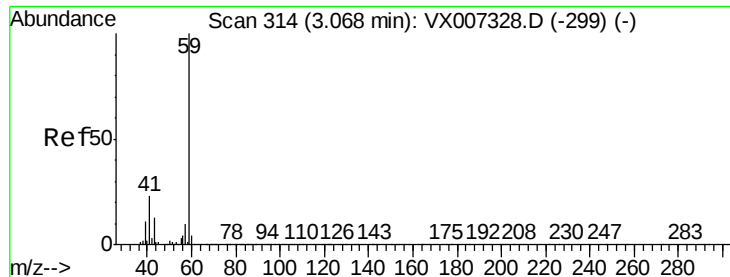


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



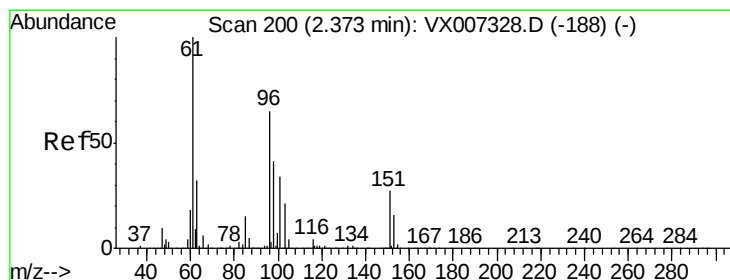
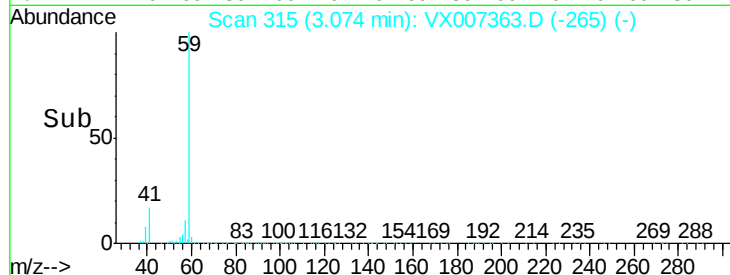
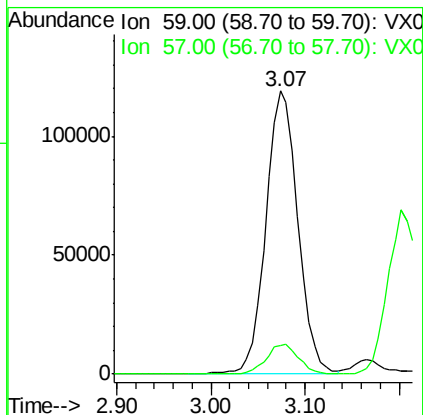
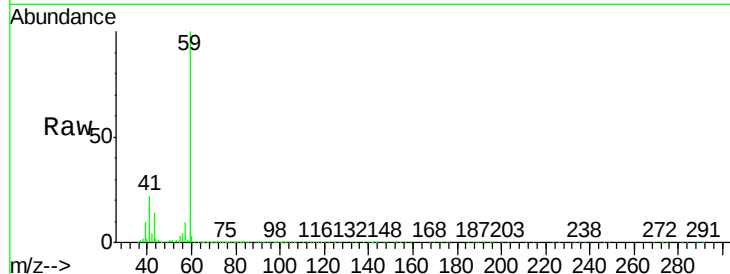


#11

Tert butyl alcohol
Concen: 260.836 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.01 min
Lab File: VX007363.D
Acq: 04 Feb 2019 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

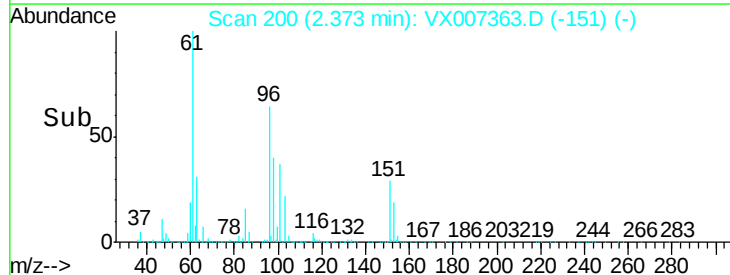
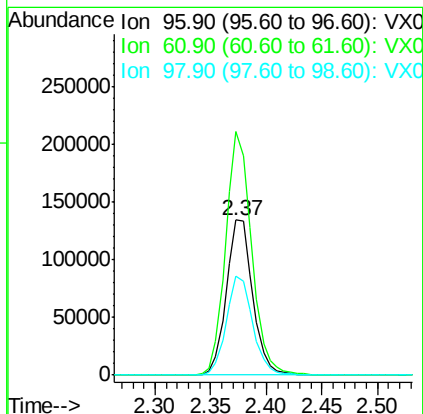
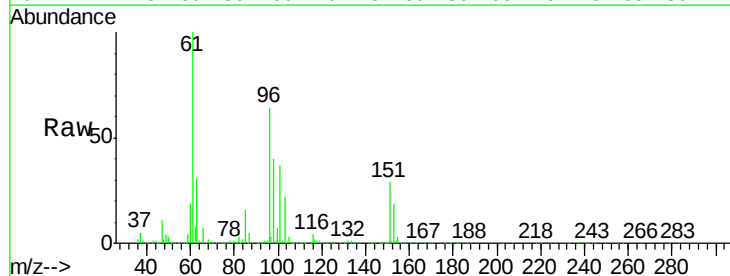
Tot Ion: 59 Resp: 282603
Ion Ratio Lower Upper
59 100
57 10.8 8.1 12.1

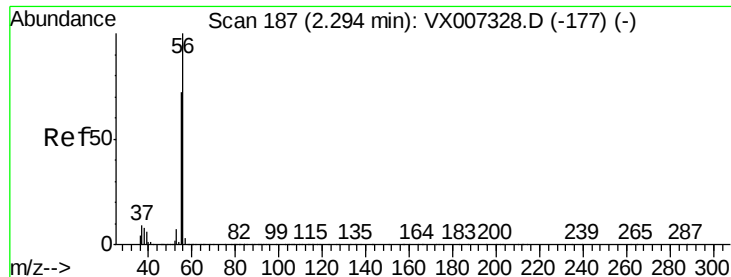


#12

1,1-Dichloroethene
Concen: 46.679 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX007363.D
Acq: 04 Feb 2019 16:56

Tgt Ion: 96 Resp: 219829
Ion Ratio Lower Upper
96 100
61 157.1 123.0 184.4
98 63.4 50.9 76.3

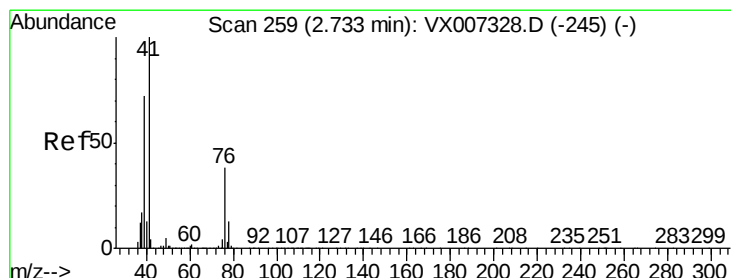
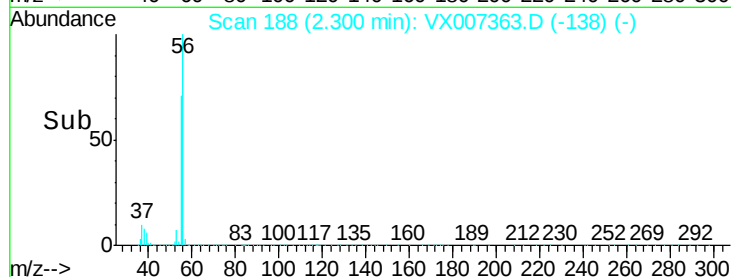
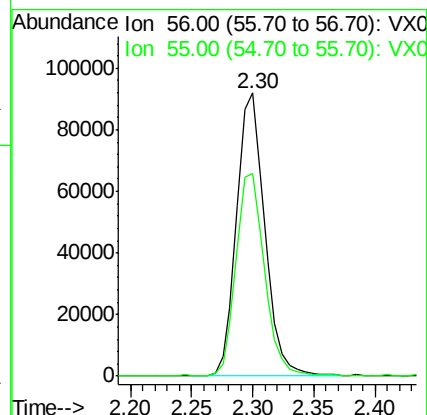
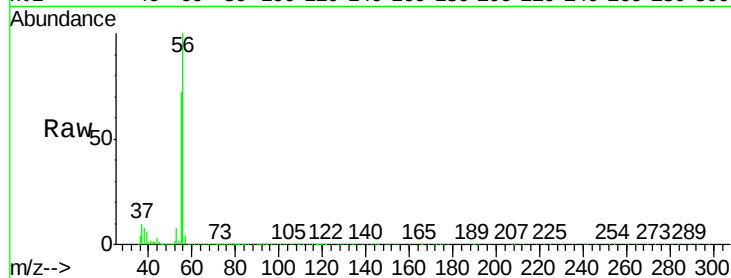




#13
Acrolein
Concen: 286.136 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX007363.D
Acq: 04 Feb 2019 16:56

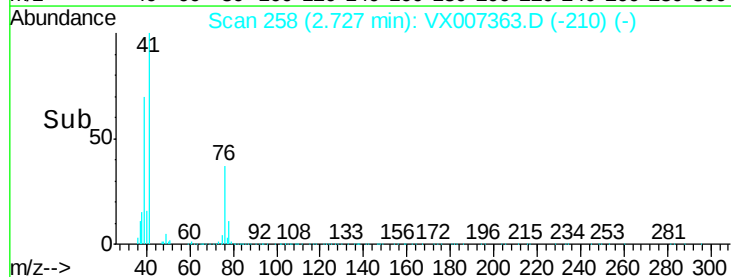
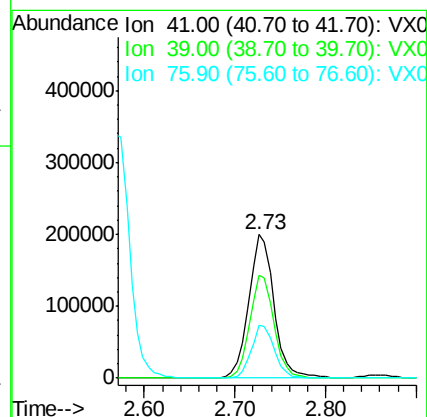
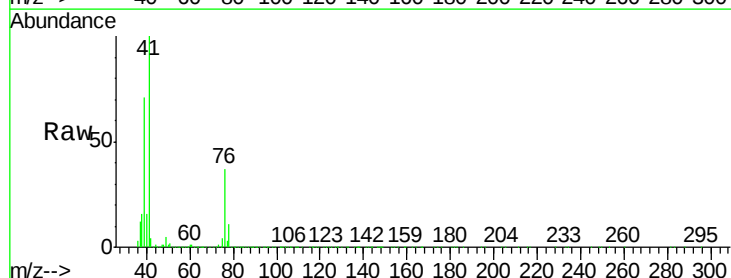
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

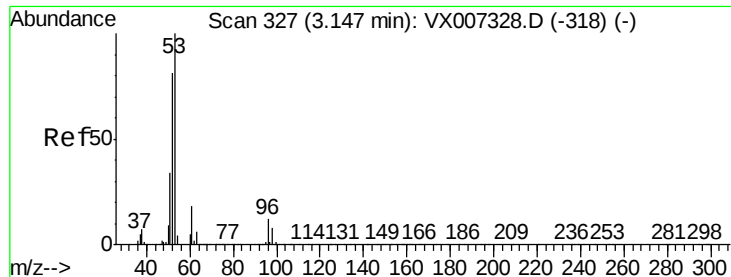
Tot Ion: 56 Resp: 145374
Ion Ratio Lower Upper
56 100
55 72.1 56.9 85.3



#14
Allyl chloride
Concen: 49.904 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.01 min
Lab File: VX007363.D
Acq: 04 Feb 2019 16:56

Tgt Ion: 41 Resp: 382936
Ion Ratio Lower Upper
41 100
39 68.1 54.1 81.1
76 33.9 27.8 41.8





#15

Acrylonitrile

Concen: 250.498 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

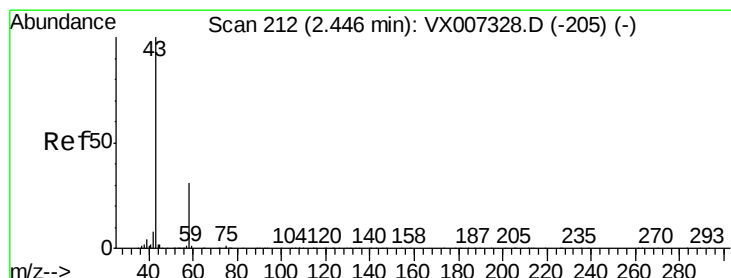
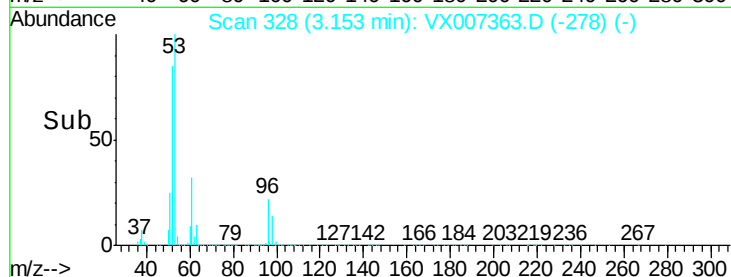
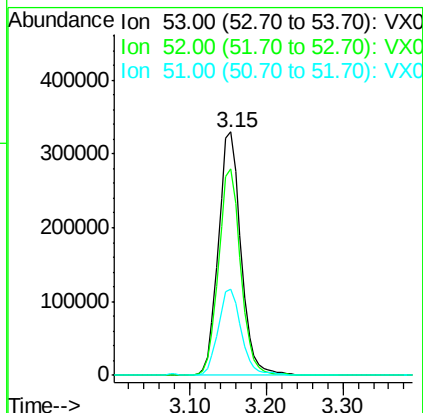
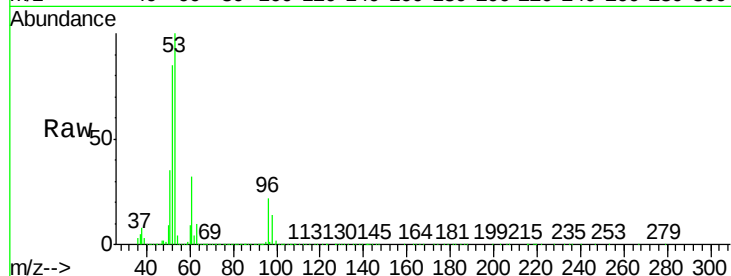
Tot Ion: 53 Resp: 671391

Ion Ratio Lower Upper

53 100

52 83.2 66.4 99.6

51 36.0 28.4 42.6



#16

Acetone

Concen: 261.470 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007363.D

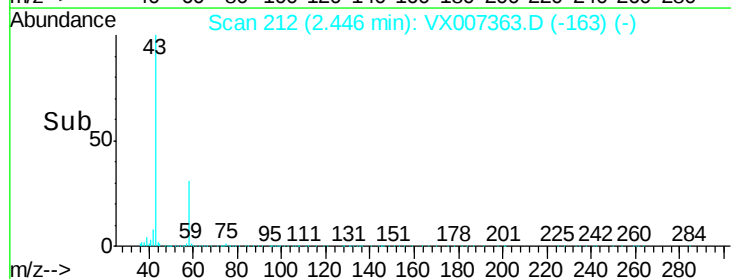
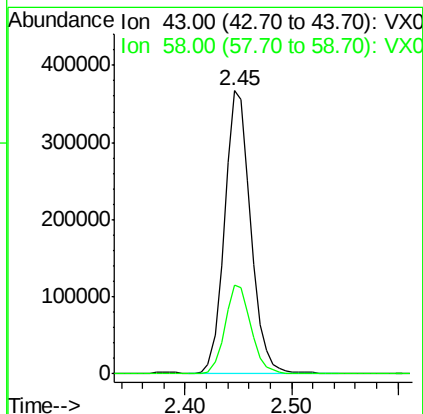
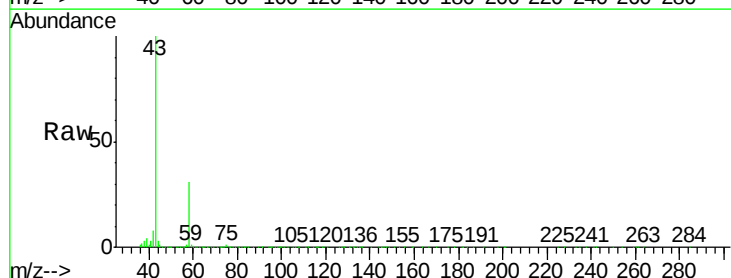
Acq: 04 Feb 2019 16:56

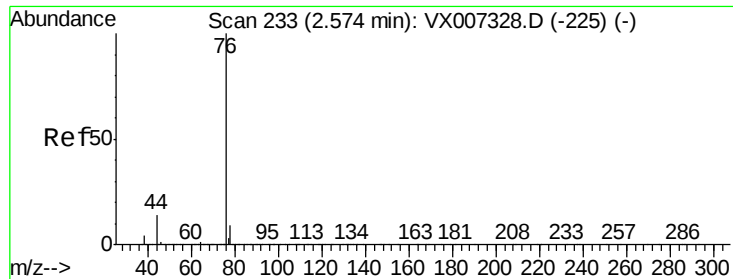
Tgt Ion: 43 Resp: 627044

Ion Ratio Lower Upper

43 100

58 31.3 24.9 37.3

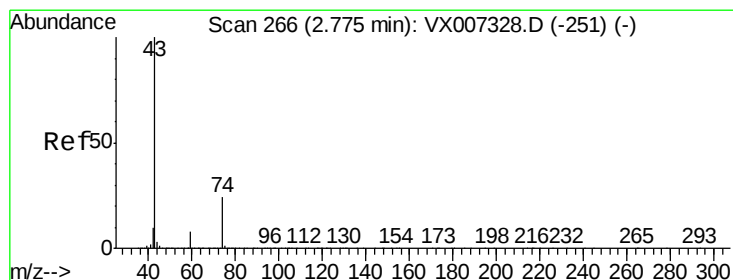
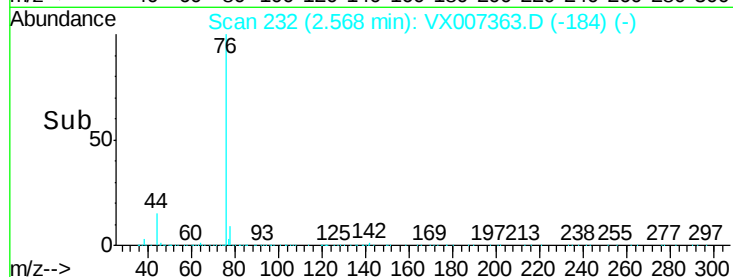
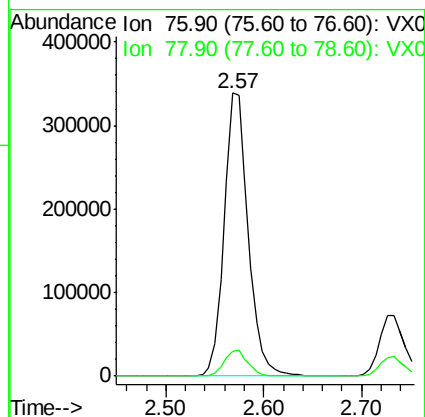
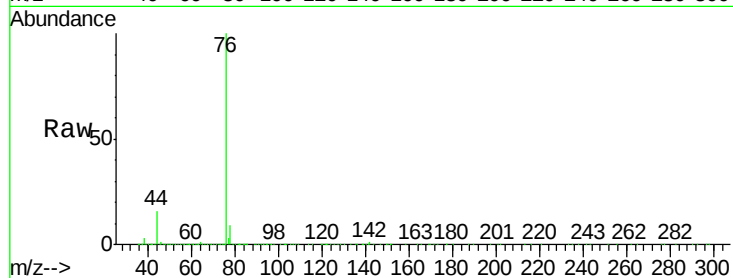




#17
Carbon Disulfide
Concen: 46.850 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.01 min
Lab File: VX007363.D
Acq: 04 Feb 2019 16:56

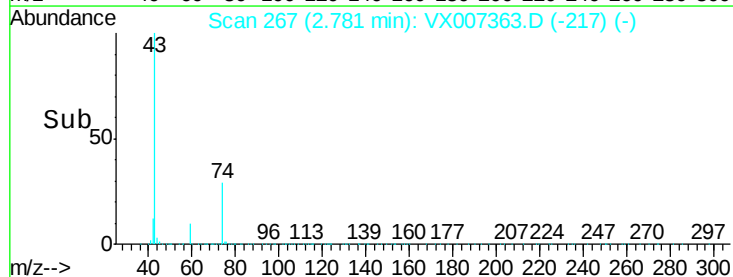
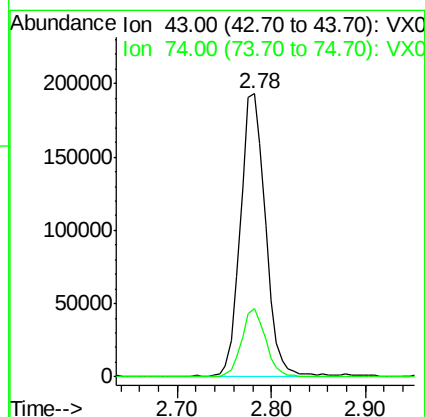
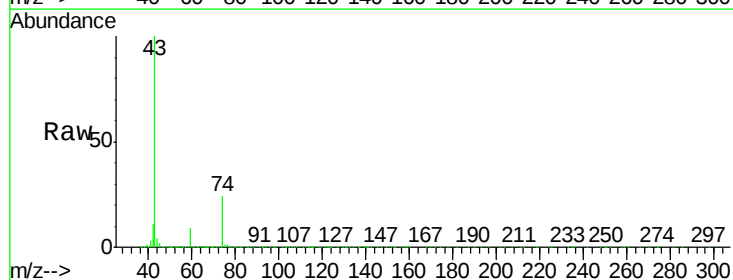
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

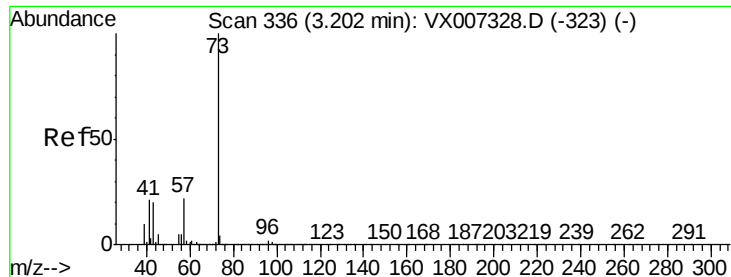
Tot Ion: 76 Resp: 575230
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7



#18
Methyl Acetate
Concen: 57.263 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX007363.D
Acq: 04 Feb 2019 16:56

Tgt Ion: 43 Resp: 358351
Ion Ratio Lower Upper
43 100
74 23.4 19.4 29.2

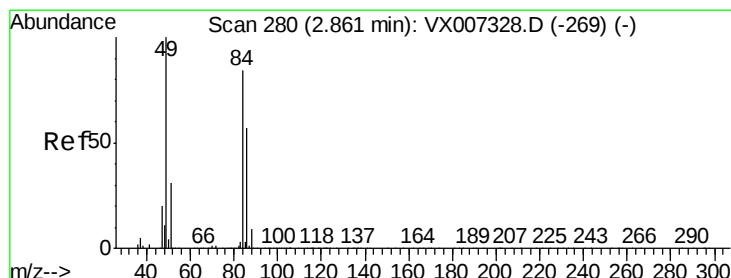
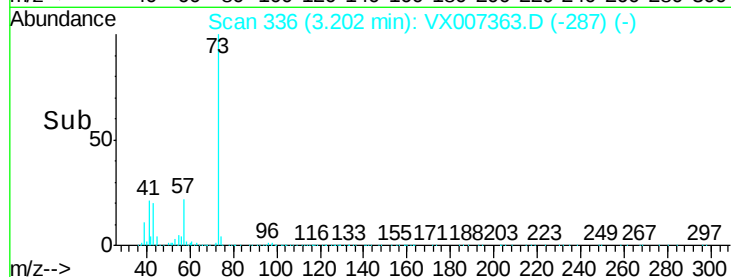
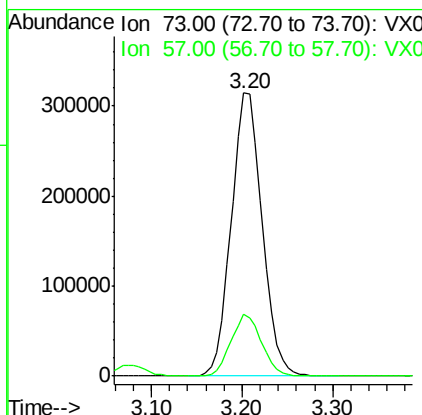
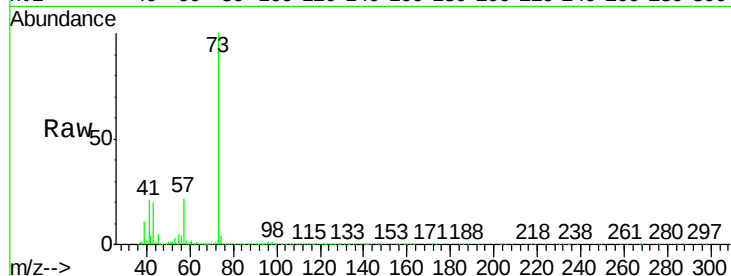




#19
Methyl tert-butyl Ether
Concen: 48.699 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007363.D
Acq: 04 Feb 2019 16:56

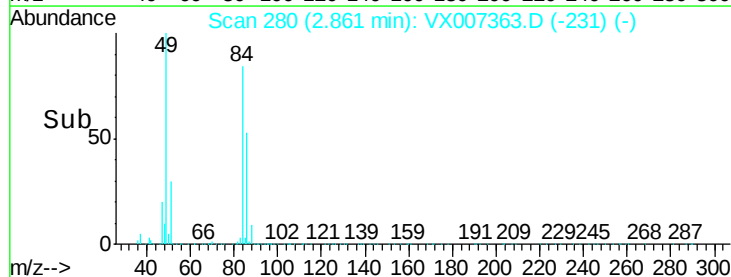
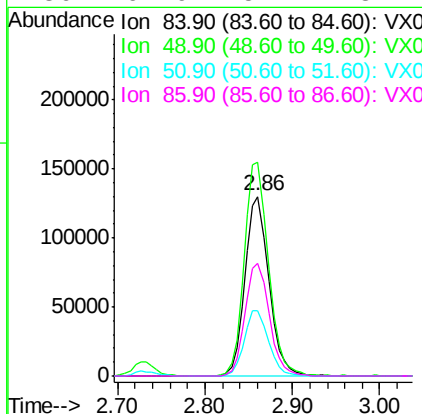
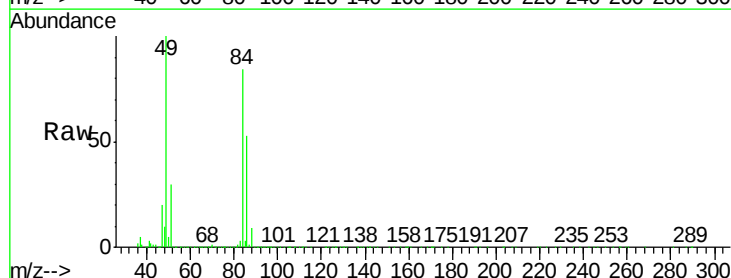
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

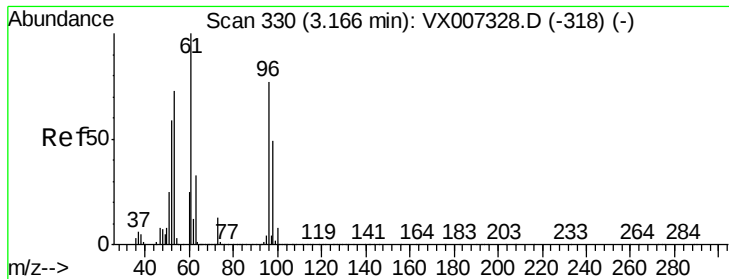
Tot Ion: 73 Resp: 743015
Ion Ratio Lower Upper
73 100
57 21.9 17.8 26.8



#20
Methylene Chloride
Concen: 50.449 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007363.D
Acq: 04 Feb 2019 16:56

Tgt Ion: 84 Resp: 247103
Ion Ratio Lower Upper
84 100
49 118.6 94.8 142.2
51 36.1 29.8 44.8
86 62.9 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 46.721 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

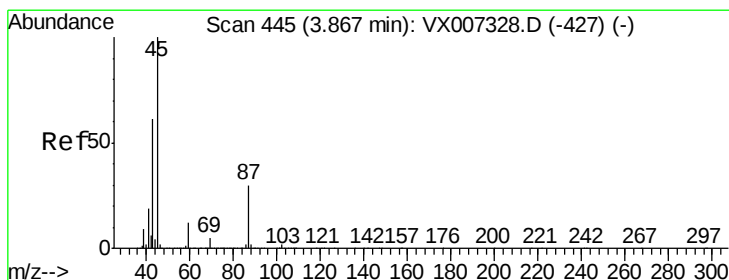
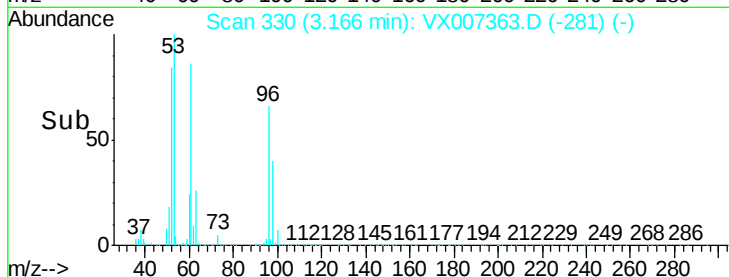
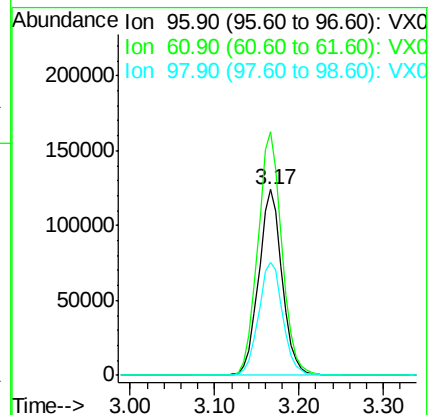
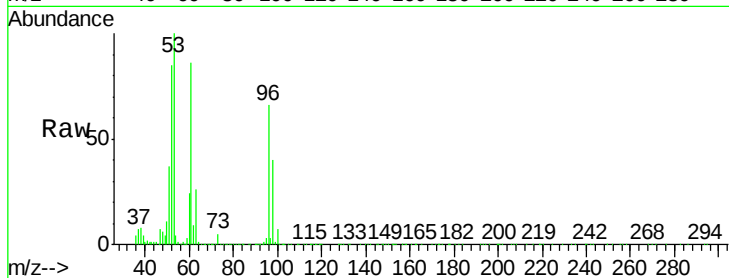
Tot Ion: 96 Resp: 234386

Ion Ratio Lower Upper

96 100

61 130.8 104.6 156.8

98 60.5 51.0 76.4



#22

Diisopropyl ether

Concen: 48.644 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

Tgt Ion: 45 Resp: 686600

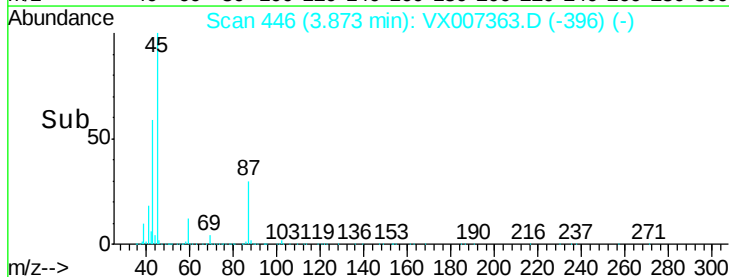
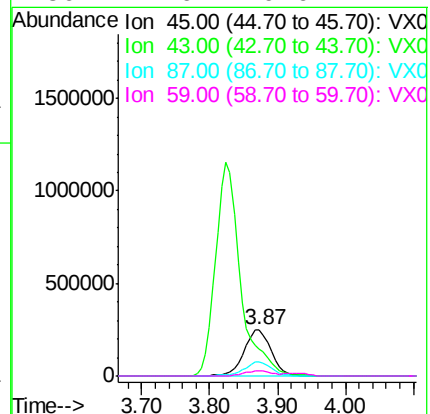
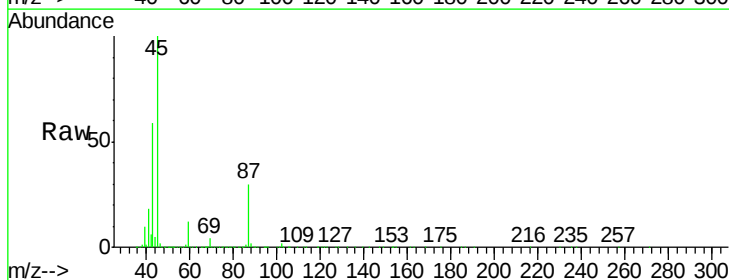
Ion Ratio Lower Upper

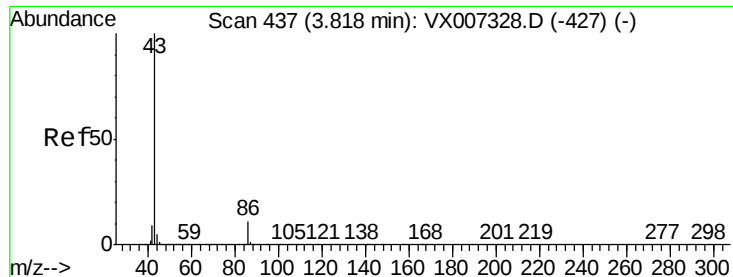
45 100

43 58.5 48.9 73.3

87 29.6 23.9 35.9

59 11.6 9.6 14.4





#23

Vinyl Acetate

Concen: 252.441 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

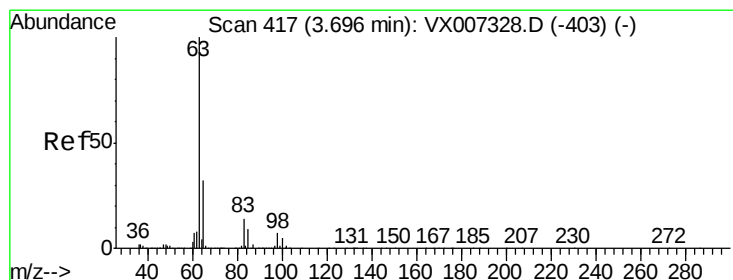
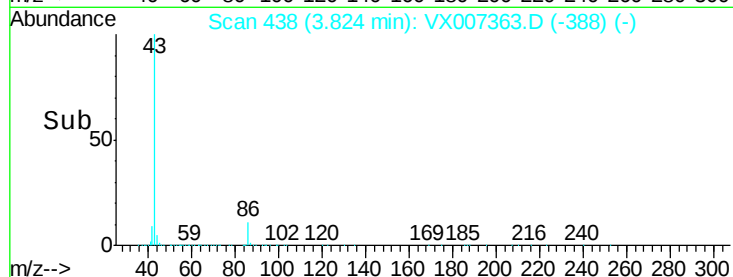
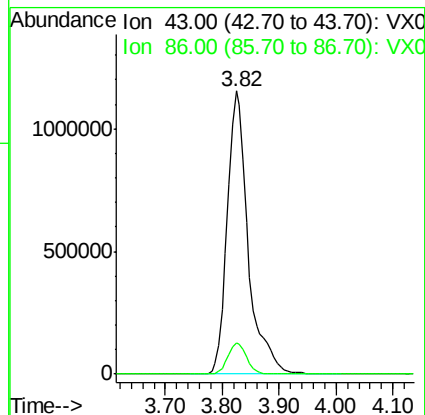
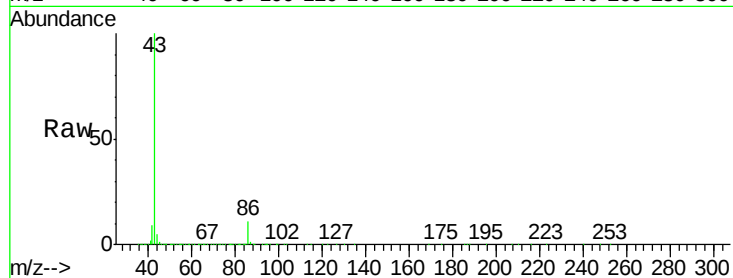
VSTDCCC050EC

Tot Ion: 43 Resp: 2956770

Ion Ratio Lower Upper

43 100

86 11.1 8.7 13.1



#24

1,1-Dichloroethane

Concen: 47.170 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

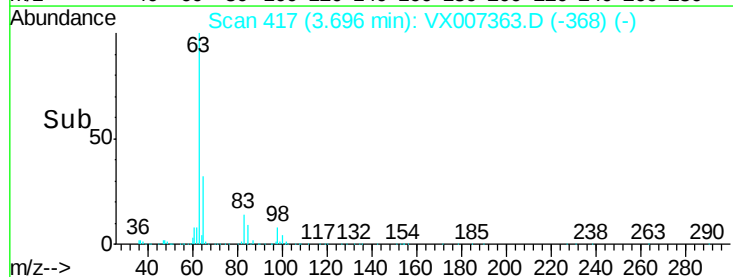
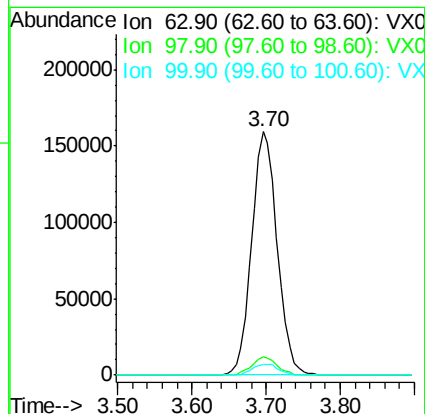
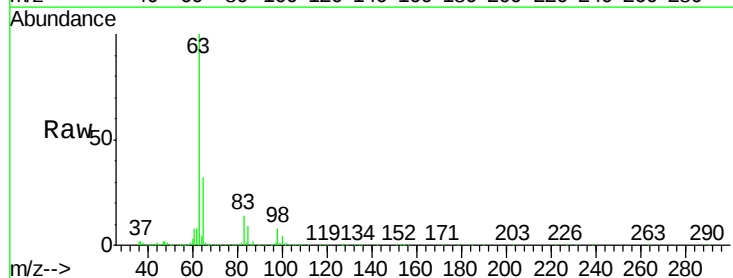
Tgt Ion: 63 Resp: 382345

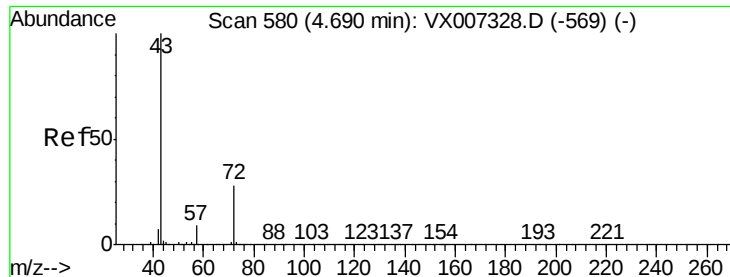
Ion Ratio Lower Upper

63 100

98 7.5 3.6 10.8

100 4.5 2.5 7.4





#25

2-Butanone

Concen: 258.391 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

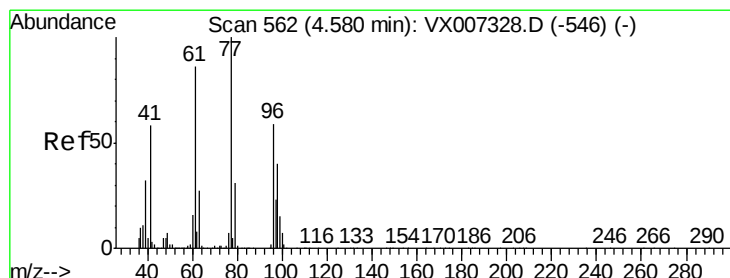
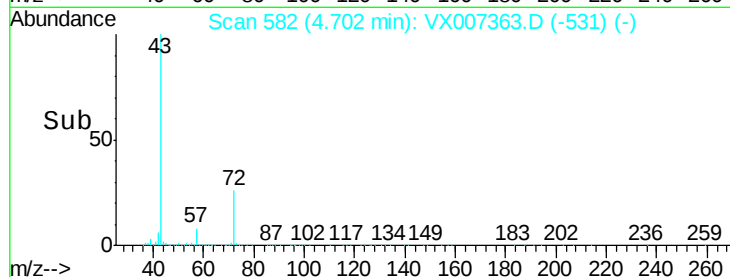
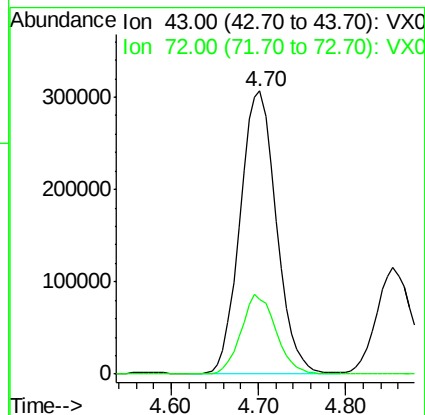
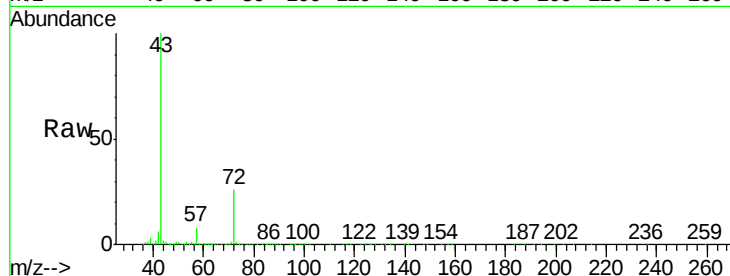
VSTDCCC050EC

Tot Ion: 43 Resp: 881852

Ion Ratio Lower Upper

43 100

72 26.3 22.2 33.2



#26

2,2-Dichloropropane

Concen: 48.912 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX007363.D

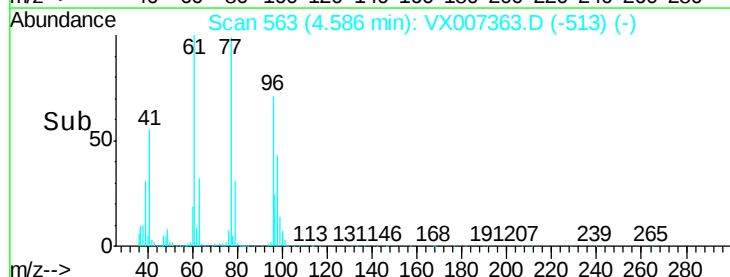
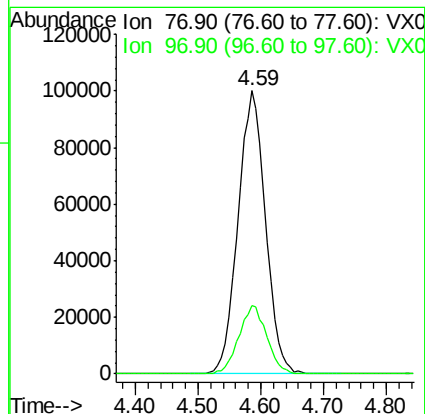
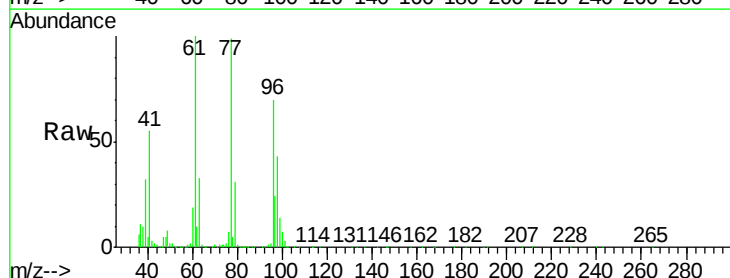
Acq: 04 Feb 2019 16:56

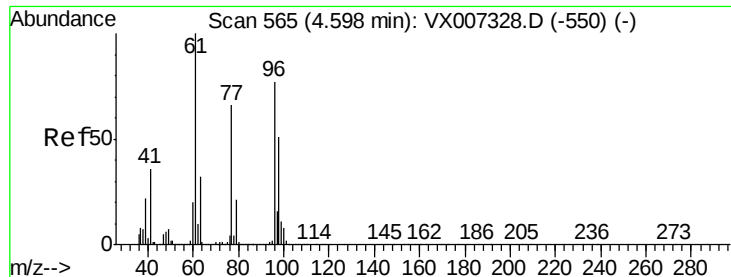
Tgt Ion: 77 Resp: 301931

Ion Ratio Lower Upper

77 100

97 24.8 12.1 36.3



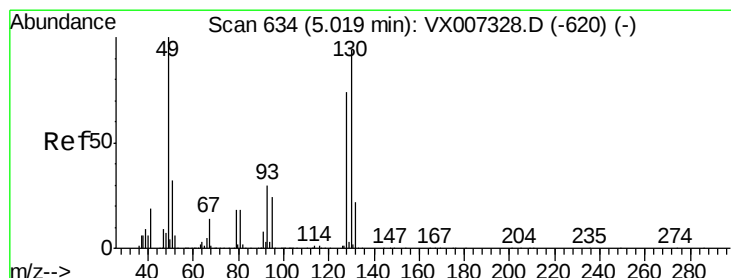
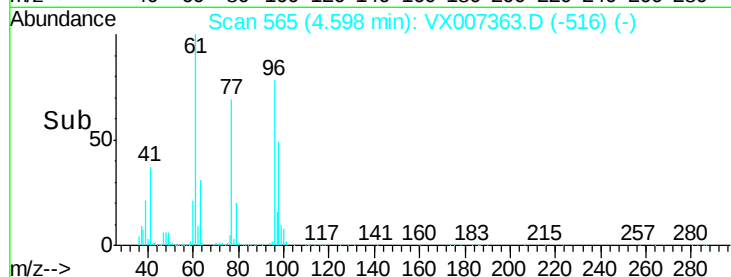
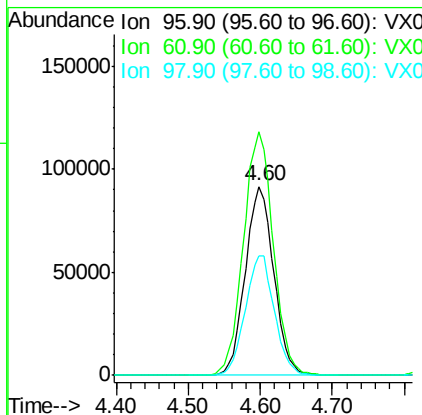
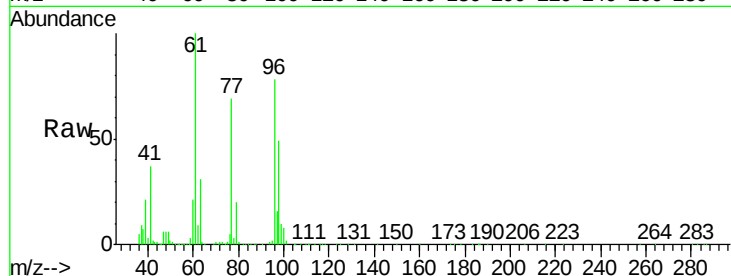


#27

cis-1,2-Dichloroethene
 Concen: 45.988 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX007363.D
 Acq: 04 Feb 2019 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

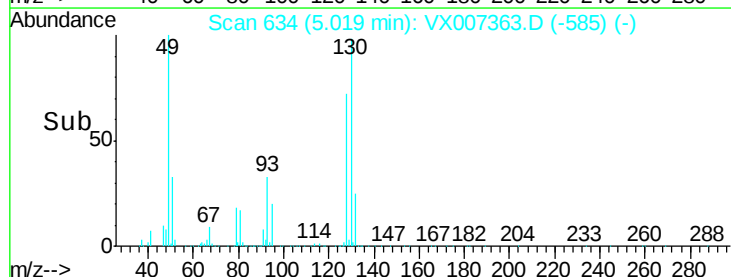
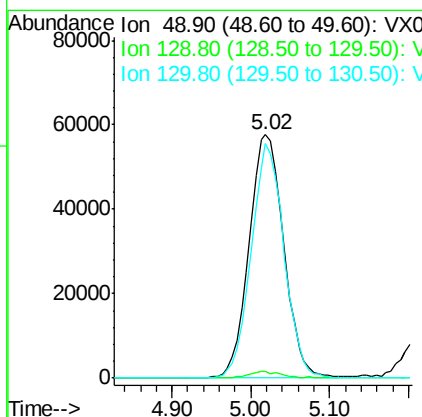
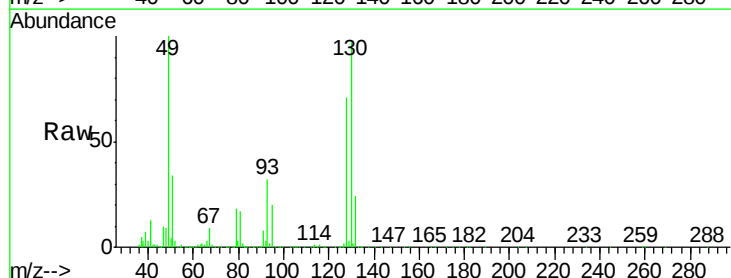
Tot Ion	Ratio	Lower	Upper
96	100		
61	134.6	0.0	265.6
98	64.5	0.0	131.6

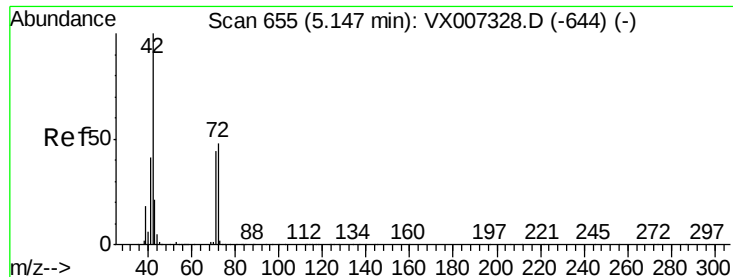


#28

Bromochloromethane
 Concen: 47.422 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX007363.D
 Acq: 04 Feb 2019 16:56

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.6
130	91.0	75.6	113.4





#29

Tetrahydrofuran

Concen: 262.729 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.01 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

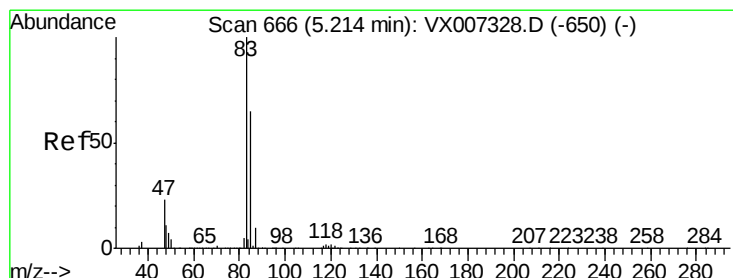
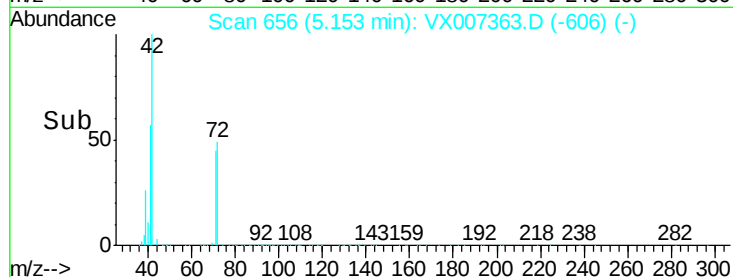
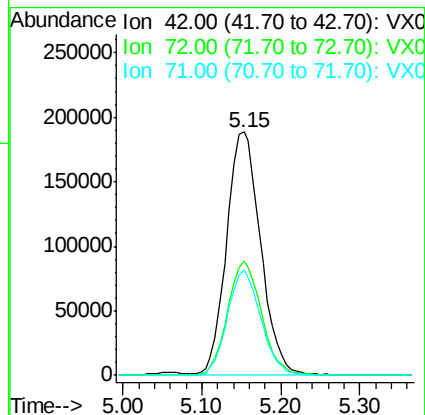
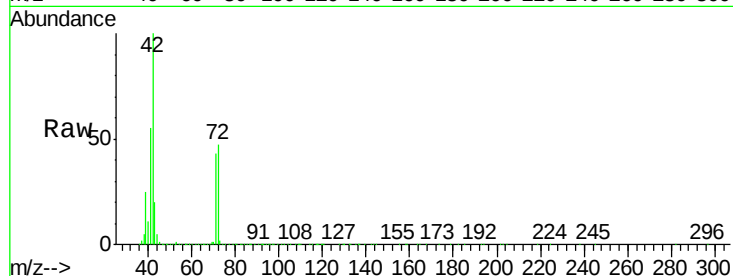
Tot Ion: 42 Resp: 563937

Ion Ratio Lower Upper

42 100

72 47.4 37.6 56.4

71 42.8 34.6 51.8



#30

Chloroform

Concen: 47.990 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX007363.D

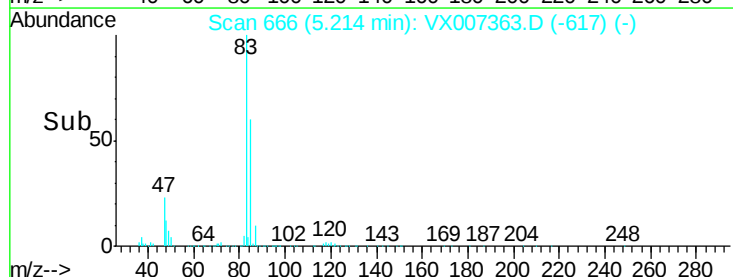
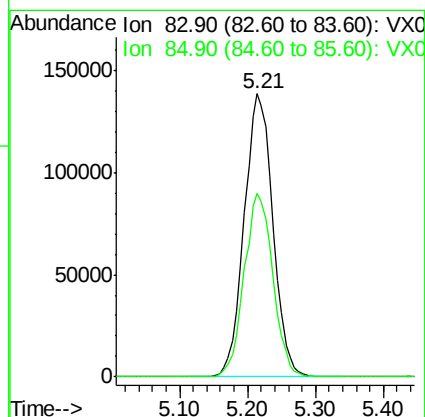
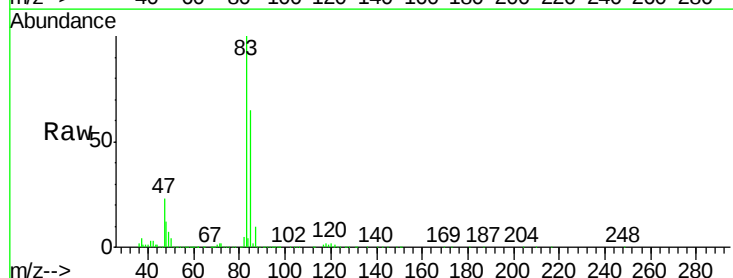
Acq: 04 Feb 2019 16:56

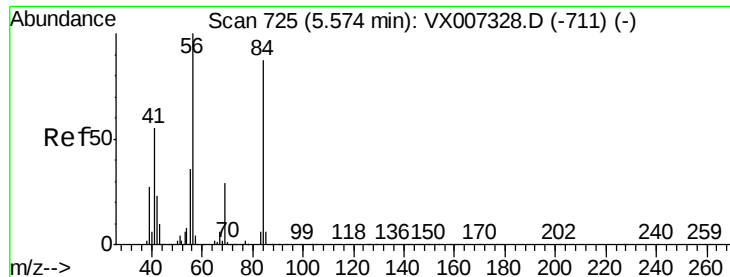
Tgt Ion: 83 Resp: 405909

Ion Ratio Lower Upper

83 100

85 64.6 51.6 77.4





#31

Cyclohexane

Concen: 46.896 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

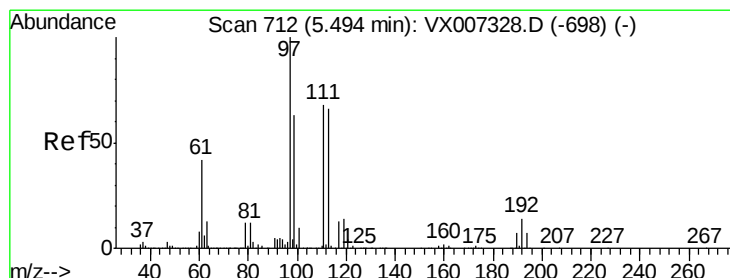
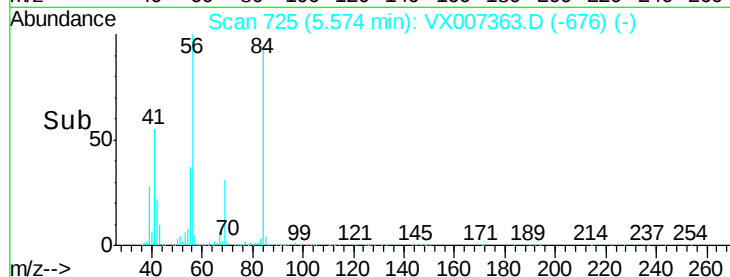
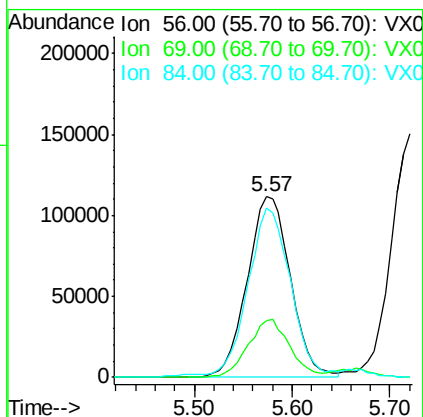
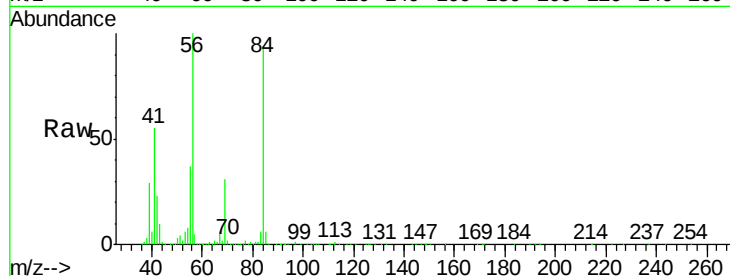
Tot Ion: 56 Resp: 341407

Ion Ratio Lower Upper

56 100

69 31.5 23.0 34.6

84 92.4 69.8 104.6



#32

1,1,1-Trichloroethane

Concen: 49.412 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

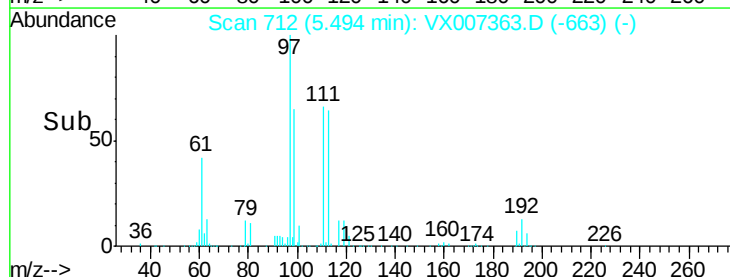
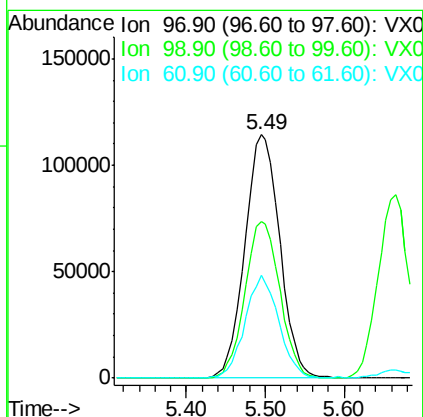
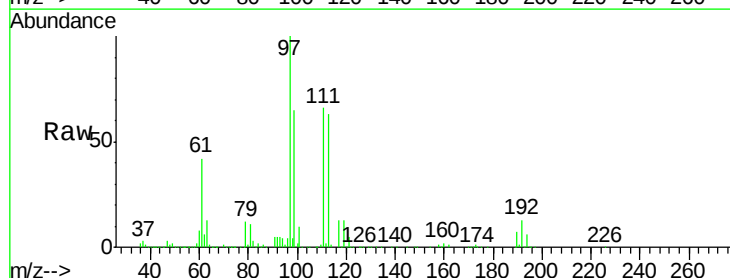
Tgt Ion: 97 Resp: 352779

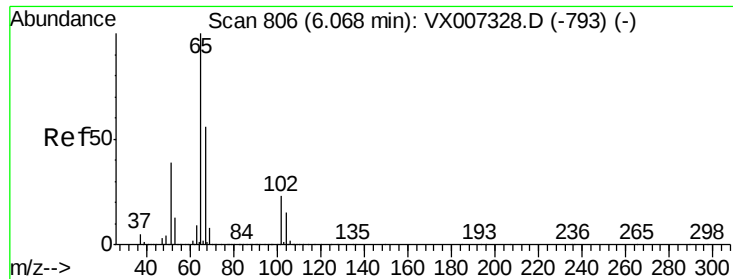
Ion Ratio Lower Upper

97 100

99 64.2 52.2 78.2

61 40.8 32.7 49.1





#33

1,2-Dichloroethane-d4

Concen: 48.287 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

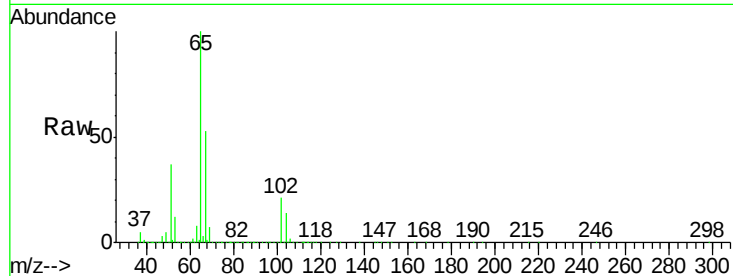
VSTDCCC050EC

Tot Ion: 65 Resp: 252799

Ion Ratio Lower Upper

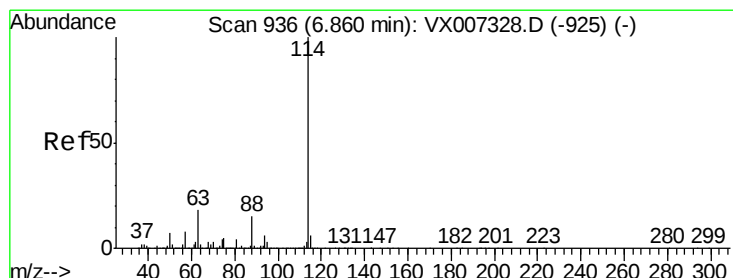
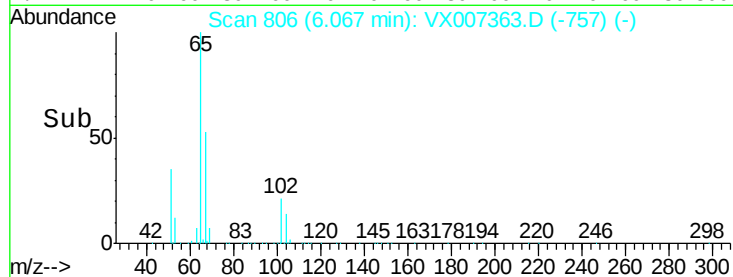
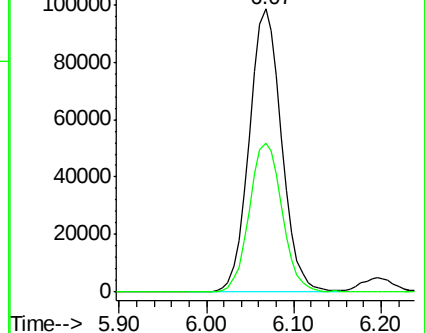
65 100

67 53.8 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: VX007363.D

Acq: 04 Feb 2019 16:56

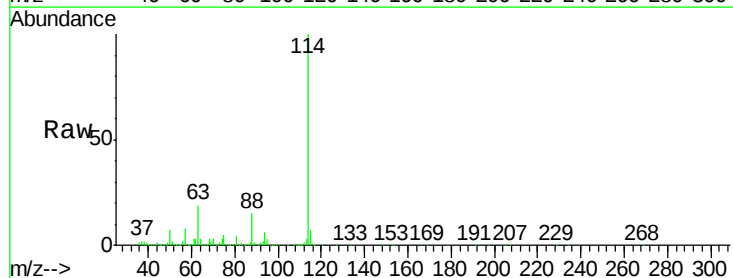
Tgt Ion: 114 Resp: 723114

Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.6

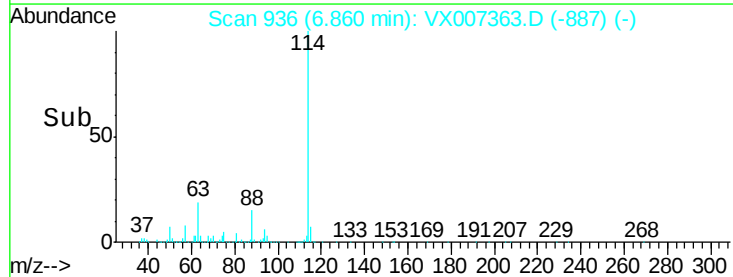
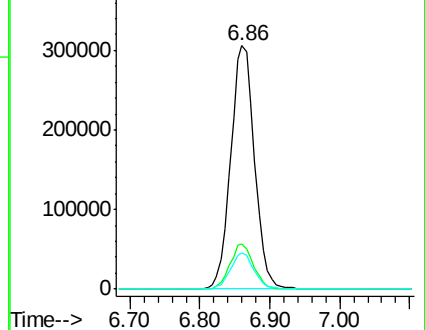
88 14.7 0.0 29.6

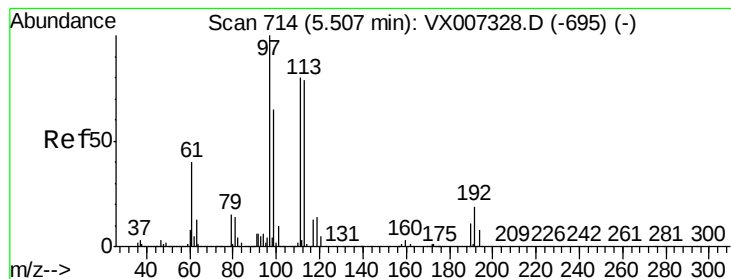


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.411 ug/l

RT: 5.51 min Scan# 714

Delta R.T. -0.00 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

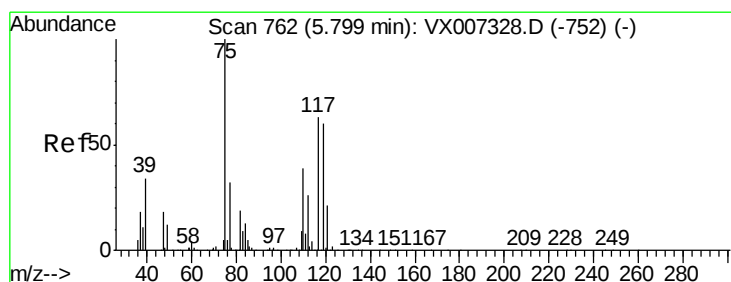
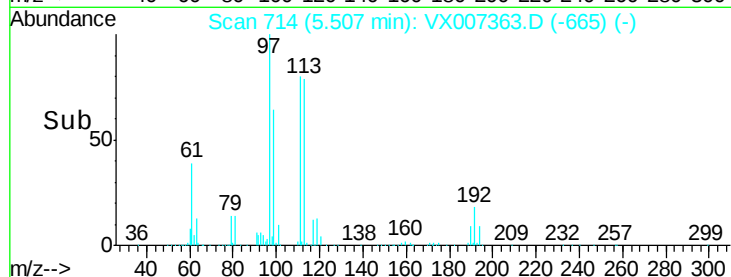
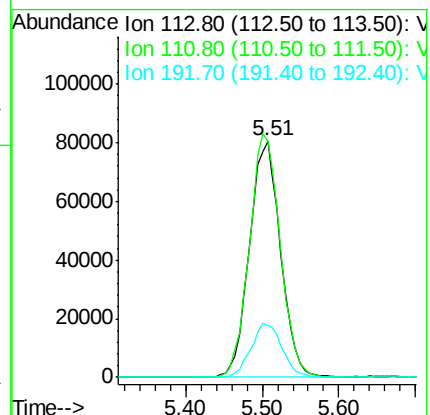
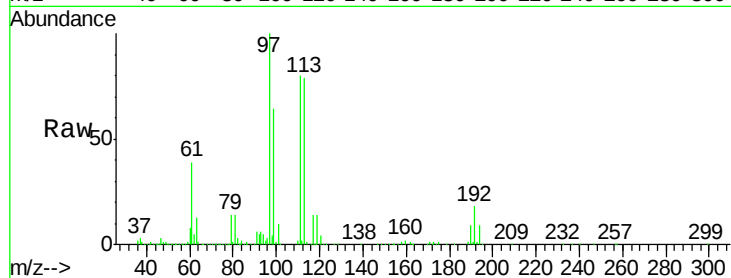
Tot Ion:113 Resp: 227775

Ion Ratio Lower Upper

113 100

111 102.5 81.8 122.8

192 22.9 18.5 27.7



#36

1,1-Dichloropropene

Concen: 45.902 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

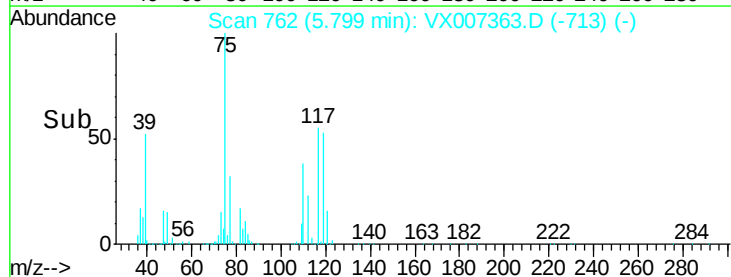
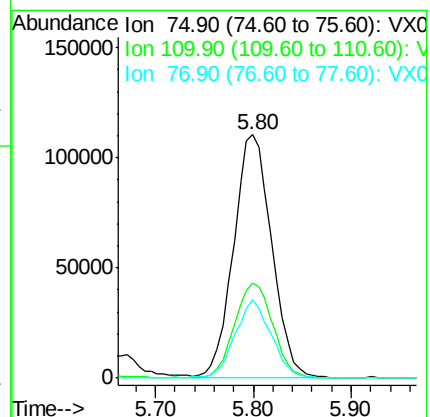
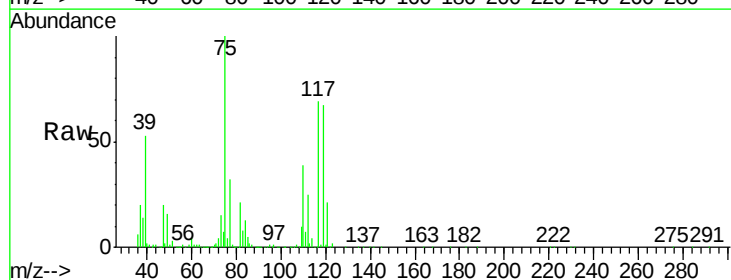
Tgt Ion: 75 Resp: 297813

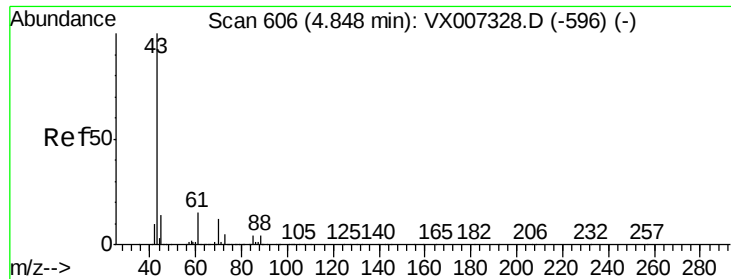
Ion Ratio Lower Upper

75 100

110 39.6 20.0 59.9

77 30.5 24.7 37.1

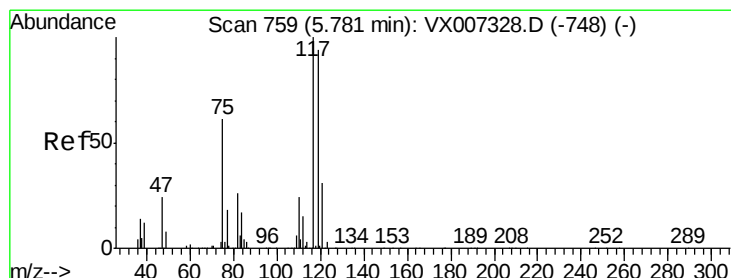
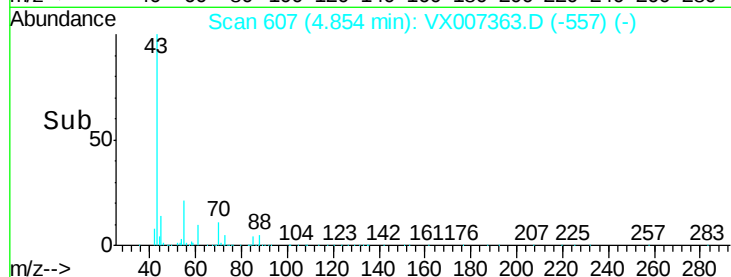
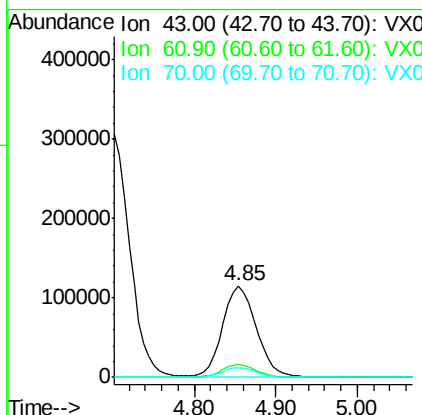
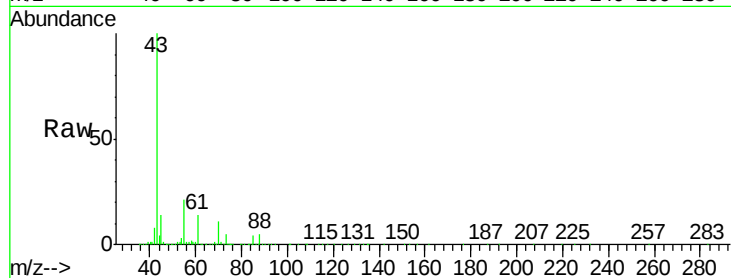




#37
Ethyl Acetate
Concen: 49.888 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX007363.D
Acq: 04 Feb 2019 16:56

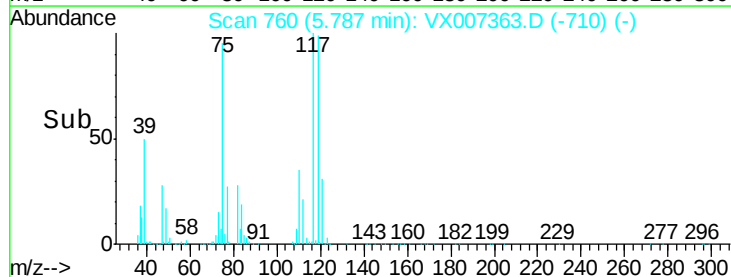
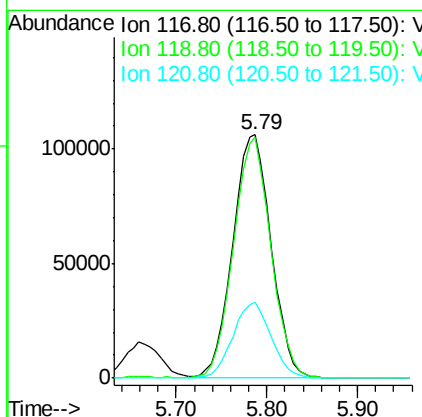
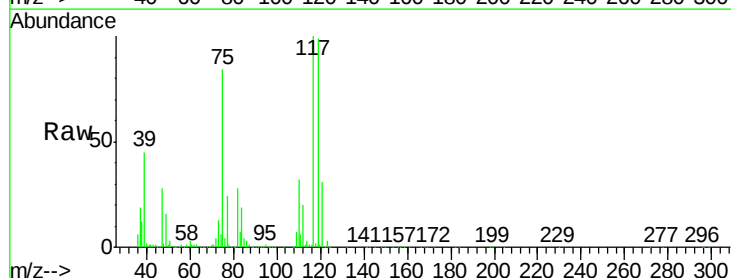
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

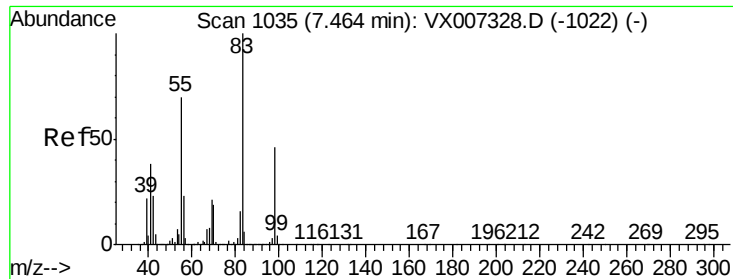
Tot Ion: 43 Resp: 327195
Ion Ratio Lower Upper
43 100
61 14.1 11.3 16.9
70 10.9 8.6 13.0



#38
Carbon Tetrachloride
Concen: 49.339 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX007363.D
Acq: 04 Feb 2019 16:56

Tgt Ion: 117 Resp: 310561
Ion Ratio Lower Upper
117 100
119 99.1 75.3 112.9
121 31.2 25.0 37.4

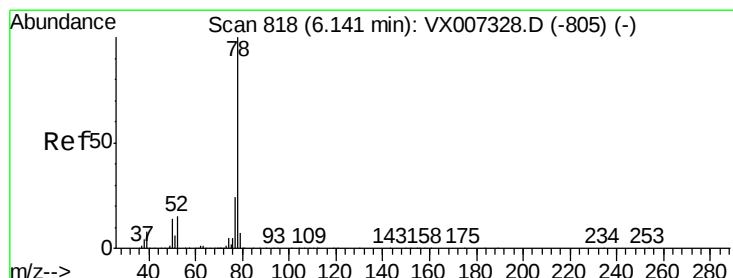
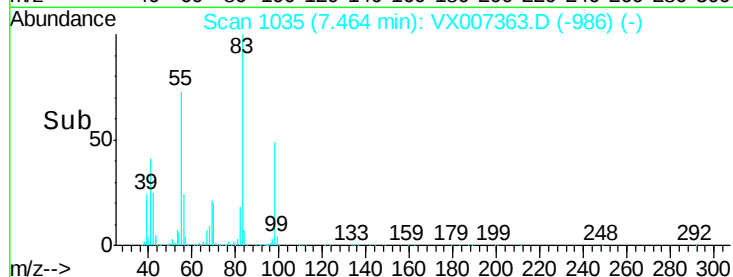
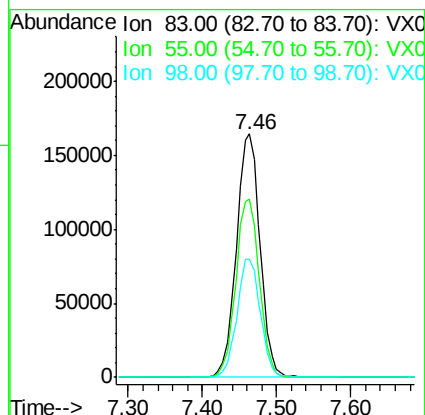
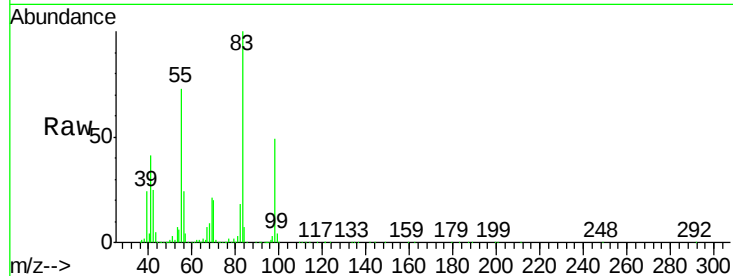




#39
Methvlcvclohexane
Concen: 46.593 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007363.D
Acq: 04 Feb 2019 16:56

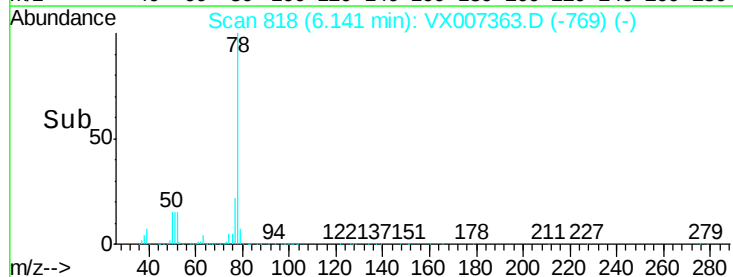
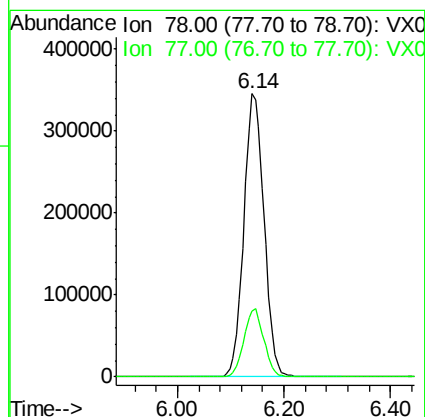
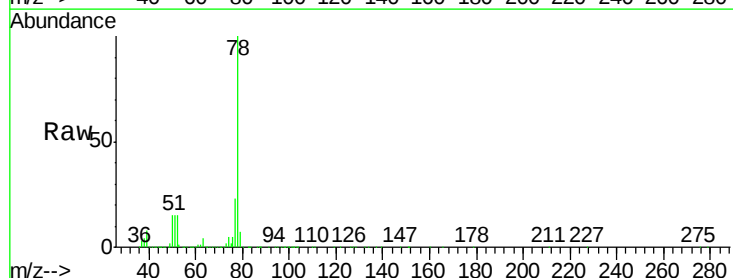
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

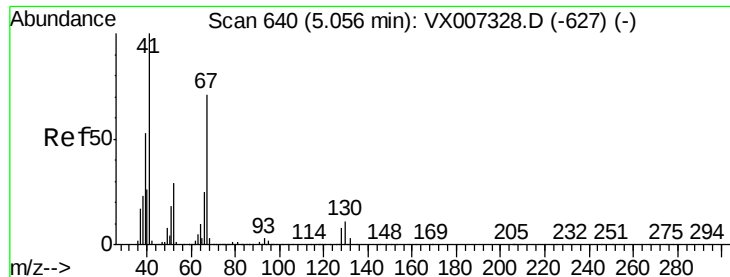
Tot Ion: 83 Resp: 365752
Ion Ratio Lower Upper
83 100
55 73.0 56.2 84.2
98 48.7 36.8 55.2



#40
Benzene
Concen: 47.448 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007363.D
Acq: 04 Feb 2019 16:56

Tgt Ion: 78 Resp: 906813
Ion Ratio Lower Upper
78 100
77 23.0 19.3 28.9





#41

Methacrylonitrile

Concen: 51.024 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.00 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 179354

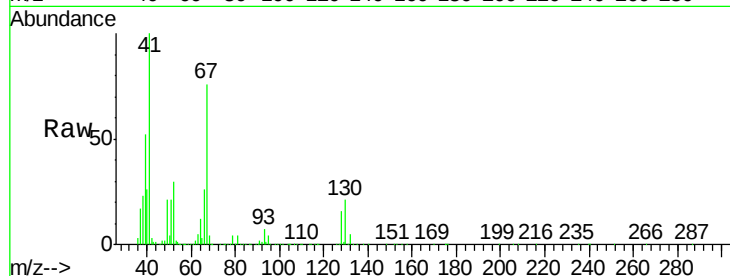
Ion Ratio Lower Upper

41 100

39 53.8 44.5 66.7

67 76.2 60.4 90.6

52 29.8 24.1 36.1

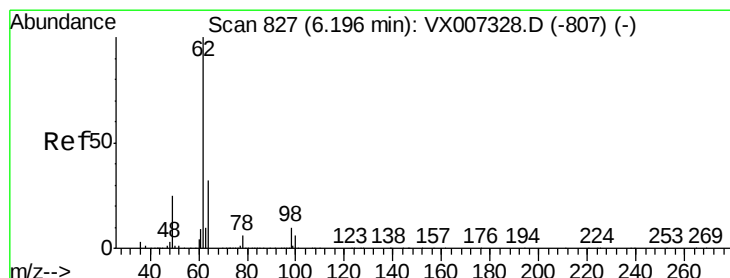
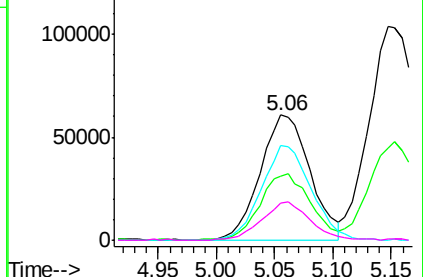
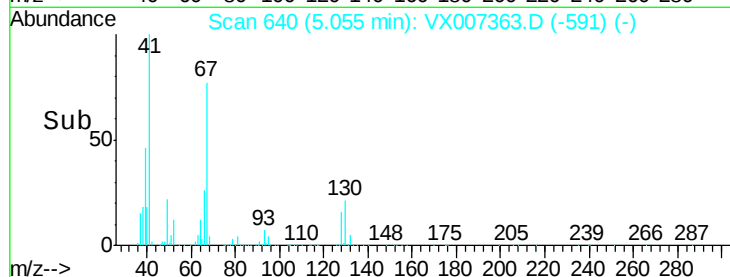


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 46.633 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX007363.D

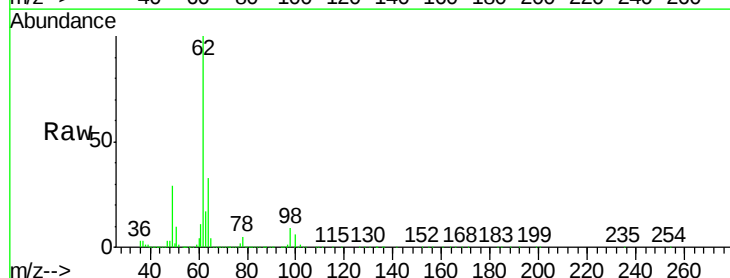
Acq: 04 Feb 2019 16:56

Tgt Ion: 62 Resp: 308366

Ion Ratio Lower Upper

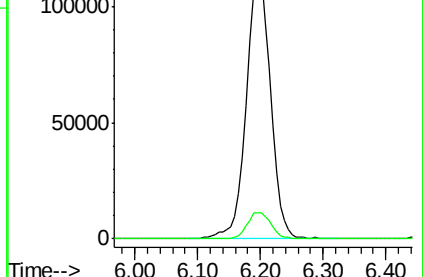
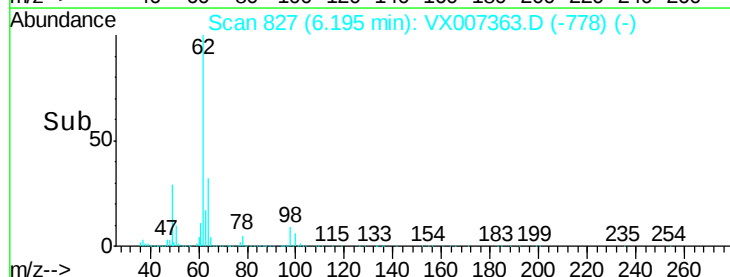
62 100

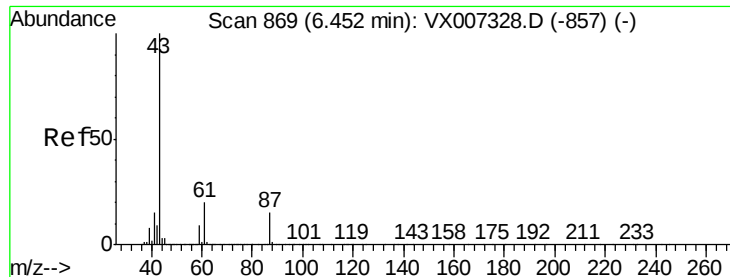
98 9.8 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



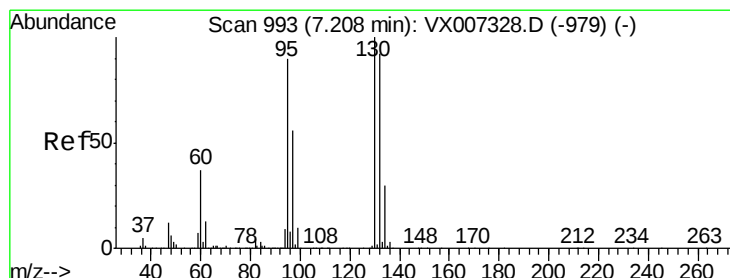
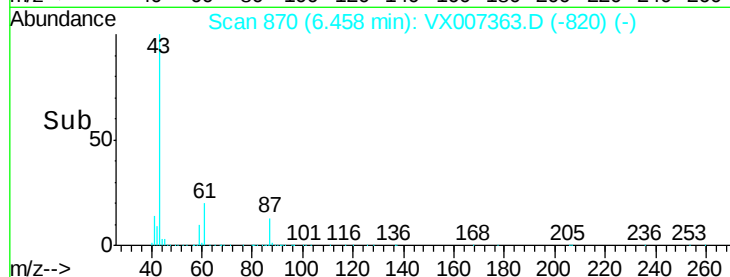
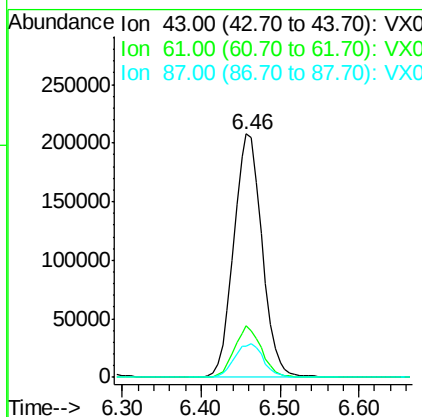
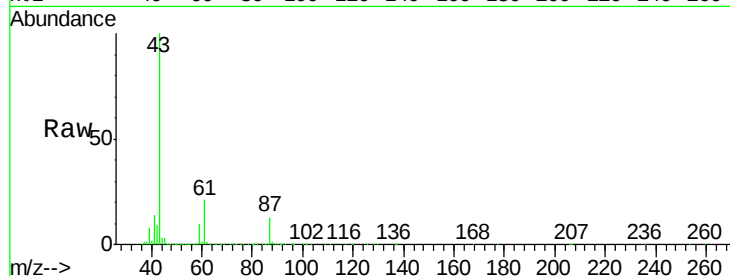


#43

Isopropyl Acetate
 Concen: 51.156 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.01 min
 Lab File: VX007363.D
 Acq: 04 Feb 2019 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

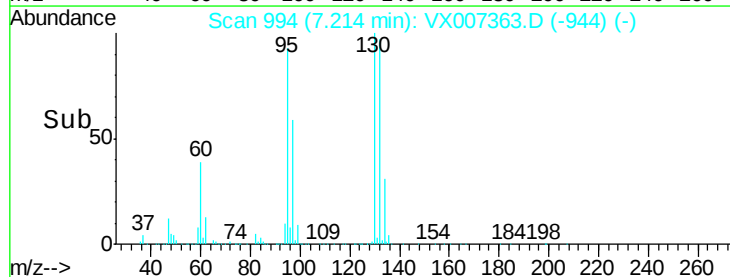
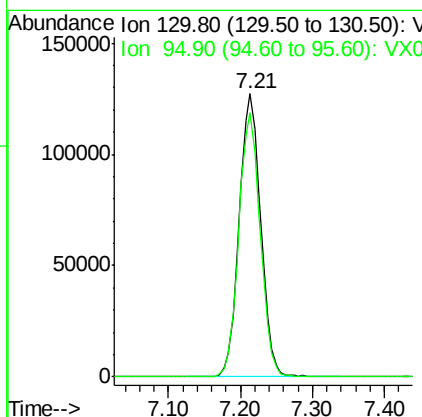
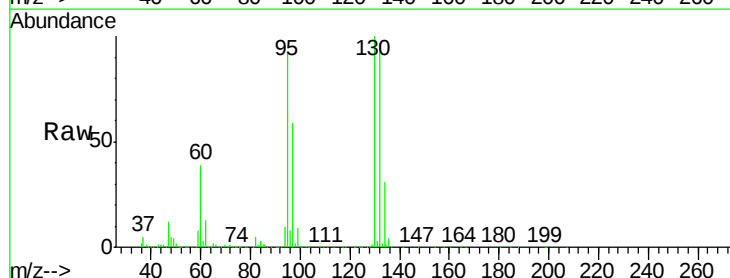
Tot Ion	43	Resp	517872
Ion Ratio	Lower	Upper	
43	100		
61	20.0	16.1	24.1
87	14.3	11.5	17.3

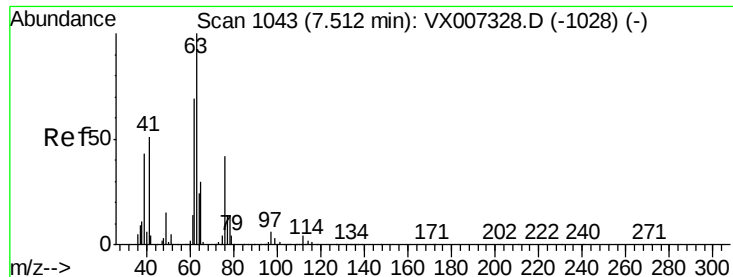


#44

Trichloroethene
 Concen: 45.791 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX007363.D
 Acq: 04 Feb 2019 16:56

Tgt Ion	130	Resp	263576
Ion Ratio	Lower	Upper	
130	100		
95	93.5	0.0	180.0





#45

1,2-Dichloropropane

Concen: 47.767 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

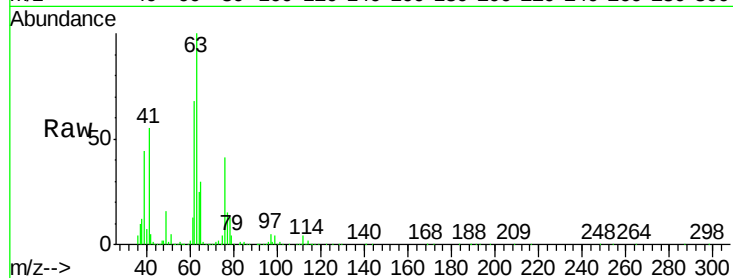
VSTDCCC050EC

Tot Ion: 63 Resp: 228734

Ion Ratio Lower Upper

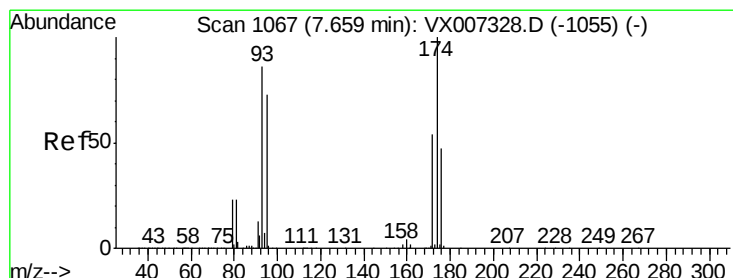
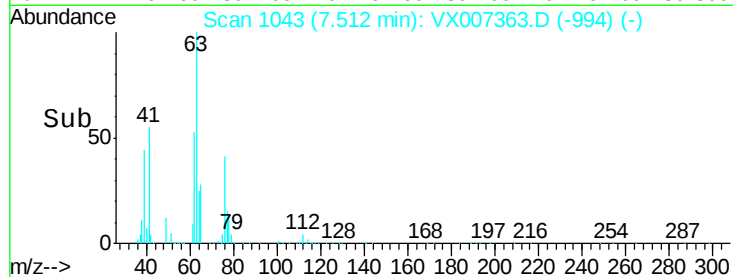
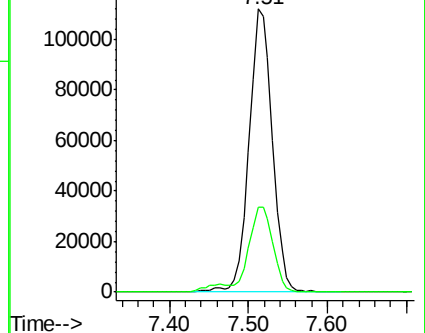
63 100

65 30.0 24.2 36.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 47.020 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

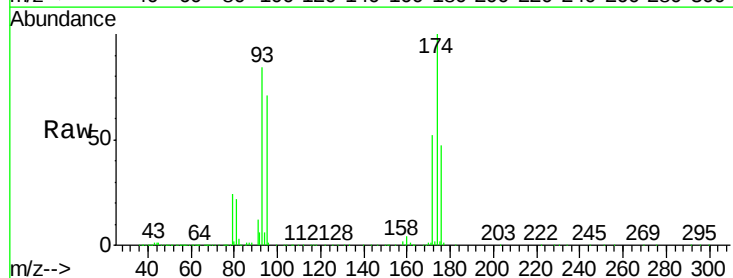
Tgt Ion: 93 Resp: 163647

Ion Ratio Lower Upper

93 100

95 83.4 67.6 101.4

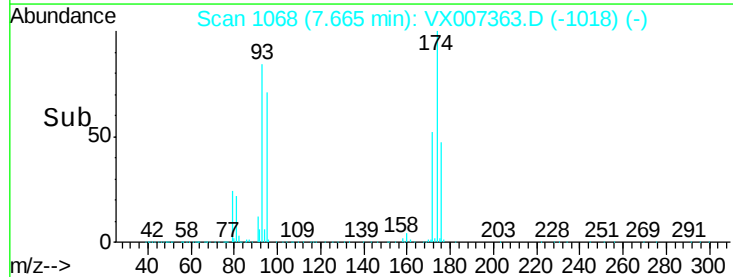
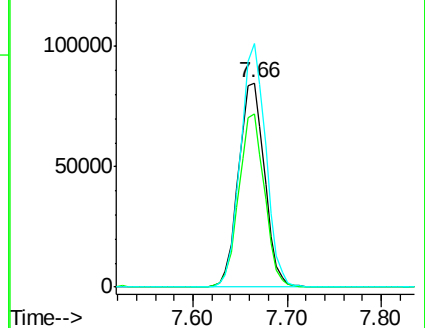
174 116.3 94.2 141.4

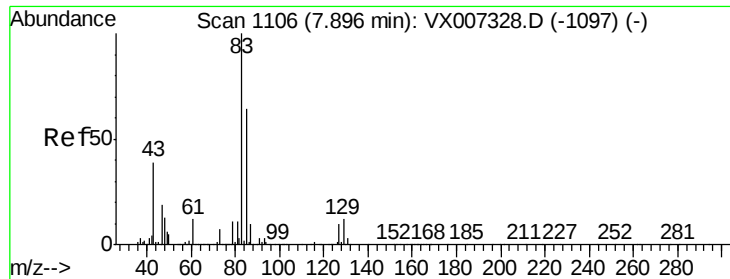


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.572 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

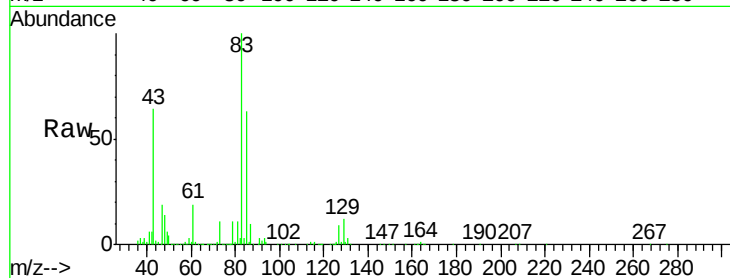
Tot Ion: 83 Resp: 298295

Ion Ratio Lower Upper

83 100

85 63.2 51.4 77.0

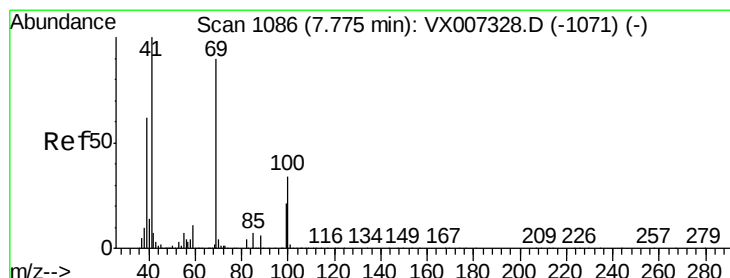
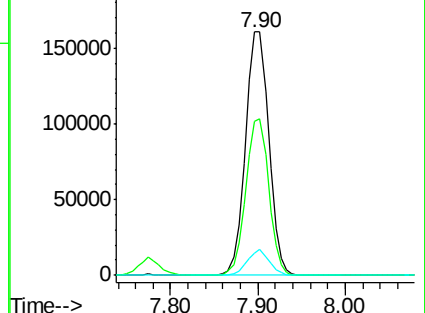
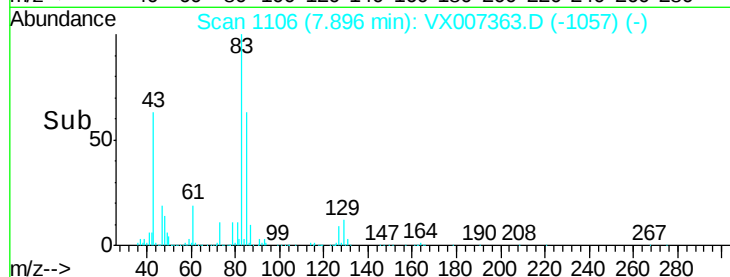
127 9.1 8.1 12.1



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: 52.788 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

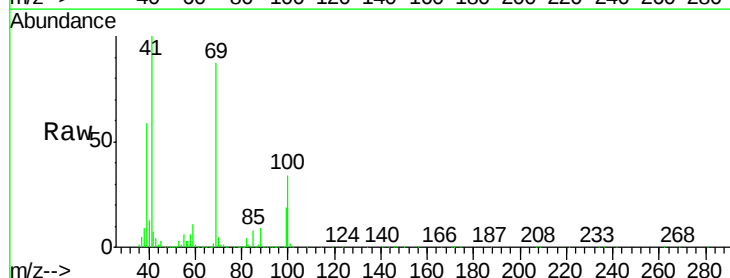
Tgt Ion: 41 Resp: 267300

Ion Ratio Lower Upper

41 100

69 88.4 70.2 105.4

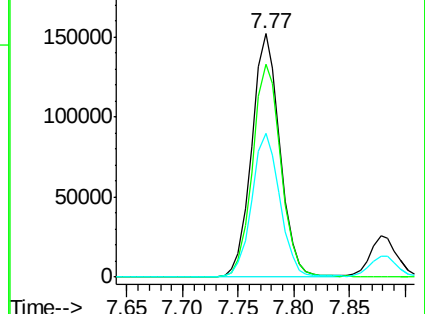
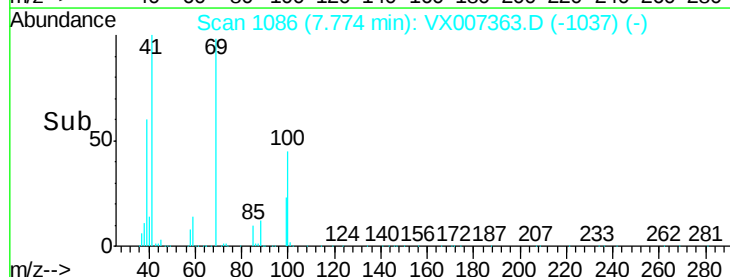
39 59.2 47.4 71.0

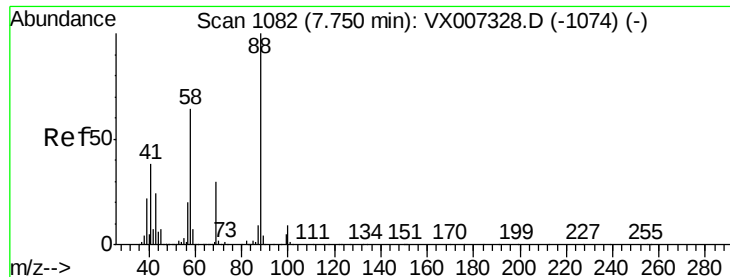


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1056.895 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

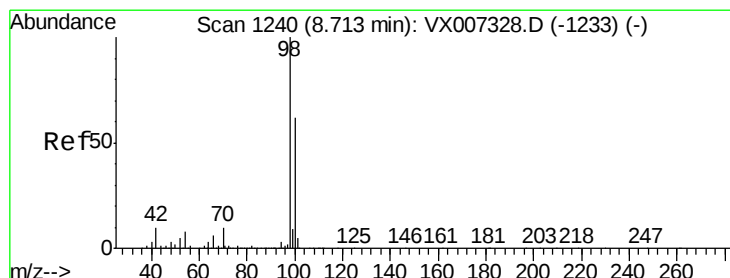
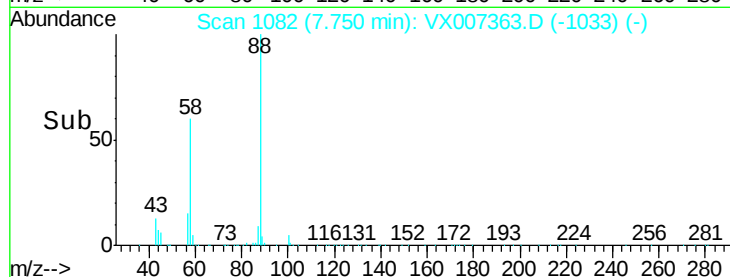
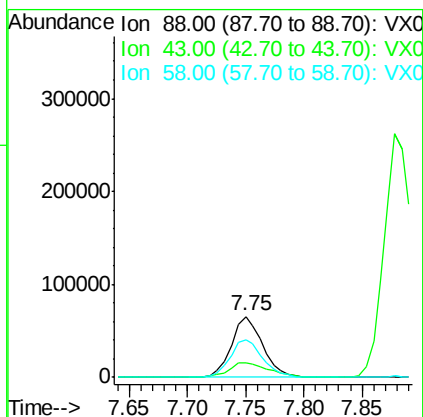
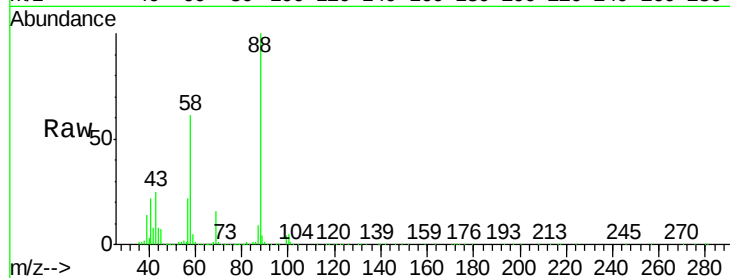
Tot Ion: 88 Resp: 121754

Ion Ratio Lower Upper

88 100

43 28.9 24.2 36.4

58 64.9 53.0 79.4



#50

Toluene-d8

Concen: 49.352 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007363.D

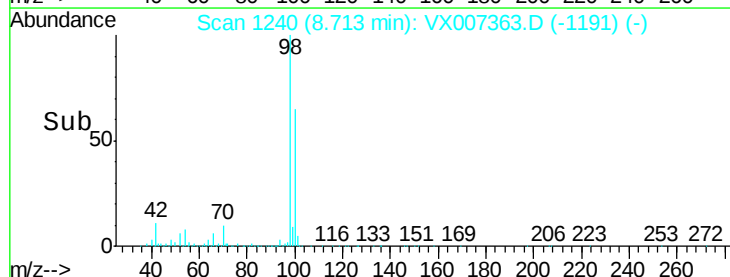
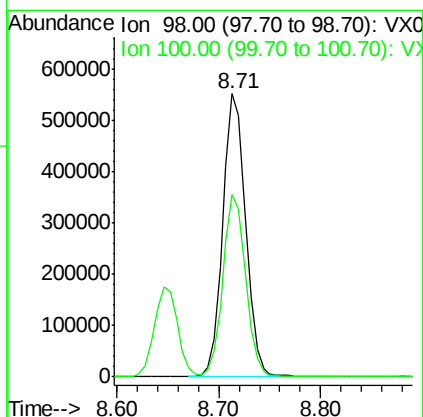
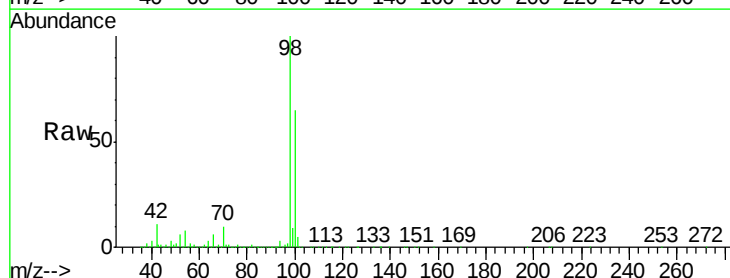
Acq: 04 Feb 2019 16:56

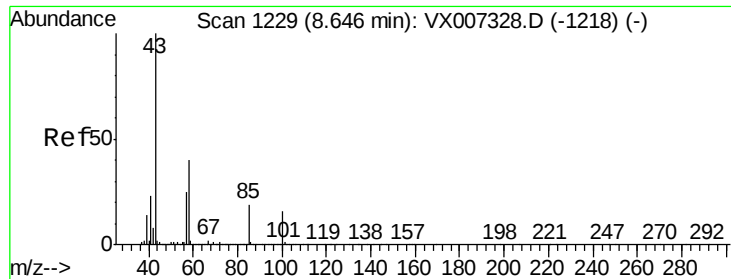
Tgt Ion: 98 Resp: 861514

Ion Ratio Lower Upper

98 100

100 64.3 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 256.333 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

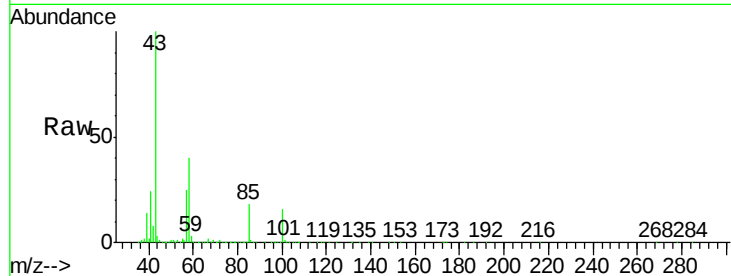
VSTDCCC050EC

Tot Ion: 43 Resp: 1708267

Ion Ratio Lower Upper

43 100

58 39.0 31.2 46.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

1200000

1000000

800000

600000

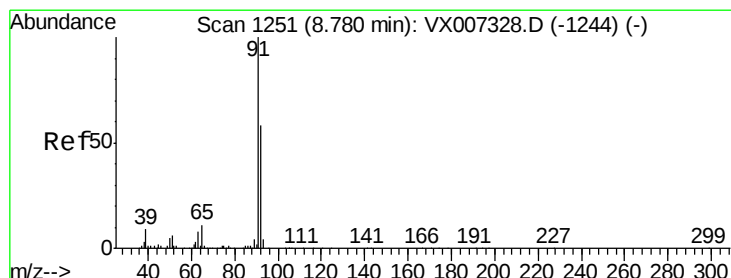
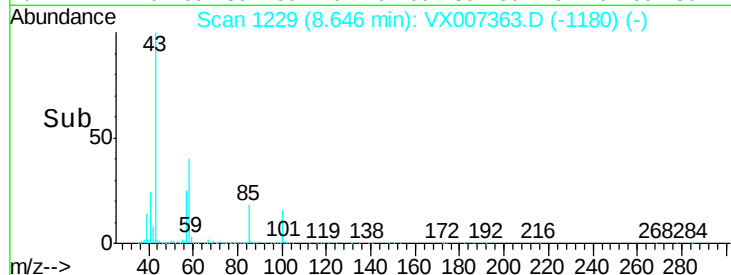
400000

200000

0

8.60 8.70 8.80

Time-->



#52

Toluene

Concen: 47.783 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX007363.D

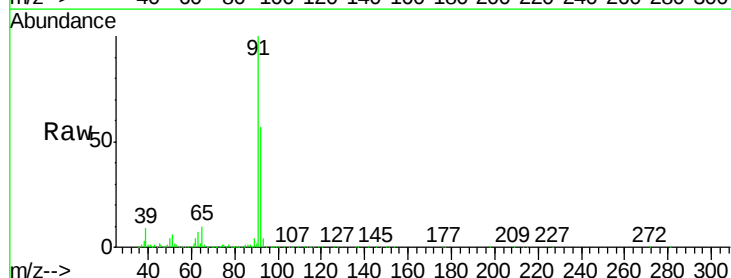
Acq: 04 Feb 2019 16:56

Tgt Ion: 92 Resp: 589200

Ion Ratio Lower Upper

92 100

91 175.5 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

800000

600000

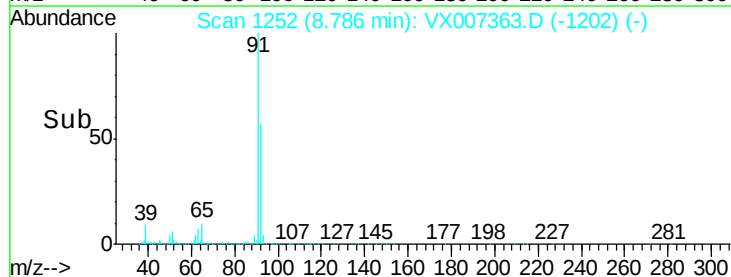
400000

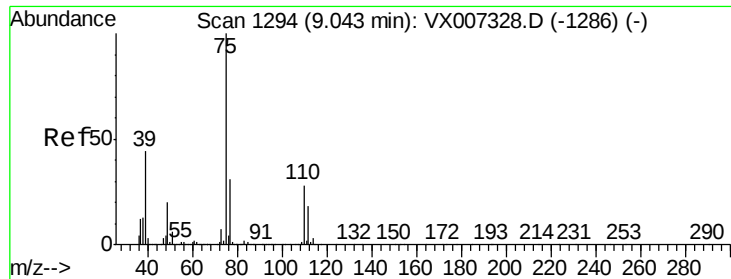
200000

0

8.70 8.80 8.90

Time-->





#53

t-1,3-Dichloropropene

Concen: 52.816 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

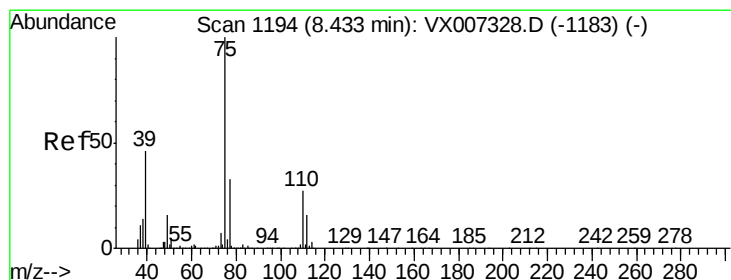
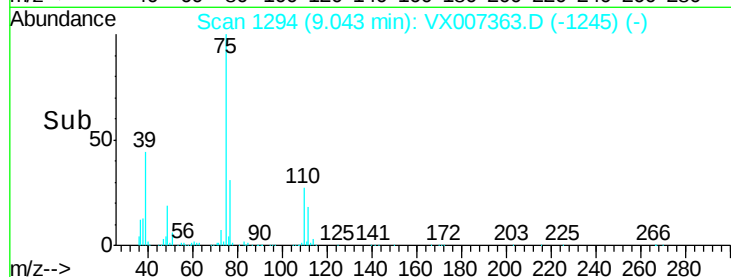
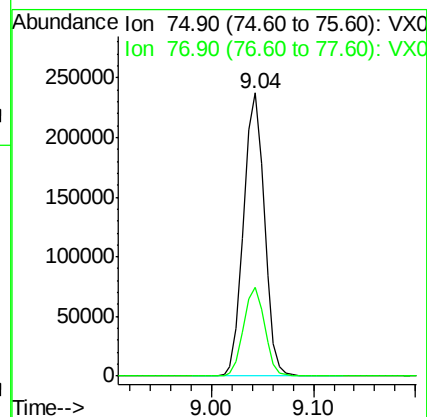
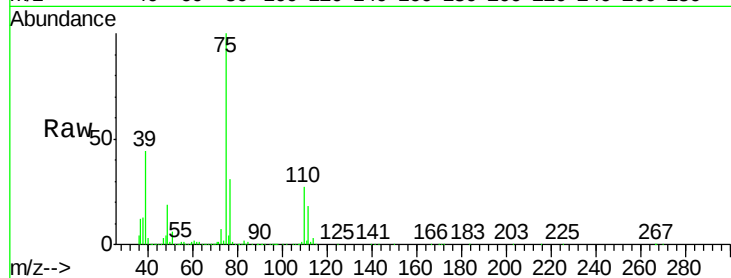
VSTDCCC050EC

Tot Ion: 75 Resp: 334630

Ion Ratio Lower Upper

75 100

77 31.2 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 51.309 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

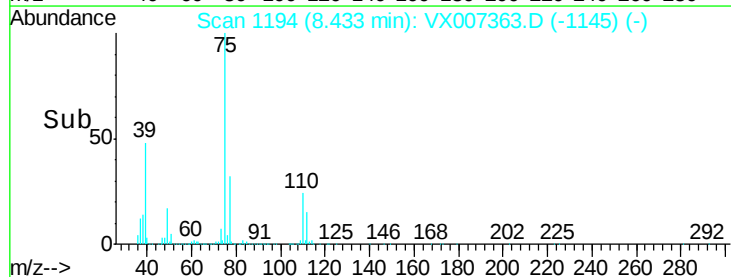
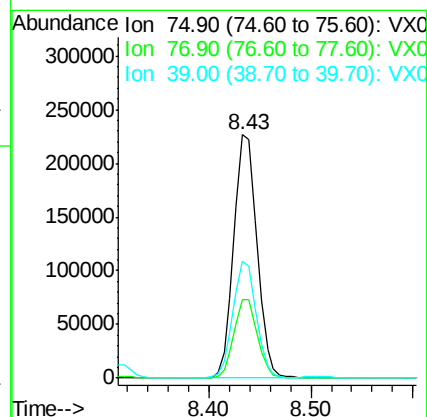
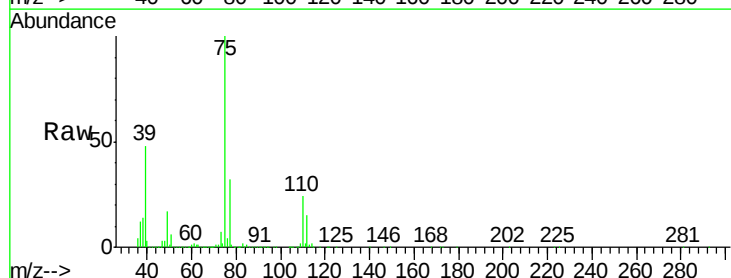
Tgt Ion: 75 Resp: 357488

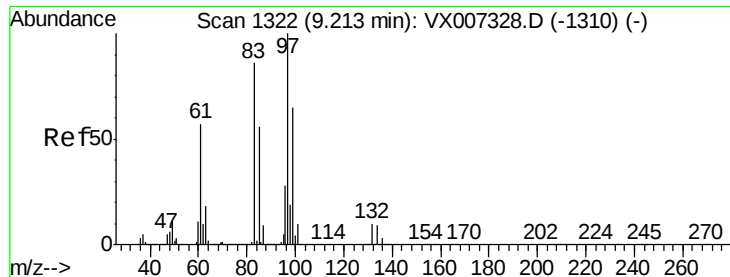
Ion Ratio Lower Upper

75 100

77 31.9 26.2 39.4

39 47.7 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 47.989 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 246665

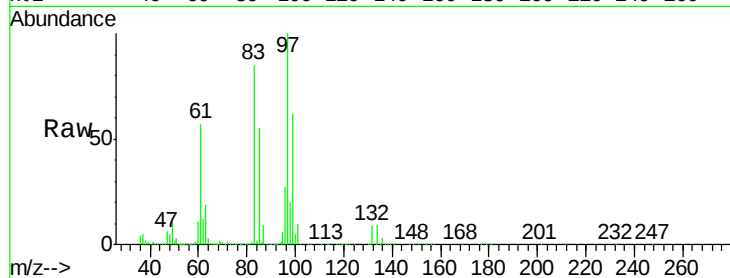
Ion	Ratio	Lower	Upper
97	100		
83	84.9	68.6	102.8
85	54.9	44.5	66.7
99	61.7	52.2	78.4

97 100

83 84.9 68.6 102.8

85 54.9 44.5 66.7

99 61.7 52.2 78.4



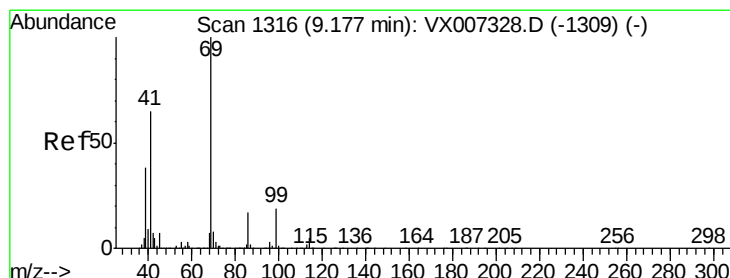
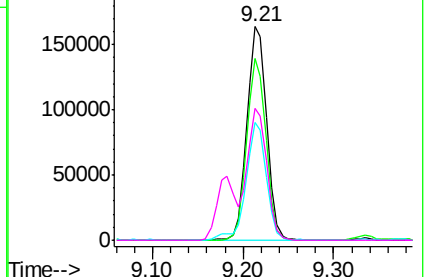
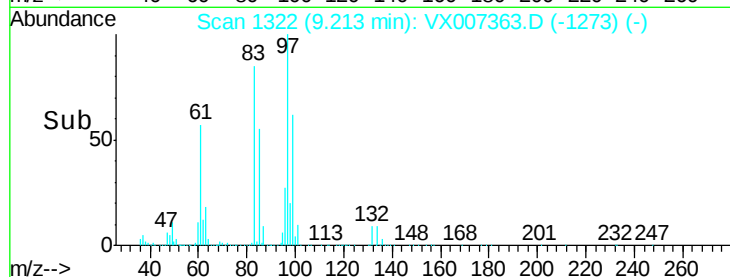
Abundance Ion 96.90 (96.60 to 97.60): VX0

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

Time-->



#56

Ethyl methacrylate

Concen: 49.800 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.01 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

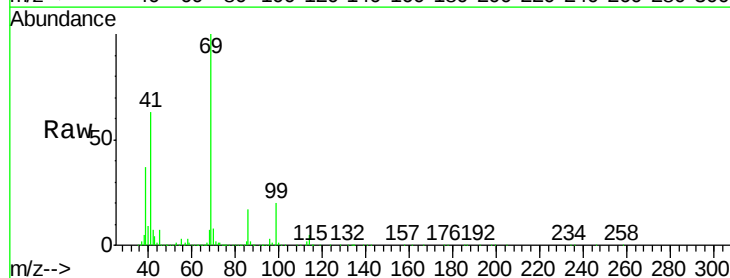
Tgt Ion: 69 Resp: 354524

Ion	Ratio	Lower	Upper
69	100		
41	65.2	52.1	78.1
39	38.1	30.1	45.1

69 100

41 65.2 52.1 78.1

39 38.1 30.1 45.1

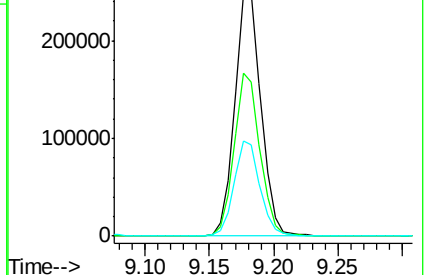
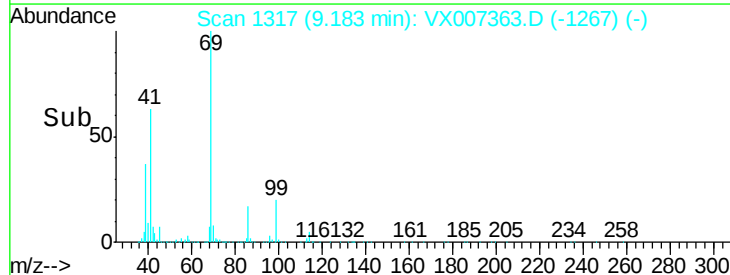


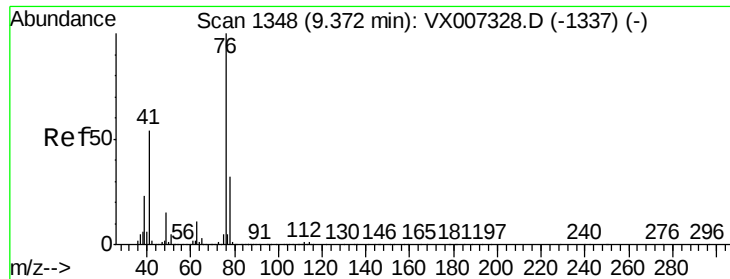
Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Time-->

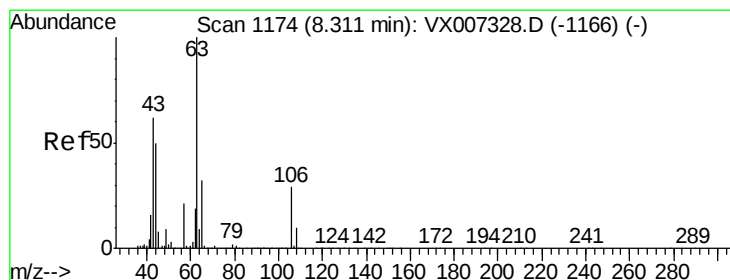
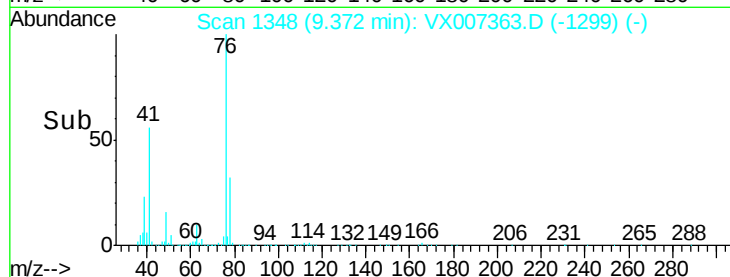
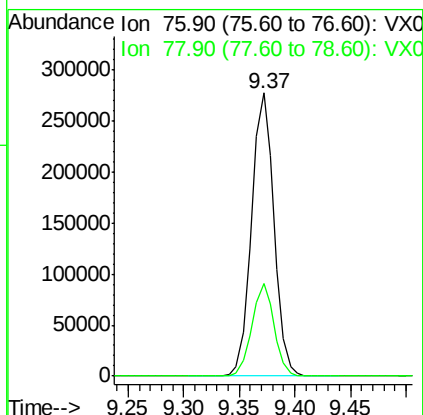
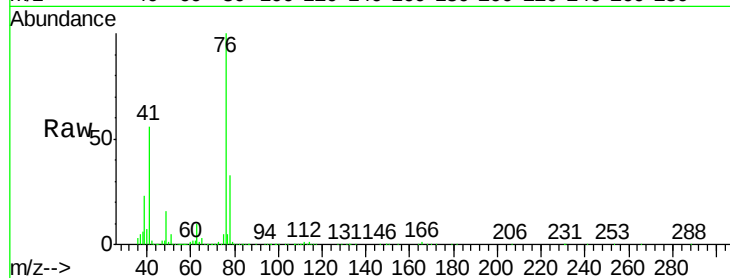




#57
 1,3-Dichloropropane
 Concen: 47.628 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX007363.D
 Acq: 04 Feb 2019 16:56

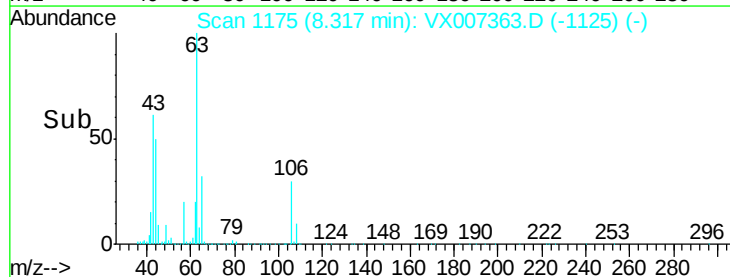
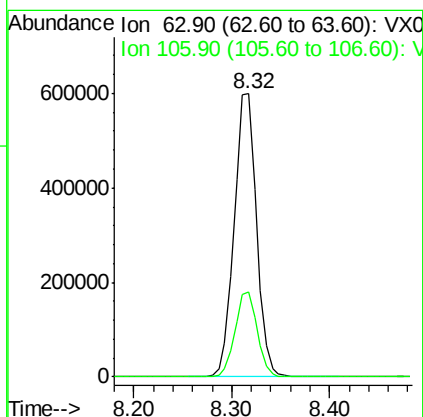
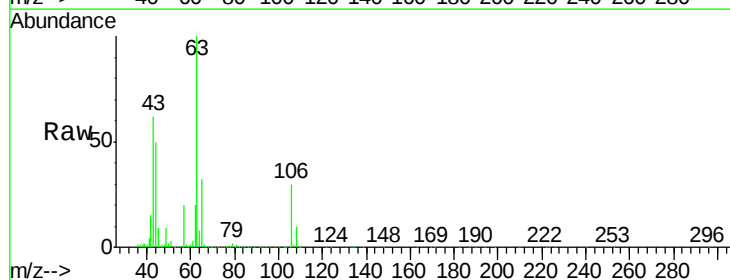
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

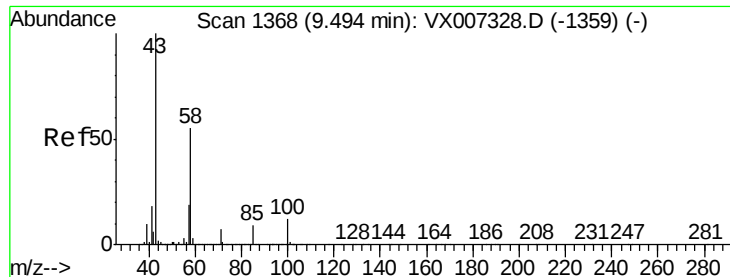
Tot Ion: 76 Resp: 389315
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 252.982 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: VX007363.D
 Acq: 04 Feb 2019 16:56

Tgt Ion: 63 Resp: 949258
 Ion Ratio Lower Upper
 63 100
 106 29.9 23.6 35.4

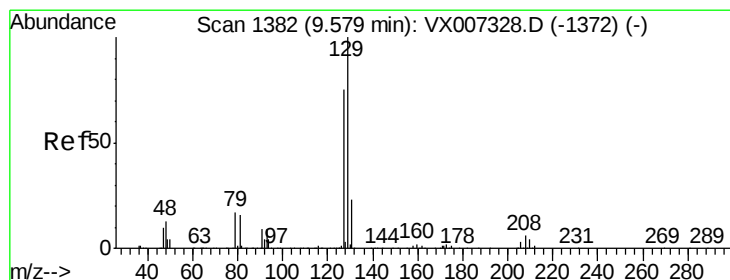
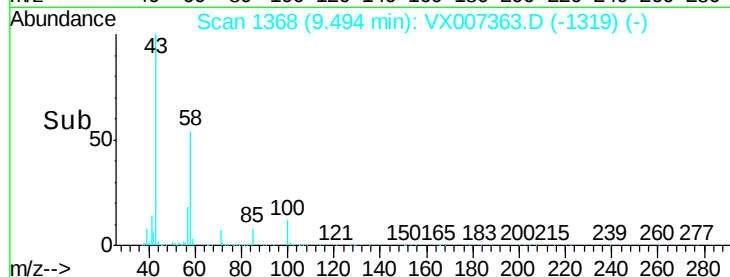
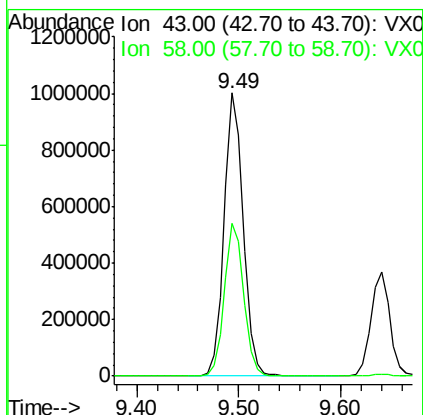
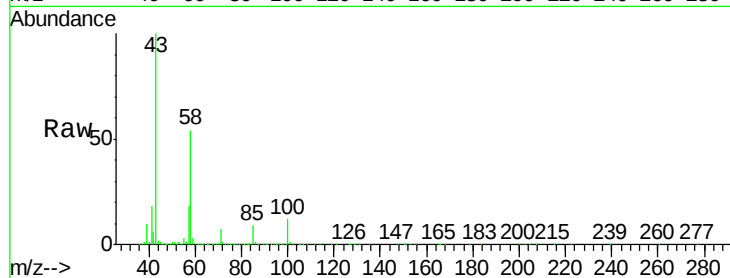




#59
2-Hexanone
Concen: 251.347 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007363.D
Acq: 04 Feb 2019 16:56

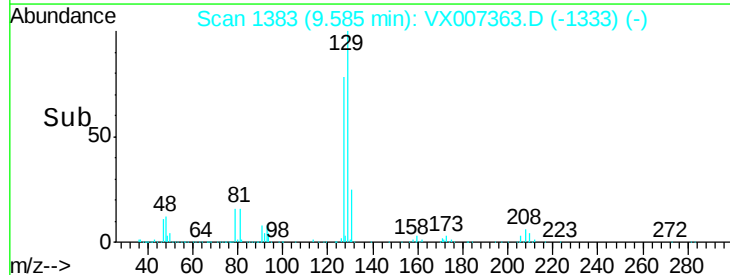
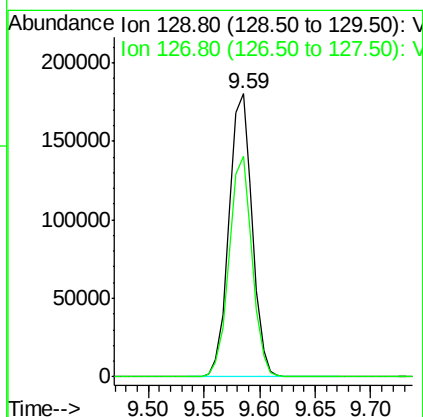
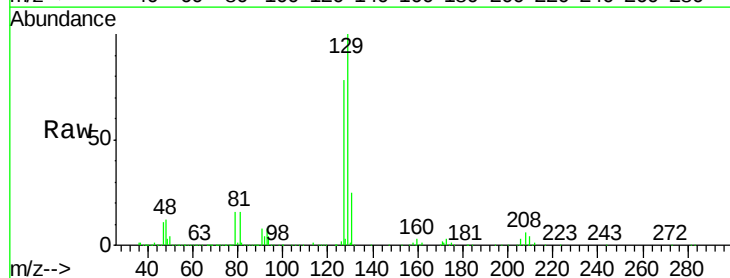
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

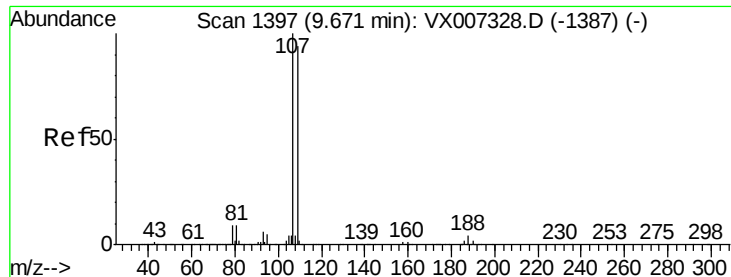
Tot Ion: 43 Resp: 1303458
Ion Ratio Lower Upper
43 100
58 54.5 27.1 81.3



#60
Dibromochloromethane
Concen: 53.417 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX007363.D
Acq: 04 Feb 2019 16:56

Tgt Ion: 129 Resp: 259671
Ion Ratio Lower Upper
129 100
127 76.8 37.8 113.4





#61

1,2-Dibromoethane

Concen: 48.501 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

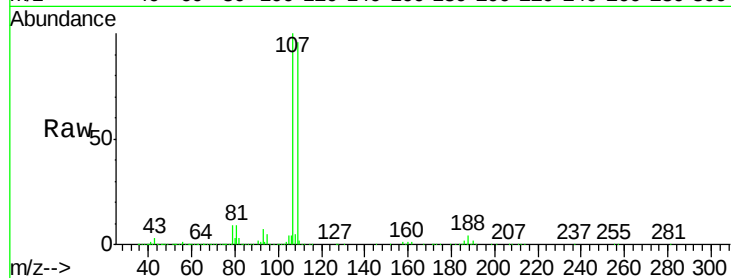
VSTDCCC050EC

Tot Ion:107 Resp: 264008

Ion Ratio Lower Upper

107 100

109 95.4 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

200000

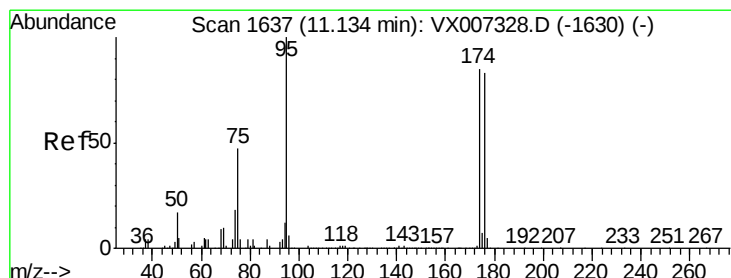
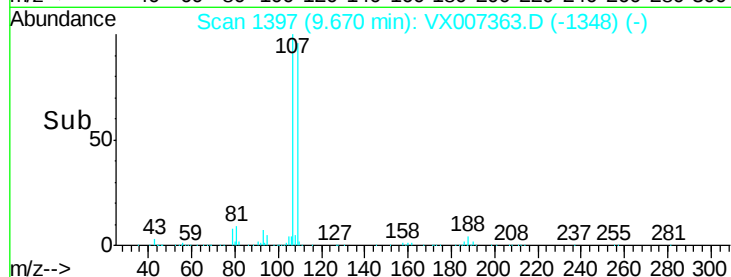
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.420 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

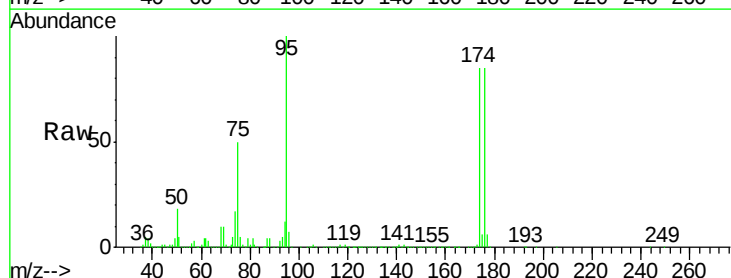
Tgt Ion: 95 Resp: 302225

Ion Ratio Lower Upper

95 100

174 95.9 0.0 189.2

176 93.6 0.0 186.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

300000

250000

200000

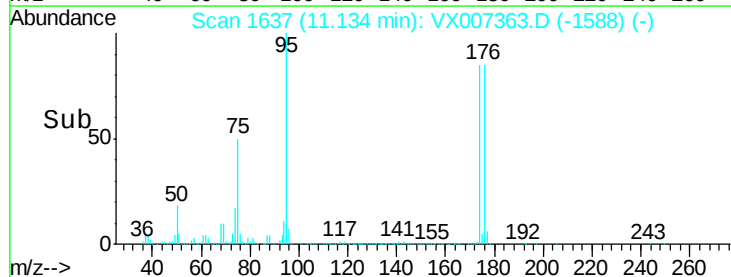
150000

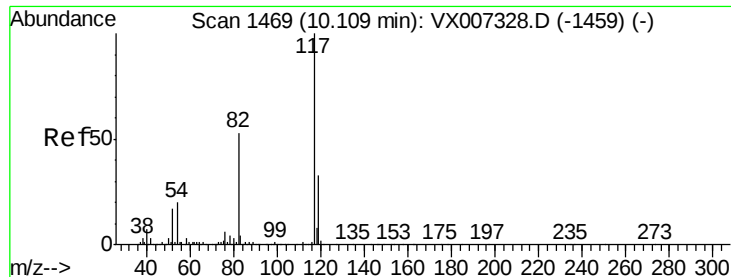
100000

50000

0

Time-->

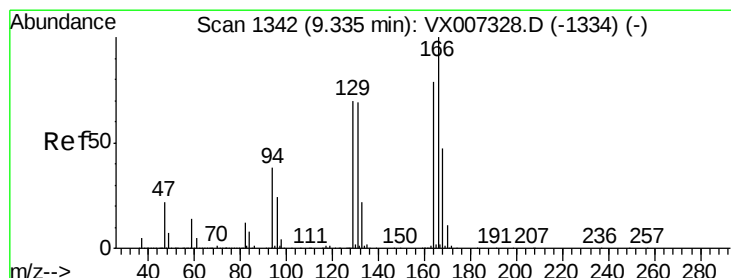
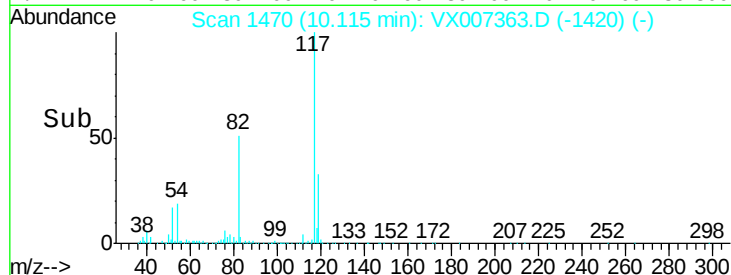
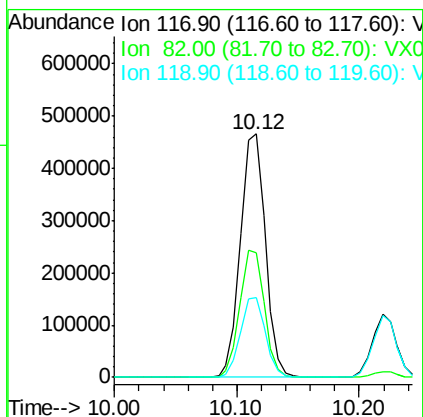
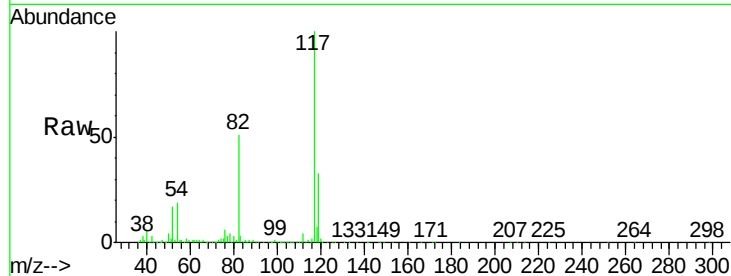




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007363.D
Acq: 04 Feb 2019 16:56

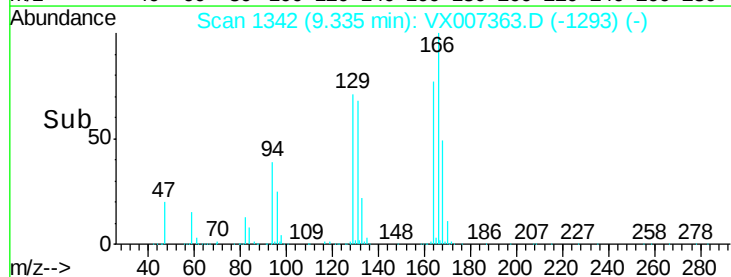
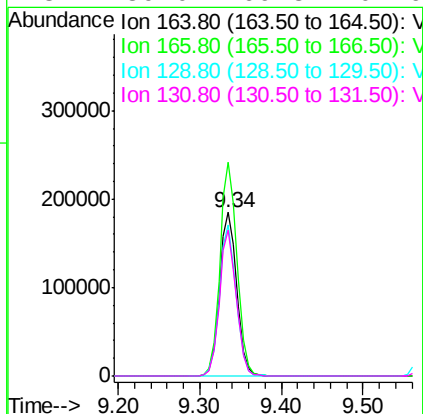
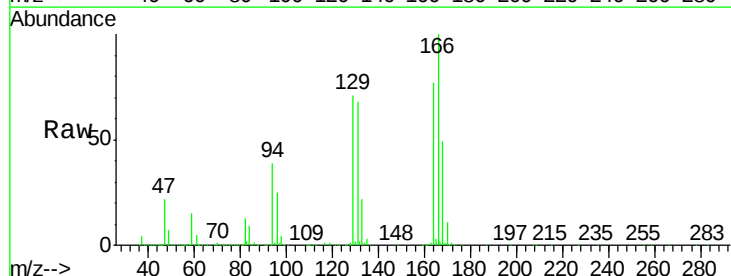
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

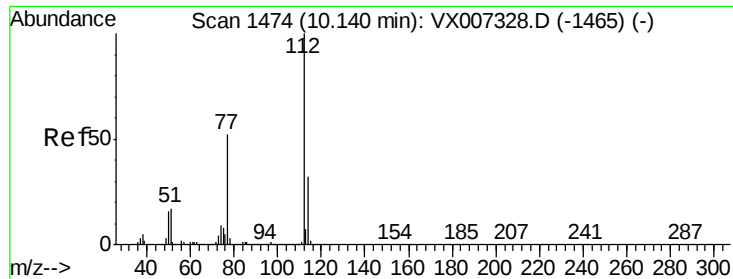
Tot Ion:117 Resp: 661596
Ion Ratio Lower Upper
117 100
82 51.1 42.1 63.1
119 33.0 26.5 39.7



#64
Tetrachloroethene
Concen: 43.496 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007363.D
Acq: 04 Feb 2019 16:56

Tgt Ion:164 Resp: 271230
Ion Ratio Lower Upper
164 100
166 130.4 101.0 151.4
129 92.5 70.5 105.7
131 89.0 69.8 104.6

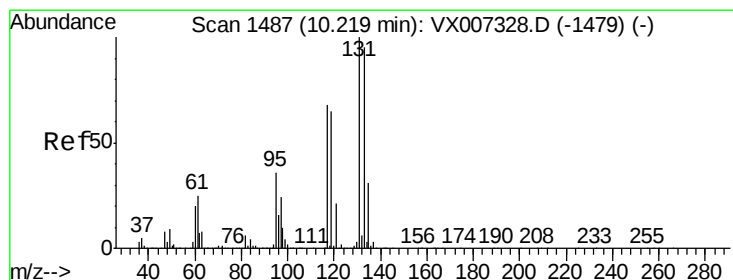
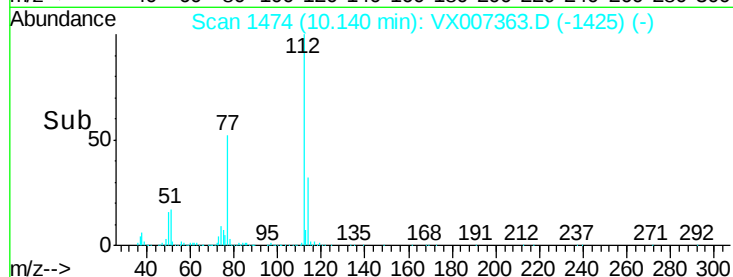
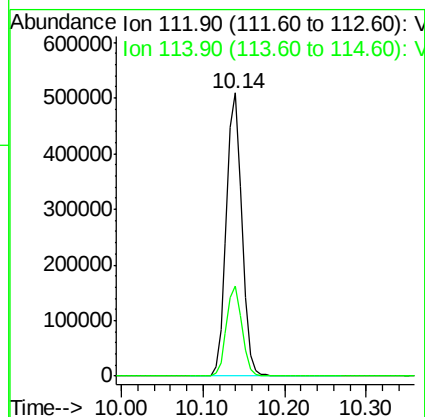
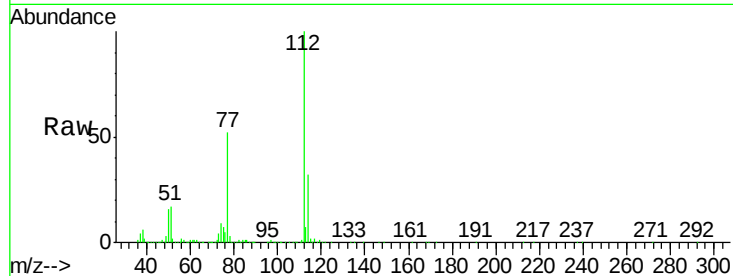




#65
Chlorobenzene
Concen: 46.644 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007363.D
Acq: 04 Feb 2019 16:56

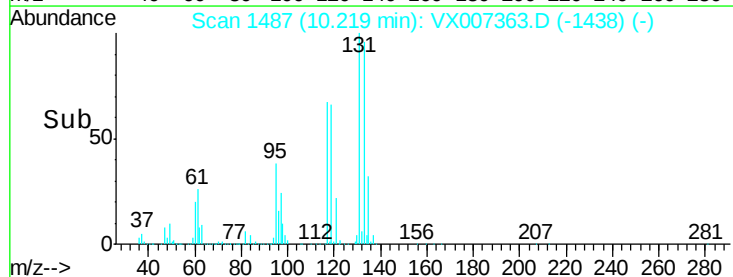
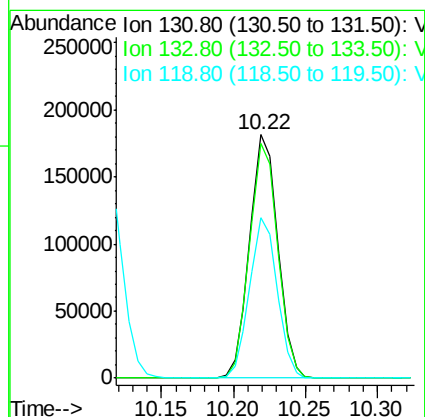
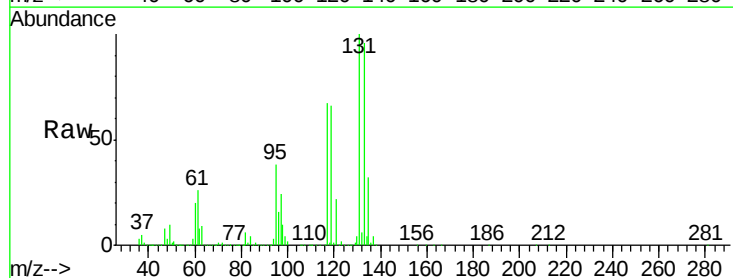
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

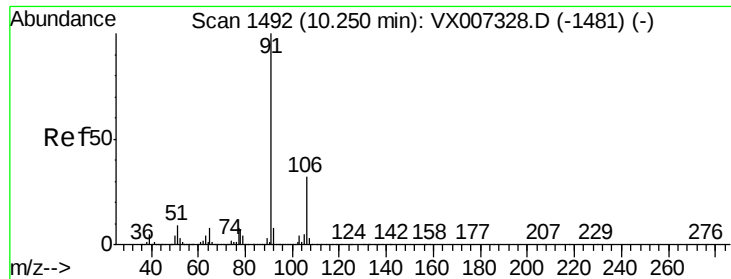
Tot Ion:112 Resp: 673411
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.751 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007363.D
Acq: 04 Feb 2019 16:56

Tgt Ion:131 Resp: 245653
Ion Ratio Lower Upper
131 100
133 96.4 48.0 144.2
119 64.9 32.0 96.0





#67

Ethyl Benzene

Concen: 48.140 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

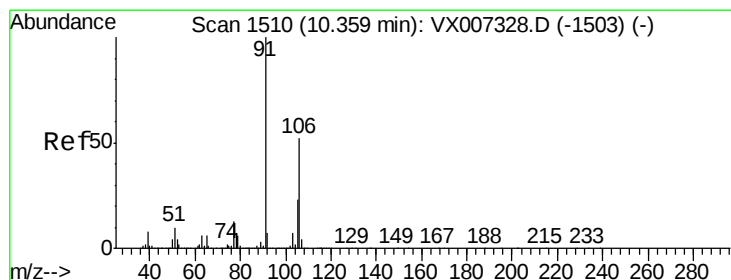
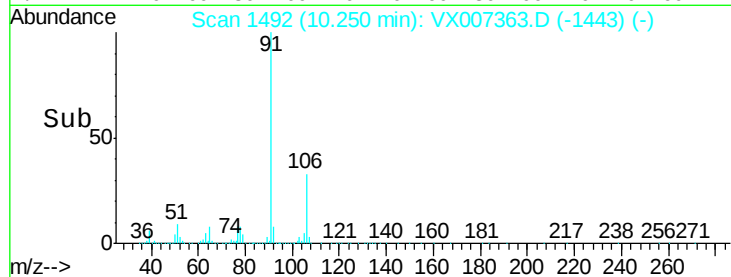
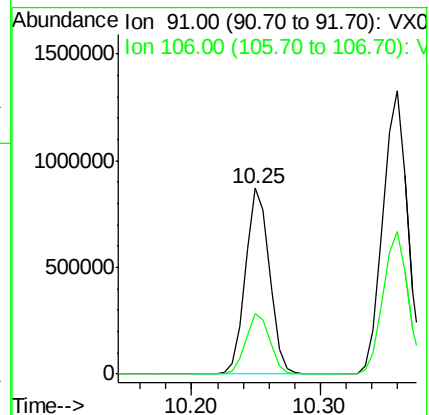
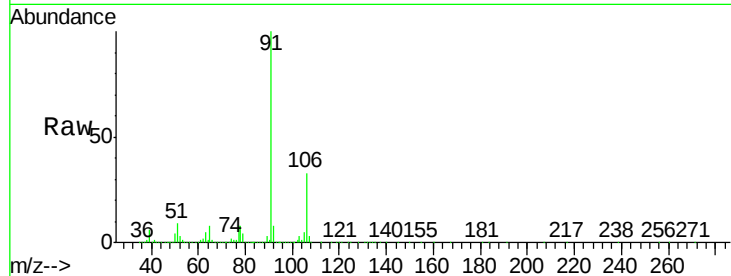
VSTDCCC050EC

Tot Ion: 91 Resp: 1119241

Ion Ratio Lower Upper

91 100

106 32.6 25.4 38.0



#68

m/p-Xylenes

Concen: 96.227 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007363.D

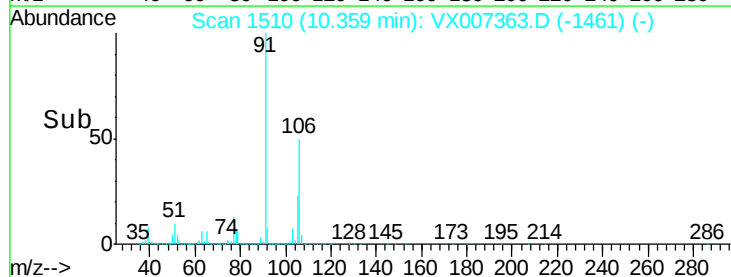
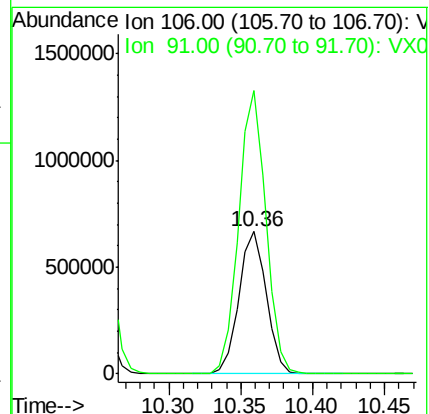
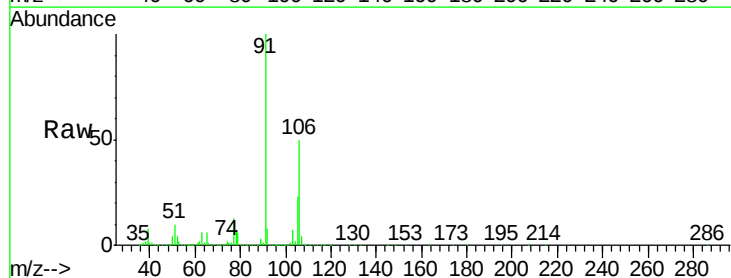
Acq: 04 Feb 2019 16:56

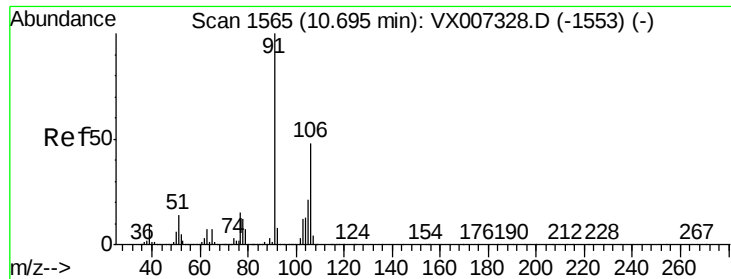
Tgt Ion: 106 Resp: 889327

Ion Ratio Lower Upper

106 100

91 197.1 156.6 234.8

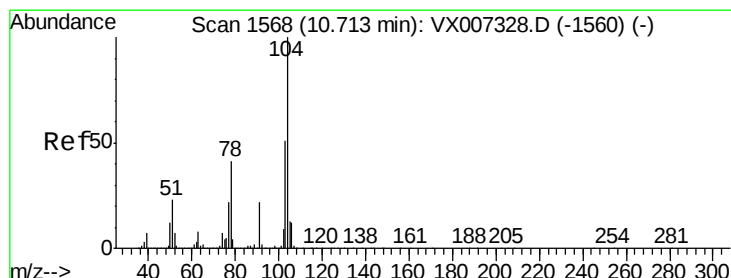
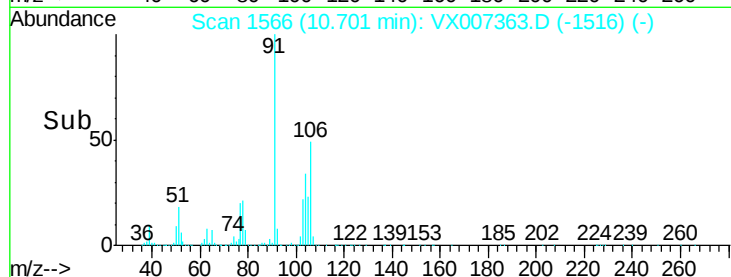
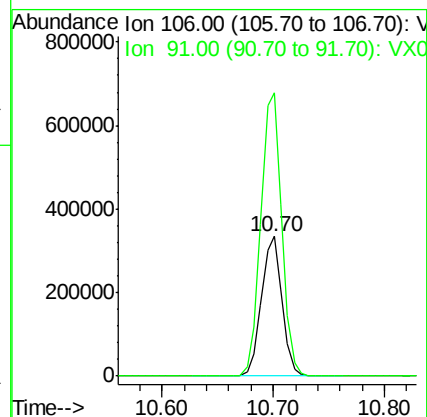
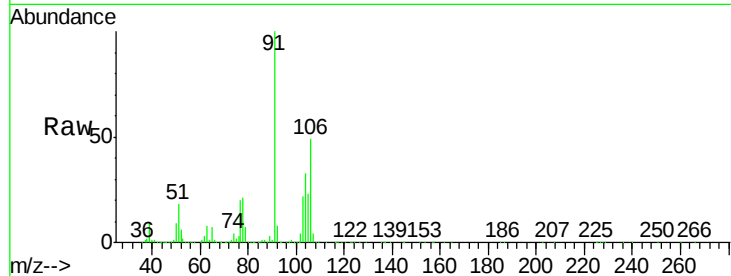




#69
o-Xylene
Concen: 48.471 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX007363.D
Acq: 04 Feb 2019 16:56

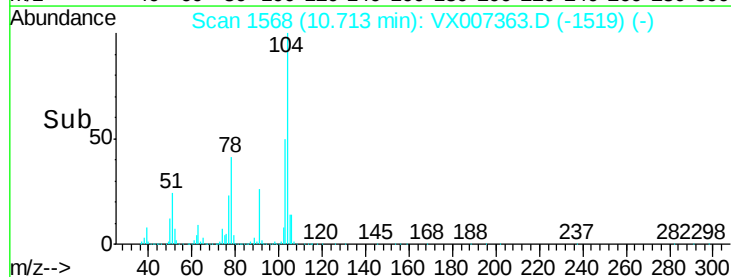
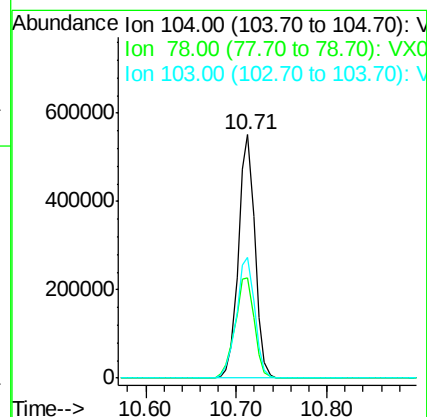
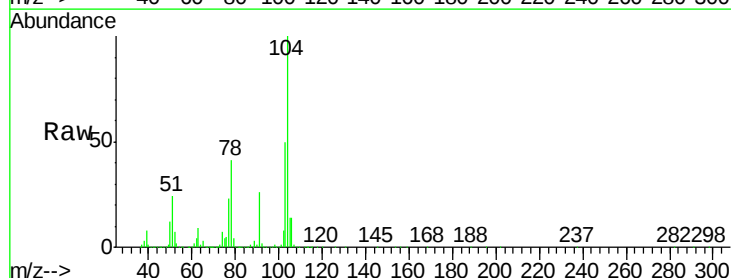
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

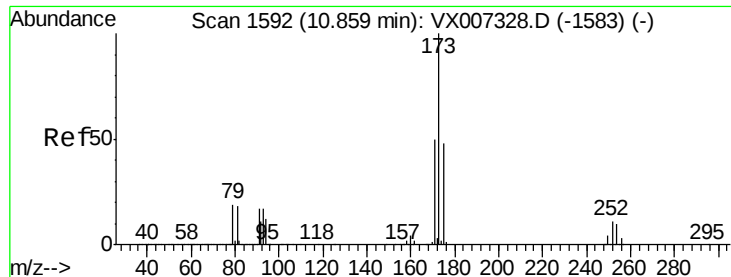
Tot Ion:106 Resp: 431054
Ion Ratio Lower Upper
106 100
91 206.4 102.9 308.7



#70
Styrene
Concen: 48.330 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007363.D
Acq: 04 Feb 2019 16:56

Tgt Ion:104 Resp: 697047
Ion Ratio Lower Upper
104 100
78 48.1 38.3 57.5
103 55.4 44.6 67.0





#71

Bromoform

Concen: 46.843 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

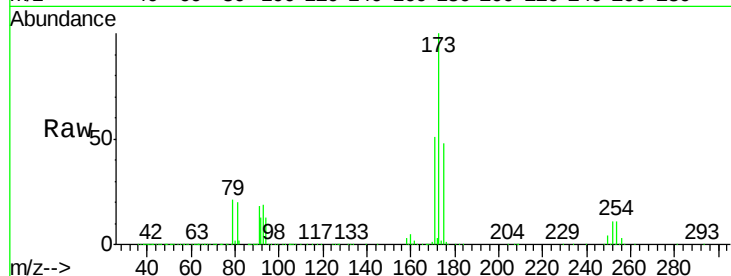
Tot Ion:173 Resp: 197690

Ion Ratio Lower Upper

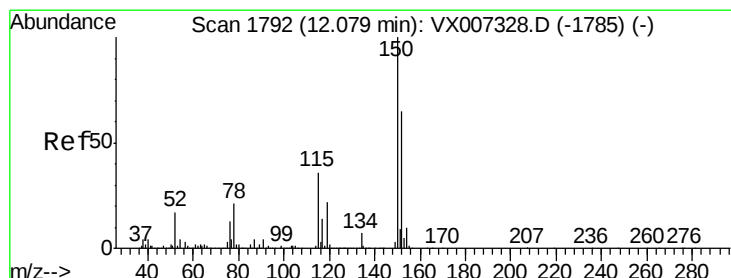
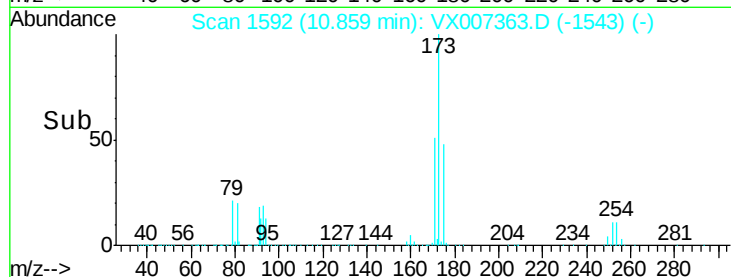
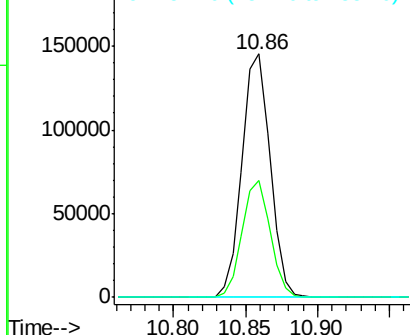
173 100

175 47.8 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: VX007363.D

Acq: 04 Feb 2019 16:56

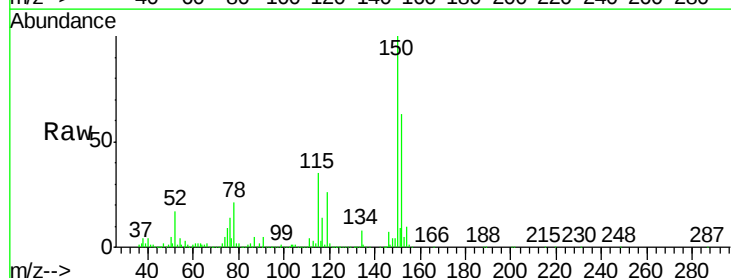
Tgt Ion:152 Resp: 342083

Ion Ratio Lower Upper

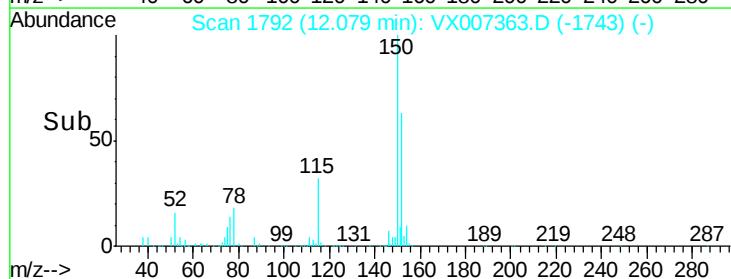
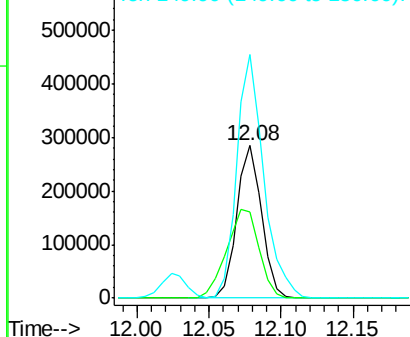
152 100

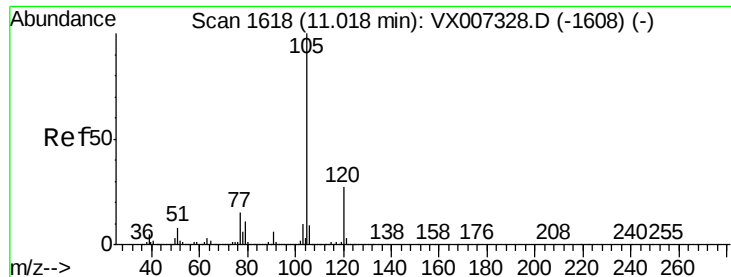
115 76.4 38.0 114.0

150 173.8 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.400 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

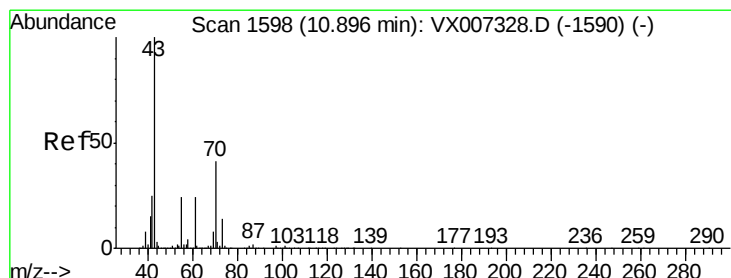
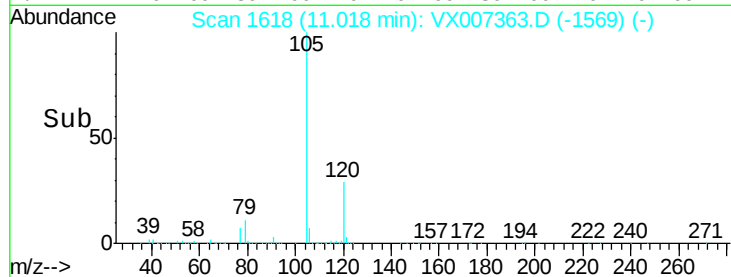
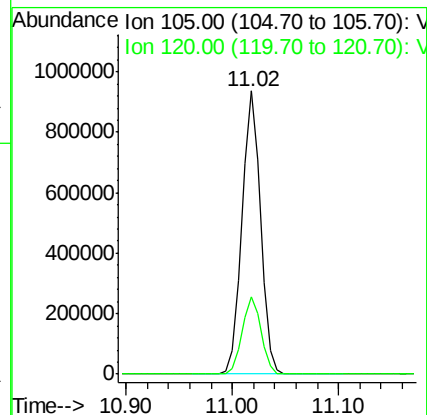
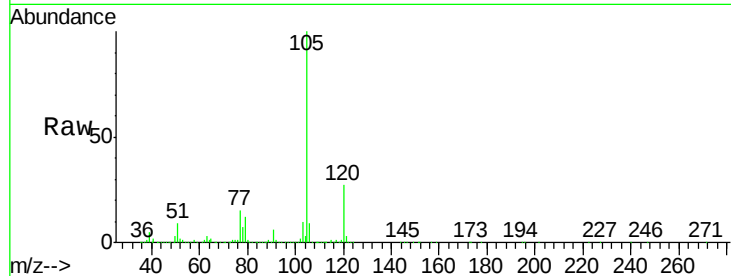
VSTDCCC050EC

Tot Ion:105 Resp: 1148382

Ion Ratio Lower Upper

105 100

120 27.8 13.6 40.7



#74

N-ethyl acetate

Concen: 51.560 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

Tgt Ion: 43 Resp: 463599

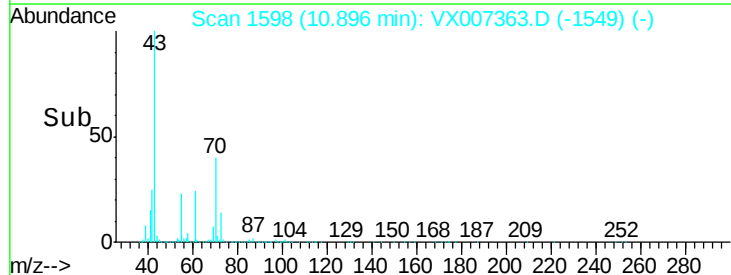
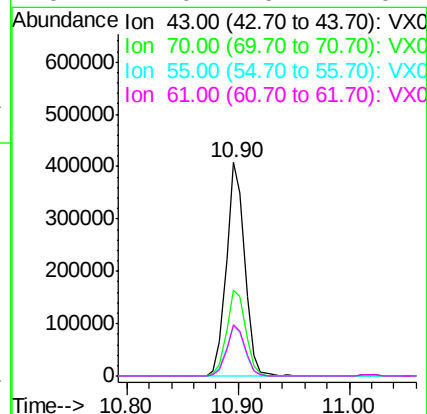
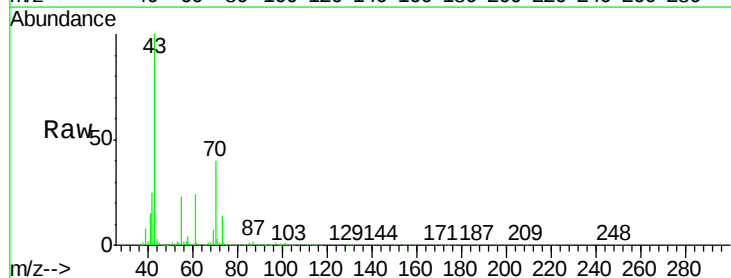
Ion Ratio Lower Upper

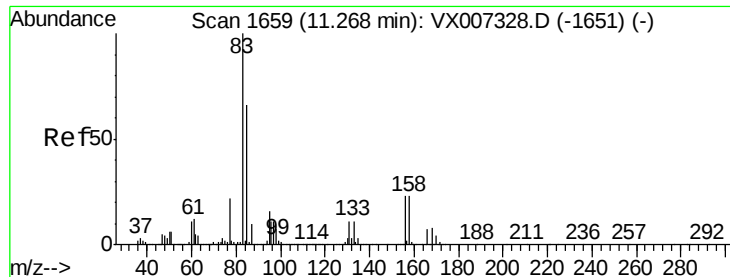
43 100

70 41.9 33.8 50.6

55 23.9 19.5 29.3

61 24.0 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 49.715 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

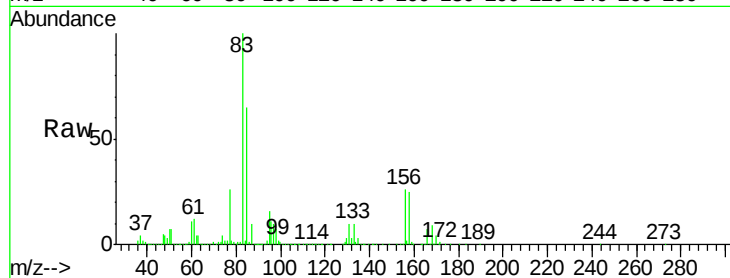
Tot Ion: 83 Resp: 352207

Ion Ratio Lower Upper

83 100

131 11.2 5.7 17.0

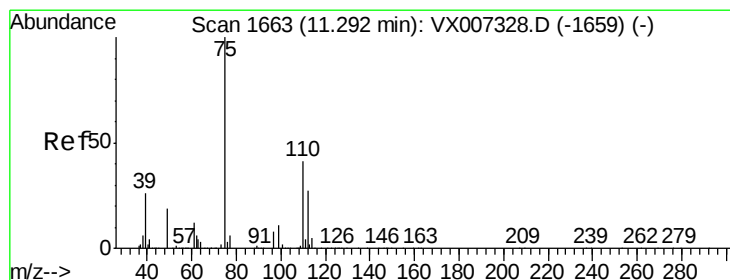
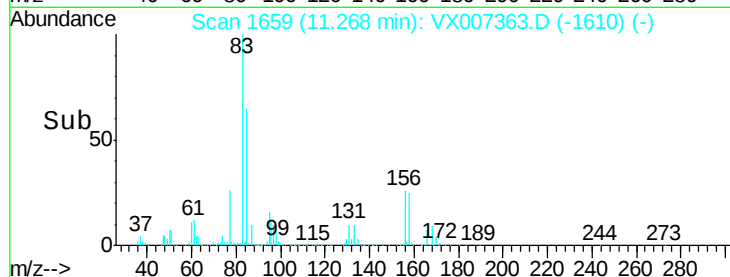
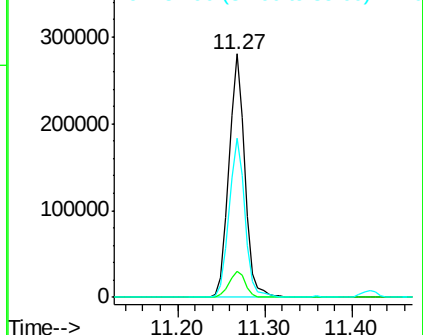
85 65.4 32.8 98.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 63.540 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.01 min

Lab File: VX007363.D

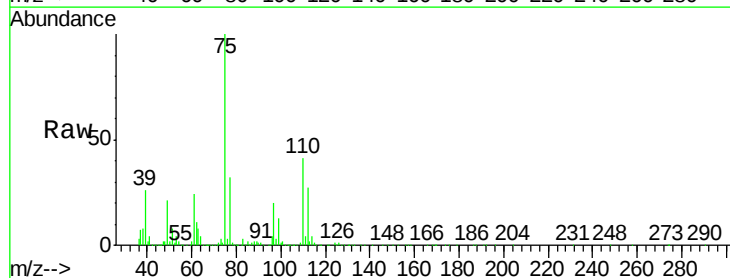
Acq: 04 Feb 2019 16:56

Tgt Ion: 75 Resp: 422793

Ion Ratio Lower Upper

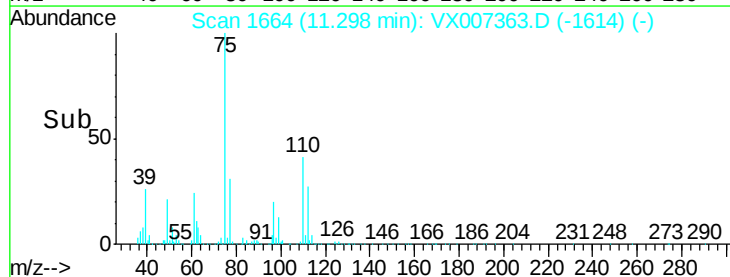
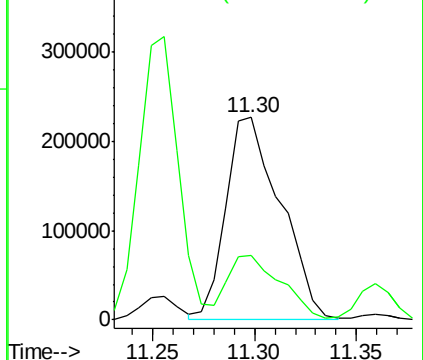
75 100

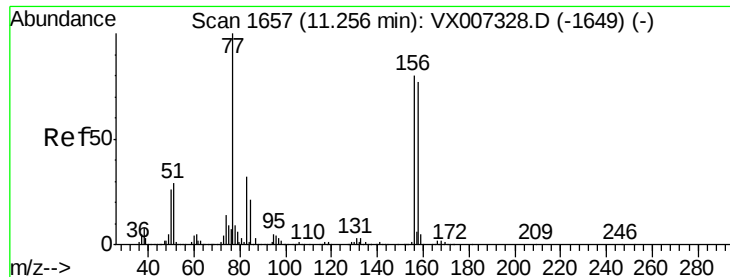
77 30.7 23.0 69.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.350 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

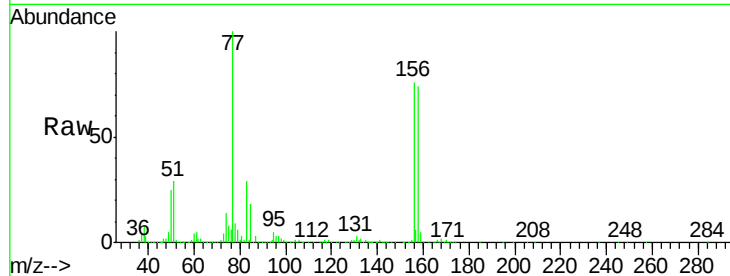
Tot Ion:156 Resp: 310130

Ion Ratio Lower Upper

156 100

77 136.9 66.8 200.6

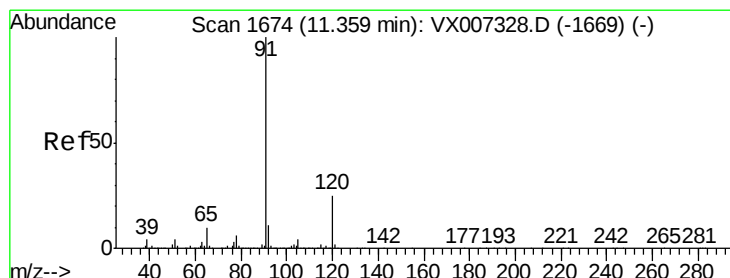
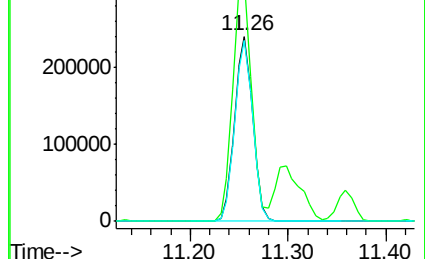
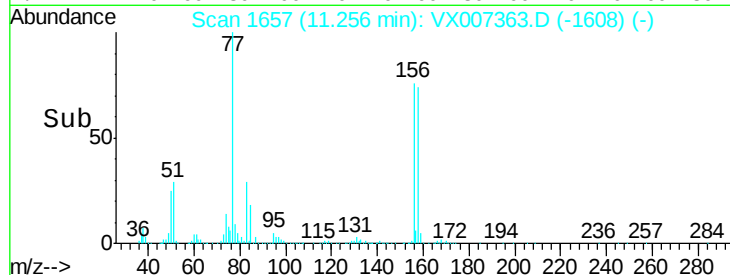
158 97.7 47.9 143.8



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: 50.453 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007363.D

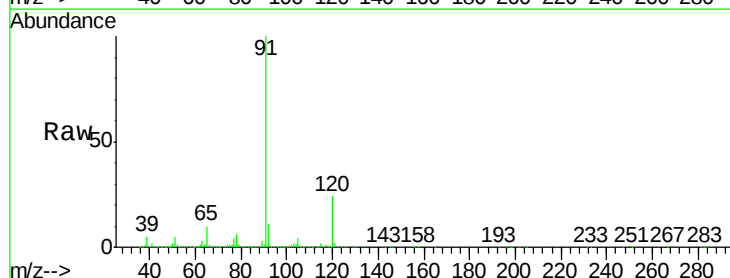
Acq: 04 Feb 2019 16:56

Tgt Ion: 91 Resp: 1286092

Ion Ratio Lower Upper

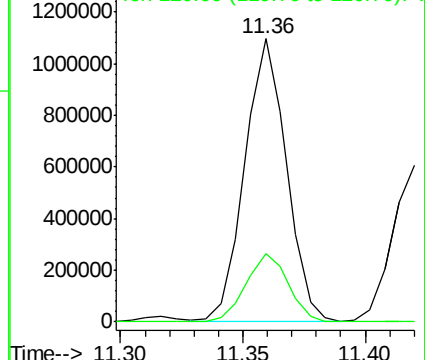
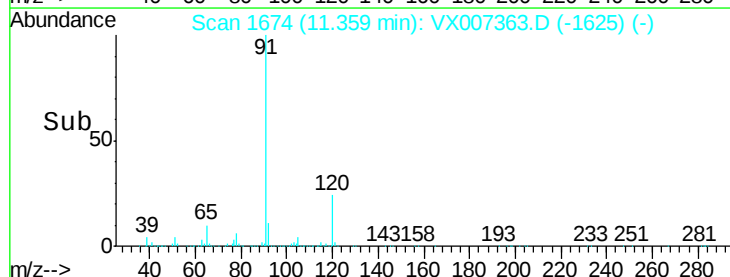
91 100

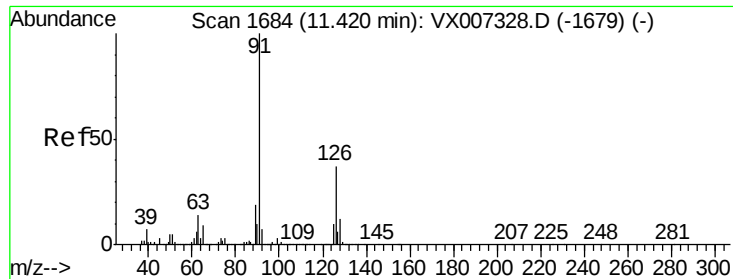
120 24.7 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.192 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

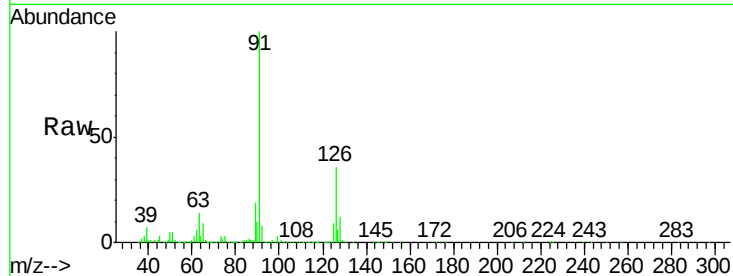
VSTDCCC050EC

Tot Ion: 91 Resp: 745405

Ion Ratio Lower Upper

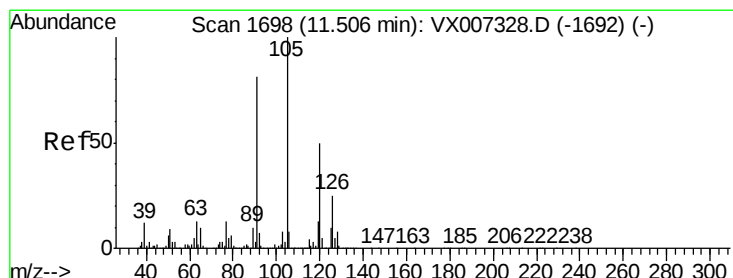
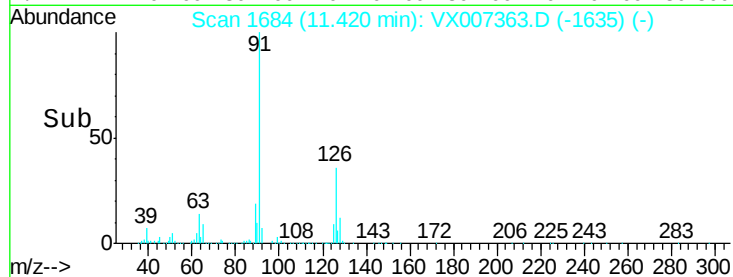
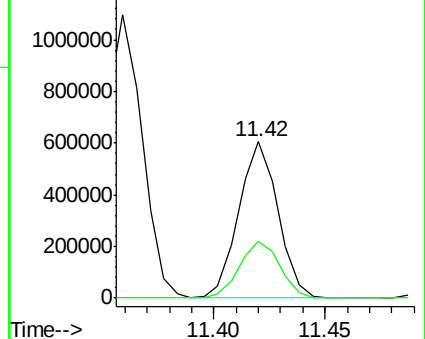
91 100

126 37.4 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 49.493 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007363.D

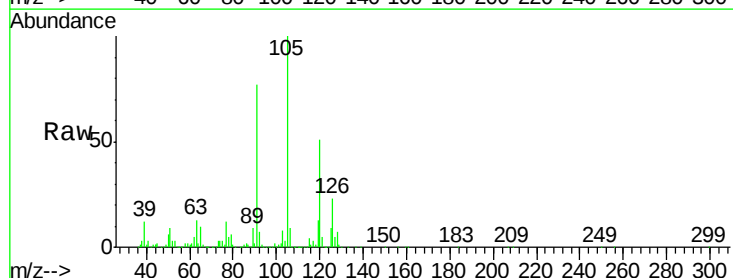
Acq: 04 Feb 2019 16:56

Tgt Ion:105 Resp: 941276

Ion Ratio Lower Upper

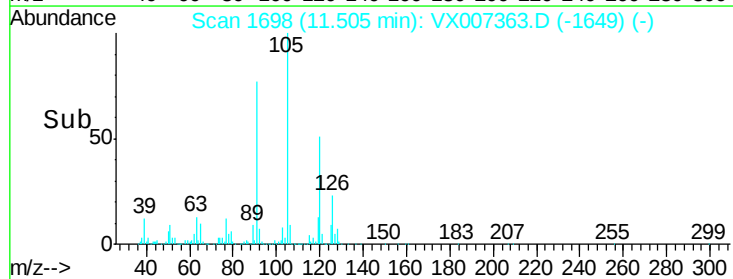
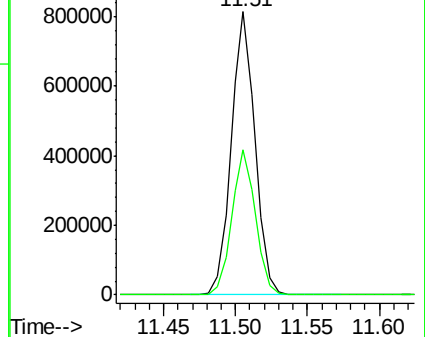
105 100

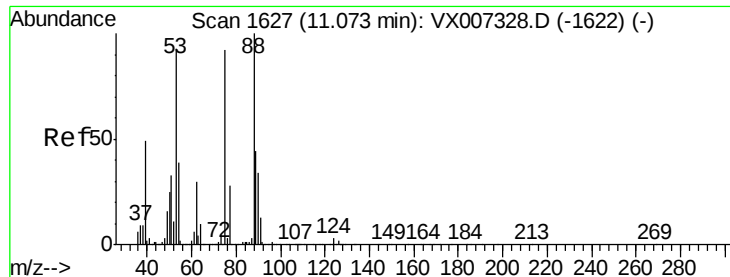
120 51.0 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 50.176 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

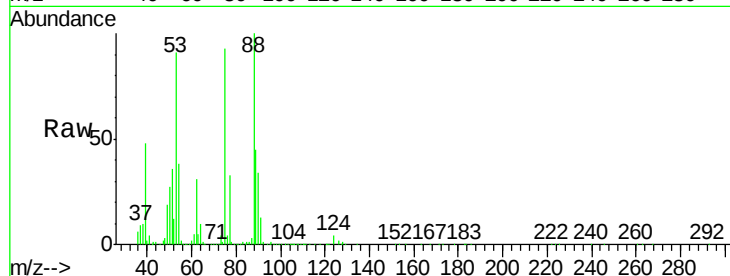
Tot Ion: 75 Resp: 108050

Ion Ratio Lower Upper

75 100

53 95.9 81.0 121.6

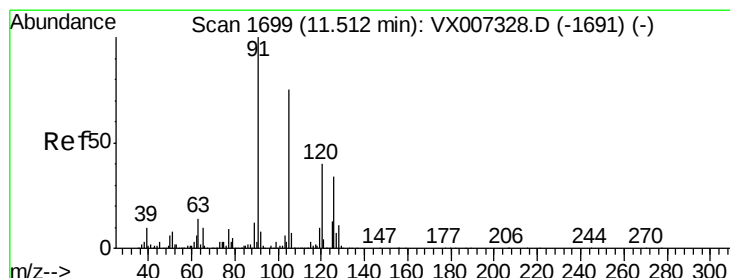
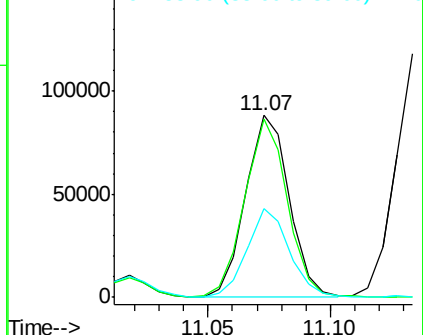
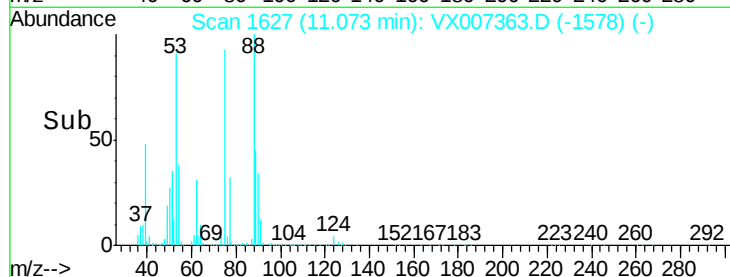
89 47.6 41.4 62.0



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: 49.075 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX007363.D

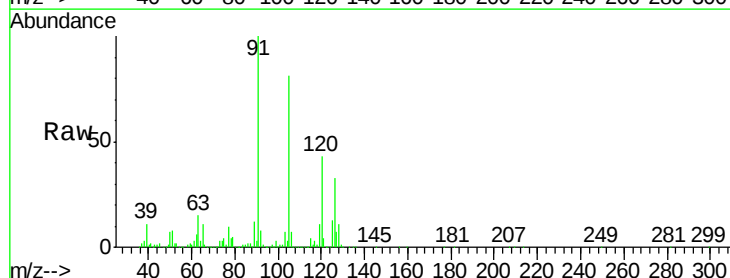
Acq: 04 Feb 2019 16:56

Tgt Ion: 91 Resp: 878317

Ion Ratio Lower Upper

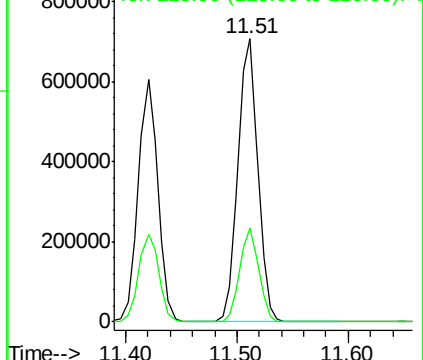
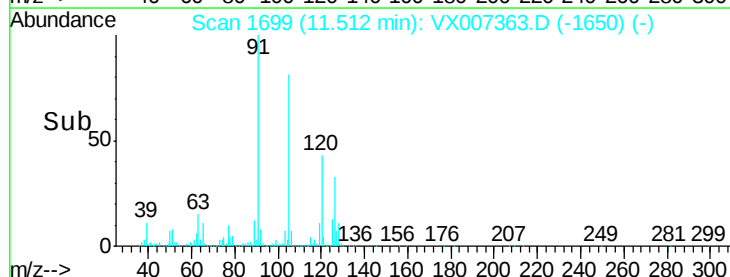
91 100

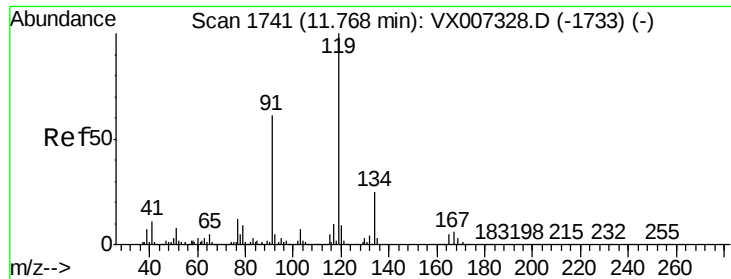
126 32.0 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

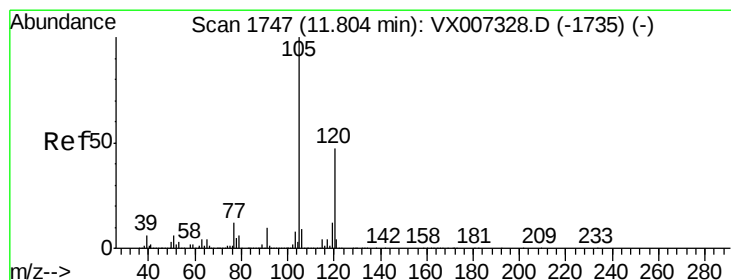
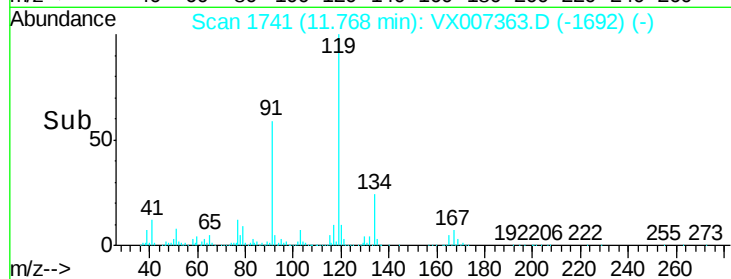
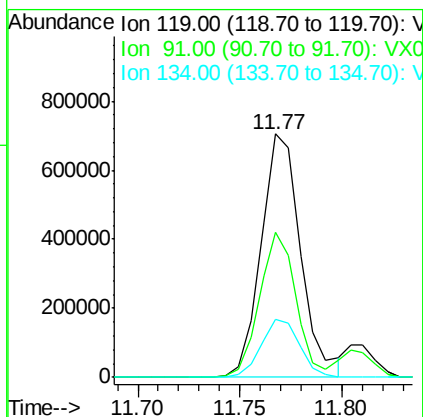
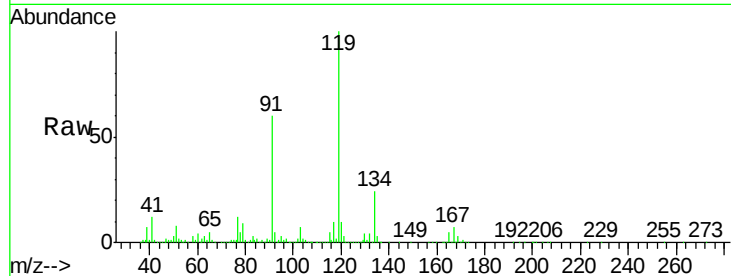




#83
 tert-Butylbenzene
 Concen: 50.652 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX007363.D
 Acq: 04 Feb 2019 16:56

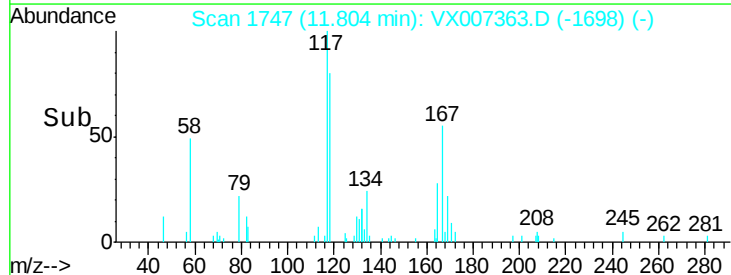
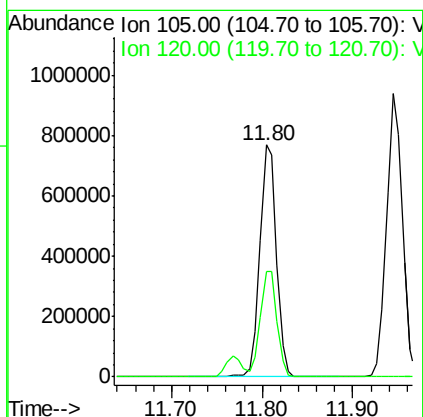
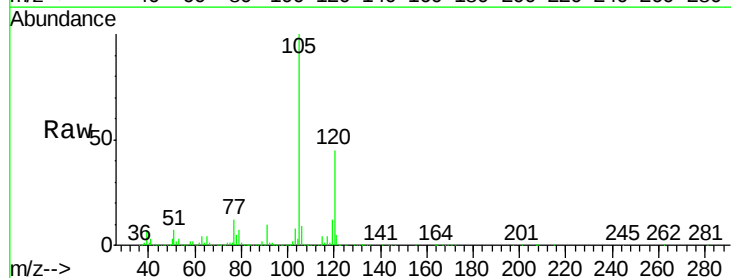
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

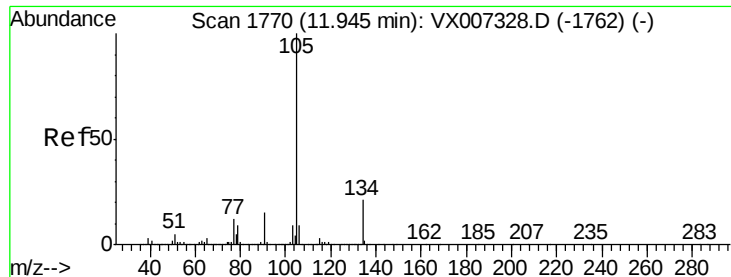
Tot Ion	Ratio	Lower	Upper
119	100		
91	55.1	28.5	85.6
134	23.3	12.0	36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 50.087 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX007363.D
 Acq: 04 Feb 2019 16:56

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	23.1	69.3





#85

sec-Butylbenzene

Concen: 50.014 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

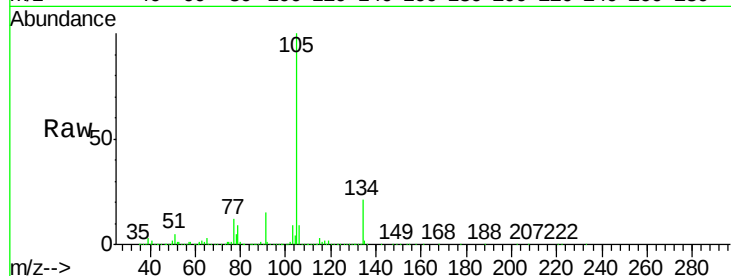
VSTDCCC050EC

Tot Ion:105 Resp: 1139795

Ion Ratio Lower Upper

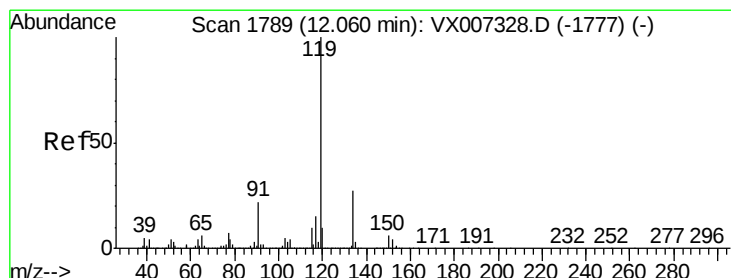
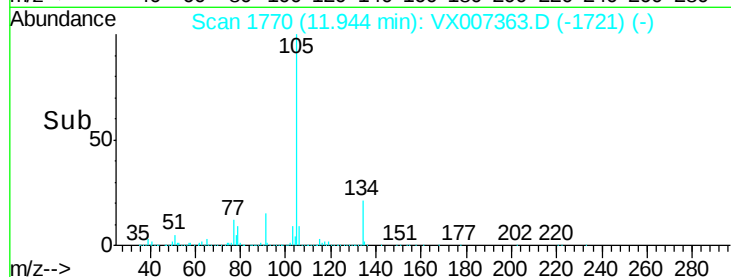
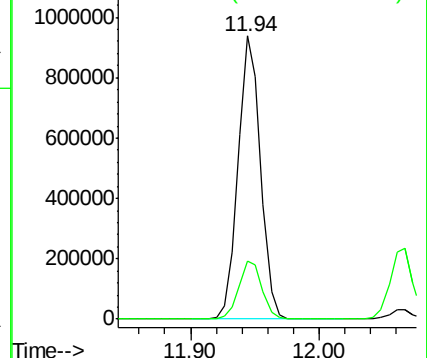
105 100

134 21.3 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: 50.230 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

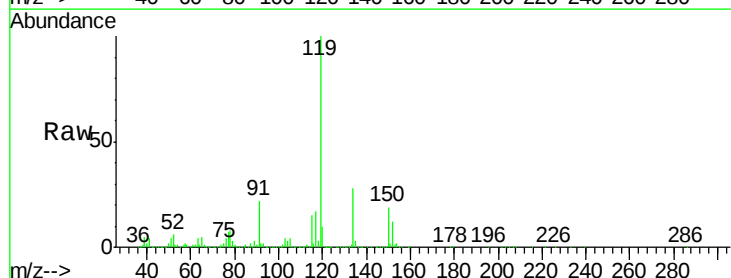
Tgt Ion:119 Resp: 1033321

Ion Ratio Lower Upper

119 100

134 27.4 13.7 41.1

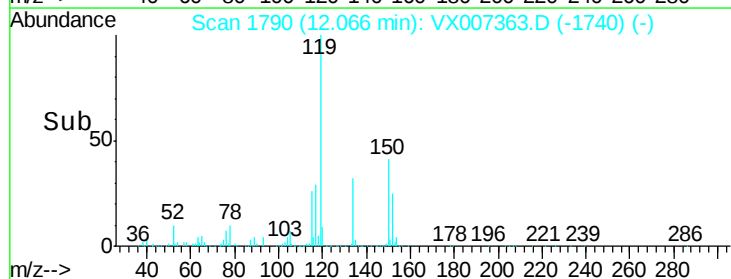
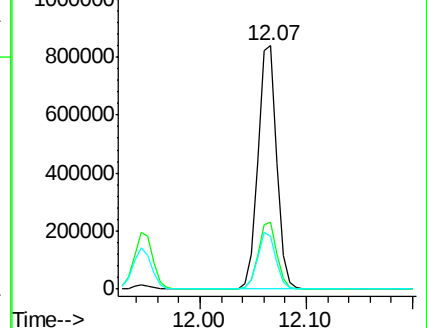
91 22.4 11.2 33.5

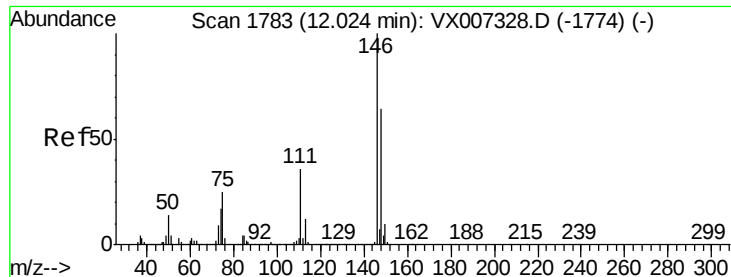


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

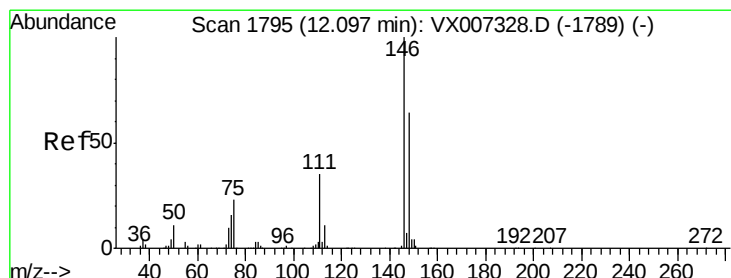
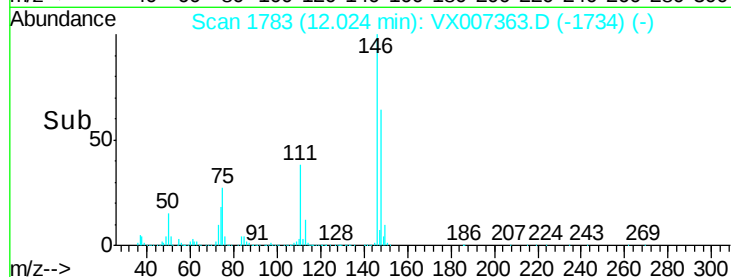
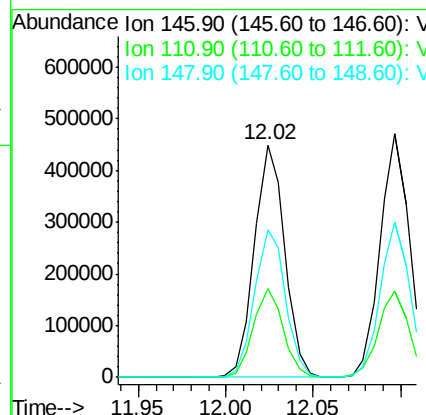
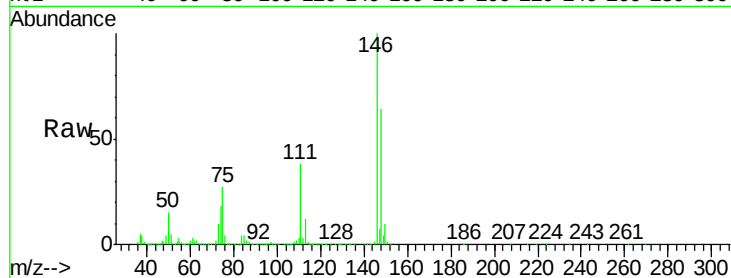




#87
 1,3-Dichlorobenzene
 Concen: 46.184 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007363.D
 Acq: 04 Feb 2019 16:56

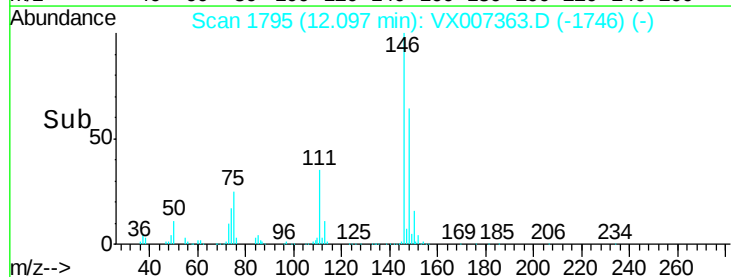
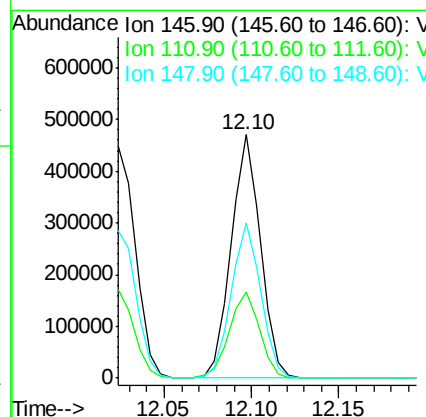
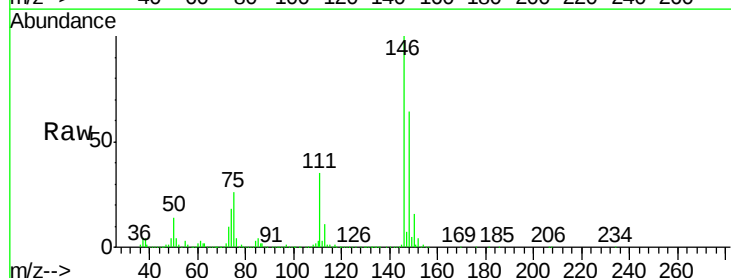
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

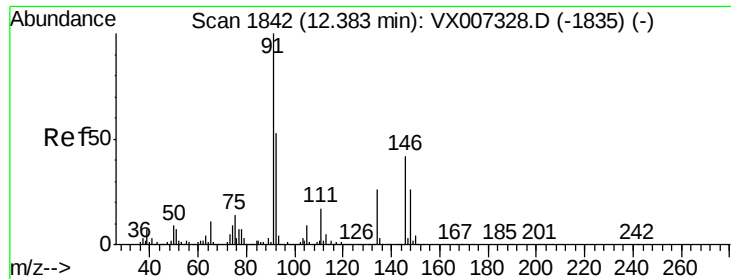
Tot Ion:146 Resp: 542881
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.1 54.1
 148 64.6 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 46.021 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007363.D
 Acq: 04 Feb 2019 16:56

Tgt Ion:146 Resp: 548836
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.1 54.1
 148 64.4 32.3 96.9

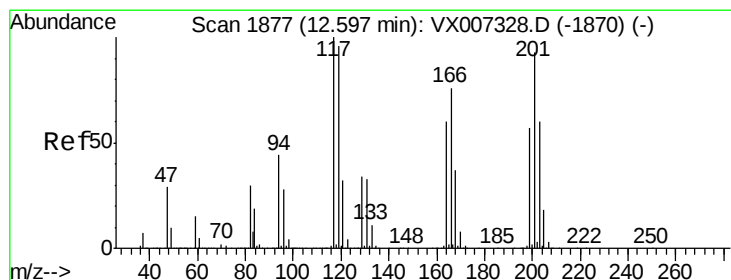
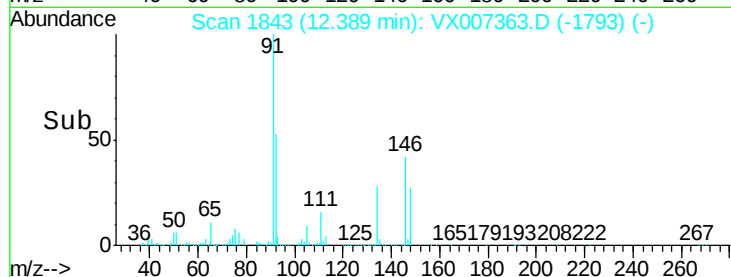
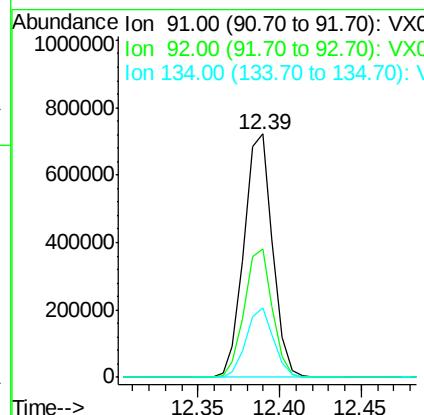
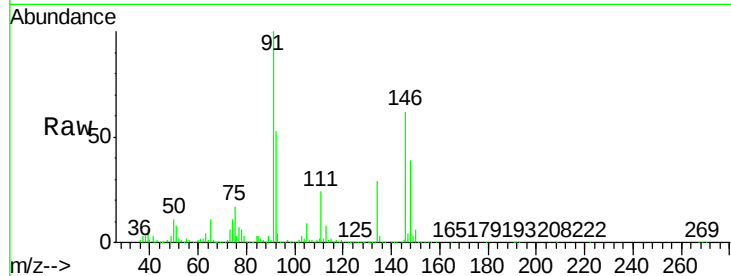




#89
n-Butylbenzene
Concen: 49.697 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007363.D
Acq: 04 Feb 2019 16:56

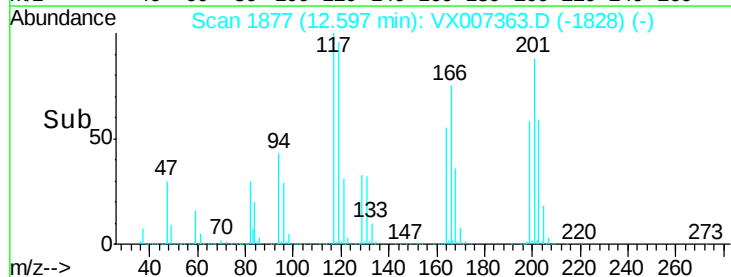
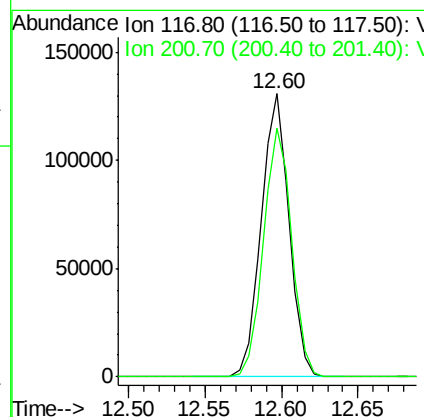
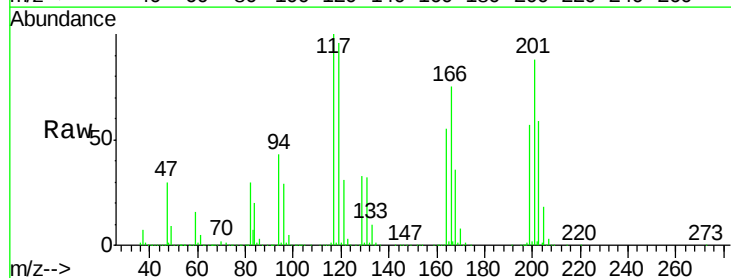
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

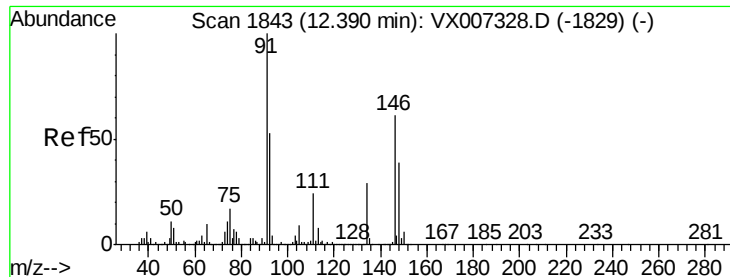
Tot Ion: 91 Resp: 879486
Ion Ratio Lower Upper
91 100
92 52.1 26.3 78.9
134 27.6 13.9 41.6



#90
Hexachloroethane
Concen: 53.836 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007363.D
Acq: 04 Feb 2019 16:56

Tgt Ion: 117 Resp: 165753
Ion Ratio Lower Upper
117 100
201 89.0 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 46.570 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

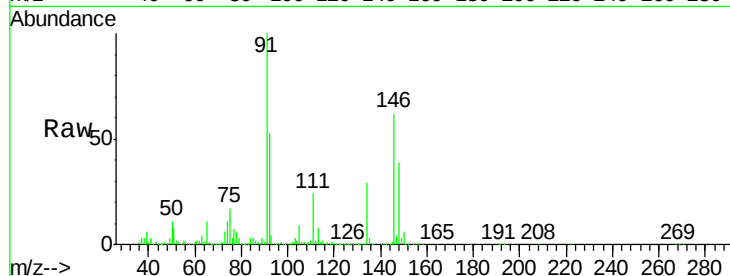
Tot Ion:146 Resp: 544788

Ion Ratio Lower Upper

146 100

111 38.3 19.1 57.3

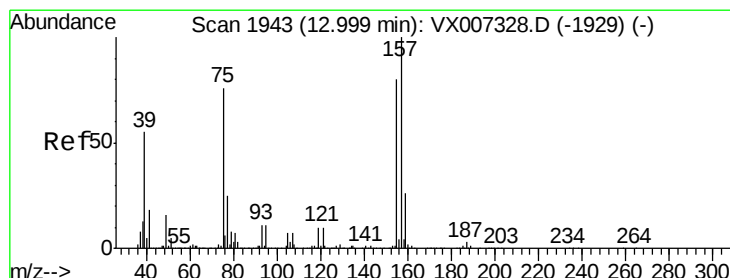
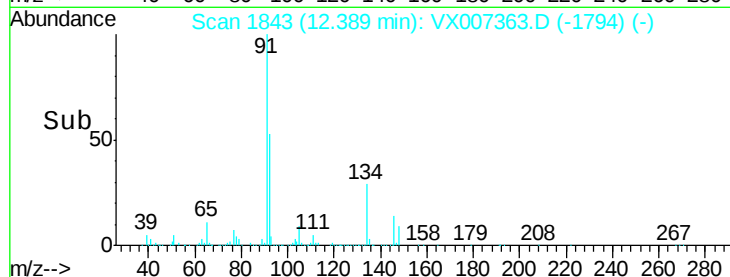
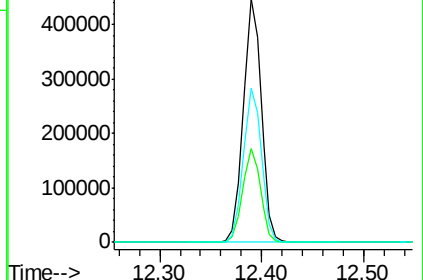
148 63.7 32.1 96.3



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: 52.877 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

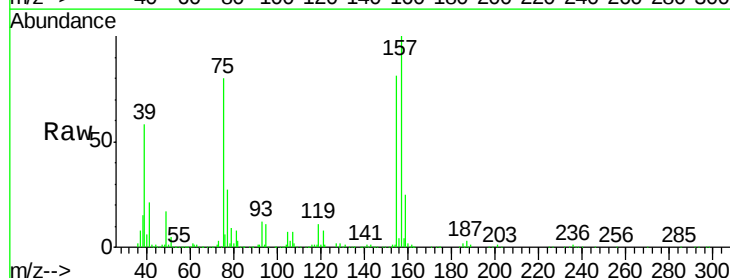
Tgt Ion: 75 Resp: 77893

Ion Ratio Lower Upper

75 100

155 100.3 49.6 149.0

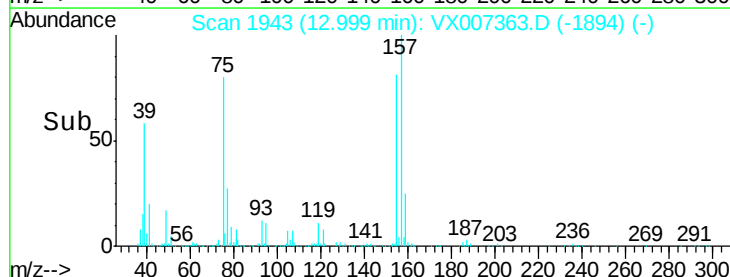
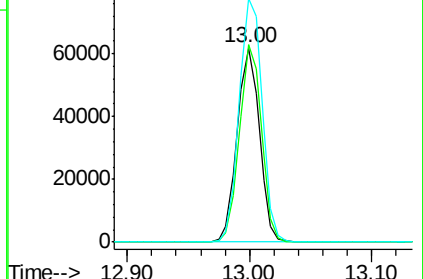
157 128.8 65.1 195.3

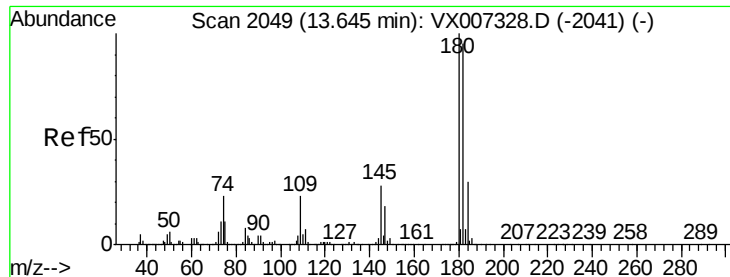


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

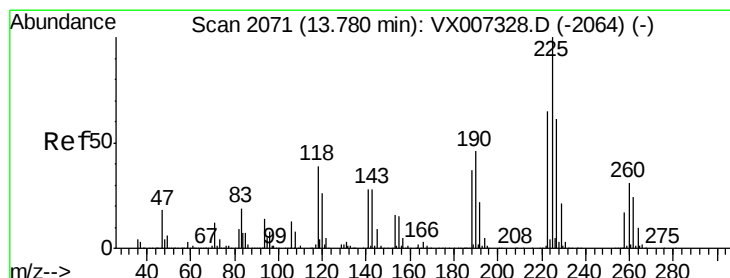
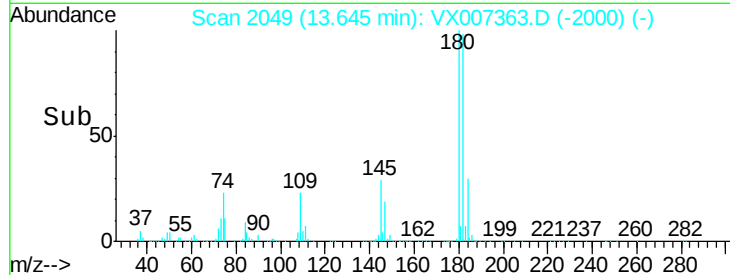
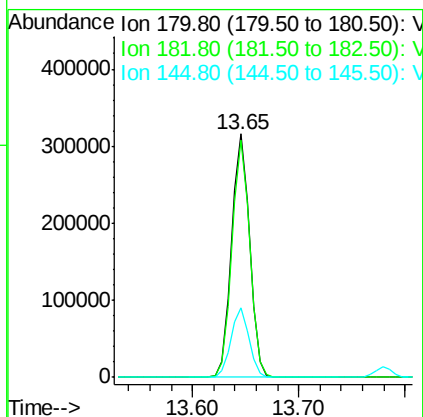
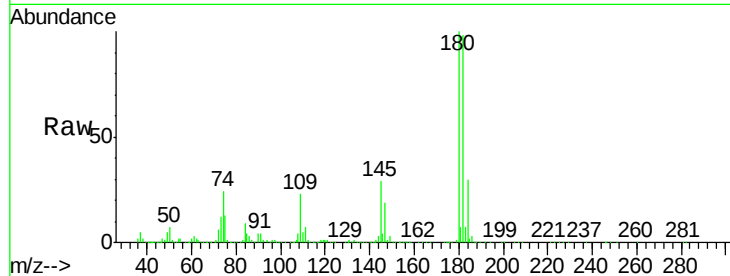




#93
 1,2,4-Trichlorobenzene
 Concen: 47.854 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007363.D
 Acq: 04 Feb 2019 16:56

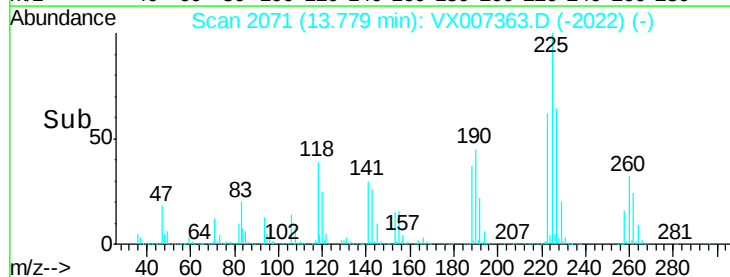
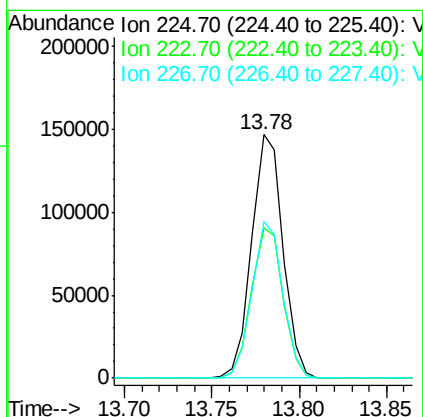
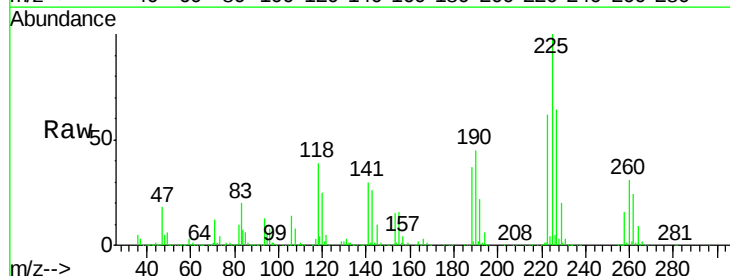
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

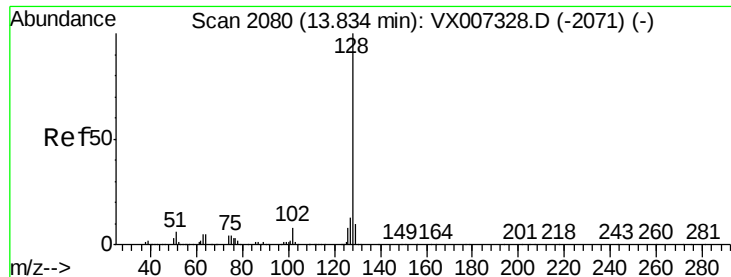
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.8	143.3
145	28.5	14.1	42.2



#94
 Hexachlorobutadiene
 Concen: 47.473 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007363.D
 Acq: 04 Feb 2019 16:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.6	94.8
227	63.7	32.1	96.3





#95

Naphthalene

Concen: 50.096 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

Instrument :

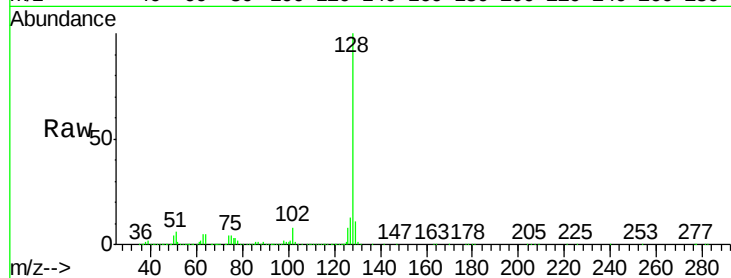
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:128 Resp: 1155724

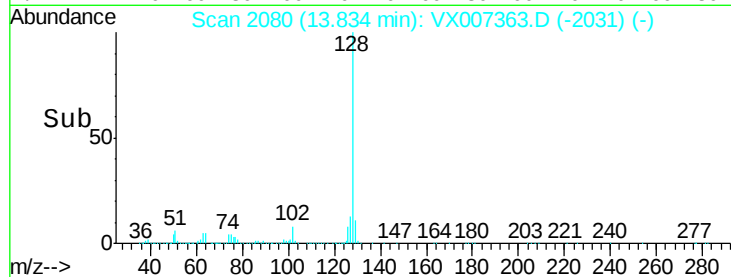
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	10.8	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

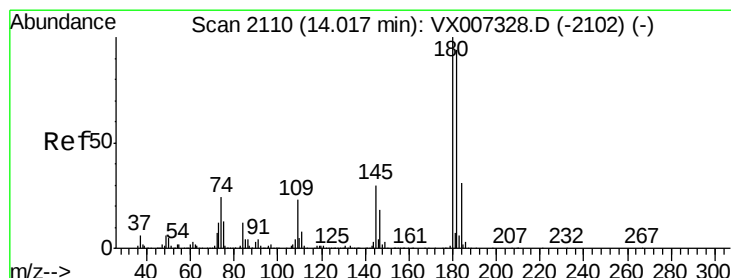
Ion 129.00 (128.70 to 129.70): V



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 46.888 ug/l

RT: 14.02 min Scan# 2110

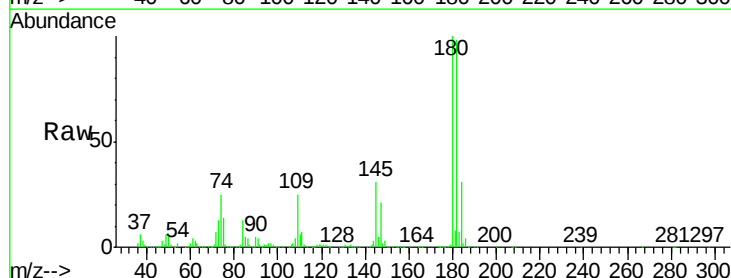
Delta R.T. -0.00 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

Tgt Ion:180 Resp: 372343

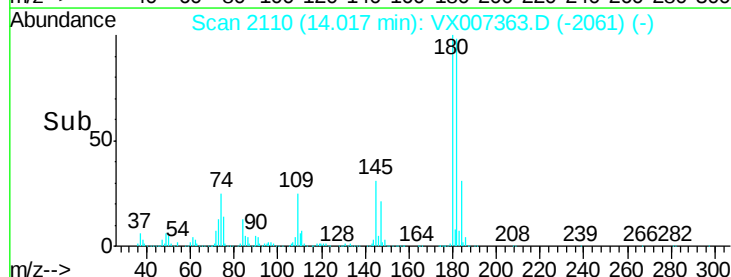
Ion	Ratio	Lower	Upper
180	100		
182	97.2	47.5	142.6
145	30.5	14.9	44.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V