

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX021419\
 Data File : VX007512.D
 Acq On : 13 Feb 2019 10:53
 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 13 11:28:49 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	476693	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	691685	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	621402	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	314462	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	250634	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
35) Dibromofluoromethane	5.50	113	234773	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	
50) Toluene-d8	8.71	98	827829	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
62) 4-Bromofluorobenzene	11.13	95	297153	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	260121	44.426	ug/l	97
3) Chloromethane	1.33	50	218022	40.606	ug/l	98
4) Vinyl Chloride	1.41	62	244063	46.334	ug/l	98
5) Bromomethane	1.64	94	220908	42.339	ug/l	99
6) Chloroethane	1.72	64	152404	44.727	ug/l	100
7) Trichlorofluoromethane	1.93	101	382376	46.405	ug/l	99
8) Diethyl Ether	2.19	74	142981	46.102	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	227435	46.402	ug/l	99
10) Methyl Iodide	2.51	142	301537	41.820	ug/l	100
11) Tert butyl alcohol	3.06	59	250737	239.456	ug/l	97
12) 1,1-Dichloroethene	2.37	96	203681	44.751	ug/l	97
13) Acrolein	2.29	56	119077	242.510	ug/l	98
14) Allyl chloride	2.73	41	350276	47.232	ug/l	99
15) Acrylonitrile	3.15	53	623479	240.694	ug/l	99
16) Acetone	2.45	43	666742	287.672	ug/l	99
17) Carbon Disulfide	2.57	76	503474	42.629	ug/l	100
18) Methyl Acetate	2.78	43	334552	55.336	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	687238	46.607	ug/l	98
20) Methylene Chloride	2.86	84	223657	47.222	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	214987	44.341	ug/l	99
22) Diisopropyl ether	3.87	45	683601	50.113	ug/l	98
23) Vinyl Acetate	3.82	43	2950870	260.681	ug/l	100
24) 1,1-Dichloroethane	3.70	63	386240	49.304	ug/l	100
25) 2-Butanone	4.70	43	886382	268.731	ug/l	100
26) 2,2-Dichloropropane	4.58	77	299610	50.220	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	245177	46.297	ug/l	99
28) Bromochloromethane	5.01	49	177485	49.267	ug/l	99
29) Tetrahydrofuran	5.15	42	537650	259.175	ug/l	99
30) Chloroform	5.21	83	402453	49.232	ug/l	100
31) Cyclohexane	5.57	56	330767	47.011	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	345877	50.126	ug/l	99
36) 1,1-Dichloropropene	5.79	75	287494	46.325	ug/l	100
37) Ethyl Acetate	4.85	43	310216	49.448	ug/l	99
38) Carbon Tetrachloride	5.78	117	309792	51.453	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	365301	48.650	ug/l	98
40) Benzene	6.14	78	879190	48.093	ug/l	99
41) Methacrylonitrile	5.06	41	173997	51.749	ug/l	98
42) 1,2-Dichloroethane	6.20	62	302258	47.786	ug/l	99
43) Isopropyl Acetate	6.46	43	491226	50.729	ug/l	99
44) Trichloroethene	7.21	130	260641	47.338	ug/l	98
45) 1,2-Dichloropropane	7.51	63	220795	48.204	ug/l	98
46) Dibromomethane	7.66	93	160923	48.339	ug/l	97
47) Bromodichloromethane	7.90	83	292873	51.909	ug/l	100
48) Methyl methacrylate	7.77	41	249254	51.461	ug/l	98
49) 1,4-Dioxane	7.74	88	110203	1000.463	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1608449	252.322	ug/l	100
52) Toluene	8.78	92	557535	47.269	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	316149	52.167	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	349739	52.477	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	238552	48.520	ug/l	96
56) Ethyl methacrylate	9.18	69	338500	49.710	ug/l	98
57) 1,3-Dichloropropane	9.37	76	376530	48.157	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	902603	251.478	ug/l	100
59) 2-Hexanone	9.49	43	1246907	251.368	ug/l	98
60) Dibromochloromethane	9.58	129	254575	54.748	ug/l	97
61) 1,2-Dibromoethane	9.67	107	257846	49.522	ug/l	99
64) Tetrachloroethene	9.34	164	258346	44.110	ug/l	99
65) Chlorobenzene	10.13	112	640826	47.258	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	237406	52.219	ug/l	99
67) Ethyl Benzene	10.25	91	1055655	48.342	ug/l	98
68) m/p-Xylenes	10.36	106	823860	94.909	ug/l	99
69) o-Xylene	10.69	106	405196	48.510	ug/l	100
70) Styrene	10.71	104	661070	48.801	ug/l	100
71) Bromoform	10.85	173	190970	48.062	ug/l	100
73) Isopropylbenzene	11.02	105	1089191	50.970	ug/l	99
74) N-amyl acetate	10.90	43	428162	51.801	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	340038	52.213	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	396864	64.882	ug/l	79
77) Bromobenzene	11.26	156	289295	48.048	ug/l	98
78) n-propylbenzene	11.36	91	1223704	52.222	ug/l	99
79) 2-Chlorotoluene	11.42	91	703349	49.467	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	891842	51.013	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	101699	51.273	ug/l	95
82) 4-Chlorotoluene	11.51	91	823494	50.053	ug/l	100
83) tert-Butylbenzene	11.77	119	894937	51.704	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	915332	51.571	ug/l	100
85) sec-Butylbenzene	11.94	105	1093038	52.175	ug/l	100
86) p-Isopropyltoluene	12.06	119	991299	52.419	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	527669	48.833	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	527778	48.143	ug/l	99
89) n-Butylbenzene	12.38	91	855964	52.617	ug/l	99
90) Hexachloroethane	12.60	117	164718	58.199	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	522352	48.575	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	74412	54.951	ug/l	99

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QLast Update : Sat Feb 02 01:32:36 2019
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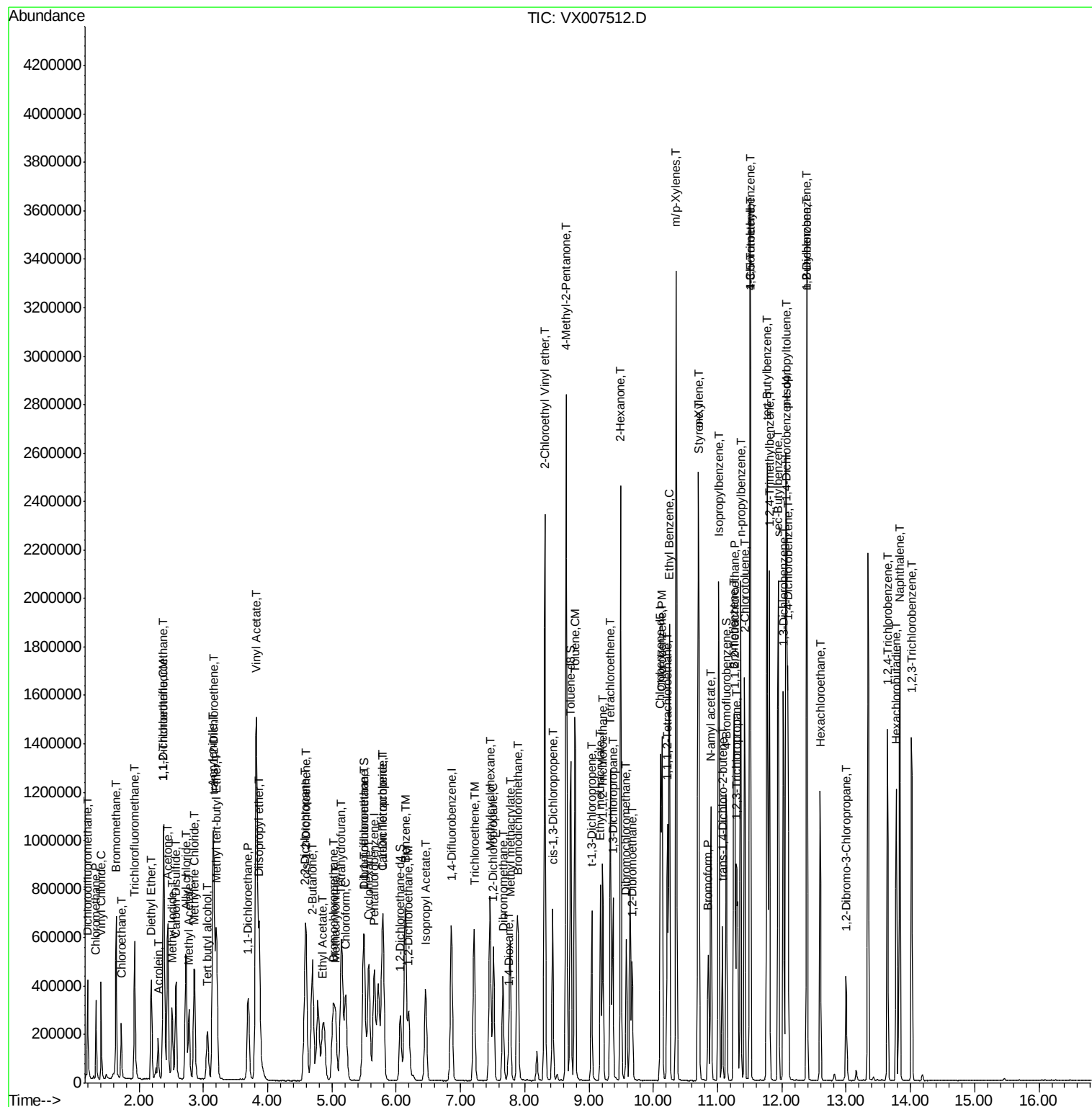
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	359970	49.637	ug/l	99
94) Hexachlorobutadiene	13.78	225	173375	49.234	ug/l	99
95) Naphthalene	13.83	128	1109254	52.305	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	362275	49.627	ug/l	99

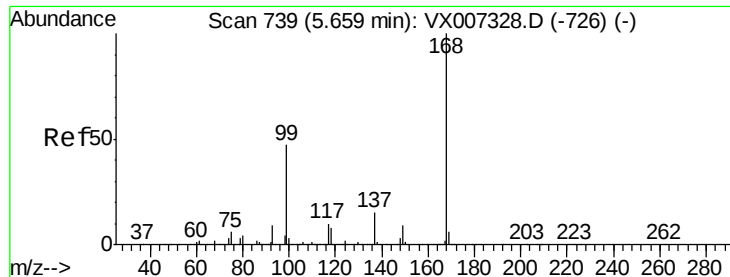
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX007512.D

Acq: 13 Feb 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

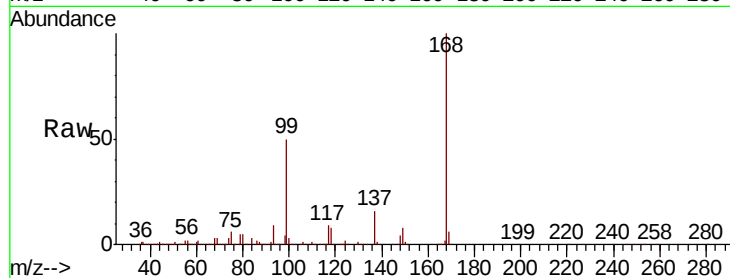
VSTDCCC050

Tgt Ion:168 Resp: 476693

Ion Ratio Lower Upper

168 100

99 49.5 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

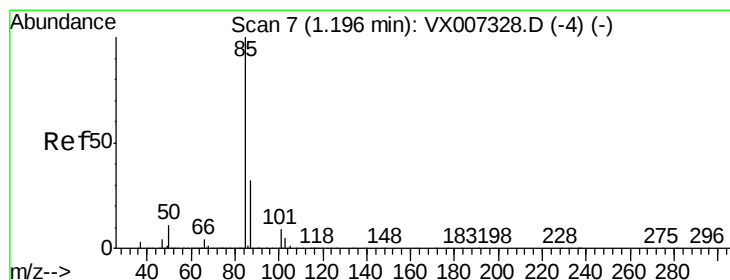
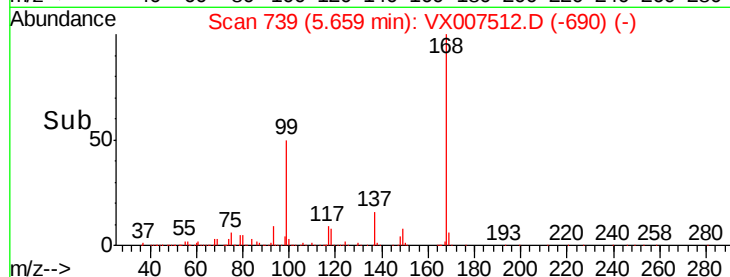
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 44.426 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007512.D

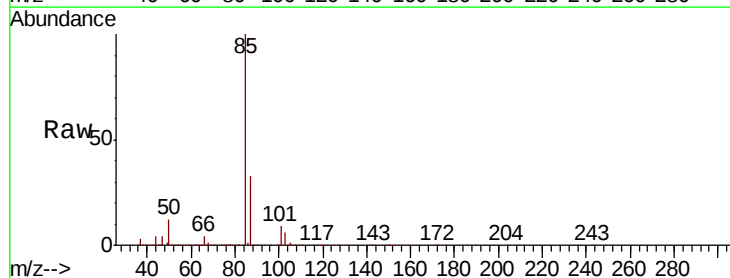
Acq: 13 Feb 2019 10:53

Tgt Ion: 85 Resp: 260121

Ion Ratio Lower Upper

85 100

87 33.4 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

250000

200000

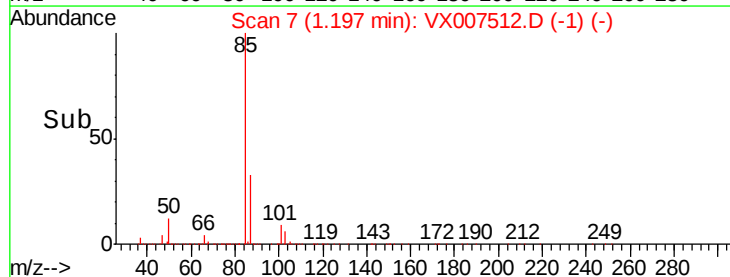
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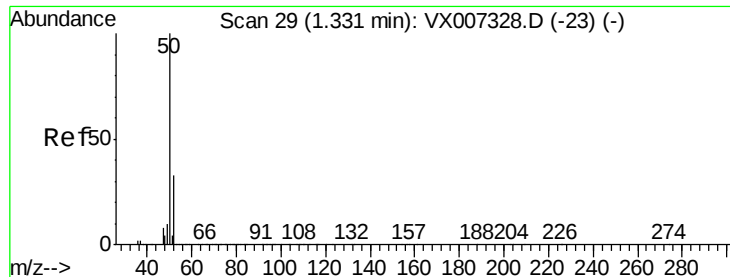
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Time-->

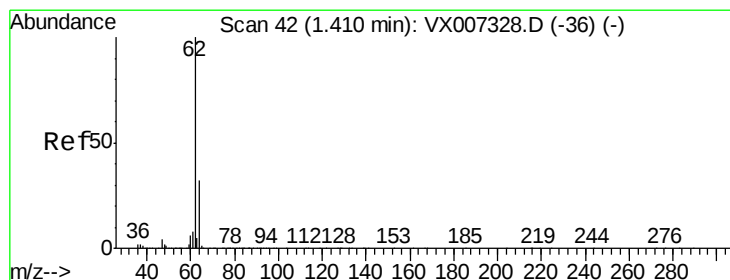
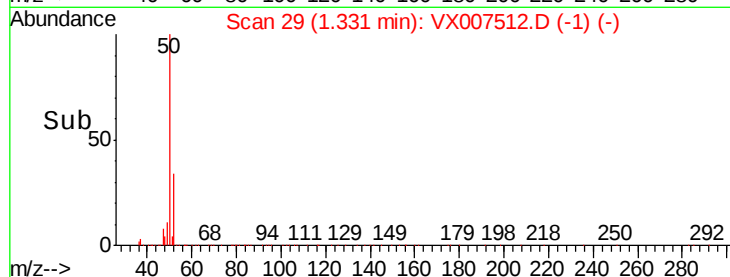
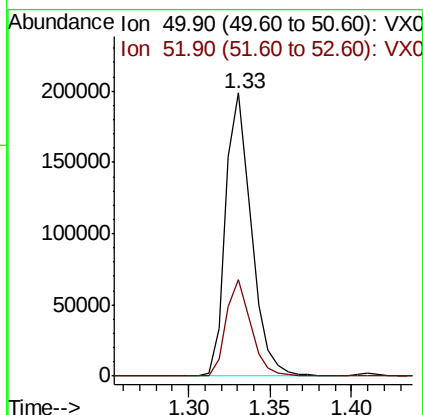
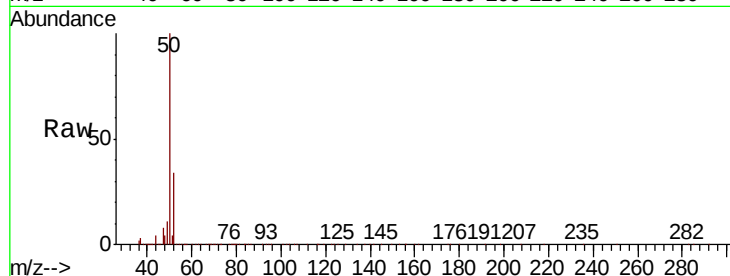




#3
Chloromethane
Concen: 40.606 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX007512.D
Acq: 13 Feb 2019 10:53

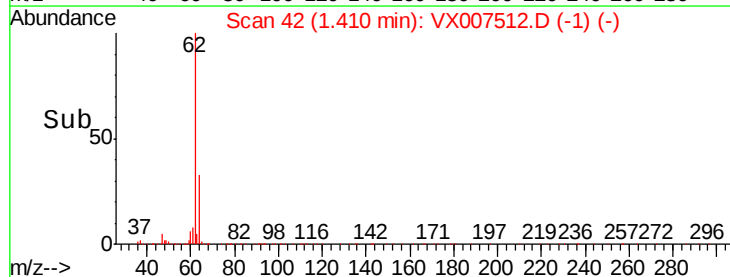
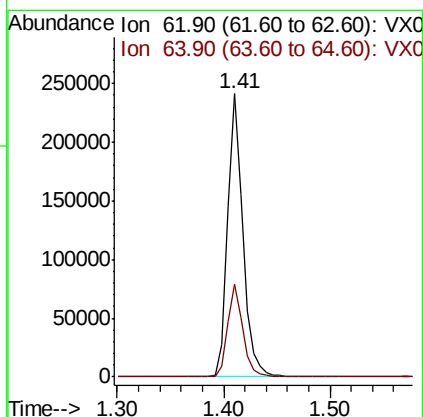
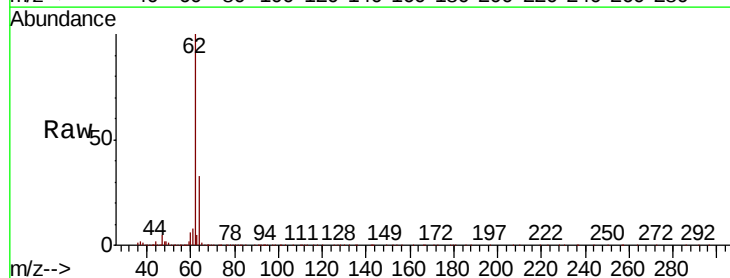
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

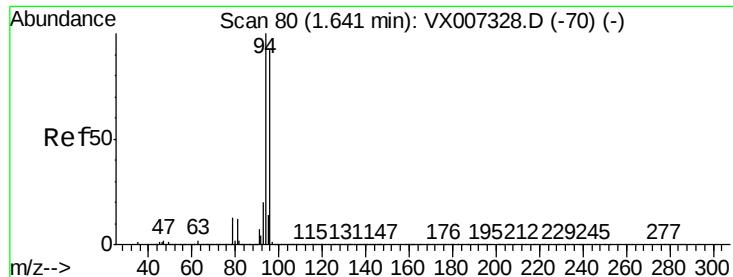
Tgt Ion: 50 Resp: 218022
Ion Ratio Lower Upper
50 100
52 33.8 26.1 39.1



#4
Vinyl Chloride
Concen: 46.334 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX007512.D
Acq: 13 Feb 2019 10:53

Tgt Ion: 62 Resp: 244063
Ion Ratio Lower Upper
62 100
64 32.8 25.4 38.0





#5

Bromomethane

Concen: 42.339 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007512.D

Acq: 13 Feb 2019 10:53

Instrument :

MSVOA_X

ClientSampled :

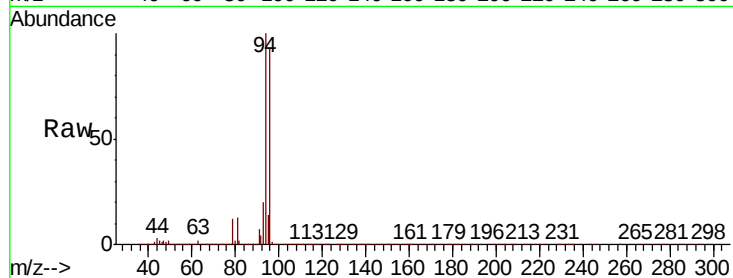
VSTDCCC050

Tgt Ion: 94 Resp: 220908

Ion Ratio Lower Upper

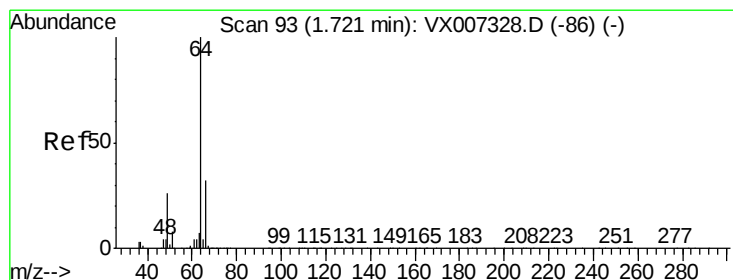
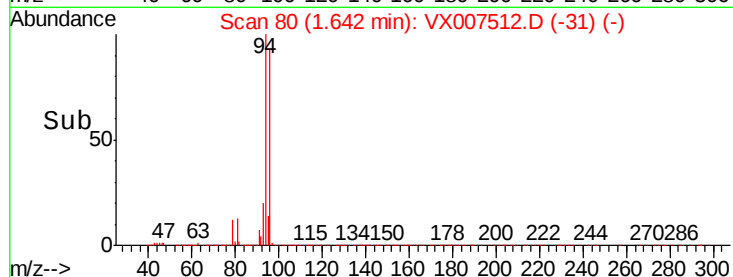
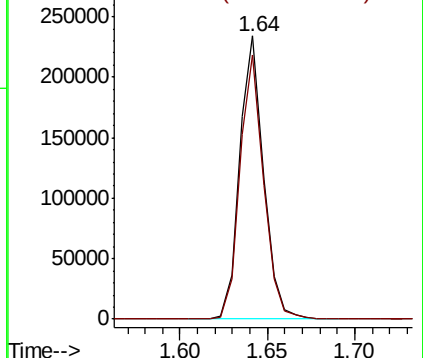
94 100

96 93.2 73.9 110.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 44.727 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX007512.D

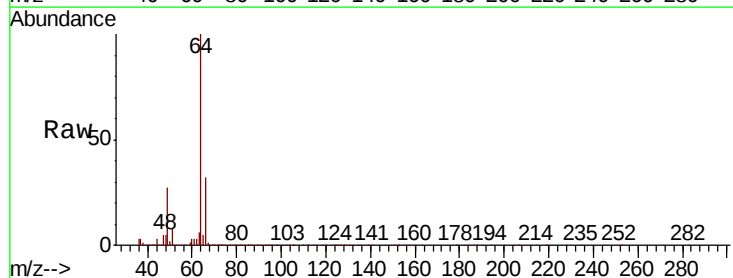
Acq: 13 Feb 2019 10:53

Tgt Ion: 64 Resp: 152404

Ion Ratio Lower Upper

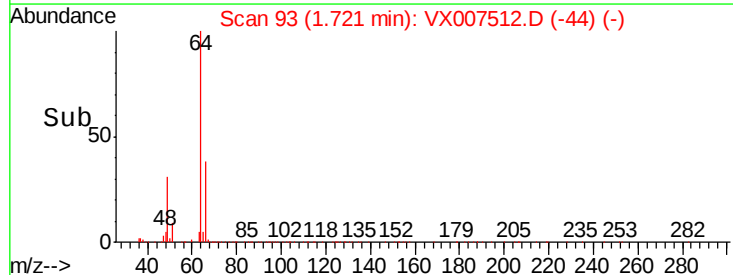
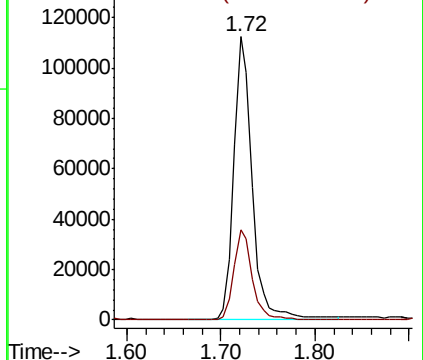
64 100

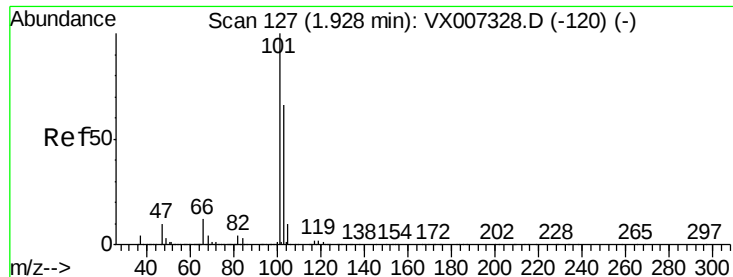
66 31.9 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



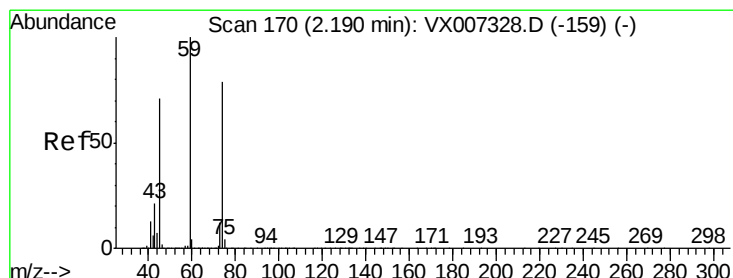
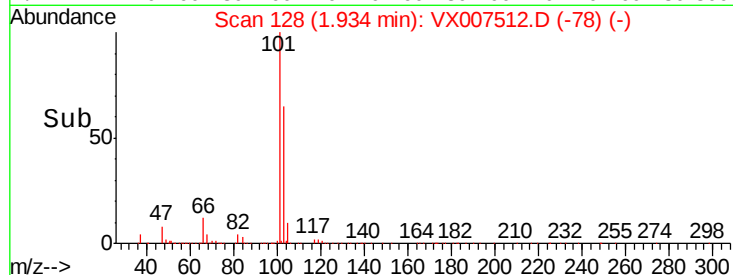
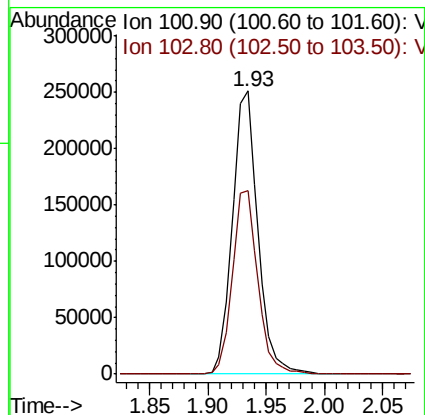
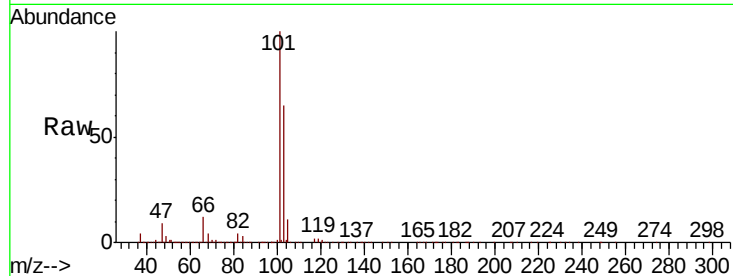


#7

Trichlorofluoromethane
Concen: 46.405 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007512.D
Acq: 13 Feb 2019 10:53

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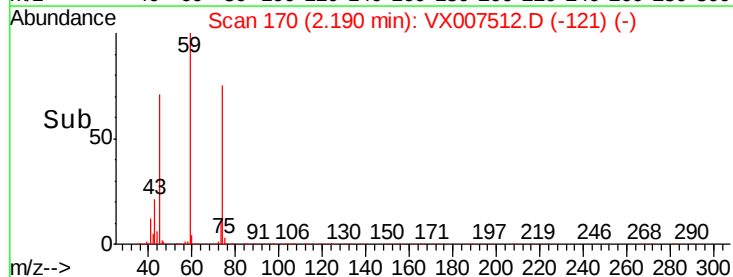
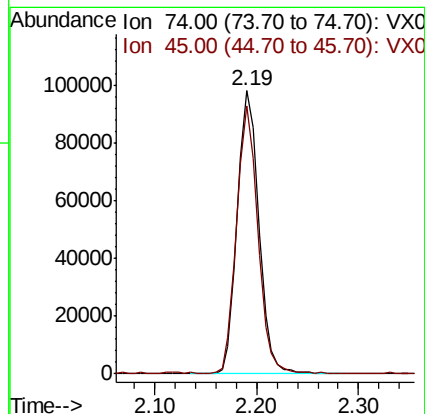
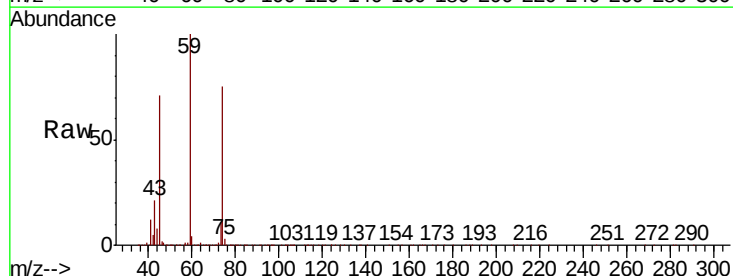
Tgt Ion:101 Resp: 382376
Ion Ratio Lower Upper
101 100
103 65.0 52.6 79.0

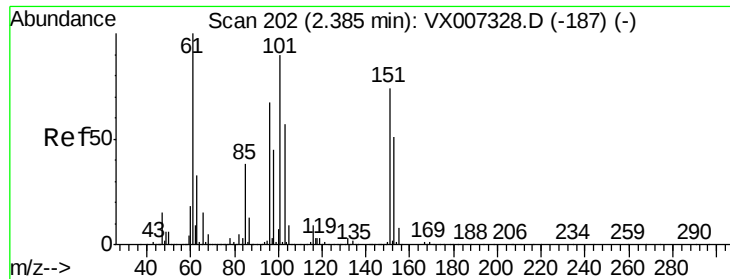


#8

Diethyl Ether
Concen: 46.102 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007512.D
Acq: 13 Feb 2019 10:53

Tgt Ion: 74 Resp: 142981
Ion Ratio Lower Upper
74 100
45 93.0 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.402 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007512.D

Acq: 13 Feb 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

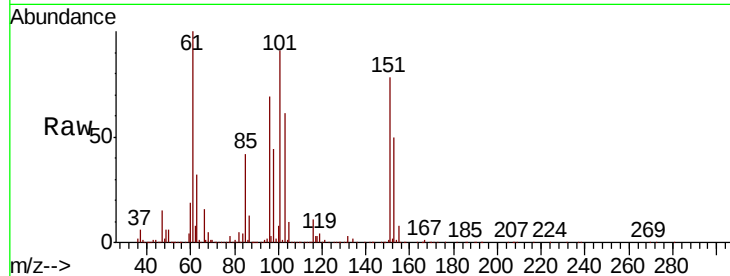
Tgt Ion:101 Resp: 227435

Ion Ratio Lower Upper

101 100

85 43.9 34.1 51.1

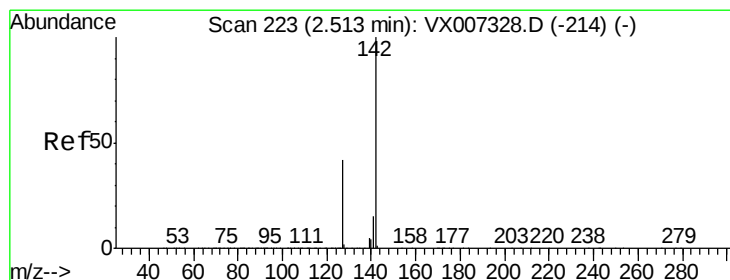
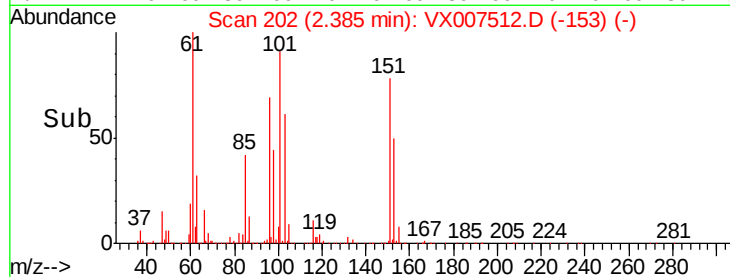
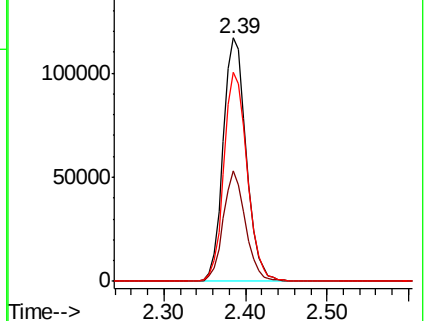
151 86.8 69.9 104.9



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: 41.820 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX007512.D

Acq: 13 Feb 2019 10:53

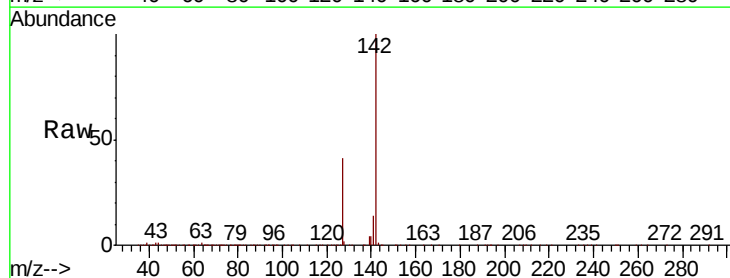
Tgt Ion:142 Resp: 301537

Ion Ratio Lower Upper

142 100

127 42.0 33.7 50.5

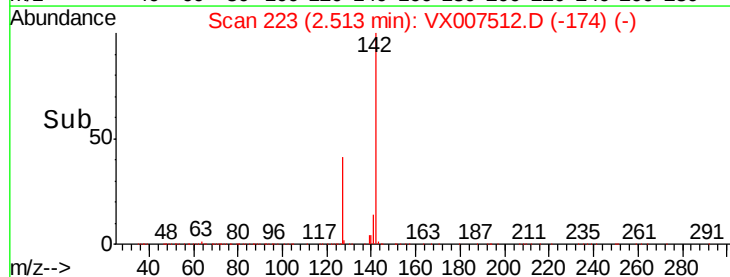
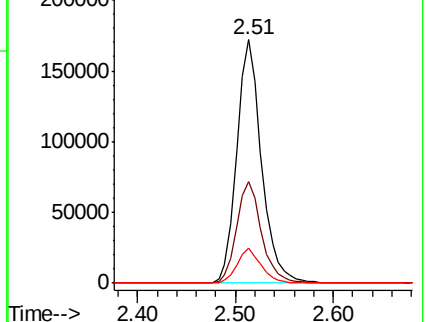
141 13.8 11.3 16.9

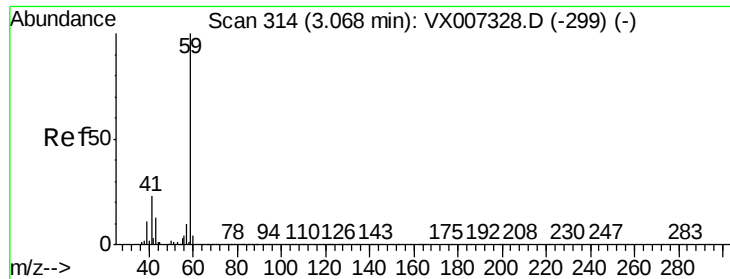


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

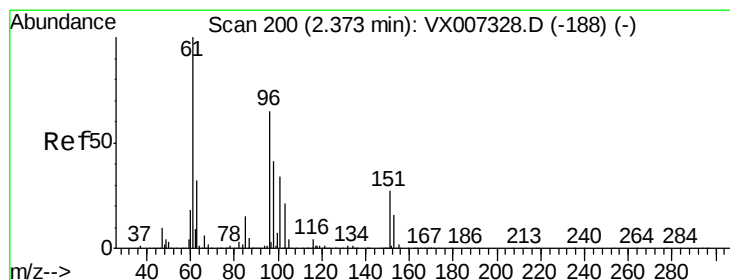
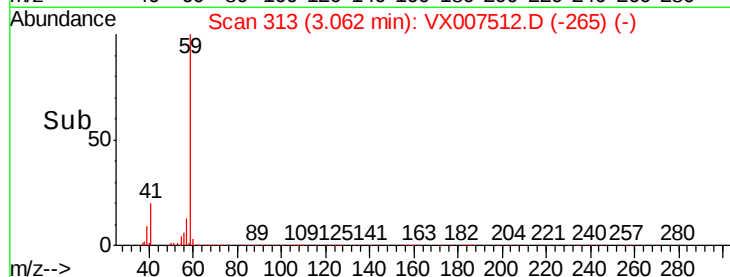
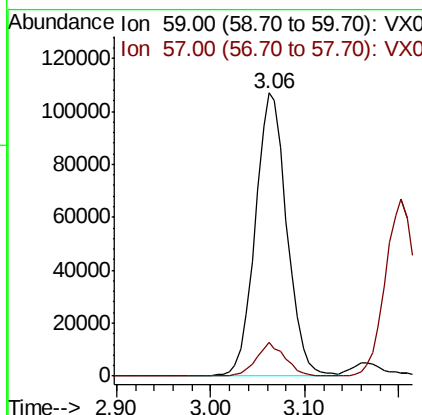
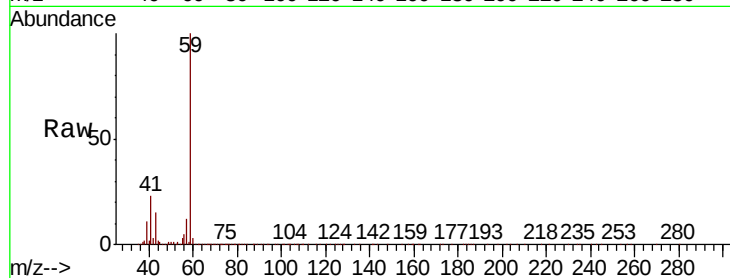




#11
Tert butyl alcohol
Concen: 239.456 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.01 min
Lab File: VX007512.D
Acq: 13 Feb 2019 10:53

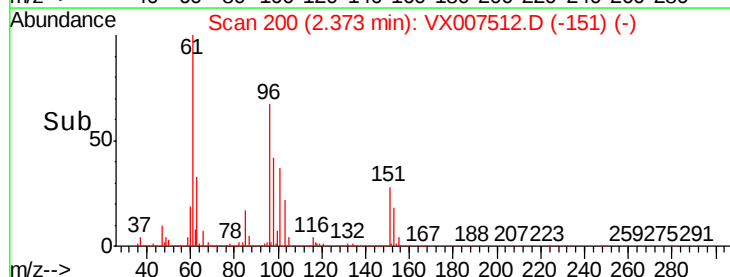
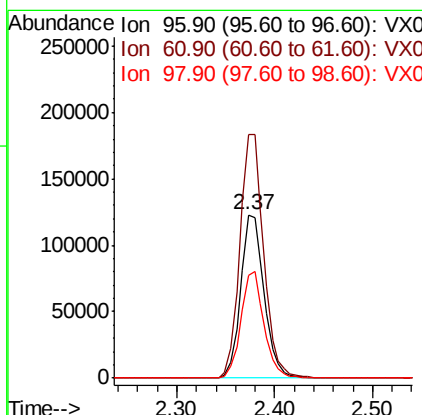
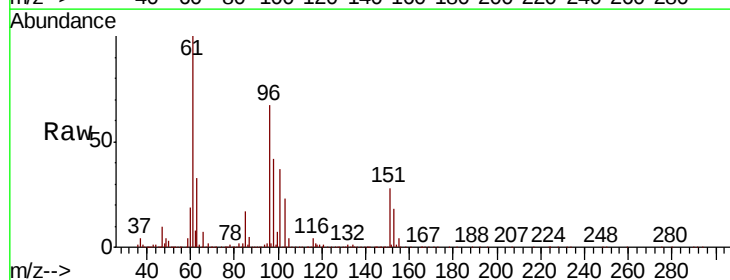
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

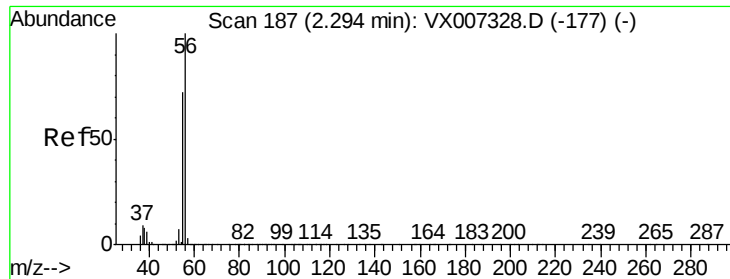
Tgt Ion: 59 Resp: 250737
Ion Ratio Lower Upper
59 100
57 11.2 8.1 12.1



#12
1,1-Dichloroethene
Concen: 44.751 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX007512.D
Acq: 13 Feb 2019 10:53

Tgt Ion: 96 Resp: 203681
Ion Ratio Lower Upper
96 100
61 149.1 123.0 184.4
98 63.1 50.9 76.3

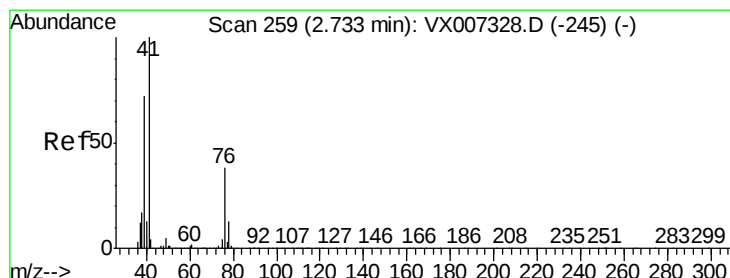
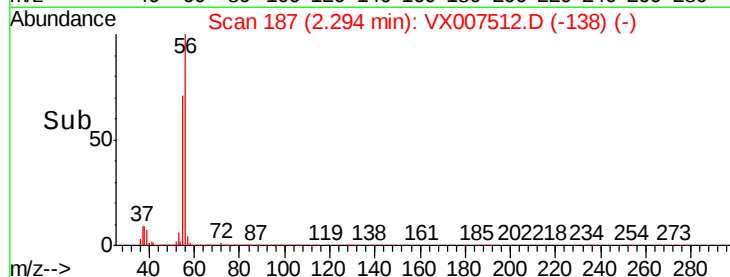
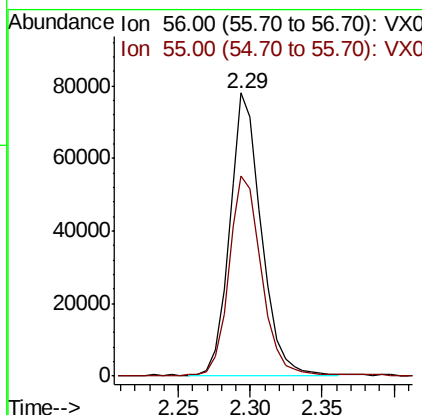
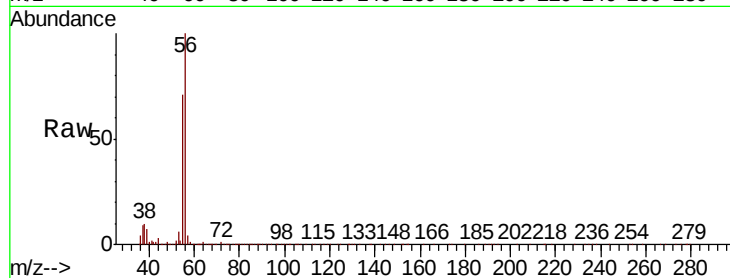




#13
Acrolein
Concen: 242.510 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX007512.D
Acq: 13 Feb 2019 10:53

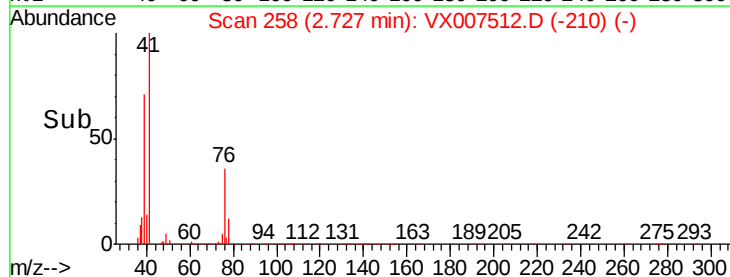
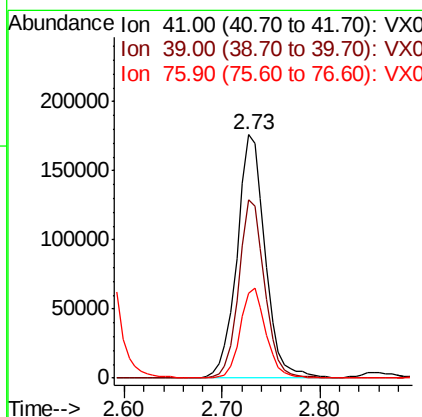
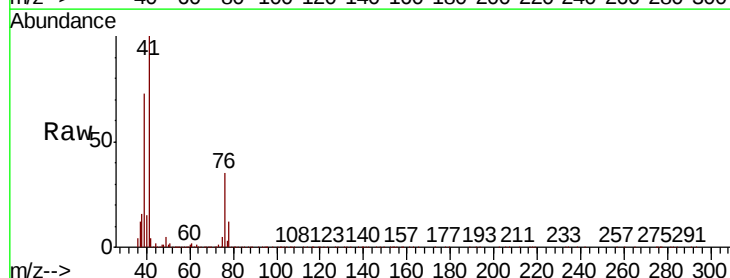
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 119077
Ion Ratio Lower Upper
56 100
55 72.5 56.9 85.3



#14
Allyl chloride
Concen: 47.232 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.01 min
Lab File: VX007512.D
Acq: 13 Feb 2019 10:53

Tgt Ion: 41 Resp: 350276
Ion Ratio Lower Upper
41 100
39 67.3 54.1 81.1
76 33.3 27.8 41.8





#15

Acrylonitrile

Concen: 240.694 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX007512.D

Acq: 13 Feb 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

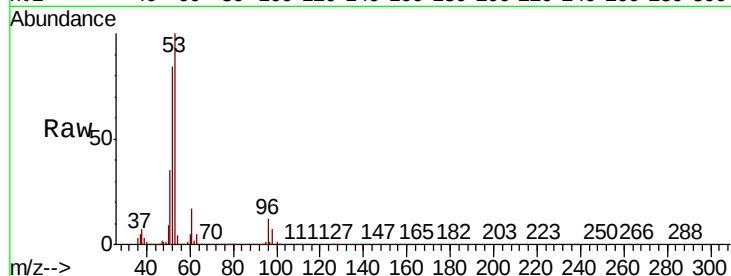
Tgt Ion: 53 Resp: 623479

Ion Ratio Lower Upper

53 100

52 81.5 66.4 99.6

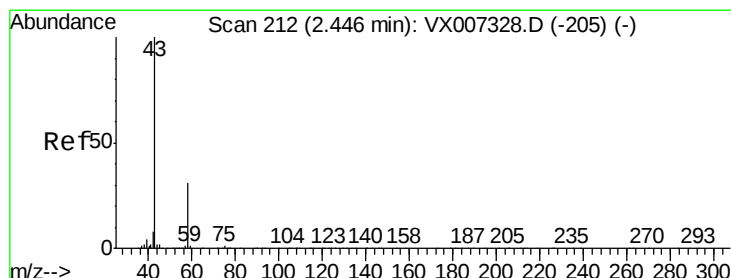
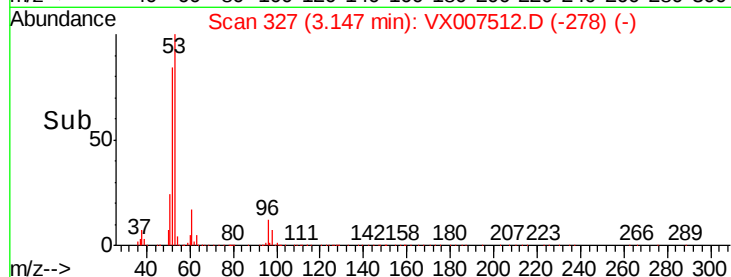
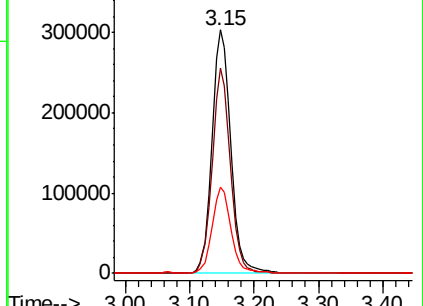
51 35.5 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 287.672 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007512.D

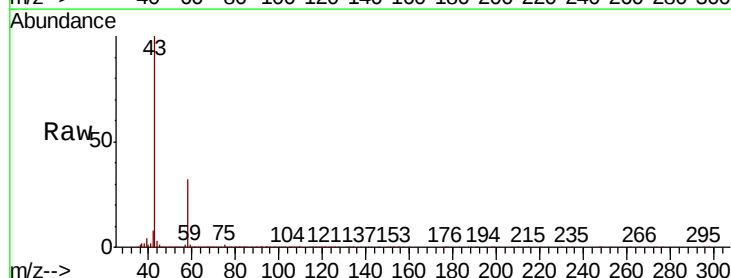
Acq: 13 Feb 2019 10:53

Tgt Ion: 43 Resp: 666742

Ion Ratio Lower Upper

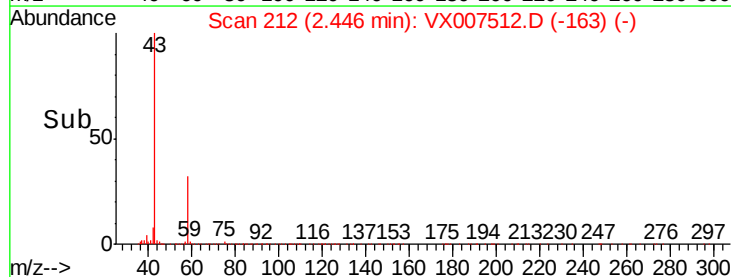
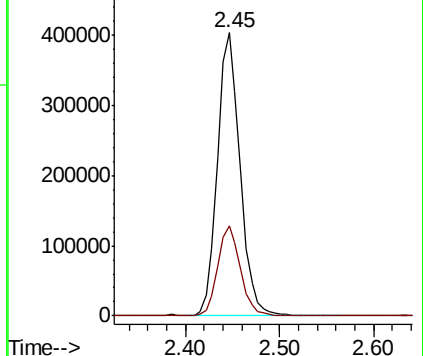
43 100

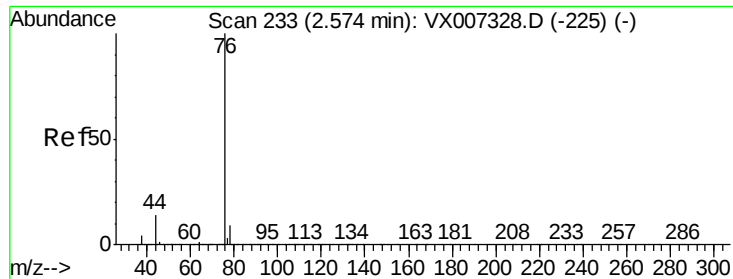
58 31.6 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

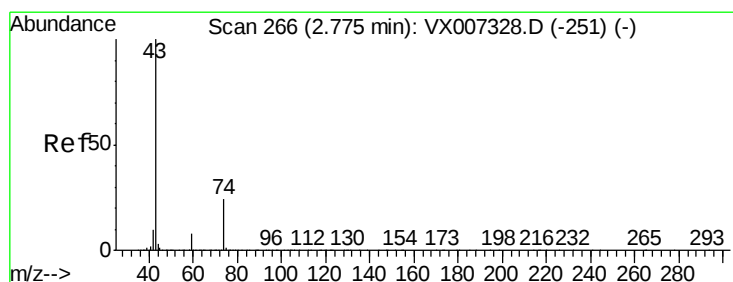
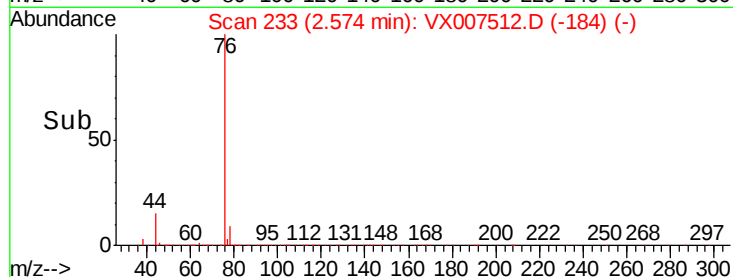
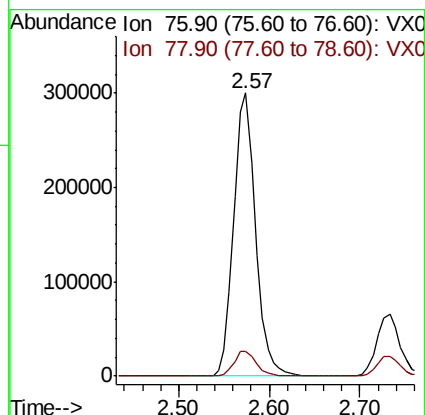
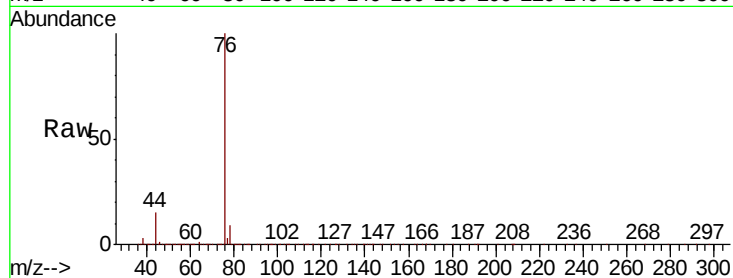




#17
Carbon Disulfide
Concen: 42.629 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.00 min
Lab File: VX007512.D
Acq: 13 Feb 2019 10:53

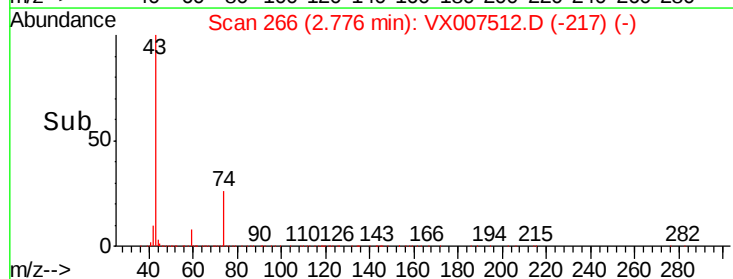
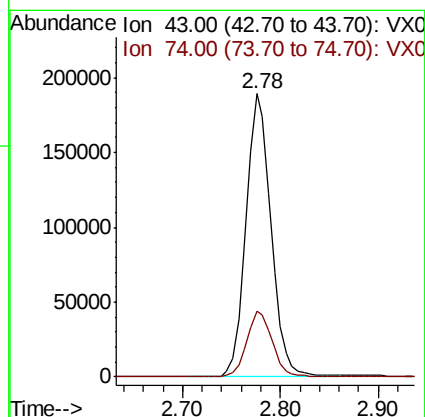
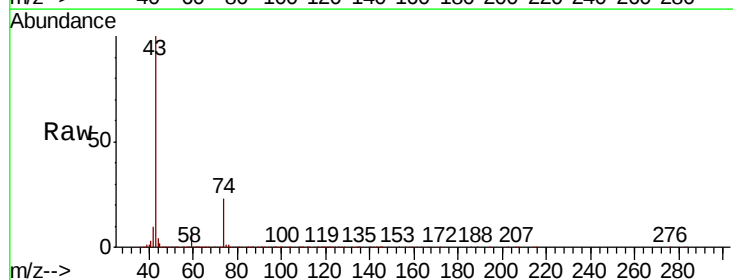
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

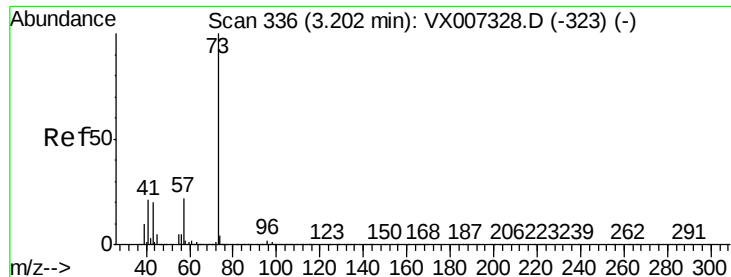
Tgt Ion: 76 Resp: 503474
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 55.336 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX007512.D
Acq: 13 Feb 2019 10:53

Tgt Ion: 43 Resp: 334552
Ion Ratio Lower Upper
43 100
74 24.1 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 46.607 ug/l

RT: 3.20 min Scan# 336

Delta R.T. 0.00 min

Lab File: VX007512.D

Acq: 13 Feb 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

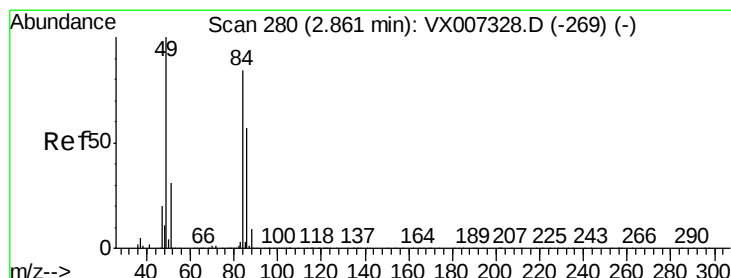
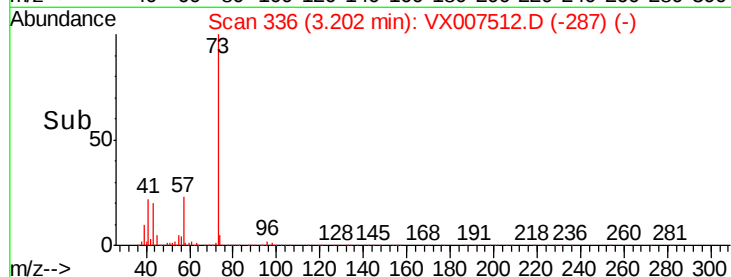
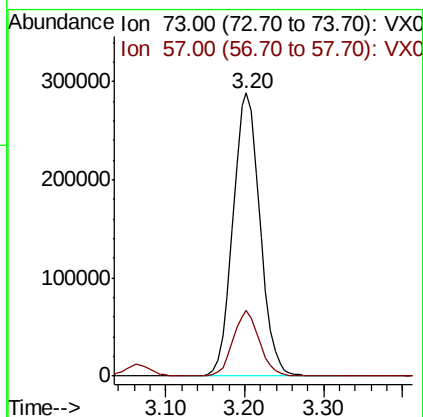
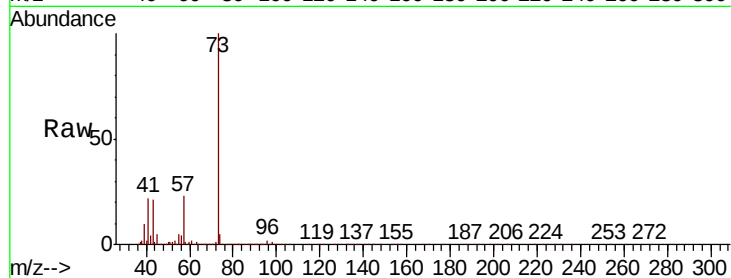
VSTDCCC050

Tgt Ion: 73 Resp: 687238

Ion Ratio Lower Upper

73 100

57 23.1 17.8 26.8



#20

Methylene Chloride

Concen: 47.222 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX007512.D

Acq: 13 Feb 2019 10:53

Tgt Ion: 84 Resp: 223657

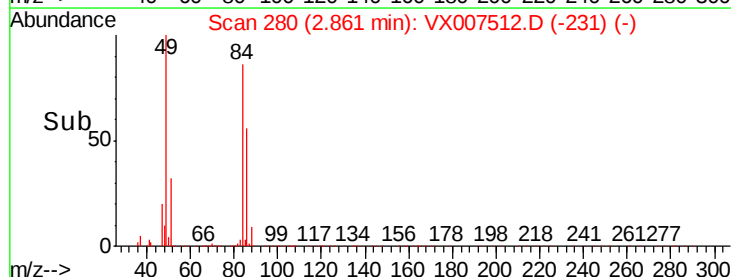
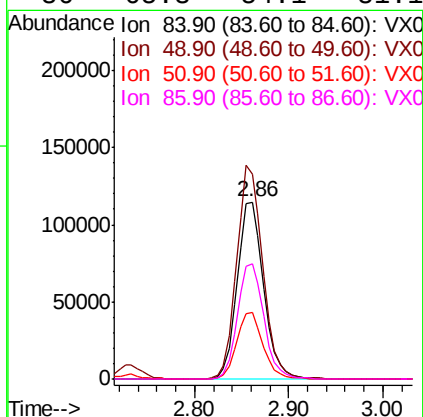
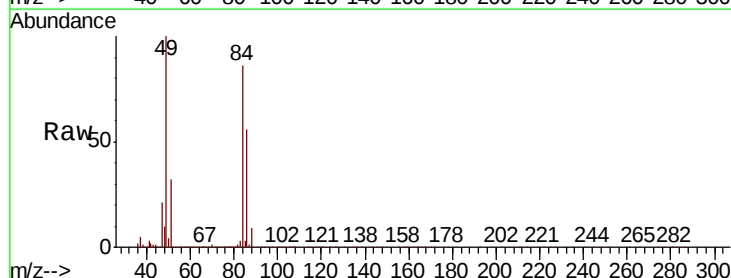
Ion Ratio Lower Upper

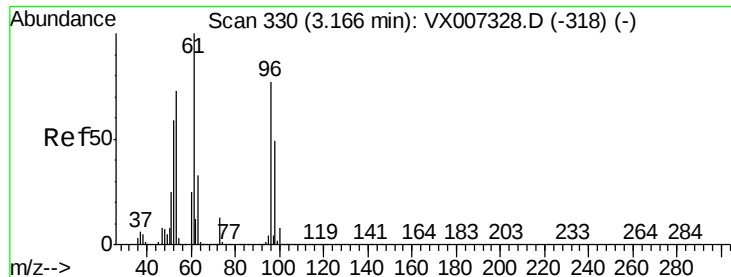
84 100

49 116.0 94.8 142.2

51 37.5 29.8 44.8

86 65.3 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 44.341 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007512.D

Acq: 13 Feb 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

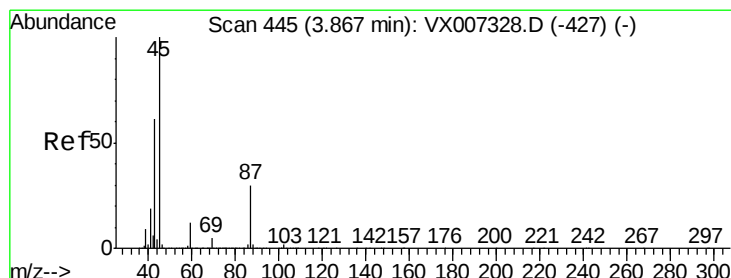
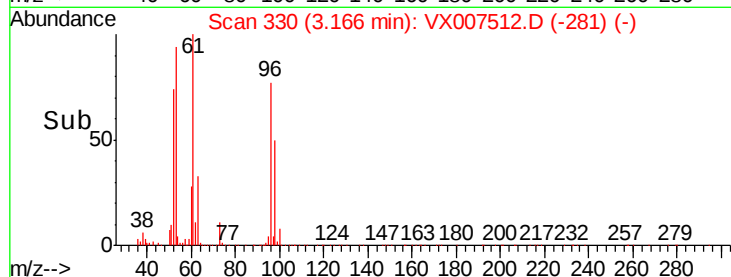
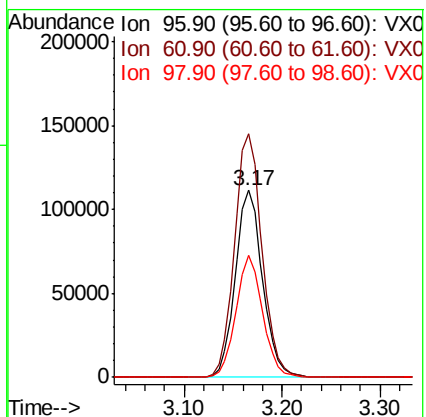
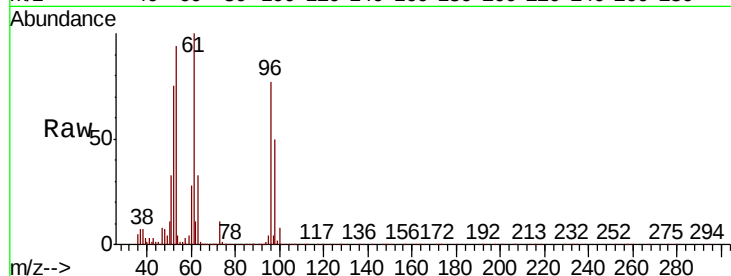
Tgt Ion: 96 Resp: 214987

Ion Ratio Lower Upper

96 100

61 130.2 104.6 156.8

98 65.2 51.0 76.4



#22

Diisopropyl ether

Concen: 50.113 ug/l

RT: 3.87 min Scan# 445

Delta R.T. 0.00 min

Lab File: VX007512.D

Acq: 13 Feb 2019 10:53

Tgt Ion: 45 Resp: 683601

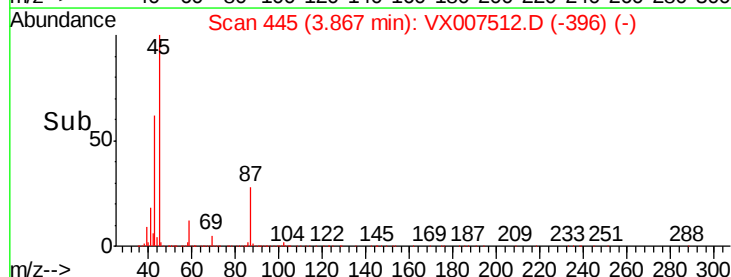
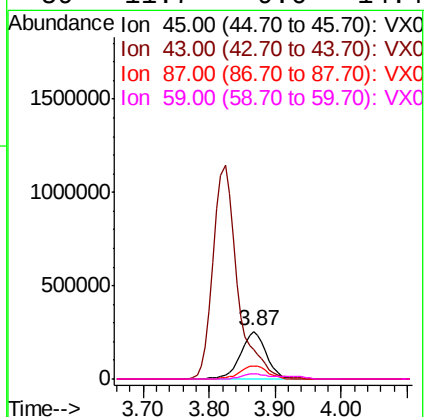
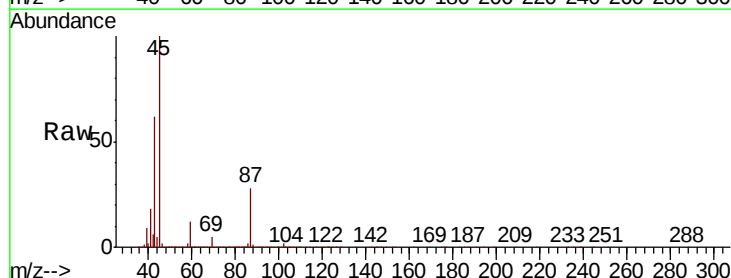
Ion Ratio Lower Upper

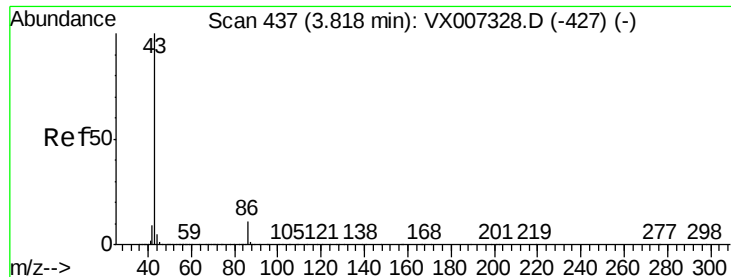
45 100

43 61.5 48.9 73.3

87 27.7 23.9 35.9

59 11.7 9.6 14.4





#23

Vinyl Acetate

Concen: 260.681 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007512.D

Acq: 13 Feb 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

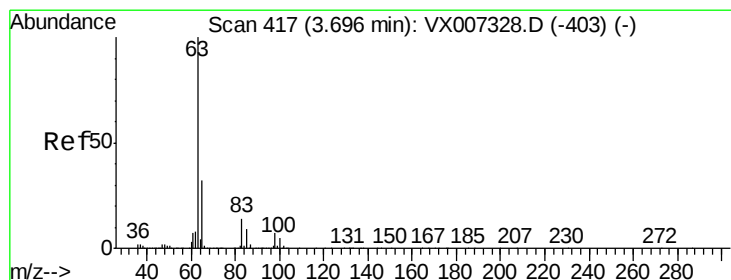
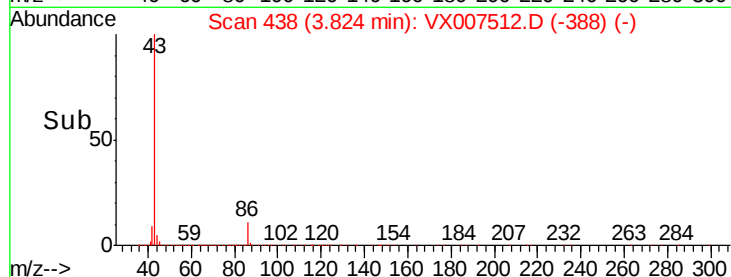
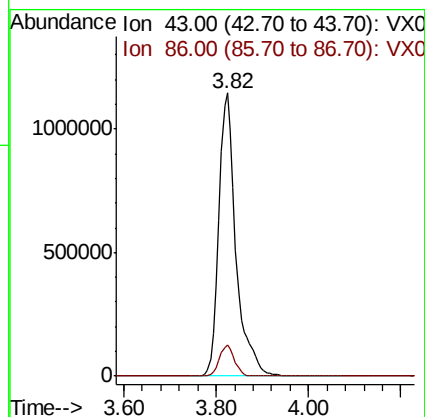
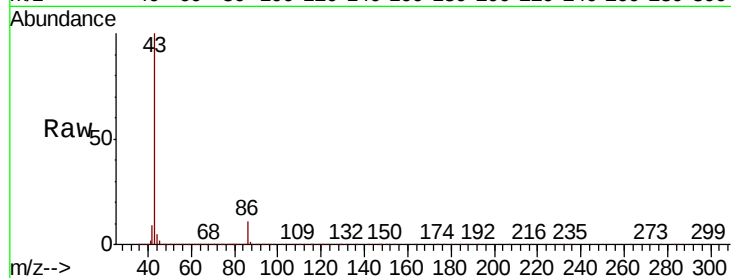
VSTDCCC050

Tgt Ion: 43 Resp: 2950870

Ion Ratio Lower Upper

43 100

86 11.0 8.7 13.1



#24

1,1-Dichloroethane

Concen: 49.304 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007512.D

Acq: 13 Feb 2019 10:53

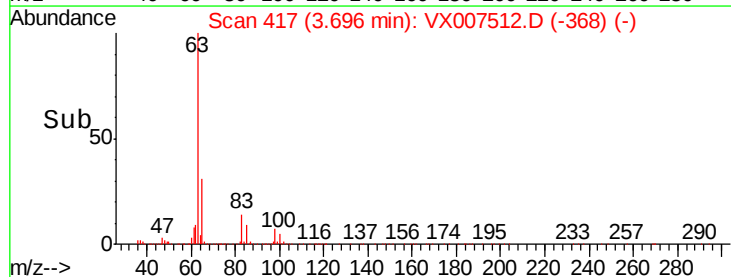
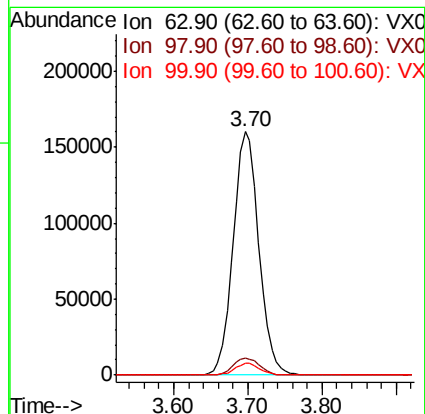
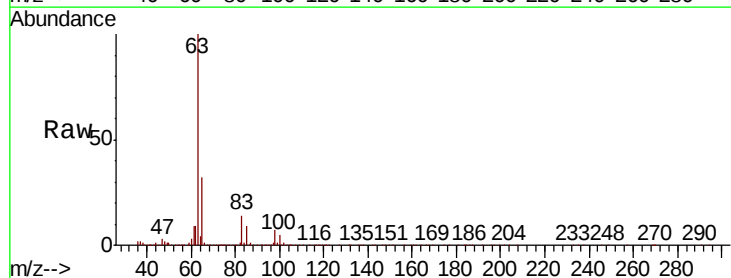
Tgt Ion: 63 Resp: 386240

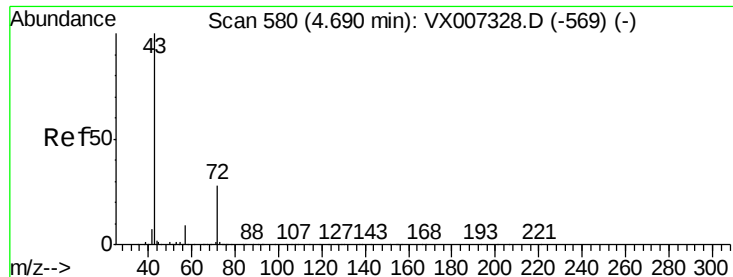
Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.8

100 4.8 2.5 7.4





#25

2-Butanone

Concen: 268.731 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX007512.D

Acq: 13 Feb 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

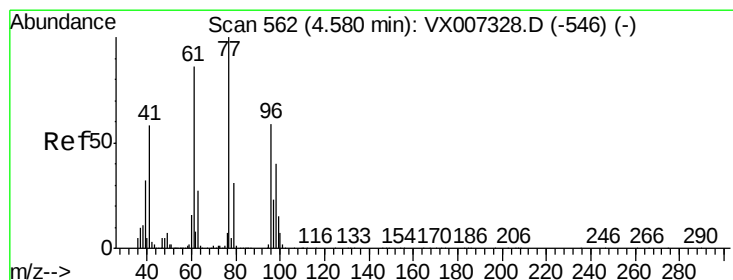
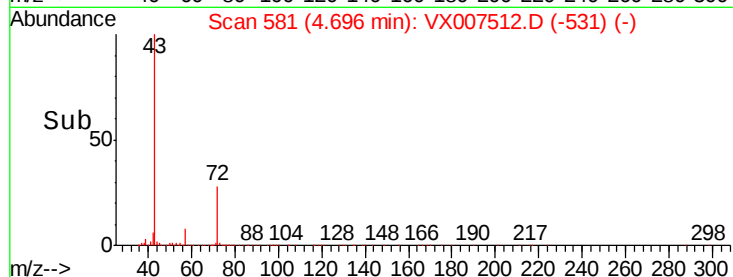
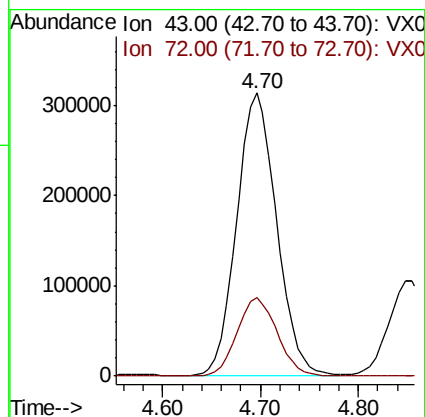
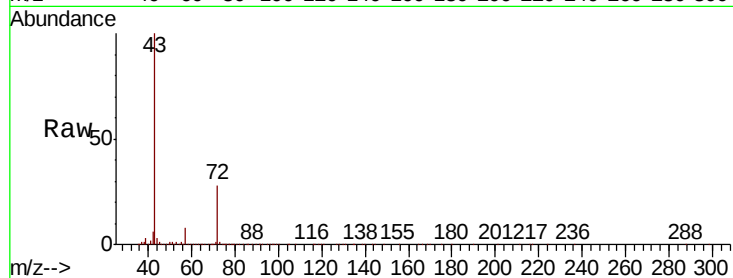
VSTDCCC050

Tgt Ion: 43 Resp: 886382

Ion Ratio Lower Upper

43 100

72 27.8 22.2 33.2



#26

2,2-Dichloropropane

Concen: 50.220 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX007512.D

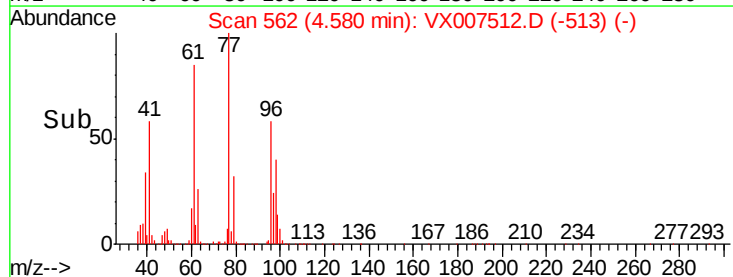
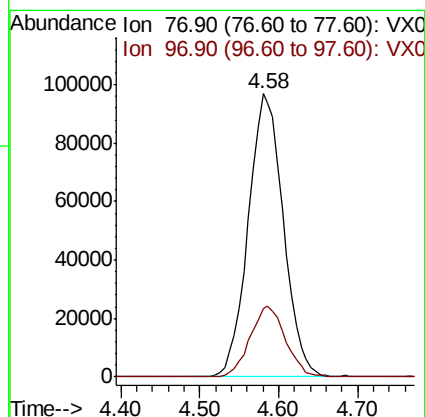
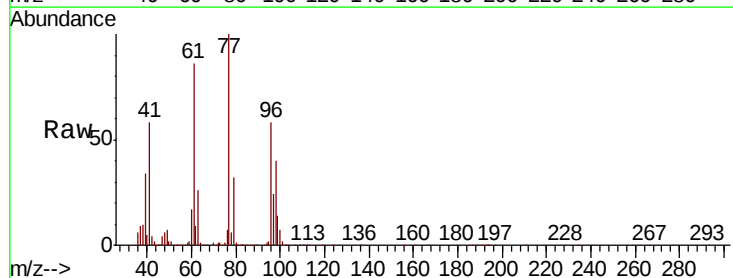
Acq: 13 Feb 2019 10:53

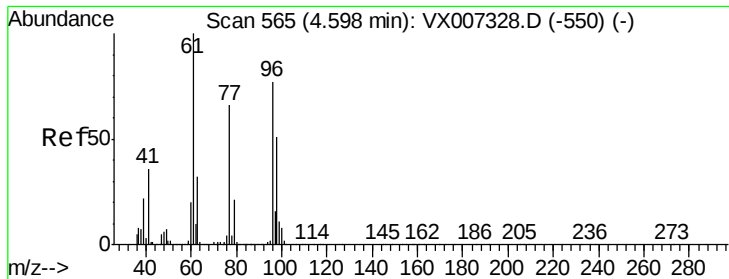
Tgt Ion: 77 Resp: 299610

Ion Ratio Lower Upper

77 100

97 25.2 12.1 36.3



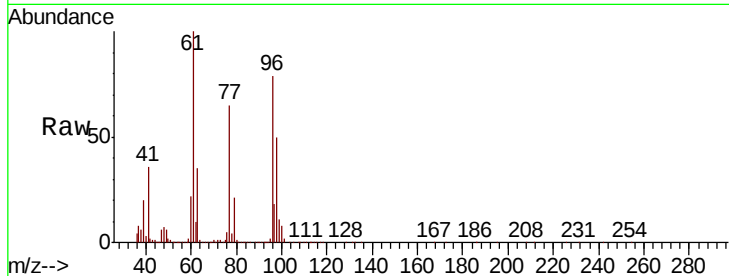


#27

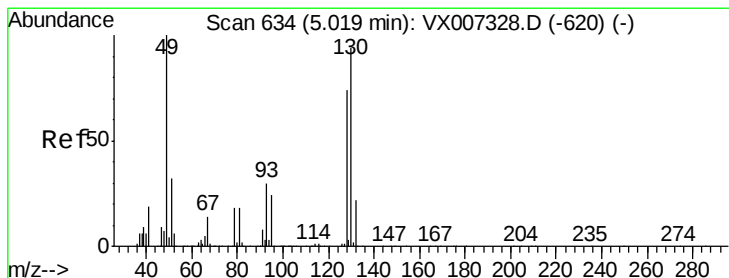
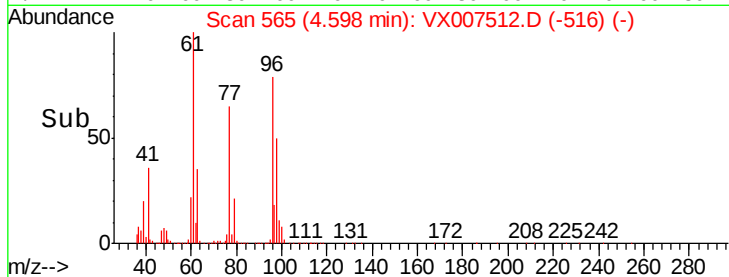
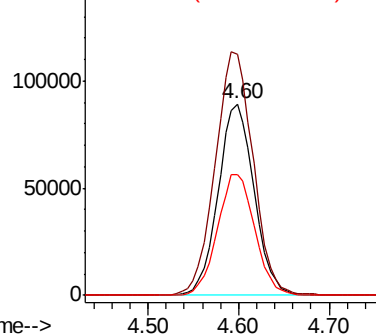
cis-1,2-Dichloroethene
Concen: 46.297 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007512.D
Acq: 13 Feb 2019 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Resp	Lower	Upper
96	245177		
Ion Ratio			
96	100		
61	134.7	0.0	265.6
98	65.8	0.0	131.6



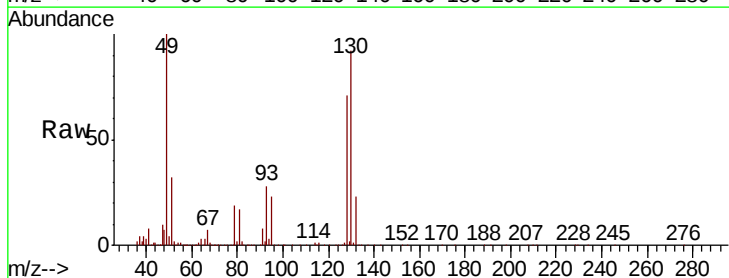
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



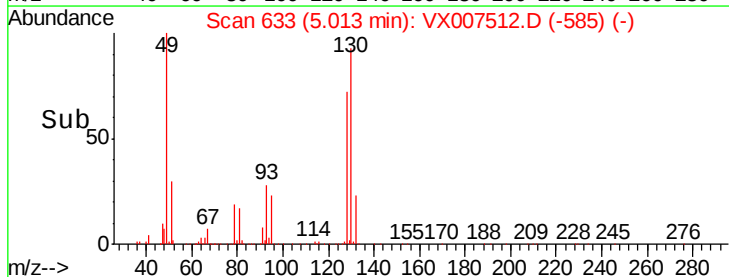
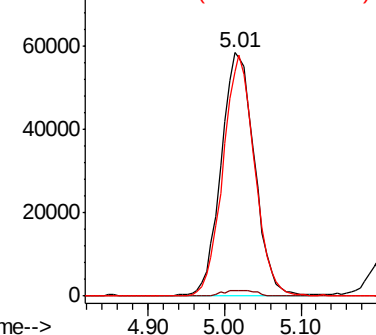
#28

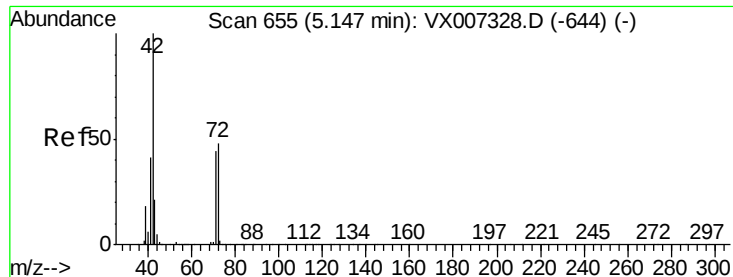
Bromochloromethane
Concen: 49.267 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX007512.D
Acq: 13 Feb 2019 10:53

Tgt Ion	Resp	Lower	Upper
49	177485		
Ion Ratio			
49	100		
129	2.6	0.0	5.6
130	94.0	75.6	113.4



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

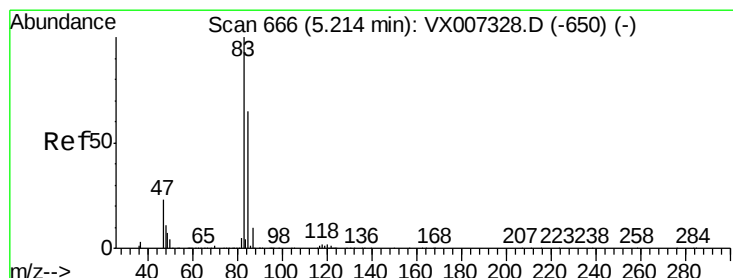
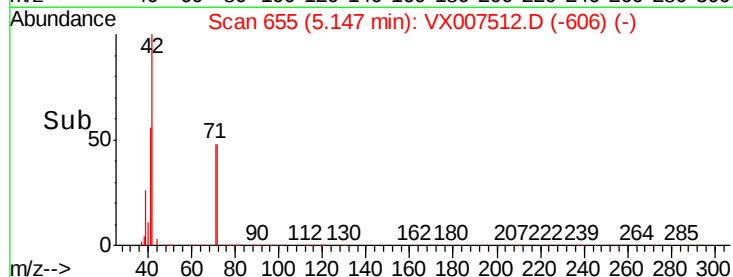
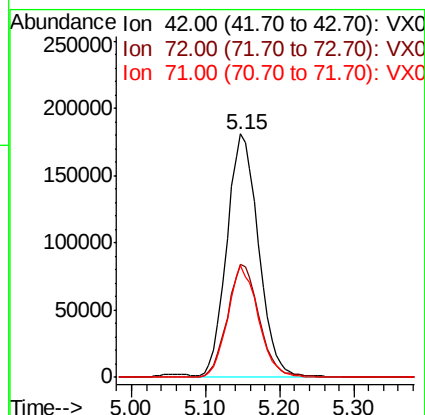
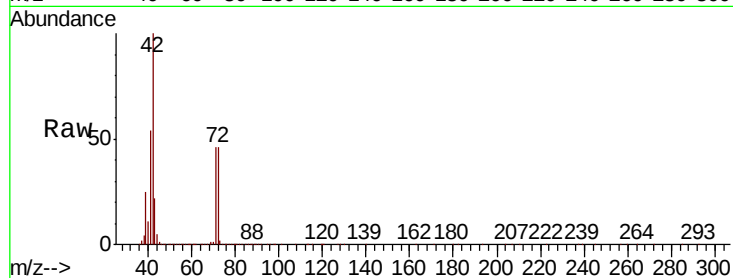




#29
Tetrahydrofuran
Concen: 259.175 ug/l
RT: 5.15 min Scan# 655
Delta R.T. 0.00 min
Lab File: VX007512.D
Acq: 13 Feb 2019 10:53

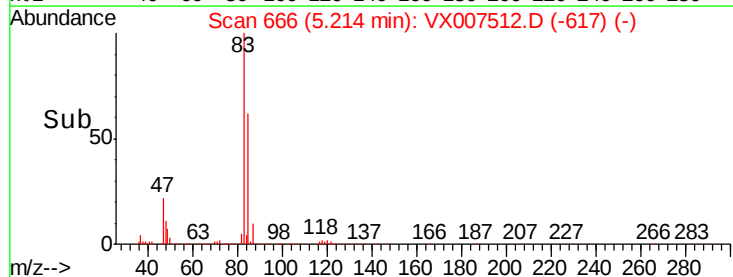
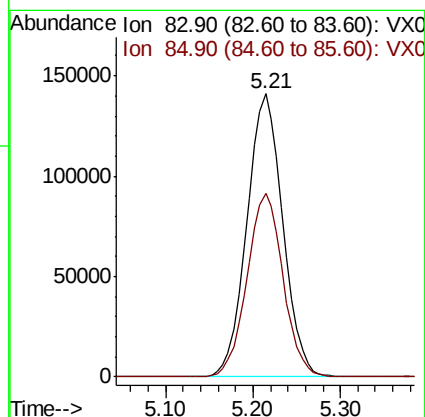
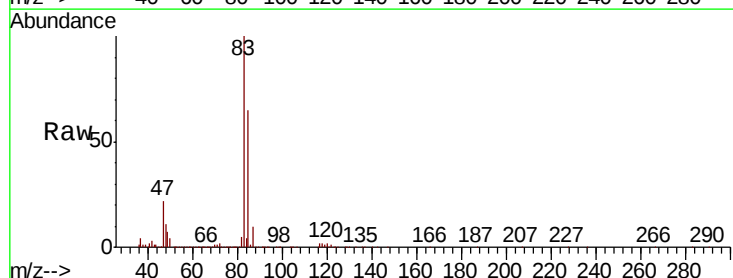
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

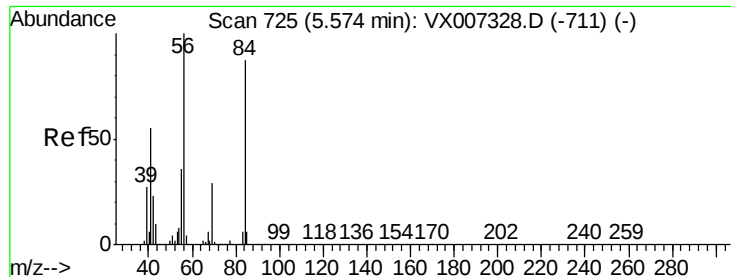
Tgt Ion: 42 Resp: 537650
Ion Ratio Lower Upper
42 100
72 46.8 37.6 56.4
71 44.3 34.6 51.8



#30
Chloroform
Concen: 49.232 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007512.D
Acq: 13 Feb 2019 10:53

Tgt Ion: 83 Resp: 402453
Ion Ratio Lower Upper
83 100
85 64.6 51.6 77.4

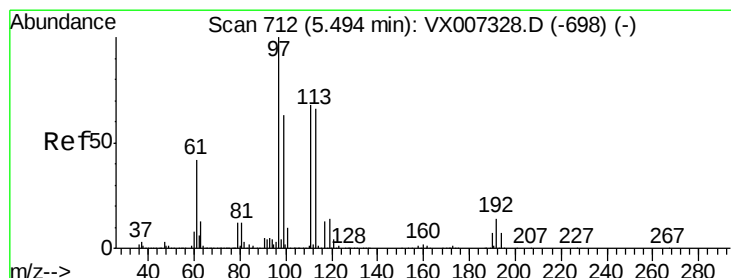
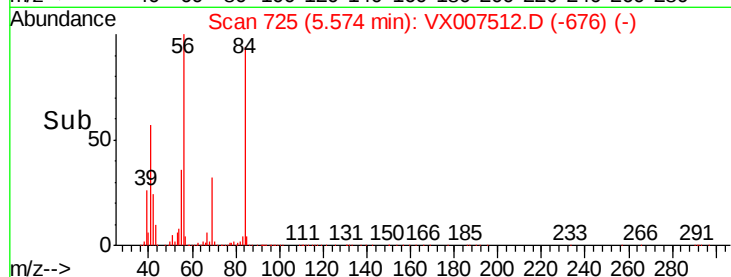
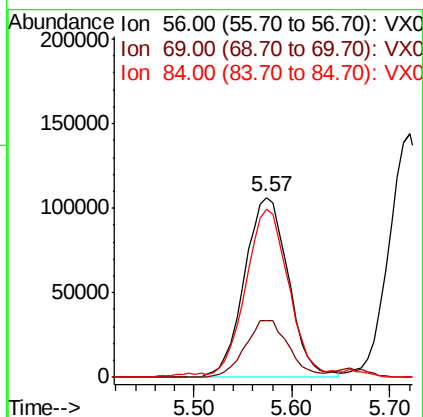
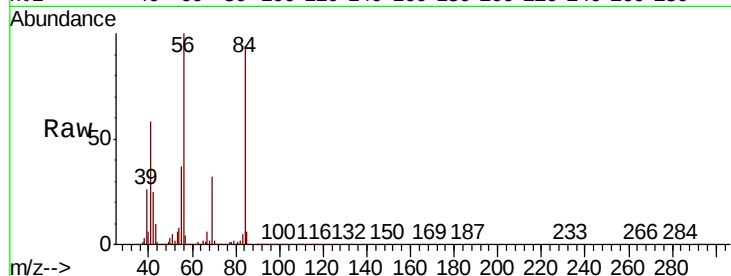




#31
Cyclohexane
Concen: 47.011 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX007512.D
Acq: 13 Feb 2019 10:53

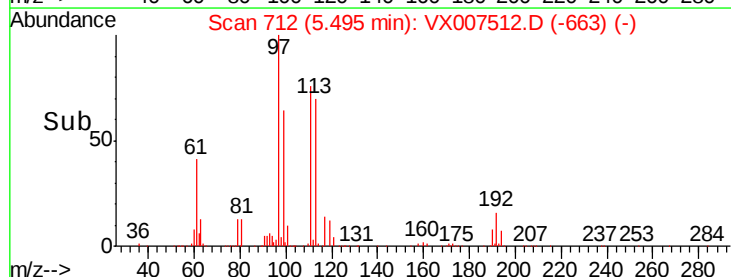
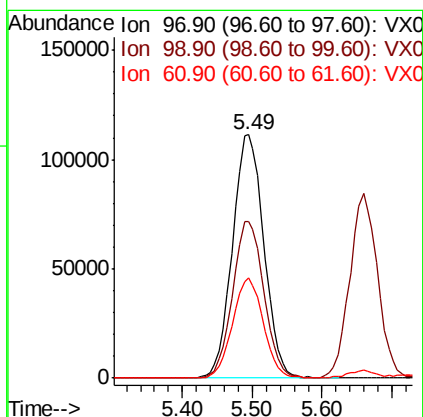
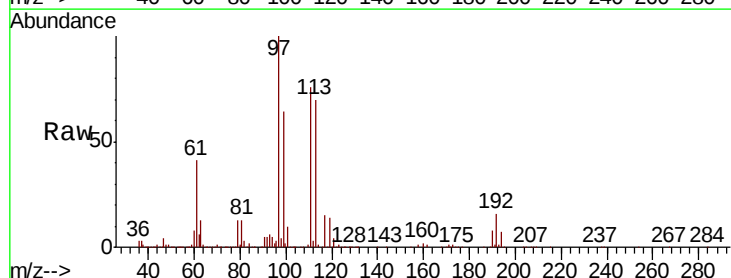
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

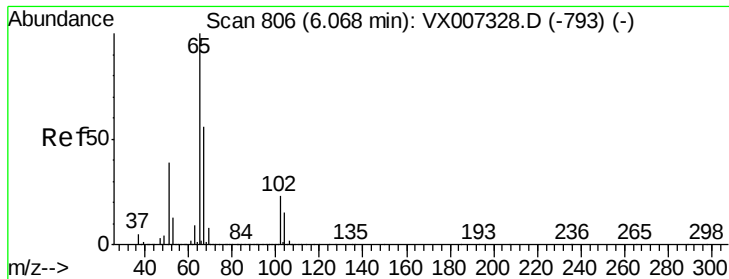
Tgt Ion: 56 Resp: 330767
Ion Ratio Lower Upper
56 100
69 31.7 23.0 34.6
84 91.7 69.8 104.6



#32
1,1,1-Trichloroethane
Concen: 50.126 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX007512.D
Acq: 13 Feb 2019 10:53

Tgt Ion: 97 Resp: 345877
Ion Ratio Lower Upper
97 100
99 64.7 52.2 78.2
61 40.6 32.7 49.1

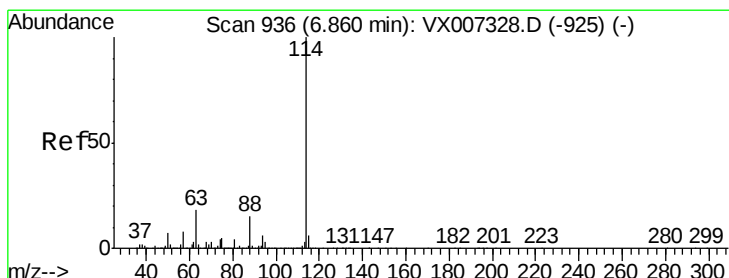
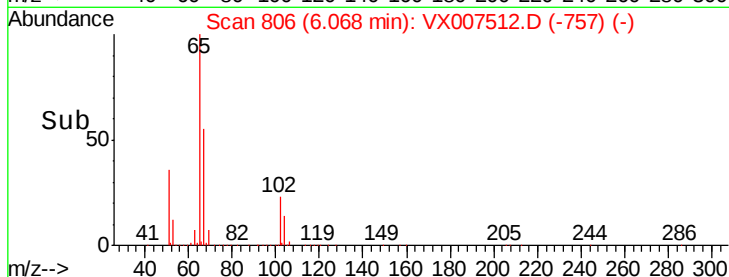
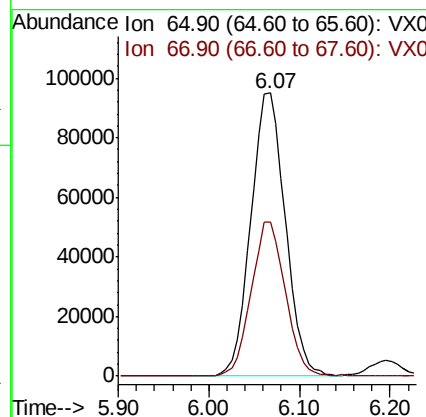
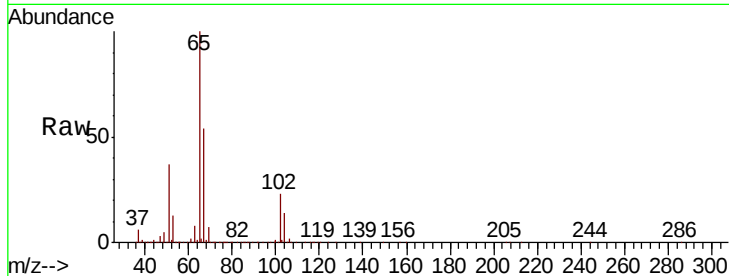




#33
 1,2-Dichloroethane-d4
 Concen: 49.535 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007512.D
 Acq: 13 Feb 2019 10:53

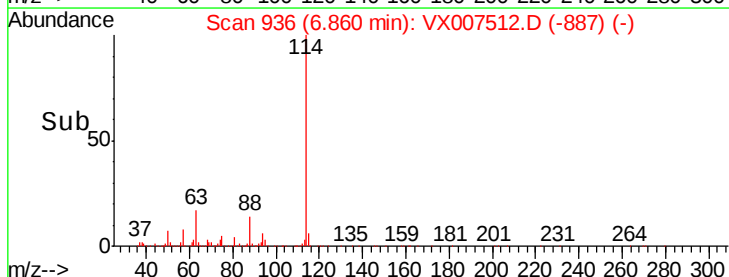
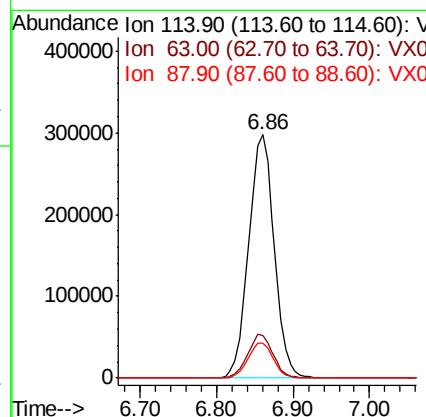
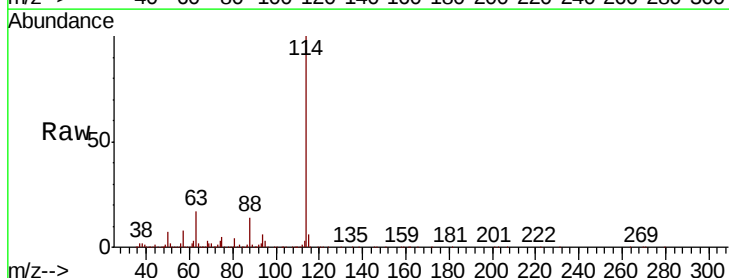
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 250634
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007512.D
 Acq: 13 Feb 2019 10:53

Tgt Ion: 114 Resp: 691685
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 35.6
 88 14.4 0.0 29.6

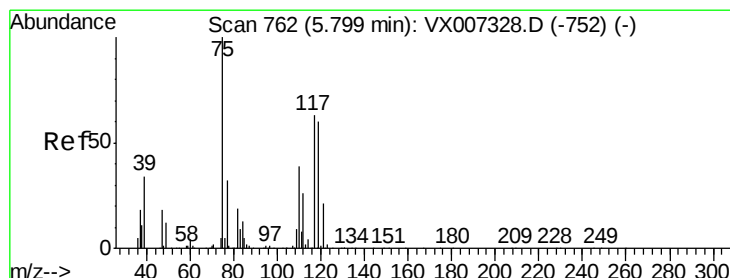
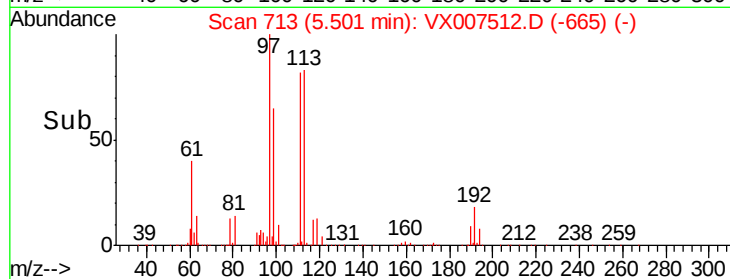
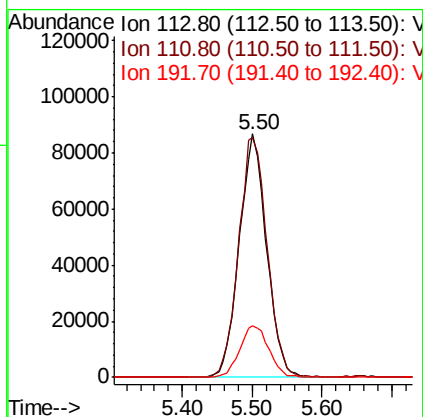
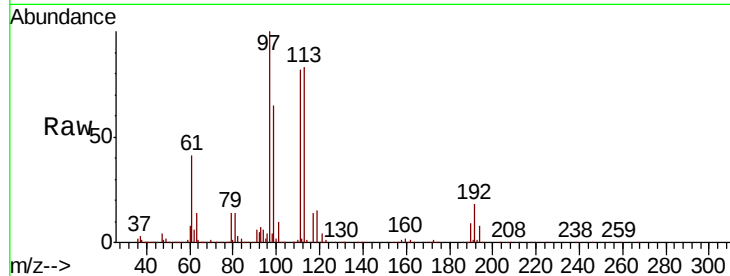




#35
 Dibromofluoromethane
 Concen: 52.165 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: VX007512.D
 Acq: 13 Feb 2019 10:53

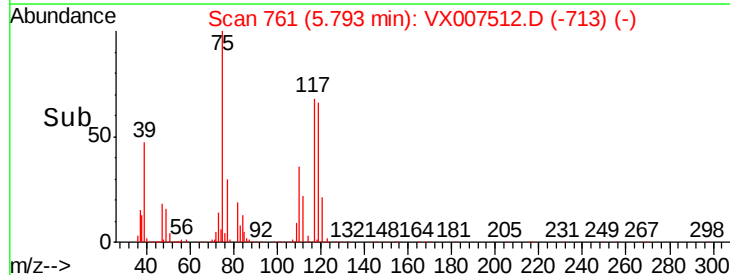
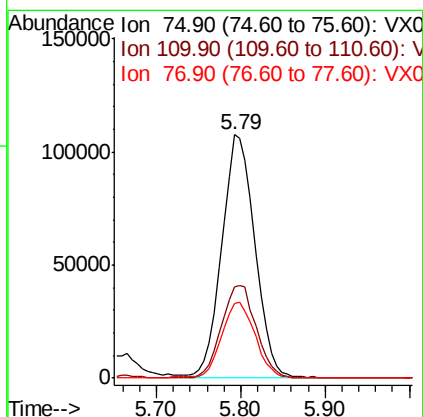
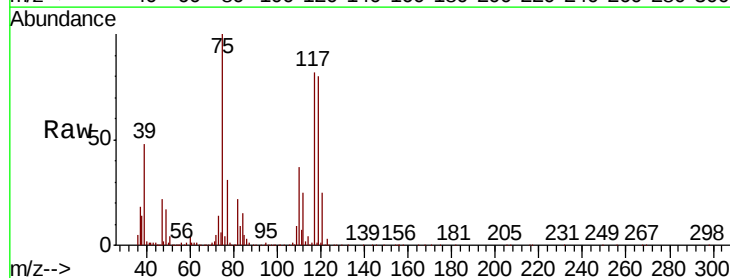
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

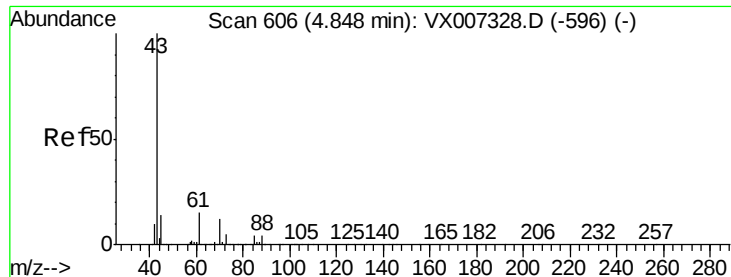
Tgt Ion:113 Resp: 234773
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.8 122.8
 192 22.5 18.5 27.7



#36
 1,1-Dichloropropene
 Concen: 46.325 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX007512.D
 Acq: 13 Feb 2019 10:53

Tgt Ion: 75 Resp: 287494
 Ion Ratio Lower Upper
 75 100
 110 40.0 20.0 59.9
 77 31.5 24.7 37.1

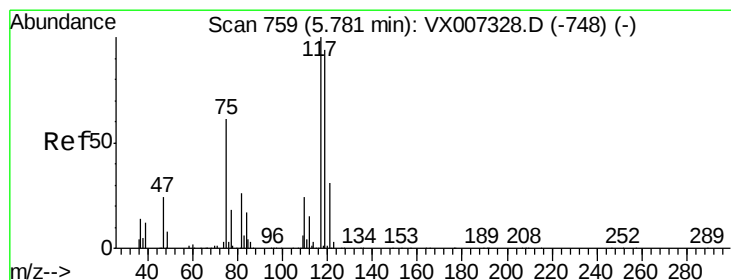
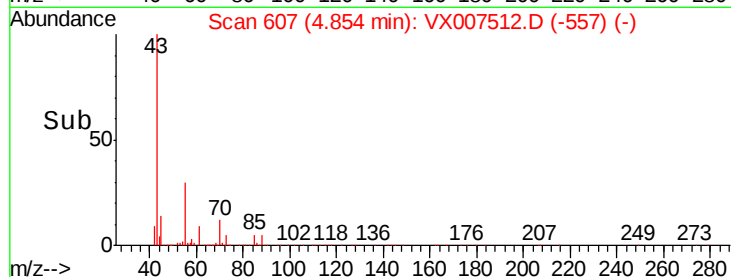
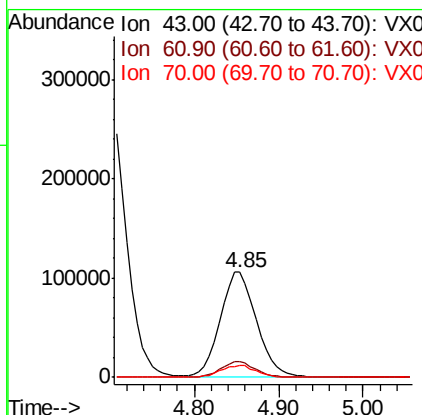
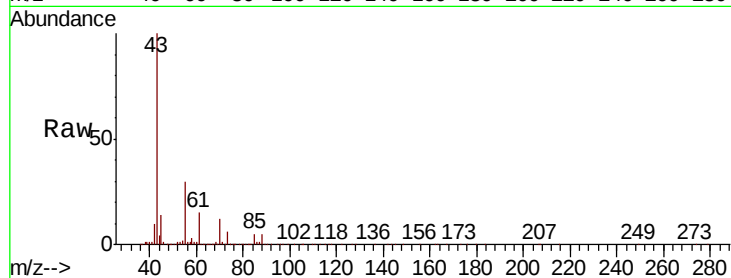




#37
Ethyl Acetate
Concen: 49.448 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX007512.D
Acq: 13 Feb 2019 10:53

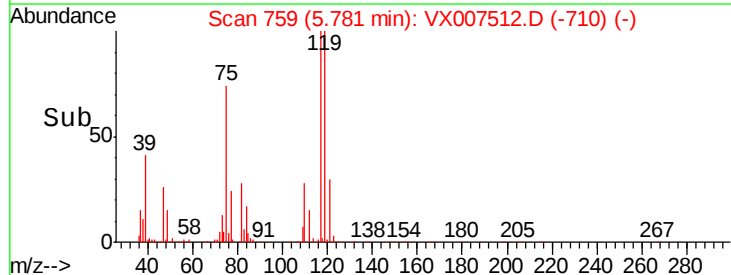
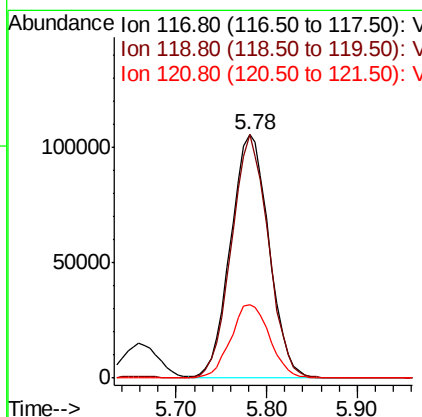
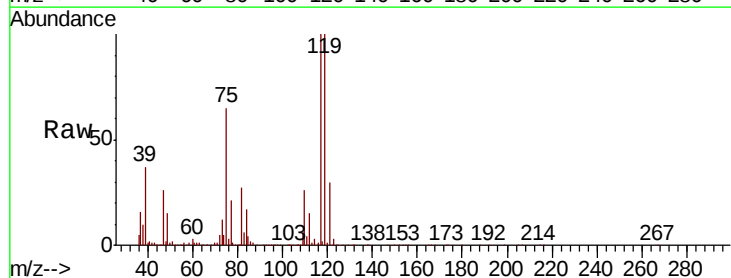
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

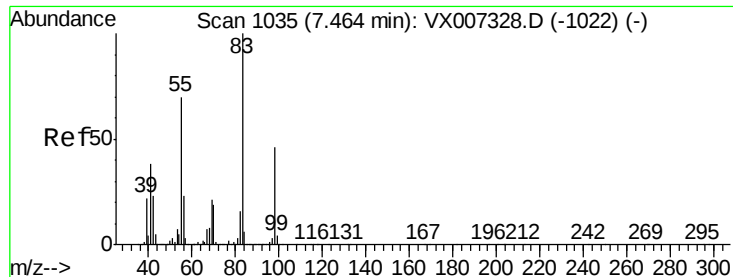
Tgt Ion: 43 Resp: 310216
Ion Ratio Lower Upper
43 100
61 14.4 11.3 16.9
70 11.0 8.6 13.0



#38
Carbon Tetrachloride
Concen: 51.453 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX007512.D
Acq: 13 Feb 2019 10:53

Tgt Ion: 117 Resp: 309792
Ion Ratio Lower Upper
117 100
119 100.1 75.3 112.9
121 29.9 25.0 37.4

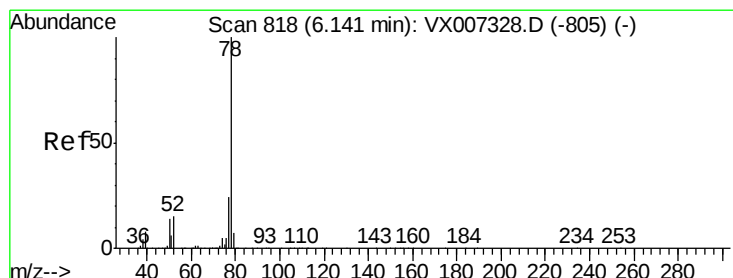
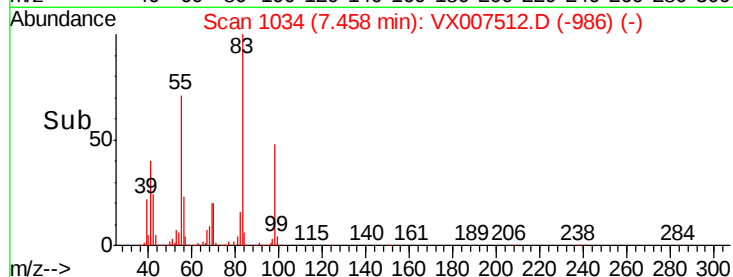
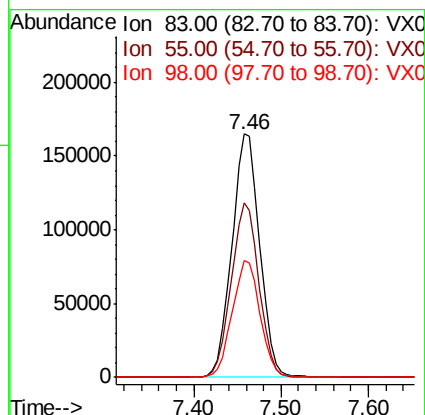
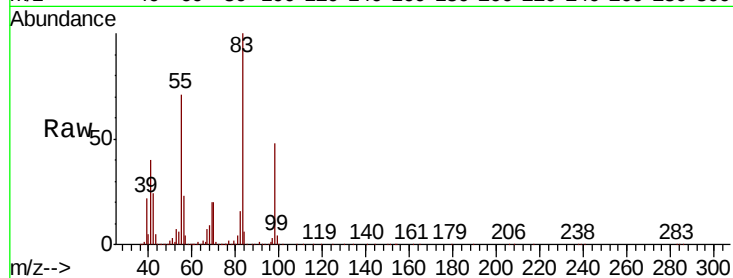




#39
Methylcyclohexane
Concen: 48.650 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007512.D
Acq: 13 Feb 2019 10:53

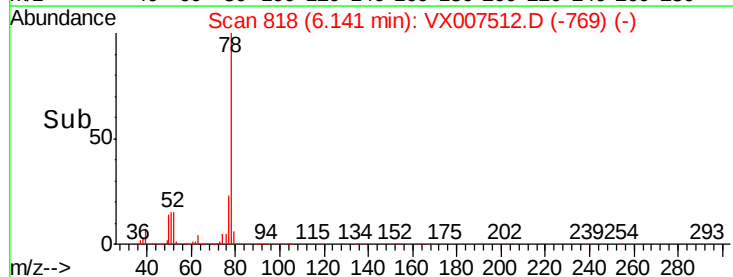
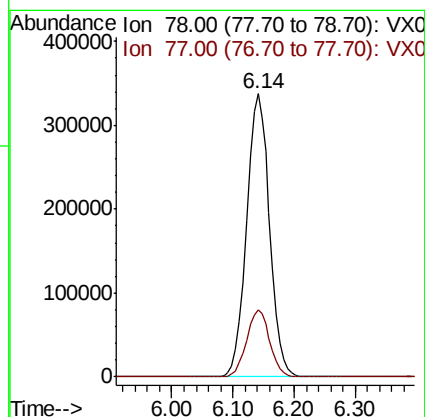
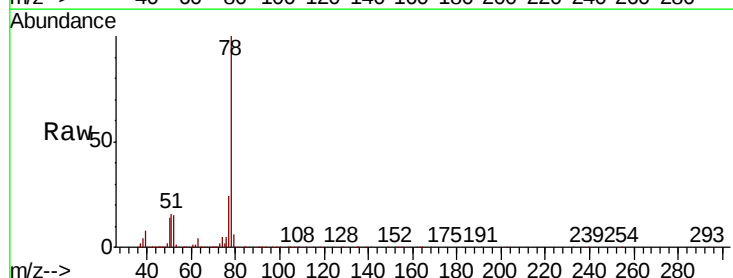
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 365301
Ion Ratio Lower Upper
83 100
55 71.4 56.2 84.2
98 48.2 36.8 55.2



#40
Benzene
Concen: 48.093 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007512.D
Acq: 13 Feb 2019 10:53

Tgt Ion: 78 Resp: 879190
Ion Ratio Lower Upper
78 100
77 23.8 19.3 28.9





#41

Methacrylonitrile

Concen: 51.749 ug/l

RT: 5.06 min Scan# 640

Delta R.T. 0.00 min

Lab File: VX007512.D

Acq: 13 Feb 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 173997

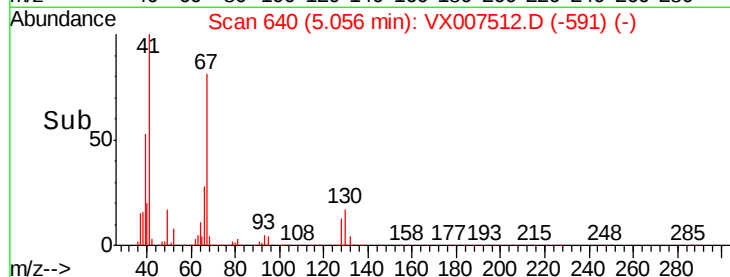
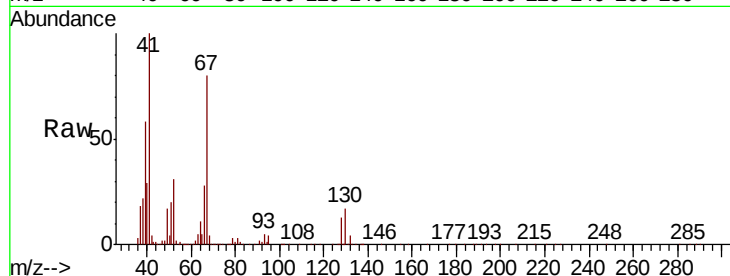
Ion Ratio Lower Upper

41 100

39 54.5 44.5 66.7

67 76.9 60.4 90.6

52 29.3 24.1 36.1

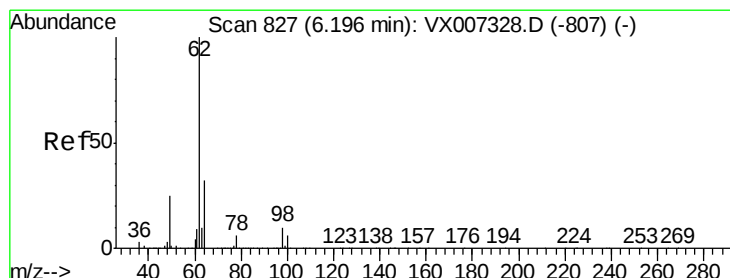
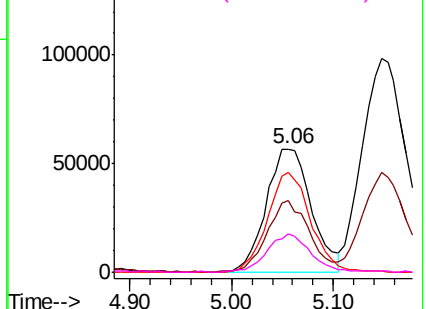


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 47.786 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX007512.D

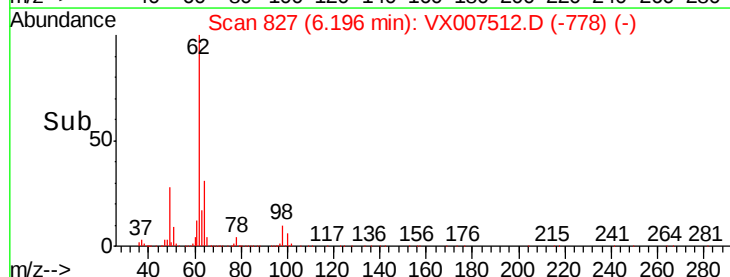
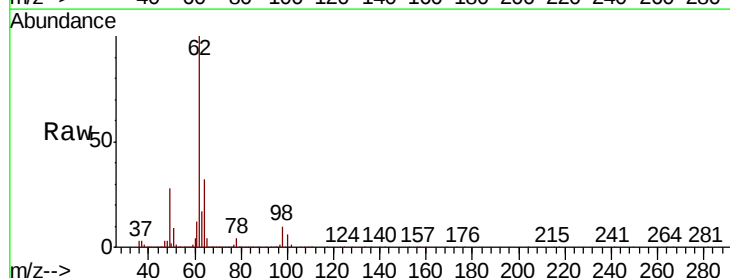
Acq: 13 Feb 2019 10:53

Tgt Ion: 62 Resp: 302258

Ion Ratio Lower Upper

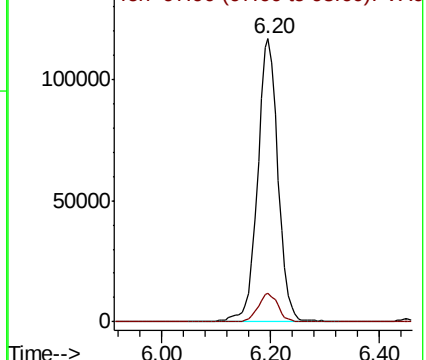
62 100

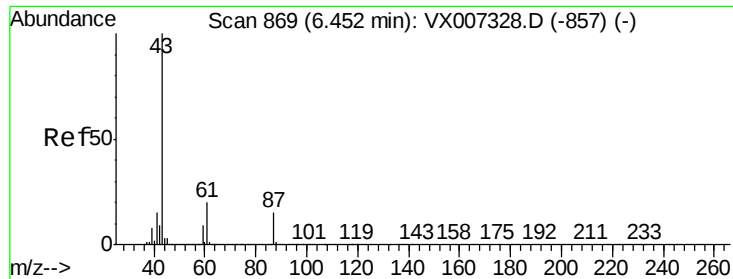
98 10.0 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



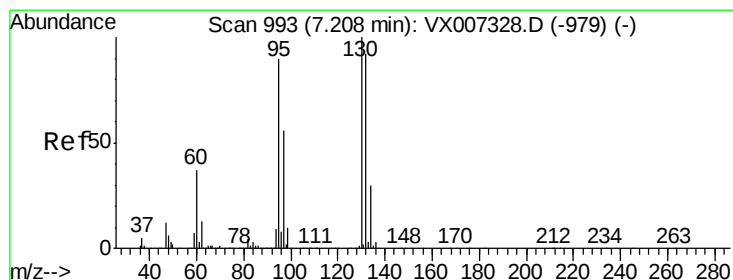
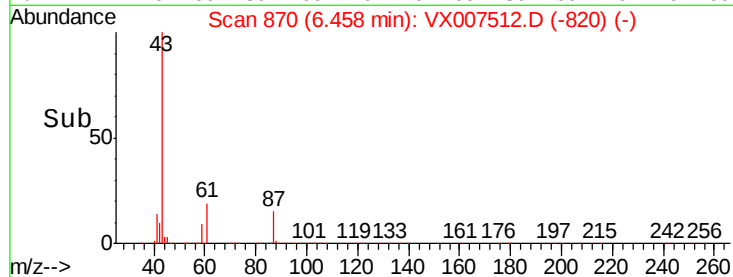
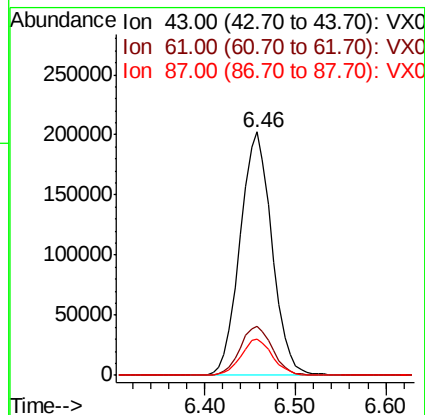
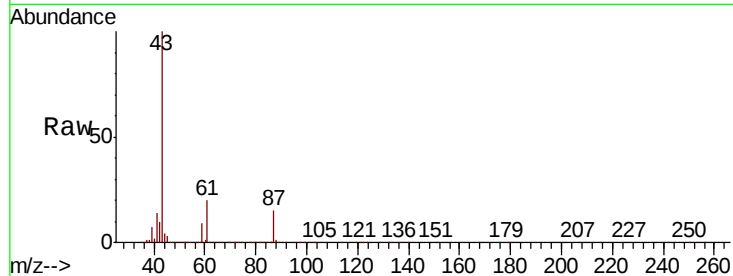


#43

Isopropyl Acetate
 Concen: 50.729 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.01 min
 Lab File: VX007512.D
 Acq: 13 Feb 2019 10:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

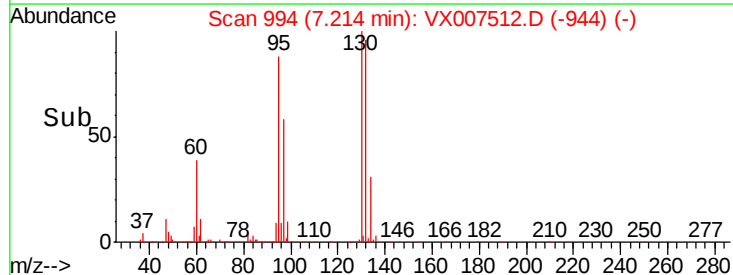
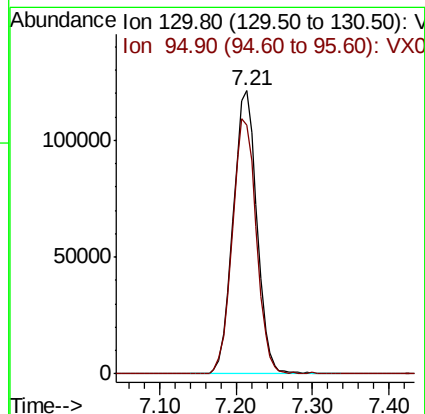
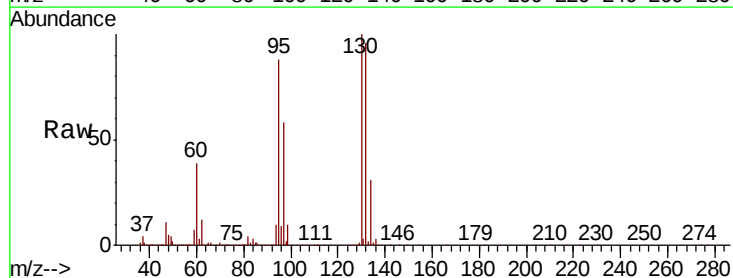
Tgt Ion: 43 Resp: 491226
 Ion Ratio Lower Upper
 43 100
 61 20.5 16.1 24.1
 87 14.7 11.5 17.3

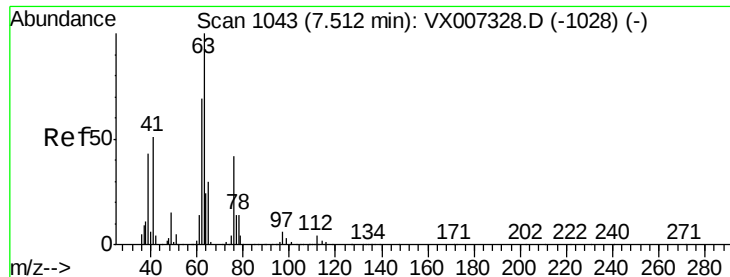


#44

Trichloroethene
 Concen: 47.338 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX007512.D
 Acq: 13 Feb 2019 10:53

Tgt Ion: 130 Resp: 260641
 Ion Ratio Lower Upper
 130 100
 95 87.7 0.0 180.0





#45

1,2-Dichloropropane

Concen: 48.204 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX007512.D

Acq: 13 Feb 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

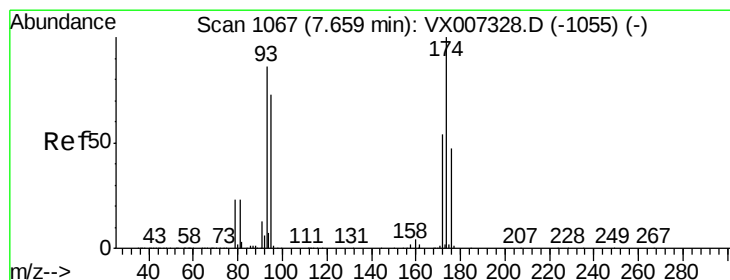
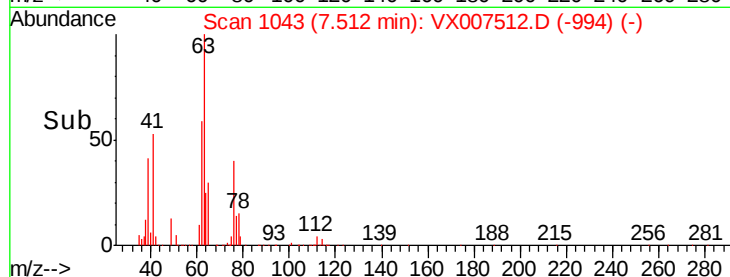
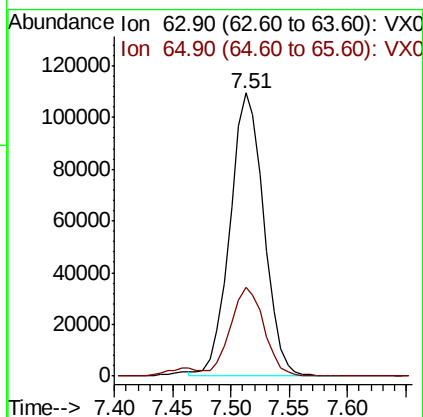
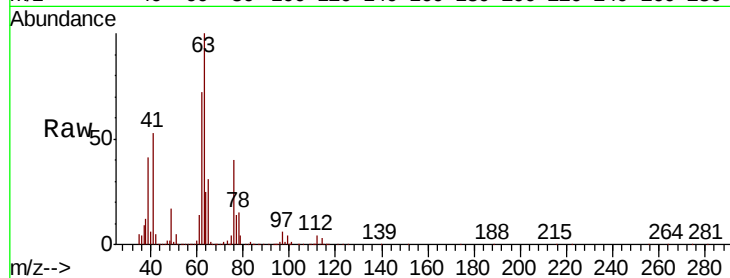
VSTDCCC050

Tgt Ion: 63 Resp: 220795

Ion Ratio Lower Upper

63 100

65 31.2 24.2 36.2



#46

Dibromomethane

Concen: 48.339 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX007512.D

Acq: 13 Feb 2019 10:53

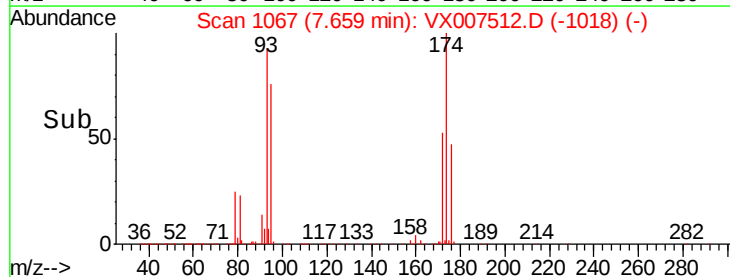
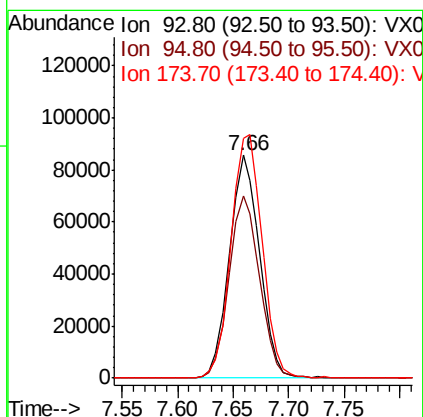
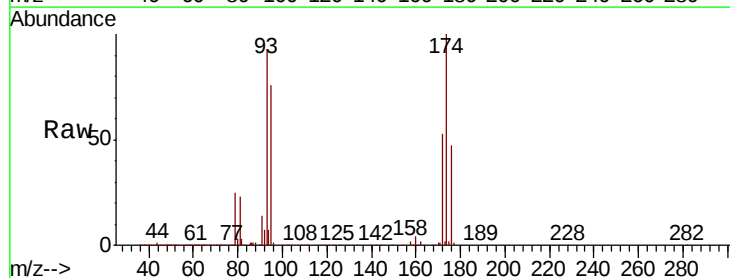
Tgt Ion: 93 Resp: 160923

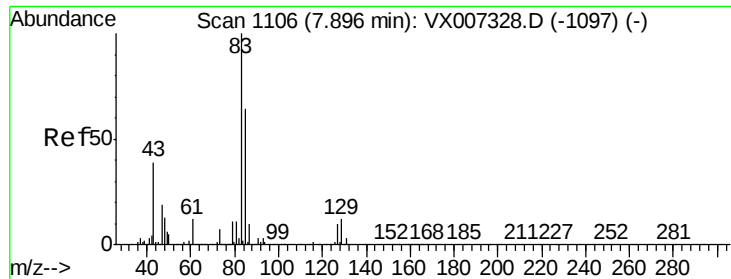
Ion Ratio Lower Upper

93 100

95 82.9 67.6 101.4

174 112.7 94.2 141.4





#47

Bromodichloromethane

Concen: 51.909 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007512.D

Acq: 13 Feb 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

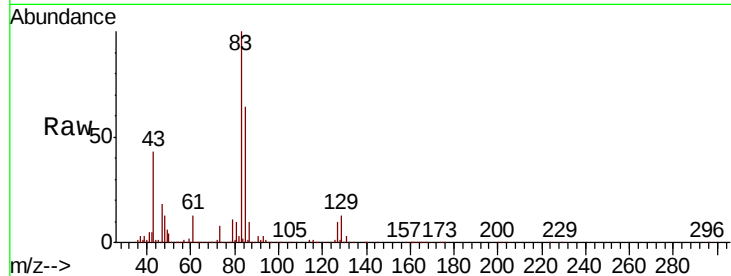
Tgt Ion: 83 Resp: 292873

Ion Ratio Lower Upper

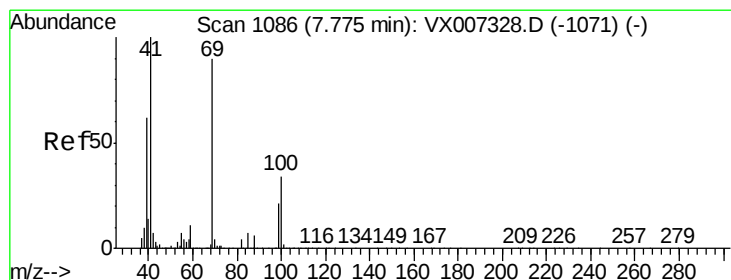
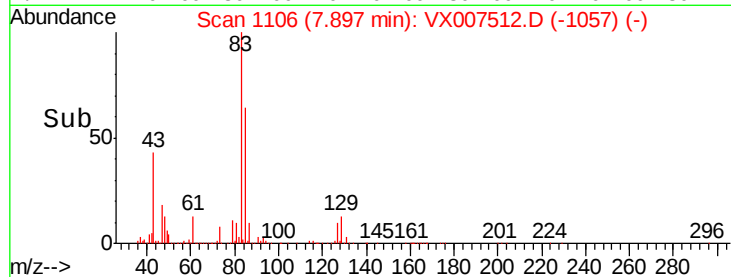
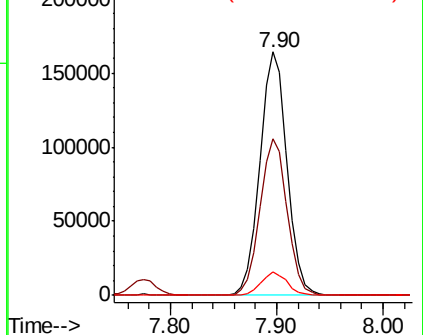
83 100

85 64.1 51.4 77.0

127 9.8 8.1 12.1



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



#48

Methyl methacrylate

Concen: 51.461 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX007512.D

Acq: 13 Feb 2019 10:53

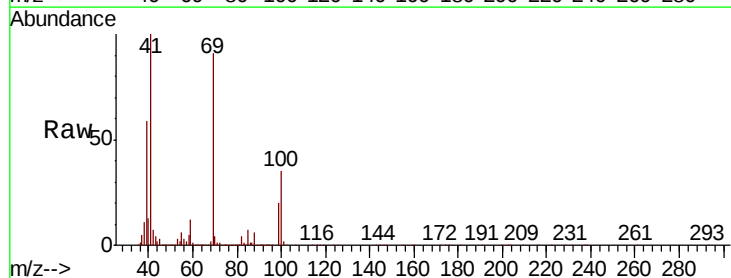
Tgt Ion: 41 Resp: 249254

Ion Ratio Lower Upper

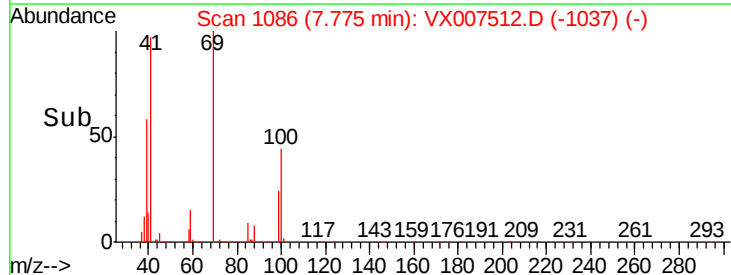
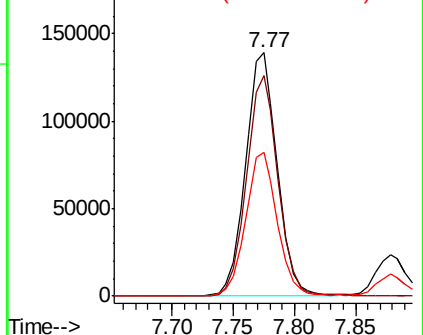
41 100

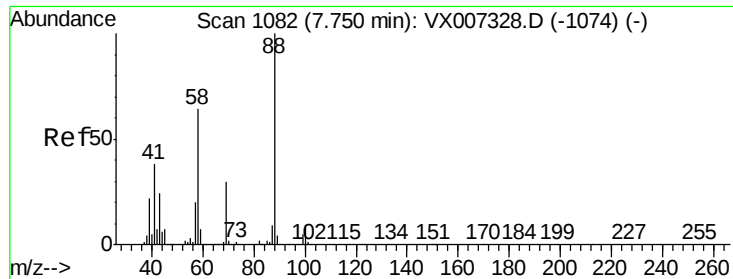
69 90.1 70.2 105.4

39 59.0 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

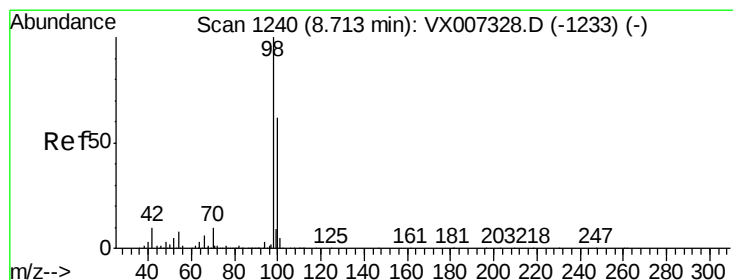
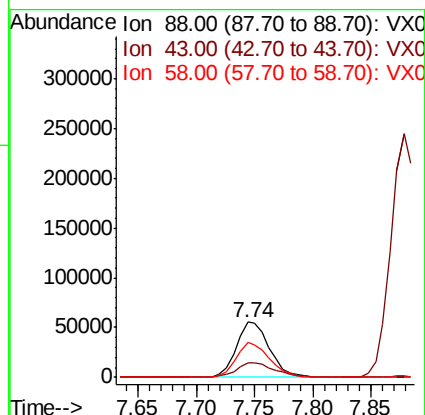
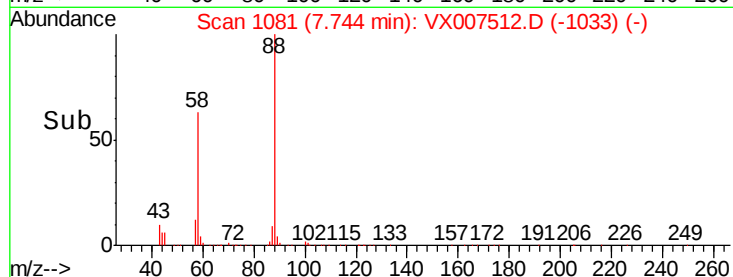
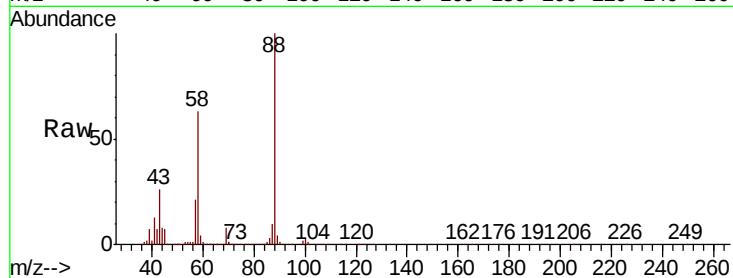




#49
1,4-Dioxane
Concen: 1000.463 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. -0.01 min
Lab File: VX007512.D
Acq: 13 Feb 2019 10:53

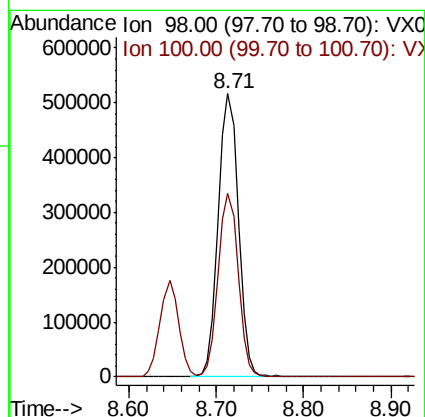
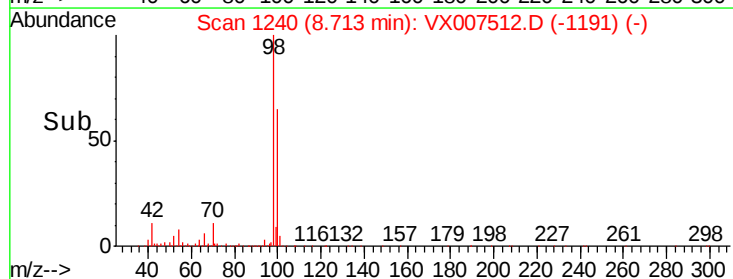
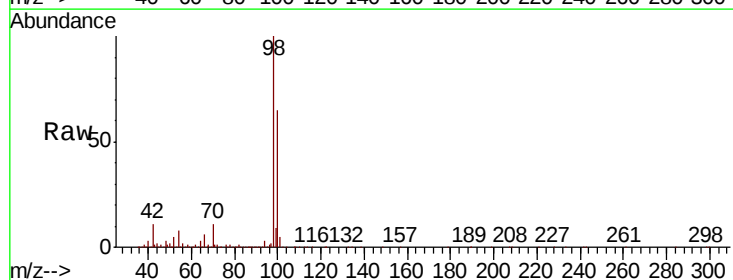
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

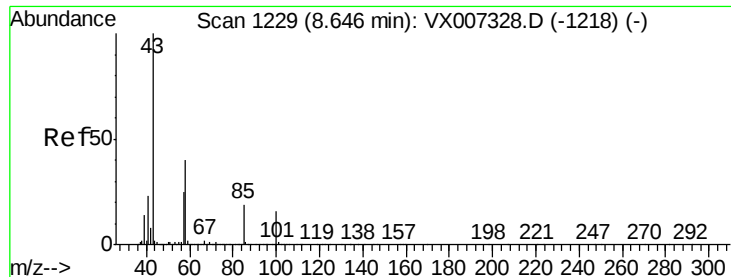
Tgt Ion: 88 Resp: 110203
Ion Ratio Lower Upper
88 100
43 31.5 24.2 36.4
58 63.1 53.0 79.4



#50
Toluene-d8
Concen: 49.577 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007512.D
Acq: 13 Feb 2019 10:53

Tgt Ion: 98 Resp: 827829
Ion Ratio Lower Upper
98 100
100 64.5 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 252.322 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007512.D

Acq: 13 Feb 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

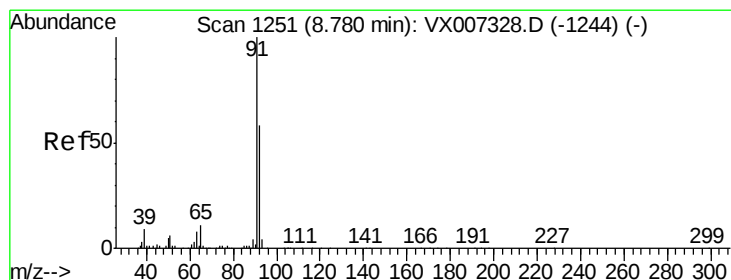
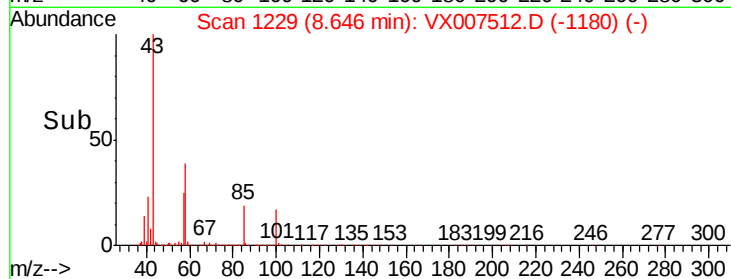
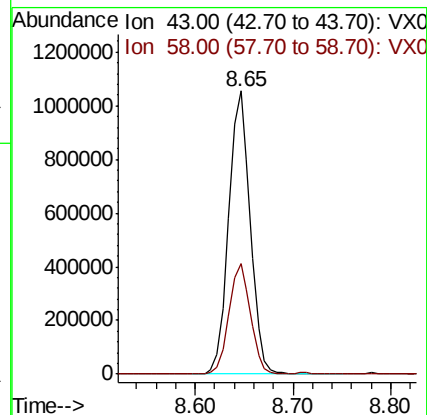
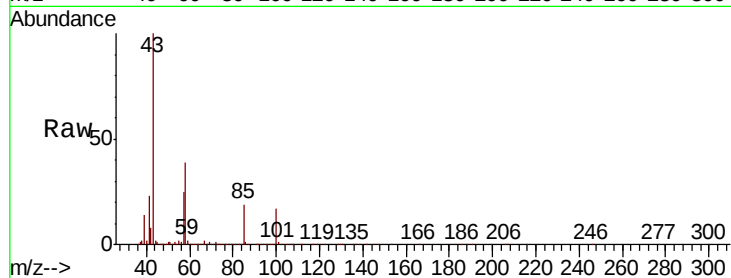
VSTDCCC050

Tgt Ion: 43 Resp: 1608449

Ion Ratio Lower Upper

43 100

58 38.9 31.2 46.8



#52

Toluene

Concen: 47.269 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX007512.D

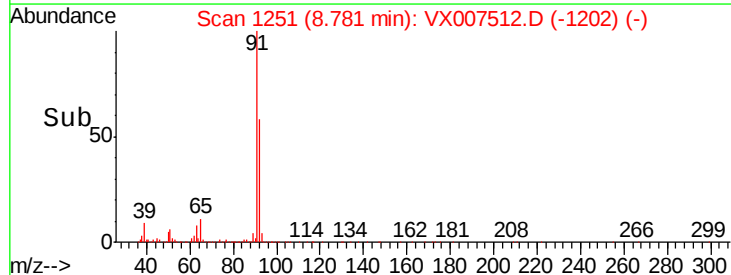
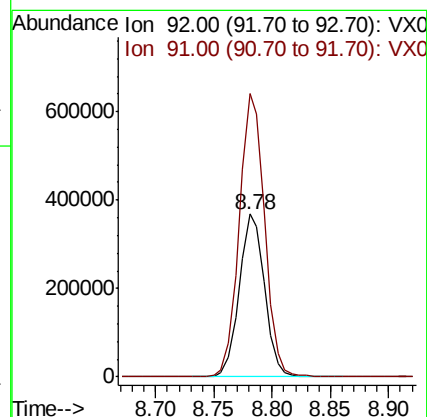
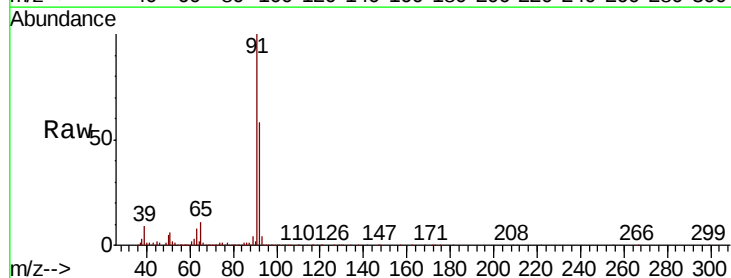
Acq: 13 Feb 2019 10:53

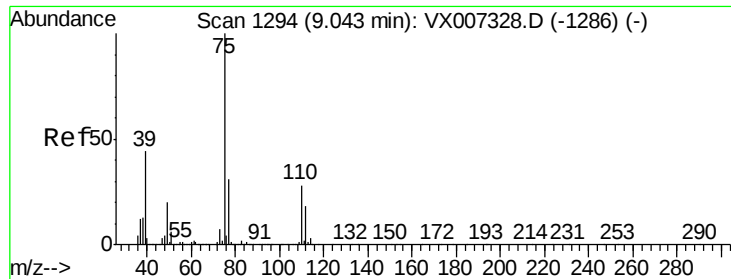
Tgt Ion: 92 Resp: 557535

Ion Ratio Lower Upper

92 100

91 174.5 139.1 208.7

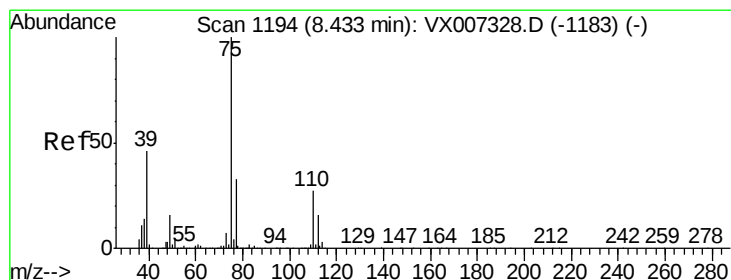
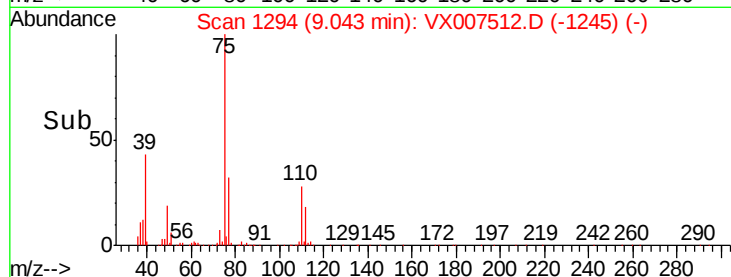
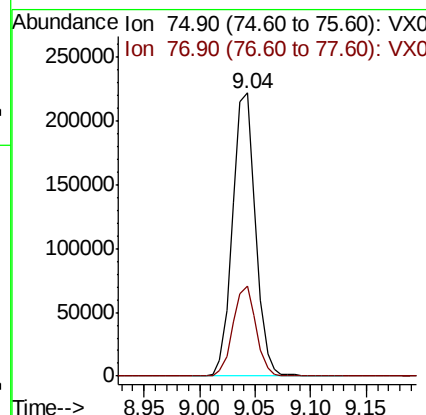
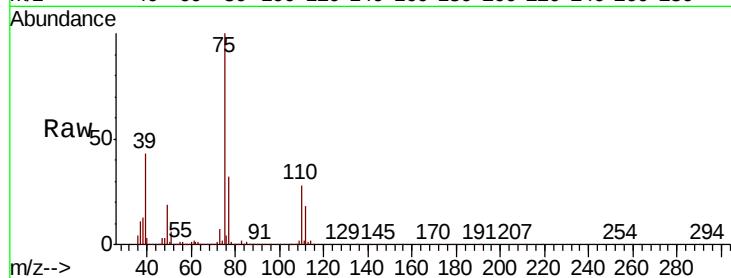




#53
 t-1,3-Dichloropropene
 Concen: 52.167 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX007512.D
 Acq: 13 Feb 2019 10:53

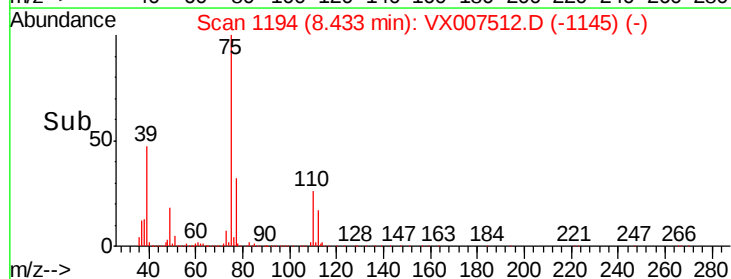
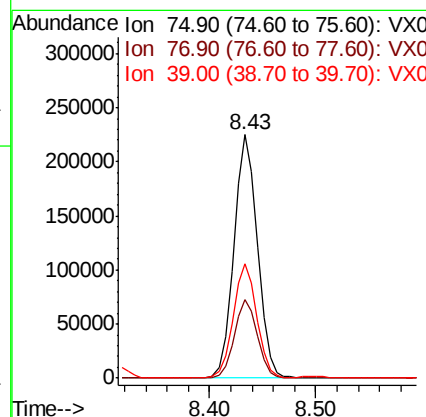
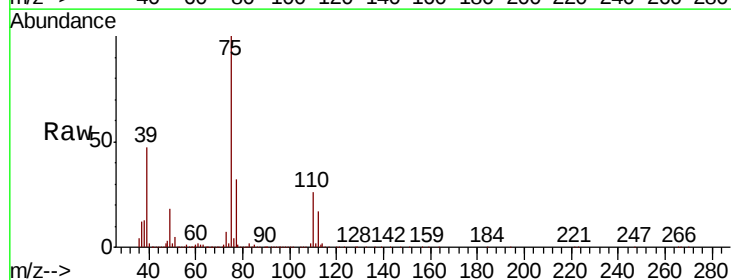
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

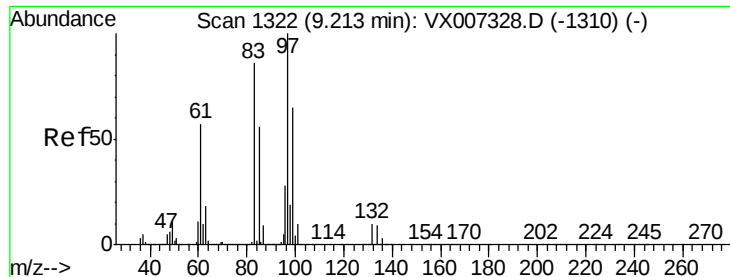
Tgt Ion: 75 Resp: 316149
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 52.477 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX007512.D
 Acq: 13 Feb 2019 10:53

Tgt Ion: 75 Resp: 349739
 Ion Ratio Lower Upper
 75 100
 77 32.2 26.2 39.4
 39 46.8 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 48.520 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX007512.D

Acq: 13 Feb 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 238552

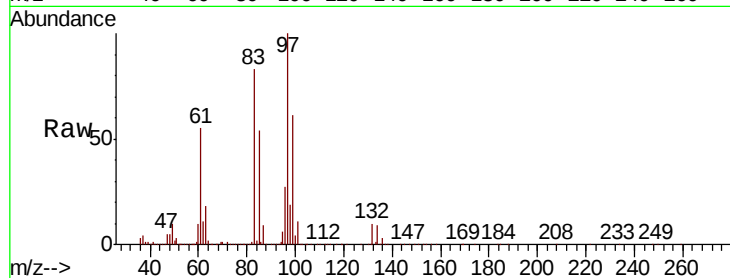
Ion Ratio Lower Upper

97 100

83 83.0 68.6 102.8

85 53.6 44.5 66.7

99 61.4 52.2 78.4

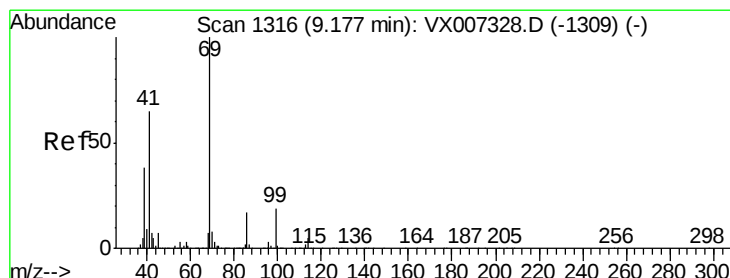
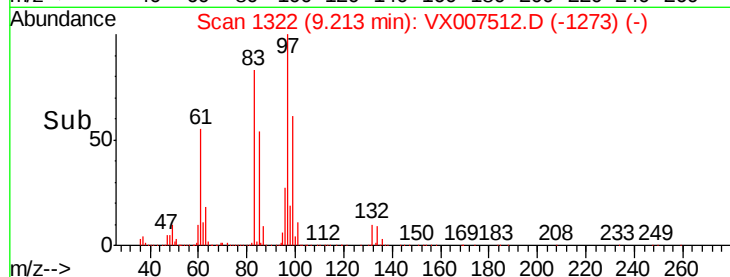
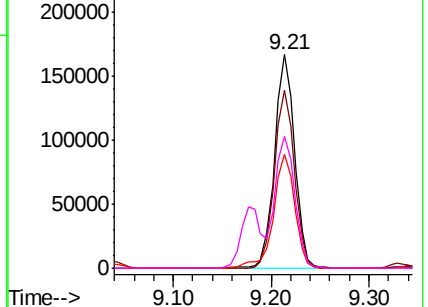


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 49.710 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX007512.D

Acq: 13 Feb 2019 10:53

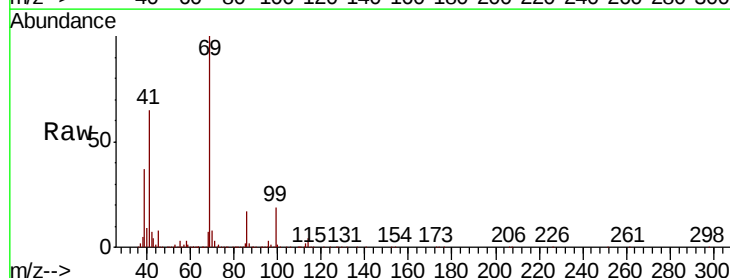
Tgt Ion: 69 Resp: 338500

Ion Ratio Lower Upper

69 100

41 63.5 52.1 78.1

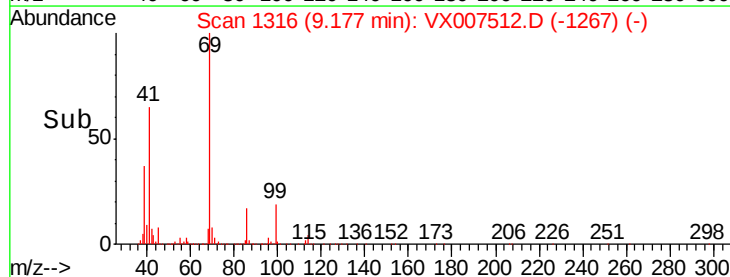
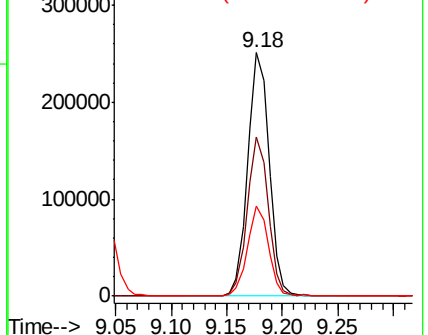
39 35.9 30.1 45.1



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 48.157 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007512.D

Acq: 13 Feb 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

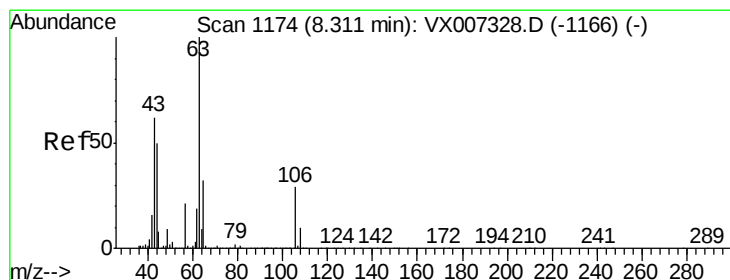
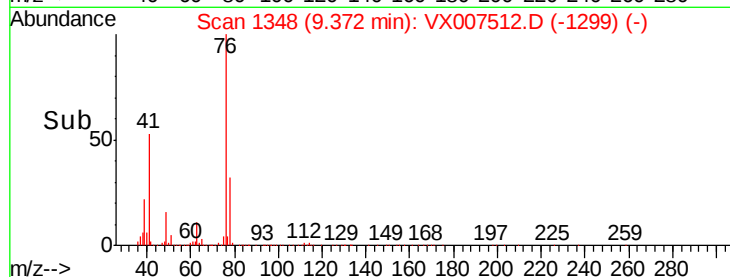
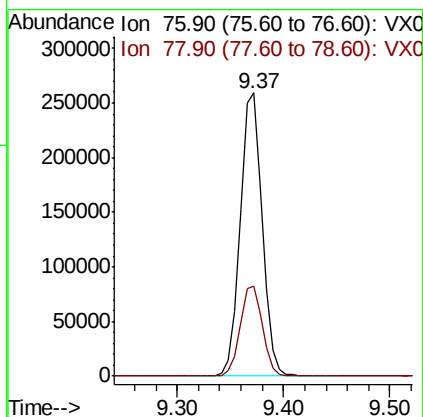
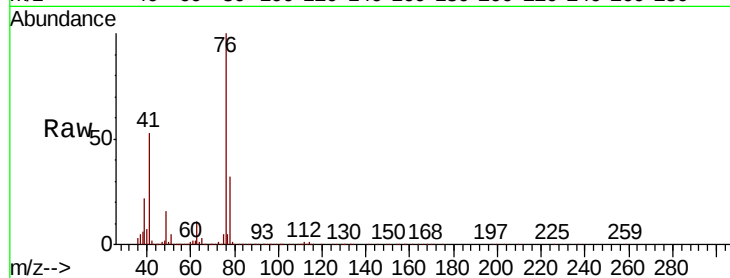
VSTDCCC050

Tgt Ion: 76 Resp: 376530

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 251.478 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007512.D

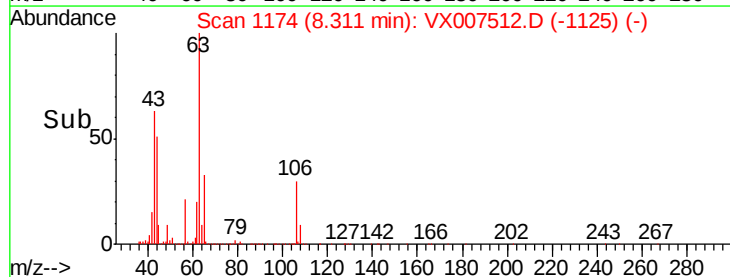
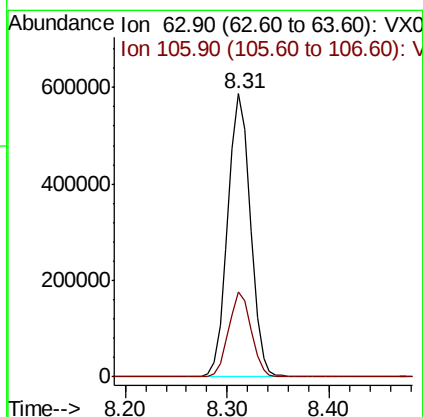
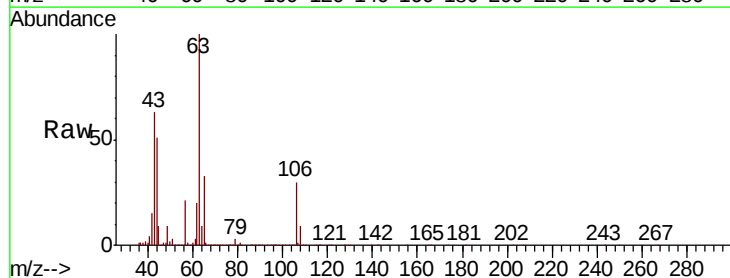
Acq: 13 Feb 2019 10:53

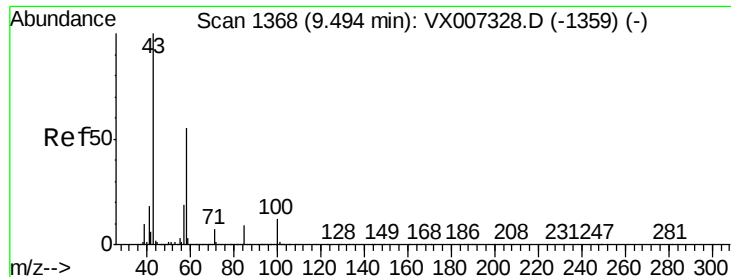
Tgt Ion: 63 Resp: 902603

Ion Ratio Lower Upper

63 100

106 29.7 23.6 35.4

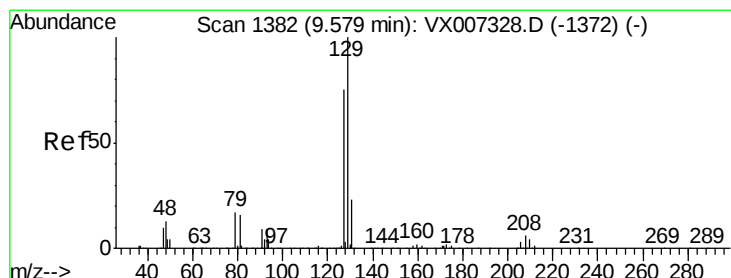
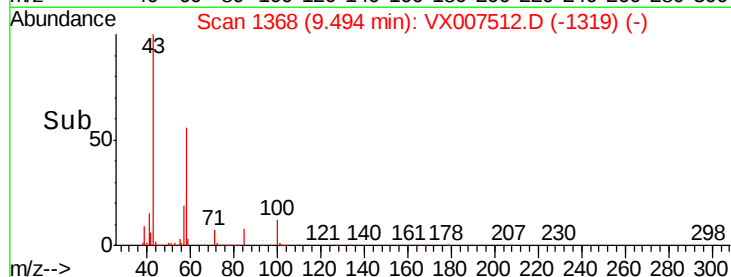
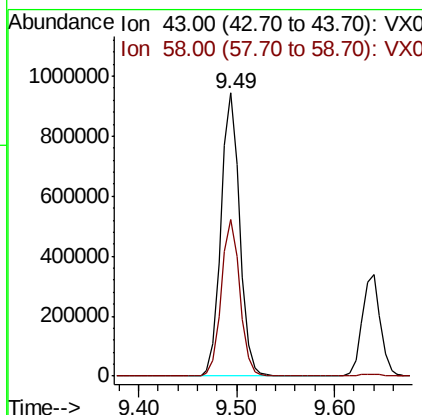
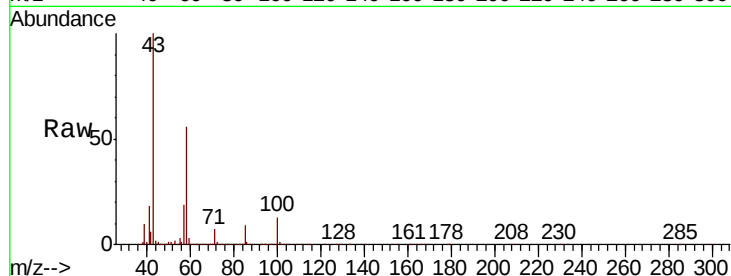




#59
2-Hexanone
Concen: 251.368 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007512.D
Acq: 13 Feb 2019 10:53

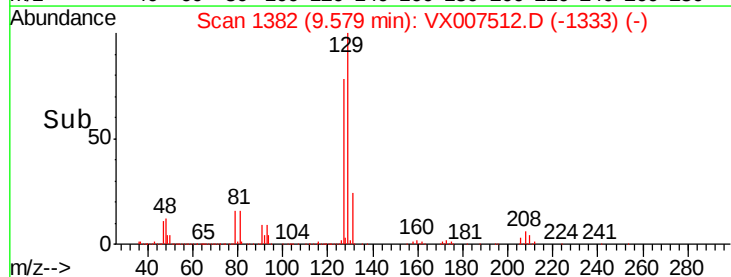
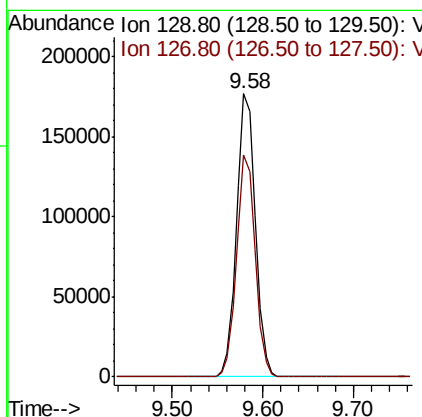
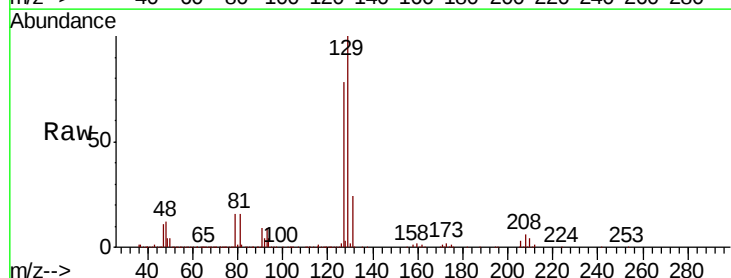
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

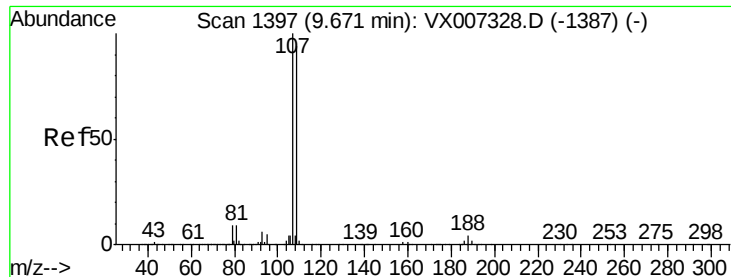
Tgt Ion: 43 Resp: 1246907
Ion Ratio Lower Upper
43 100
58 55.4 27.1 81.3



#60
Dibromochloromethane
Concen: 54.748 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX007512.D
Acq: 13 Feb 2019 10:53

Tgt Ion: 129 Resp: 254575
Ion Ratio Lower Upper
129 100
127 78.0 37.8 113.4





#61

1,2-Dibromoethane

Concen: 49.522 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007512.D

Acq: 13 Feb 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

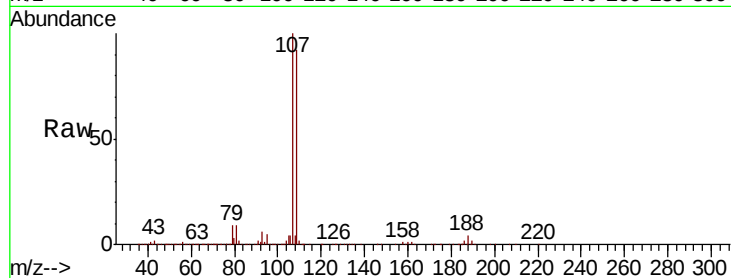
VSTDCCC050

Tgt Ion: 107 Resp: 257846

Ion Ratio Lower Upper

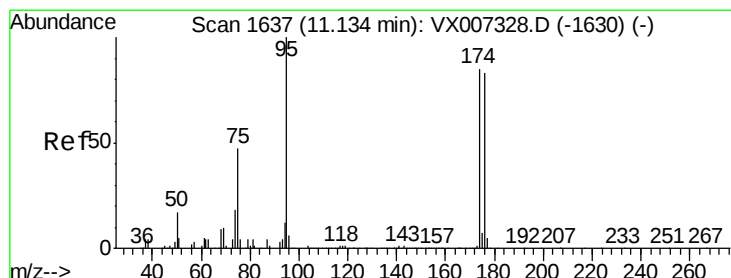
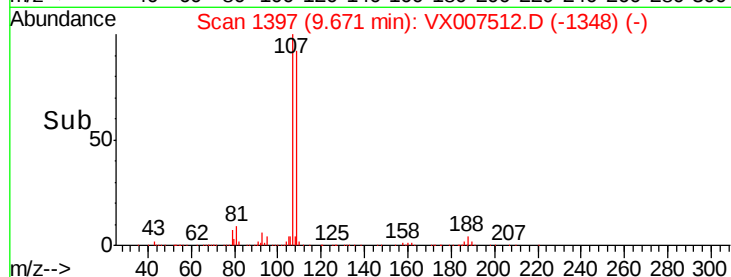
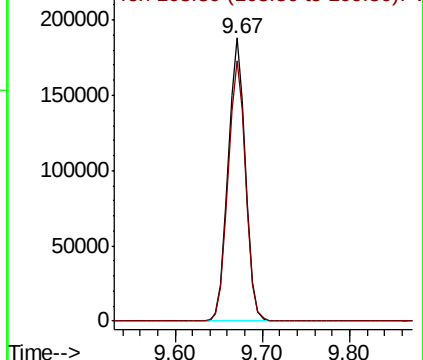
107 100

109 93.1 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.742 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007512.D

Acq: 13 Feb 2019 10:53

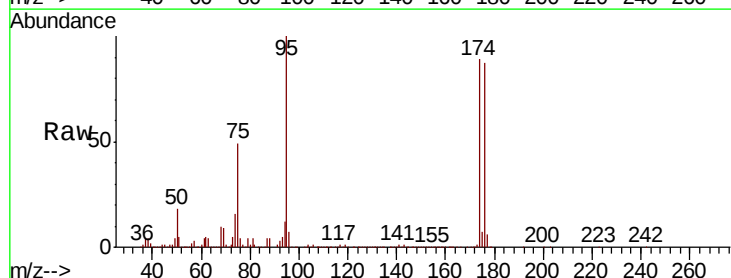
Tgt Ion: 95 Resp: 297153

Ion Ratio Lower Upper

95 100

174 92.9 0.0 189.2

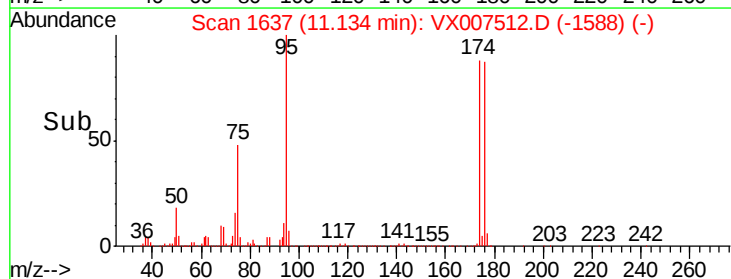
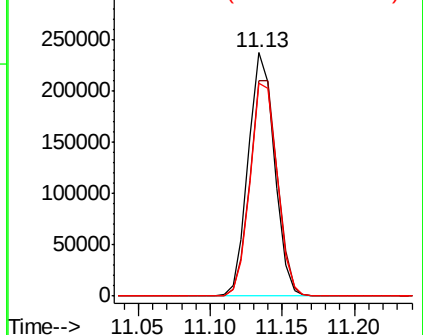
176 90.5 0.0 186.2

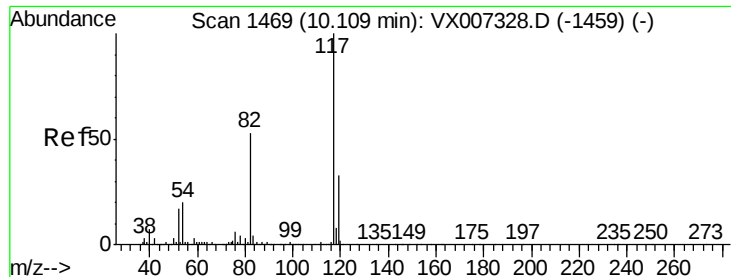


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

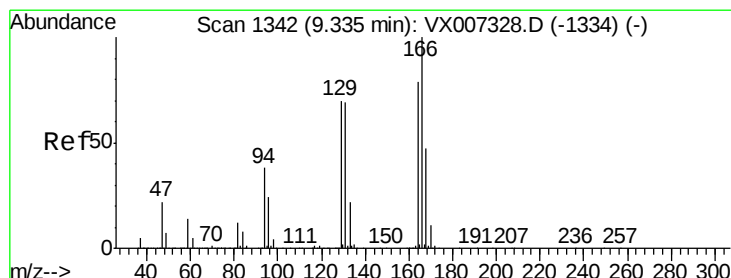
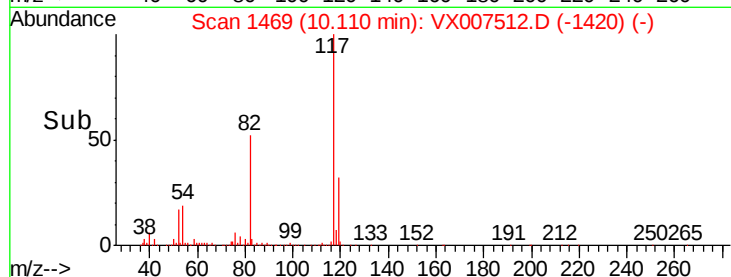
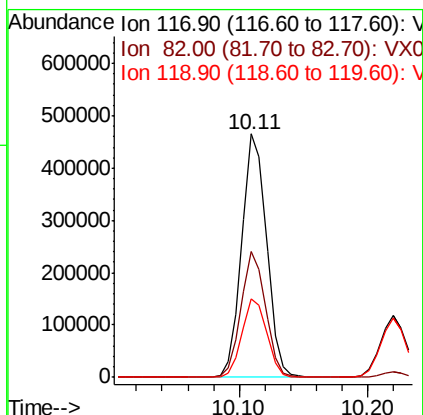
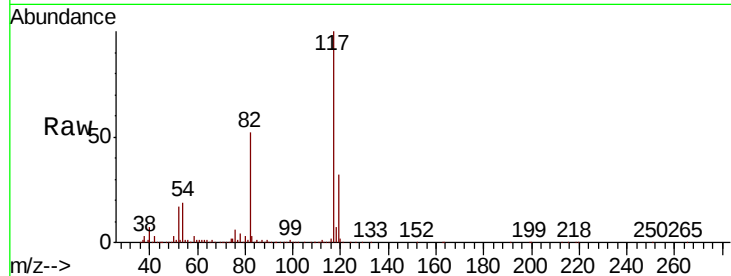




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007512.D
Acq: 13 Feb 2019 10:53

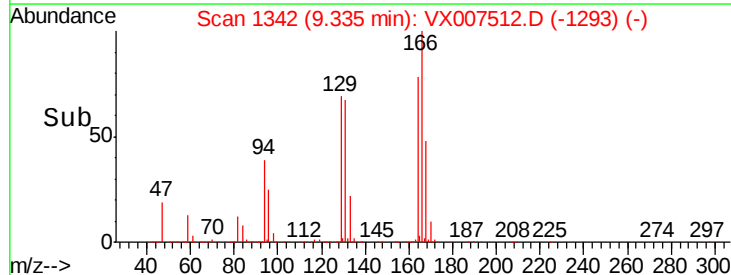
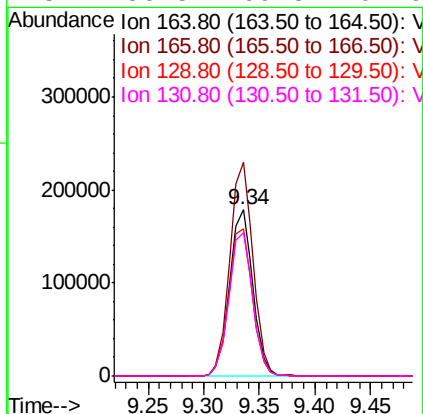
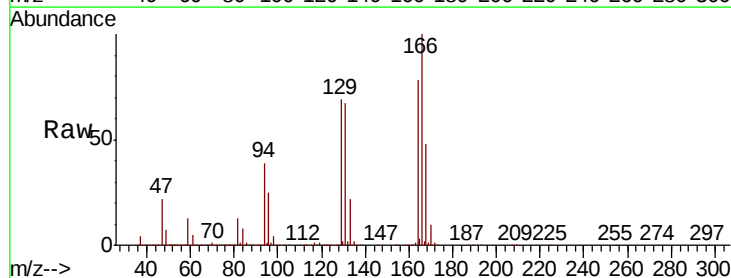
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 621402
Ion Ratio Lower Upper
117 100
82 51.9 42.1 63.1
119 32.0 26.5 39.7



#64
Tetrachloroethene
Concen: 44.110 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007512.D
Acq: 13 Feb 2019 10:53

Tgt Ion:164 Resp: 258346
Ion Ratio Lower Upper
164 100
166 128.4 101.0 151.4
129 88.3 70.5 105.7
131 86.5 69.8 104.6

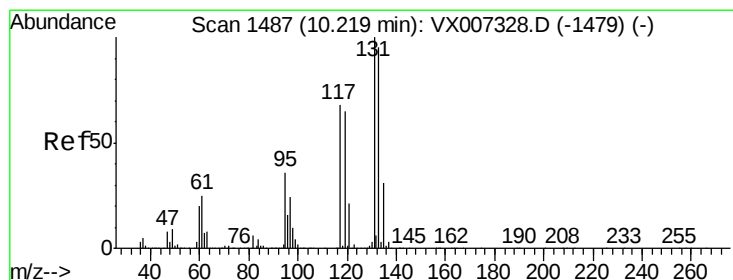
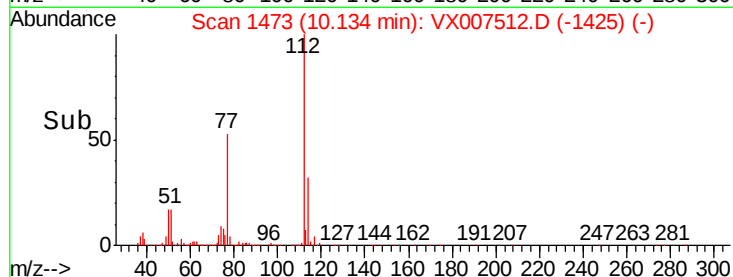
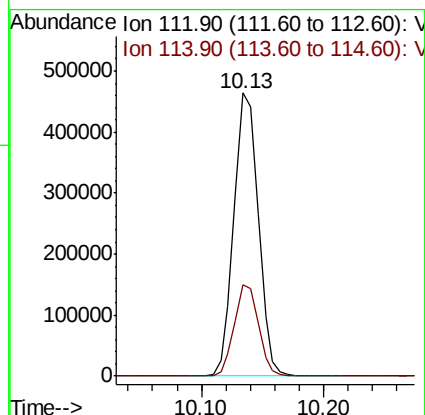
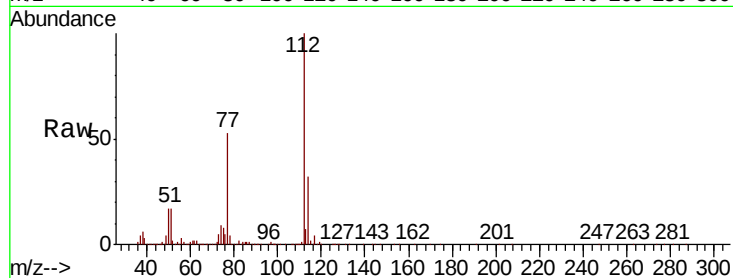




#65
Chlorobenzene
Concen: 47.258 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX007512.D
Acq: 13 Feb 2019 10:53

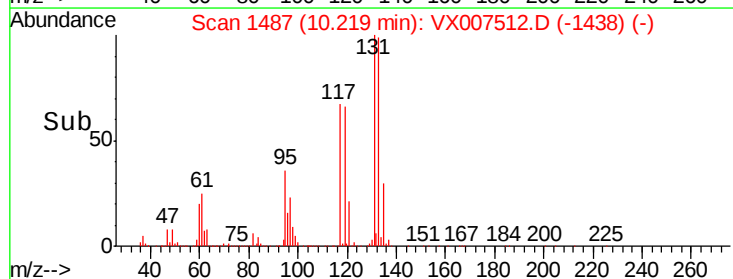
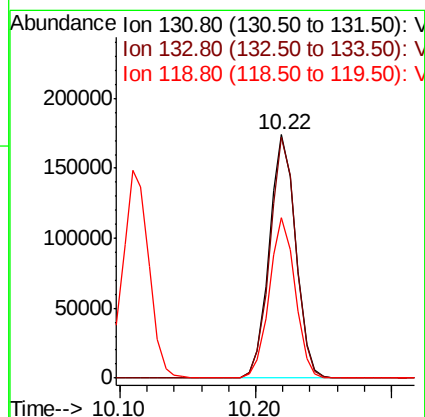
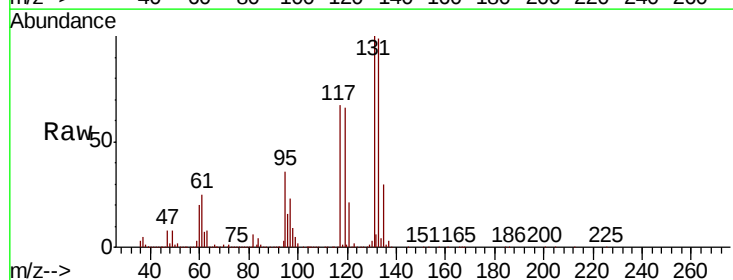
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

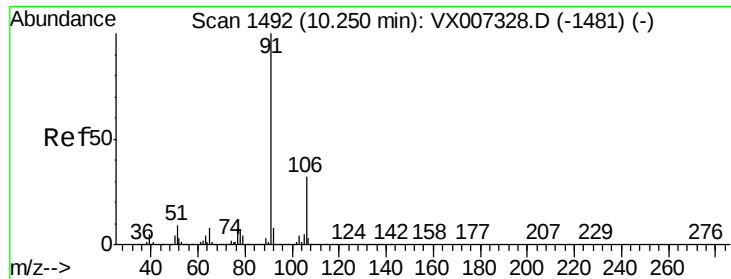
Tgt Ion:112 Resp: 640826
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 52.219 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX007512.D
Acq: 13 Feb 2019 10:53

Tgt Ion:131 Resp: 237406
Ion Ratio Lower Upper
131 100
133 97.3 48.0 144.2
119 64.8 32.0 96.0

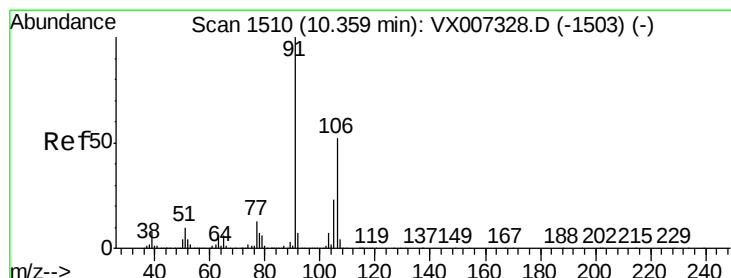
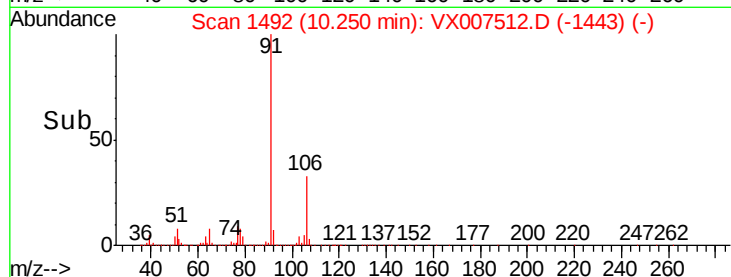
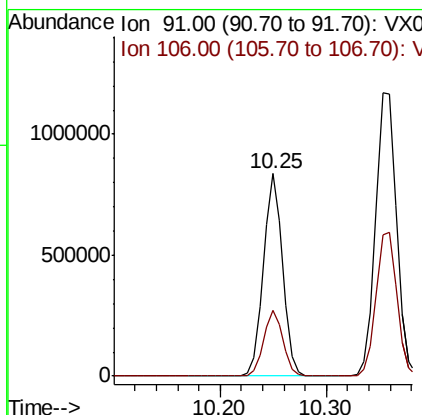
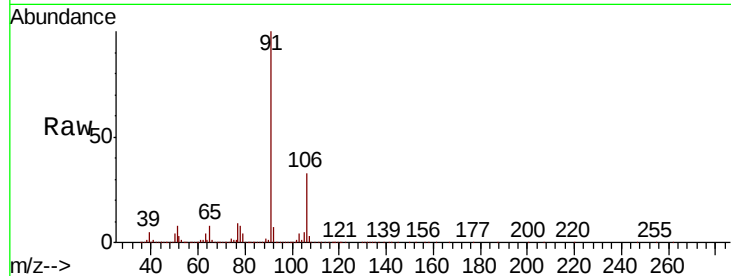




#67
Ethyl Benzene
Concen: 48.342 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX007512.D
Acq: 13 Feb 2019 10:53

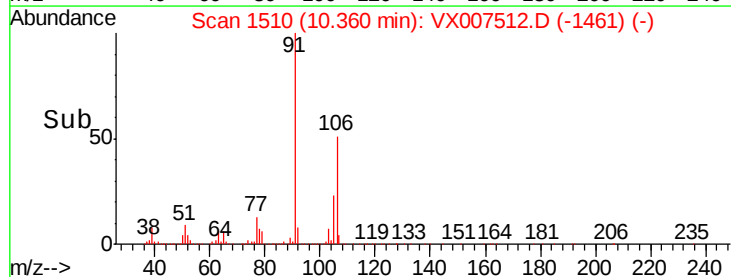
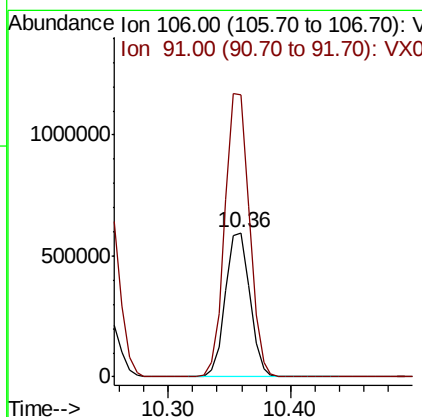
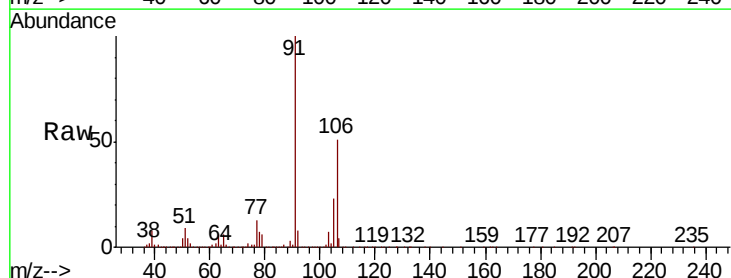
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

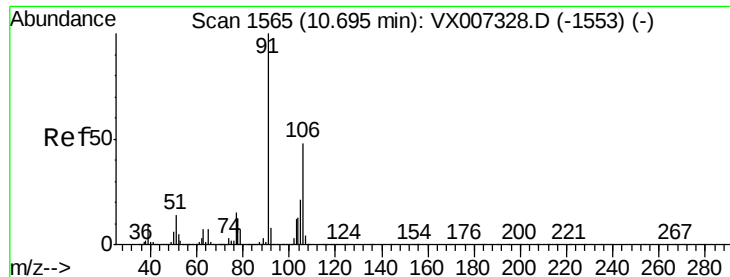
Tgt Ion: 91 Resp: 1055655
Ion Ratio Lower Upper
91 100
106 32.7 25.4 38.0



#68
m/p-Xylenes
Concen: 94.909 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX007512.D
Acq: 13 Feb 2019 10:53

Tgt Ion: 106 Resp: 823860
Ion Ratio Lower Upper
106 100
91 197.3 156.6 234.8

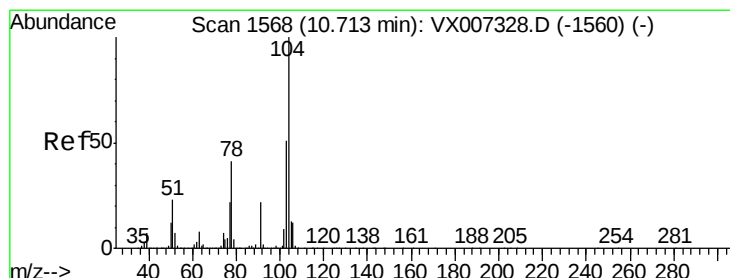
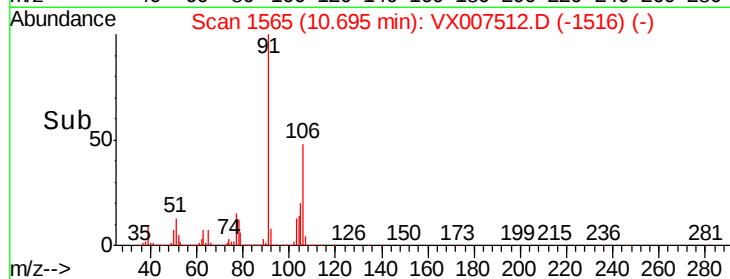
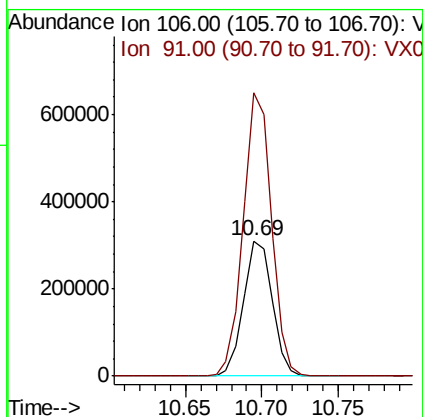
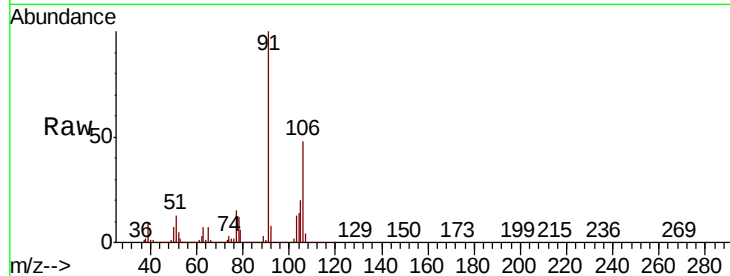




#69
o-Xylene
Concen: 48.510 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX007512.D
Acq: 13 Feb 2019 10:53

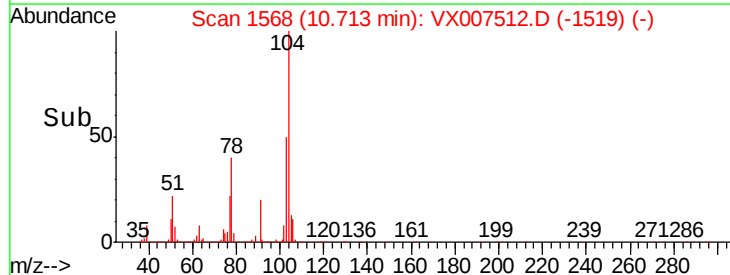
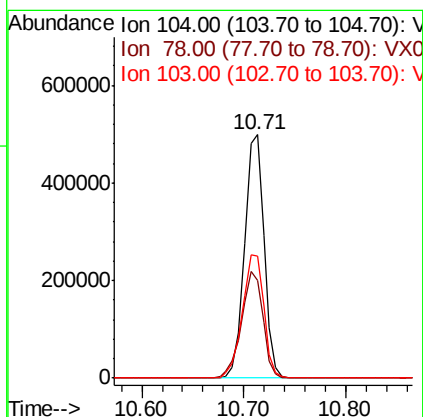
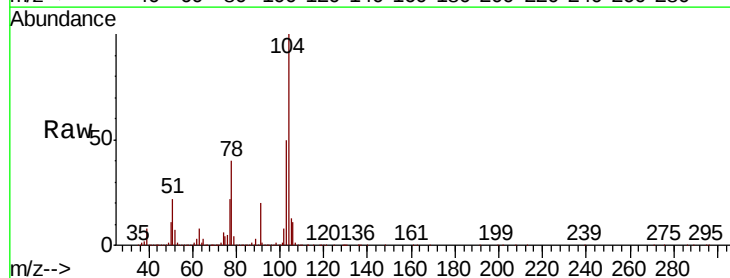
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

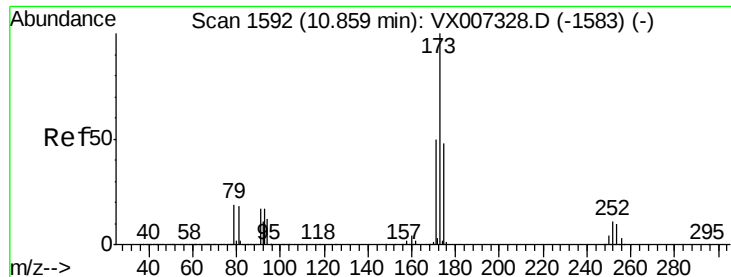
Tgt Ion:106 Resp: 405196
Ion Ratio Lower Upper
106 100
91 205.9 102.9 308.7



#70
Styrene
Concen: 48.801 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007512.D
Acq: 13 Feb 2019 10:53

Tgt Ion:104 Resp: 661070
Ion Ratio Lower Upper
104 100
78 47.7 38.3 57.5
103 55.8 44.6 67.0





#71

Bromoform

Concen: 48.062 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007512.D

Acq: 13 Feb 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

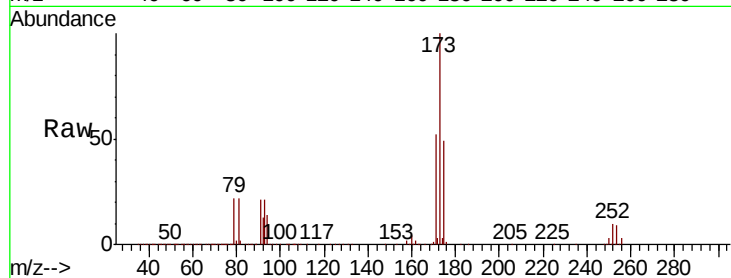
Tgt Ion:173 Resp: 190970

Ion Ratio Lower Upper

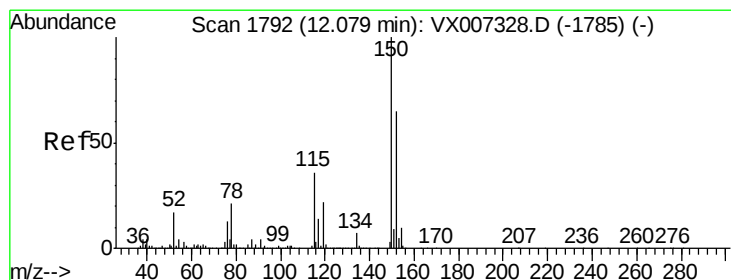
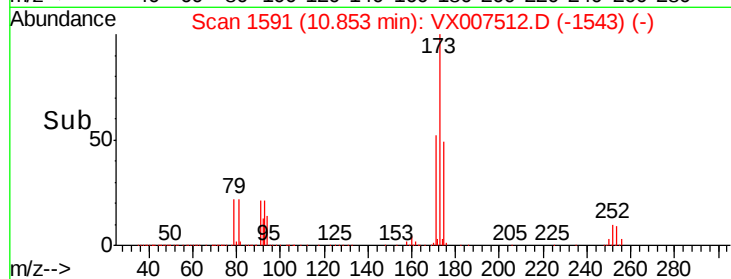
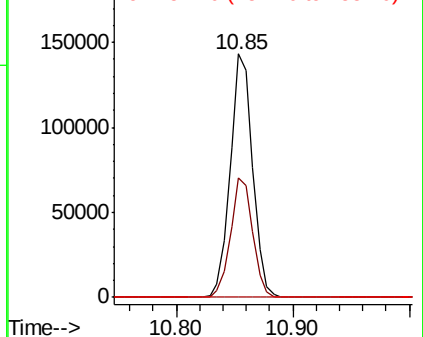
173 100

175 48.6 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: VX007512.D

Acq: 13 Feb 2019 10:53

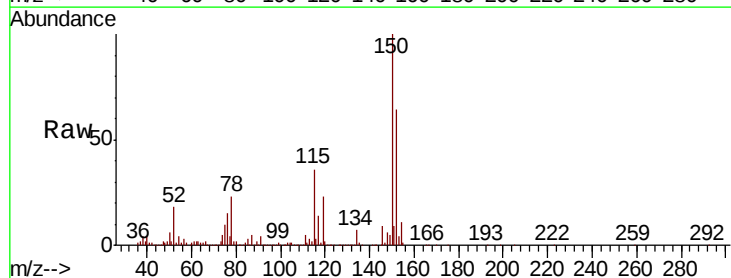
Tgt Ion:152 Resp: 314462

Ion Ratio Lower Upper

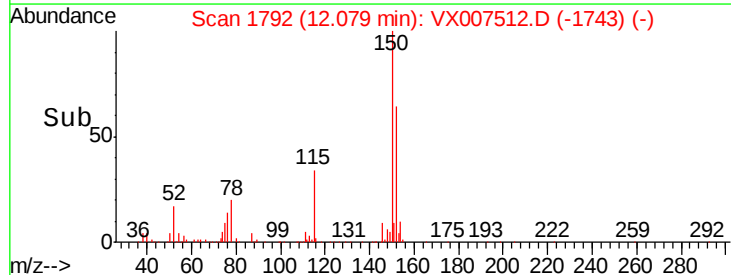
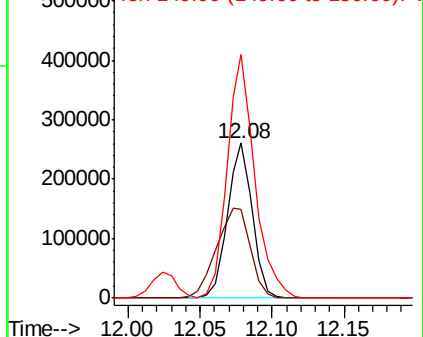
152 100

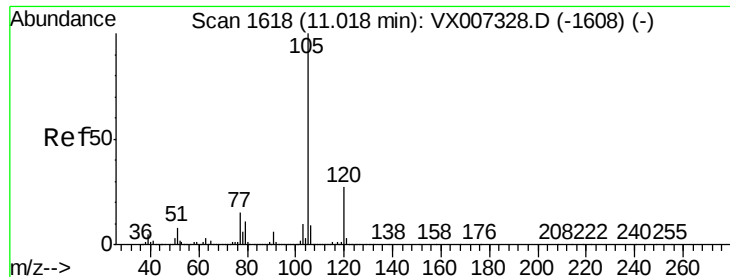
115 79.2 38.0 114.0

150 174.5 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: 50.970 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007512.D

Acq: 13 Feb 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

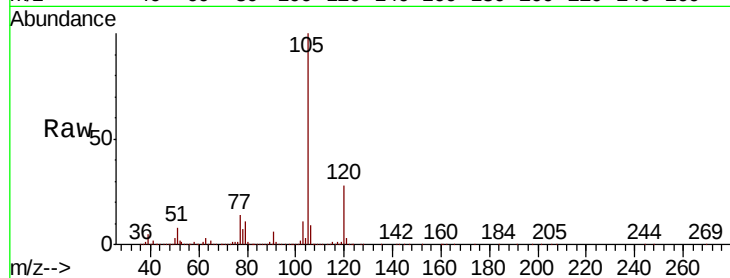
VSTDCCC050

Tgt Ion: 105 Resp: 1089191

Ion Ratio Lower Upper

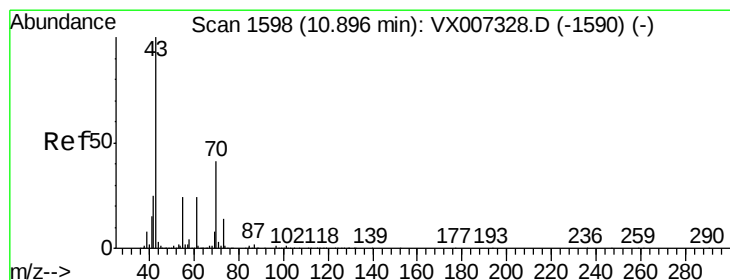
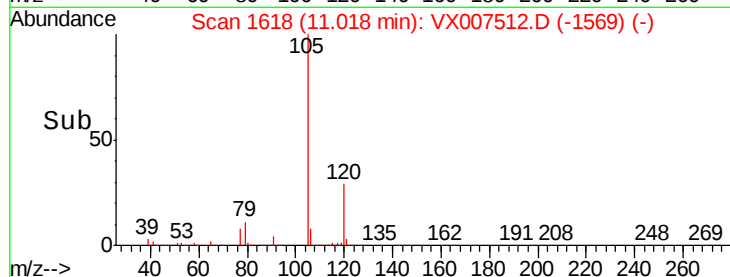
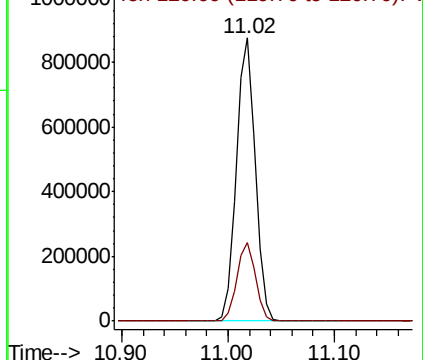
105 100

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: 51.801 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007512.D

Acq: 13 Feb 2019 10:53

Tgt Ion: 43 Resp: 428162

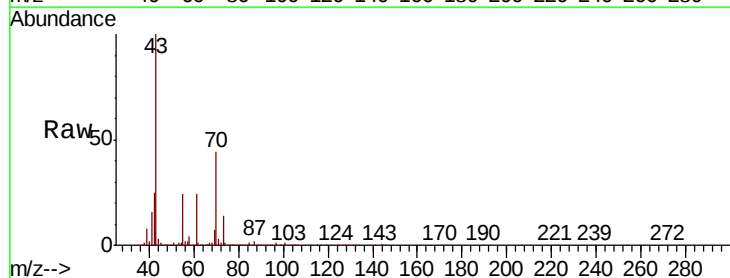
Ion Ratio Lower Upper

43 100

70 43.6 33.8 50.6

55 24.1 19.5 29.3

61 24.4 19.4 29.2

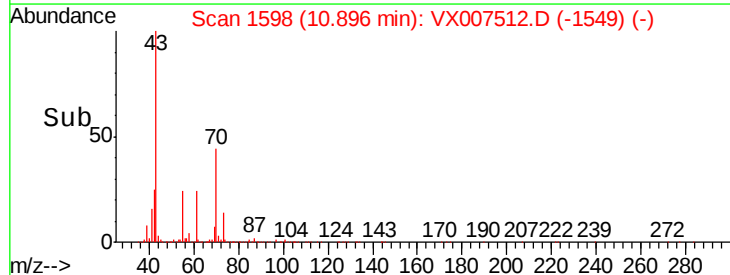
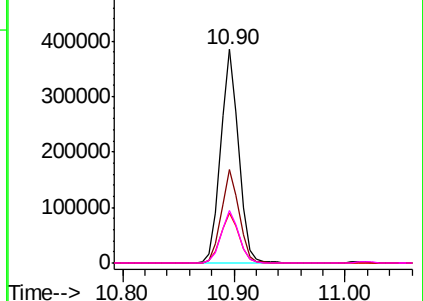


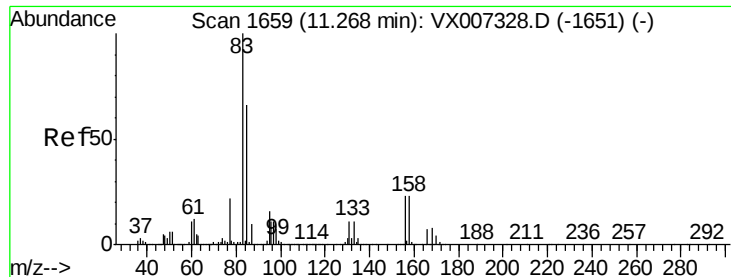
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 52.213 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007512.D

Acq: 13 Feb 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

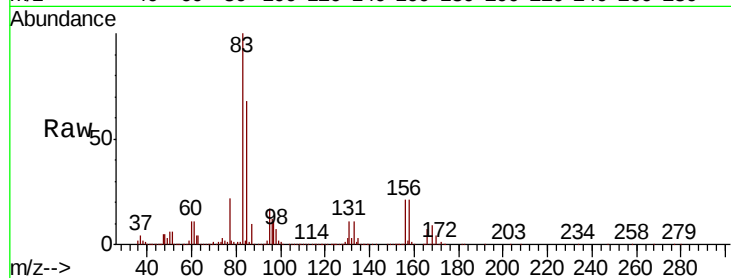
Tgt Ion: 83 Resp: 340038

Ion Ratio Lower Upper

83 100

131 11.2 5.7 17.0

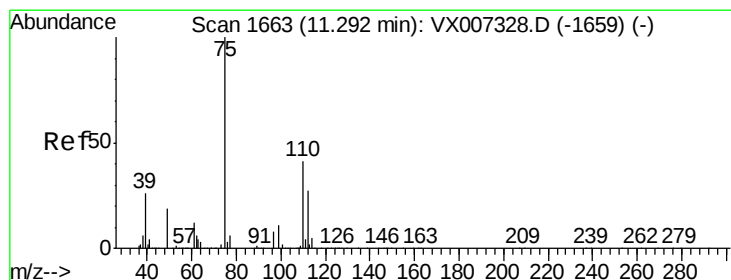
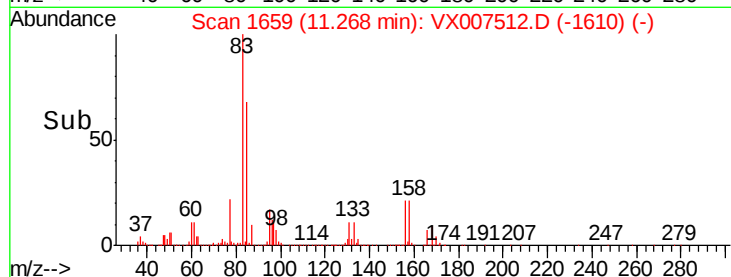
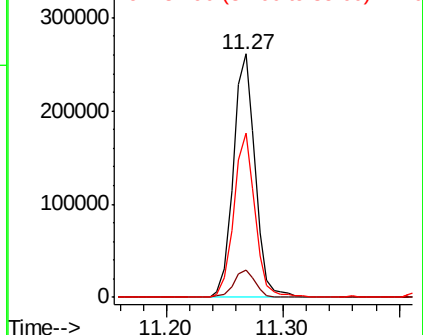
85 65.6 32.8 98.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 64.882 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX007512.D

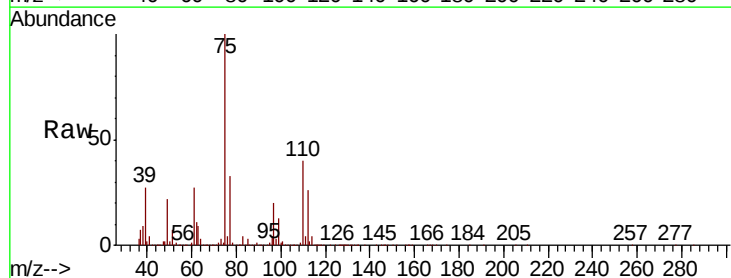
Acq: 13 Feb 2019 10:53

Tgt Ion: 75 Resp: 396864

Ion Ratio Lower Upper

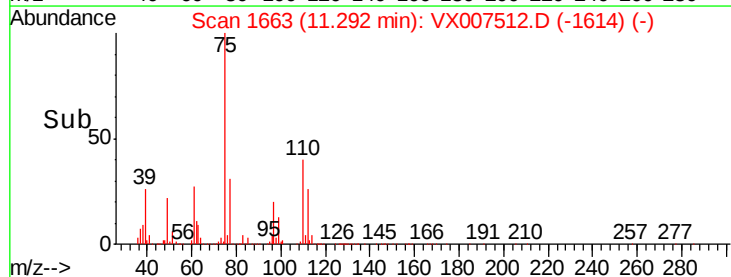
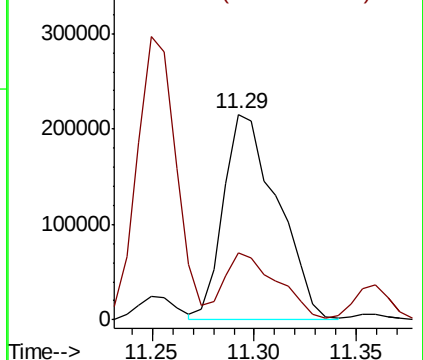
75 100

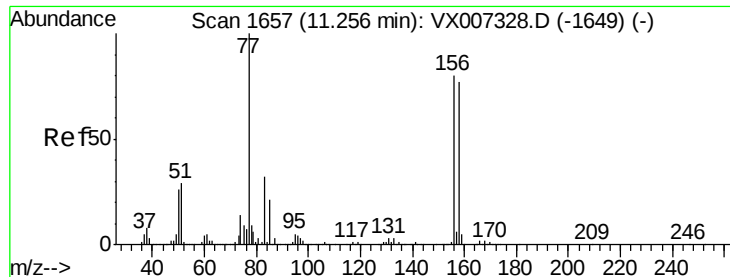
77 32.1 23.0 69.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

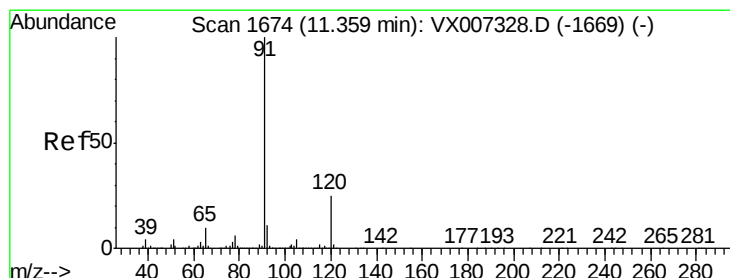
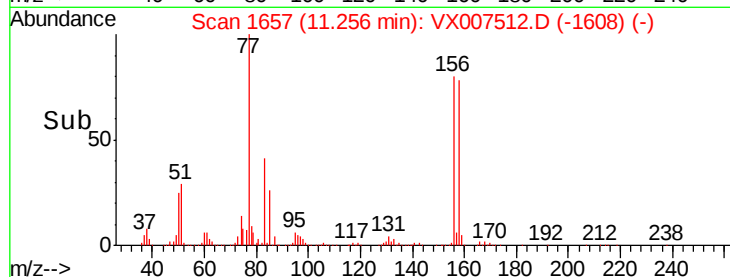
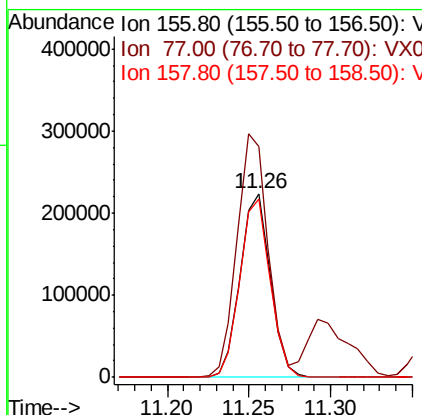
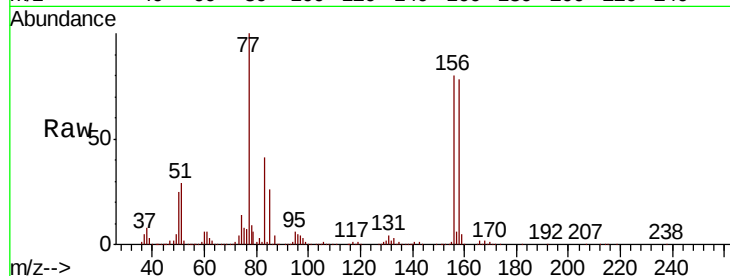




#77
Bromobenzene
Concen: 48.048 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VX007512.D
Acq: 13 Feb 2019 10:53

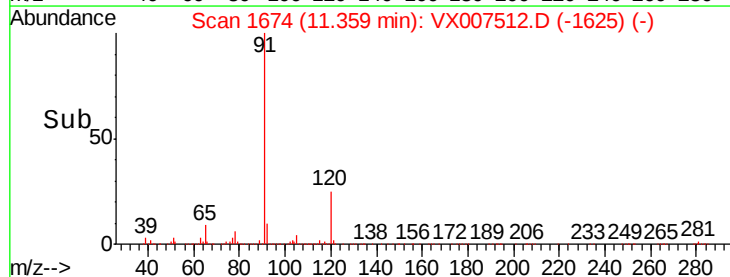
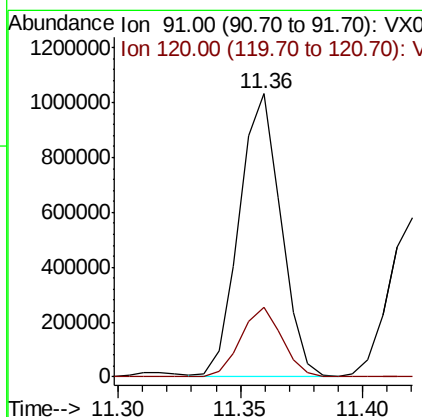
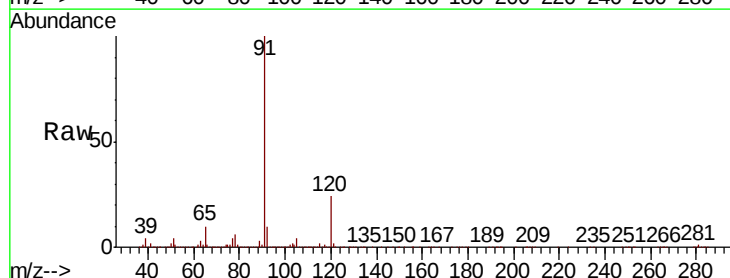
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

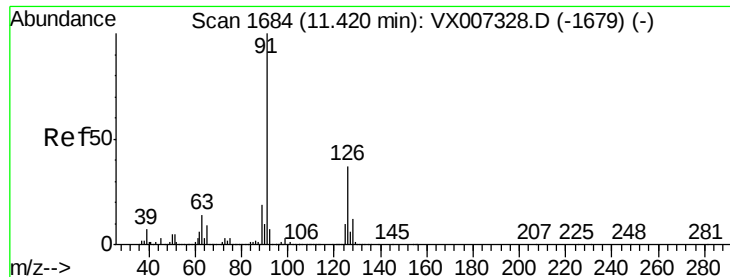
Tgt Ion: 156 Resp: 289295
Ion Ratio Lower Upper
156 100
77 136.1 66.8 200.6
158 97.9 47.9 143.8



#78
n-propylbenzene
Concen: 52.222 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX007512.D
Acq: 13 Feb 2019 10:53

Tgt Ion: 91 Resp: 1223704
Ion Ratio Lower Upper
91 100
120 24.5 12.4 37.2





#79

2-Chlorotoluene

Concen: 49.467 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007512.D

Acq: 13 Feb 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

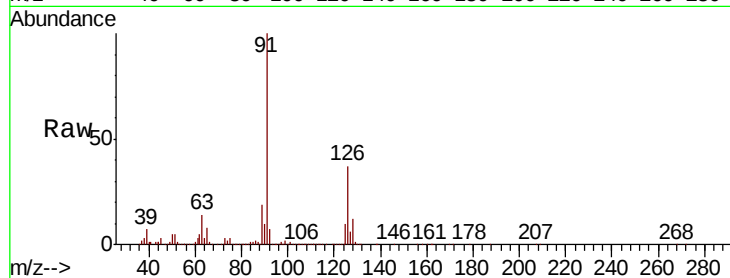
VSTDCCC050

Tgt Ion: 91 Resp: 703349

Ion Ratio Lower Upper

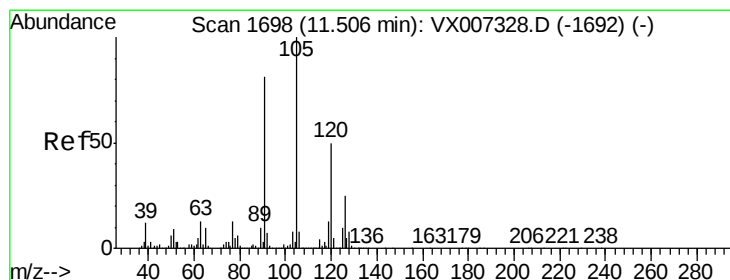
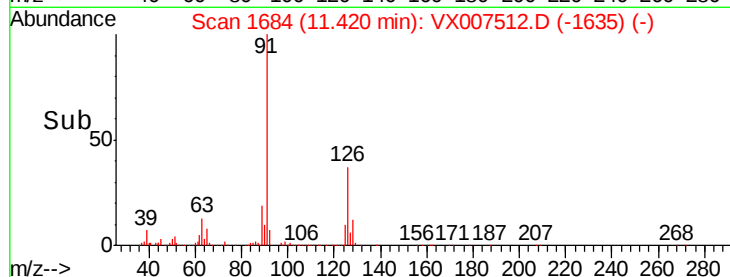
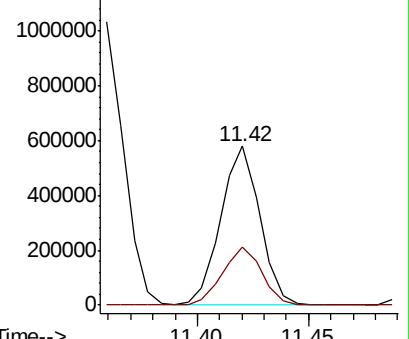
91 100

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: 51.013 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007512.D

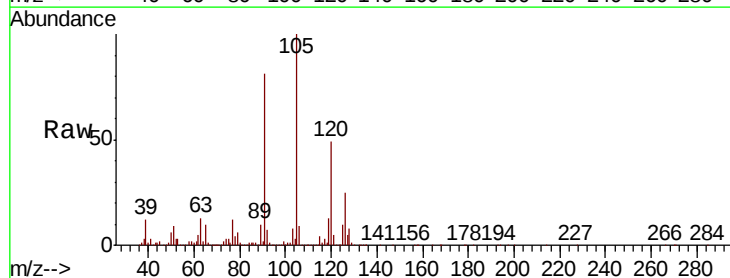
Acq: 13 Feb 2019 10:53

Tgt Ion: 105 Resp: 891842

Ion Ratio Lower Upper

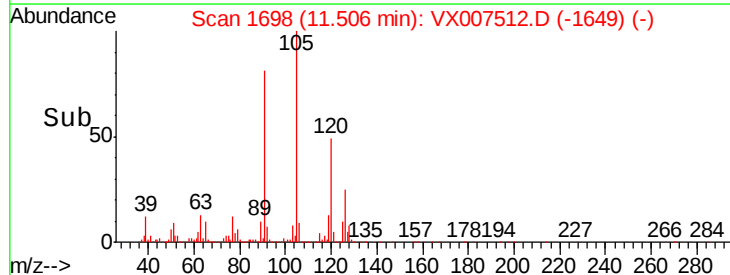
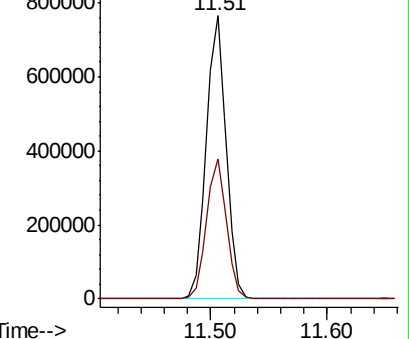
105 100

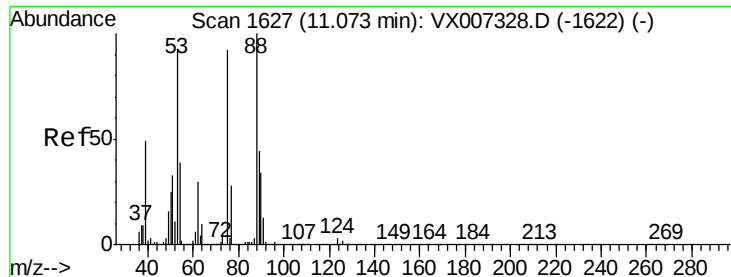
120 49.7 25.3 75.8



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: 51.273 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007512.D

Acq: 13 Feb 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

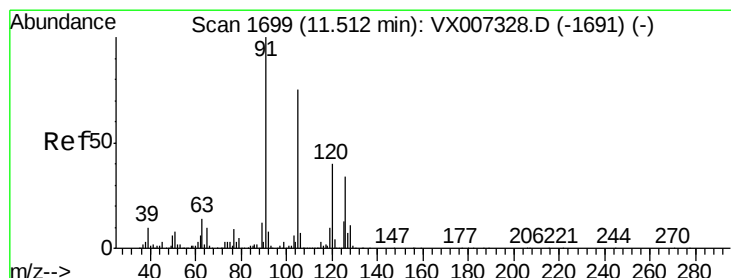
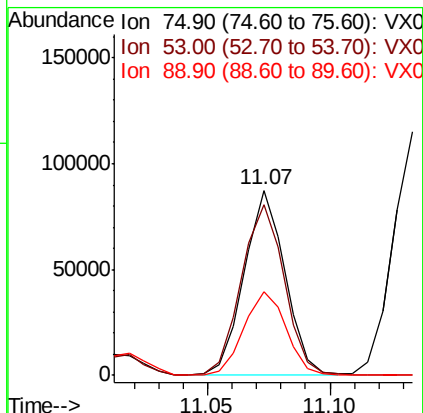
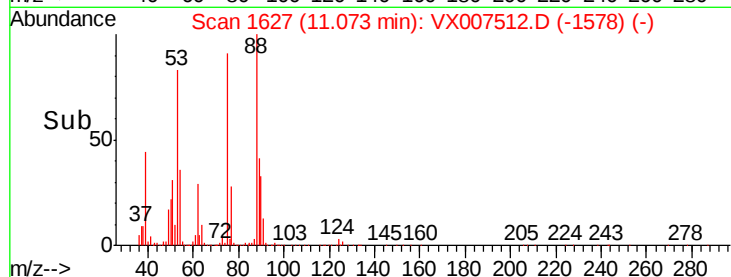
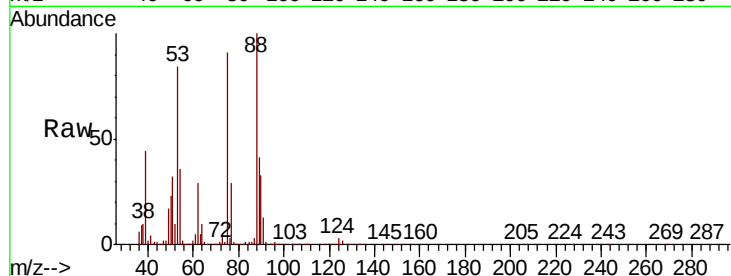
Tgt Ion: 75 Resp: 101699

Ion Ratio Lower Upper

75 100

53 96.8 81.0 121.6

89 47.2 41.4 62.0



#82

4-Chlorotoluene

Concen: 50.053 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX007512.D

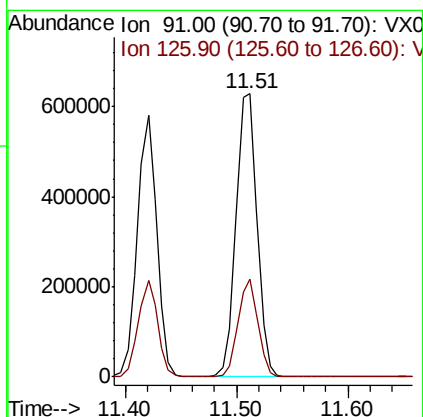
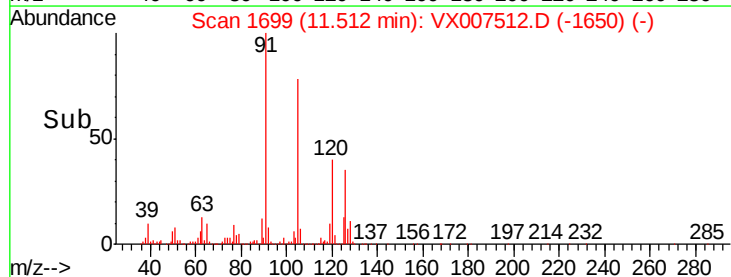
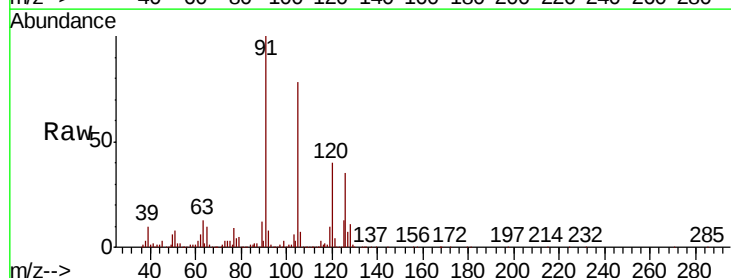
Acq: 13 Feb 2019 10:53

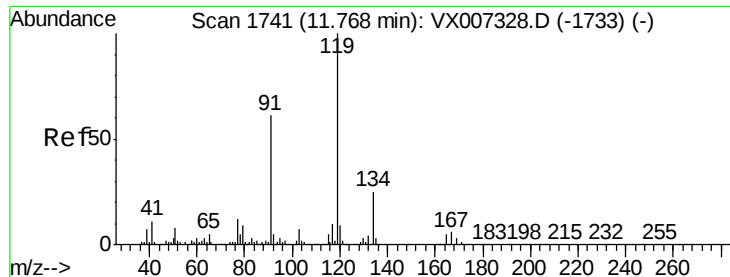
Tgt Ion: 91 Resp: 823494

Ion Ratio Lower Upper

91 100

126 32.5 16.2 48.5

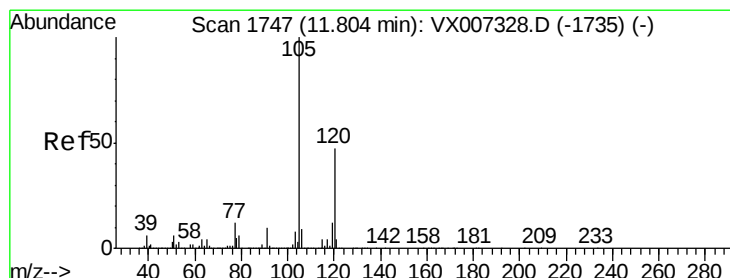
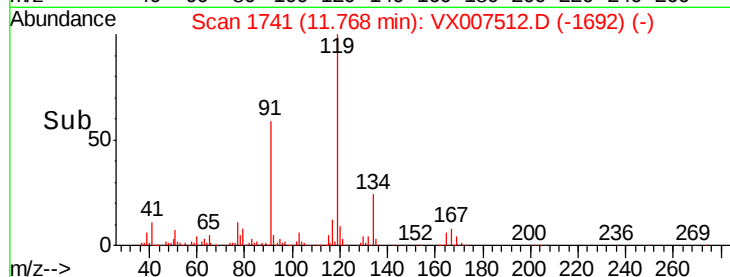
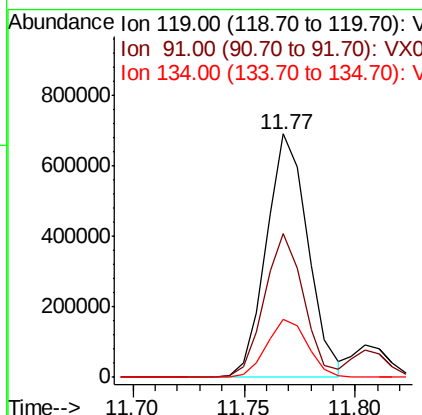
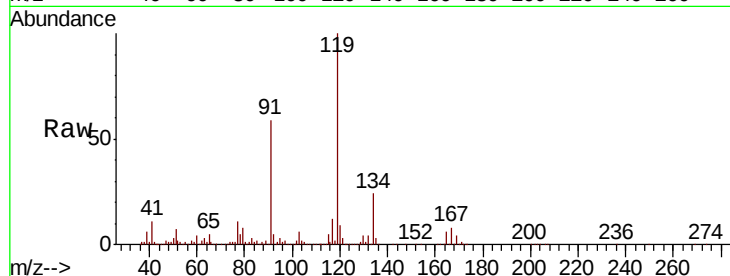




#83
 tert-Butylbenzene
 Concen: 51.704 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX007512.D
 Acq: 13 Feb 2019 10:53

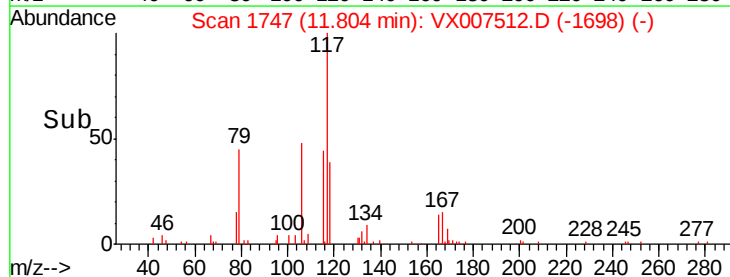
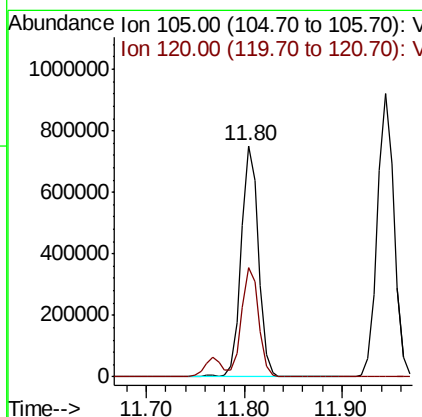
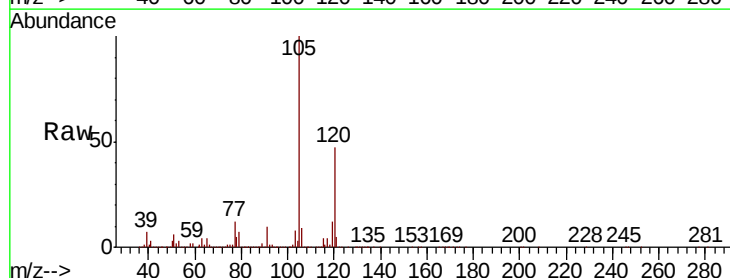
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

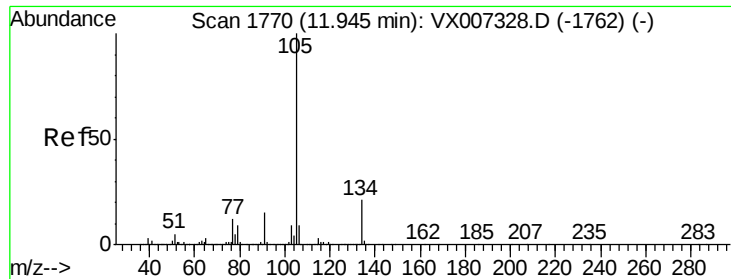
Tgt Ion:119 Resp: 894937
 Ion Ratio Lower Upper
 119 100
 91 55.9 28.5 85.6
 134 23.6 12.0 36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 51.571 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX007512.D
 Acq: 13 Feb 2019 10:53

Tgt Ion:105 Resp: 915332
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.1 69.3





#85

sec-Butylbenzene

Concen: 52.175 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007512.D

Acq: 13 Feb 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

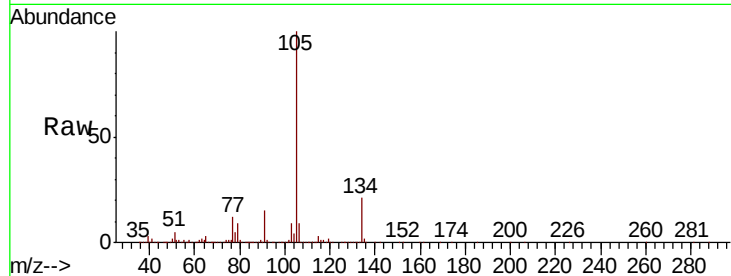
VSTDCCC050

Tgt Ion:105 Resp: 1093038

Ion Ratio Lower Upper

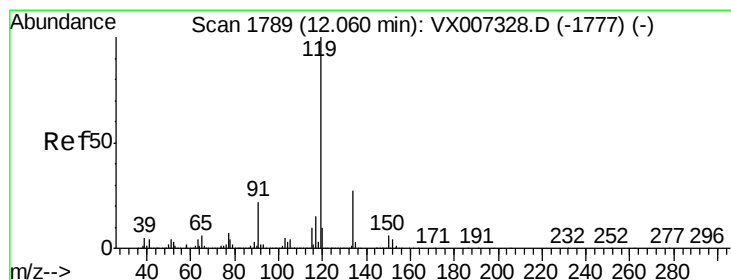
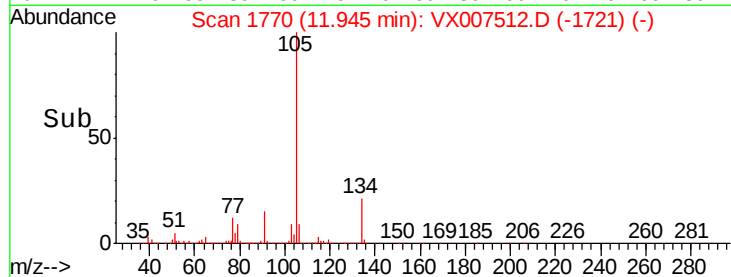
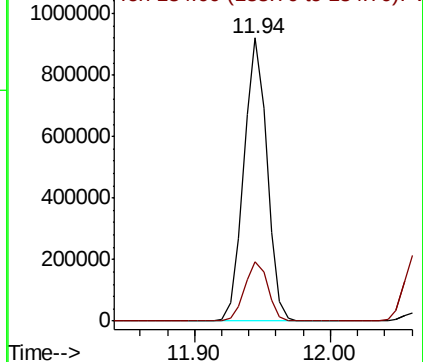
105 100

134 21.4 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.419 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007512.D

Acq: 13 Feb 2019 10:53

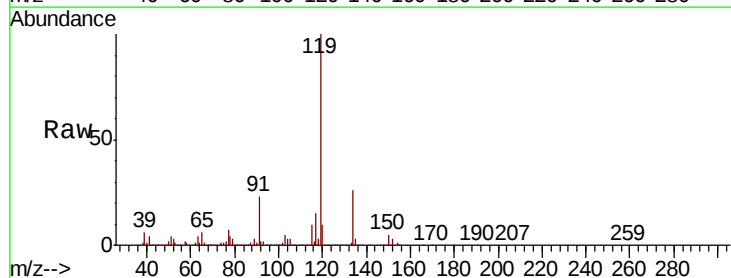
Tgt Ion:119 Resp: 991299

Ion Ratio Lower Upper

119 100

134 27.2 13.7 41.1

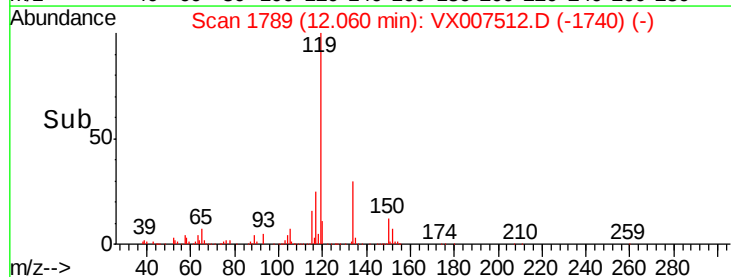
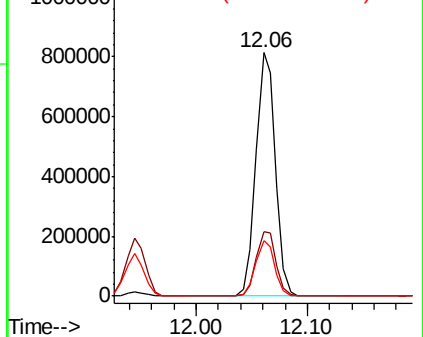
91 22.4 11.2 33.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

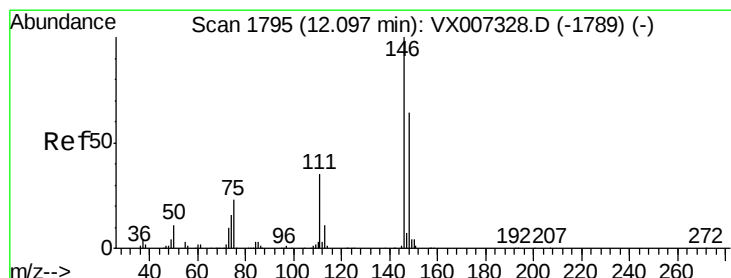
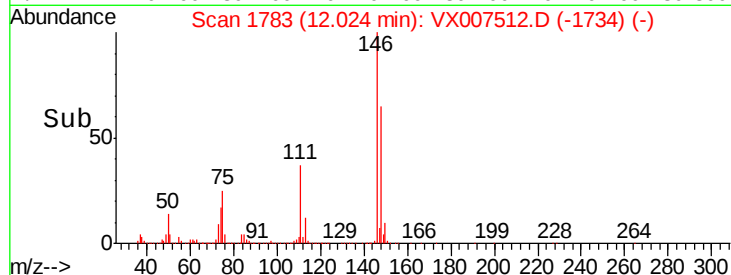
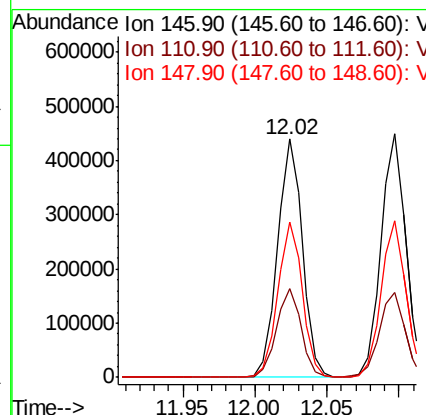
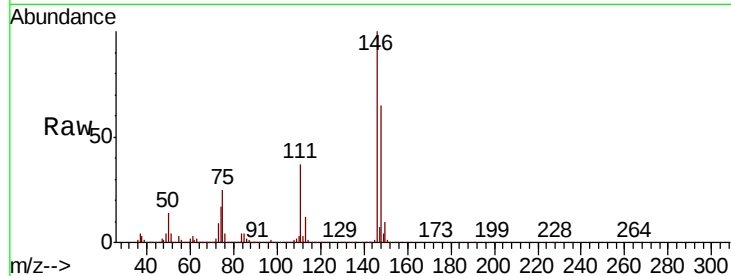




#87
 1,3-Dichlorobenzene
 Concen: 48.833 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007512.D
 Acq: 13 Feb 2019 10:53

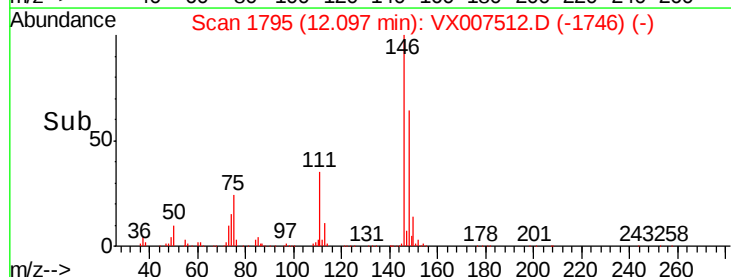
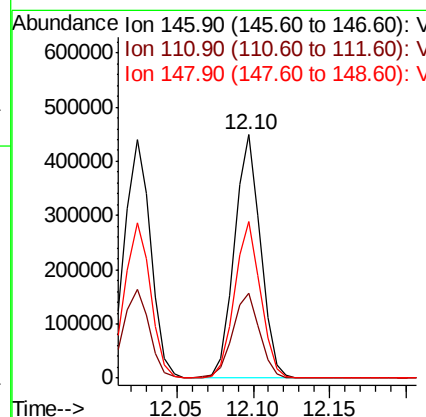
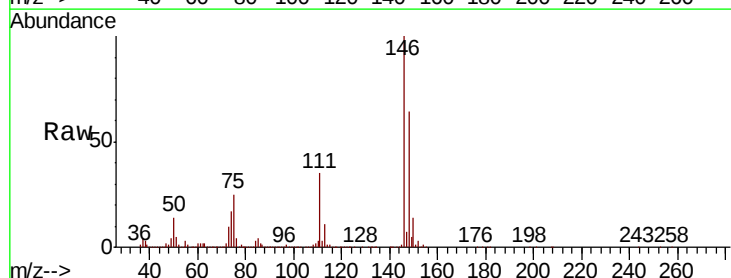
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

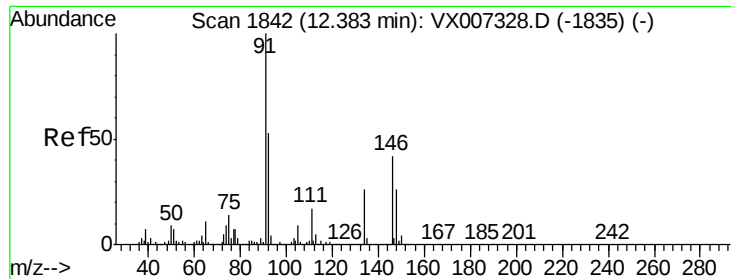
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.1	54.1
148	64.4	32.0	96.2



#88
 1,4-Dichlorobenzene
 Concen: 48.143 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007512.D
 Acq: 13 Feb 2019 10:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.1	54.1
148	64.0	32.3	96.9

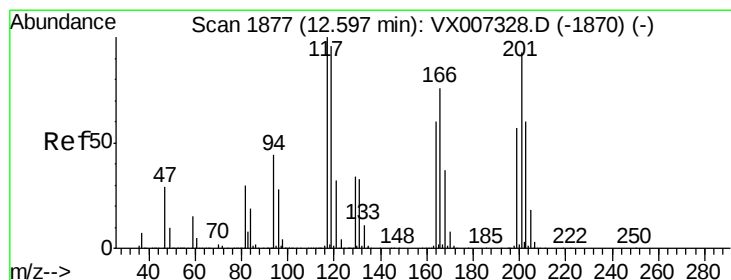
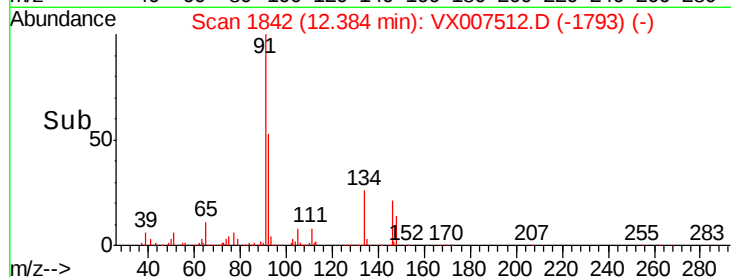
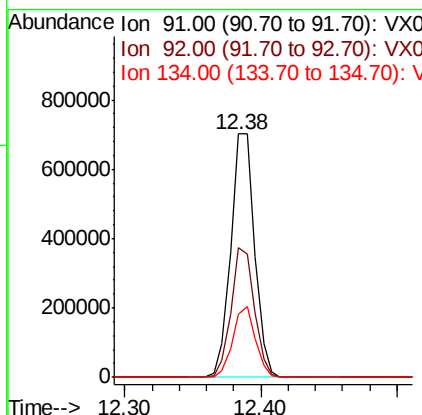
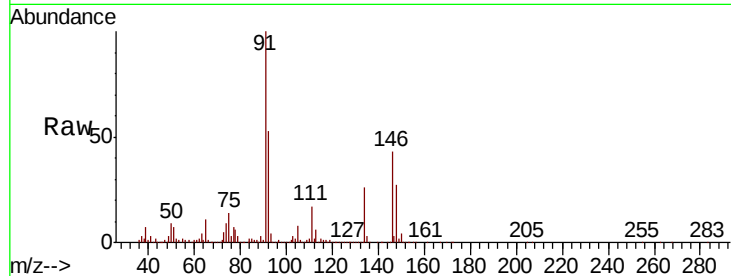




#89
n-Butylbenzene
Concen: 52.617 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX007512.D
Acq: 13 Feb 2019 10:53

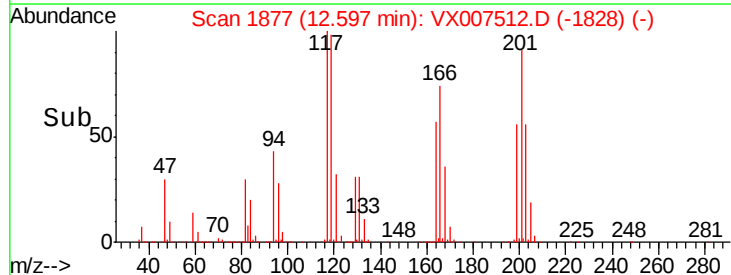
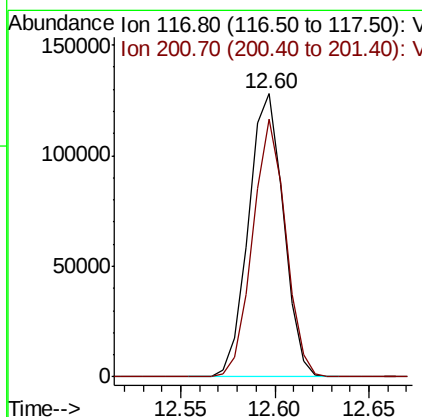
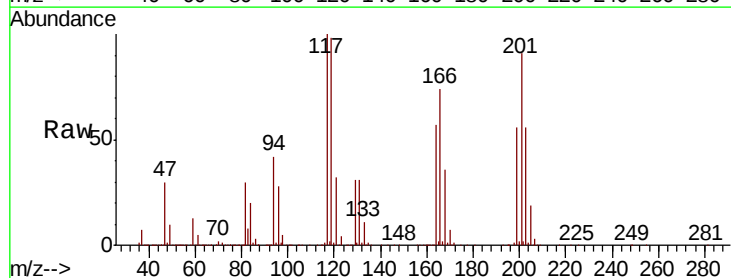
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

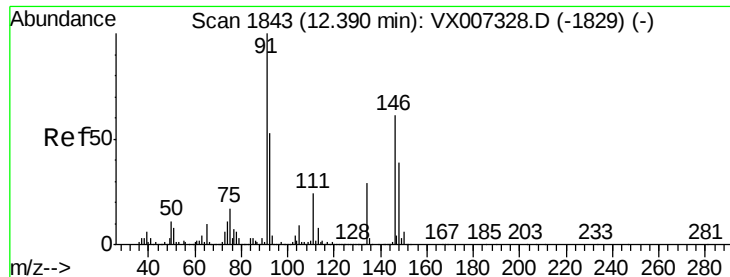
Tgt Ion: 91 Resp: 855964
Ion Ratio Lower Upper
91 100
92 51.9 26.3 78.9
134 27.6 13.9 41.6



#90
Hexachloroethane
Concen: 58.199 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007512.D
Acq: 13 Feb 2019 10:53

Tgt Ion: 117 Resp: 164718
Ion Ratio Lower Upper
117 100
201 86.0 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 48.575 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007512.D

Acq: 13 Feb 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

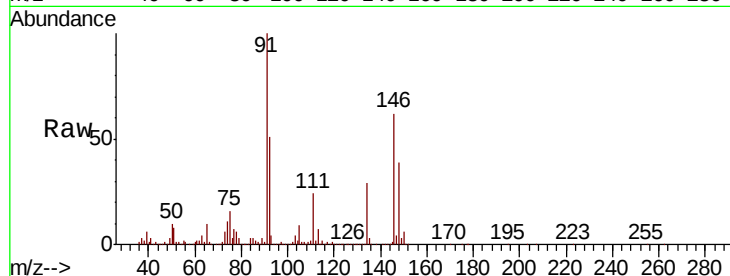
Tgt Ion:146 Resp: 522352

Ion Ratio Lower Upper

146 100

111 37.8 19.1 57.3

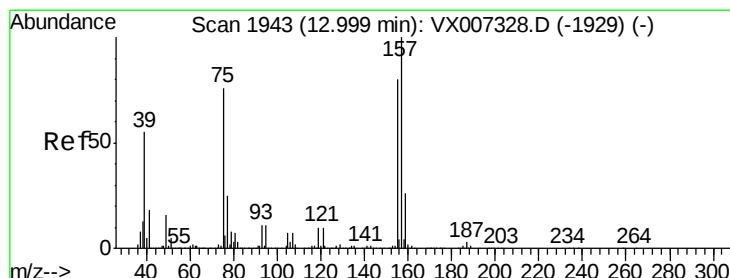
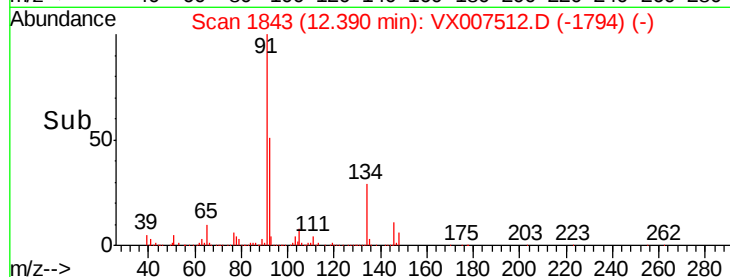
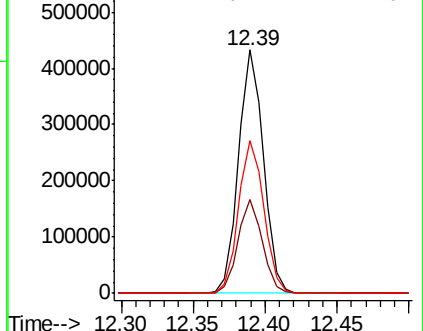
148 63.8 32.1 96.3



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: 54.951 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX007512.D

Acq: 13 Feb 2019 10:53

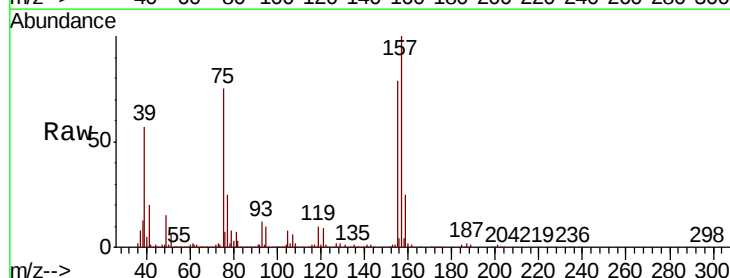
Tgt Ion: 75 Resp: 74412

Ion Ratio Lower Upper

75 100

155 100.0 49.6 149.0

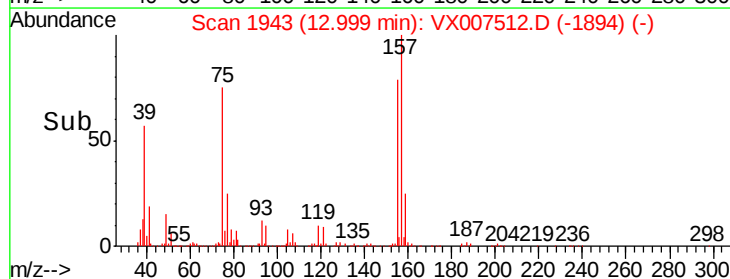
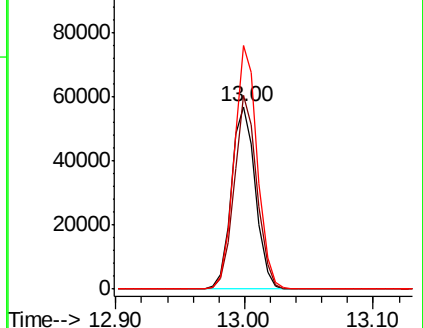
157 127.7 65.1 195.3

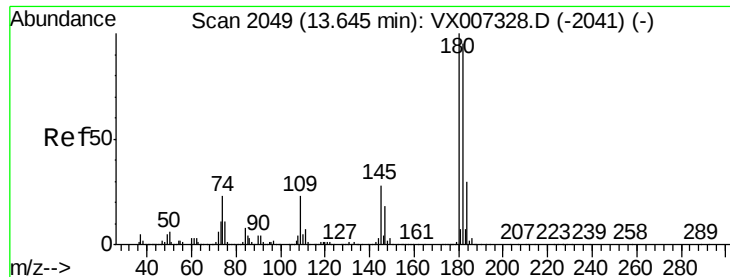


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

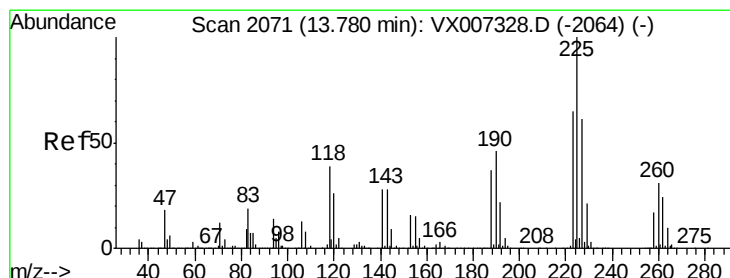
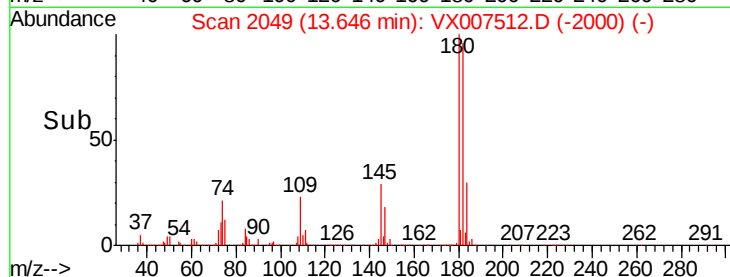
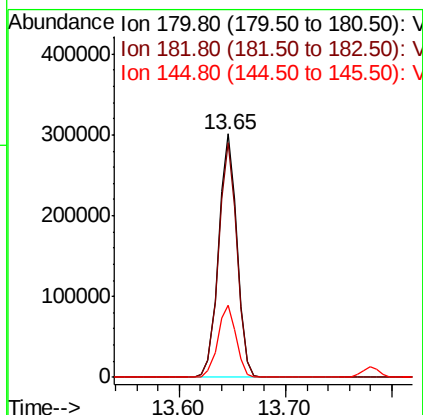
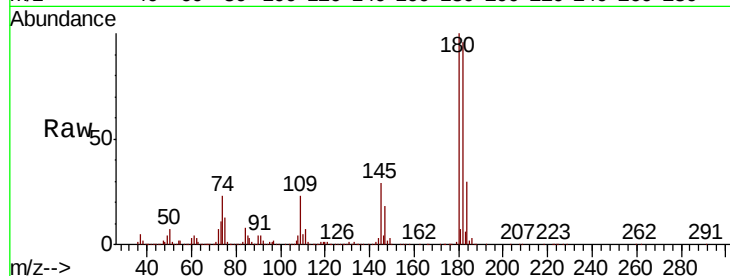




#93
 1,2,4-Trichlorobenzene
 Concen: 49.637 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007512.D
 Acq: 13 Feb 2019 10:53

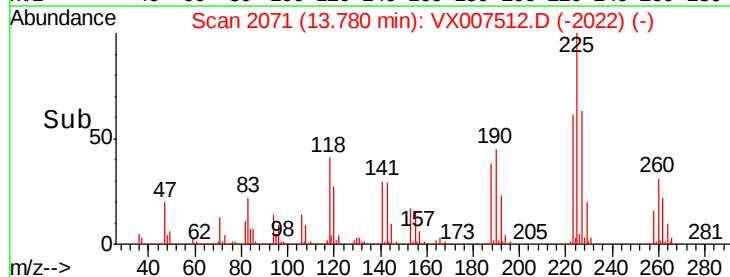
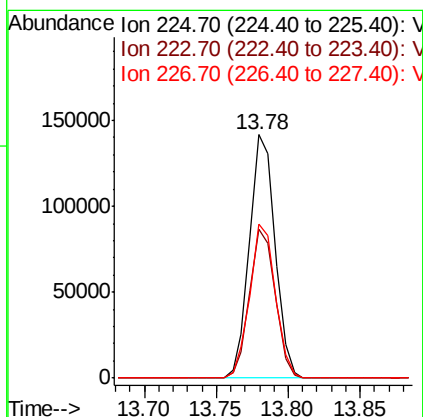
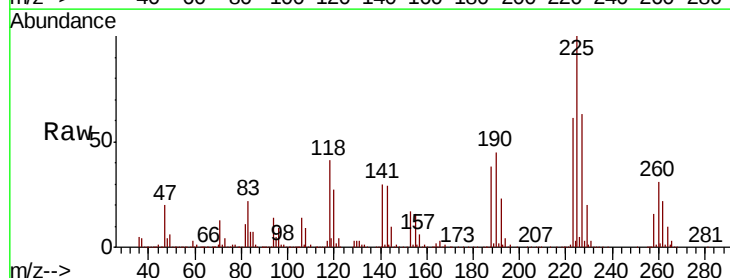
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

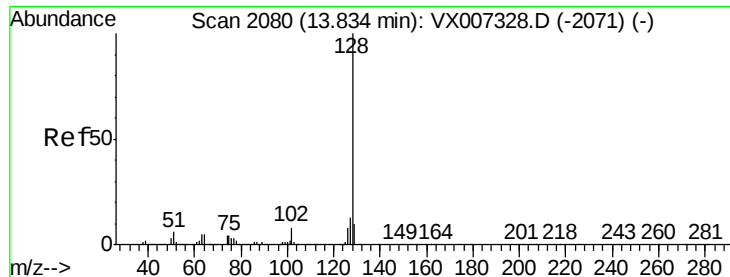
Tgt Ion:180 Resp: 359970
 Ion Ratio Lower Upper
 180 100
 182 96.0 47.8 143.3
 145 29.5 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 49.234 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007512.D
 Acq: 13 Feb 2019 10:53

Tgt Ion:225 Resp: 173375
 Ion Ratio Lower Upper
 225 100
 223 61.6 31.6 94.8
 227 63.6 32.1 96.3





#95

Naphthalene

Concen: 52.305 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007512.D

Acq: 13 Feb 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

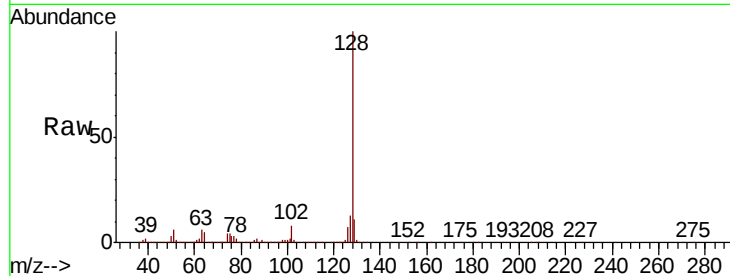
Tgt Ion:128 Resp: 1109254

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

129 10.7 8.7 13.1

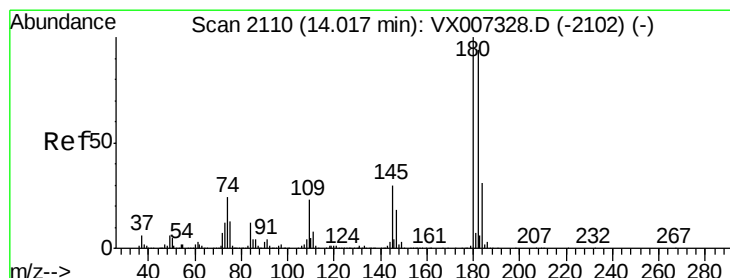
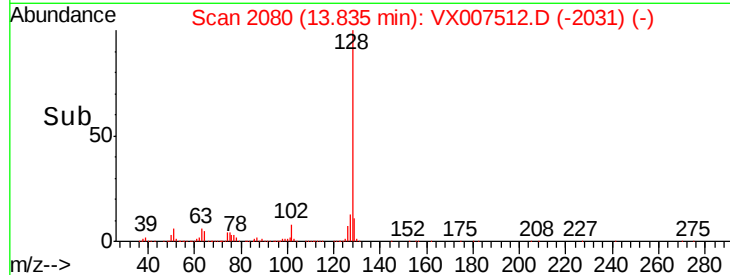
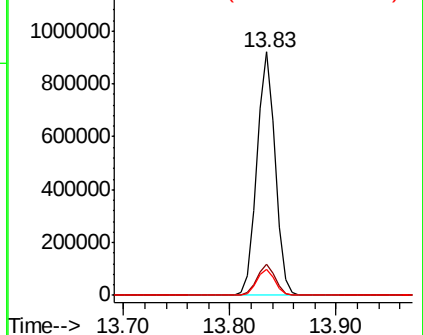


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.627 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX007512.D

Acq: 13 Feb 2019 10:53

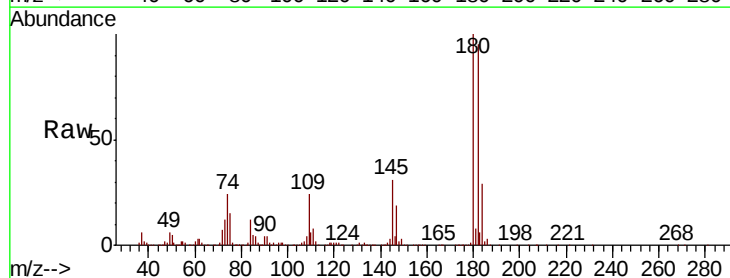
Tgt Ion:180 Resp: 362275

Ion Ratio Lower Upper

180 100

182 95.9 47.5 142.6

145 30.5 14.9 44.5



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

