

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX020620\
 Data File : VX014837.D
 Acq On : 06 Feb 2020 10:25
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 06 14:34:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	405813	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	598499	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	548652	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	285589	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	229275	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
35) Dibromofluoromethane	5.48	113	187946	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
50) Toluene-d8	8.71	98	701389	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
62) 4-Bromofluorobenzene	11.13	95	255618	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	228978	42.12	ug/l	98
3) Chloromethane	1.32	50	224385	40.87	ug/l	99
4) Vinyl Chloride	1.40	62	259638	43.74	ug/l	100
5) Bromomethane	1.63	94	174824	43.36	ug/l	98
6) Chloroethane	1.72	64	148937	43.68	ug/l	100
7) Trichlorofluoromethane	1.92	101	316182	45.75	ug/l	100
8) Diethyl Ether	2.18	74	140662	46.63	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	191092	47.10	ug/l	99
10) Methyl Iodide	2.50	142	258787	48.61	ug/l	99
11) Tert butyl alcohol	3.03	59	228464	214.73	ug/l	99
12) 1,1-Dichloroethene	2.36	96	178830	44.33	ug/l	96
13) Acrolein	2.28	56	194219	231.52	ug/l	100
14) Allyl chloride	2.72	41	330370	45.56	ug/l	97
15) Acrylonitrile	3.13	53	564178	229.18	ug/l	100
16) Acetone	2.43	43	689912	265.62	ug/l	100
17) Carbon Disulfide	2.56	76	439046	39.82	ug/l	99
18) Methyl Acetate	2.76	43	349849	47.19	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	669886	50.70	ug/l	99
20) Methylene Chloride	2.84	84	215900	44.92	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	195822	44.09	ug/l	98
22) Diisopropyl ether	3.84	45	701851	48.65	ug/l	96
23) Vinyl Acetate	3.80	43	2759090	250.89	ug/l	100
24) 1,1-Dichloroethane	3.69	63	367303	46.88	ug/l	98
25) 2-Butanone	4.65	43	889885	239.14	ug/l	97
26) 2,2-Dichloropropane	4.57	77	311127	49.61	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	237386	47.75	ug/l	98
28) Bromochloromethane	5.00	49	146355	42.51	ug/l	96
29) Tetrahydrofuran	5.11	42	499042	225.95	ug/l	99
30) Chloroform	5.20	83	377867	48.69	ug/l	99
31) Cyclohexane	5.56	56	318385	43.21	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	319611	48.72	ug/l	98
36) 1,1-Dichloropropene	5.79	75	273428	49.17	ug/l	99
37) Ethyl Acetate	4.81	43	308119	48.37	ug/l	99
38) Carbon Tetrachloride	5.77	117	270851	51.00	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	335389	48.14	ug/l	95
40) Benzene	6.13	78	827839	48.18	ug/l	99
41) Methacrylonitrile	5.03	41	171599	47.21	ug/l	97
42) 1,2-Dichloroethane	6.18	62	310409	52.31	ug/l	99
43) Isopropyl Acetate	6.43	43	523114	50.15	ug/l	99
44) Trichloroethene	7.20	130	233895	48.19	ug/l	98
45) 1,2-Dichloropropane	7.50	63	220882	49.90	ug/l	98
46) Dibromomethane	7.65	93	147688	51.51	ug/l	99
47) Bromodichloromethane	7.89	83	297115	52.84	ug/l	99
48) Methyl methacrylate	7.76	41	256121	51.39	ug/l	97
49) 1,4-Dioxane	7.73	88	96235	910.97	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	1596425	242.50	ug/l	99
52) Toluene	8.78	92	531325	50.30	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	332358	54.89	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	362037	54.35	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	227915	52.70	ug/l	99
56) Ethyl methacrylate	9.17	69	352195	48.11	ug/l	99
57) 1,3-Dichloropropane	9.36	76	380095	51.42	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	570492	262.31	ug/l	98
59) 2-Hexanone	9.48	43	1269767	248.56	ug/l	98
60) Dibromochloromethane	9.57	129	244746	54.22	ug/l	100
61) 1,2-Dibromoethane	9.67	107	233993	51.18	ug/l	100
64) Tetrachloroethene	9.33	164	251077	46.23	ug/l	97
65) Chlorobenzene	10.13	112	589265	50.21	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	228389	52.78	ug/l	98
67) Ethyl Benzene	10.25	91	1029163	51.36	ug/l	100
68) m/p-Xylenes	10.35	106	788824	103.91	ug/l	99
69) o-Xylene	10.70	106	381112	52.00	ug/l	99
70) Styrene	10.71	104	666992	54.26	ug/l	100
71) Bromoform	10.85	173	187180	54.40	ug/l	# 100
73) Isopropylbenzene	11.01	105	1021726	50.88	ug/l	100
74) N-amyl acetate	10.89	43	452038	51.37	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	338077	47.15	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	399810	60.17	ug/l	91
77) Bromobenzene	11.25	156	273249	50.65	ug/l	96
78) n-propylbenzene	11.35	91	1160637	50.92	ug/l	99
79) 2-Chlorotoluene	11.42	91	688255	49.90	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	861384	51.68	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	117641	50.39	ug/l	99
82) 4-Chlorotoluene	11.51	91	803154	51.15	ug/l	100
83) tert-Butylbenzene	11.76	119	825594	52.72	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	864378	51.71	ug/l	99
85) sec-Butylbenzene	11.94	105	1010178	52.65	ug/l	99
86) p-Isopropyltoluene	12.06	119	925603	52.20	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	484190	49.94	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	485936	50.04	ug/l	99
89) n-Butylbenzene	12.38	91	824865	53.42	ug/l	99
90) Hexachloroethane	12.59	117	165822	50.35	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	483746	50.24	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	73548	47.75	ug/l	98

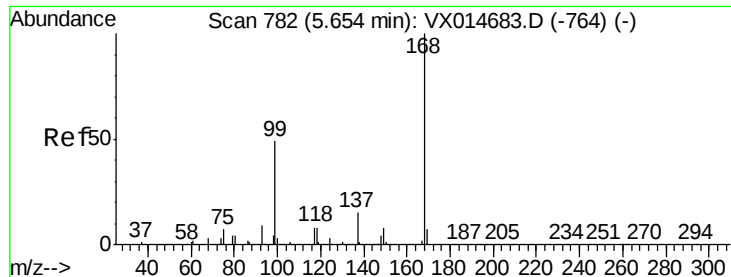
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	341506	55.01	ug/l	99
94) Hexachlorobutadiene	13.77	225	169142	52.94	ug/l	97
95) Naphthalene	13.83	128	1008797	50.38	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	345119	54.98	ug/l	98

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

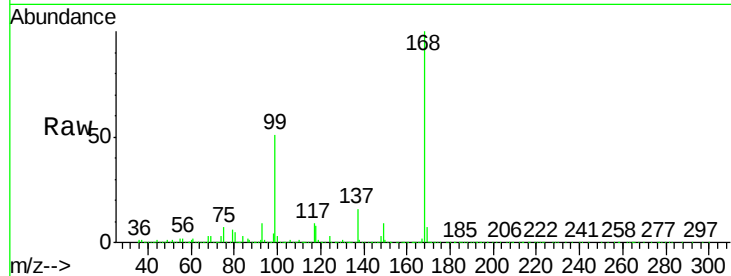


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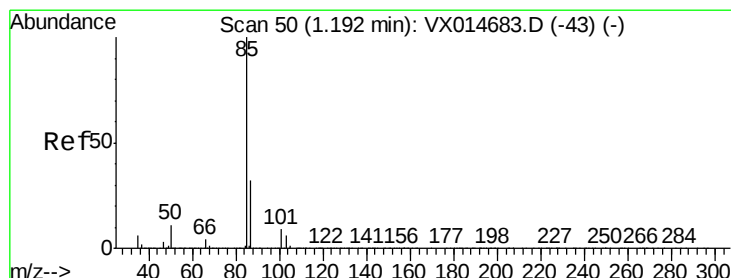
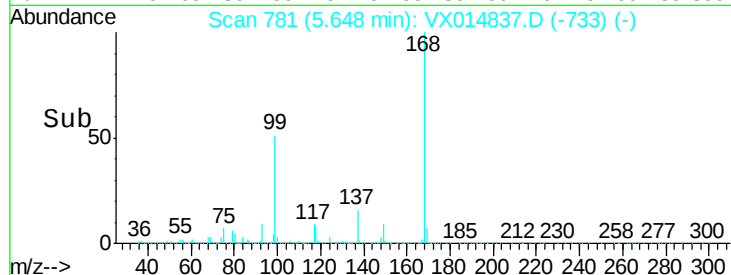
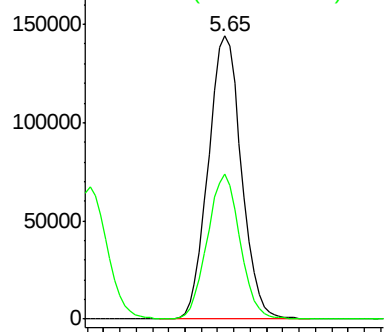
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: VX014837.D
 Acq: 06 Feb 2020 10:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 168 Resp: 405813
 Ion Ratio Lower Upper
 168 100
 99 50.9 39.8 59.6



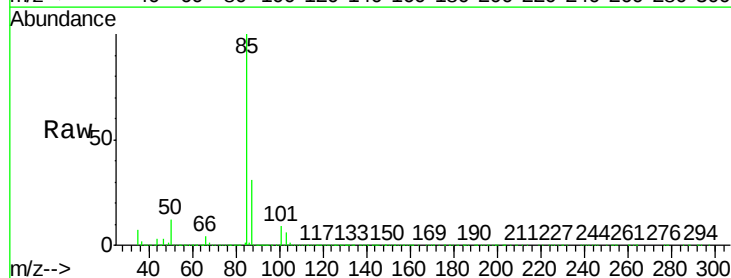
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VX0



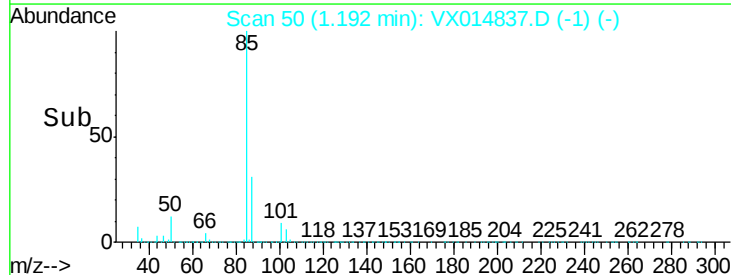
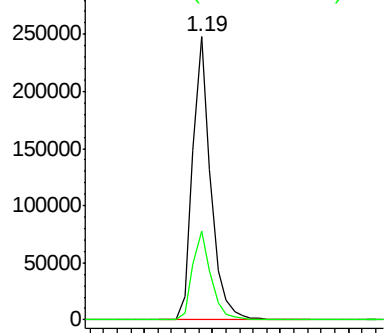
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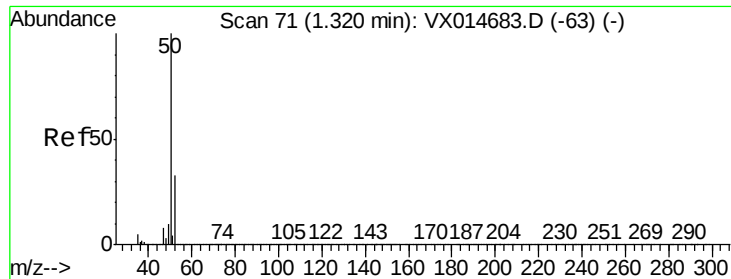
Dichlorodifluoromethane
 Concen: 42.12 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX014837.D
 Acq: 06 Feb 2020 10:25

Tgt Ion: 85 Resp: 228978
 Ion Ratio Lower Upper
 85 100
 87 31.4 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0
 Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 40.87 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

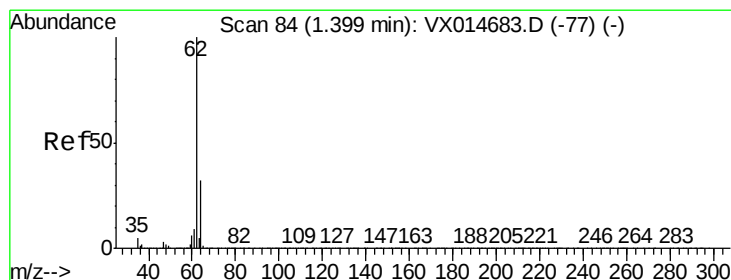
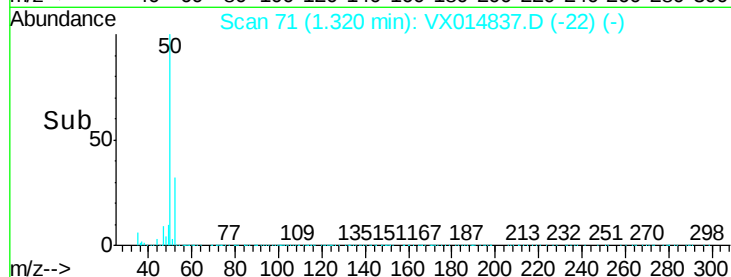
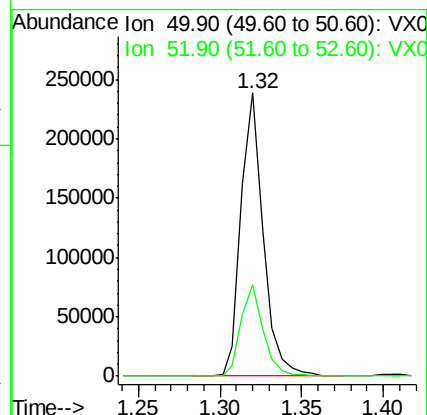
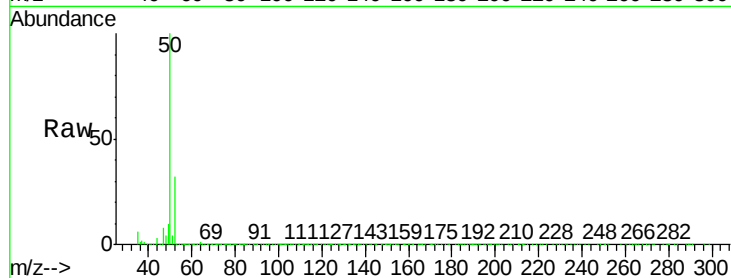
VSTDCCC050

Tgt Ion: 50 Resp: 224385

Ion Ratio Lower Upper

50 100

52 32.2 26.2 39.2



#4

Vinyl Chloride

Concen: 43.74 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014837.D

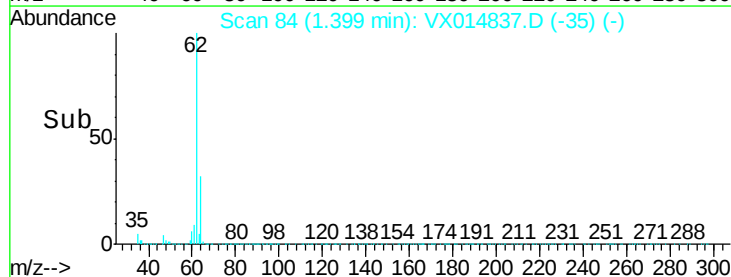
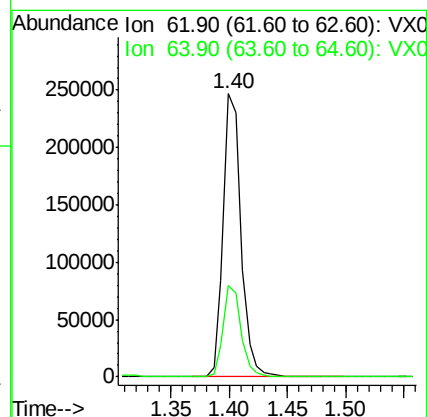
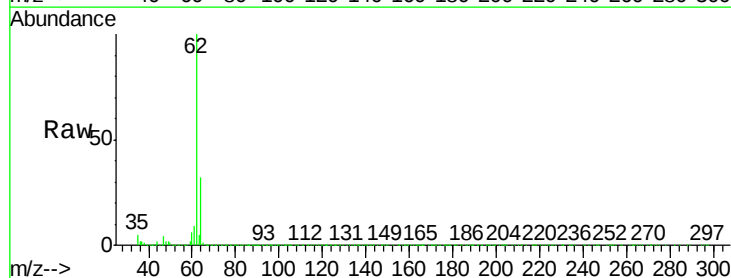
Acq: 06 Feb 2020 10:25

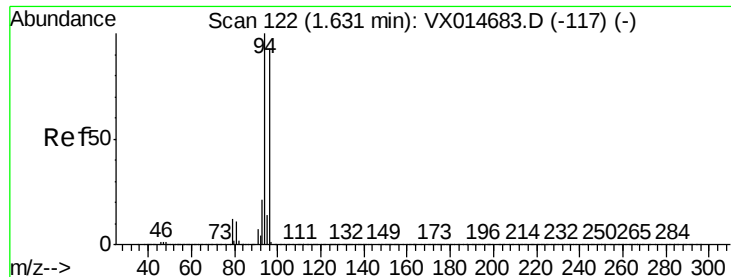
Tgt Ion: 62 Resp: 259638

Ion Ratio Lower Upper

62 100

64 31.9 25.4 38.2





#5

Bromomethane

Concen: 43.36 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

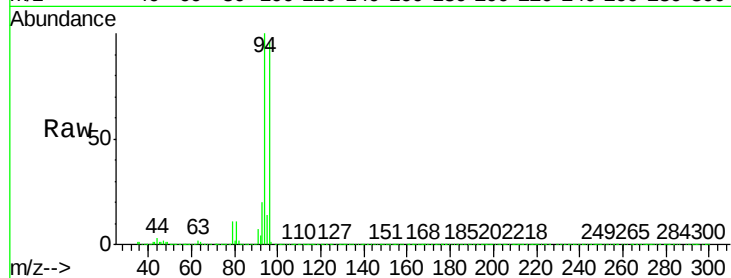
VSTDCCC050

Tgt Ion: 94 Resp: 174824

Ion Ratio Lower Upper

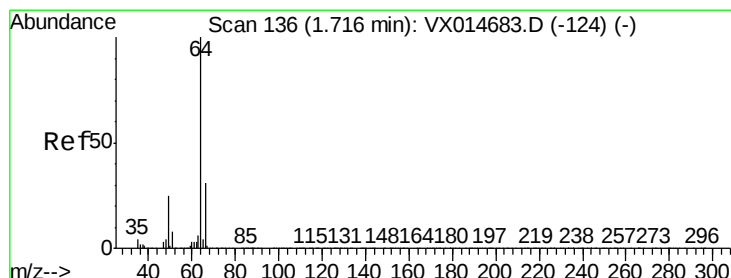
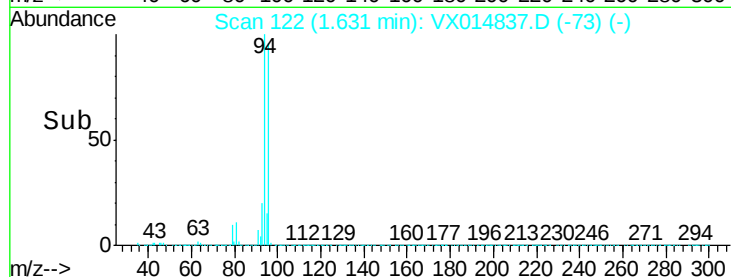
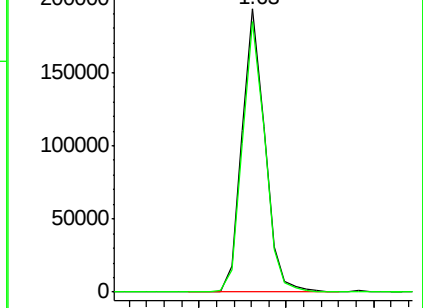
94 100

96 95.8 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 43.68 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014837.D

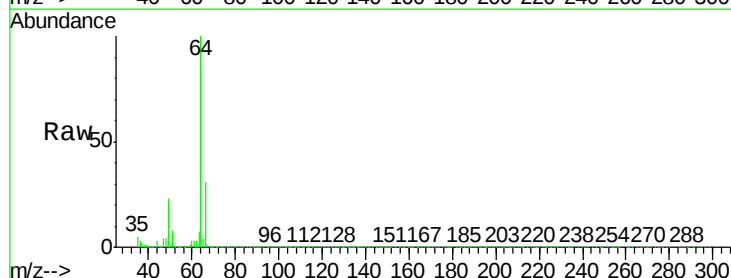
Acq: 06 Feb 2020 10:25

Tgt Ion: 64 Resp: 148937

Ion Ratio Lower Upper

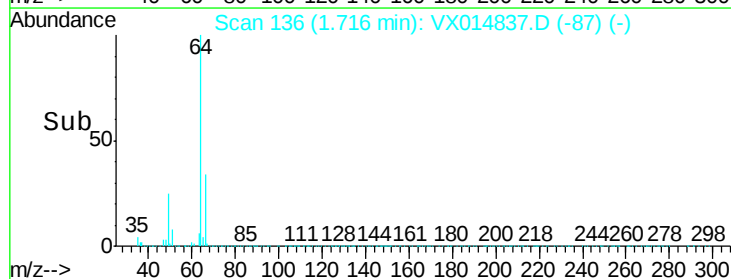
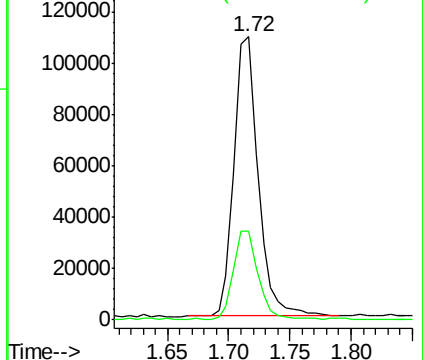
64 100

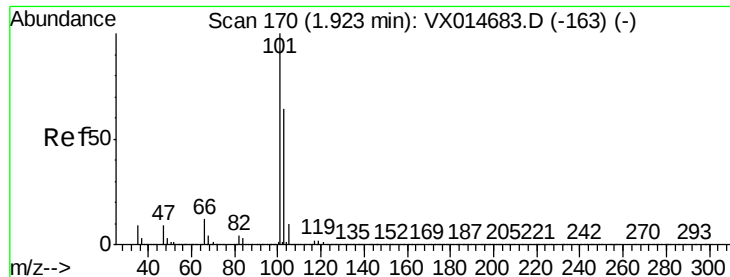
66 31.5 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



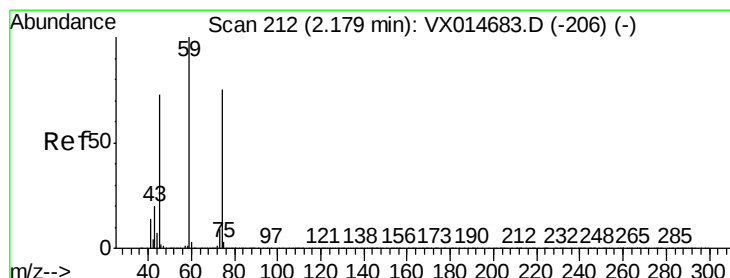
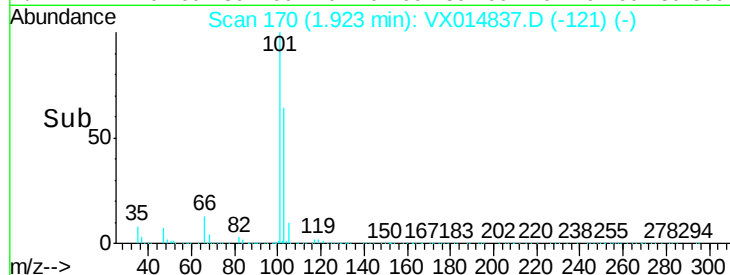
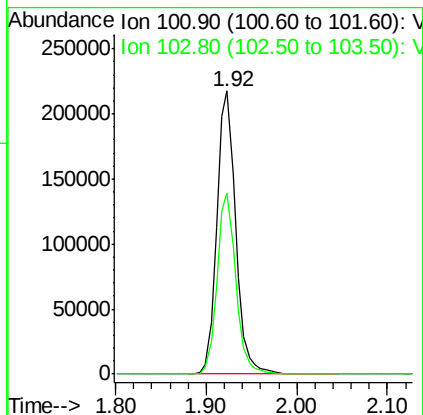
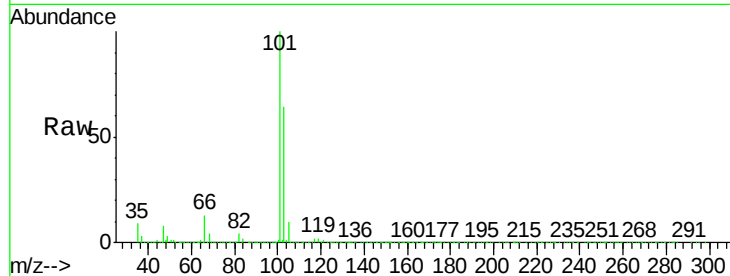


#7

Trichlorofluoromethane
Concen: 45.75 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX014837.D
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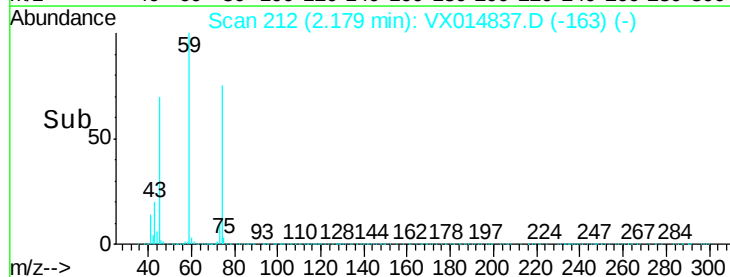
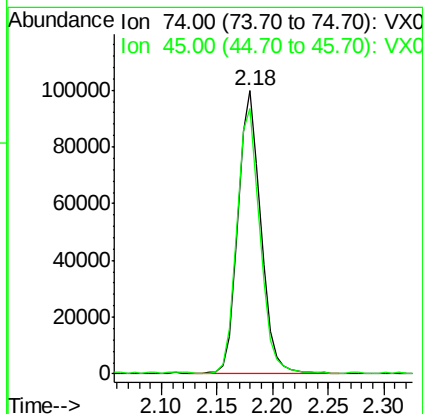
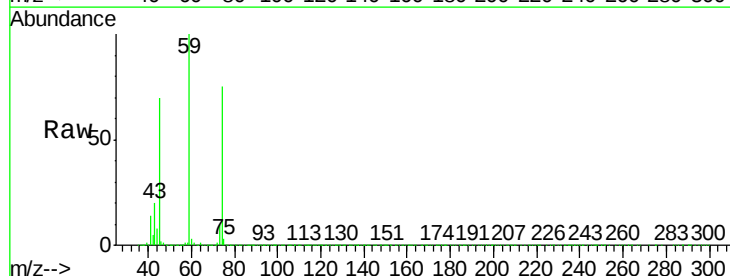
Tgt Ion:101 Resp: 316182
Ion Ratio Lower Upper
101 100
103 64.1 51.0 76.6

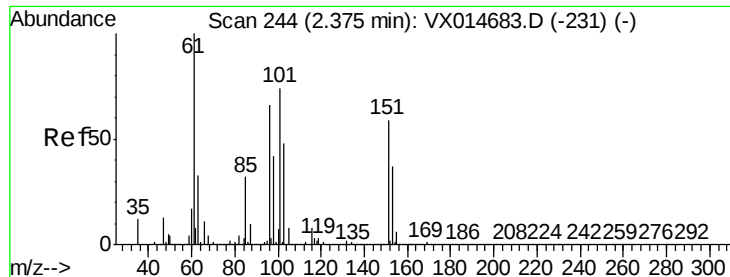


#8

Diethyl Ether
Concen: 46.63 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014837.D
Acq: 06 Feb 2020 10:25

Tgt Ion: 74 Resp: 140662
Ion Ratio Lower Upper
74 100
45 95.1 49.4 148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.10 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

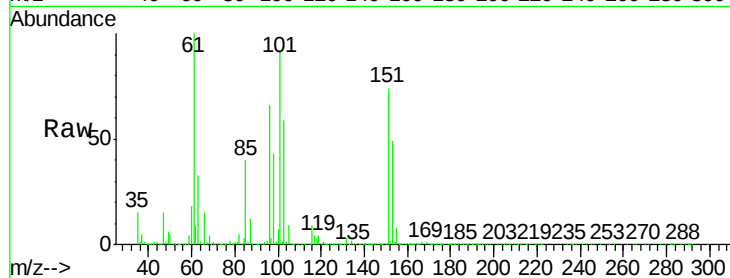
Tgt Ion:101 Resp: 191092

Ion Ratio Lower Upper

101 100

85 43.0 34.7 52.1

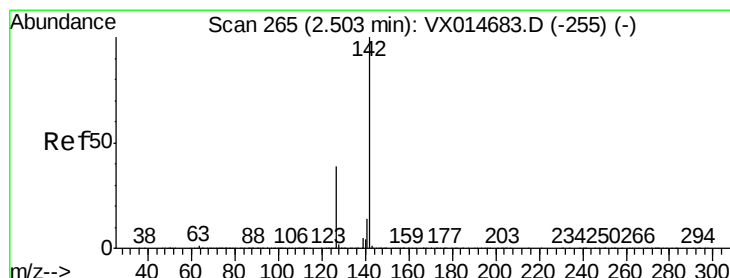
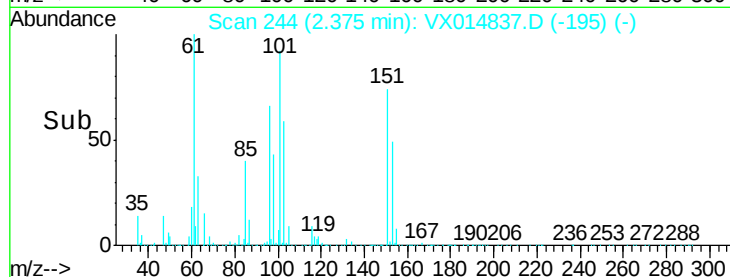
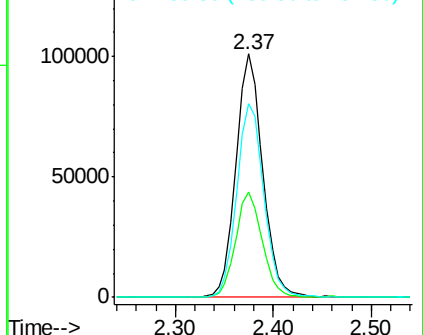
151 81.6 64.7 97.1



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: 48.61 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

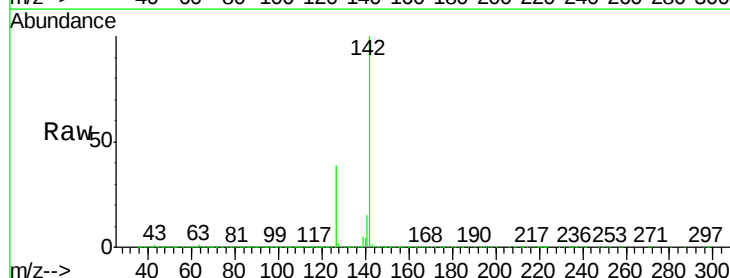
Tgt Ion:142 Resp: 258787

Ion Ratio Lower Upper

142 100

127 39.9 31.1 46.7

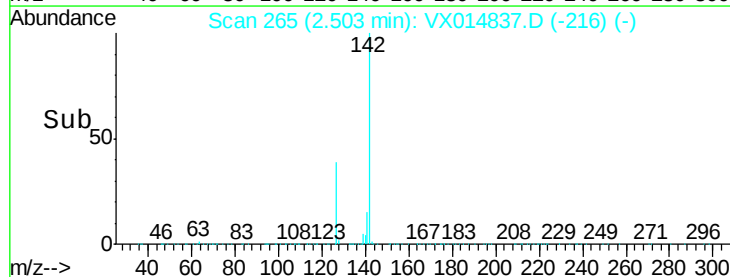
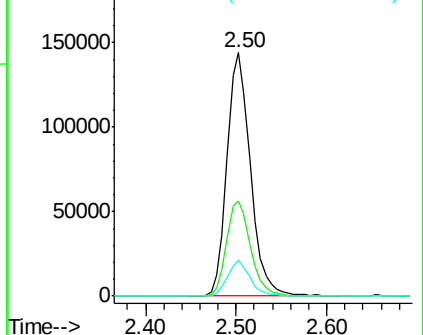
141 14.4 11.3 16.9

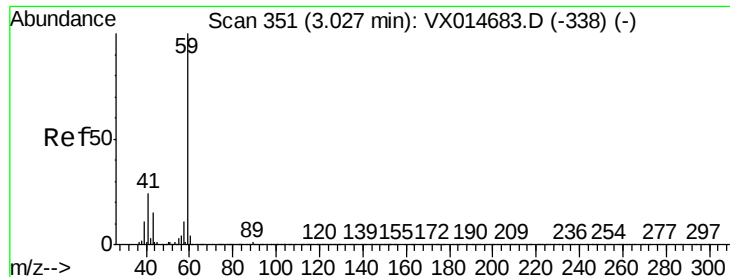


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

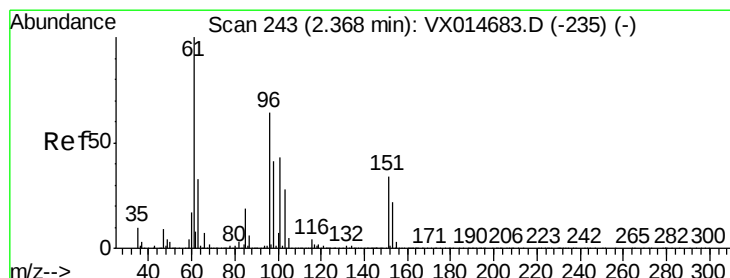
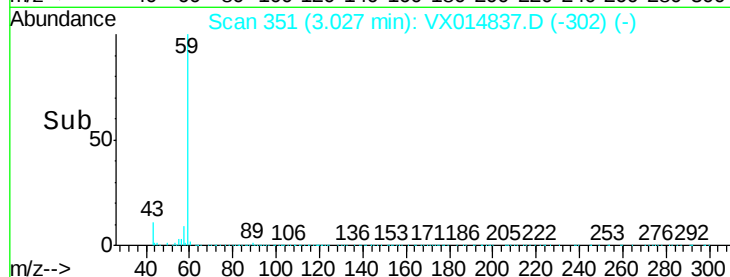
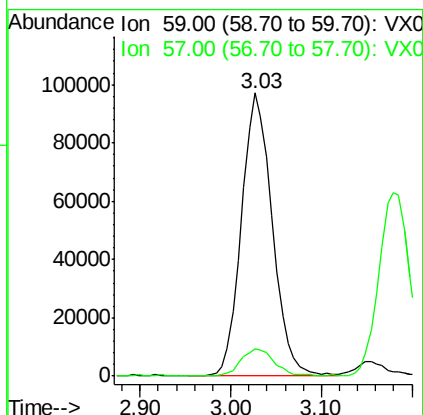
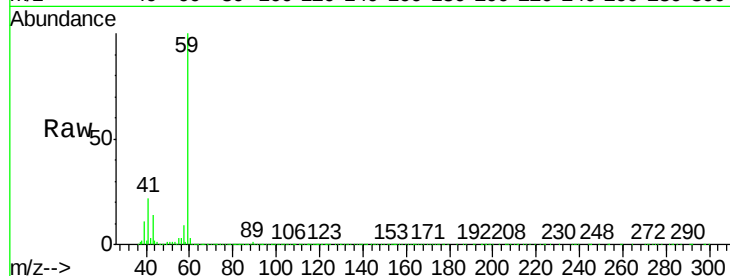




#11
Tert butyl alcohol
Concen: 214.73 ug/l
RT: 3.03 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX014837.D
Acq: 06 Feb 2020 10:25

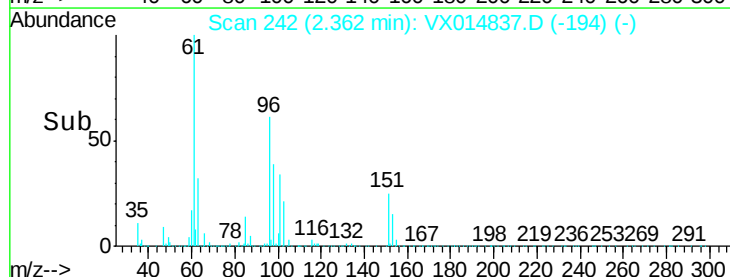
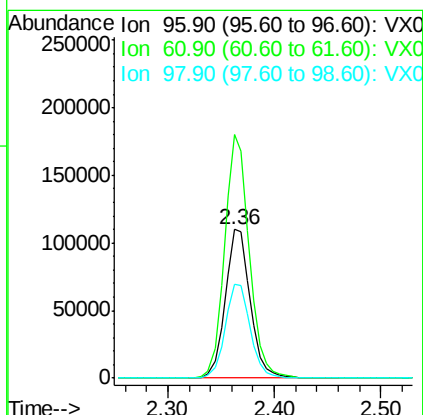
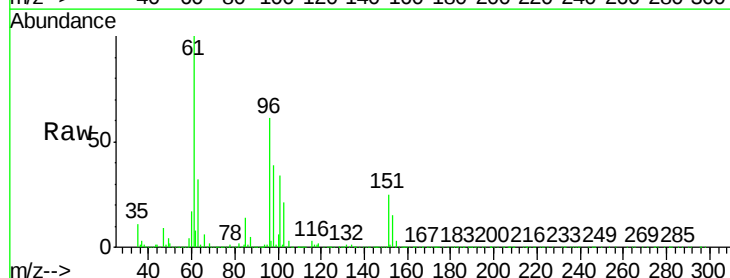
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

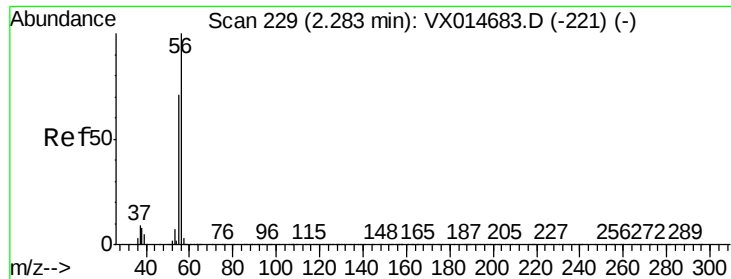
Tgt Ion: 59 Resp: 228464
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5



#12
1,1-Dichloroethene
Concen: 44.33 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.01 min
Lab File: VX014837.D
Acq: 06 Feb 2020 10:25

Tgt Ion: 96 Resp: 178830
Ion Ratio Lower Upper
96 100
61 164.0 125.8 188.8
98 63.3 51.5 77.3





#13

Acrolein

Concen: 231.52 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

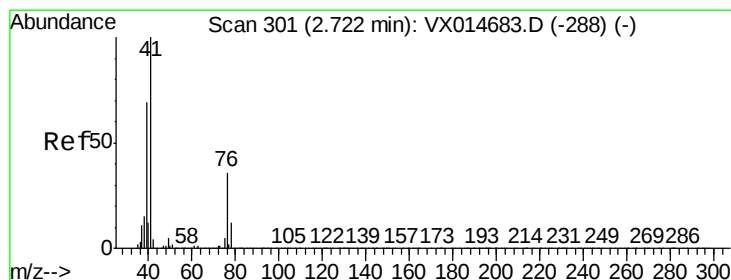
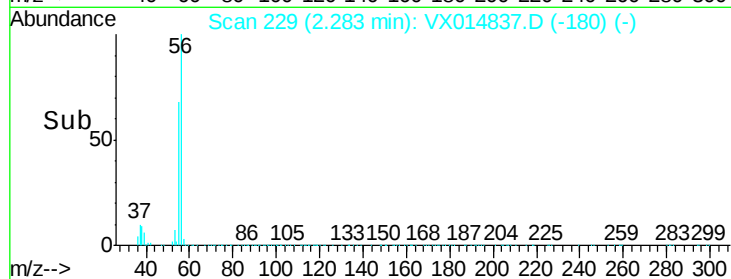
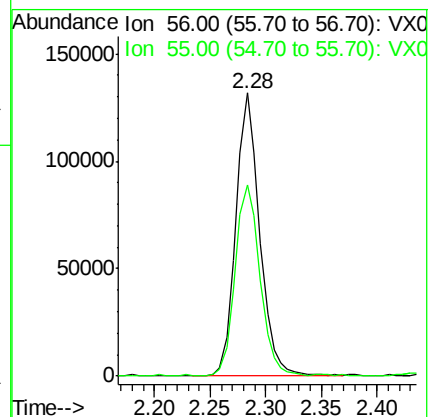
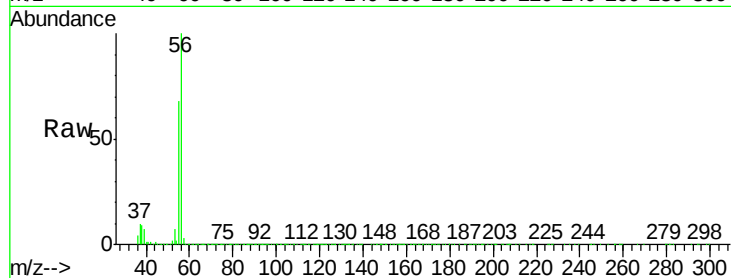
VSTDCCC050

Tgt Ion: 56 Resp: 194219

Ion Ratio Lower Upper

56 100

55 70.5 56.6 84.8



#14

Allyl chloride

Concen: 45.56 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

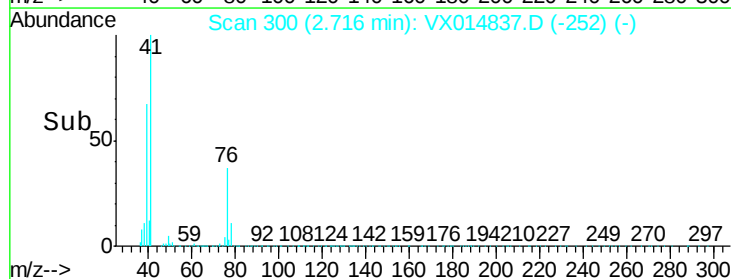
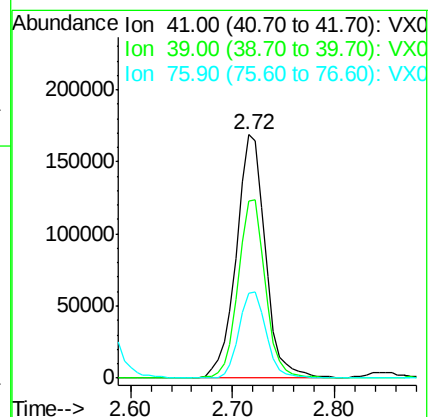
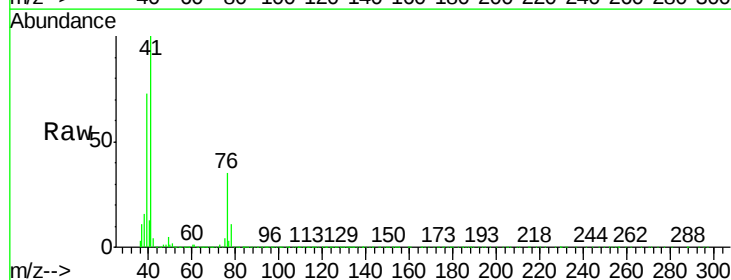
Tgt Ion: 41 Resp: 330370

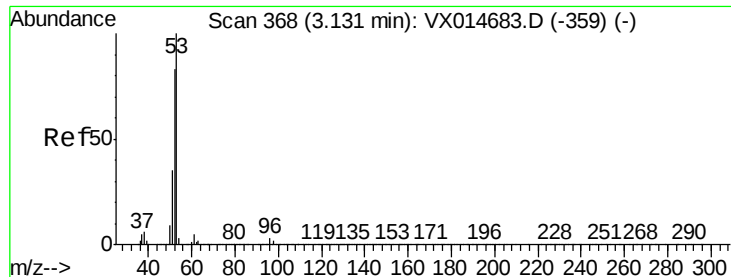
Ion Ratio Lower Upper

41 100

39 68.7 52.0 78.0

76 32.8 26.0 39.0





#15

Acrylonitrile

Concen: 229.18 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

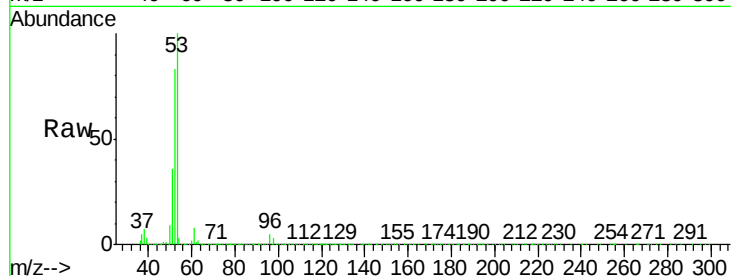
Tgt Ion: 53 Resp: 564178

Ion Ratio Lower Upper

53 100

52 82.8 66.4 99.6

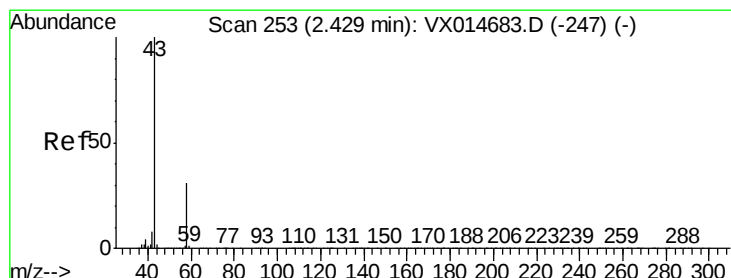
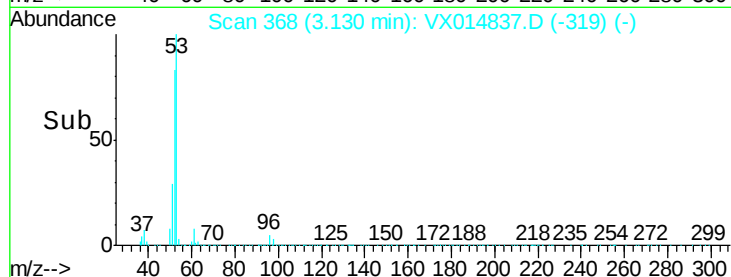
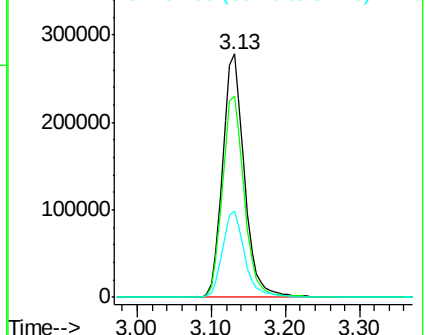
51 36.2 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 265.62 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014837.D

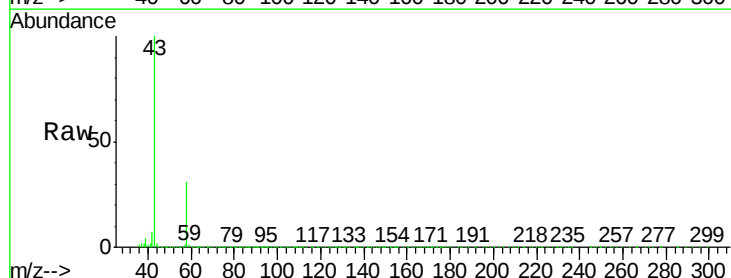
Acq: 06 Feb 2020 10:25

Tgt Ion: 43 Resp: 689912

Ion Ratio Lower Upper

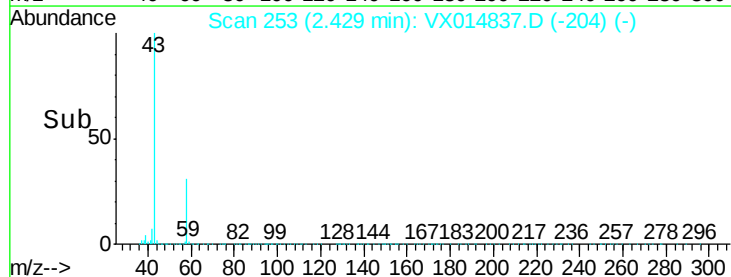
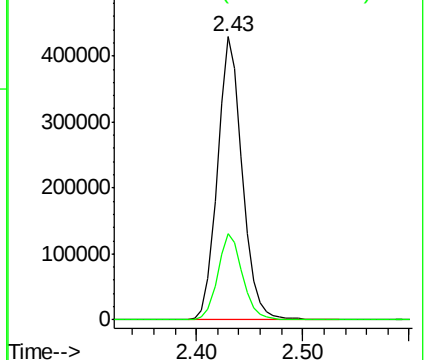
43 100

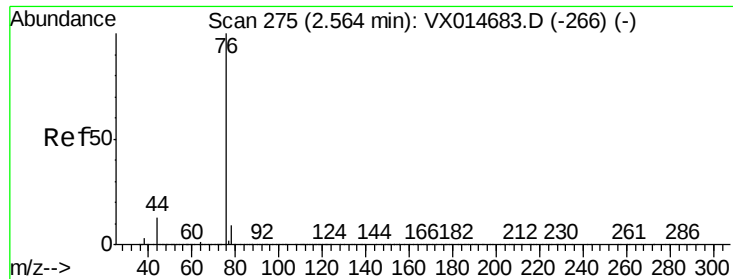
58 30.5 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

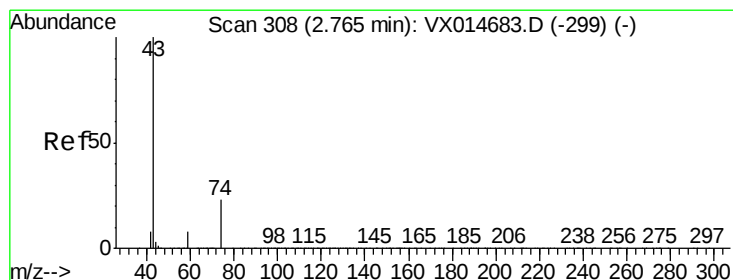
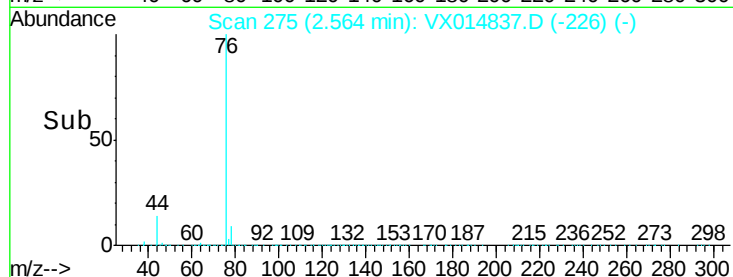
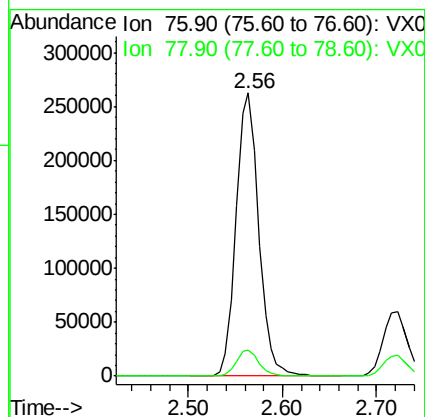
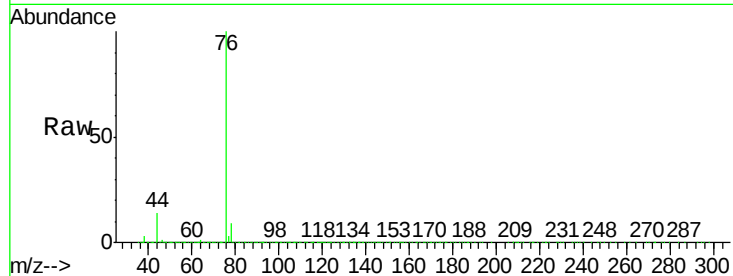




#17
Carbon Disulfide
Concen: 39.82 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX014837.D
Acq: 06 Feb 2020 10:25

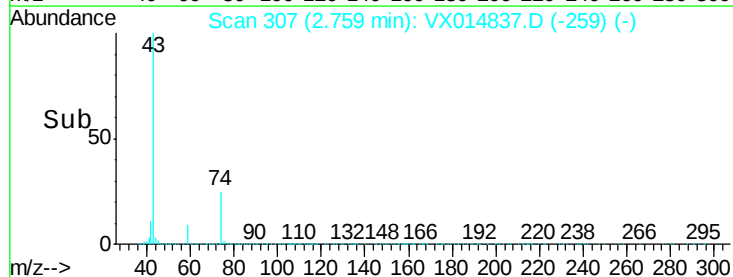
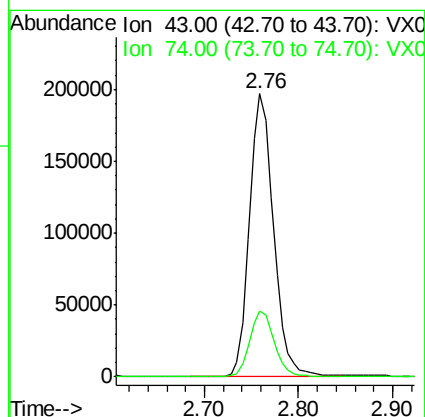
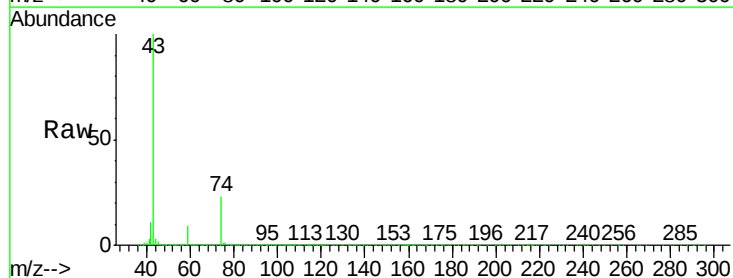
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

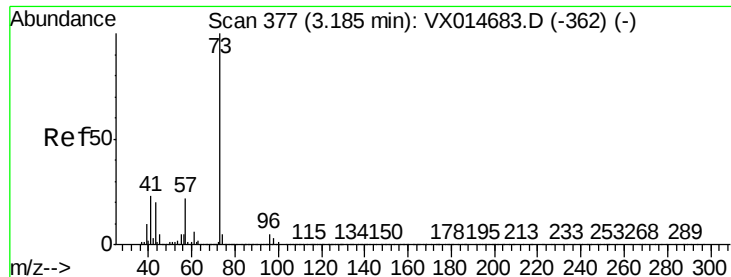
Tgt Ion: 76 Resp: 439046
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 47.19 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014837.D
Acq: 06 Feb 2020 10:25

Tgt Ion: 43 Resp: 349849
Ion Ratio Lower Upper
43 100
74 24.2 18.5 27.7





#19

Methyl tert-butyl Ether

Concen: 50.70 ug/l

RT: 3.18 min Scan# 376

Delta R.T. -0.01 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

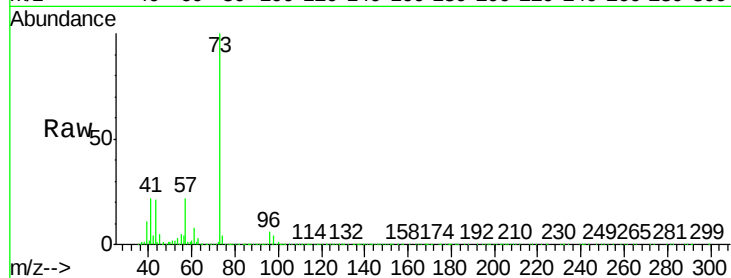
VSTDCCC050

Tgt Ion: 73 Resp: 669886

Ion Ratio Lower Upper

73 100

57 21.9 18.0 27.0



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.18

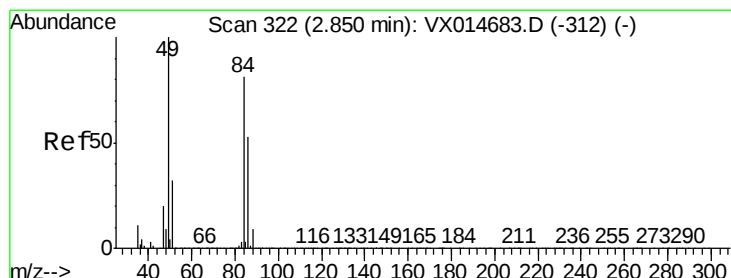
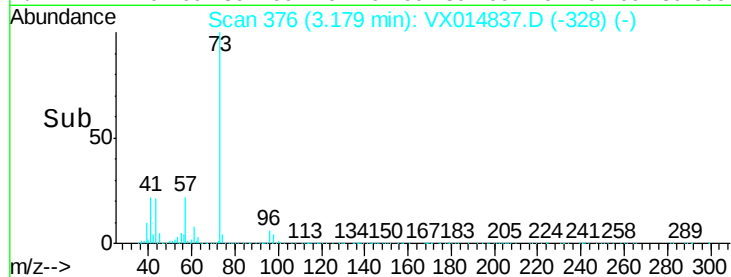
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 44.92 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.01 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

Tgt Ion: 84 Resp: 215900

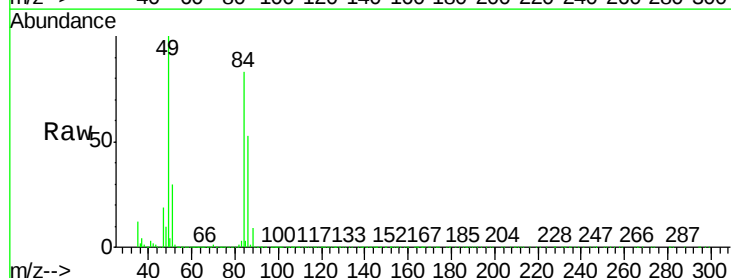
Ion Ratio Lower Upper

84 100

49 120.6 98.2 147.4

51 36.0 31.3 46.9

86 64.0 51.8 77.6



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

200000

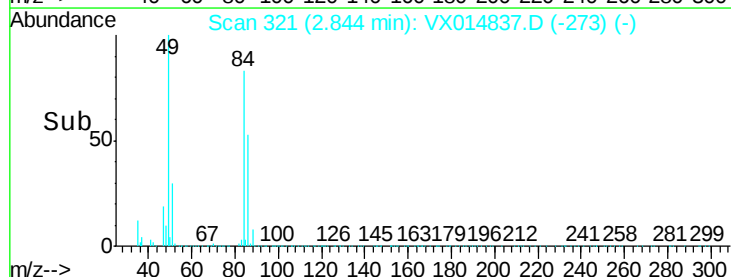
150000

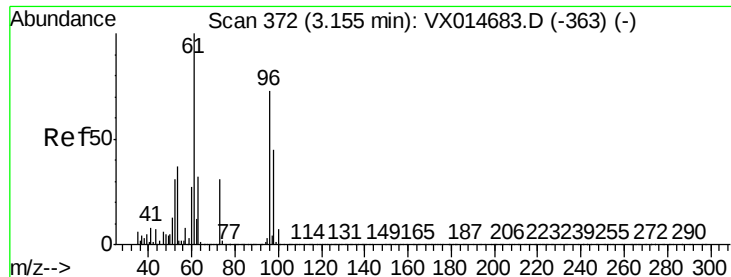
100000

50000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 44.09 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

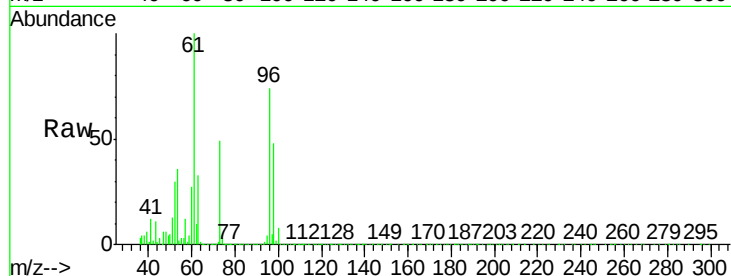
Tgt Ion: 96 Resp: 195822

Ion Ratio Lower Upper

96 100

61 134.7 109.8 164.6

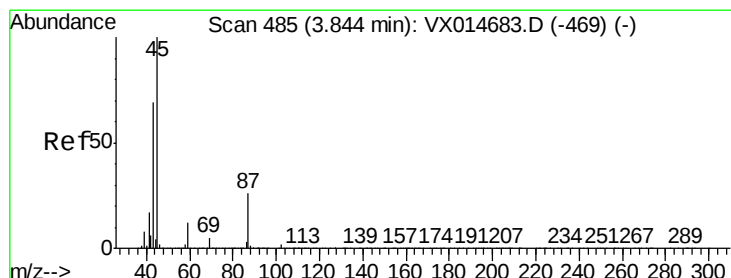
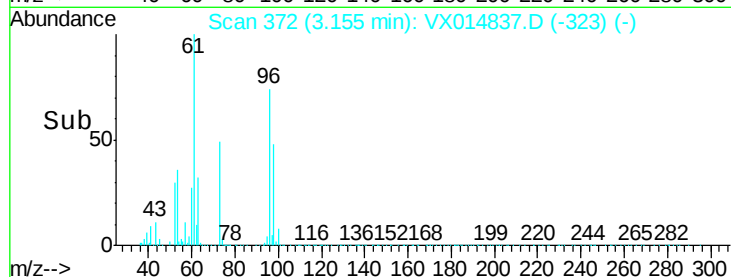
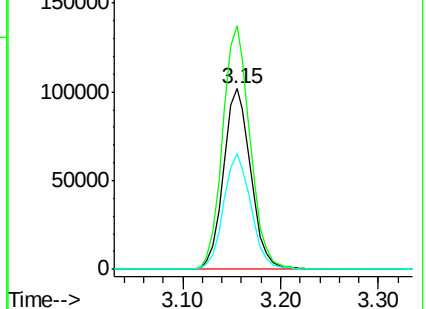
98 64.1 49.6 74.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 48.65 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

Tgt Ion: 45 Resp: 701851

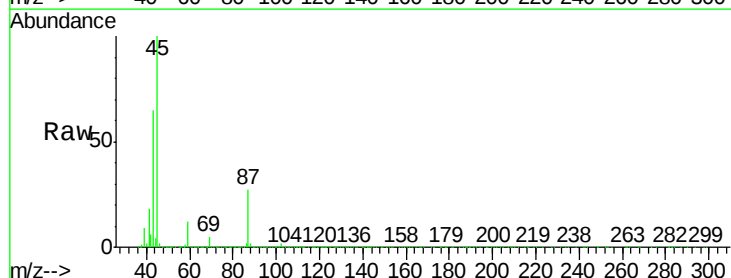
Ion Ratio Lower Upper

45 100

43 64.9 55.1 82.7

87 27.1 20.7 31.1

59 12.3 9.2 13.8

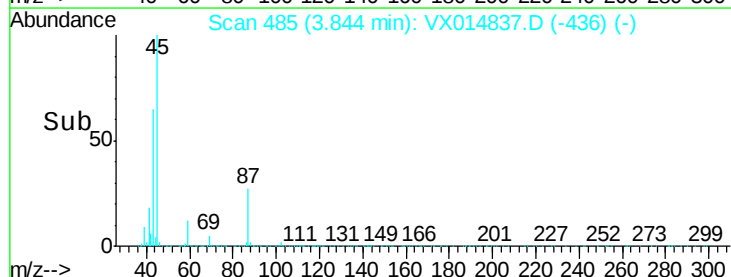
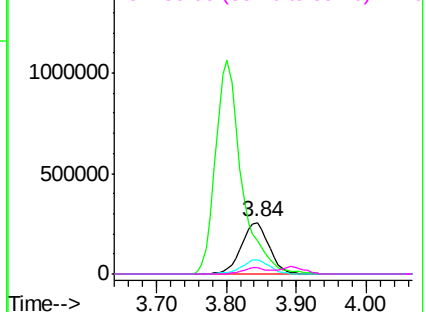


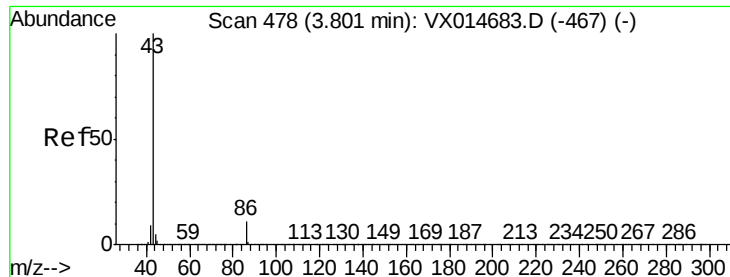
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 250.89 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

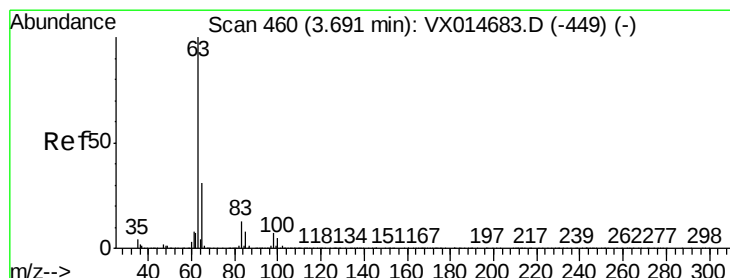
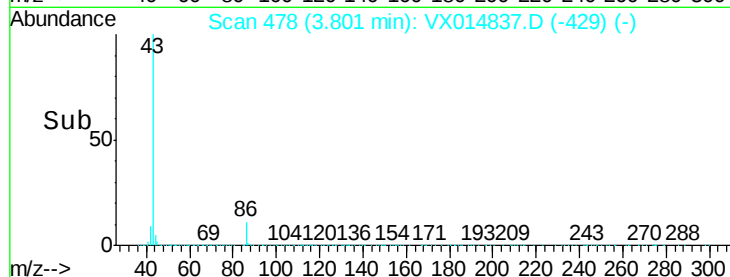
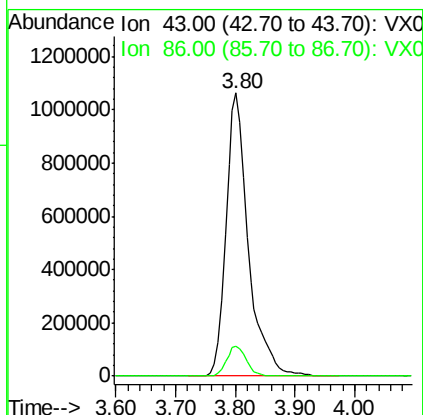
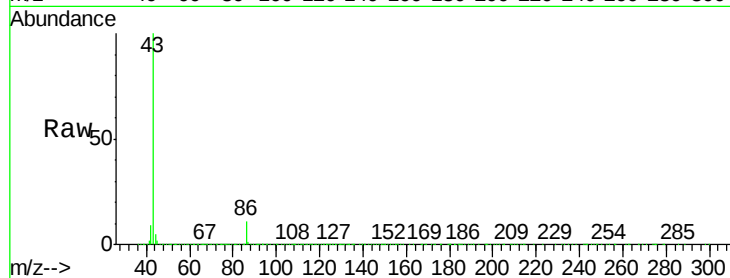
VSTDCCC050

Tgt Ion: 43 Resp: 2759090

Ion Ratio Lower Upper

43 100

86 10.6 8.4 12.6



#24

1,1-Dichloroethane

Concen: 46.88 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

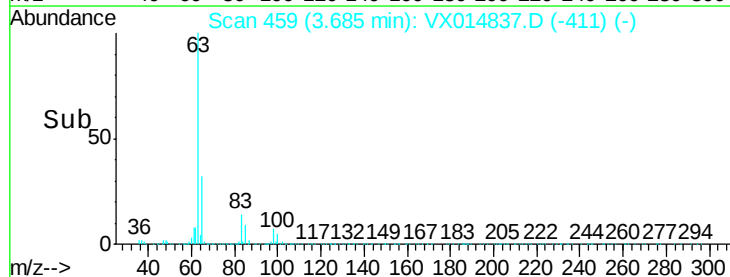
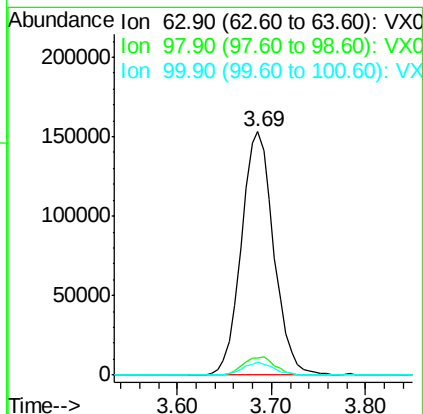
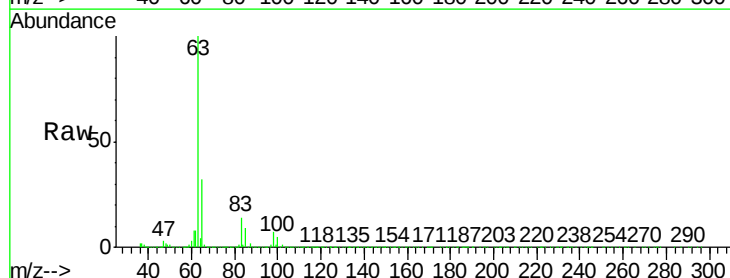
Tgt Ion: 63 Resp: 367303

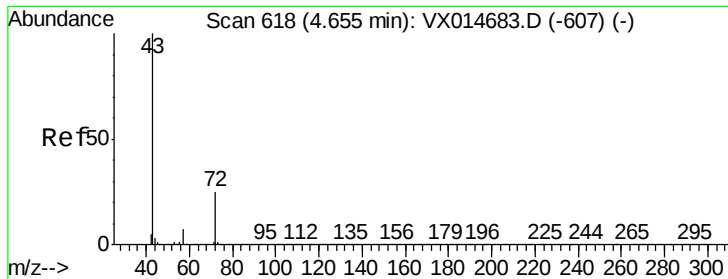
Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.8

100 5.2 2.2 6.6





#25

2-Butanone

Concen: 239.14 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

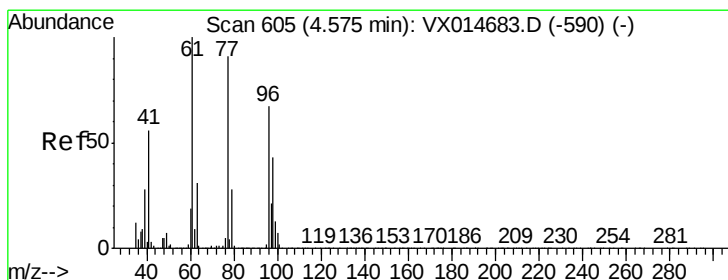
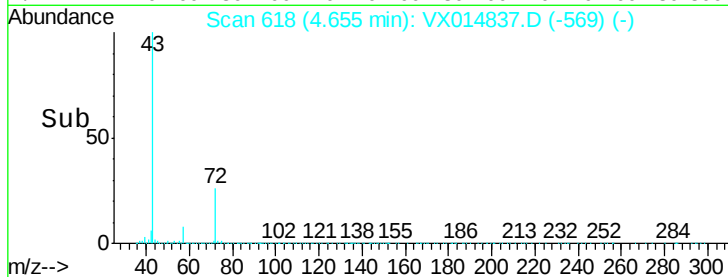
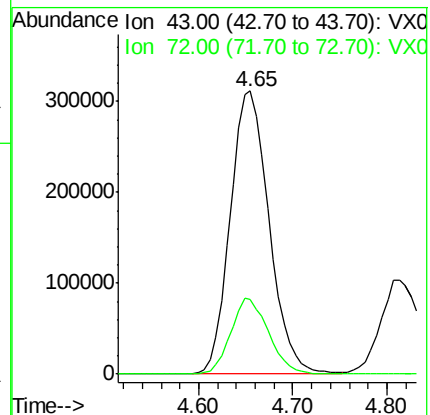
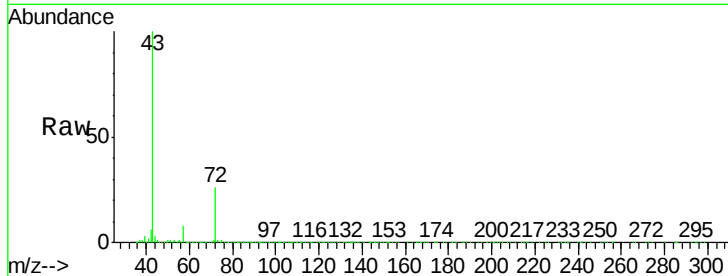
VSTDCCC050

Tgt Ion: 43 Resp: 889885

Ion Ratio Lower Upper

43 100

72 26.2 19.9 29.9



#26

2,2-Dichloropropane

Concen: 49.61 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014837.D

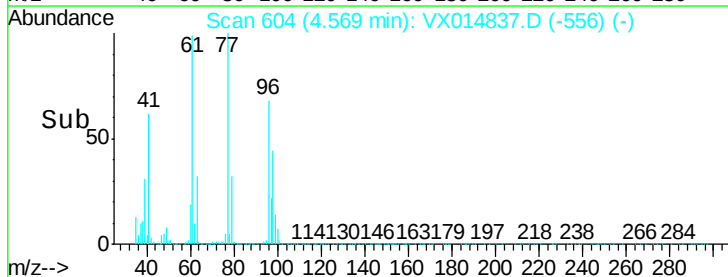
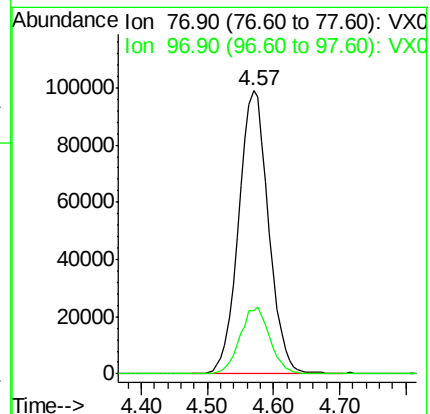
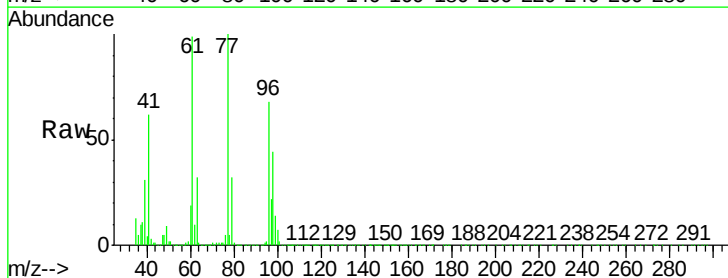
Acq: 06 Feb 2020 10:25

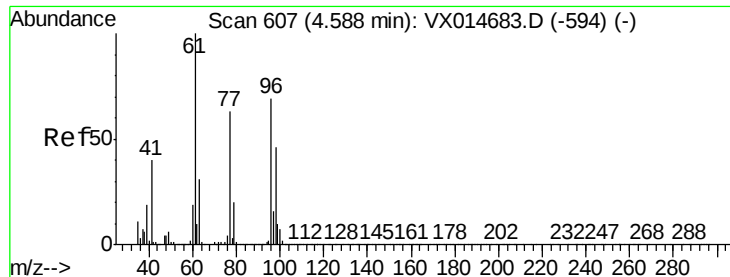
Tgt Ion: 77 Resp: 311127

Ion Ratio Lower Upper

77 100

97 23.5 11.8 35.3



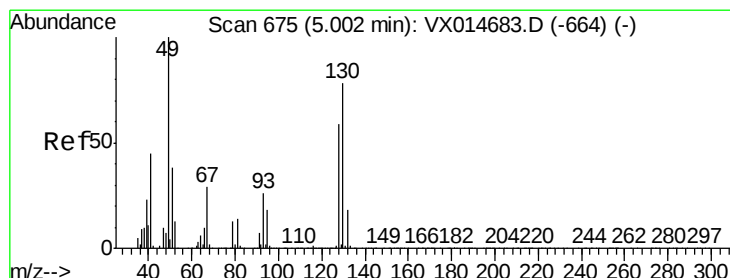
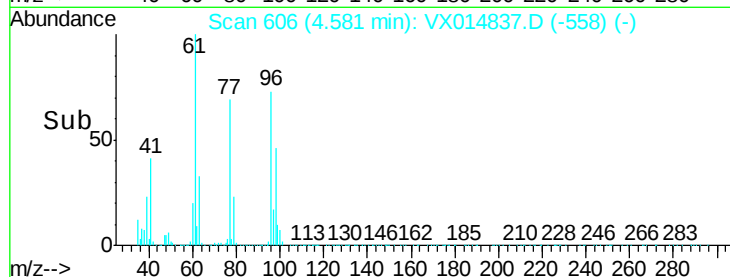
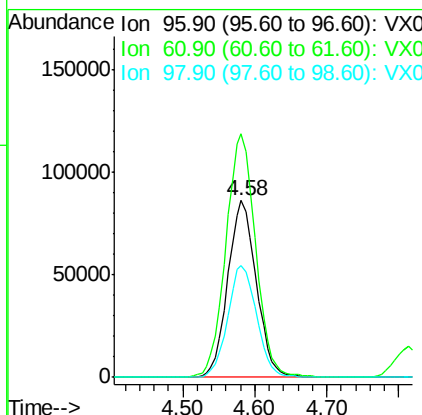
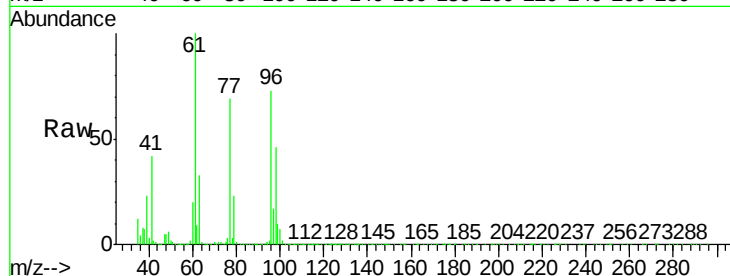


#27

cis-1,2-Dichloroethene
Concen: 47.75 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014837.D
Acq: 06 Feb 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

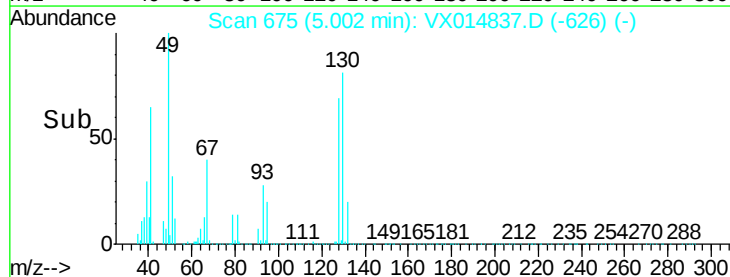
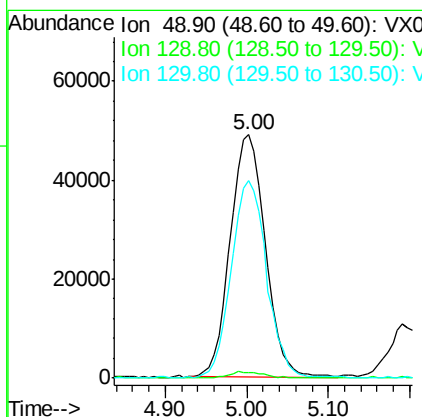
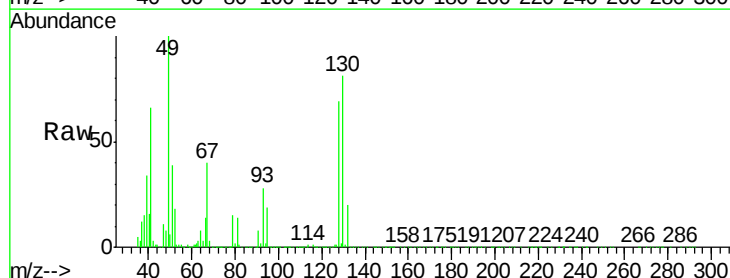
Tgt Ion	Ratio	Lower	Upper
96	100		
61	142.2	0.0	291.0
98	63.6	0.0	129.8

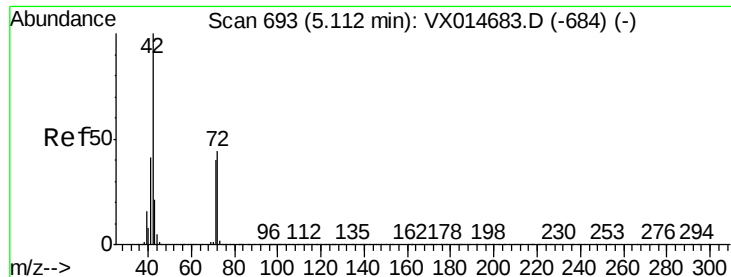


#28

Bromochloromethane
Concen: 42.51 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014837.D
Acq: 06 Feb 2020 10:25

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.8
130	81.3	62.4	93.6





#29

Tetrahydrofuran

Concen: 225.95 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.00 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

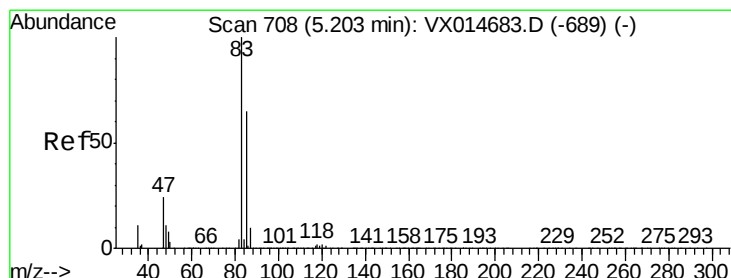
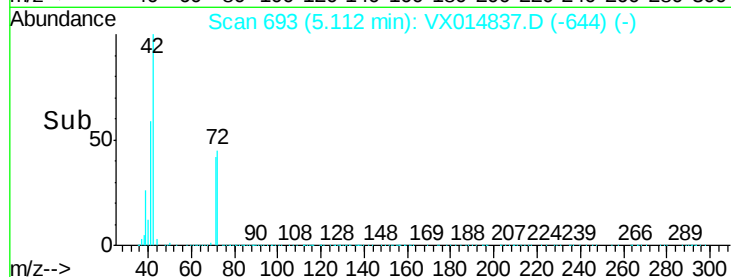
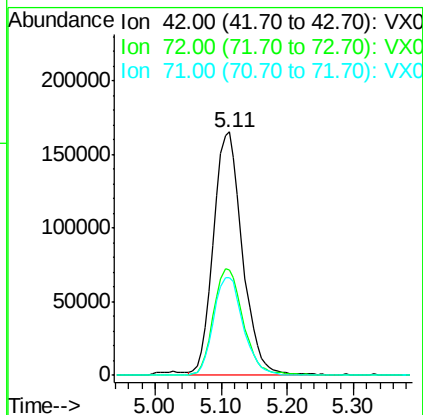
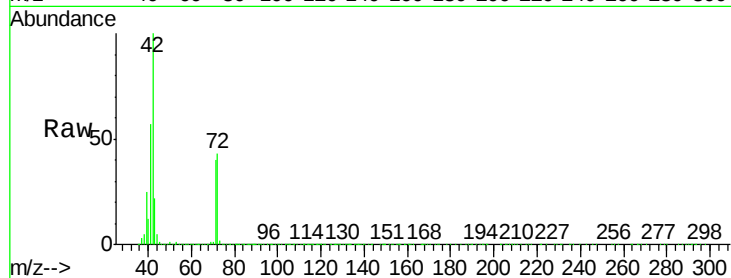
Tgt Ion: 42 Resp: 499042

Ion Ratio Lower Upper

42 100

72 45.4 35.3 52.9

71 41.3 33.1 49.7



#30

Chloroform

Concen: 48.69 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014837.D

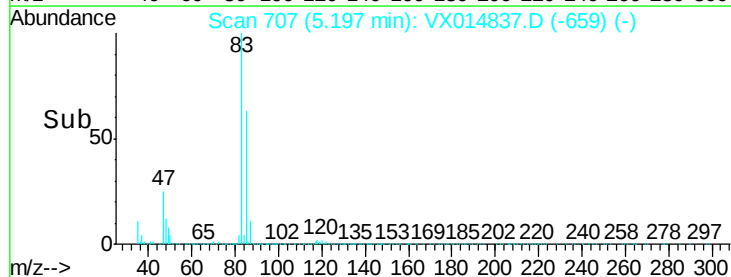
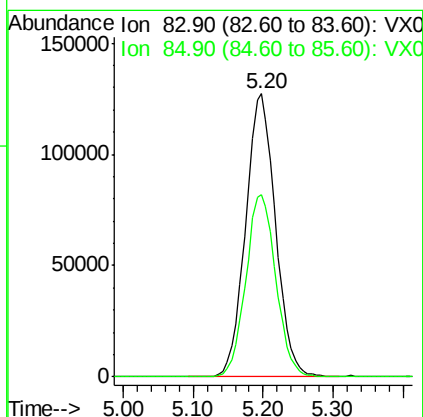
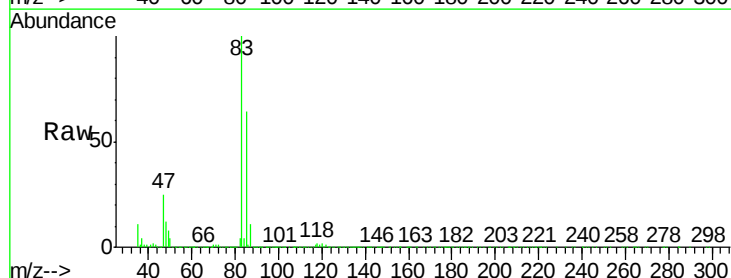
Acq: 06 Feb 2020 10:25

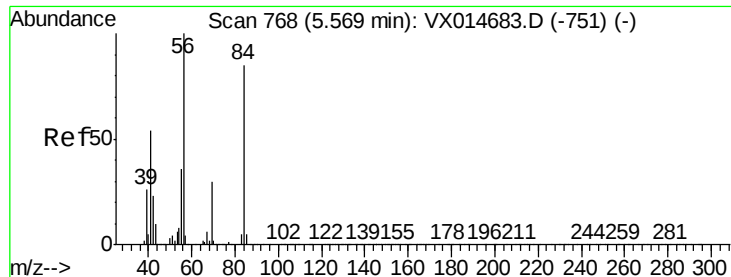
Tgt Ion: 83 Resp: 377867

Ion Ratio Lower Upper

83 100

85 64.0 51.7 77.5

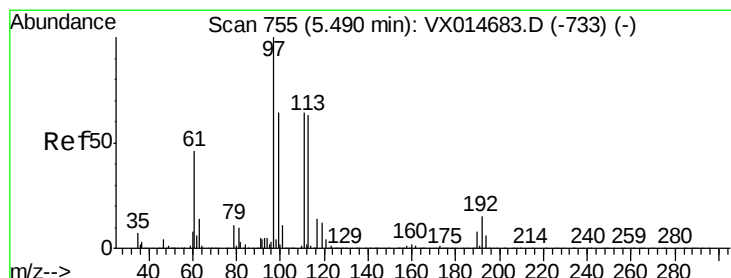
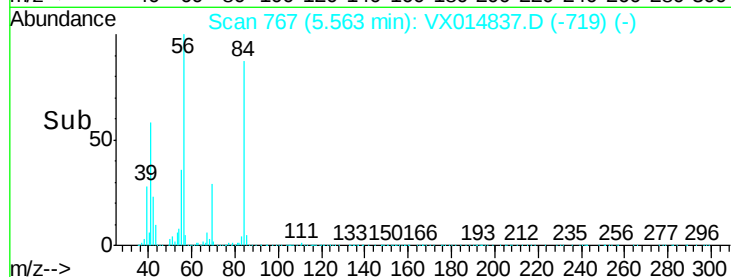
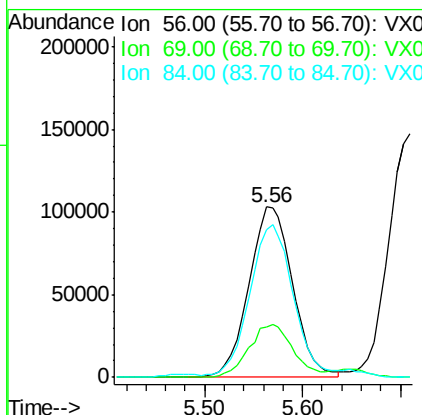
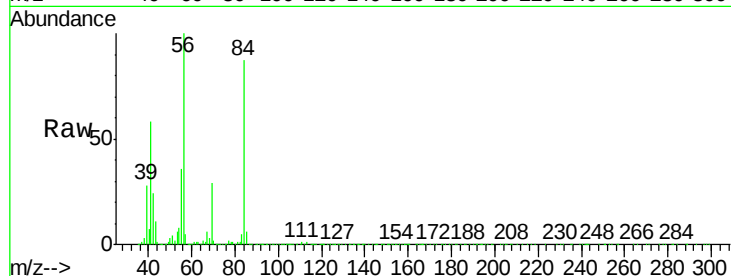




#31
Cyclohexane
Concen: 43.21 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX014837.D
Acq: 06 Feb 2020 10:25

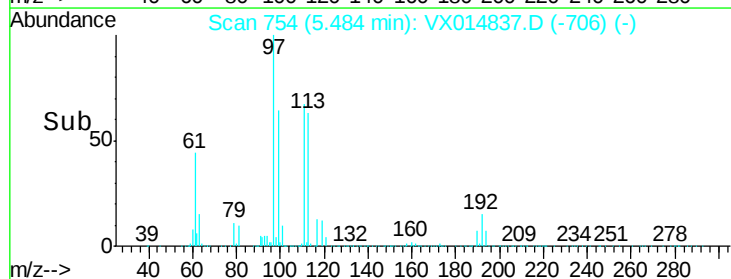
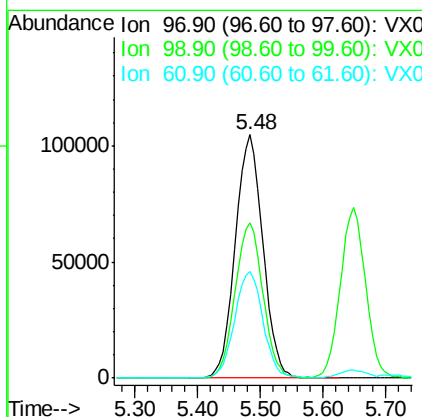
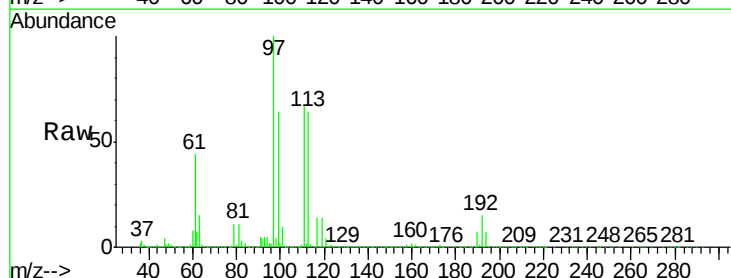
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

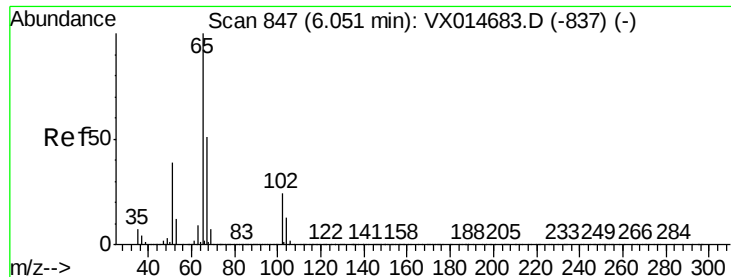
Tgt Ion: 56 Resp: 318385
Ion Ratio Lower Upper
56 100
69 29.4 23.4 35.2
84 85.2 68.4 102.6



#32
1,1,1-Trichloroethane
Concen: 48.72 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014837.D
Acq: 06 Feb 2020 10:25

Tgt Ion: 97 Resp: 319611
Ion Ratio Lower Upper
97 100
99 64.0 52.3 78.5
61 44.5 37.2 55.8





#33

1,2-Dichloroethane-d4

Concen: 48.38 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

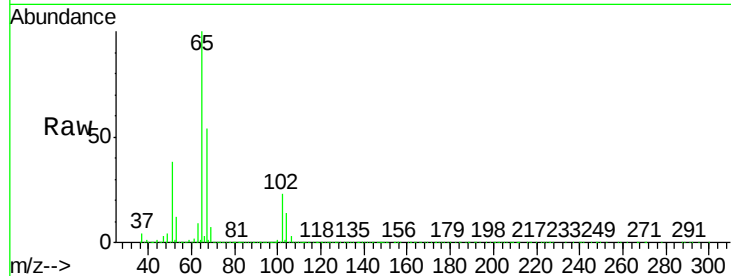
VSTDCCC050

Tgt Ion: 65 Resp: 229275

Ion Ratio Lower Upper

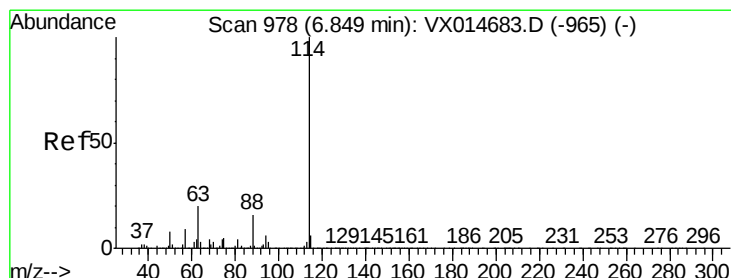
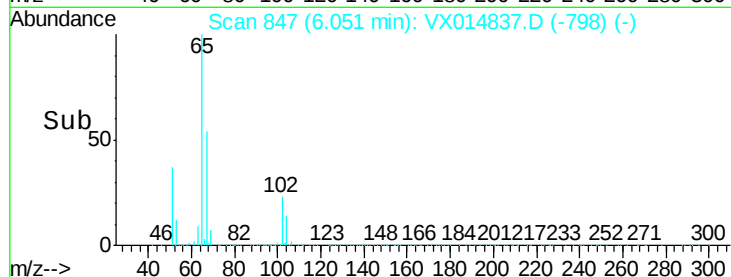
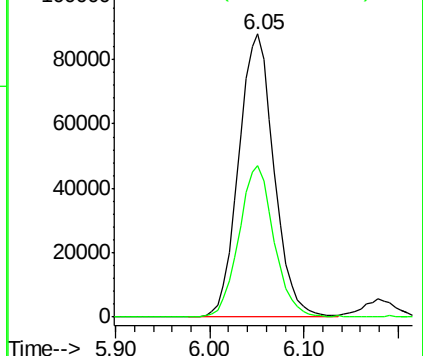
65 100

67 52.7 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

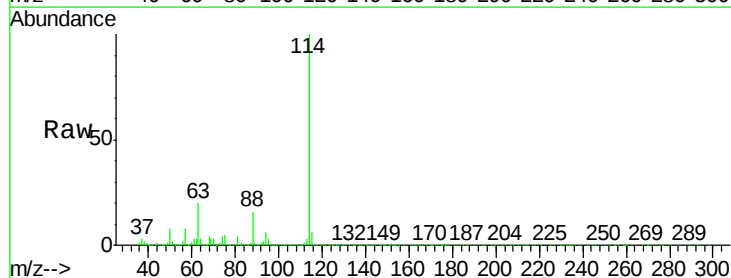
Tgt Ion: 114 Resp: 598499

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.6

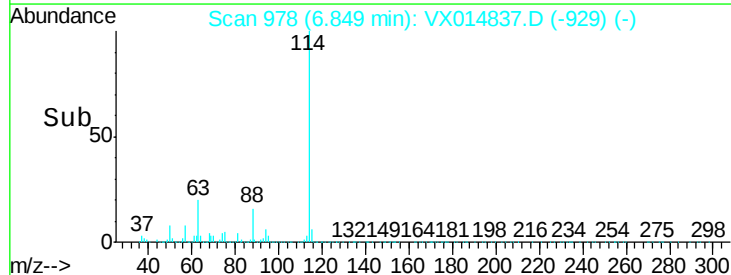
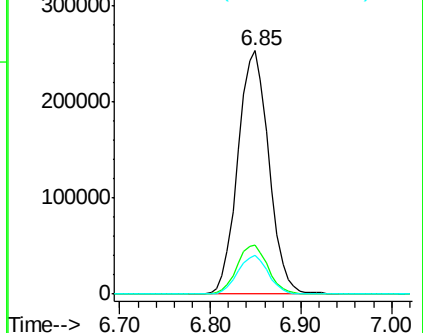
88 15.6 0.0 31.2

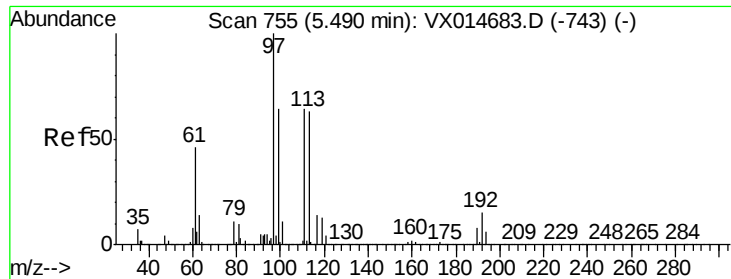


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

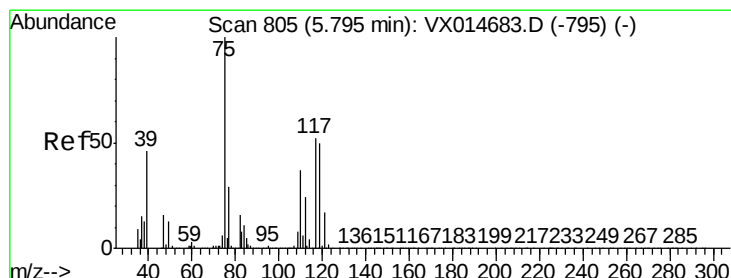
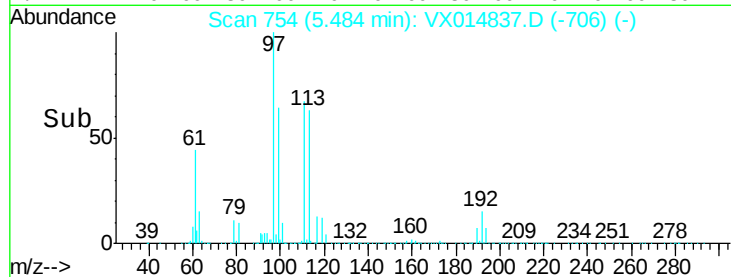
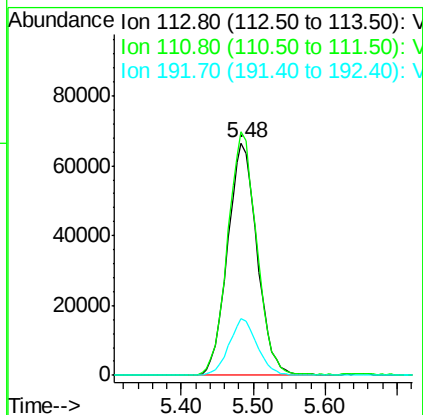
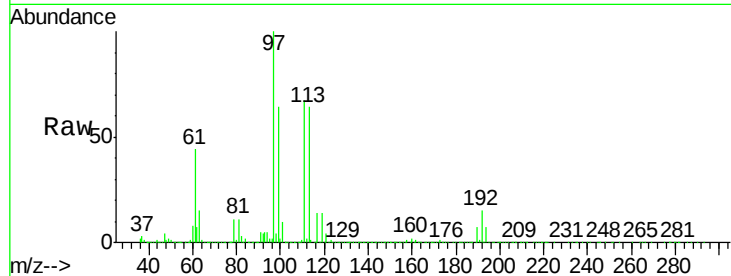




#35
 Dibromofluoromethane
 Concen: 49.77 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX014837.D
 Acq: 06 Feb 2020 10:25

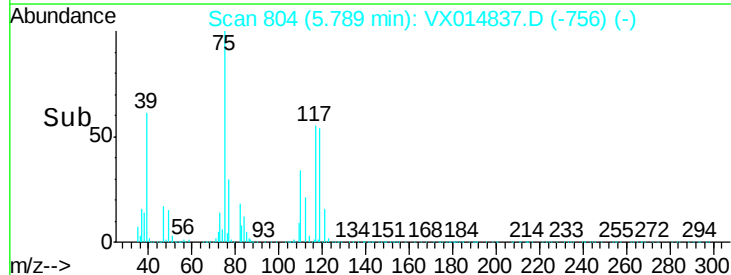
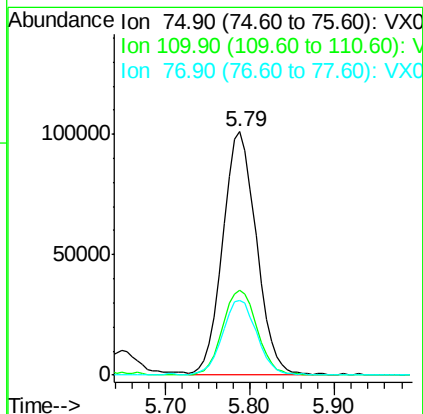
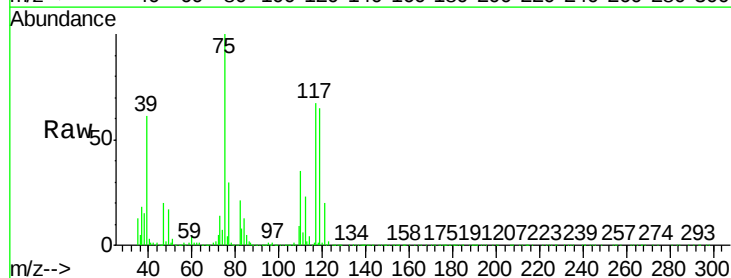
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

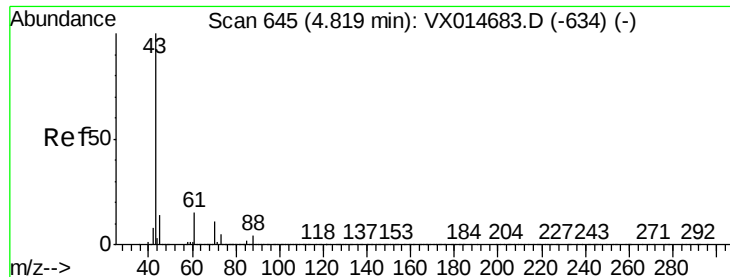
Tgt Ion: 113 Resp: 187946
 Ion Ratio Lower Upper
 113 100
 111 103.7 80.7 121.1
 192 23.1 18.5 27.7



#36
 1,1-Dichloropropene
 Concen: 49.17 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX014837.D
 Acq: 06 Feb 2020 10:25

Tgt Ion: 75 Resp: 273428
 Ion Ratio Lower Upper
 75 100
 110 35.8 17.9 53.7
 77 31.0 24.1 36.1

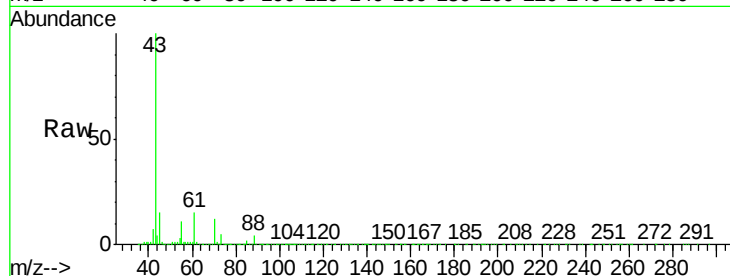




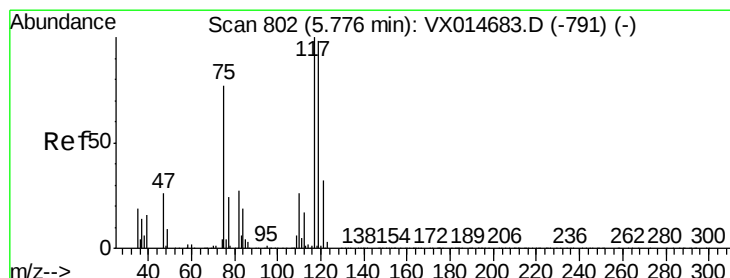
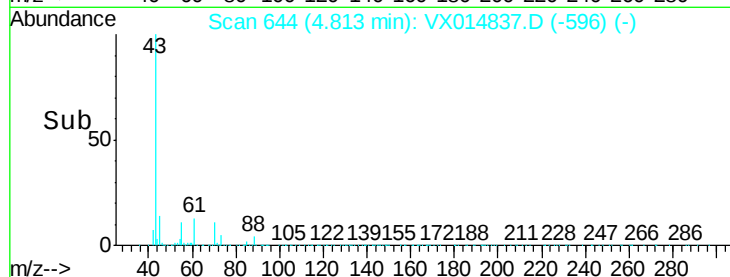
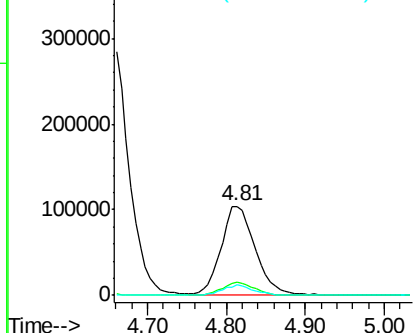
#37
 Ethyl Acetate
 Concen: 48.37 ug/l
 RT: 4.81 min Scan# 644
 Delta R.T. -0.01 min
 Lab File: VX014837.D
 Acq: 06 Feb 2020 10:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	43	Resp:	308119
Ion	Ratio	Lower	Upper
43	100		
61	13.2	11.0	16.4
70	10.4	8.5	12.7

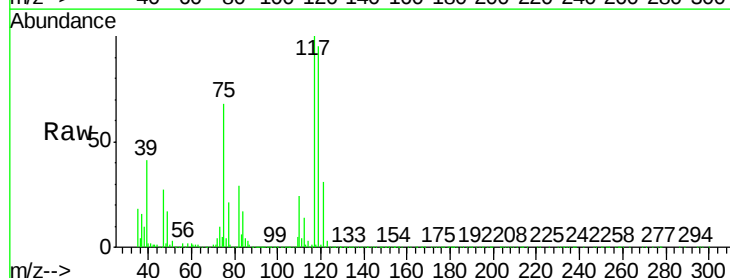


Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 70.00 (69.70 to 70.70): VX0

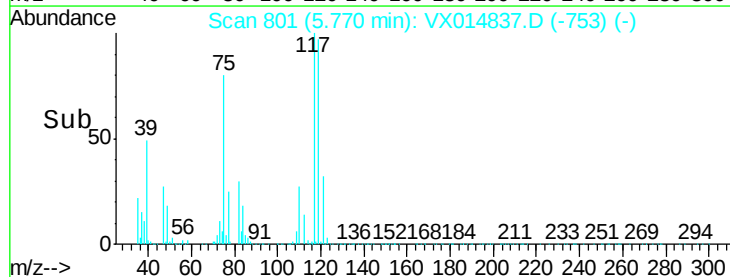
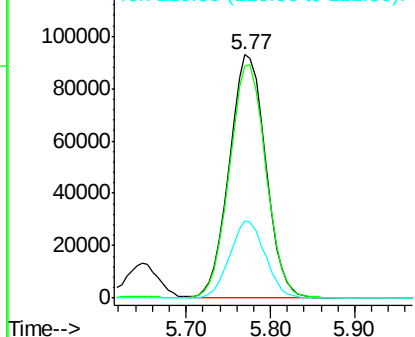


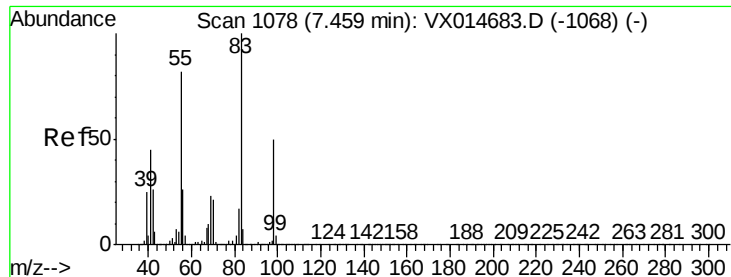
#38
 Carbon Tetrachloride
 Concen: 51.00 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: VX014837.D
 Acq: 06 Feb 2020 10:25

Tgt Ion:	117	Resp:	270851
Ion	Ratio	Lower	Upper
117	100		
119	95.2	77.9	116.9
121	31.5	25.4	38.2



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V

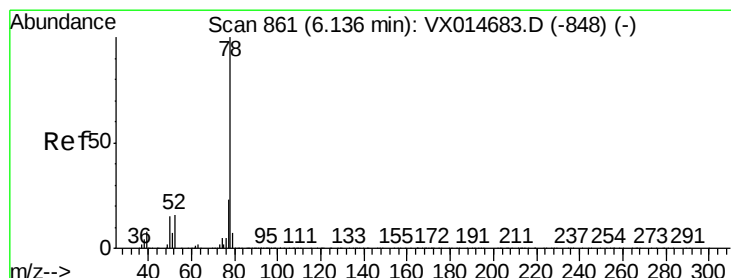
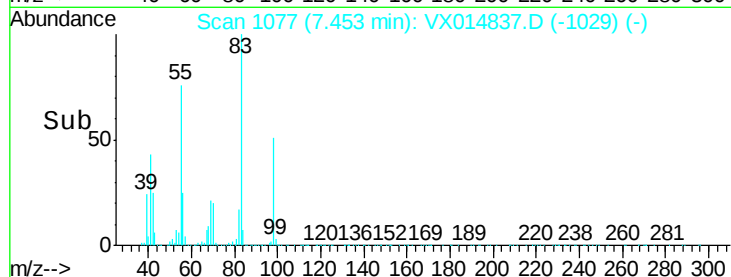
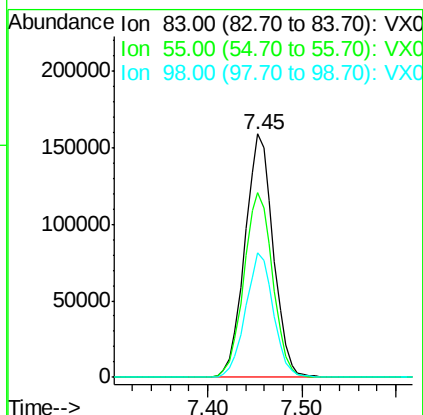
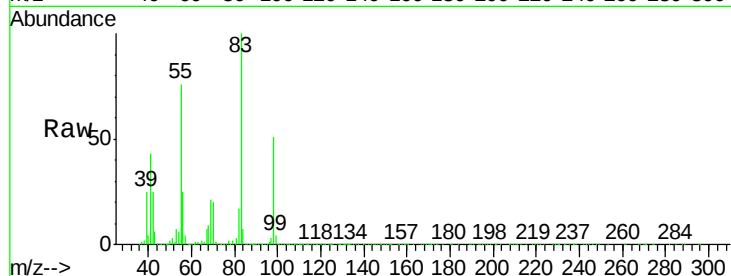




#39
Methylcyclohexane
Concen: 48.14 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014837.D
Acq: 06 Feb 2020 10:25

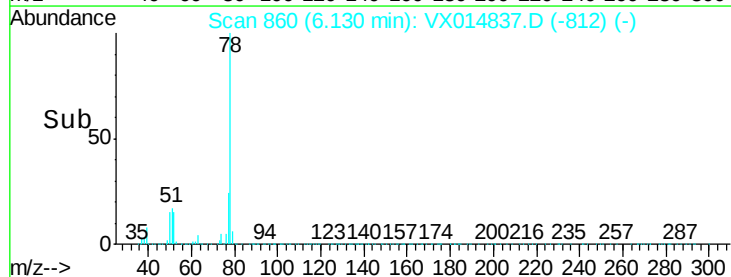
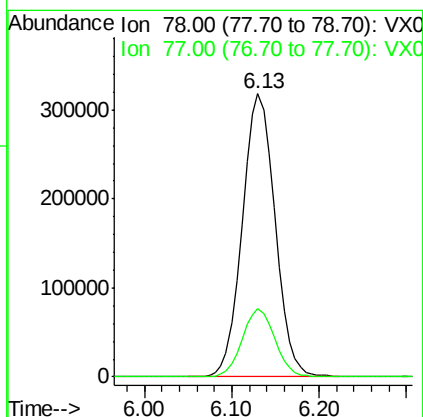
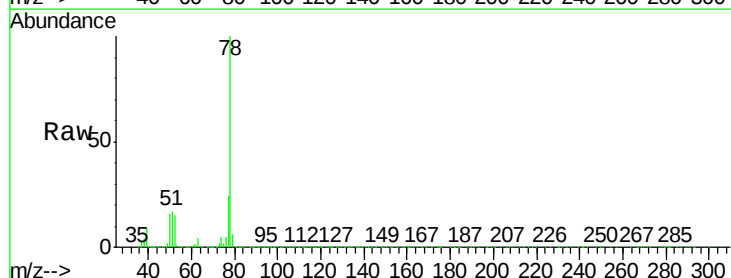
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

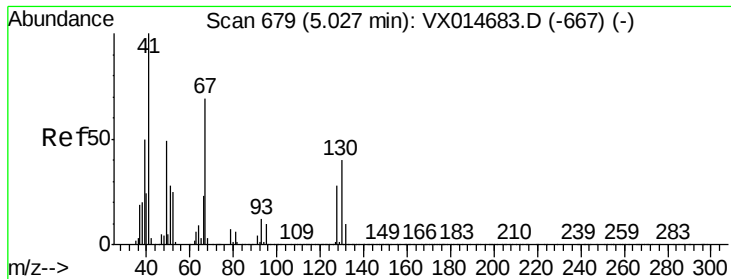
Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.9	65.6	98.4
98	51.0	40.2	60.4



#40
Benzene
Concen: 48.18 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014837.D
Acq: 06 Feb 2020 10:25

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.7	28.1

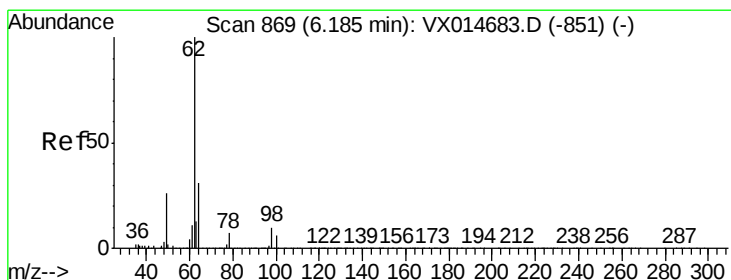
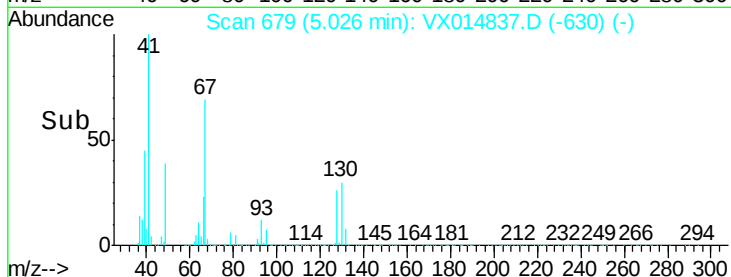
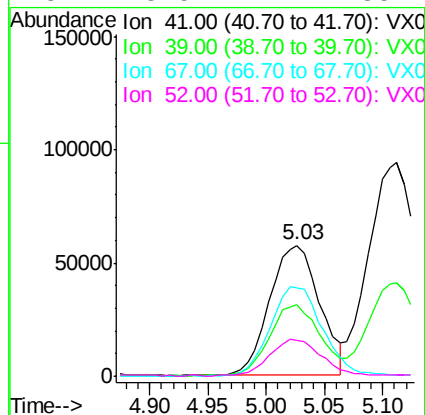
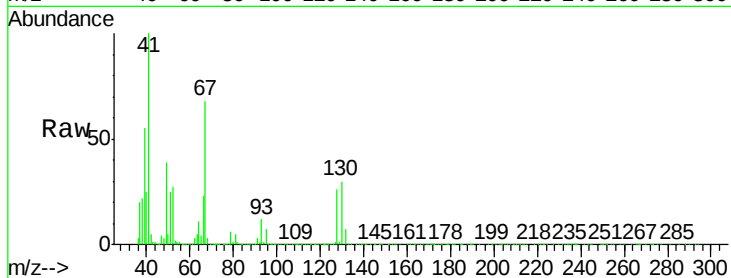




#41
Methacrylonitrile
Concen: 47.21 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014837.D
Acq: 06 Feb 2020 10:25

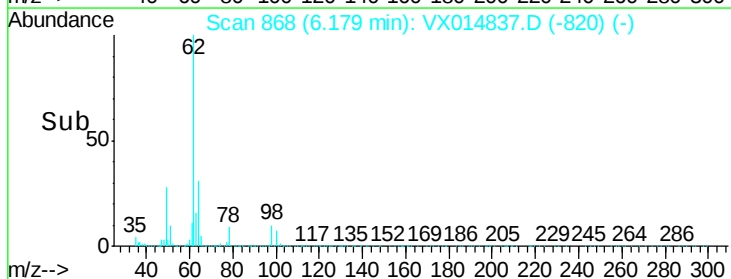
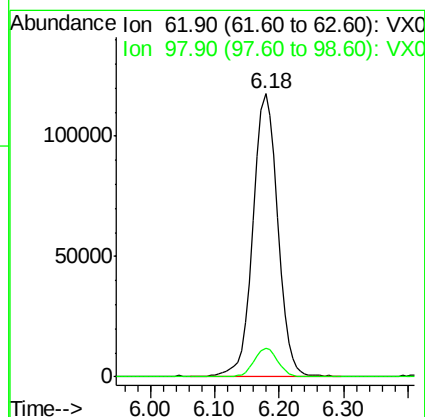
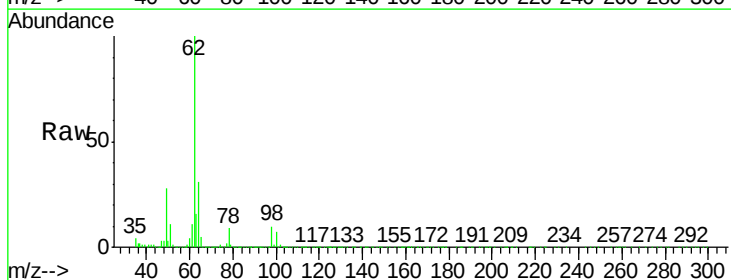
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

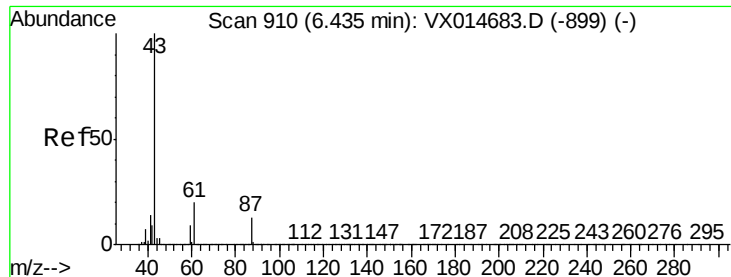
Tgt Ion:	41	Resp:	171599
Ion	Ratio	Lower	Upper
41	100		
39	54.2	42.2	63.2
67	72.3	55.4	83.0
52	28.5	22.1	33.1



#42
1,2-Dichloroethane
Concen: 52.31 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014837.D
Acq: 06 Feb 2020 10:25

Tgt Ion:	62	Resp:	310409
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	20.0





#43

Isopropyl Acetate

Concen: 50.15 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

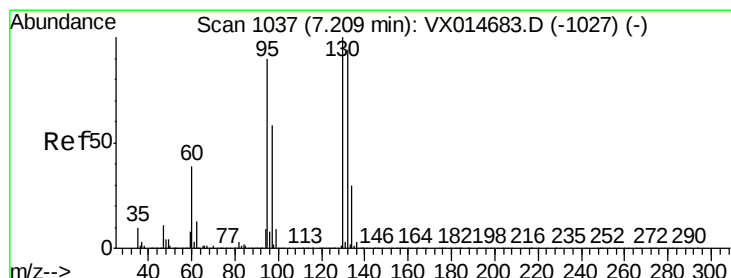
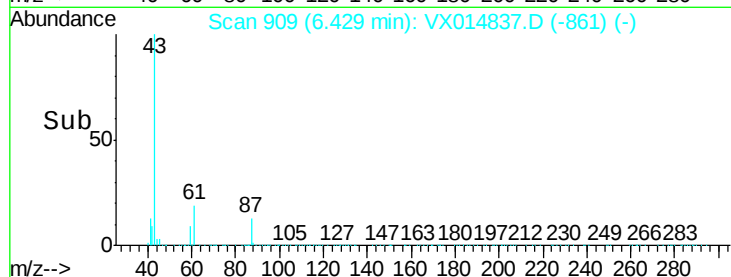
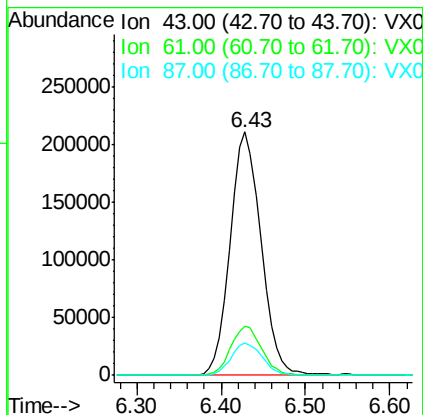
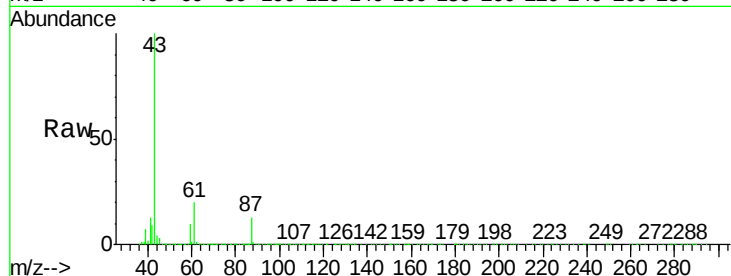
Tgt Ion: 43 Resp: 523114

Ion Ratio Lower Upper

43 100

61 19.9 16.2 24.4

87 13.2 10.5 15.7



#44

Trichloroethene

Concen: 48.19 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014837.D

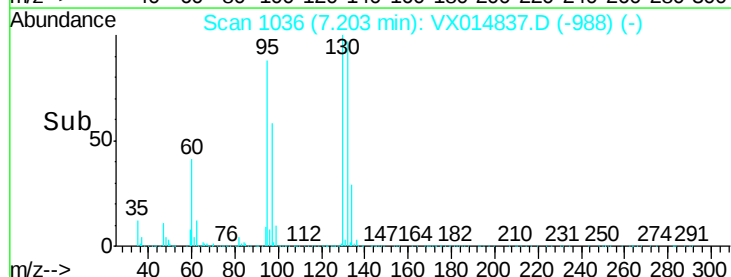
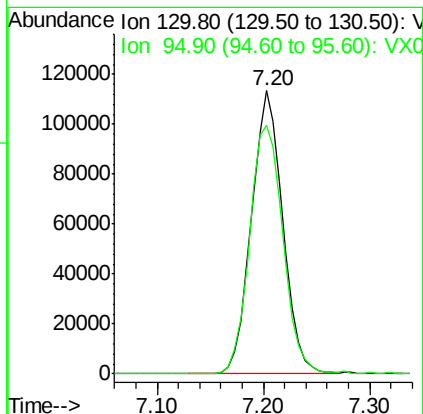
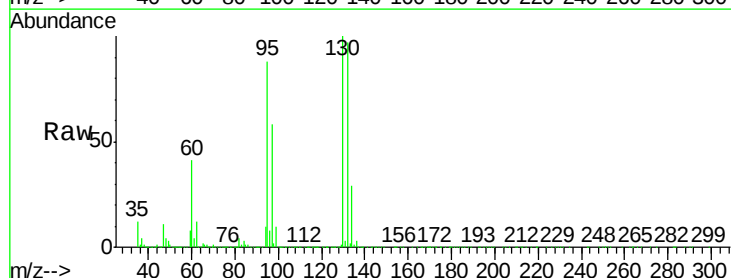
Acq: 06 Feb 2020 10:25

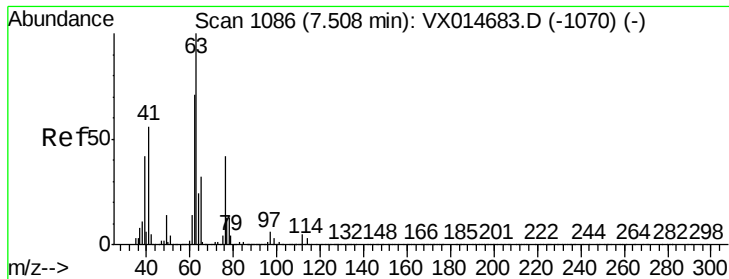
Tgt Ion: 130 Resp: 233895

Ion Ratio Lower Upper

130 100

95 87.9 0.0 179.8

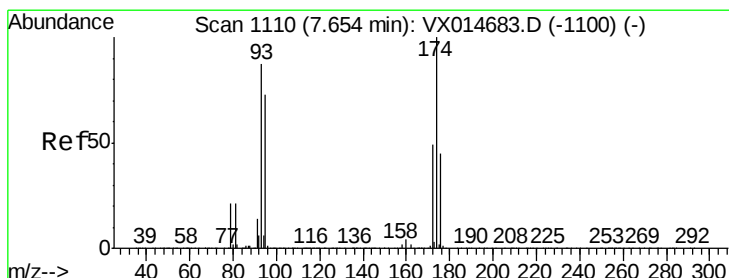
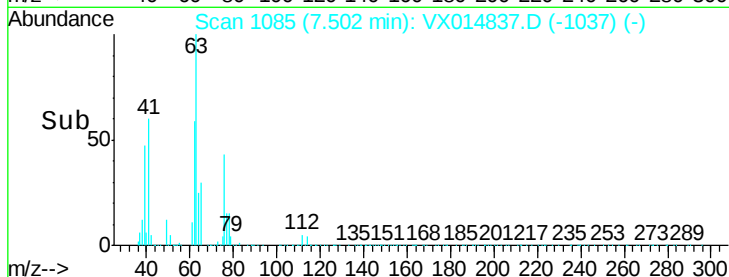
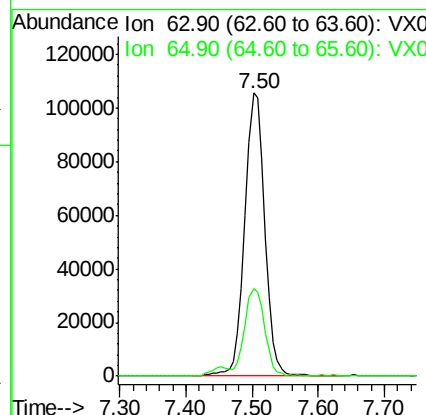
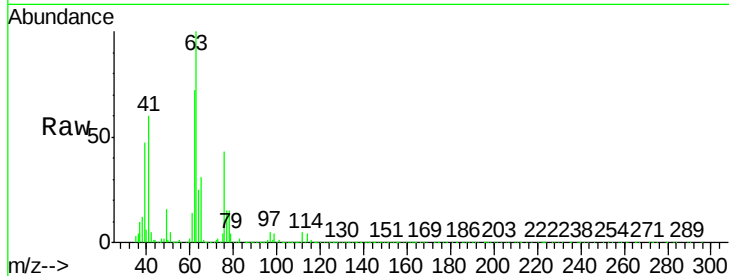




#45
 1,2-Dichloropropane
 Concen: 49.90 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014837.D
 Acq: 06 Feb 2020 10:25

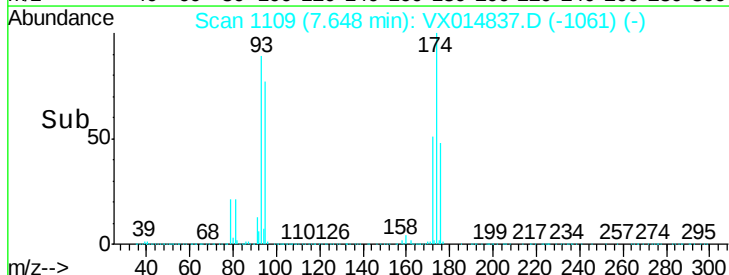
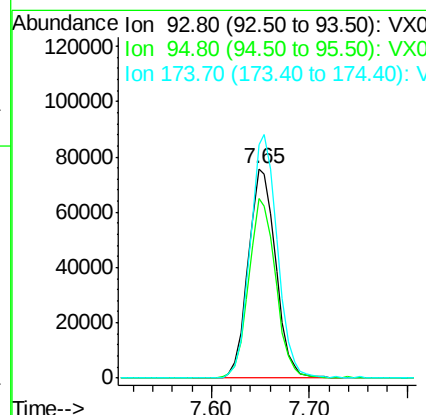
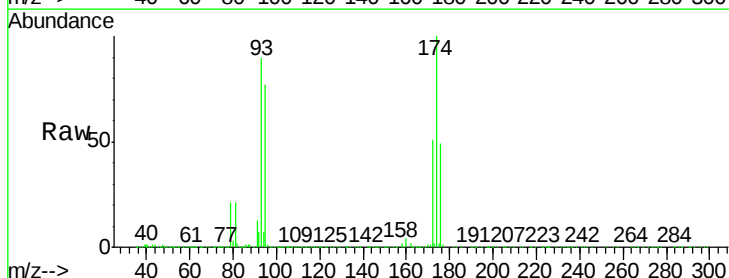
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

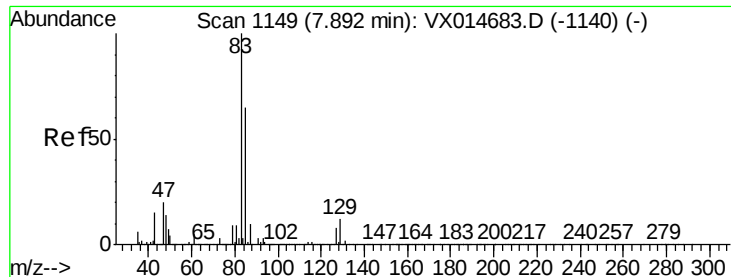
Tgt Ion: 63 Resp: 220882
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.2 37.8



#46
 Dibromomethane
 Concen: 51.51 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX014837.D
 Acq: 06 Feb 2020 10:25

Tgt Ion: 93 Resp: 147688
 Ion Ratio Lower Upper
 93 100
 95 84.3 67.0 100.4
 174 114.6 90.2 135.2





#47

Bromodichloromethane

Concen: 52.84 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

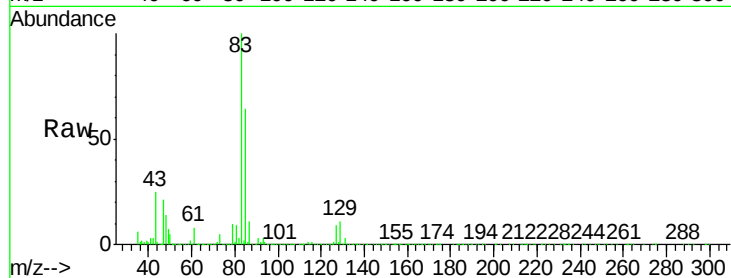
Tgt Ion: 83 Resp: 297115

Ion Ratio Lower Upper

83 100

85 64.2 52.2 78.2

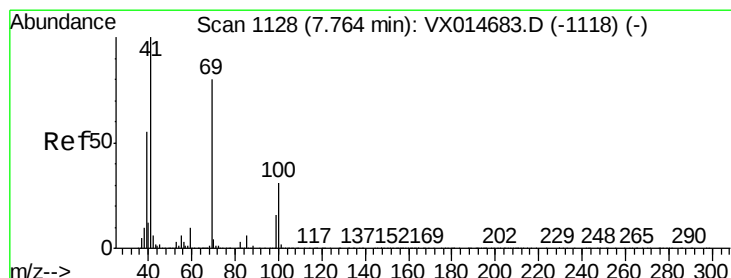
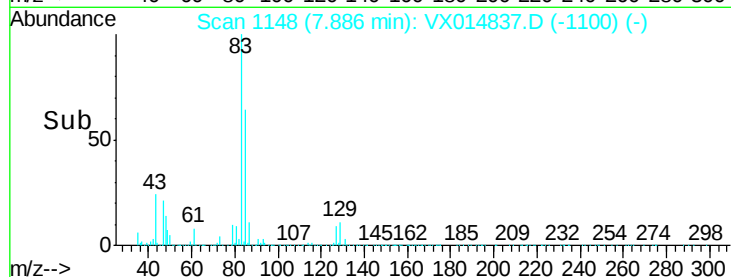
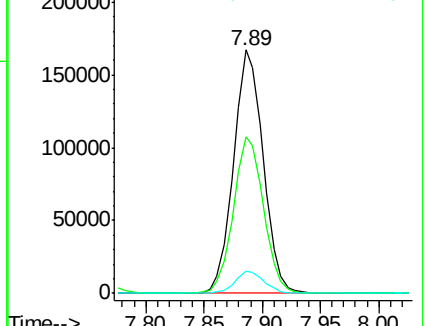
127 8.8 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 51.39 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

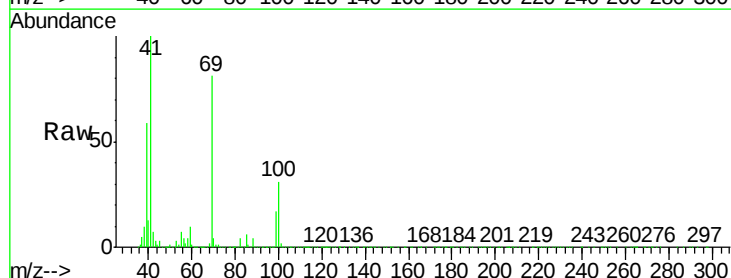
Tgt Ion: 41 Resp: 256121

Ion Ratio Lower Upper

41 100

69 81.3 63.5 95.3

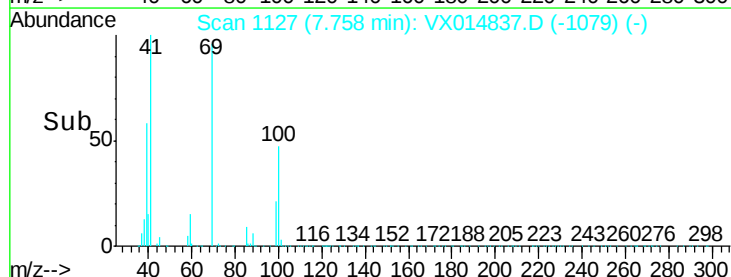
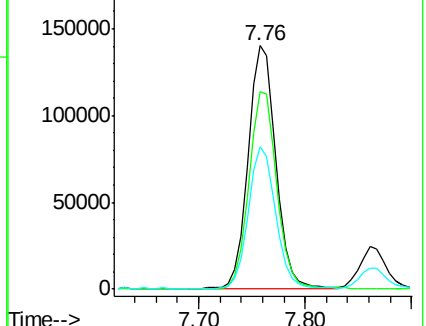
39 57.5 43.7 65.5

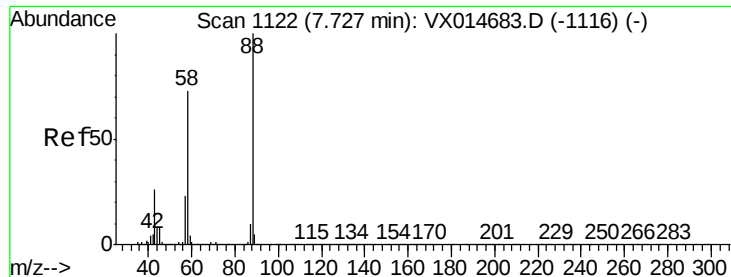


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 910.97 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

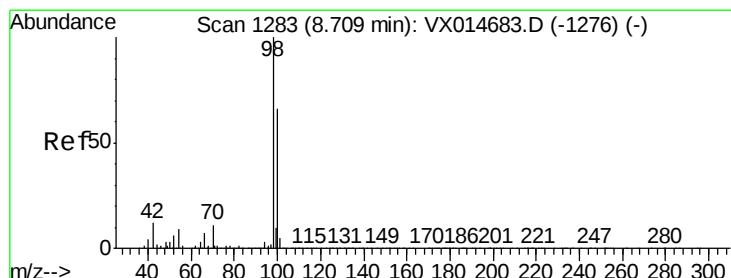
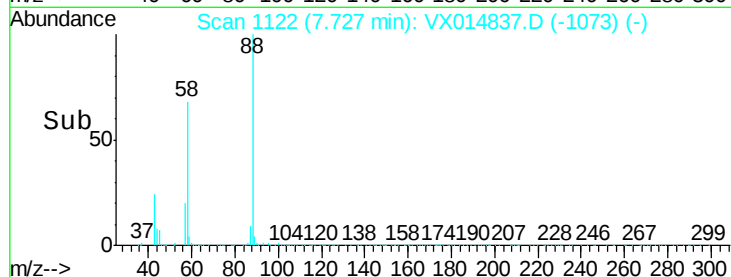
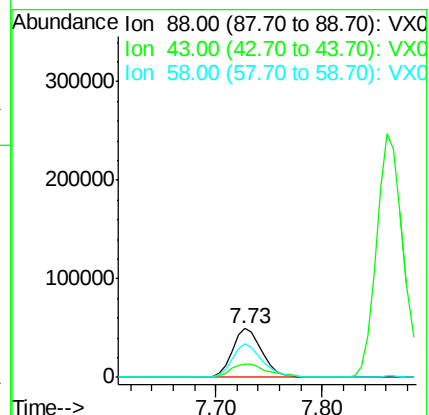
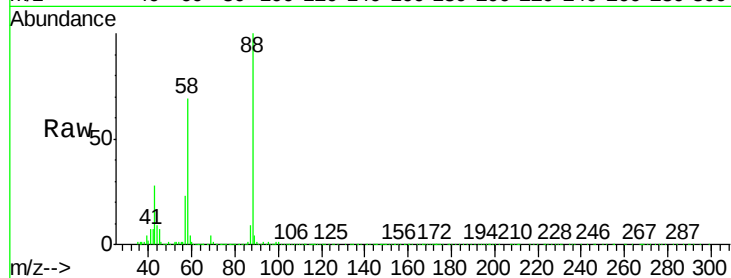
Tgt Ion: 88 Resp: 96235

Ion Ratio Lower Upper

88 100

43 33.7 26.2 39.2

58 69.2 56.6 85.0



#50

Toluene-d8

Concen: 48.31 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014837.D

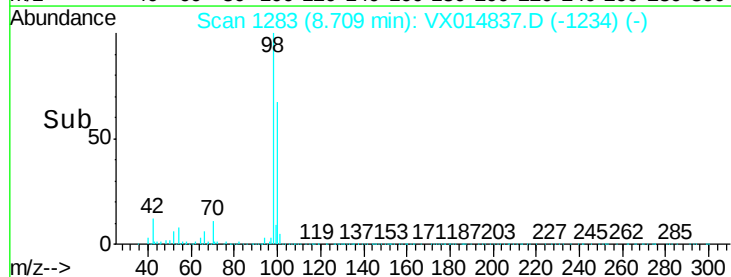
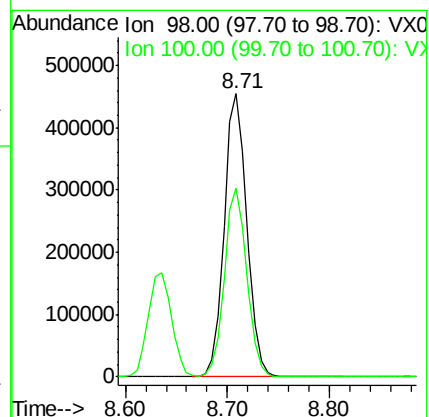
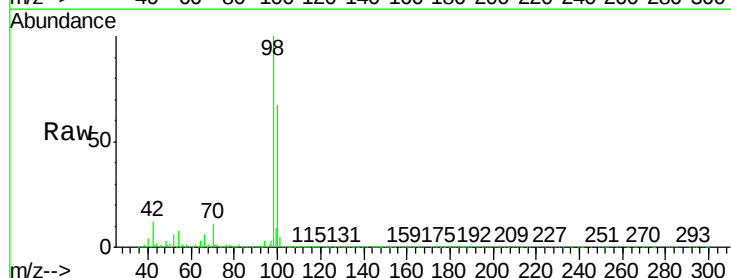
Acq: 06 Feb 2020 10:25

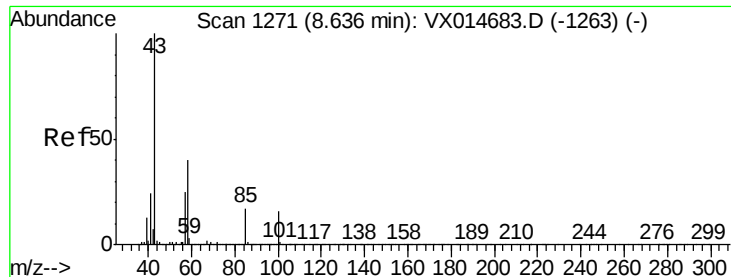
Tgt Ion: 98 Resp: 701389

Ion Ratio Lower Upper

98 100

100 65.9 53.0 79.6

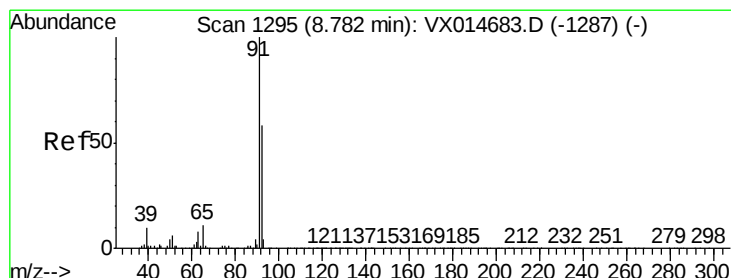
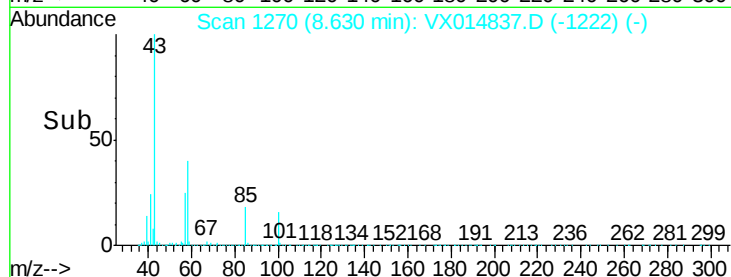
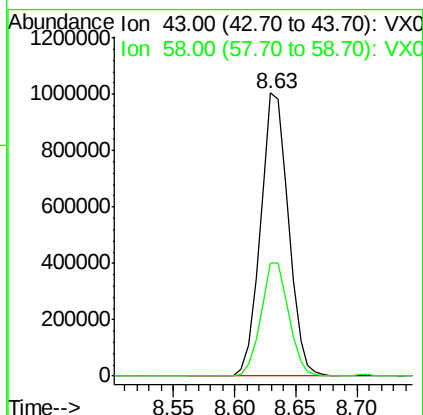
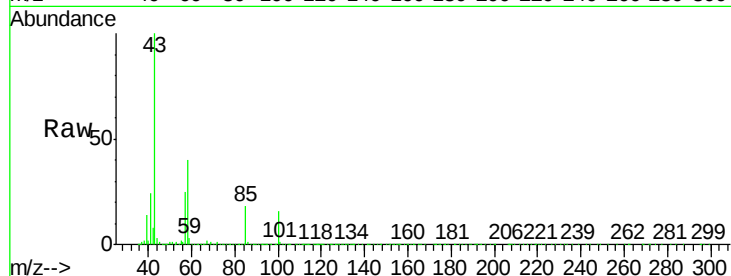




#51
 4-Methyl-2-Pentanone
 Concen: 242.50 ug/l
 RT: 8.63 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: VX014837.D
 Acq: 06 Feb 2020 10:25

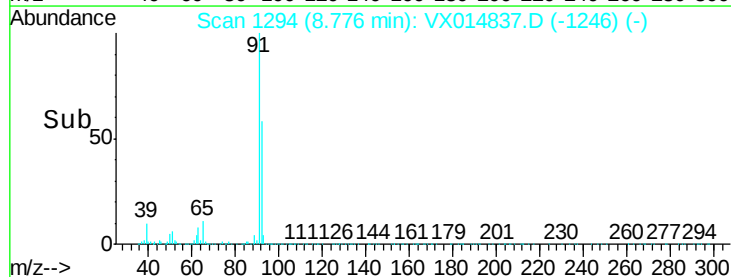
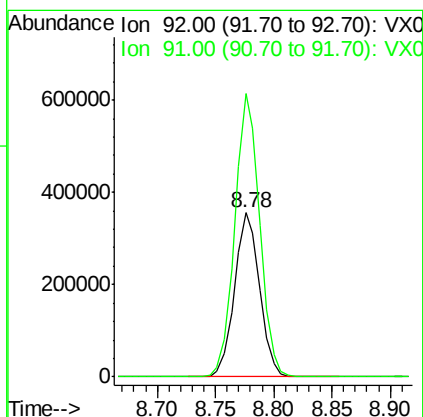
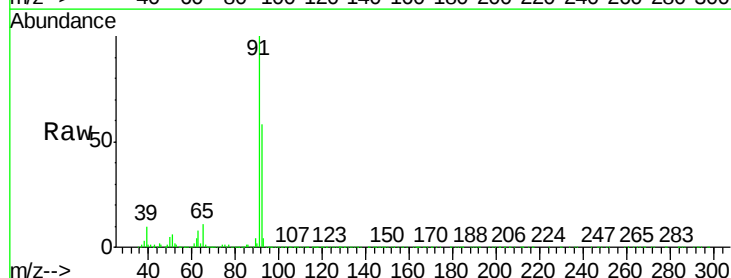
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

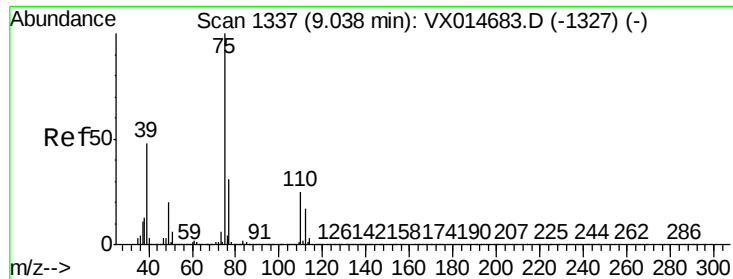
Tgt Ion: 43 Resp: 1596425
 Ion Ratio Lower Upper
 43 100
 58 39.9 31.6 47.4



#52
 Toluene
 Concen: 50.30 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: VX014837.D
 Acq: 06 Feb 2020 10:25

Tgt Ion: 92 Resp: 531325
 Ion Ratio Lower Upper
 92 100
 91 171.8 135.9 203.9

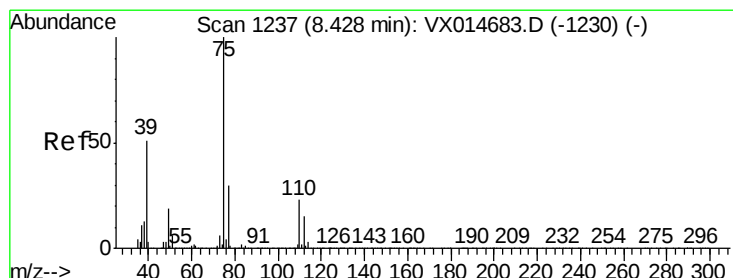
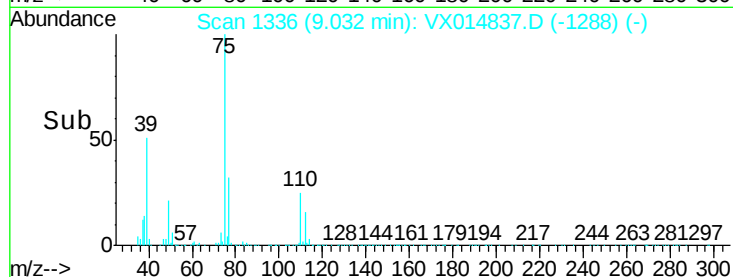
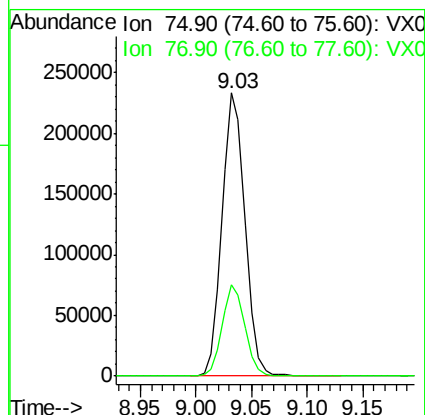
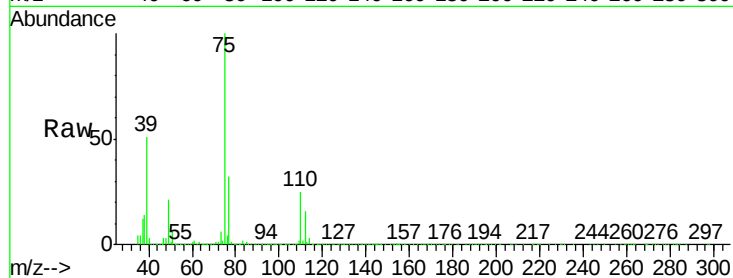




#53
t-1,3-Dichloropropene
Concen: 54.89 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014837.D
Acq: 06 Feb 2020 10:25

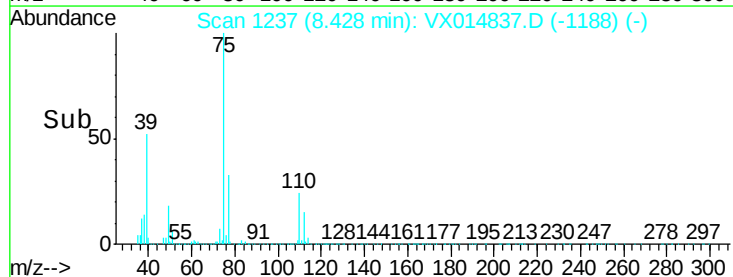
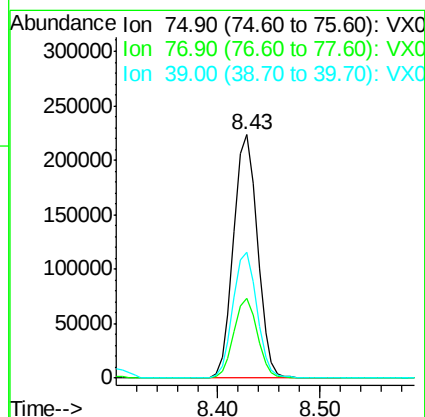
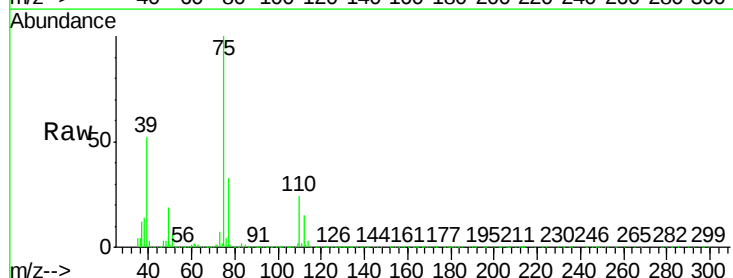
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

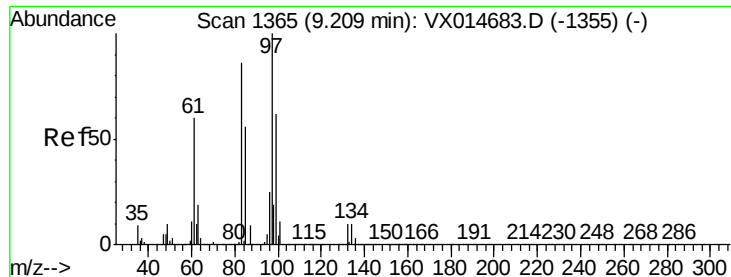
Tgt Ion: 75 Resp: 332358
Ion Ratio Lower Upper
75 100
77 32.1 24.9 37.3



#54
cis-1,3-Dichloropropene
Concen: 54.35 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014837.D
Acq: 06 Feb 2020 10:25

Tgt Ion: 75 Resp: 362037
Ion Ratio Lower Upper
75 100
77 32.5 23.9 35.9
39 51.9 40.9 61.3





#55

1,1,2-Trichloroethane

Concen: 52.70 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 227915

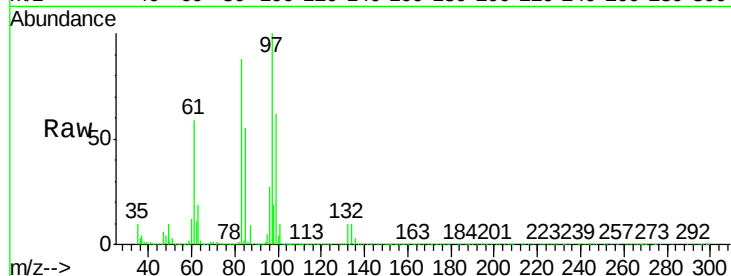
Ion Ratio Lower Upper

97 100

83 87.7 69.2 103.8

85 54.9 44.6 67.0

99 62.4 50.1 75.1

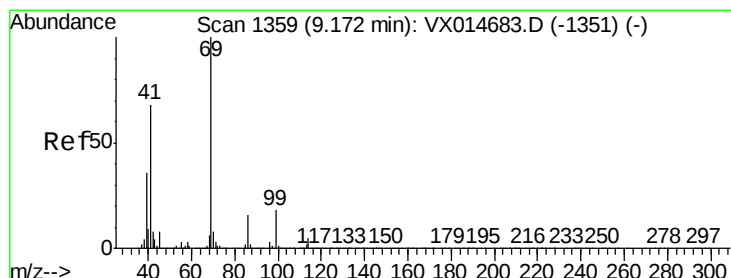
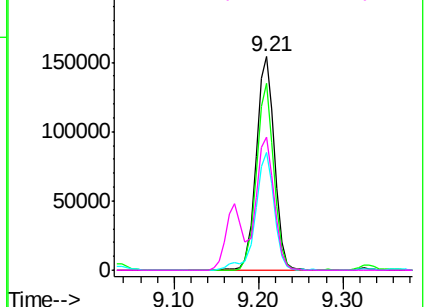
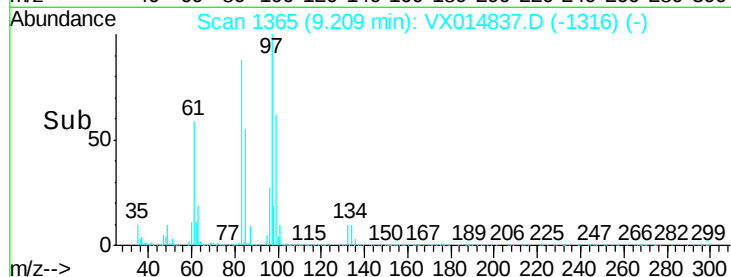


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 48.11 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

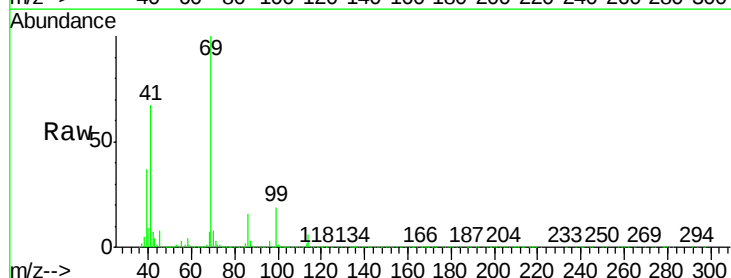
Tgt Ion: 69 Resp: 352195

Ion Ratio Lower Upper

69 100

41 69.0 54.9 82.3

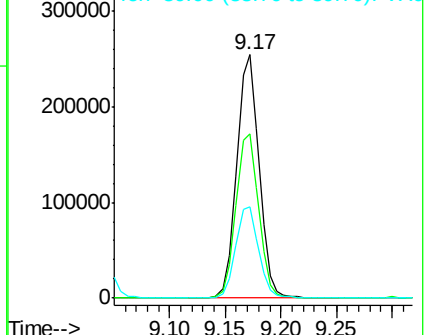
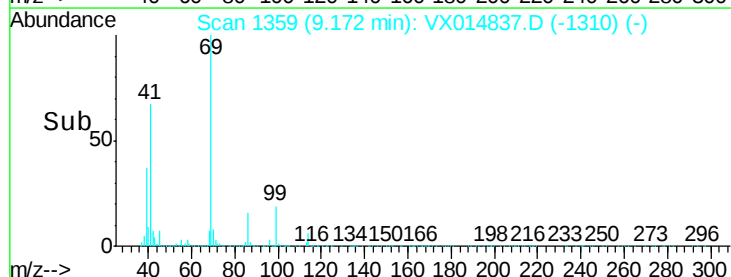
39 38.5 29.3 43.9

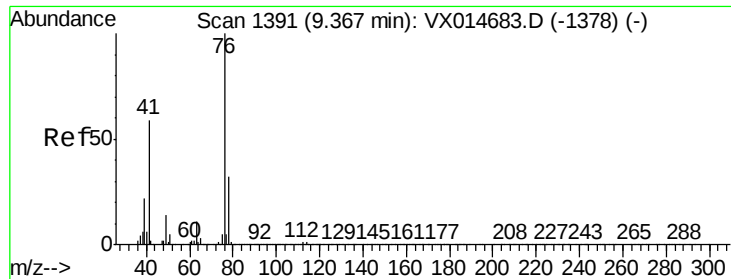


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

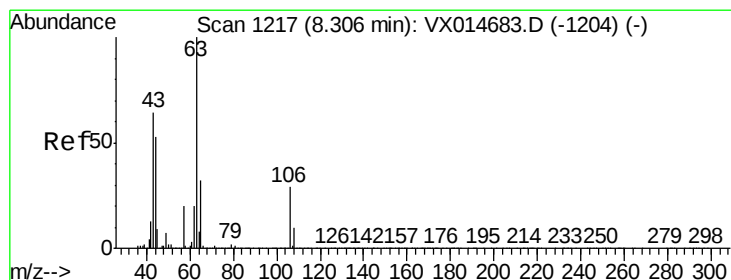
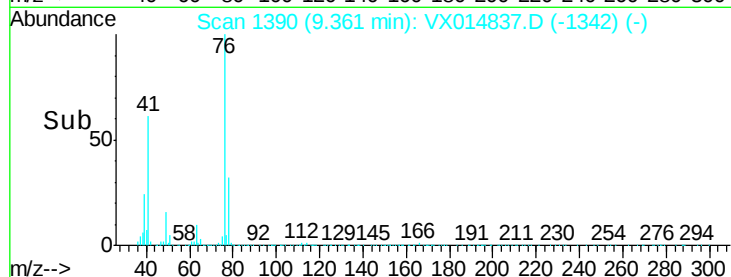
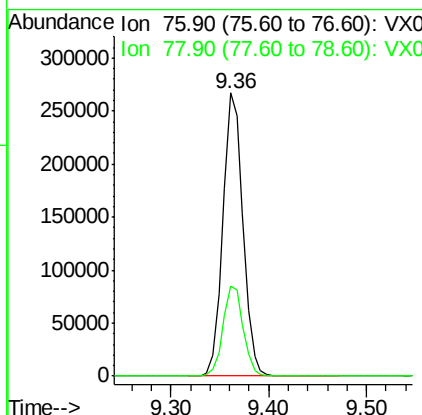
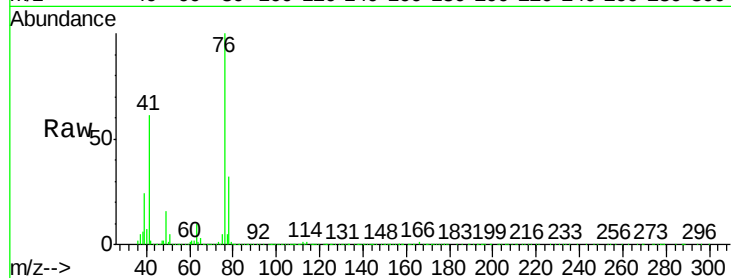




#57
 1,3-Dichloropropane
 Concen: 51.42 ug/l
 RT: 9.36 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX014837.D
 Acq: 06 Feb 2020 10:25

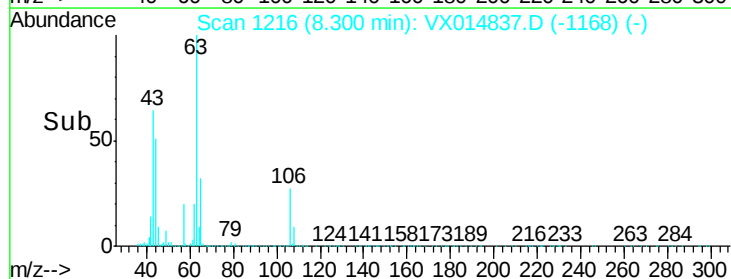
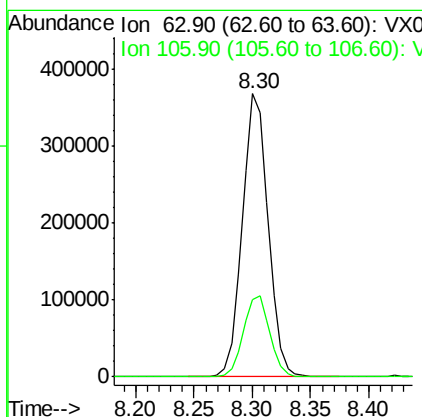
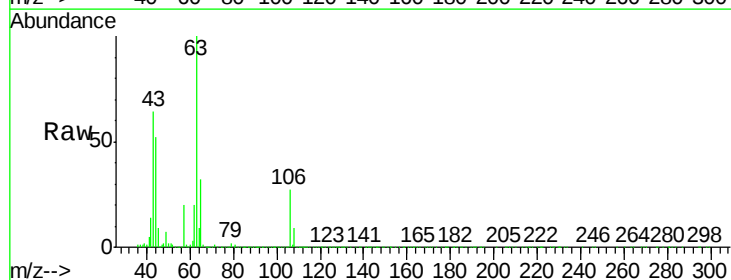
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

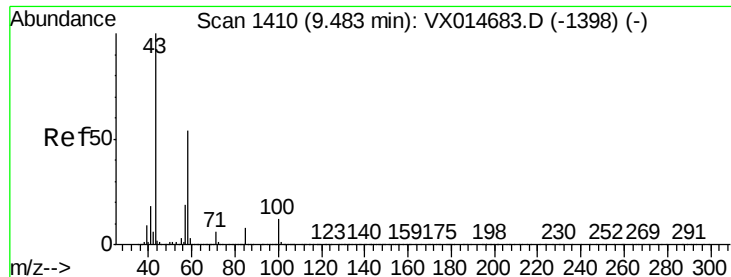
Tgt Ion: 76 Resp: 380095
 Ion Ratio Lower Upper
 76 100
 78 31.9 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 262.31 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX014837.D
 Acq: 06 Feb 2020 10:25

Tgt Ion: 63 Resp: 570492
 Ion Ratio Lower Upper
 63 100
 106 29.3 22.7 34.1

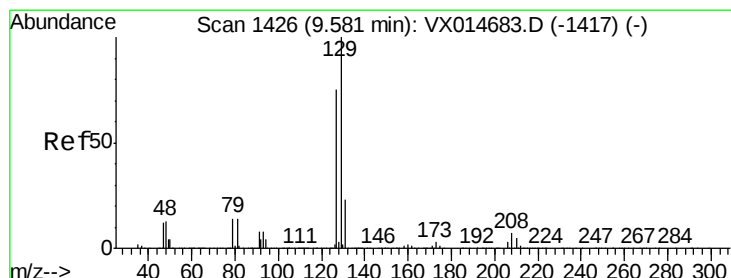
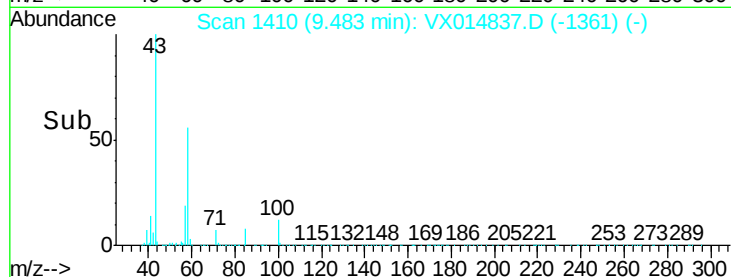
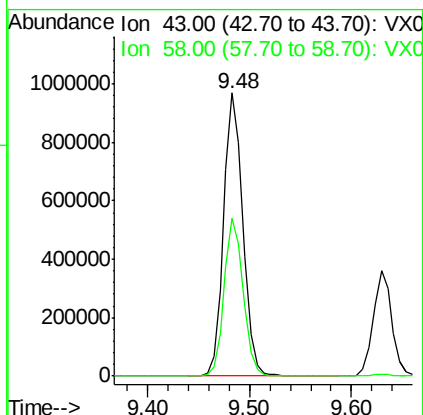
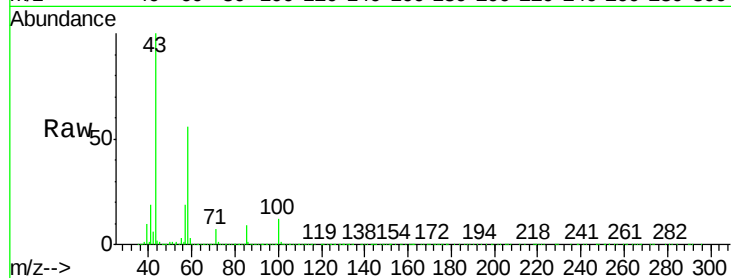




#59
2-Hexanone
Concen: 248.56 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX014837.D
Acq: 06 Feb 2020 10:25

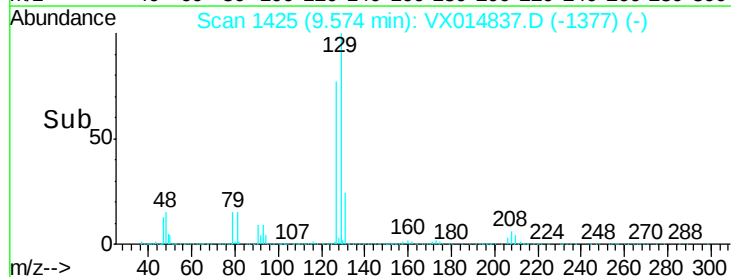
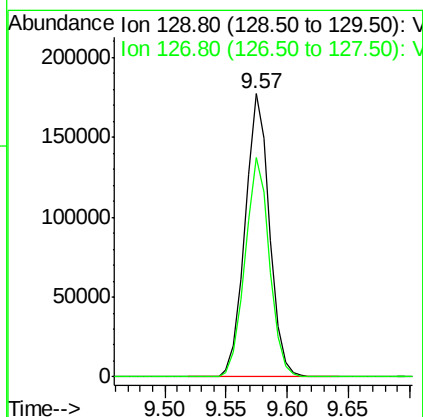
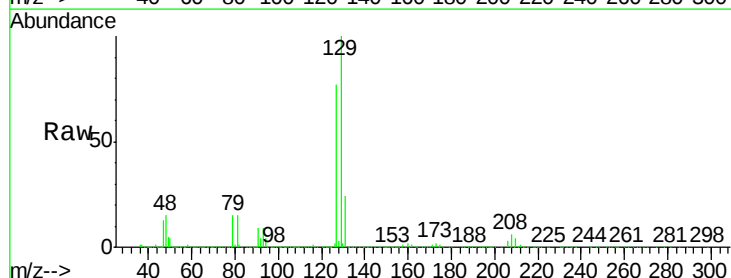
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

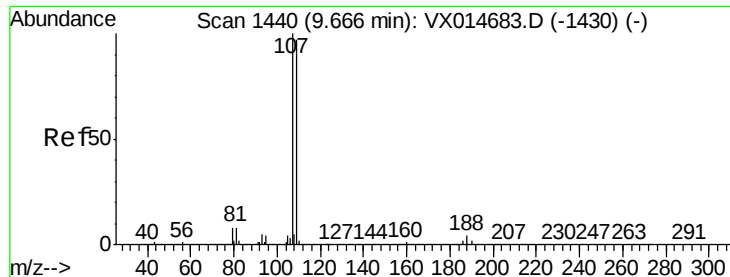
Tgt Ion: 43 Resp: 1269767
Ion Ratio Lower Upper
43 100
58 55.4 27.2 81.5



#60
Dibromochloromethane
Concen: 54.22 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014837.D
Acq: 06 Feb 2020 10:25

Tgt Ion: 129 Resp: 244746
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5

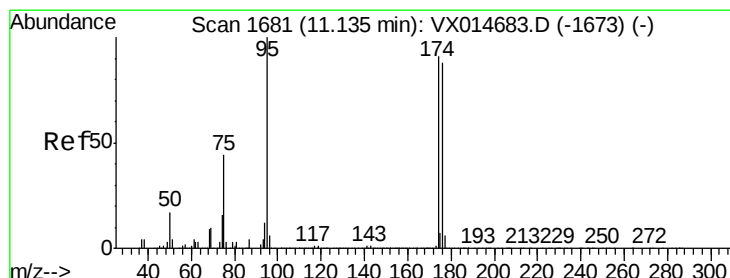
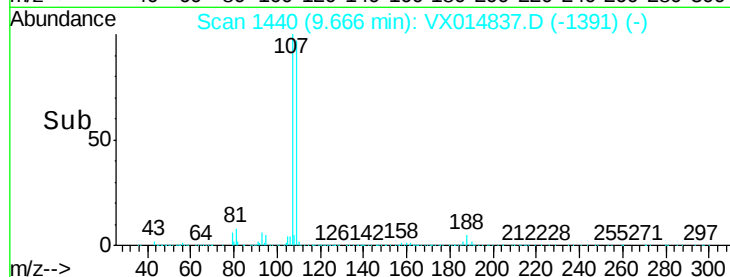
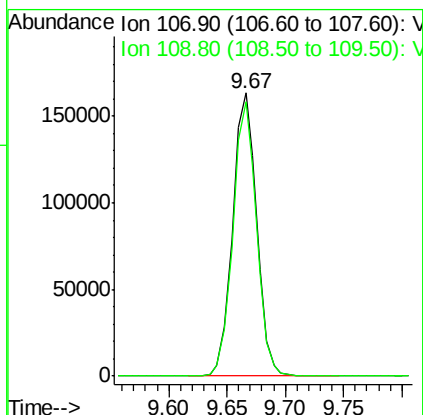
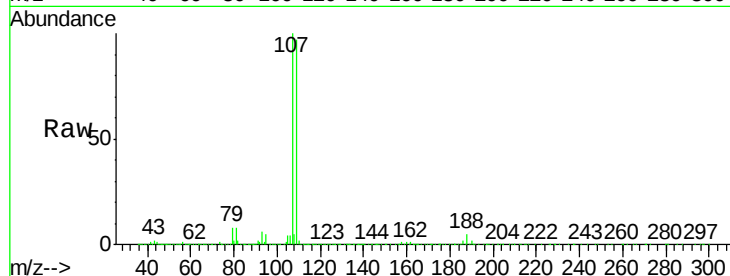




#61
 1,2-Dibromoethane
 Concen: 51.18 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX014837.D
 Acq: 06 Feb 2020 10:25

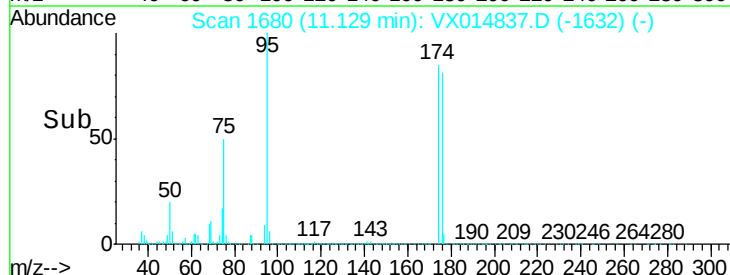
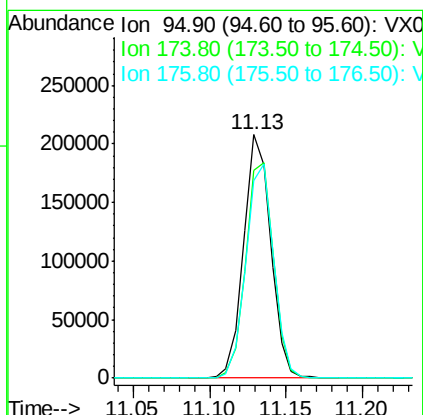
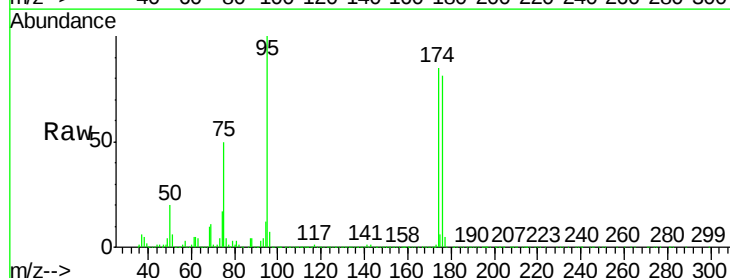
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

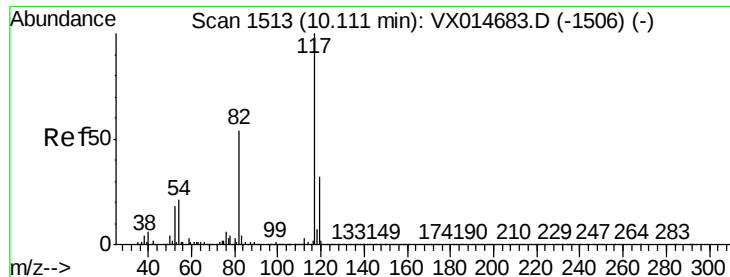
Tgt Ion: 107 Resp: 233993
 Ion Ratio Lower Upper
 107 100
 109 95.4 76.2 114.2



#62
 4-Bromofluorobenzene
 Concen: 49.43 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: VX014837.D
 Acq: 06 Feb 2020 10:25

Tgt Ion: 95 Resp: 255618
 Ion Ratio Lower Upper
 95 100
 174 91.5 0.0 176.0
 176 90.3 0.0 172.2

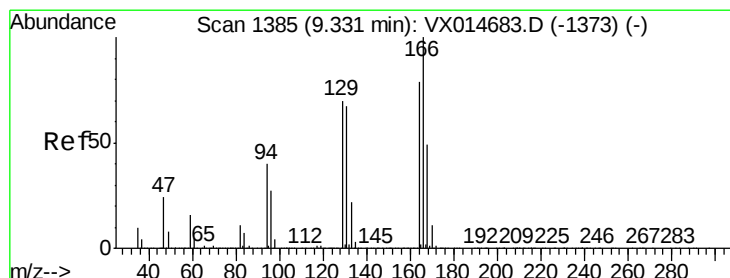
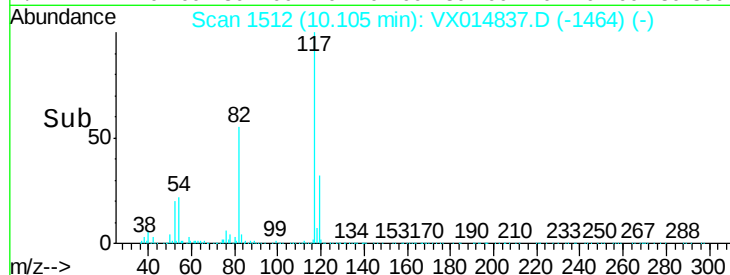
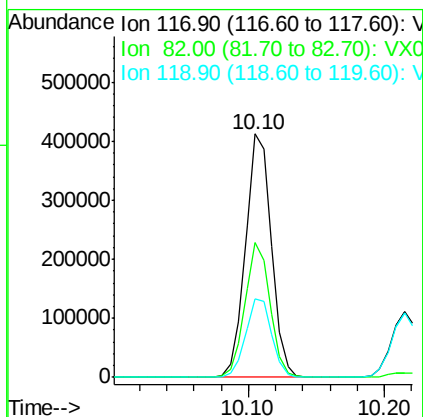
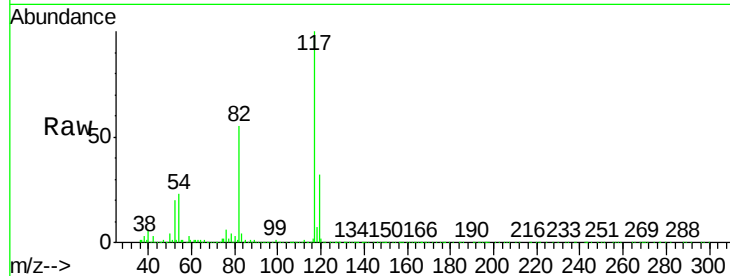




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014837.D
Acq: 06 Feb 2020 10:25

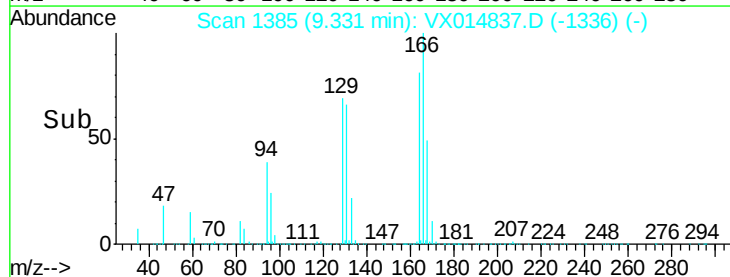
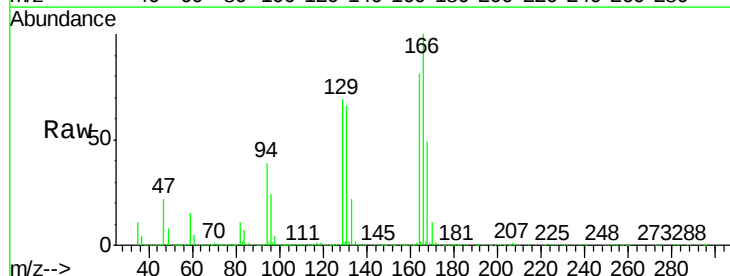
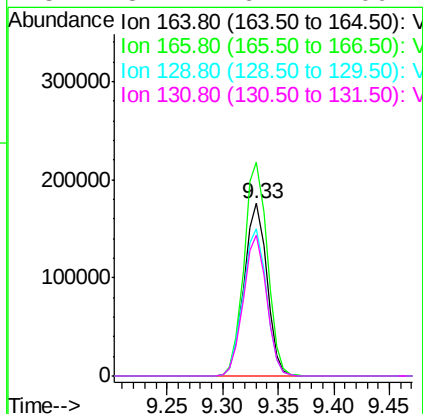
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

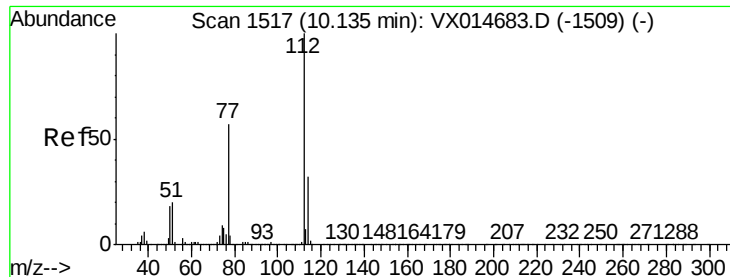
Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.1	43.2	64.8
119	32.4	25.8	38.6



#64
Tetrachloroethene
Concen: 46.23 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014837.D
Acq: 06 Feb 2020 10:25

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.7	100.9	151.3
129	85.4	71.0	106.6
131	81.7	67.1	100.7





#65

Chlorobenzene

Concen: 50.21 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

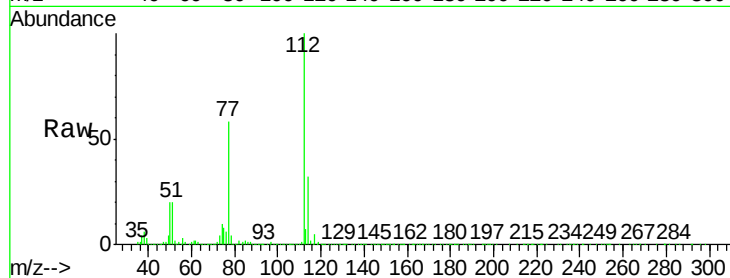
VSTDCCC050

Tgt Ion:112 Resp: 589265

Ion Ratio Lower Upper

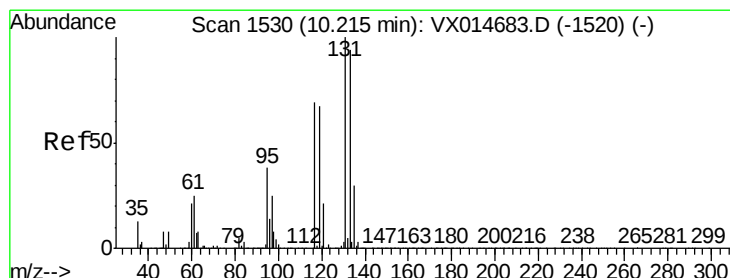
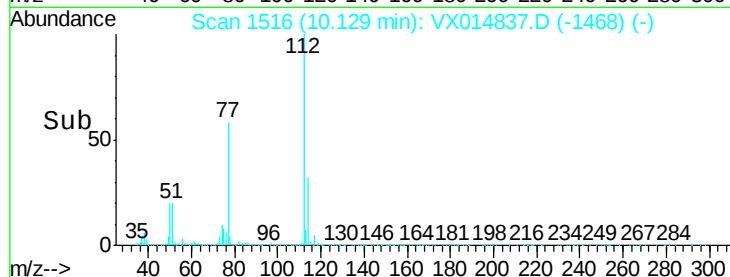
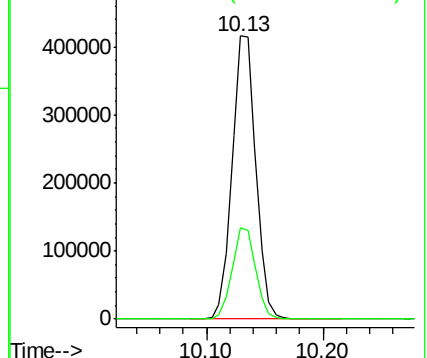
112 100

114 32.2 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 52.78 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

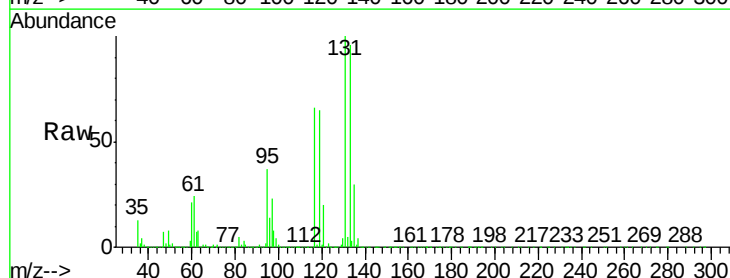
Tgt Ion:131 Resp: 228389

Ion Ratio Lower Upper

131 100

133 93.6 47.4 142.3

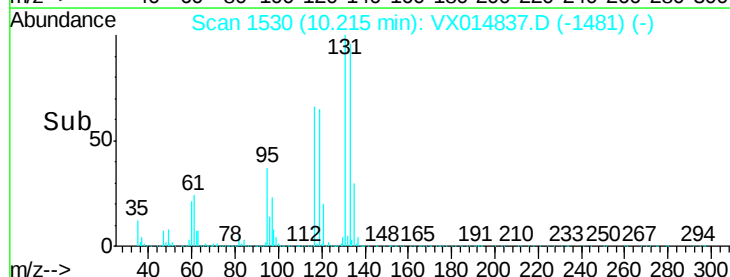
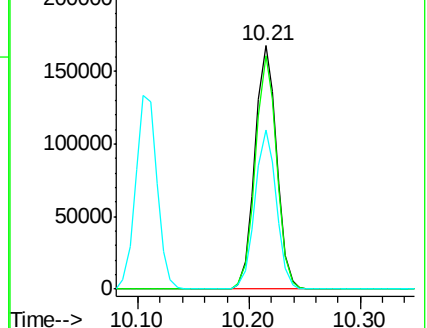
119 64.4 33.3 99.8

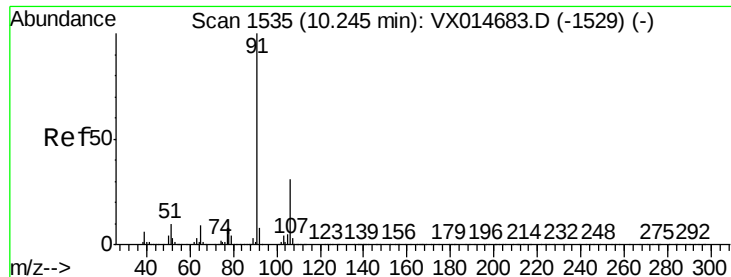


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 51.36 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

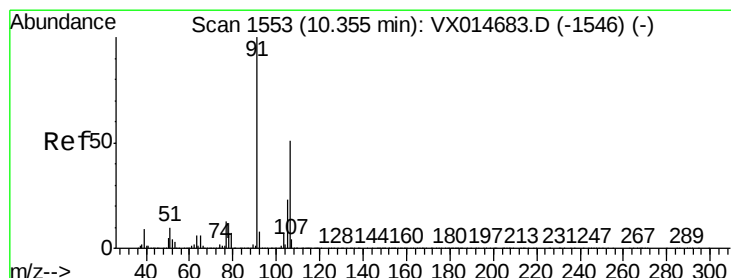
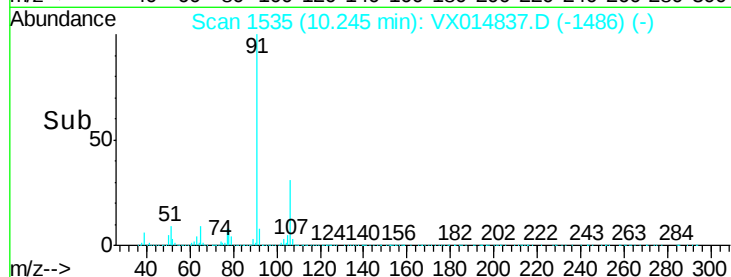
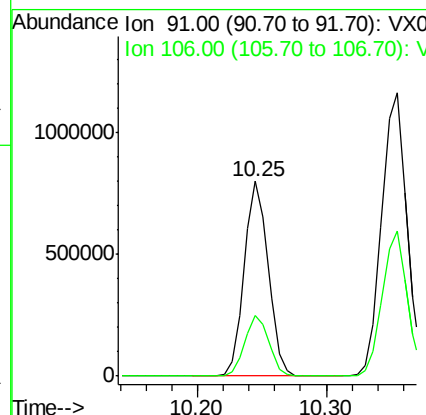
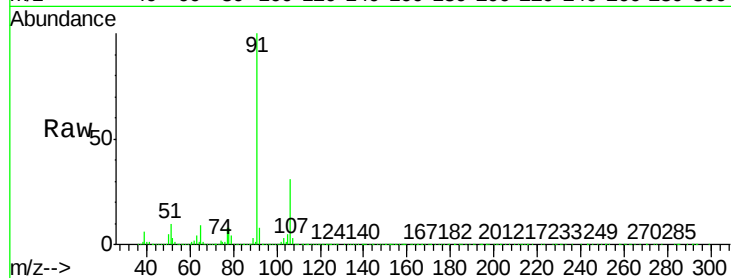
VSTDCCC050

Tgt Ion: 91 Resp: 1029163

Ion Ratio Lower Upper

91 100

106 31.3 24.9 37.3



#68

m/p-Xylenes

Concen: 103.91 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014837.D

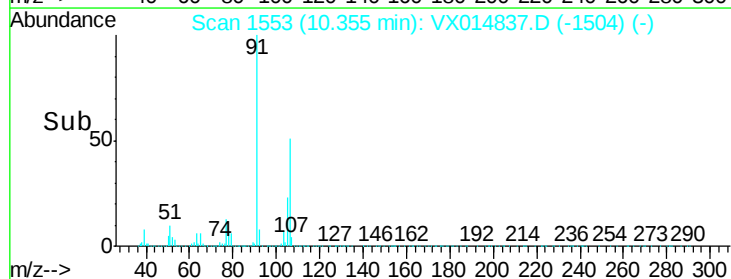
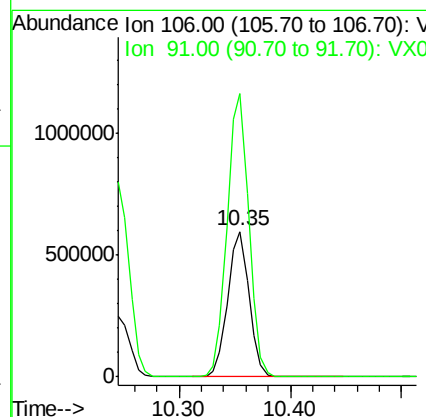
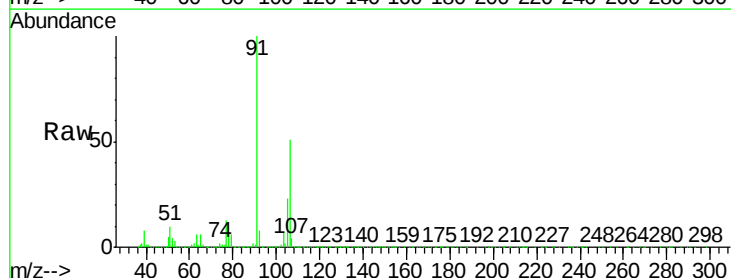
Acq: 06 Feb 2020 10:25

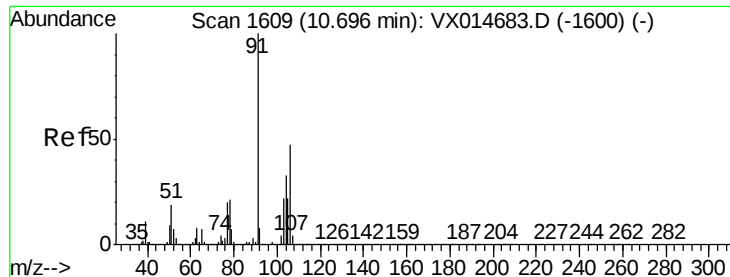
Tgt Ion: 106 Resp: 788824

Ion Ratio Lower Upper

106 100

91 198.2 159.4 239.2

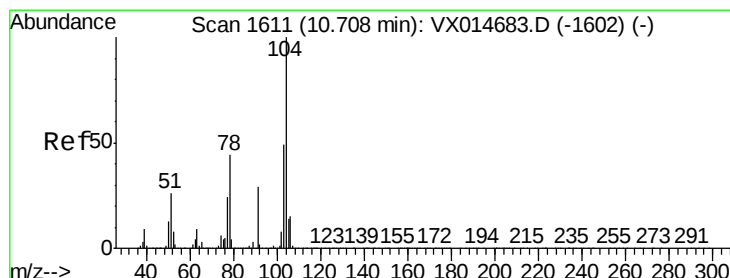
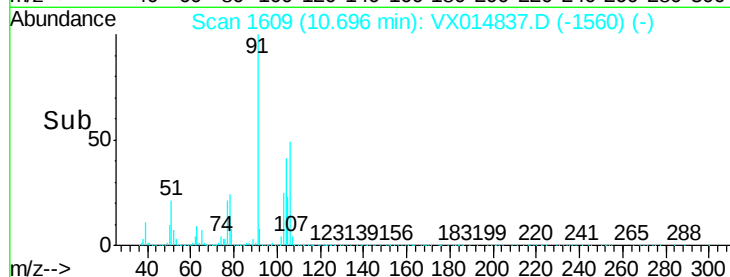
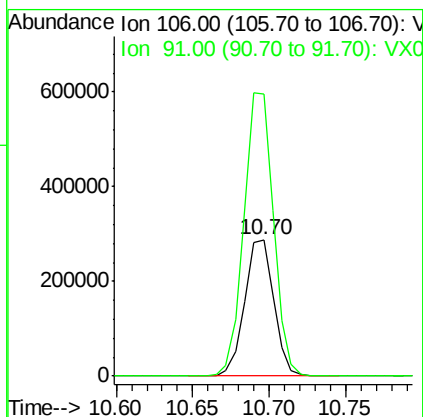
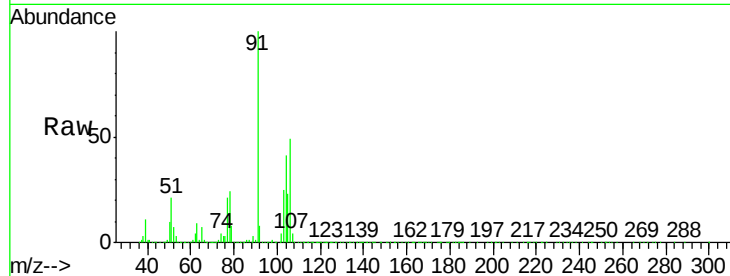




#69
o-Xylene
Concen: 52.00 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014837.D
Acq: 06 Feb 2020 10:25

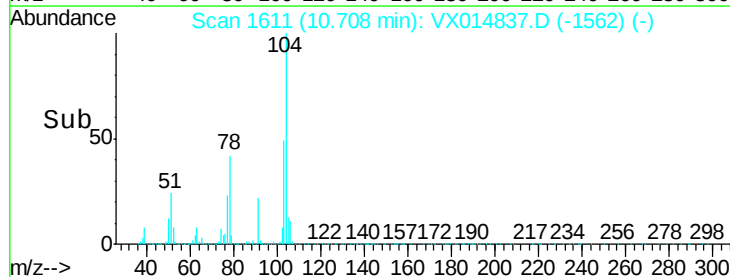
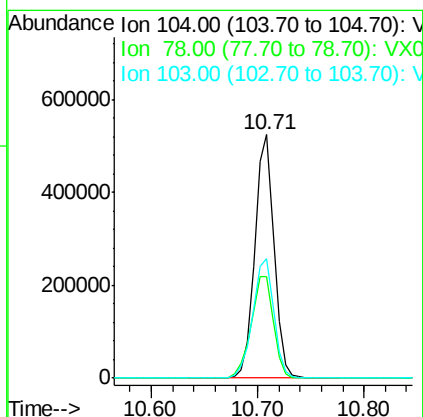
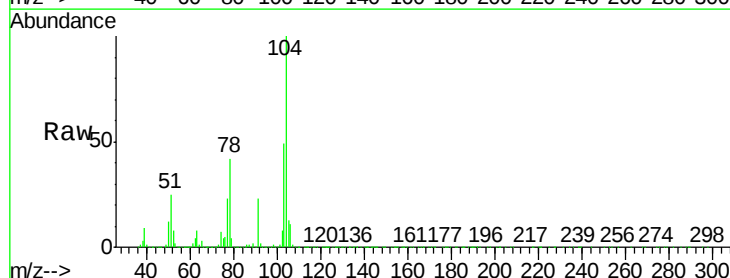
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

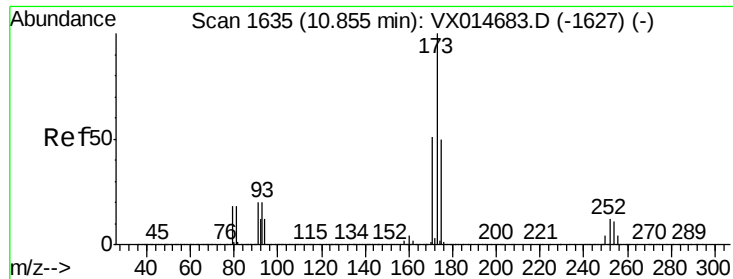
Tgt Ion:106 Resp: 381112
Ion Ratio Lower Upper
106 100
91 210.8 106.2 318.6



#70
Styrene
Concen: 54.26 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014837.D
Acq: 06 Feb 2020 10:25

Tgt Ion:104 Resp: 666992
Ion Ratio Lower Upper
104 100
78 48.6 39.3 58.9
103 54.3 43.5 65.3

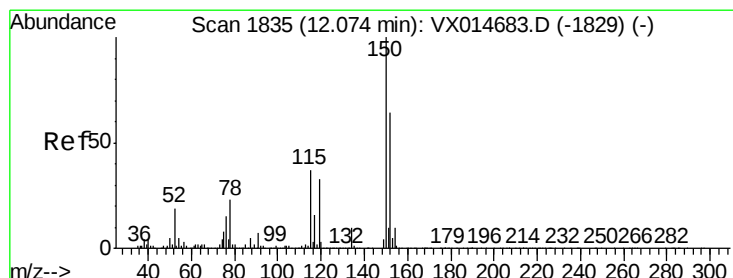
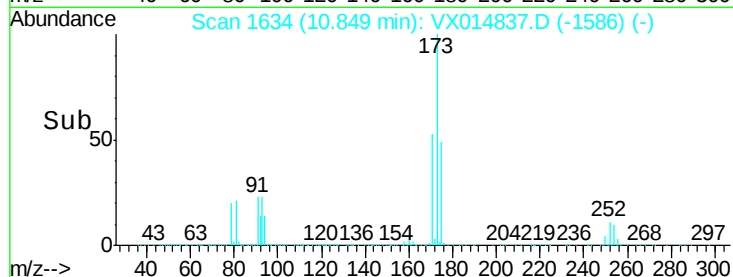
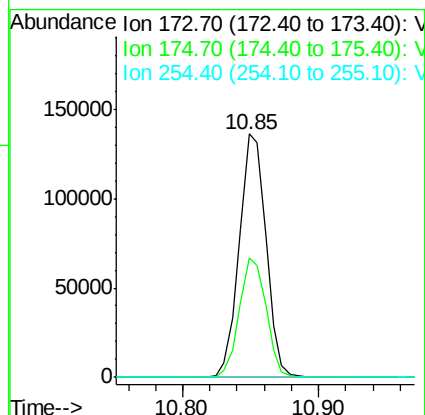
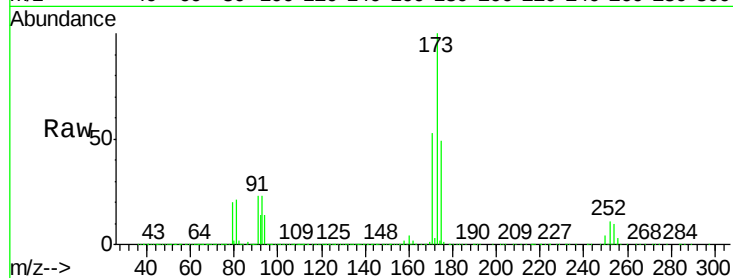




#71
Bromoform
Concen: 54.40 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014837.D
Acq: 06 Feb 2020 10:25

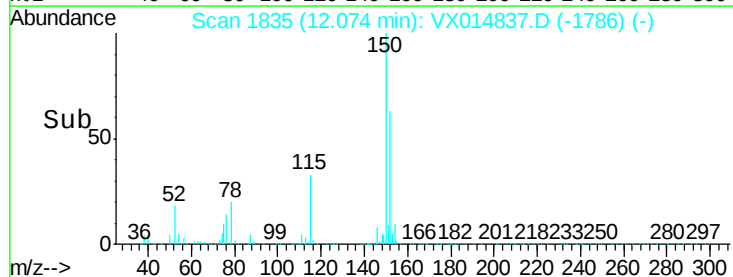
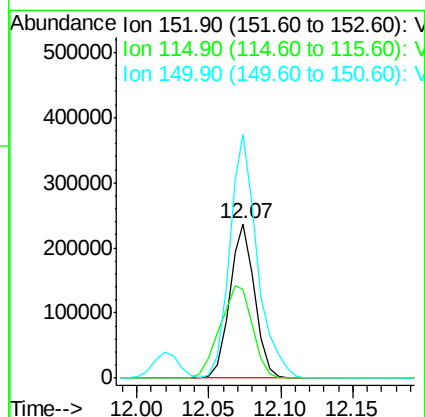
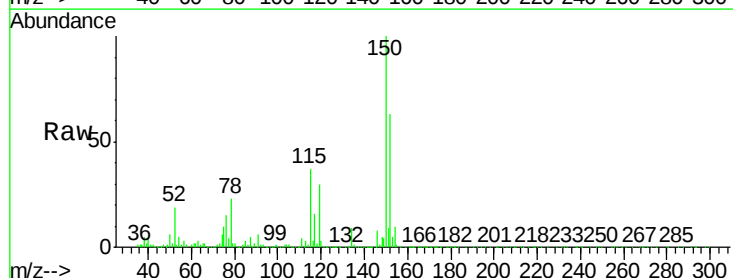
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

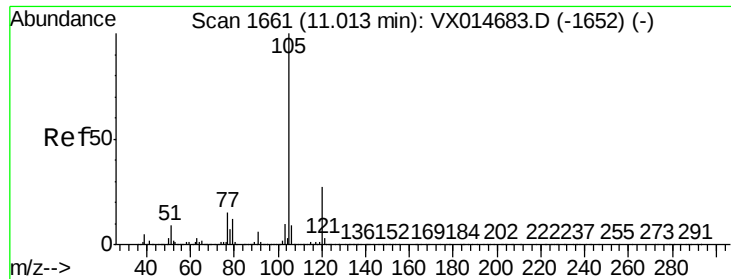
Tgt Ion:173 Resp: 187180
Ion Ratio Lower Upper
173 100
175 49.0 24.6 73.6
254 0.3 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014837.D
Acq: 06 Feb 2020 10:25

Tgt Ion:152 Resp: 285589
Ion Ratio Lower Upper
152 100
115 78.5 39.4 118.1
150 175.4 0.0 351.2





#73

Isopropylbenzene

Concen: 50.88 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

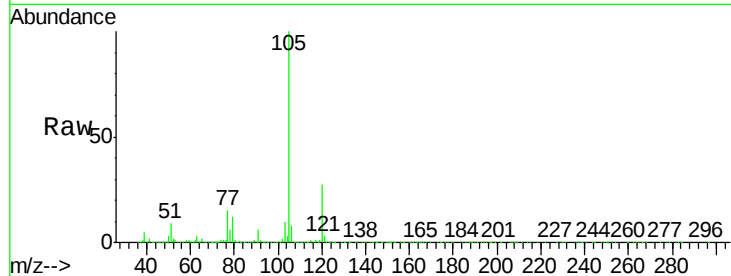
VSTDCCC050

Tgt Ion: 105 Resp: 1021726

Ion Ratio Lower Upper

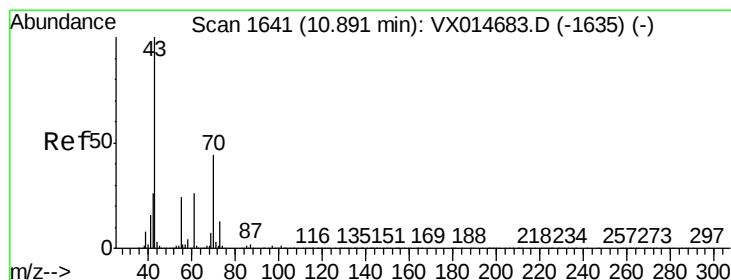
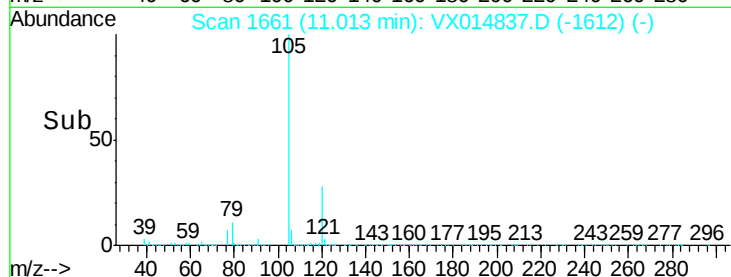
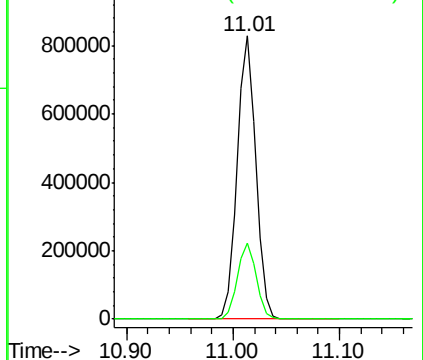
105 100

120 27.1 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.37 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

Tgt Ion: 43 Resp: 452038

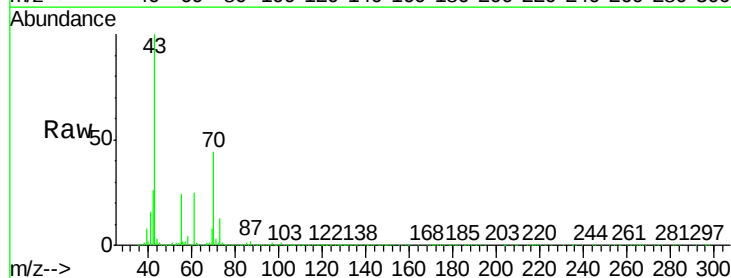
Ion Ratio Lower Upper

43 100

70 43.6 34.6 52.0

55 24.3 19.4 29.2

61 24.9 19.8 29.6

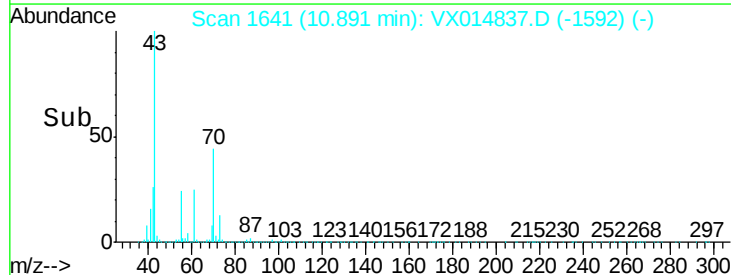
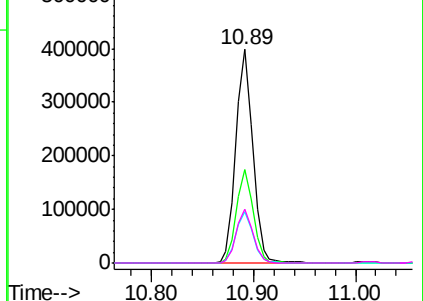


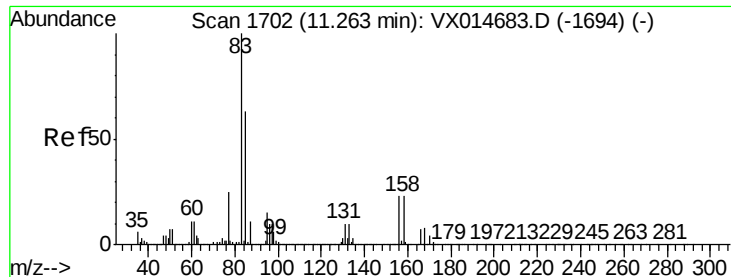
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 47.15 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

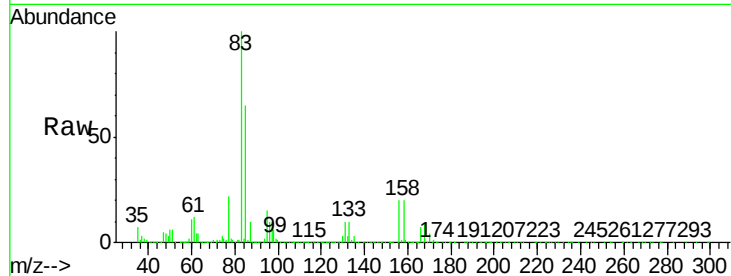
Tgt Ion: 83 Resp: 338077

Ion Ratio Lower Upper

83 100

131 10.1 5.0 15.0

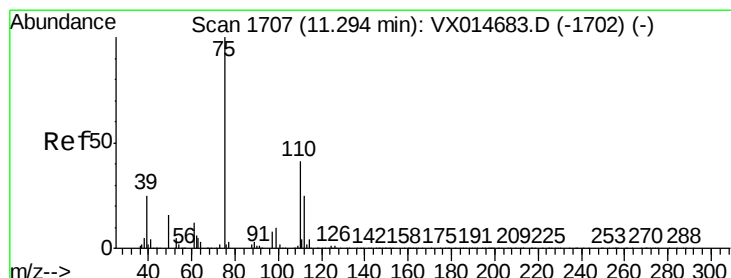
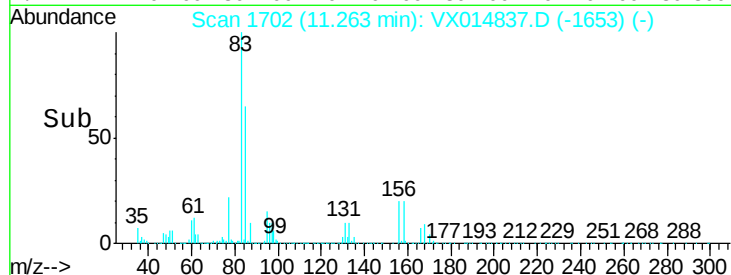
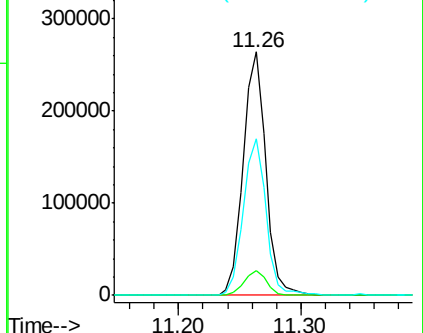
85 64.6 31.7 95.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 60.17 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014837.D

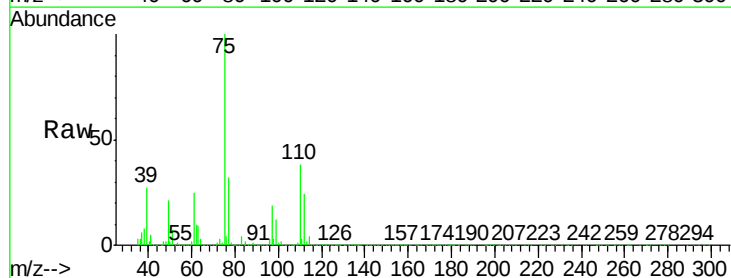
Acq: 06 Feb 2020 10:25

Tgt Ion: 75 Resp: 399810

Ion Ratio Lower Upper

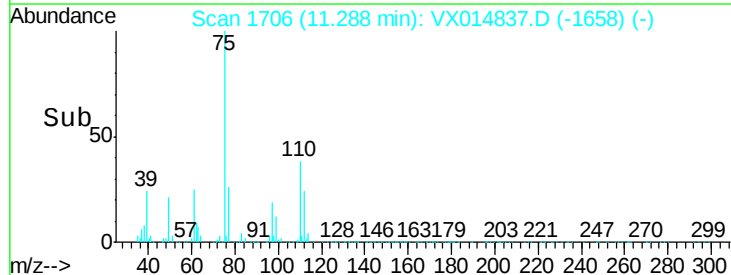
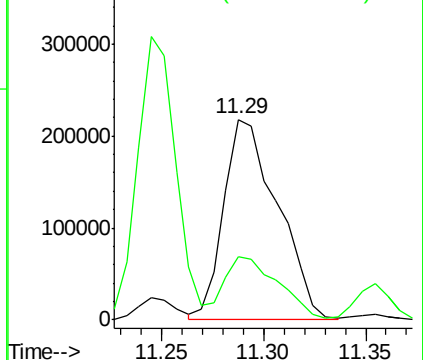
75 100

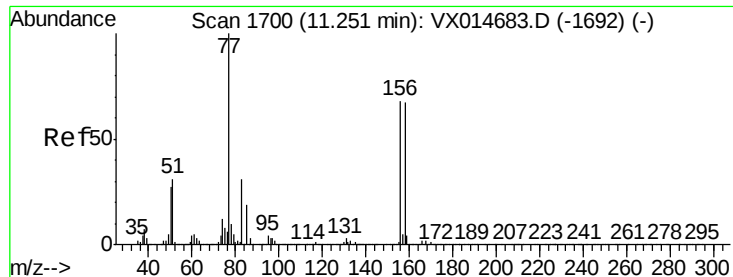
77 31.9 18.7 56.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.65 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

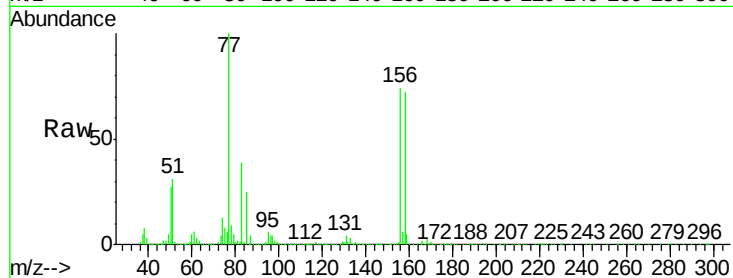
Tgt Ion:156 Resp: 273249

Ion Ratio Lower Upper

156 100

77 146.0 77.5 232.5

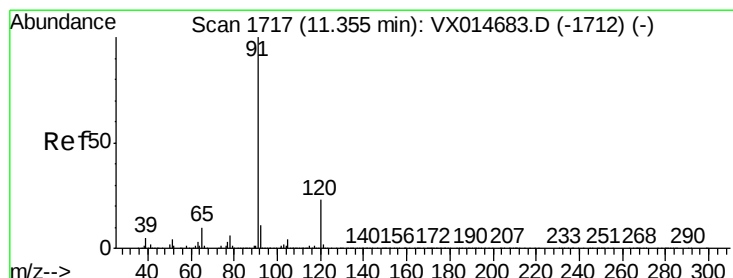
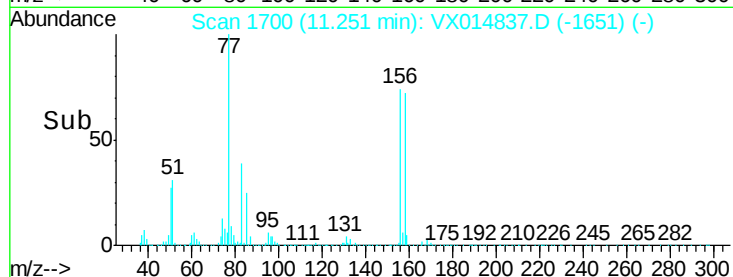
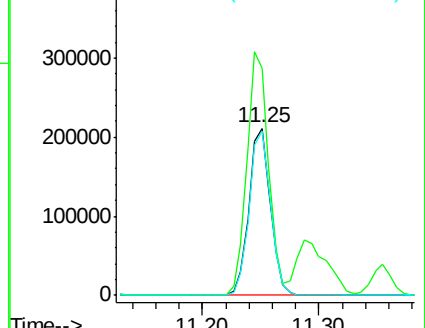
158 98.2 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.92 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX014837.D

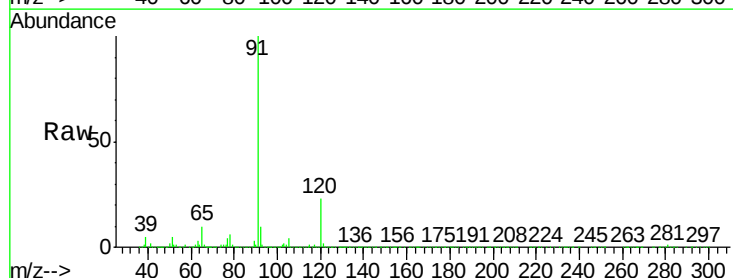
Acq: 06 Feb 2020 10:25

Tgt Ion: 91 Resp: 1160637

Ion Ratio Lower Upper

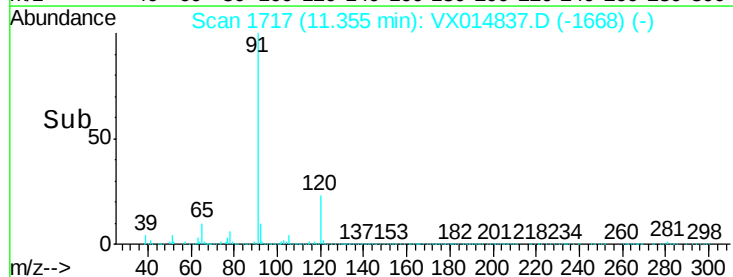
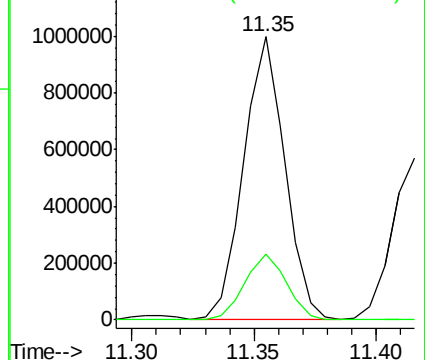
91 100

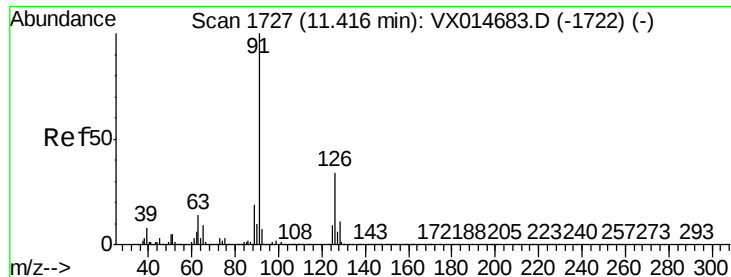
120 23.6 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

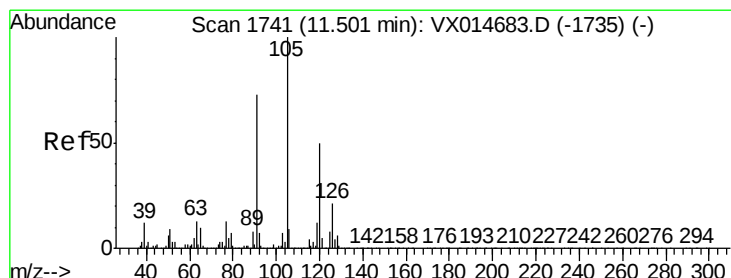
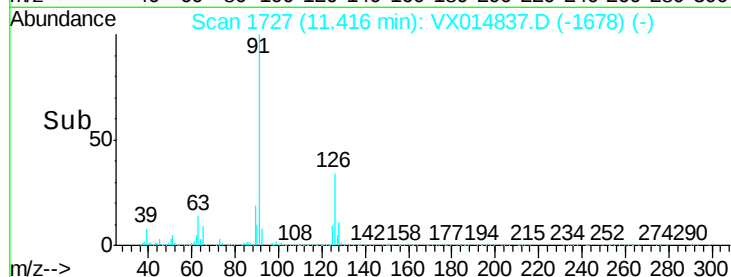
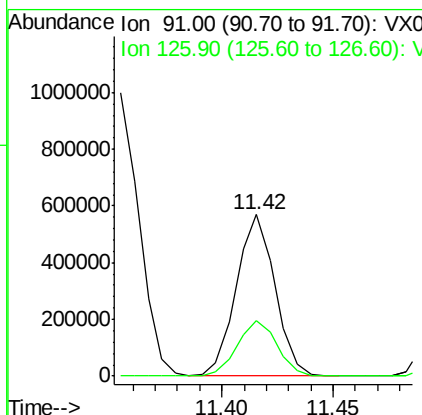
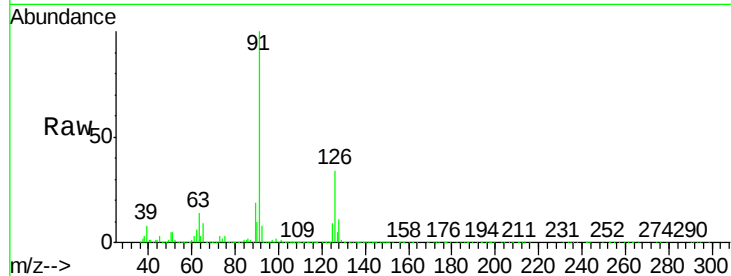




#79
 2-Chlorotoluene
 Concen: 49.90 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014837.D
 Acq: 06 Feb 2020 10:25

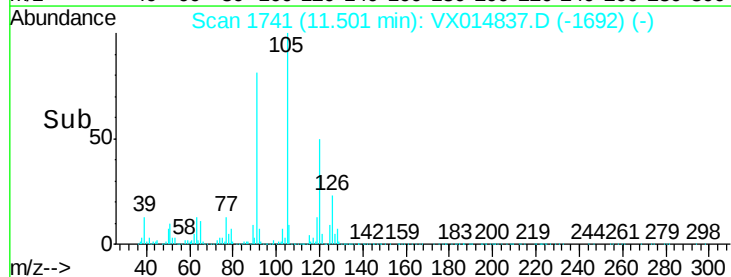
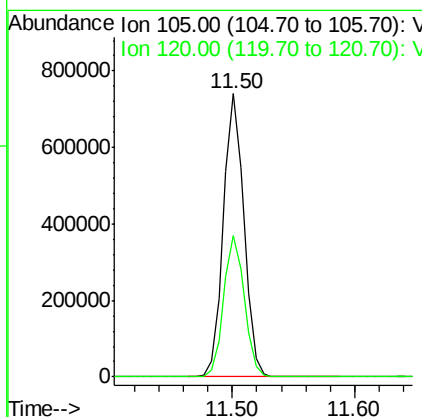
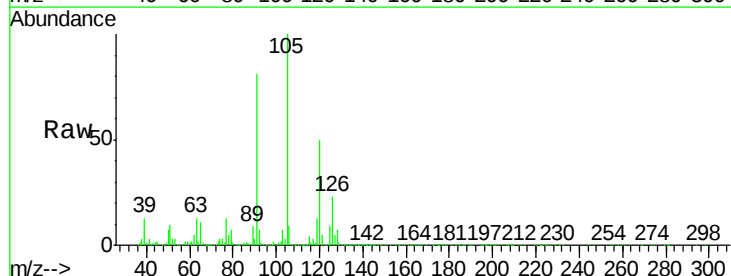
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

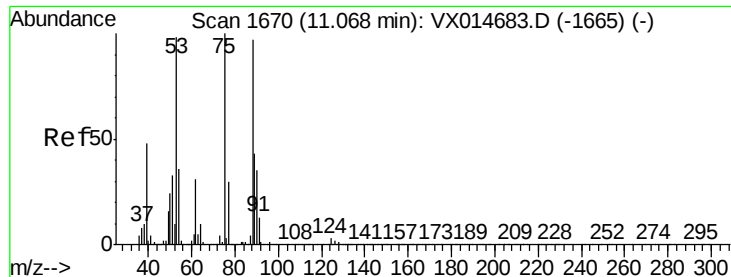
Tgt Ion: 91 Resp: 688255
 Ion Ratio Lower Upper
 91 100
 126 35.2 17.3 51.9



#80
 1,3,5-Trimethylbenzene
 Concen: 51.68 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014837.D
 Acq: 06 Feb 2020 10:25

Tgt Ion: 105 Resp: 861384
 Ion Ratio Lower Upper
 105 100
 120 49.9 24.9 74.6

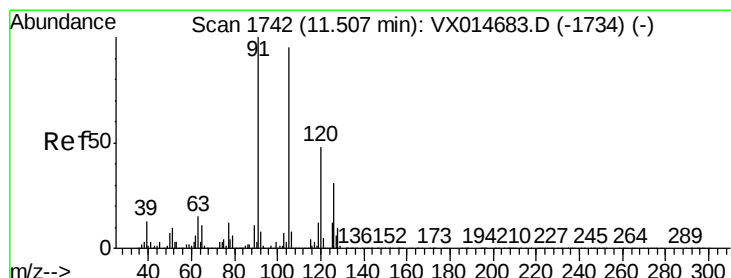
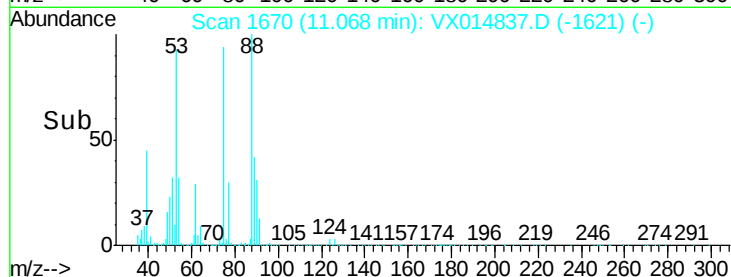
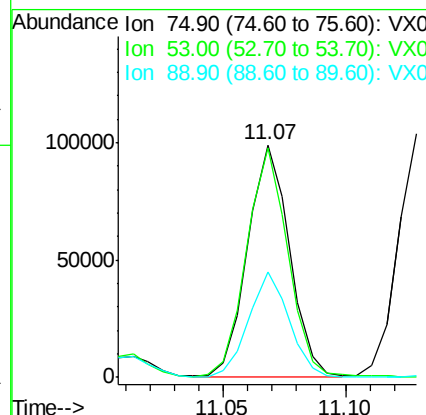
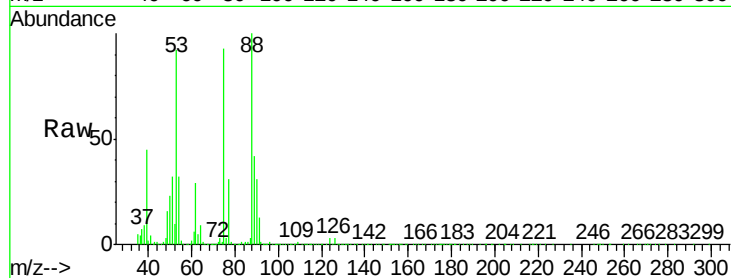




#81
trans-1,4-Dichloro-2-butene
Concen: 50.39 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014837.D
Acq: 06 Feb 2020 10:25

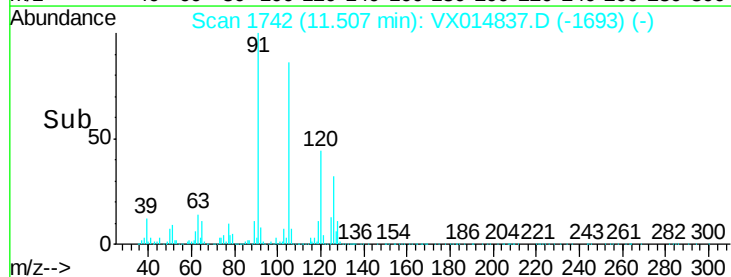
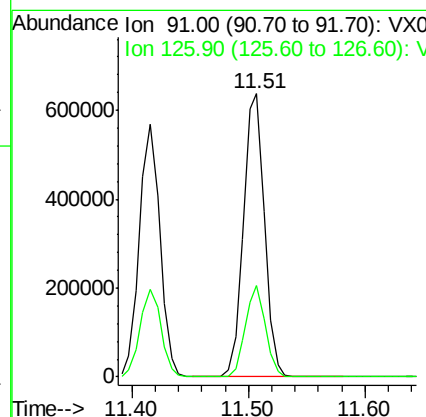
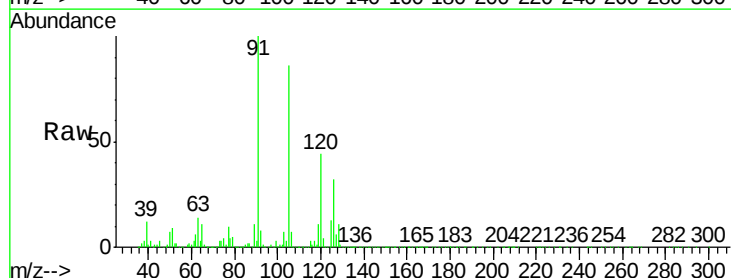
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

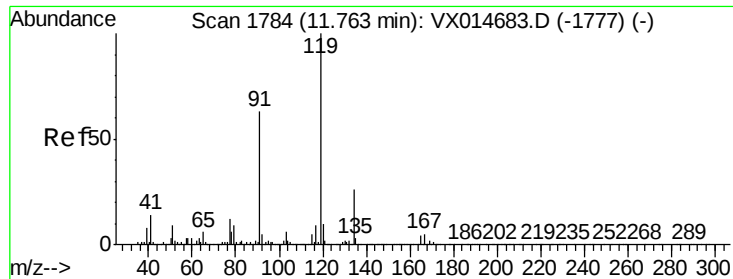
Tgt Ion: 75 Resp: 117641
Ion Ratio Lower Upper
75 100
53 96.7 78.8 118.2
89 44.3 35.4 53.0



#82
4-Chlorotoluene
Concen: 51.15 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014837.D
Acq: 06 Feb 2020 10:25

Tgt Ion: 91 Resp: 803154
Ion Ratio Lower Upper
91 100
126 30.8 15.4 46.4

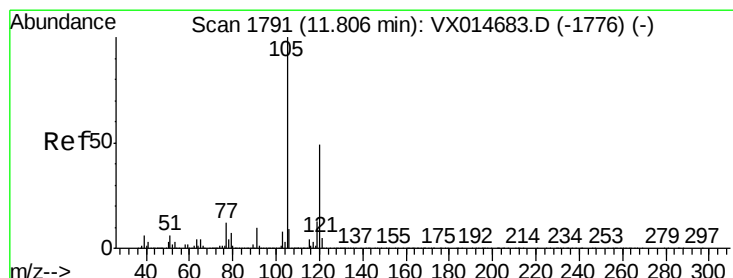
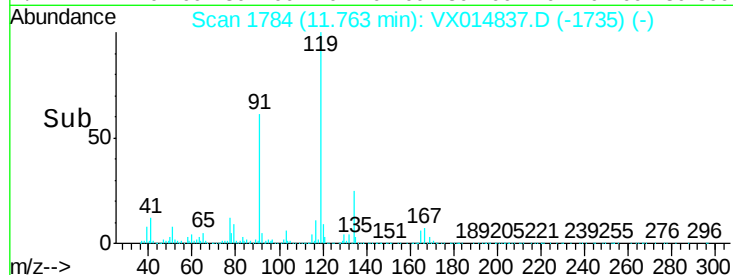
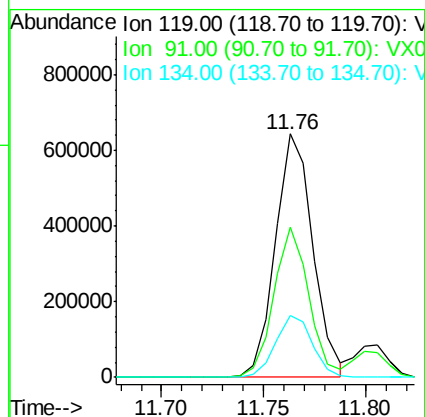
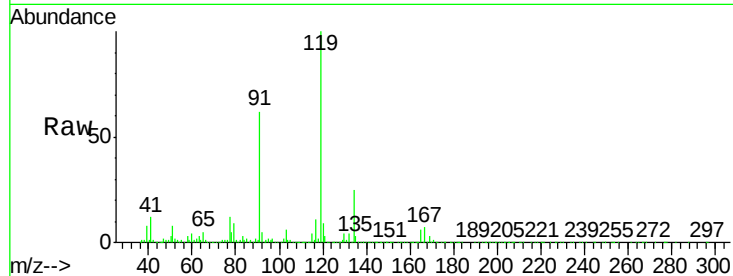




#83
tert-Butylbenzene
Concen: 52.72 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014837.D
Acq: 06 Feb 2020 10:25

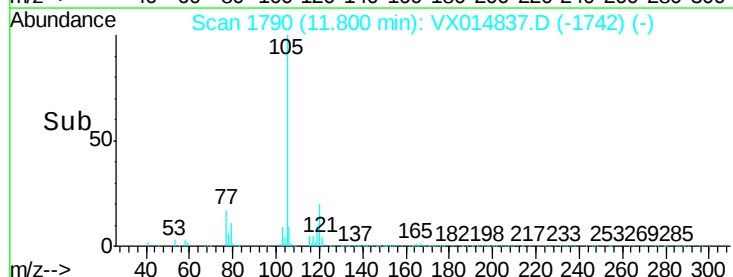
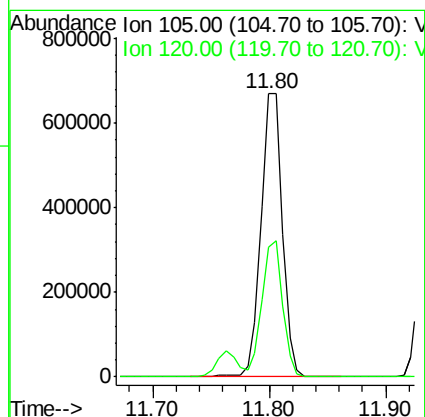
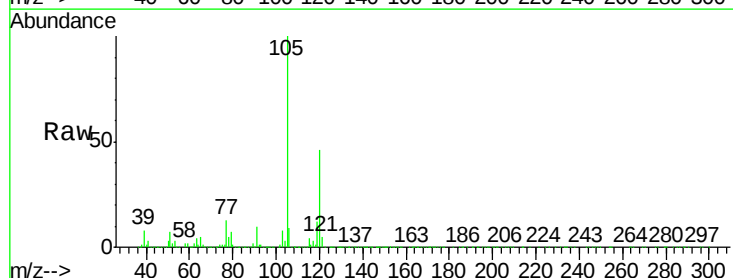
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

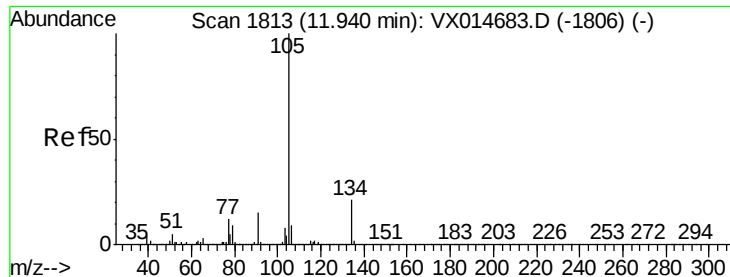
Tgt Ion:119 Resp: 825594
Ion Ratio Lower Upper
119 100
91 57.4 30.0 90.0
134 24.9 12.7 38.0



#84
1,2,4-Trimethylbenzene
Concen: 51.71 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX014837.D
Acq: 06 Feb 2020 10:25

Tgt Ion:105 Resp: 864378
Ion Ratio Lower Upper
105 100
120 46.1 23.4 70.0

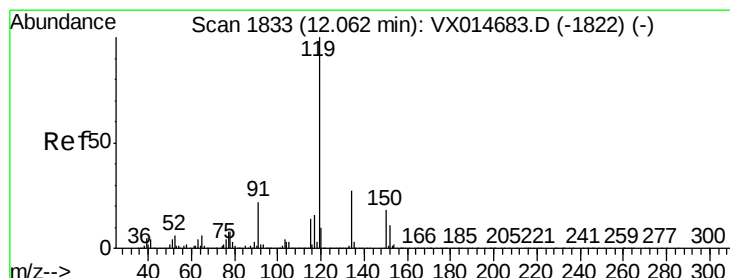
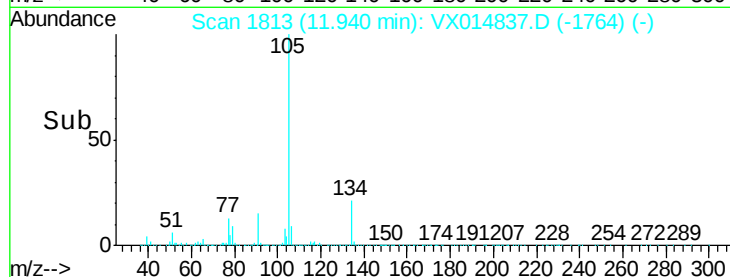
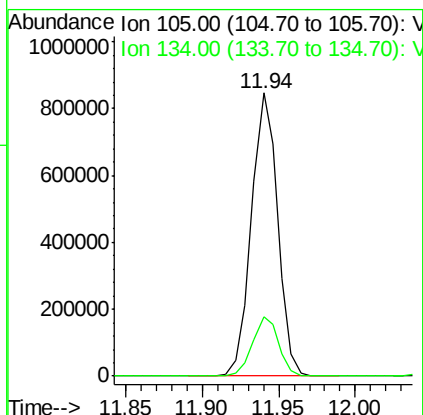
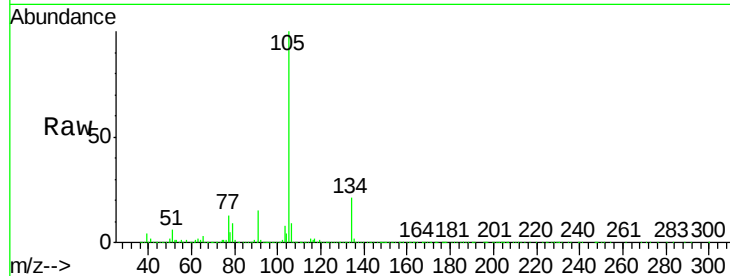




#85
 sec-Butylbenzene
 Concen: 52.65 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014837.D
 Acq: 06 Feb 2020 10:25

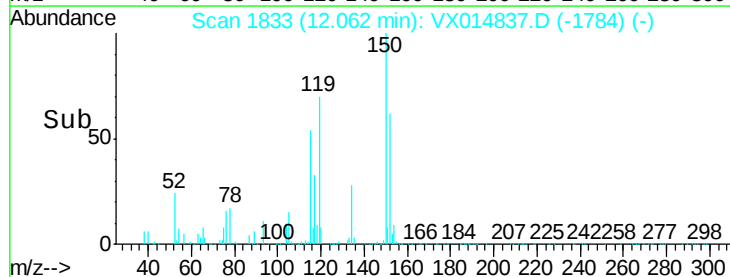
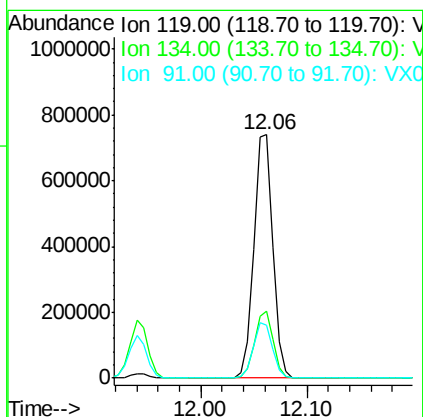
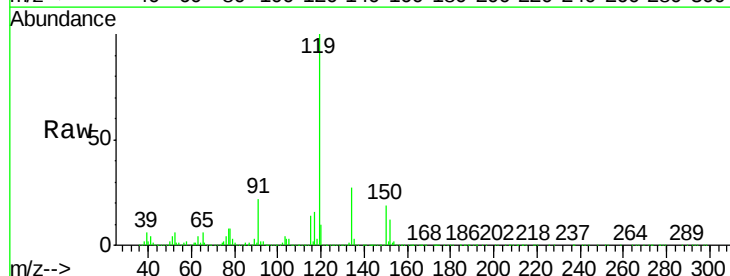
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

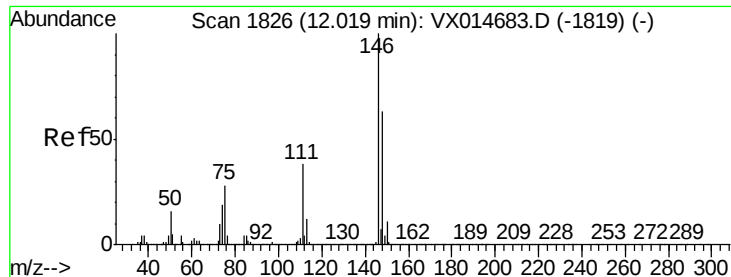
Tgt Ion:105 Resp: 1010178
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 52.20 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX014837.D
 Acq: 06 Feb 2020 10:25

Tgt Ion:119 Resp: 925603
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.5 40.4
 91 22.8 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 49.94 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

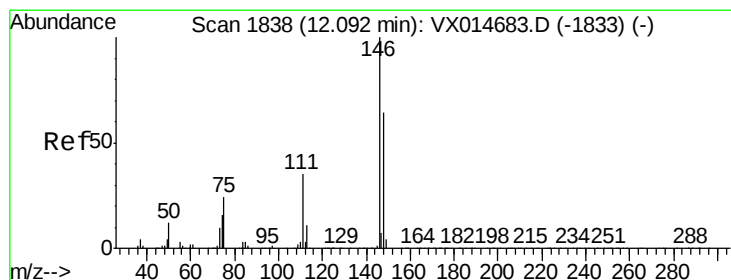
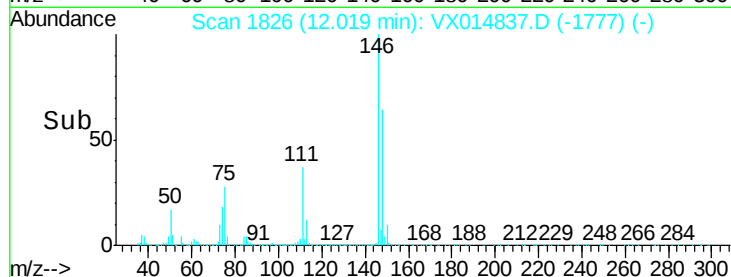
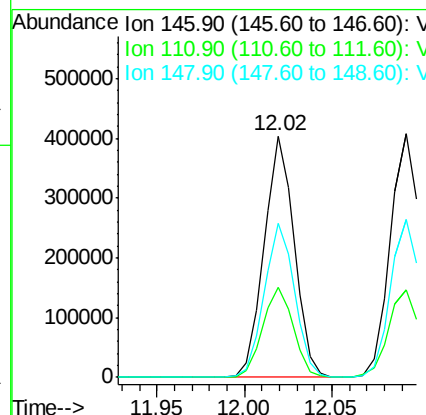
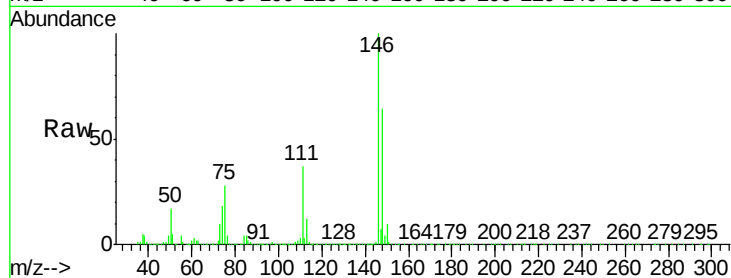
Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 484190

Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.0	57.0
148	64.2	31.6	95.0



#88

1,4-Dichlorobenzene

Concen: 50.04 ug/l

RT: 12.09 min Scan# 1838

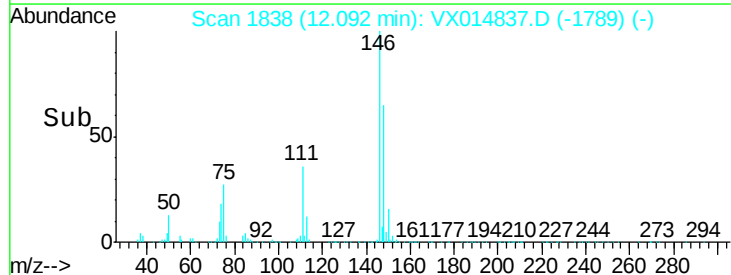
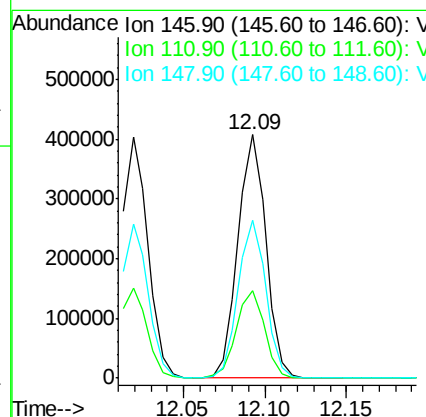
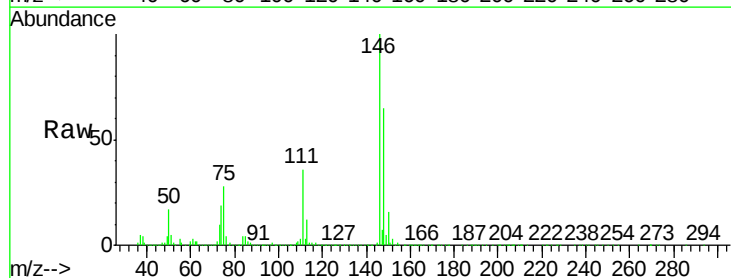
Delta R.T. 0.00 min

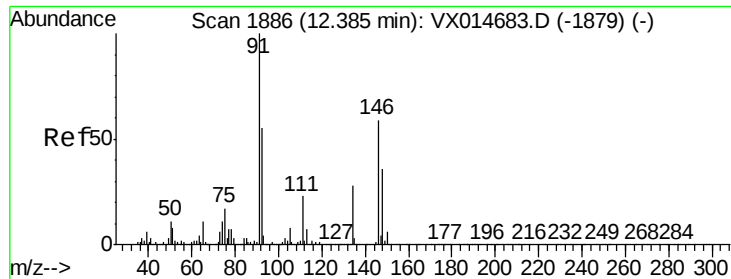
Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

Tgt Ion:146 Resp: 485936

Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.6	55.8
148	64.5	32.0	96.2

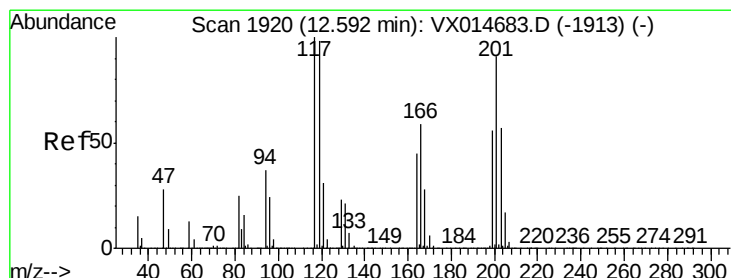
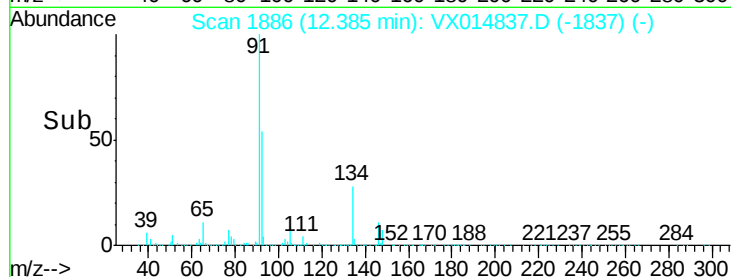
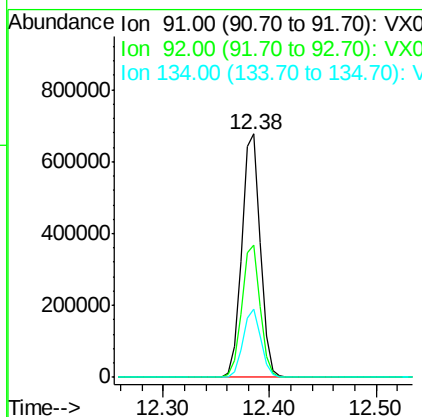
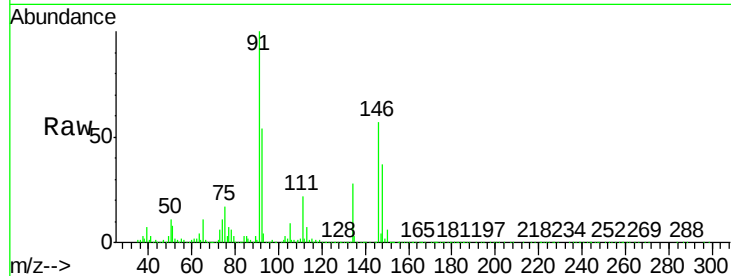




#89
n-Butylbenzene
Concen: 53.42 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX014837.D
Acq: 06 Feb 2020 10:25

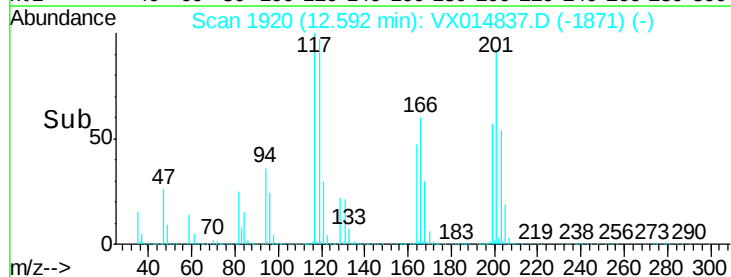
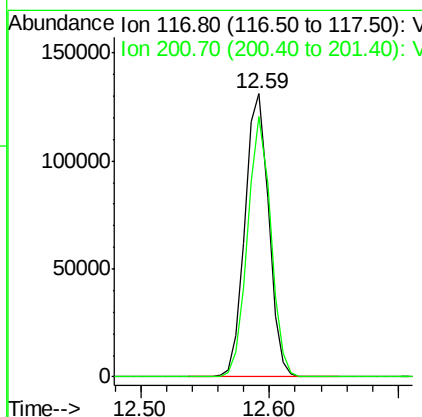
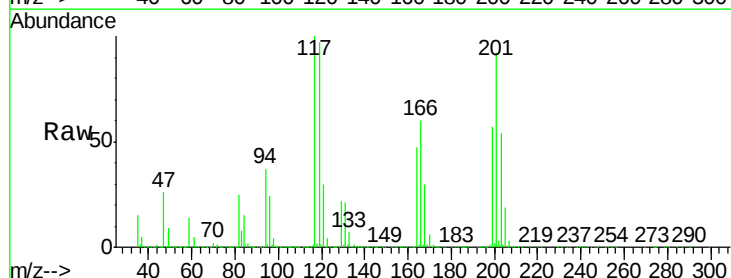
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

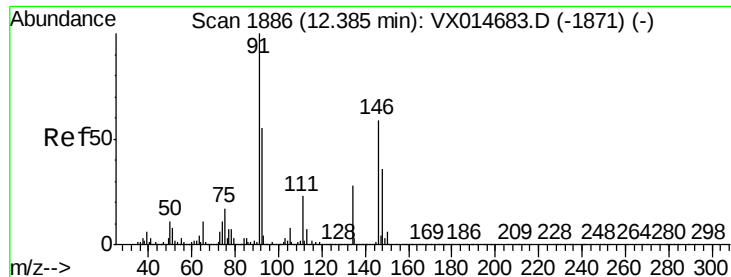
Tgt Ion: 91 Resp: 824865
Ion Ratio Lower Upper
91 100
92 54.0 27.6 82.7
134 26.9 13.3 39.8



#90
Hexachloroethane
Concen: 50.35 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014837.D
Acq: 06 Feb 2020 10:25

Tgt Ion: 117 Resp: 165822
Ion Ratio Lower Upper
117 100
201 89.6 44.4 133.1





#91

1,2-Dichlorobenzene

Concen: 50.24 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

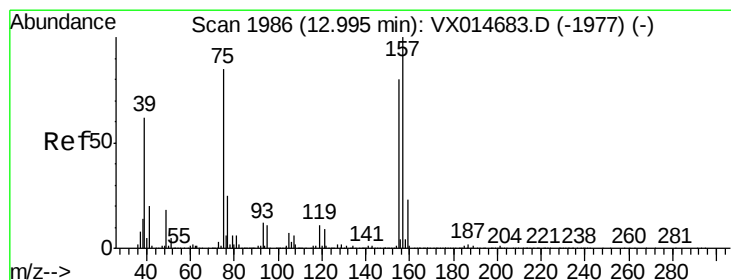
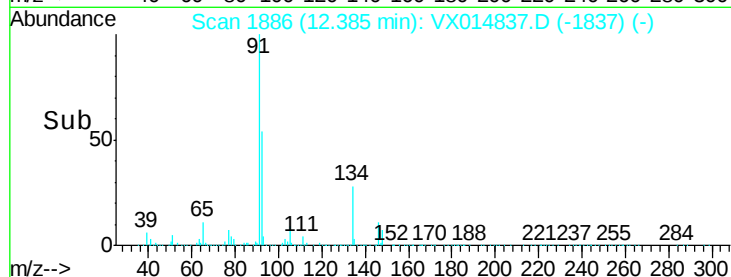
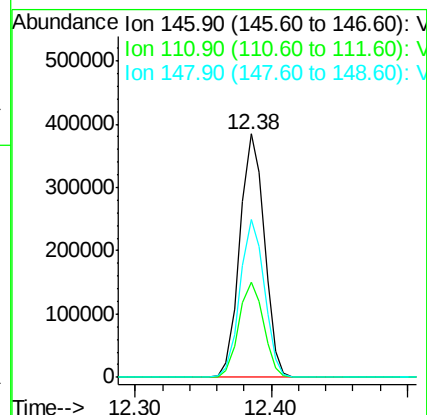
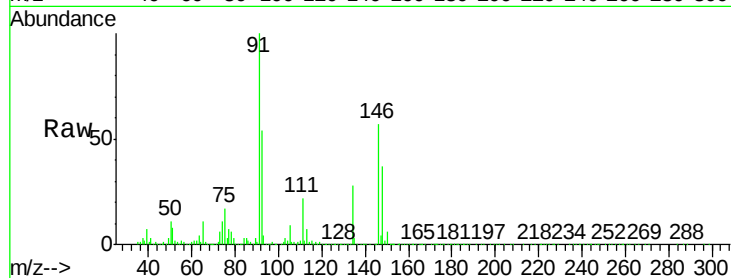
Tgt Ion:146 Resp: 483746

Ion Ratio Lower Upper

146 100

111 39.5 19.6 58.8

148 64.4 31.9 95.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.75 ug/l

RT: 12.99 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

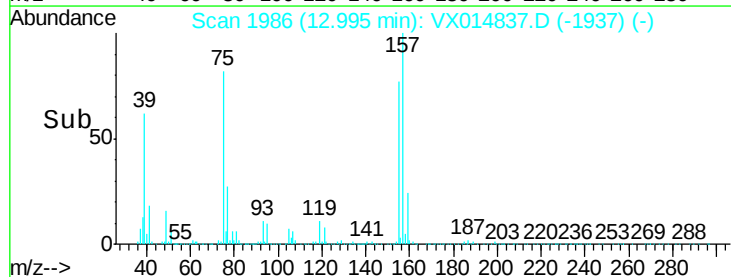
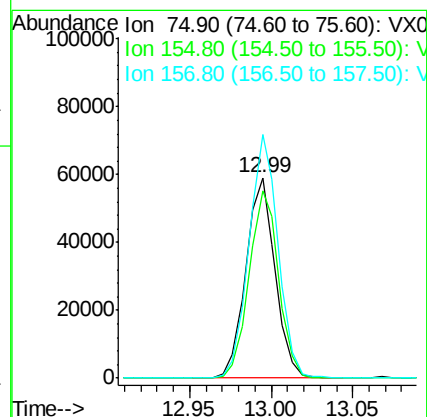
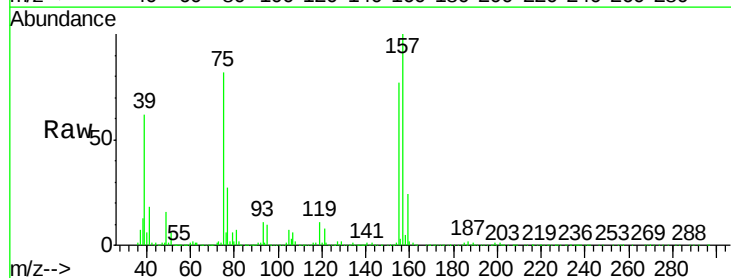
Tgt Ion: 75 Resp: 73548

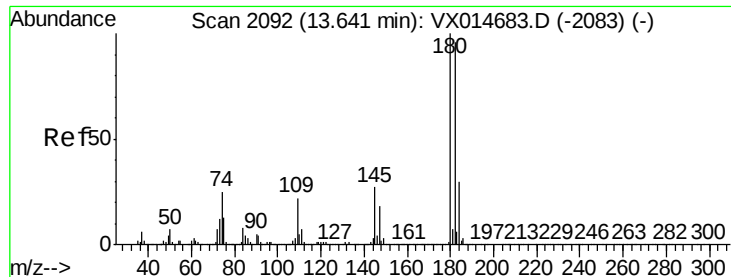
Ion Ratio Lower Upper

75 100

155 95.1 45.6 136.9

157 122.1 60.3 180.9

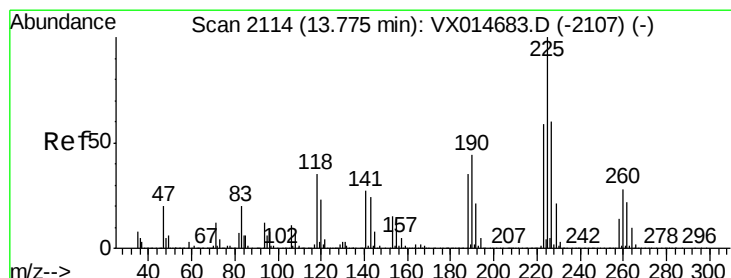
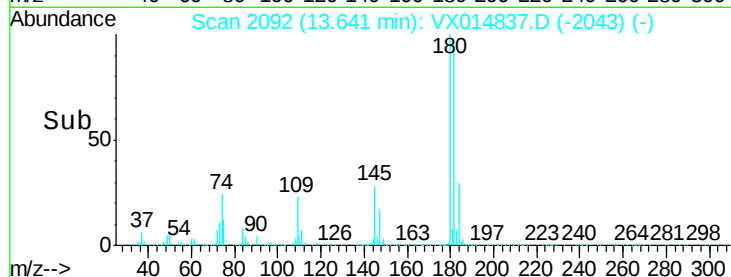
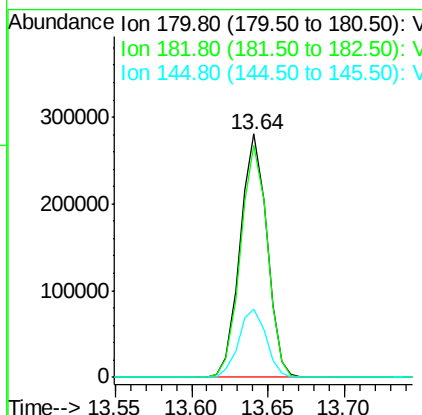
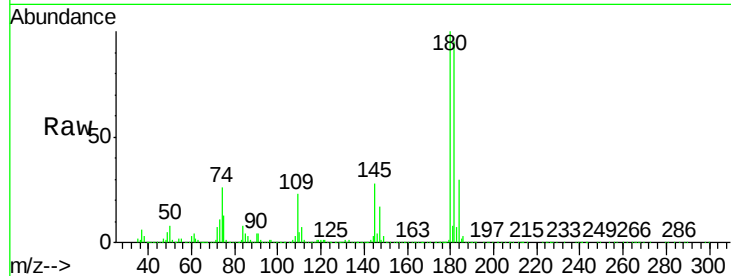




#93
1,2,4-Trichlorobenzene
Concen: 55.01 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX014837.D
Acq: 06 Feb 2020 10:25

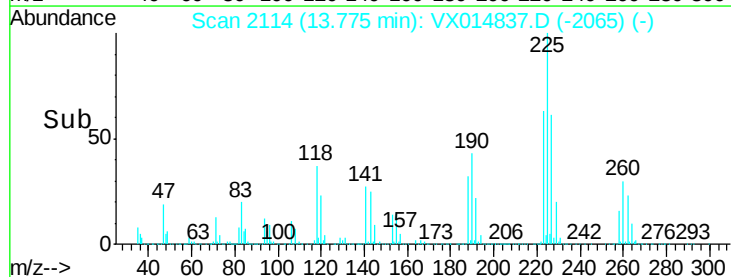
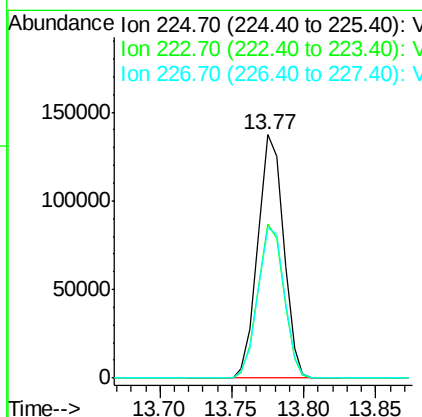
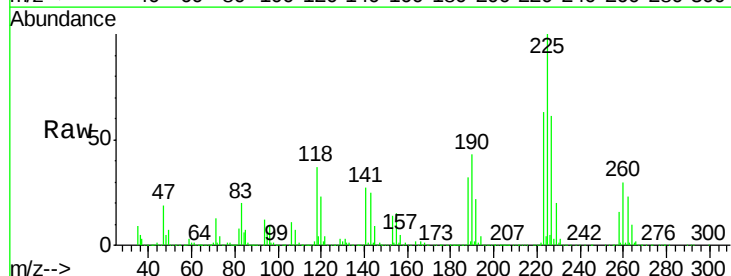
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

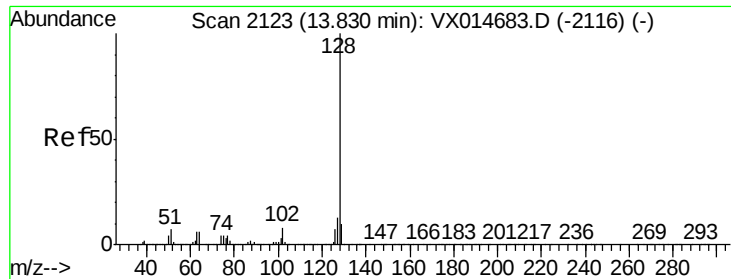
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	48.5	145.6
145	28.5	14.0	41.9



#94
Hexachlorobutadiene
Concen: 52.94 ug/l
RT: 13.77 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014837.D
Acq: 06 Feb 2020 10:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	30.6	91.8
227	64.1	31.4	94.0

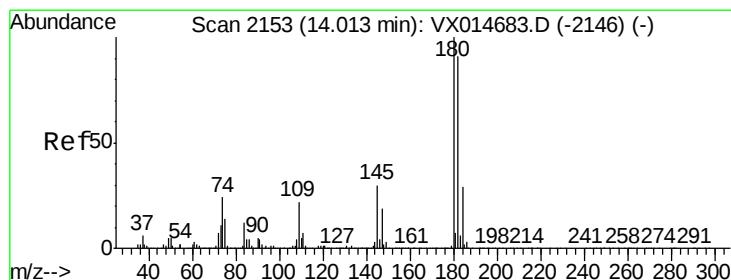
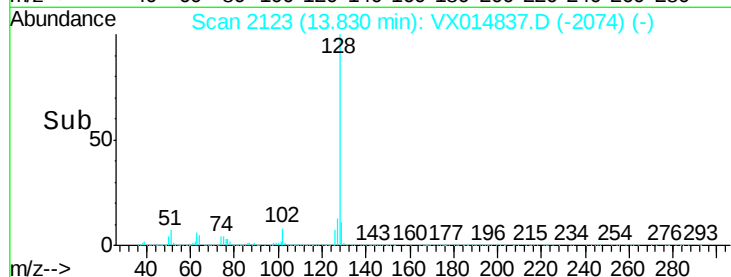
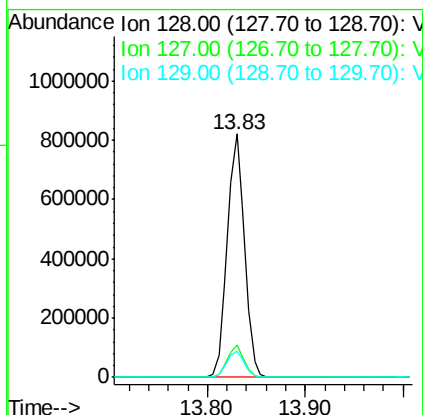
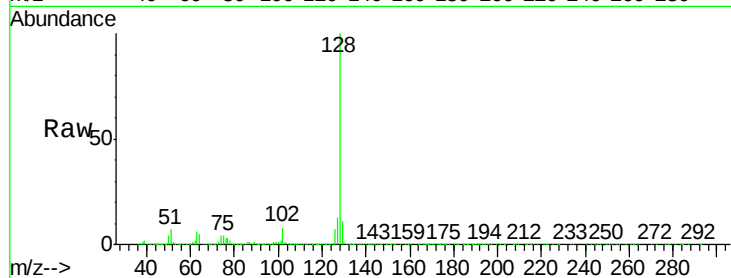




#95
Naphthalene
Concen: 50.38 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014837.D
Acq: 06 Feb 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 1008797
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 54.98 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014837.D
Acq: 06 Feb 2020 10:25

Tgt Ion:180 Resp: 345119
Ion Ratio Lower Upper
180 100
182 95.6 46.6 139.7
145 29.9 14.7 44.1

