

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122619\
 Data File : VX014286.D
 Acq On : 26 Dec 2019 21:47
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 27 06:07:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	469227	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	743175	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	671698	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	334843	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	275334	51.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.54%	
35) Dibromofluoromethane	5.48	113	229198	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
50) Toluene-d8	8.71	98	872152	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
62) 4-Bromofluorobenzene	11.13	95	309930	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	194037	46.223	ug/l	99
3) Chloromethane	1.32	50	274234	48.679	ug/l	99
4) Vinyl Chloride	1.40	62	295123	49.647	ug/l	99
5) Bromomethane	1.63	94	181093	42.922	ug/l	99
6) Chloroethane	1.72	64	190735	51.988	ug/l	93
7) Trichlorofluoromethane	1.92	101	380994	51.775	ug/l	100
8) Diethyl Ether	2.18	74	177368	51.358	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	232072	52.318	ug/l	99
10) Methyl Iodide	2.50	142	281338	48.194	ug/l	99
11) Tert butyl alcohol	3.03	59	274056	238.495	ug/l	99
12) 1,1-Dichloroethene	2.37	96	233181	51.661	ug/l	98
13) Acrolein	2.28	56	176706	268.638	ug/l	99
14) Allyl chloride	2.72	41	427827	53.087	ug/l	99
15) Acrylonitrile	3.13	53	753921	281.094	ug/l	99
16) Acetone	2.43	43	618656	179.188	ug/l	99
17) Carbon Disulfide	2.56	76	583711	46.634	ug/l	100
18) Methyl Acetate	2.76	43	386630	56.513	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	807813	54.464	ug/l	99
20) Methylene Chloride	2.85	84	274228	50.439	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	248395	49.952	ug/l	95
22) Diisopropyl ether	3.84	45	911278	56.744	ug/l	97
23) Vinyl Acetate	3.80	43	3820815	291.542	ug/l	99
24) 1,1-Dichloroethane	3.69	63	474931	53.154	ug/l	100
25) 2-Butanone	4.65	43	1026568	241.172	ug/l	99
26) 2,2-Dichloropropane	4.58	77	319012	45.986	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	294000	52.278	ug/l	99
28) Bromochloromethane	5.00	49	189926	55.224	ug/l	98
29) Tetrahydrofuran	5.11	42	677342	284.500	ug/l	98
30) Chloroform	5.20	83	460967	54.423	ug/l	99
31) Cyclohexane	5.58	56	419707	52.815	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	380592	52.722	ug/l	100
36) 1,1-Dichloropropene	5.79	75	343099	50.315	ug/l	99
37) Ethyl Acetate	4.82	43	406838	54.028	ug/l	99
38) Carbon Tetrachloride	5.78	117	321993	51.833	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	414933	49.280	ug/l	100
40) Benzene	6.14	78	1081103	51.527	ug/l	100
41) Methacrylonitrile	5.03	41	228588	54.711	ug/l	98
42) 1,2-Dichloroethane	6.19	62	369945	52.016	ug/l	99
43) Isopropyl Acetate	6.44	43	666852	53.511	ug/l	99
44) Trichloroethene	7.21	130	285691	49.297	ug/l	96
45) 1,2-Dichloropropane	7.51	63	285587	53.106	ug/l	97
46) Dibromomethane	7.65	93	181782	51.127	ug/l	97
47) Bromodichloromethane	7.89	83	357506	53.389	ug/l	99
48) Methyl methacrylate	7.76	41	327003	53.587	ug/l	99
49) 1,4-Dioxane	7.73	88	117046	942.523	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	2084638	266.360	ug/l	100
52) Toluene	8.78	92	677441	51.083	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	389061	52.988	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	429873	52.552	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	276894	52.095	ug/l	99
56) Ethyl methacrylate	9.17	69	448223	53.684	ug/l	100
57) 1,3-Dichloropropane	9.37	76	471977	52.778	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	841850	266.438	ug/l	100
59) 2-Hexanone	9.48	43	1575855	250.126	ug/l	99
60) Dibromochloromethane	9.57	129	289074	54.715	ug/l	99
61) 1,2-Dibromoethane	9.67	107	286011	52.593	ug/l	100
64) Tetrachloroethene	9.33	164	292312	49.180	ug/l	98
65) Chlorobenzene	10.14	112	727303	50.925	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	267109	52.380	ug/l	100
67) Ethyl Benzene	10.25	91	1268668	51.668	ug/l	100
68) m/p-Xylenes	10.36	106	971344	102.855	ug/l	99
69) o-Xylene	10.70	106	474963	51.280	ug/l	99
70) Styrene	10.71	104	804639	51.375	ug/l	99
71) Bromoform	10.85	173	217947	53.169	ug/l #	100
73) Isopropylbenzene	11.01	105	1256265	53.287	ug/l	100
74) N-amyl acetate	10.89	43	575128	52.044	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	430494	52.670	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	478645	65.844	ug/l	87
77) Bromobenzene	11.25	156	322759	49.759	ug/l	99
78) n-propylbenzene	11.35	91	1401726	53.007	ug/l	100
79) 2-Chlorotoluene	11.42	91	832559	51.793	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1026249	51.723	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	131703	51.137	ug/l	99
82) 4-Chlorotoluene	11.51	91	947281	50.803	ug/l	99
83) tert-Butylbenzene	11.76	119	1025228	53.096	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1029539	51.814	ug/l	99
85) sec-Butylbenzene	11.94	105	1199710	52.631	ug/l	100
86) p-Isopropyltoluene	12.06	119	1094737	52.503	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	567021	49.878	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	558039	48.276	ug/l	99
89) n-Butylbenzene	12.39	91	926441	52.072	ug/l	100
90) Hexachloroethane	12.59	117	192852	51.493	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	571448	49.934	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	87303	48.268	ug/l	97

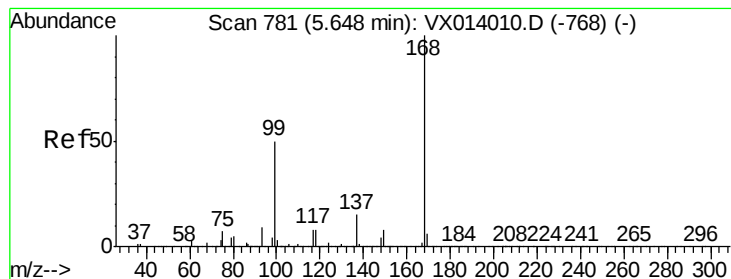
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	374885	50.401	ug/l	99
94) Hexachlorobutadiene	13.78	225	172817	48.344	ug/l	97
95) Naphthalene	13.83	128	1163508	53.241	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	373916	50.925	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

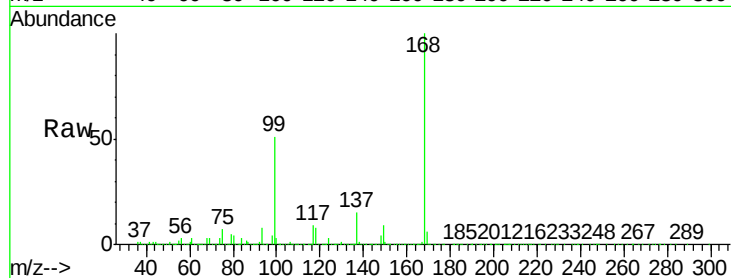
VSTDCCC050EC

Tgt Ion:168 Resp: 469227

Ion Ratio Lower Upper

168 100

99 50.6 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

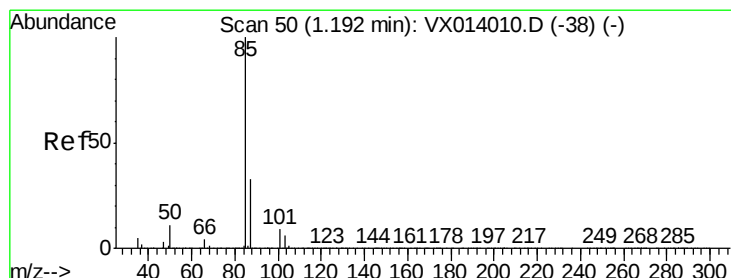
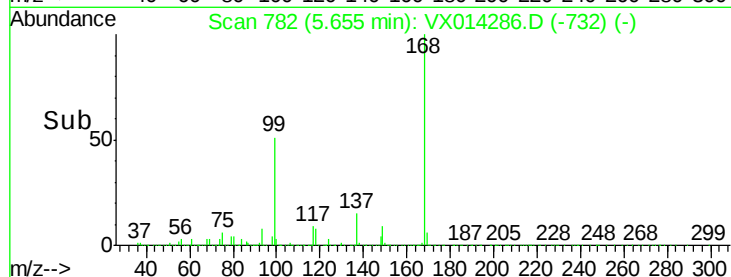
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 46.223 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014286.D

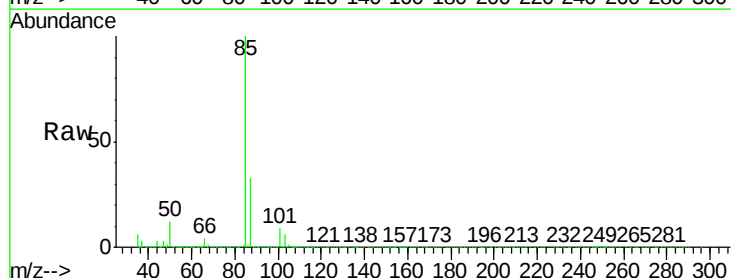
Acq: 26 Dec 2019 21:47

Tgt Ion: 85 Resp: 194037

Ion Ratio Lower Upper

85 100

87 33.2 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

200000

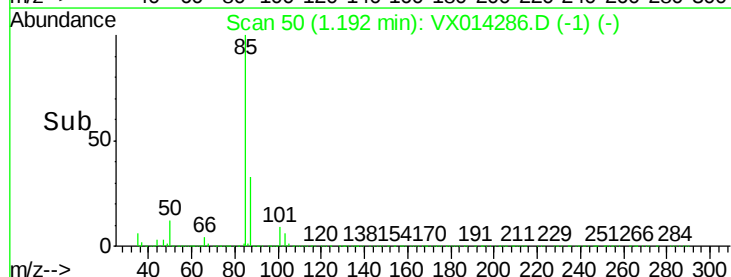
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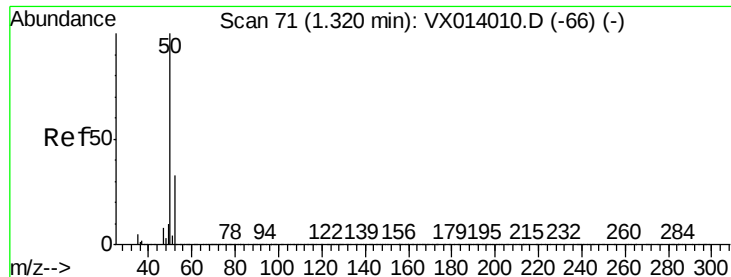
100000

50000

0

Time-->





#3

Chloromethane

Concen: 48.679 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

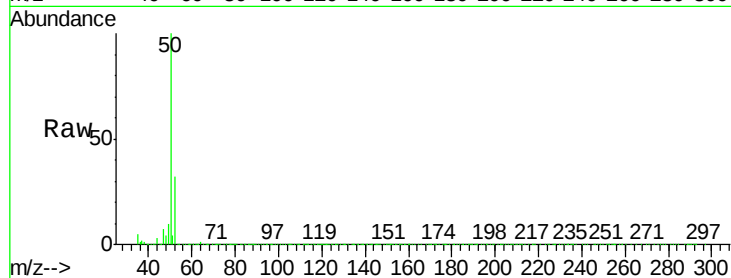
VSTDCCC050EC

Tgt Ion: 50 Resp: 274234

Ion Ratio Lower Upper

50 100

52 32.2 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

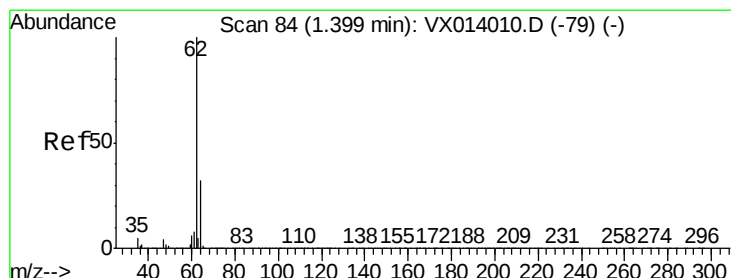
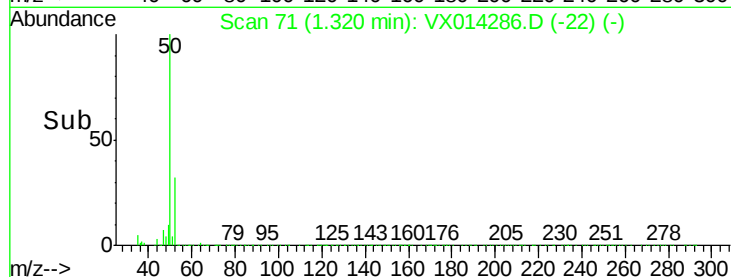
300000

200000

100000

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Time-->



#4

Vinyl Chloride

Concen: 49.647 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014286.D

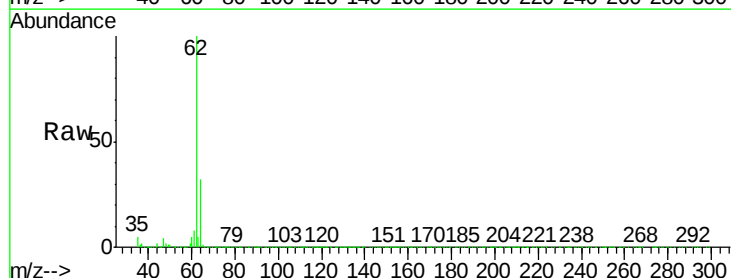
Acq: 26 Dec 2019 21:47

Tgt Ion: 62 Resp: 295123

Ion Ratio Lower Upper

62 100

64 31.6 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

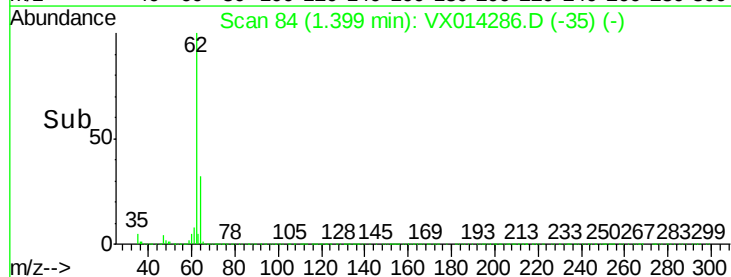
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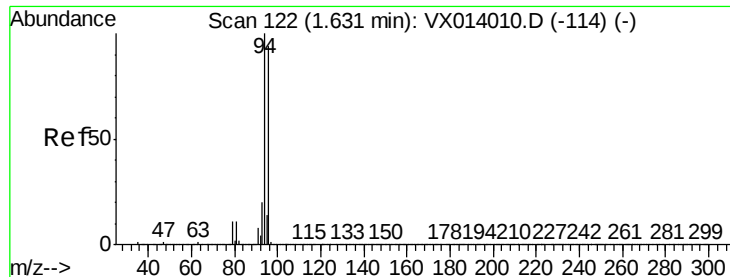
200000

100000

0

Time-->





#5

Bromomethane

Concen: 42.922 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

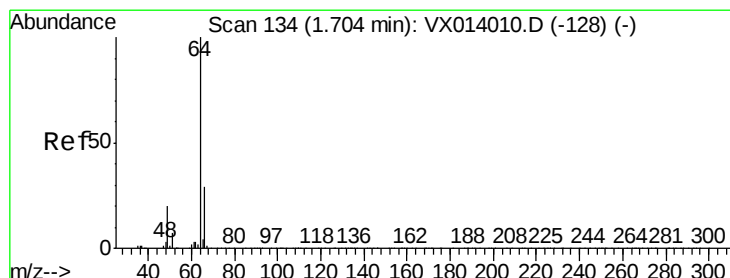
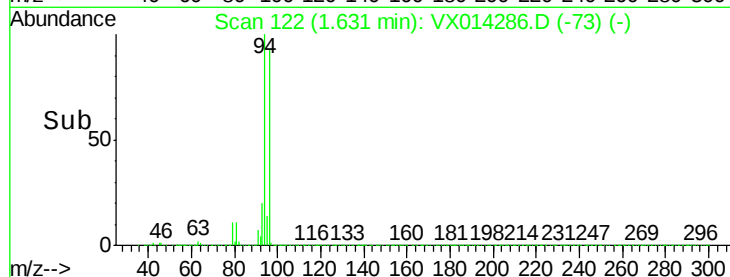
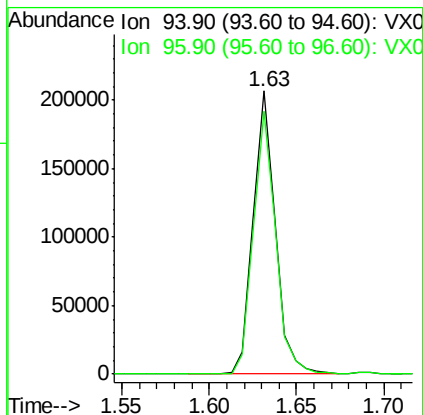
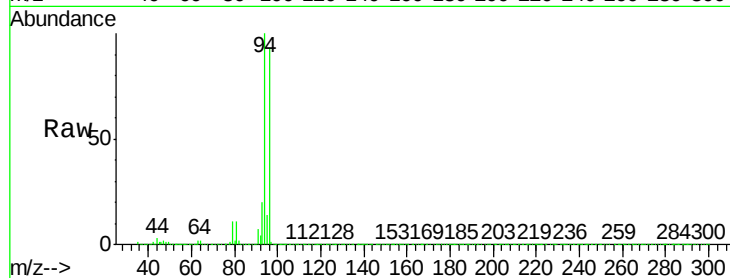
VSTDCCC050EC

Tgt Ion: 94 Resp: 181093

Ion Ratio Lower Upper

94 100

96 92.6 75.2 112.8



#6

Chloroethane

Concen: 51.988 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014286.D

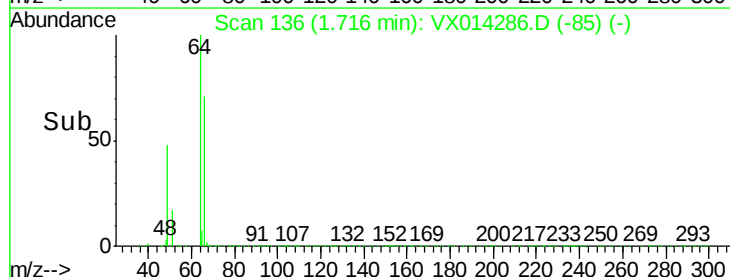
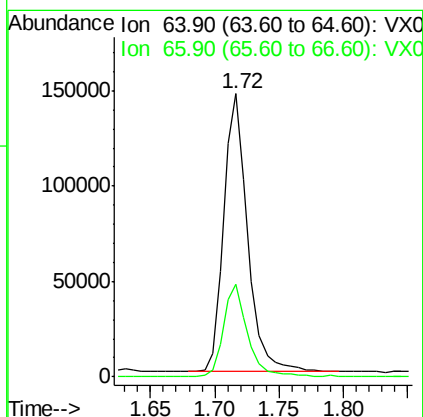
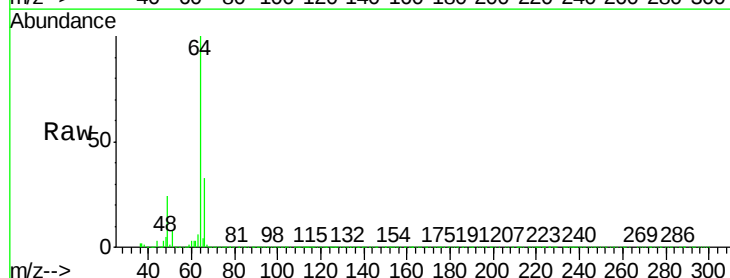
Acq: 26 Dec 2019 21:47

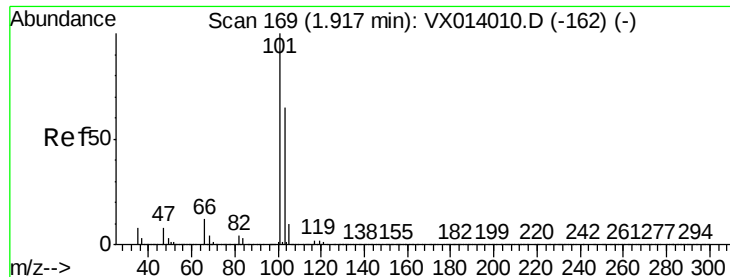
Tgt Ion: 64 Resp: 190735

Ion Ratio Lower Upper

64 100

66 32.9 23.4 35.2



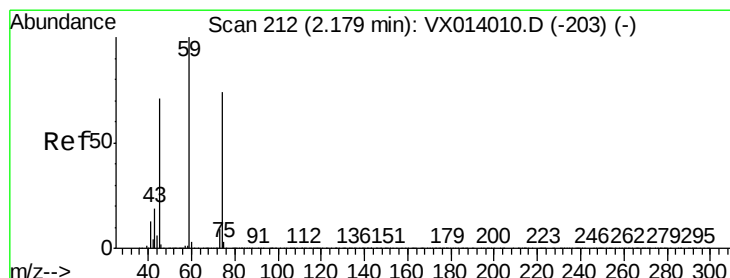
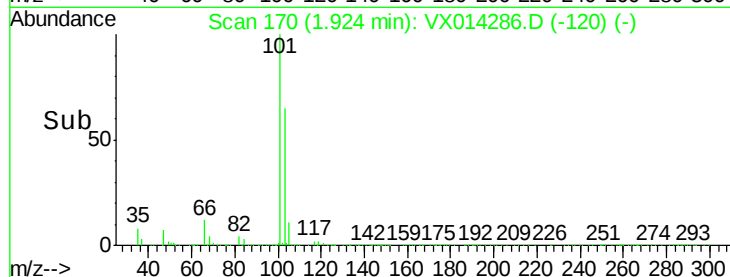
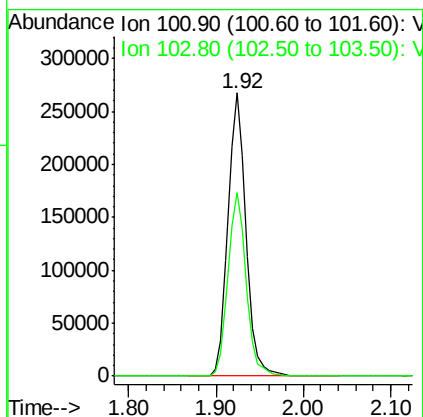
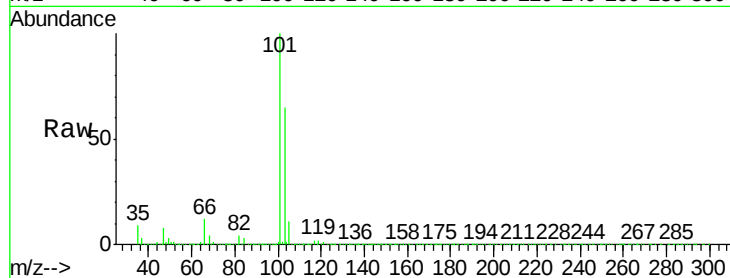


#7

Trichlorofluoromethane
Concen: 51.775 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014286.D
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MSVOA_X
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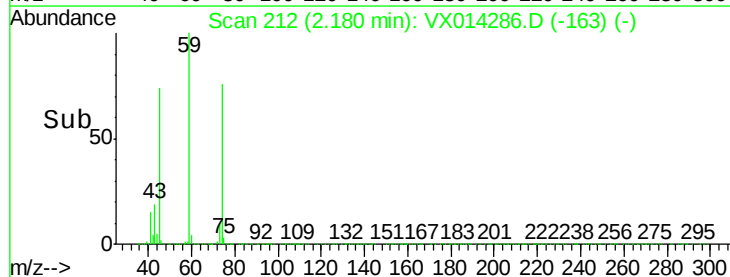
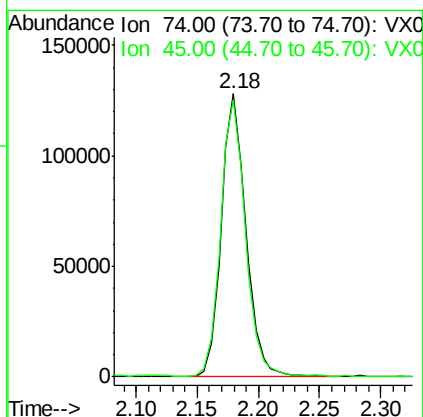
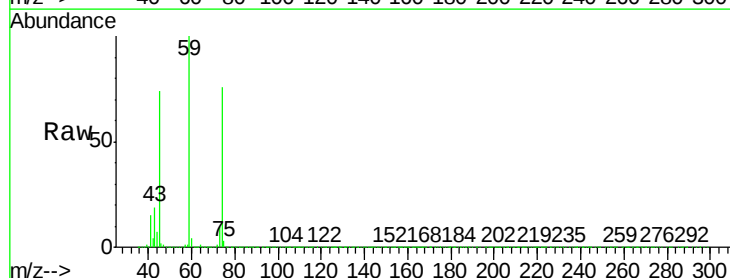
Tgt Ion:101 Resp: 380994
Ion Ratio Lower Upper
101 100
103 65.0 52.2 78.4

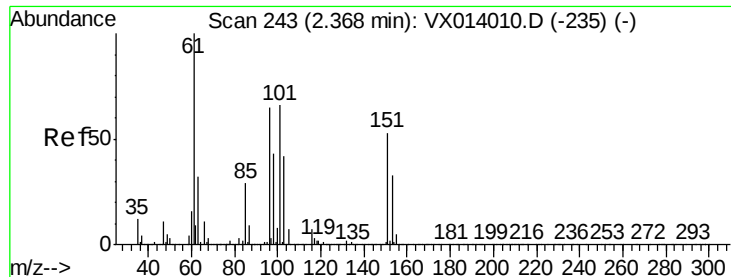


#8

Diethyl Ether
Concen: 51.358 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014286.D
Acq: 26 Dec 2019 21:47

Tgt Ion: 74 Resp: 177368
Ion Ratio Lower Upper
74 100
45 98.9 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.318 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

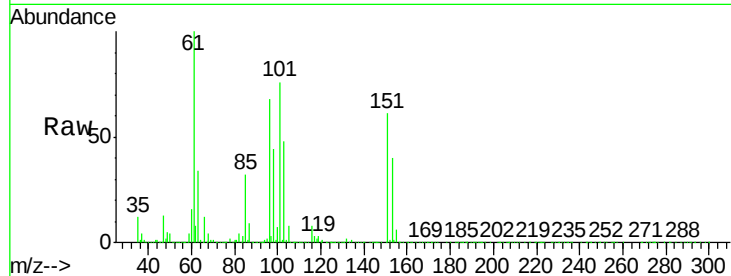
Tgt Ion:101 Resp: 232072

Ion Ratio Lower Upper

101 100

85 41.7 33.7 50.5

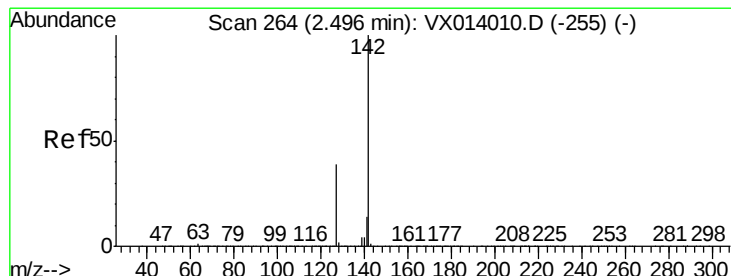
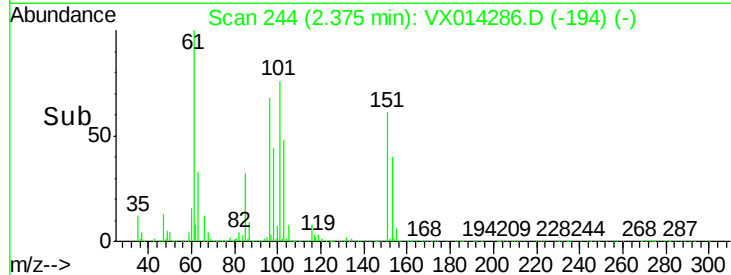
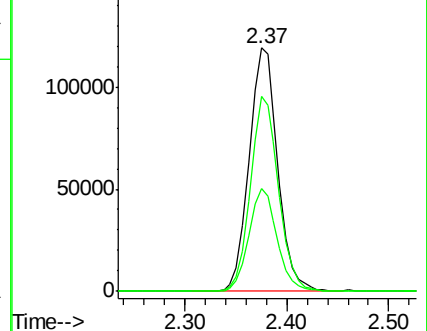
151 79.1 64.5 96.7



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: 48.194 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

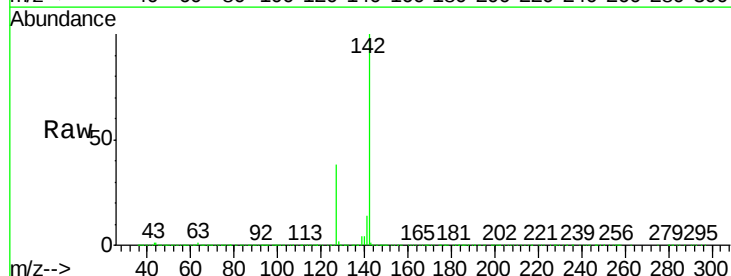
Tgt Ion:142 Resp: 281338

Ion Ratio Lower Upper

142 100

127 38.6 31.6 47.4

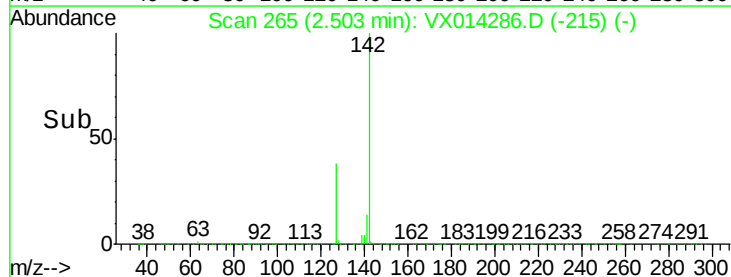
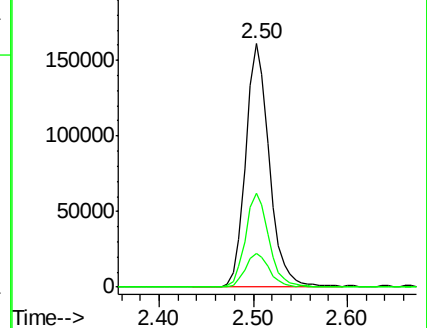
141 14.2 11.6 17.4

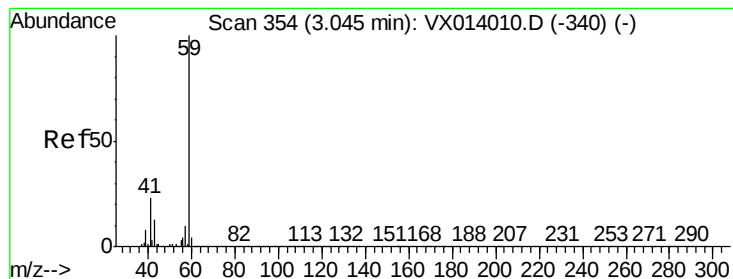


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



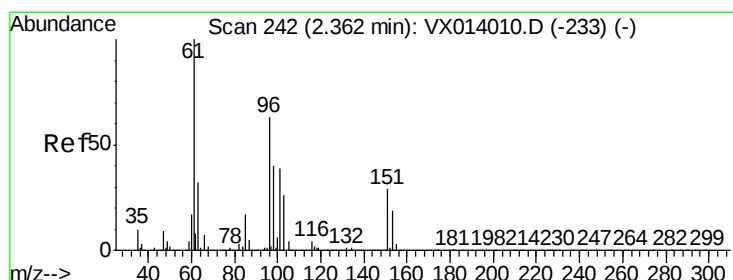
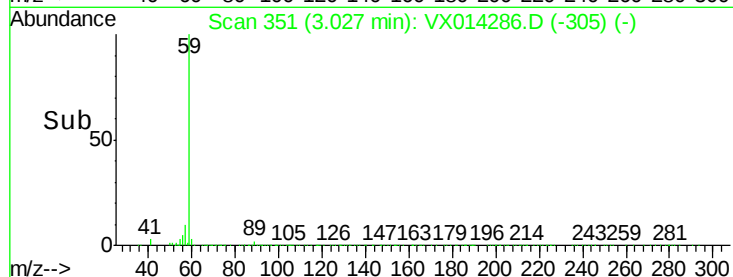
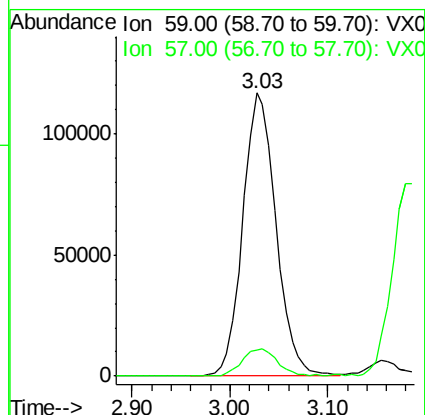
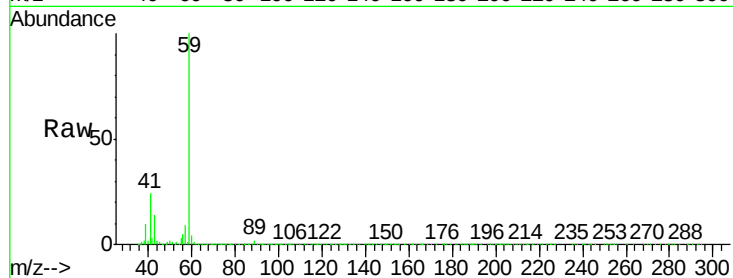


#11

Tert butyl alcohol
 Concen: 238.495 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.02 min
 Lab File: VX014286.D
 Acq: 26 Dec 2019 21:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

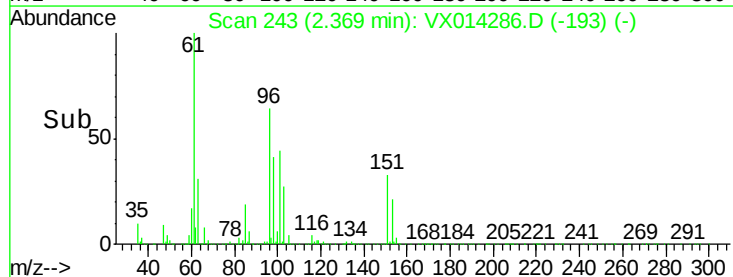
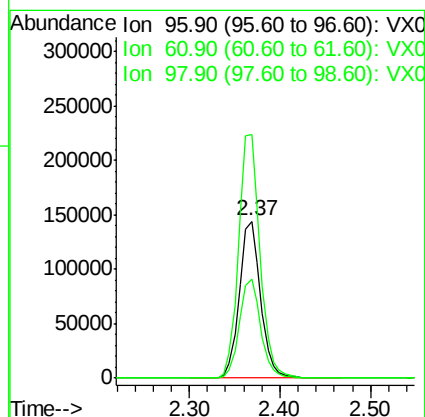
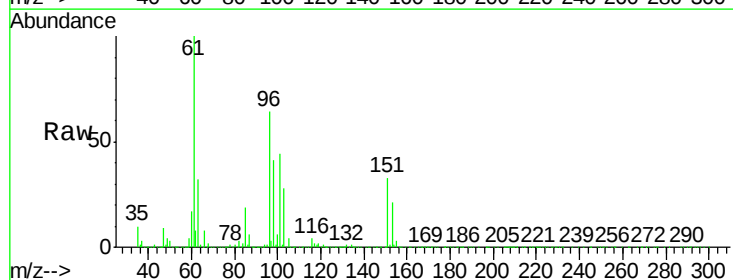
Tgt Ion: 59 Resp: 274056
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.4 12.6

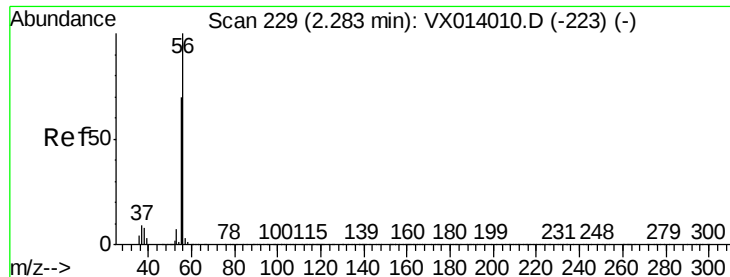


#12

1,1-Dichloroethene
 Concen: 51.661 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.01 min
 Lab File: VX014286.D
 Acq: 26 Dec 2019 21:47

Tgt Ion: 96 Resp: 233181
 Ion Ratio Lower Upper
 96 100
 61 155.3 127.9 191.9
 98 63.1 50.5 75.7

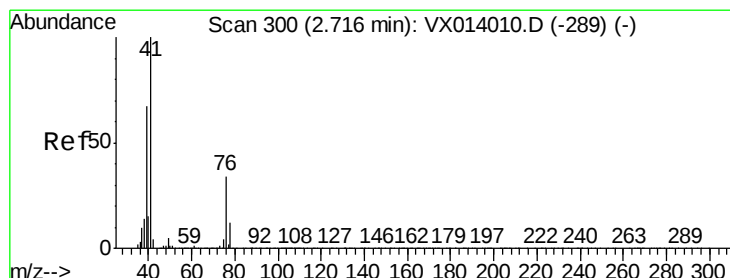
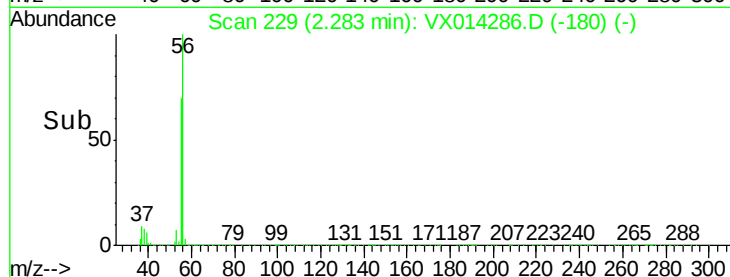
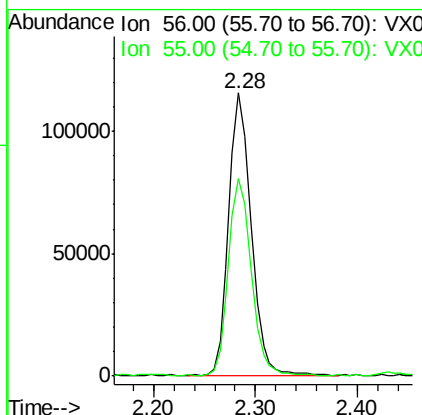
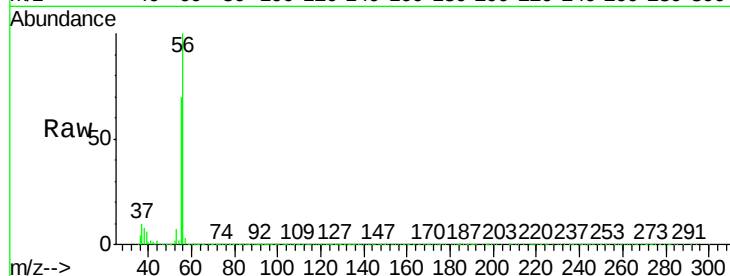




#13
Acrolein
Concen: 268.638 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014286.D
Acq: 26 Dec 2019 21:47

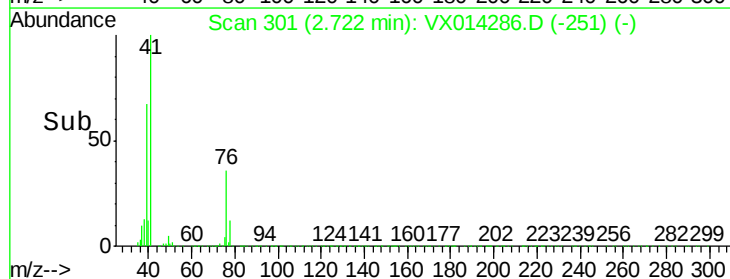
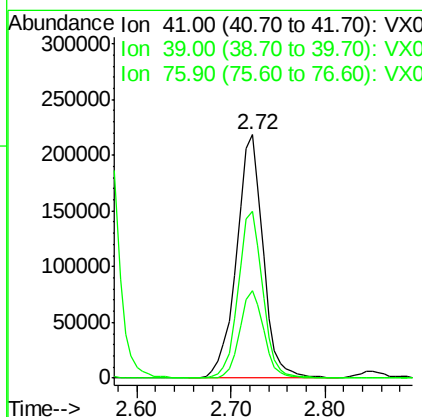
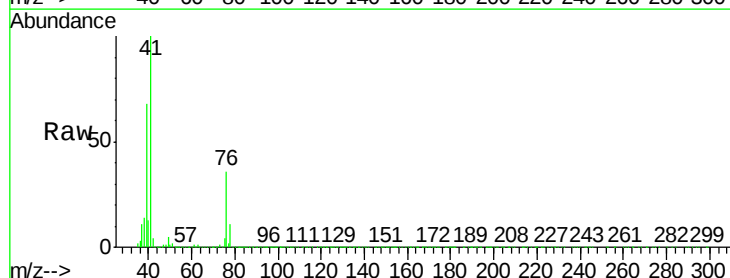
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

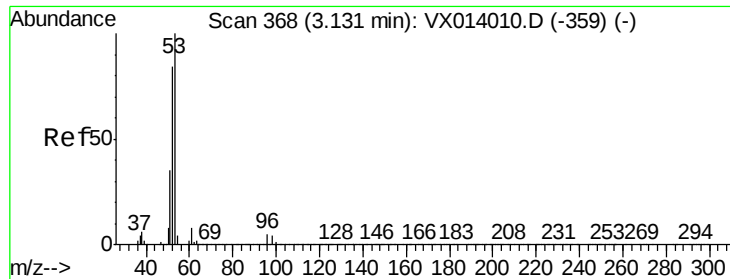
Tgt Ion: 56 Resp: 176706
Ion Ratio Lower Upper
56 100
55 70.3 56.9 85.3



#14
Allyl chloride
Concen: 53.087 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.01 min
Lab File: VX014286.D
Acq: 26 Dec 2019 21:47

Tgt Ion: 41 Resp: 427827
Ion Ratio Lower Upper
41 100
39 63.3 51.8 77.8
76 32.5 25.9 38.9





#15

Acrylonitrile

Concen: 281.094 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

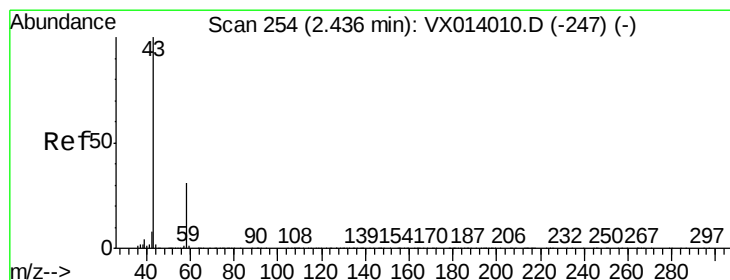
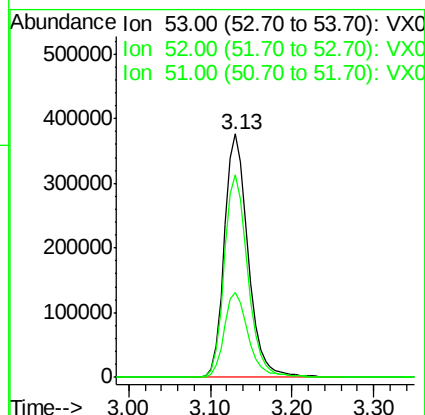
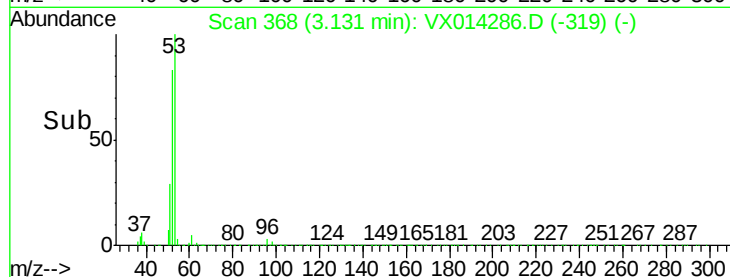
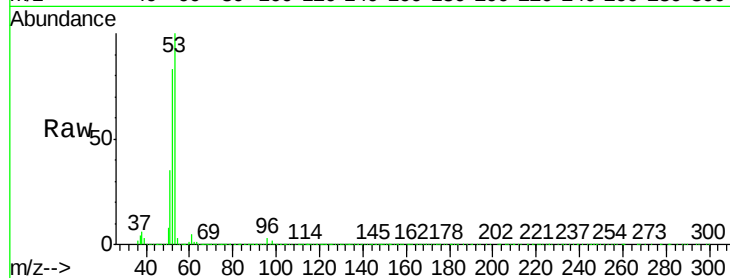
Tgt Ion: 53 Resp: 753921

Ion Ratio Lower Upper

53 100

52 82.5 66.5 99.7

51 36.0 28.1 42.1



#16

Acetone

Concen: 179.188 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014286.D

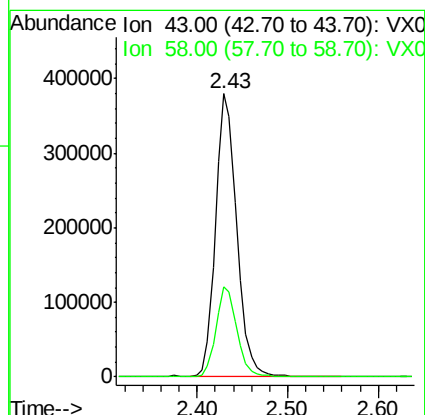
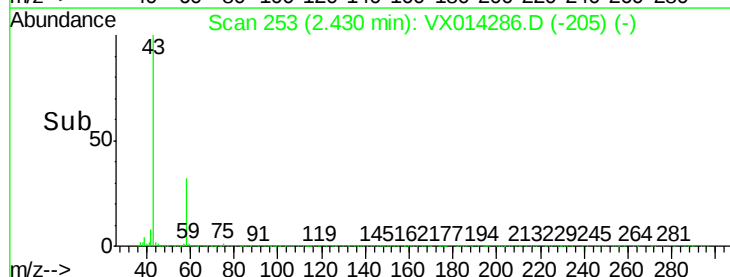
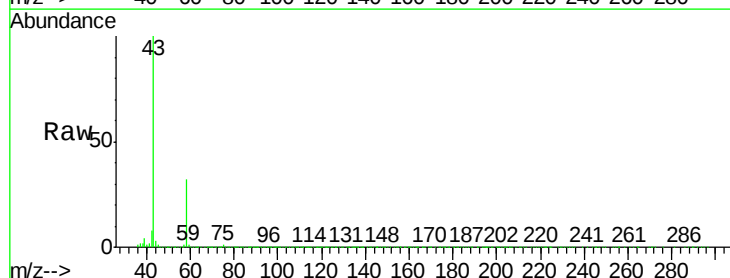
Acq: 26 Dec 2019 21:47

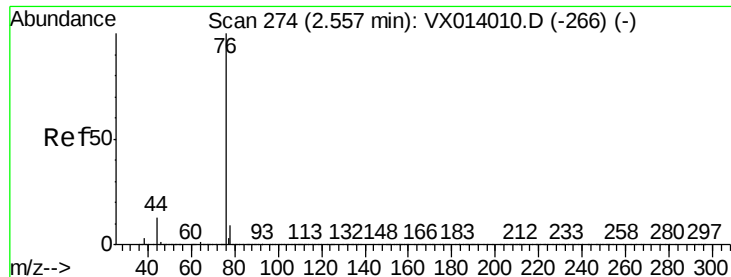
Tgt Ion: 43 Resp: 618656

Ion Ratio Lower Upper

43 100

58 31.9 24.9 37.3

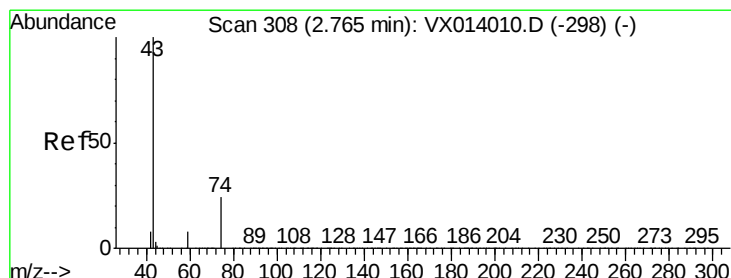
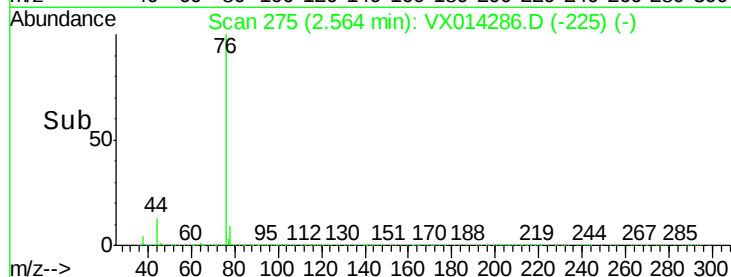
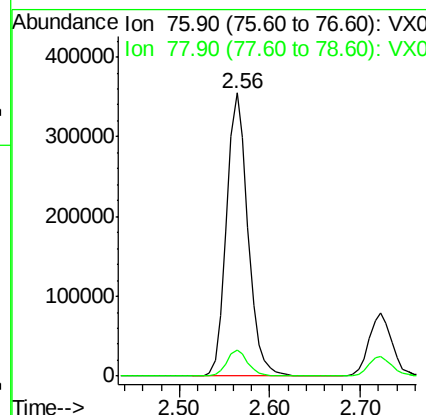
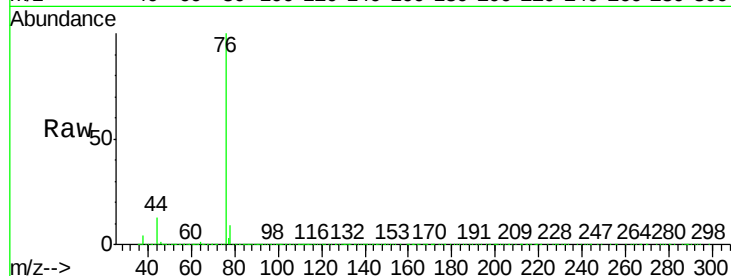




#17
Carbon Disulfide
Concen: 46.634 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX014286.D
Acq: 26 Dec 2019 21:47

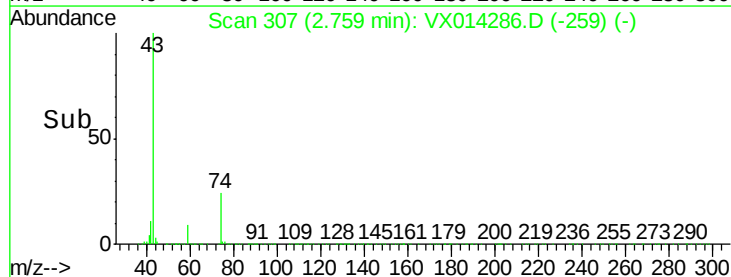
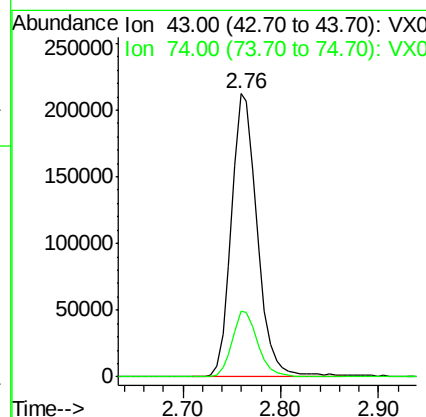
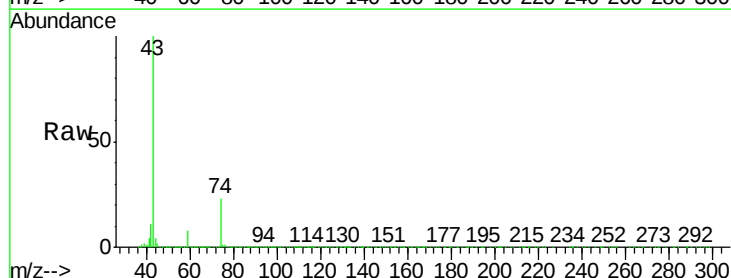
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

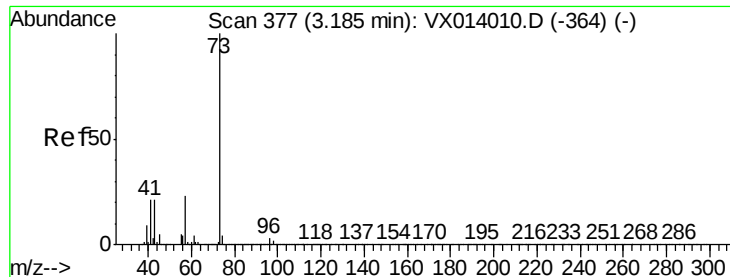
Tgt Ion: 76 Resp: 583711
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 56.513 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014286.D
Acq: 26 Dec 2019 21:47

Tgt Ion: 43 Resp: 386630
Ion Ratio Lower Upper
43 100
74 23.1 19.5 29.3





#19

Methyl tert-butyl Ether

Concen: 54.464 ug/l

RT: 3.19 min Scan# 377

Delta R.T. 0.00 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

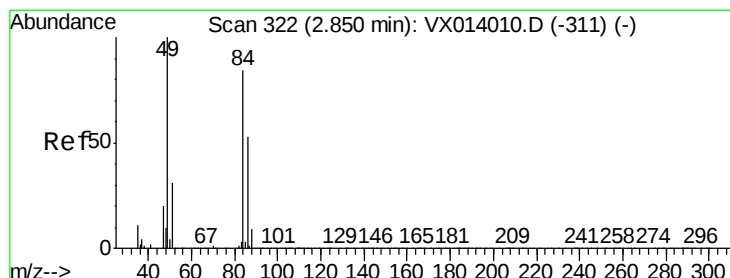
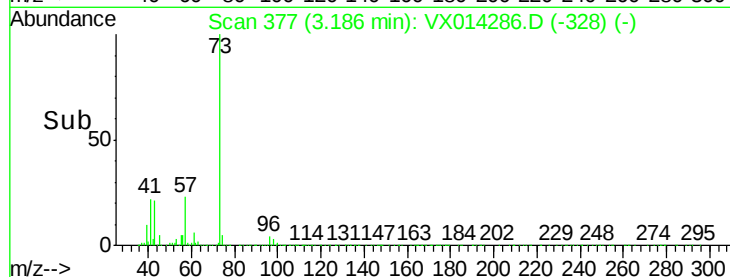
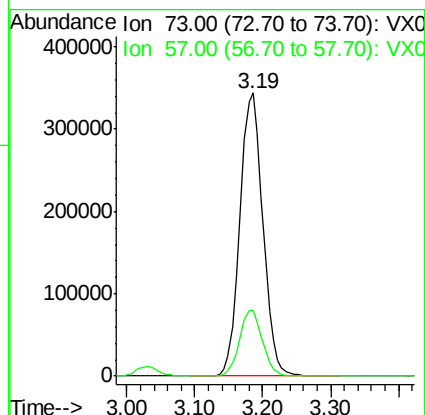
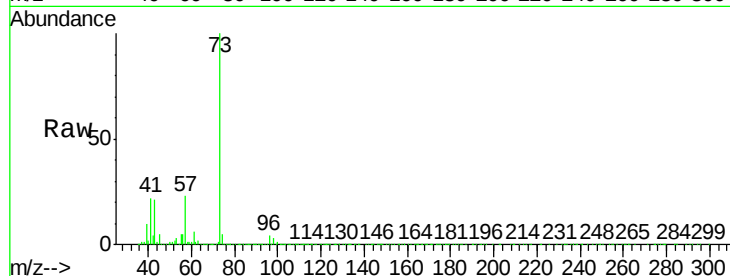
VSTDCCC050EC

Tgt Ion: 73 Resp: 807813

Ion Ratio Lower Upper

73 100

57 23.1 18.8 28.2



#20

Methylene Chloride

Concen: 50.439 ug/l

RT: 2.85 min Scan# 322

Delta R.T. 0.00 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

Tgt Ion: 84 Resp: 274228

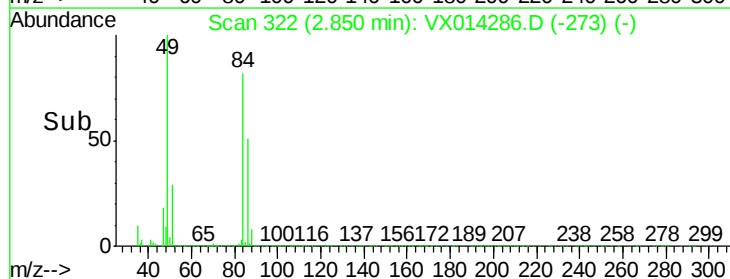
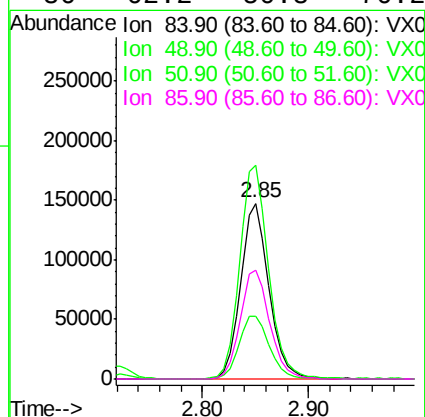
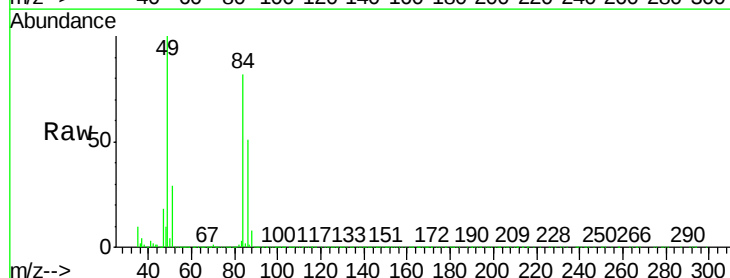
Ion Ratio Lower Upper

84 100

49 121.7 95.8 143.6

51 35.5 29.8 44.8

86 62.2 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 49.952 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

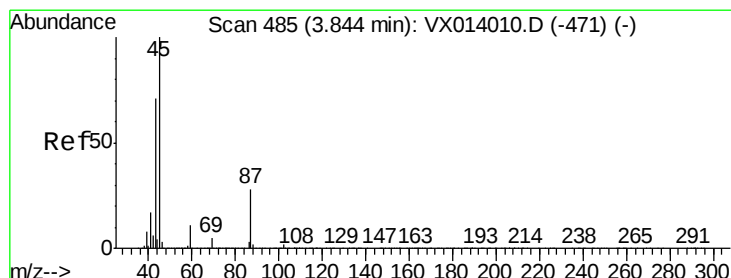
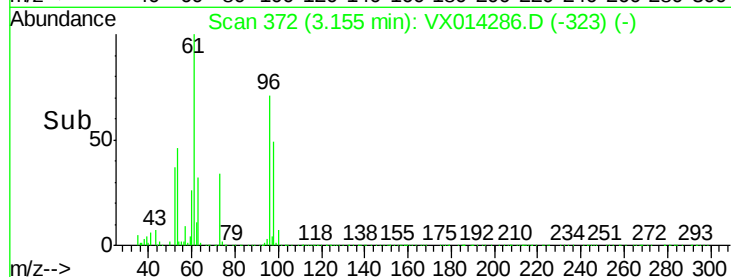
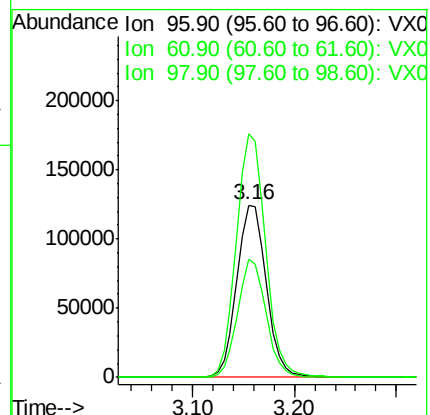
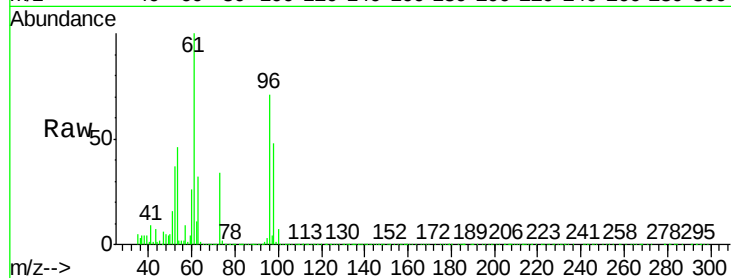
Tgt Ion: 96 Resp: 248395

Ion Ratio Lower Upper

96 100

61 141.3 108.3 162.5

98 68.4 50.8 76.2



#22

Diisopropyl ether

Concen: 56.744 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

Tgt Ion: 45 Resp: 911278

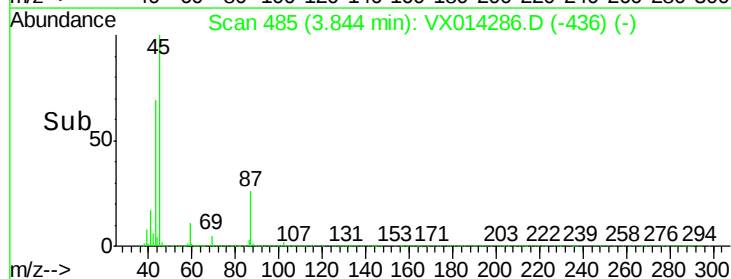
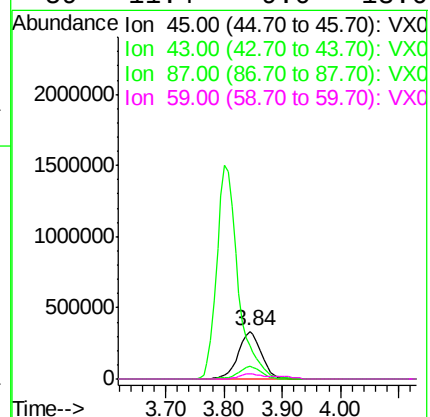
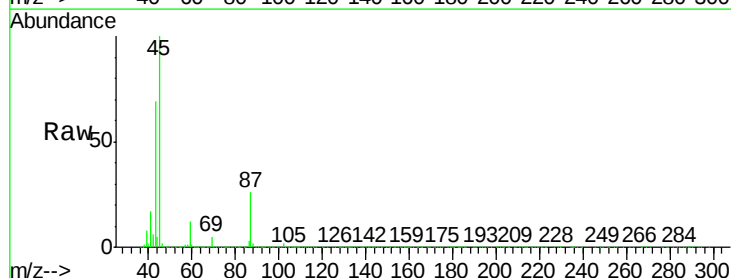
Ion Ratio Lower Upper

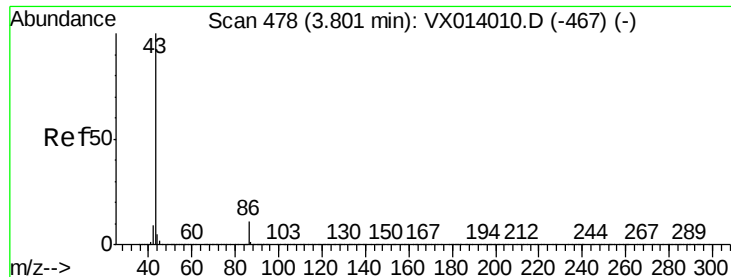
45 100

43 69.3 57.4 86.0

87 25.8 21.9 32.9

59 11.4 9.0 13.6





#23

Vinyl Acetate

Concen: 291.542 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

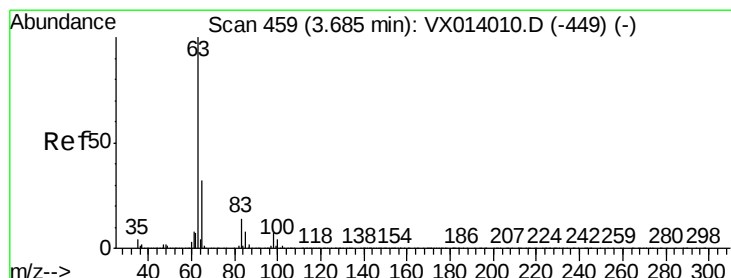
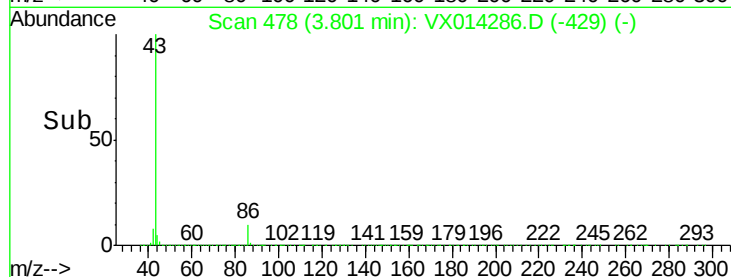
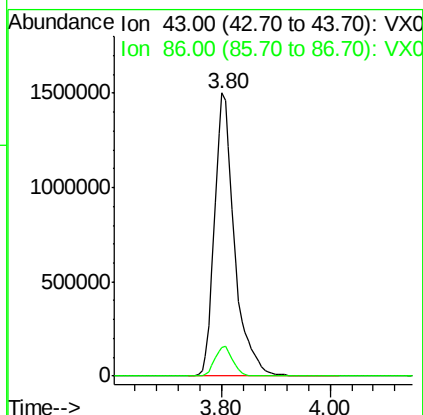
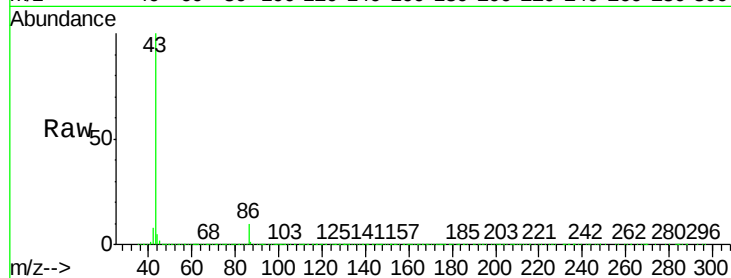
VSTDCCC050EC

Tgt Ion: 43 Resp: 3820815

Ion Ratio Lower Upper

43 100

86 10.2 8.6 12.8



#24

1,1-Dichloroethane

Concen: 53.154 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.01 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

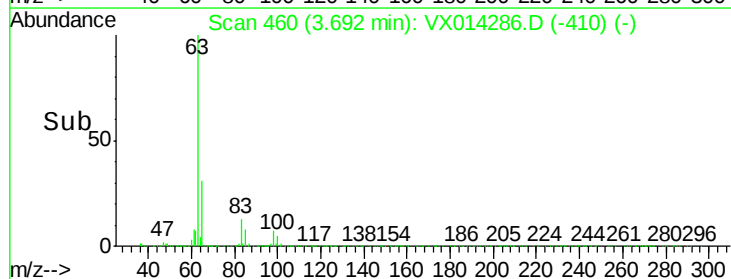
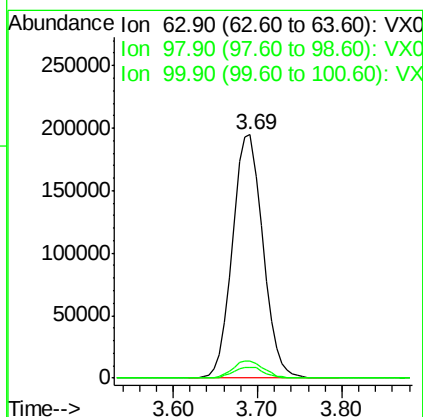
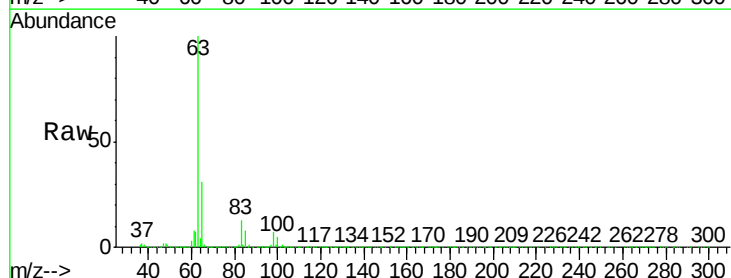
Tgt Ion: 63 Resp: 474931

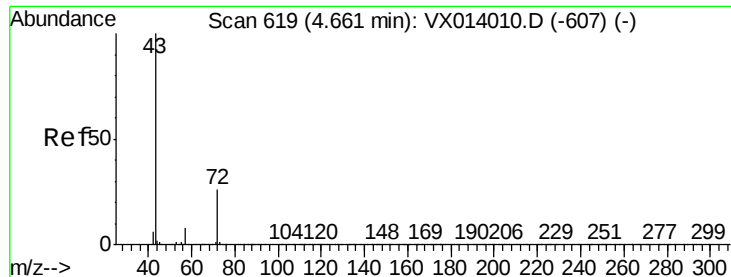
Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

100 4.5 2.3 6.8





#25

2-Butanone

Concen: 241.172 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

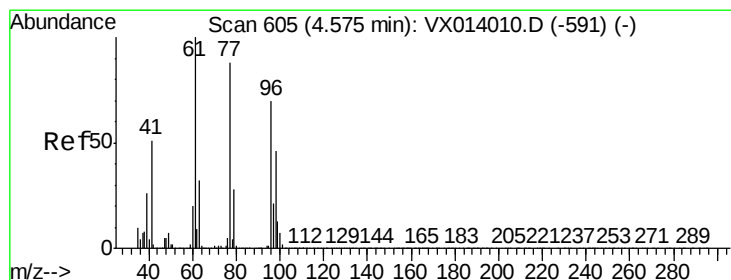
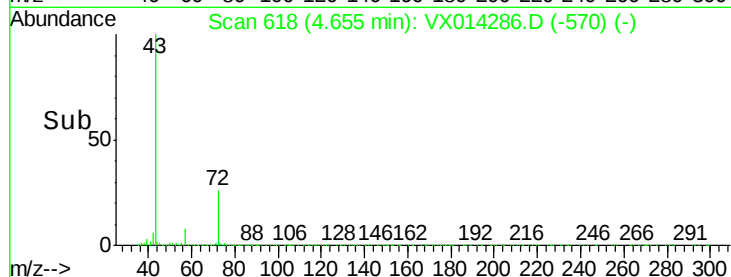
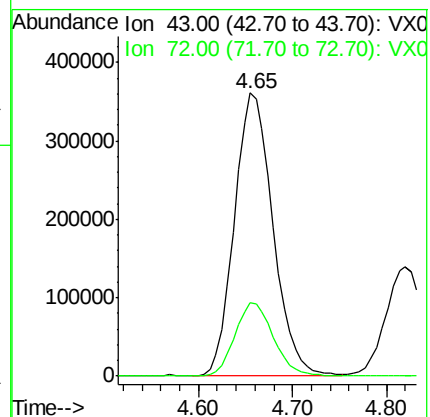
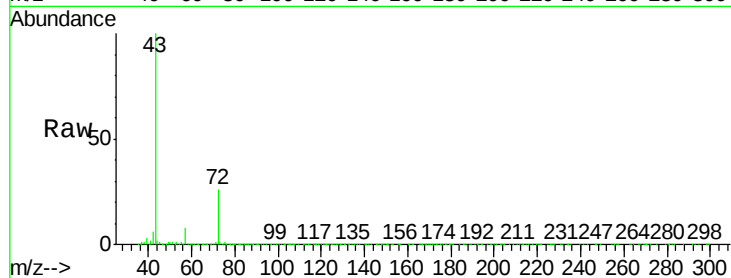
VSTDCCC050EC

Tgt Ion: 43 Resp: 1026568

Ion Ratio Lower Upper

43 100

72 25.9 21.0 31.4



#26

2,2-Dichloropropane

Concen: 45.986 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014286.D

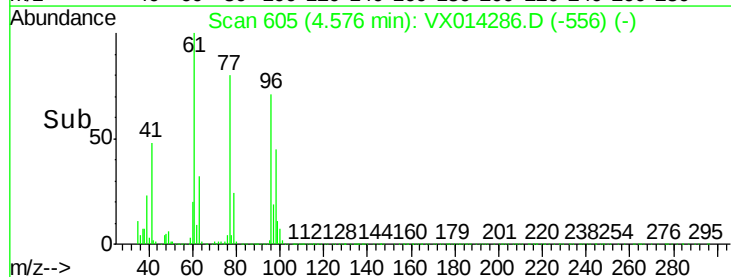
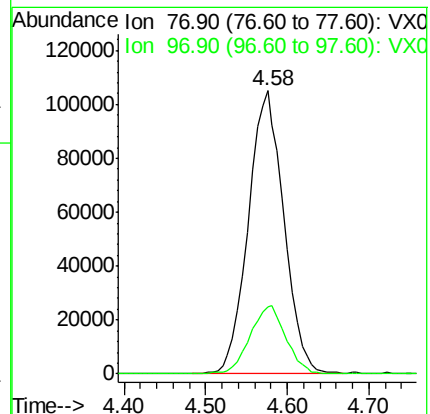
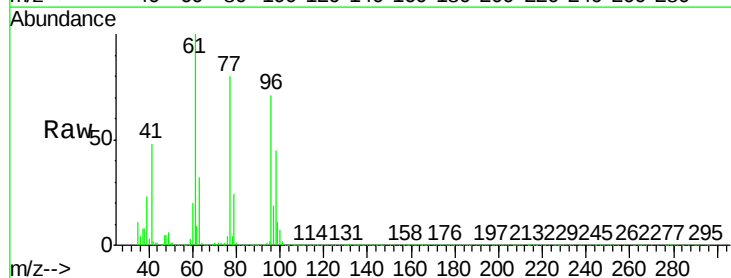
Acq: 26 Dec 2019 21:47

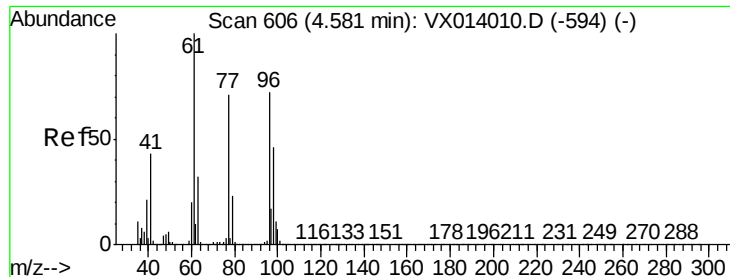
Tgt Ion: 77 Resp: 319012

Ion Ratio Lower Upper

77 100

97 24.2 11.9 35.9



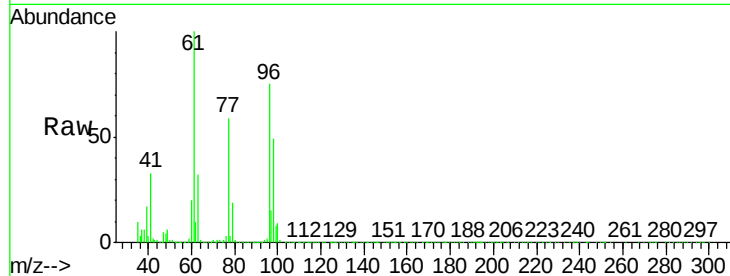


#27

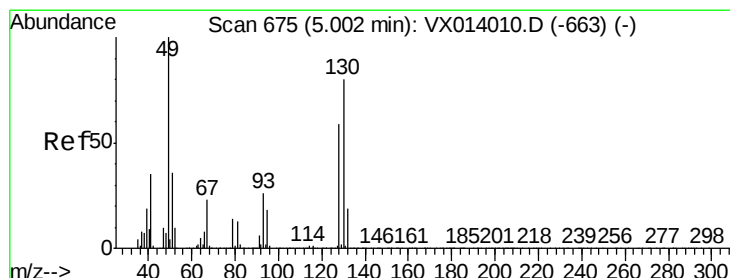
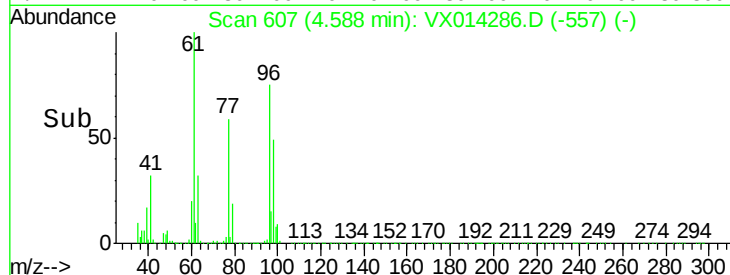
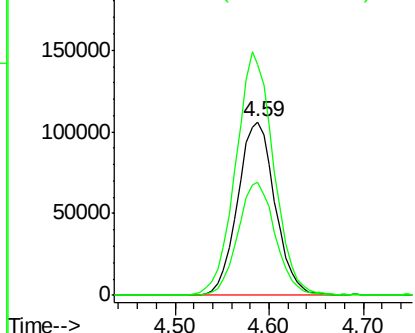
cis-1,2-Dichloroethene
Concen: 52.278 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX014286.D
Acq: 26 Dec 2019 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 294000
Ion Ratio Lower Upper
96 100
61 142.3 0.0 288.4
98 65.3 0.0 129.6



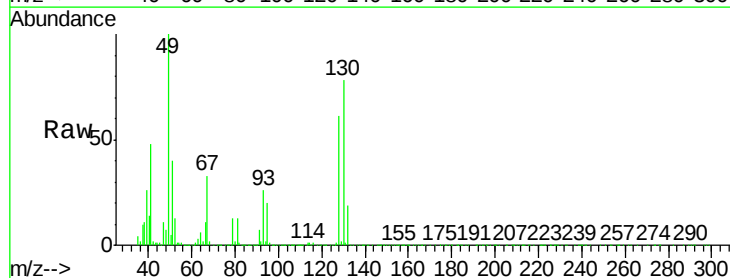
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



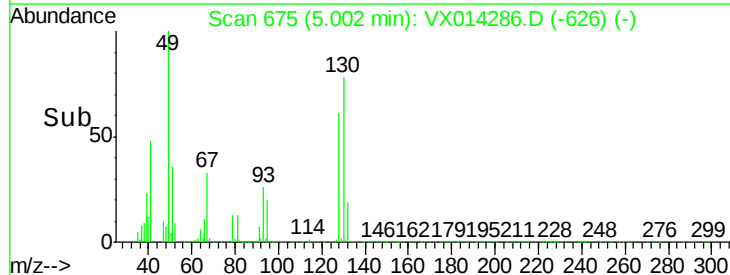
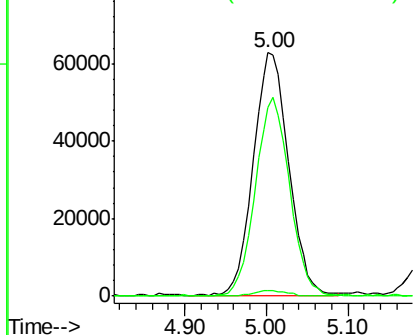
#28

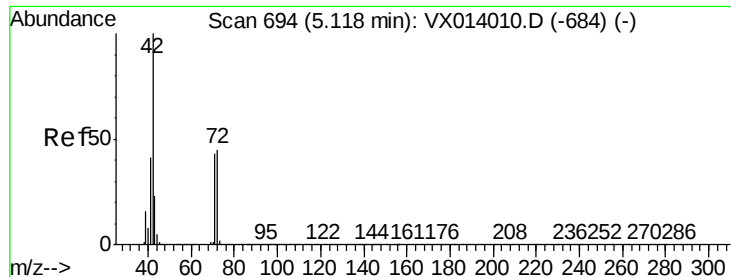
Bromochloromethane
Concen: 55.224 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014286.D
Acq: 26 Dec 2019 21:47

Tgt Ion: 49 Resp: 189926
Ion Ratio Lower Upper
49 100
129 2.4 0.0 5.0
130 78.9 64.6 97.0



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: 284.500 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

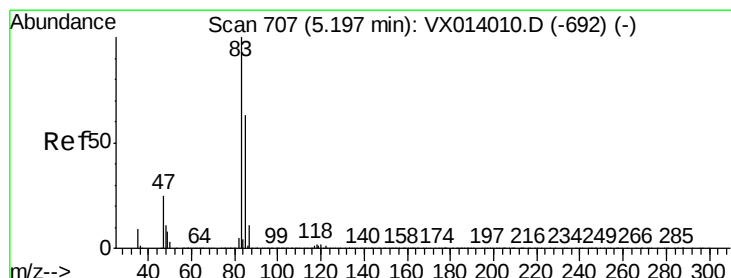
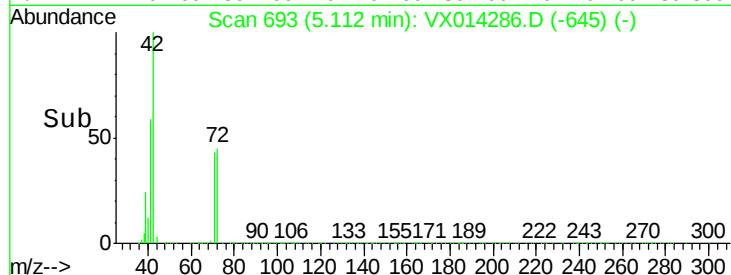
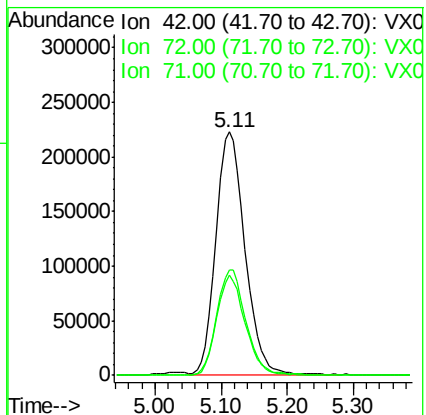
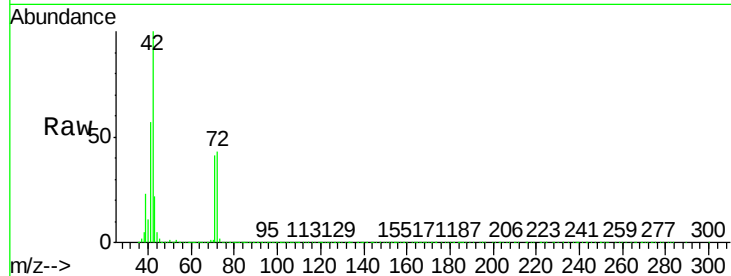
Tgt Ion: 42 Resp: 677342

Ion Ratio Lower Upper

42 100

72 43.8 35.8 53.8

71 40.2 33.6 50.4



#30

Chloroform

Concen: 54.423 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.01 min

Lab File: VX014286.D

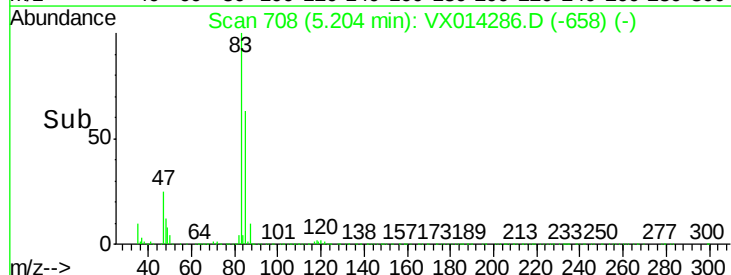
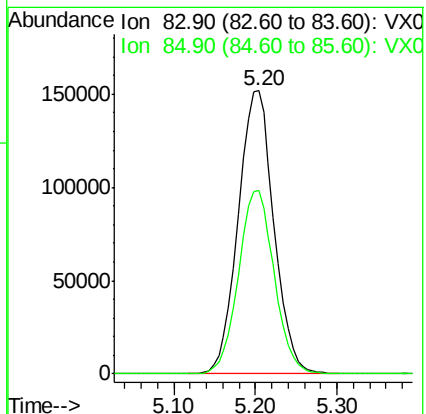
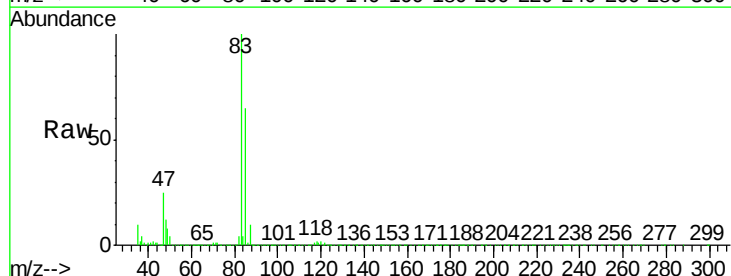
Acq: 26 Dec 2019 21:47

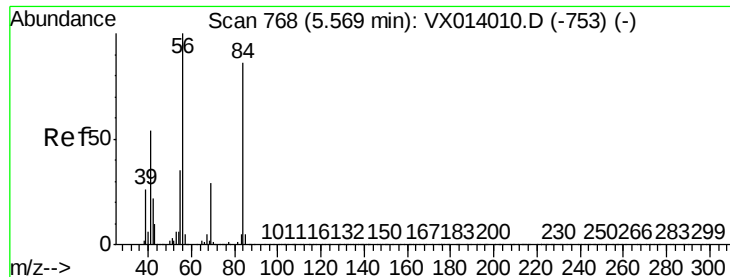
Tgt Ion: 83 Resp: 460967

Ion Ratio Lower Upper

83 100

85 64.6 50.8 76.2

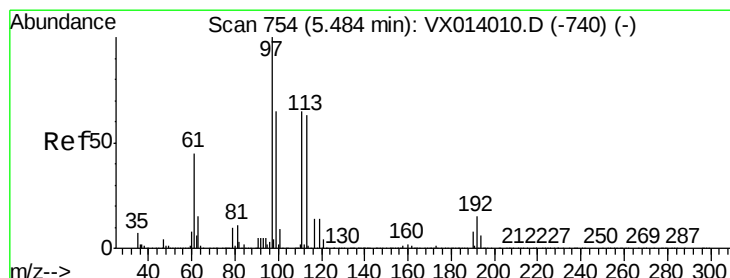
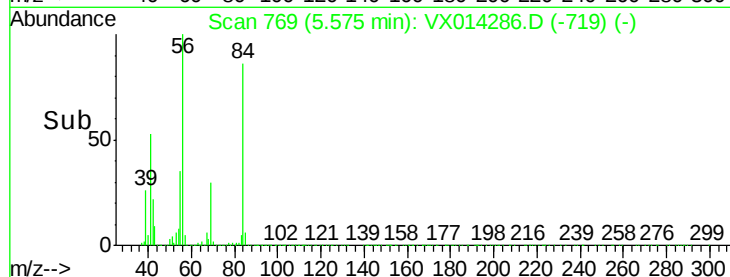
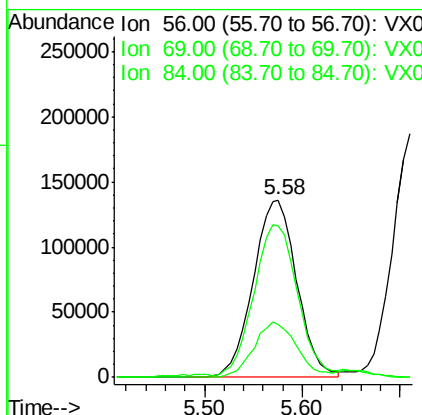
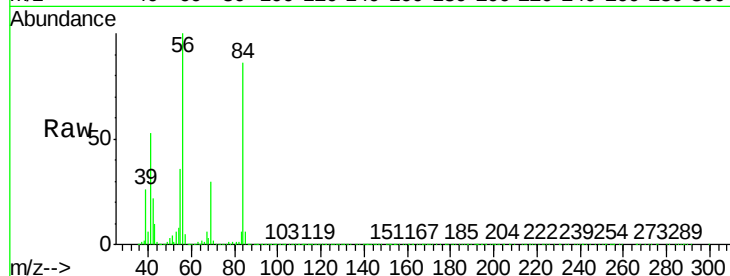




#31
Cyclohexane
Concen: 52.815 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX014286.D
Acq: 26 Dec 2019 21:47

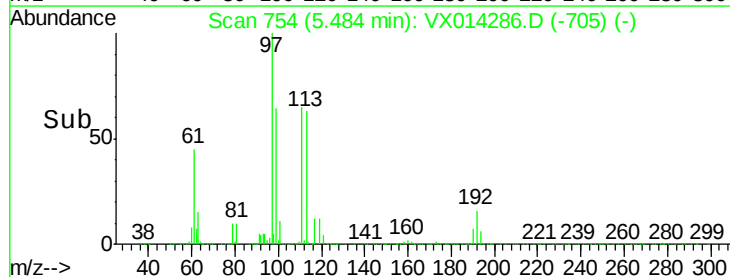
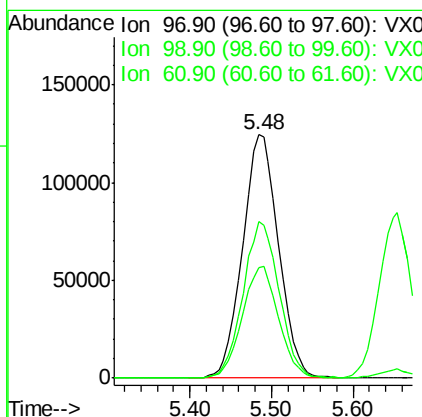
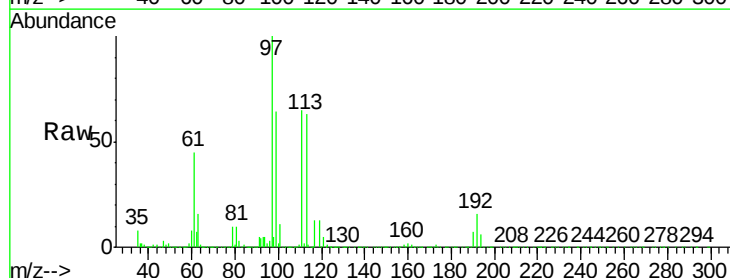
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 419707
Ion Ratio Lower Upper
56 100
69 30.1 23.2 34.8
84 84.6 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 52.722 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014286.D
Acq: 26 Dec 2019 21:47

Tgt Ion: 97 Resp: 380592
Ion Ratio Lower Upper
97 100
99 64.6 52.0 78.0
61 45.9 36.7 55.1





#33

1,2-Dichloroethane-d4

Concen: 51.774 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

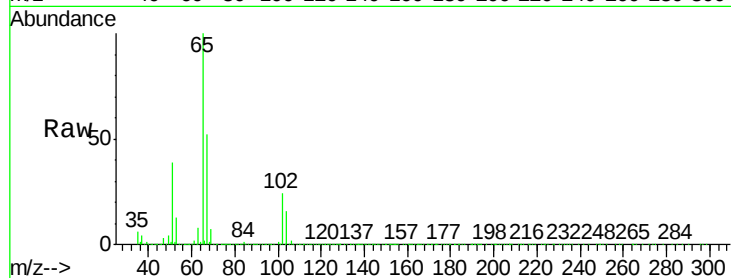
VSTDCCC050EC

Tgt Ion: 65 Resp: 275334

Ion Ratio Lower Upper

65 100

67 53.2 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

120000

100000

80000

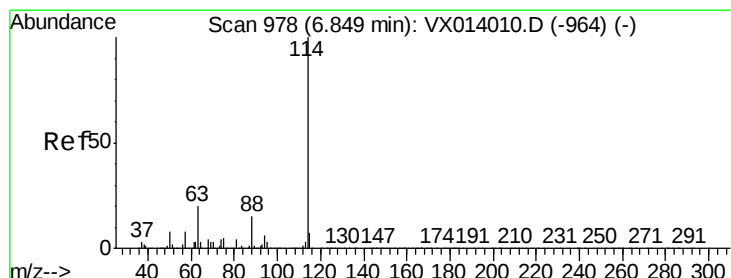
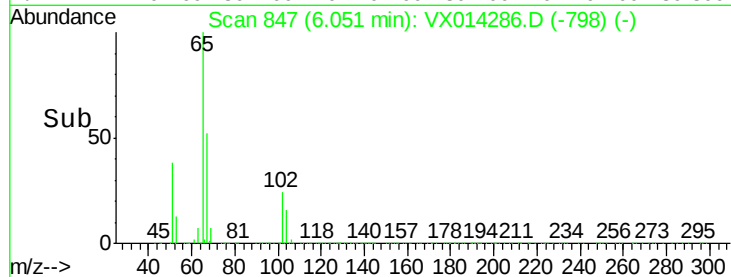
60000

40000

20000

0

Time--> 5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

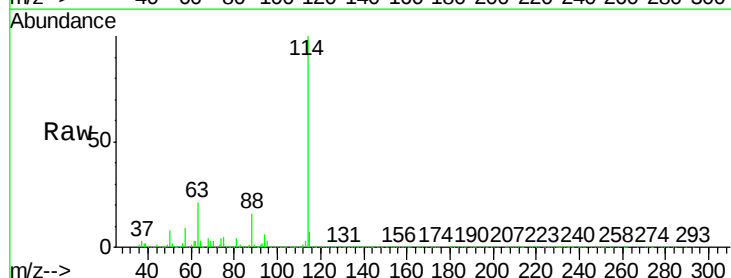
Tgt Ion: 114 Resp: 743175

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.8

88 16.0 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

400000

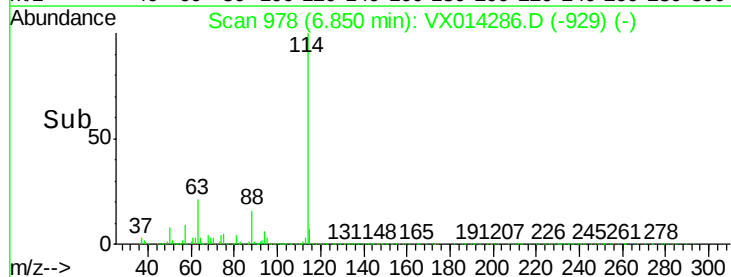
300000

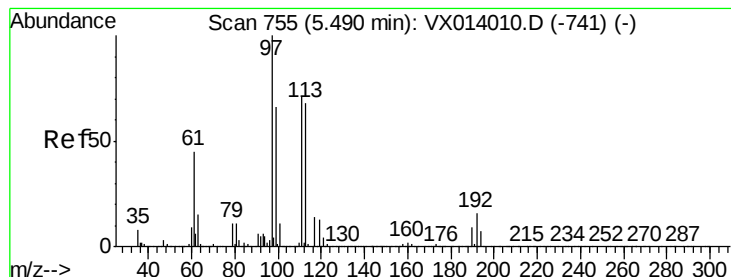
200000

100000

0

Time--> 6.80 6.90





#35

Dibromofluoromethane

Concen: 50.734 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

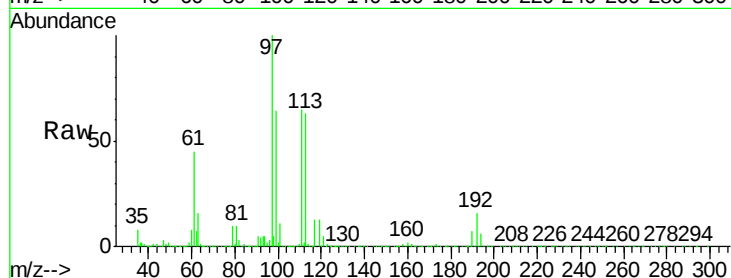
Tgt Ion: 113 Resp: 229198

Ion Ratio Lower Upper

113 100

111 102.2 82.0 123.0

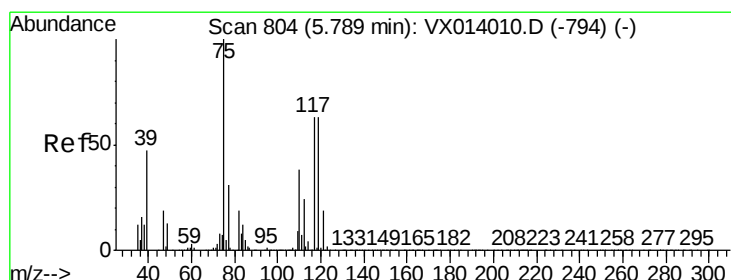
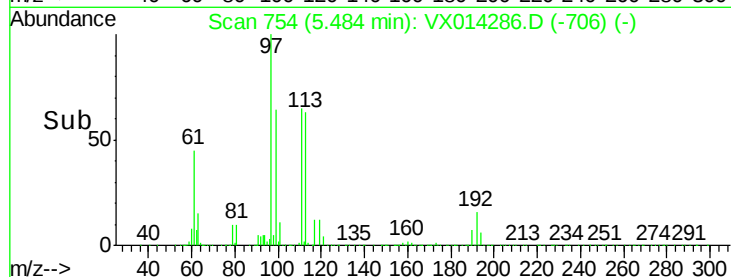
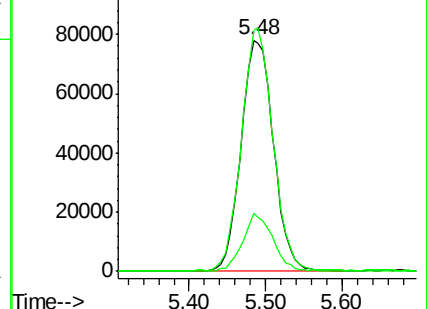
192 23.6 19.3 28.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.315 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

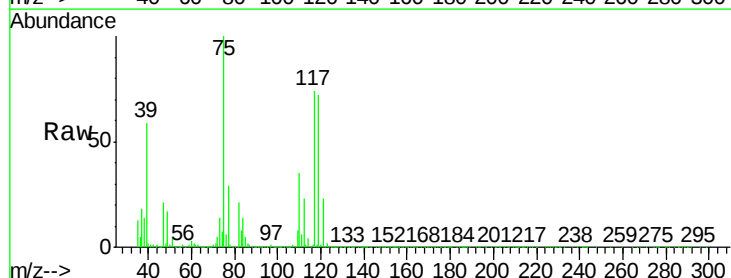
Tgt Ion: 75 Resp: 343099

Ion Ratio Lower Upper

75 100

110 35.9 18.3 54.9

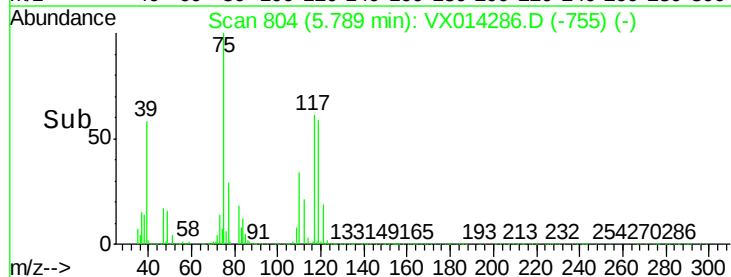
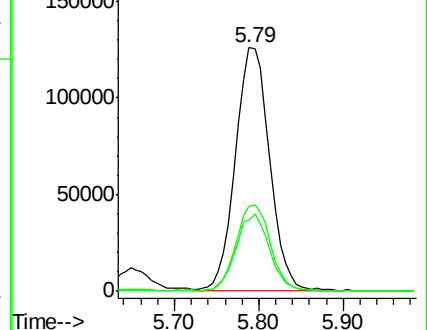
77 31.1 24.8 37.2

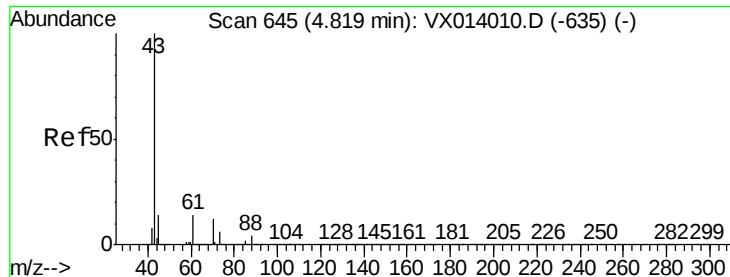


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

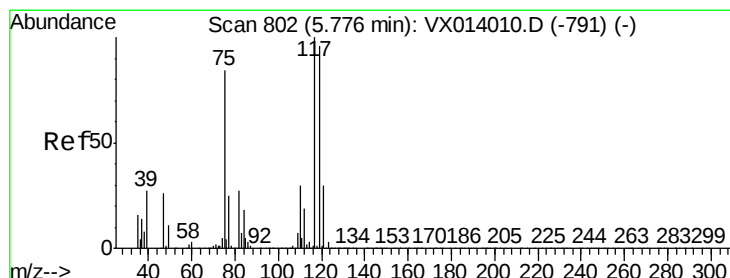
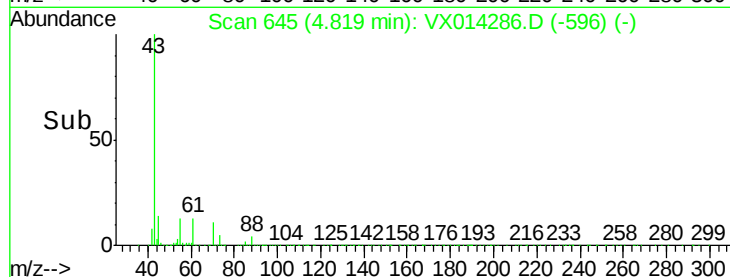
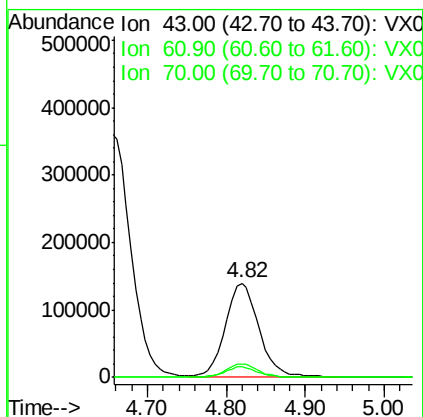
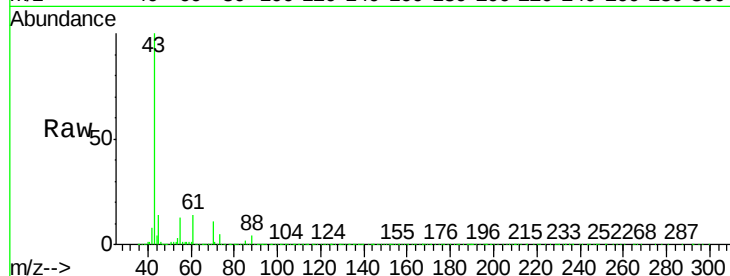




#37
Ethyl Acetate
Concen: 54.028 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014286.D
Acq: 26 Dec 2019 21:47

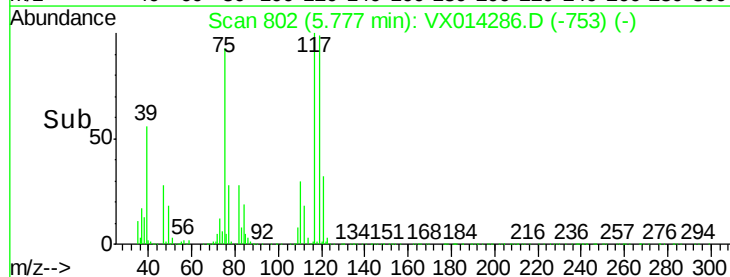
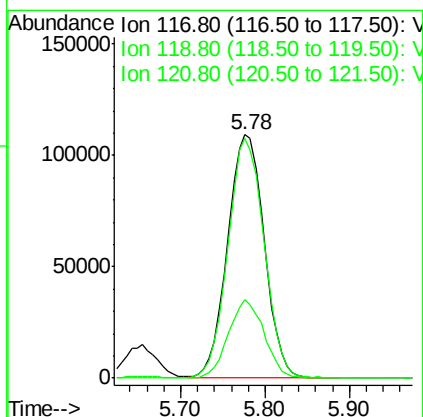
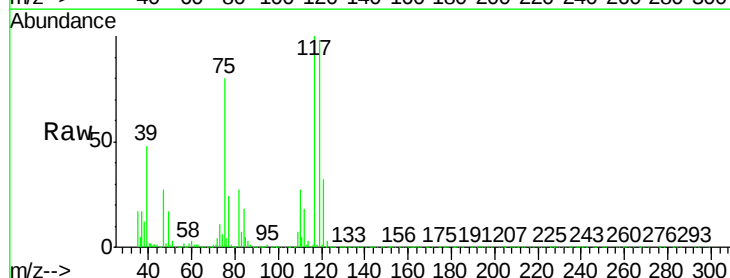
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

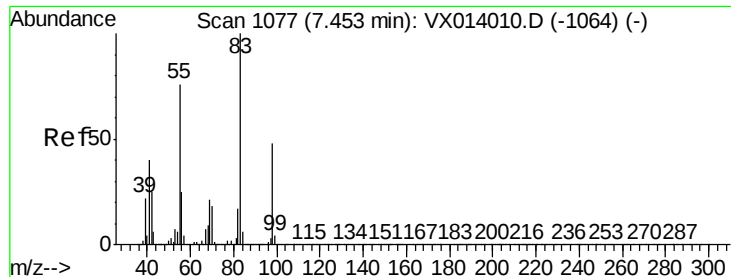
Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.8	16.2
70	11.0	8.6	12.8



#38
Carbon Tetrachloride
Concen: 51.833 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014286.D
Acq: 26 Dec 2019 21:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.3	76.2	114.4
121	31.9	23.6	35.4





#39

Methylcyclohexane

Concen: 49.280 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. 0.01 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

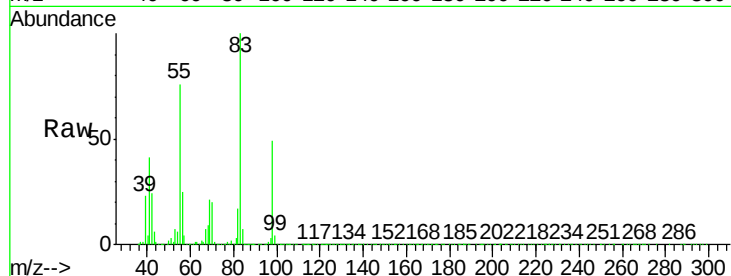
Tgt Ion: 83 Resp: 414933

Ion Ratio Lower Upper

83 100

55 76.3 61.0 91.6

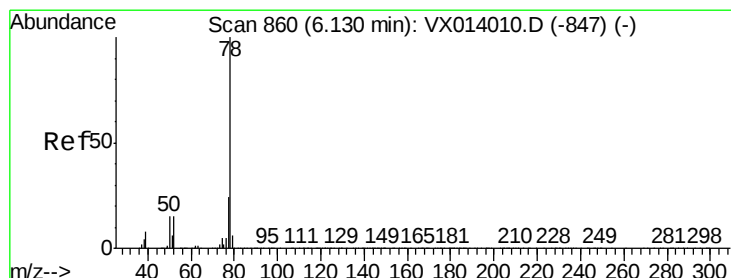
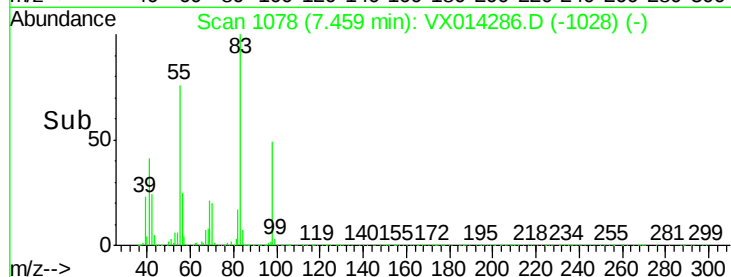
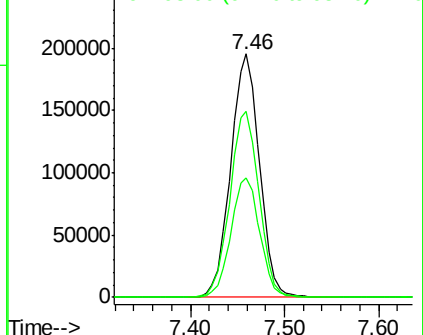
98 49.0 38.6 57.8



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 51.527 ug/l

RT: 6.14 min Scan# 861

Delta R.T. 0.01 min

Lab File: VX014286.D

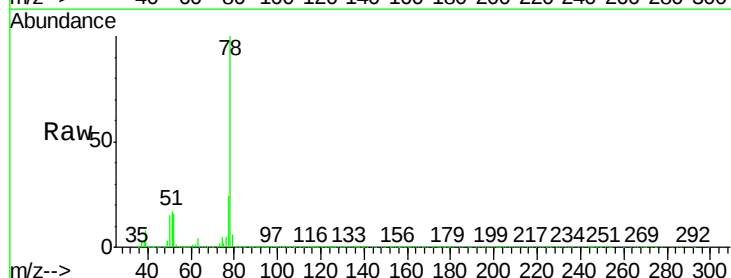
Acq: 26 Dec 2019 21:47

Tgt Ion: 78 Resp: 1081103

Ion Ratio Lower Upper

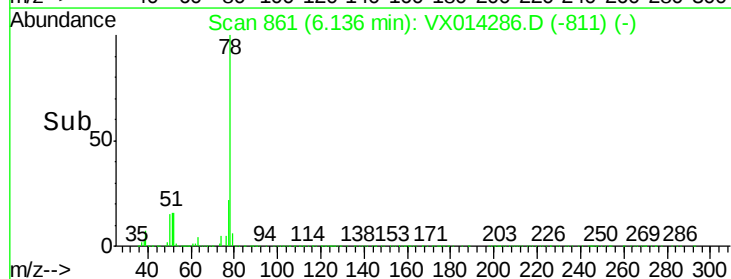
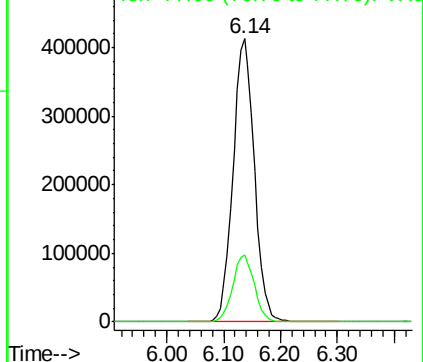
78 100

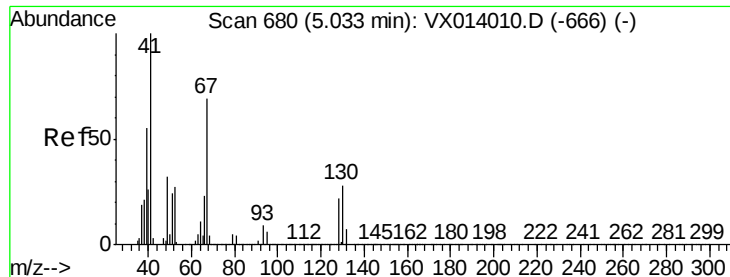
77 23.5 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

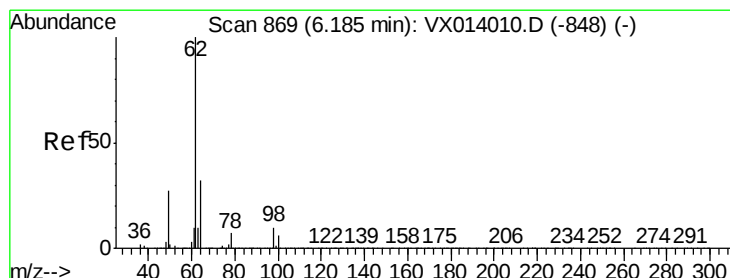
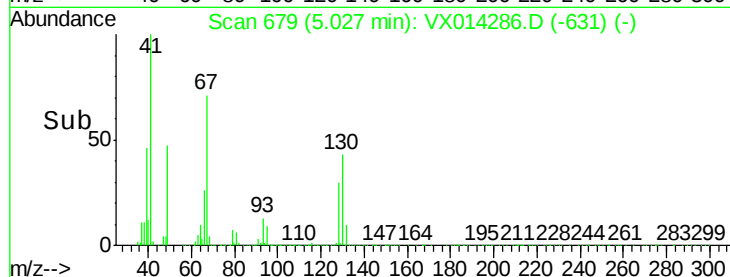
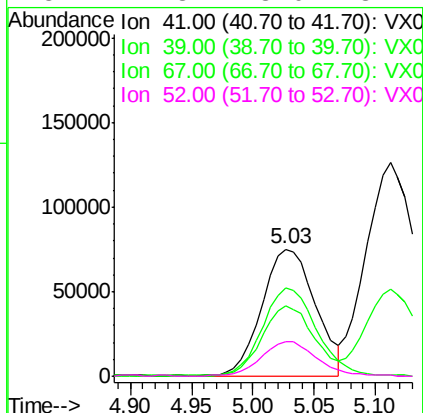
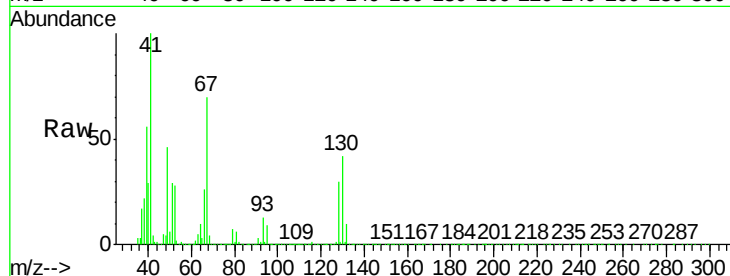




#41
Methacrylonitrile
Concen: 54.711 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014286.D
Acq: 26 Dec 2019 21:47

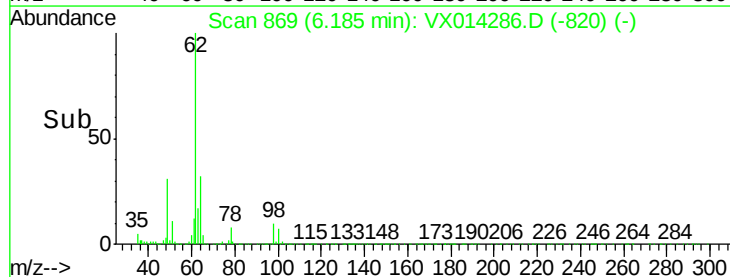
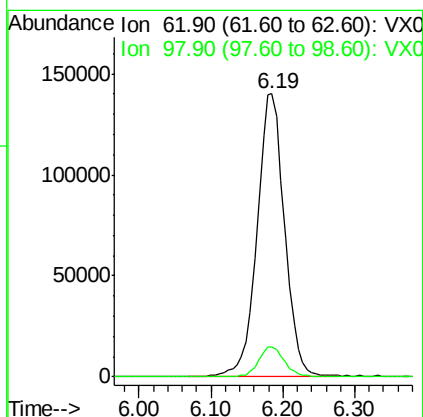
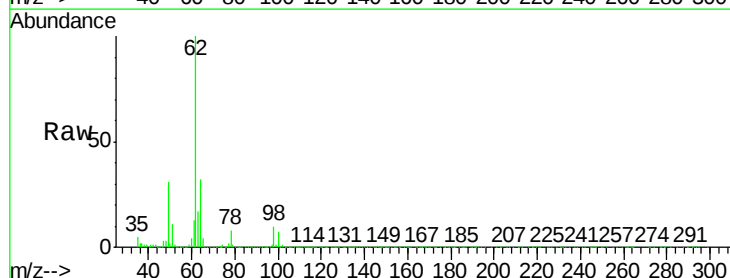
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

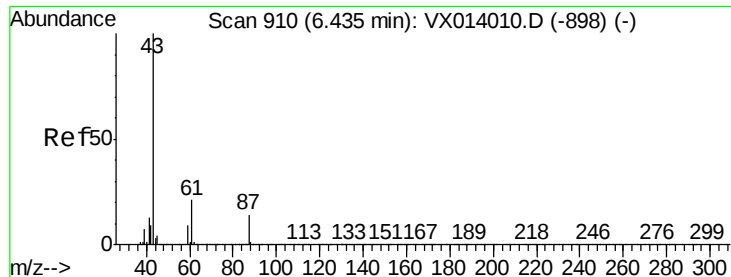
Tgt Ion:	41	Resp:	228588
Ion	Ratio	Lower	Upper
41	100		
39	53.2	44.5	66.7
67	70.3	57.4	86.0
52	27.3	23.0	34.4



#42
1,2-Dichloroethane
Concen: 52.016 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014286.D
Acq: 26 Dec 2019 21:47

Tgt Ion:	62	Resp:	369945
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	21.0





#43

Isopropyl Acetate

Concen: 53.511 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

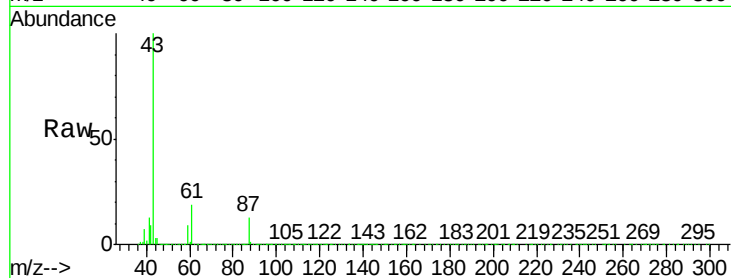
Tgt Ion: 43 Resp: 666852

Ion Ratio Lower Upper

43 100

61 19.9 16.4 24.6

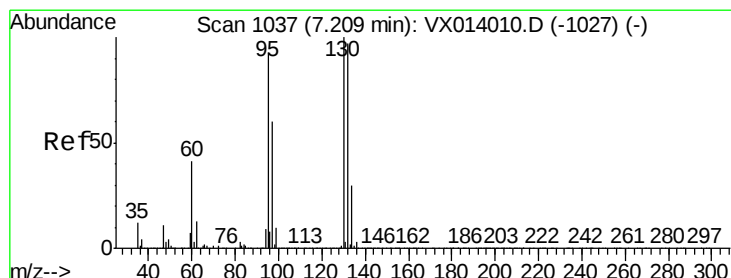
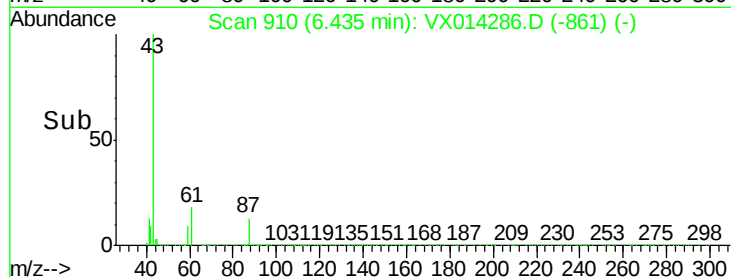
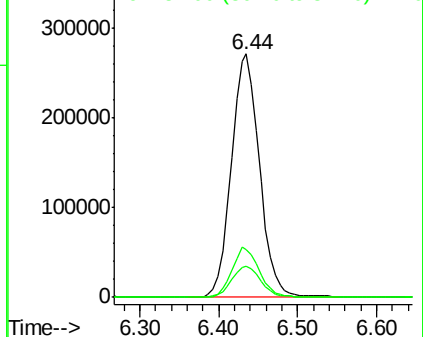
87 13.4 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 49.297 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX014286.D

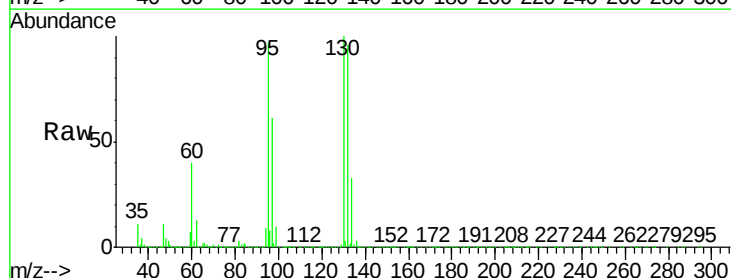
Acq: 26 Dec 2019 21:47

Tgt Ion: 130 Resp: 285691

Ion Ratio Lower Upper

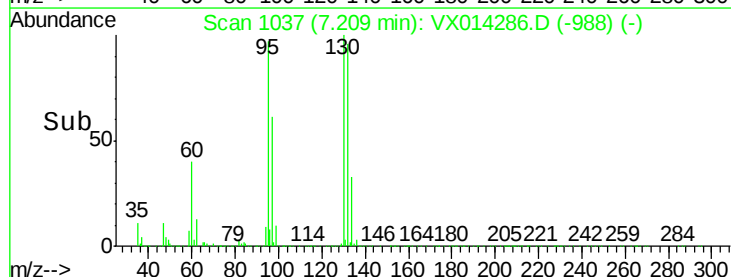
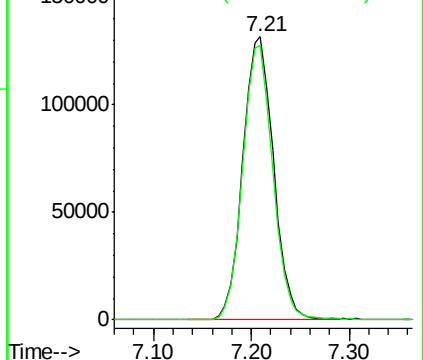
130 100

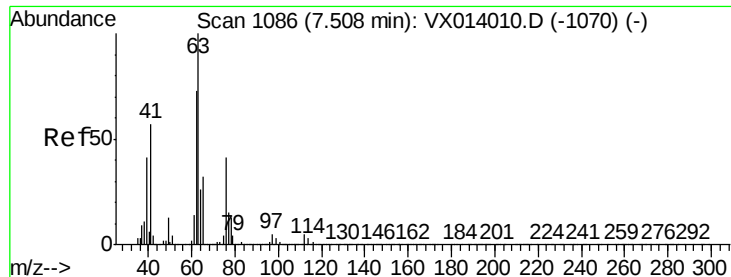
95 97.0 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 53.106 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

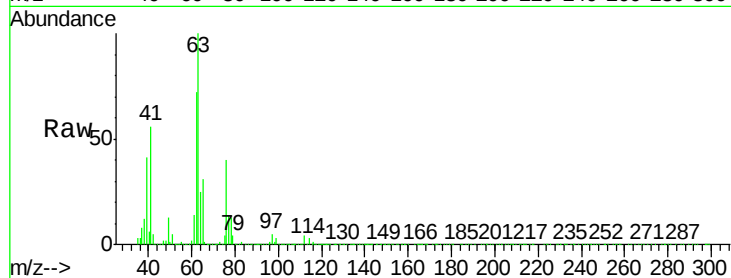
VSTDCCC050EC

Tgt Ion: 63 Resp: 285587

Ion Ratio Lower Upper

63 100

65 30.7 25.8 38.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

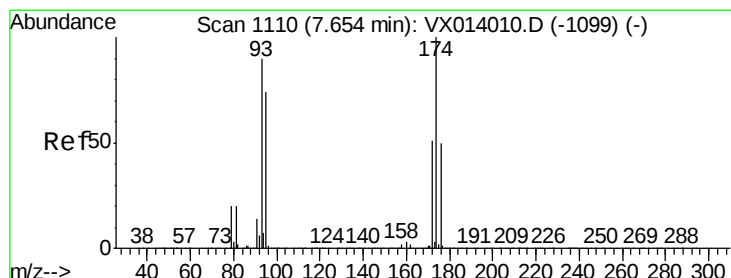
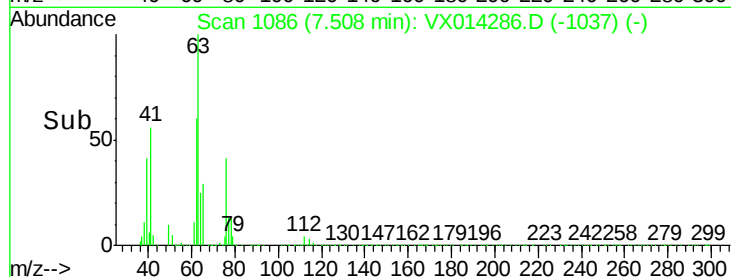
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 51.127 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

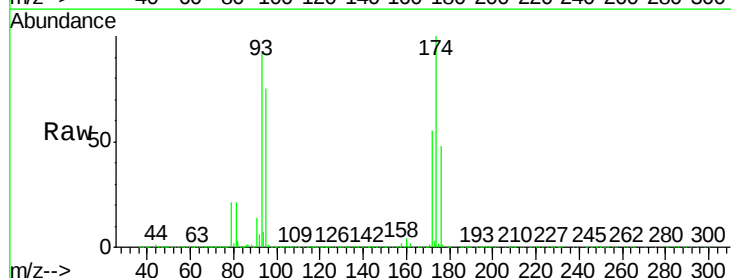
Tgt Ion: 93 Resp: 181782

Ion Ratio Lower Upper

93 100

95 82.5 67.3 100.9

174 110.9 91.6 137.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

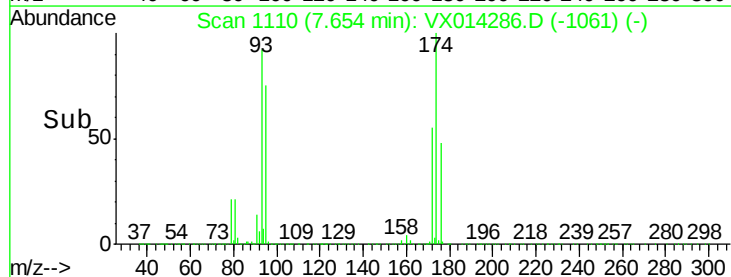
Ion 173.70 (173.40 to 174.40): V

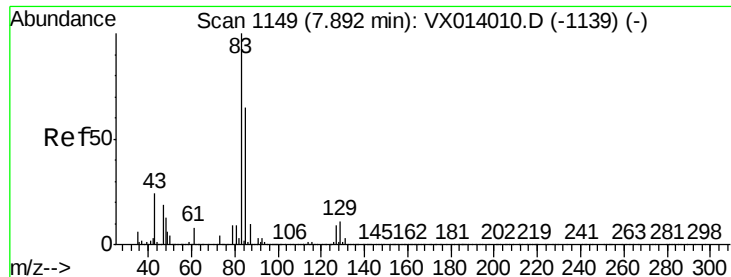
100000

50000

0

Time-->





#47

Bromodichloromethane

Concen: 53.389 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

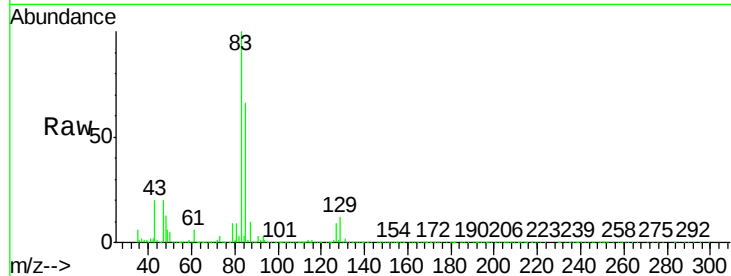
Tgt Ion: 83 Resp: 357506

Ion Ratio Lower Upper

83 100

85 65.5 51.8 77.8

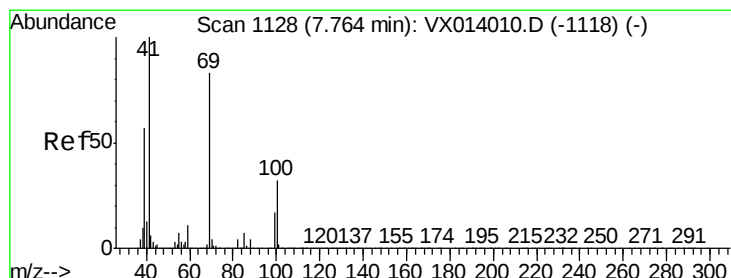
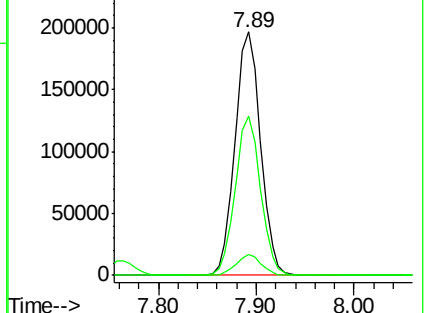
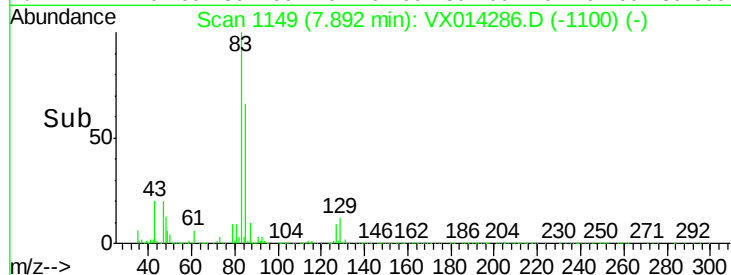
127 8.8 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 53.587 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

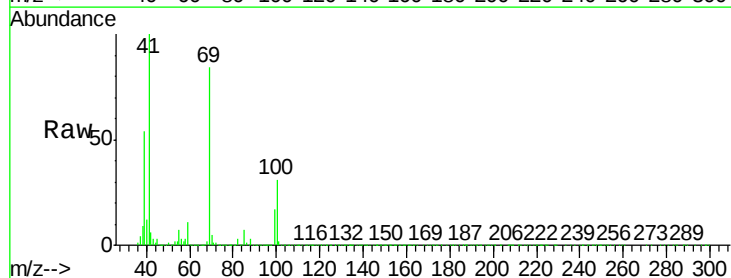
Tgt Ion: 41 Resp: 327003

Ion Ratio Lower Upper

41 100

69 81.2 65.8 98.6

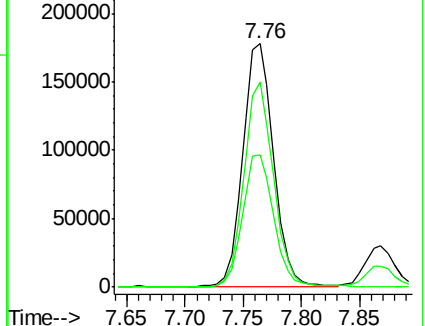
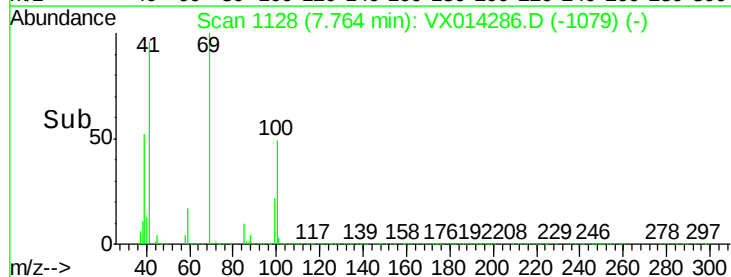
39 54.9 44.6 67.0

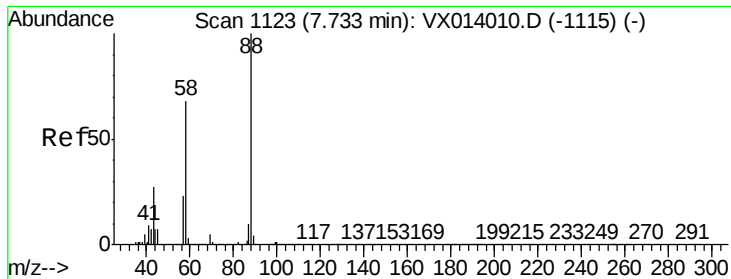


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

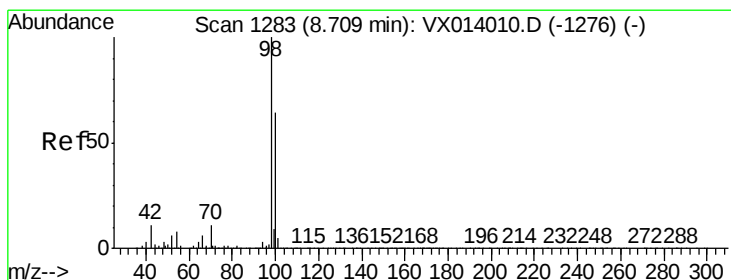
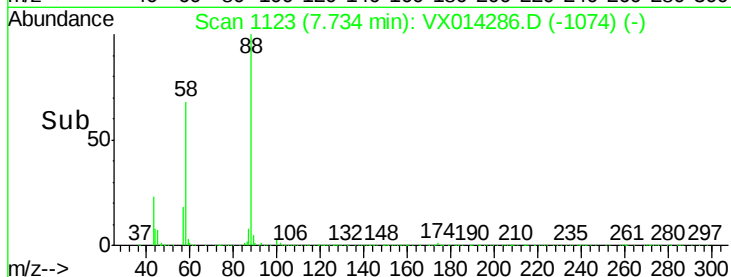
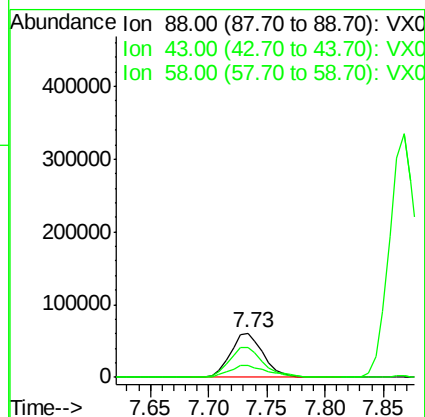
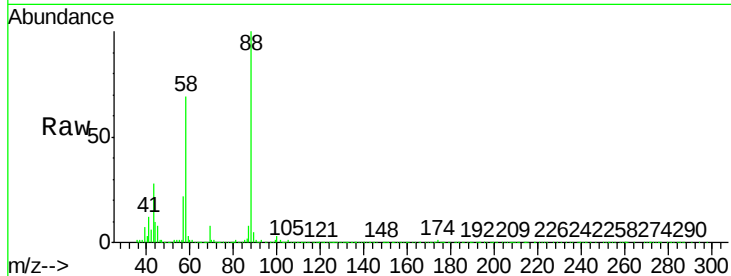




#49
1,4-Dioxane
Concen: 942.523 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX014286.D
Acq: 26 Dec 2019 21:47

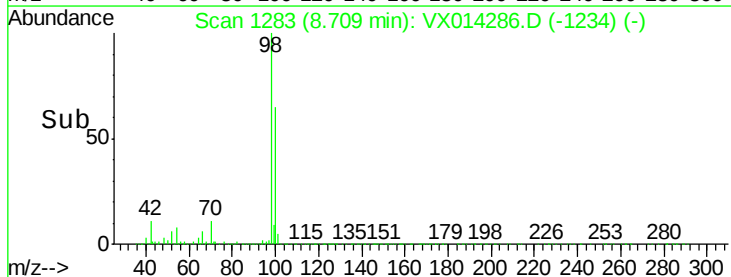
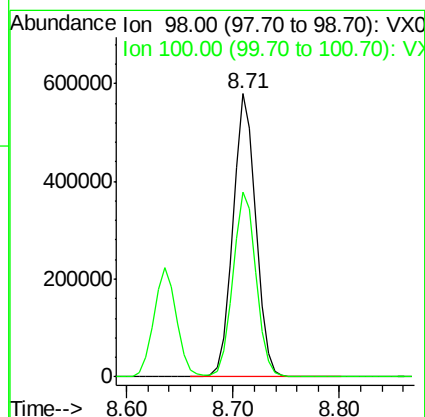
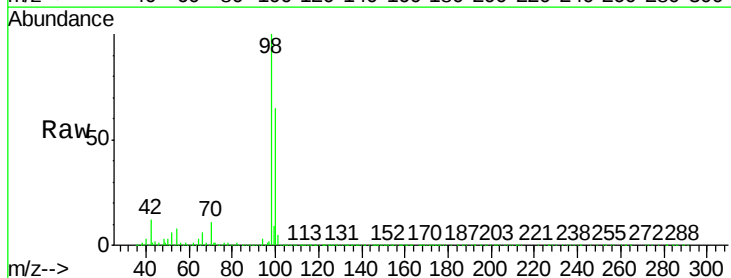
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

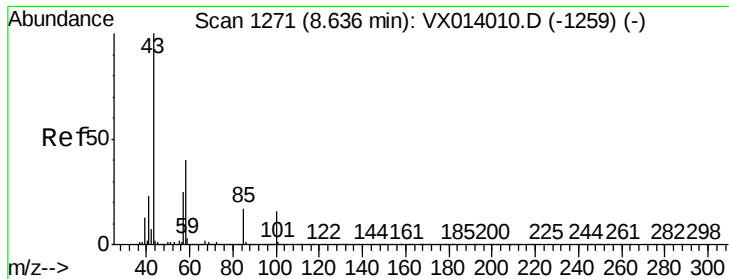
Tgt Ion: 88 Resp: 117046
Ion Ratio Lower Upper
88 100
43 32.8 26.5 39.7
58 70.7 56.8 85.2



#50
Toluene-d8
Concen: 49.587 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014286.D
Acq: 26 Dec 2019 21:47

Tgt Ion: 98 Resp: 872152
Ion Ratio Lower Upper
98 100
100 66.0 52.9 79.3

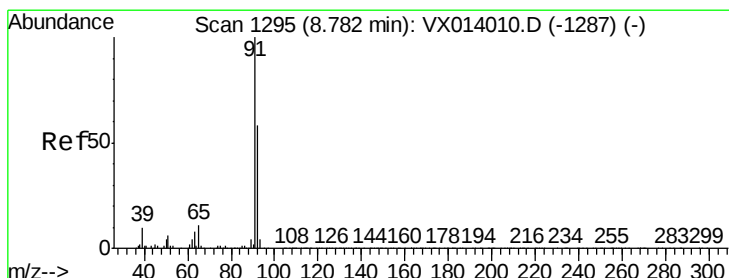
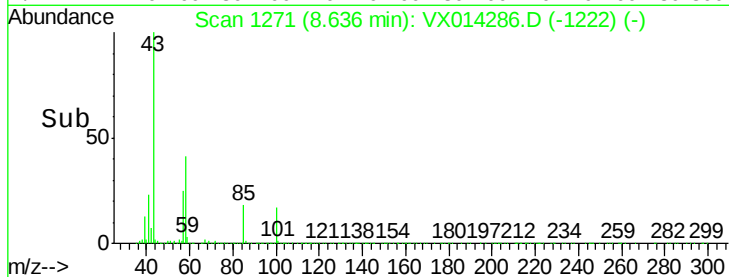
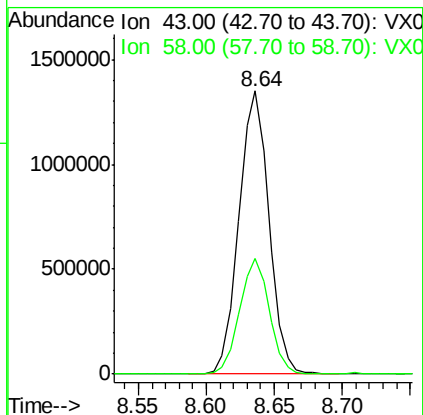
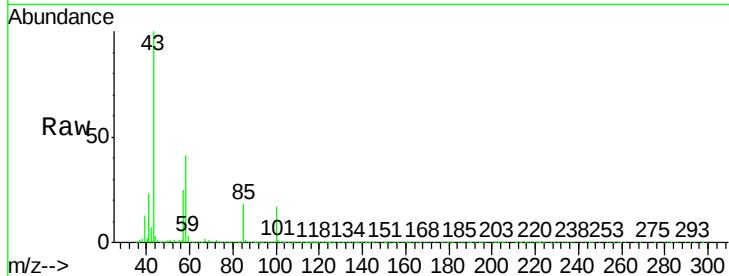




#51
 4-Methyl-2-Pentanone
 Concen: 266.360 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VX014286.D
 Acq: 26 Dec 2019 21:47

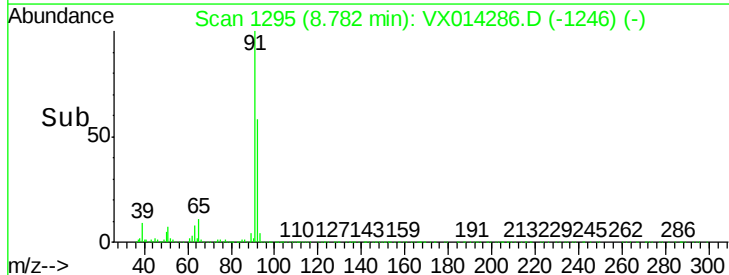
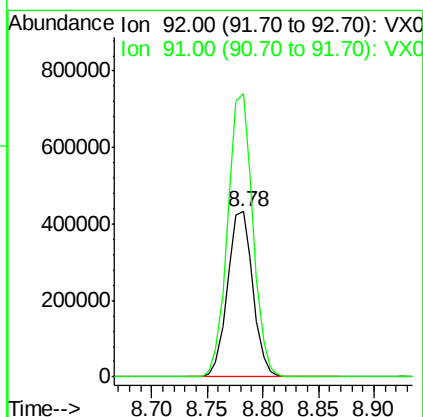
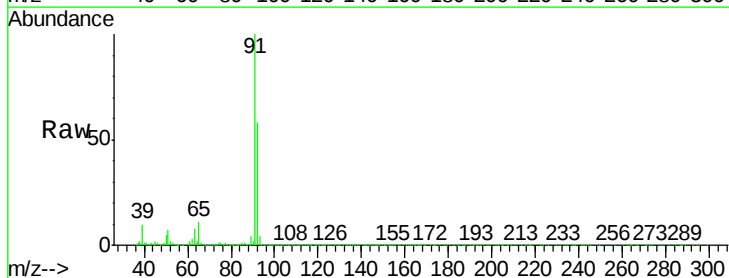
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

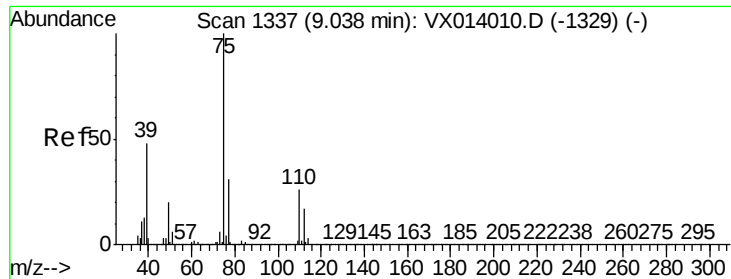
Tgt Ion: 43 Resp: 2084638
 Ion Ratio Lower Upper
 43 100
 58 40.1 32.2 48.2



#52
 Toluene
 Concen: 51.083 ug/l
 RT: 8.78 min Scan# 1295
 Delta R.T. 0.00 min
 Lab File: VX014286.D
 Acq: 26 Dec 2019 21:47

Tgt Ion: 92 Resp: 677441
 Ion Ratio Lower Upper
 92 100
 91 171.0 136.2 204.4





#53

t-1,3-Dichloropropene

Concen: 52.988 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

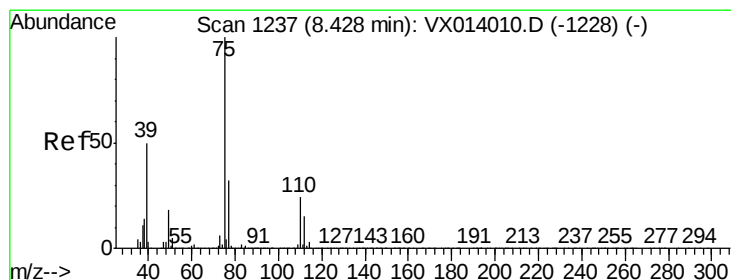
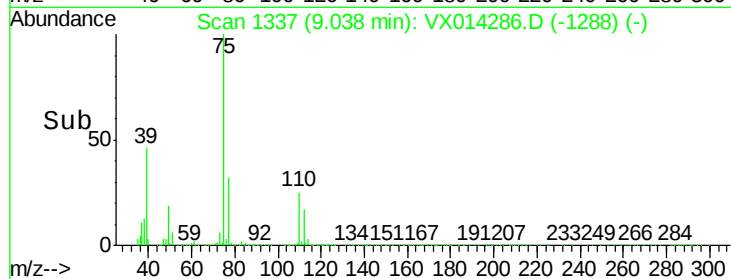
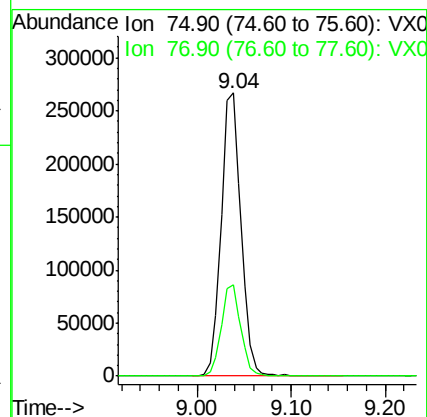
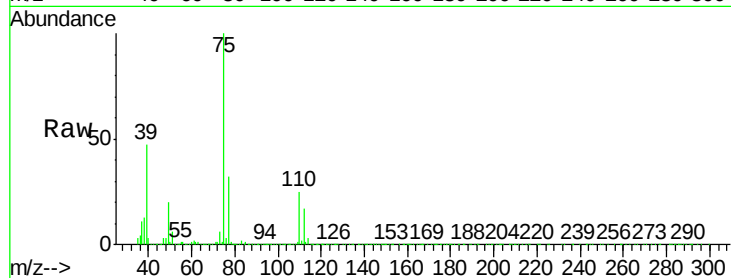
VSTDCCC050EC

Tgt Ion: 75 Resp: 389061

Ion Ratio Lower Upper

75 100

77 32.3 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 52.552 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

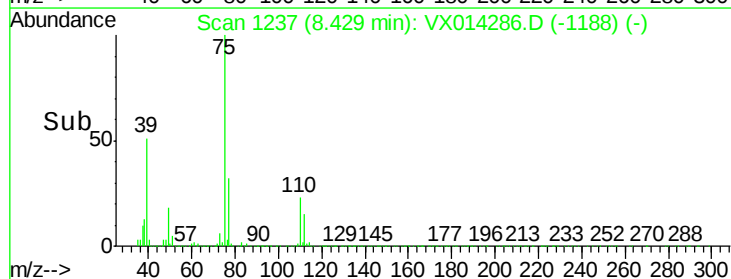
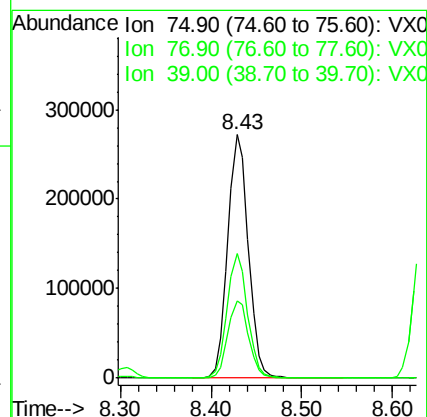
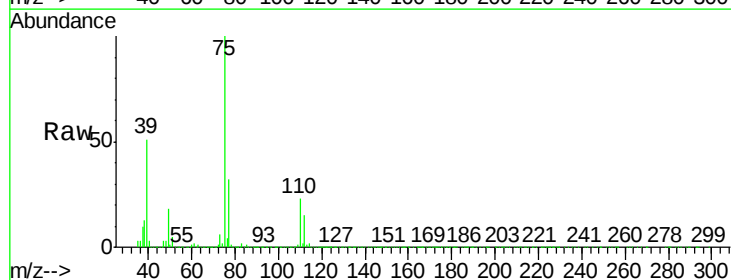
Tgt Ion: 75 Resp: 429873

Ion Ratio Lower Upper

75 100

77 31.8 25.3 37.9

39 50.8 39.9 59.9

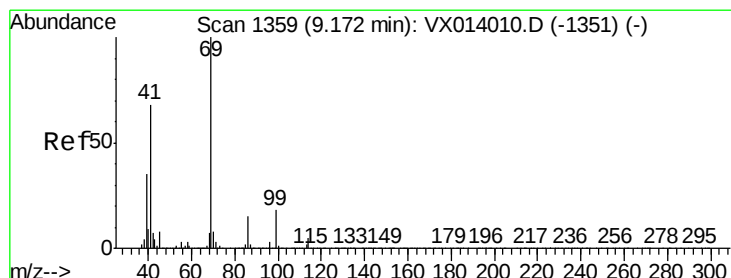
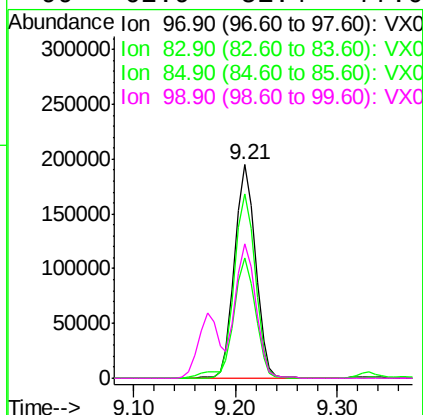
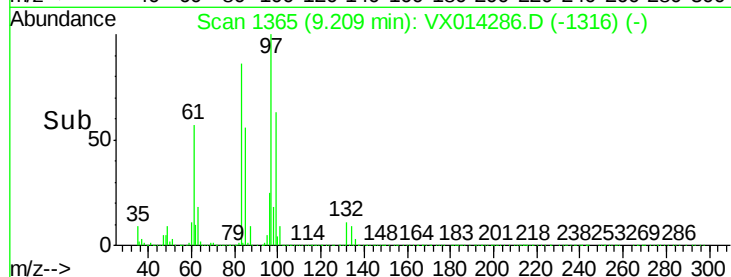
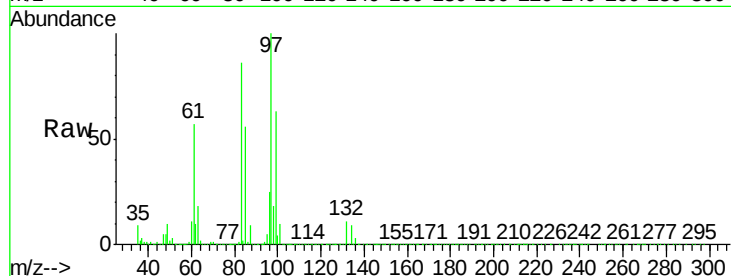




#55
 1,1,2-Trichloroethane
 Concen: 52.095 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014286.D
 Acq: 26 Dec 2019 21:47

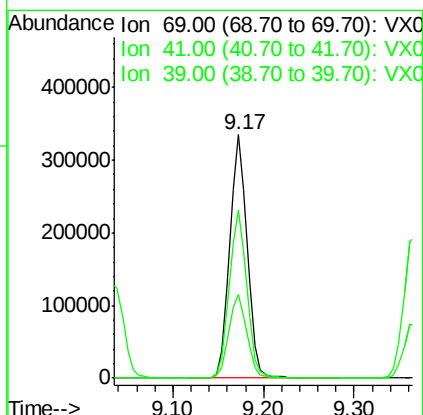
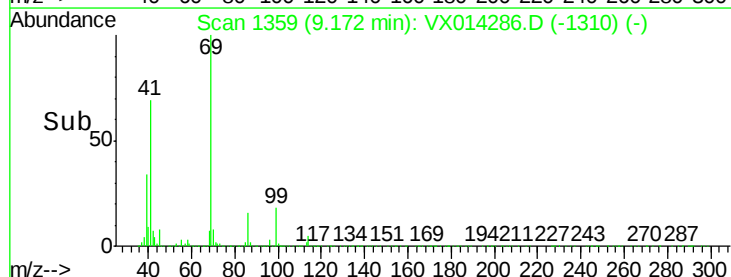
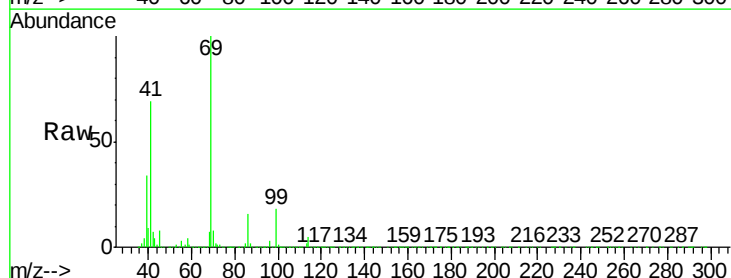
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

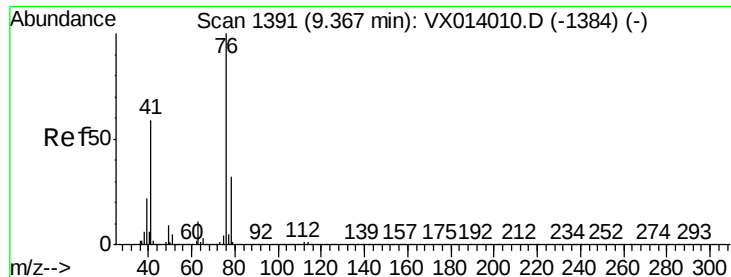
Tgt Ion:	97	Resp:	276894
Ion	Ratio	Lower	Upper
97	100		
83	86.4	68.2	102.4
85	56.0	44.6	66.8
99	62.9	51.4	77.0



#56
 Ethyl methacrylate
 Concen: 53.684 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014286.D
 Acq: 26 Dec 2019 21:47

Tgt Ion:	69	Resp:	448223
Ion	Ratio	Lower	Upper
69	100		
41	68.9	54.8	82.2
39	35.4	28.3	42.5





#57

1,3-Dichloropropane

Concen: 52.778 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

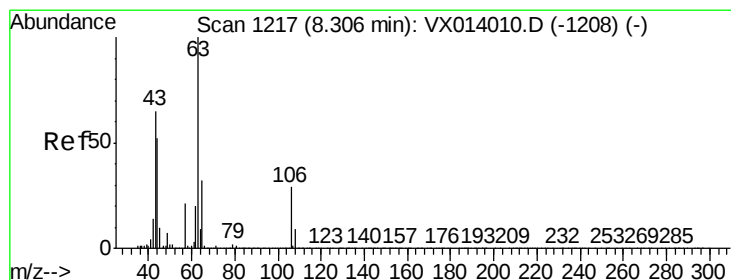
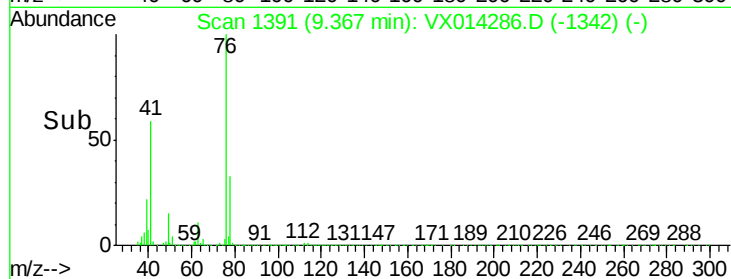
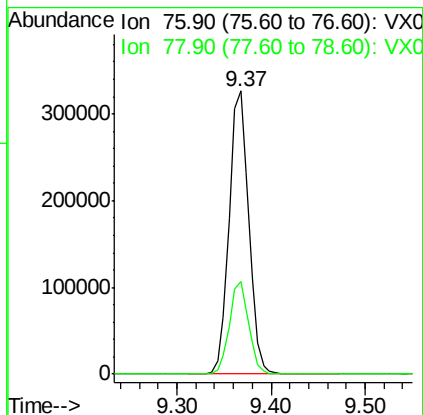
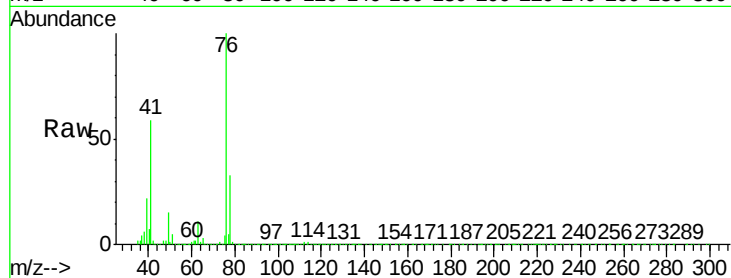
VSTDCCC050EC

Tgt Ion: 76 Resp: 471977

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 266.438 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014286.D

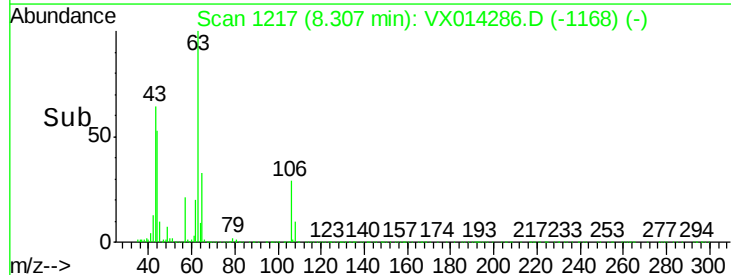
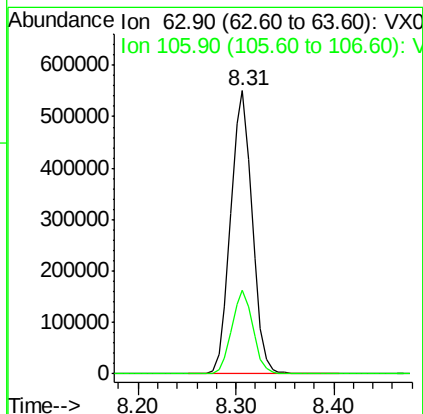
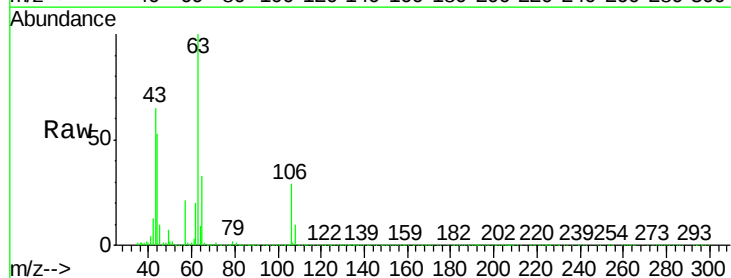
Acq: 26 Dec 2019 21:47

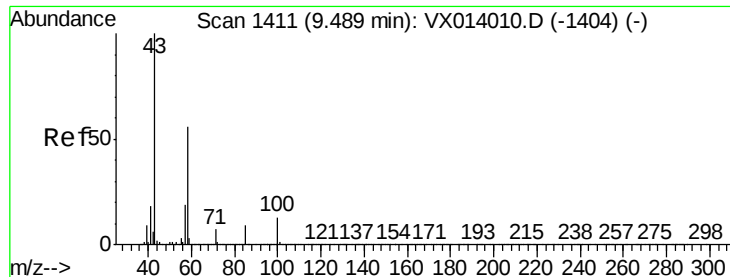
Tgt Ion: 63 Resp: 841850

Ion Ratio Lower Upper

63 100

106 29.0 23.0 34.6

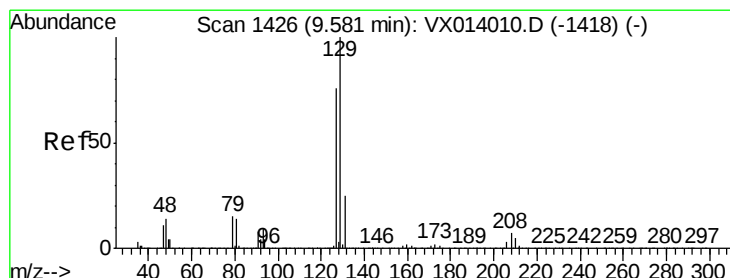
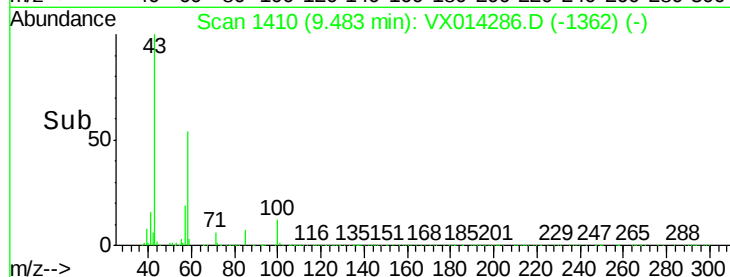
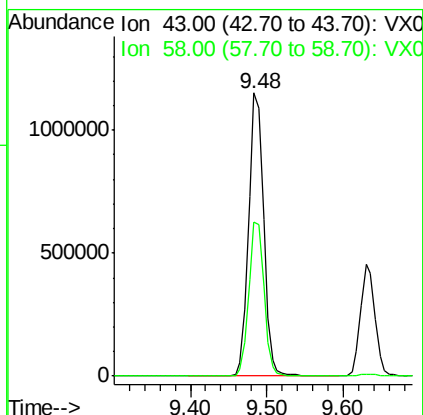
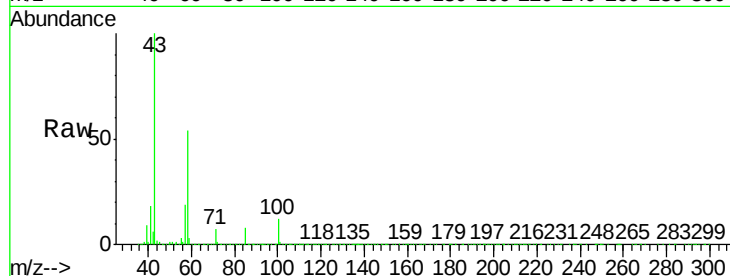




#59
2-Hexanone
Concen: 250.126 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014286.D
Acq: 26 Dec 2019 21:47

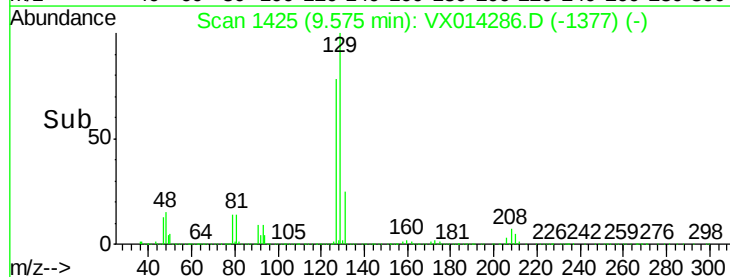
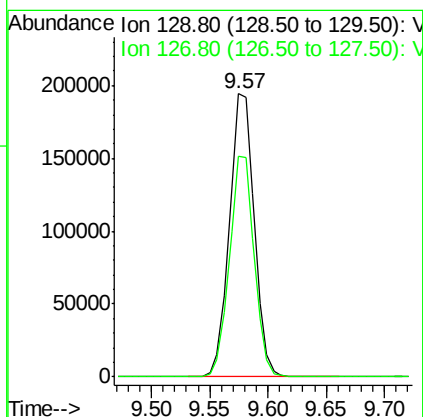
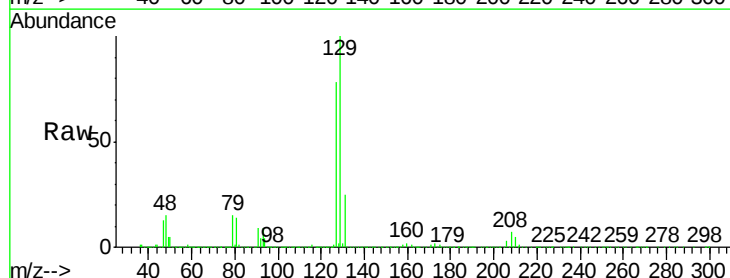
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

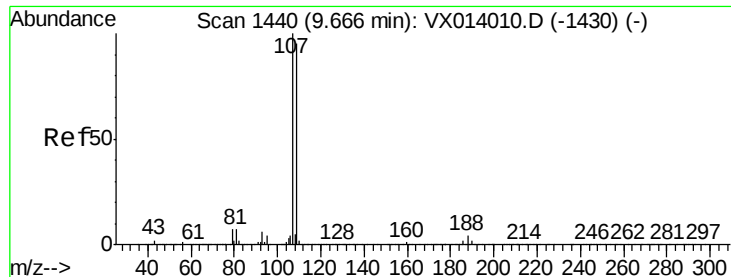
Tgt Ion: 43 Resp: 1575855
Ion Ratio Lower Upper
43 100
58 55.3 28.0 84.0



#60
Dibromochloromethane
Concen: 54.715 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014286.D
Acq: 26 Dec 2019 21:47

Tgt Ion: 129 Resp: 289074
Ion Ratio Lower Upper
129 100
127 77.4 38.4 115.2





#61

1,2-Dibromoethane

Concen: 52.593 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

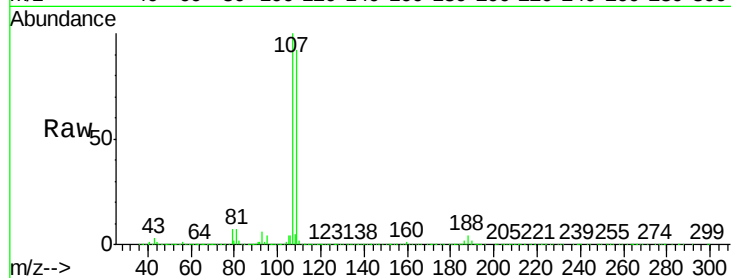
VSTDCCC050EC

Tgt Ion: 107 Resp: 286011

Ion Ratio Lower Upper

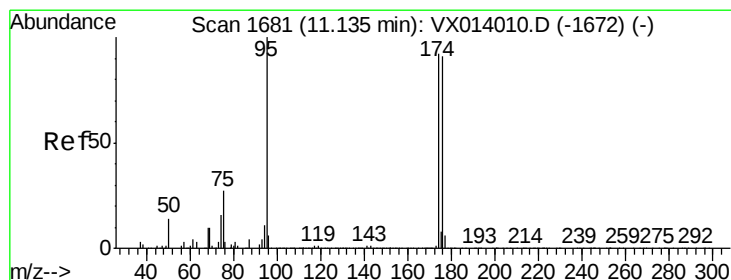
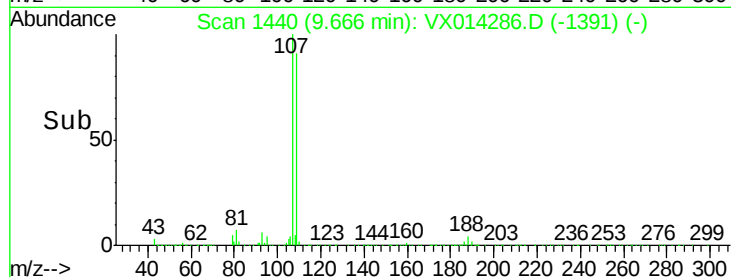
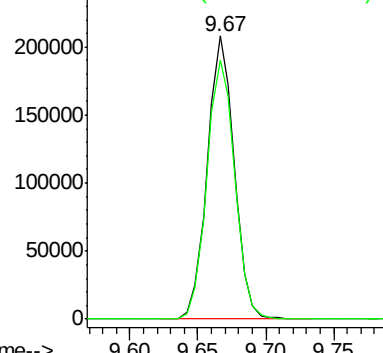
107 100

109 95.0 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.205 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

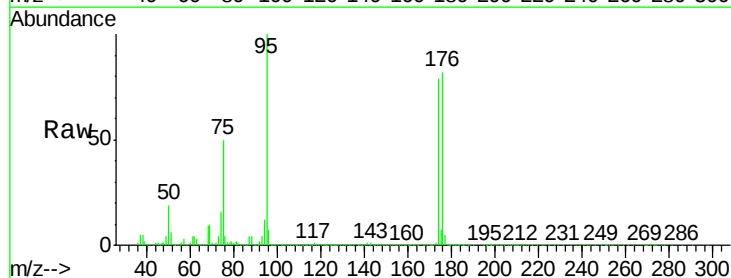
Tgt Ion: 95 Resp: 309930

Ion Ratio Lower Upper

95 100

174 87.7 0.0 175.8

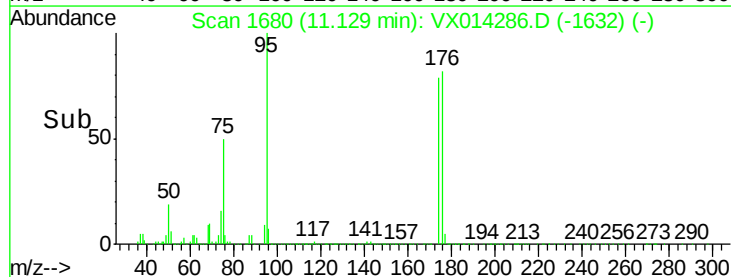
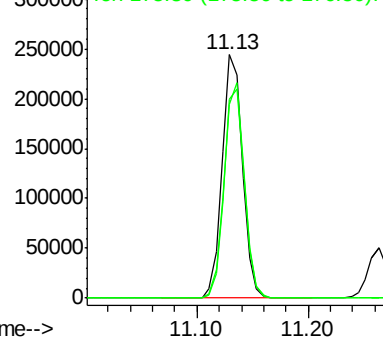
176 86.0 0.0 173.0

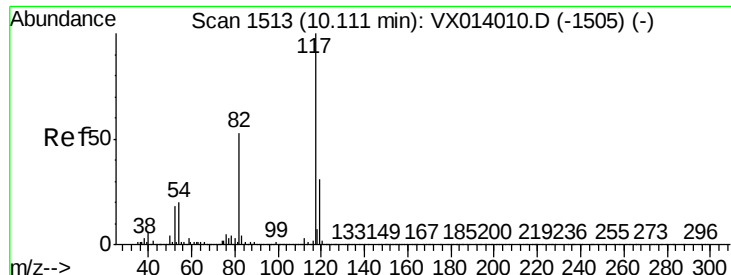


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

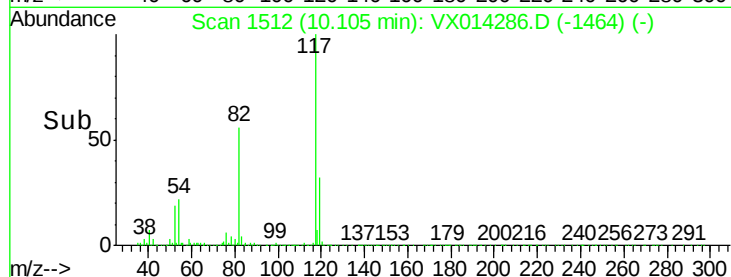
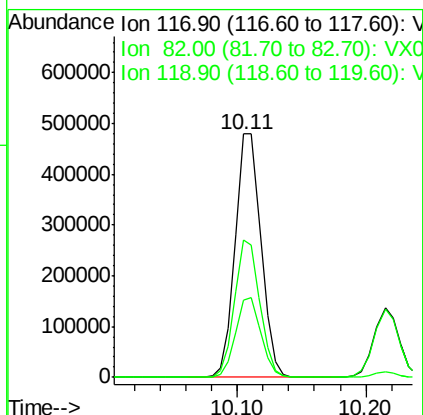
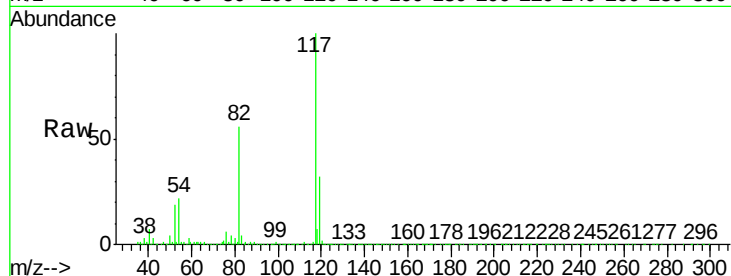




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014286.D
Acq: 26 Dec 2019 21:47

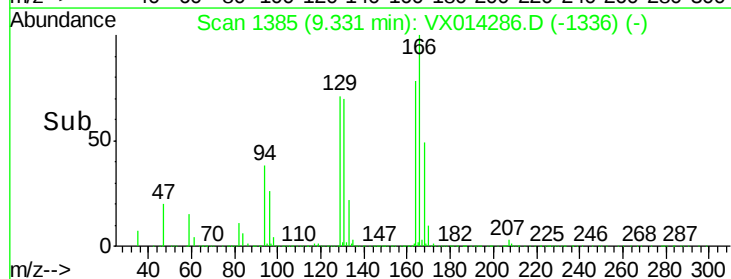
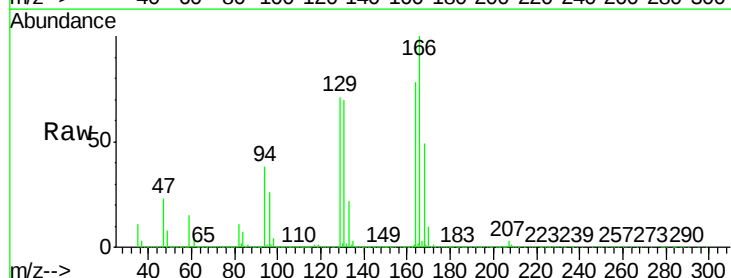
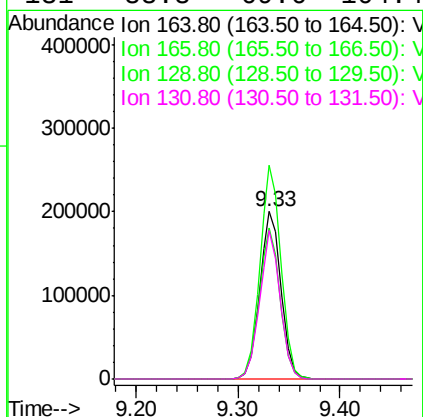
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

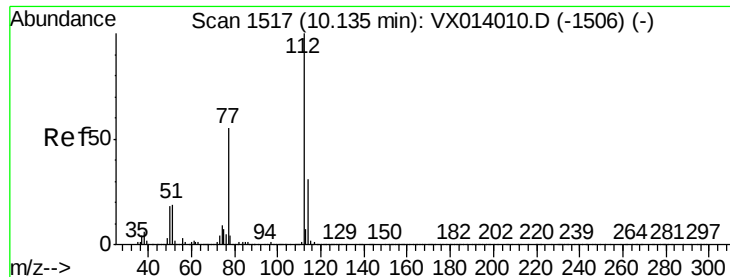
Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.1	42.2	63.4
119	31.7	25.1	37.7



#64
Tetrachloroethene
Concen: 49.180 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014286.D
Acq: 26 Dec 2019 21:47

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.5	104.0	156.0
129	90.1	72.2	108.4
131	88.8	69.6	104.4





#65

Chlorobenzene

Concen: 50.925 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

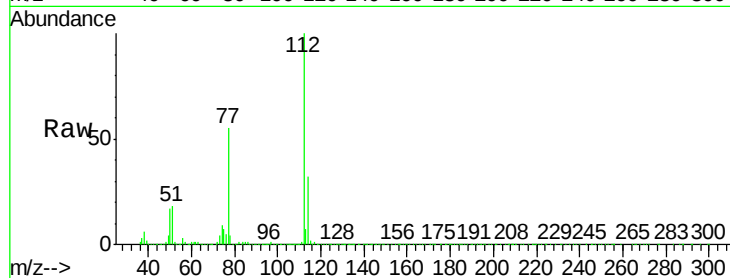
VSTDCCC050EC

Tgt Ion:112 Resp: 727303

Ion Ratio Lower Upper

112 100

114 31.8 24.9 37.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

600000

500000

400000

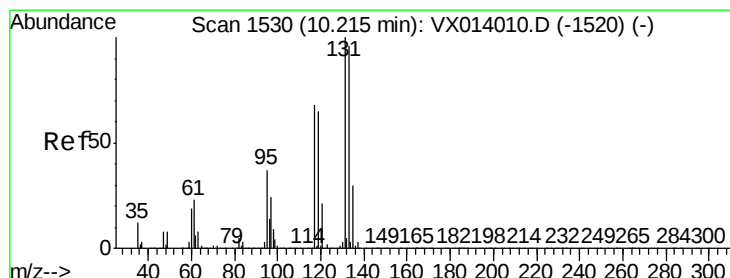
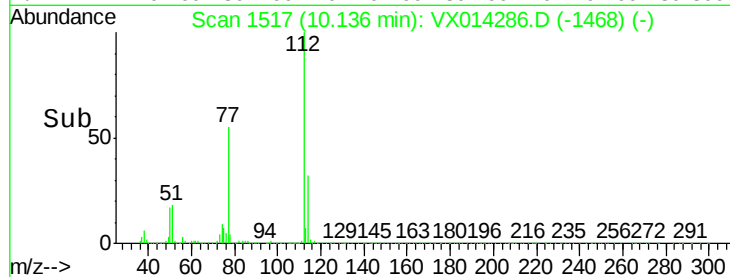
300000

200000

100000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 52.380 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

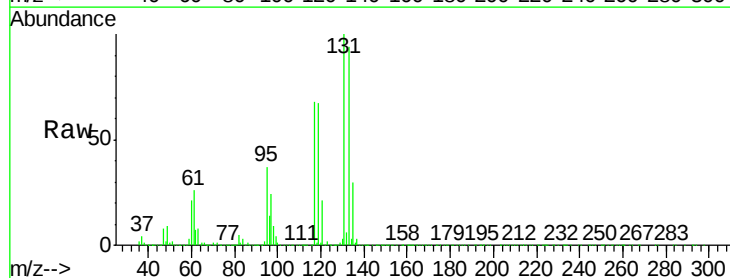
Tgt Ion:131 Resp: 267109

Ion Ratio Lower Upper

131 100

133 95.9 48.0 144.0

119 66.8 33.4 100.2



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

250000

200000

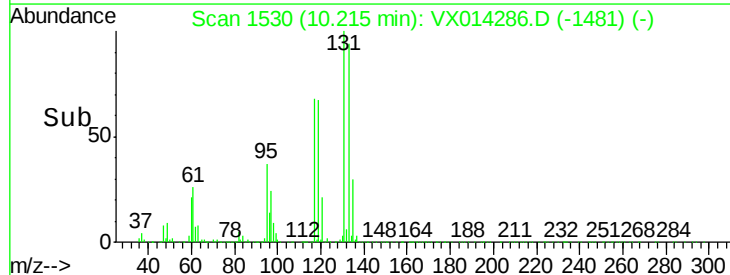
150000

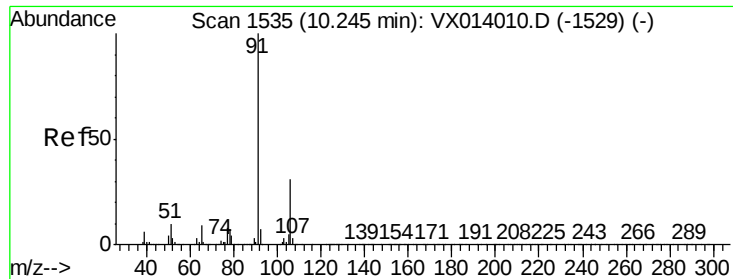
100000

50000

0

Time-->

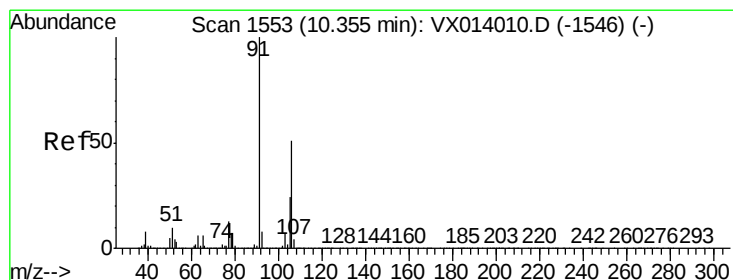
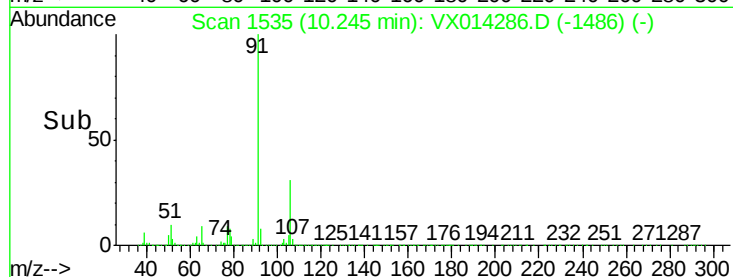
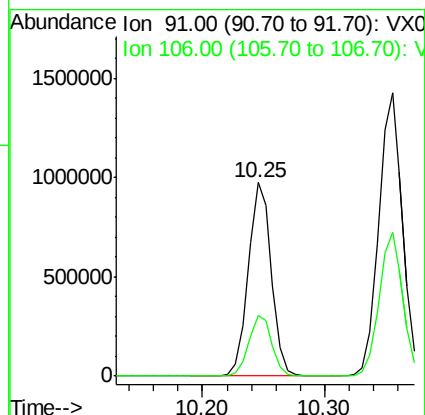
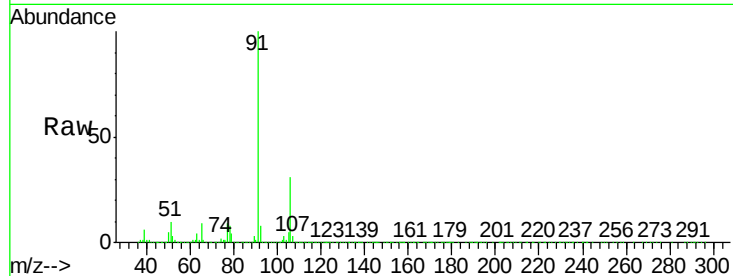




#67
Ethyl Benzene
Concen: 51.668 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014286.D
Acq: 26 Dec 2019 21:47

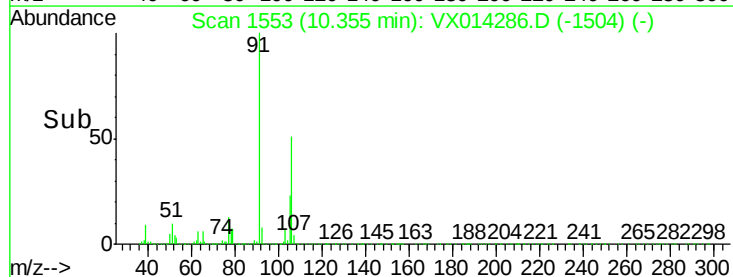
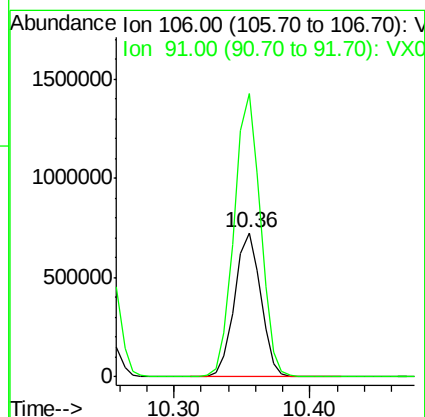
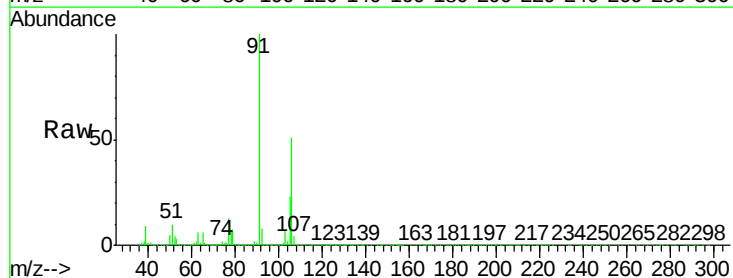
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1268668
Ion Ratio Lower Upper
91 100
106 31.1 25.0 37.6



#68
m/p-Xylenes
Concen: 102.855 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014286.D
Acq: 26 Dec 2019 21:47

Tgt Ion: 106 Resp: 971344
Ion Ratio Lower Upper
106 100
91 197.5 158.6 238.0

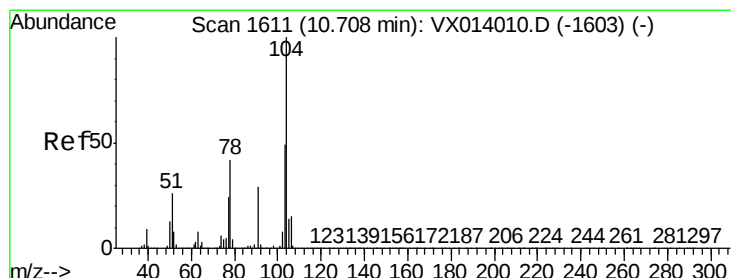
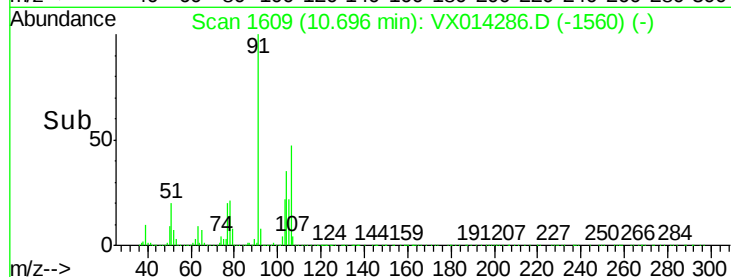
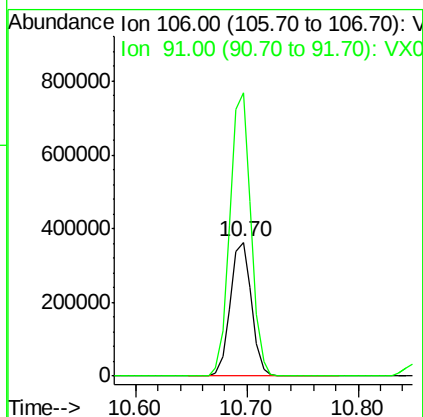
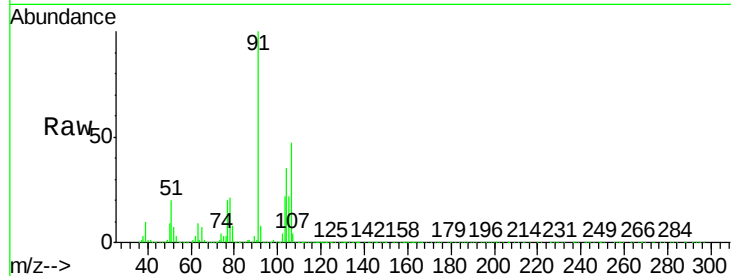




#69
o-Xylene
Concen: 51.280 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014286.D
Acq: 26 Dec 2019 21:47

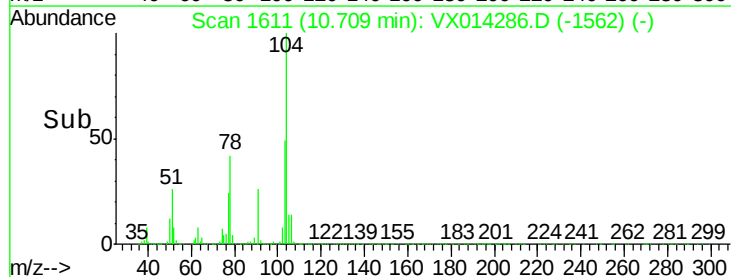
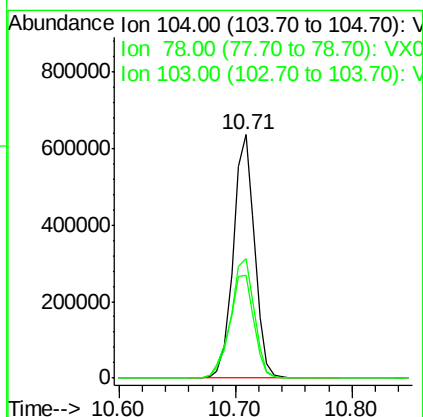
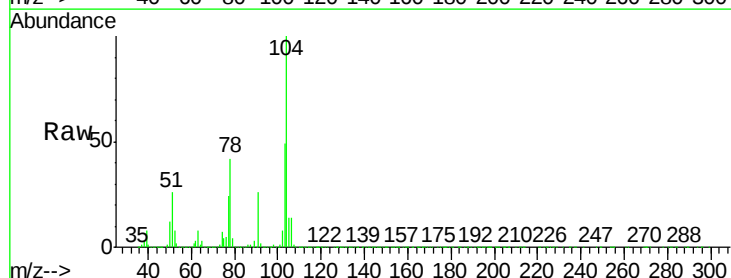
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

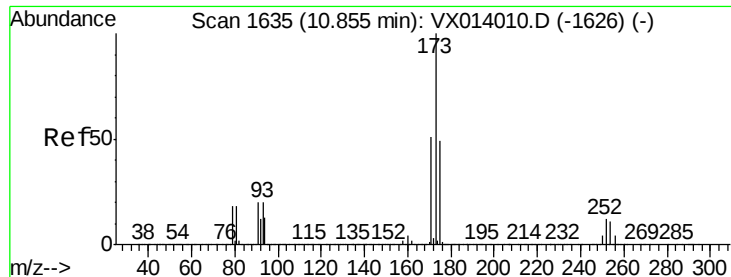
Tgt Ion:106 Resp: 474963
Ion Ratio Lower Upper
106 100
91 210.7 104.2 312.6



#70
Styrene
Concen: 51.375 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014286.D
Acq: 26 Dec 2019 21:47

Tgt Ion:104 Resp: 804639
Ion Ratio Lower Upper
104 100
78 49.1 38.5 57.7
103 54.6 42.9 64.3





#71

Bromoform

Concen: 53.169 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

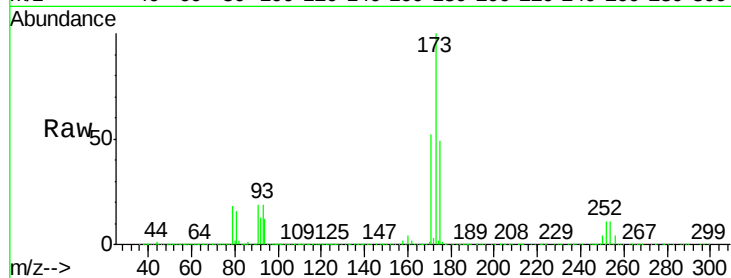
Tgt Ion:173 Resp: 217947

Ion Ratio Lower Upper

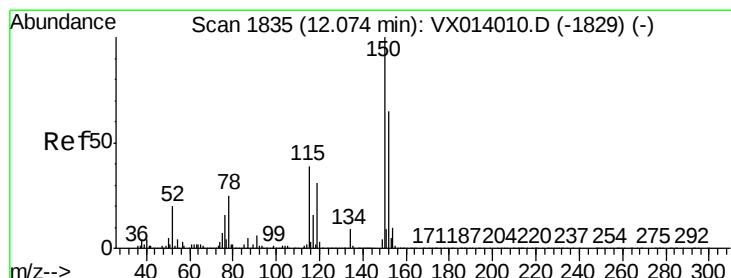
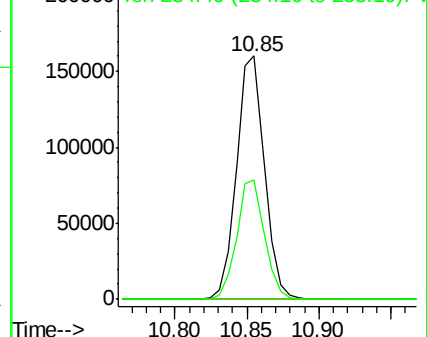
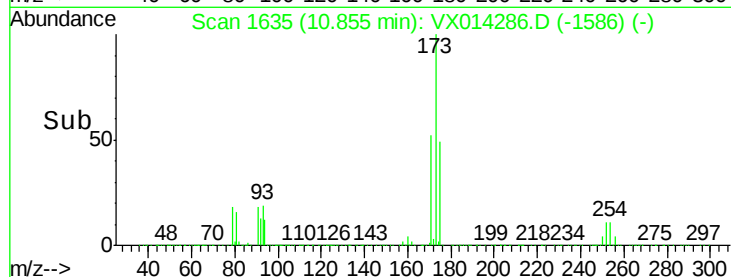
173 100

175 48.9 24.4 73.4

254 0.1 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: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

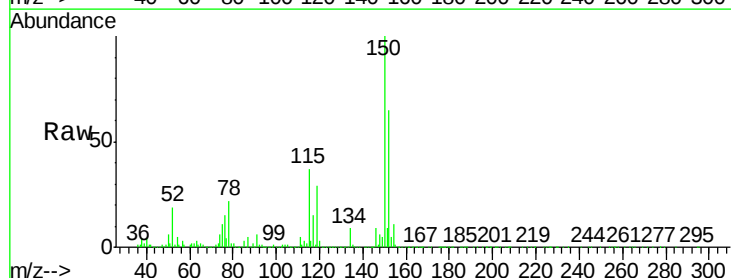
Tgt Ion:152 Resp: 334843

Ion Ratio Lower Upper

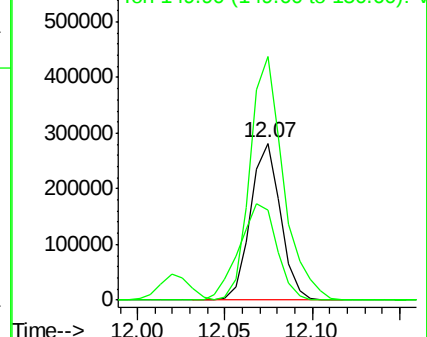
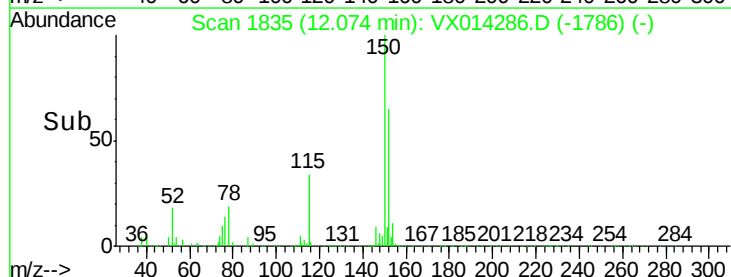
152 100

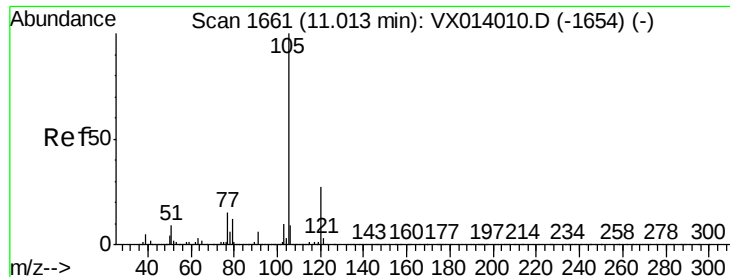
115 77.8 38.3 114.9

150 173.0 0.0 345.4



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: 53.287 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

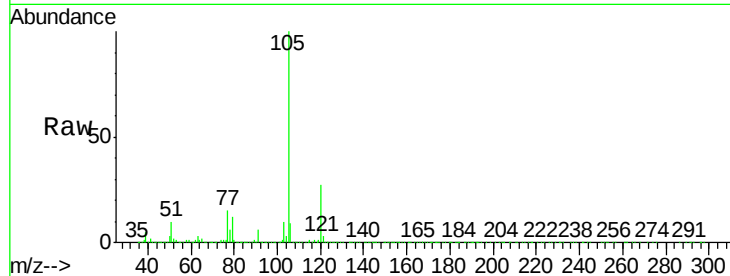
VSTDCCC050EC

Tgt Ion: 105 Resp: 1256265

Ion Ratio Lower Upper

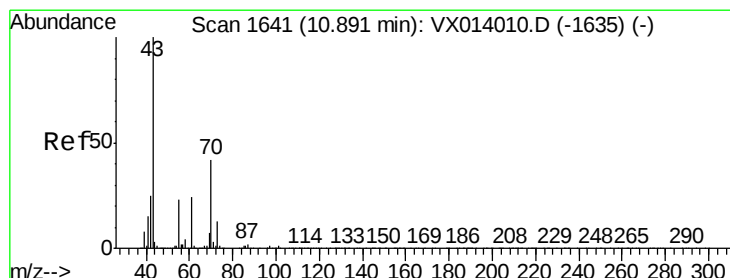
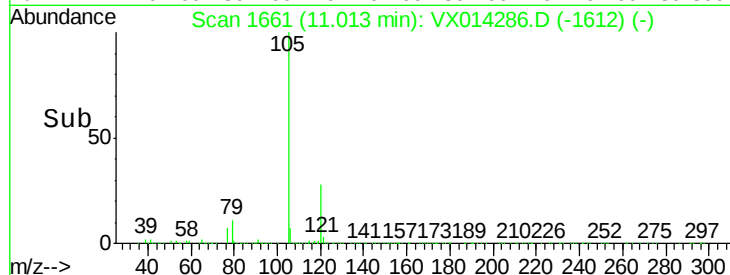
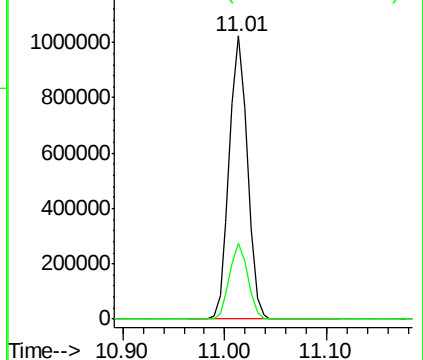
105 100

120 26.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.044 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

Tgt Ion: 43 Resp: 575128

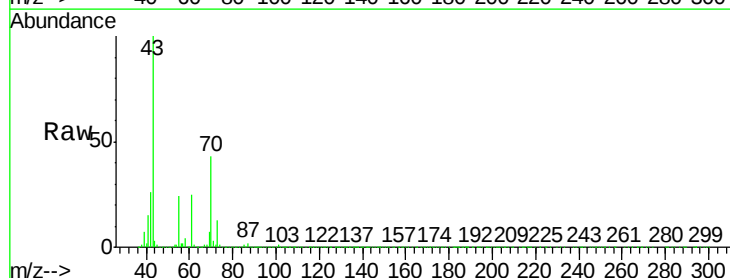
Ion Ratio Lower Upper

43 100

70 43.7 34.4 51.6

55 24.4 19.1 28.7

61 24.6 19.7 29.5

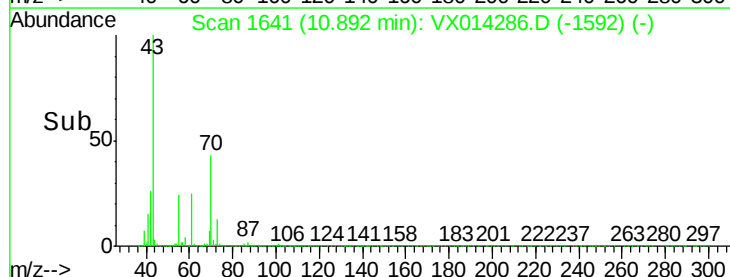
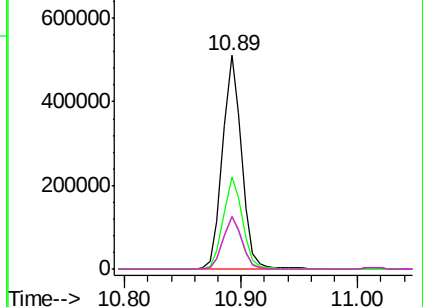


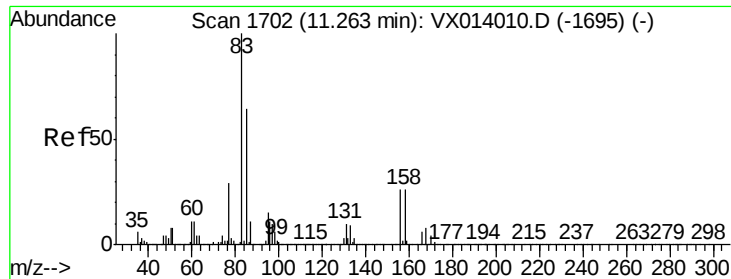
Abundance Ion 43.00 (42.70 to 43.70): VX0

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

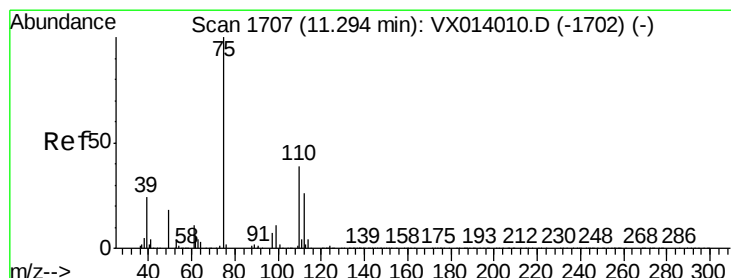
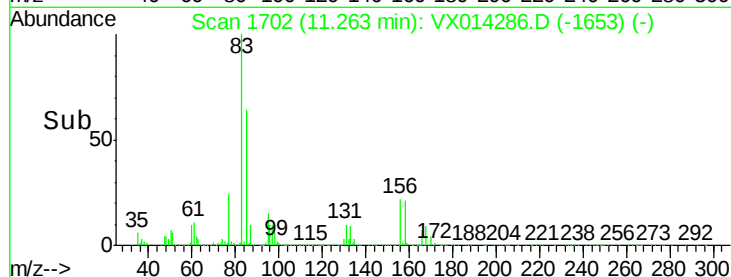
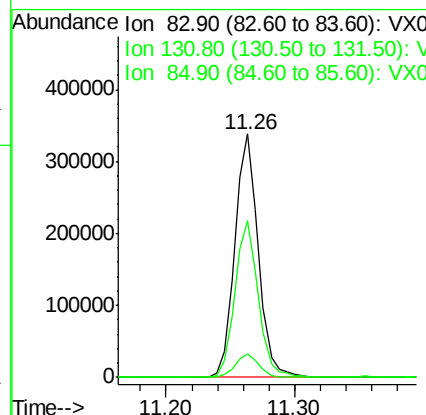
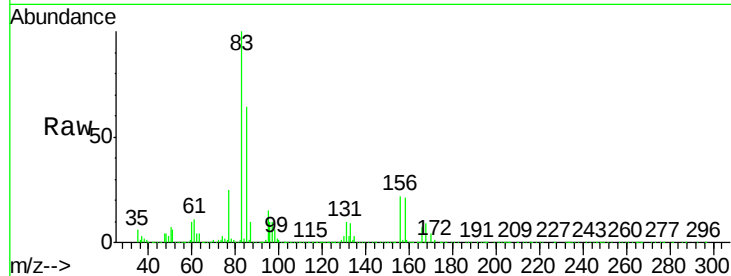




#75
 1,1,2,2-Tetrachloroethane
 Concen: 52.670 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: VX014286.D
 Acq: 26 Dec 2019 21:47

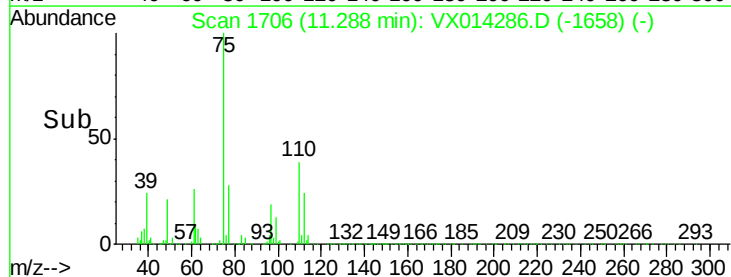
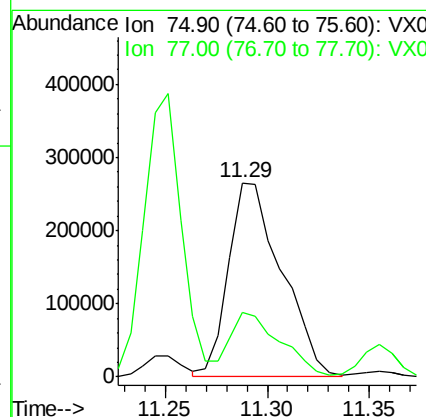
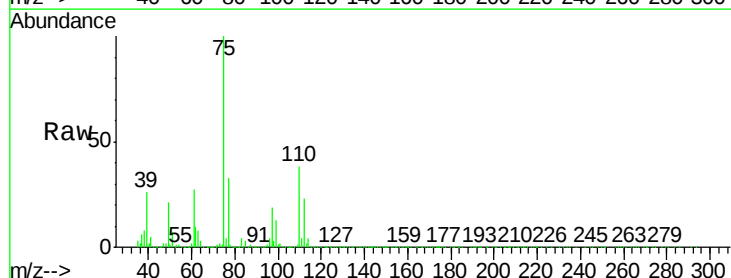
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 83 Resp: 430494
 Ion Ratio Lower Upper
 83 100
 131 9.7 5.1 15.2
 85 64.1 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 65.844 ug/l
 RT: 11.29 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX014286.D
 Acq: 26 Dec 2019 21:47

Tgt Ion: 75 Resp: 478645
 Ion Ratio Lower Upper
 75 100
 77 30.7 19.3 57.8





#77

Bromobenzene

Concen: 49.759 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

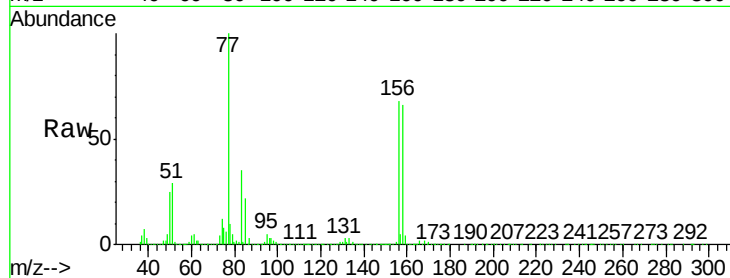
Tgt Ion: 156 Resp: 322759

Ion Ratio Lower Upper

156 100

77 154.2 76.5 229.5

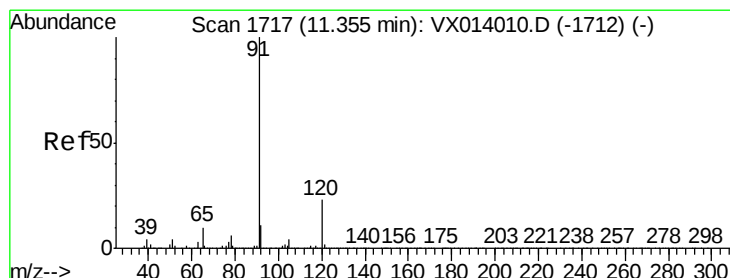
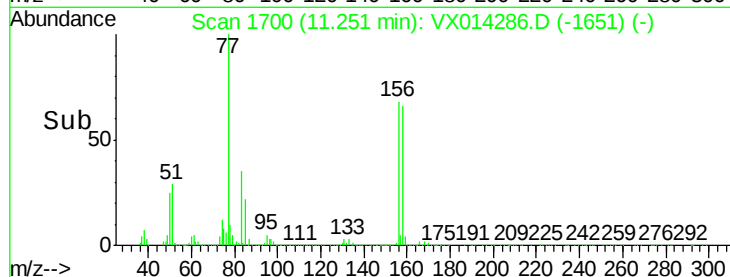
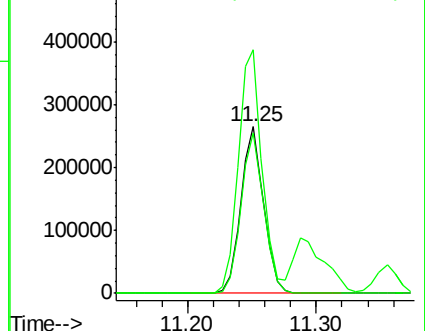
158 96.8 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.007 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014286.D

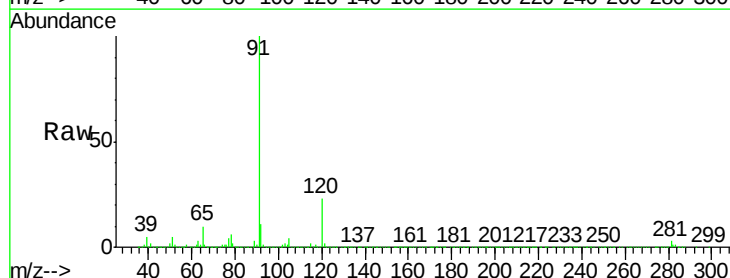
Acq: 26 Dec 2019 21:47

Tgt Ion: 91 Resp: 1401726

Ion Ratio Lower Upper

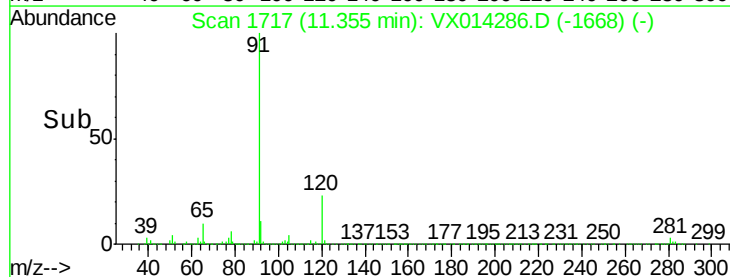
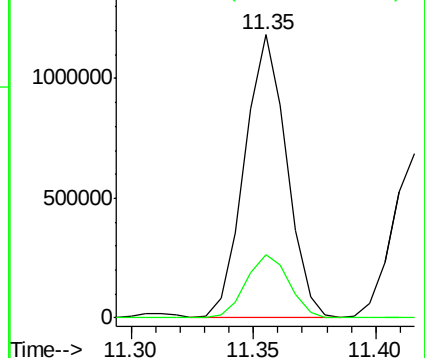
91 100

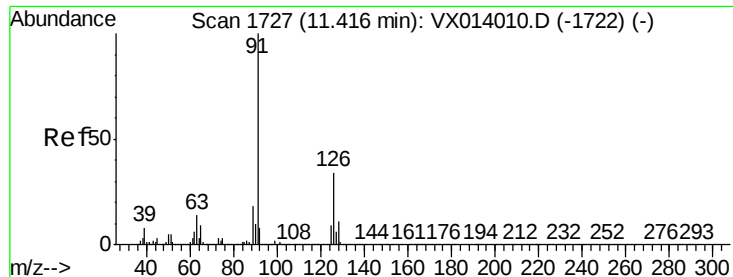
120 23.2 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

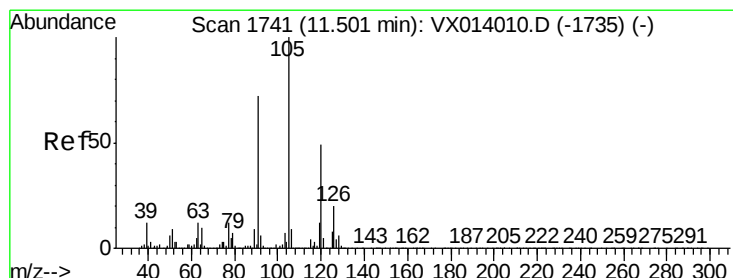
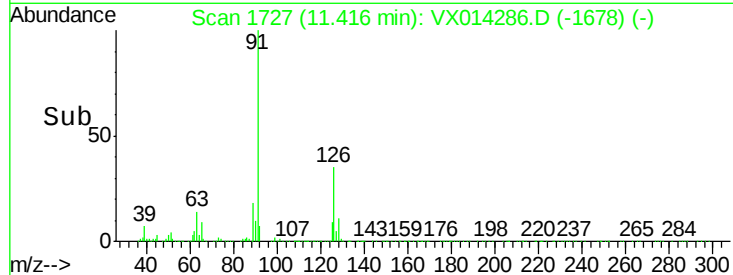
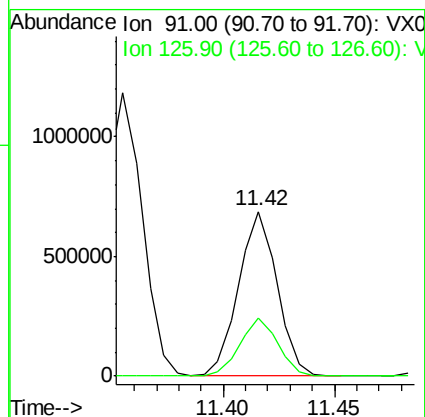
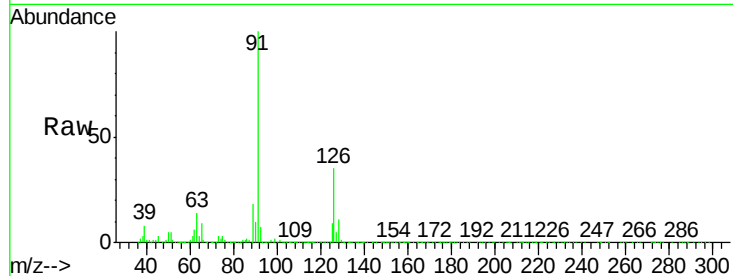




#79
 2-Chlorotoluene
 Concen: 51.793 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014286.D
 Acq: 26 Dec 2019 21:47

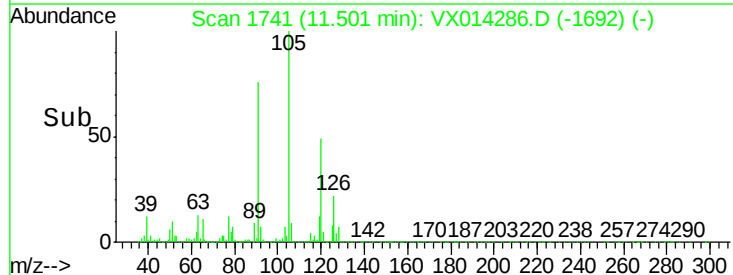
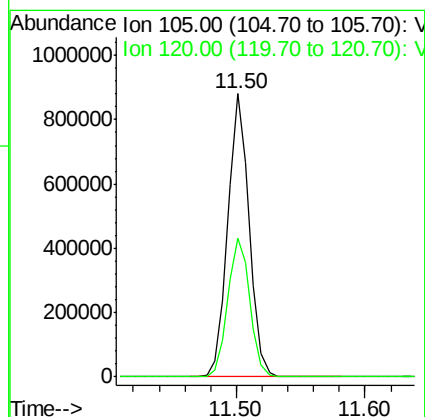
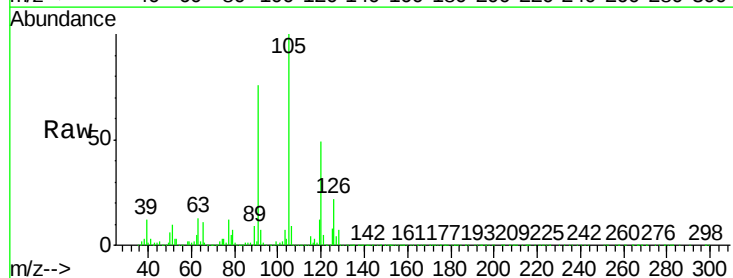
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

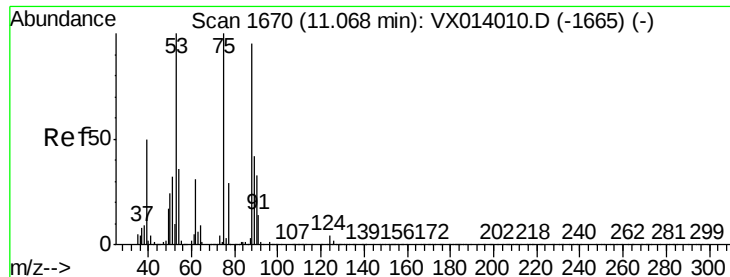
Tgt Ion: 91 Resp: 832559
 Ion Ratio Lower Upper
 91 100
 126 34.5 17.2 51.6



#80
 1,3,5-Trimethylbenzene
 Concen: 51.723 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014286.D
 Acq: 26 Dec 2019 21:47

Tgt Ion: 105 Resp: 1026249
 Ion Ratio Lower Upper
 105 100
 120 50.8 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 51.137 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

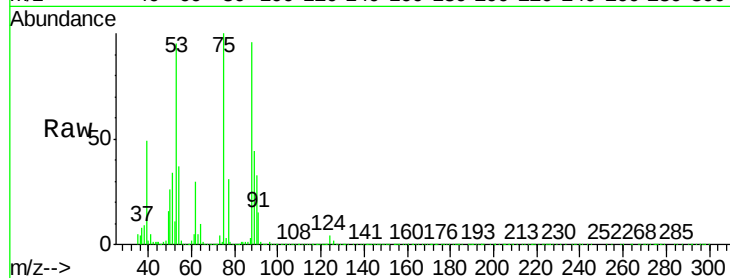
Tgt Ion: 75 Resp: 131703

Ion Ratio Lower Upper

75 100

53 96.9 76.7 115.1

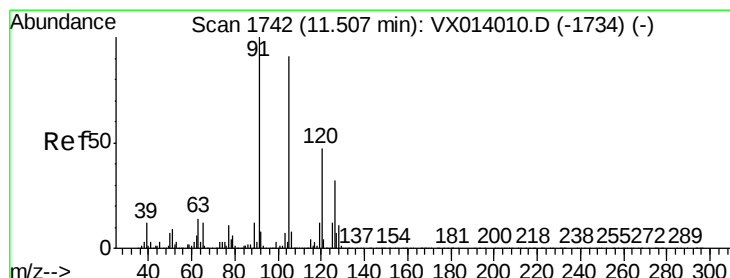
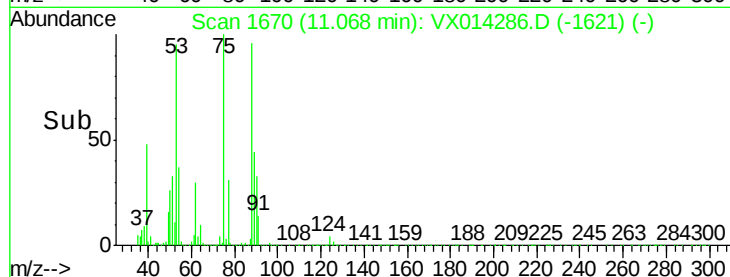
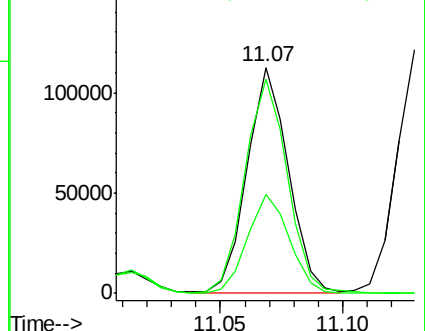
89 44.2 34.6 51.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 50.803 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014286.D

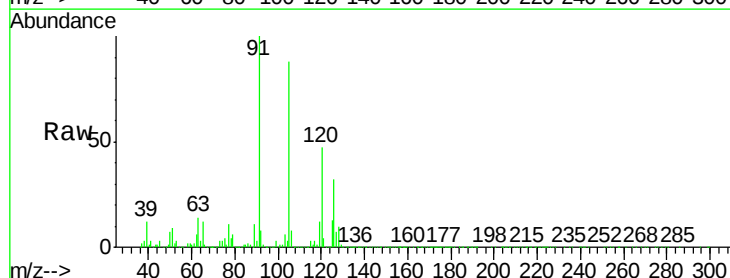
Acq: 26 Dec 2019 21:47

Tgt Ion: 91 Resp: 947281

Ion Ratio Lower Upper

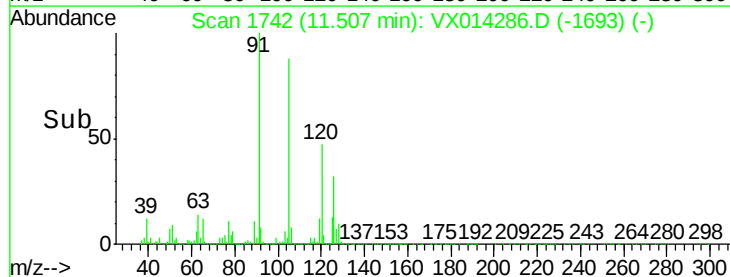
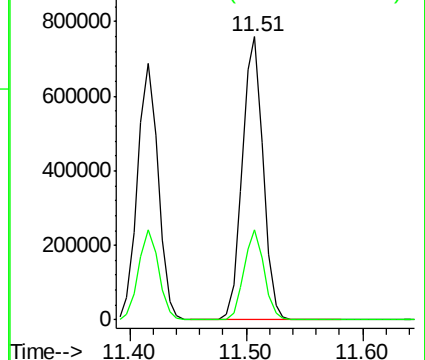
91 100

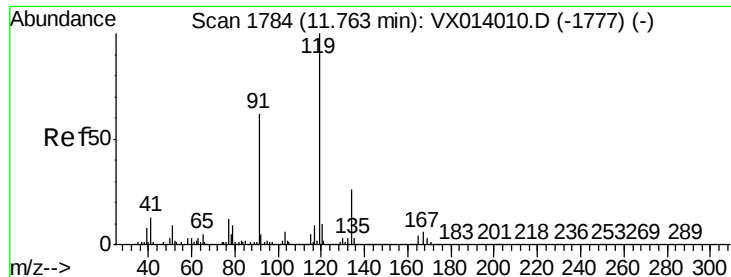
126 30.8 15.6 46.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

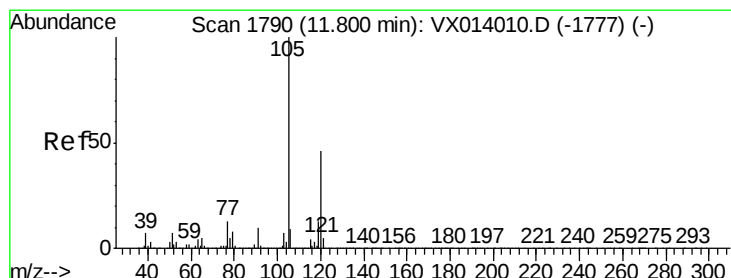
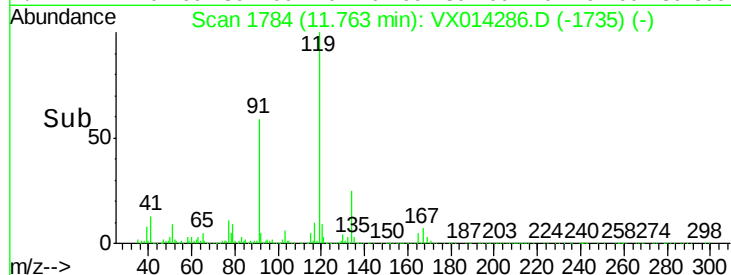
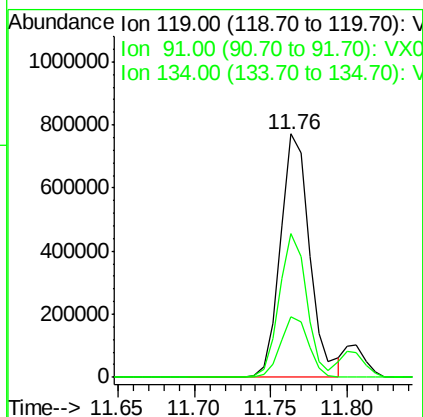
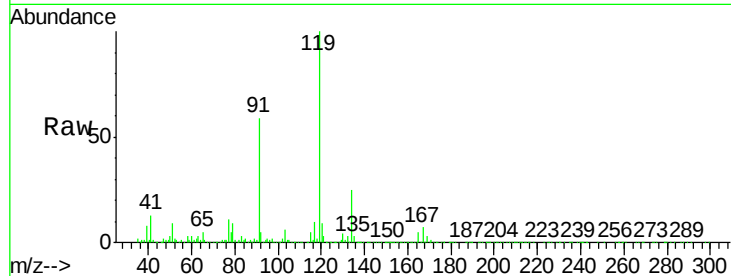




#83
tert-Butylbenzene
Concen: 53.096 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014286.D
Acq: 26 Dec 2019 21:47

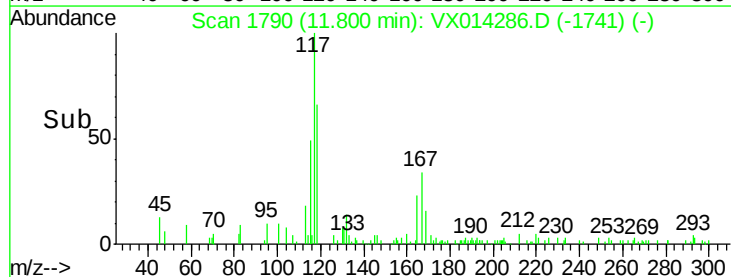
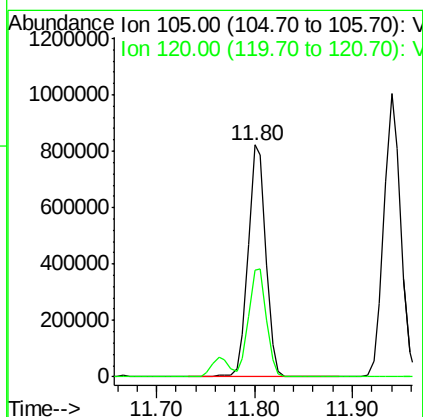
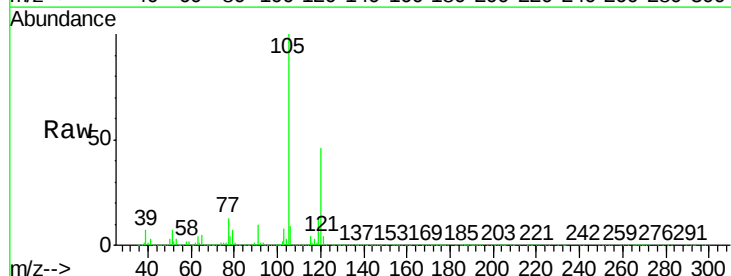
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

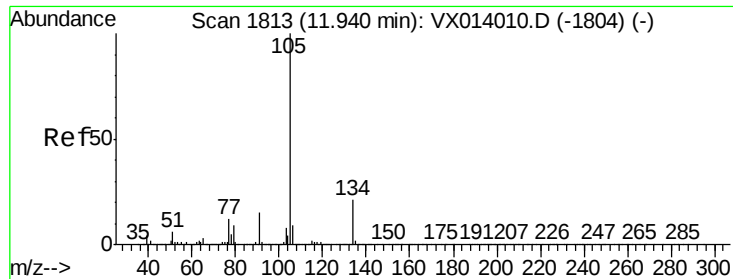
Tgt Ion:119 Resp: 1025228
Ion Ratio Lower Upper
119 100
91 55.5 28.5 85.6
134 24.1 12.2 36.6



#84
1,2,4-Trimethylbenzene
Concen: 51.814 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014286.D
Acq: 26 Dec 2019 21:47

Tgt Ion:105 Resp: 1029539
Ion Ratio Lower Upper
105 100
120 46.7 23.1 69.2

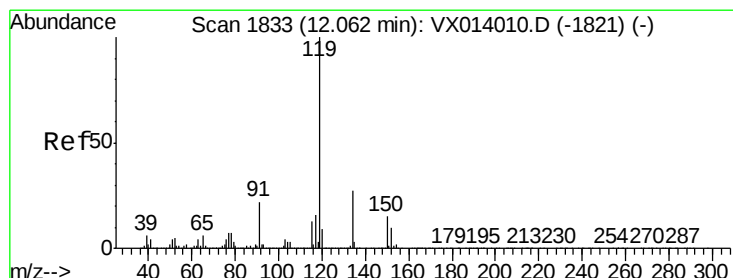
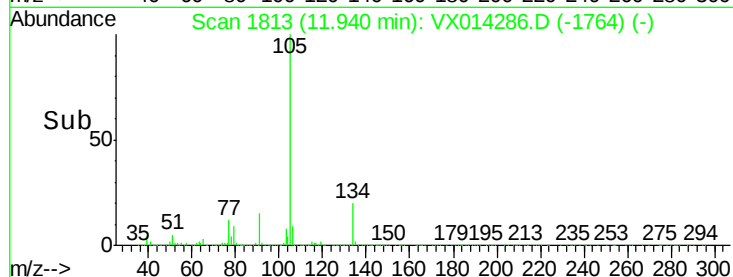
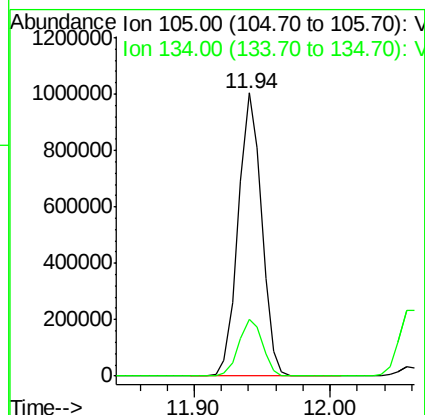
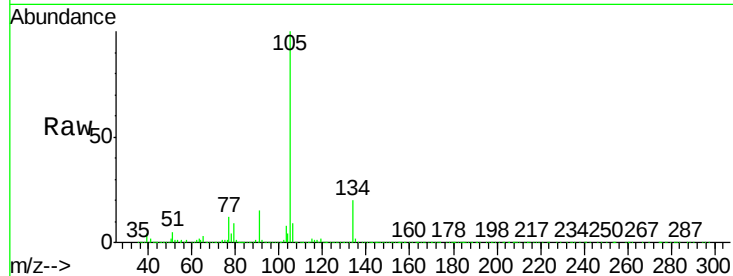




#85
 sec-Butylbenzene
 Concen: 52.631 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014286.D
 Acq: 26 Dec 2019 21:47

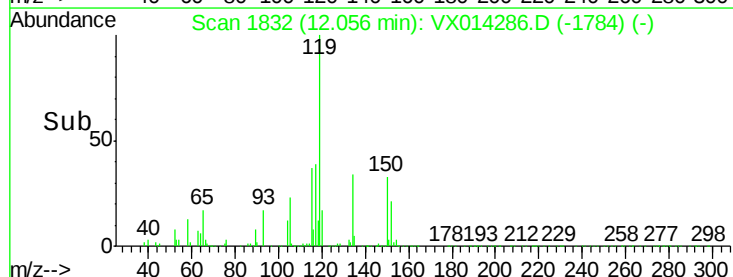
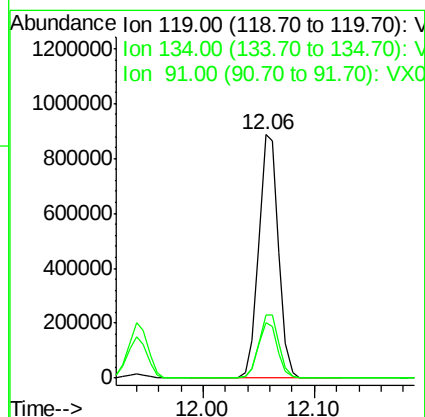
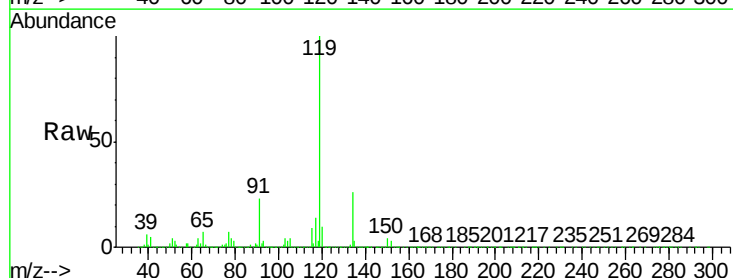
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

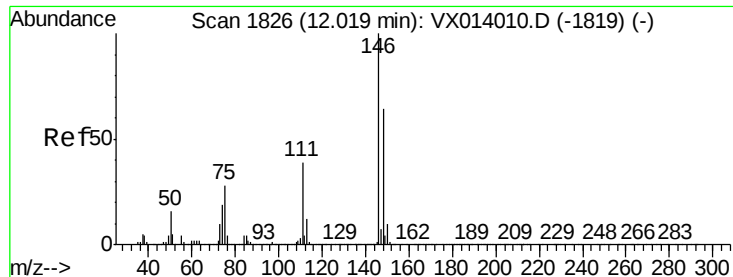
Tgt Ion:105 Resp: 1199710
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 52.503 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX014286.D
 Acq: 26 Dec 2019 21:47

Tgt Ion:119 Resp: 1094737
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.4 40.1
 91 22.4 11.4 34.1

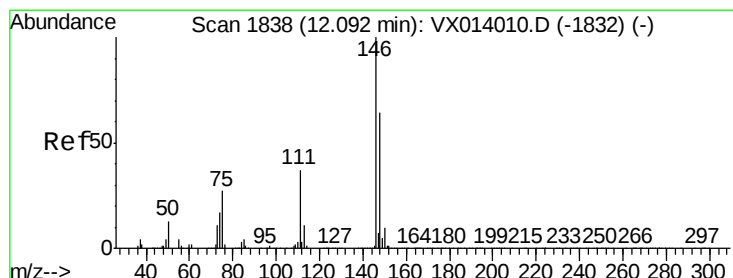
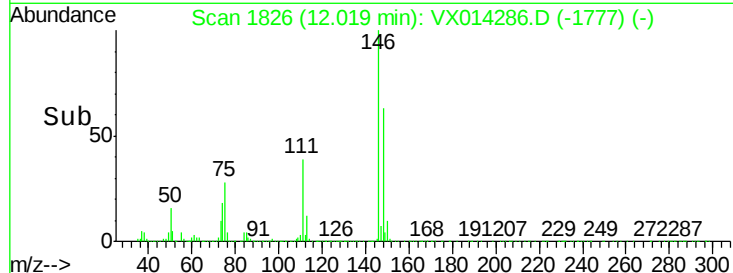
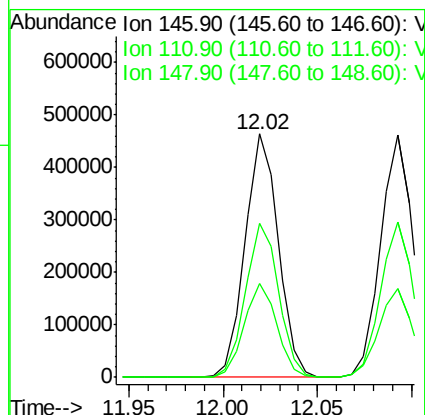
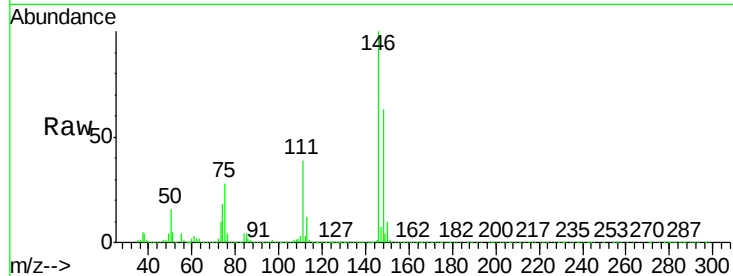




#87
 1,3-Dichlorobenzene
 Concen: 49.878 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014286.D
 Acq: 26 Dec 2019 21:47

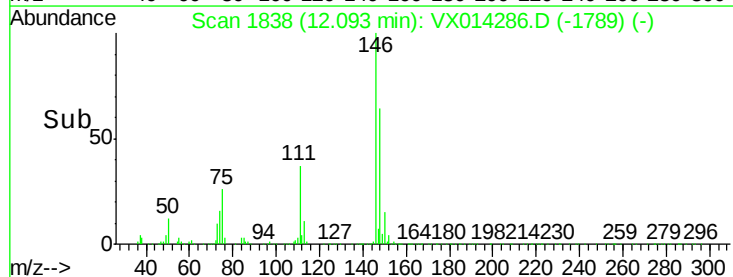
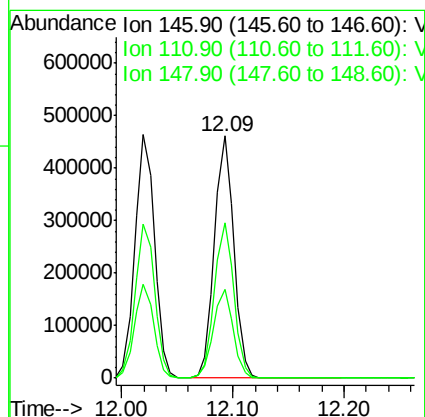
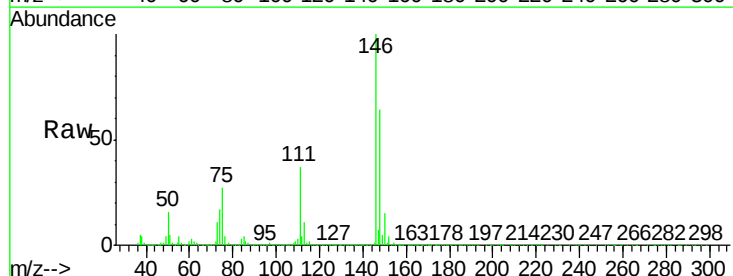
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:146 Resp: 567021
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.1 57.1
 148 63.6 32.3 96.9



#88
 1,4-Dichlorobenzene
 Concen: 48.276 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014286.D
 Acq: 26 Dec 2019 21:47

Tgt Ion:146 Resp: 558039
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.7 56.1
 148 64.4 31.9 95.9

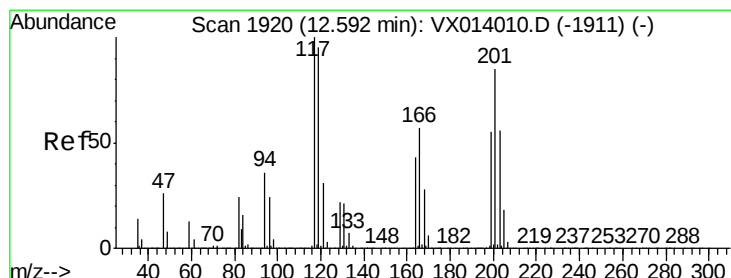
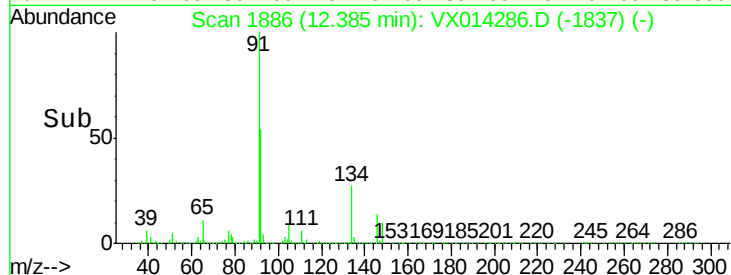
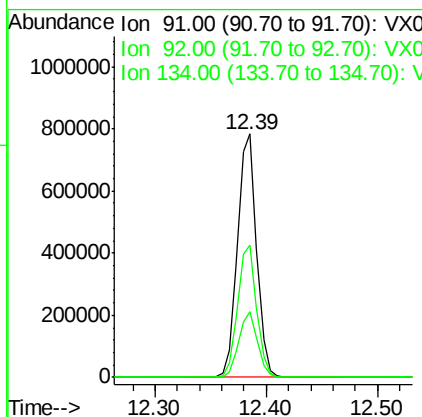
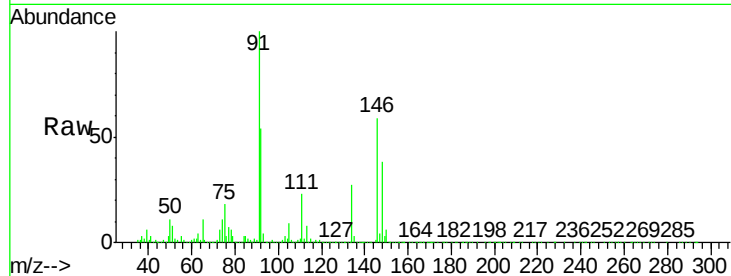




#89
n-Butylbenzene
Concen: 52.072 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014286.D
Acq: 26 Dec 2019 21:47

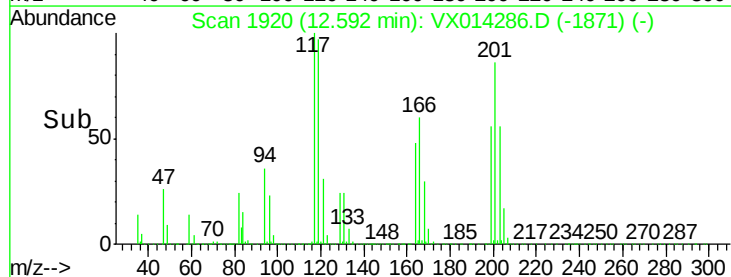
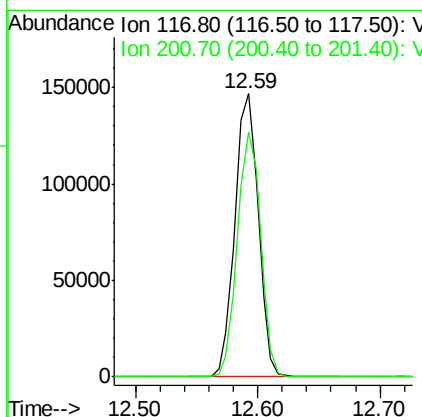
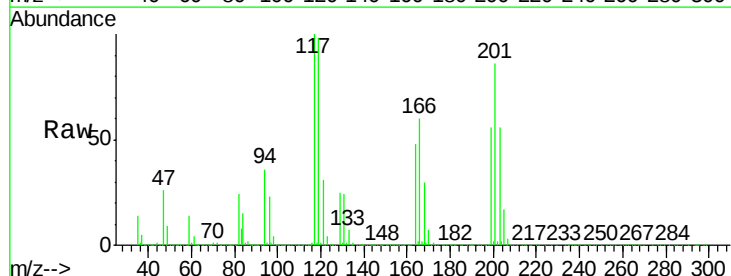
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 926441
Ion Ratio Lower Upper
91 100
92 54.1 27.2 81.6
134 26.5 13.4 40.1



#90
Hexachloroethane
Concen: 51.493 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014286.D
Acq: 26 Dec 2019 21:47

Tgt Ion: 117 Resp: 192852
Ion Ratio Lower Upper
117 100
201 86.6 43.1 129.3





#91

1,2-Dichlorobenzene

Concen: 49.934 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

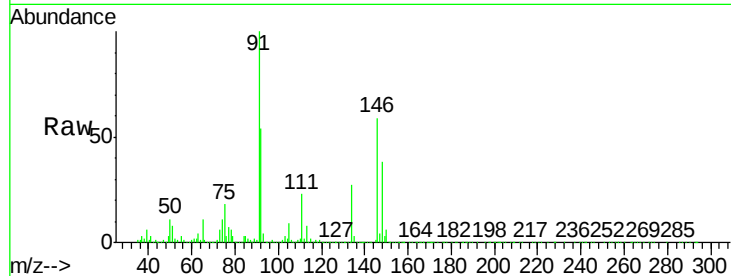
Tgt Ion:146 Resp: 571448

Ion Ratio Lower Upper

146 100

111 39.4 19.7 59.1

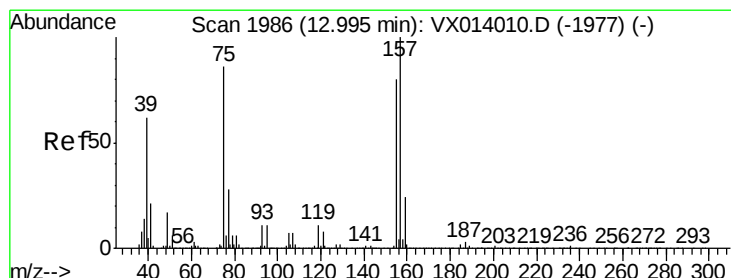
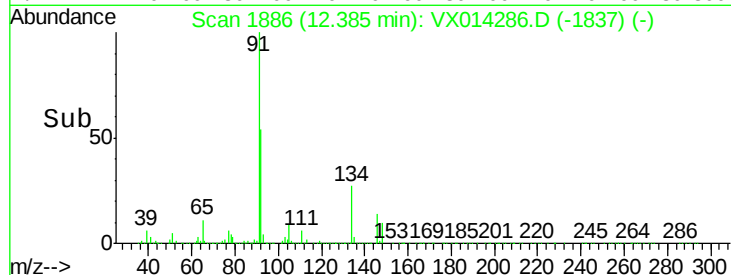
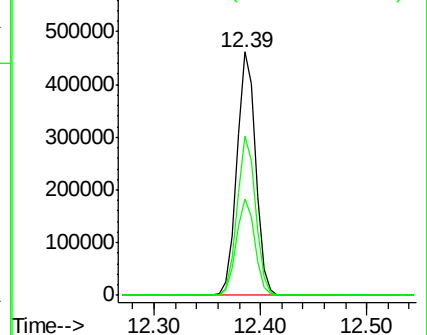
148 64.0 32.1 96.5



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: 48.268 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014286.D

Acq: 26 Dec 2019 21:47

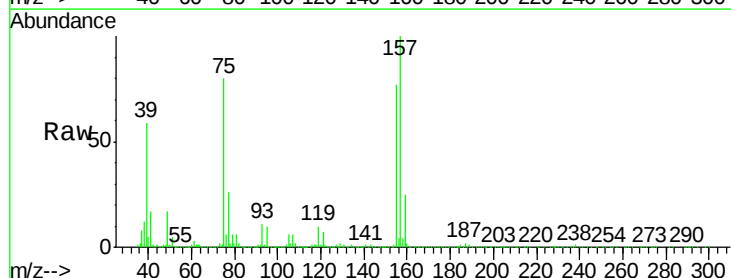
Tgt Ion: 75 Resp: 87303

Ion Ratio Lower Upper

75 100

155 95.2 46.9 140.6

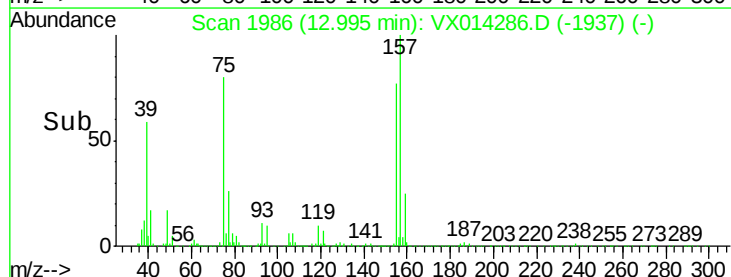
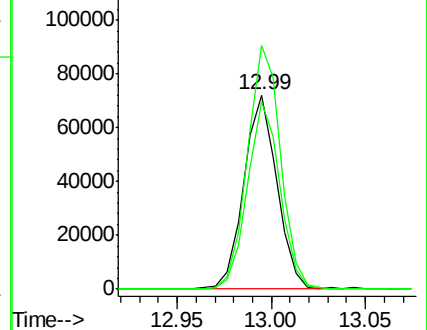
157 126.6 60.8 182.4

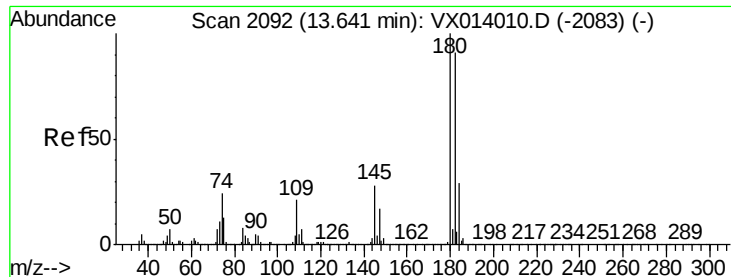


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

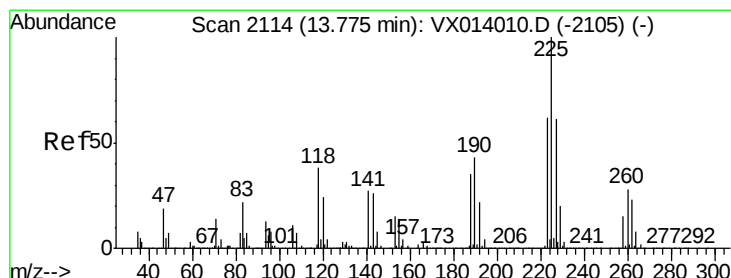
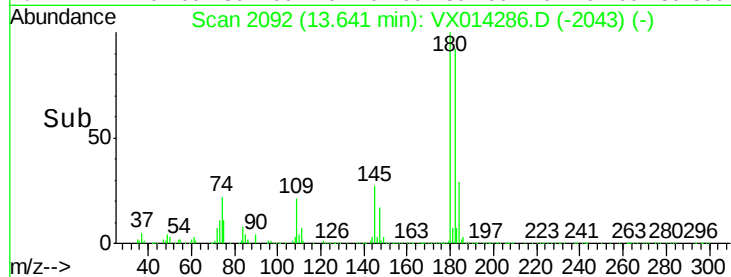
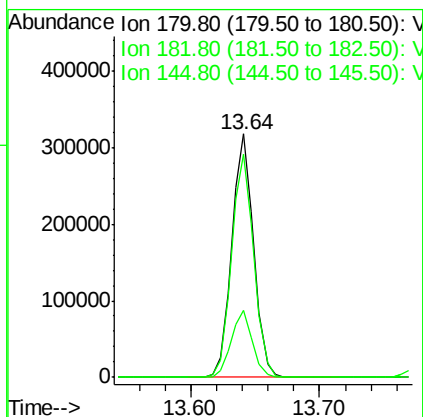
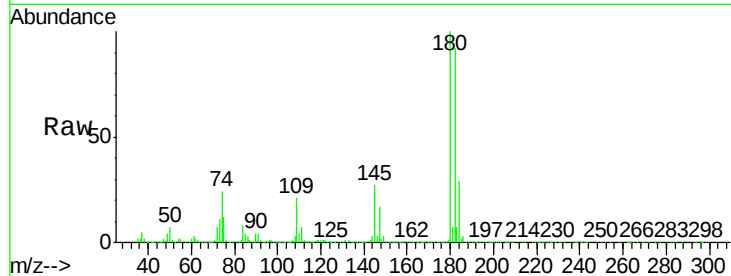




#93
 1,2,4-Trichlorobenzene
 Concen: 50.401 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014286.D
 Acq: 26 Dec 2019 21:47

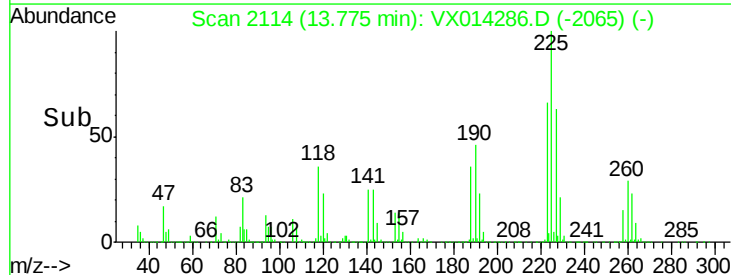
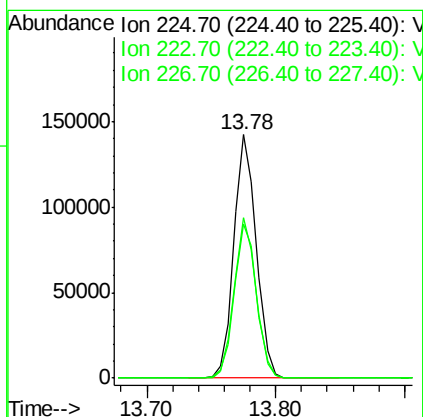
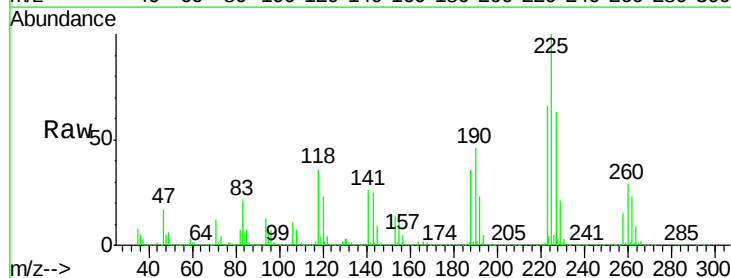
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

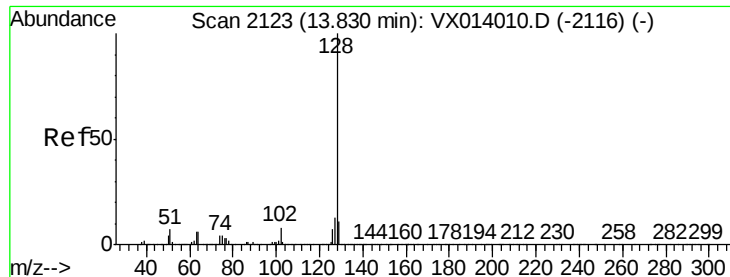
Tgt Ion:180 Resp: 374885
 Ion Ratio Lower Upper
 180 100
 182 94.0 46.6 139.8
 145 27.0 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 48.344 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014286.D
 Acq: 26 Dec 2019 21:47

Tgt Ion:225 Resp: 172817
 Ion Ratio Lower Upper
 225 100
 223 64.4 30.9 92.5
 227 63.5 30.9 92.7

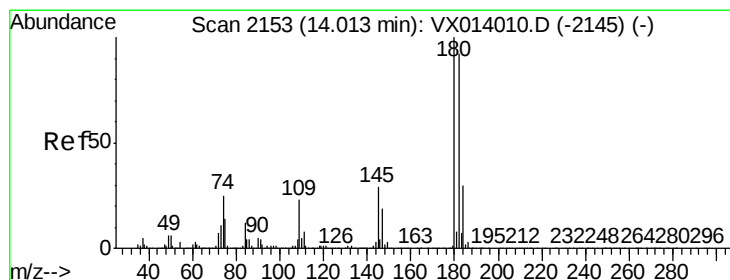
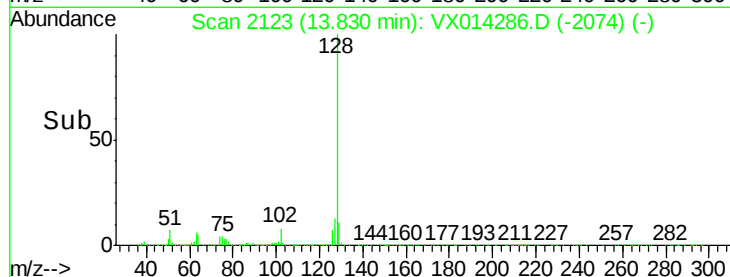
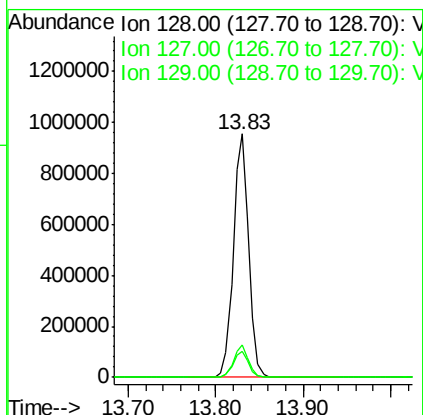
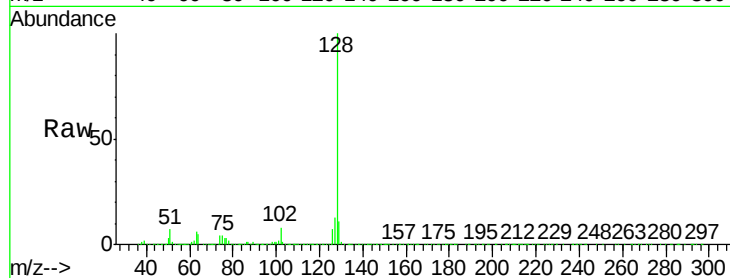




#95
Naphthalene
Concen: 53.241 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014286.D
Acq: 26 Dec 2019 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 1163508
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.5 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 50.925 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014286.D
Acq: 26 Dec 2019 21:47

Tgt Ion:180 Resp: 373916
Ion Ratio Lower Upper
180 100
182 96.3 46.8 140.3
145 30.4 14.8 44.4

