

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020519\
 Data File : VX007365.D
 Acq On : 05 Feb 2019 09:44
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 06 00:13:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	500148	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	716018	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	668334	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	357823	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	255597	48.15	ug/l	0.00
Spiked Amount			Recovery	=	96.30%	
35) Dibromofluoromethane	5.50	113	231102	49.60	ug/l	0.00
Spiked Amount			Recovery	=	99.20%	
50) Toluene-d8	8.71	98	881401	50.99	ug/l	0.00
Spiked Amount			Recovery	=	101.98%	
62) 4-Bromofluorobenzene	11.13	95	321715	50.98	ug/l	0.00
Spiked Amount			Recovery	=	101.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	344849	56.088	ug/l	96
3) Chloromethane	1.33	50	295548	52.463	ug/l	100
4) Vinyl Chloride	1.41	62	307693	55.675	ug/l	100
5) Bromomethane	1.64	94	301153	55.161	ug/l	99
6) Chloroethane	1.72	64	188549	52.739	ug/l	97
7) Trichlorofluoromethane	1.93	101	470592	54.432	ug/l	98
8) Diethyl Ether	2.19	74	169699	52.150	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	275020	53.479	ug/l	98
10) Methyl Iodide	2.51	142	415014	54.859	ug/l	100
11) Tert butyl alcohol	3.07	59	292670	266.395	ug/l	99
12) 1,1-Dichloroethene	2.37	96	246059	51.526	ug/l	97
13) Acrolein	2.29	56	143876	279.274	ug/l	100
14) Allyl chloride	2.73	41	419543	53.919	ug/l	99
15) Acrylonitrile	3.15	53	725826	267.065	ug/l	99
16) Acetone	2.45	43	725847	298.486	ug/l	99
17) Carbon Disulfide	2.57	76	654905	52.342	ug/l	99
18) Methyl Acetate	2.78	43	363440	57.274	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	811201	52.434	ug/l	97
20) Methylene Chloride	2.85	84	276018	55.614	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	263173	51.734	ug/l	99
22) Diisopropyl ether	3.87	45	771535	53.906	ug/l	98
23) Vinyl Acetate	3.82	43	3341849	281.375	ug/l	100
24) 1,1-Dichloroethane	3.70	63	460344	56.008	ug/l	99
25) 2-Butanone	4.70	43	971084	280.604	ug/l	98
26) 2,2-Dichloropropane	4.59	77	352029	56.239	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	280765	50.531	ug/l	98
28) Bromochloromethane	5.01	49	187475	49.599	ug/l	99
29) Tetrahydrofuran	5.15	42	614223	282.202	ug/l	99
30) Chloroform	5.21	83	460396	53.679	ug/l	99
31) Cyclohexane	5.57	56	397638	53.865	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	405189	55.968	ug/l	99
36) 1,1-Dichloropropene	5.80	75	347048	54.020	ug/l	98
37) Ethyl Acetate	4.85	43	354345	54.563	ug/l	100
38) Carbon Tetrachloride	5.78	117	364933	58.552	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	439927	56.598	ug/l	98
40) Benzene	6.14	78	1025266	54.177	ug/l	100
41) Methacrylonitrile	5.06	41	198948	57.159	ug/l	99
42) 1,2-Dichloroethane	6.20	62	347921	53.136	ug/l	100
43) Isopropyl Acetate	6.45	43	570905	56.954	ug/l	100
44) Trichloroethene	7.21	130	308293	54.090	ug/l	97
45) 1,2-Dichloropropane	7.51	63	258748	54.570	ug/l	98
46) Dibromomethane	7.66	93	181697	52.724	ug/l	99
47) Bromodichloromethane	7.90	83	337588	57.801	ug/l	99
48) Methyl methacrylate	7.77	41	295073	58.850	ug/l	100
49) 1,4-Dioxane	7.75	88	133397	1168.706	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1886914	285.946	ug/l	100
52) Toluene	8.78	92	668016	54.712	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	382436	60.960	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	408083	59.151	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	277381	54.500	ug/l	97
56) Ethyl methacrylate	9.18	69	400211	56.775	ug/l	98
57) 1,3-Dichloropropane	9.37	76	442285	54.644	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1188046	319.758	ug/l	100
59) 2-Hexanone	9.49	43	1445113	281.424	ug/l	100
60) Dibromochloromethane	9.58	129	297709	61.848	ug/l	98
61) 1,2-Dibromoethane	9.67	107	299343	55.538	ug/l	98
64) Tetrachloroethene	9.34	164	335107	53.198	ug/l	98
65) Chlorobenzene	10.13	112	777917	53.339	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	283116	57.901	ug/l	99
67) Ethyl Benzene	10.25	91	1294440	55.115	ug/l	99
68) m/p-Xylenes	10.36	106	1034410	110.797	ug/l	100
69) o-Xylene	10.69	106	498900	55.534	ug/l	100
70) Styrene	10.71	104	812458	55.765	ug/l	100
71) Bromoform	10.85	173	229858	53.307	ug/l #	100
73) Isopropylbenzene	11.02	105	1337419	55.002	ug/l	99
74) N-amyl acetate	10.90	43	509729	54.197	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	392818	53.008	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	471056	67.679	ug/l	79
77) Bromobenzene	11.26	156	359725	52.506	ug/l	99
78) n-propylbenzene	11.36	91	1524294	57.167	ug/l	100
79) 2-Chlorotoluene	11.42	91	868274	53.666	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1114033	56.000	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	122744	54.128	ug/l	96
82) 4-Chlorotoluene	11.51	91	1028059	54.915	ug/l	100
83) tert-Butylbenzene	11.77	119	1079352	54.802	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1128321	55.867	ug/l	100
85) sec-Butylbenzene	11.94	105	1357102	56.930	ug/l	100
86) p-Isopropyltoluene	12.06	119	1221098	56.746	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	644938	52.453	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	651418	52.221	ug/l	100
89) n-Butylbenzene	12.39	91	1068407	57.717	ug/l	100
90) Hexachloroethane	12.60	117	196788	61.104	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	636337	52.004	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	85836	55.706	ug/l	98

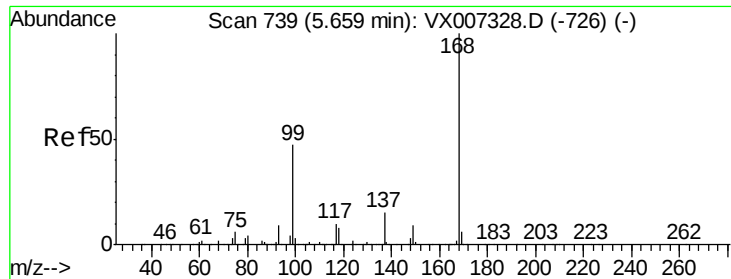
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	451923	54.765	ug/l	99
94) Hexachlorobutadiene	13.78	225	216606	54.057	ug/l	100
95) Naphthalene	13.83	128	1335468	55.341	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	440971	53.087	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX007365.D

Acq: 05 Feb 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

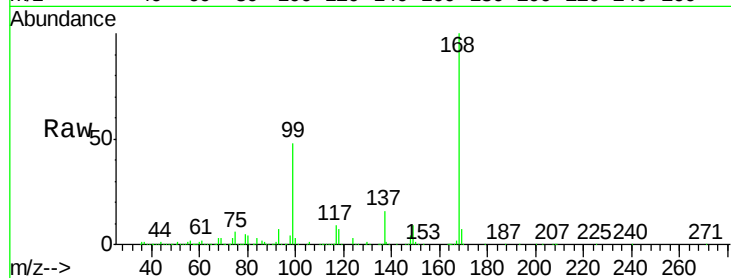
VSTDCCC050

Tot Ion:168 Resp: 500148

Ion Ratio Lower Upper

168 100

99 47.9 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

200000

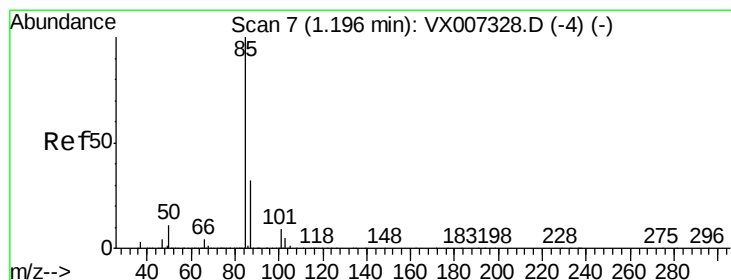
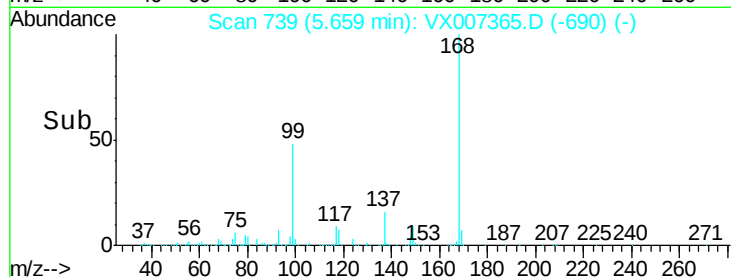
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 56.088 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007365.D

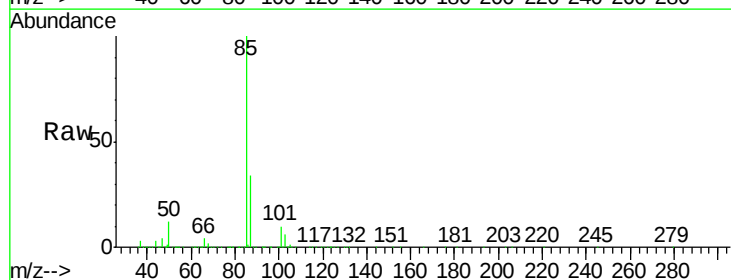
Acq: 05 Feb 2019 09:44

Tgt Ion: 85 Resp: 344849

Ion Ratio Lower Upper

85 100

87 33.6 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

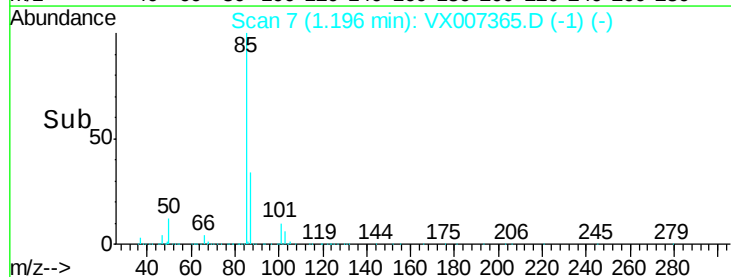
300000

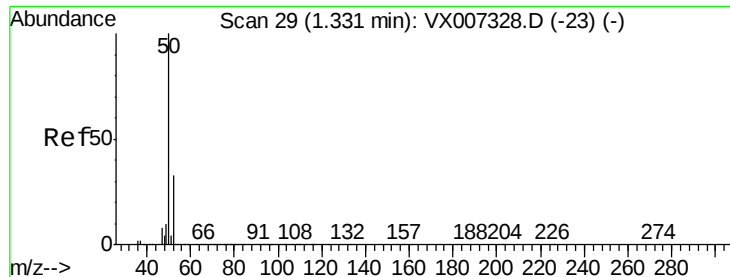
200000

100000

0

Time--> 1.15 1.20 1.25 1.30

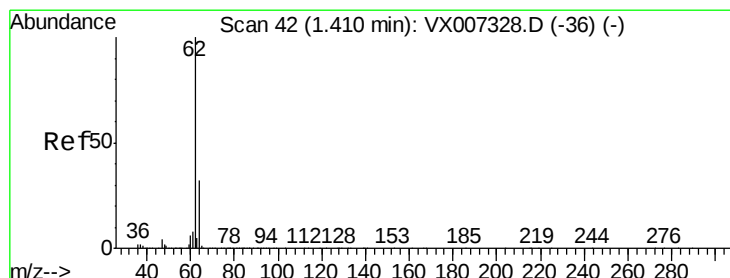
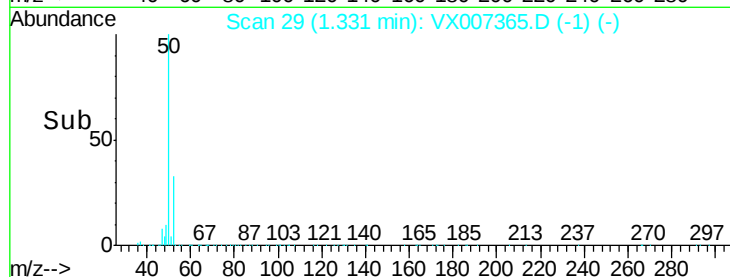
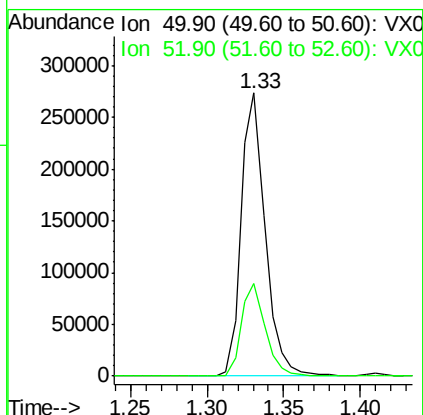
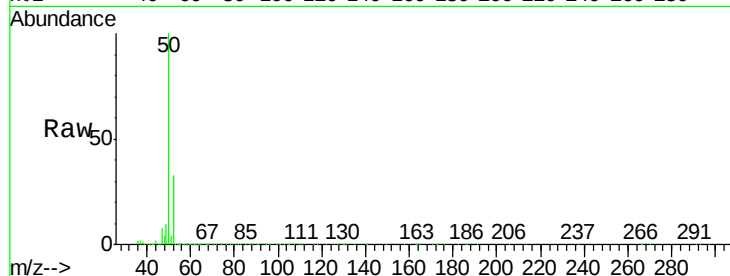




#3
Chloromethane
Concen: 52.463 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX007365.D
Acq: 05 Feb 2019 09:44

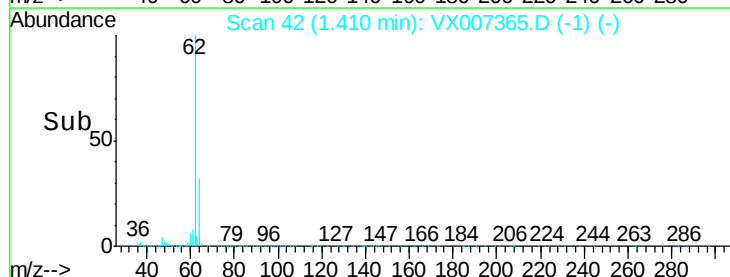
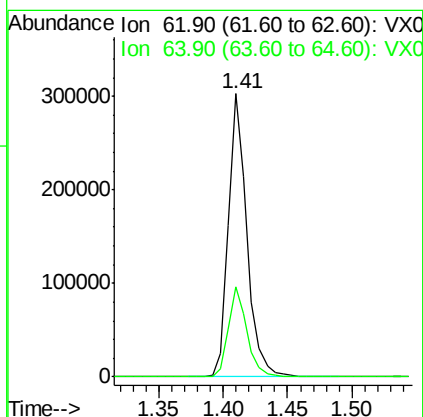
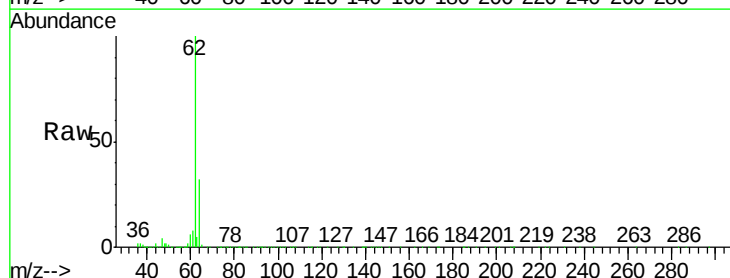
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

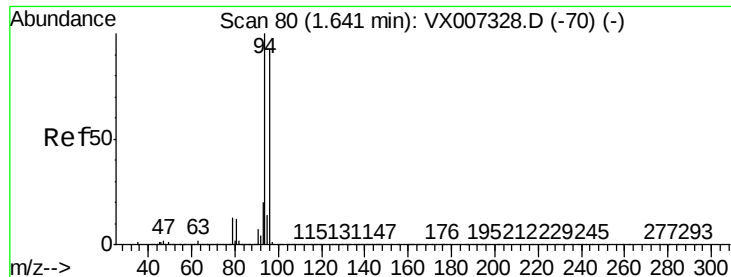
Tot Ion: 50 Resp: 295548
Ion Ratio Lower Upper
50 100
52 32.6 26.1 39.1



#4
Vinyl Chloride
Concen: 55.675 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX007365.D
Acq: 05 Feb 2019 09:44

Tgt Ion: 62 Resp: 307693
Ion Ratio Lower Upper
62 100
64 31.7 25.4 38.0





#5

Bromomethane

Concen: 55.161 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007365.D

Acq: 05 Feb 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

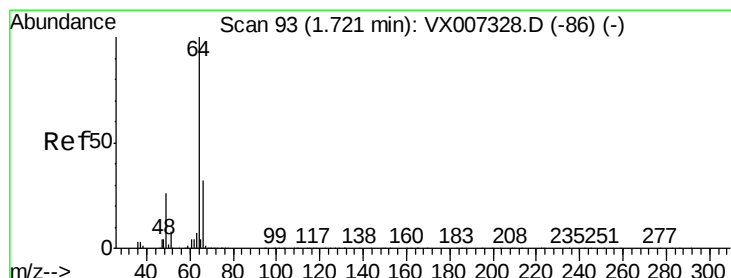
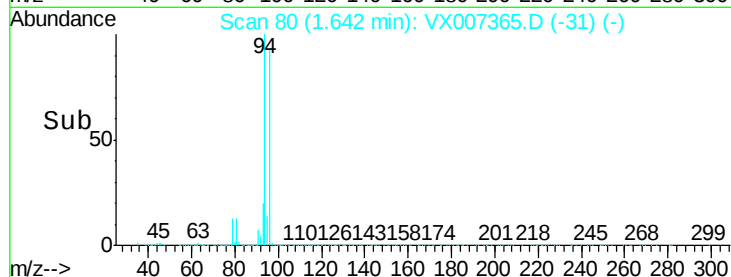
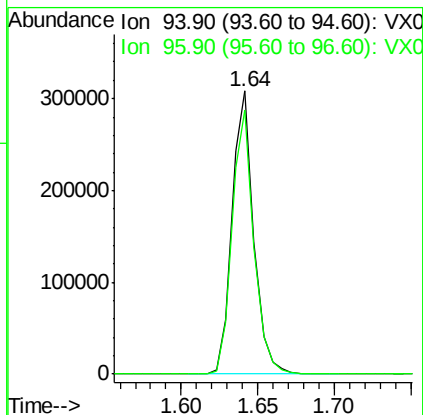
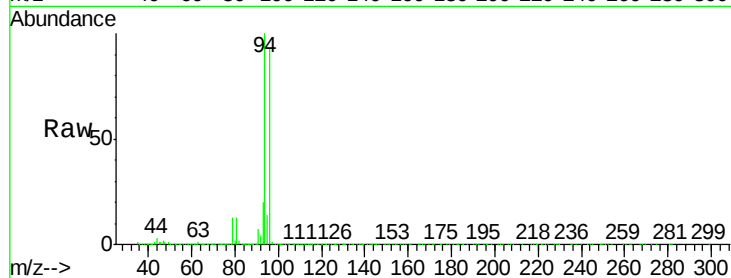
VSTDCCC050

Tot Ion: 94 Resp: 301153

Ion Ratio Lower Upper

94 100

96 93.3 73.9 110.9



#6

Chloroethane

Concen: 52.739 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX007365.D

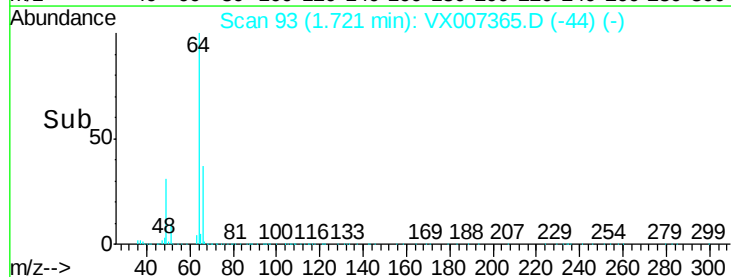
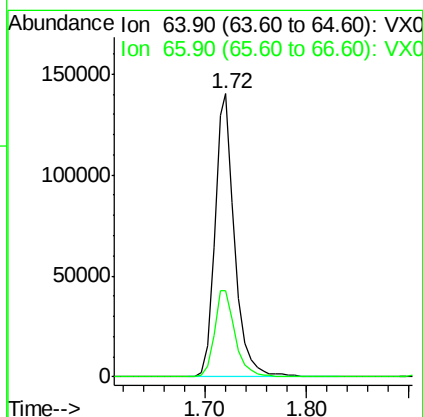
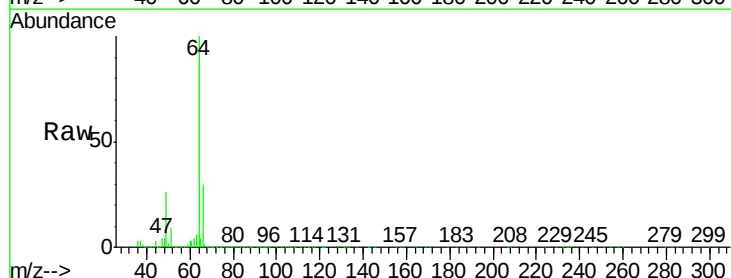
Acq: 05 Feb 2019 09:44

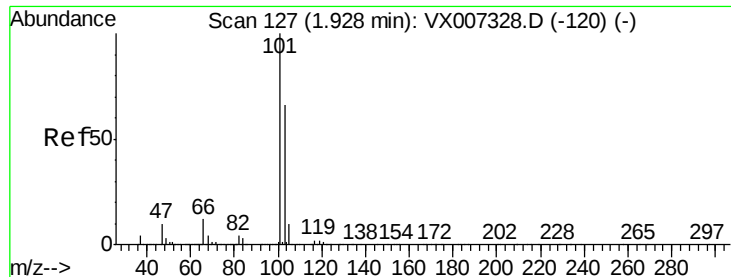
Tgt Ion: 64 Resp: 188549

Ion Ratio Lower Upper

64 100

66 30.2 25.5 38.3



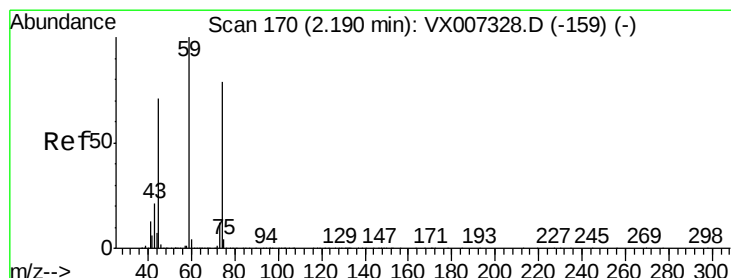
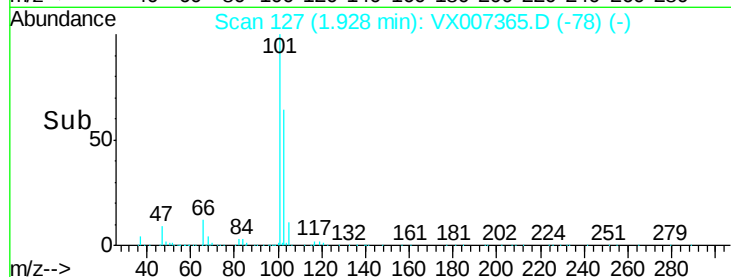
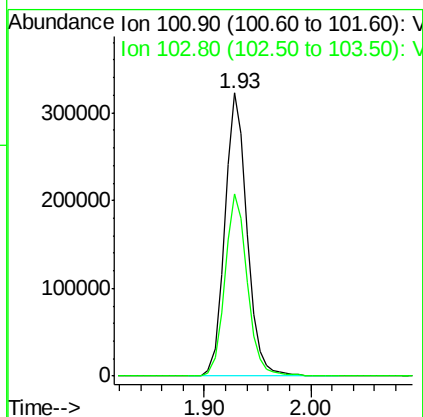
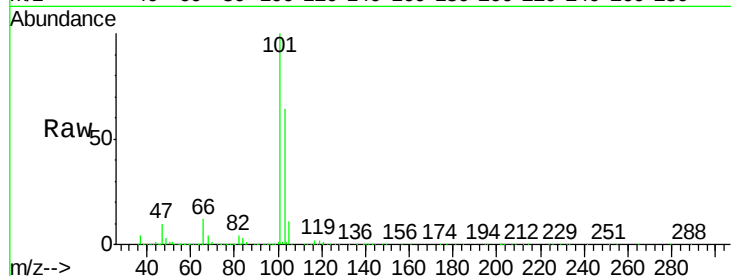


#7

Trichlorofluoromethane
Concen: 54.432 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX007365.D
Acq: 05 Feb 2019 09:44

Instrument :
MSVOA_X
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VSTDCCC050

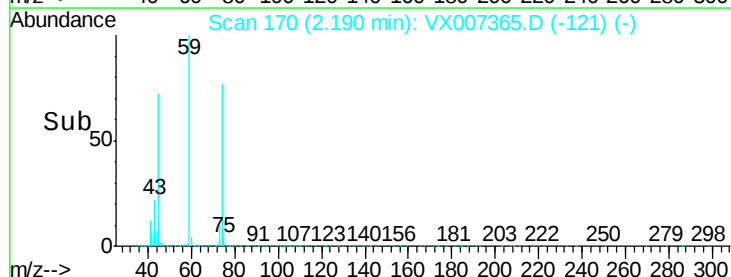
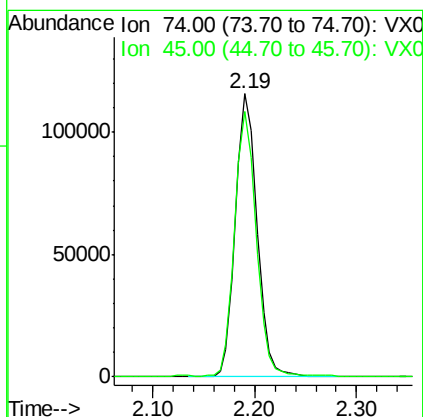
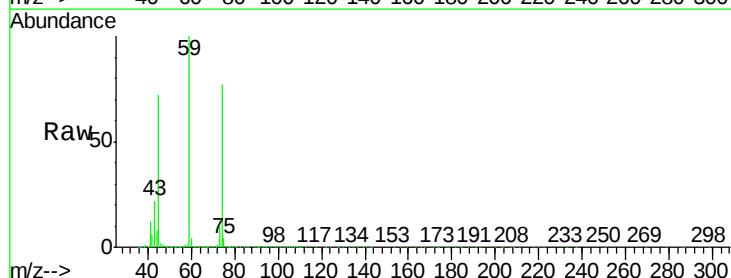
Tot Ion:101 Resp: 470592
Ion Ratio Lower Upper
101 100
103 64.3 52.6 79.0

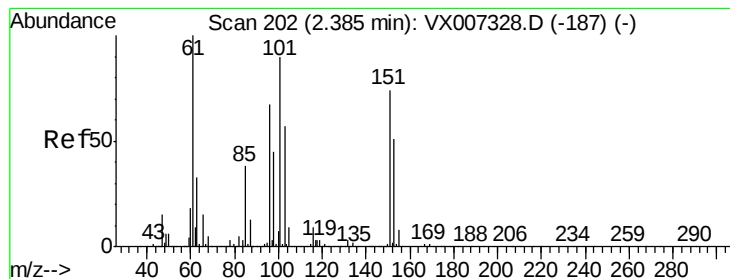


#8

Diethyl Ether
Concen: 52.150 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007365.D
Acq: 05 Feb 2019 09:44

Tgt Ion: 74 Resp: 169699
Ion Ratio Lower Upper
74 100
45 94.3 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.479 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007365.D

Acq: 05 Feb 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

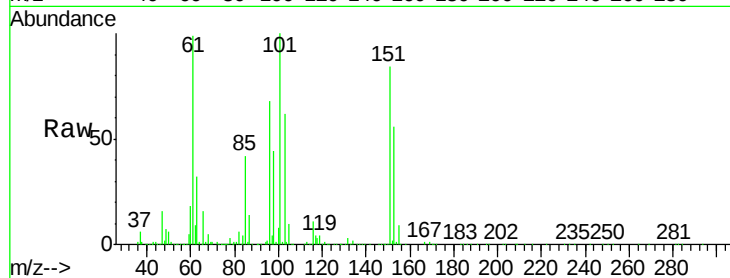
Tot Ion:101 Resp: 275020

Ion Ratio Lower Upper

101 100

85 43.6 34.1 51.1

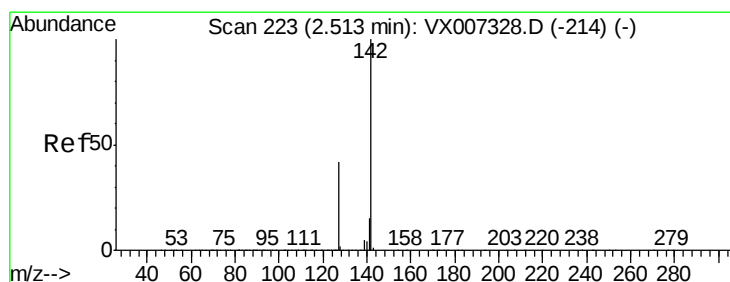
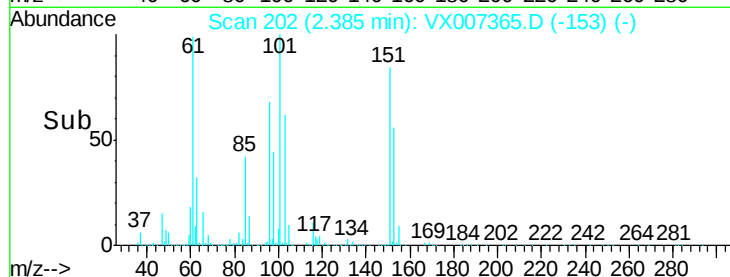
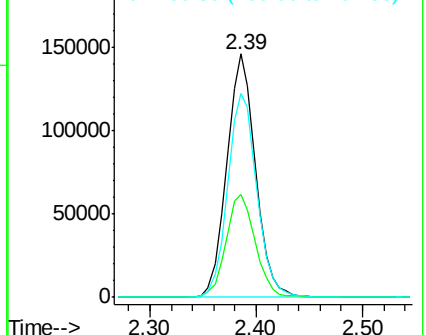
151 85.7 69.9 104.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 54.859 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX007365.D

Acq: 05 Feb 2019 09:44

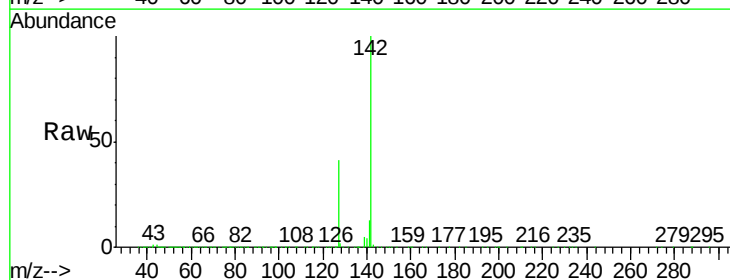
Tgt Ion:142 Resp: 415014

Ion Ratio Lower Upper

142 100

127 42.3 33.7 50.5

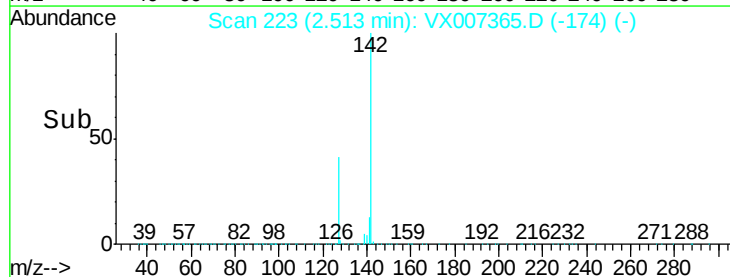
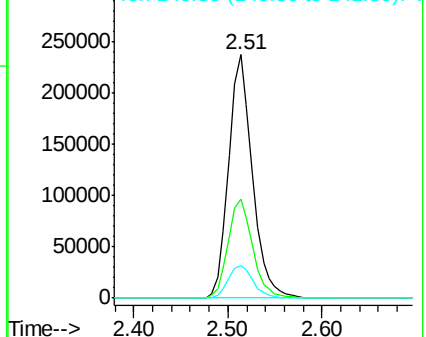
141 14.5 11.3 16.9

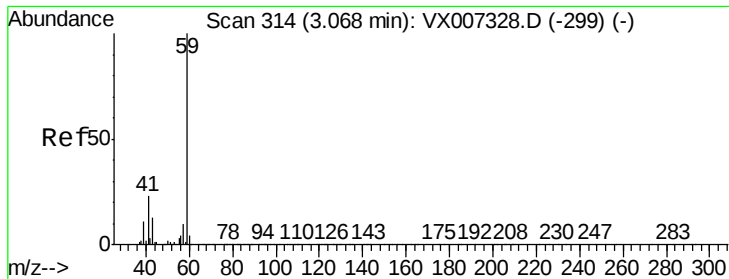


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



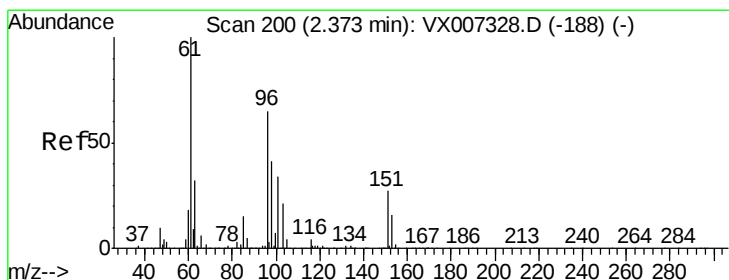
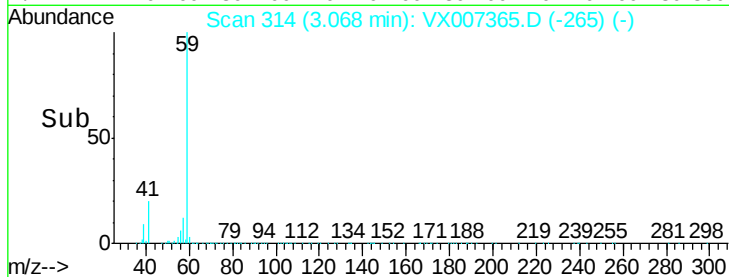
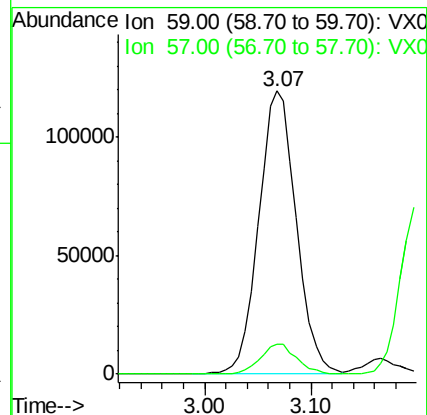
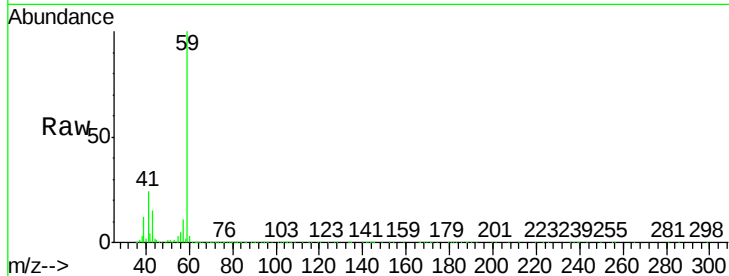


#11

Tert butyl alcohol
Concen: 266.395 ug/l
RT: 3.07 min Scan# 314
Delta R.T. 0.00 min
Lab File: VX007365.D
Acq: 05 Feb 2019 09:44

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

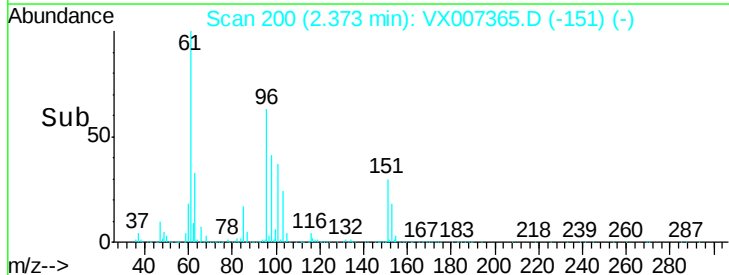
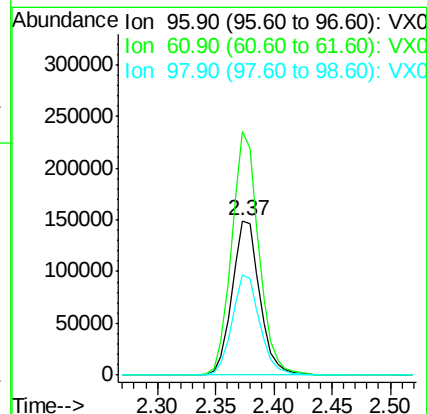
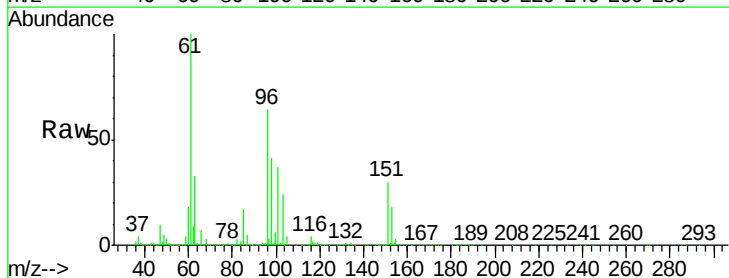
Tot Ion: 59 Resp: 292670
Ion Ratio Lower Upper
59 100
57 10.4 8.1 12.1

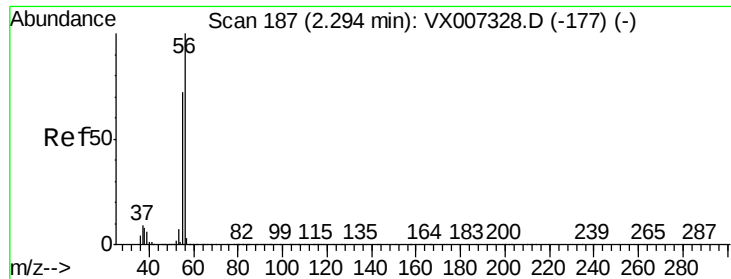


#12

1,1-Dichloroethene
Concen: 51.526 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX007365.D
Acq: 05 Feb 2019 09:44

Tgt Ion: 96 Resp: 246059
Ion Ratio Lower Upper
96 100
61 157.5 123.0 184.4
98 64.8 50.9 76.3





#13

Acrolein

Concen: 279.274 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX007365.D

Acq: 05 Feb 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

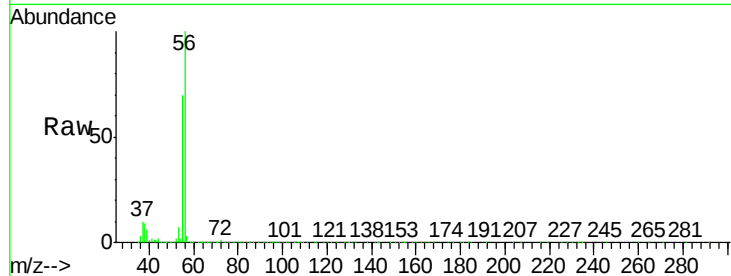
VSTDCCC050

Tot Ion: 56 Resp: 143876

Ion Ratio Lower Upper

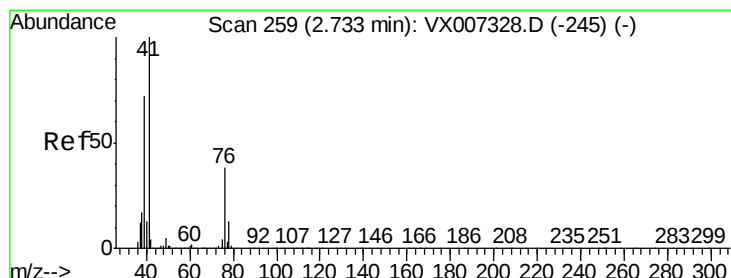
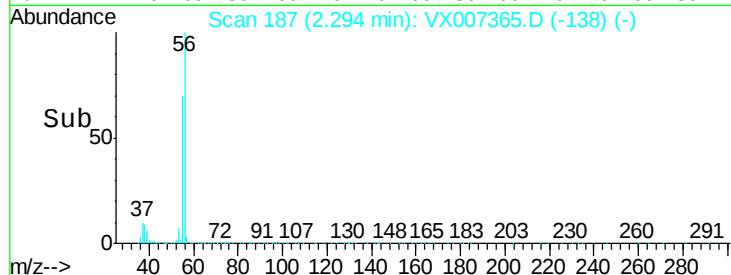
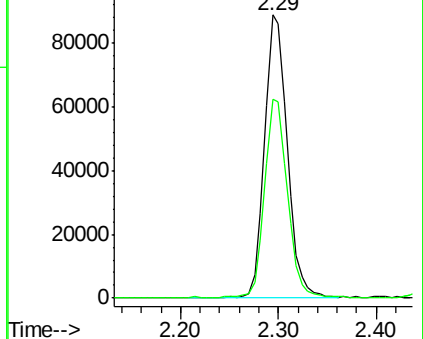
56 100

55 71.2 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 53.919 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX007365.D

Acq: 05 Feb 2019 09:44

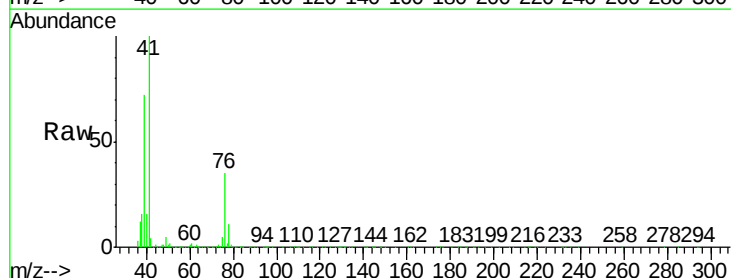
Tgt Ion: 41 Resp: 419543

Ion Ratio Lower Upper

41 100

39 68.9 54.1 81.1

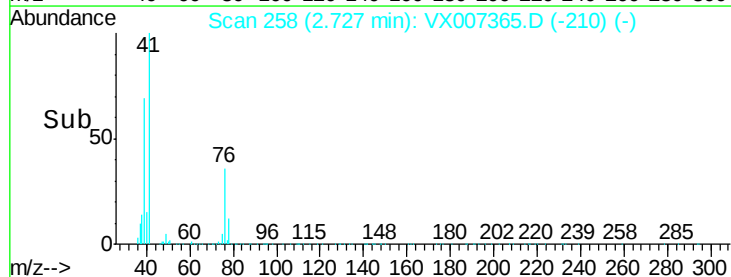
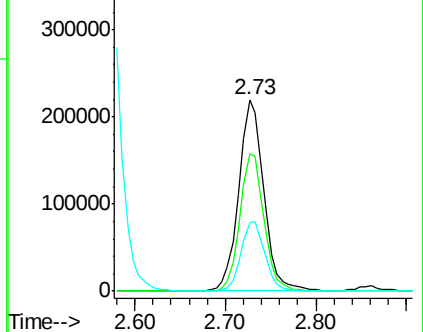
76 34.5 27.8 41.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 267.065 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX007365.D

Acq: 05 Feb 2019 09:44

Instrument :

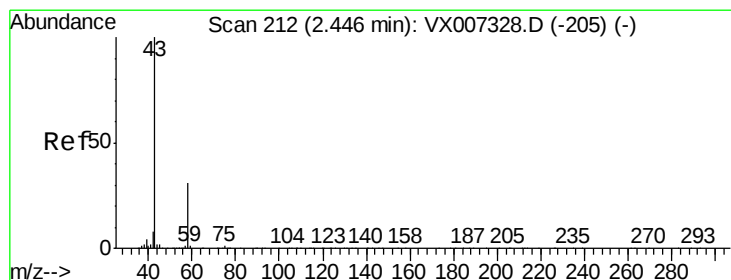
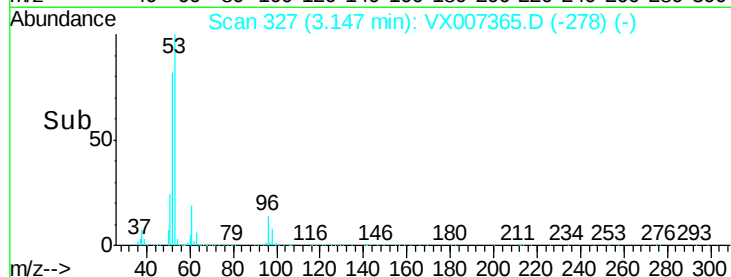
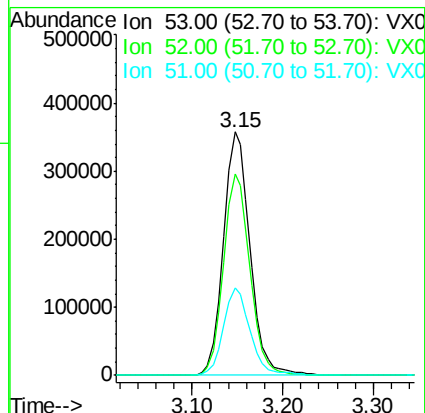
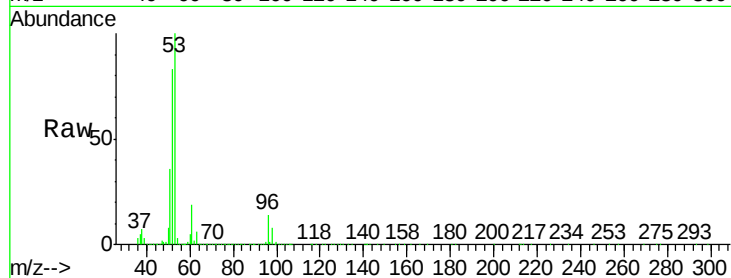
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 725826

Ion	Ratio	Lower	Upper
53	100		
52	82.5	66.4	99.6
51	36.1	28.4	42.6



#16

Acetone

Concen: 298.486 ug/l

RT: 2.45 min Scan# 212

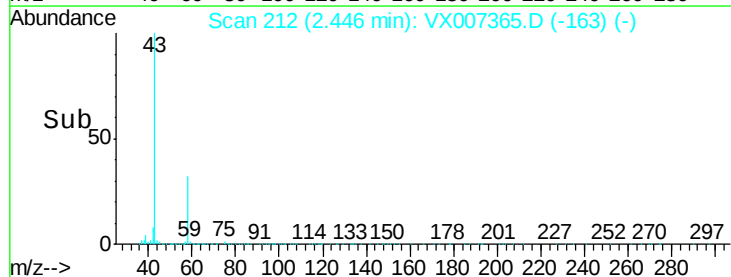
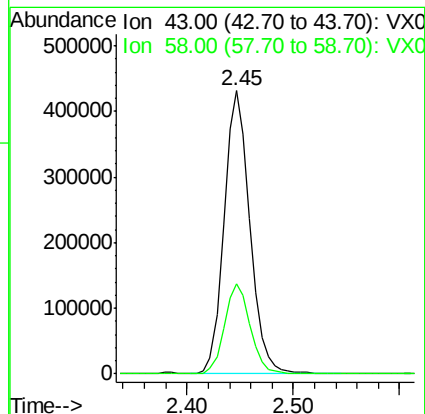
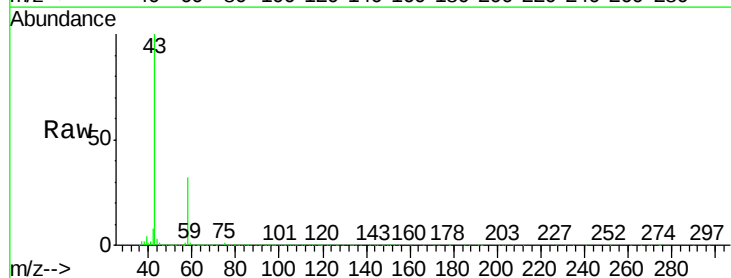
Delta R.T. 0.00 min

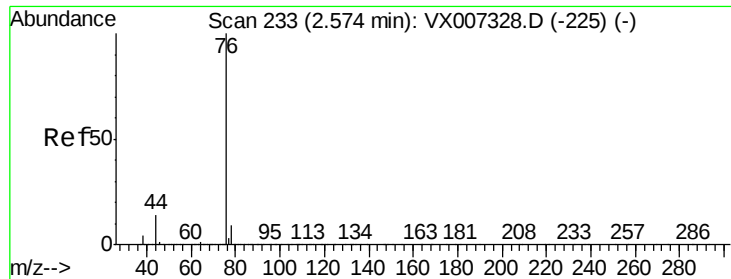
Lab File: VX007365.D

Acq: 05 Feb 2019 09:44

Tgt Ion: 43 Resp: 725847

Ion	Ratio	Lower	Upper
43	100		
58	31.8	24.9	37.3





#17

Carbon Disulfide

Concen: 52.342 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX007365.D

Acq: 05 Feb 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

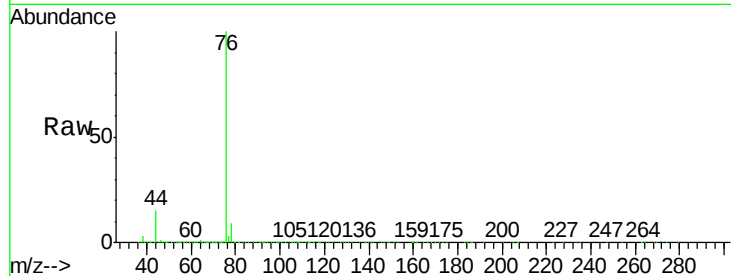
VSTDCCC050

Tot Ion: 76 Resp: 654905

Ion Ratio Lower Upper

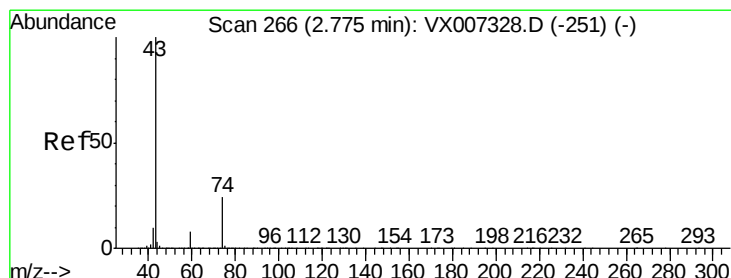
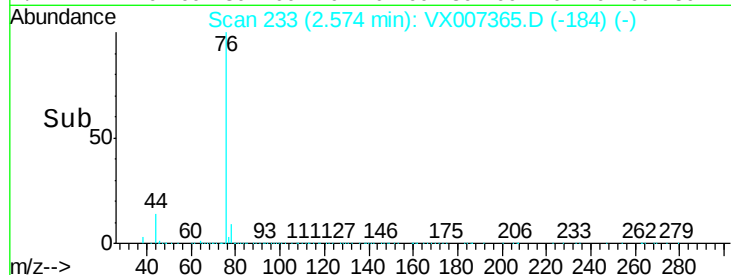
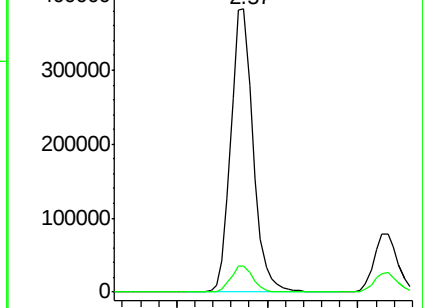
76 100

78 9.4 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 57.274 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX007365.D

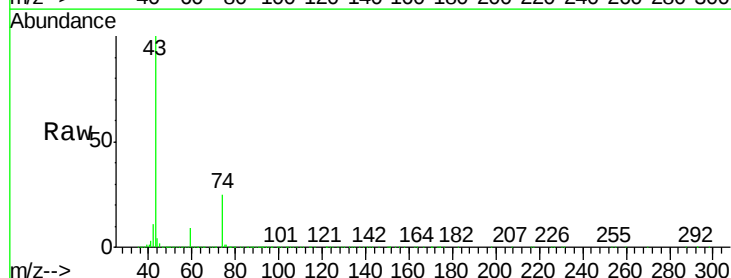
Acq: 05 Feb 2019 09:44

Tgt Ion: 43 Resp: 363440

Ion Ratio Lower Upper

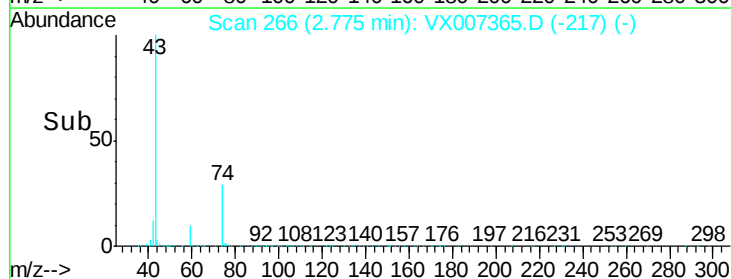
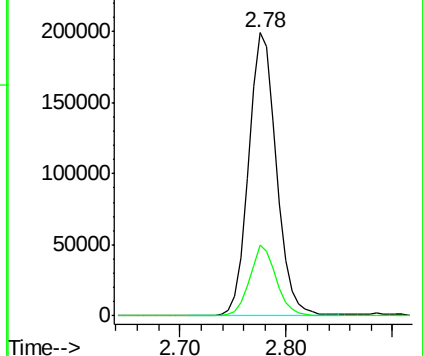
43 100

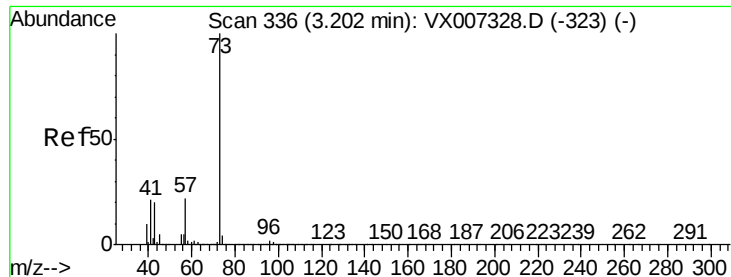
74 24.0 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

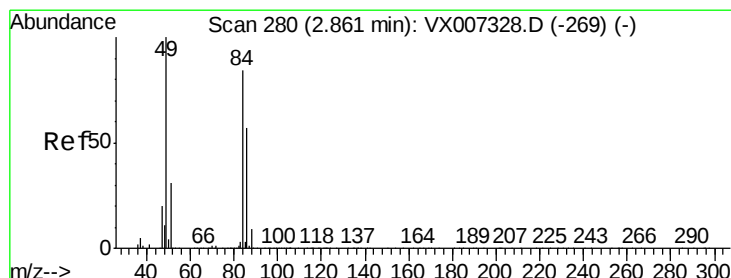
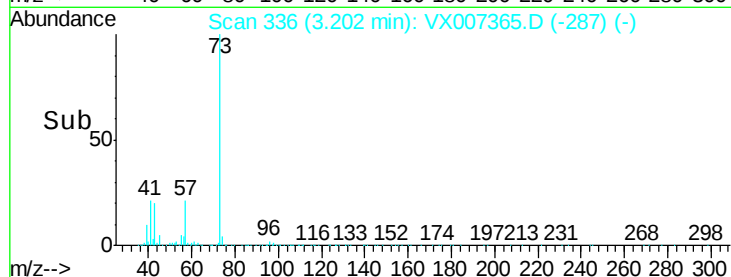
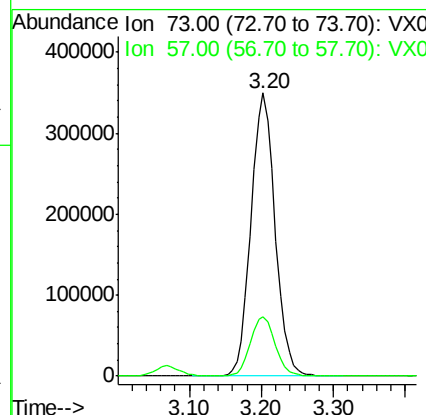
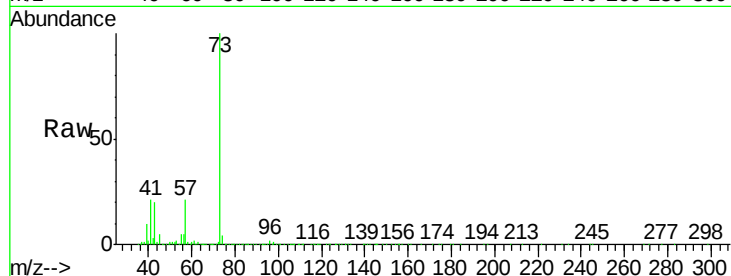




#19
Methvl tert-butvl Ether
Concen: 52.434 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX007365.D
Acq: 05 Feb 2019 09:44

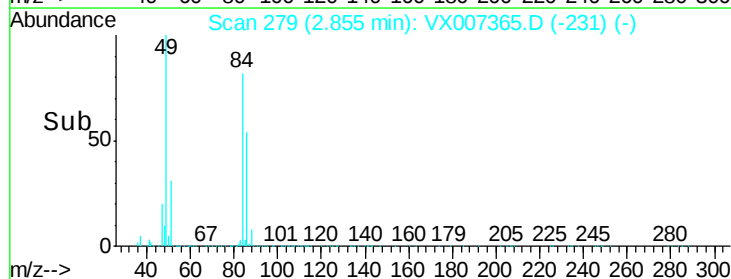
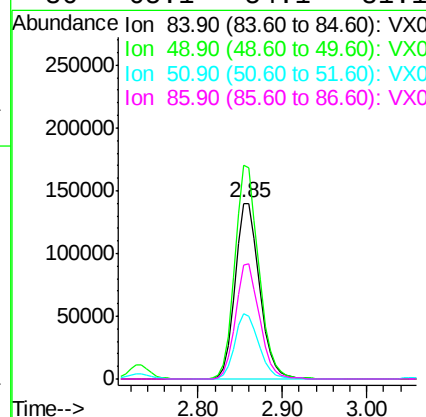
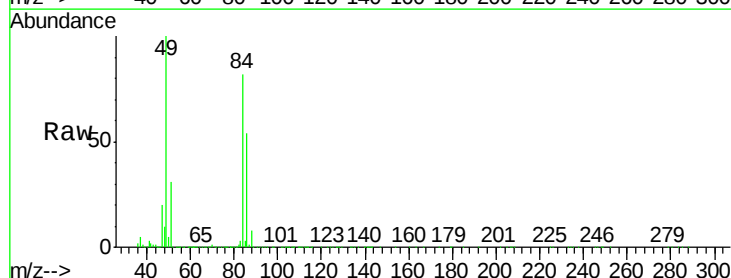
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

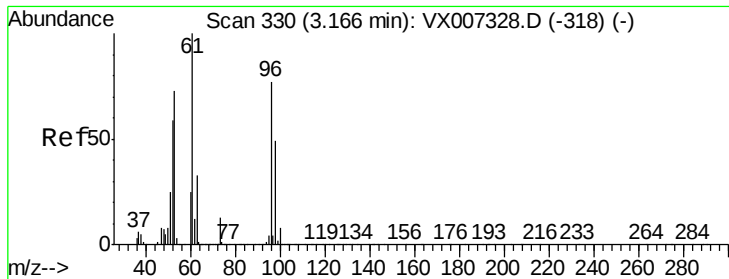
Tot Ion: 73 Resp: 811201
Ion Ratio Lower Upper
73 100
57 20.8 17.8 26.8



#20
Methylene Chloride
Concen: 55.614 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX007365.D
Acq: 05 Feb 2019 09:44

Tgt Ion: 84 Resp: 276018
Ion Ratio Lower Upper
84 100
49 121.6 94.8 142.2
51 37.3 29.8 44.8
86 65.1 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 51.734 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007365.D

Acq: 05 Feb 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

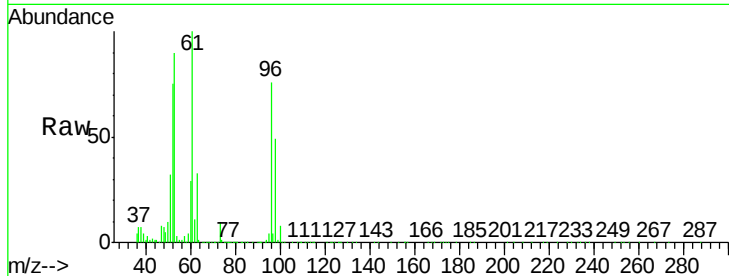
Tot Ion: 96 Resp: 263173

Ion Ratio Lower Upper

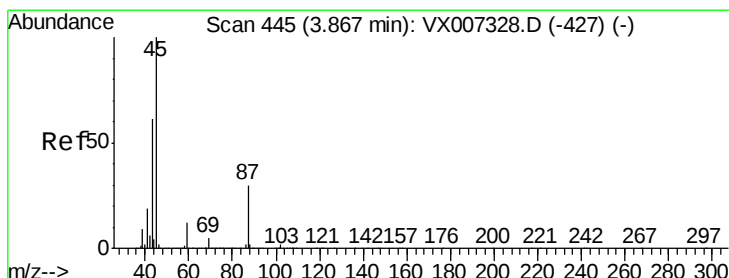
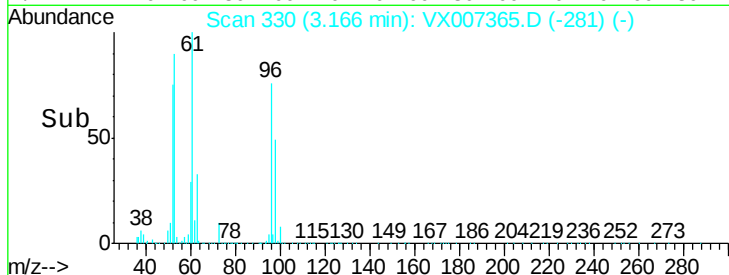
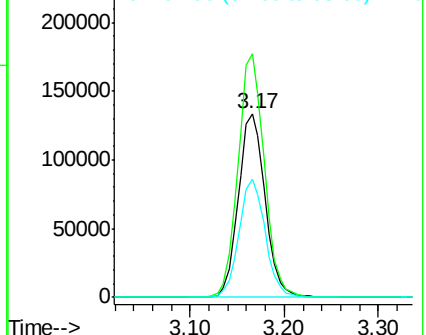
96 100

61 132.1 104.6 156.8

98 64.1 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 53.906 ug/l

RT: 3.87 min Scan# 445

Delta R.T. 0.00 min

Lab File: VX007365.D

Acq: 05 Feb 2019 09:44

Tgt Ion: 45 Resp: 771535

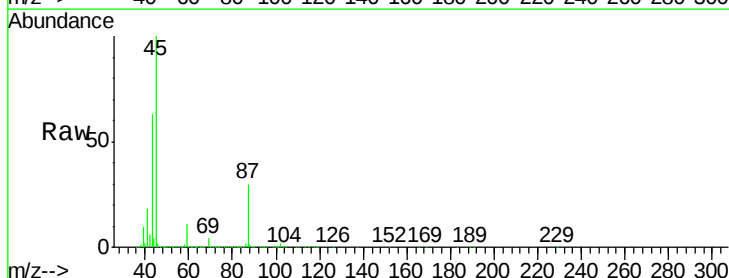
Ion Ratio Lower Upper

45 100

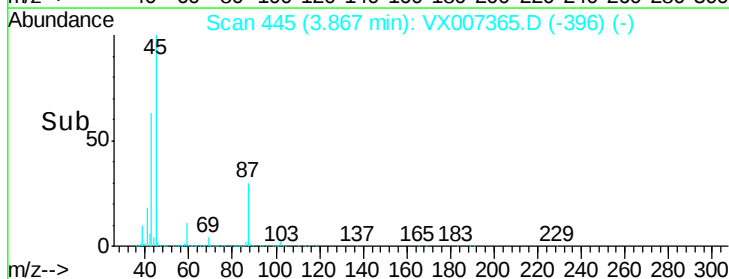
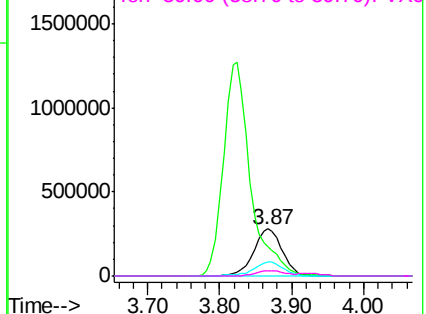
43 63.4 48.9 73.3

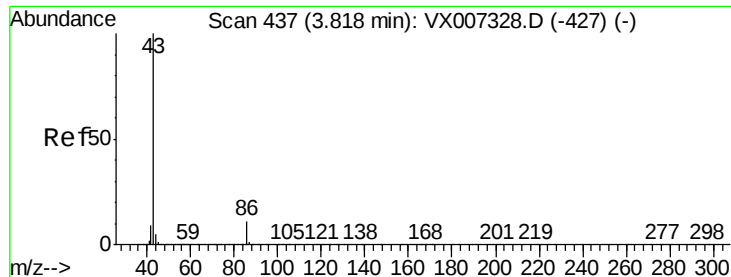
87 29.8 23.9 35.9

59 11.3 9.6 14.4



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 281.375 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007365.D

Acq: 05 Feb 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

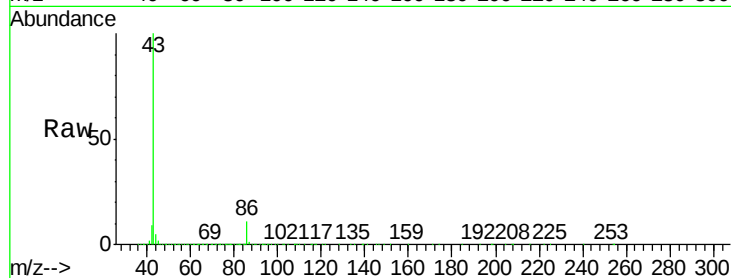
VSTDCCC050

Tot Ion: 43 Resp: 3341849

Ion Ratio Lower Upper

43 100

86 10.9 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

1500000

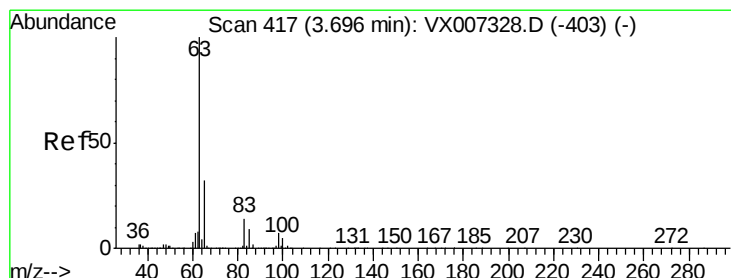
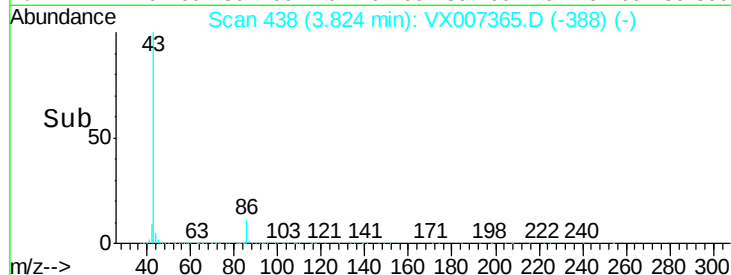
1000000

500000

0

3.70 3.80 3.90 4.00 4.10

Time-->



#24

1,1-Dichloroethane

Concen: 56.008 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007365.D

Acq: 05 Feb 2019 09:44

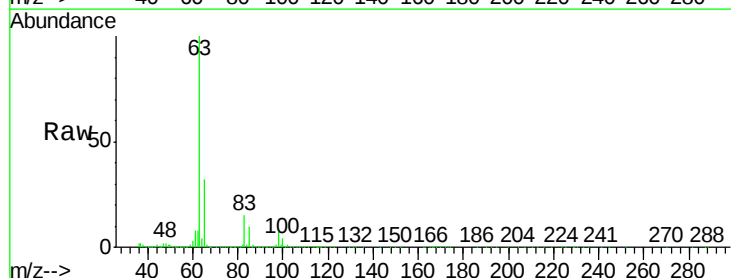
Tgt Ion: 63 Resp: 460344

Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

100 4.1 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

250000

200000

150000

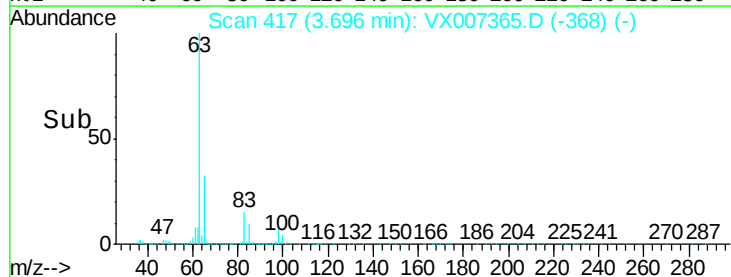
100000

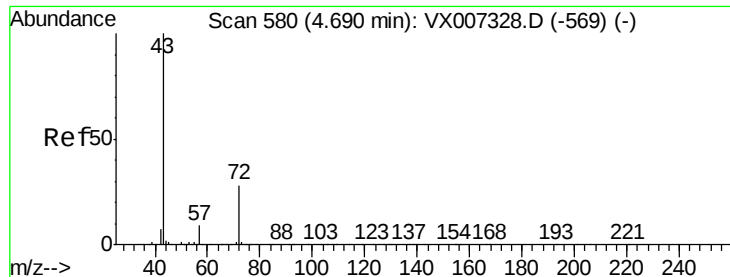
50000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 280.604 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX007365.D

Acq: 05 Feb 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

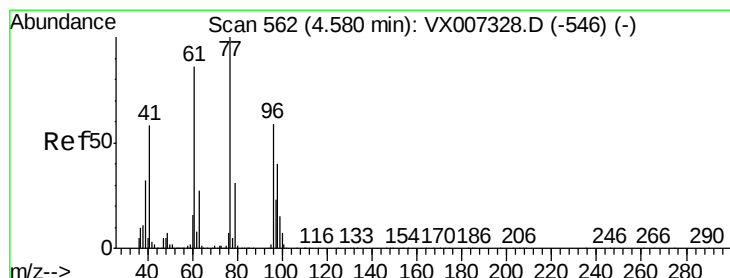
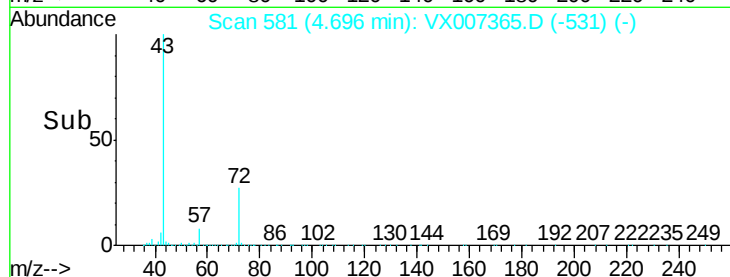
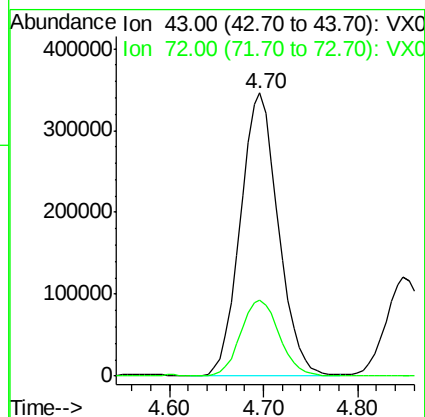
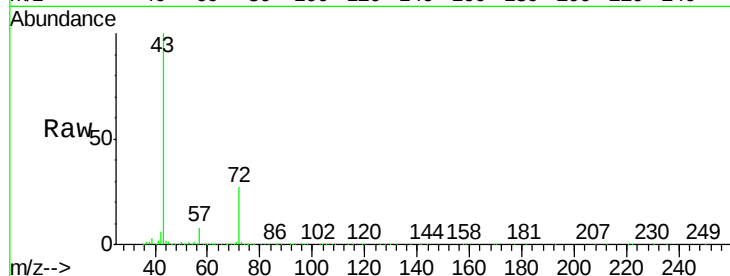
VSTDCCC050

Tot Ion: 43 Resp: 971084

Ion Ratio Lower Upper

43 100

72 26.9 22.2 33.2



#26

2,2-Dichloropropane

Concen: 56.239 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX007365.D

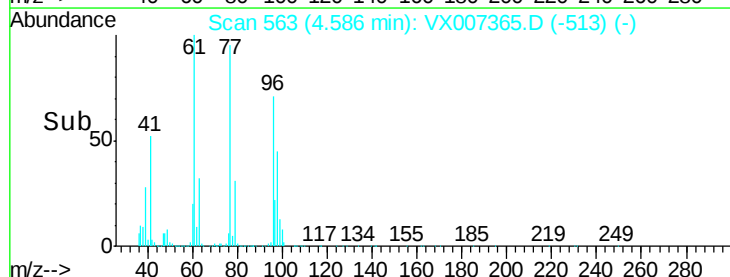
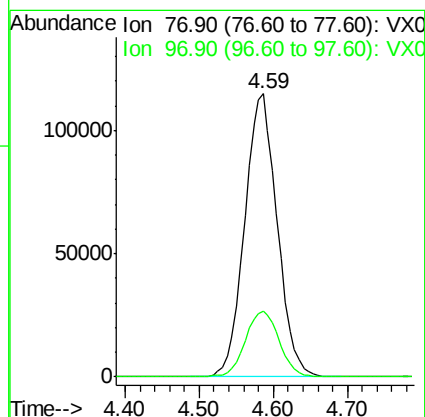
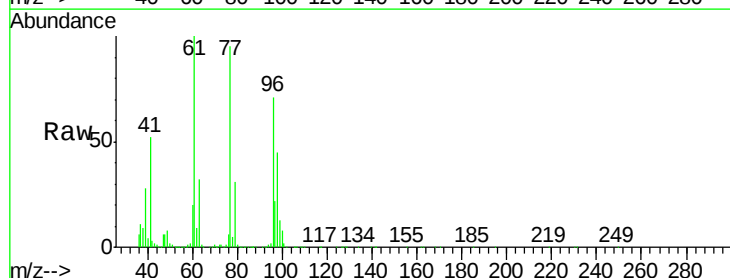
Acq: 05 Feb 2019 09:44

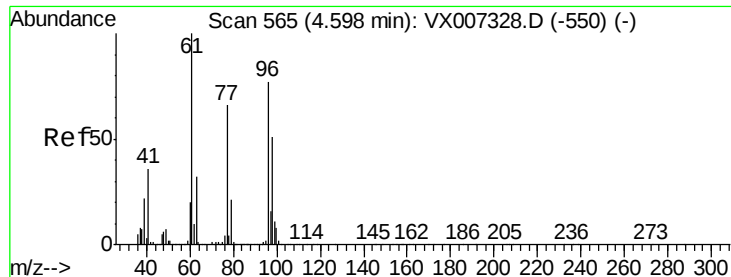
Tgt Ion: 77 Resp: 352029

Ion Ratio Lower Upper

77 100

97 24.2 12.1 36.3



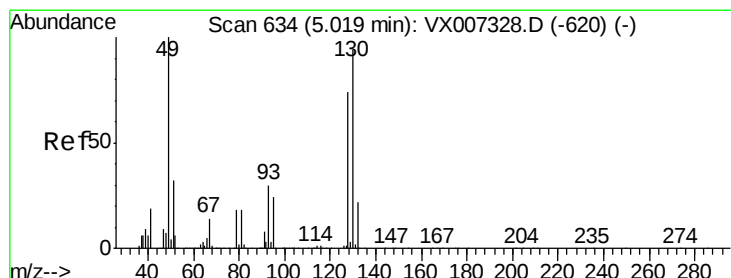
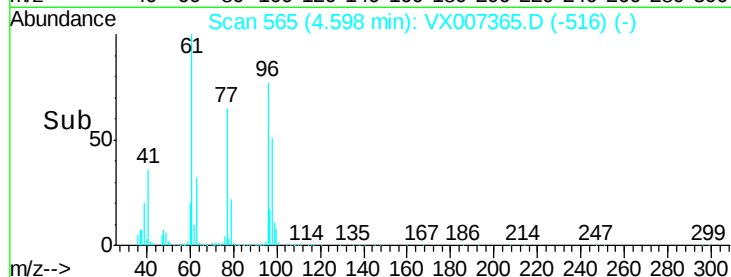
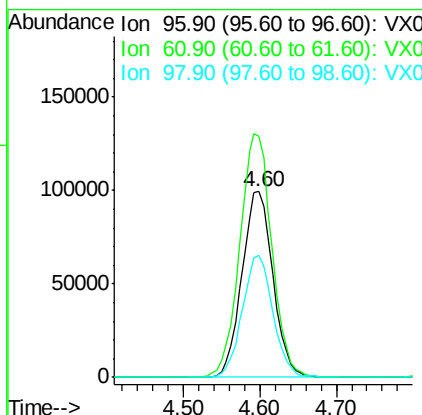
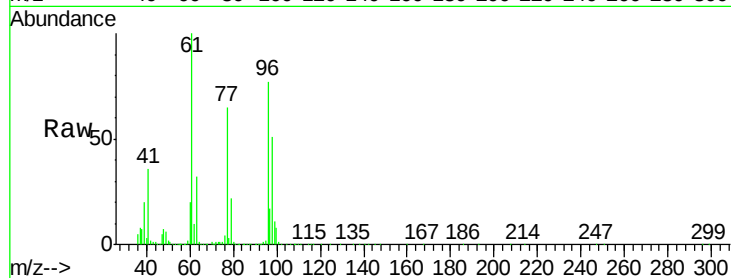


#27

cis-1,2-Dichloroethene
 Concen: 50.531 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX007365.D
 Acq: 05 Feb 2019 09:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

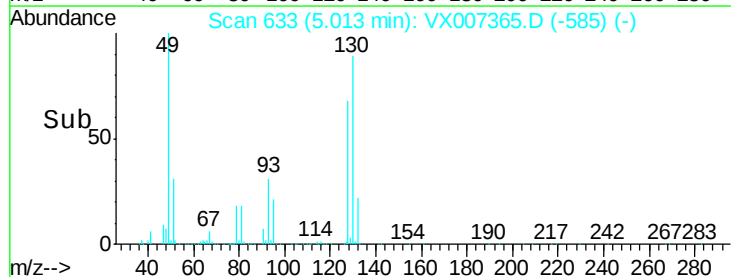
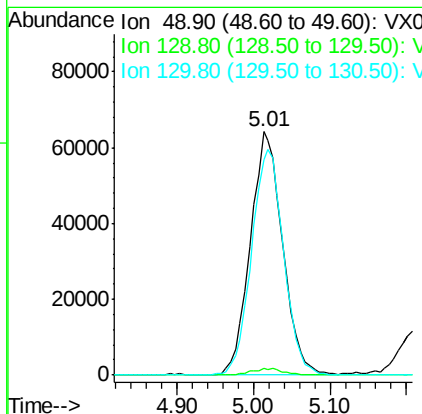
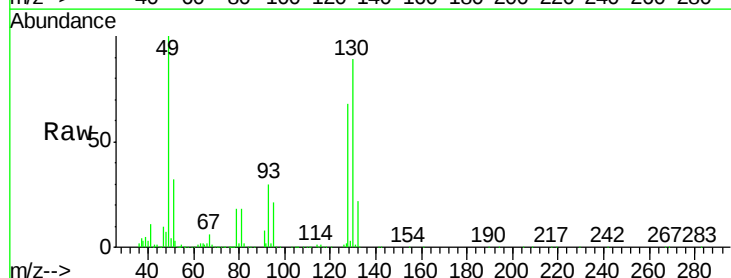
Tot Ion	Ratio	Lower	Upper
96	100		
61	134.9	0.0	265.6
98	64.7	0.0	131.6

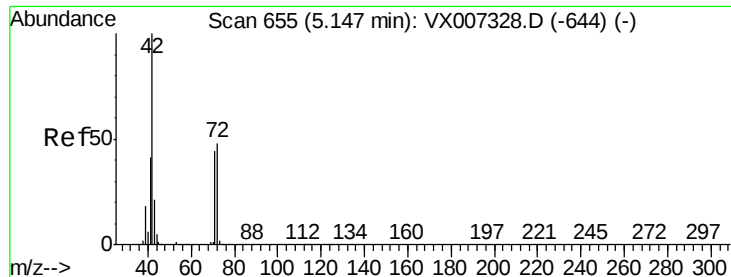


#28

Bromochloromethane
 Concen: 49.599 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX007365.D
 Acq: 05 Feb 2019 09:44

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	5.6
130	93.2	75.6	113.4





#29

Tetrahydrofuran

Concen: 282.202 ug/l

RT: 5.15 min Scan# 655

Delta R.T. 0.00 min

Lab File: VX007365.D

Acq: 05 Feb 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

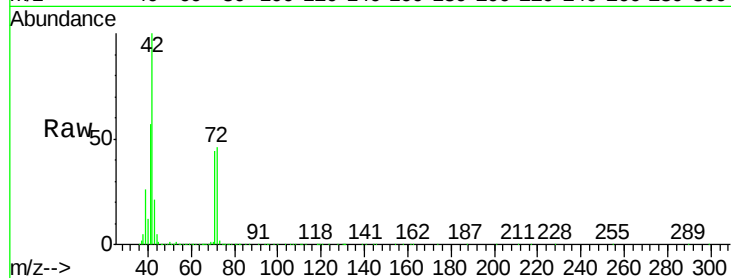
Tot Ion: 42 Resp: 614223

Ion Ratio Lower Upper

42 100

72 46.3 37.6 56.4

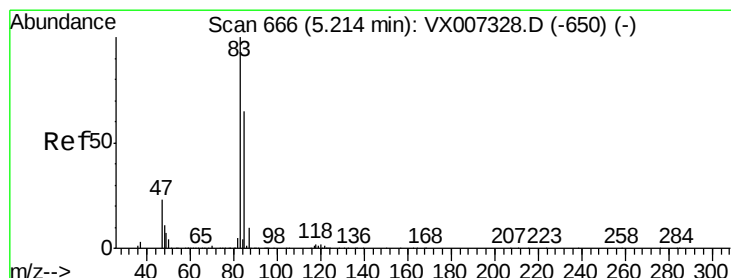
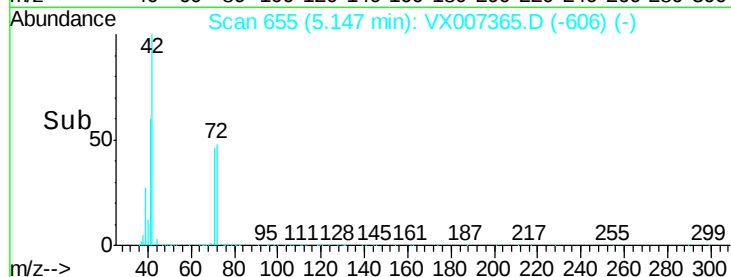
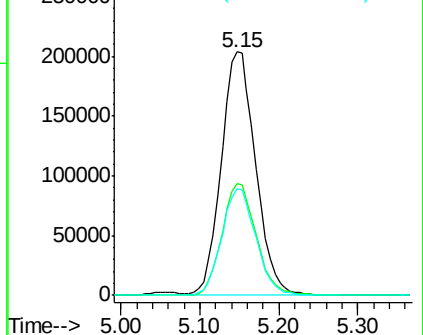
71 43.9 34.6 51.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 53.679 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX007365.D

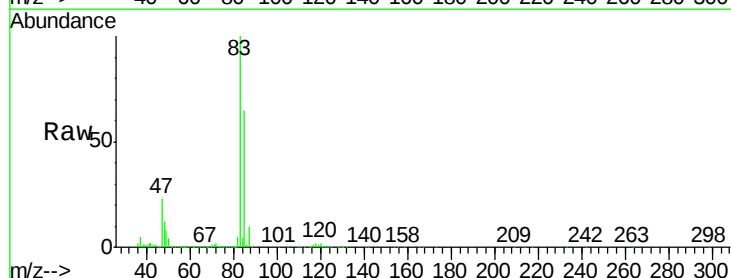
Acq: 05 Feb 2019 09:44

Tgt Ion: 83 Resp: 460396

Ion Ratio Lower Upper

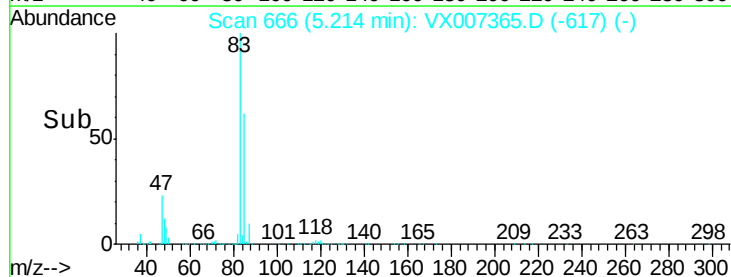
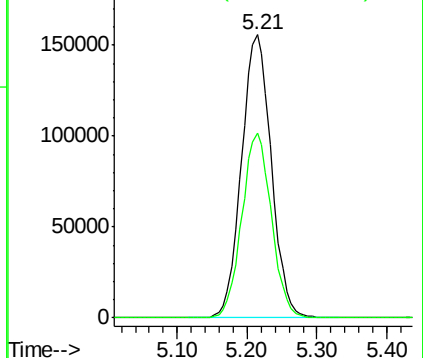
83 100

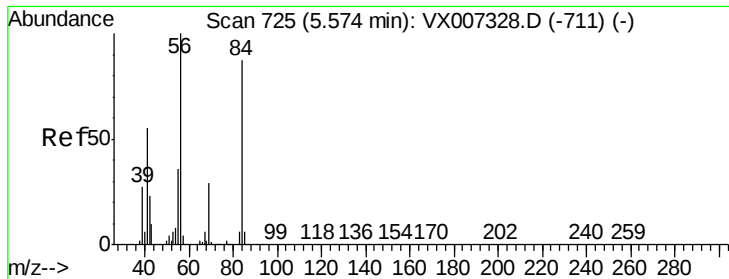
85 65.4 51.6 77.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 53.865 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX007365.D

Acq: 05 Feb 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

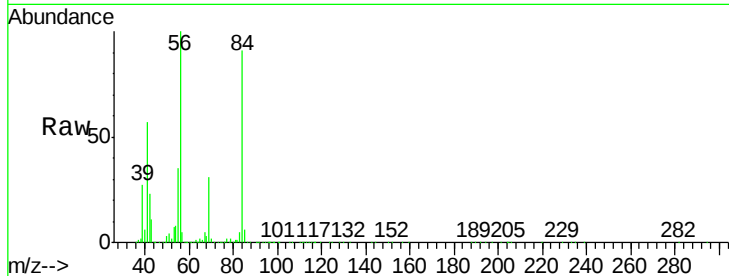
Tot Ion: 56 Resp: 397638

Ion Ratio Lower Upper

56 100

69 31.1 23.0 34.6

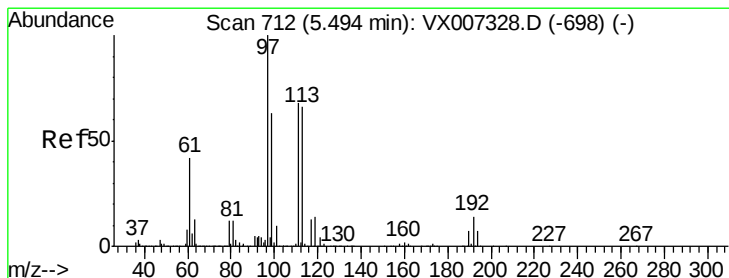
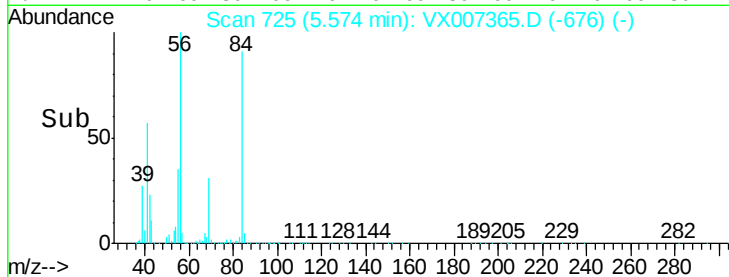
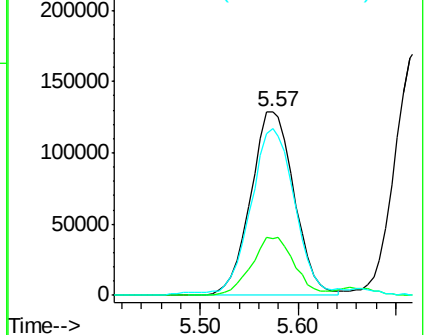
84 89.1 69.8 104.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 55.968 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX007365.D

Acq: 05 Feb 2019 09:44

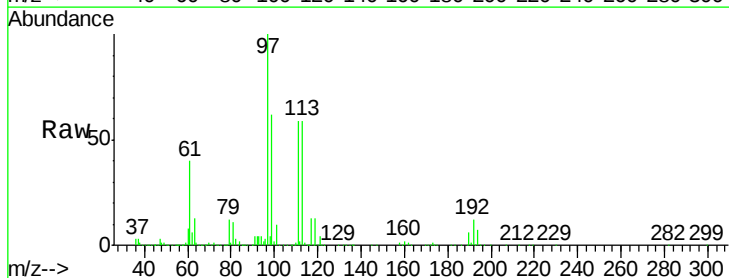
Tgt Ion: 97 Resp: 405189

Ion Ratio Lower Upper

97 100

99 64.3 52.2 78.2

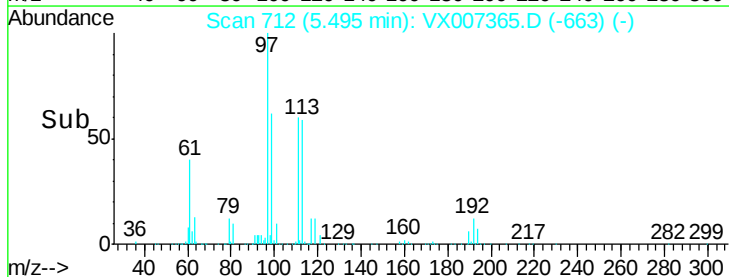
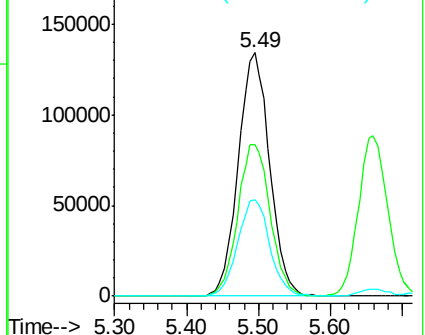
61 40.7 32.7 49.1

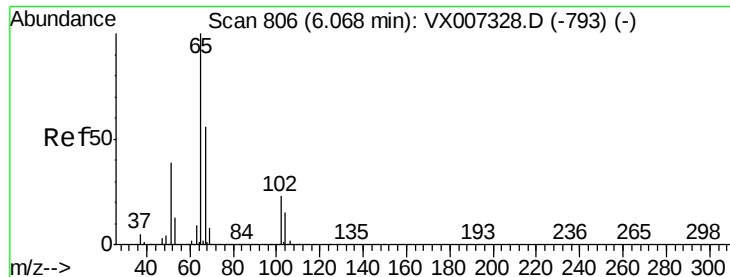


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.147 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX007365.D

Acq: 05 Feb 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

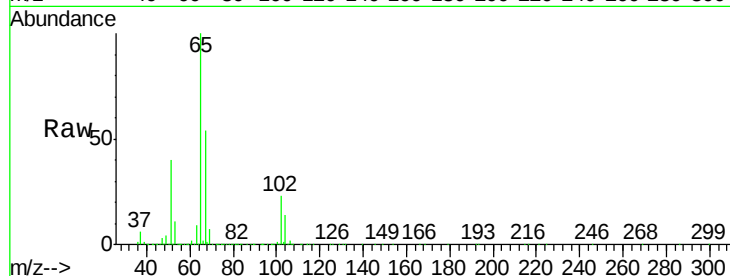
VSTDCCC050

Tot Ion: 65 Resp: 255597

Ion Ratio Lower Upper

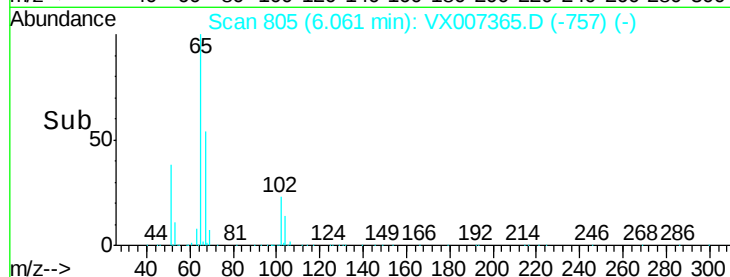
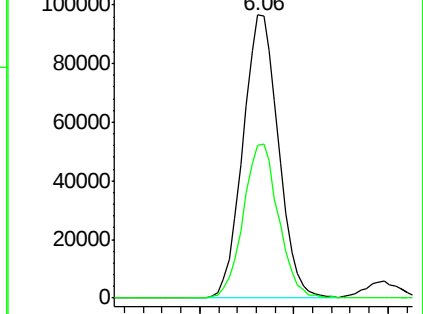
65 100

67 53.6 0.0 108.8

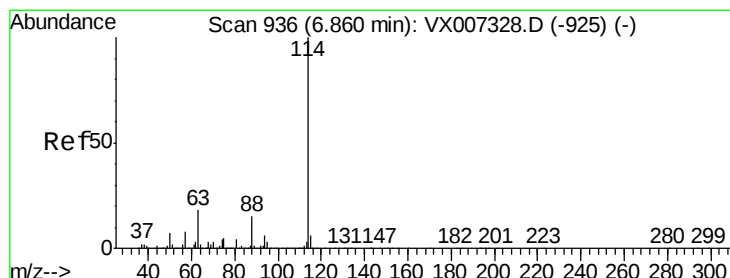


Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007365.D

Acq: 05 Feb 2019 09:44

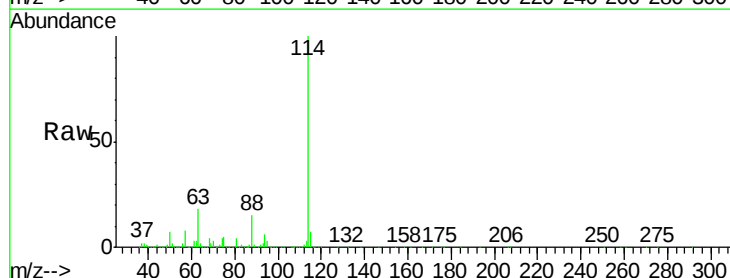
Tgt Ion: 114 Resp: 716018

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.6

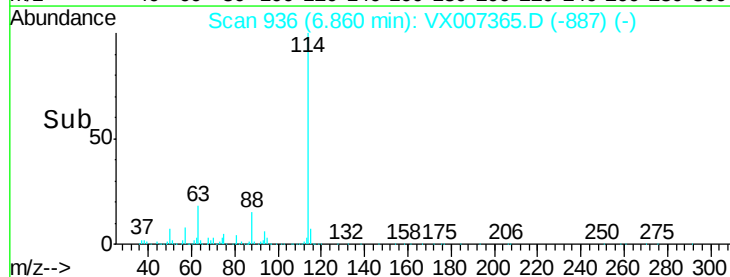
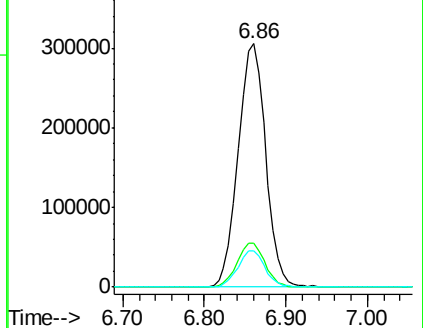
88 14.8 0.0 29.6



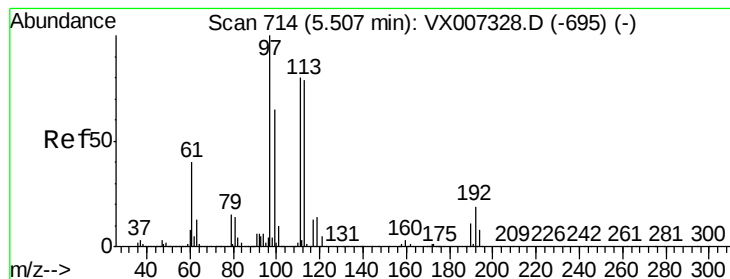
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



Time-->



#35

Dibromofluoromethane

Concen: 49.605 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007365.D

Acq: 05 Feb 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

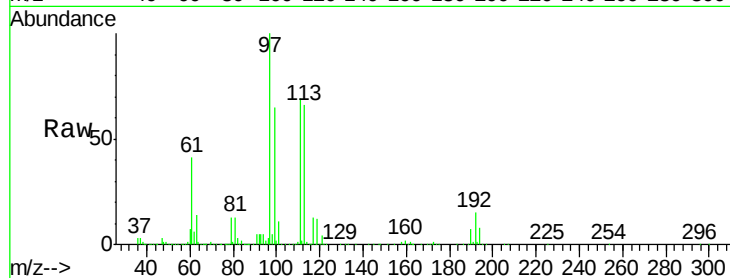
Tot Ion:113 Resp: 231102

Ion Ratio Lower Upper

113 100

111 102.9 81.8 122.8

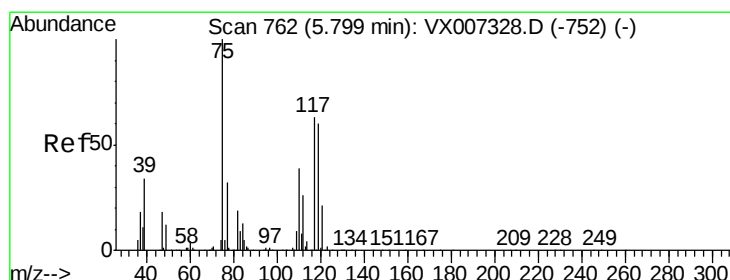
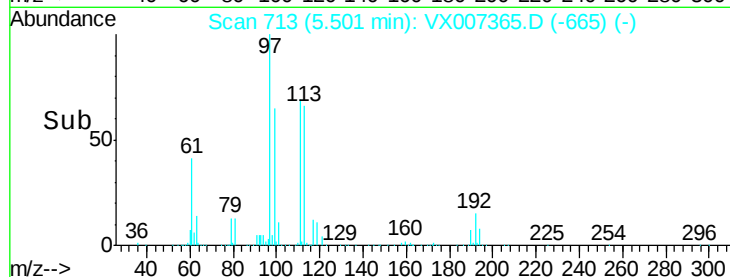
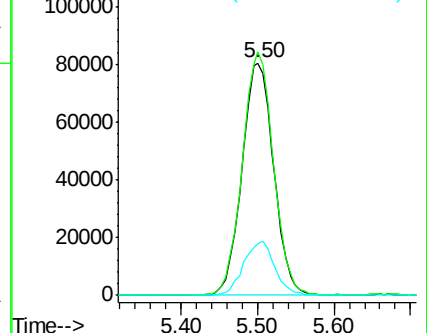
192 22.8 18.5 27.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 54.020 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX007365.D

Acq: 05 Feb 2019 09:44

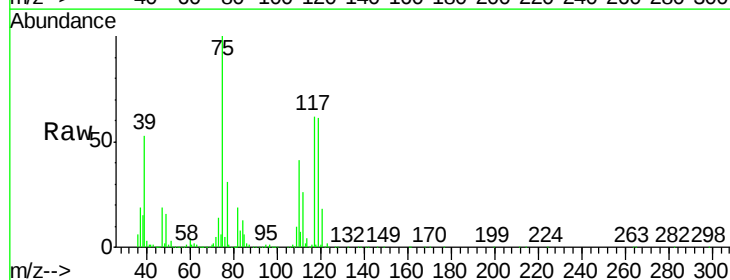
Tgt Ion: 75 Resp: 347048

Ion Ratio Lower Upper

75 100

110 38.3 20.0 59.9

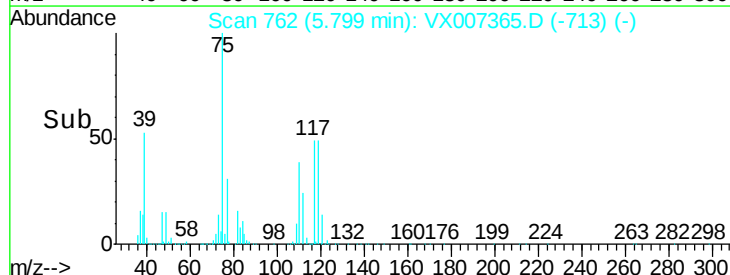
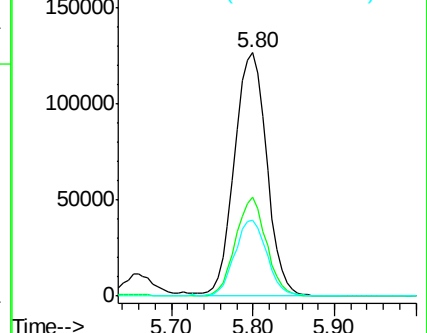
77 30.8 24.7 37.1

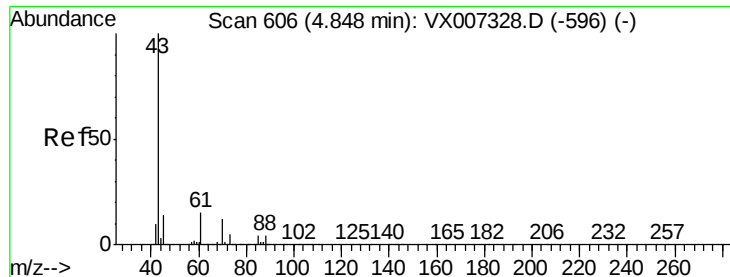


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

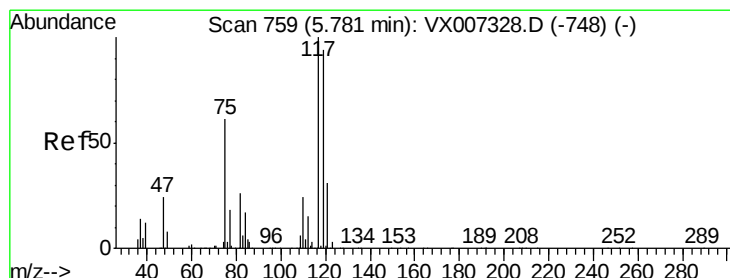
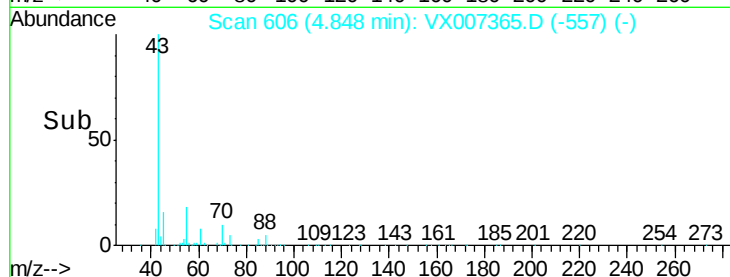
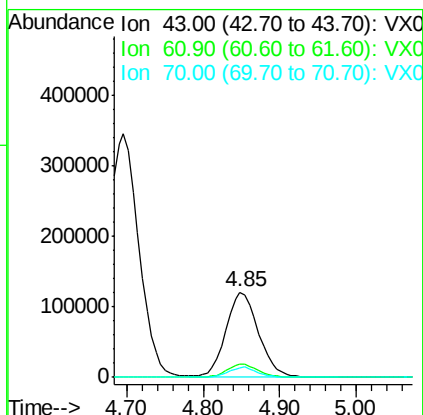
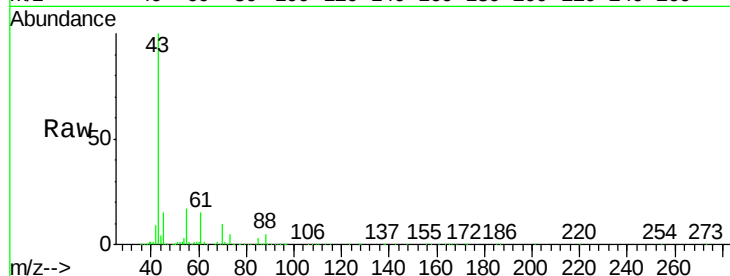




#37
Ethyl Acetate
Concen: 54.563 ug/l
RT: 4.85 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX007365.D
Acq: 05 Feb 2019 09:44

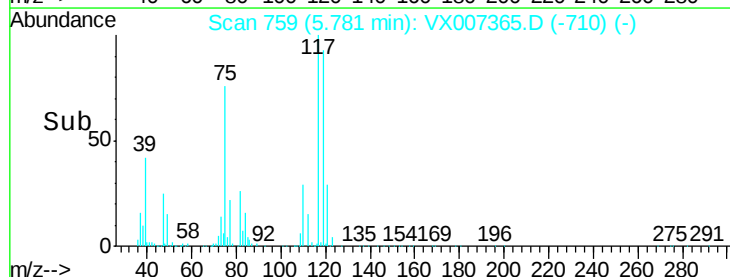
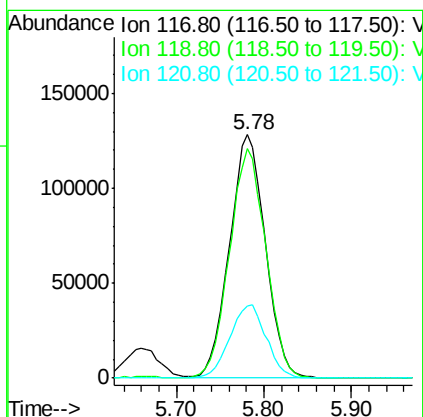
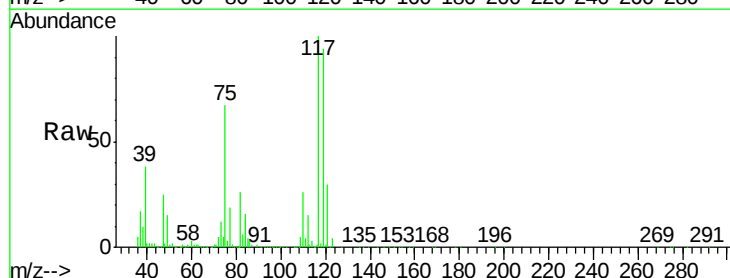
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 354345
Ion Ratio Lower Upper
43 100
61 14.4 11.3 16.9
70 10.8 8.6 13.0



#38
Carbon Tetrachloride
Concen: 58.552 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX007365.D
Acq: 05 Feb 2019 09:44

Tgt Ion: 117 Resp: 364933
Ion Ratio Lower Upper
117 100
119 94.1 75.3 112.9
121 29.8 25.0 37.4

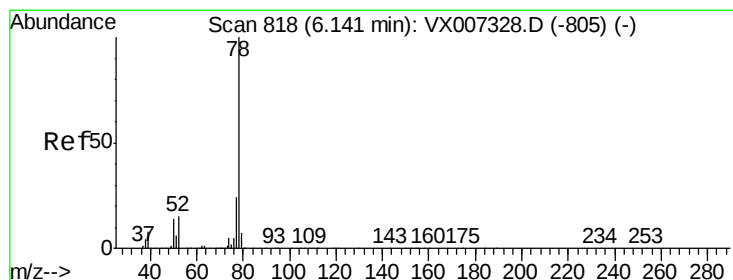
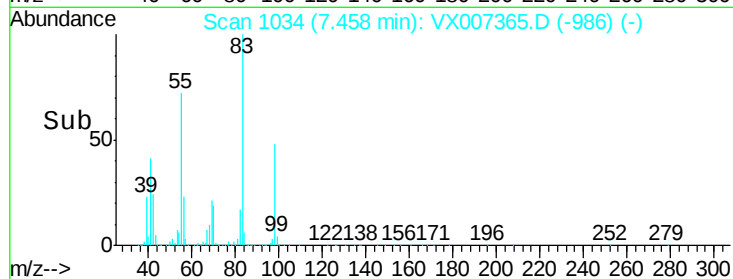
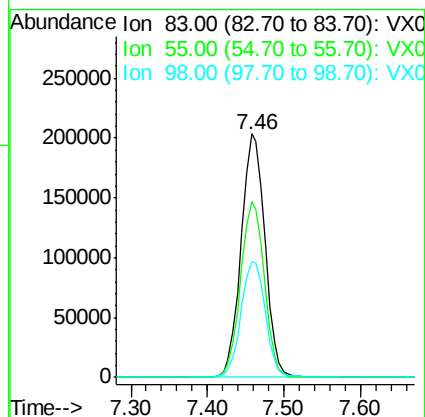
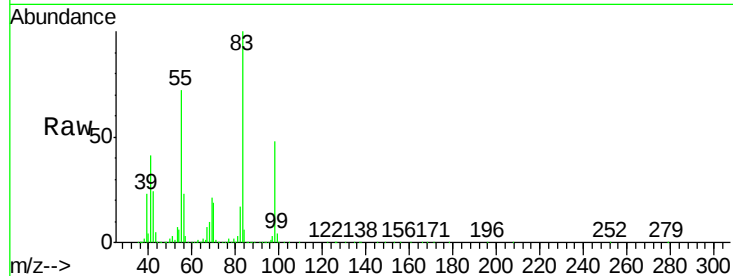




#39
Methvlcvclohexane
Concen: 56.598 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007365.D
Acq: 05 Feb 2019 09:44

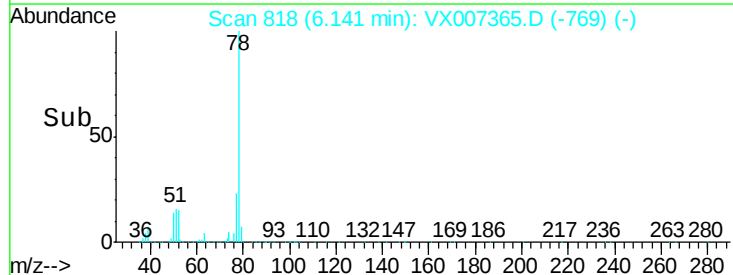
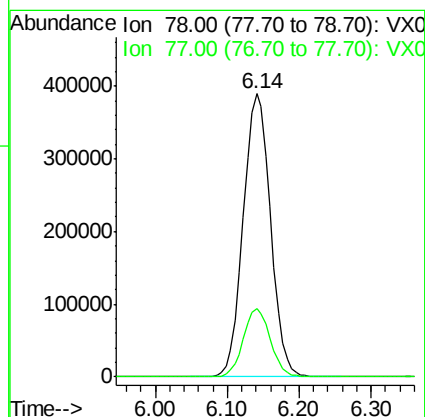
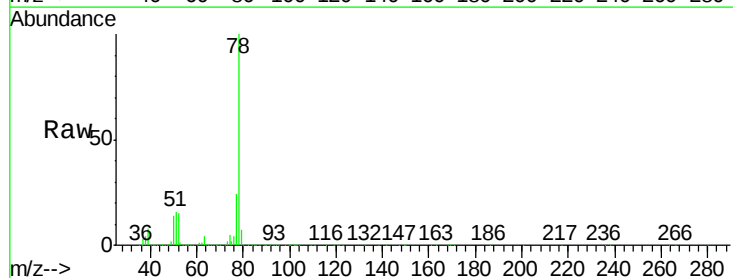
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

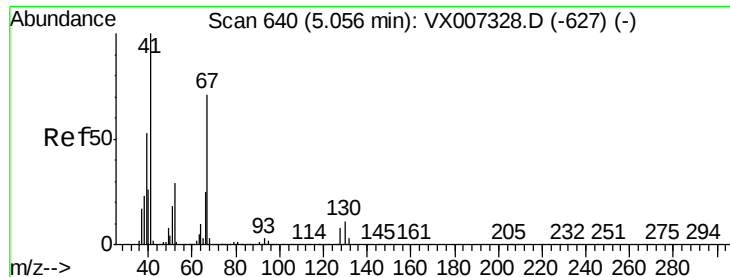
Tot Ion: 83 Resp: 439927
Ion Ratio Lower Upper
83 100
55 72.2 56.2 84.2
98 47.6 36.8 55.2



#40
Benzene
Concen: 54.177 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007365.D
Acq: 05 Feb 2019 09:44

Tgt Ion: 78 Resp: 1025266
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9





#41

Methacrylonitrile

Concen: 57.159 ug/l

RT: 5.06 min Scan# 640

Delta R.T. 0.00 min

Lab File: VX007365.D

Acq: 05 Feb 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 198948

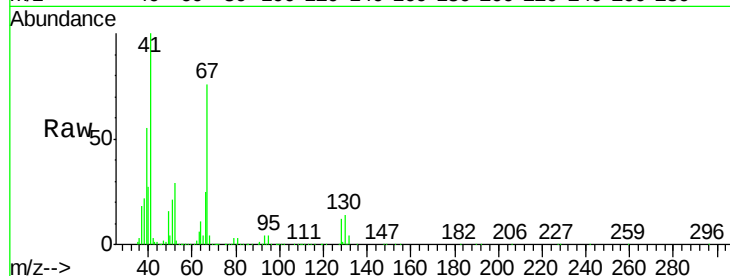
Ion Ratio Lower Upper

41 100

39 54.6 44.5 66.7

67 75.3 60.4 90.6

52 29.1 24.1 36.1

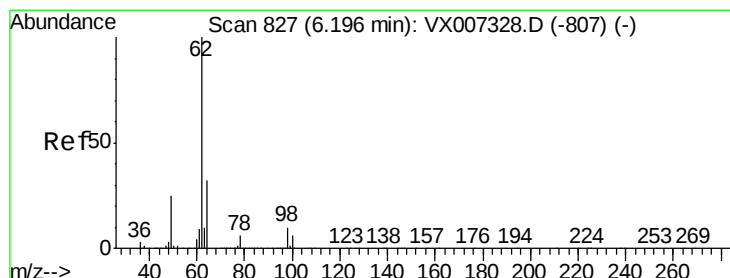
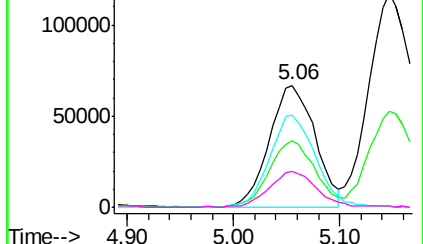
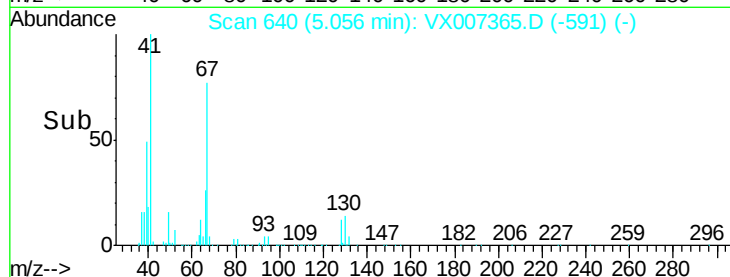


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 53.136 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX007365.D

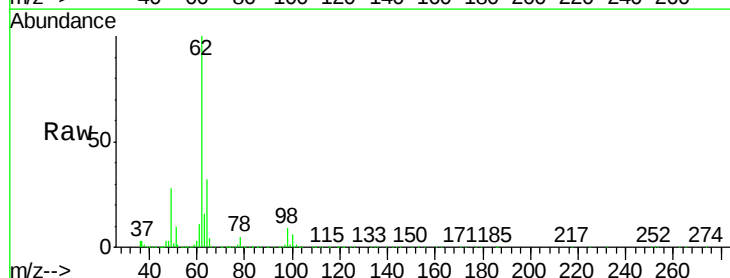
Acq: 05 Feb 2019 09:44

Tgt Ion: 62 Resp: 347921

Ion Ratio Lower Upper

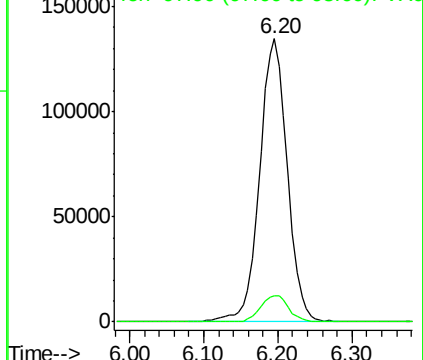
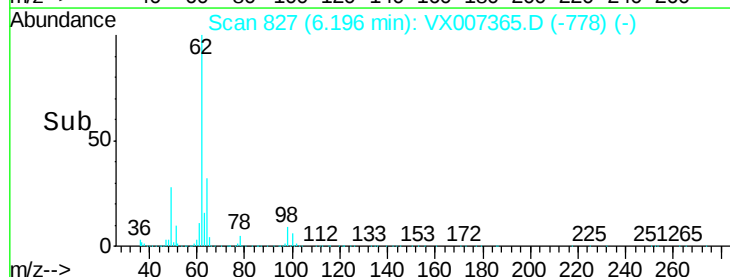
62 100

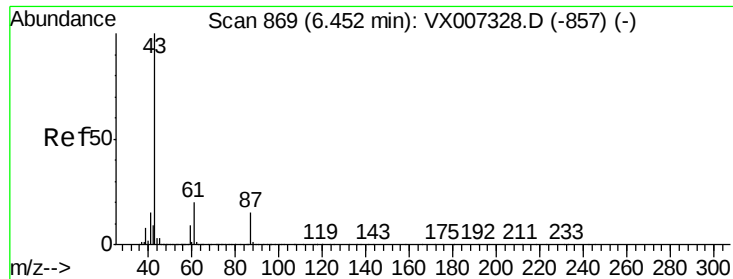
98 9.6 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



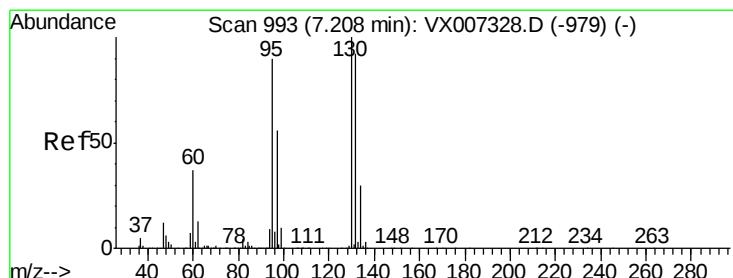
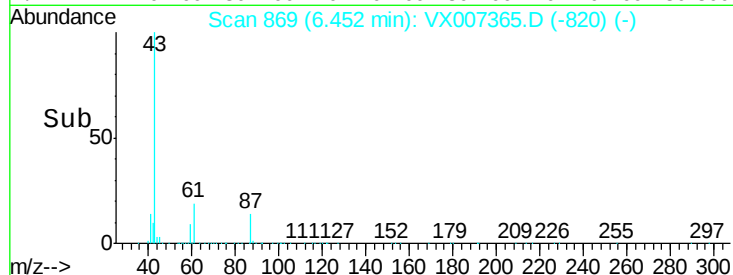
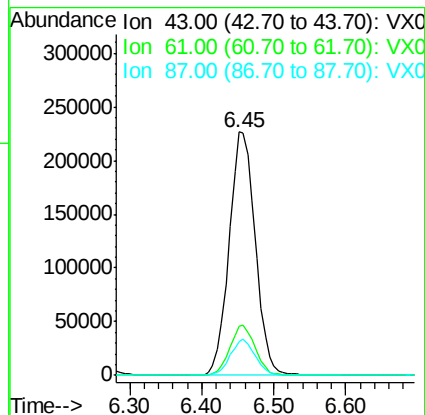
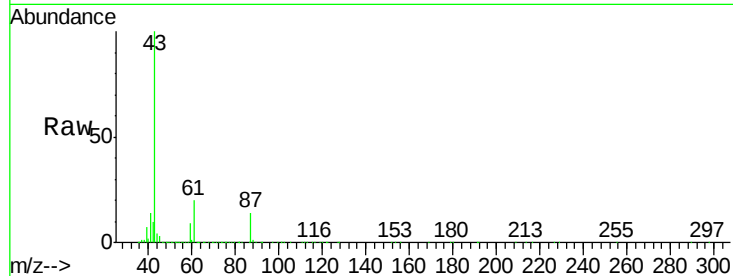


#43

Isopropyl Acetate
 Concen: 56.954 ug/l
 RT: 6.45 min Scan# 869
 Delta R.T. 0.00 min
 Lab File: VX007365.D
 Acq: 05 Feb 2019 09:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

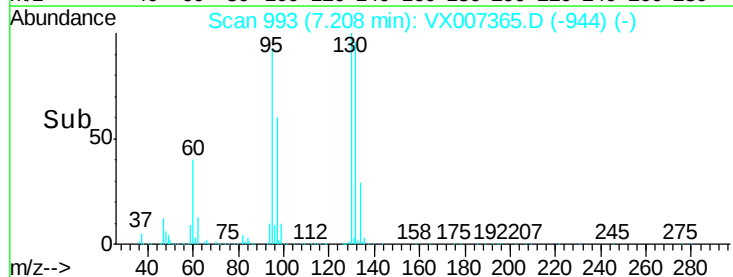
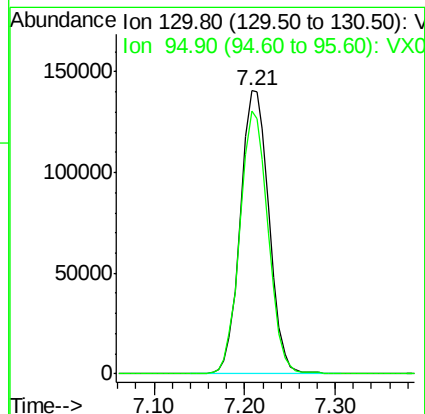
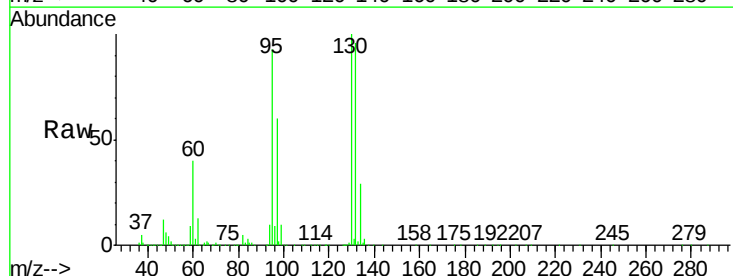
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.3	16.1	24.1
87	14.3	11.5	17.3

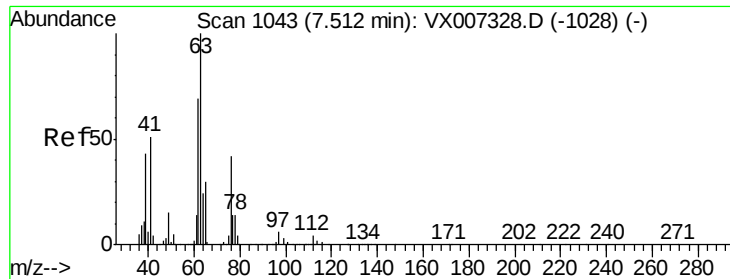


#44

Trichloroethene
 Concen: 54.090 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: VX007365.D
 Acq: 05 Feb 2019 09:44

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.7	0.0	180.0





#45

1,2-Dichloropropane

Concen: 54.570 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX007365.D

Acq: 05 Feb 2019 09:44

Instrument :

MSVOA_X

ClientSampled :

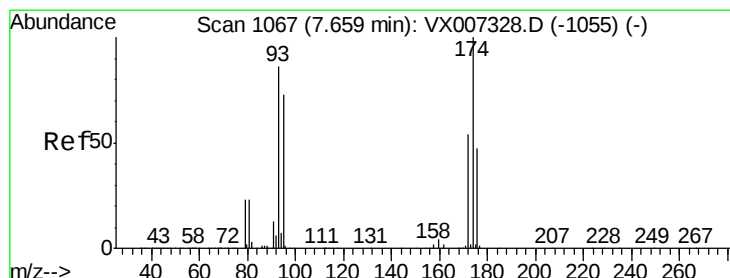
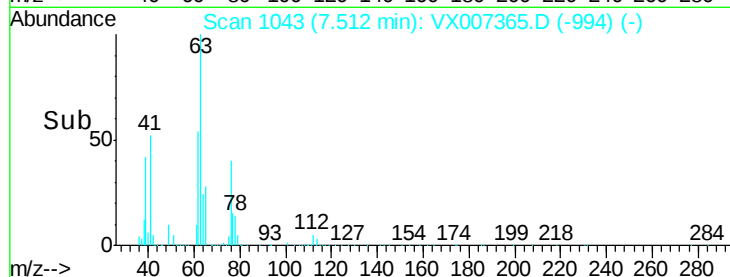
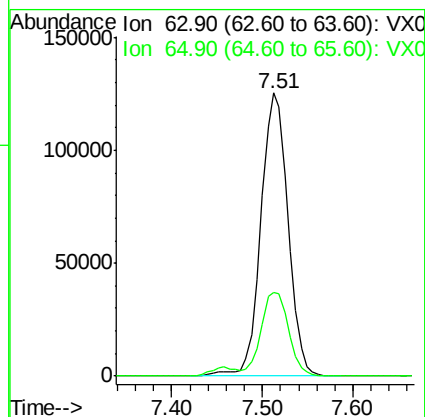
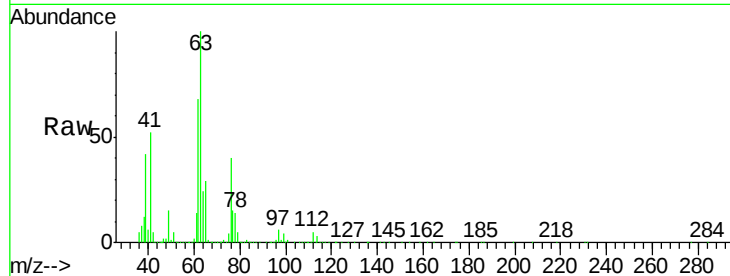
VSTDCCC050

Tot Ion: 63 Resp: 258748

Ion Ratio Lower Upper

63 100

65 29.3 24.2 36.2



#46

Dibromomethane

Concen: 52.724 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX007365.D

Acq: 05 Feb 2019 09:44

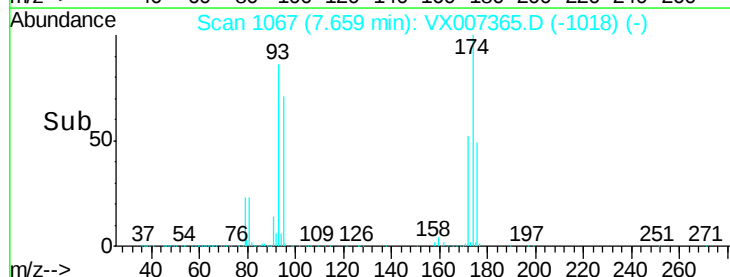
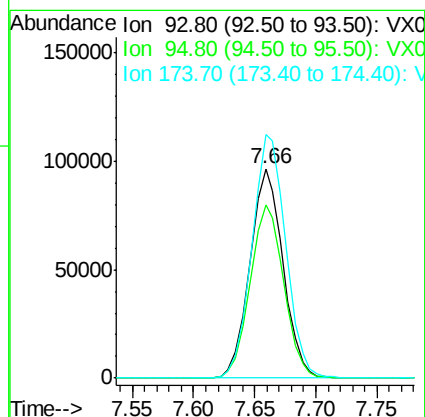
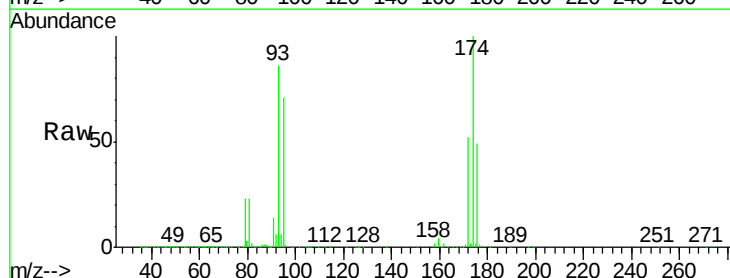
Tgt Ion: 93 Resp: 181697

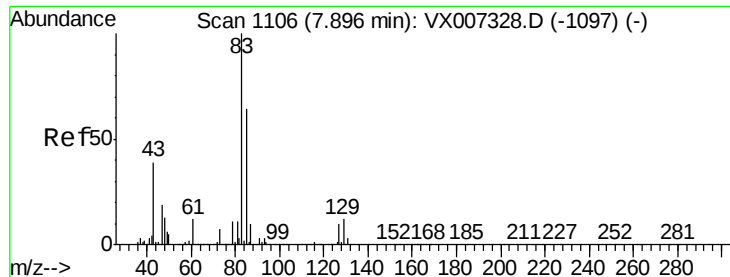
Ion Ratio Lower Upper

93 100

95 83.8 67.6 101.4

174 119.2 94.2 141.4





#47

Bromodichloromethane

Concen: 57.801 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007365.D

Acq: 05 Feb 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

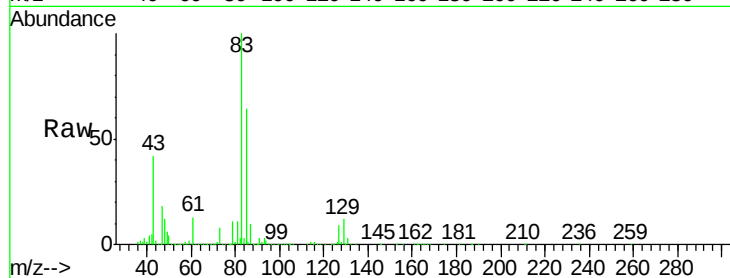
Tot Ion: 83 Resp: 337588

Ion Ratio Lower Upper

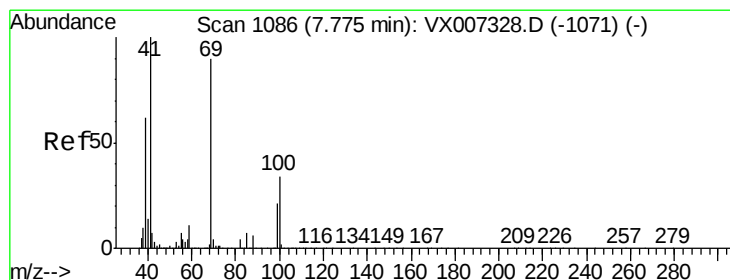
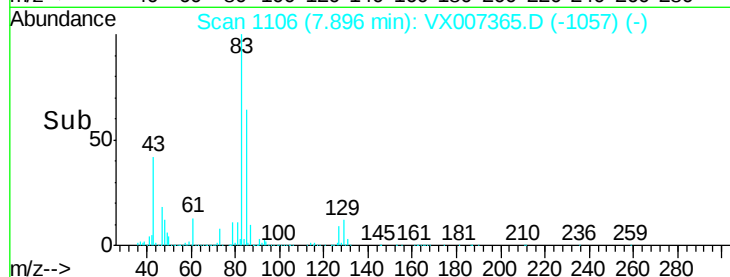
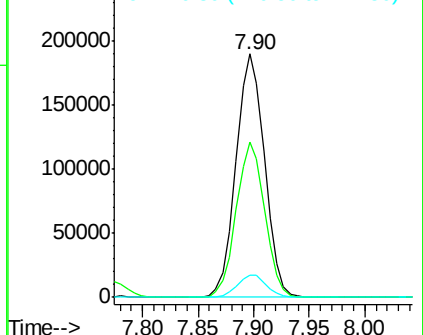
83 100

85 63.6 51.4 77.0

127 8.9 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: 58.850 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX007365.D

Acq: 05 Feb 2019 09:44

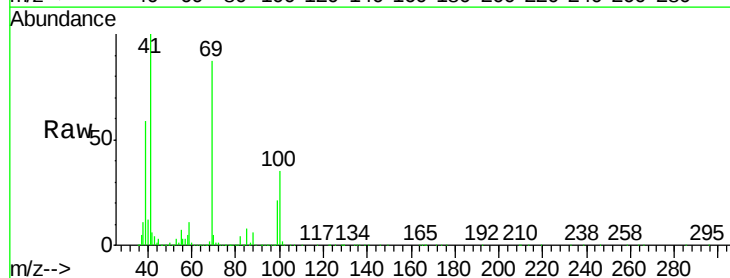
Tgt Ion: 41 Resp: 295073

Ion Ratio Lower Upper

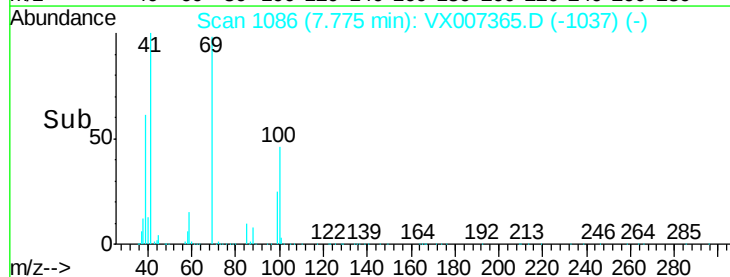
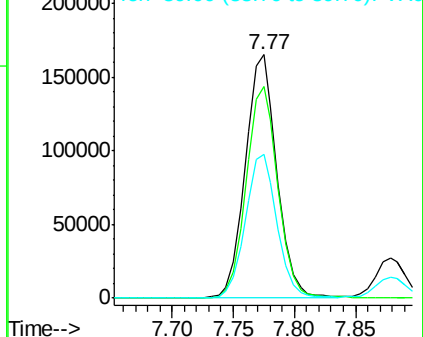
41 100

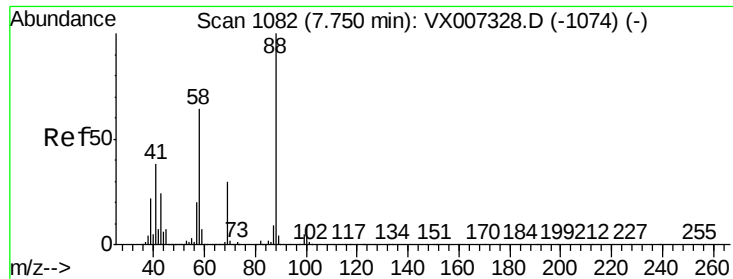
69 87.8 70.2 105.4

39 59.1 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

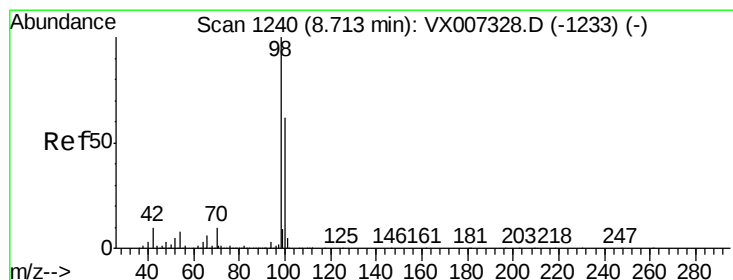
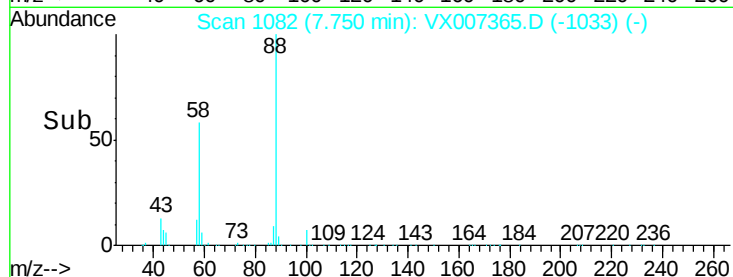
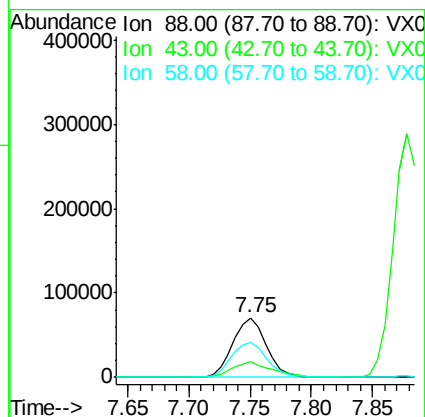
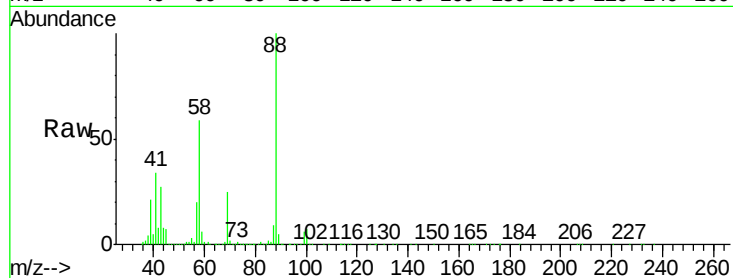




#49
1,4-Dioxane
Concen: 1168.706 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007365.D
Acq: 05 Feb 2019 09:44

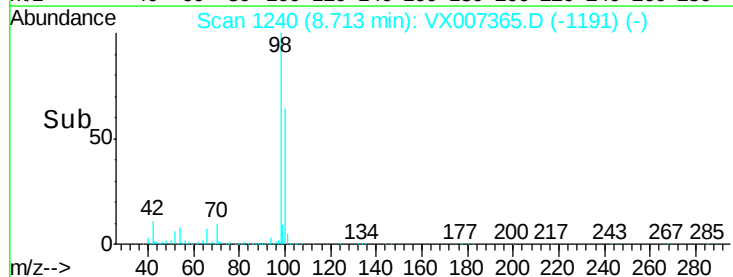
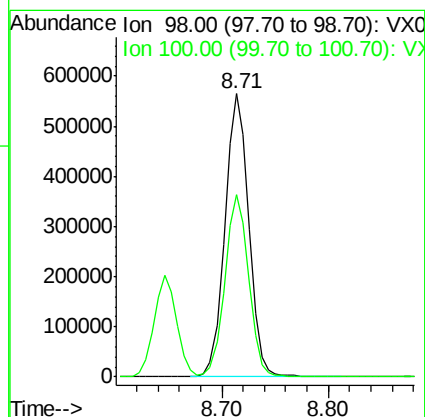
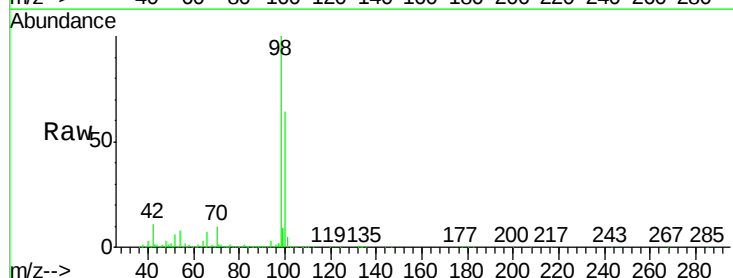
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

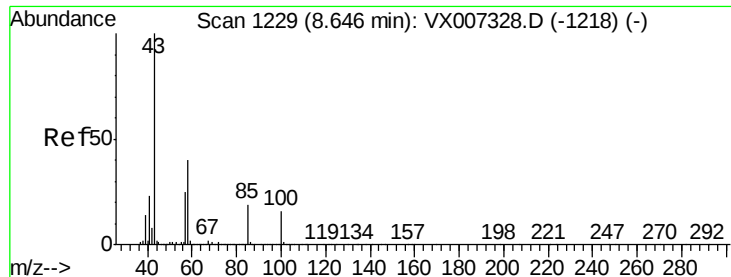
Tot Ion: 88 Resp: 133397
Ion Ratio Lower Upper
88 100
43 31.6 24.2 36.4
58 63.9 53.0 79.4



#50
Toluene-d8
Concen: 50.992 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007365.D
Acq: 05 Feb 2019 09:44

Tgt Ion: 98 Resp: 881401
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 285.946 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007365.D

Acq: 05 Feb 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

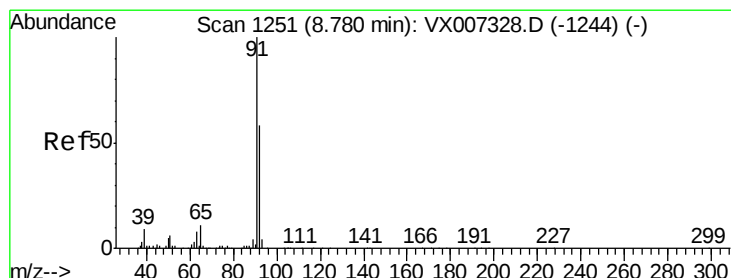
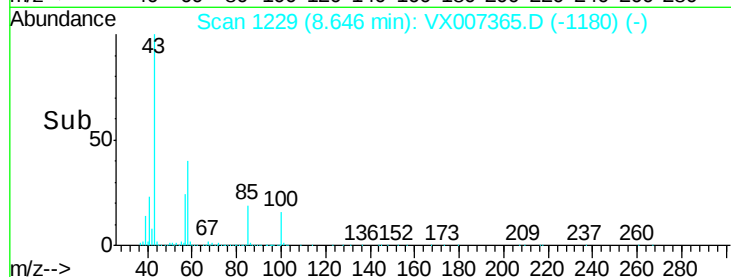
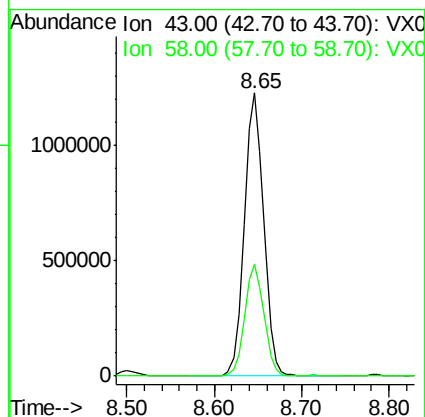
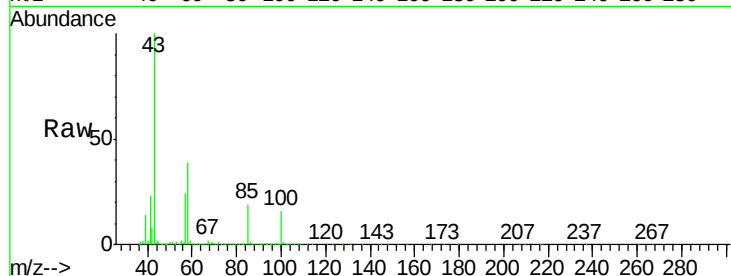
VSTDCCC050

Tot Ion: 43 Resp: 1886914

Ion Ratio Lower Upper

43 100

58 38.9 31.2 46.8



#52

Toluene

Concen: 54.712 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX007365.D

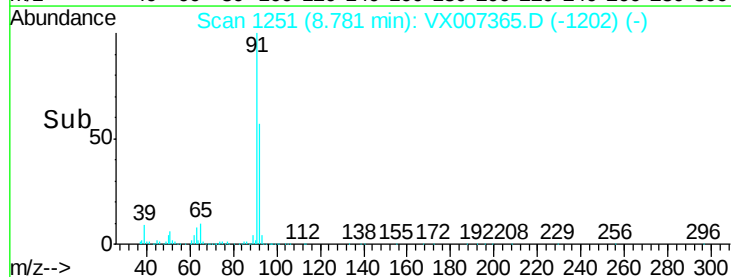
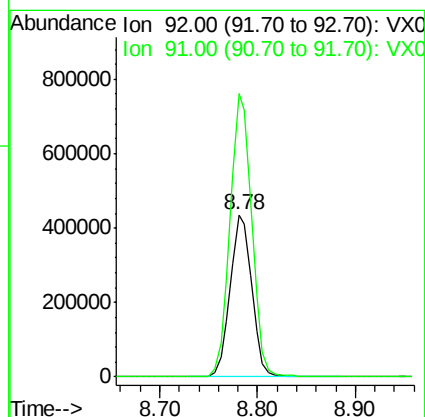
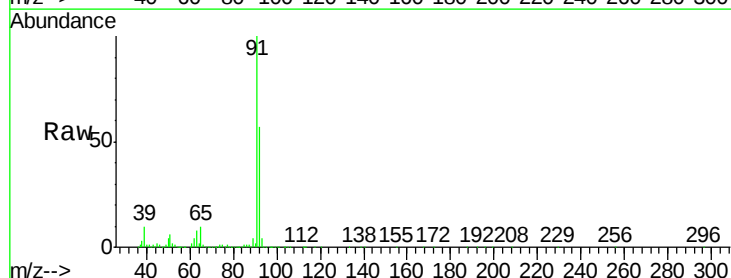
Acq: 05 Feb 2019 09:44

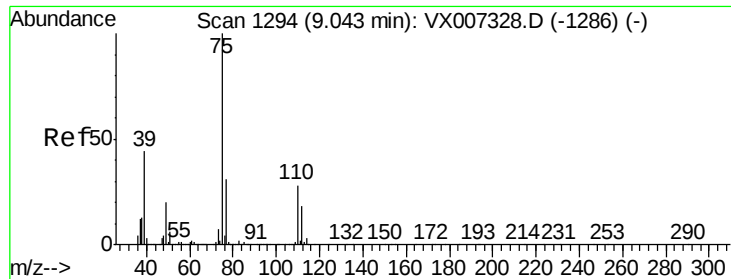
Tgt Ion: 92 Resp: 668016

Ion Ratio Lower Upper

92 100

91 175.5 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 60.960 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007365.D

Acq: 05 Feb 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

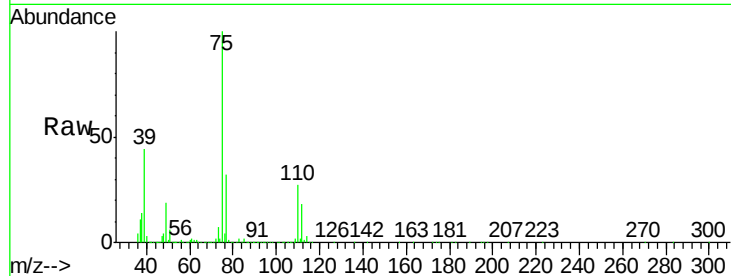
VSTDCCC050

Tot Ion: 75 Resp: 382436

Ion Ratio Lower Upper

75 100

77 32.1 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

250000

200000

150000

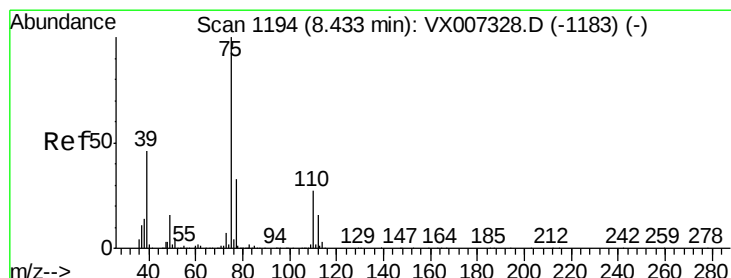
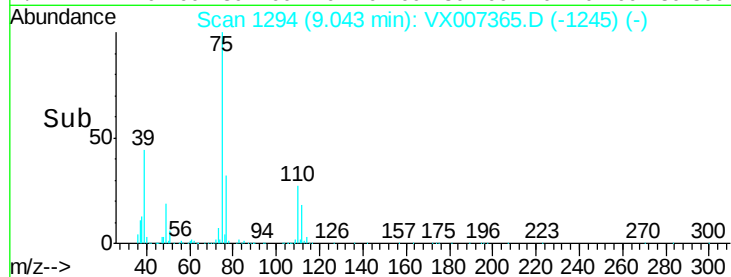
100000

50000

0

Time-->

8.95 9.00 9.05 9.10 9.15



#54

cis-1,3-Dichloropropene

Concen: 59.151 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX007365.D

Acq: 05 Feb 2019 09:44

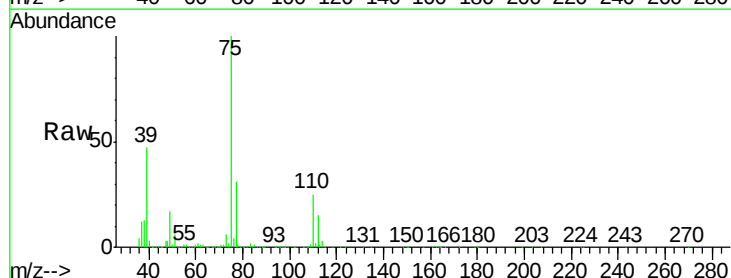
Tgt Ion: 75 Resp: 408083

Ion Ratio Lower Upper

75 100

77 31.4 26.2 39.4

39 46.6 37.1 55.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

300000

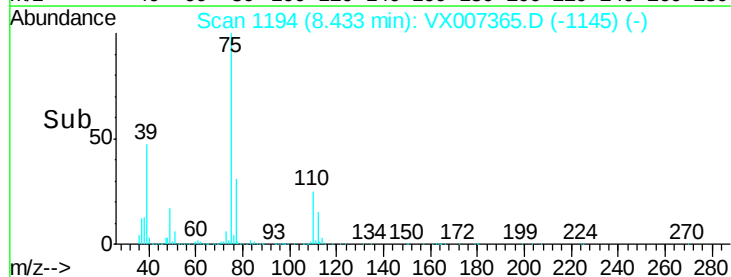
200000

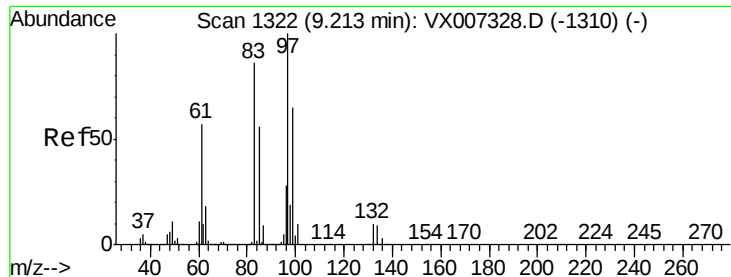
100000

0

Time-->

8.30 8.40 8.50

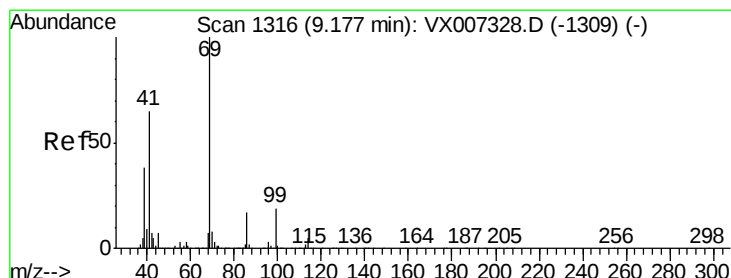
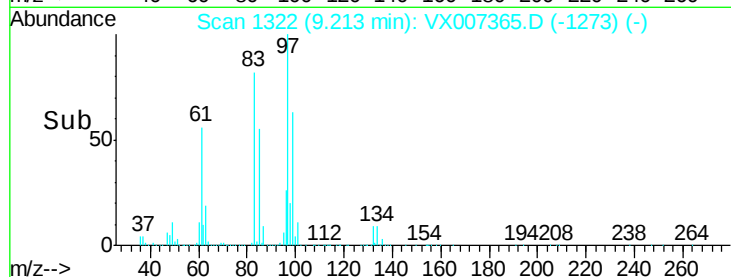
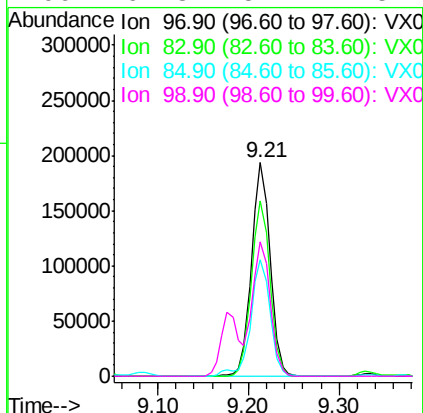
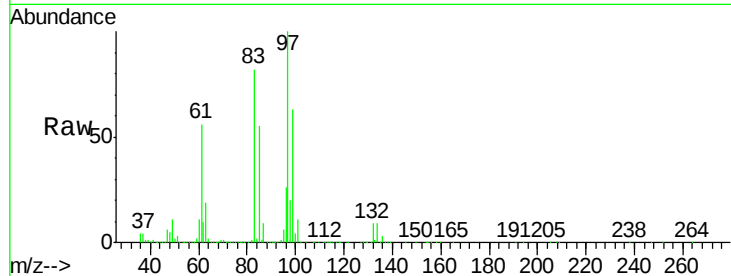




#55
 1,1,2-Trichloroethane
 Concen: 54.500 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX007365.D
 Acq: 05 Feb 2019 09:44

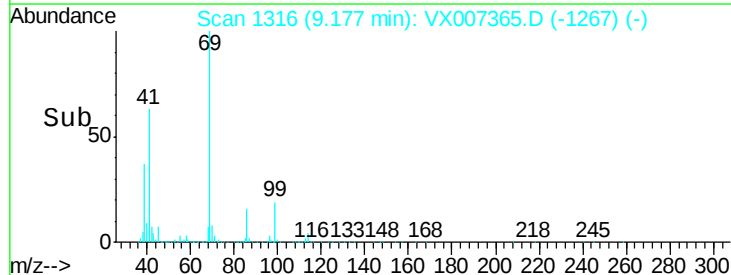
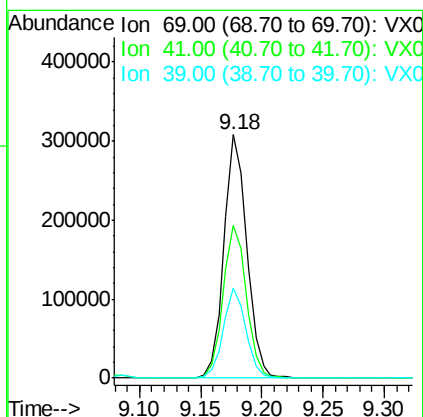
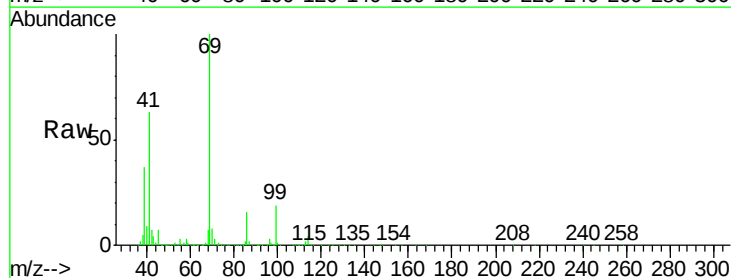
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

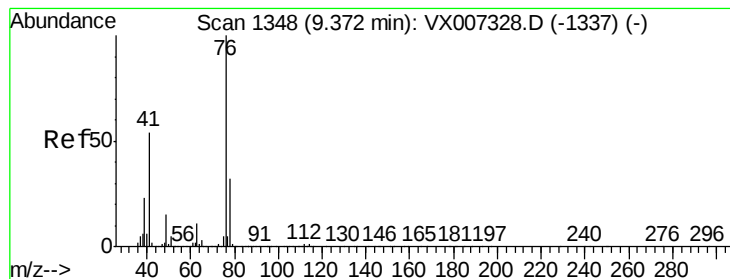
Tot Ion:	97	Resp:	277381
Ion	Ratio	Lower	Upper
97	100		
83	81.9	68.6	102.8
85	54.5	44.5	66.7
99	62.8	52.2	78.4



#56
 Ethyl methacrylate
 Concen: 56.775 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX007365.D
 Acq: 05 Feb 2019 09:44

Tgt Ion:	69	Resp:	400211
Ion	Ratio	Lower	Upper
69	100		
41	63.7	52.1	78.1
39	36.5	30.1	45.1





#57

1,3-Dichloropropane

Concen: 54.644 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007365.D

Acq: 05 Feb 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

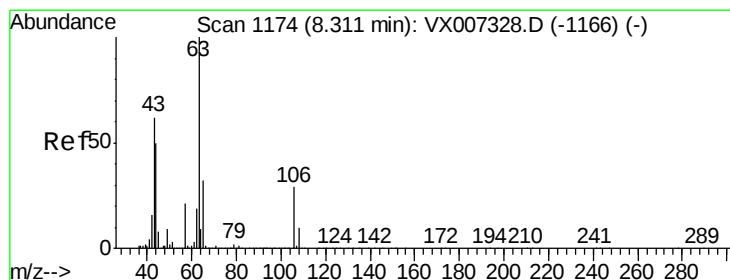
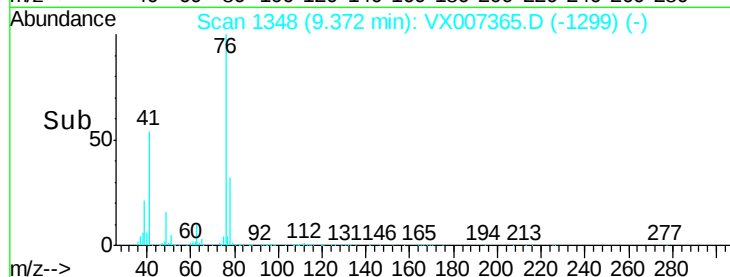
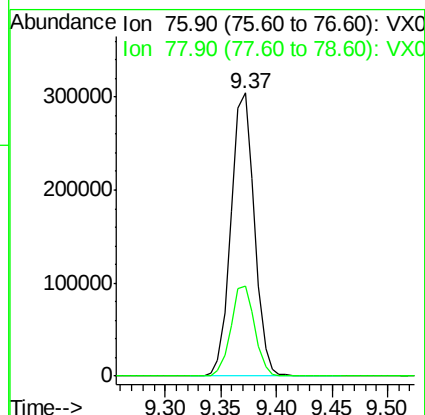
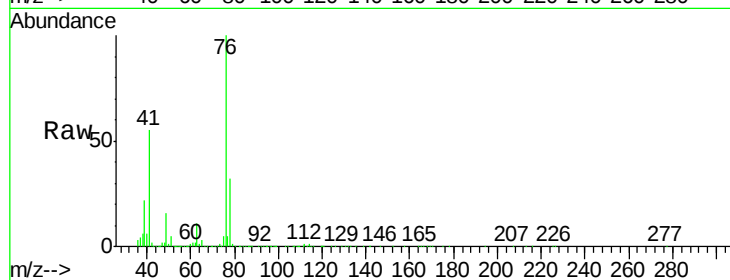
VSTDCCC050

Tot Ion: 76 Resp: 442285

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 319.758 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007365.D

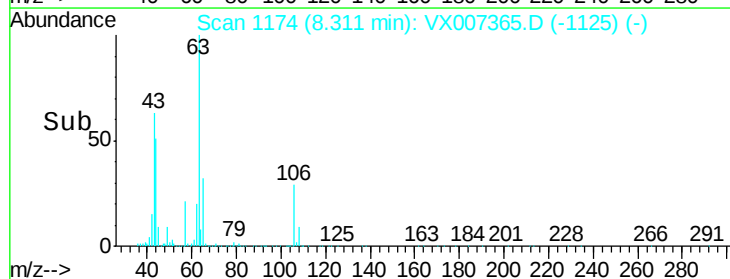
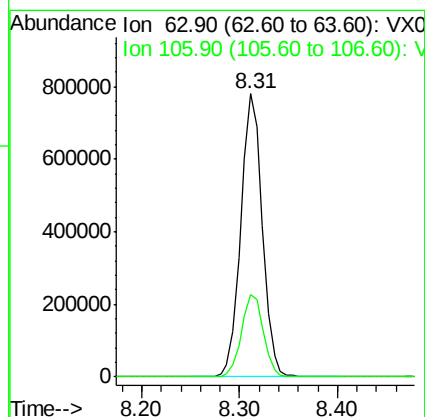
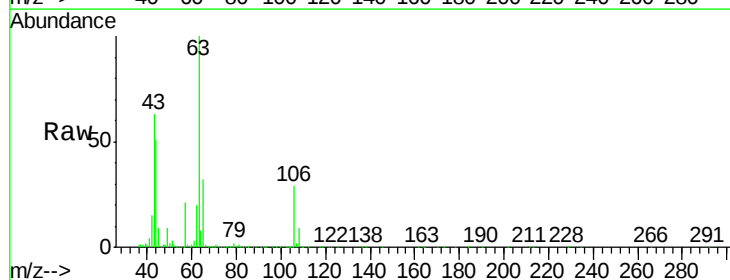
Acq: 05 Feb 2019 09:44

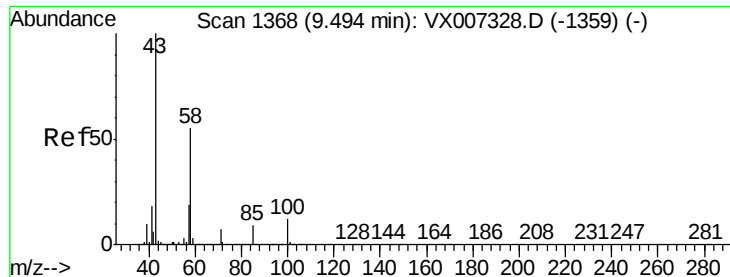
Tgt Ion: 63 Resp: 1188046

Ion Ratio Lower Upper

63 100

106 29.6 23.6 35.4

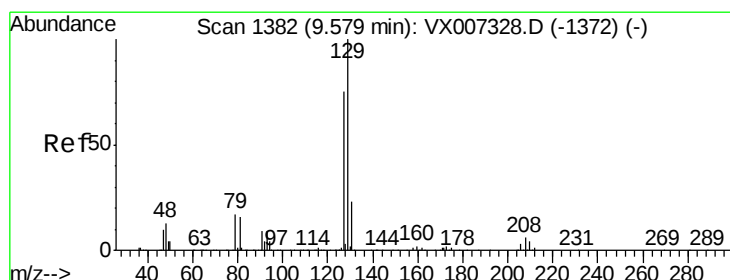
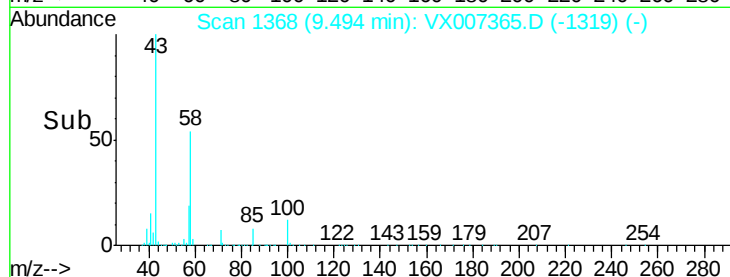
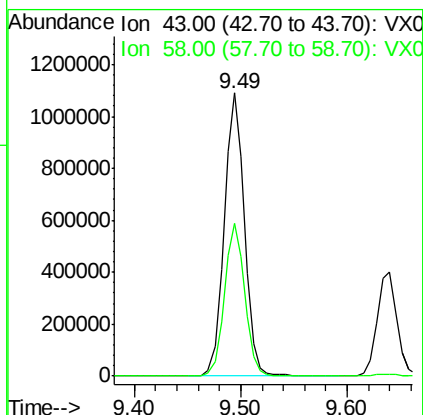
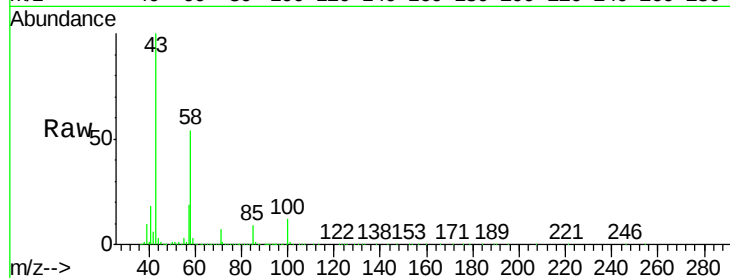




#59
2-Hexanone
Concen: 281.424 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007365.D
Acq: 05 Feb 2019 09:44

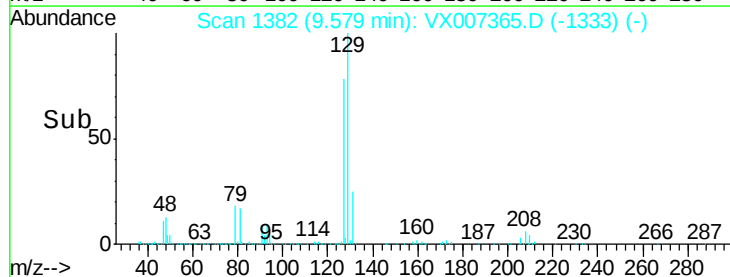
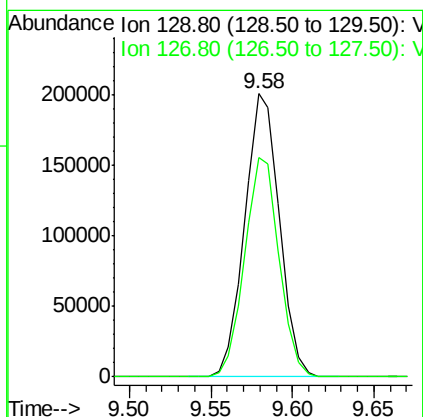
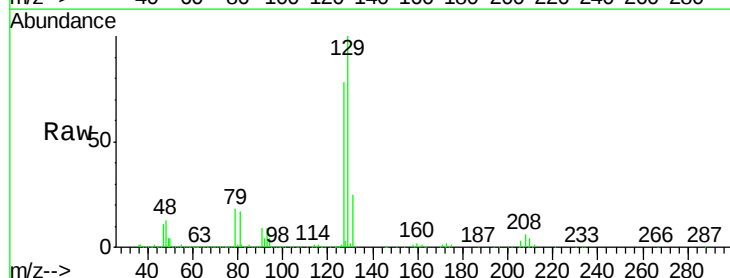
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

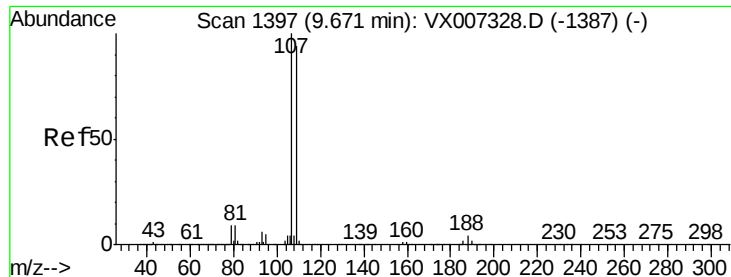
Tot Ion: 43 Resp: 1445113
Ion Ratio Lower Upper
43 100
58 54.1 27.1 81.3



#60
Dibromochloromethane
Concen: 61.848 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX007365.D
Acq: 05 Feb 2019 09:44

Tgt Ion: 129 Resp: 297709
Ion Ratio Lower Upper
129 100
127 76.9 37.8 113.4





#61

1,2-Dibromoethane

Concen: 55.538 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007365.D

Acq: 05 Feb 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

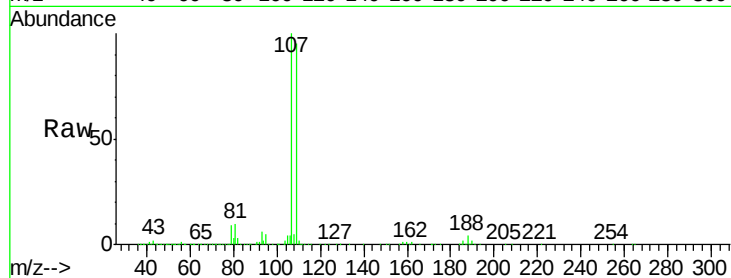
VSTDCCC050

Tot Ion:107 Resp: 299343

Ion Ratio Lower Upper

107 100

109 95.9 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

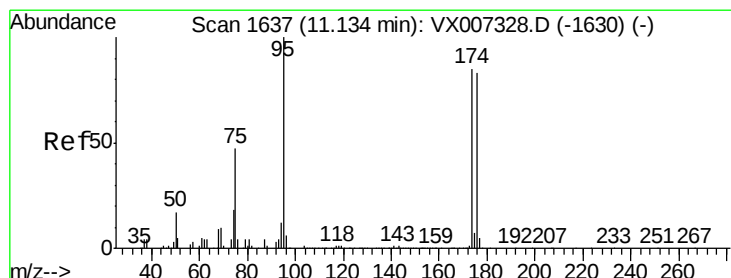
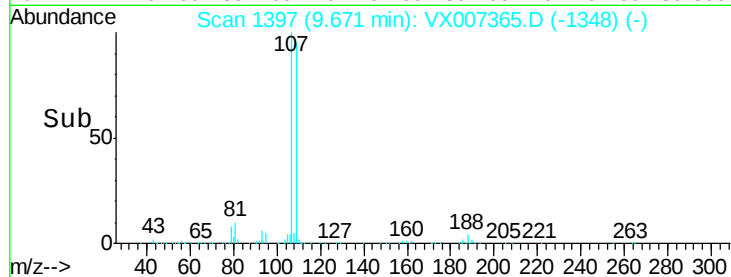
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.978 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007365.D

Acq: 05 Feb 2019 09:44

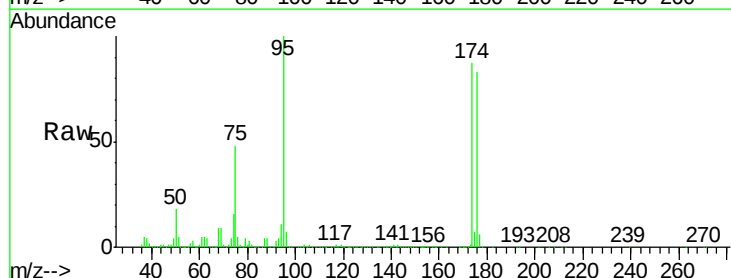
Tgt Ion: 95 Resp: 321715

Ion Ratio Lower Upper

95 100

174 93.9 0.0 189.2

176 91.2 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

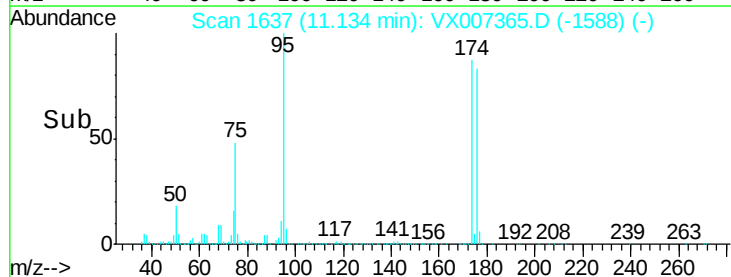
300000

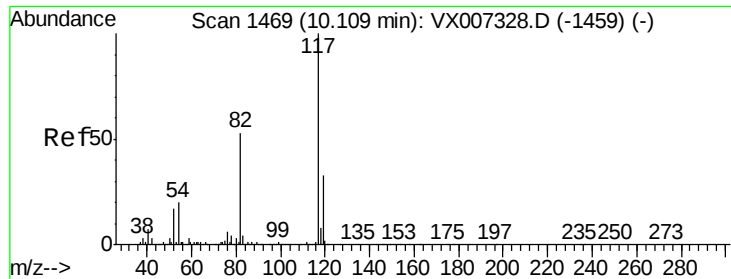
200000

100000

0

Time-->

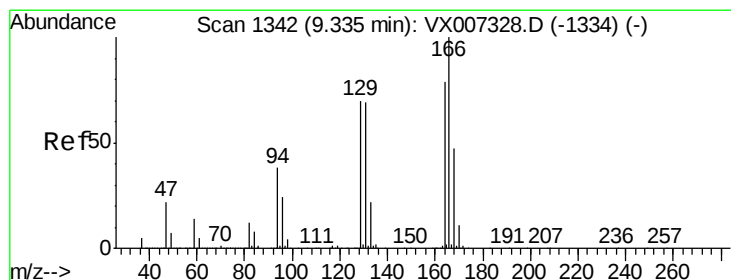
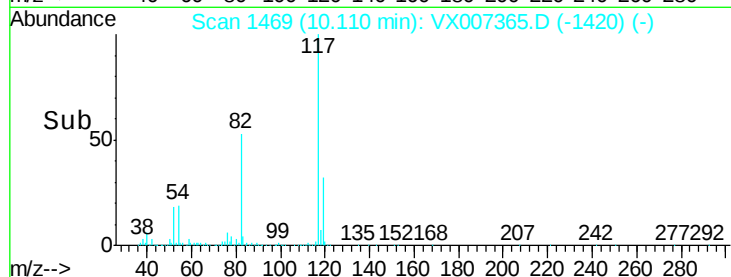
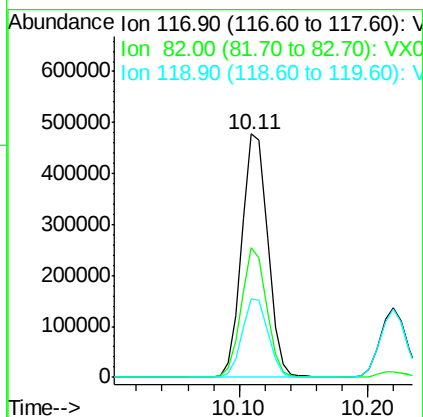
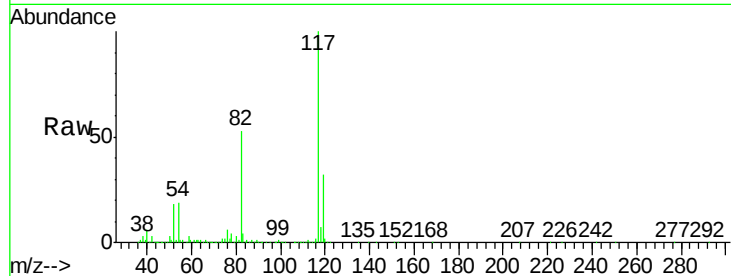




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007365.D
Acq: 05 Feb 2019 09:44

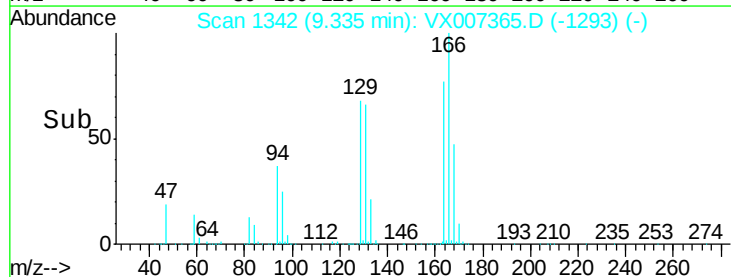
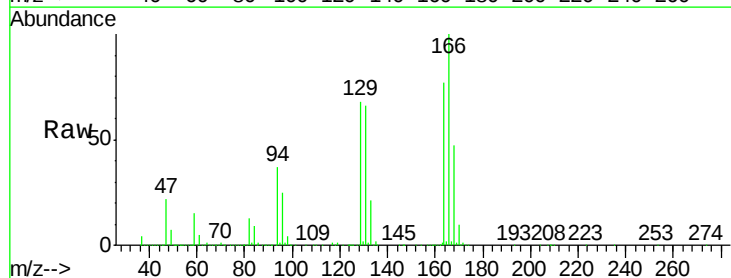
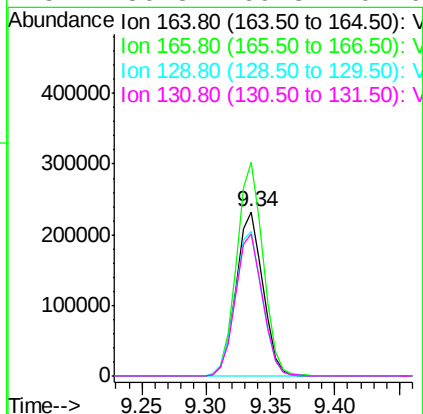
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 668334
Ion Ratio Lower Upper
117 100
82 53.4 42.1 63.1
119 32.4 26.5 39.7



#64
Tetrachloroethene
Concen: 53.198 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007365.D
Acq: 05 Feb 2019 09:44

Tgt Ion:164 Resp: 335107
Ion Ratio Lower Upper
164 100
166 130.2 101.0 151.4
129 88.0 70.5 105.7
131 86.3 69.8 104.6

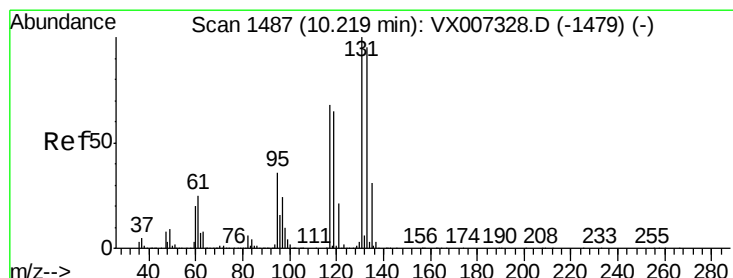
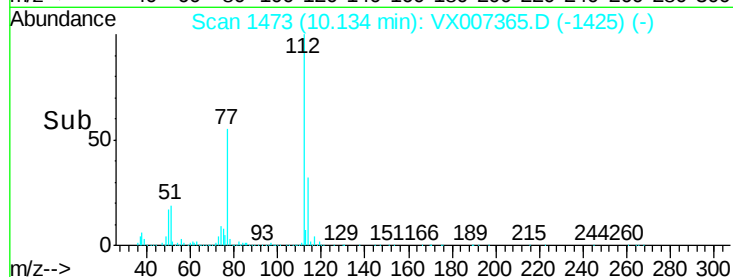
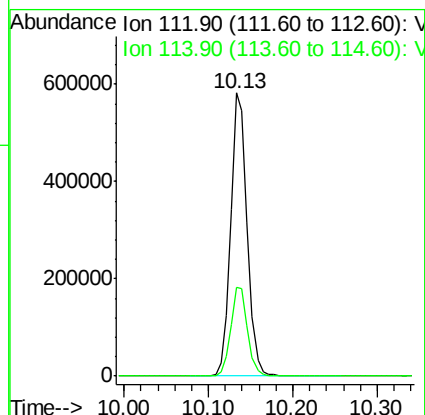
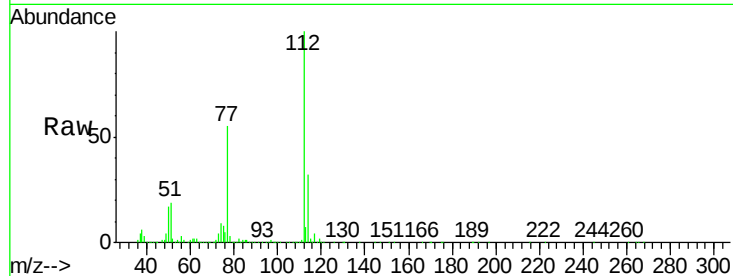




#65
Chlorobenzene
Concen: 53.339 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX007365.D
Acq: 05 Feb 2019 09:44

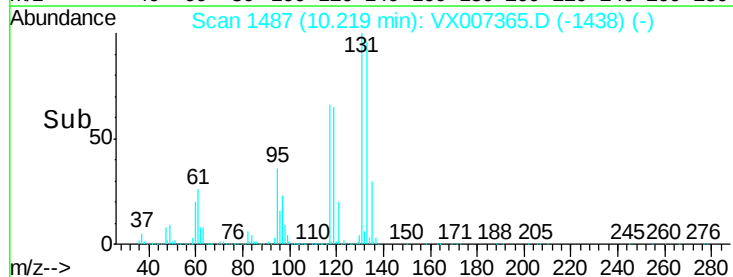
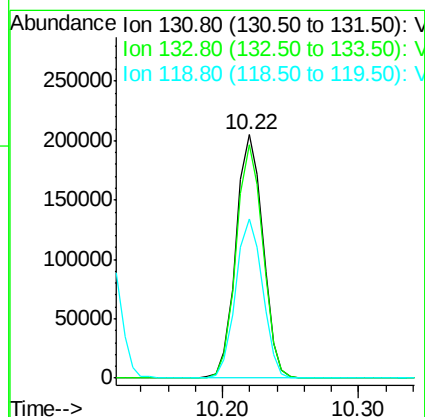
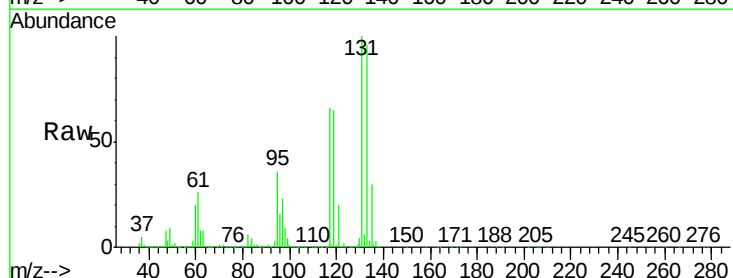
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

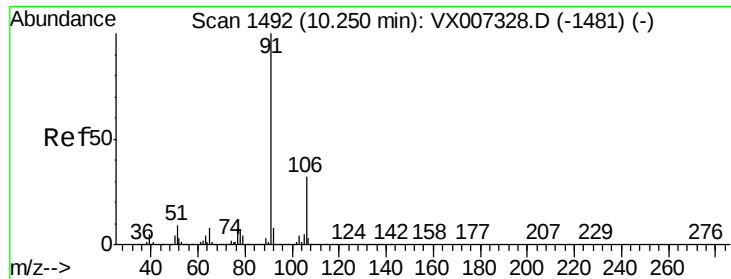
Tot Ion:112 Resp: 777917
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 57.901 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX007365.D
Acq: 05 Feb 2019 09:44

Tgt Ion:131 Resp: 283116
Ion Ratio Lower Upper
131 100
133 95.2 48.0 144.2
119 65.4 32.0 96.0





#67

Ethyl Benzene

Concen: 55.115 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007365.D

Acq: 05 Feb 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

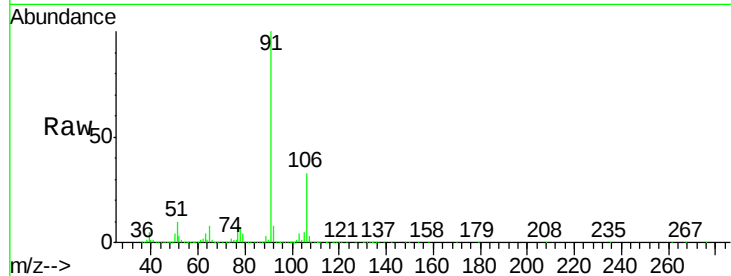
VSTDCCC050

Tot Ion: 91 Resp: 1294440

Ion Ratio Lower Upper

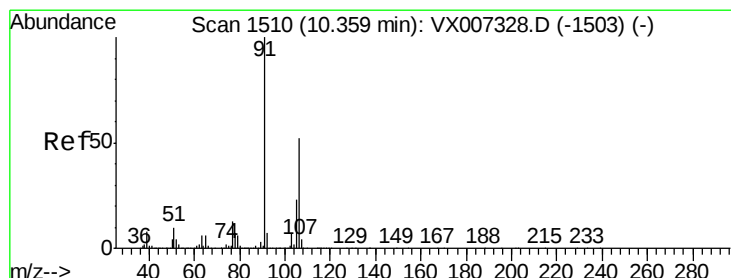
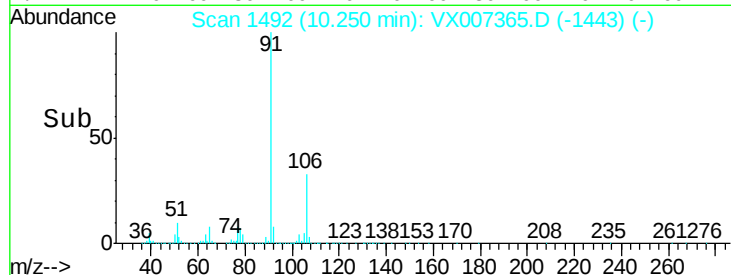
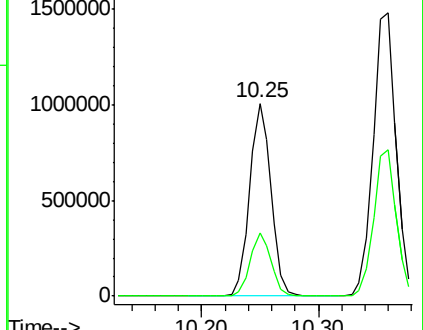
91 100

106 32.5 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX007328.D (-1481) (-)

Ion 106.00 (105.70 to 106.70): VX007328.D (-1481) (-)



#68

m/p-Xylenes

Concen: 110.797 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007365.D

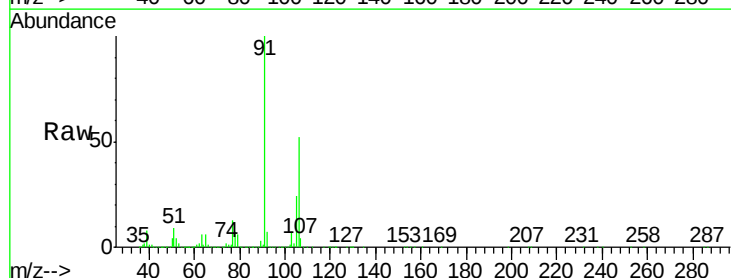
Acq: 05 Feb 2019 09:44

Tgt Ion: 106 Resp: 1034410

Ion Ratio Lower Upper

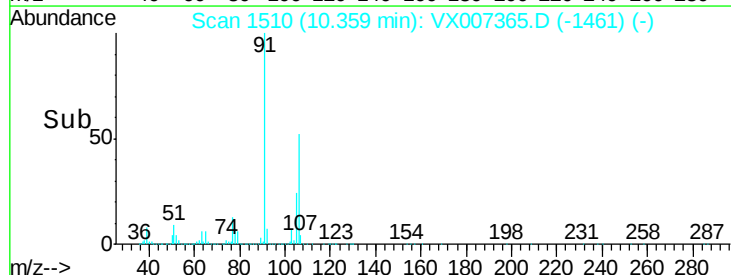
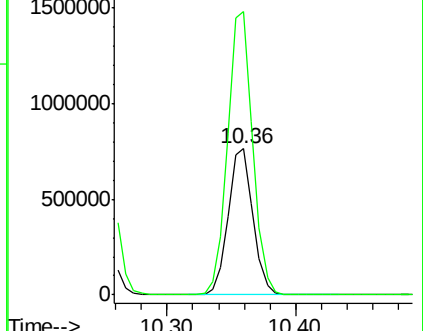
106 100

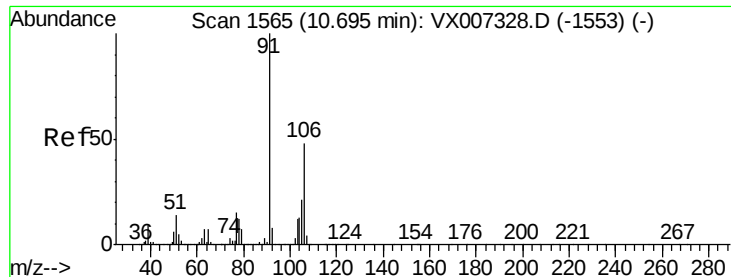
91 195.4 156.6 234.8



Abundance Ion 106.00 (105.70 to 106.70): VX007328.D (-1503) (-)

Ion 91.00 (90.70 to 91.70): VX007328.D (-1503) (-)

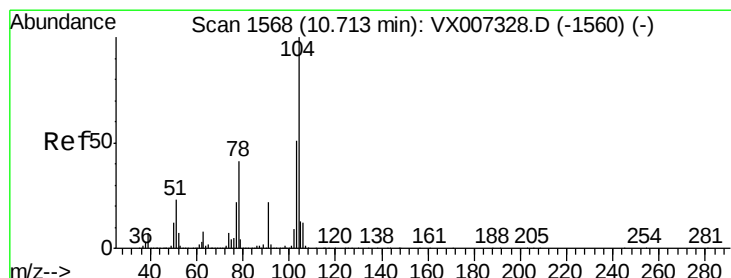
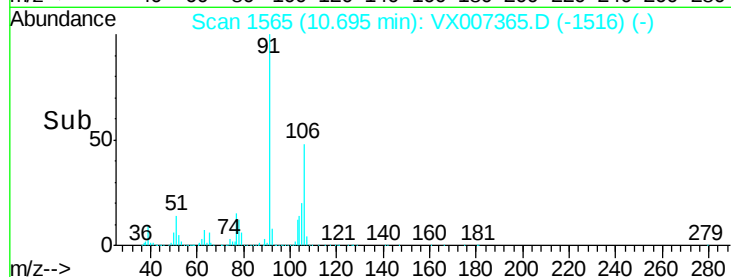
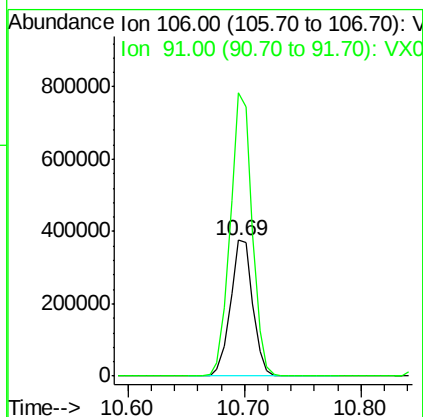
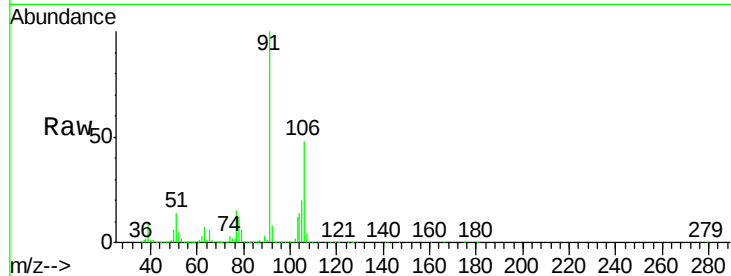




#69
o-Xylene
Concen: 55.534 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX007365.D
Acq: 05 Feb 2019 09:44

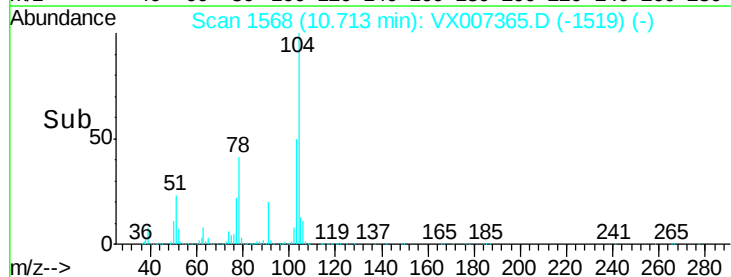
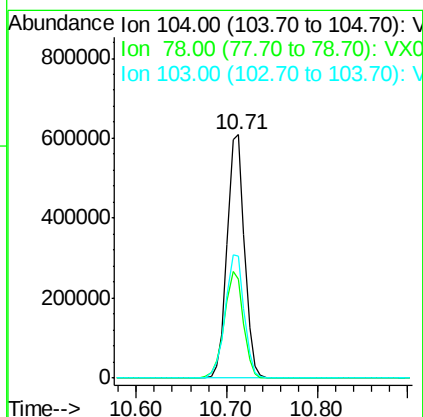
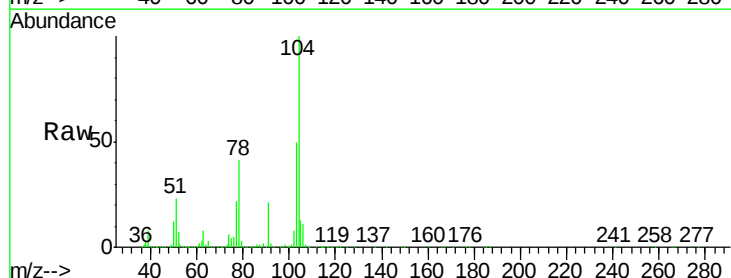
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

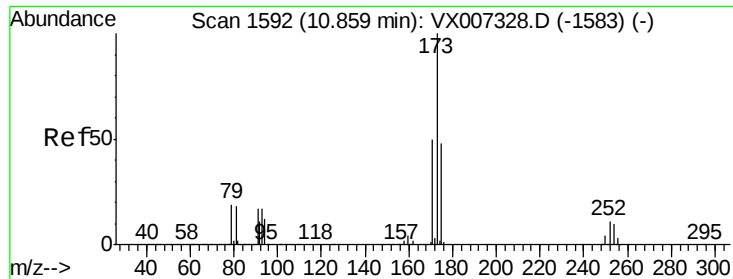
Tot Ion:106 Resp: 498900
Ion Ratio Lower Upper
106 100
91 205.7 102.9 308.7



#70
Styrene
Concen: 55.765 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007365.D
Acq: 05 Feb 2019 09:44

Tgt Ion:104 Resp: 812458
Ion Ratio Lower Upper
104 100
78 48.1 38.3 57.5
103 55.3 44.6 67.0





#71

Bromoform

Concen: 53.307 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007365.D

Acq: 05 Feb 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

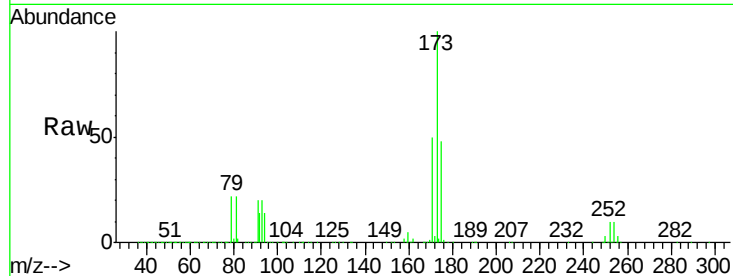
Tot Ion:173 Resp: 229858

Ion Ratio Lower Upper

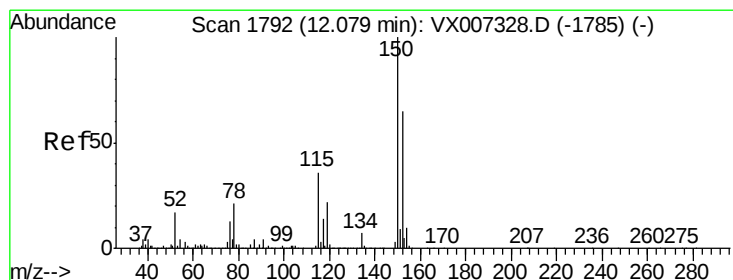
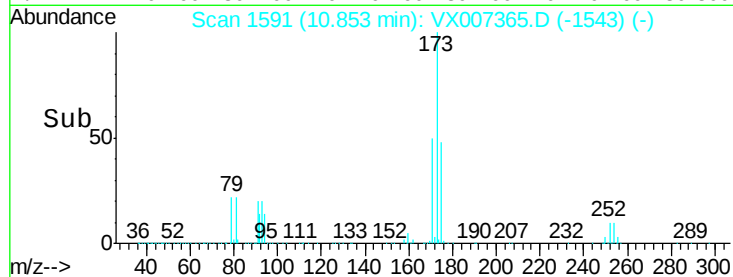
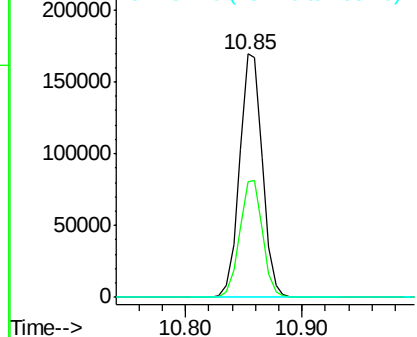
173 100

175 48.2 24.2 72.6

254 0.2 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007365.D

Acq: 05 Feb 2019 09:44

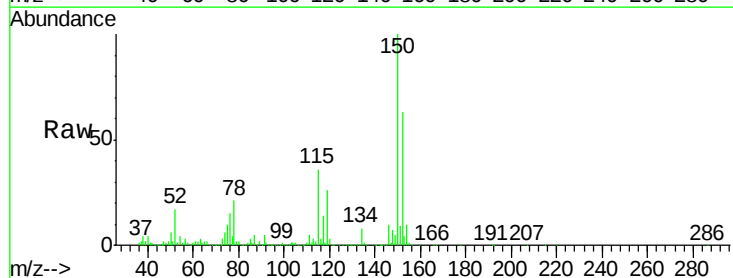
Tgt Ion:152 Resp: 357823

Ion Ratio Lower Upper

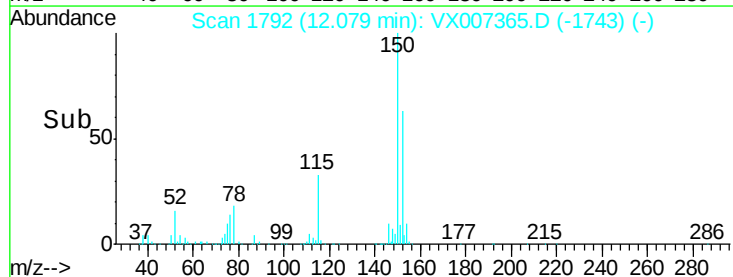
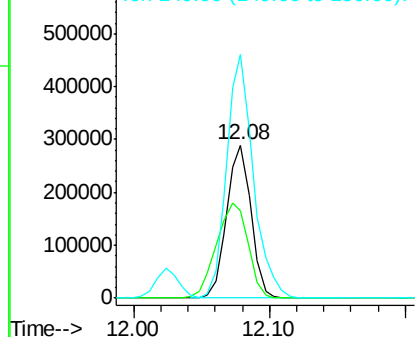
152 100

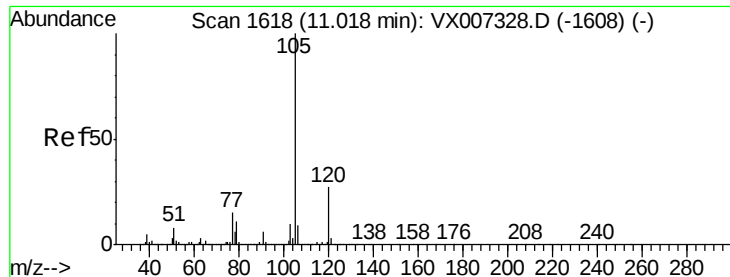
115 80.4 38.0 114.0

150 174.8 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: 55.002 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007365.D

Acq: 05 Feb 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

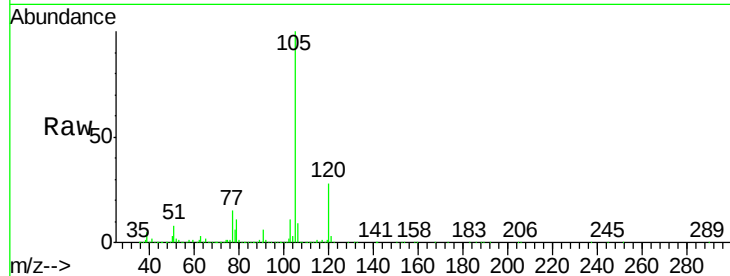
VSTDCCC050

Tot Ion:105 Resp: 1337419

Ion Ratio Lower Upper

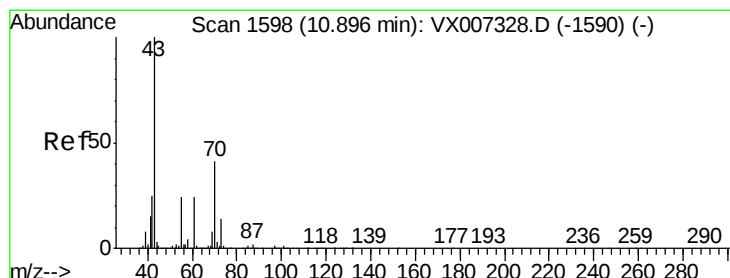
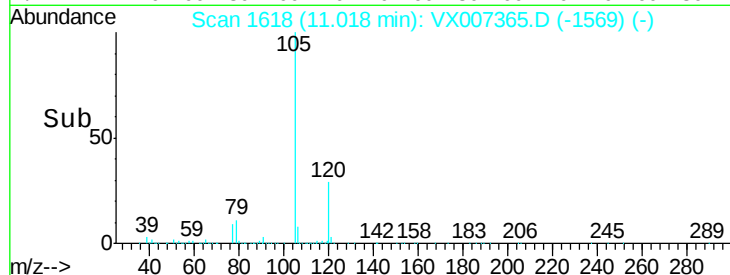
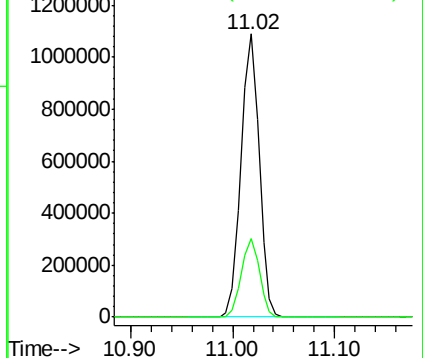
105 100

120 27.7 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.197 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007365.D

Acq: 05 Feb 2019 09:44

Tgt Ion: 43 Resp: 509729

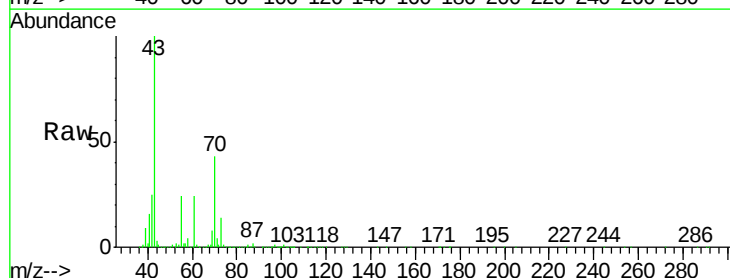
Ion Ratio Lower Upper

43 100

70 43.1 33.8 50.6

55 24.7 19.5 29.3

61 24.7 19.4 29.2

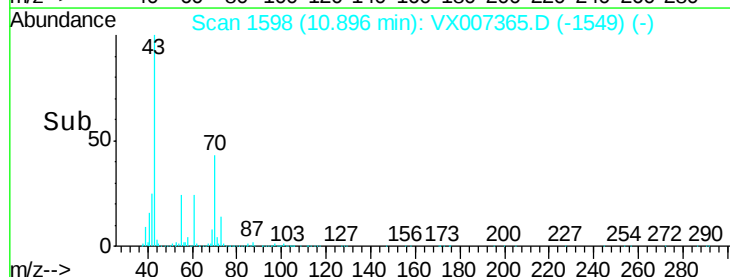
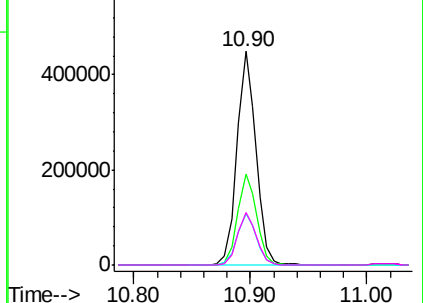


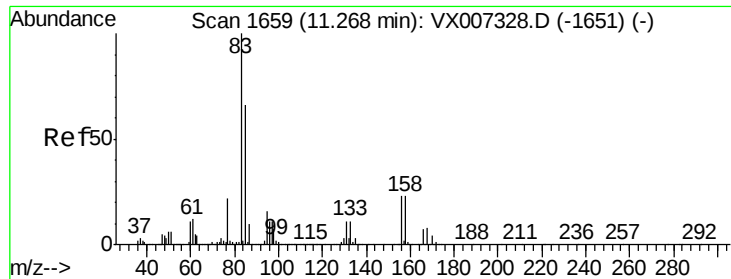
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 53.008 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007365.D

Acq: 05 Feb 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

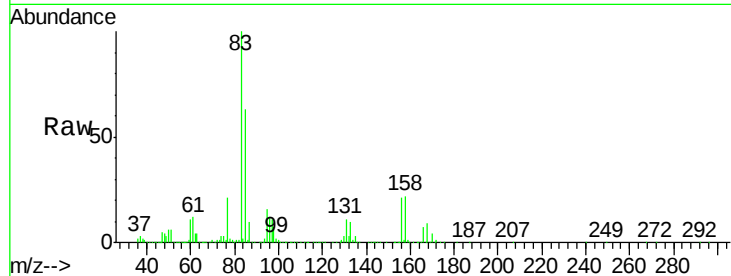
Tot Ion: 83 Resp: 392818

Ion Ratio Lower Upper

83 100

131 11.0 5.7 17.0

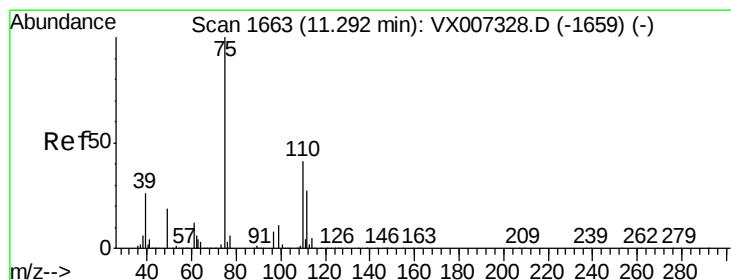
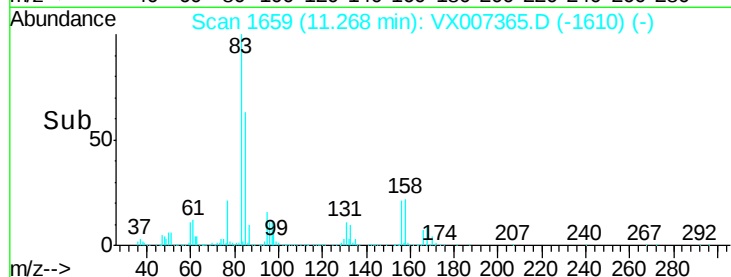
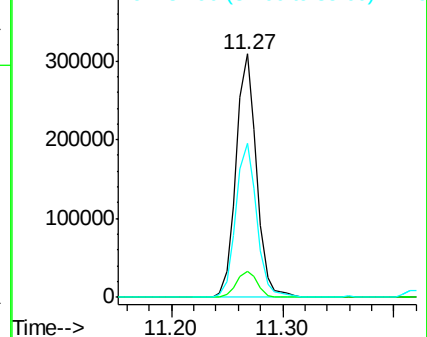
85 64.8 32.8 98.3



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: 67.679 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.01 min

Lab File: VX007365.D

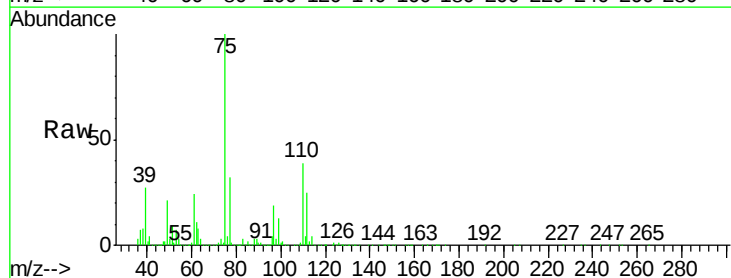
Acq: 05 Feb 2019 09:44

Tgt Ion: 75 Resp: 471056

Ion Ratio Lower Upper

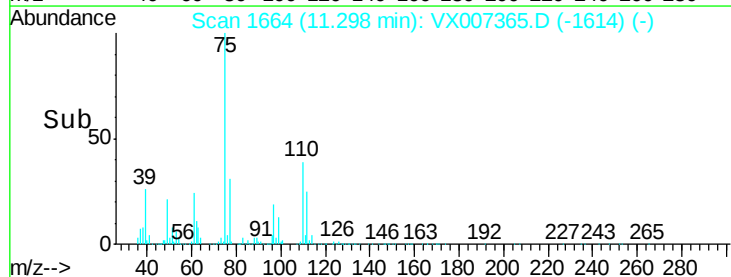
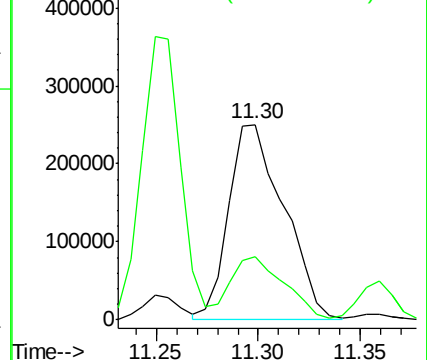
75 100

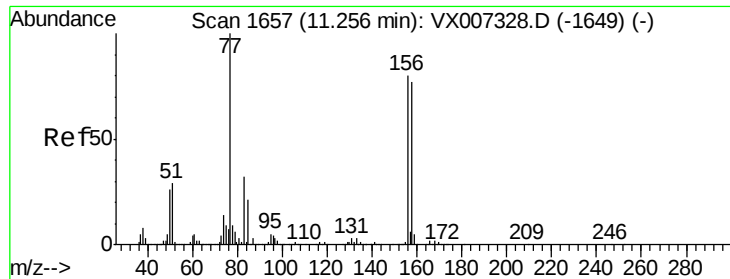
77 32.0 23.0 69.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.506 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007365.D

Acq: 05 Feb 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

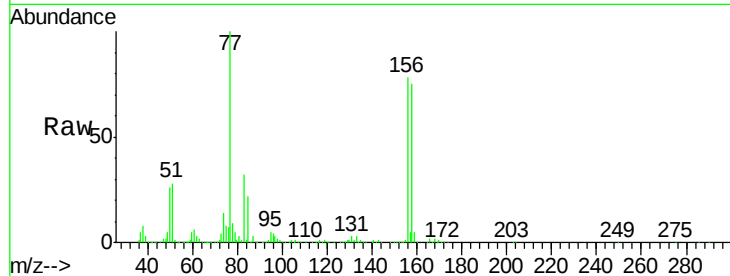
Tot Ion:156 Resp: 359725

Ion Ratio Lower Upper

156 100

77 133.1 66.8 200.6

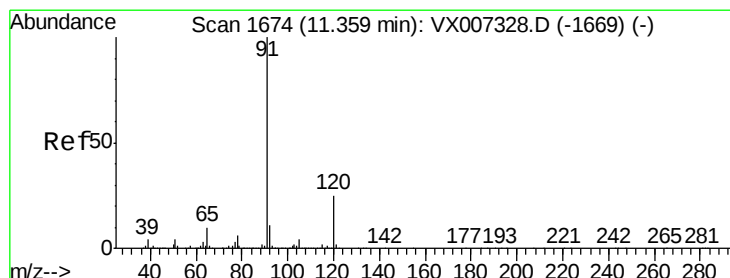
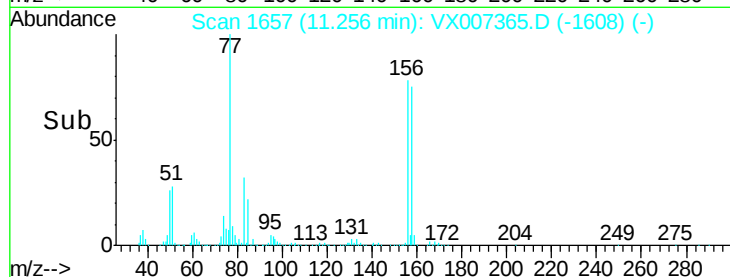
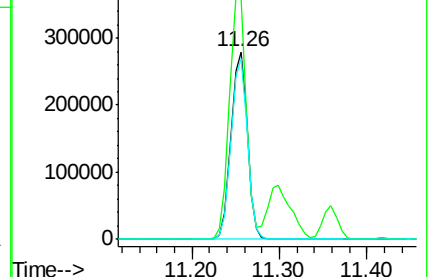
158 96.7 47.9 143.8



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: 57.167 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007365.D

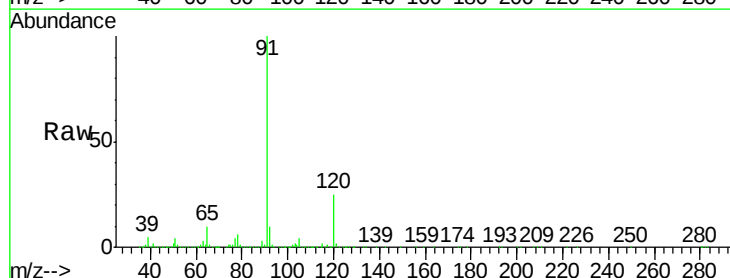
Acq: 05 Feb 2019 09:44

Tgt Ion: 91 Resp: 1524294

Ion Ratio Lower Upper

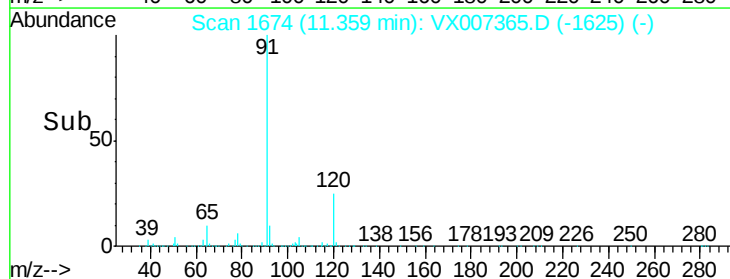
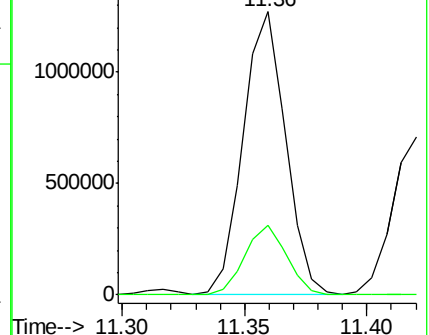
91 100

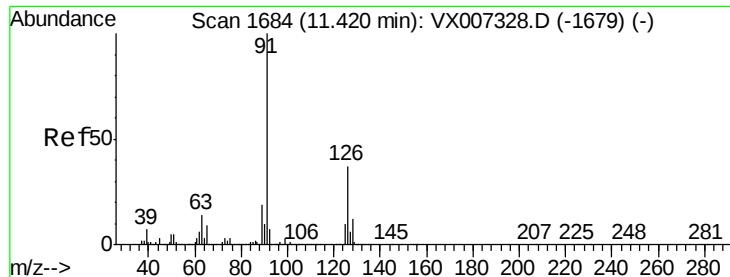
120 24.6 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.666 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007365.D

Acq: 05 Feb 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

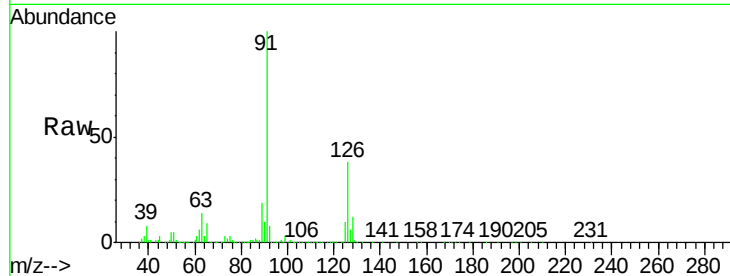
VSTDCCC050

Tot Ion: 91 Resp: 868274

Ion Ratio Lower Upper

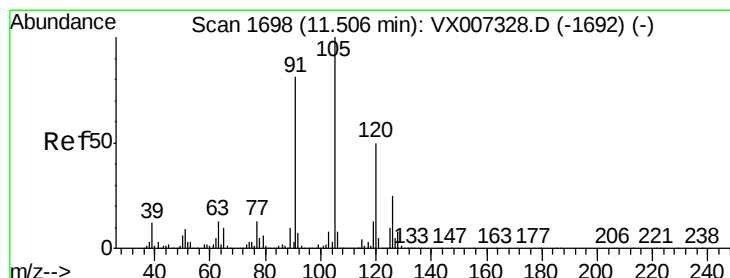
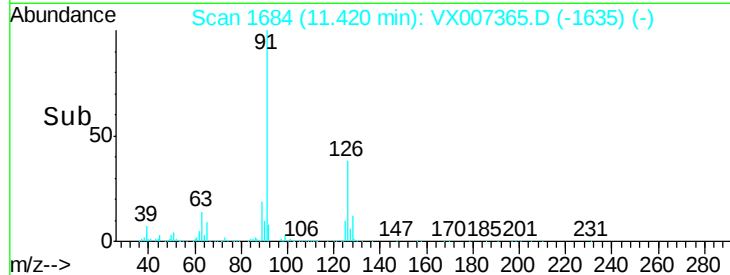
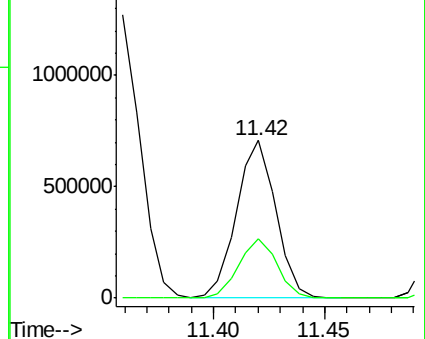
91 100

126 37.1 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: 56.000 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007365.D

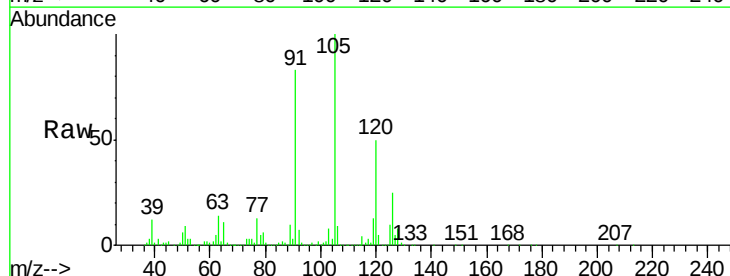
Acq: 05 Feb 2019 09:44

Tgt Ion: 105 Resp: 1114033

Ion Ratio Lower Upper

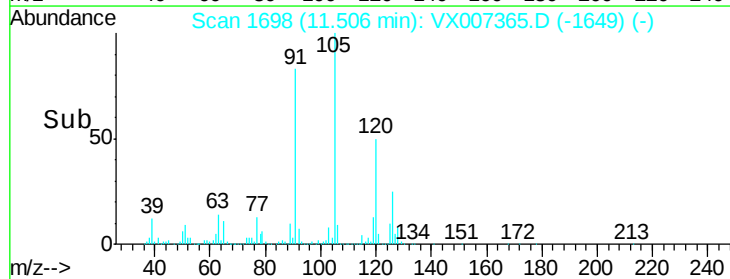
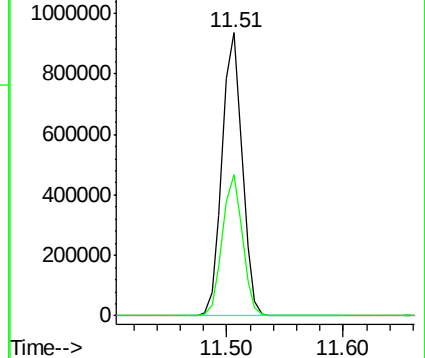
105 100

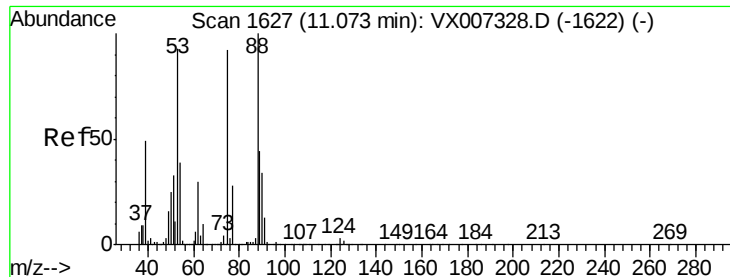
120 49.7 25.3 75.8



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: 54.128 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007365.D

Acq: 05 Feb 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

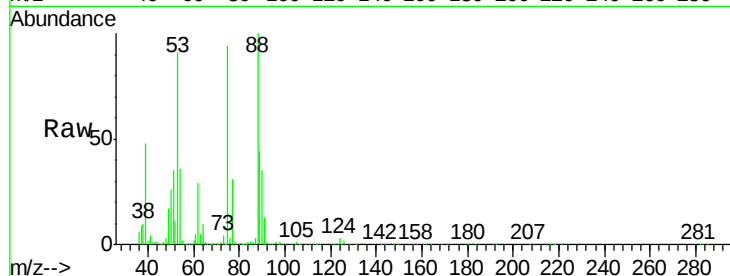
Tot Ion: 75 Resp: 122744

Ion Ratio Lower Upper

75 100

53 98.2 81.0 121.6

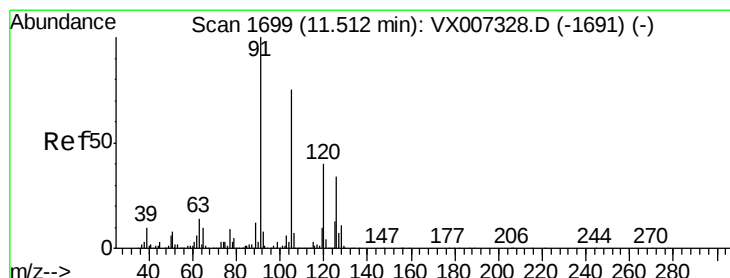
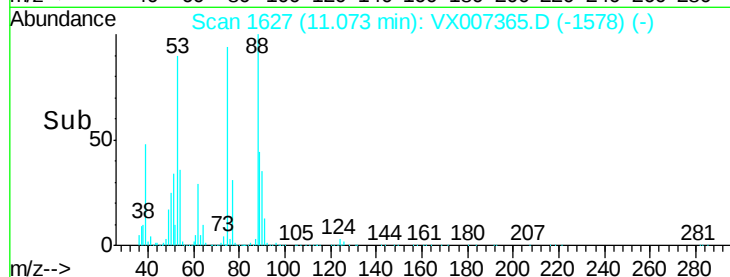
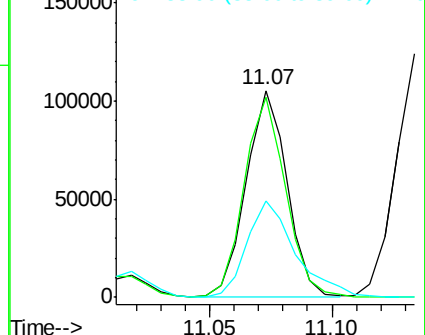
89 55.8 41.4 62.0



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: 54.915 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX007365.D

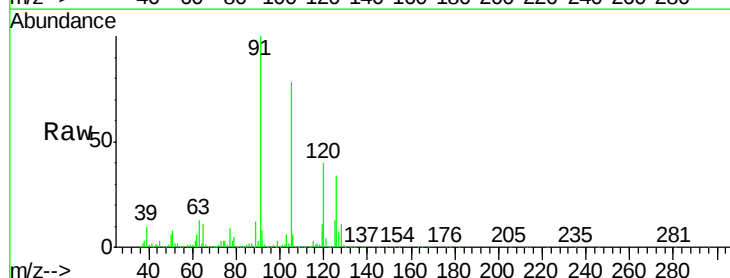
Acq: 05 Feb 2019 09:44

Tgt Ion: 91 Resp: 1028059

Ion Ratio Lower Upper

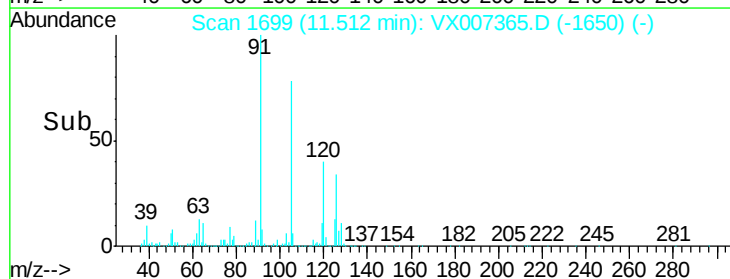
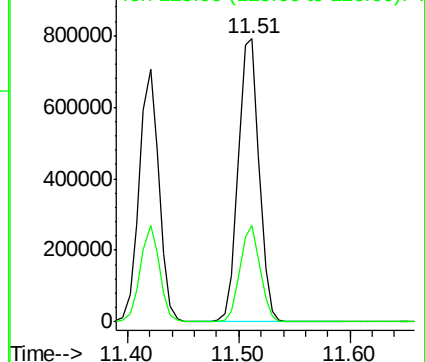
91 100

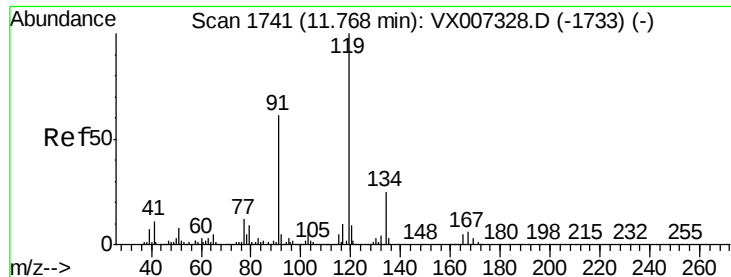
126 32.6 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 54.802 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX007365.D

Acq: 05 Feb 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

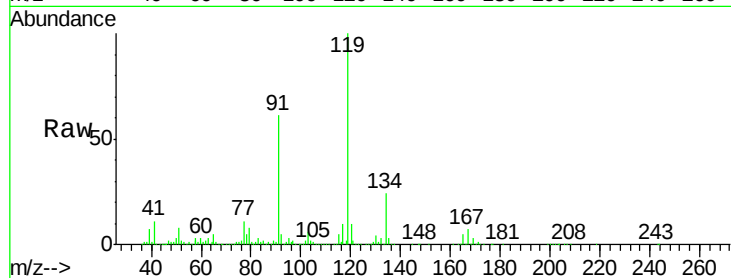
Tot Ion:119 Resp: 1079352

Ion Ratio Lower Upper

119 100

91 57.1 28.5 85.6

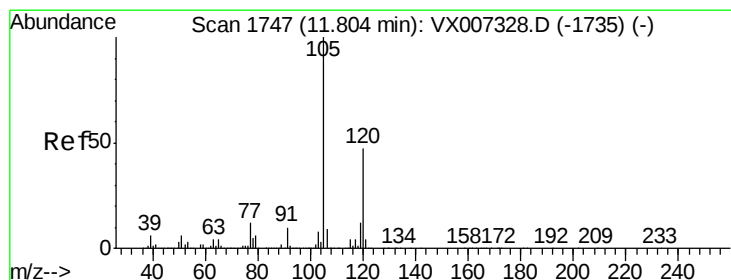
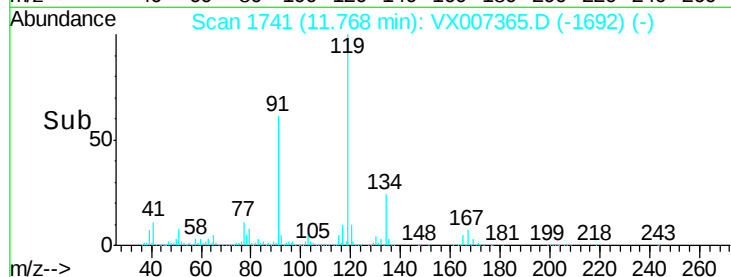
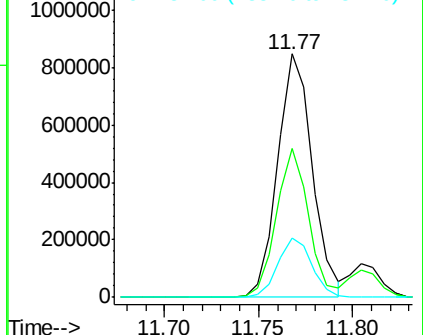
134 24.0 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 55.867 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX007365.D

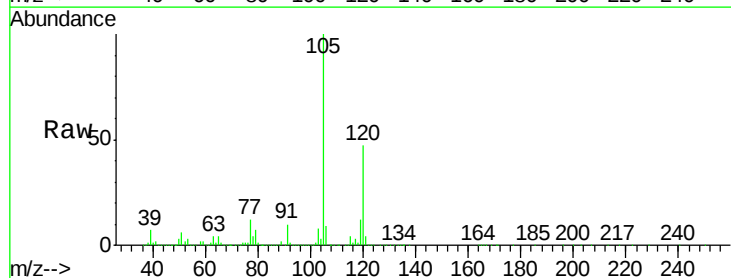
Acq: 05 Feb 2019 09:44

Tgt Ion:105 Resp: 1128321

Ion Ratio Lower Upper

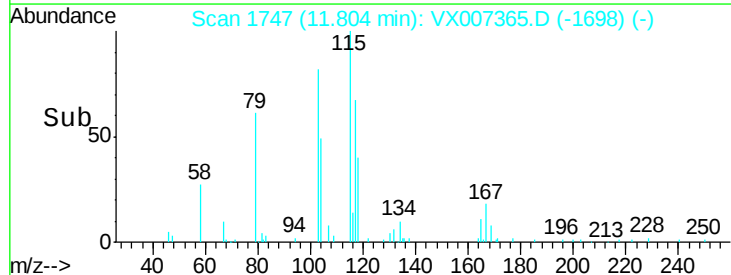
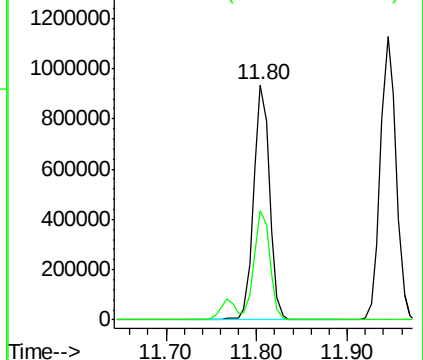
105 100

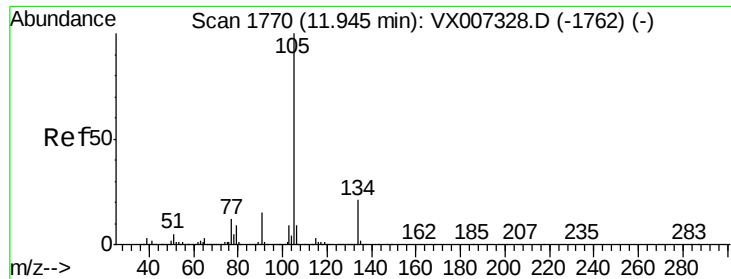
120 46.1 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 56.930 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007365.D

Acq: 05 Feb 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

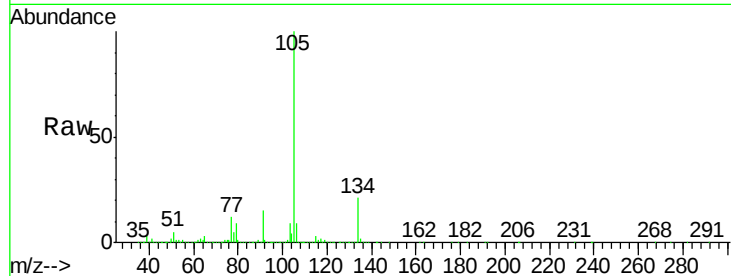
VSTDCCC050

Tot Ion:105 Resp: 1357102

Ion Ratio Lower Upper

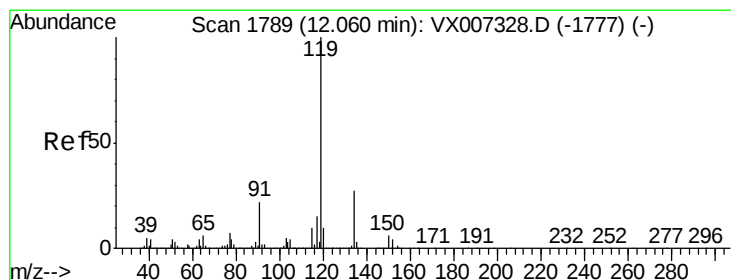
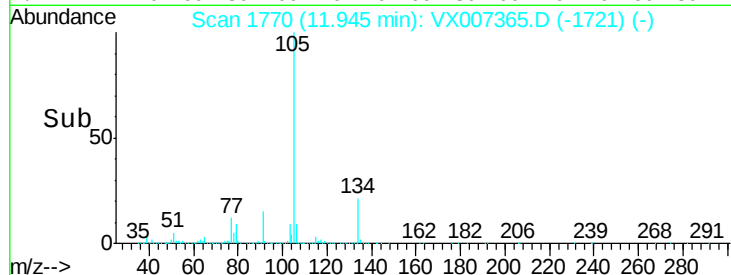
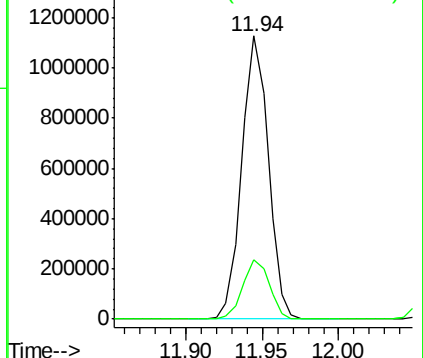
105 100

134 21.0 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: 56.746 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007365.D

Acq: 05 Feb 2019 09:44

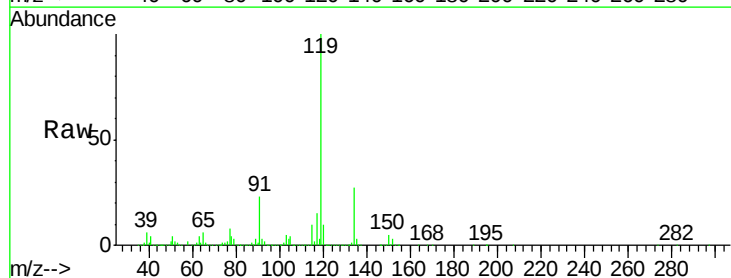
Tgt Ion:119 Resp: 1221098

Ion Ratio Lower Upper

119 100

134 27.4 13.7 41.1

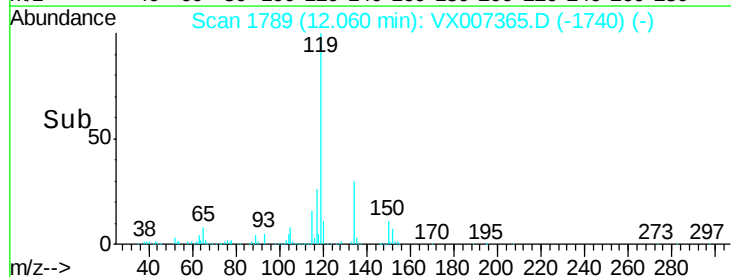
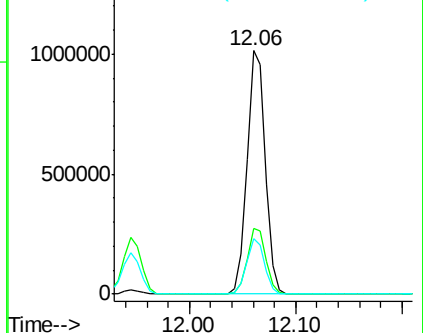
91 22.4 11.2 33.5



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): V

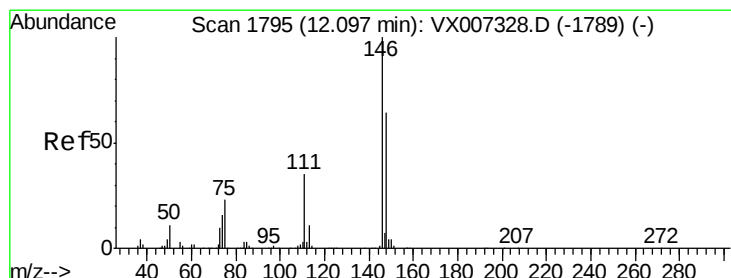
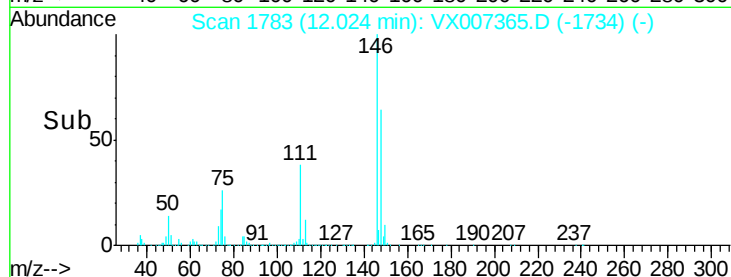
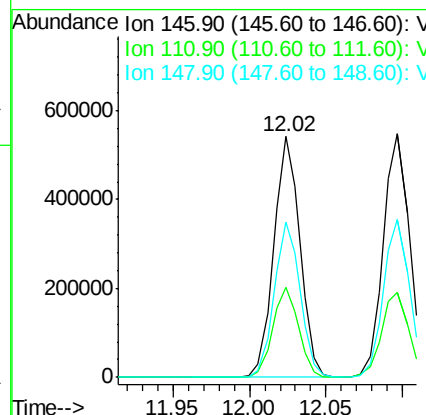
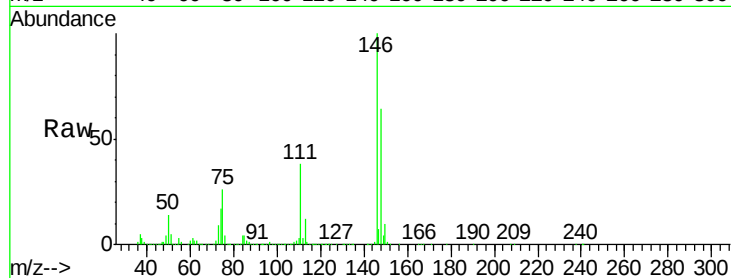




#87
 1,3-Dichlorobenzene
 Concen: 52.453 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007365.D
 Acq: 05 Feb 2019 09:44

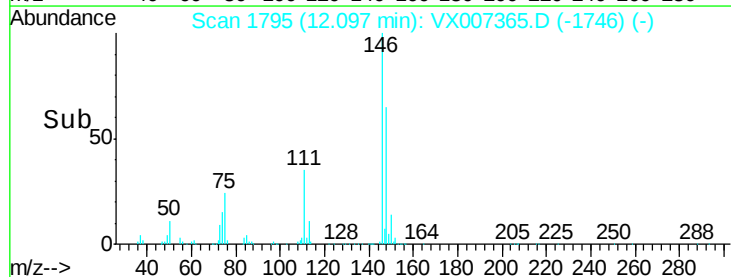
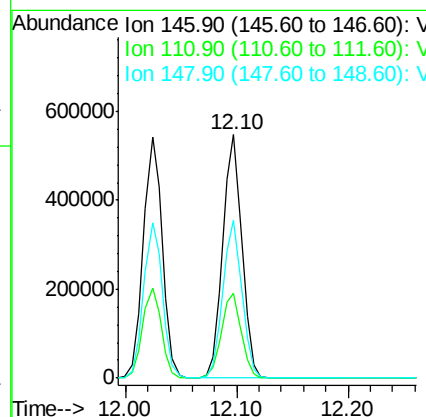
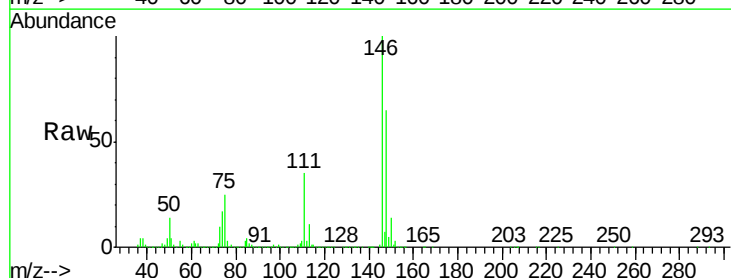
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

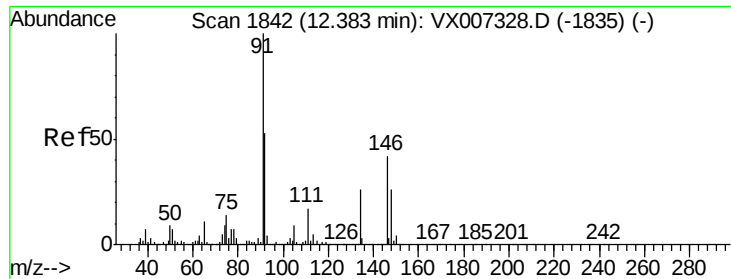
Tot Ion:146 Resp: 644938
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.1 54.1
 148 64.2 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 52.221 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007365.D
 Acq: 05 Feb 2019 09:44

Tgt Ion:146 Resp: 651418
 Ion Ratio Lower Upper
 146 100
 111 36.3 18.1 54.1
 148 65.0 32.3 96.9





#89

n-Butylbenzene

Concen: 57.717 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.01 min

Lab File: VX007365.D

Acq: 05 Feb 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

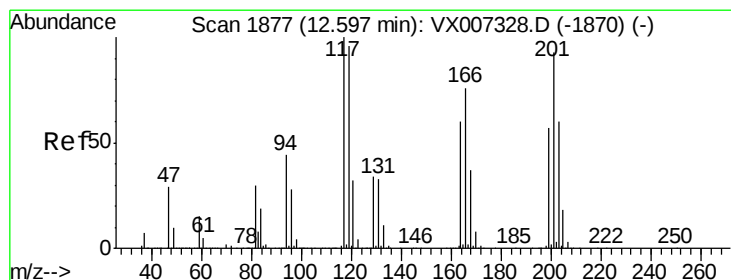
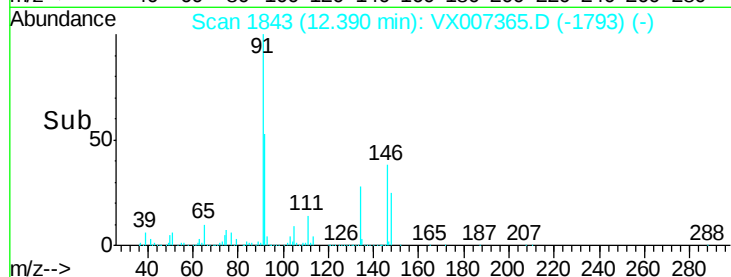
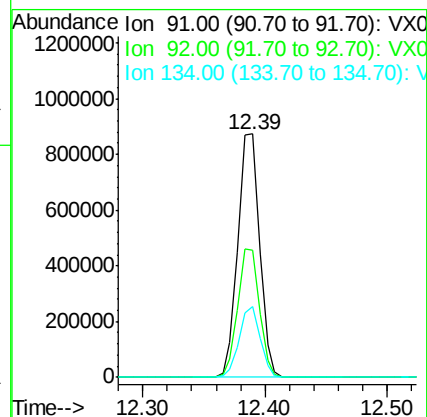
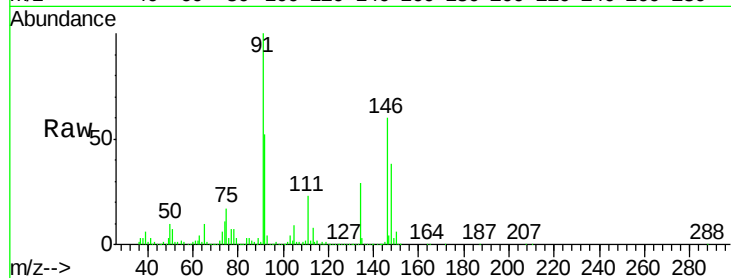
Tot Ion: 91 Resp: 1068407

Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.3	78.9
134	28.0	13.9	41.6

91 100

92 52.5 26.3 78.9

134 28.0 13.9 41.6



#90

Hexachloroethane

Concen: 61.104 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX007365.D

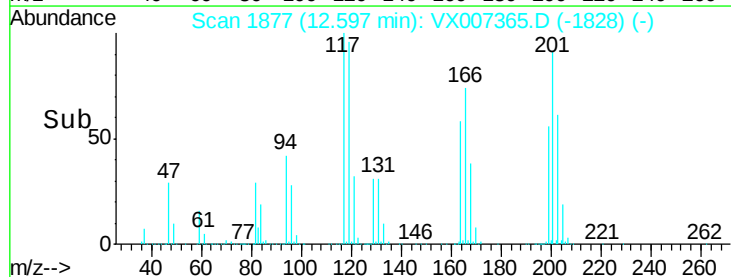
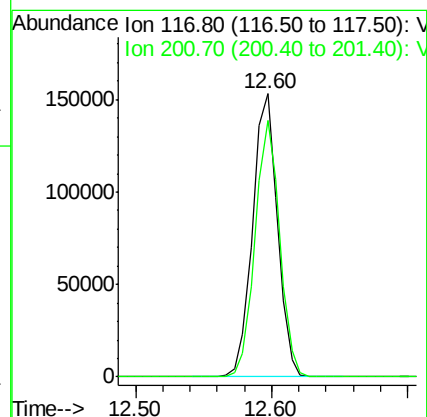
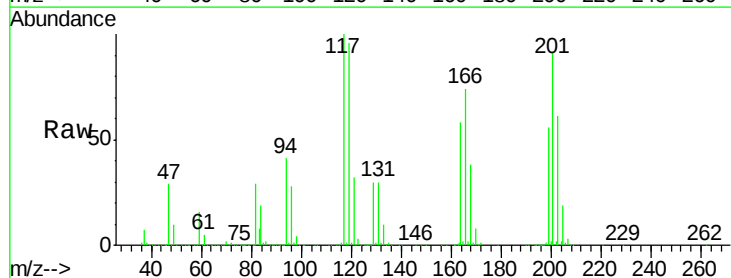
Acq: 05 Feb 2019 09:44

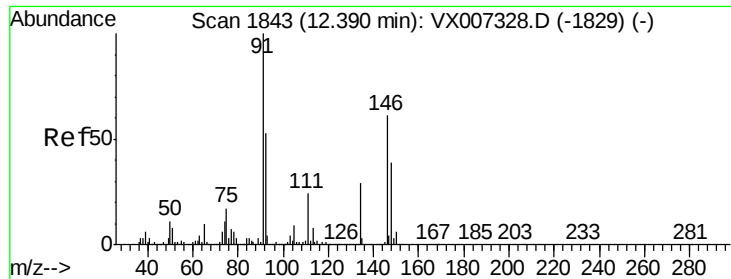
Tgt Ion: 117 Resp: 196788

Ion	Ratio	Lower	Upper
117	100		
201	89.4	44.9	134.7

117 100

201 89.4 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 52.004 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007365.D

Acq: 05 Feb 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

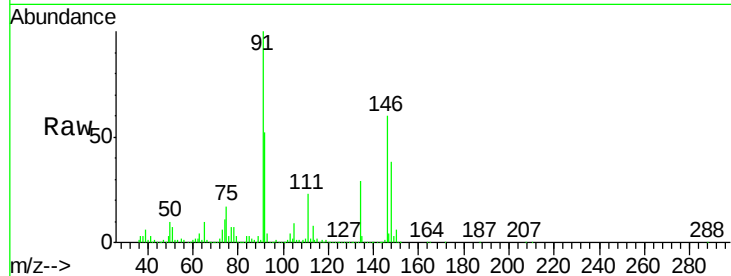
Tot Ion:146 Resp: 636337

Ion Ratio Lower Upper

146 100

111 38.4 19.1 57.3

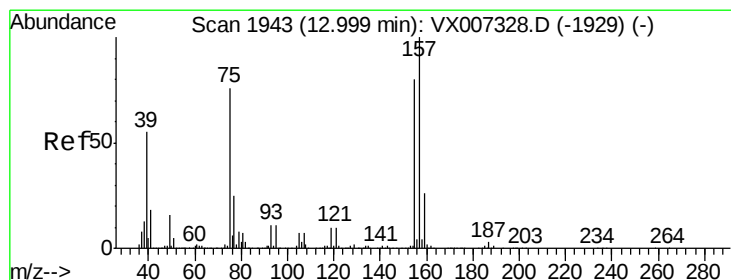
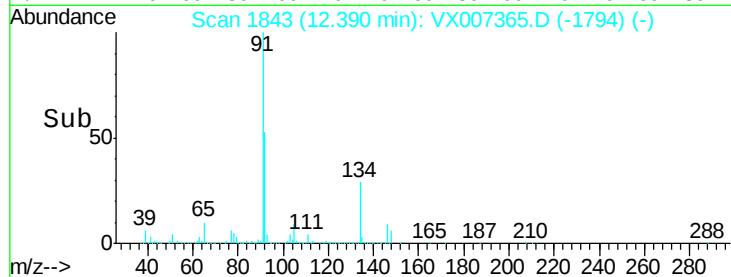
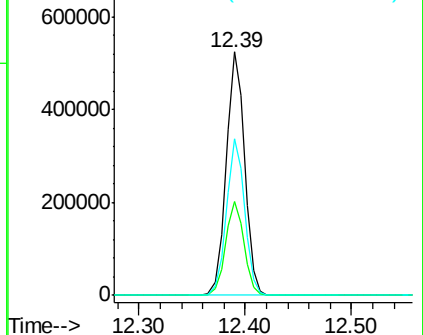
148 63.4 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 55.706 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX007365.D

Acq: 05 Feb 2019 09:44

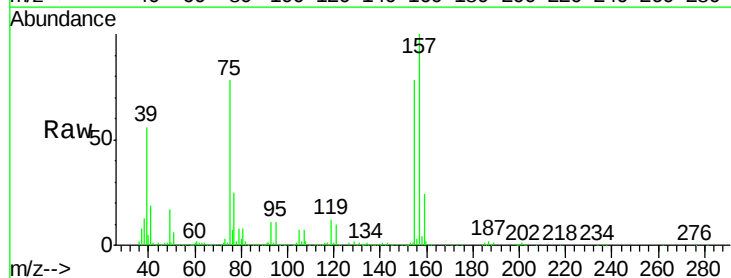
Tgt Ion: 75 Resp: 85836

Ion Ratio Lower Upper

75 100

155 101.8 49.6 149.0

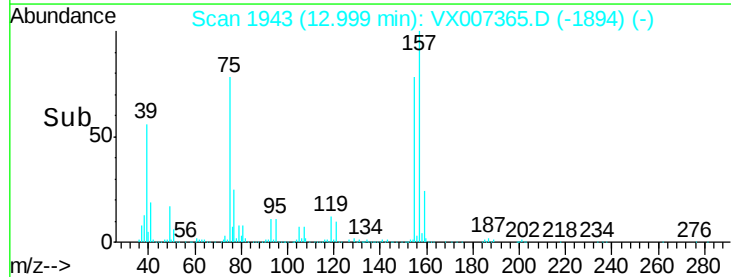
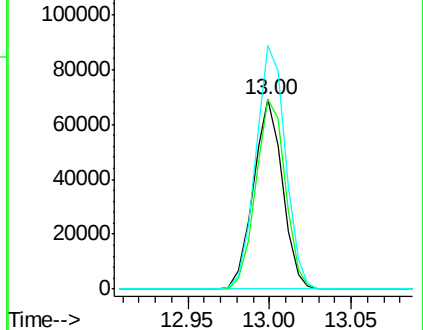
157 131.4 65.1 195.3

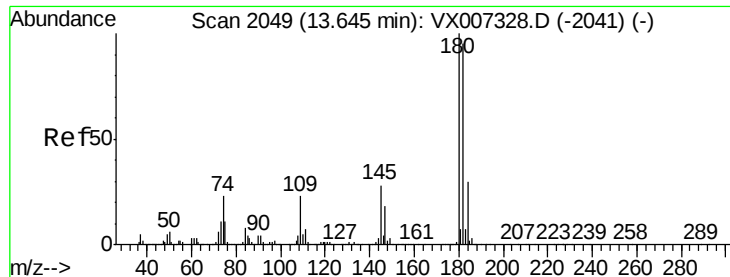


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

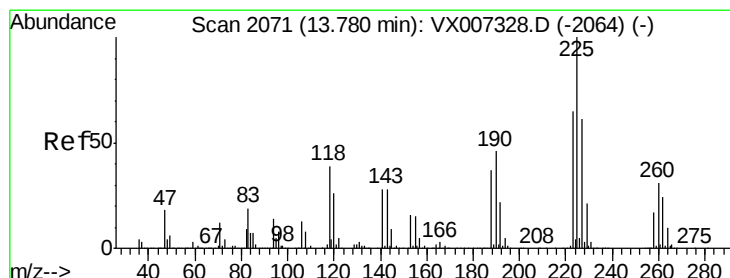
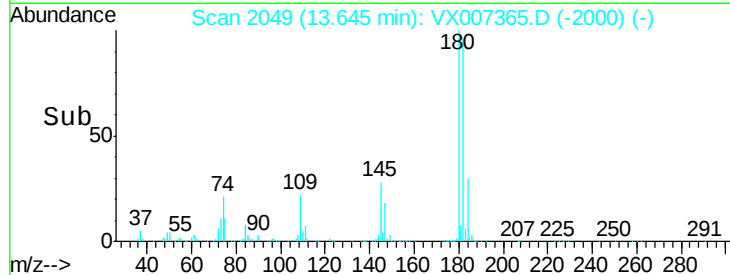
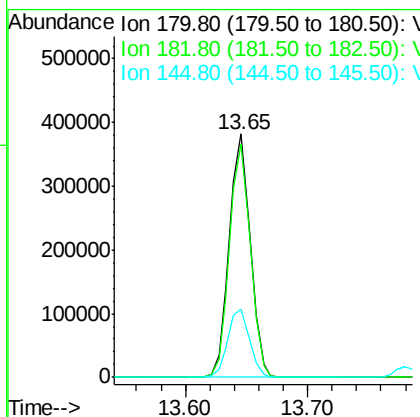
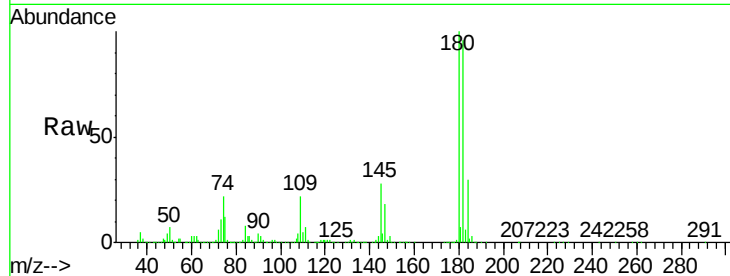




#93
 1,2,4-Trichlorobenzene
 Concen: 54.765 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007365.D
 Acq: 05 Feb 2019 09:44

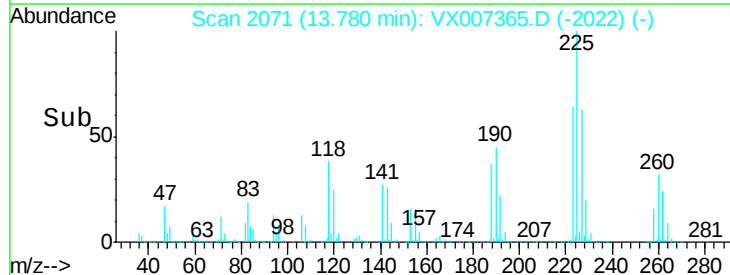
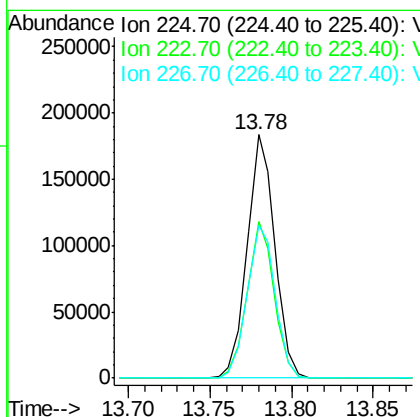
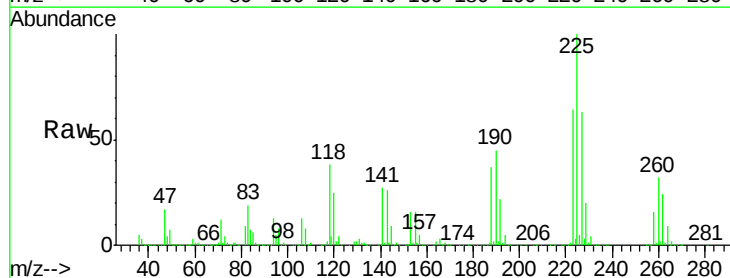
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

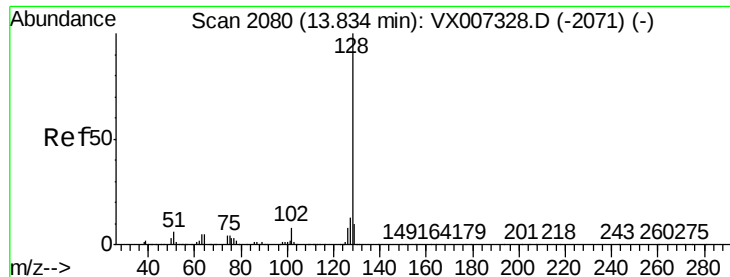
Tot Ion:180 Resp: 451923
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.8 143.3
 145 28.9 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 54.057 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007365.D
 Acq: 05 Feb 2019 09:44

Tgt Ion:225 Resp: 216606
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.6 94.8
 227 64.1 32.1 96.3

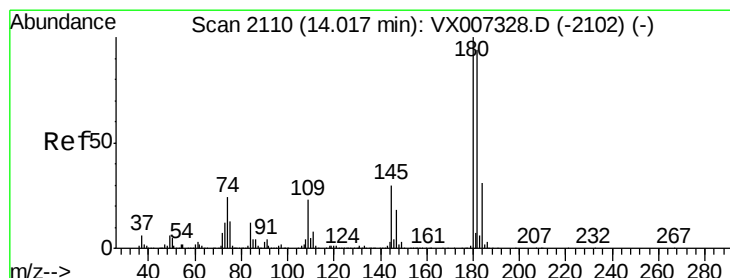
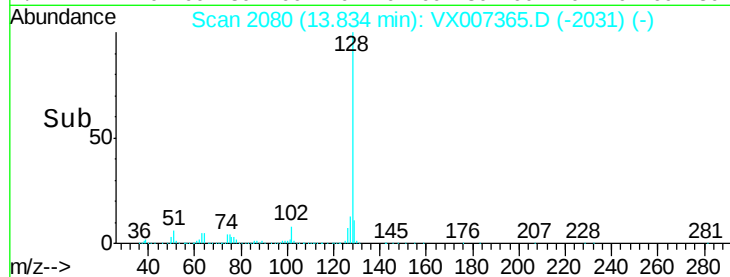
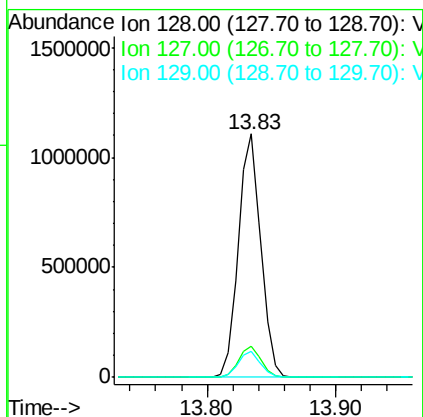
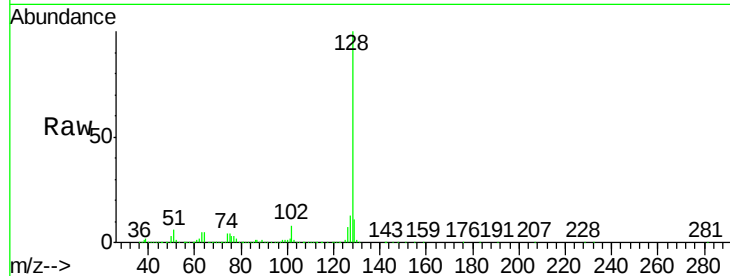




#95
Naphthalene
Concen: 55.341 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007365.D
Acq: 05 Feb 2019 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 1335468
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 53.087 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX007365.D
Acq: 05 Feb 2019 09:44

Tgt Ion:180 Resp: 440971
Ion Ratio Lower Upper
180 100
182 97.1 47.5 142.6
145 31.0 14.9 44.5

