

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121819\
 Data File : VX014084.D
 Acq On : 18 Dec 2019 09:57
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 18 16:15:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	560239	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	849275	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	766811	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	391063	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	323288	50.92	ug/l	0.00
Spiked Amount			Recovery	=	101.84%	
35) Dibromofluoromethane	5.48	113	270430	52.38	ug/l	0.00
Spiked Amount			Recovery	=	104.76%	
50) Toluene-d8	8.71	98	1034707	51.48	ug/l	0.00
Spiked Amount			Recovery	=	102.96%	
62) 4-Bromofluorobenzene	11.13	95	375613	51.12	ug/l	0.00
Spiked Amount			Recovery	=	102.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	239627	47.810	ug/l	99
3) Chloromethane	1.32	50	328798	48.883	ug/l	100
4) Vinyl Chloride	1.40	62	346571	48.831	ug/l	99
5) Bromomethane	1.63	94	219915	43.656	ug/l	100
6) Chloroethane	1.72	64	215897	49.287	ug/l	97
7) Trichlorofluoromethane	1.92	101	431341	49.095	ug/l	100
8) Diethyl Ether	2.18	74	192946	46.793	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	266393	50.299	ug/l	99
10) Methyl Iodide	2.50	142	354202	50.676	ug/l	99
11) Tert butyl alcohol	3.03	59	293831	214.164	ug/l	100
12) 1,1-Dichloroethene	2.36	96	259653	48.181	ug/l	99
13) Acrolein	2.28	56	262033	333.643	ug/l	98
14) Allyl chloride	2.72	41	483121	50.209	ug/l	100
15) Acrylonitrile	3.12	53	772777	241.318	ug/l	99
16) Acetone	2.43	43	962886	233.585	ug/l	100
17) Carbon Disulfide	2.56	76	720714	48.200	ug/l	99
18) Methyl Acetate	2.76	43	395014	48.359	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	870156	49.137	ug/l	99
20) Methylene Chloride	2.84	84	299591	46.152	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	287710	48.459	ug/l	99
22) Diisopropyl ether	3.84	45	966509	50.406	ug/l	94
23) Vinyl Acetate	3.80	43	4151617	265.321	ug/l	100
24) 1,1-Dichloroethane	3.69	63	519310	48.679	ug/l	99
25) 2-Butanone	4.65	43	1242441	244.469	ug/l	100
26) 2,2-Dichloropropane	4.57	77	413445	49.916	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	327236	48.735	ug/l	100
28) Bromochloromethane	5.00	49	229830	55.964	ug/l	97
29) Tetrahydrofuran	5.11	42	697908	245.517	ug/l	98
30) Chloroform	5.20	83	501518	49.592	ug/l	99
31) Cyclohexane	5.57	56	481658	50.765	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	421967	48.958	ug/l	99
36) 1,1-Dichloropropene	5.79	75	391284	50.212	ug/l	99
37) Ethyl Acetate	4.81	43	428465	49.791	ug/l	100
38) Carbon Tetrachloride	5.77	117	362462	51.058	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	490999	51.029	ug/l	99
40) Benzene	6.13	78	1182033	49.299	ug/l	100
41) Methacrylonitrile	5.03	41	237281	49.696	ug/l	98
42) 1,2-Dichloroethane	6.18	62	404691	49.792	ug/l	99
43) Isopropyl Acetate	6.43	43	707723	49.696	ug/l	99
44) Trichloroethene	7.20	130	321479	48.543	ug/l	99
45) 1,2-Dichloropropane	7.50	63	306538	49.880	ug/l	97
46) Dibromomethane	7.65	93	198871	48.946	ug/l	98
47) Bromodichloromethane	7.89	83	391620	51.177	ug/l	99
48) Methyl methacrylate	7.76	41	351274	50.373	ug/l	98
49) 1,4-Dioxane	7.73	88	131122	923.961	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	2179283	243.666	ug/l	99
52) Toluene	8.78	92	739637	48.805	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	434659	51.802	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	492432	52.679	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	300778	49.519	ug/l	99
56) Ethyl methacrylate	9.17	69	479207	50.225	ug/l	99
57) 1,3-Dichloropropane	9.36	76	511061	50.009	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	976843	270.538	ug/l	100
59) 2-Hexanone	9.48	43	1761838	244.709	ug/l	100
60) Dibromochloromethane	9.57	129	312304	51.727	ug/l	99
61) 1,2-Dibromoethane	9.67	107	314436	50.596	ug/l	98
64) Tetrachloroethene	9.33	164	313255	46.167	ug/l	100
65) Chlorobenzene	10.13	112	800674	49.108	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	293829	50.473	ug/l	98
67) Ethyl Benzene	10.25	91	1417760	50.579	ug/l	99
68) m/p-Xylenes	10.35	106	1086647	100.792	ug/l	100
69) o-Xylene	10.69	106	516851	48.881	ug/l	98
70) Styrene	10.71	104	902244	50.462	ug/l	99
71) Bromoform	10.85	173	236327	50.502	ug/l	100
73) Isopropylbenzene	11.01	105	1393689	50.617	ug/l	100
74) N-amyl acetate	10.89	43	635138	49.212	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	459829	48.171	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	528836	62.290	ug/l	89
77) Bromobenzene	11.25	156	358059	47.265	ug/l	99
78) n-propylbenzene	11.35	91	1598817	51.768	ug/l	100
79) 2-Chlorotoluene	11.42	91	930403	49.559	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1176100	50.754	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	153897	51.164	ug/l	97
82) 4-Chlorotoluene	11.51	91	1087560	49.941	ug/l	99
83) tert-Butylbenzene	11.76	119	1147115	50.868	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1181899	50.931	ug/l	99
85) sec-Butylbenzene	11.94	105	1373371	51.588	ug/l	100
86) p-Isopropyltoluene	12.06	119	1263684	51.893	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	644523	48.544	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	638197	47.274	ug/l	99
89) n-Butylbenzene	12.39	91	1122001	53.998	ug/l	99
90) Hexachloroethane	12.59	117	220281	50.361	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	634466	47.471	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	96141	45.512	ug/l	100

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Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
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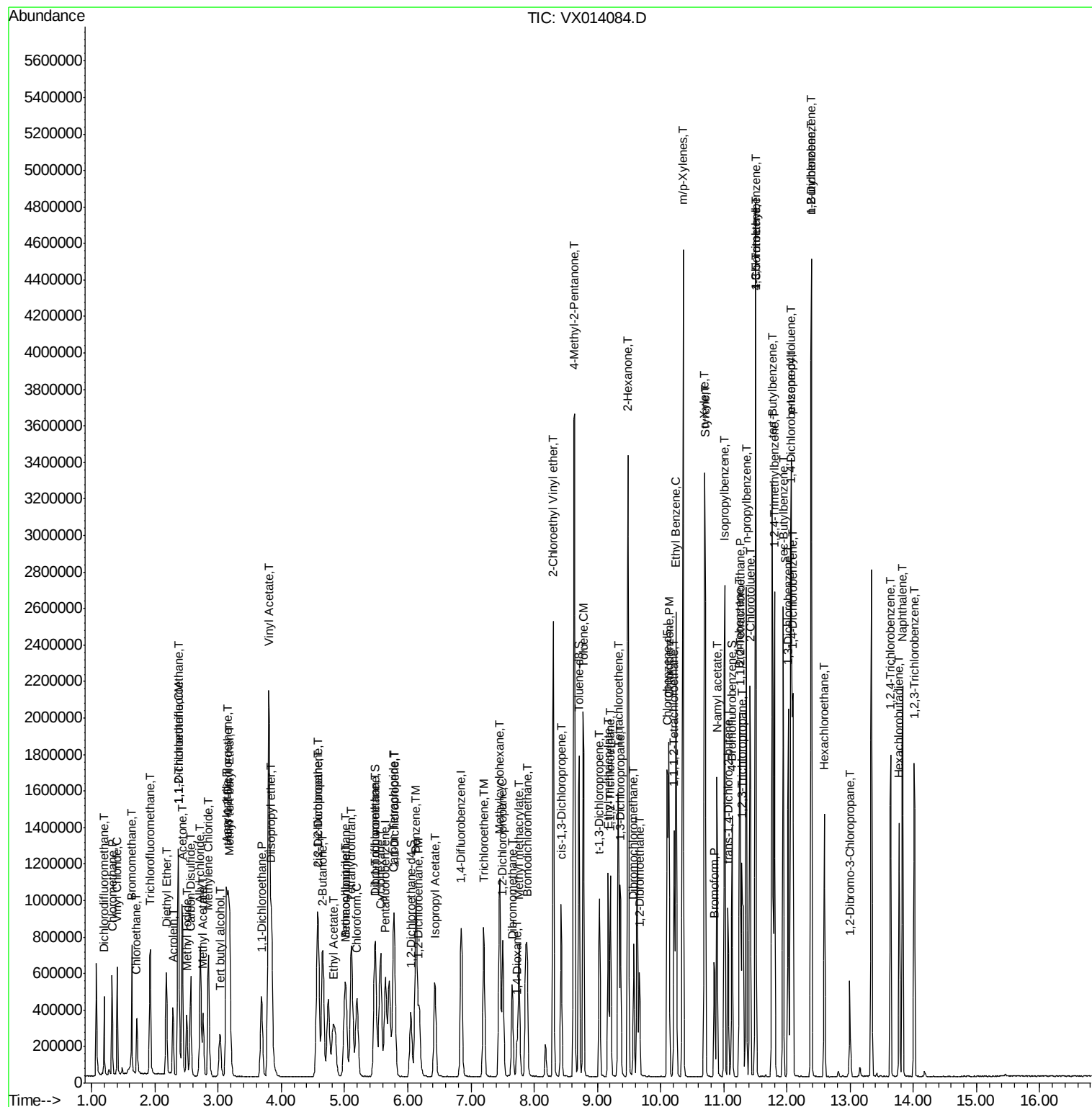
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	435497	50.132	ug/l	97
94) Hexachlorobutadiene	13.78	225	207391	49.675	ug/l	98
95) Naphthalene	13.83	128	1313136	51.450	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	432563	50.443	ug/l	97

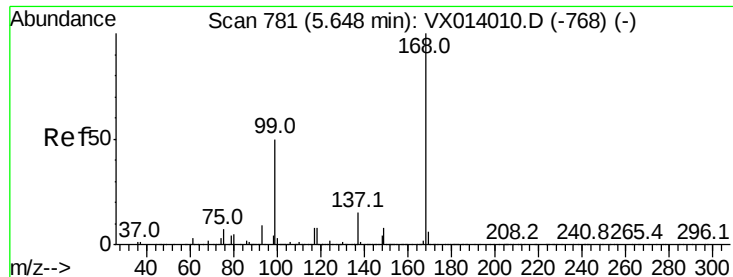
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

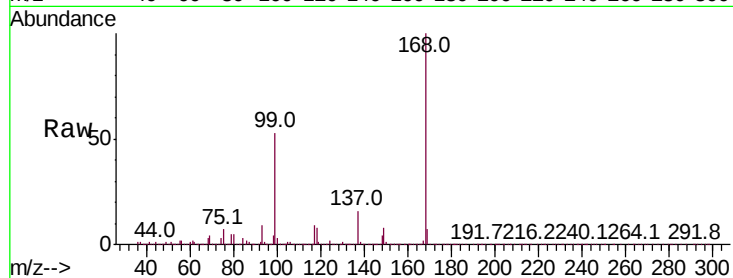
VSTDCCC050

Tot Ion:168 Resp: 560239

Ion Ratio Lower Upper

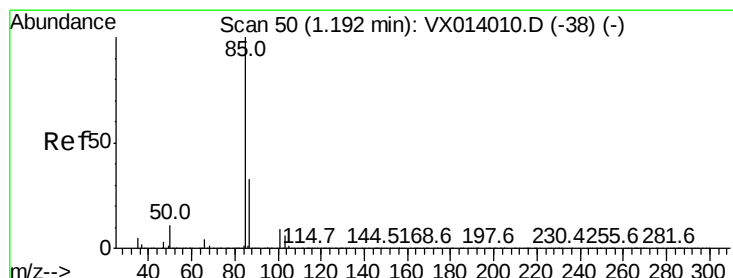
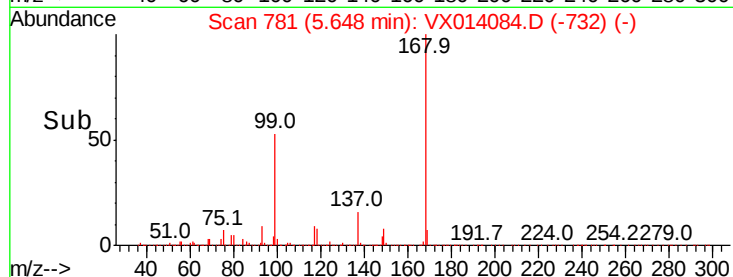
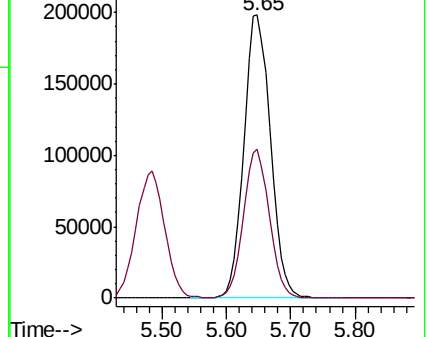
168 100

99 52.6 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 47.810 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014084.D

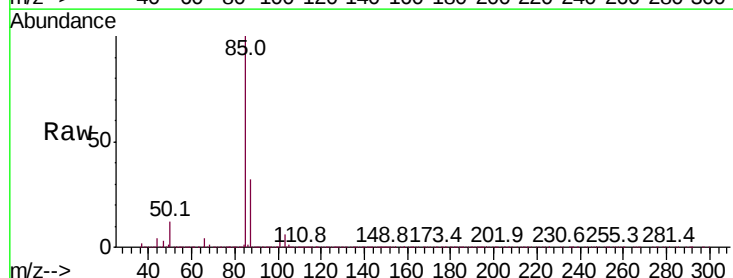
Acq: 18 Dec 2019 09:57

Tgt Ion: 85 Resp: 239627

Ion Ratio Lower Upper

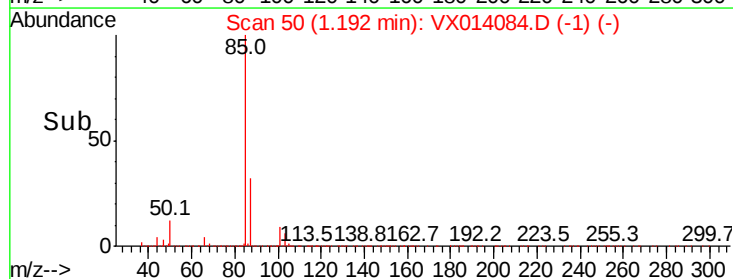
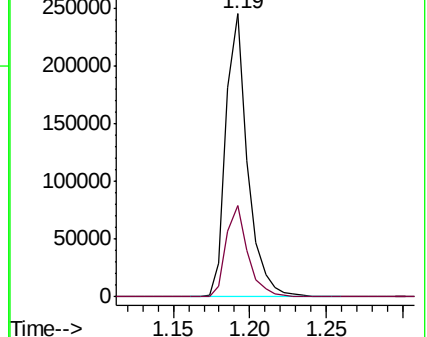
85 100

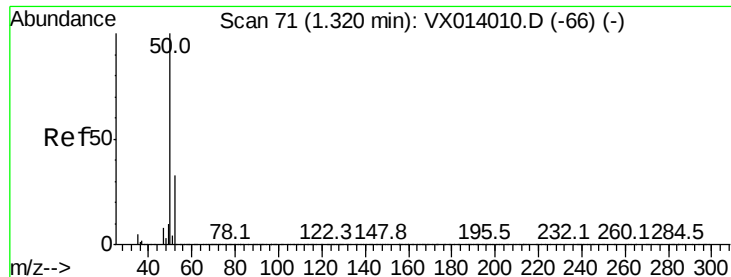
87 32.5 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 48.883 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

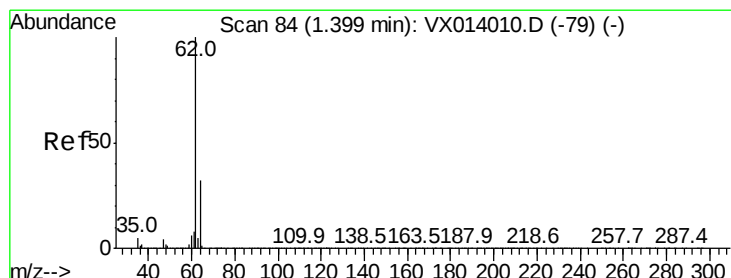
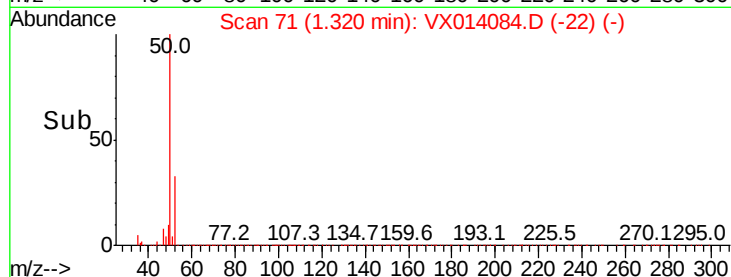
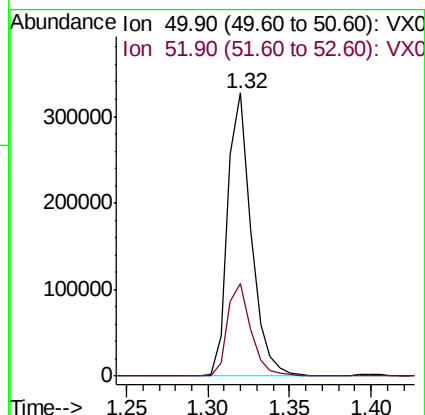
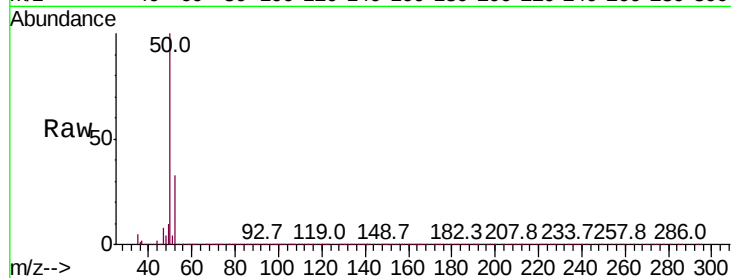
VSTDCCC050

Tot Ion: 50 Resp: 328798

Ion Ratio Lower Upper

50 100

52 32.7 26.2 39.4



#4

Vinyl Chloride

Concen: 48.831 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014084.D

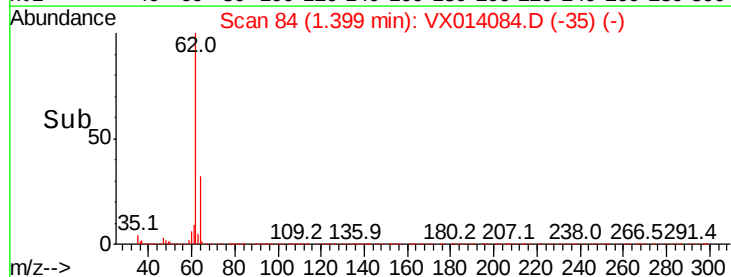
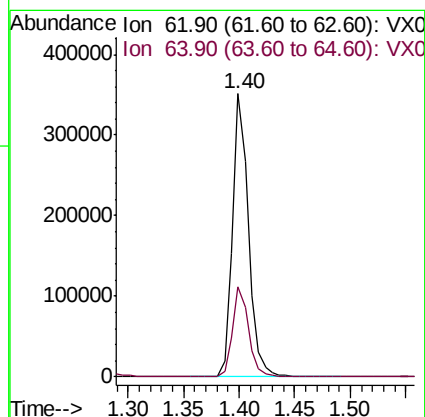
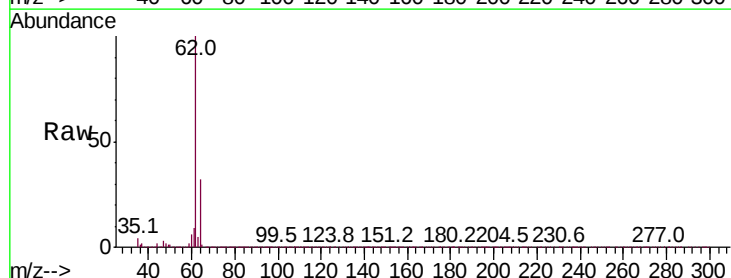
Acq: 18 Dec 2019 09:57

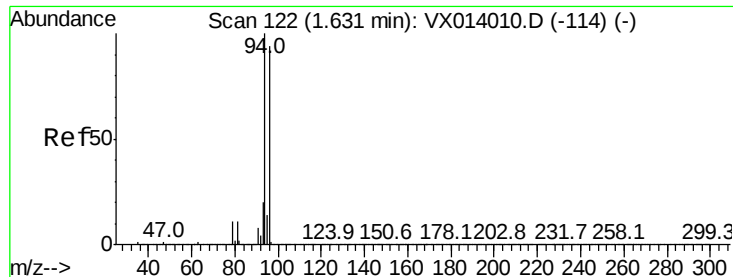
Tgt Ion: 62 Resp: 346571

Ion Ratio Lower Upper

62 100

64 31.8 25.7 38.5





#5

Bromomethane

Concen: 43.656 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

Instrument :

MSVOA_X

ClientSampled :

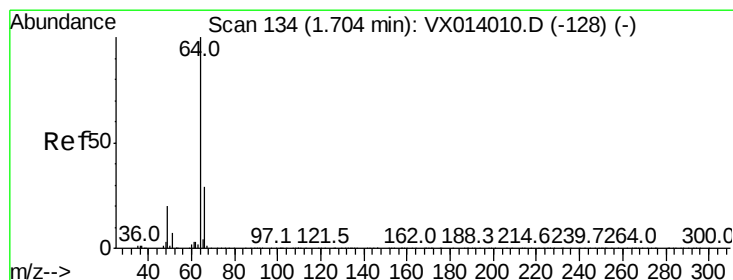
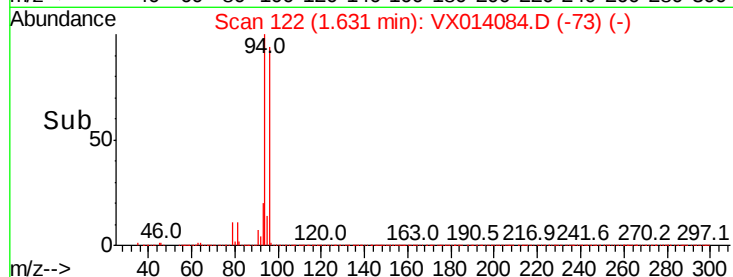
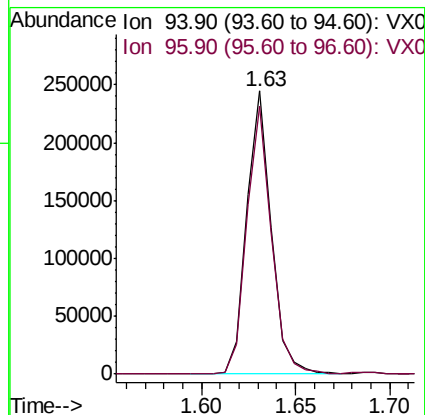
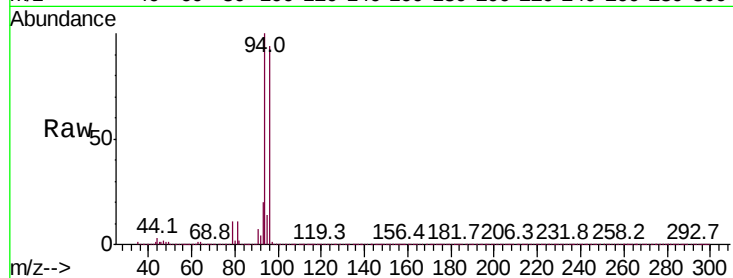
VSTDCCC050

Tot Ion: 94 Resp: 219915

Ion Ratio Lower Upper

94 100

96 94.4 75.2 112.8



#6

Chloroethane

Concen: 49.287 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014084.D

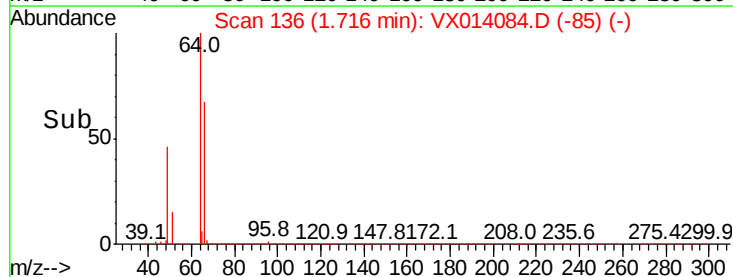
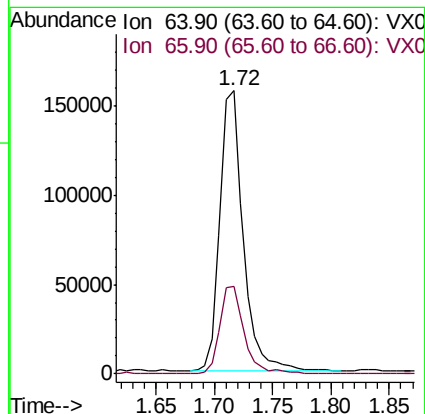
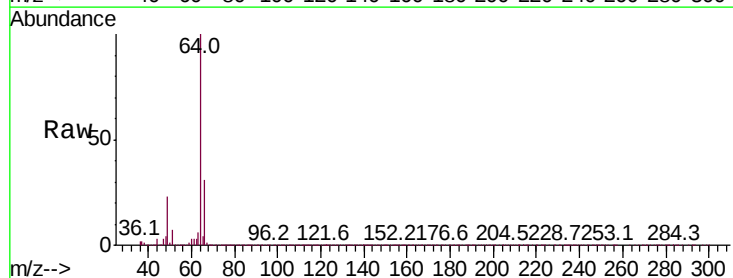
Acq: 18 Dec 2019 09:57

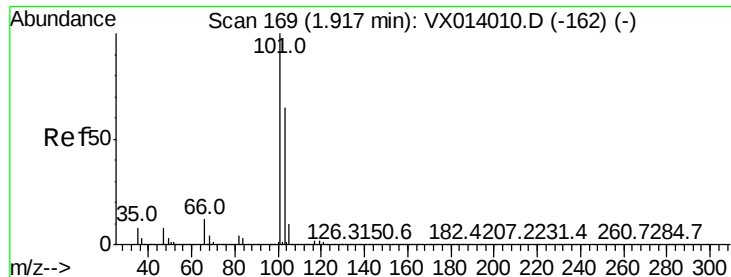
Tgt Ion: 64 Resp: 215897

Ion Ratio Lower Upper

64 100

66 31.1 23.4 35.2



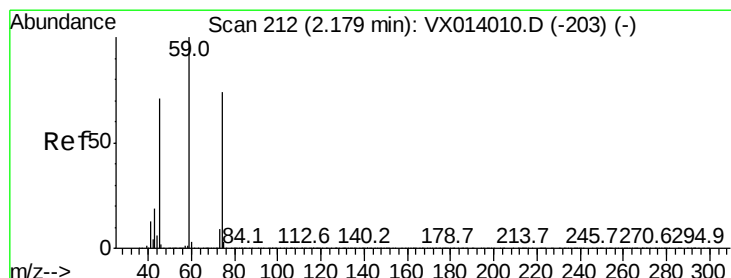
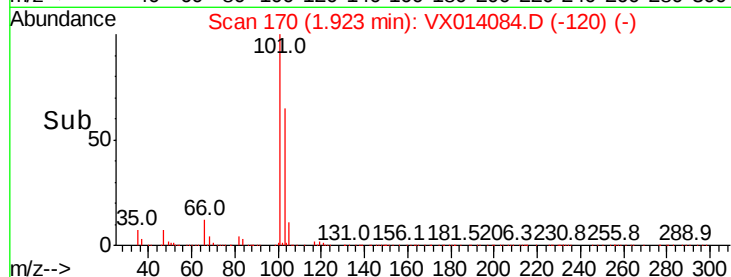
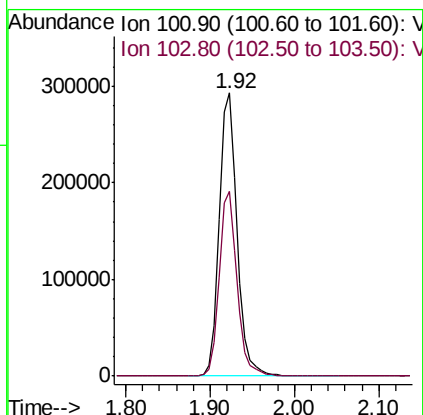
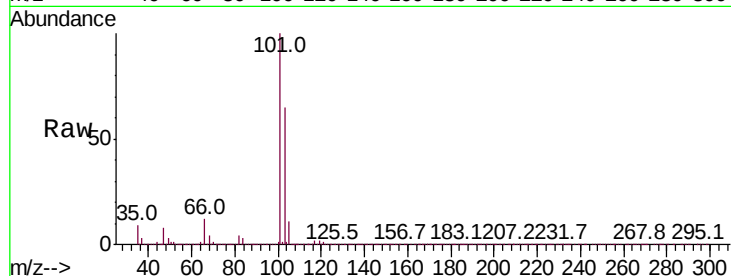


#7

Trichlorofluoromethane
Concen: 49.095 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

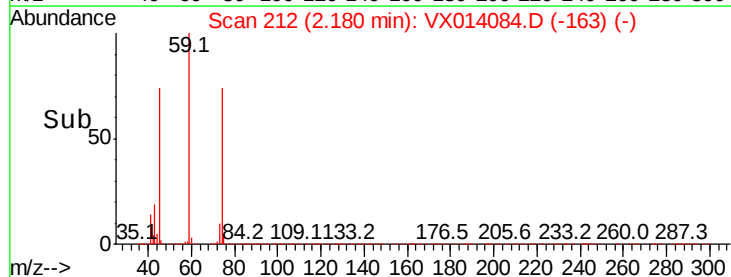
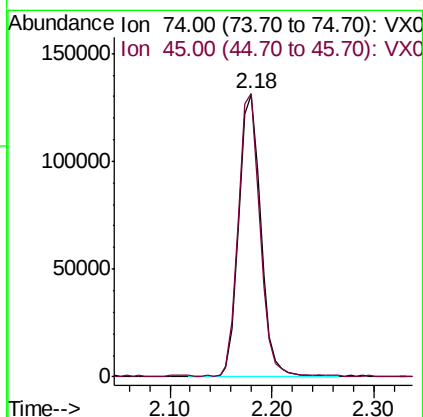
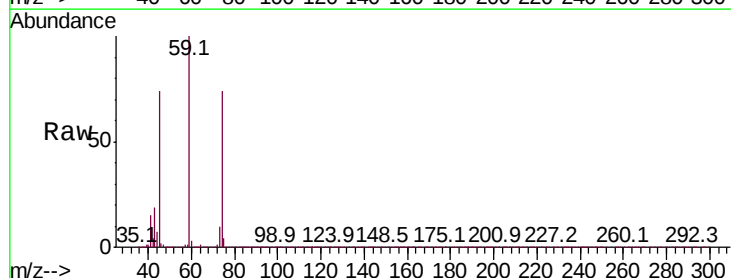
Tot Ion:101 Resp: 431341
Ion Ratio Lower Upper
101 100
103 65.3 52.2 78.4

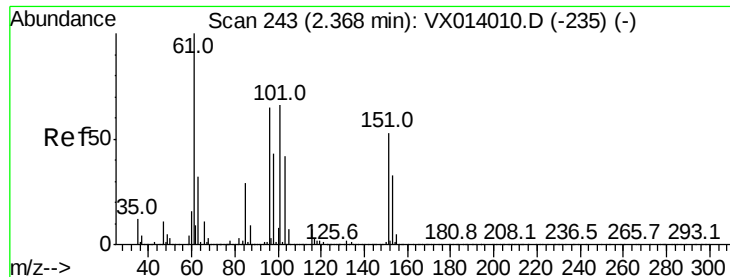


#8

Diethyl Ether
Concen: 46.793 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

Tgt Ion: 74 Resp: 192946
Ion Ratio Lower Upper
74 100
45 98.6 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.299 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

Instrument :

MSVOA_X

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VSTDCCC050

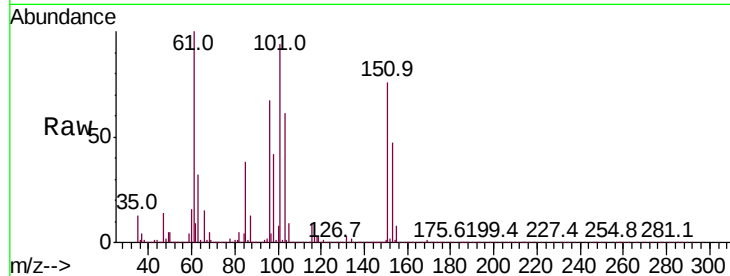
Tot Ion:101 Resp: 266393

Ion Ratio Lower Upper

101 100

85 41.0 33.7 50.5

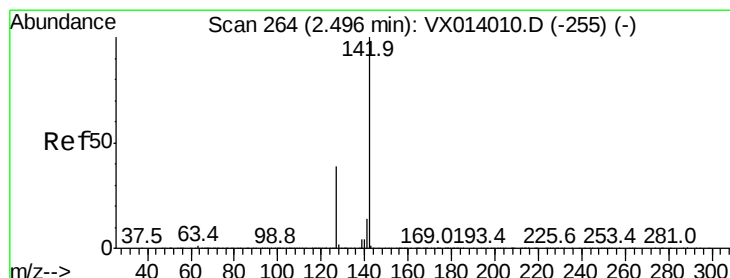
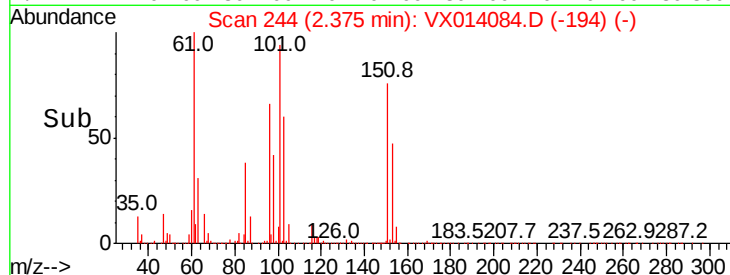
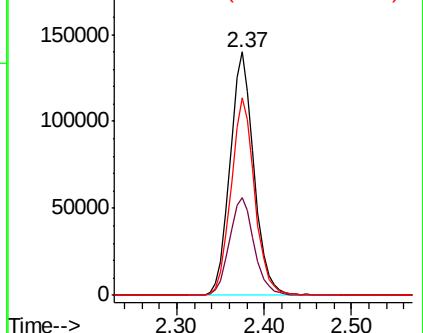
151 80.2 64.5 96.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.676 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

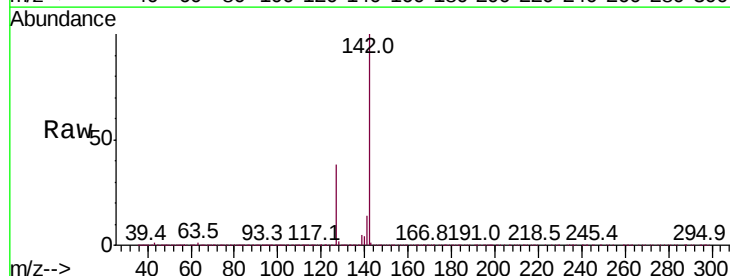
Tgt Ion:142 Resp: 354202

Ion Ratio Lower Upper

142 100

127 39.1 31.6 47.4

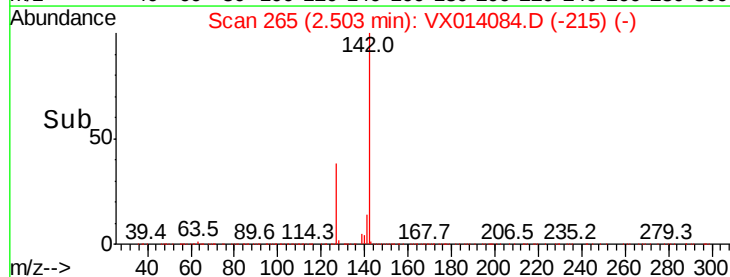
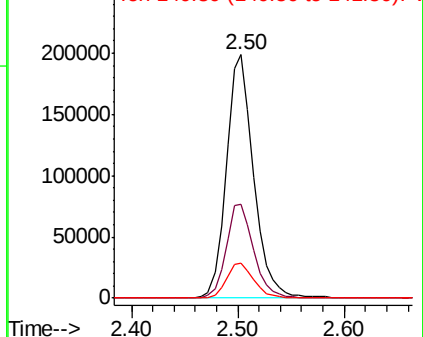
141 14.4 11.6 17.4

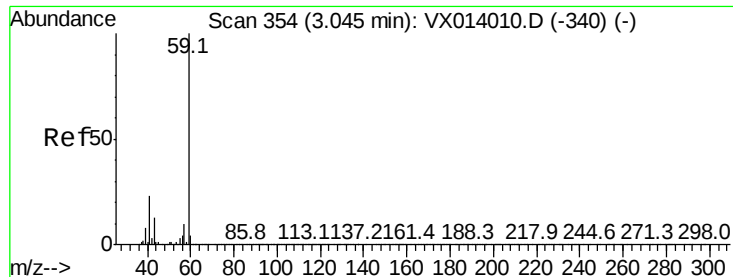


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



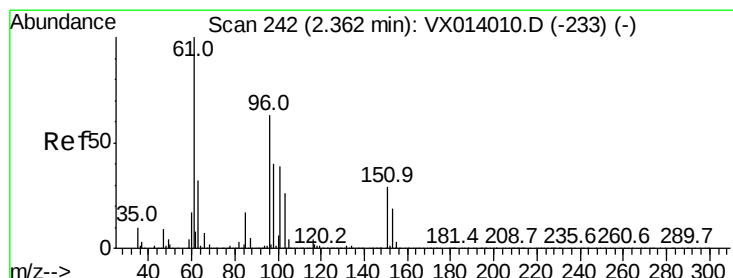
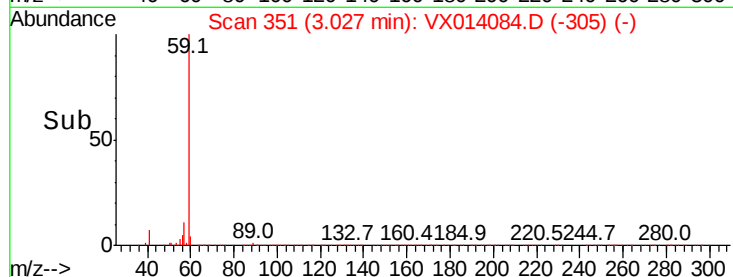
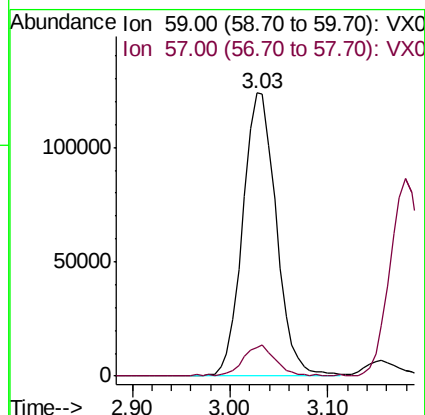
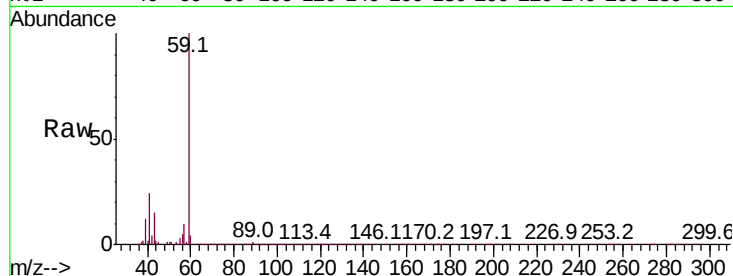


#11

Tert butyl alcohol
Concen: 214.164 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.02 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

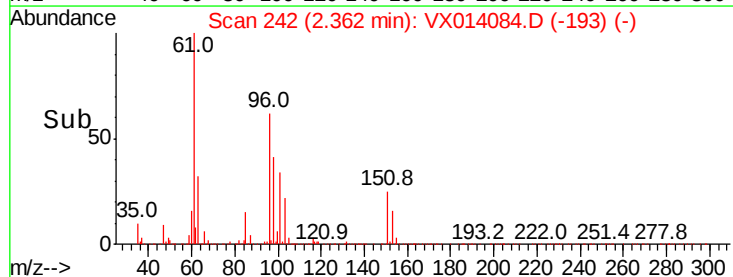
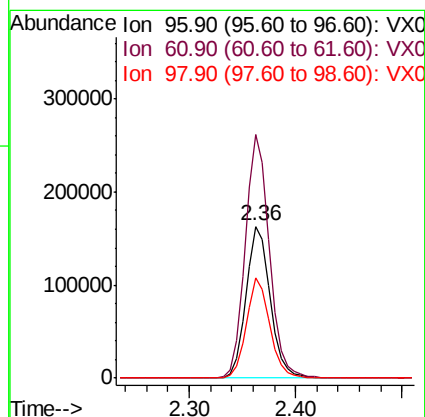
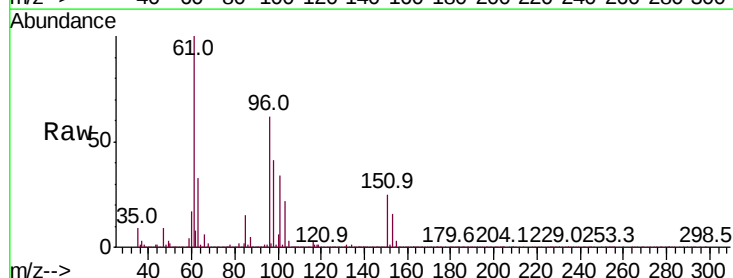
Tot Ion: 59 Resp: 293831
Ion Ratio Lower Upper
59 100
57 10.4 8.4 12.6

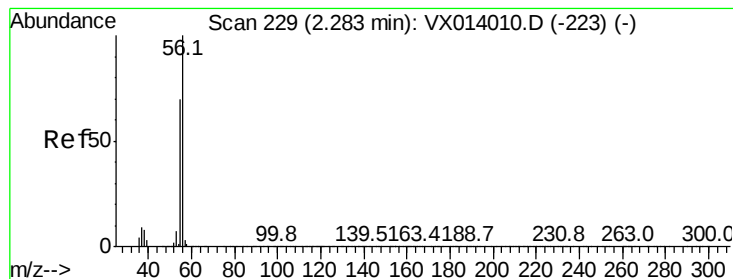


#12

1,1-Dichloroethene
Concen: 48.181 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

Tgt Ion: 96 Resp: 259653
Ion Ratio Lower Upper
96 100
61 160.4 127.9 191.9
98 65.6 50.5 75.7





#13

Acrolein

Concen: 333.643 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

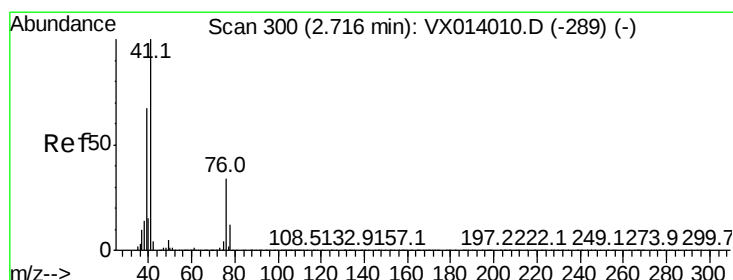
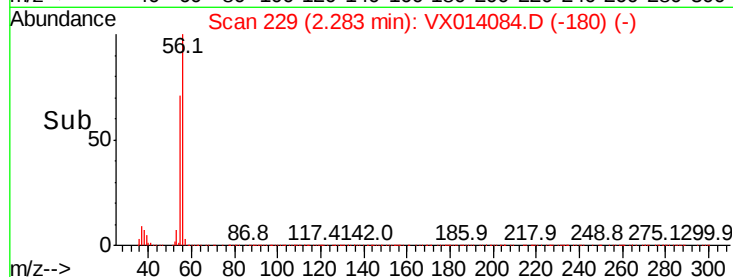
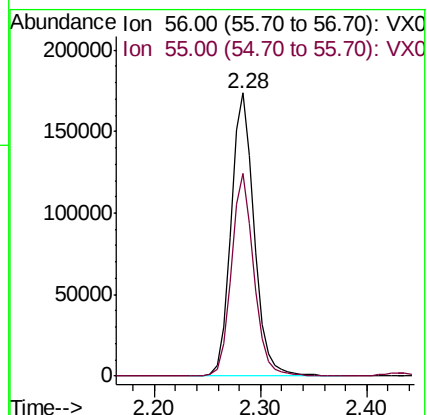
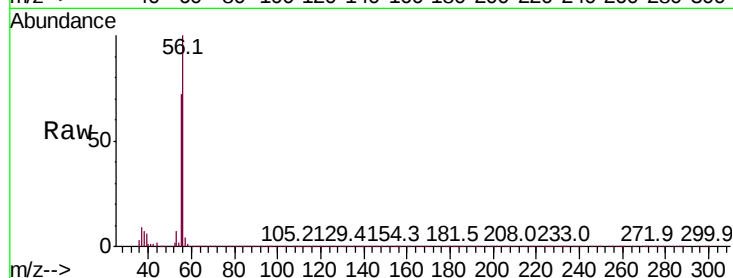
VSTDCCC050

Tot Ion: 56 Resp: 262033

Ion Ratio Lower Upper

56 100

55 69.5 56.9 85.3



#14

Allyl chloride

Concen: 50.209 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

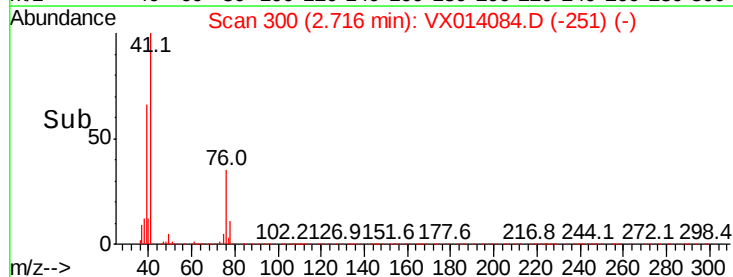
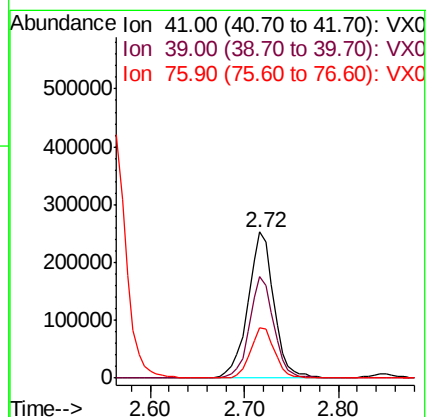
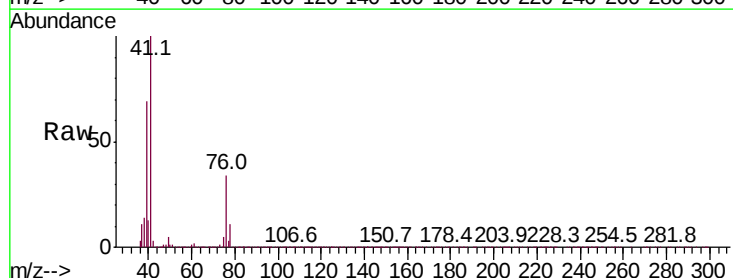
Tgt Ion: 41 Resp: 483121

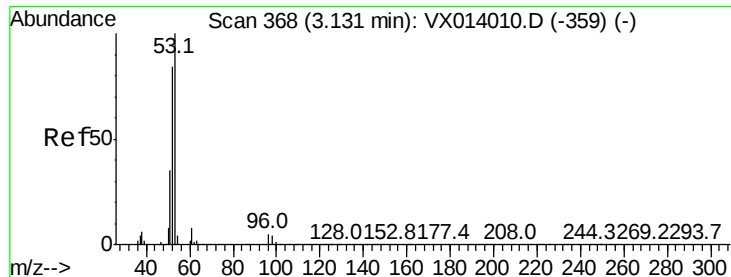
Ion Ratio Lower Upper

41 100

39 64.6 51.8 77.8

76 31.9 25.9 38.9

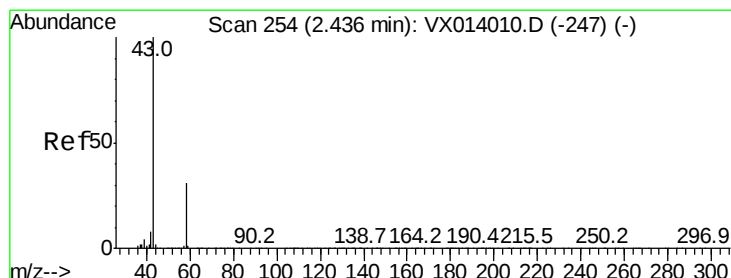
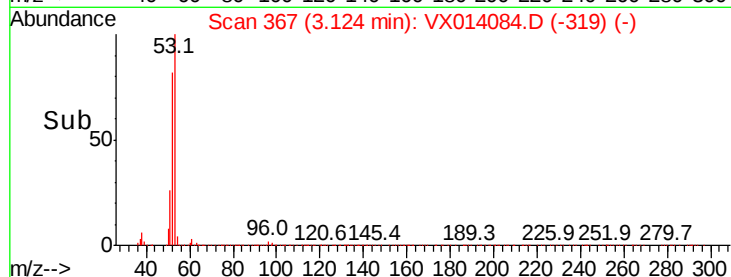
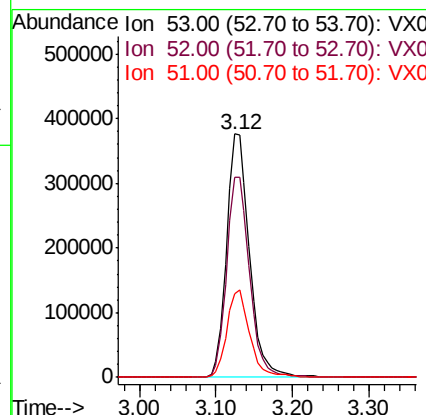
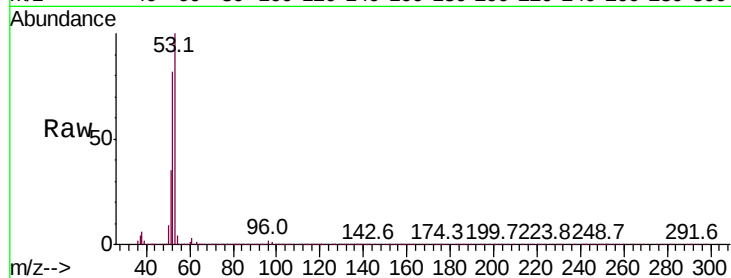




#15
 Acrylonitrile
 Concen: 241.318 ug/l
 RT: 3.12 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VX014084.D
 Acq: 18 Dec 2019 09:57

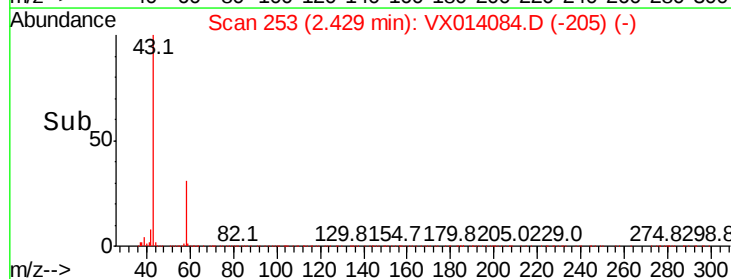
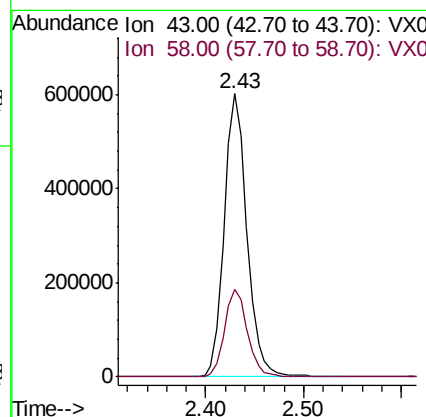
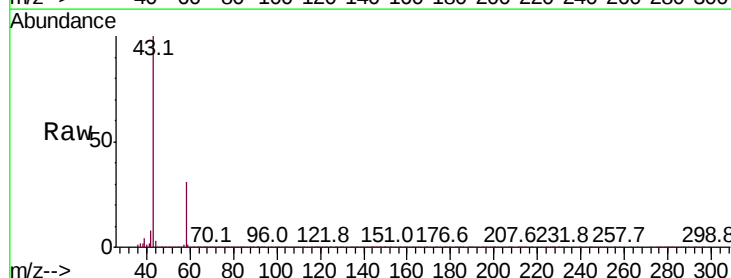
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

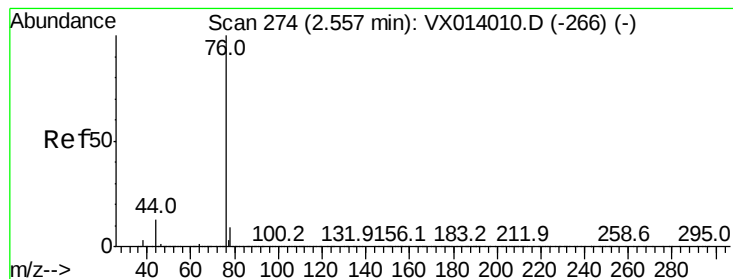
Tot Ion	Ratio	Lower	Upper
53	100		
52	83.2	66.5	99.7
51	36.3	28.1	42.1



#16
 Acetone
 Concen: 233.585 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.01 min
 Lab File: VX014084.D
 Acq: 18 Dec 2019 09:57

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.2	24.9	37.3





#17

Carbon Disulfide

Concen: 48.200 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

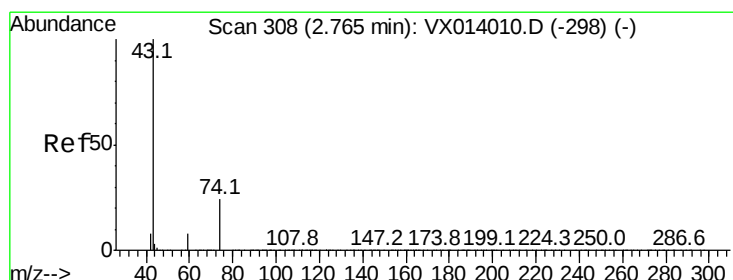
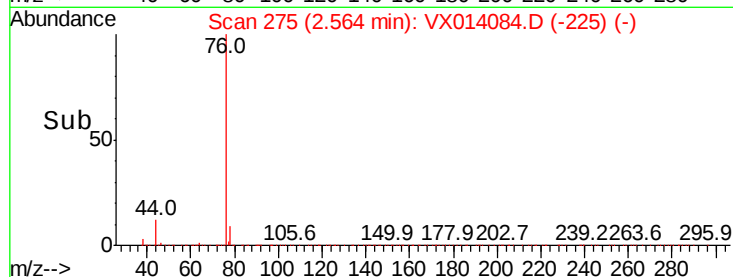
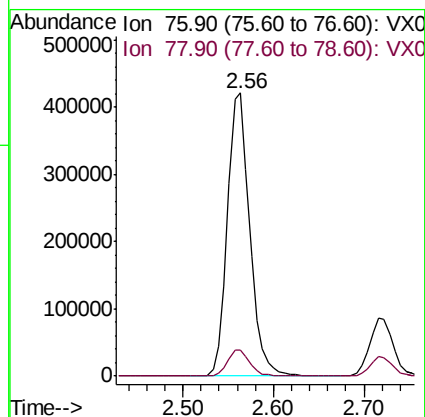
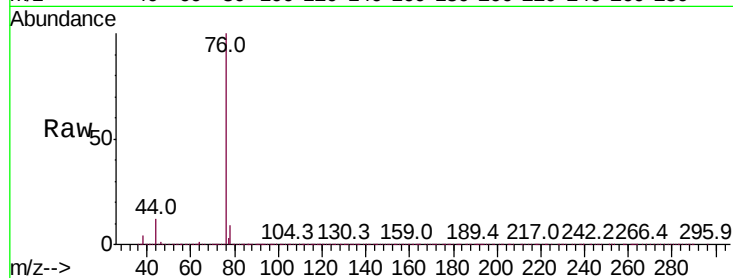
VSTDCCC050

Tot Ion: 76 Resp: 720714

Ion Ratio Lower Upper

76 100

78 9.4 7.2 10.8



#18

Methyl Acetate

Concen: 48.359 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014084.D

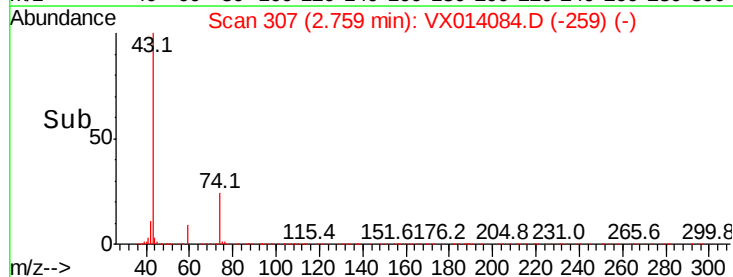
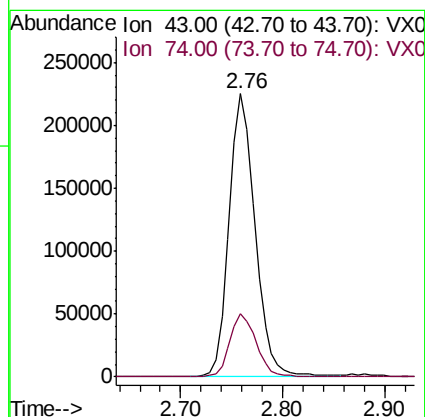
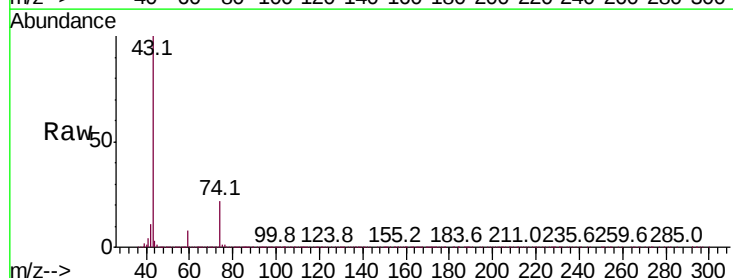
Acq: 18 Dec 2019 09:57

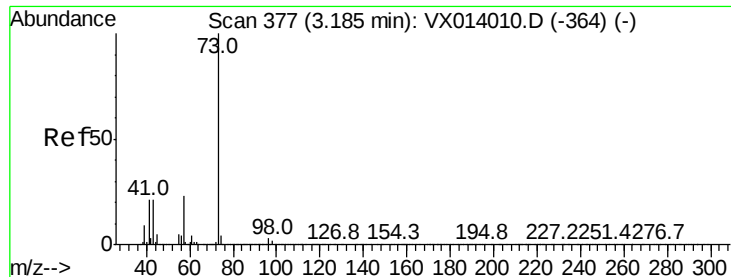
Tgt Ion: 43 Resp: 395014

Ion Ratio Lower Upper

43 100

74 22.7 19.5 29.3



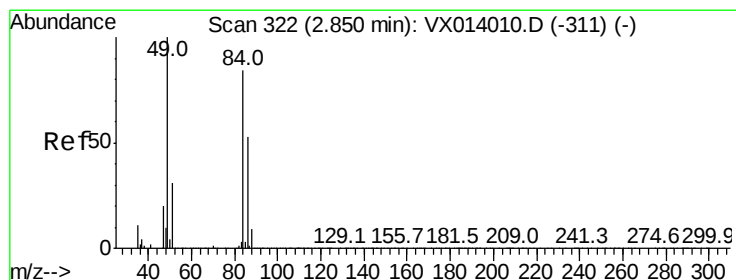
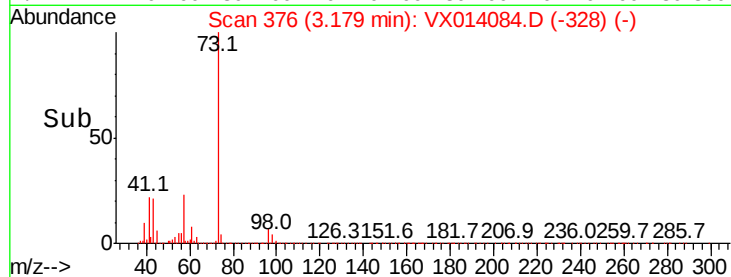
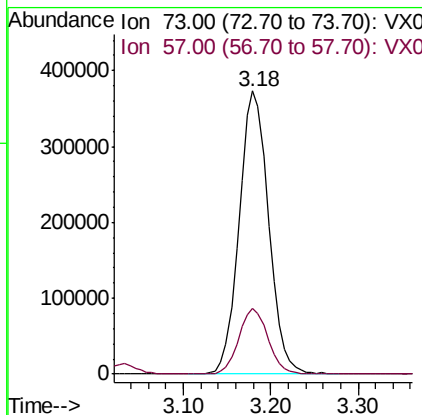
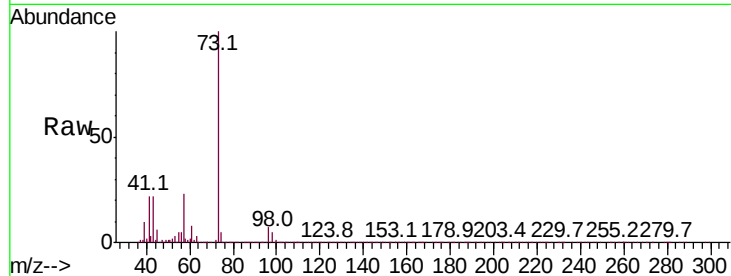


#19

Methyl tert-butyl Ether
 Concen: 49.137 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014084.D
 Acq: 18 Dec 2019 09:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

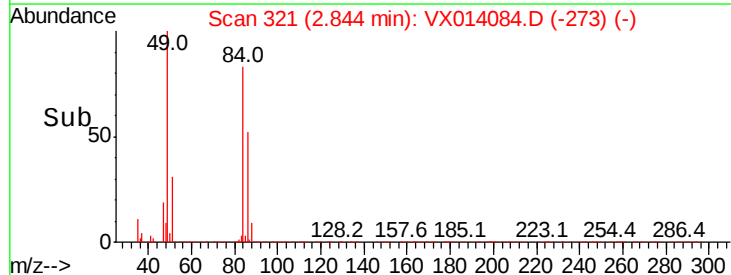
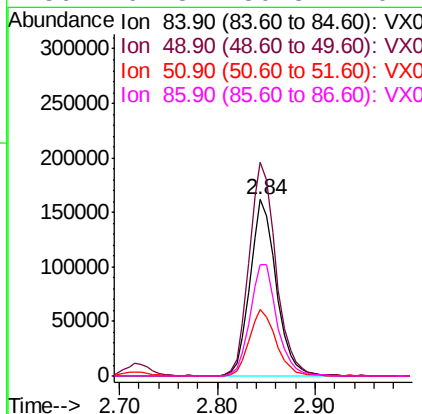
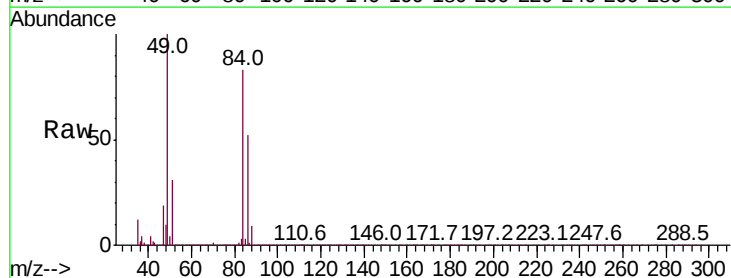
Tot Ion: 73 Resp: 870156
 Ion Ratio Lower Upper
 73 100
 57 23.0 18.8 28.2

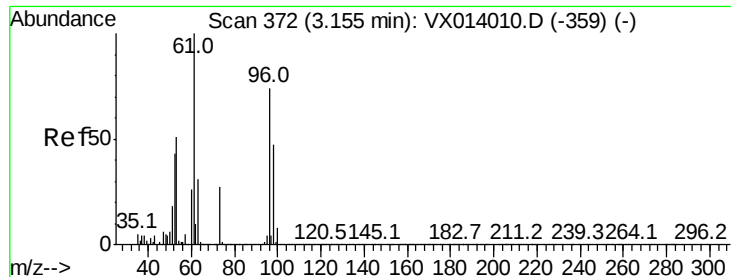


#20

Methylene Chloride
 Concen: 46.152 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VX014084.D
 Acq: 18 Dec 2019 09:57

Tgt Ion: 84 Resp: 299591
 Ion Ratio Lower Upper
 84 100
 49 120.8 95.8 143.6
 51 37.8 29.8 44.8
 86 62.8 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 48.459 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

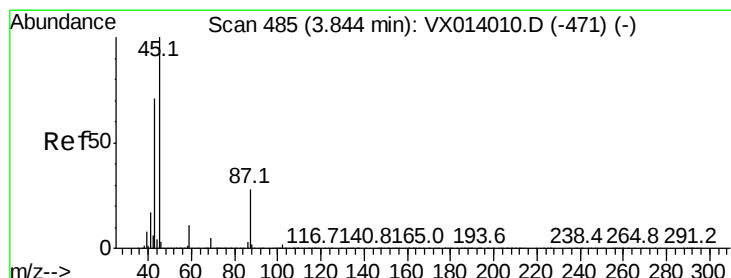
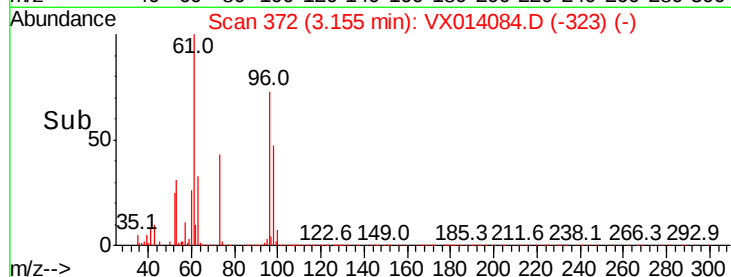
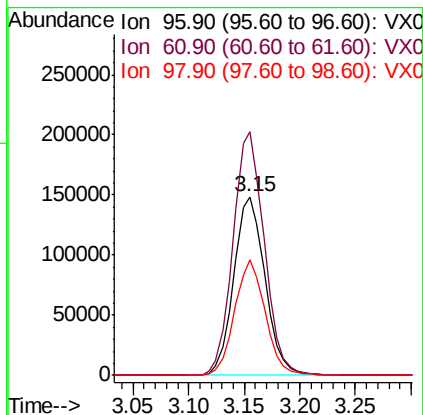
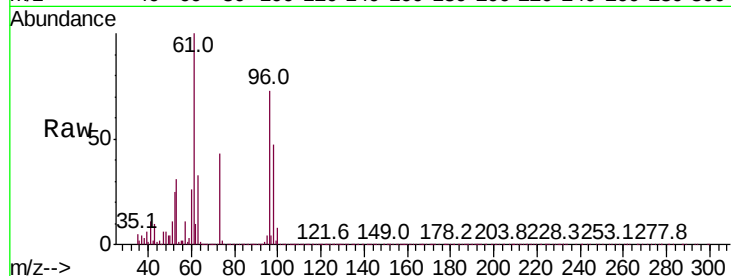
Tot Ion: 96 Resp: 287710

Ion Ratio Lower Upper

96 100

61 136.3 108.3 162.5

98 64.5 50.8 76.2



#22

Diisopropyl ether

Concen: 50.406 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

Tgt Ion: 45 Resp: 966509

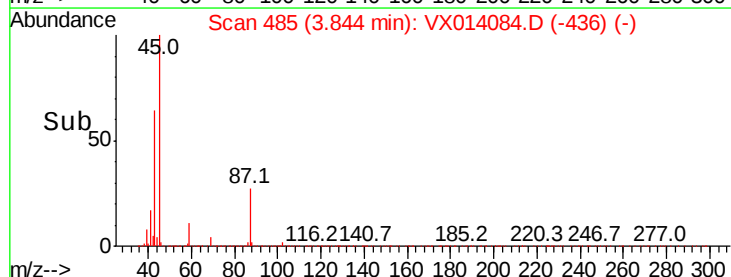
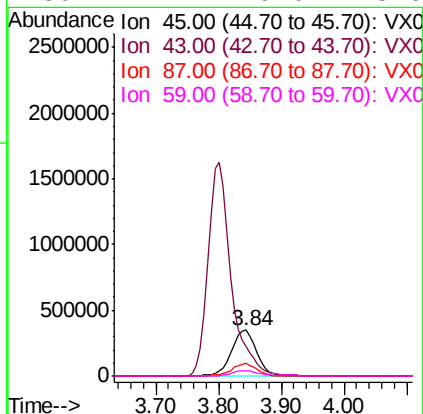
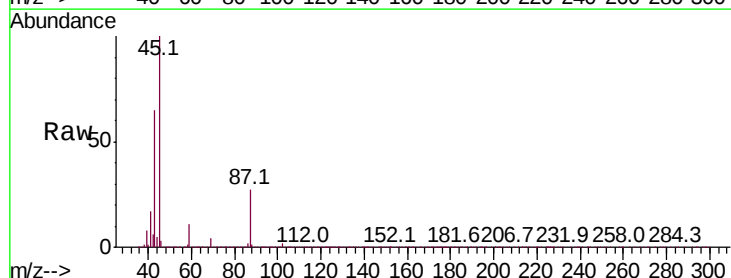
Ion Ratio Lower Upper

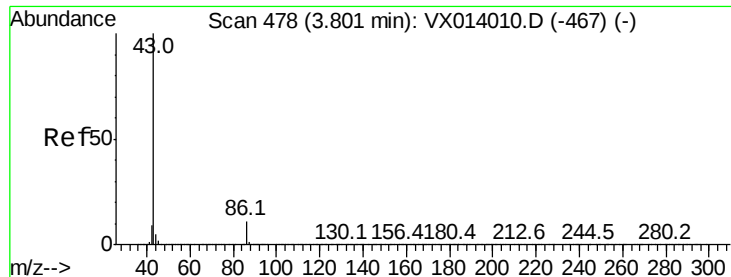
45 100

43 64.1 57.4 86.0

87 26.9 21.9 32.9

59 11.2 9.0 13.6





#23

Vinyl Acetate

Concen: 265.321 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

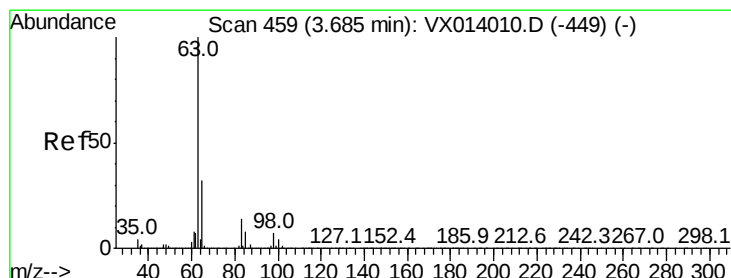
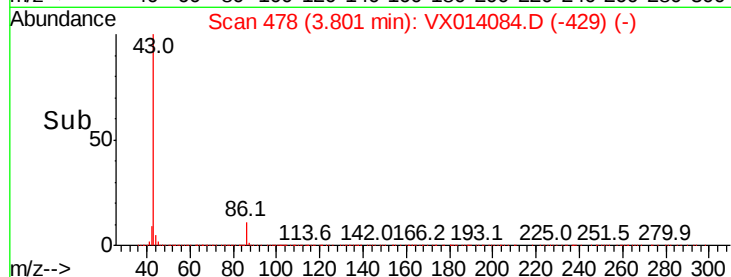
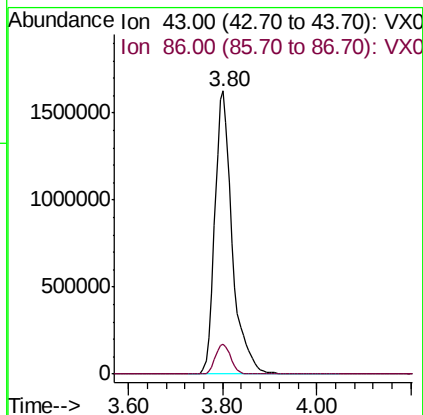
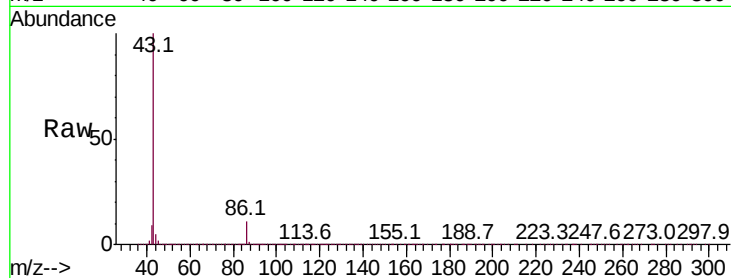
VSTDCCC050

Tot Ion: 43 Resp: 4151617

Ion Ratio Lower Upper

43 100

86 10.6 8.6 12.8



#24

1,1-Dichloroethane

Concen: 48.679 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

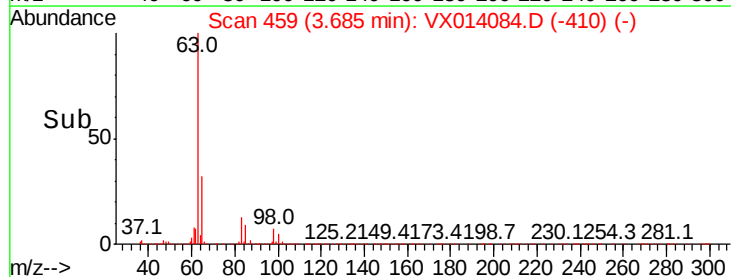
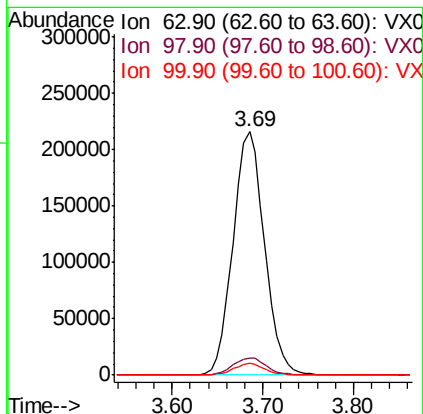
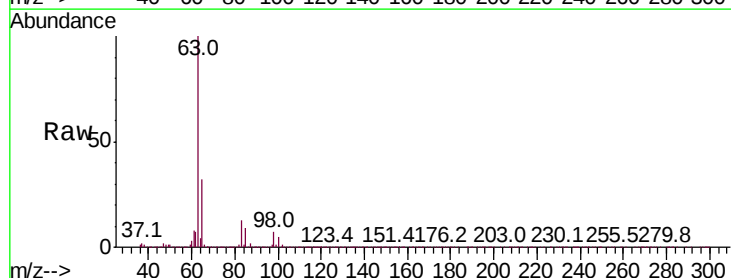
Tgt Ion: 63 Resp: 519310

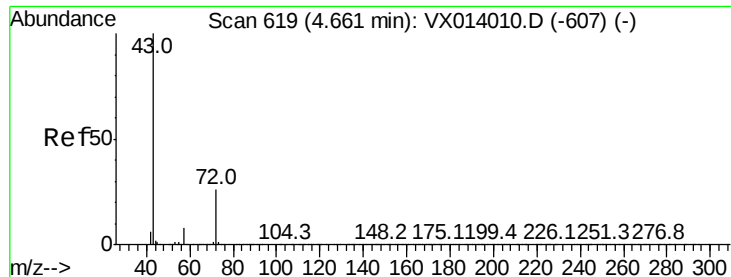
Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.8

100 5.0 2.3 6.8





#25

2-Butanone

Concen: 244.469 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

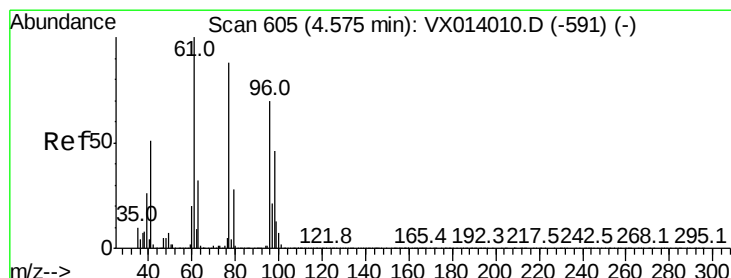
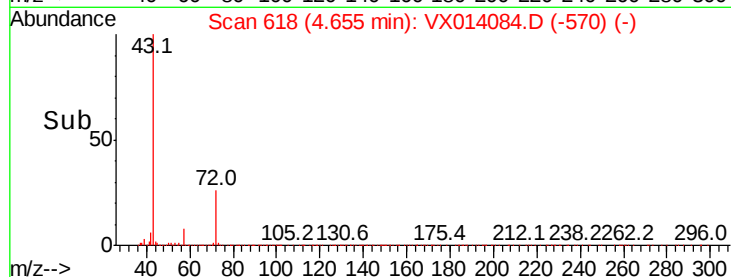
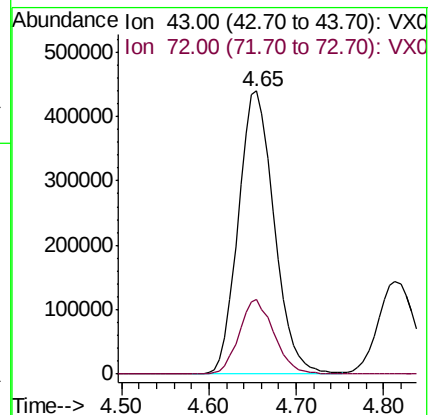
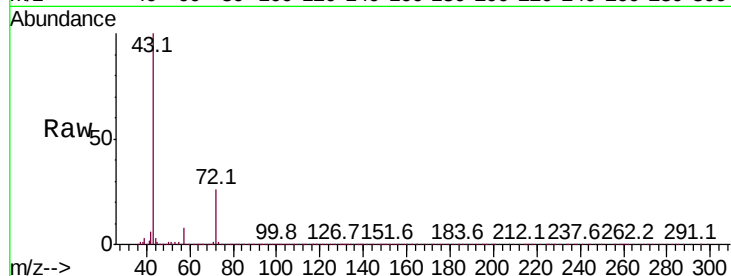
VSTDCCC050

Tot Ion: 43 Resp: 1242441

Ion Ratio Lower Upper

43 100

72 26.2 21.0 31.4



#26

2,2-Dichloropropane

Concen: 49.916 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014084.D

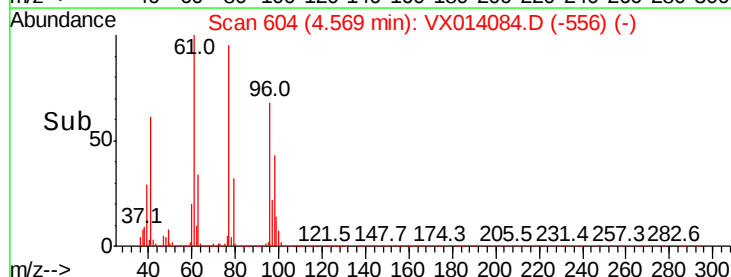
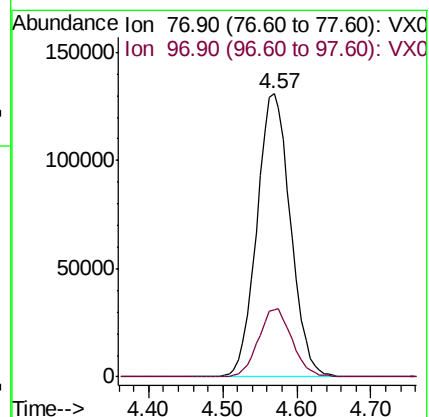
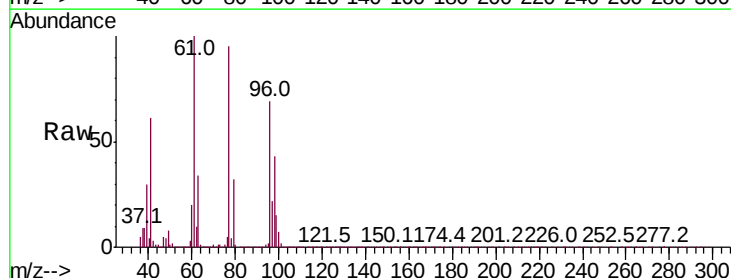
Acq: 18 Dec 2019 09:57

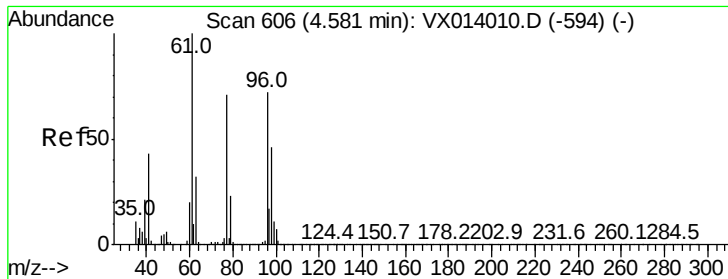
Tgt Ion: 77 Resp: 413445

Ion Ratio Lower Upper

77 100

97 24.1 11.9 35.9



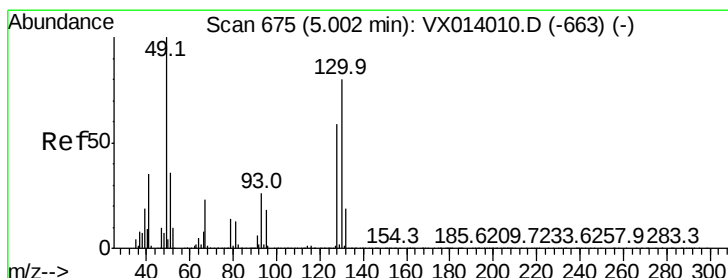
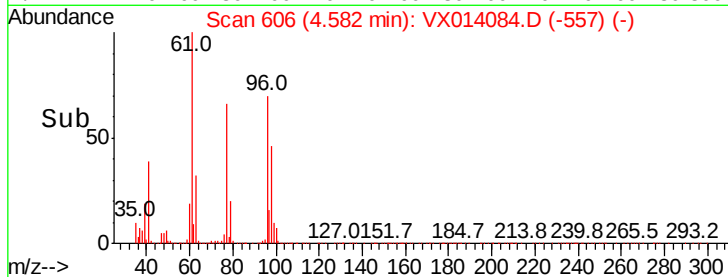
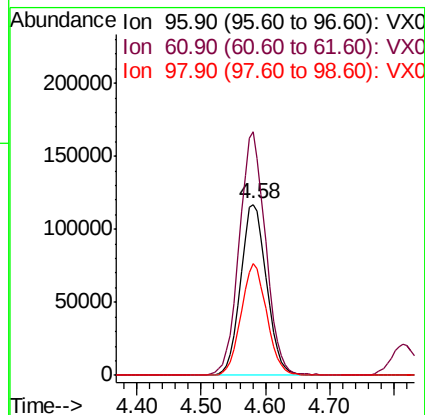
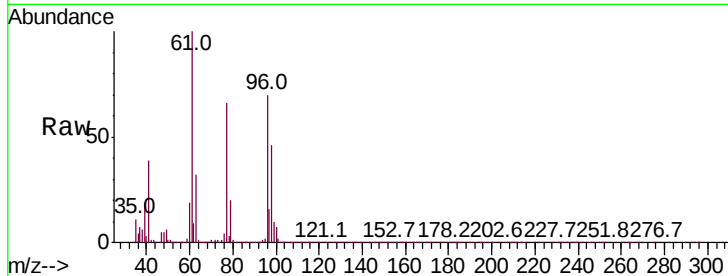


#27

cis-1,2-Dichloroethene
 Concen: 48.735 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VX014084.D
 Acq: 18 Dec 2019 09:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

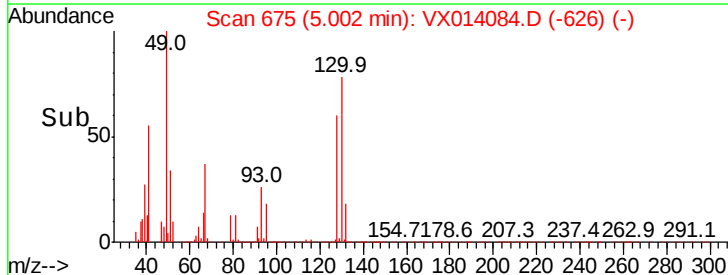
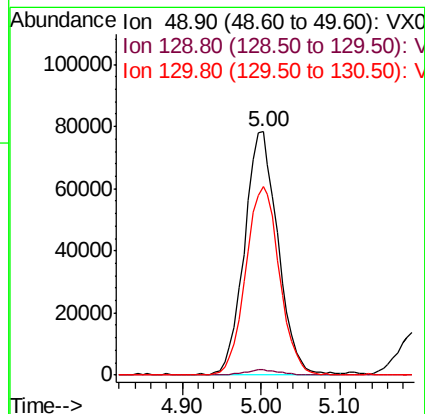
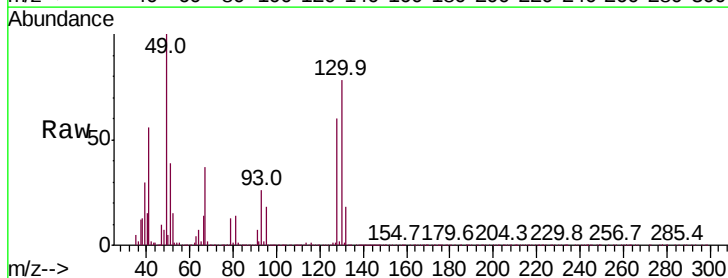
Tot Ion	96	Resp	327236
Ion Ratio	Lower	Upper	
96	100		
61	143.9	0.0	288.4
98	64.6	0.0	129.6

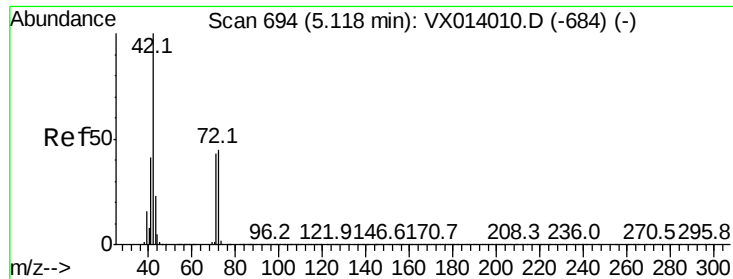


#28

Bromochloromethane
 Concen: 55.964 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: VX014084.D
 Acq: 18 Dec 2019 09:57

Tgt Ion	49	Resp	229830
Ion Ratio	Lower	Upper	
49	100		
129	2.4	0.0	5.0
130	78.2	64.6	97.0

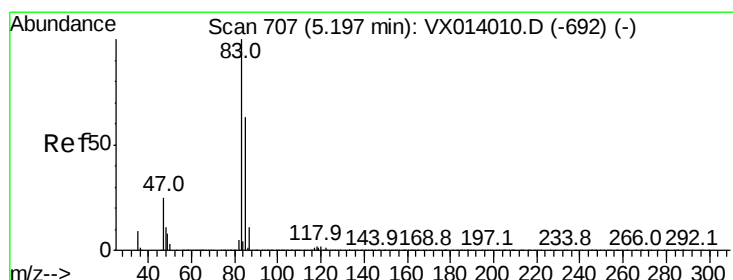
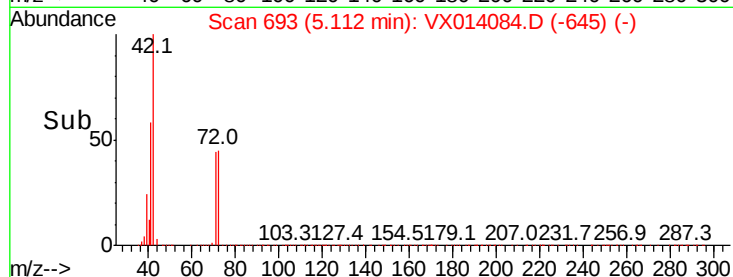
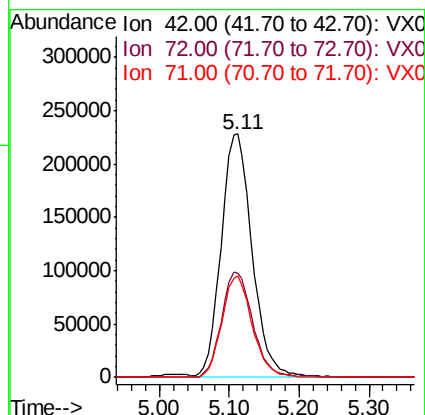
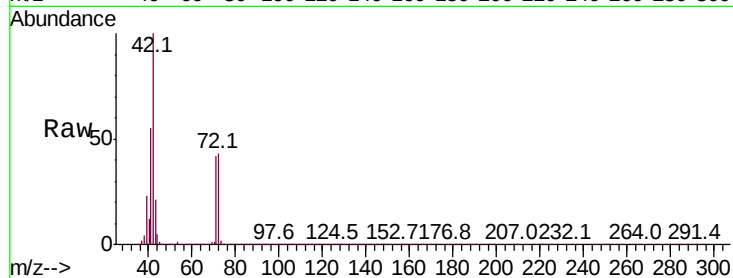




#29
Tetrahydrofuran
Concen: 245.517 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

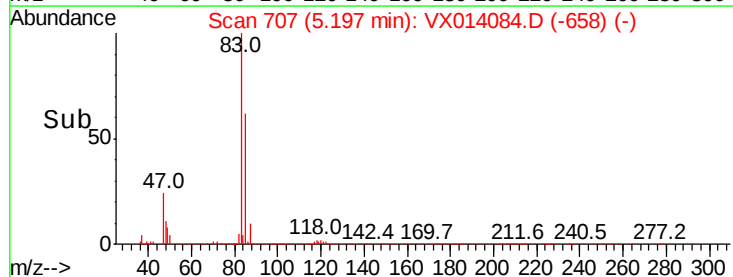
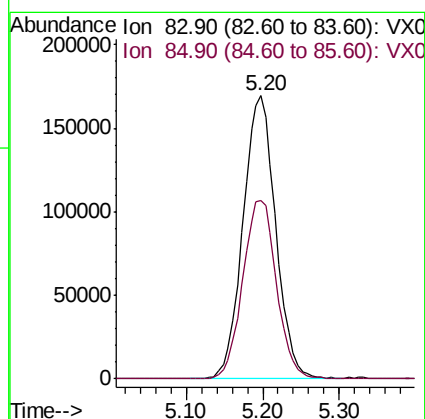
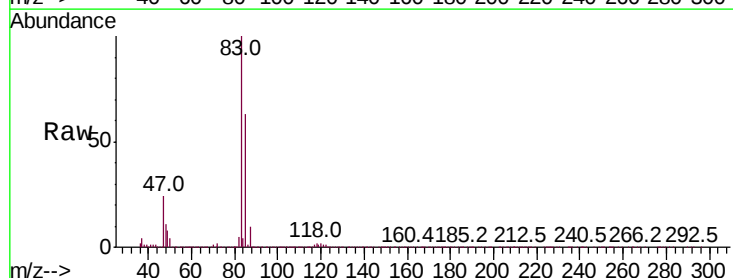
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

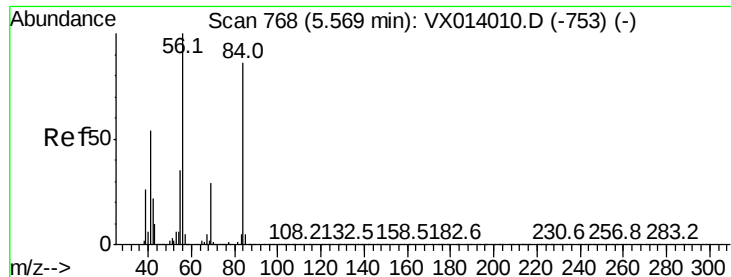
Tot Ion	Ratio	Lower	Upper
42	100		
72	43.9	35.8	53.8
71	40.9	33.6	50.4



#30
Chloroform
Concen: 49.592 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.8	50.8	76.2

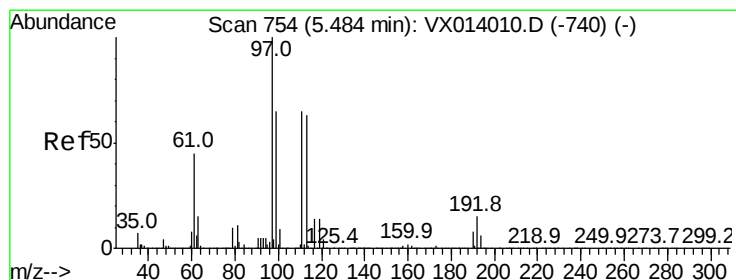
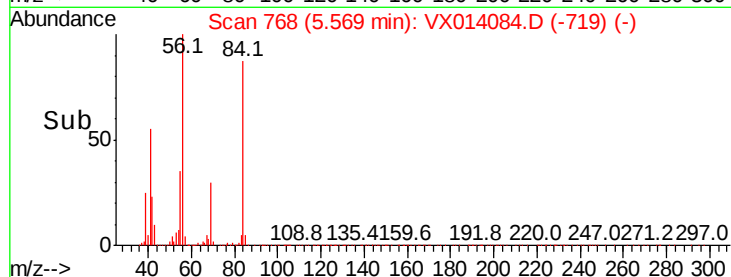
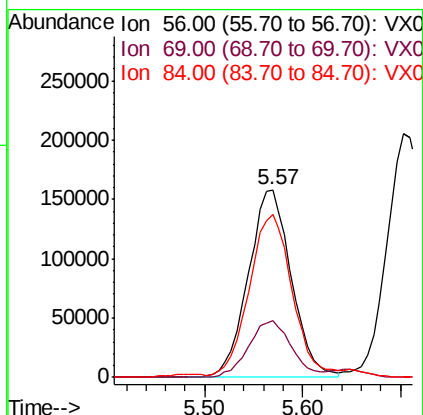
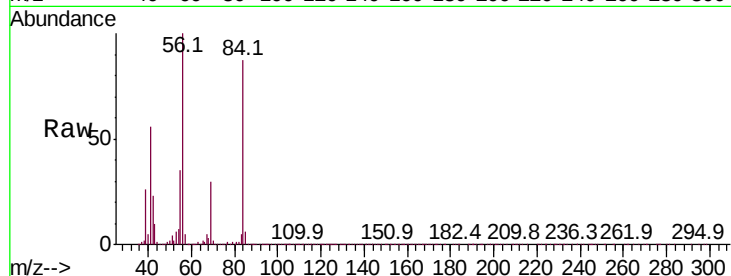




#31
Cyclohexane
Concen: 50.765 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

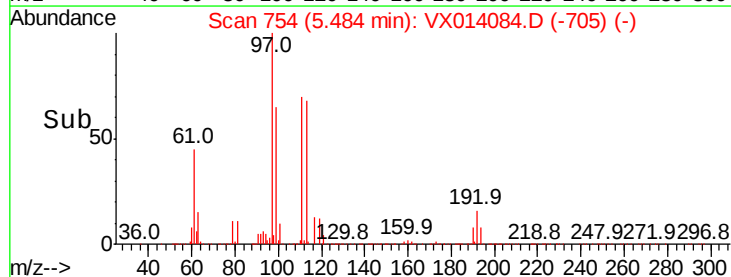
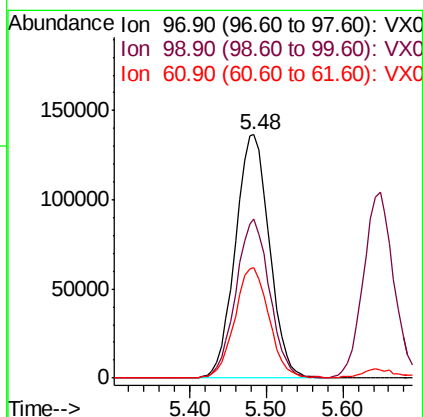
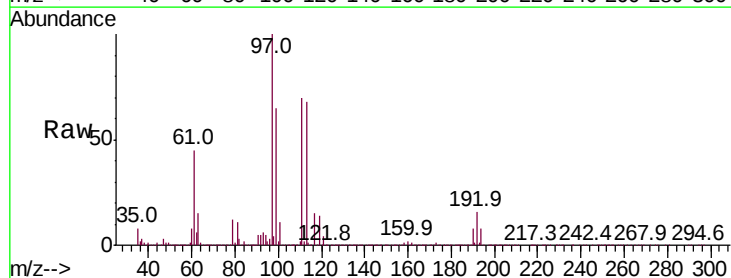
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

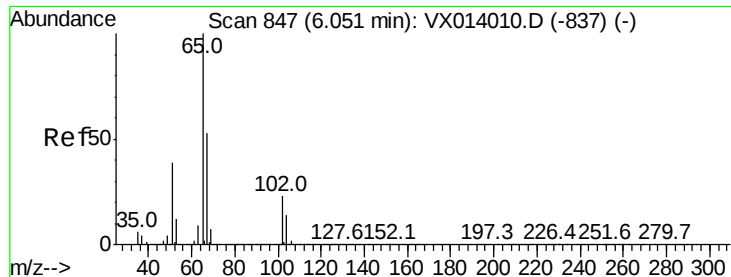
Tot Ion: 56 Resp: 481658
Ion Ratio Lower Upper
56 100
69 29.9 23.2 34.8
84 85.7 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 48.958 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

Tgt Ion: 97 Resp: 421967
Ion Ratio Lower Upper
97 100
99 64.7 52.0 78.0
61 45.0 36.7 55.1





#33

1,2-Dichloroethane-d4

Concen: 50.915 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

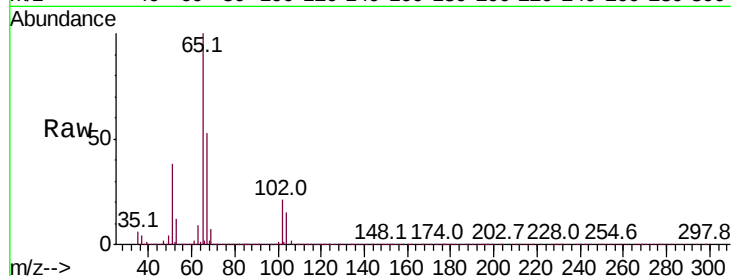
VSTDCCC050

Tot Ion: 65 Resp: 323288

Ion Ratio Lower Upper

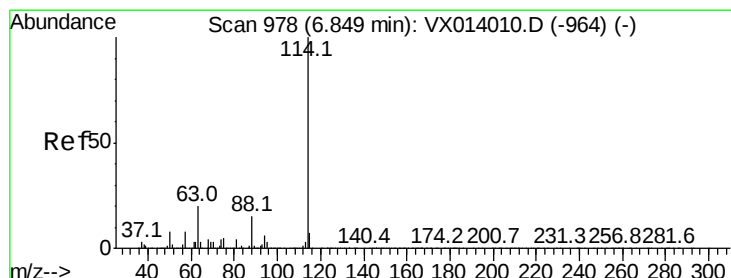
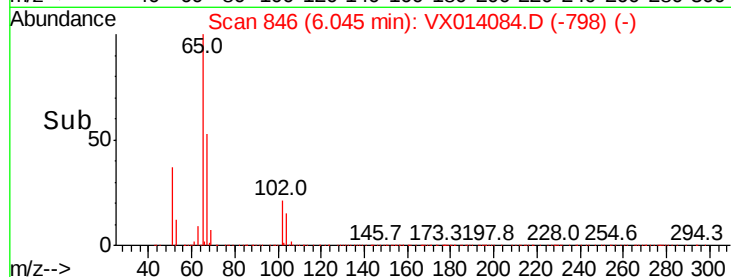
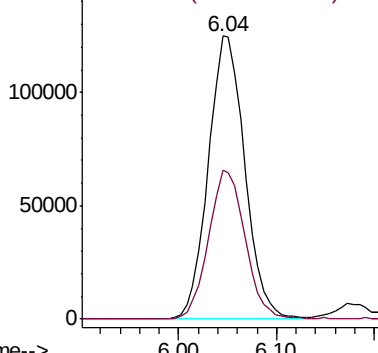
65 100

67 52.4 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

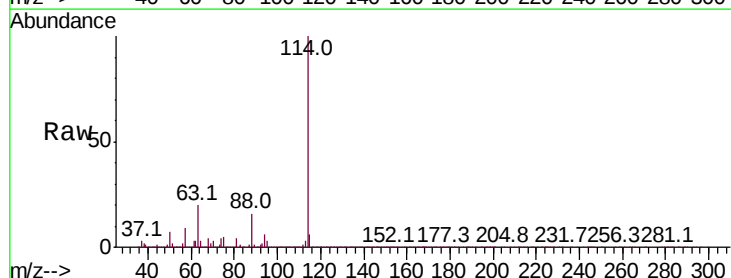
Tgt Ion: 114 Resp: 849275

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.8

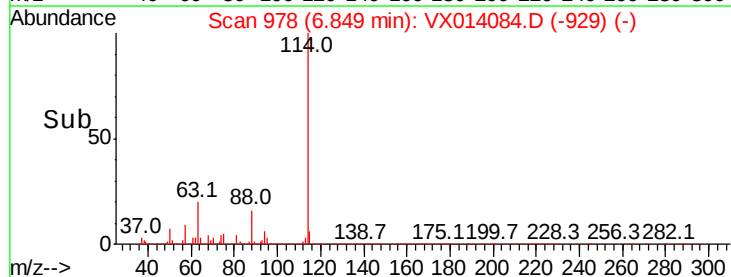
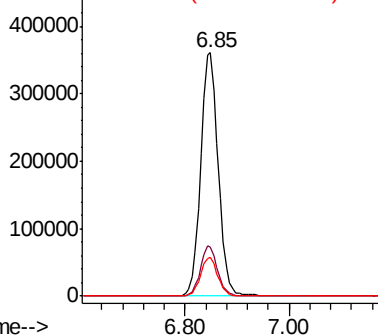
88 15.8 0.0 30.4

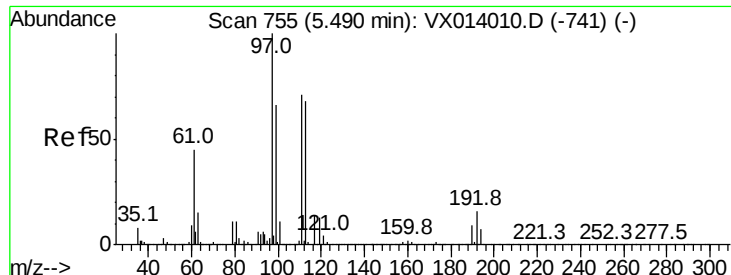


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.382 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

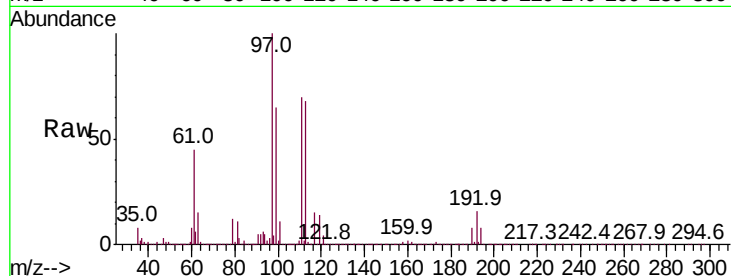
Tot Ion:113 Resp: 270430

Ion Ratio Lower Upper

113 100

111 101.7 82.0 123.0

192 23.2 19.3 28.9



Abundance

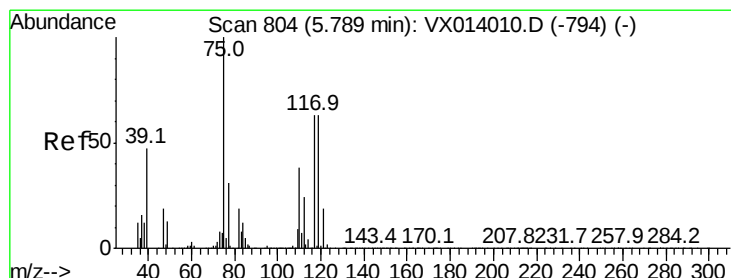
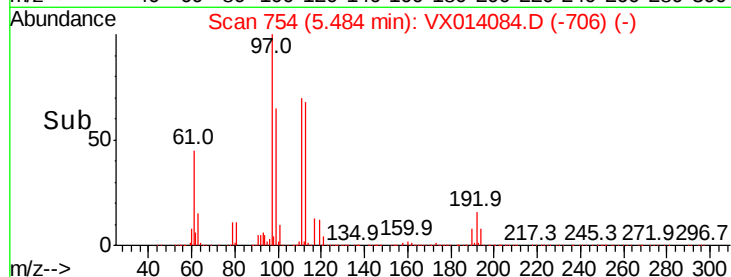
Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

5.48

Time-->



#36

1,1-Dichloropropene

Concen: 50.212 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

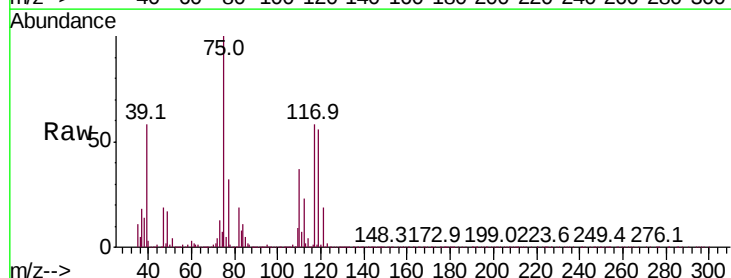
Tgt Ion: 75 Resp: 391284

Ion Ratio Lower Upper

75 100

110 36.1 18.3 54.9

77 31.5 24.8 37.2



Abundance

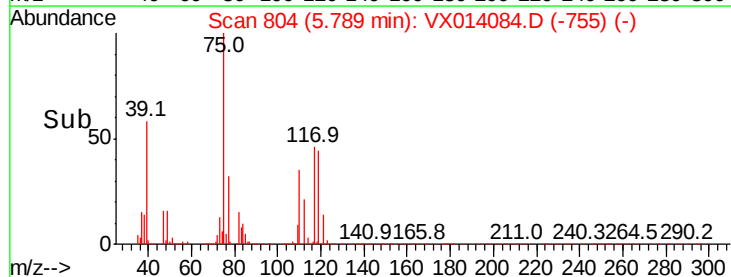
Ion 74.90 (74.60 to 75.60): VX0

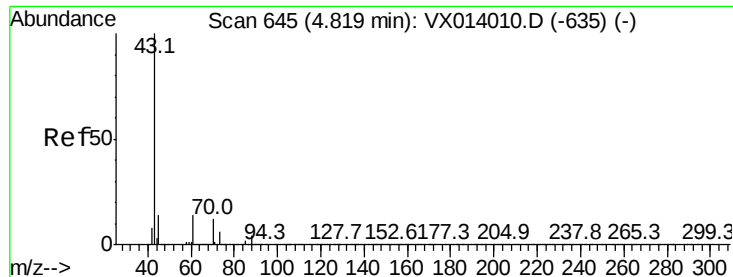
Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

5.79

Time-->

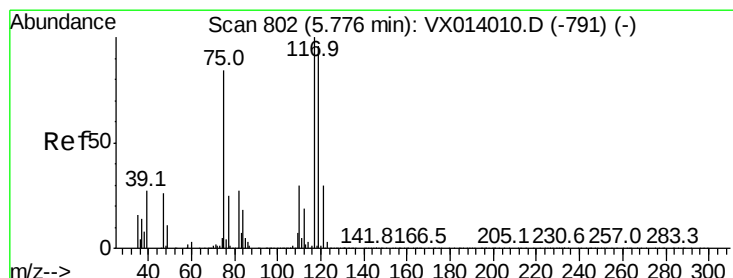
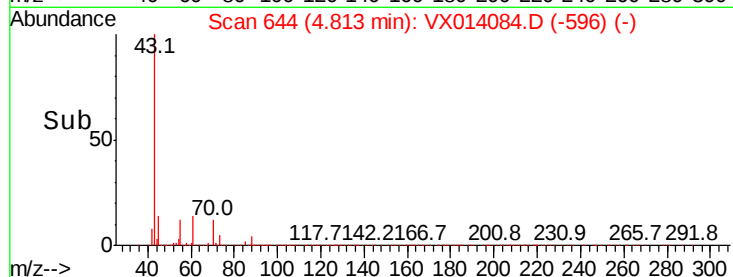
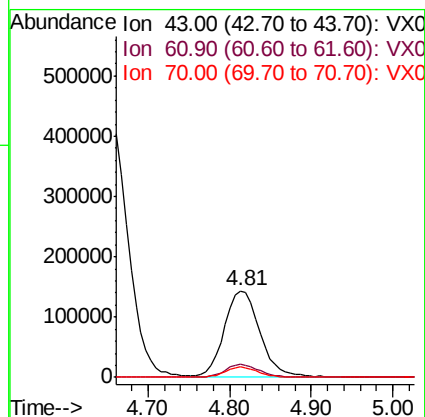
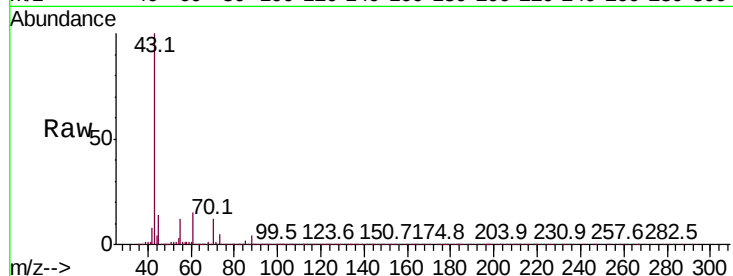




#37
Ethyl Acetate
Concen: 49.791 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

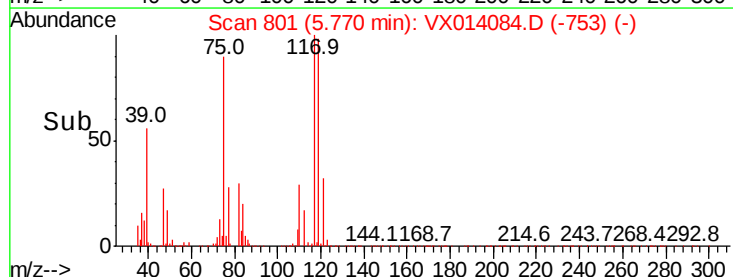
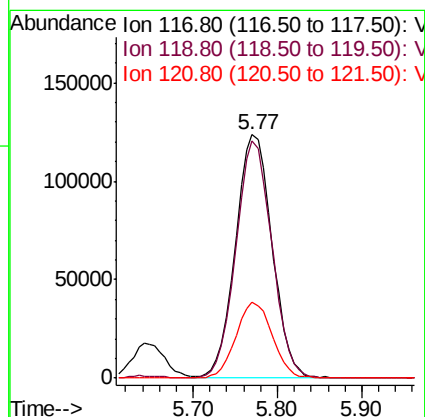
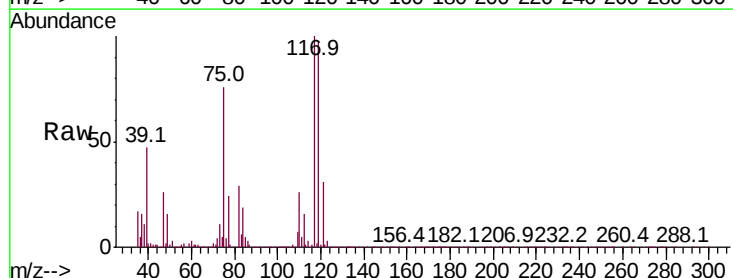
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

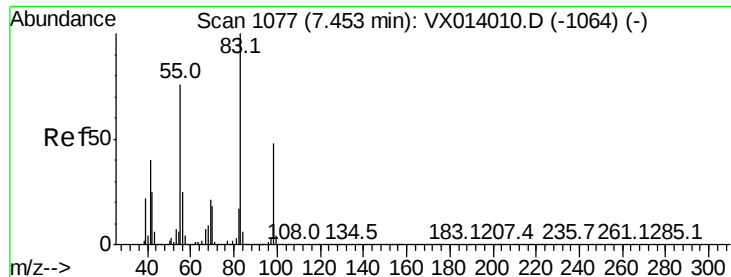
Tot Ion: 43 Resp: 428465
Ion Ratio Lower Upper
43 100
61 13.7 10.8 16.2
70 10.8 8.6 12.8



#38
Carbon Tetrachloride
Concen: 51.058 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

Tgt Ion: 117 Resp: 362462
Ion Ratio Lower Upper
117 100
119 97.2 76.2 114.4
121 31.0 23.6 35.4

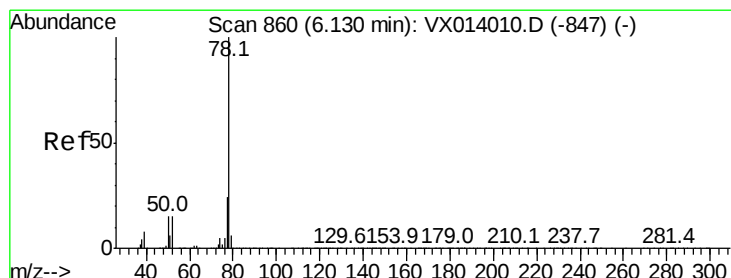
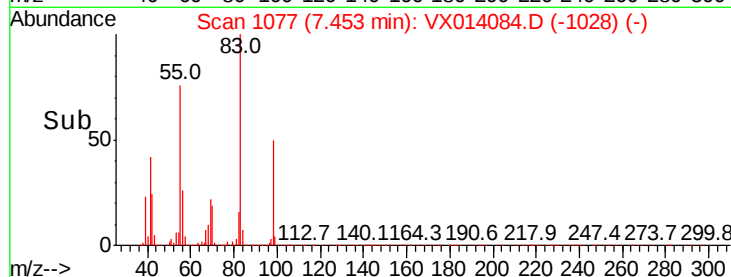
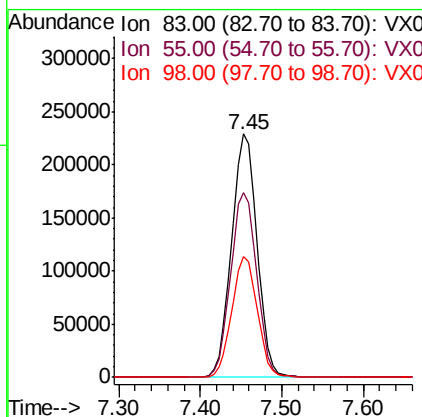
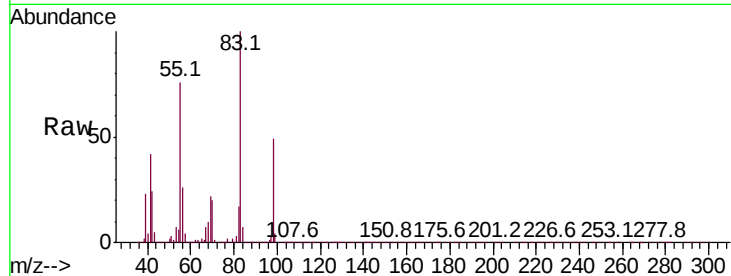




#39
Methvlcvclohexane
Concen: 51.029 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

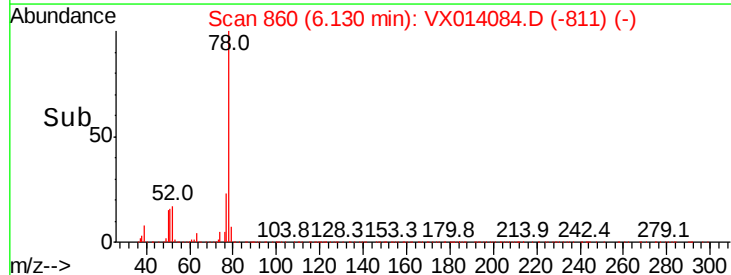
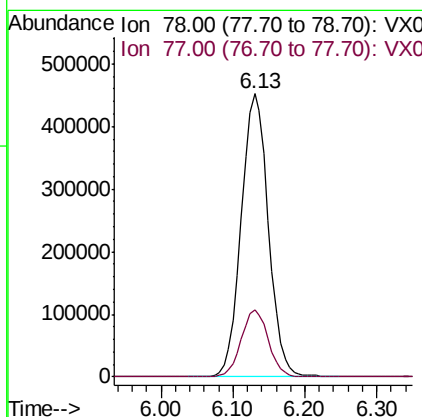
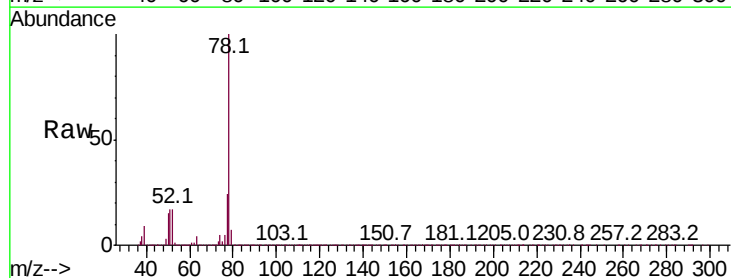
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

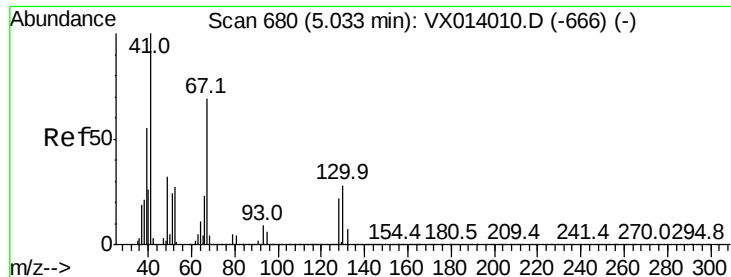
Tot Ion	83	Resp	490999
Ion Ratio	100		
Lower	61.0		
Upper	91.6		
83	75.8		
55	49.5		
98	38.6		



#40
Benzene
Concen: 49.299 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

Tgt Ion	78	Resp	1182033
Ion Ratio	100		
Lower	18.8		
Upper	28.2		
78	23.7		
77			

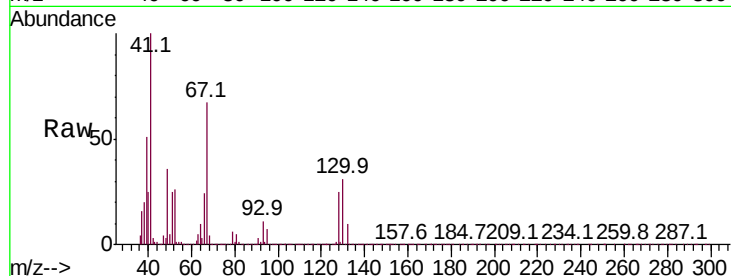




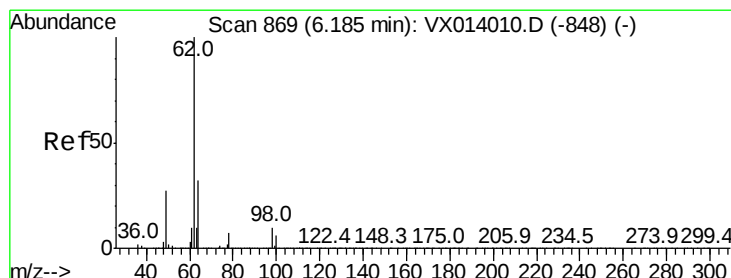
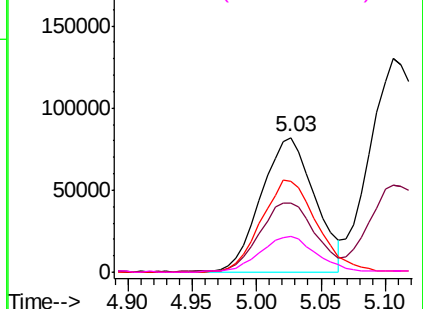
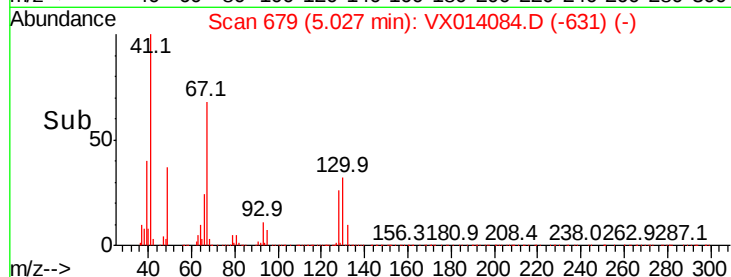
#41
Methacrylonitrile
Concen: 49.696 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	237281
Ion	Ratio	Lower	Upper
41	100		
39	52.6	44.5	66.7
67	71.1	57.4	86.0
52	27.2	23.0	34.4

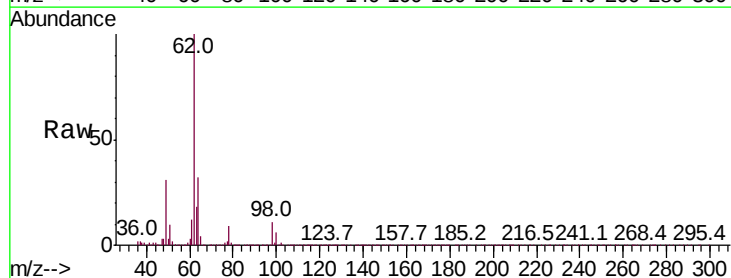


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

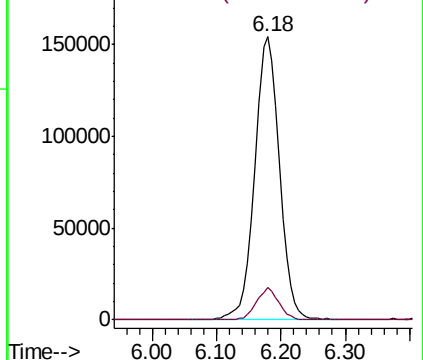
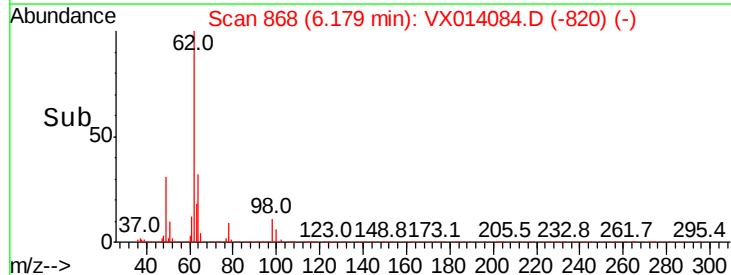


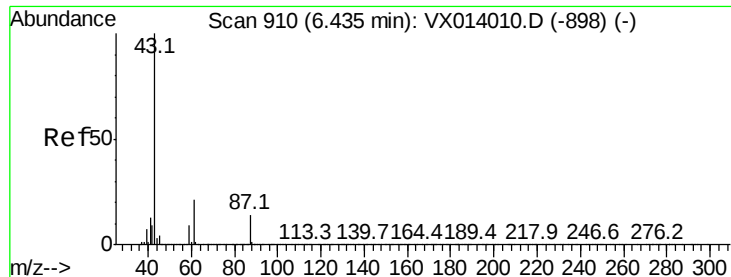
#42
1,2-Dichloroethane
Concen: 49.792 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

Tgt Ion:	62	Resp:	404691
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	21.0



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 49.696 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

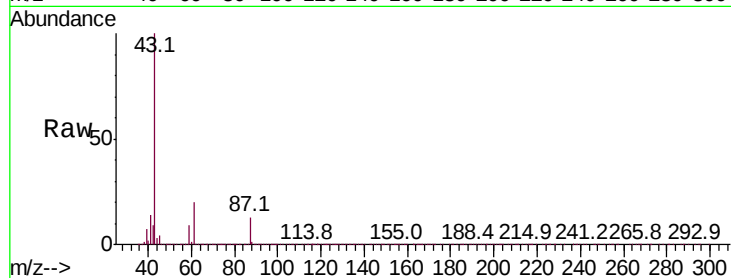
Tot Ion: 43 Resp: 707723

Ion Ratio Lower Upper

43 100

61 19.9 16.4 24.6

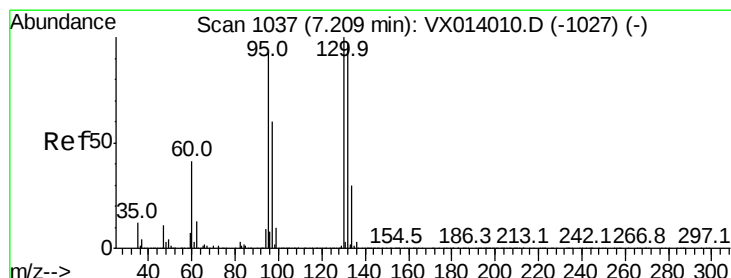
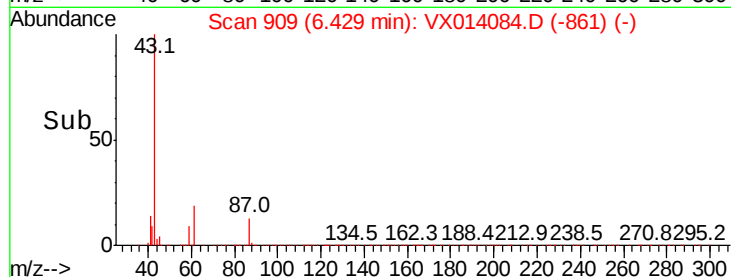
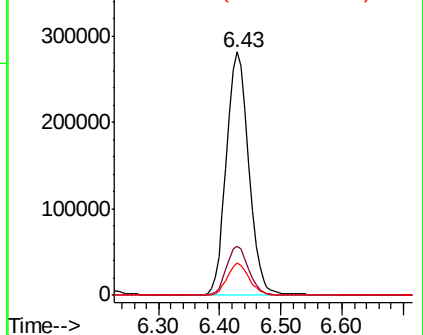
87 13.0 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 48.543 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014084.D

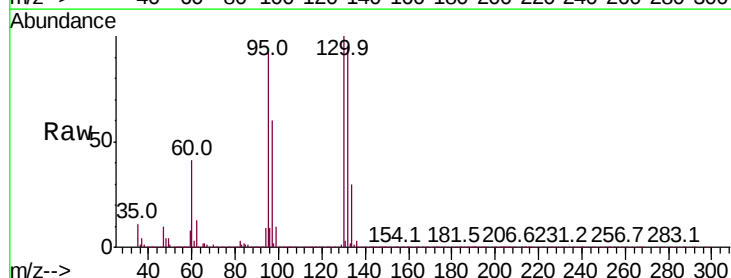
Acq: 18 Dec 2019 09:57

Tgt Ion:130 Resp: 321479

Ion Ratio Lower Upper

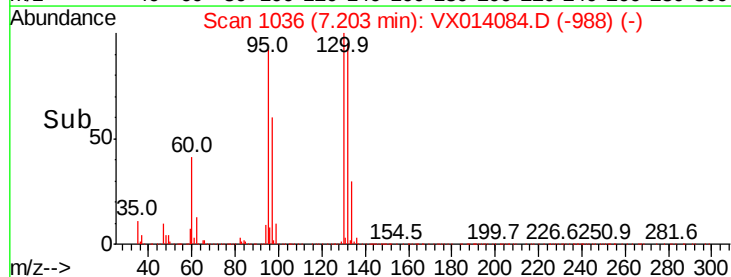
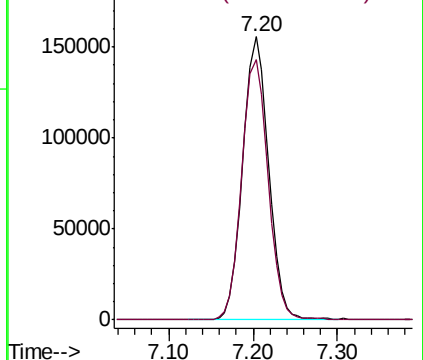
130 100

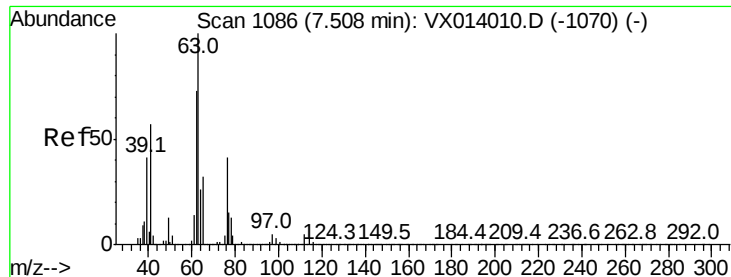
95 92.0 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 49.880 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

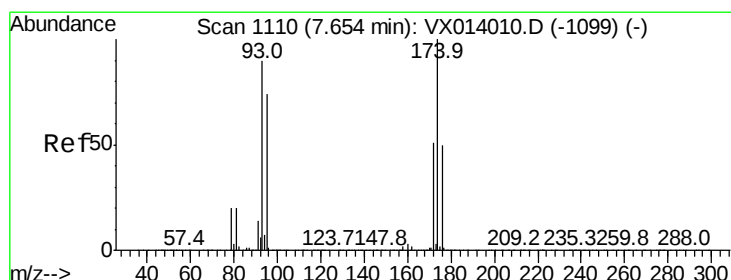
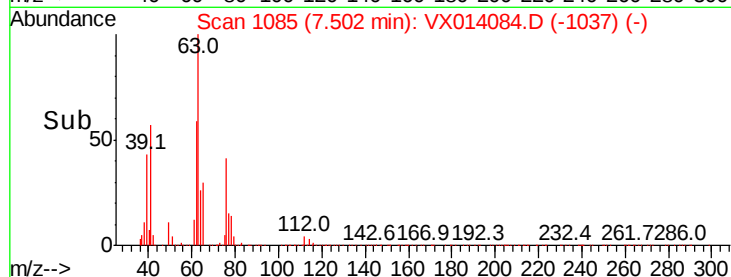
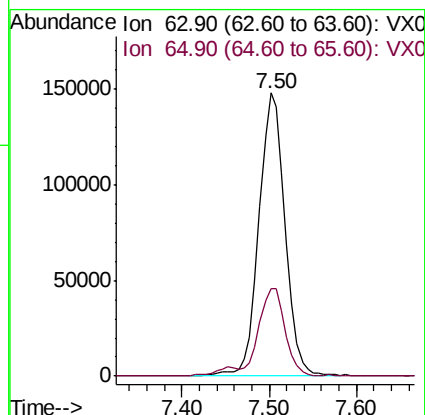
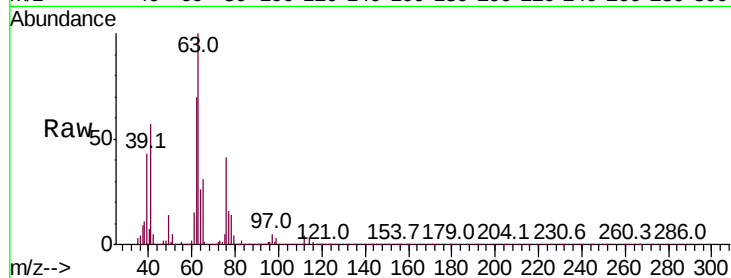
VSTDCCC050

Tot Ion: 63 Resp: 306538

Ion Ratio Lower Upper

63 100

65 30.7 25.8 38.8



#46

Dibromomethane

Concen: 48.946 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

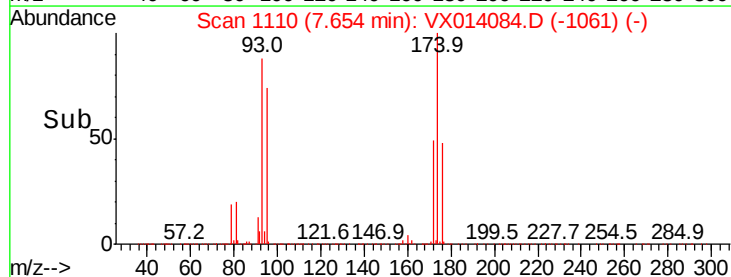
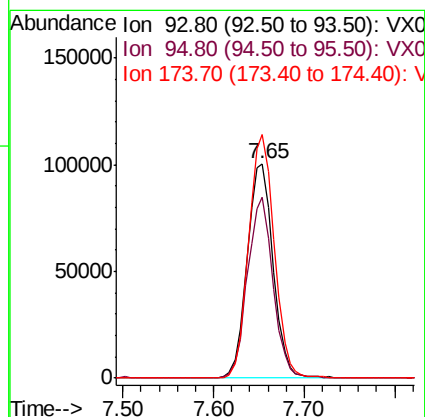
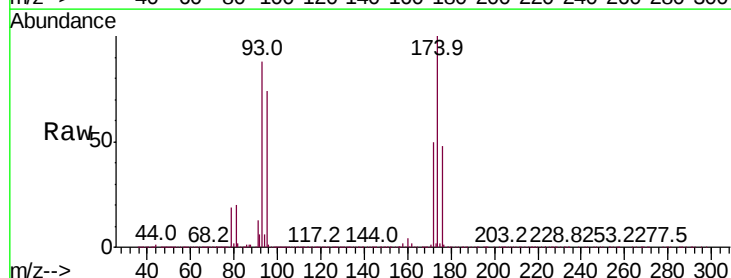
Tgt Ion: 93 Resp: 198871

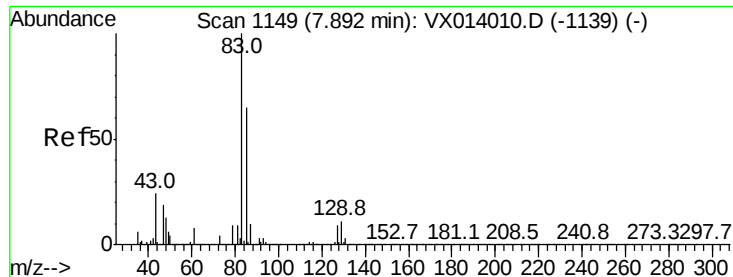
Ion Ratio Lower Upper

93 100

95 82.5 67.3 100.9

174 112.6 91.6 137.4





#47

Bromodichloromethane

Concen: 51.177 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

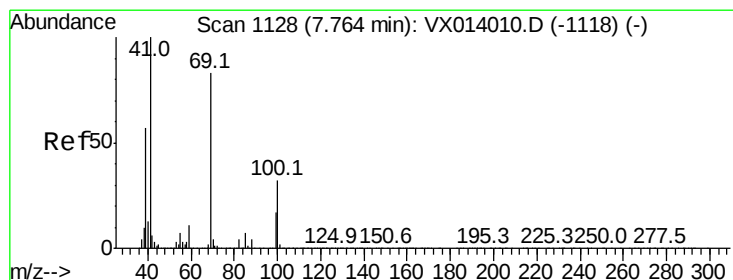
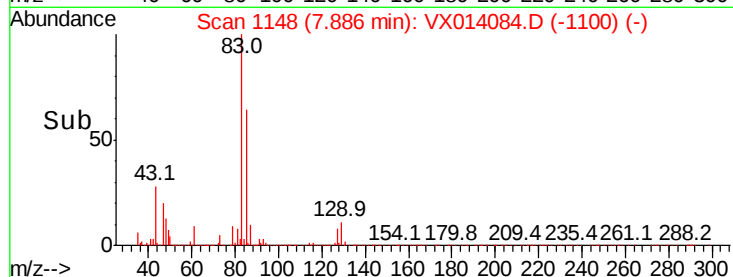
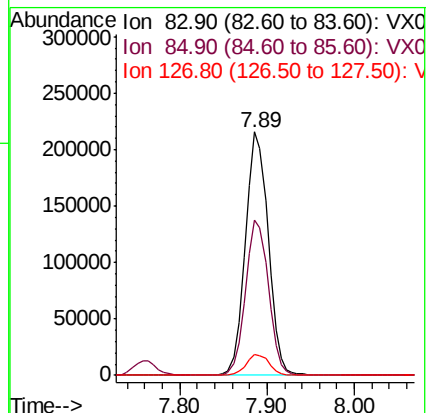
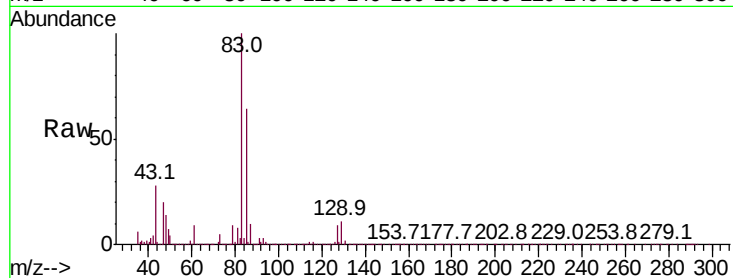
Tot Ion: 83 Resp: 391620

Ion Ratio Lower Upper

83 100

85 63.8 51.8 77.8

127 8.5 7.0 10.4



#48

Methyl methacrylate

Concen: 50.373 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

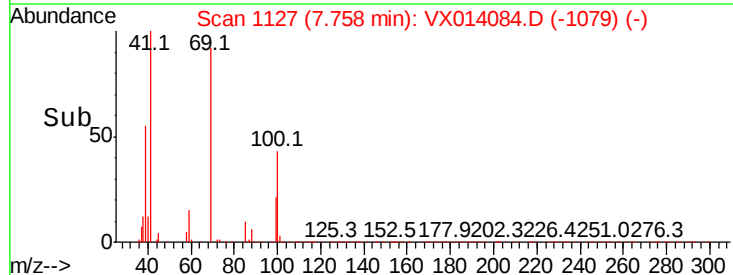
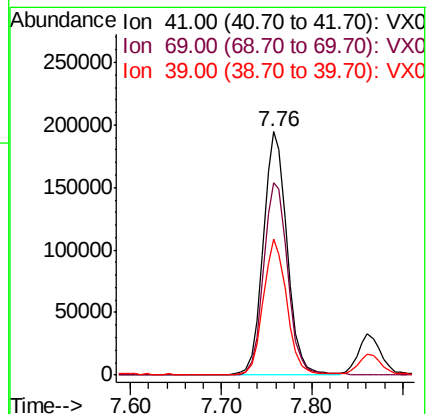
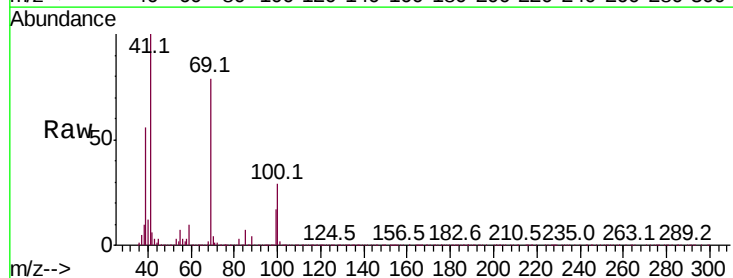
Tgt Ion: 41 Resp: 351274

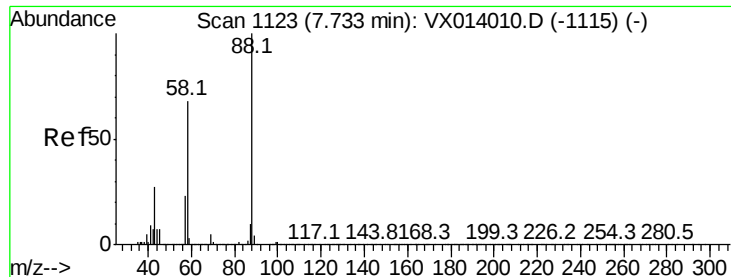
Ion Ratio Lower Upper

41 100

69 80.6 65.8 98.6

39 55.0 44.6 67.0

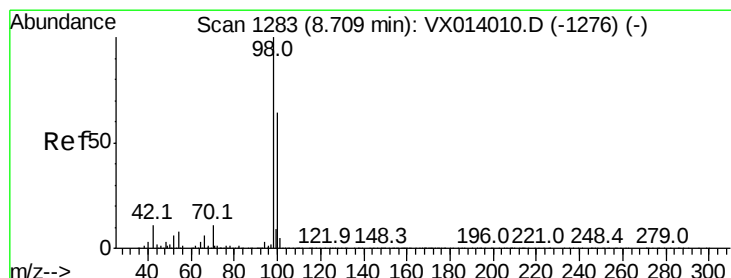
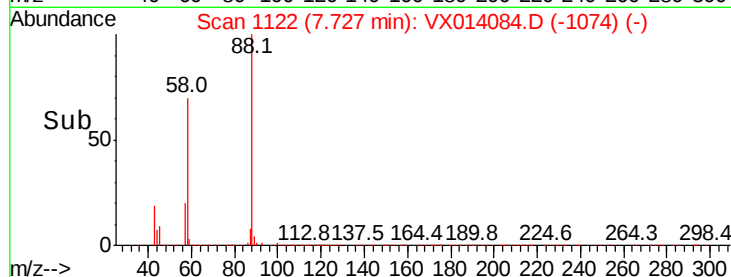
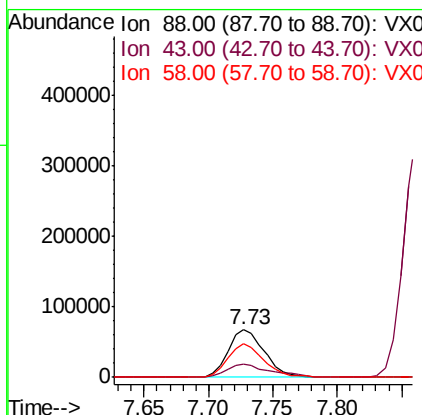
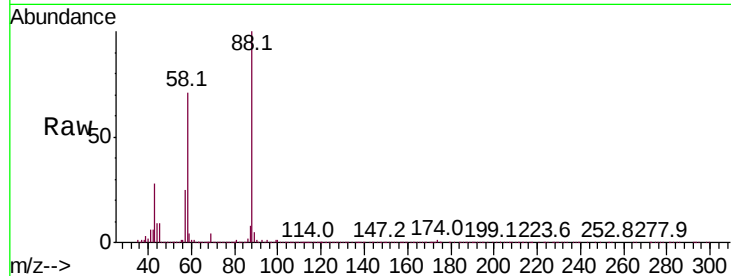




#49
1,4-Dioxane
Concen: 923.961 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

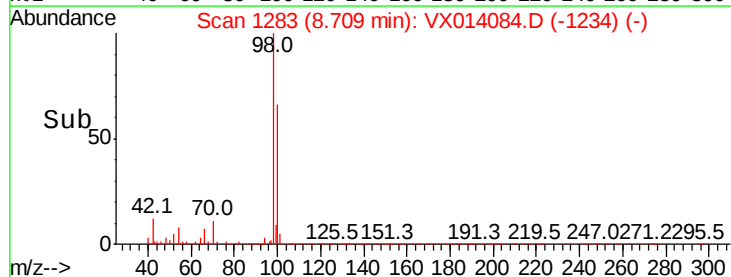
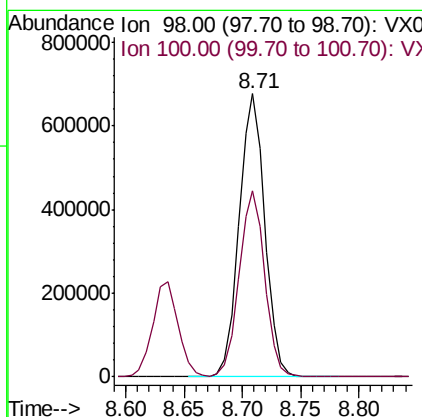
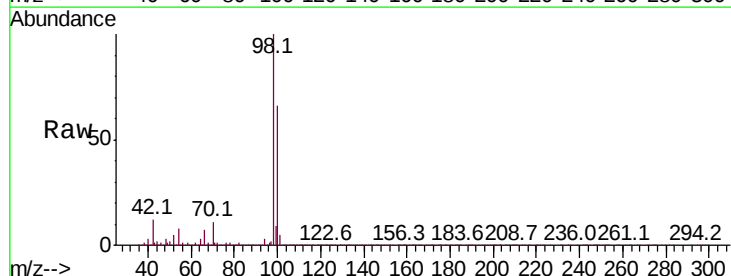
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

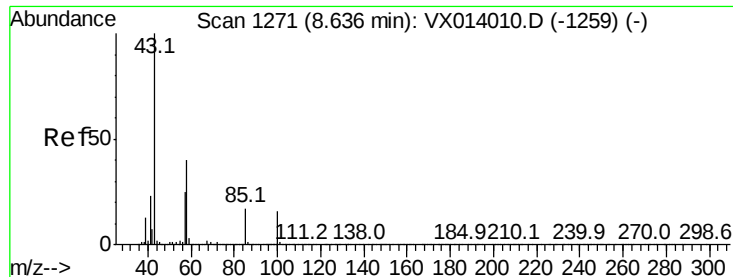
Tot Ion	88	Resp	131122
Ion Ratio	Lower	Upper	
88	100		
43	32.6	26.5	39.7
58	70.0	56.8	85.2



#50
Toluene-d8
Concen: 51.479 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

Tgt Ion	98	Resp	1034707
Ion Ratio	Lower	Upper	
98	100		
100	65.8	52.9	79.3

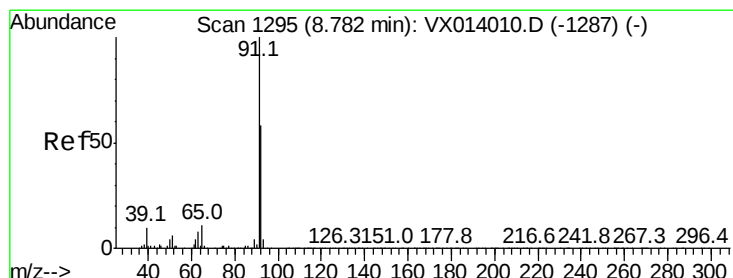
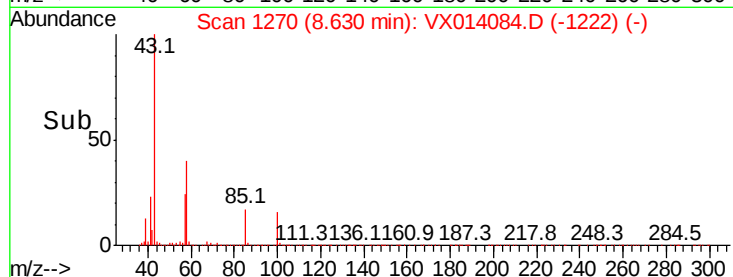
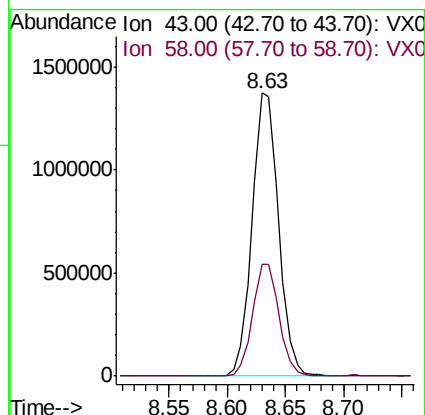
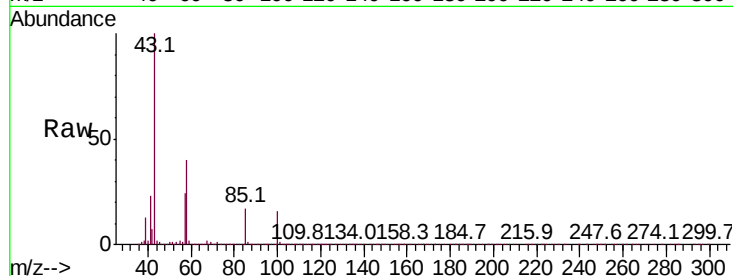




#51
4-Methyl-2-Pentanone
Concen: 243.666 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

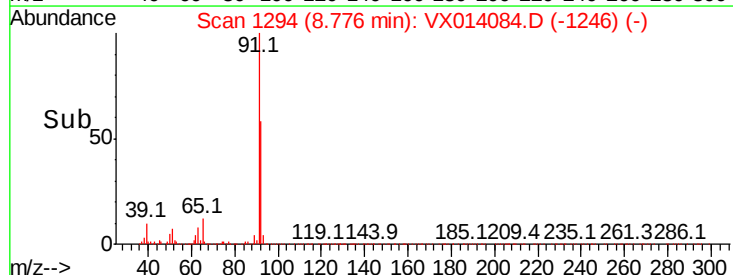
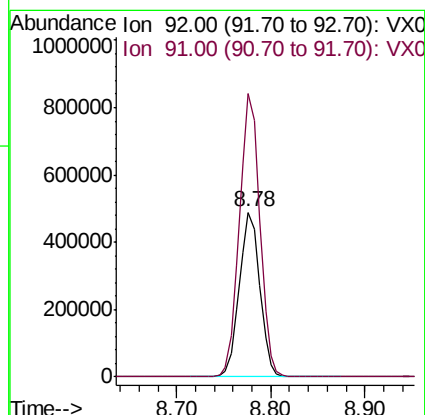
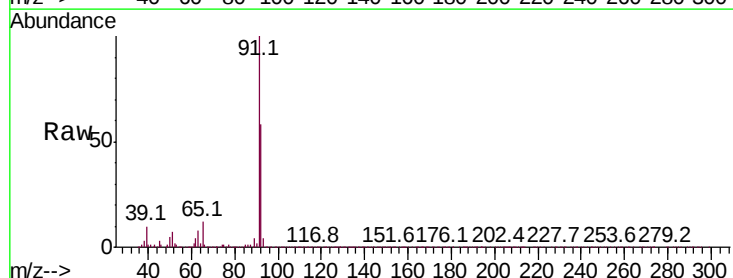
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

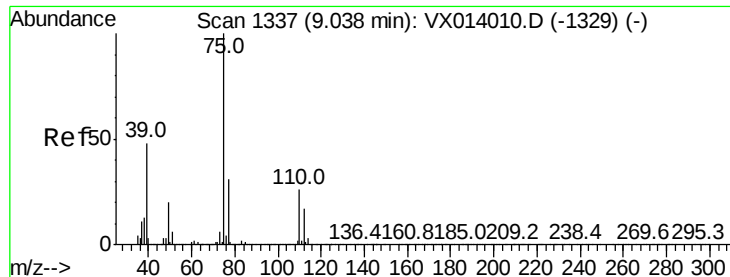
Tot Ion: 43 Resp: 2179283
Ion Ratio Lower Upper
43 100
58 39.6 32.2 48.2



#52
Toluene
Concen: 48.805 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

Tgt Ion: 92 Resp: 739637
Ion Ratio Lower Upper
92 100
91 172.1 136.2 204.4





#53

t-1,3-Dichloropropene

Concen: 51.802 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

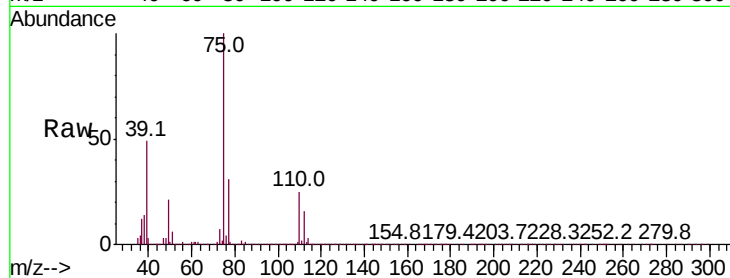
VSTDCCC050

Tot Ion: 75 Resp: 434659

Ion Ratio Lower Upper

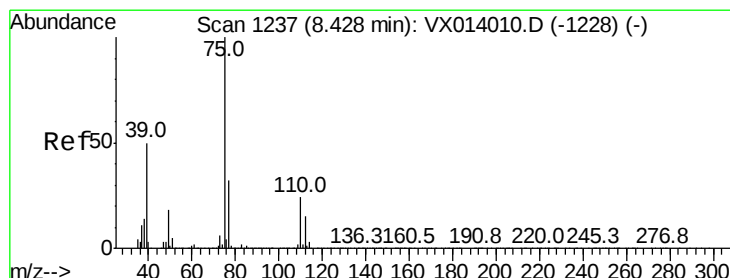
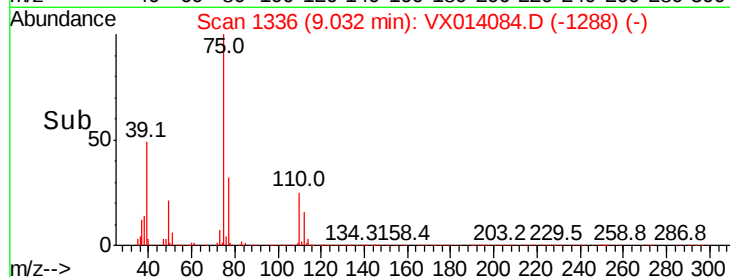
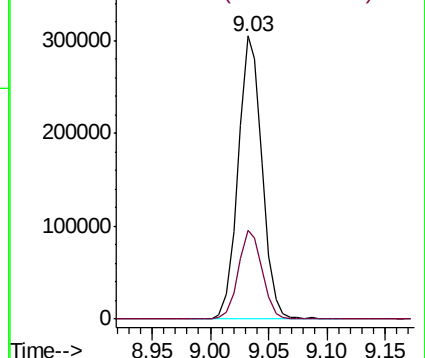
75 100

77 31.4 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 52.679 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

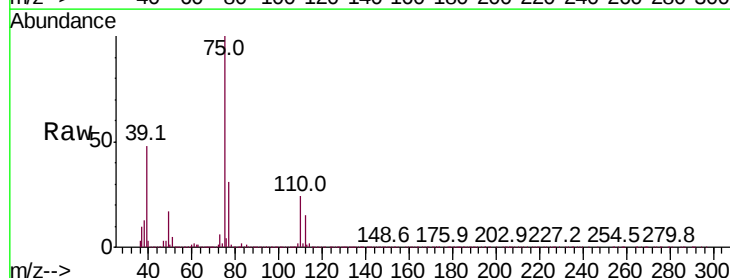
Tgt Ion: 75 Resp: 492432

Ion Ratio Lower Upper

75 100

77 31.3 25.3 37.9

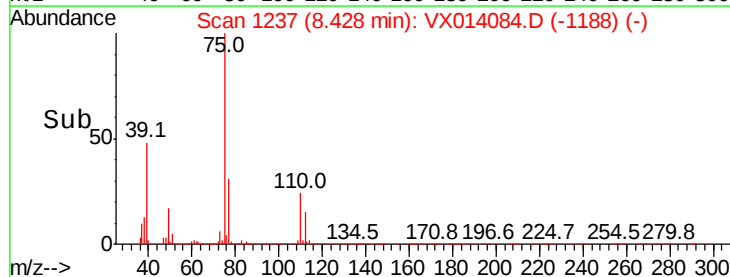
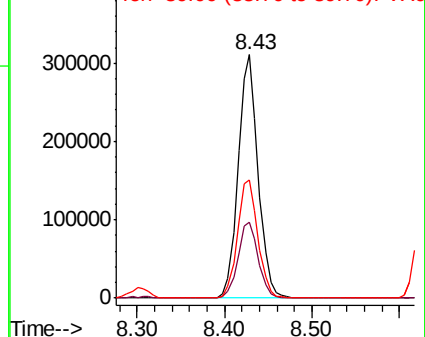
39 48.1 39.9 59.9

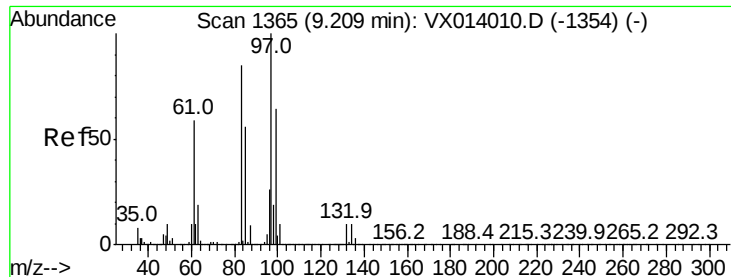


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 49.519 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 300778

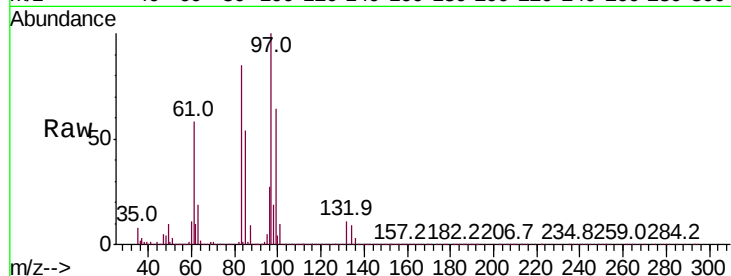
Ion Ratio Lower Upper

97 100

83 84.6 68.2 102.4

85 53.5 44.6 66.8

99 63.9 51.4 77.0

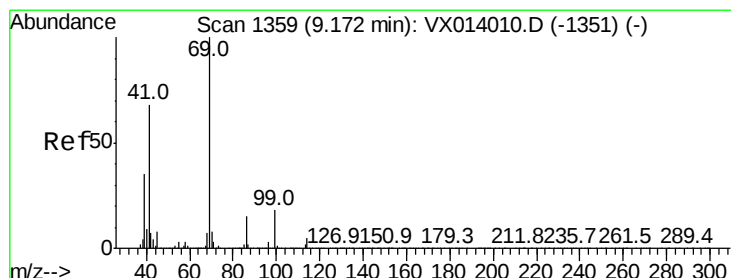
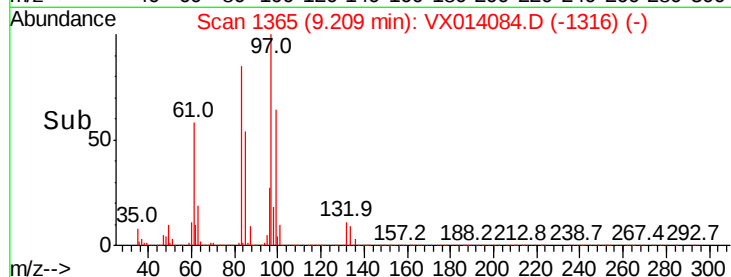
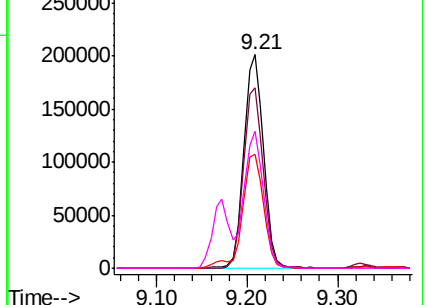


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 50.225 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

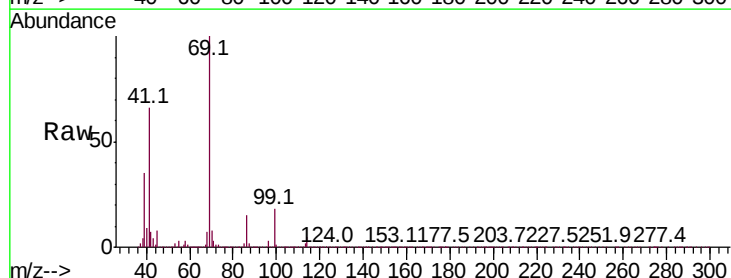
Tgt Ion: 69 Resp: 479207

Ion Ratio Lower Upper

69 100

41 69.1 54.8 82.2

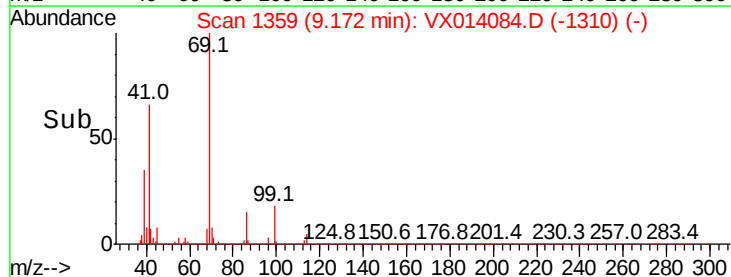
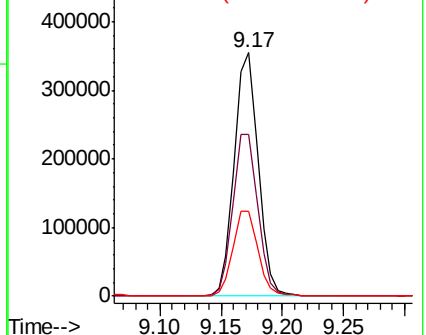
39 36.1 28.3 42.5

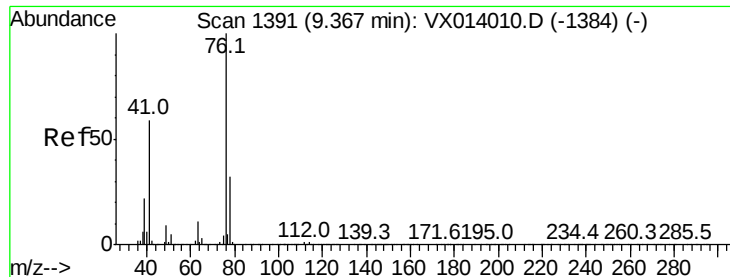


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 50.009 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

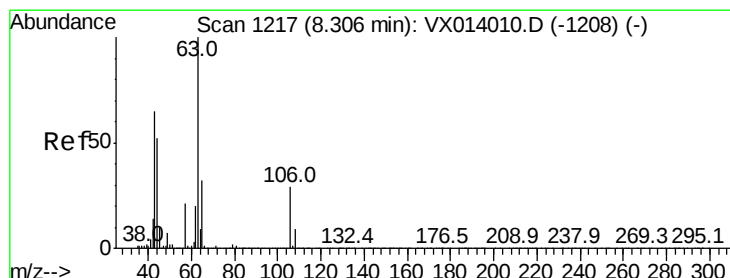
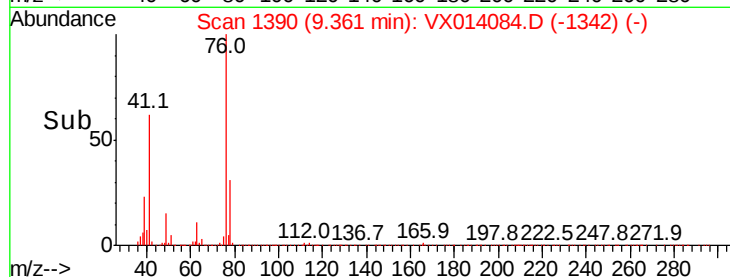
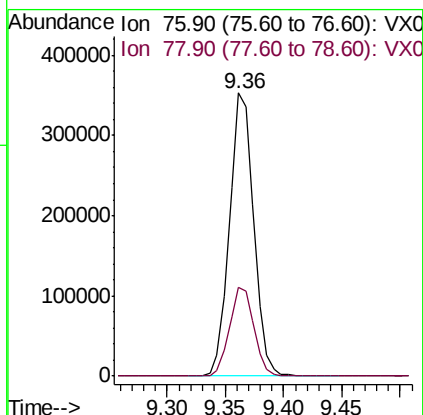
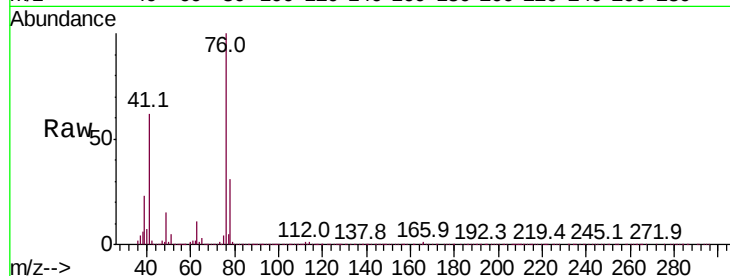
VSTDCCC050

Tot Ion: 76 Resp: 511061

Ion Ratio Lower Upper

76 100

78 31.7 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 270.538 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014084.D

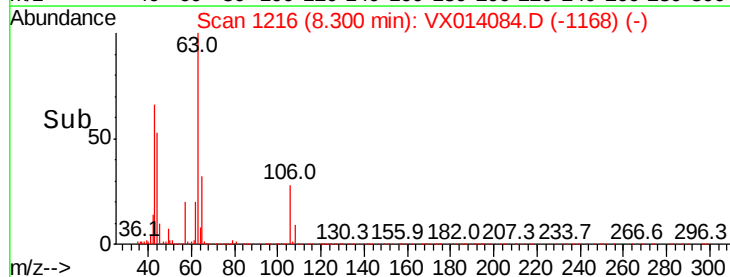
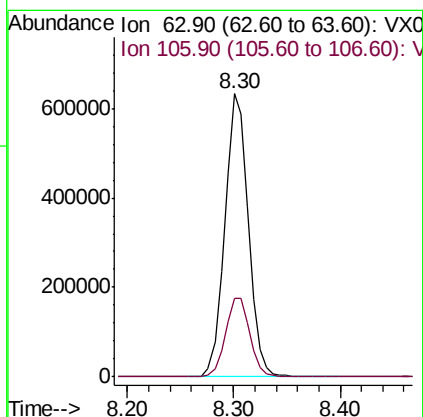
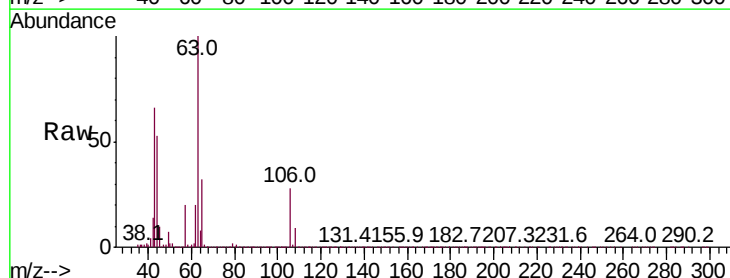
Acq: 18 Dec 2019 09:57

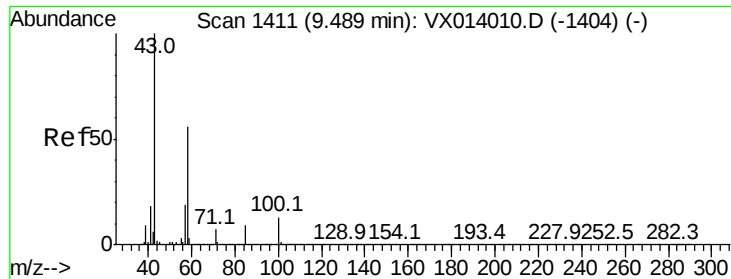
Tgt Ion: 63 Resp: 976843

Ion Ratio Lower Upper

63 100

106 28.7 23.0 34.6

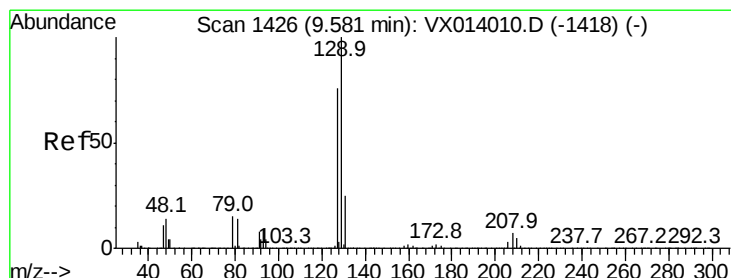
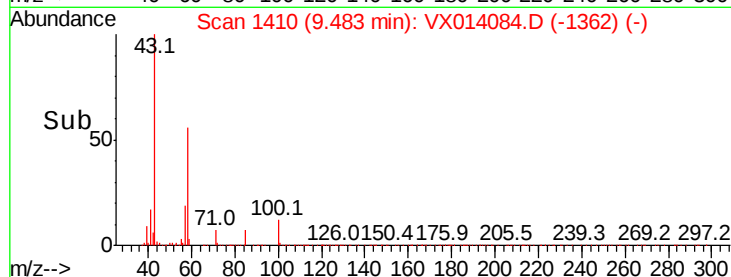
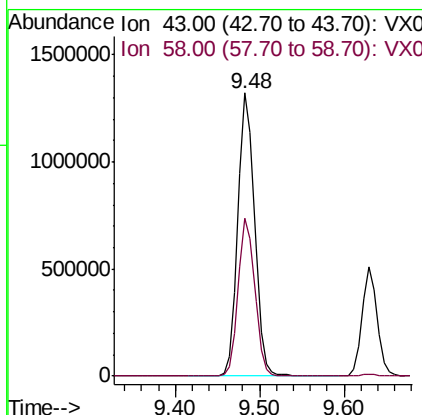
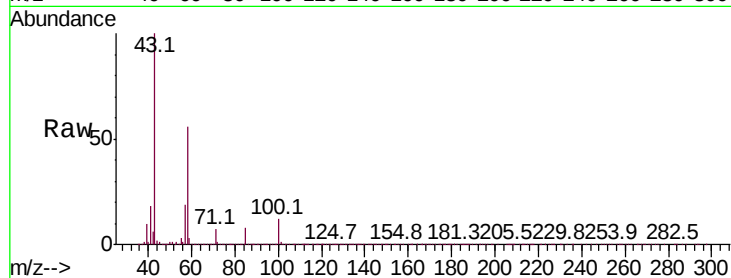




#59
2-Hexanone
Concen: 244.709 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

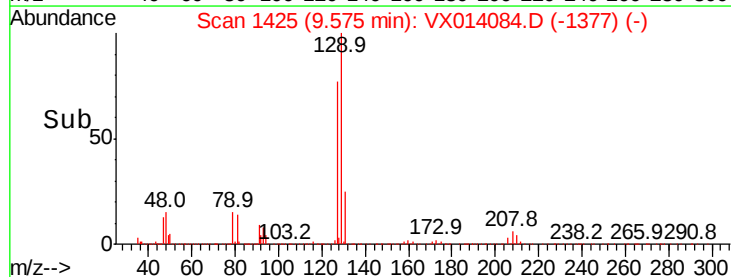
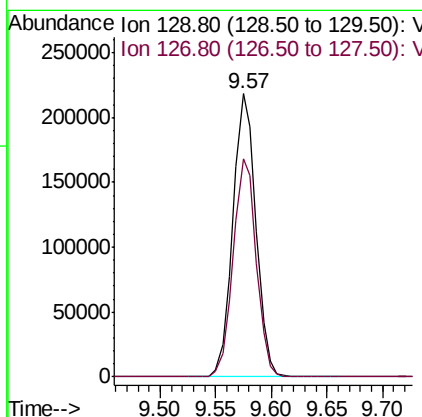
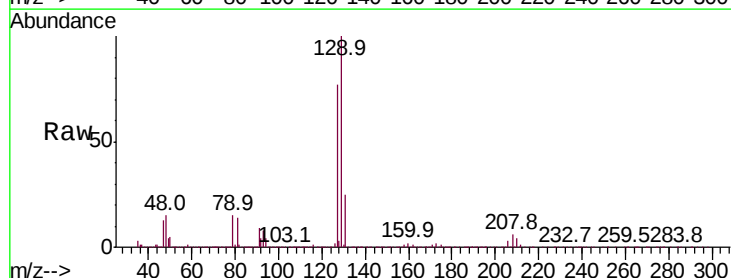
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

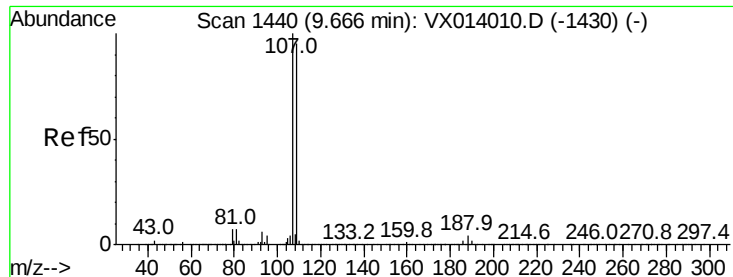
Tot Ion: 43 Resp: 1761838
Ion Ratio Lower Upper
43 100
58 55.7 28.0 84.0



#60
Dibromochloromethane
Concen: 51.727 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

Tgt Ion: 129 Resp: 312304
Ion Ratio Lower Upper
129 100
127 77.3 38.4 115.2





#61

1,2-Dibromoethane

Concen: 50.596 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

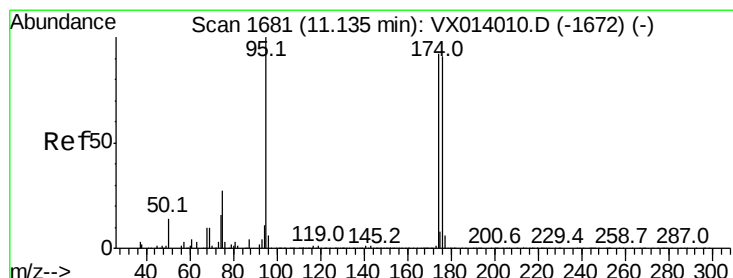
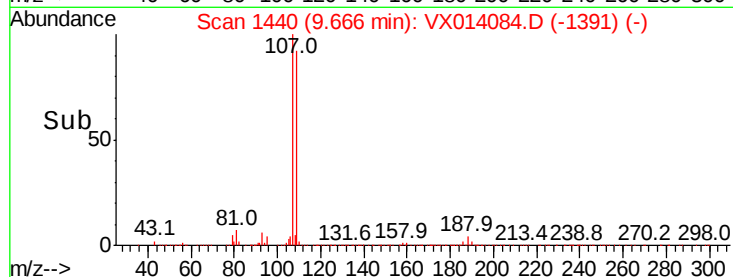
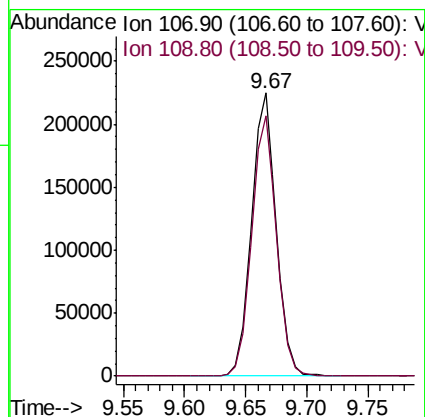
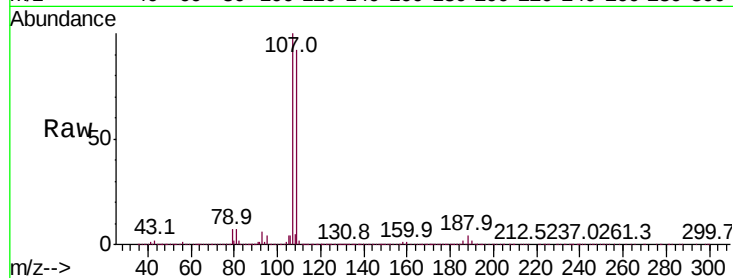
VSTDCCC050

Tot Ion:107 Resp: 314436

Ion Ratio Lower Upper

107 100

109 92.7 75.7 113.5



#62

4-Bromofluorobenzene

Concen: 51.123 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

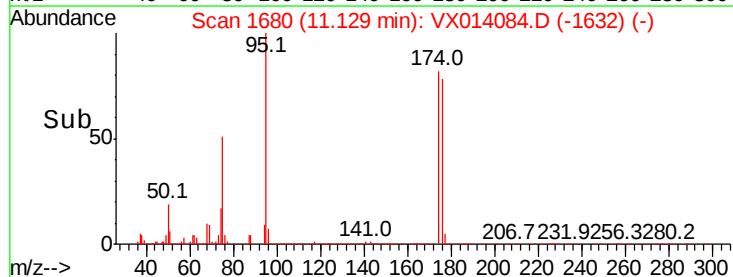
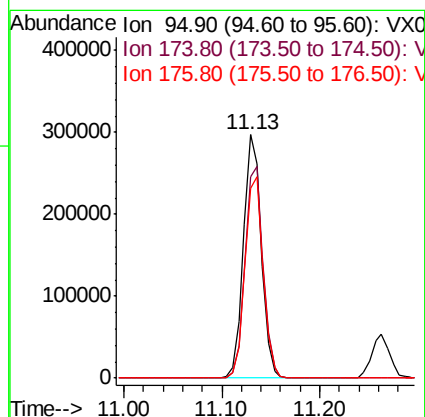
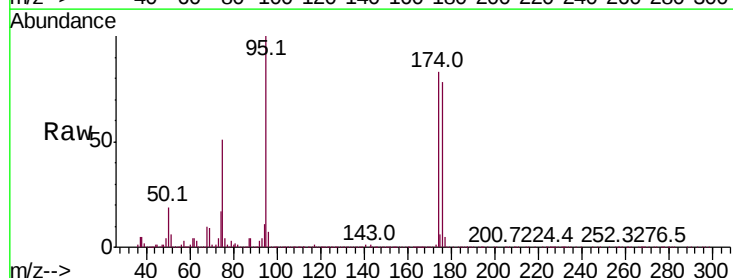
Tgt Ion: 95 Resp: 375613

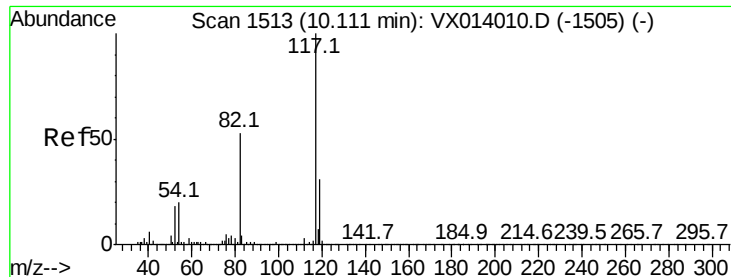
Ion Ratio Lower Upper

95 100

174 87.9 0.0 175.8

176 84.4 0.0 173.0

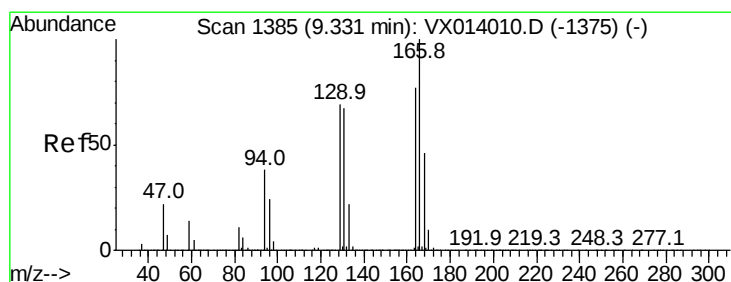
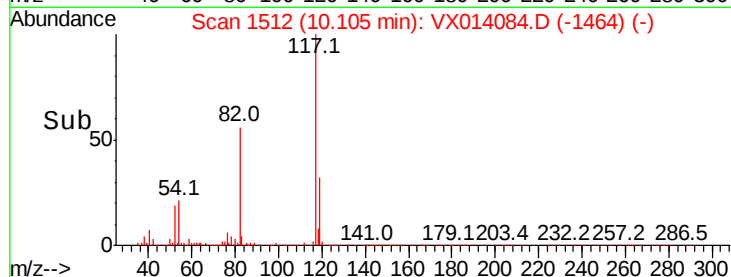
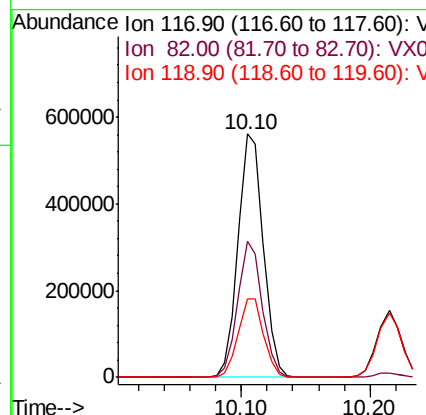
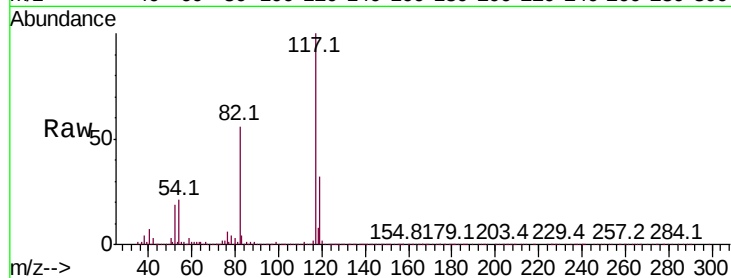




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

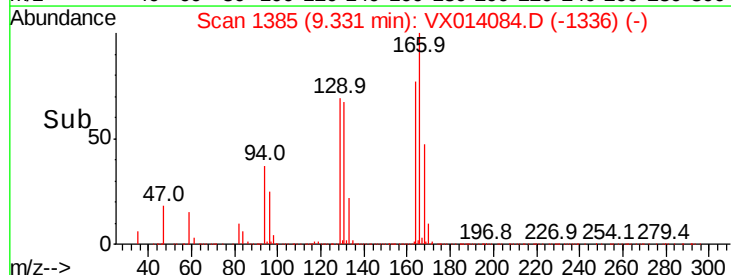
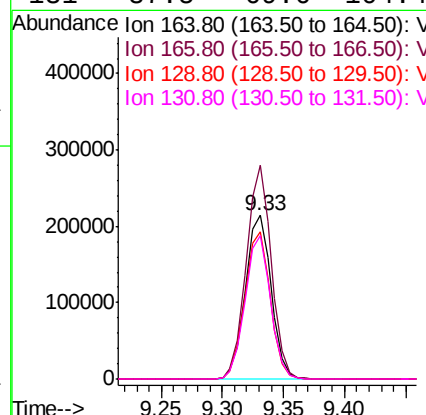
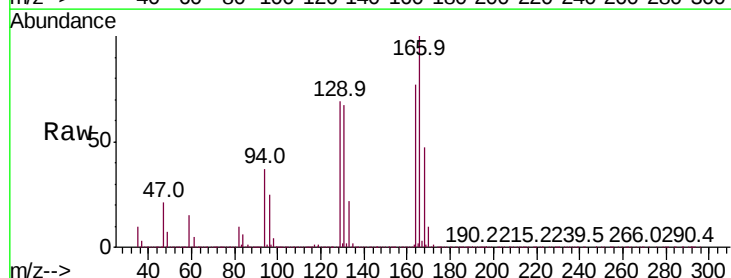
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

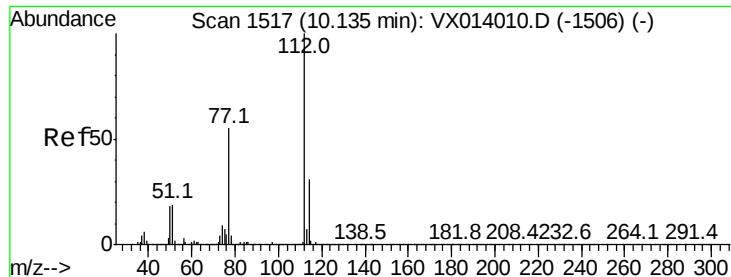
Tot Ion:117 Resp: 766811
Ion Ratio Lower Upper
117 100
82 55.7 42.2 63.4
119 32.0 25.1 37.7



#64
Tetrachloroethene
Concen: 46.167 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

Tgt Ion:164 Resp: 313255
Ion Ratio Lower Upper
164 100
166 130.5 104.0 156.0
129 89.8 72.2 108.4
131 87.5 69.6 104.4





#65

Chlorobenzene

Concen: 49.108 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

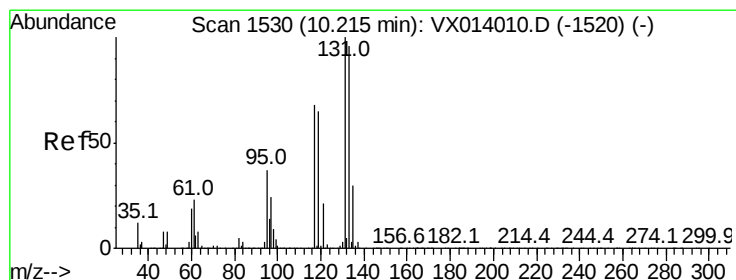
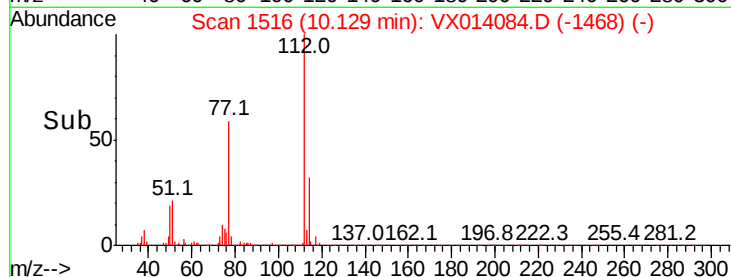
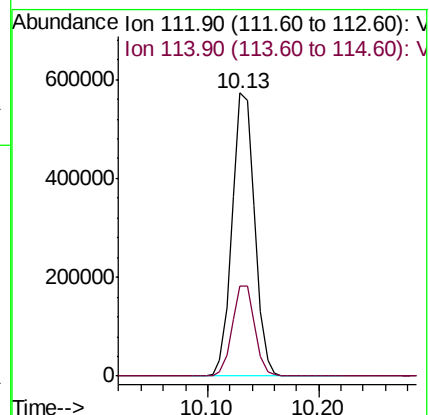
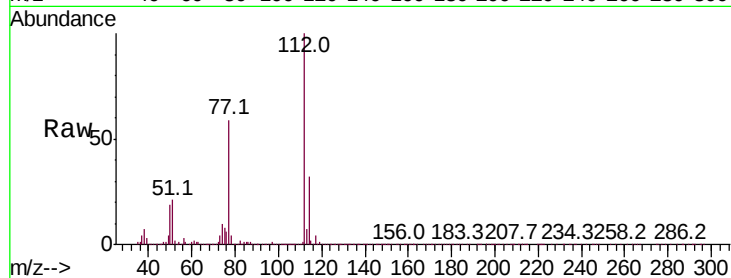
VSTDCCC050

Tot Ion:112 Resp: 800674

Ion Ratio Lower Upper

112 100

114 32.0 24.9 37.3



#66

1,1,1,2-Tetrachloroethane

Concen: 50.473 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

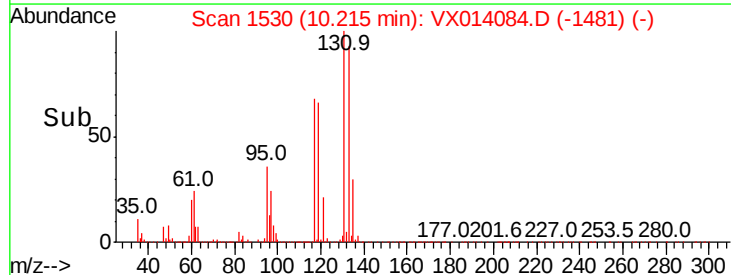
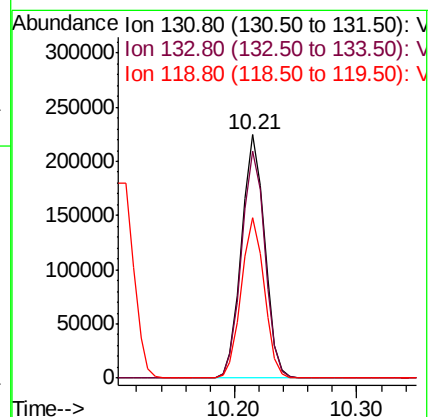
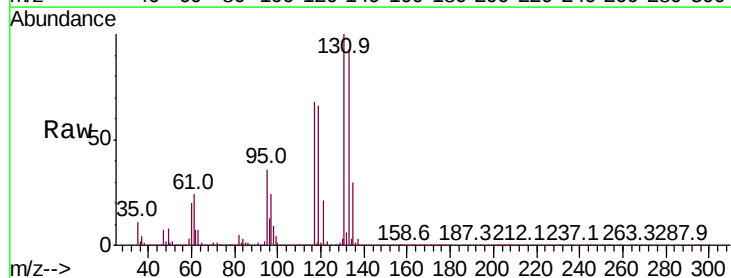
Tgt Ion:131 Resp: 293829

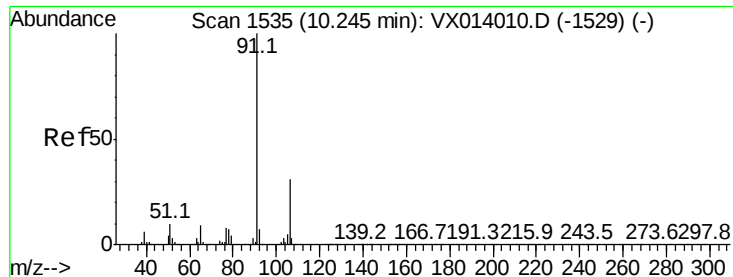
Ion Ratio Lower Upper

131 100

133 94.1 48.0 144.0

119 65.4 33.4 100.2

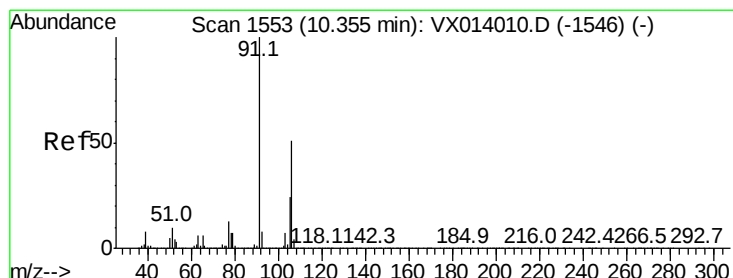
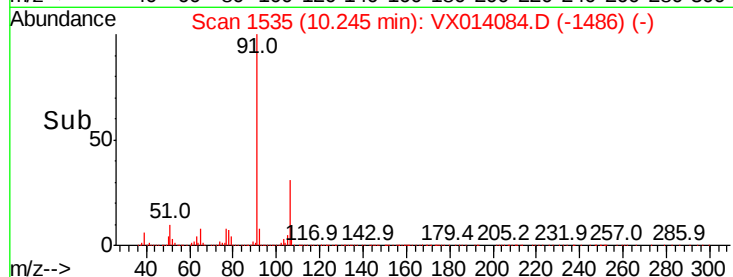
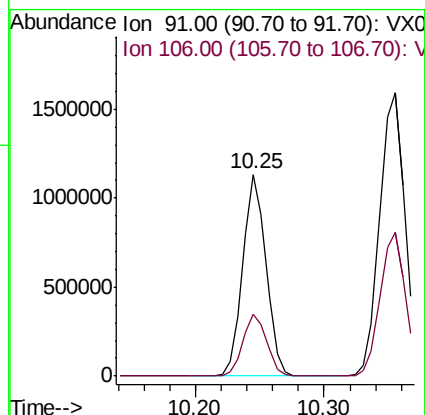
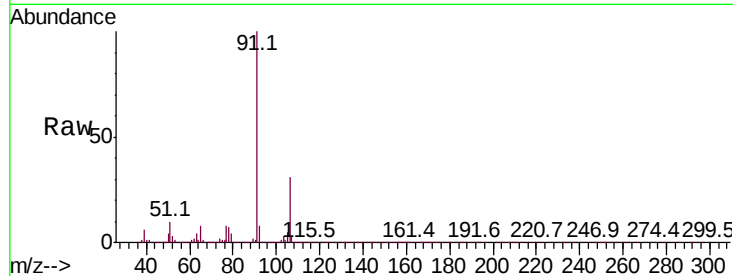




#67
Ethyl Benzene
Concen: 50.579 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

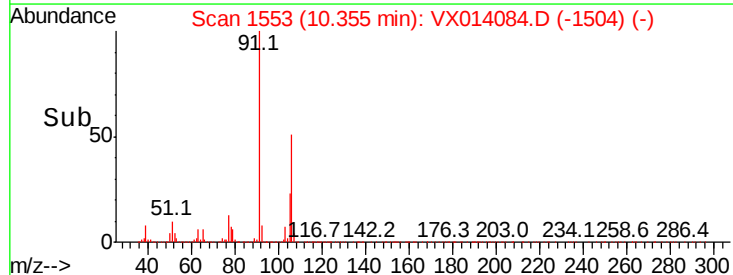
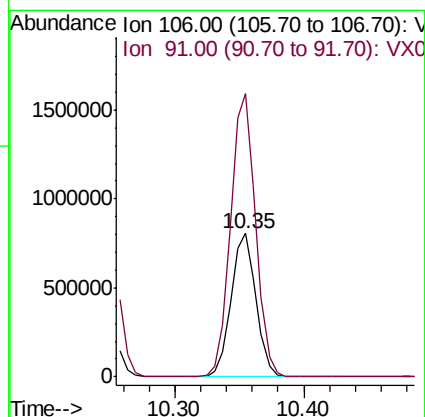
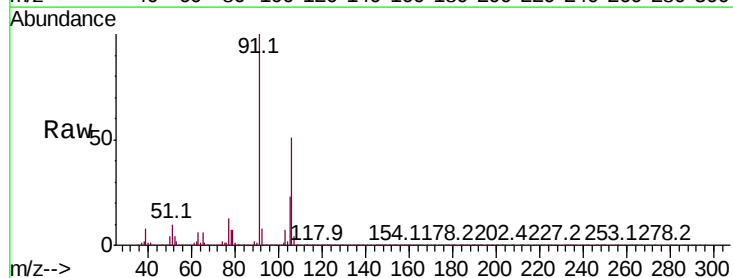
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

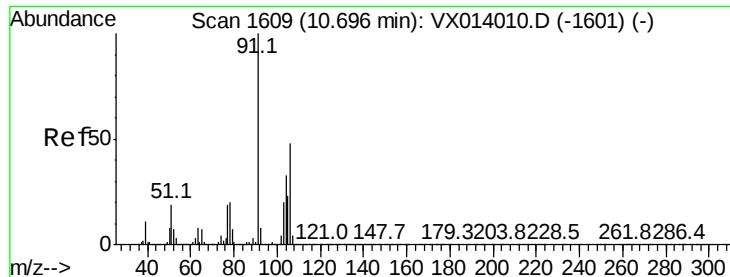
Tot Ion: 91 Resp: 1417760
Ion Ratio Lower Upper
91 100
106 30.6 25.0 37.6



#68
m/p-Xylenes
Concen: 100.792 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

Tgt Ion: 106 Resp: 1086647
Ion Ratio Lower Upper
106 100
91 198.9 158.6 238.0

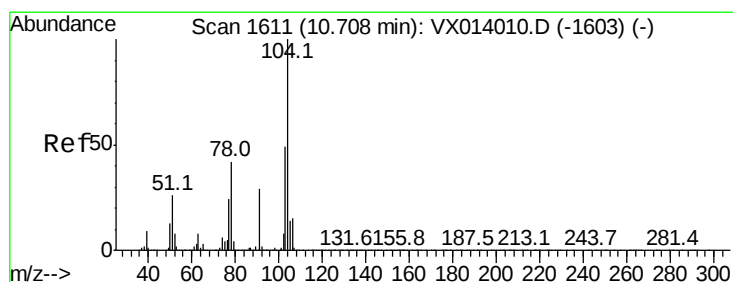
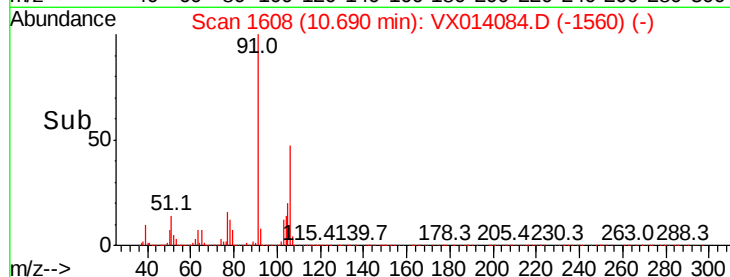
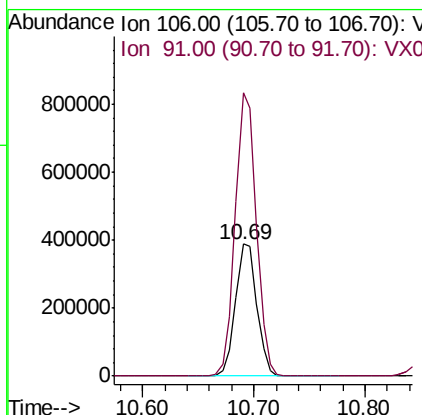
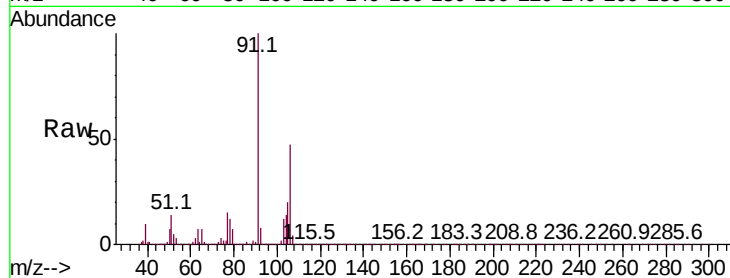




#69
o-Xylene
Concen: 48.881 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

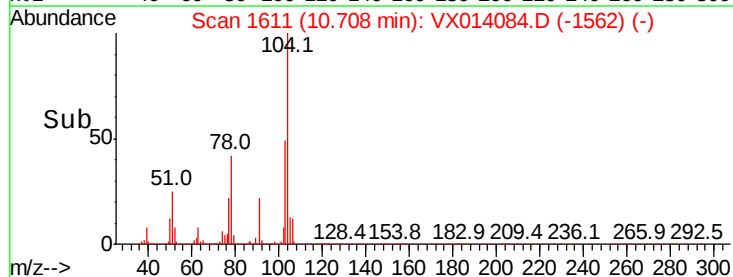
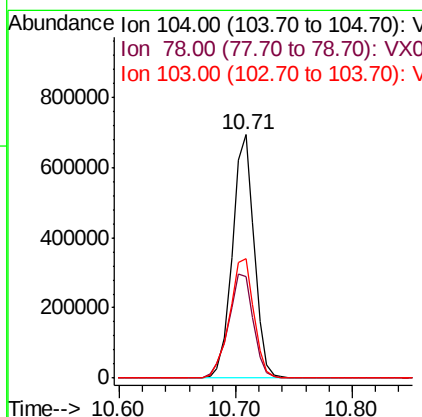
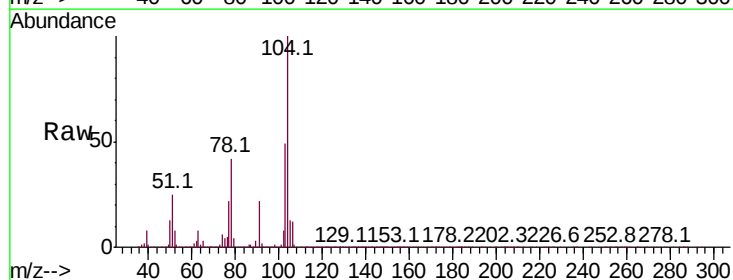
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

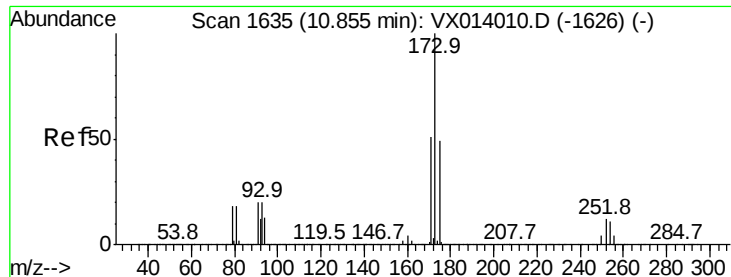
Tot Ion:106 Resp: 516851
Ion Ratio Lower Upper
106 100
91 211.6 104.2 312.6



#70
Styrene
Concen: 50.462 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

Tgt Ion:104 Resp: 902244
Ion Ratio Lower Upper
104 100
78 48.6 38.5 57.7
103 54.7 42.9 64.3

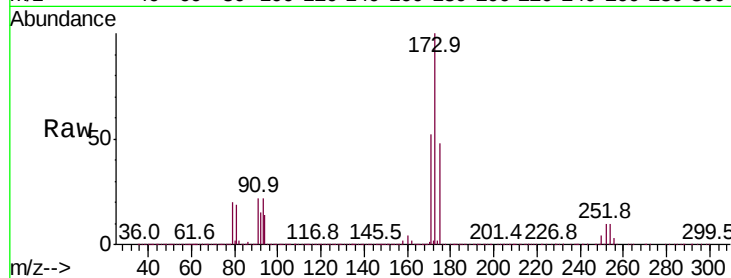




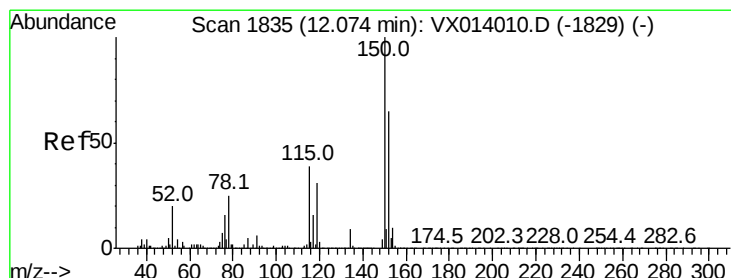
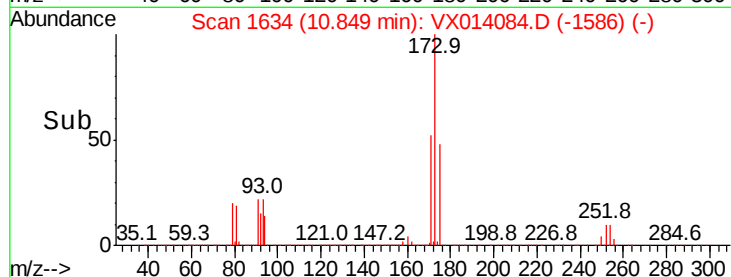
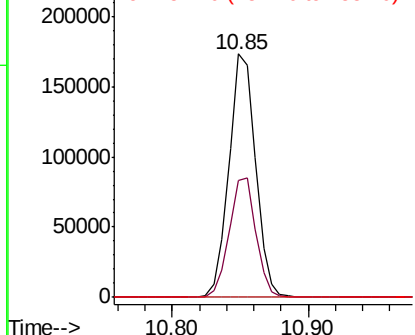
#71
Bromoform
Concen: 50.502 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:173 Resp: 236327
Ion Ratio Lower Upper
173 100
175 49.2 24.4 73.4
254 0.2 0.2 0.2

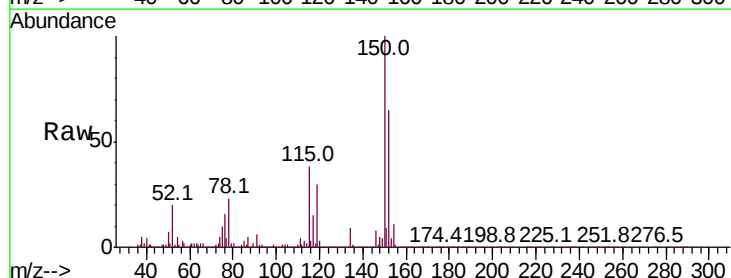


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

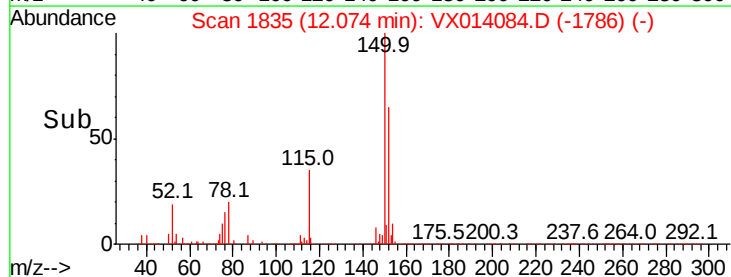
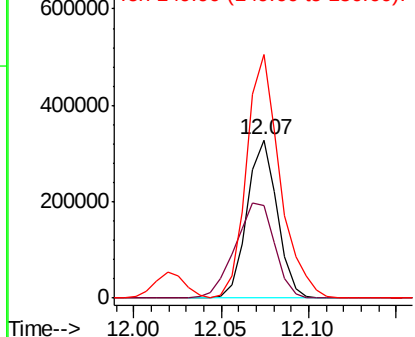


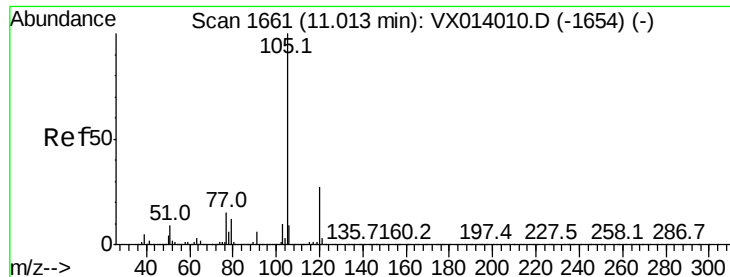
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

Tgt Ion:152 Resp: 391063
Ion Ratio Lower Upper
152 100
115 78.9 38.3 114.9
150 171.7 0.0 345.4



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





#73

Isopropylbenzene

Concen: 50.617 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

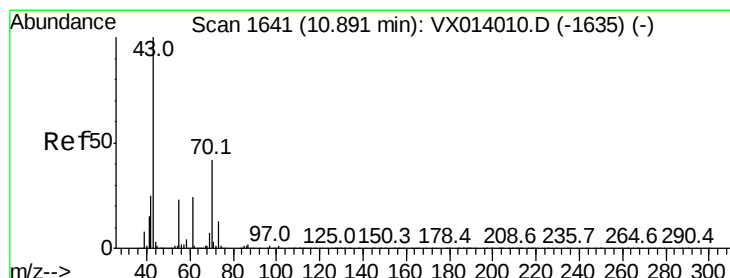
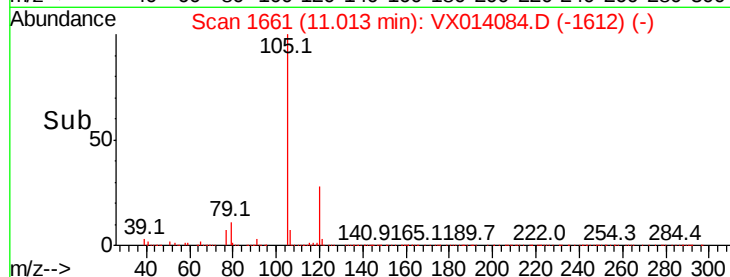
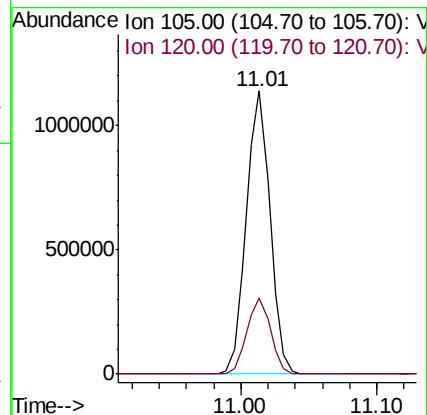
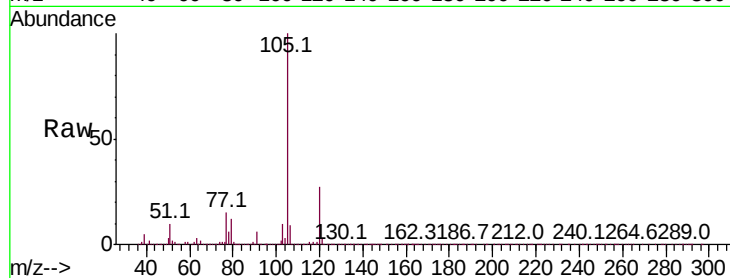
VSTDCCC050

Tot Ion:105 Resp: 1393689

Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.4



#74

N-ethyl acetate

Concen: 49.212 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

Tgt Ion: 43 Resp: 635138

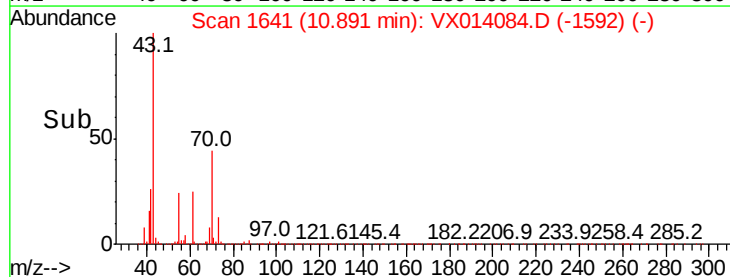
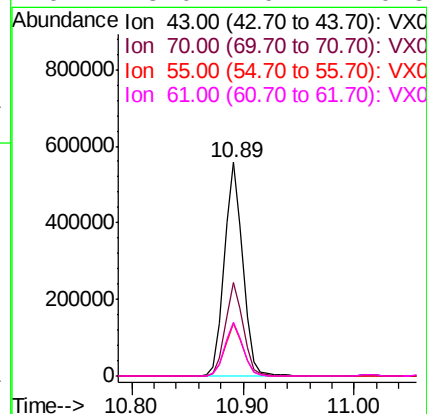
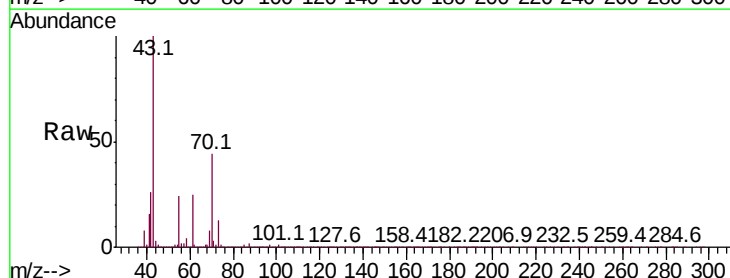
Ion Ratio Lower Upper

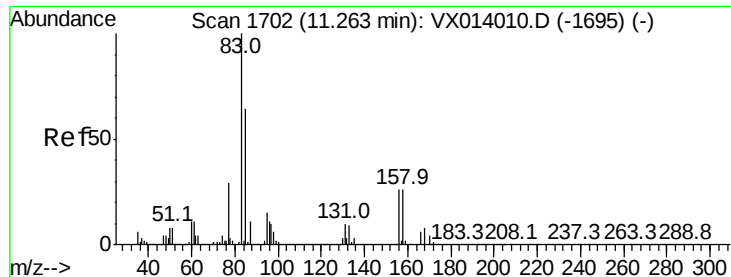
43 100

70 42.3 34.4 51.6

55 23.9 19.1 28.7

61 25.0 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 48.171 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

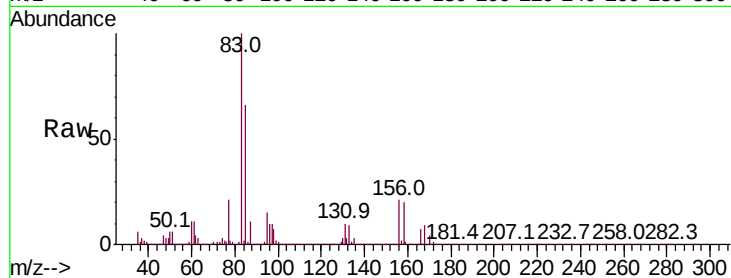
Tot Ion: 83 Resp: 459829

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.2

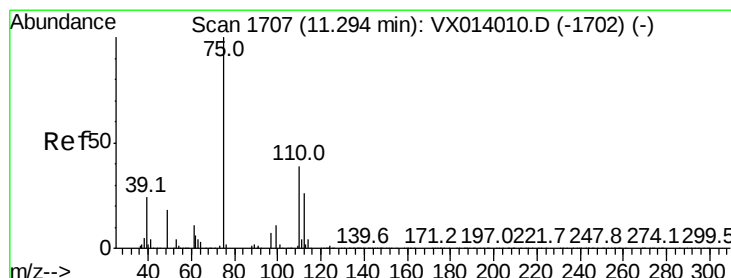
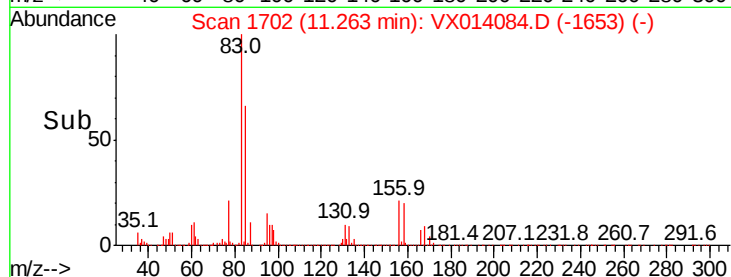
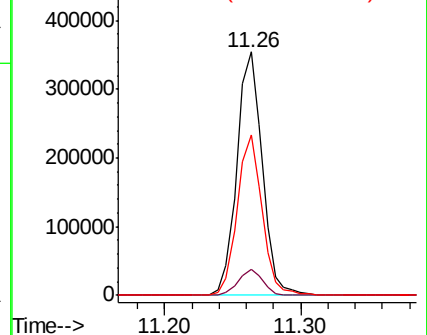
85 64.5 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 62.290 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014084.D

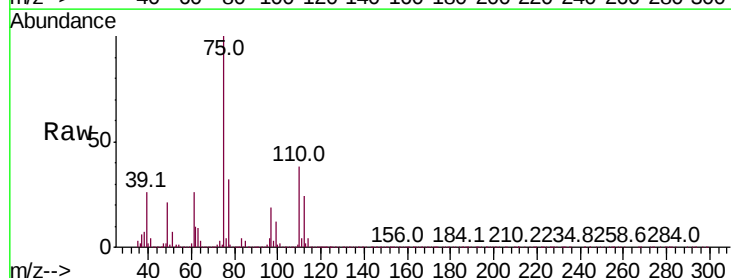
Acq: 18 Dec 2019 09:57

Tgt Ion: 75 Resp: 528836

Ion Ratio Lower Upper

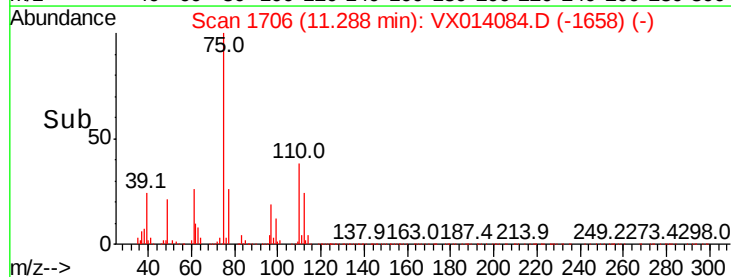
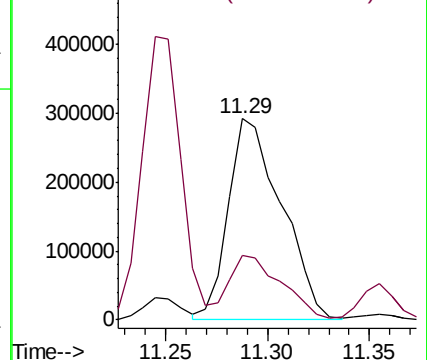
75 100

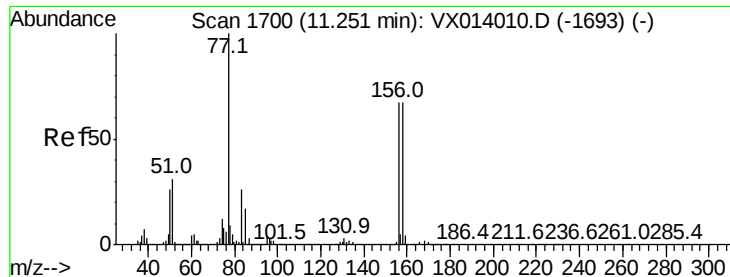
77 31.9 19.3 57.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

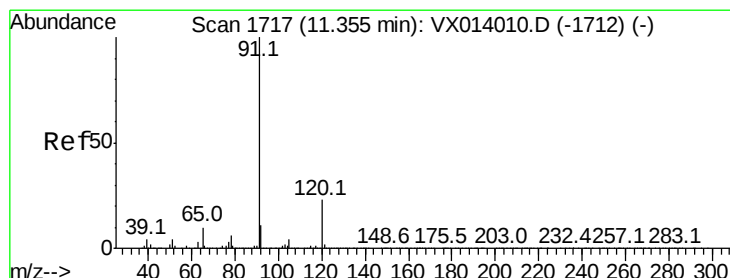
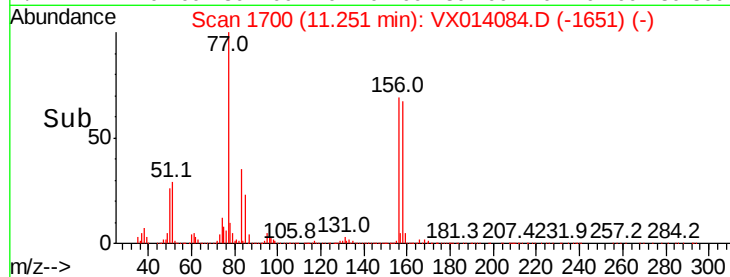
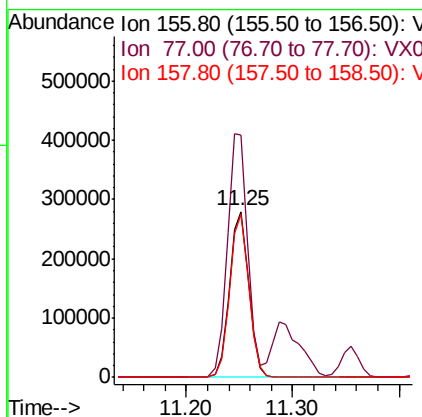
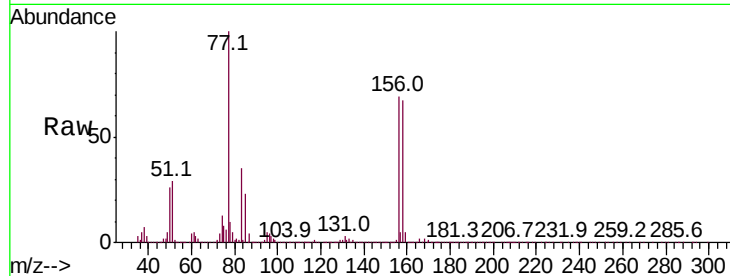




#77
Bromobenzene
Concen: 47.265 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

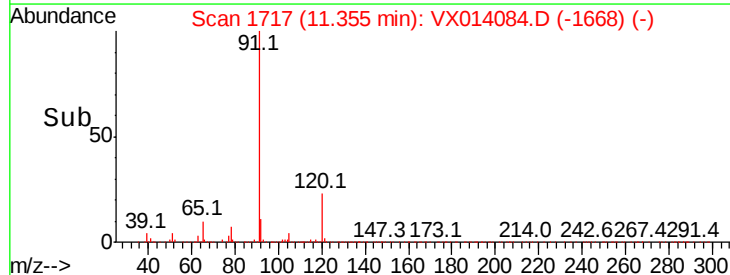
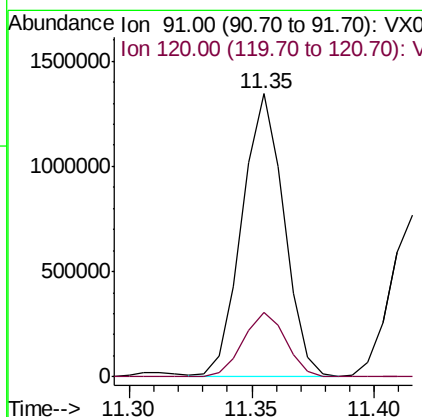
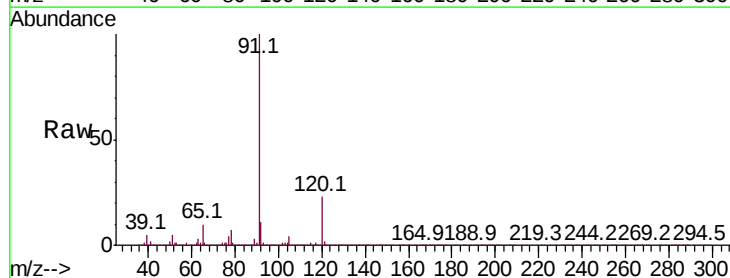
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

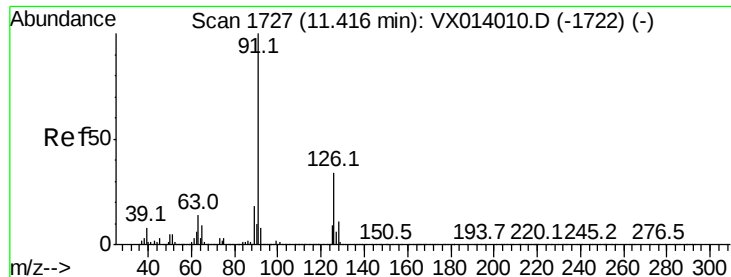
Tot Ion:156 Resp: 358059
Ion Ratio Lower Upper
156 100
77 152.3 76.5 229.5
158 96.9 49.3 147.9



#78
n-propylbenzene
Concen: 51.768 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

Tgt Ion: 91 Resp: 1598817
Ion Ratio Lower Upper
91 100
120 23.5 11.7 35.0

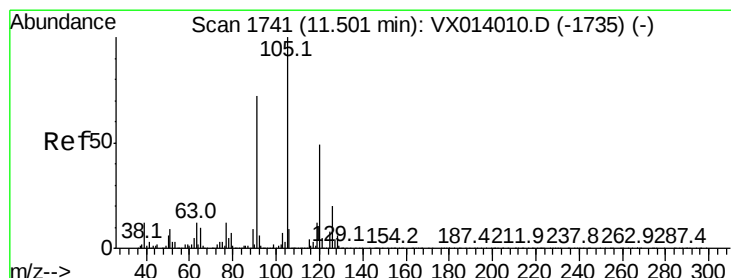
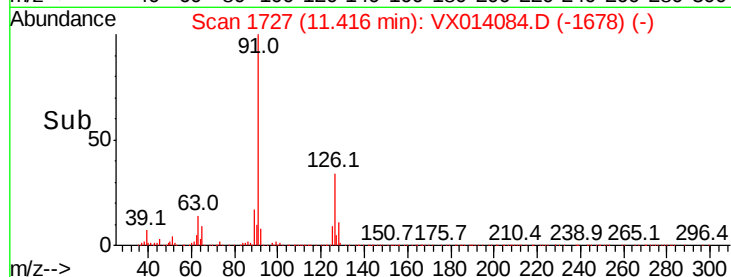
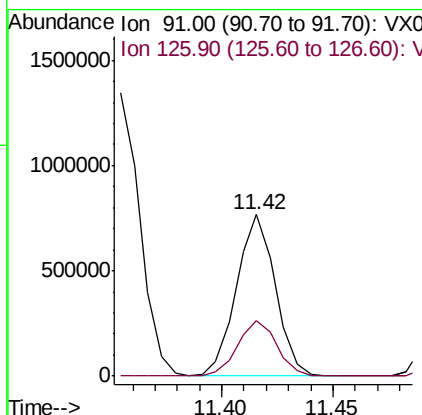
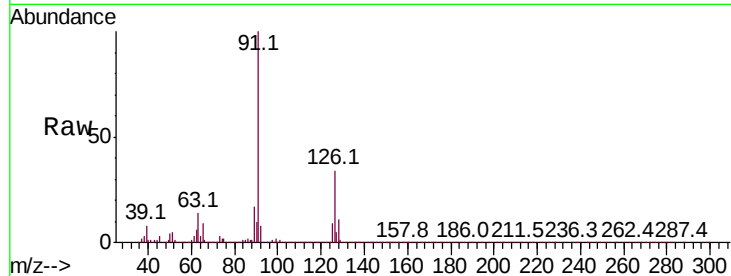




#79
2-Chlorotoluene
Concen: 49.559 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

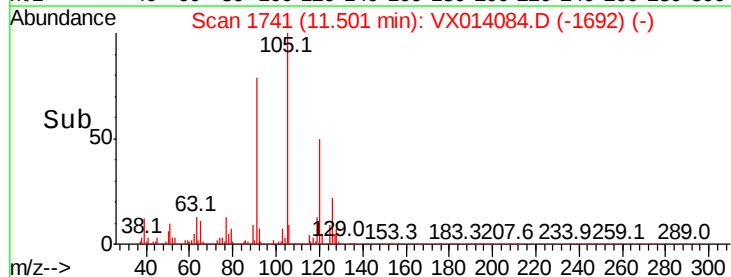
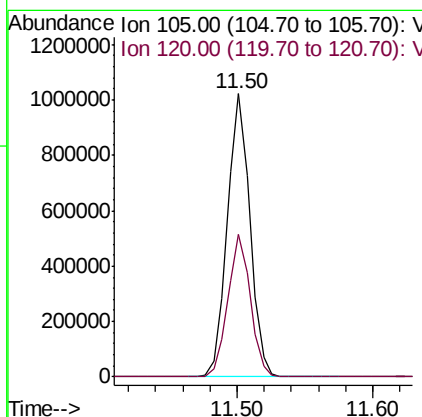
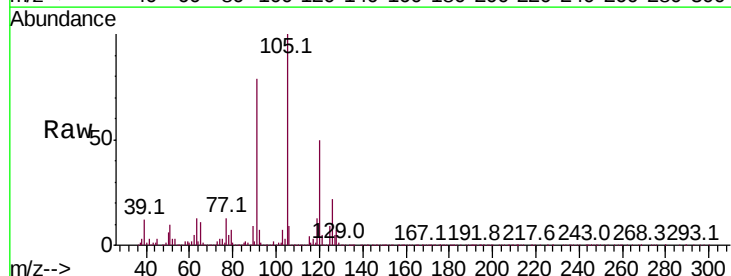
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

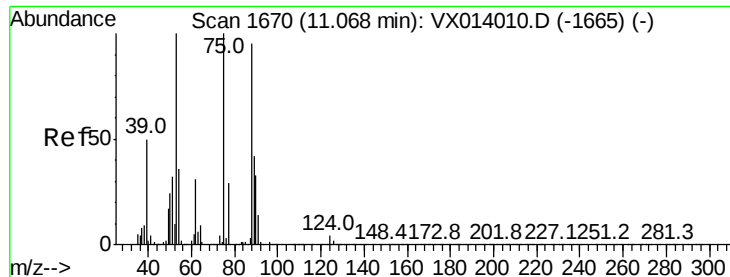
Tot Ion: 91 Resp: 930403
Ion Ratio Lower Upper
91 100
126 34.9 17.2 51.6



#80
1,3,5-Trimethylbenzene
Concen: 50.754 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

Tgt Ion: 105 Resp: 1176100
Ion Ratio Lower Upper
105 100
120 49.9 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 51.164 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

Instrument :

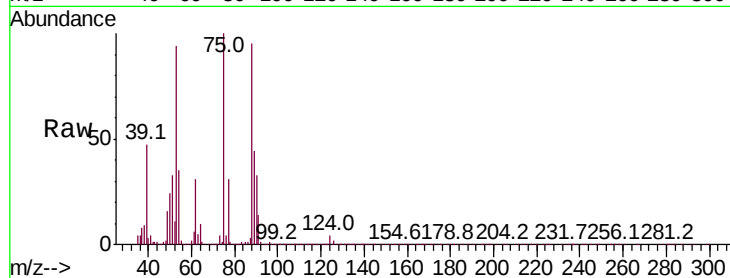
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 153897

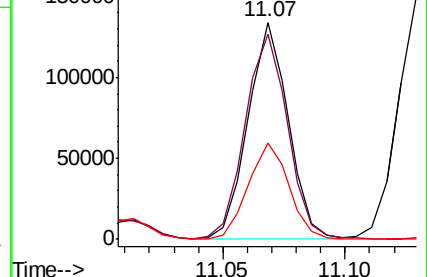
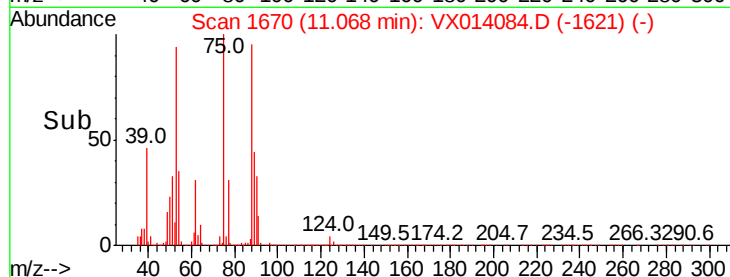
Ion	Ratio	Lower	Upper
75	100		
53	99.0	76.7	115.1
89	45.4	34.6	51.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 49.941 ug/l

RT: 11.51 min Scan# 1742

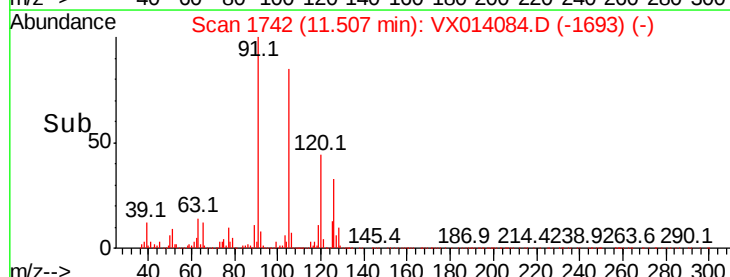
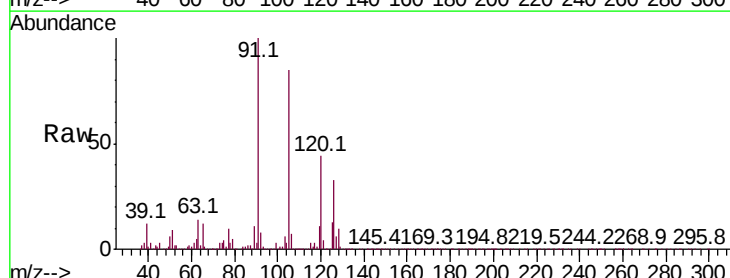
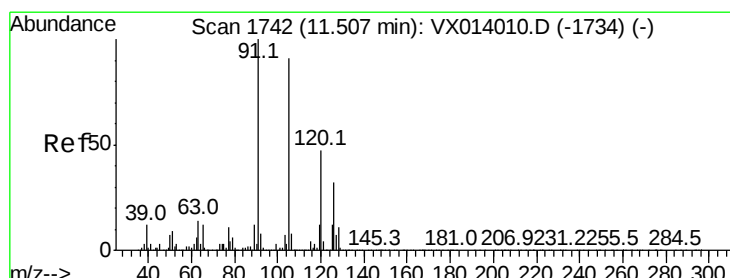
Delta R.T. 0.00 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

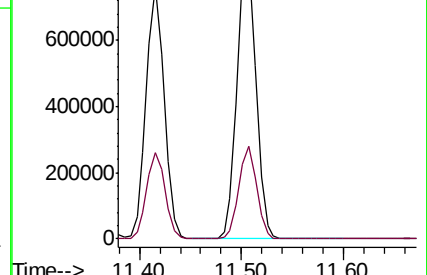
Tgt Ion: 91 Resp: 1087560

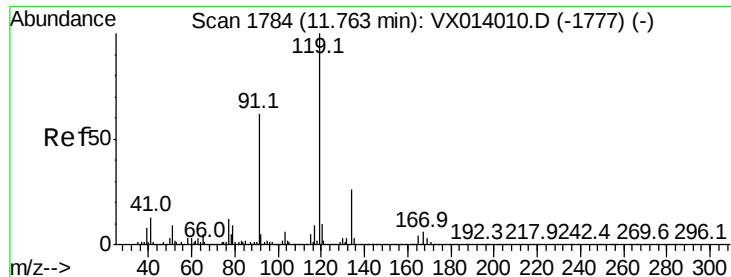
Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.6	46.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

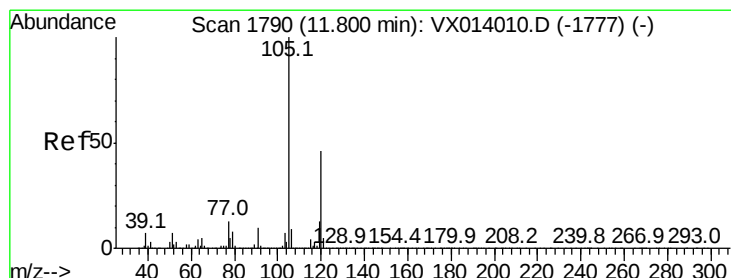
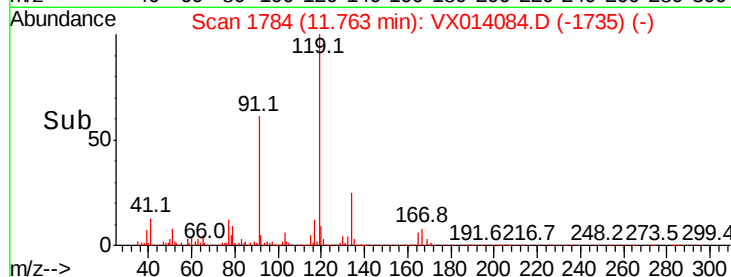
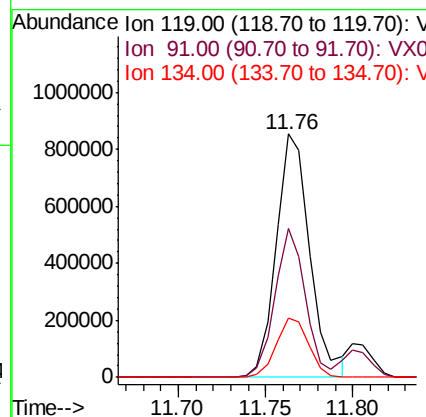
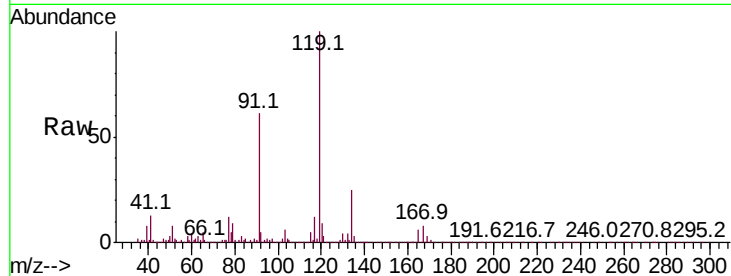




#83
 tert-Butylbenzene
 Concen: 50.868 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX014084.D
 Acq: 18 Dec 2019 09:57

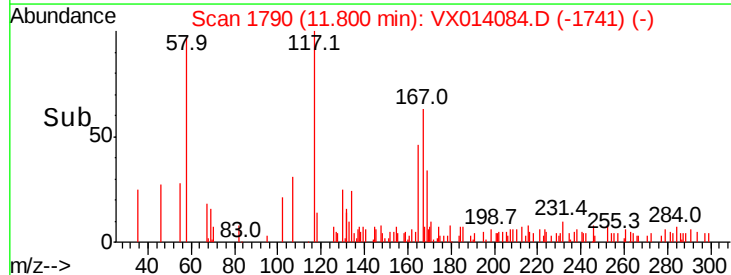
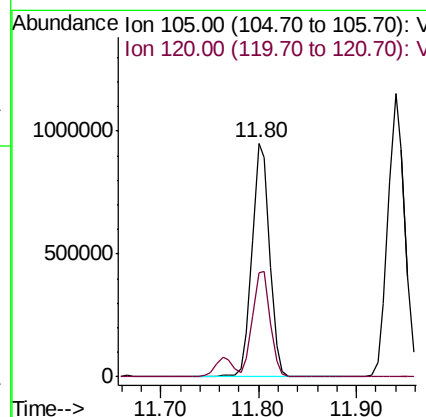
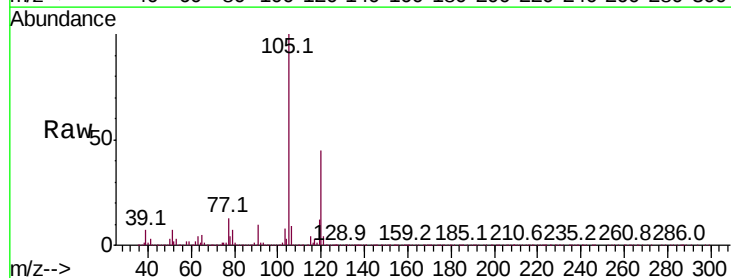
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

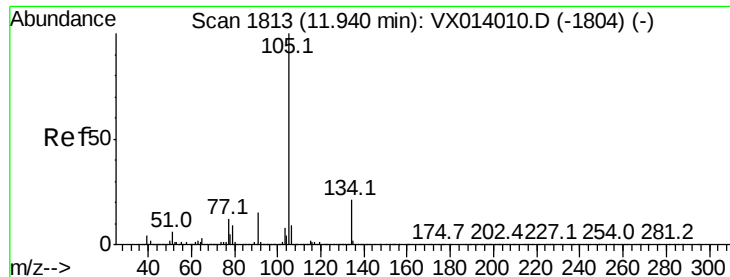
Tot Ion:119 Resp: 1147115
 Ion Ratio Lower Upper
 119 100
 91 55.4 28.5 85.6
 134 23.6 12.2 36.6



#84
 1,2,4-Trimethylbenzene
 Concen: 50.931 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX014084.D
 Acq: 18 Dec 2019 09:57

Tgt Ion:105 Resp: 1181899
 Ion Ratio Lower Upper
 105 100
 120 45.6 23.1 69.2

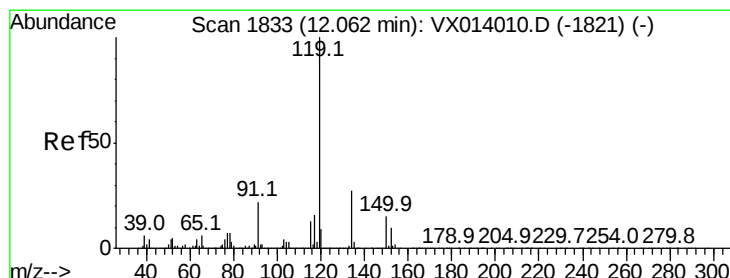
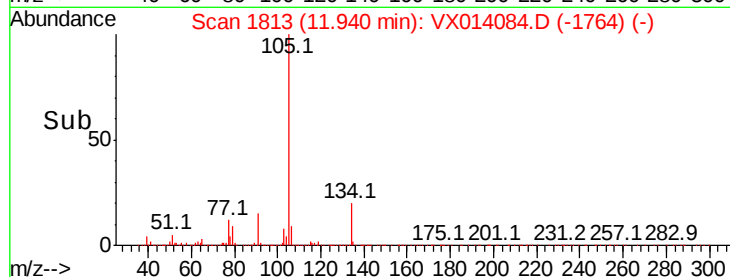
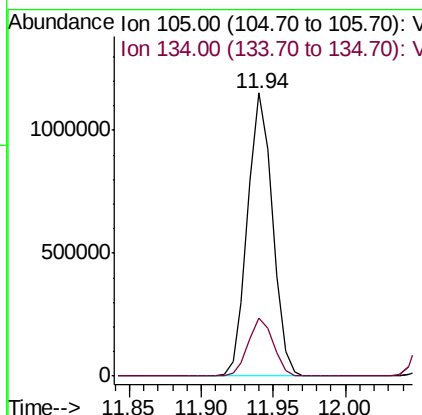
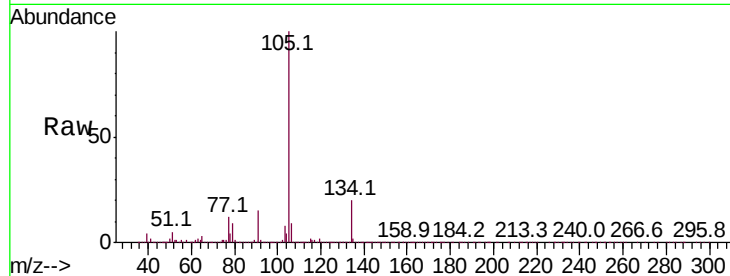




#85
 sec-Butylbenzene
 Concen: 51.588 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014084.D
 Acq: 18 Dec 2019 09:57

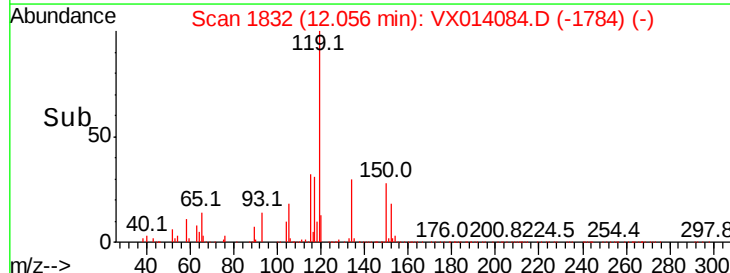
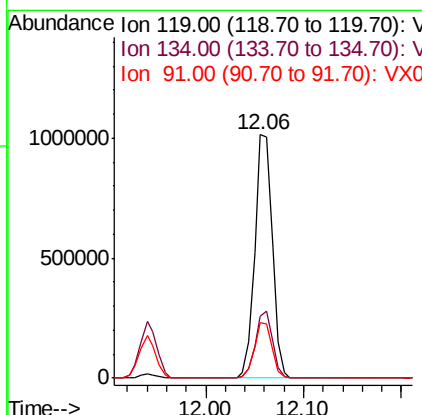
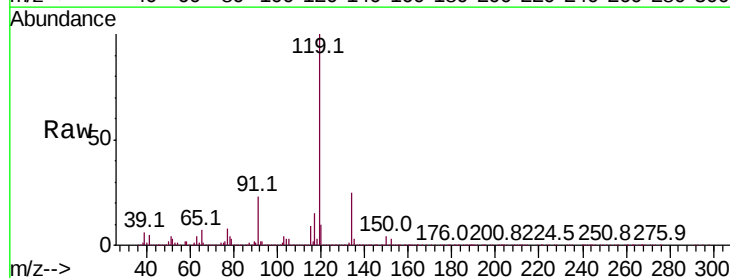
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

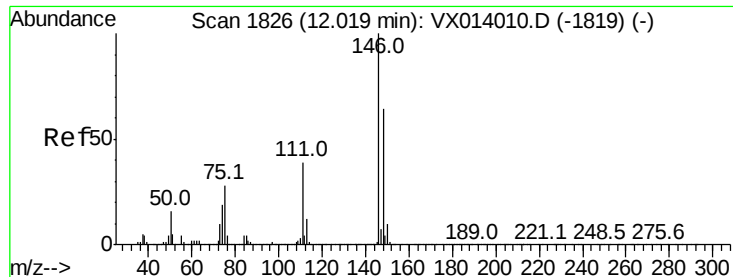
Tot Ion:105 Resp: 1373371
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 51.893 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX014084.D
 Acq: 18 Dec 2019 09:57

Tgt Ion:119 Resp: 1263684
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.4 40.1
 91 22.5 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 48.544 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

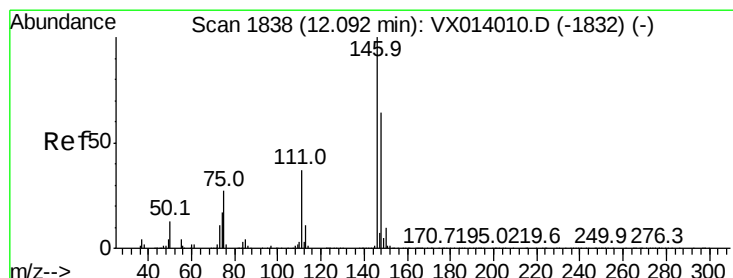
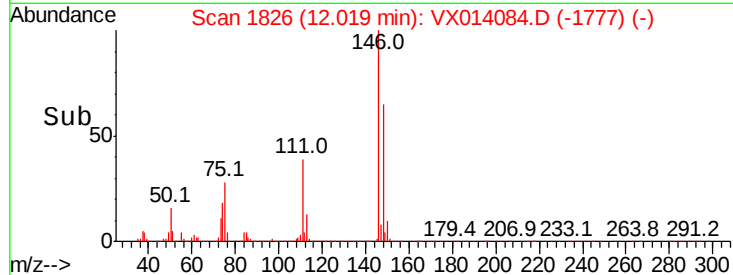
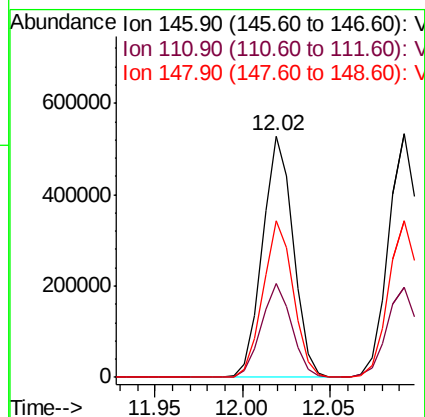
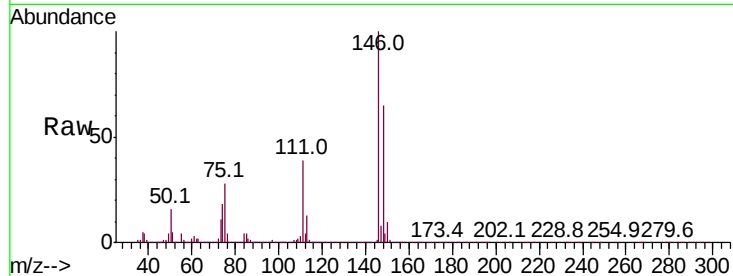
Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:146 Resp: 644523

Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.1	57.1
148	63.9	32.3	96.9



#88

1,4-Dichlorobenzene

Concen: 47.274 ug/l

RT: 12.09 min Scan# 1838

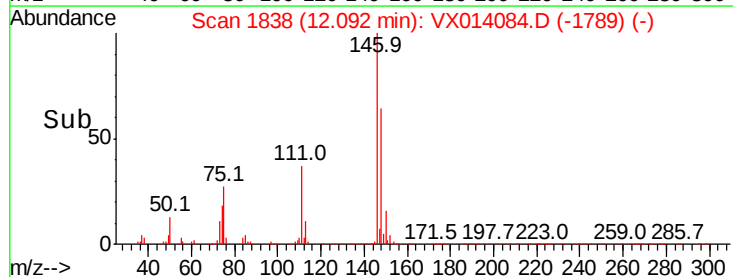
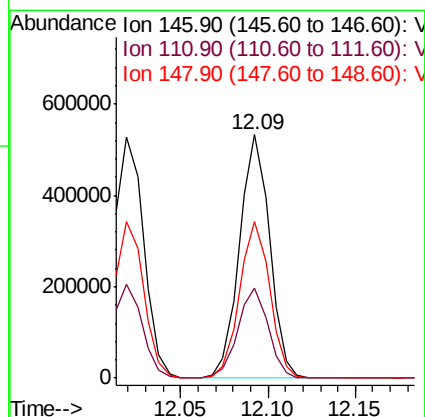
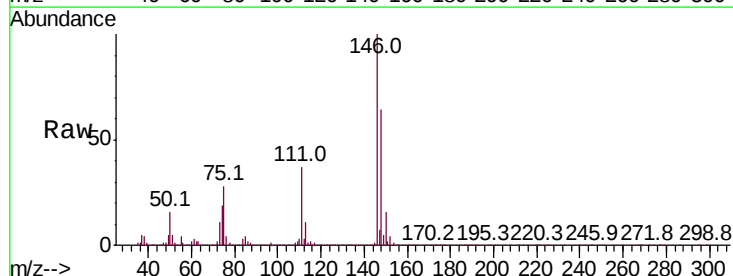
Delta R.T. 0.00 min

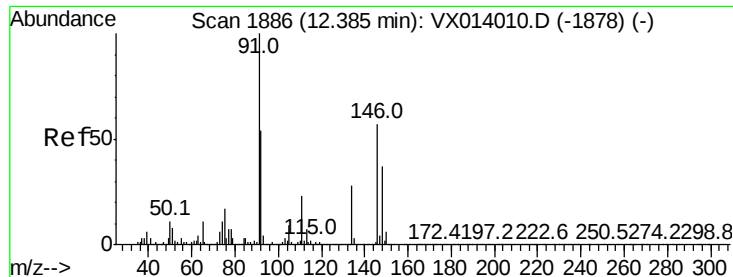
Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

Tgt Ion:146 Resp: 638197

Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.7	56.1
148	64.7	31.9	95.9

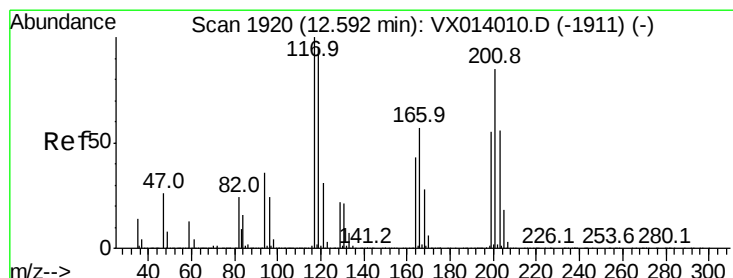
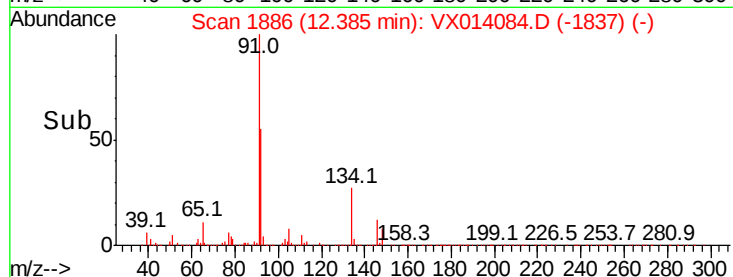
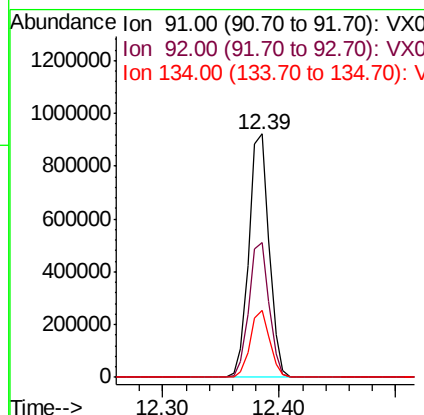
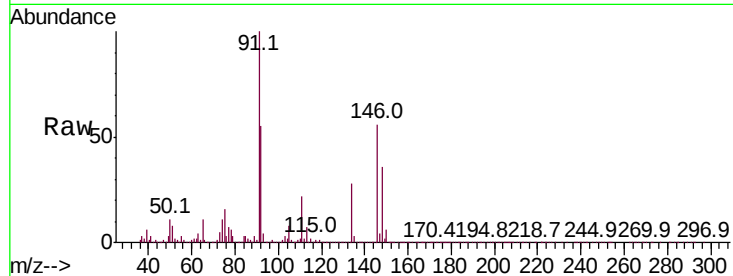




#89
n-Butylbenzene
Concen: 53.998 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

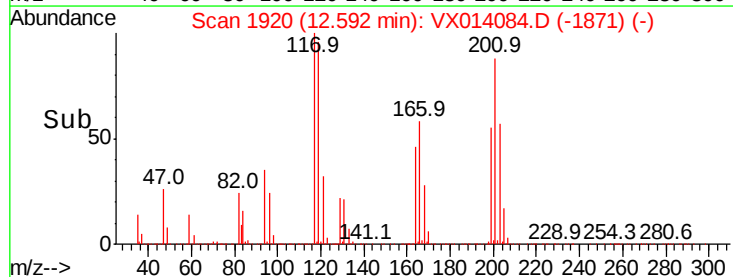
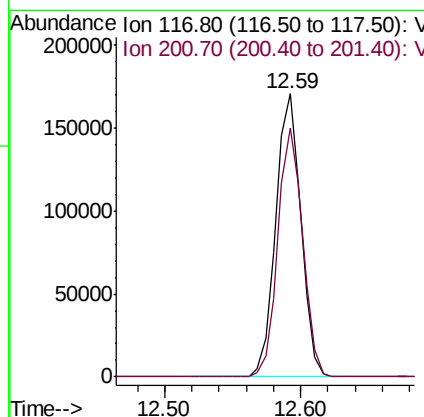
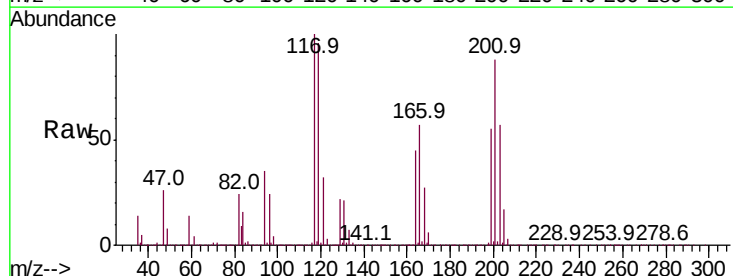
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

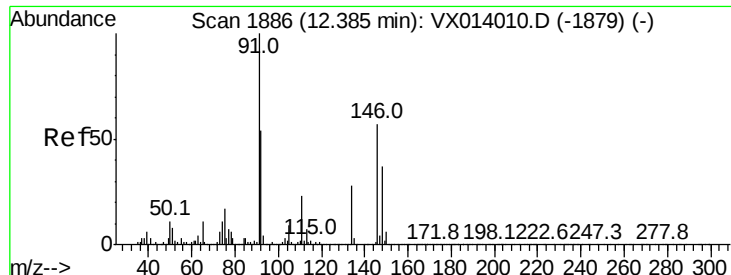
Tot Ion: 91 Resp: 1122001
Ion Ratio Lower Upper
91 100
92 55.3 27.2 81.6
134 26.8 13.4 40.1



#90
Hexachloroethane
Concen: 50.361 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

Tgt Ion: 117 Resp: 220281
Ion Ratio Lower Upper
117 100
201 86.8 43.1 129.3





#91

1,2-Dichlorobenzene

Concen: 47.471 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

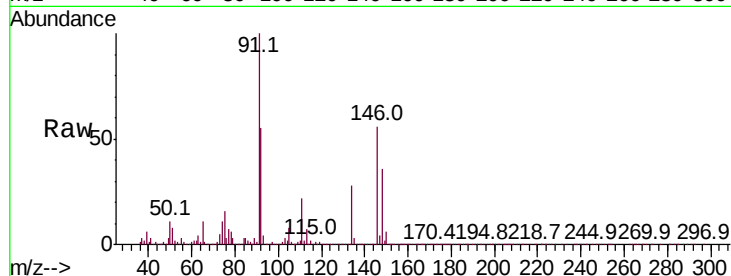
Tot Ion:146 Resp: 634466

Ion Ratio Lower Upper

146 100

111 39.9 19.7 59.1

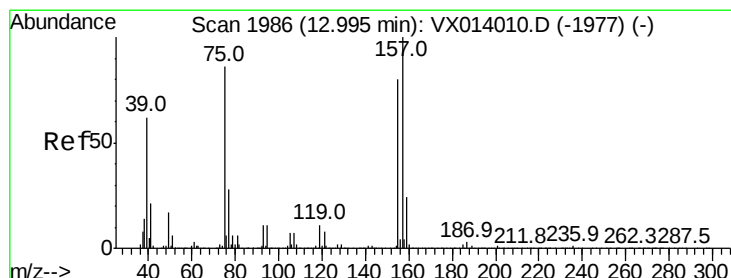
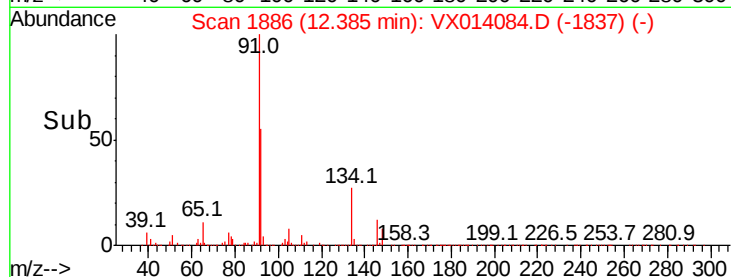
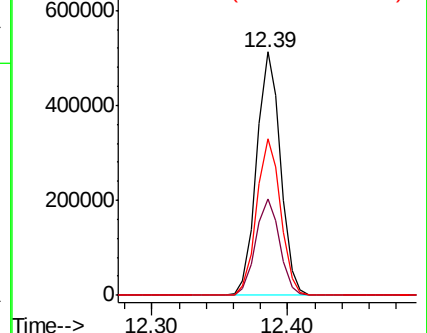
148 64.4 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.512 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

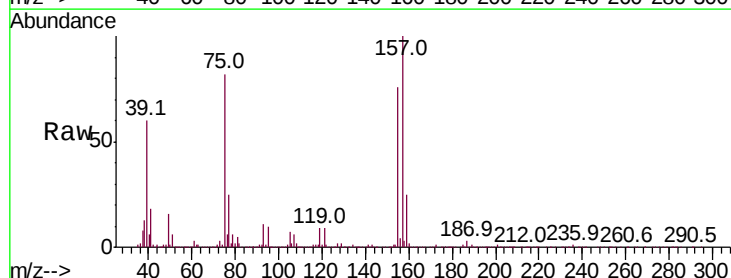
Tgt Ion: 75 Resp: 96141

Ion Ratio Lower Upper

75 100

155 93.3 46.9 140.6

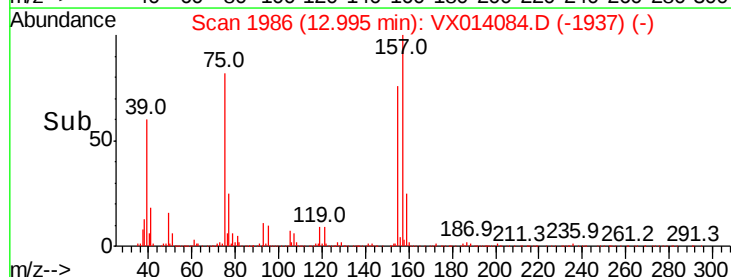
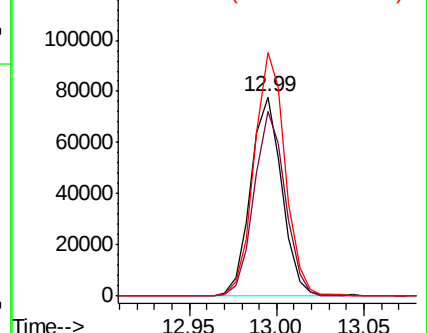
157 122.0 60.8 182.4

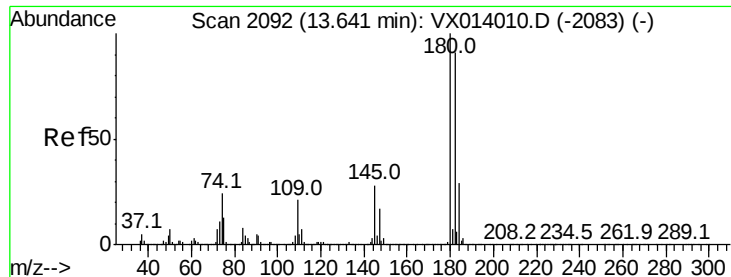


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

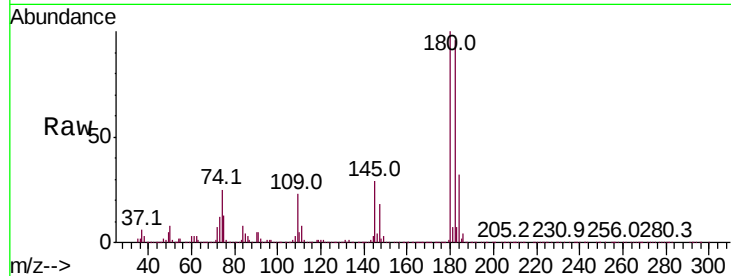




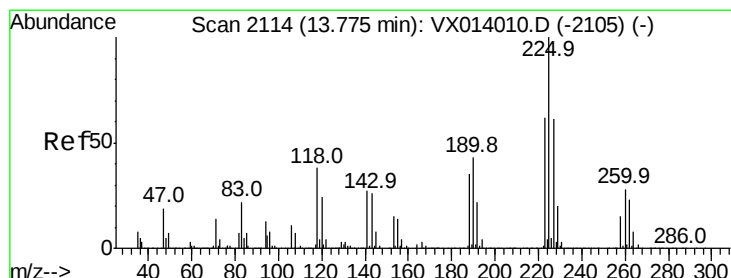
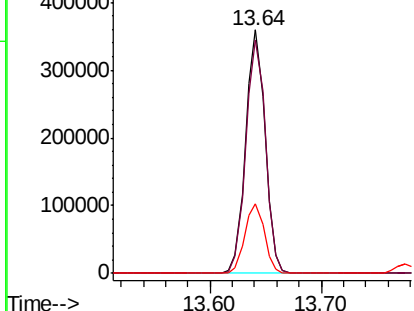
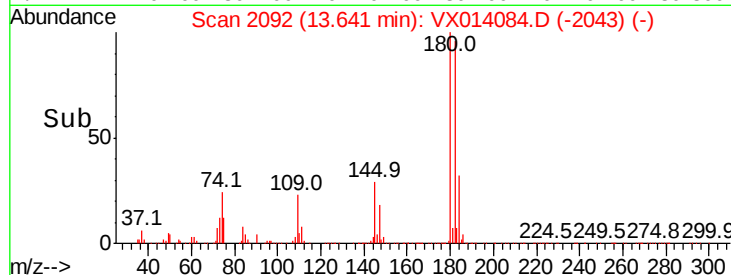
#93
 1,2,4-Trichlorobenzene
 Concen: 50.132 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014084.D
 Acq: 18 Dec 2019 09:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.8	46.6	139.8
145	29.1	14.2	42.6

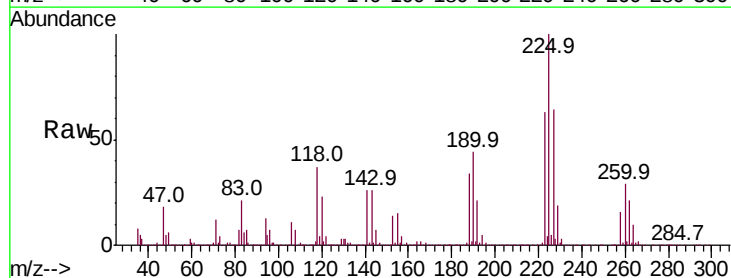


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

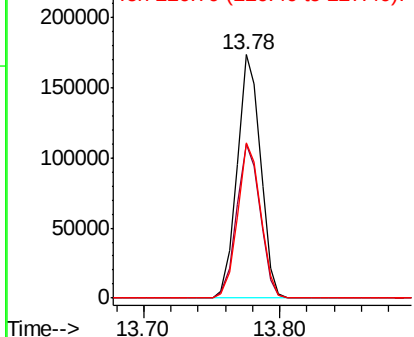
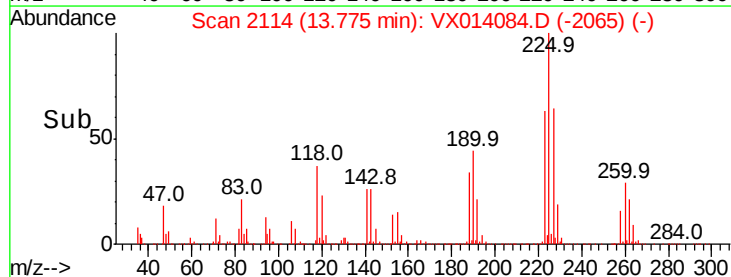


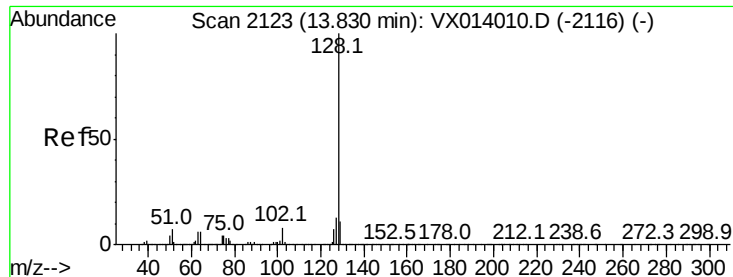
#94
 Hexachlorobutadiene
 Concen: 49.675 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014084.D
 Acq: 18 Dec 2019 09:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	30.9	92.5
227	63.1	30.9	92.7



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 51.450 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

Instrument :

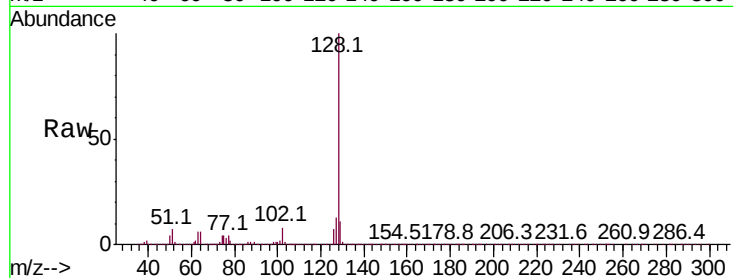
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:128 Resp: 1313136

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.4
129	11.0	8.7	13.1

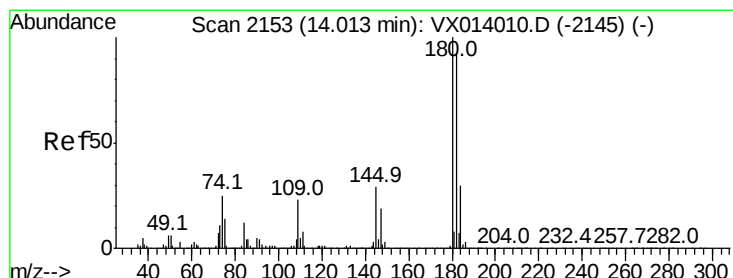
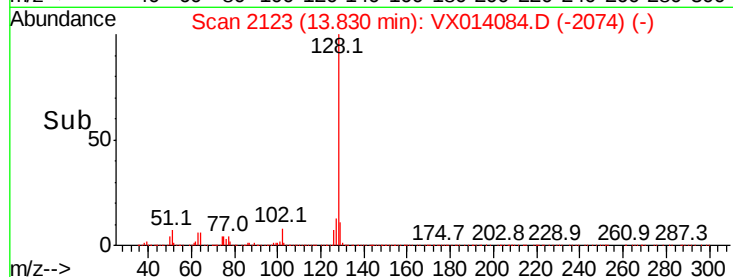
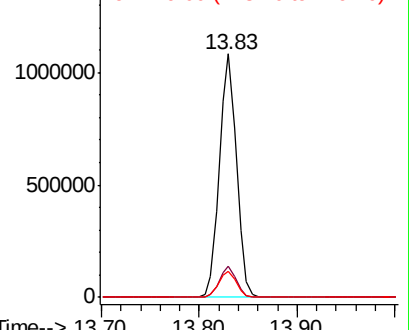


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.443 ug/l

RT: 14.01 min Scan# 2153

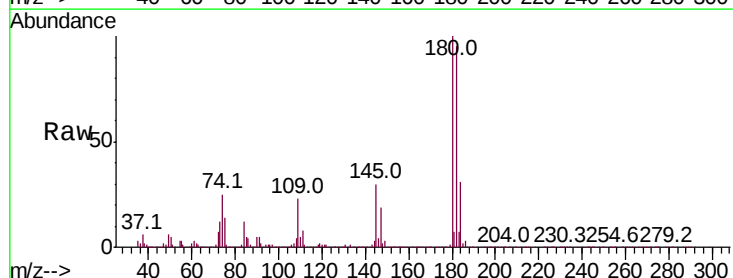
Delta R.T. 0.00 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

Tgt Ion:180 Resp: 432563

Ion	Ratio	Lower	Upper
180	100		
182	96.5	46.8	140.3
145	30.0	14.8	44.4



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

