

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111519\
 Data File : VX013434.D
 Acq On : 15 Nov 2019 10:07
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 15 22:57:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	697558	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1051938	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	951024	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	481591	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	398476	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	
35) Dibromofluoromethane	5.48	113	336536	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
50) Toluene-d8	8.71	98	1290047	51.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.72%	
62) 4-Bromofluorobenzene	11.13	95	463796	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	374665	46.616	ug/l	98
3) Chloromethane	1.32	50	403559	46.301	ug/l	99
4) Vinyl Chloride	1.40	62	473936	47.763	ug/l	100
5) Bromomethane	1.63	94	284395	41.128	ug/l	99
6) Chloroethane	1.71	64	260776	45.876	ug/l	99
7) Trichlorofluoromethane	1.92	101	520338	44.385	ug/l	98
8) Diethyl Ether	2.18	74	236883	45.694	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	331084	50.671	ug/l	98
10) Methyl Iodide	2.50	142	412703	51.016	ug/l	98
11) Tert butyl alcohol	3.03	59	423998	194.660	ug/l	100
12) 1,1-Dichloroethene	2.36	96	315622	49.327	ug/l	99
13) Acrolein	2.28	56	306681	259.790	ug/l	99
14) Allyl chloride	2.72	41	589882	50.738	ug/l	96
15) Acrylonitrile	3.12	53	1015798	249.663	ug/l	98
16) Acetone	2.43	43	981418	238.094	ug/l	99
17) Carbon Disulfide	2.56	76	813037	47.473	ug/l	100
18) Methyl Acetate	2.76	43	578718	50.855	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	1092587	51.196	ug/l	98
20) Methylene Chloride	2.84	84	364808	47.901	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	343781	49.345	ug/l	99
22) Diisopropyl ether	3.84	45	1178100	52.488	ug/l	92
23) Vinyl Acetate	3.80	43	4880269	254.097	ug/l	100
24) 1,1-Dichloroethane	3.68	63	630793	50.238	ug/l	99
25) 2-Butanone	4.65	43	1472909	243.577	ug/l	99
26) 2,2-Dichloropropane	4.57	77	524578	52.517	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	400697	51.343	ug/l	100
28) Bromochloromethane	5.00	49	198291	55.620	ug/l	100
29) Tetrahydrofuran	5.11	42	906169	243.175	ug/l	100
30) Chloroform	5.20	83	623646	50.301	ug/l	99
31) Cyclohexane	5.56	56	557600	49.353	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	524822	49.187	ug/l	99
36) 1,1-Dichloropropene	5.79	75	467100	51.760	ug/l	99
37) Ethyl Acetate	4.81	43	545912	48.956	ug/l	99
38) Carbon Tetrachloride	5.77	117	452907	51.323	ug/l	99

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Quant Time: Nov 15 22:57:15 2019
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 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	585031	52.028	ug/l	99
40) Benzene	6.13	78	1426534	50.747	ug/l	99
41) Methacrylonitrile	5.02	41	304101	48.655	ug/l	97
42) 1,2-Dichloroethane	6.18	62	496163	48.933	ug/l	98
43) Isopropyl Acetate	6.43	43	882935	50.848	ug/l	99
44) Trichloroethene	7.20	130	388254	50.176	ug/l	96
45) 1,2-Dichloropropane	7.50	63	374172	52.241	ug/l	97
46) Dibromomethane	7.65	93	241996	49.485	ug/l	98
47) Bromodichloromethane	7.89	83	489216	53.051	ug/l	97
48) Methyl methacrylate	7.76	41	446145	51.472	ug/l	97
49) 1,4-Dioxane	7.73	88	175277	882.999	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2823072	247.803	ug/l	99
52) Toluene	8.78	92	900173	51.667	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	550751	54.617	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	607804	53.884	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	369696	51.194	ug/l	98
56) Ethyl methacrylate	9.17	69	604157	49.035	ug/l	97
57) 1,3-Dichloropropane	9.37	76	626808	51.131	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	1468188	297.341	ug/l	100
59) 2-Hexanone	9.48	43	2196708	249.519	ug/l	99
60) Dibromochloromethane	9.57	129	398085	53.900	ug/l	100
61) 1,2-Dibromoethane	9.67	107	390051	50.865	ug/l	100
64) Tetrachloroethene	9.33	164	343502	50.455	ug/l	98
65) Chlorobenzene	10.14	112	978502	50.821	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	366844	51.891	ug/l	100
67) Ethyl Benzene	10.25	91	1740005	52.362	ug/l	100
68) m/p-Xylenes	10.35	106	1336452	106.343	ug/l	99
69) o-Xylene	10.70	106	642281	52.202	ug/l	100
70) Styrene	10.71	104	1114422	54.184	ug/l	99
71) Bromoform	10.85	173	312125	47.770	ug/l	98
73) Isopropylbenzene	11.01	105	1727259	54.095	ug/l	100
74) N-amyl acetate	10.89	43	796410	53.787	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	600766	51.574	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	688869	70.424	ug/l	79
77) Bromobenzene	11.25	156	447431	52.564	ug/l	99
78) n-propylbenzene	11.35	91	1982079	55.726	ug/l	99
79) 2-Chlorotoluene	11.42	91	1151177	53.718	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1445996	54.369	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	201864	53.119	ug/l	97
82) 4-Chlorotoluene	11.51	91	1334538	53.199	ug/l	100
83) tert-Butylbenzene	11.76	119	1463004	54.645	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1463405	54.851	ug/l	98
85) sec-Butylbenzene	11.94	105	1710099	55.577	ug/l	100
86) p-Isopropyltoluene	12.06	119	1599339	56.447	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	808464	53.283	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	809381	52.356	ug/l	100
89) n-Butylbenzene	12.39	91	1411246	57.082	ug/l	99
90) Hexachloroethane	12.59	117	283343	56.127	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	802113	52.885	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	128334	45.220	ug/l	98

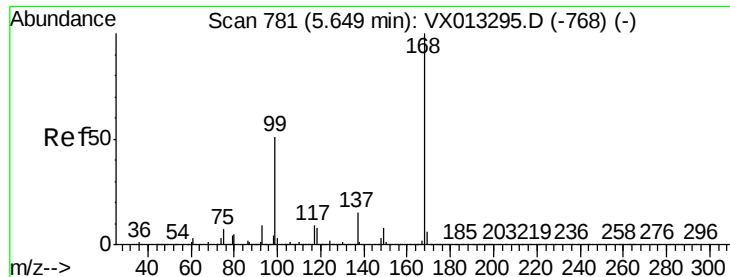
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	576468	54.488	ug/l	100
94) Hexachlorobutadiene	13.78	225	287139	55.476	ug/l	98
95) Naphthalene	13.83	128	1751704	52.772	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	568657	53.596	ug/l	99

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

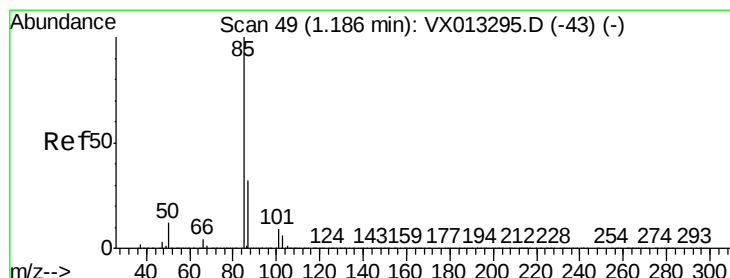
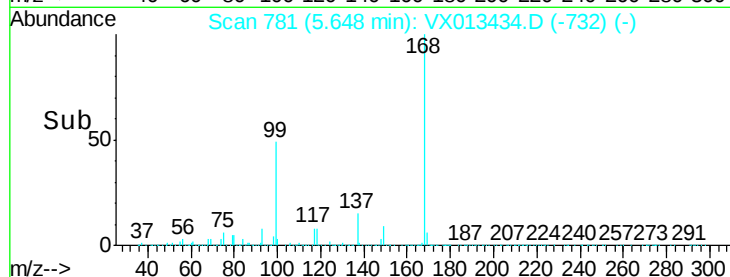
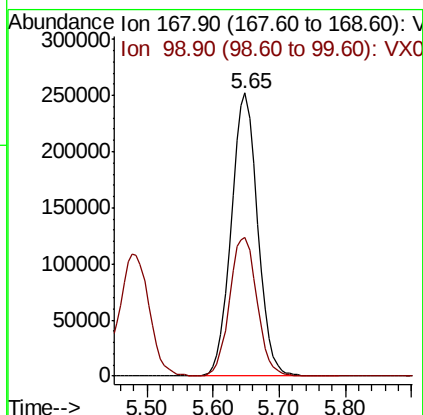
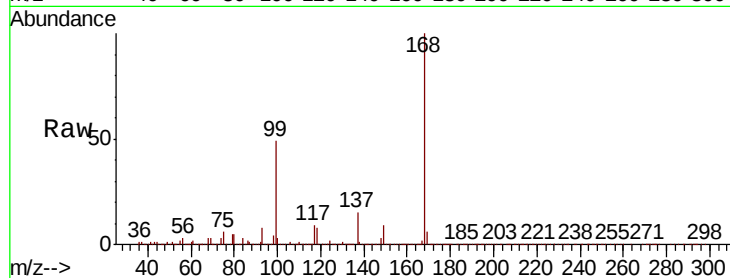


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.00 min
 Lab File: VX013434.D
 Acq: 15 Nov 2019 10:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

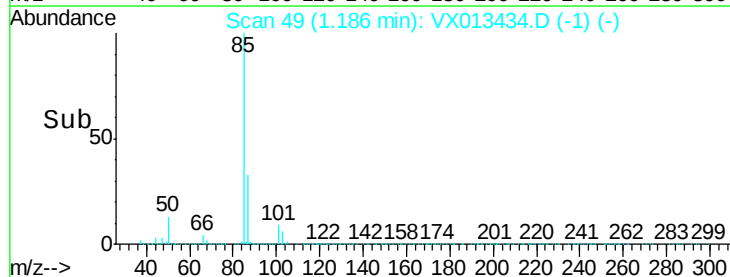
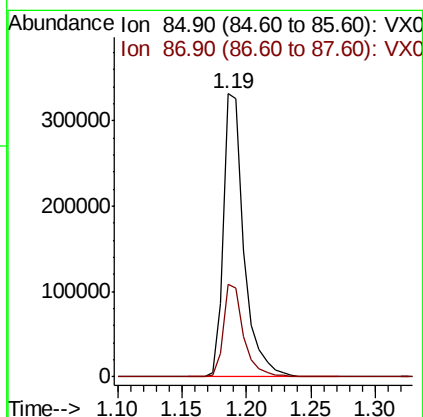
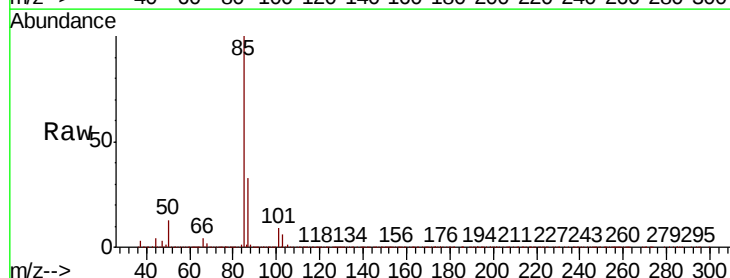
Tot Ion:168 Resp: 697558
 Ion Ratio Lower Upper
 168 100
 99 48.7 40.8 61.2

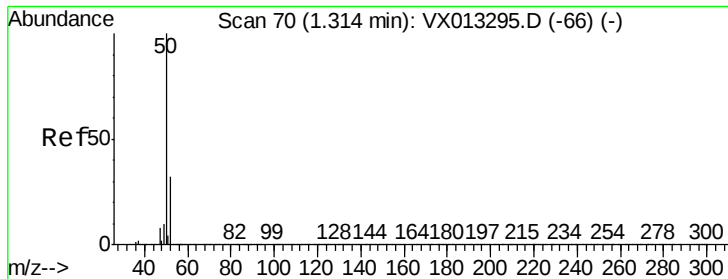


#2

Dichlorodifluoromethane
 Concen: 46.616 ug/l
 RT: 1.19 min Scan# 49
 Delta R.T. -0.00 min
 Lab File: VX013434.D
 Acq: 15 Nov 2019 10:07

Tgt Ion: 85 Resp: 374665
 Ion Ratio Lower Upper
 85 100
 87 32.8 15.9 47.6





#3

Chloromethane

Concen: 46.301 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

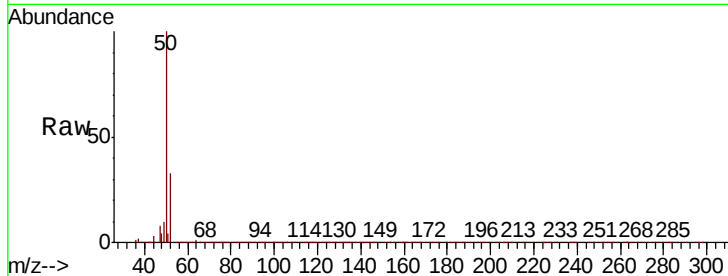
VSTDCCC050

Tot Ion: 50 Resp: 403559

Ion Ratio Lower Upper

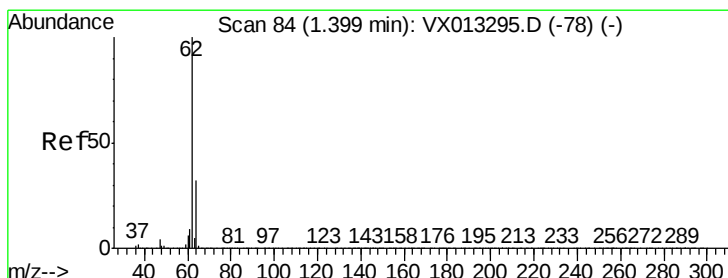
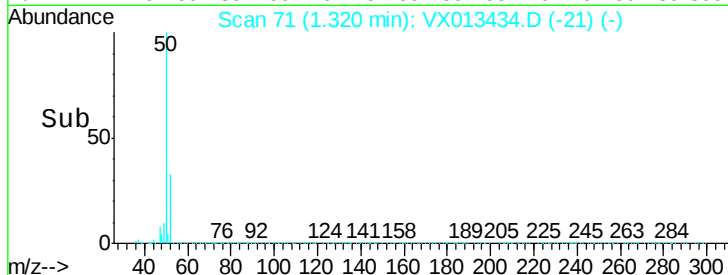
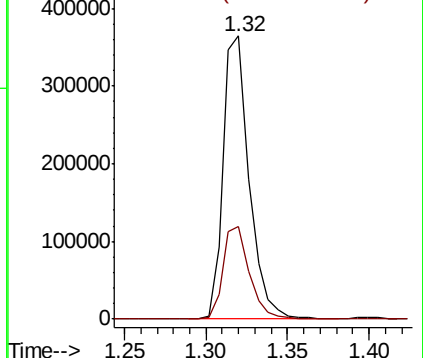
50 100

52 32.6 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 47.763 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013434.D

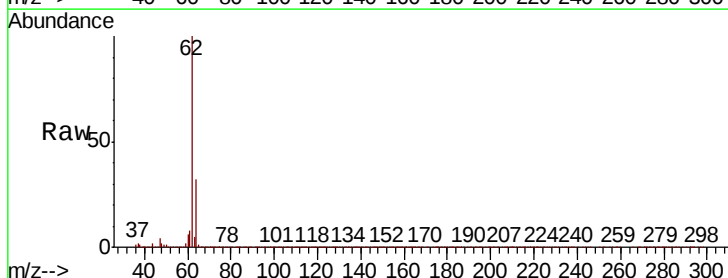
Acq: 15 Nov 2019 10:07

Tgt Ion: 62 Resp: 473936

Ion Ratio Lower Upper

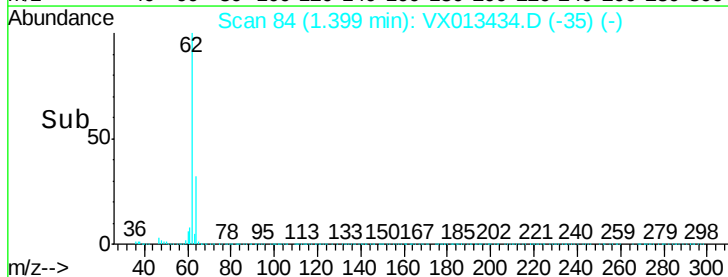
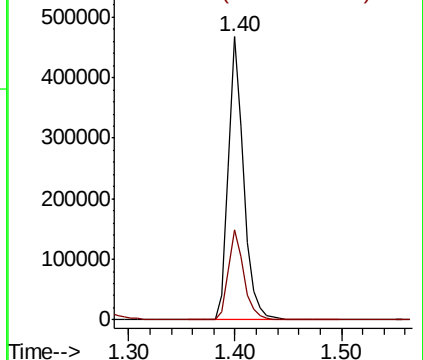
62 100

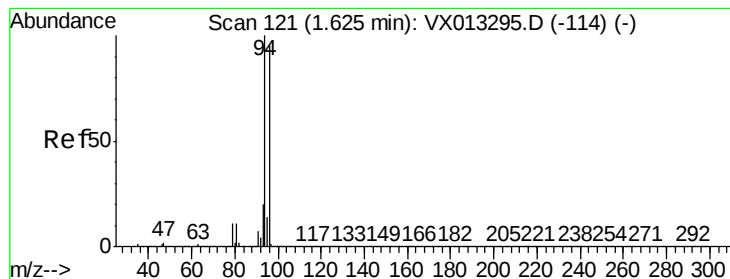
64 31.9 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 41.128 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

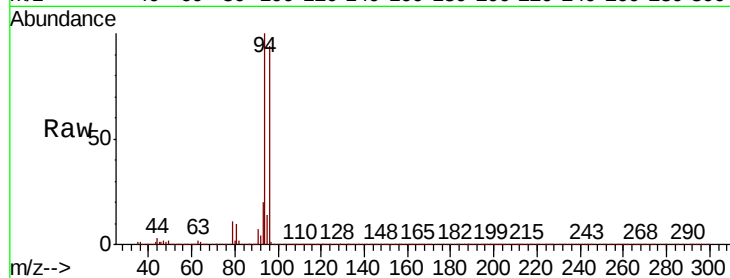
VSTDCCC050

Tot Ion: 94 Resp: 284395

Ion Ratio Lower Upper

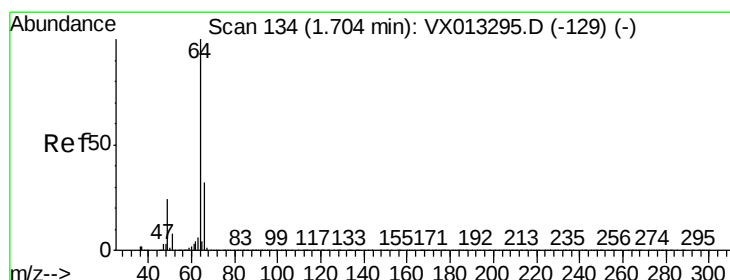
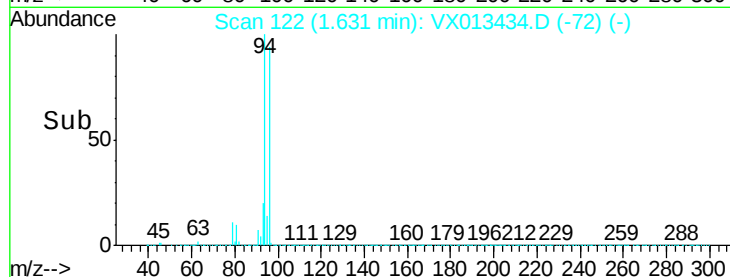
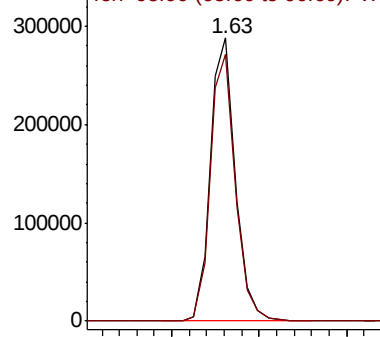
94 100

96 94.1 75.8 113.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 45.876 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX013434.D

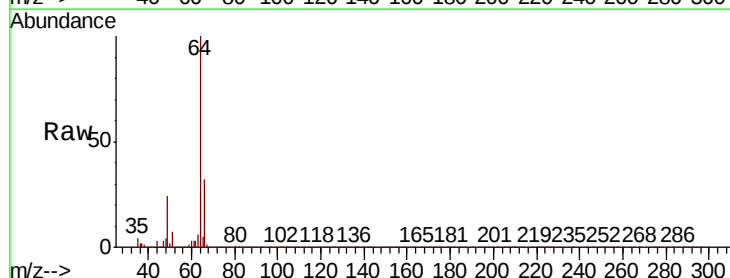
Acq: 15 Nov 2019 10:07

Tgt Ion: 64 Resp: 260776

Ion Ratio Lower Upper

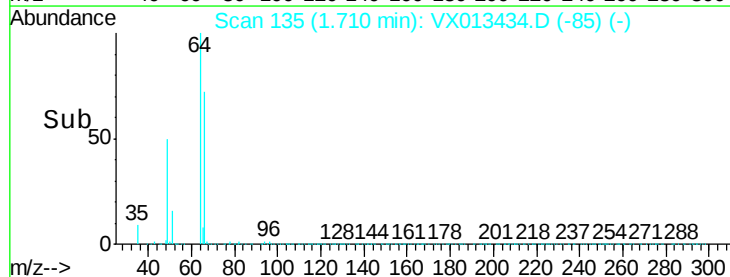
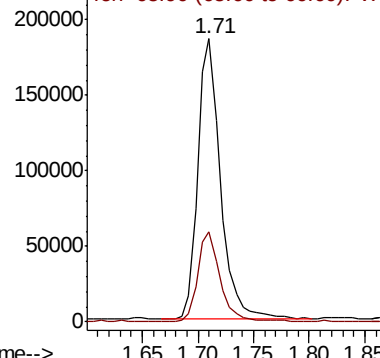
64 100

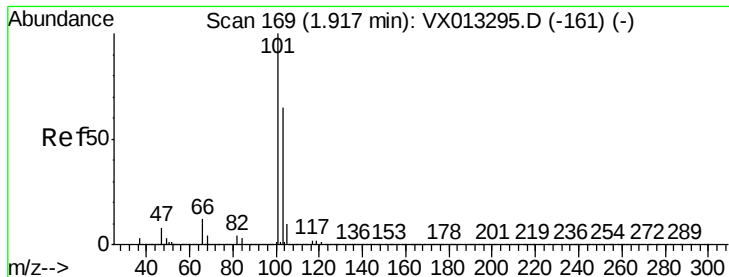
66 31.7 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



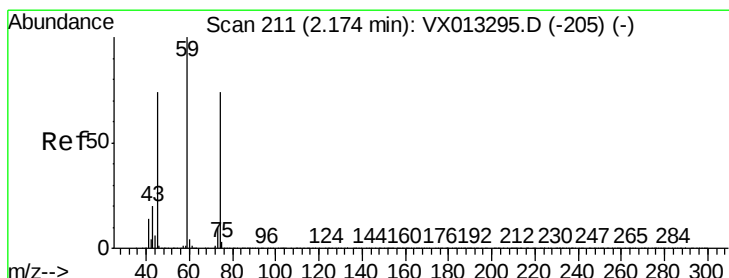
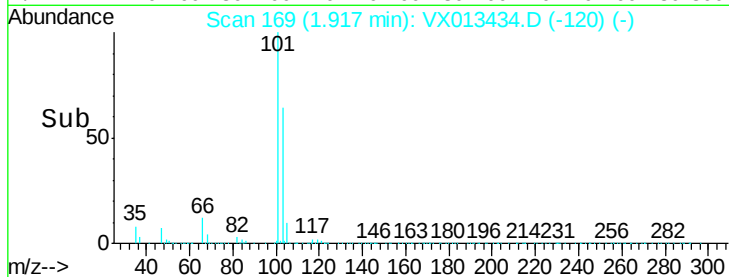
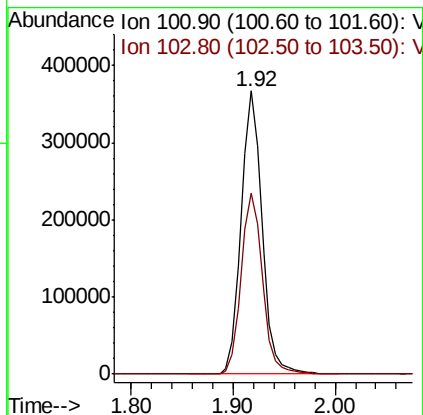
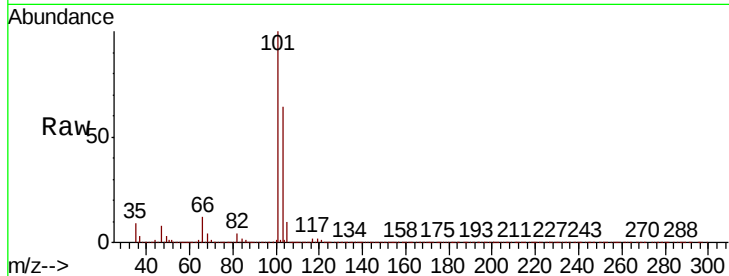


#7

Trichlorofluoromethane
Concen: 44.385 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX013434.D
Acq: 15 Nov 2019 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

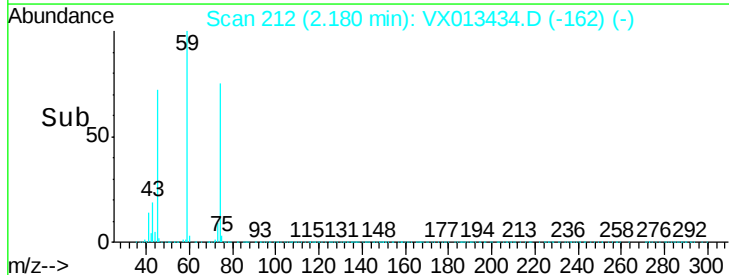
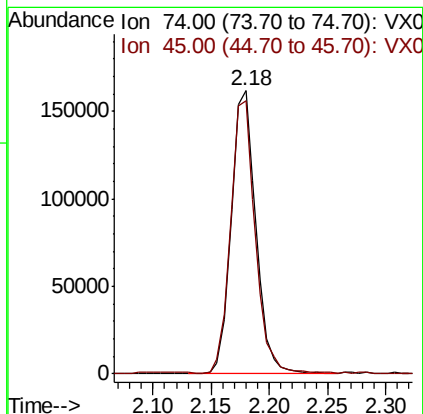
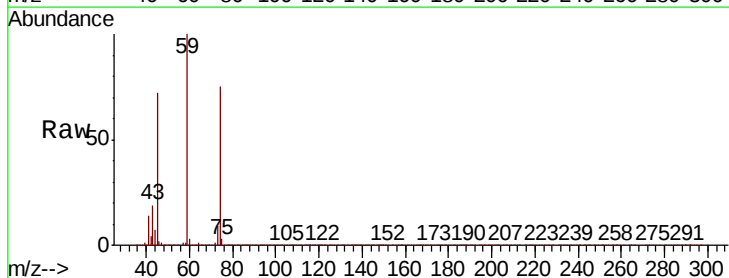
Tot Ion:101 Resp: 520338
Ion Ratio Lower Upper
101 100
103 64.0 52.3 78.5

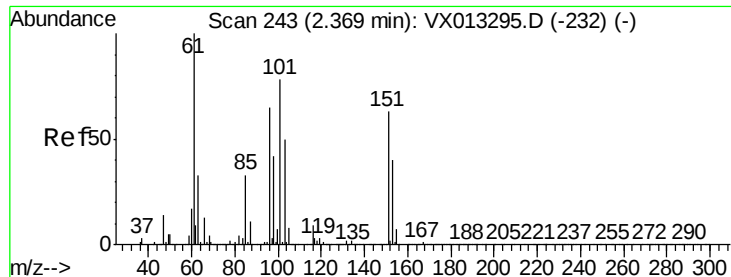


#8

Diethyl Ether
Concen: 45.694 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013434.D
Acq: 15 Nov 2019 10:07

Tgt Ion: 74 Resp: 236883
Ion Ratio Lower Upper
74 100
45 97.0 48.5 145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.671 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

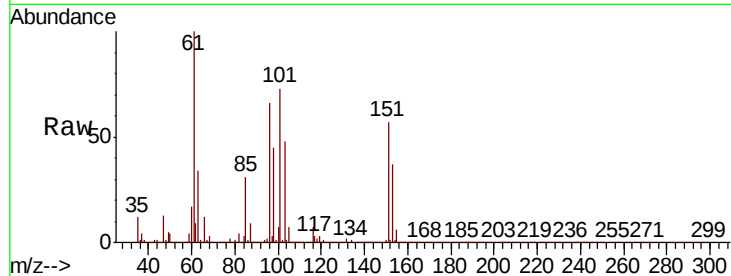
Tot Ion:101 Resp: 331084

Ion Ratio Lower Upper

101 100

85 41.8 34.4 51.6

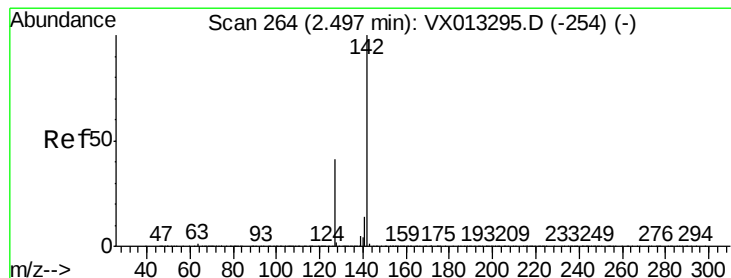
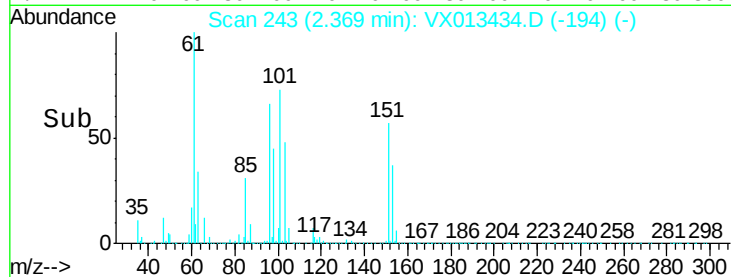
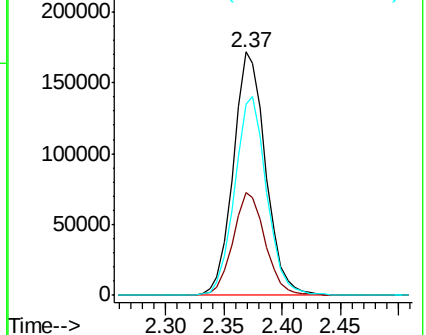
151 81.3 66.4 99.6



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: 51.016 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.00 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

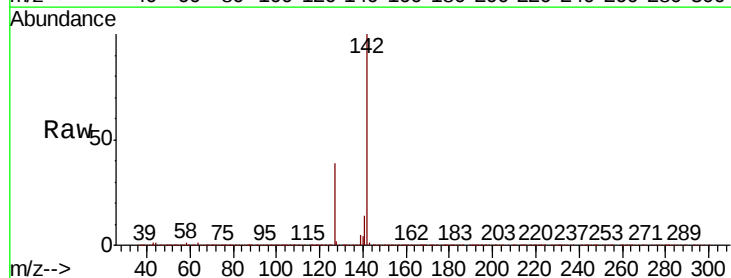
Tgt Ion:142 Resp: 412703

Ion Ratio Lower Upper

142 100

127 38.9 32.6 49.0

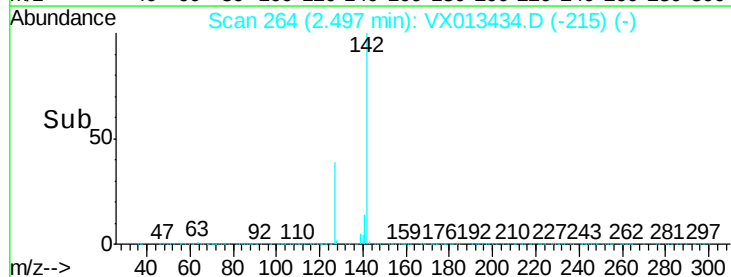
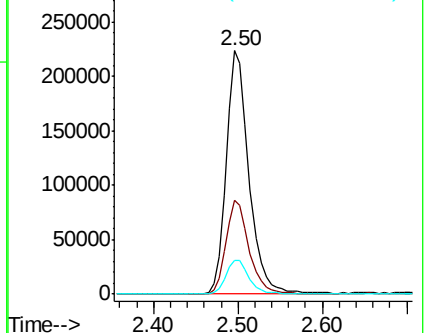
141 14.2 11.6 17.4

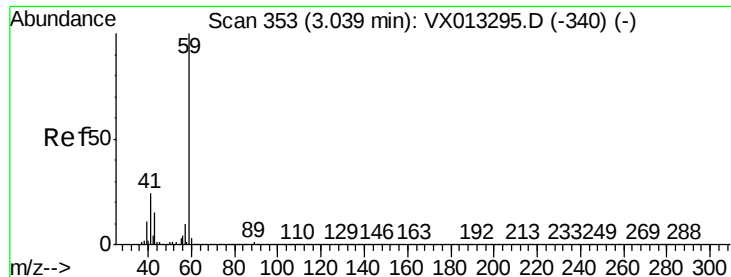


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



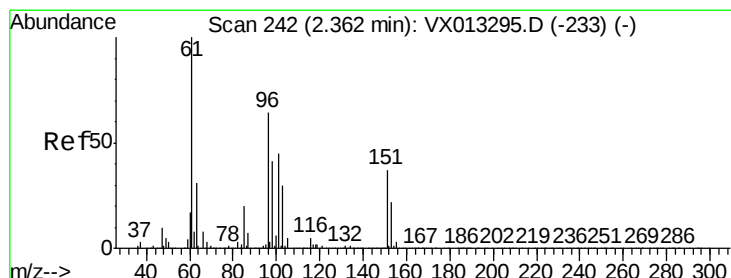
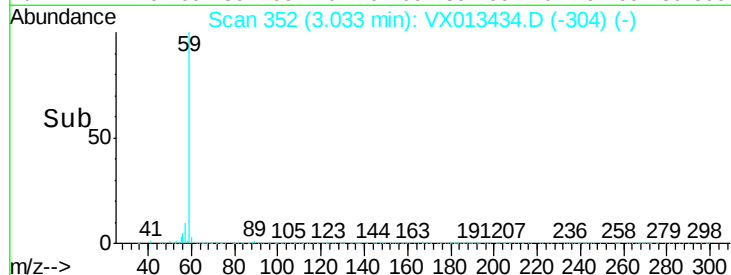
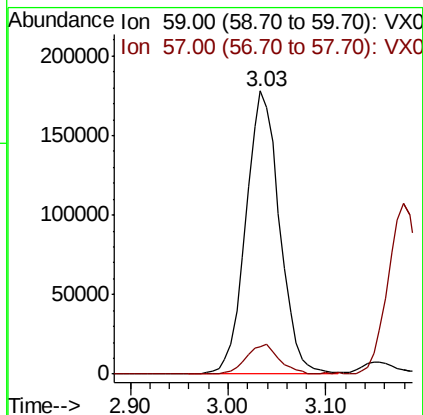
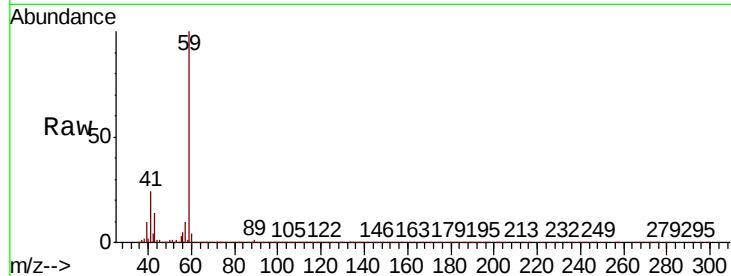


#11

Tert butyl alcohol
Concen: 194.660 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX013434.D
Acq: 15 Nov 2019 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

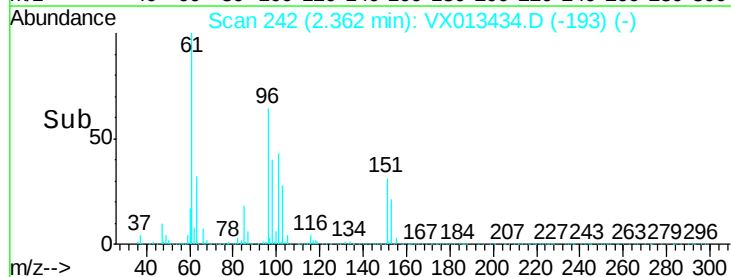
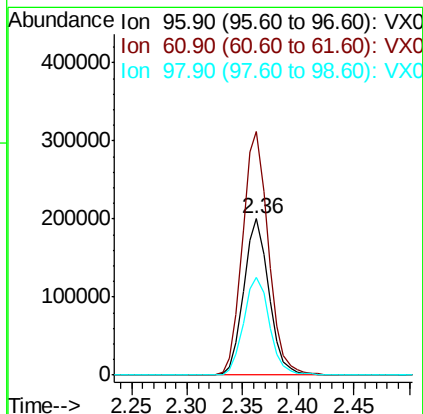
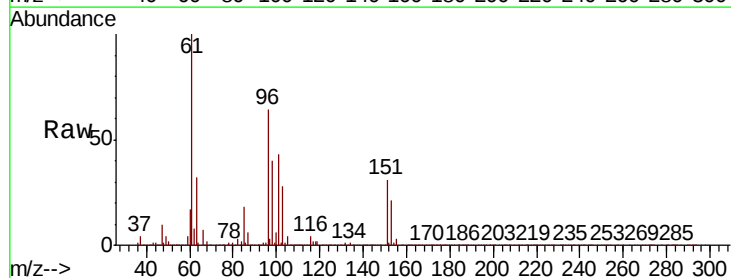
Tot Ion: 59 Resp: 423998
Ion Ratio Lower Upper
59 100
57 9.9 8.0 12.0

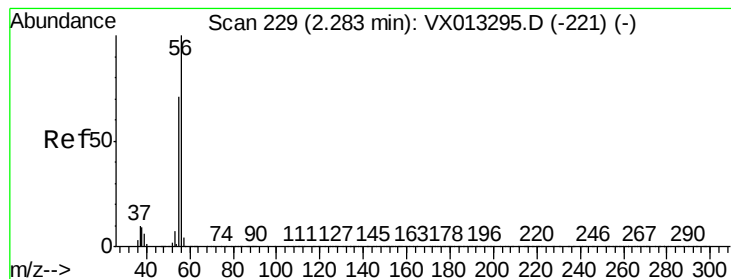


#12

1,1-Dichloroethene
Concen: 49.327 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013434.D
Acq: 15 Nov 2019 10:07

Tgt Ion: 96 Resp: 315622
Ion Ratio Lower Upper
96 100
61 155.6 125.0 187.6
98 62.2 50.7 76.1





#13

Acrolein

Concen: 259.790 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

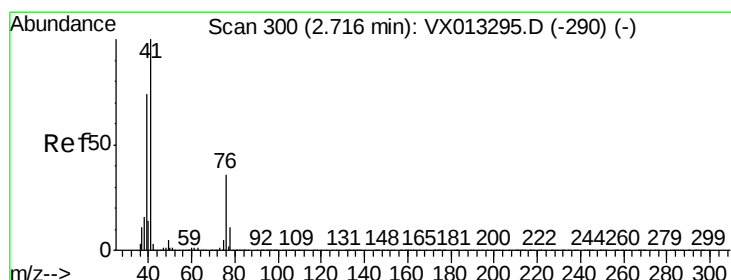
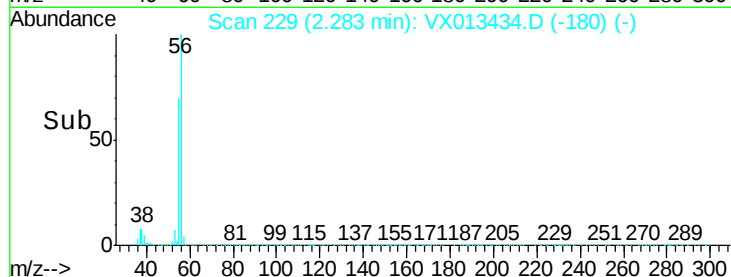
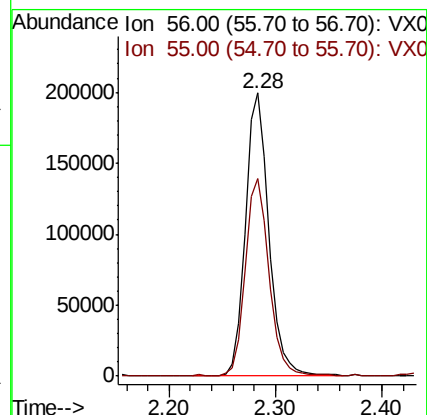
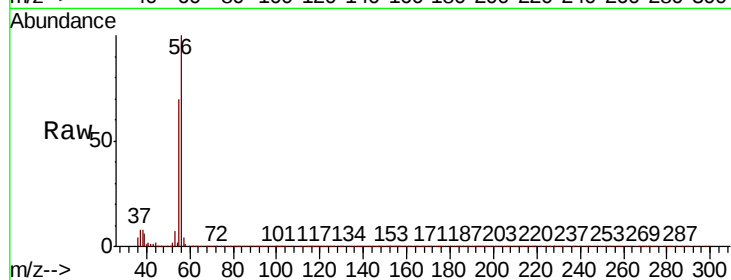
VSTDCCC050

Tot Ion: 56 Resp: 306681

Ion Ratio Lower Upper

56 100

55 70.6 57.4 86.0



#14

Allyl chloride

Concen: 50.738 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

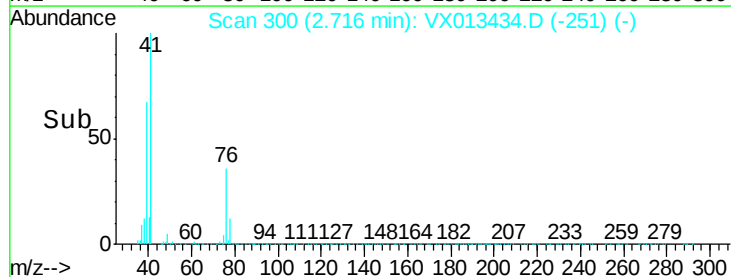
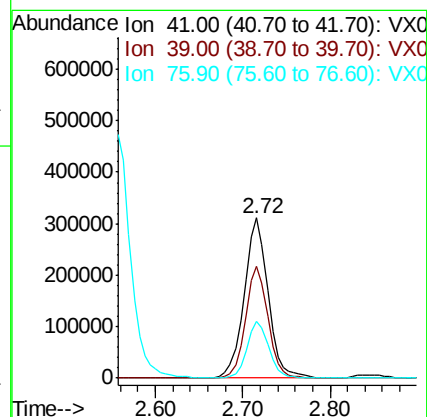
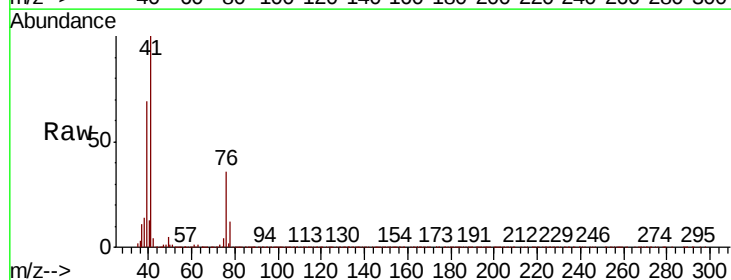
Tgt Ion: 41 Resp: 589882

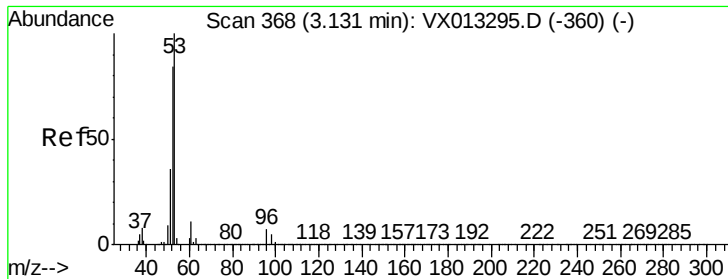
Ion Ratio Lower Upper

41 100

39 64.8 55.8 83.8

76 32.5 26.4 39.6





#15

Acrylonitrile

Concen: 249.663 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Instrument :

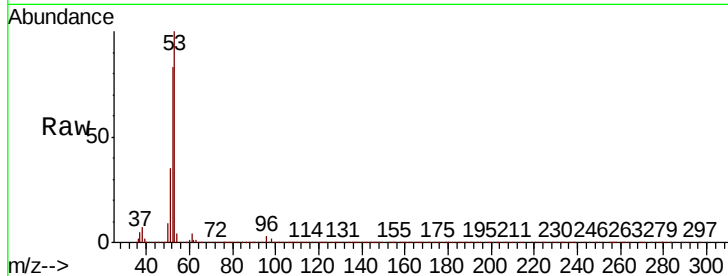
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 1015798

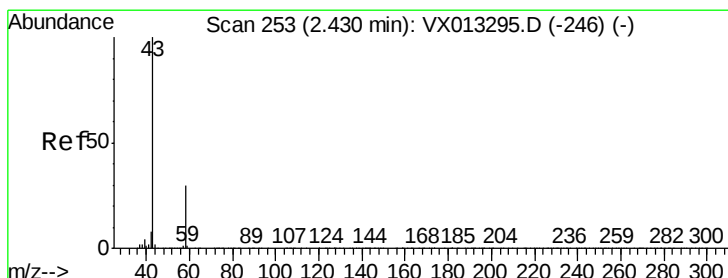
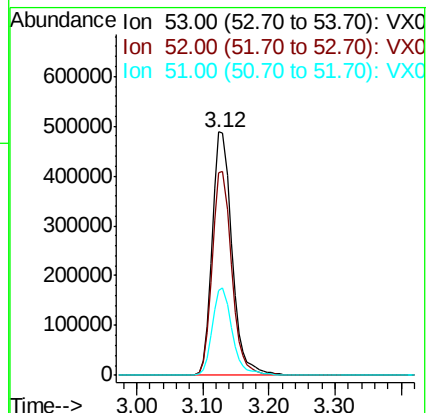
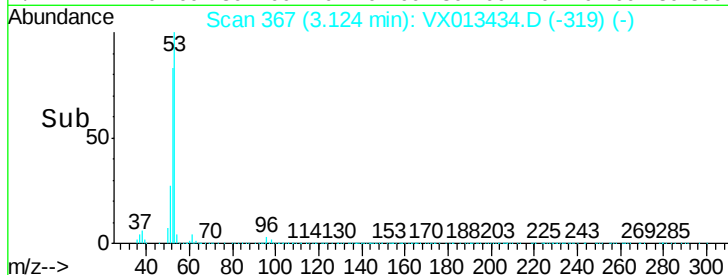
Ion	Ratio	Lower	Upper
53	100		
52	82.7	67.4	101.0
51	35.9	29.4	44.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 238.094 ug/l

RT: 2.43 min Scan# 253

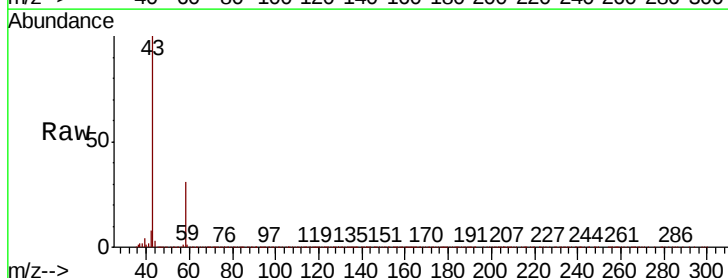
Delta R.T. -0.00 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

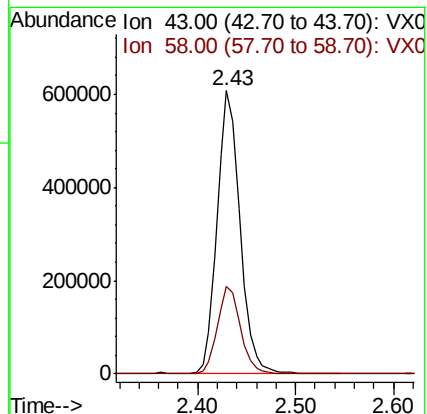
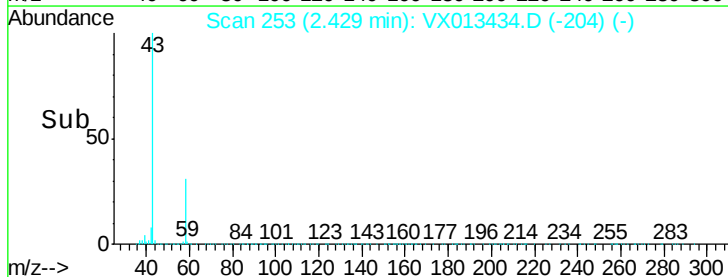
Tgt Ion: 43 Resp: 981418

Ion	Ratio	Lower	Upper
43	100		
58	30.9	24.3	36.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 47.473 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

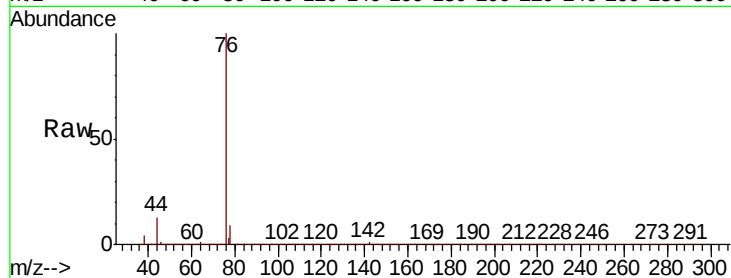
VSTDCCC050

Tot Ion: 76 Resp: 813037

Ion Ratio Lower Upper

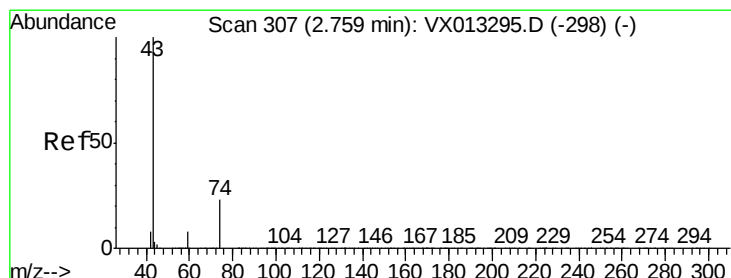
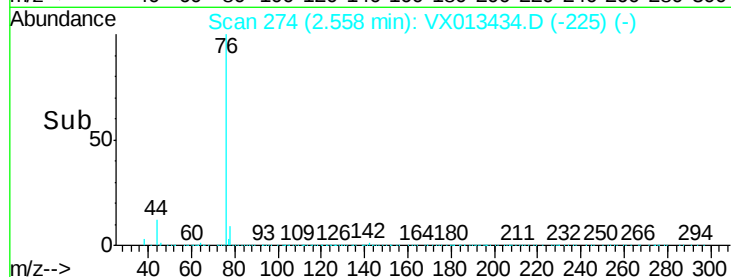
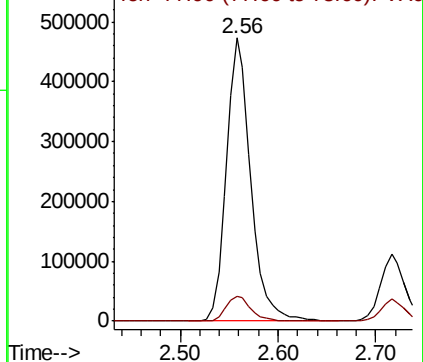
76 100

78 8.7 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 50.855 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX013434.D

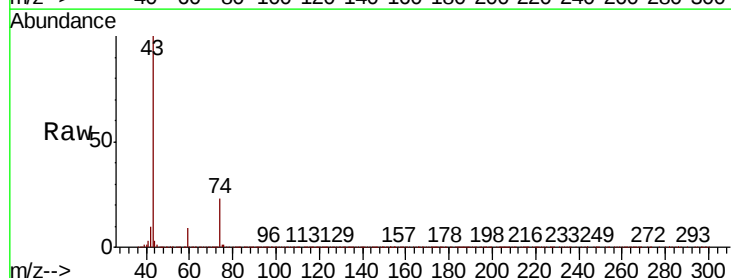
Acq: 15 Nov 2019 10:07

Tgt Ion: 43 Resp: 578718

Ion Ratio Lower Upper

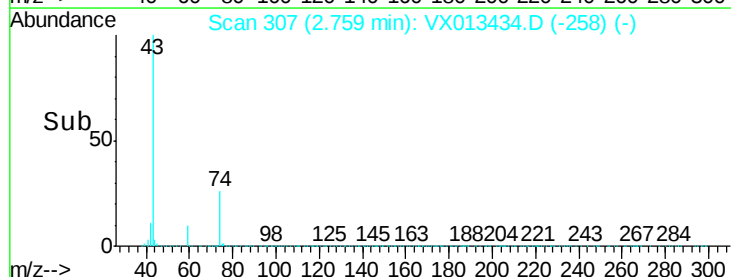
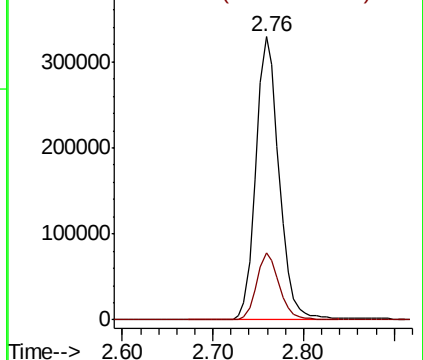
43 100

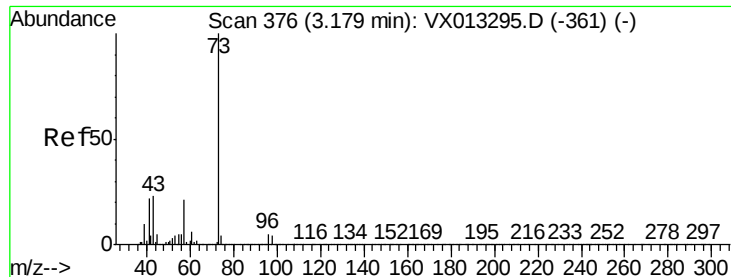
74 23.1 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

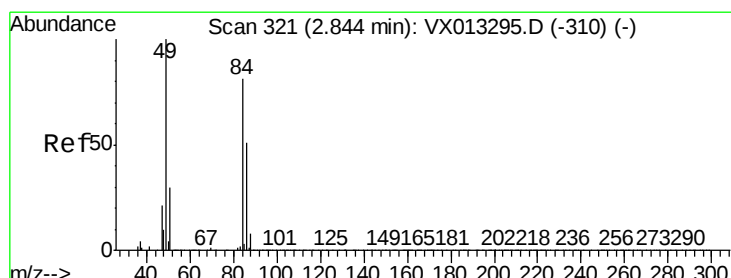
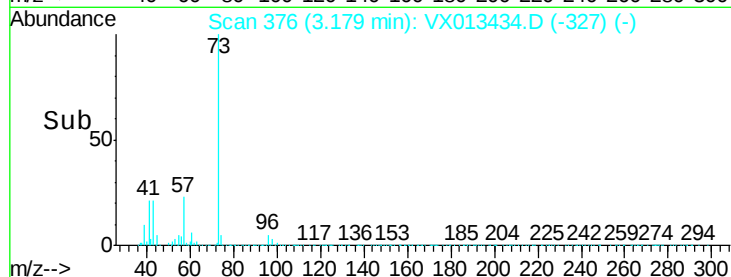
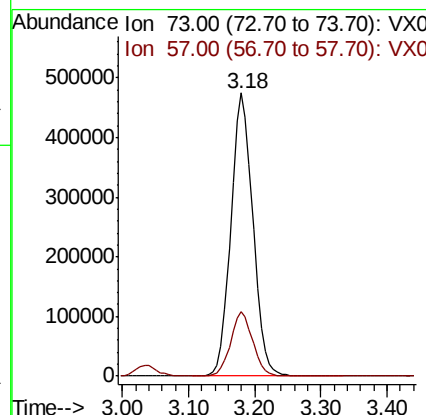
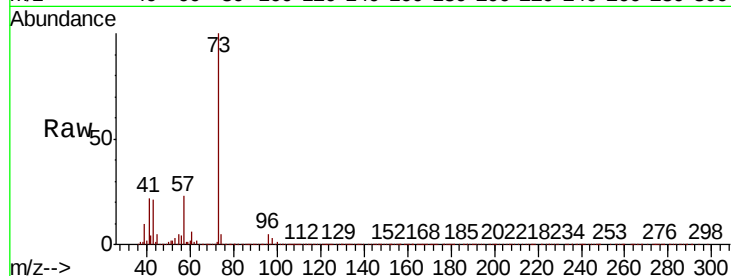




#19
Methyl tert-butyl Ether
Concen: 51.196 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX013434.D
Acq: 15 Nov 2019 10:07

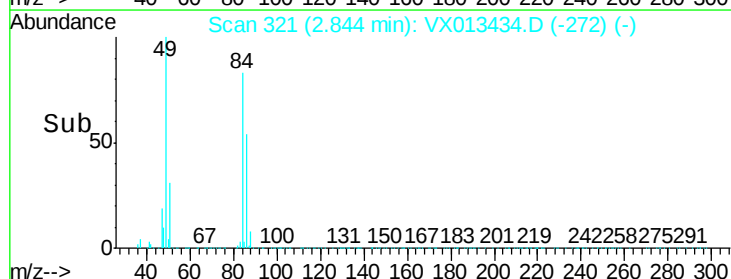
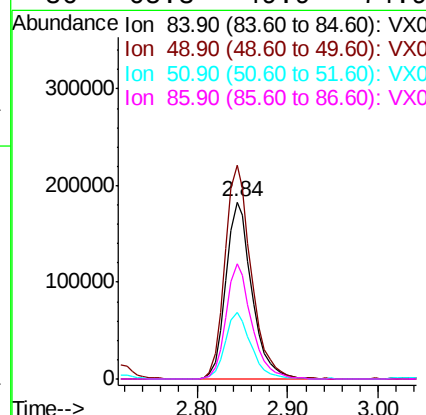
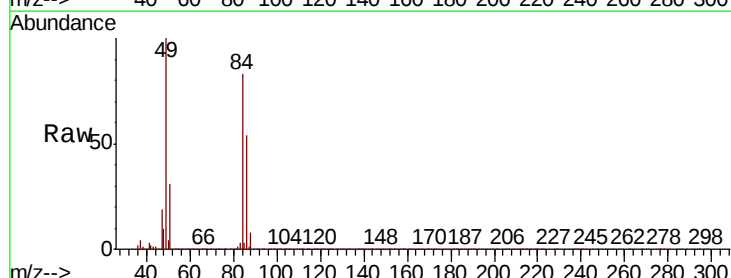
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

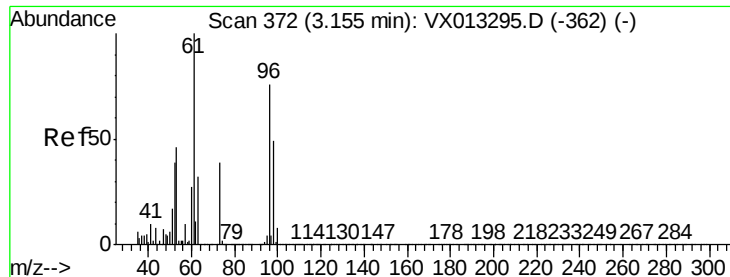
Tot Ion: 73 Resp: 1092587
Ion Ratio Lower Upper
73 100
57 22.6 17.1 25.7



#20
Methylene Chloride
Concen: 47.901 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013434.D
Acq: 15 Nov 2019 10:07

Tgt Ion: 84 Resp: 364808
Ion Ratio Lower Upper
84 100
49 120.6 98.2 147.4
51 37.2 29.9 44.9
86 65.3 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 49.345 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

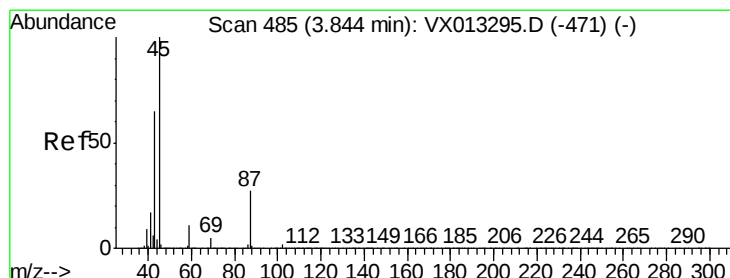
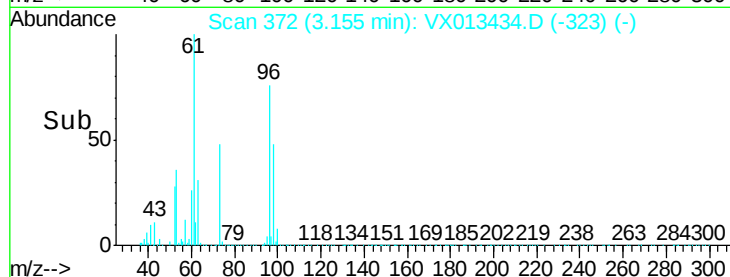
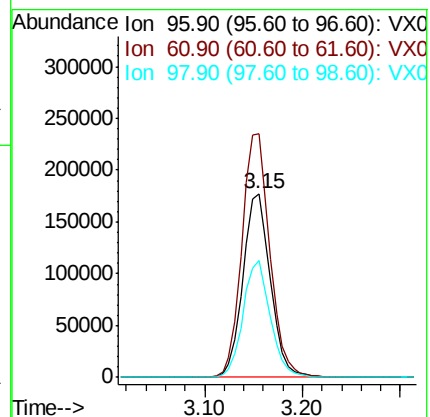
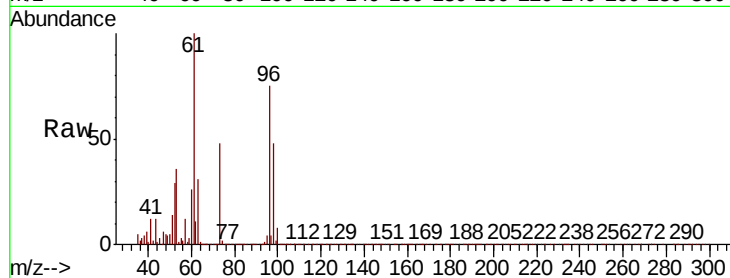
Tot Ion: 96 Resp: 343781

Ion Ratio Lower Upper

96 100

61 132.3 105.8 158.6

98 63.3 51.8 77.6



#22

Diisopropyl ether

Concen: 52.488 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Tgt Ion: 45 Resp: 1178100

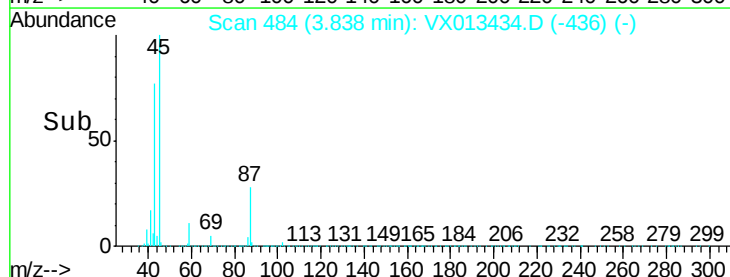
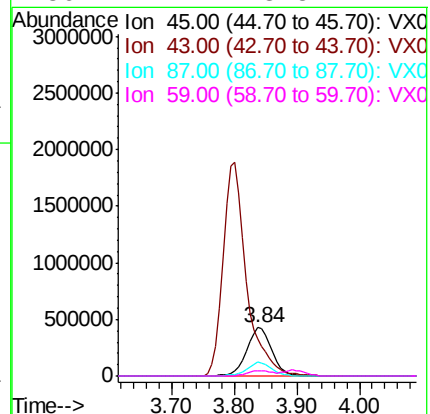
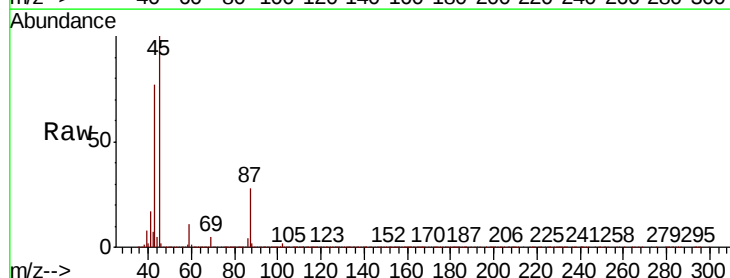
Ion Ratio Lower Upper

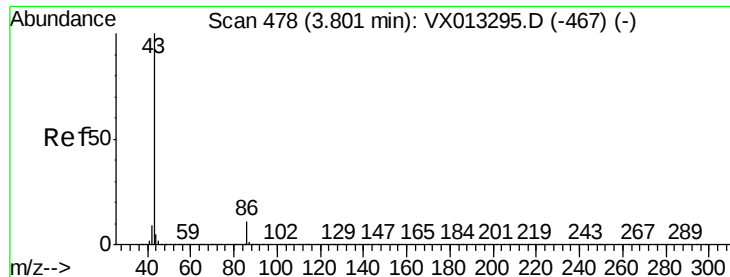
45 100

43 76.6 54.2 81.2

87 28.0 21.8 32.8

59 11.1 8.5 12.7





#23

Vinyl Acetate

Concen: 254.097 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

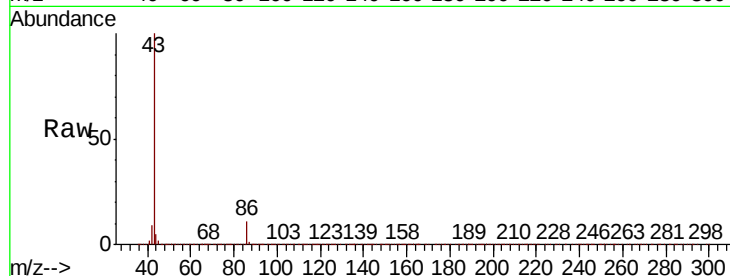
VSTDCCC050

Tot Ion: 43 Resp: 4880269

Ion Ratio Lower Upper

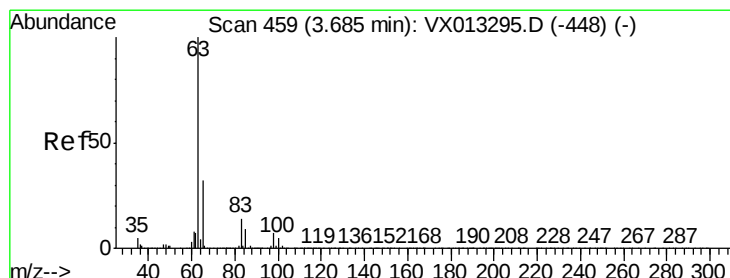
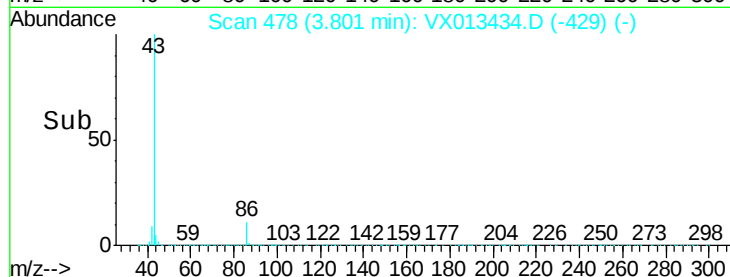
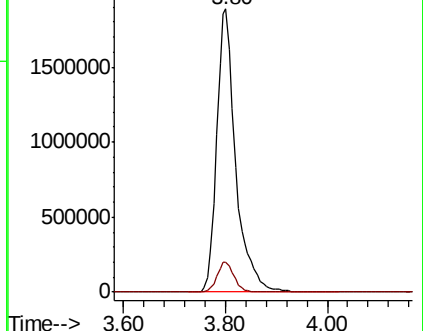
43 100

86 10.8 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.238 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

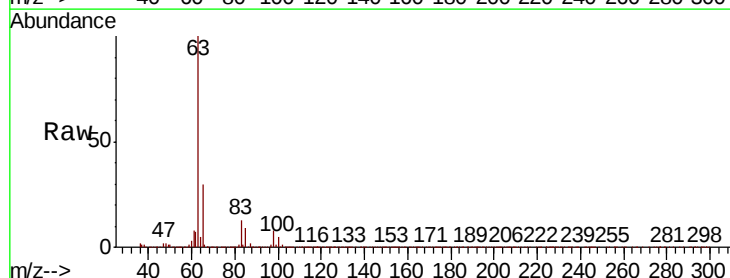
Tgt Ion: 63 Resp: 630793

Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.4

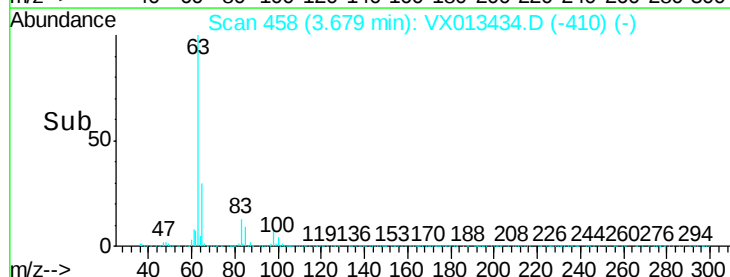
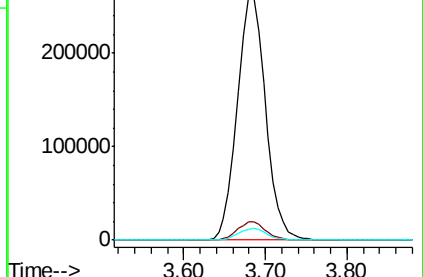
100 4.5 2.4 7.2

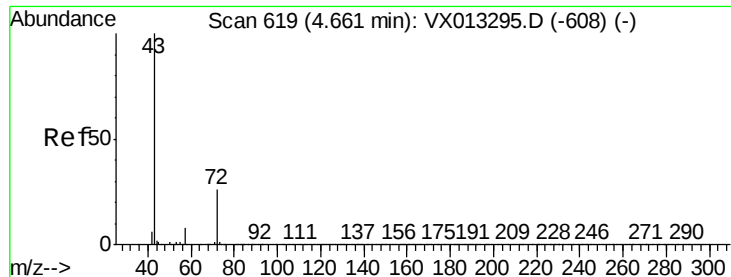


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 243.577 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

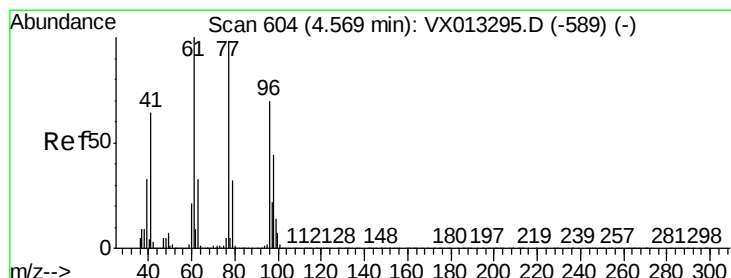
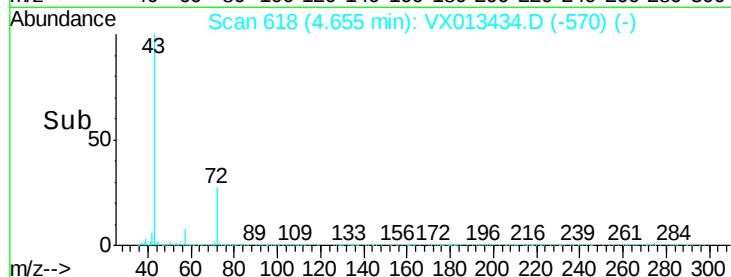
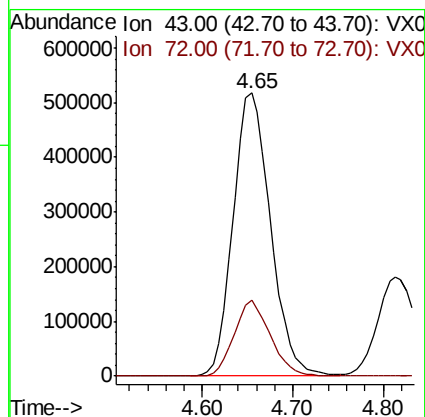
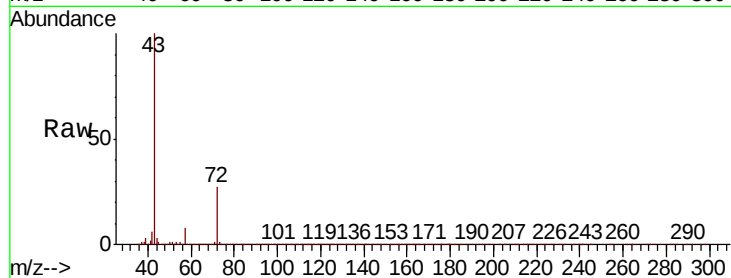
VSTDCCC050

Tot Ion: 43 Resp: 1472909

Ion Ratio Lower Upper

43 100

72 27.0 21.0 31.6



#26

2,2-Dichloropropane

Concen: 52.517 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013434.D

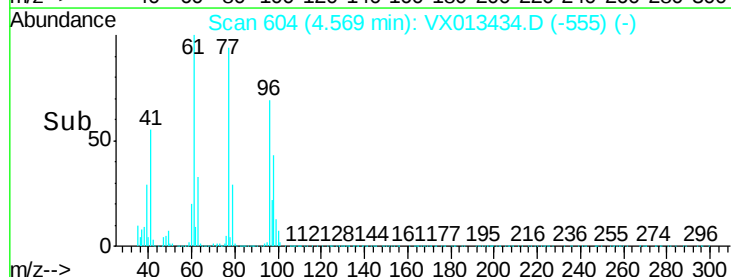
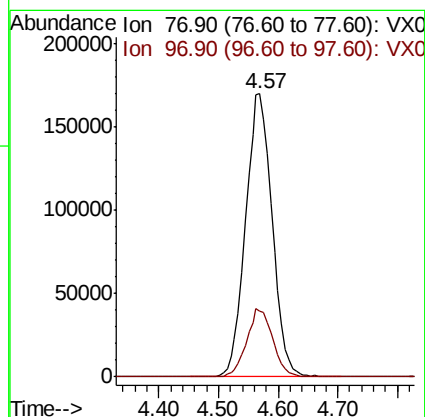
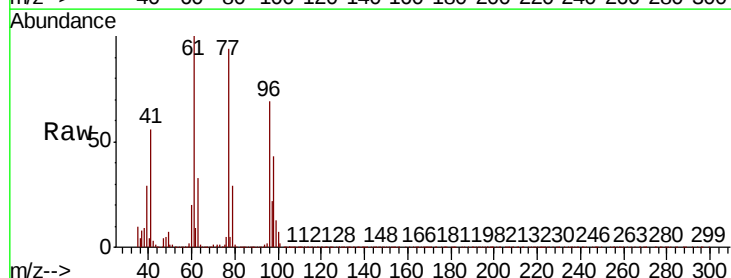
Acq: 15 Nov 2019 10:07

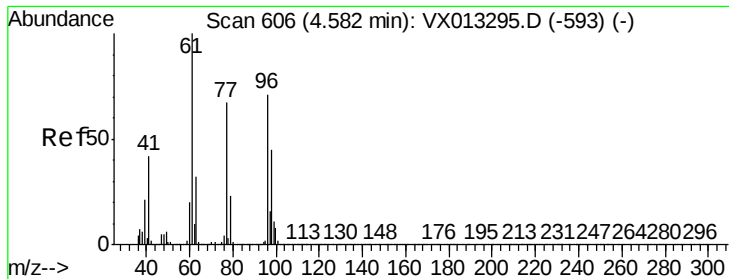
Tgt Ion: 77 Resp: 524578

Ion Ratio Lower Upper

77 100

97 23.2 11.3 33.8



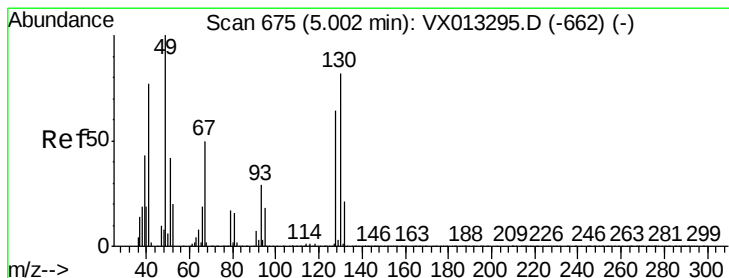
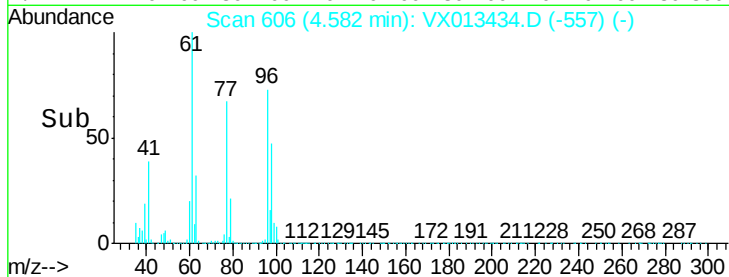
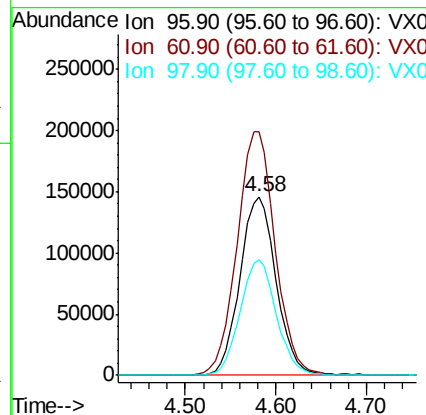
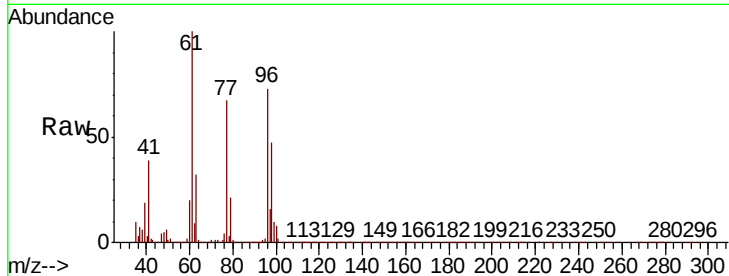


#27

cis-1,2-Dichloroethene
Concen: 51.343 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX013434.D
Acq: 15 Nov 2019 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

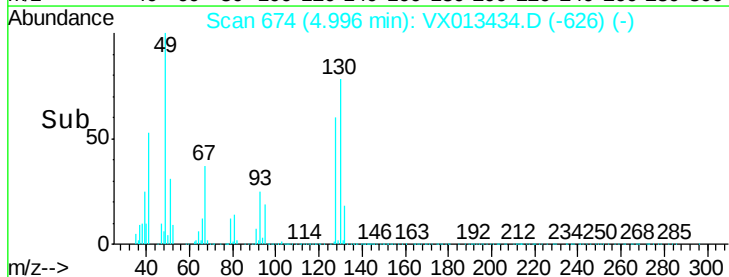
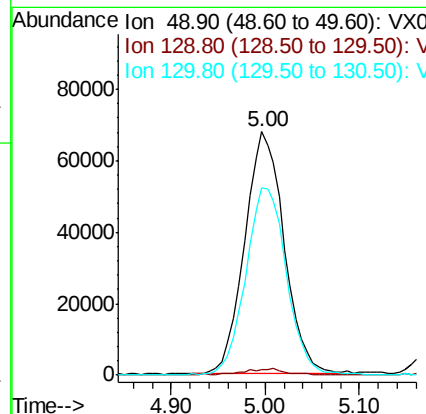
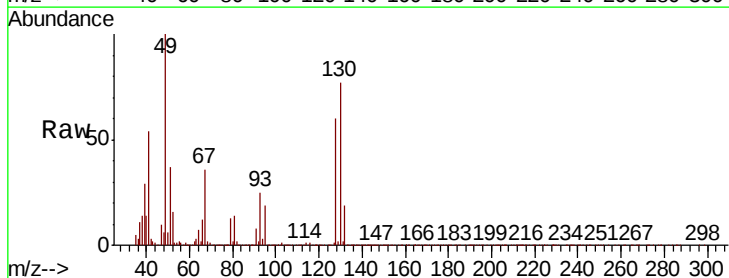
Tot Ion	Ratio	Lower	Upper
96	100		
61	143.9	0.0	288.0
98	65.2	0.0	129.6

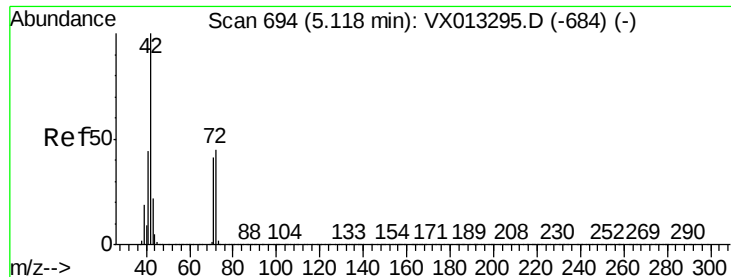


#28

Bromochloromethane
Concen: 55.620 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX013434.D
Acq: 15 Nov 2019 10:07

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.2
130	79.6	63.8	95.6





#29

Tetrahydrofuran

Concen: 243.175 ug/l

RT: 5.11 min Scan# 692

Delta R.T. -0.01 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

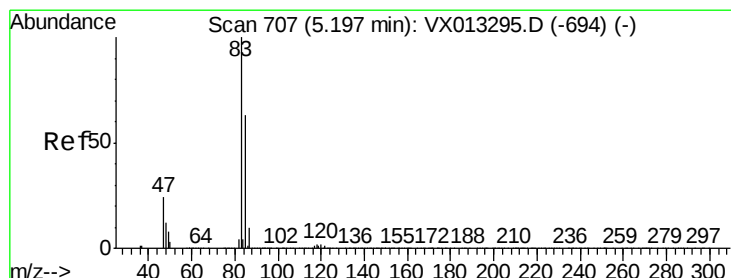
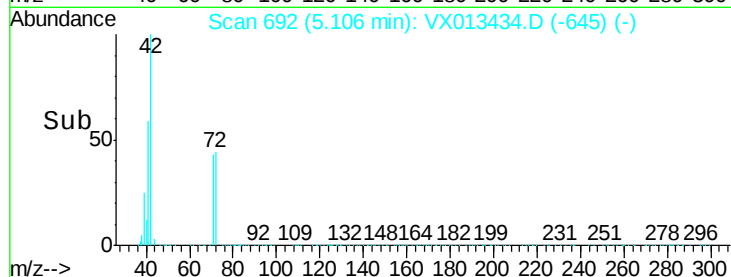
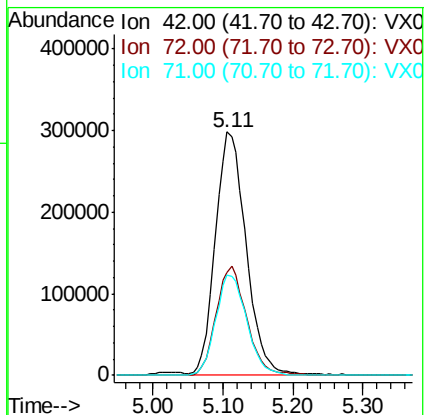
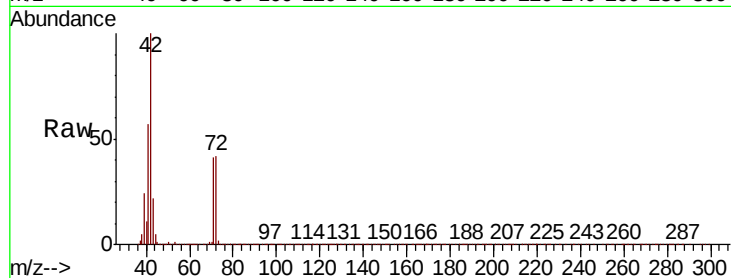
Tot Ion: 42 Resp: 906169

Ion Ratio Lower Upper

42 100

72 44.5 35.8 53.8

71 41.7 33.4 50.0



#30

Chloroform

Concen: 50.301 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.00 min

Lab File: VX013434.D

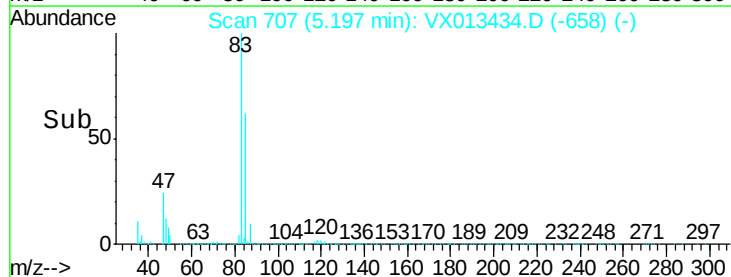
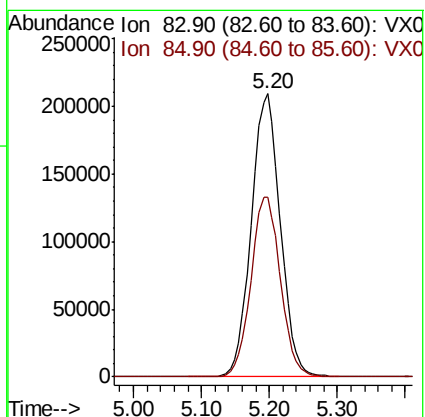
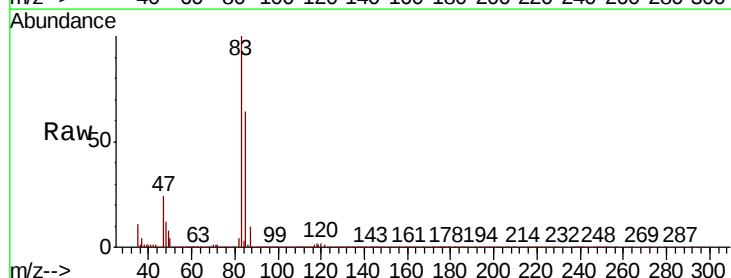
Acq: 15 Nov 2019 10:07

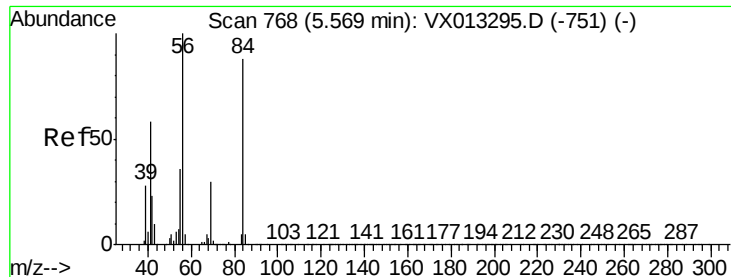
Tgt Ion: 83 Resp: 623646

Ion Ratio Lower Upper

83 100

85 63.4 50.2 75.4

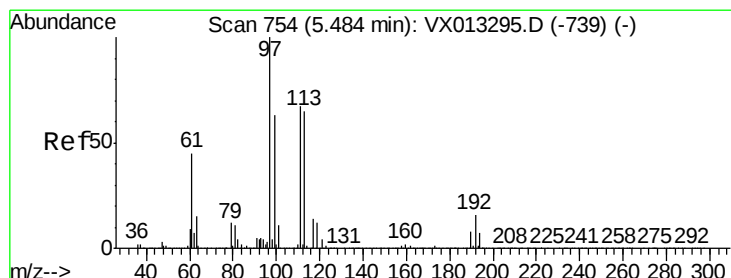
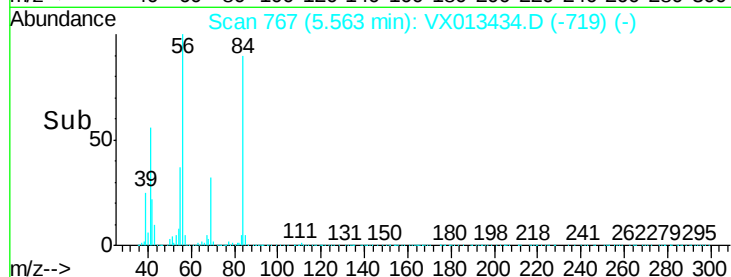
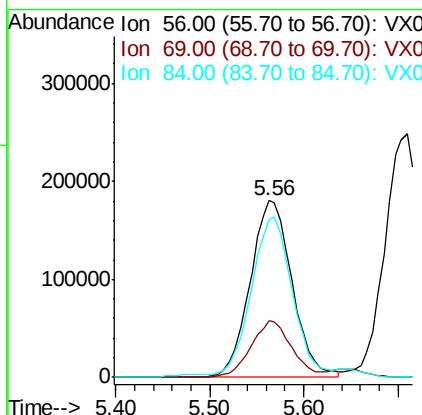
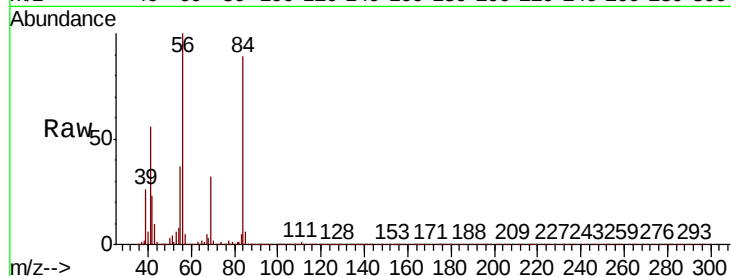




#31
Cyclohexane
Concen: 49.353 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX013434.D
Acq: 15 Nov 2019 10:07

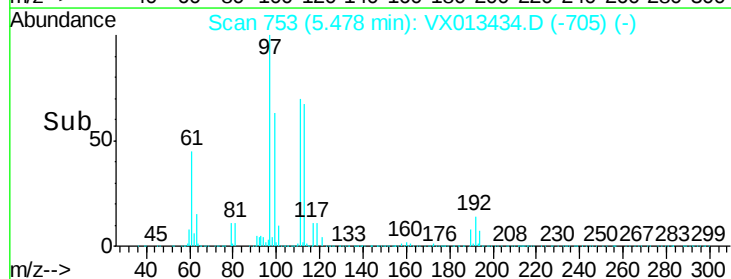
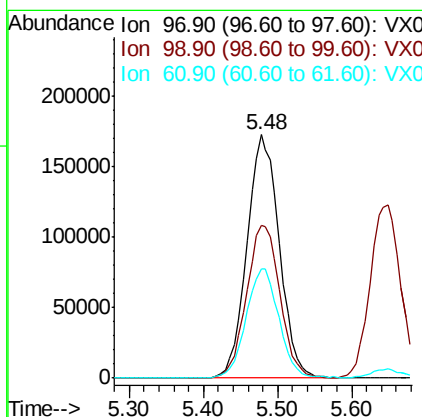
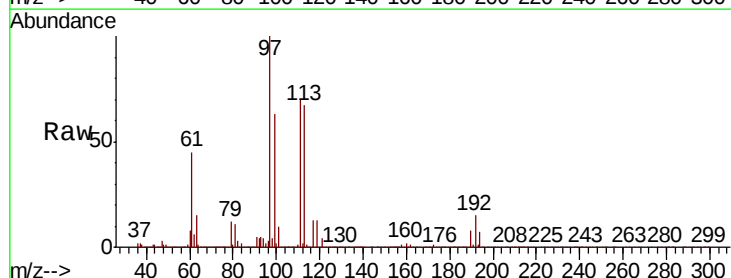
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

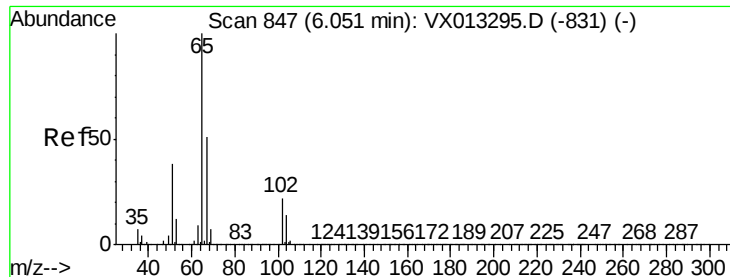
Tot Ion: 56 Resp: 557600
Ion Ratio Lower Upper
56 100
69 32.1 23.7 35.5
84 88.1 70.6 105.8



#32
1,1,1-Trichloroethane
Concen: 49.187 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX013434.D
Acq: 15 Nov 2019 10:07

Tgt Ion: 97 Resp: 524822
Ion Ratio Lower Upper
97 100
99 64.9 51.1 76.7
61 45.6 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 48.218 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

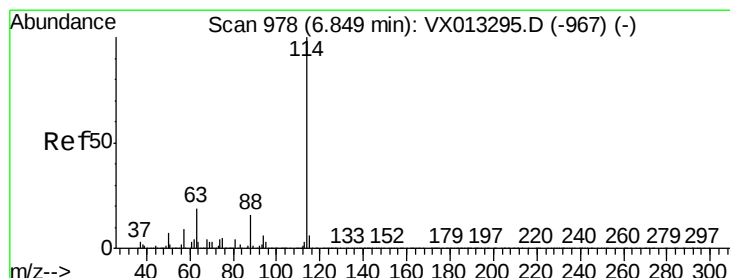
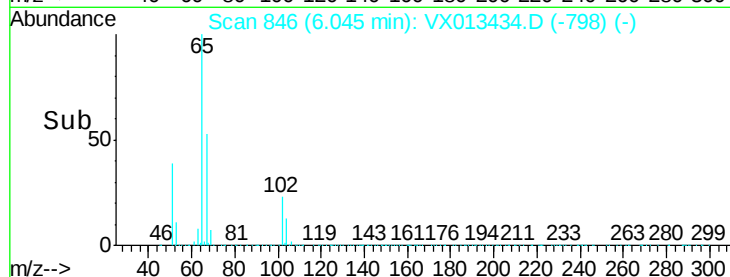
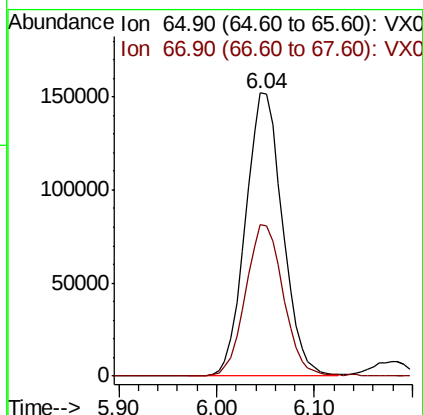
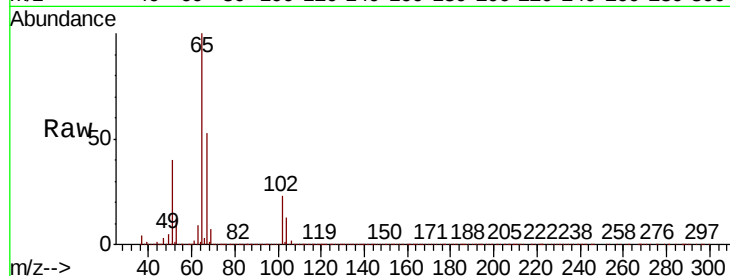
VSTDCCC050

Tot Ion: 65 Resp: 398476

Ion Ratio Lower Upper

65 100

67 53.9 0.0 104.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

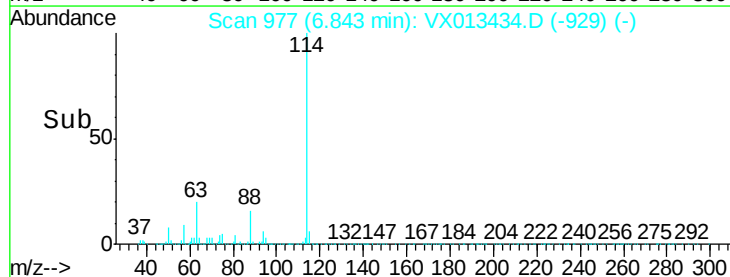
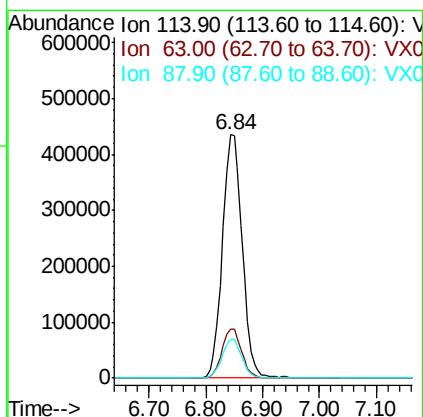
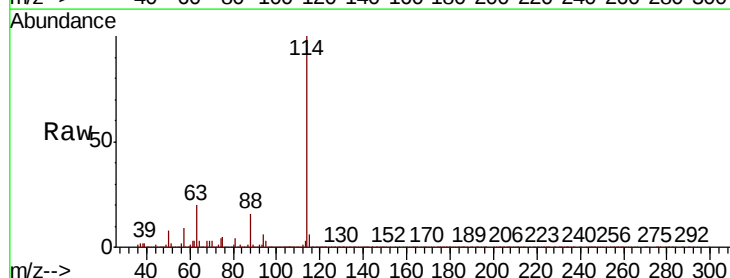
Tgt Ion: 114 Resp: 1051938

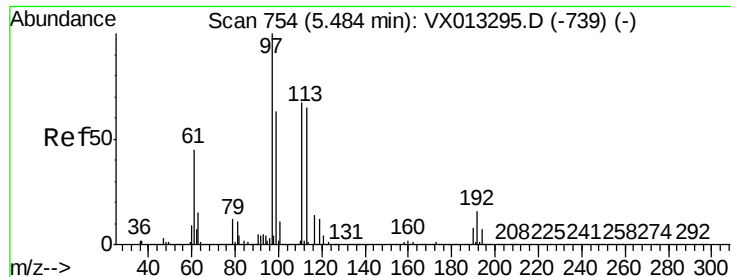
Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.4

88 15.8 0.0 32.2

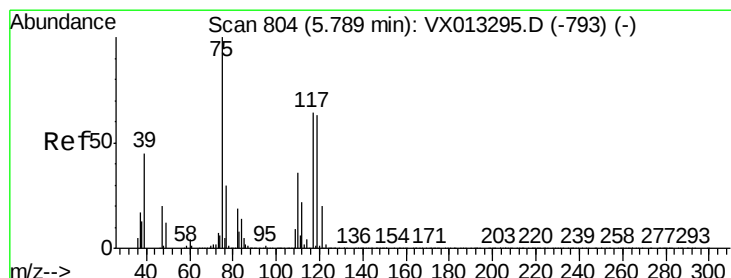
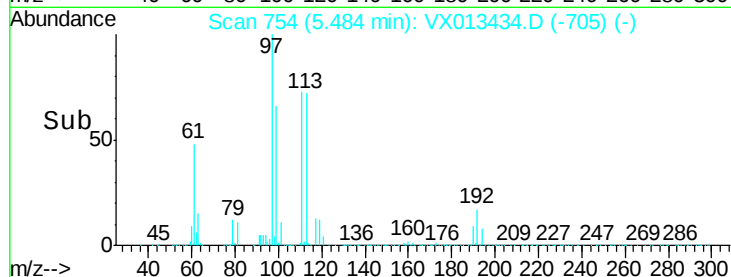
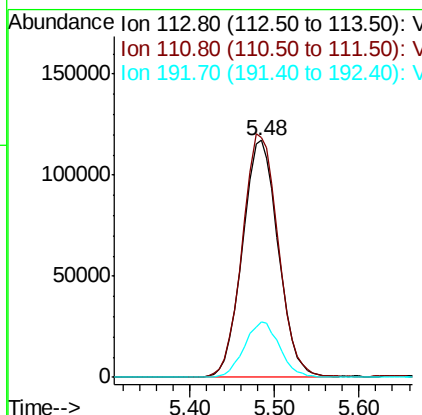
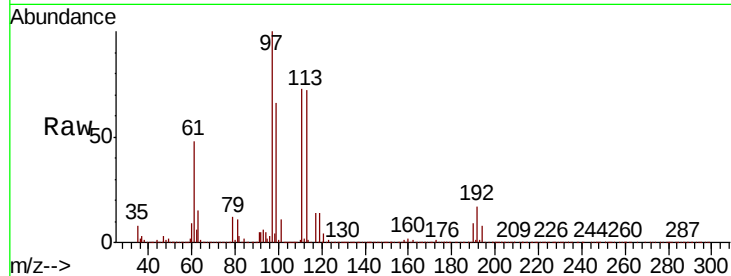




#35
 Dibromofluoromethane
 Concen: 51.007 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX013434.D
 Acq: 15 Nov 2019 10:07

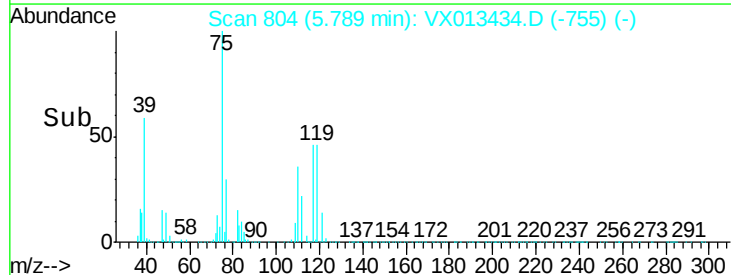
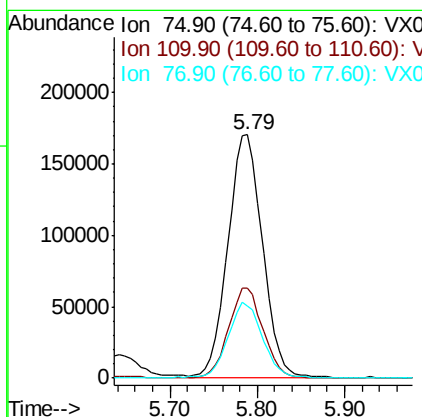
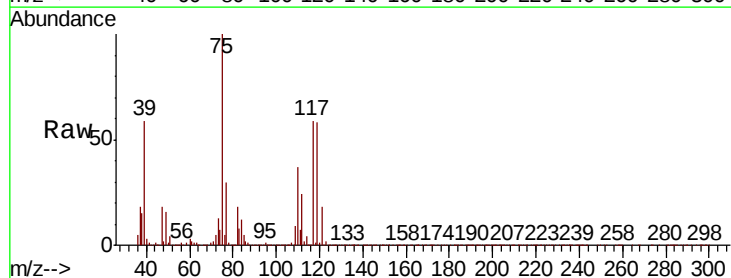
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

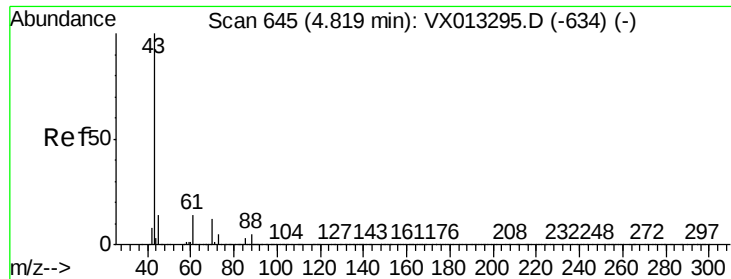
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.9	122.9
192	23.1	19.1	28.7



#36
 1,1-Dichloropropene
 Concen: 51.760 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX013434.D
 Acq: 15 Nov 2019 10:07

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.7	18.1	54.1
77	30.6	25.0	37.4

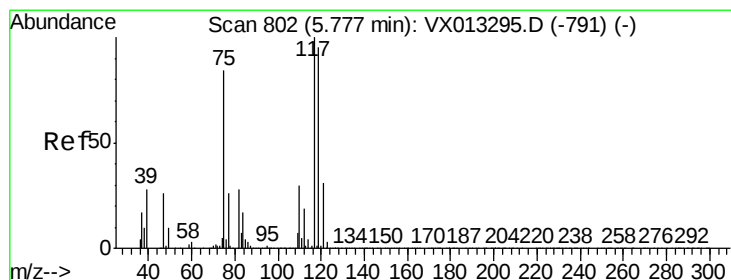
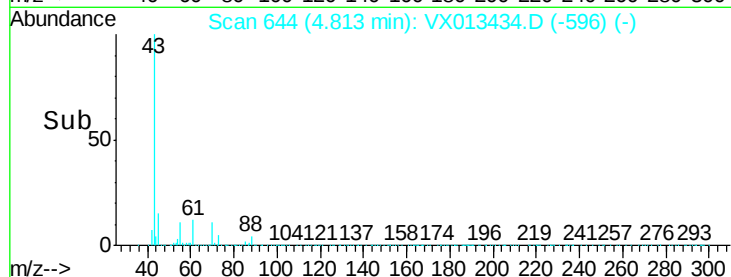
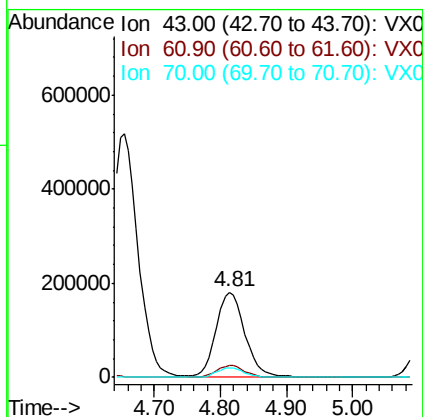
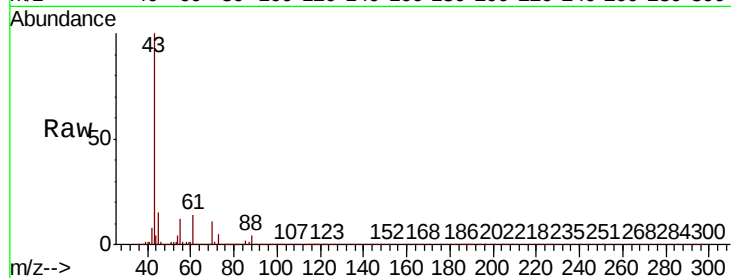




#37
Ethyl Acetate
Concen: 48.956 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013434.D
Acq: 15 Nov 2019 10:07

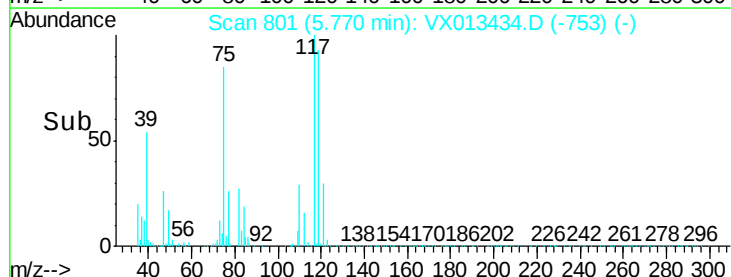
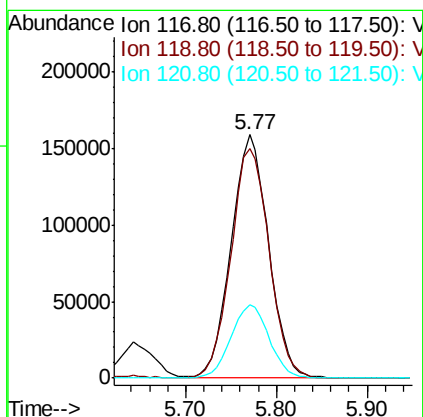
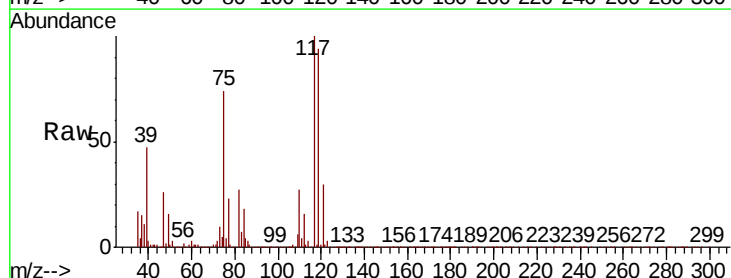
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

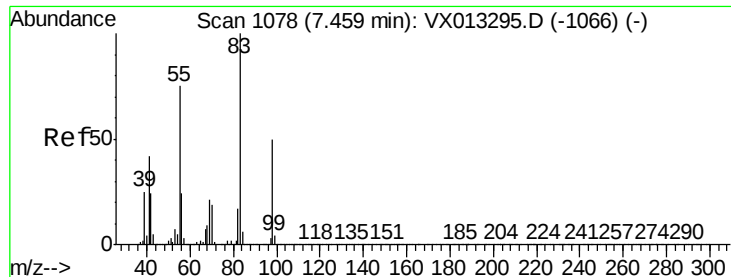
Tot Ion: 43 Resp: 545912
Ion Ratio Lower Upper
43 100
61 13.4 10.7 16.1
70 10.4 8.7 13.1



#38
Carbon Tetrachloride
Concen: 51.323 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013434.D
Acq: 15 Nov 2019 10:07

Tgt Ion: 117 Resp: 452907
Ion Ratio Lower Upper
117 100
119 94.0 76.1 114.1
121 30.3 24.6 37.0

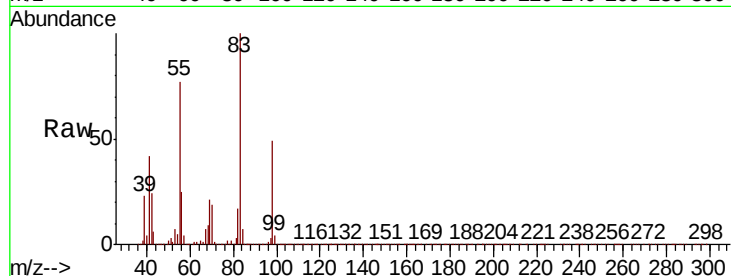




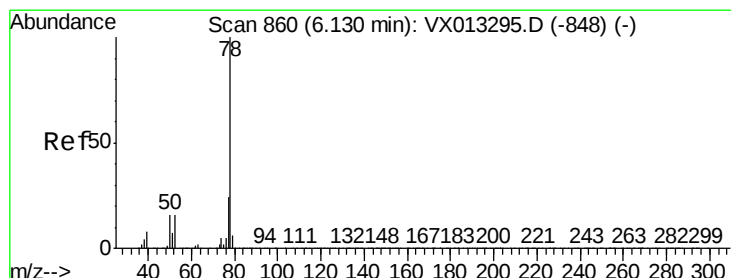
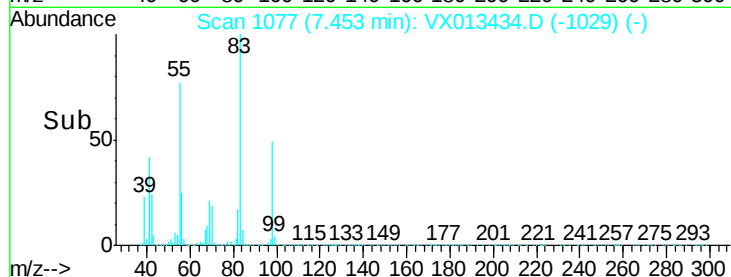
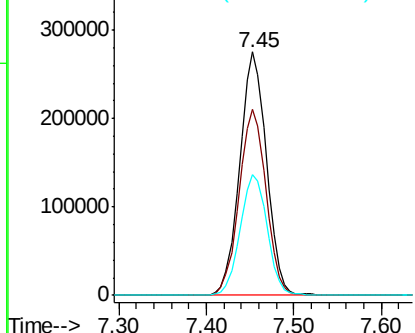
#39
Methvlcvclohexane
Concen: 52.028 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013434.D
Acq: 15 Nov 2019 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.5	60.3	90.5
98	49.4	40.3	60.5

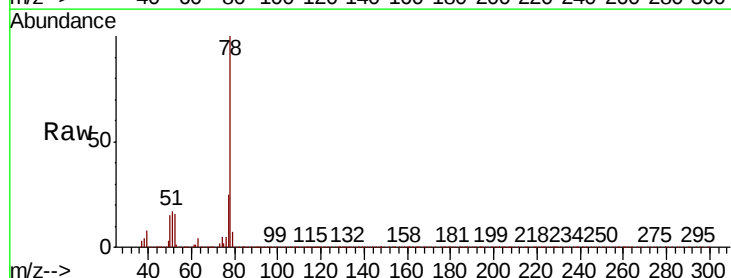


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

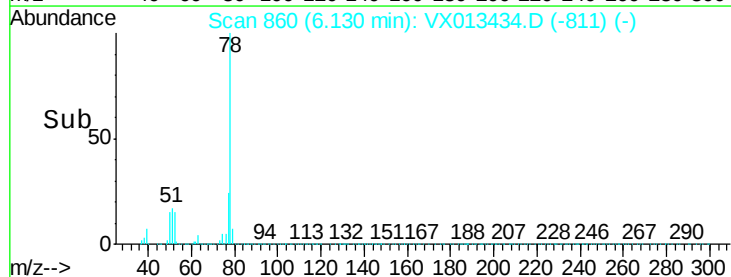
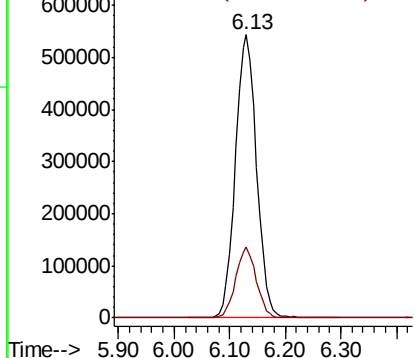


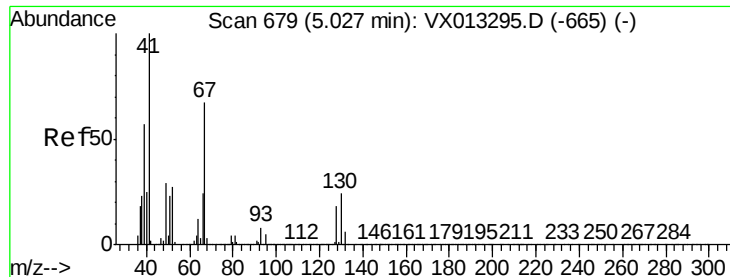
#40
Benzene
Concen: 50.747 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013434.D
Acq: 15 Nov 2019 10:07

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.5	29.3



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 48.655 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 304101

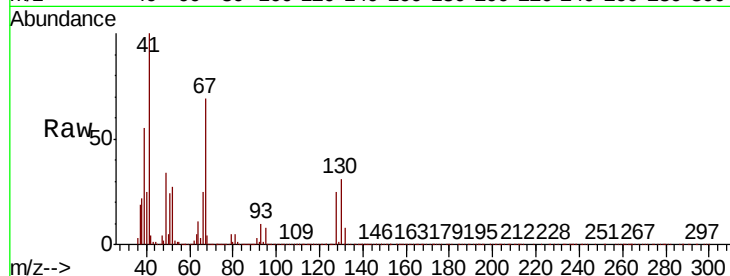
Ion Ratio Lower Upper

41 100

39 54.7 45.0 67.6

67 72.3 55.4 83.2

52 27.0 23.1 34.7

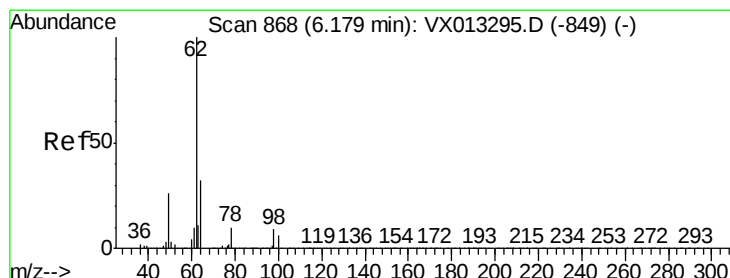
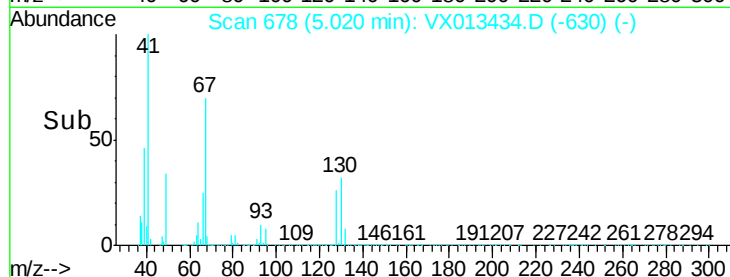
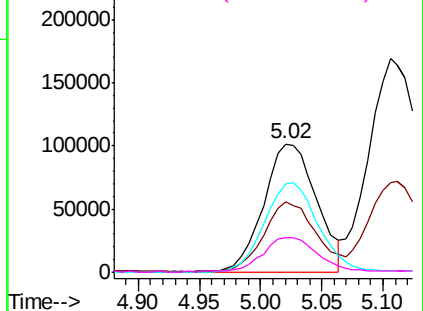


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 48.933 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX013434.D

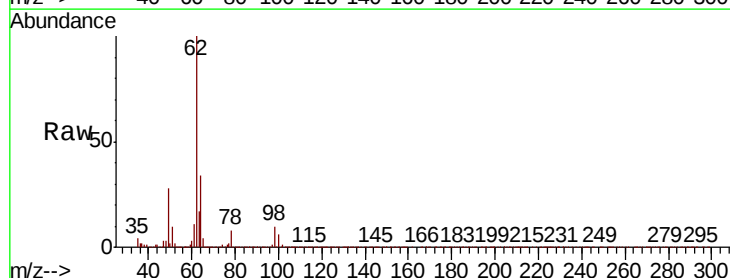
Acq: 15 Nov 2019 10:07

Tgt Ion: 62 Resp: 496163

Ion Ratio Lower Upper

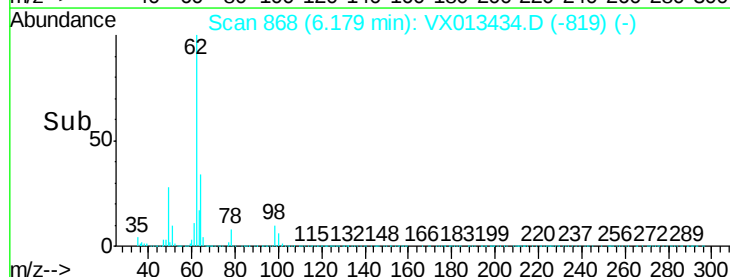
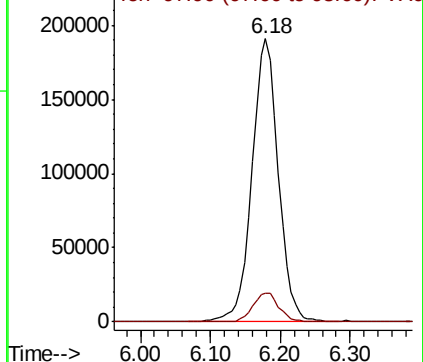
62 100

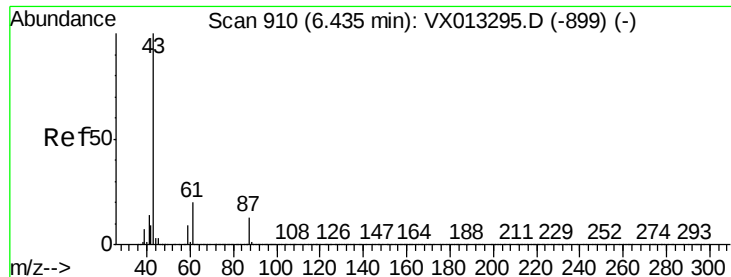
98 10.3 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



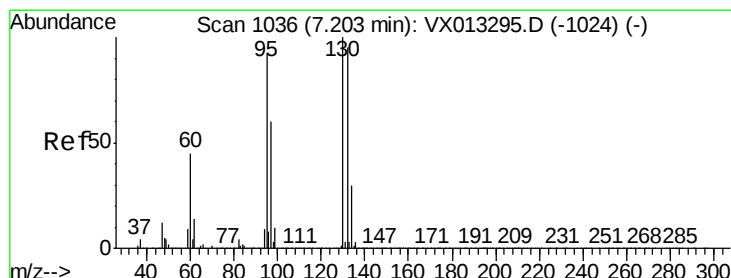
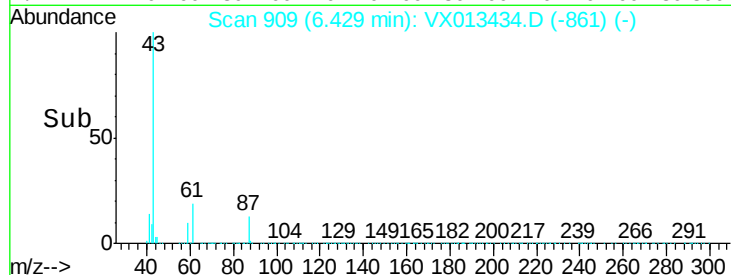
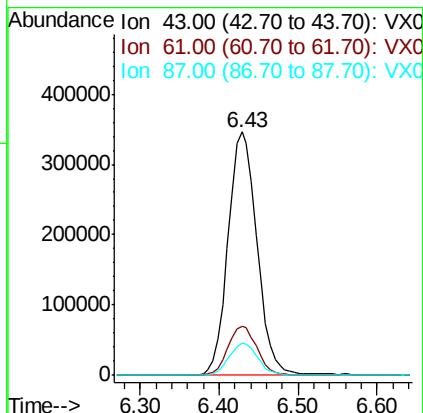
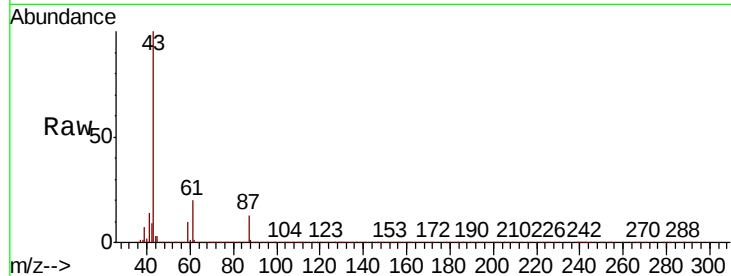


#43

Isopropyl Acetate
 Concen: 50.848 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX013434.D
 Acq: 15 Nov 2019 10:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

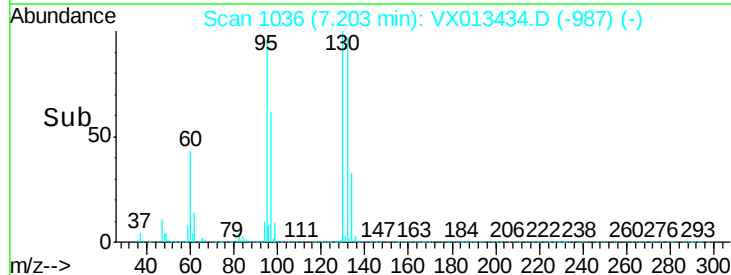
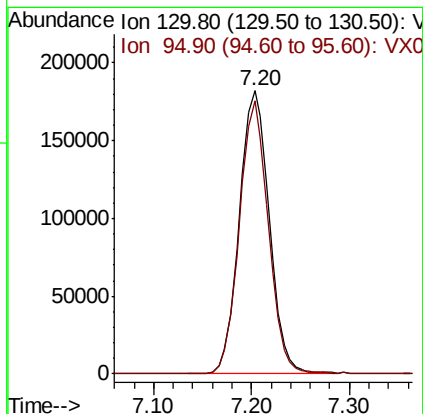
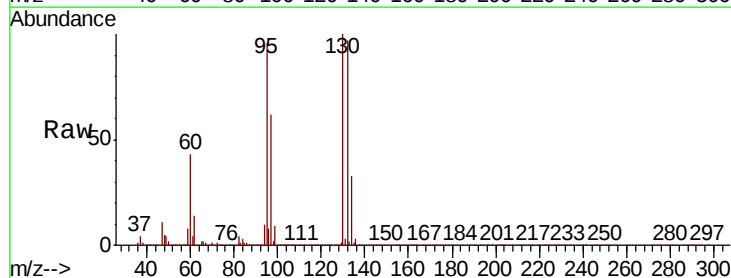
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.2	15.8	23.8
87	13.1	10.4	15.6

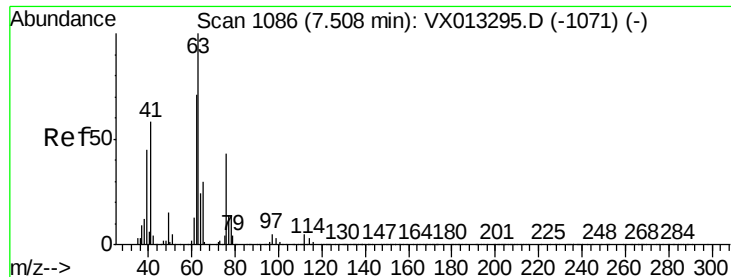


#44

Trichloroethene
 Concen: 50.176 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: VX013434.D
 Acq: 15 Nov 2019 10:07

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.3	0.0	184.8





#45

1,2-Dichloropropane

Concen: 52.241 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

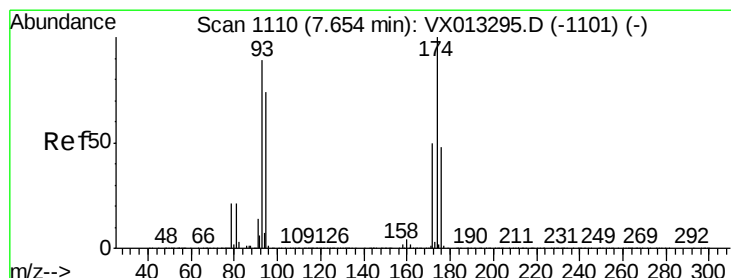
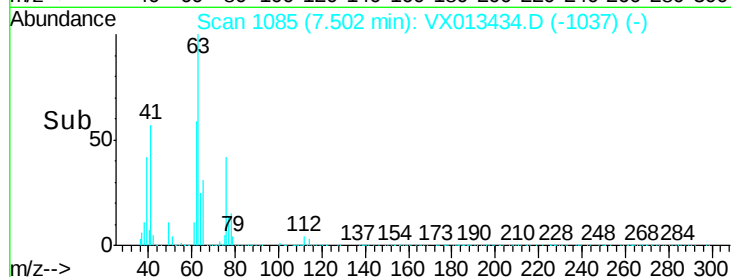
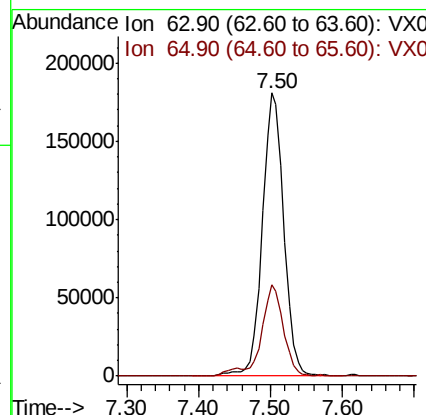
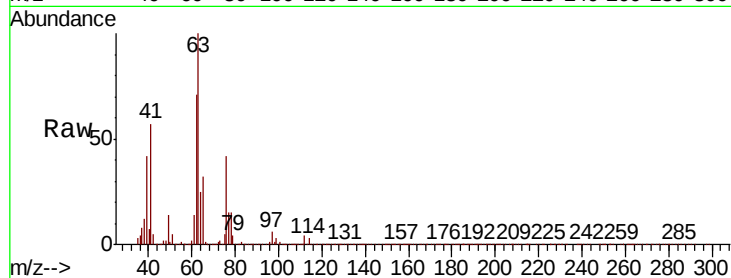
VSTDCCC050

Tot Ion: 63 Resp: 374172

Ion Ratio Lower Upper

63 100

65 32.1 24.3 36.5



#46

Dibromomethane

Concen: 49.485 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

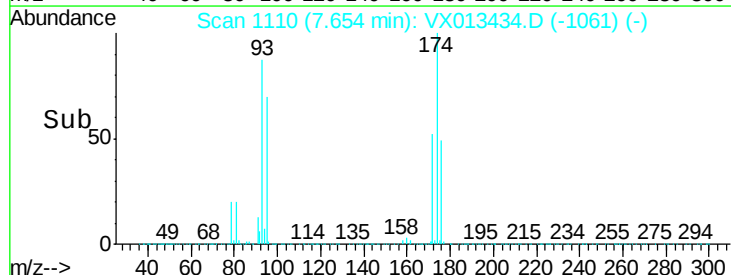
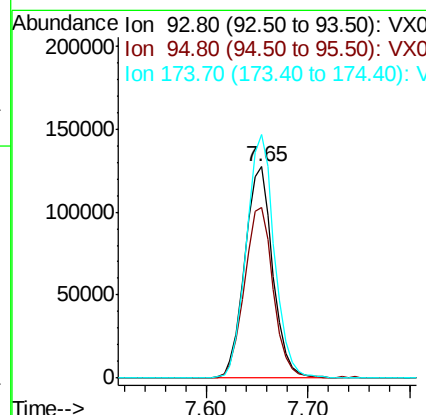
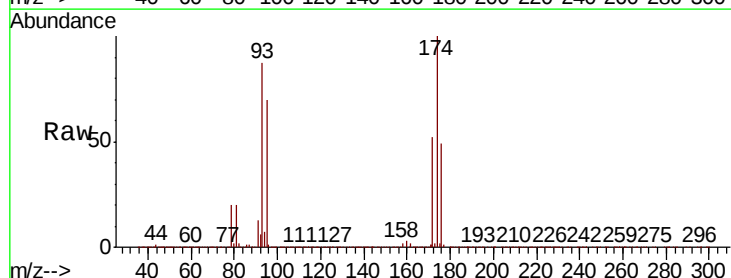
Tgt Ion: 93 Resp: 241996

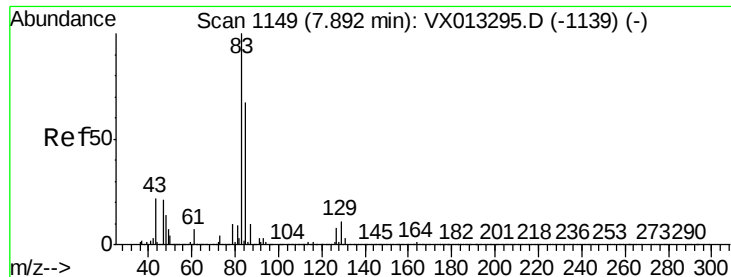
Ion Ratio Lower Upper

93 100

95 82.6 65.8 98.6

174 115.9 90.4 135.6





#47

Bromodichloromethane

Concen: 53.051 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

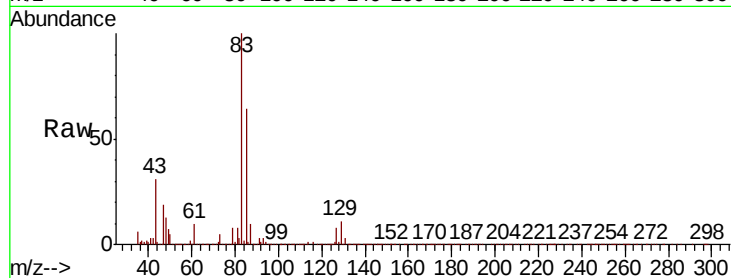
Tot Ion: 83 Resp: 489216

Ion Ratio Lower Upper

83 100

85 64.2 53.7 80.5

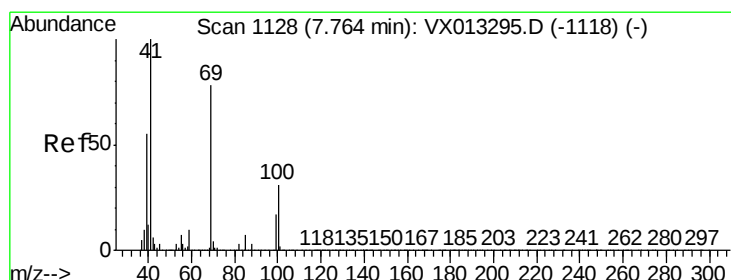
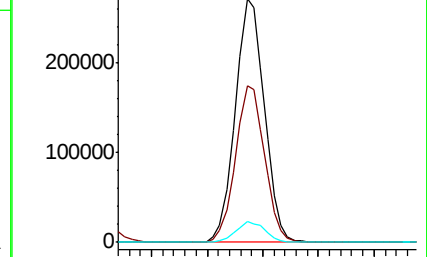
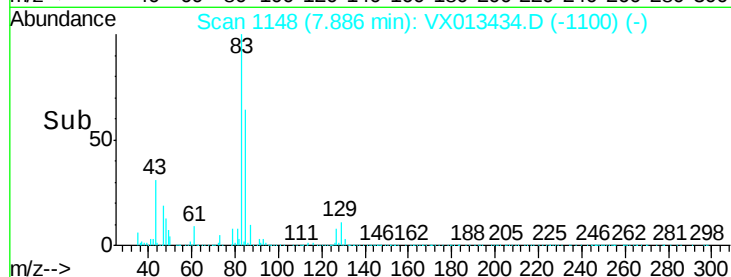
127 8.3 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 51.472 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

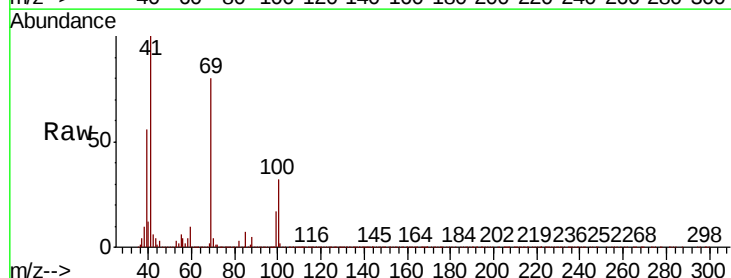
Tgt Ion: 41 Resp: 446145

Ion Ratio Lower Upper

41 100

69 81.7 63.0 94.6

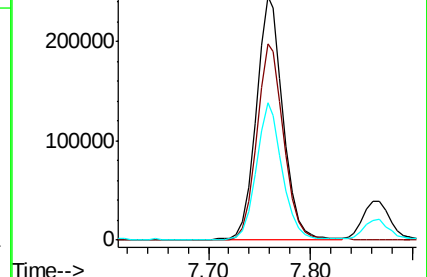
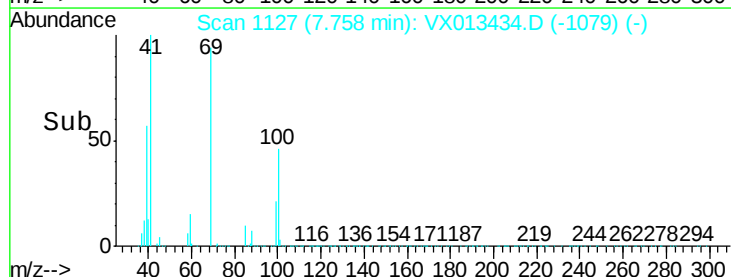
39 54.7 45.9 68.9

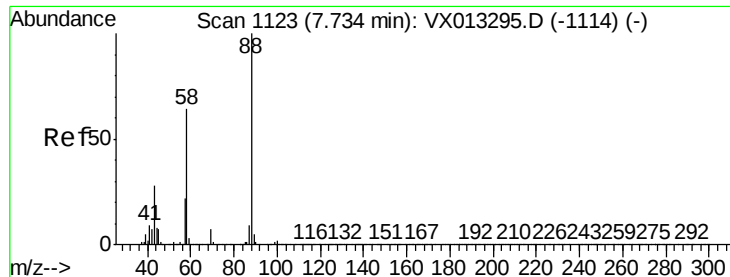


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 882.999 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Instrument :

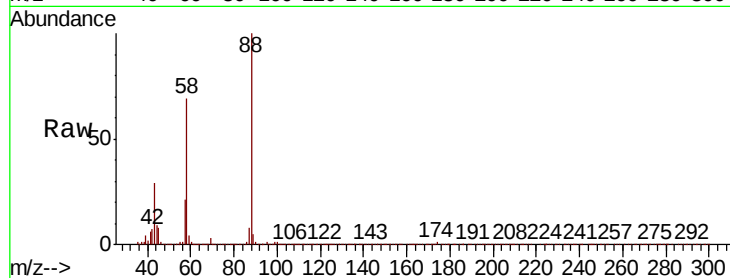
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 88 Resp: 175277

Ion	Ratio	Lower	Upper
88	100		
43	33.1	26.6	39.8
58	70.1	55.0	82.6

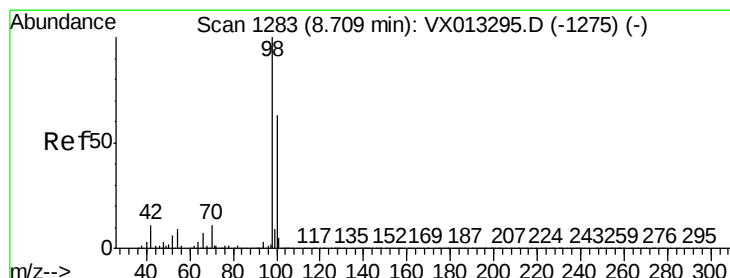
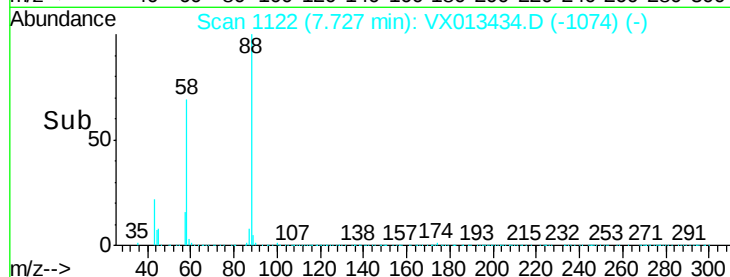
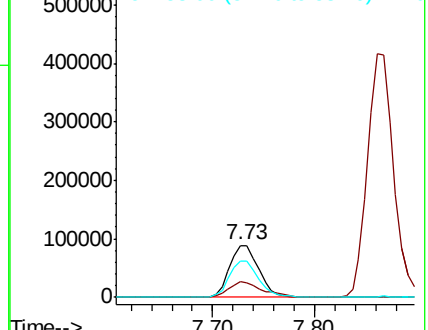


Abundance

Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 51.865 ug/l

RT: 8.71 min Scan# 1283

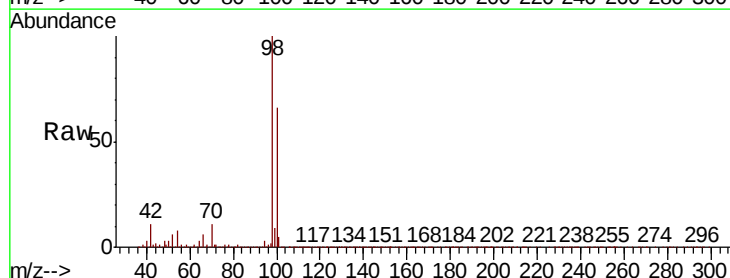
Delta R.T. -0.00 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Tgt Ion: 98 Resp: 1290047

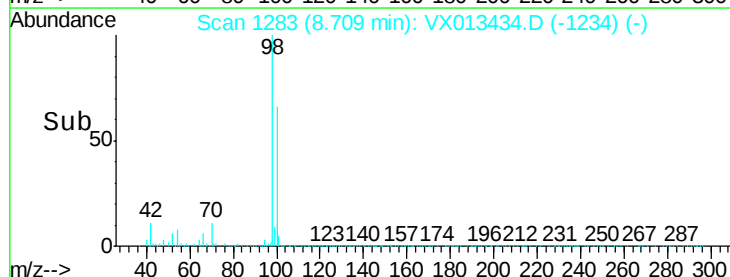
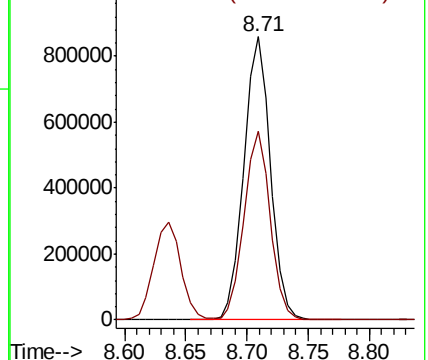
Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.2	78.2

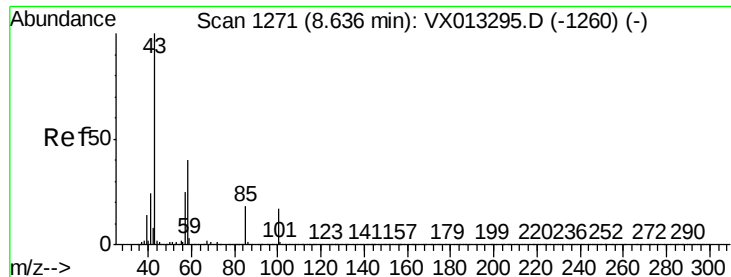


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 247.803 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

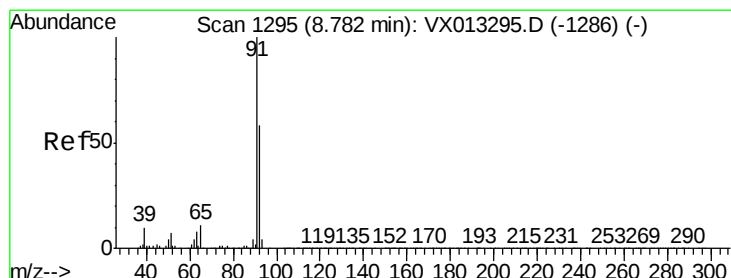
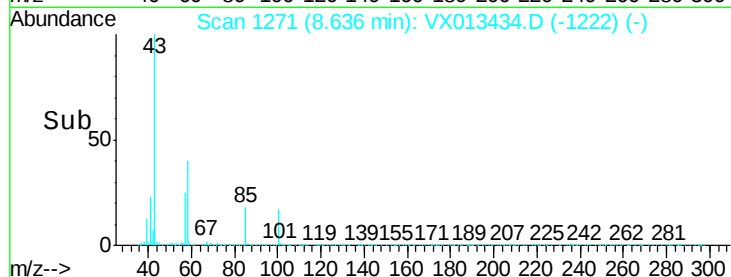
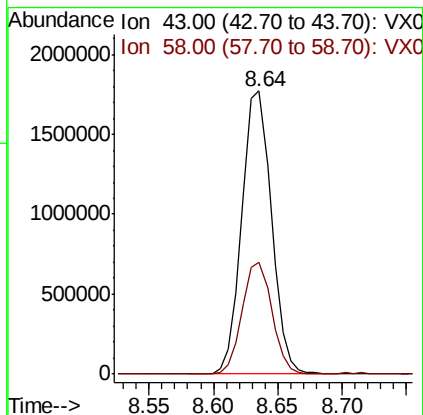
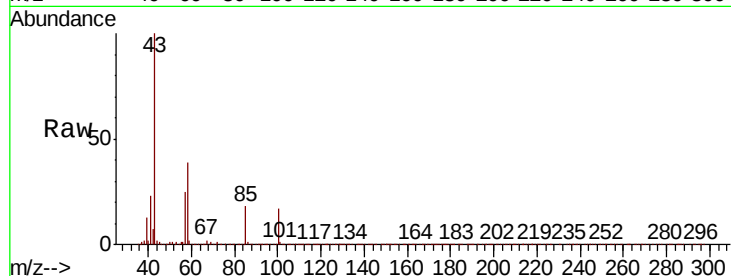
VSTDCCC050

Tot Ion: 43 Resp: 2823072

Ion Ratio Lower Upper

43 100

58 39.6 31.4 47.0



#52

Toluene

Concen: 51.667 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013434.D

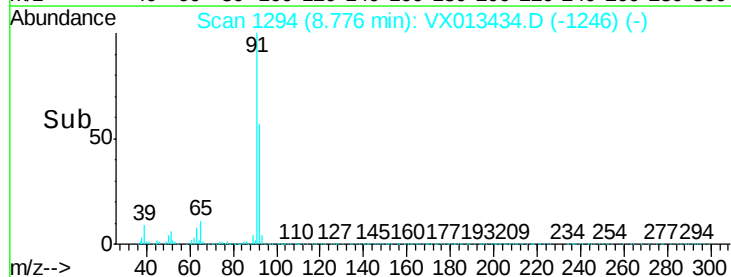
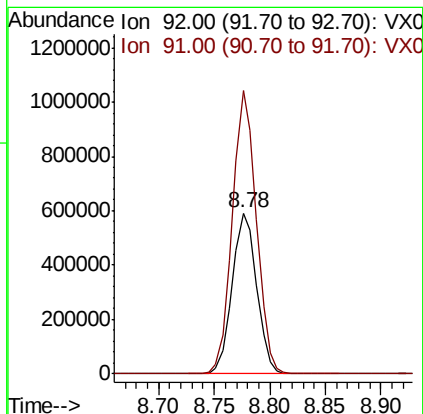
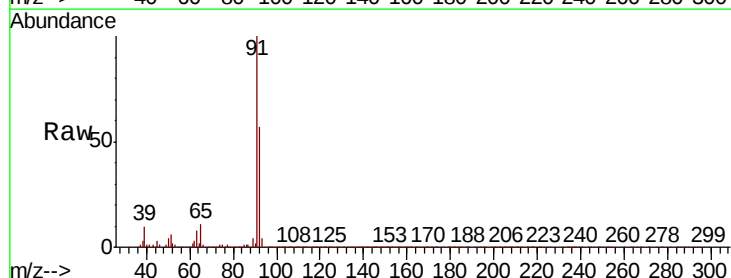
Acq: 15 Nov 2019 10:07

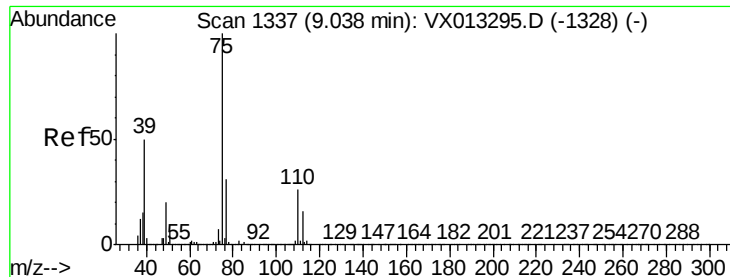
Tgt Ion: 92 Resp: 900173

Ion Ratio Lower Upper

92 100

91 173.0 138.0 207.0





#53

t-1,3-Dichloropropene

Concen: 54.617 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

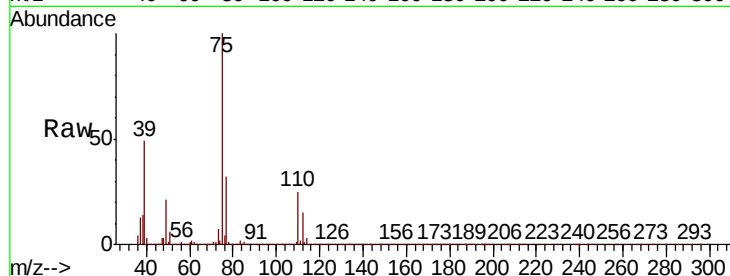
VSTDCCC050

Tot Ion: 75 Resp: 550751

Ion Ratio Lower Upper

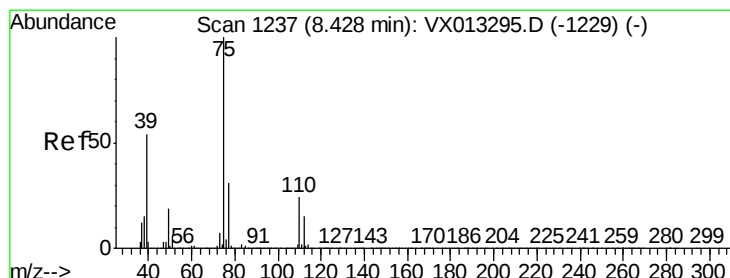
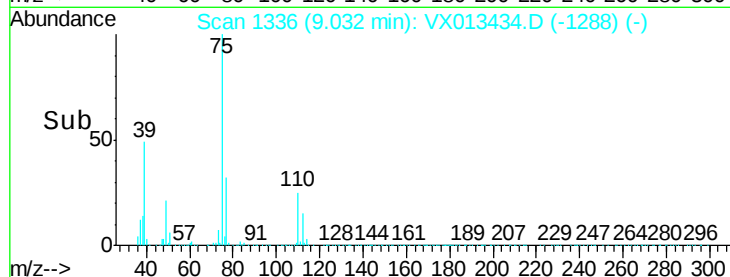
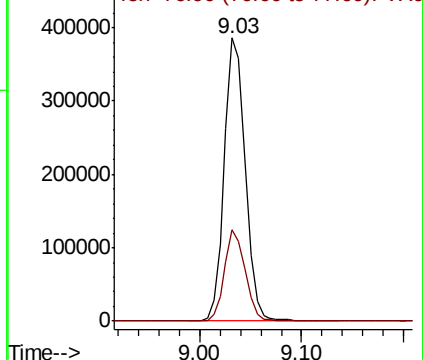
75 100

77 32.1 25.0 37.4



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: 53.884 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

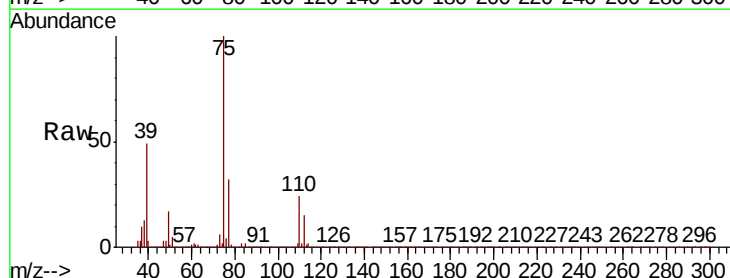
Tgt Ion: 75 Resp: 607804

Ion Ratio Lower Upper

75 100

77 31.8 24.7 37.1

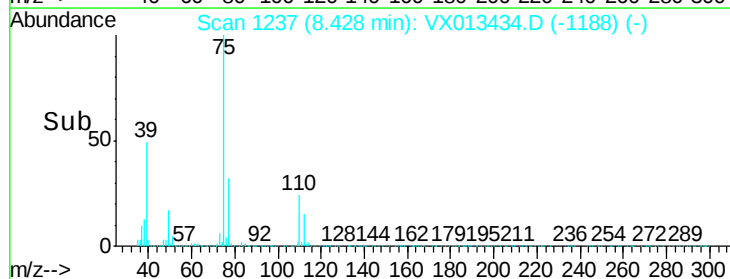
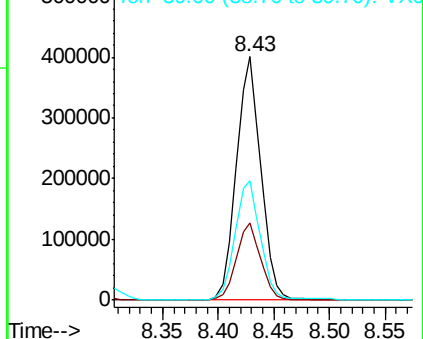
39 48.9 43.0 64.6

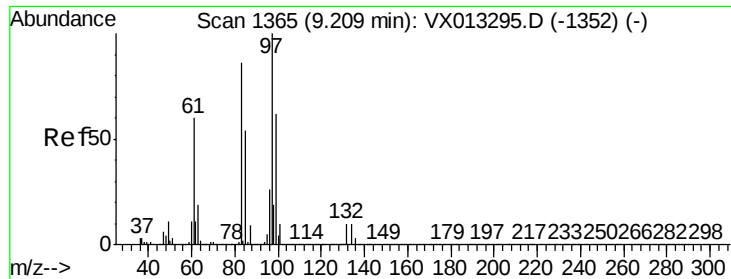


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

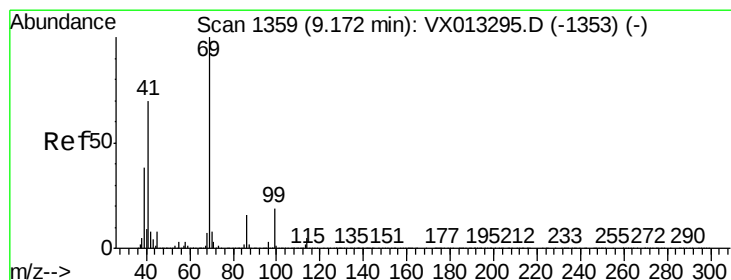
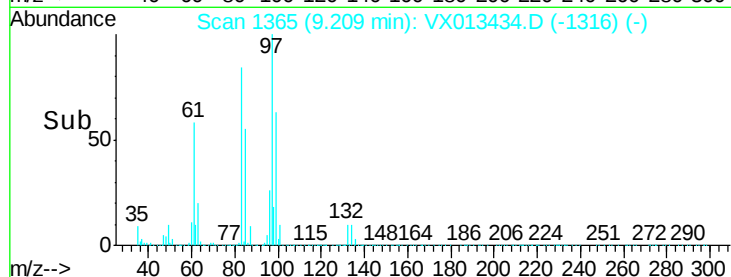
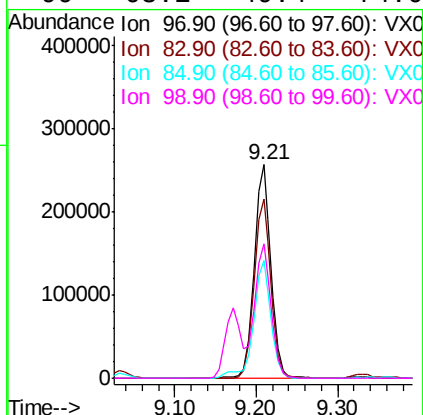
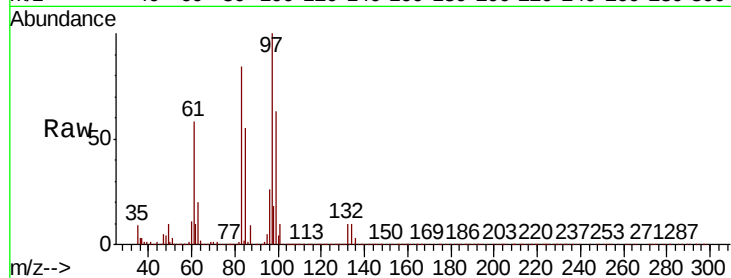




#55
 1,1,2-Trichloroethane
 Concen: 51.194 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013434.D
 Acq: 15 Nov 2019 10:07

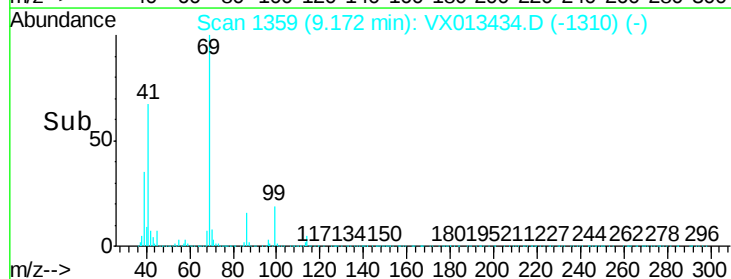
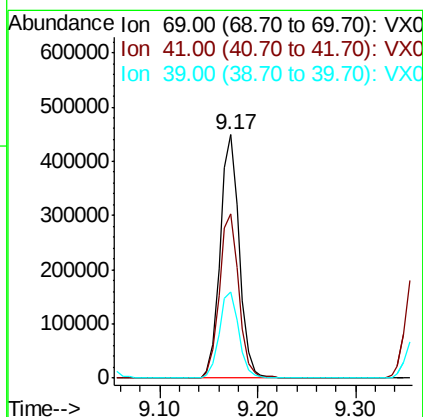
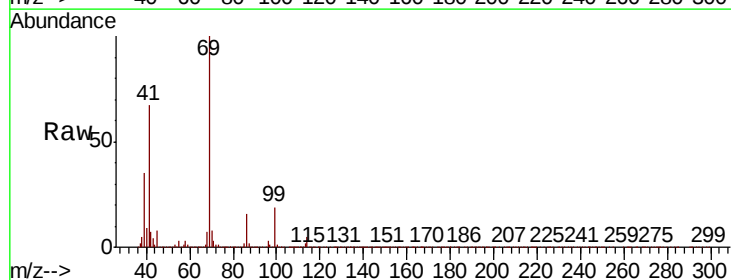
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

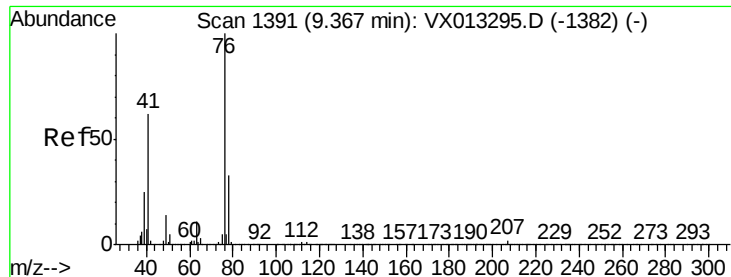
Tot Ion:	97	Resp:	369696
Ion	Ratio	Lower	Upper
97	100		
83	84.0	68.6	103.0
85	55.3	43.1	64.7
99	63.1	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 49.035 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013434.D
 Acq: 15 Nov 2019 10:07

Tgt Ion:	69	Resp:	604157
Ion	Ratio	Lower	Upper
69	100		
41	68.8	56.2	84.2
39	35.8	31.1	46.7





#57

1,3-Dichloropropane

Concen: 51.131 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

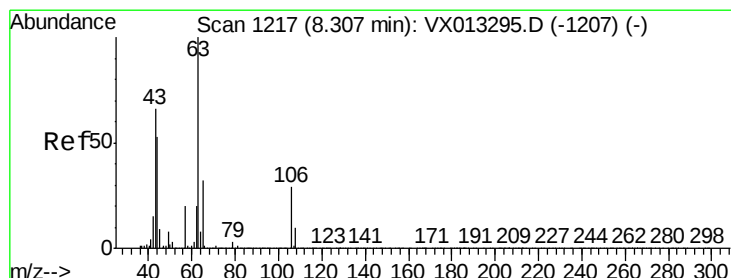
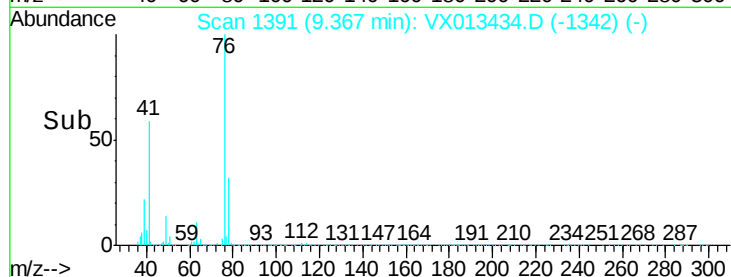
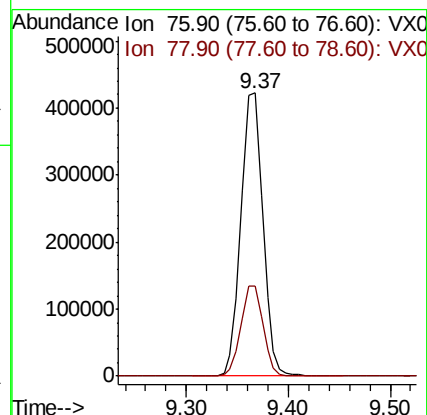
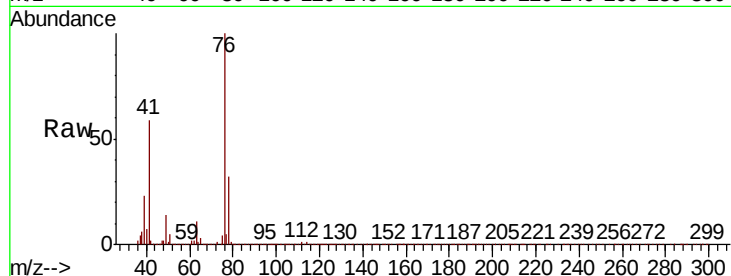
VSTDCCC050

Tot Ion: 76 Resp: 626808

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 297.341 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX013434.D

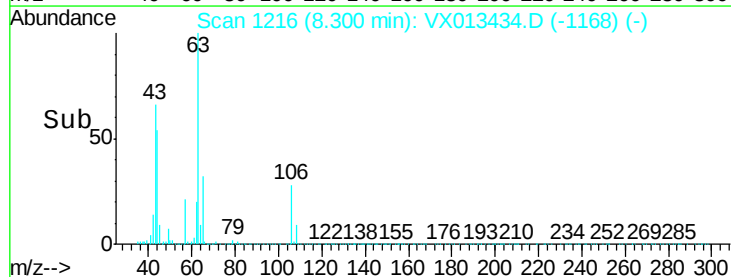
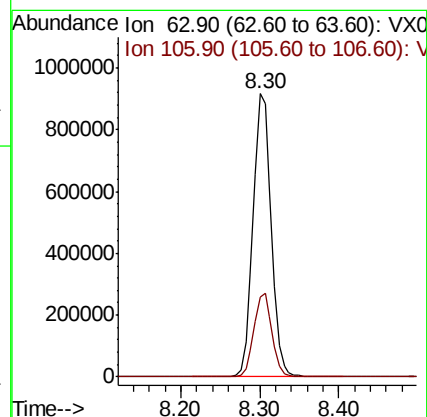
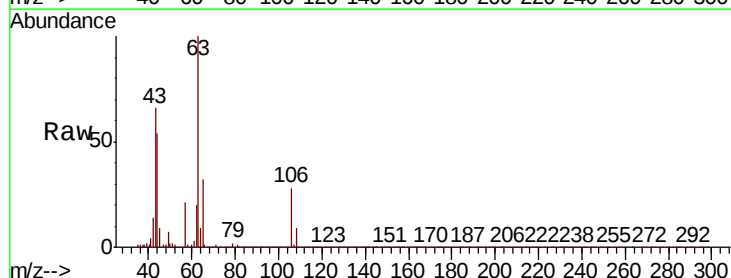
Acq: 15 Nov 2019 10:07

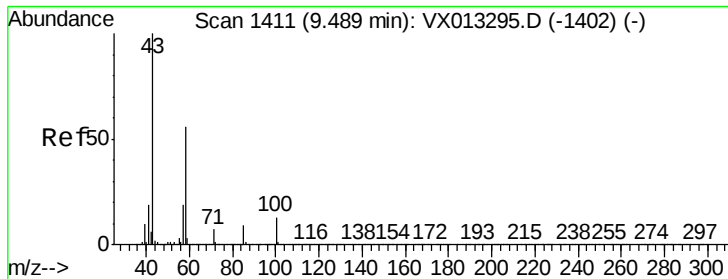
Tgt Ion: 63 Resp: 1468188

Ion Ratio Lower Upper

63 100

106 29.3 23.4 35.2

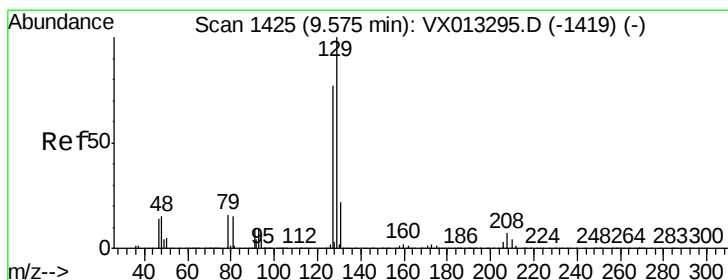
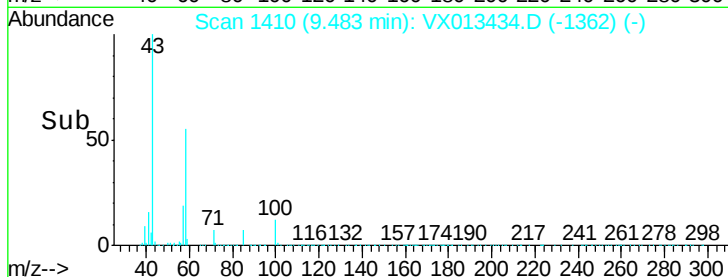
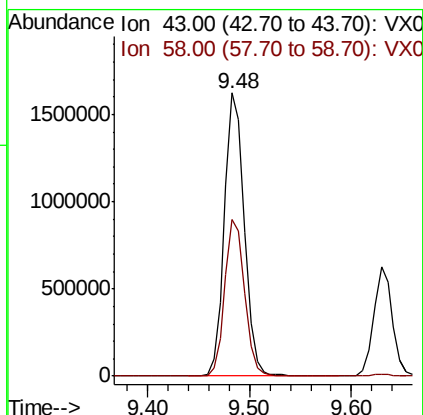
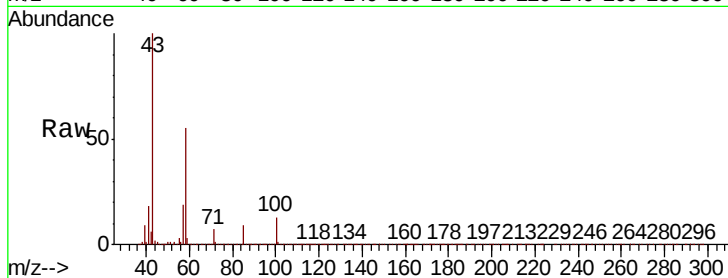




#59
2-Hexanone
Concen: 249.519 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013434.D
Acq: 15 Nov 2019 10:07

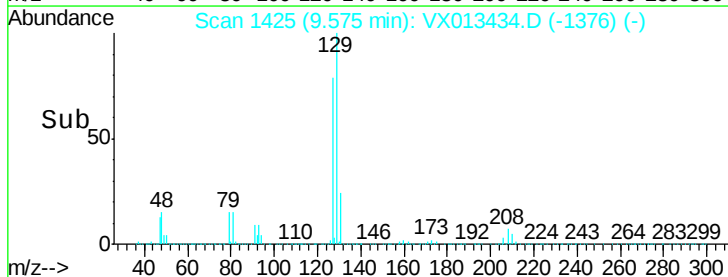
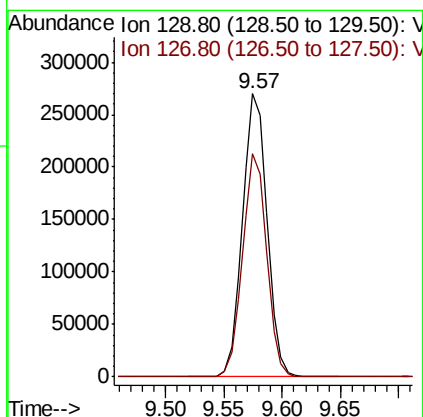
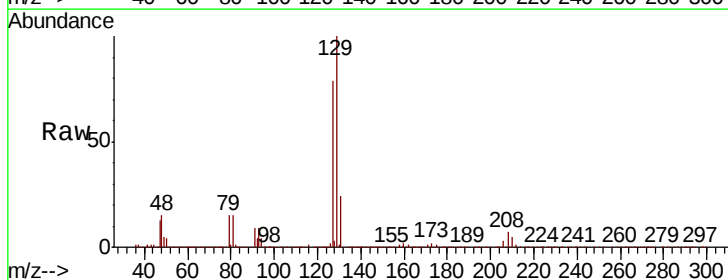
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

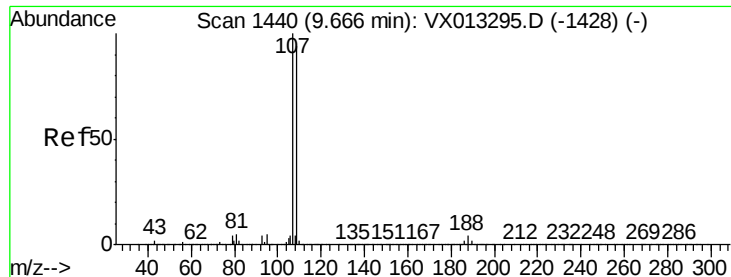
Tot Ion: 43 Resp: 2196708
Ion Ratio Lower Upper
43 100
58 55.6 27.3 81.8



#60
Dibromochloromethane
Concen: 53.900 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX013434.D
Acq: 15 Nov 2019 10:07

Tgt Ion: 129 Resp: 398085
Ion Ratio Lower Upper
129 100
127 77.7 39.1 117.2





#61

1,2-Dibromoethane

Concen: 50.865 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

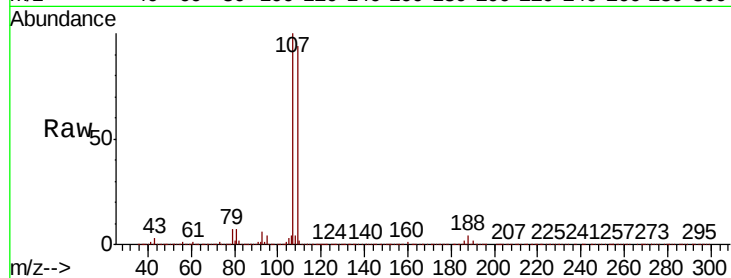
VSTDCCC050

Tot Ion:107 Resp: 390051

Ion Ratio Lower Upper

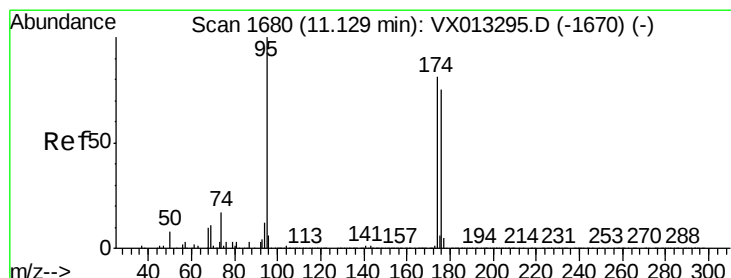
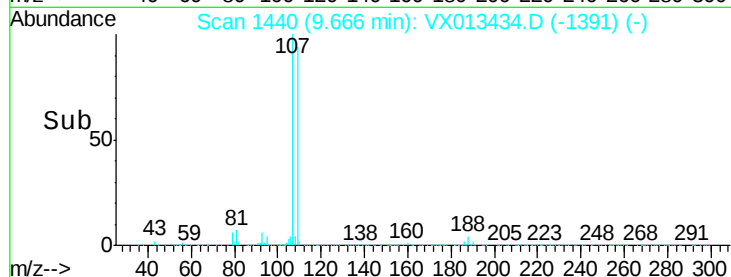
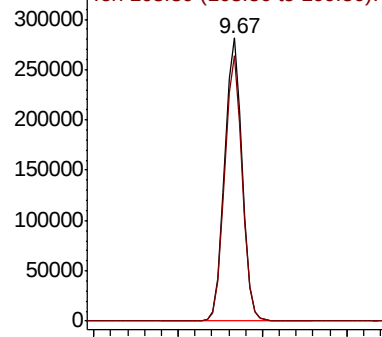
107 100

109 94.3 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.665 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

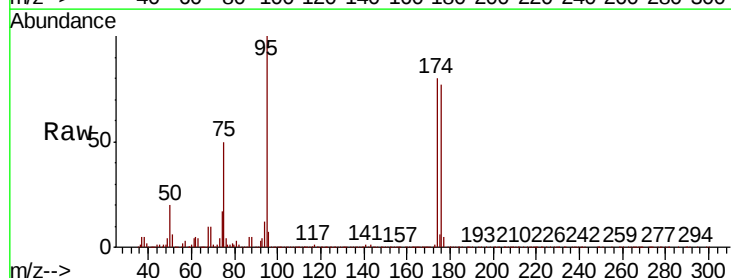
Tgt Ion: 95 Resp: 463796

Ion Ratio Lower Upper

95 100

174 89.1 0.0 179.8

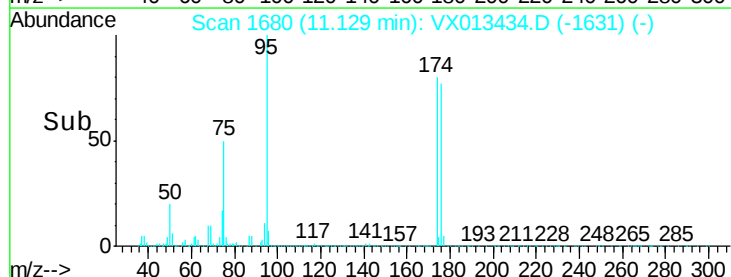
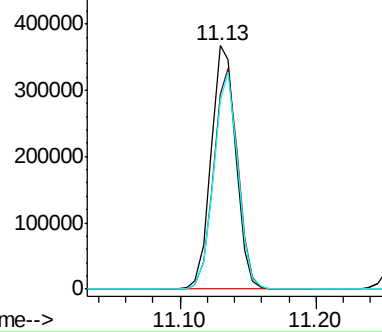
176 86.6 0.0 173.0

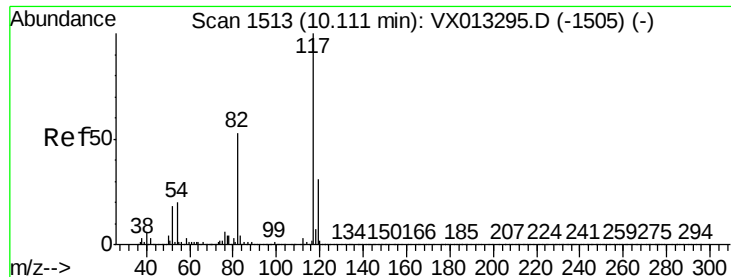


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

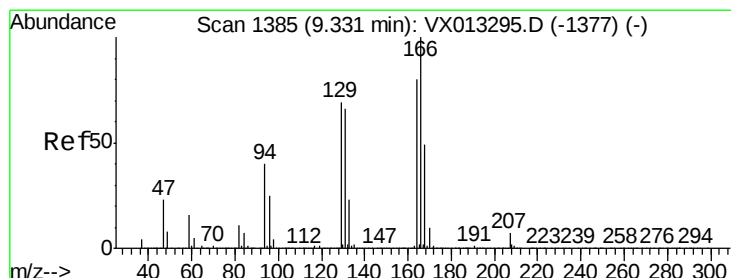
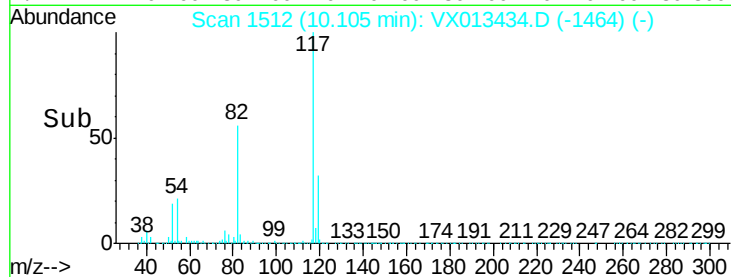
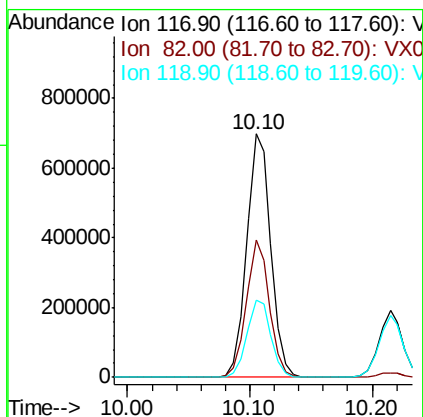
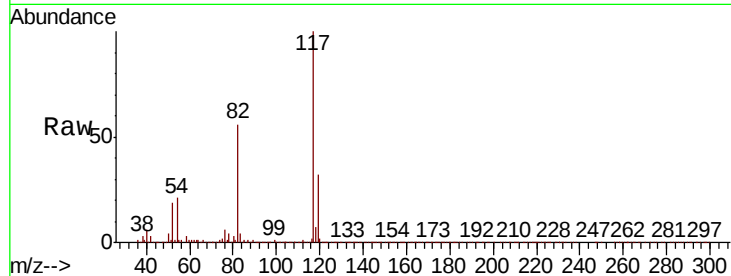




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013434.D
Acq: 15 Nov 2019 10:07

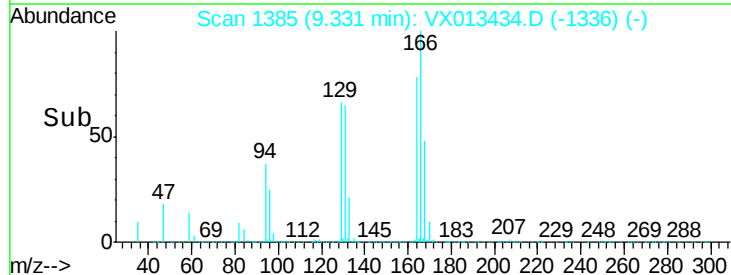
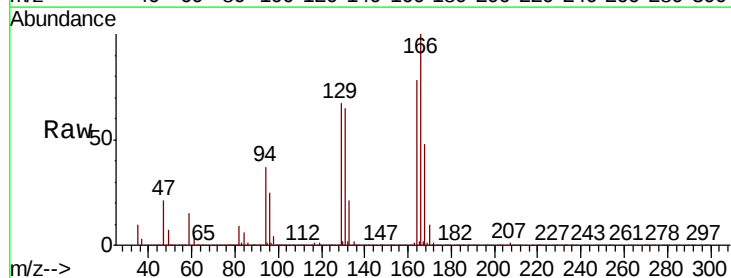
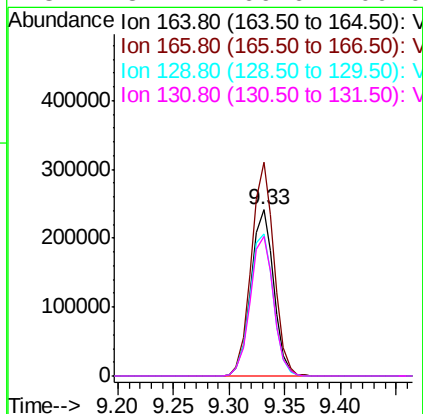
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

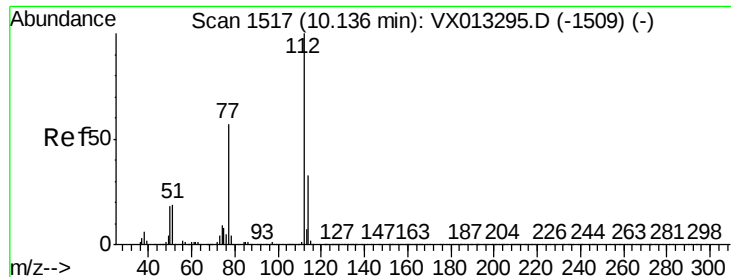
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.1	42.6	64.0
119	31.9	24.8	37.2



#64
Tetrachloroethene
Concen: 50.455 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013434.D
Acq: 15 Nov 2019 10:07

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.8	100.4	150.6
129	85.6	69.4	104.2
131	84.2	66.6	100.0





#65

Chlorobenzene

Concen: 50.821 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

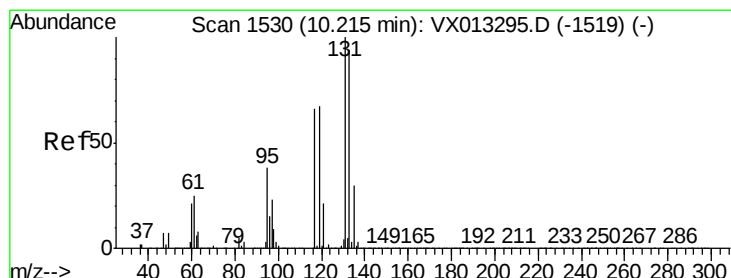
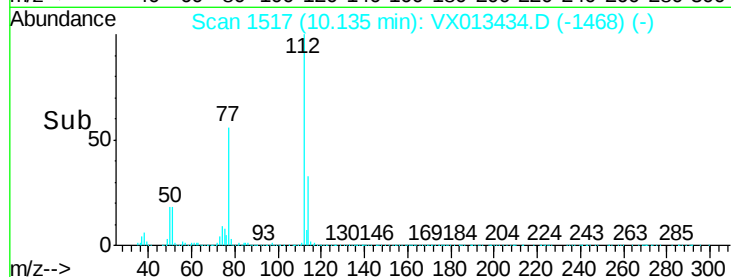
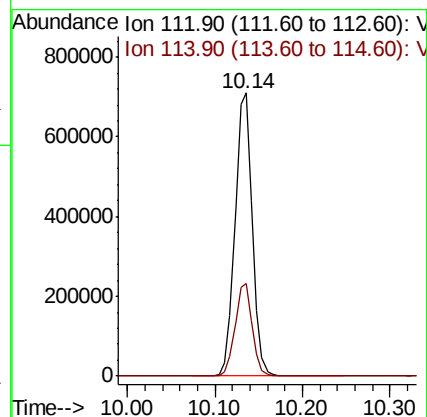
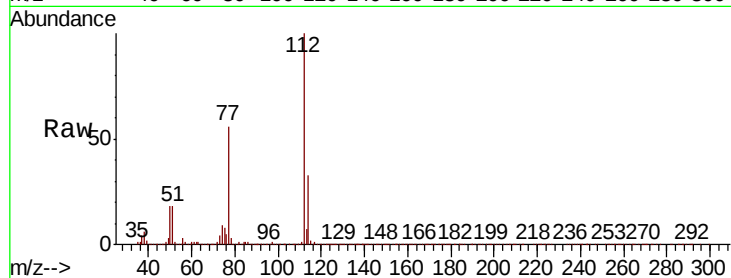
VSTDCCC050

Tot Ion:112 Resp: 978502

Ion Ratio Lower Upper

112 100

114 32.5 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 51.891 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

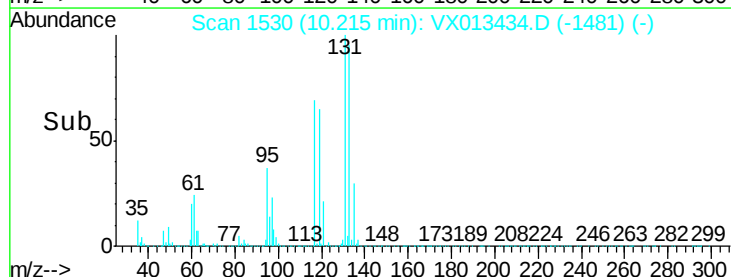
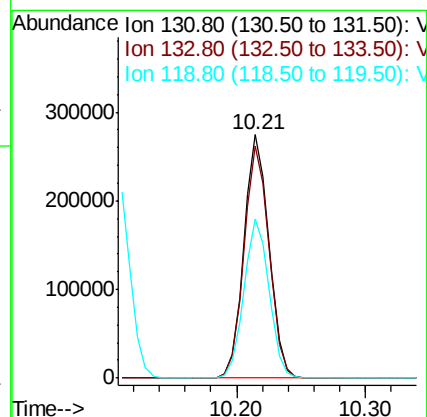
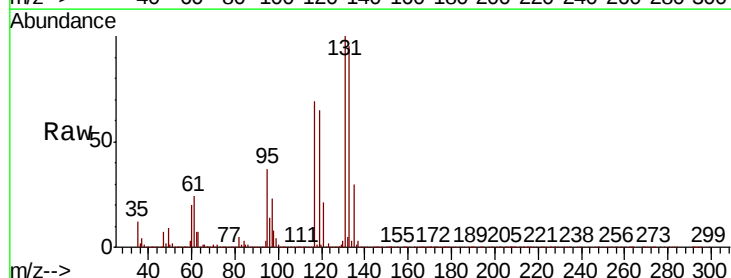
Tgt Ion:131 Resp: 366844

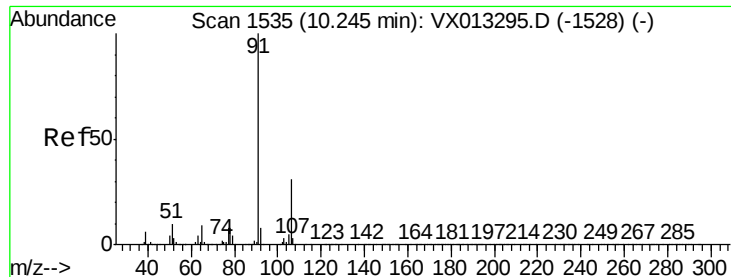
Ion Ratio Lower Upper

131 100

133 95.8 48.0 144.0

119 65.7 33.0 99.0





#67

Ethyl Benzene

Concen: 52.362 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

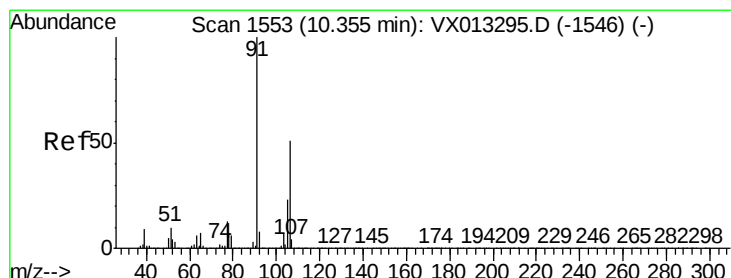
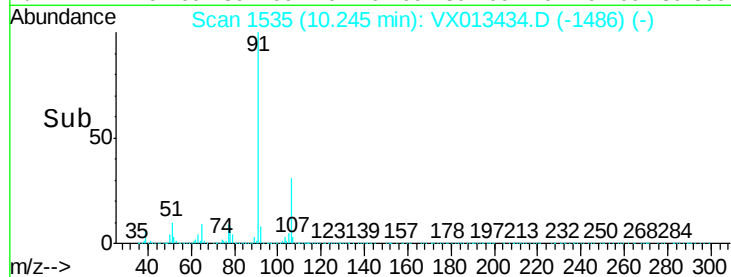
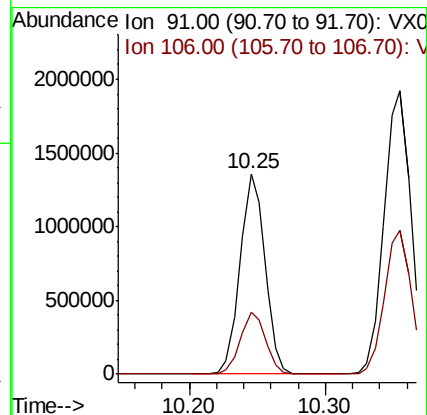
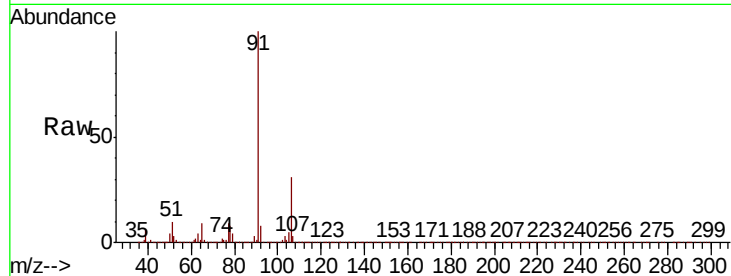
VSTDCCC050

Tot Ion: 91 Resp: 1740005

Ion Ratio Lower Upper

91 100

106 30.8 24.6 36.8



#68

m/p-Xylenes

Concen: 106.343 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013434.D

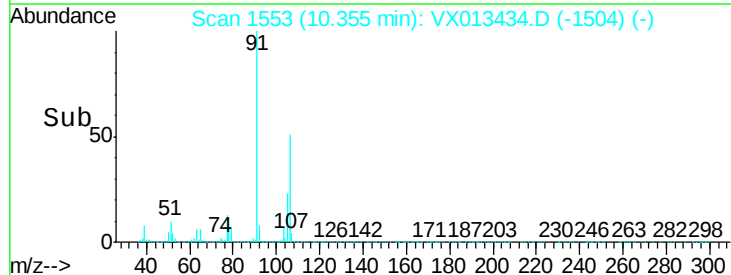
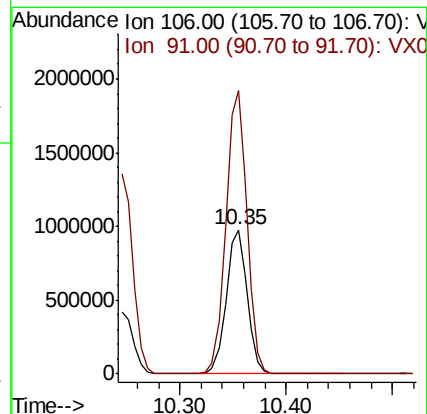
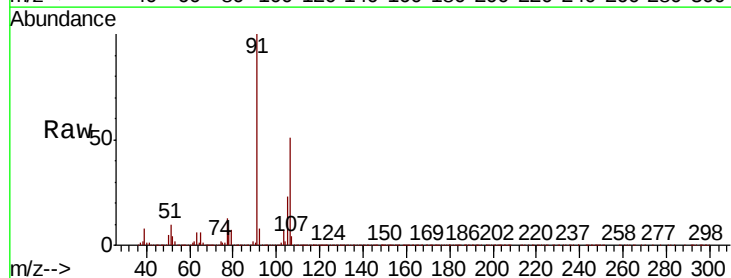
Acq: 15 Nov 2019 10:07

Tgt Ion: 106 Resp: 1336452

Ion Ratio Lower Upper

106 100

91 197.0 159.3 238.9

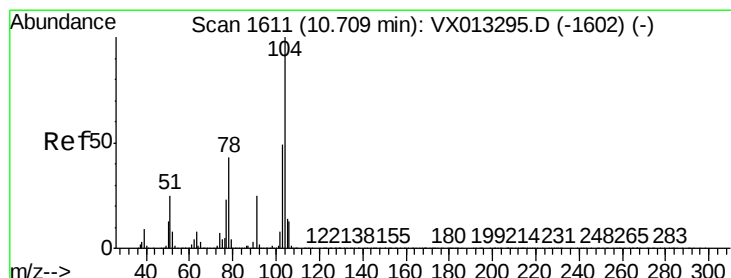
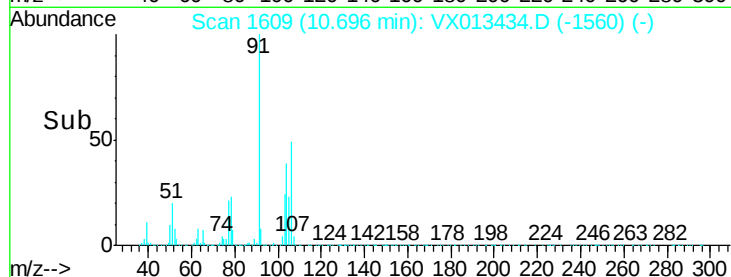
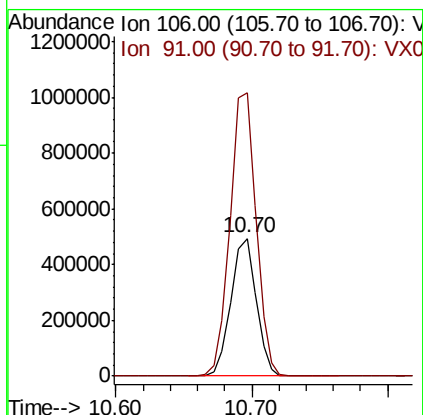
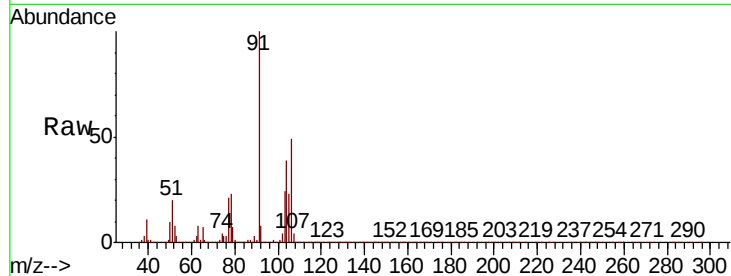




#69
o-Xylene
Concen: 52.202 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013434.D
Acq: 15 Nov 2019 10:07

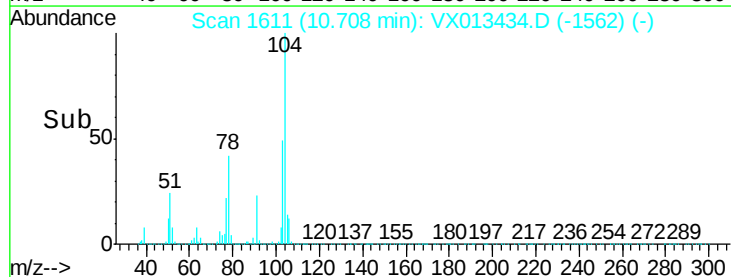
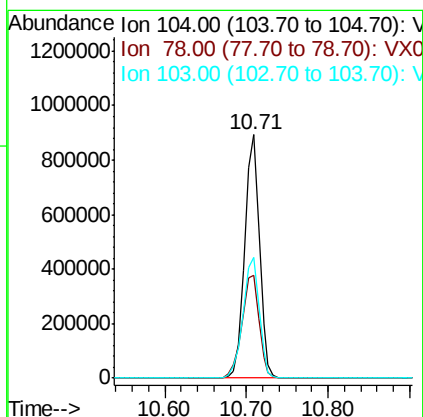
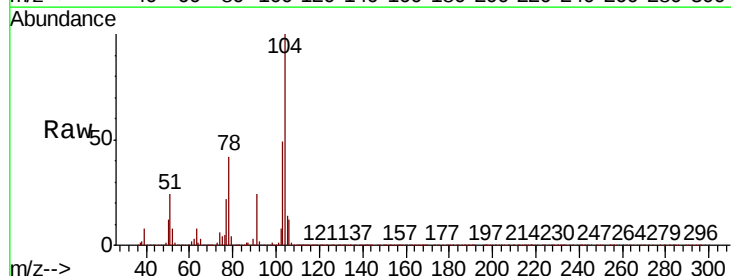
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 642281
Ion Ratio Lower Upper
106 100
91 211.4 105.7 317.0



#70
Styrene
Concen: 54.184 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013434.D
Acq: 15 Nov 2019 10:07

Tgt Ion:104 Resp: 1114422
Ion Ratio Lower Upper
104 100
78 48.8 40.0 60.0
103 54.5 44.1 66.1

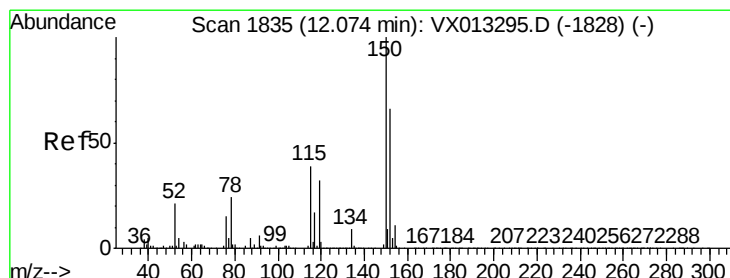
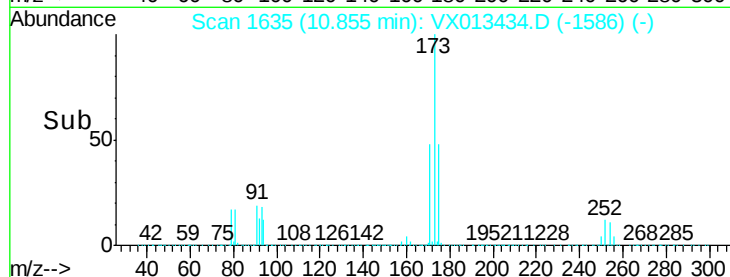
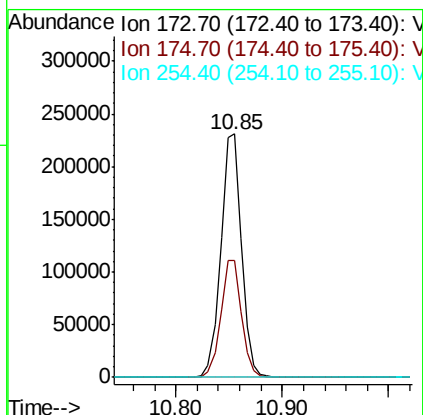
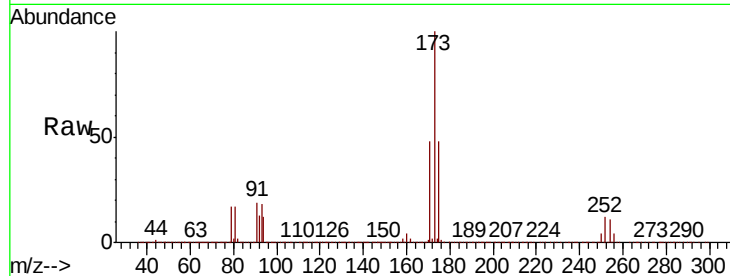




#71
Bromoform
Concen: 47.770 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013434.D
Acq: 15 Nov 2019 10:07

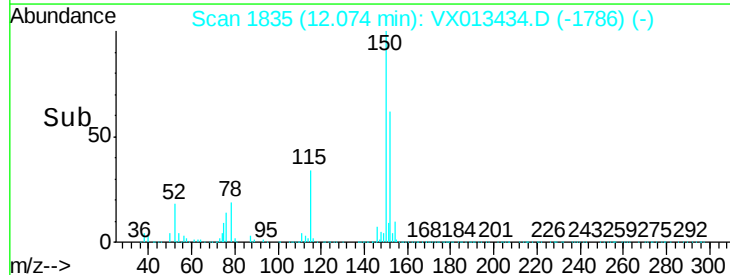
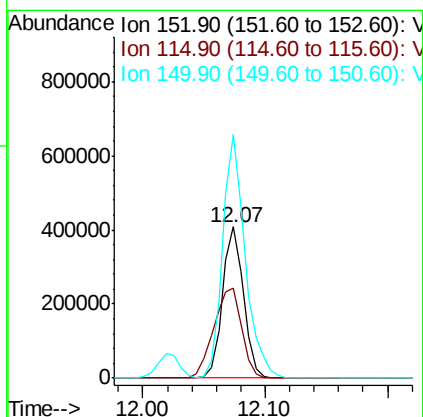
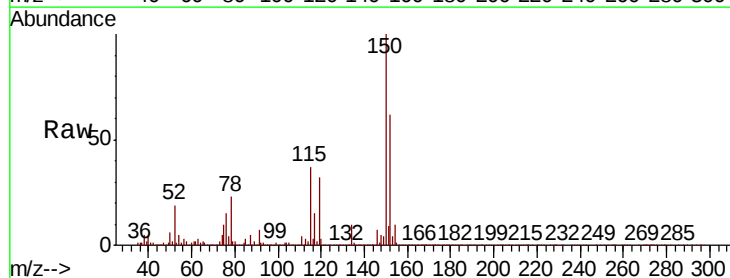
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

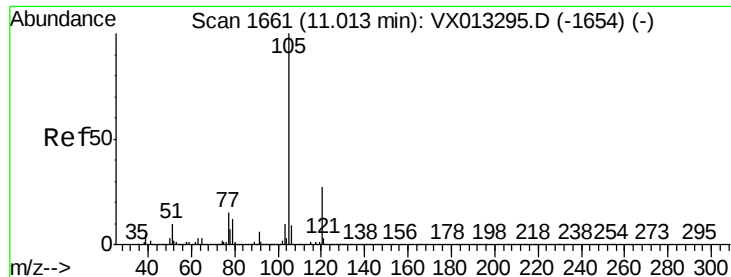
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.8	74.4
254	0.2	0.2	0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013434.D
Acq: 15 Nov 2019 10:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	79.9	39.5	118.3
150	174.8	0.0	344.4





#73

Isopropylbenzene

Concen: 54.095 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

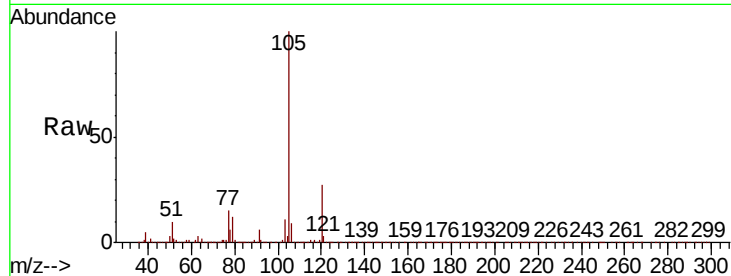
VSTDCCC050

Tot Ion:105 Resp: 1727259

Ion Ratio Lower Upper

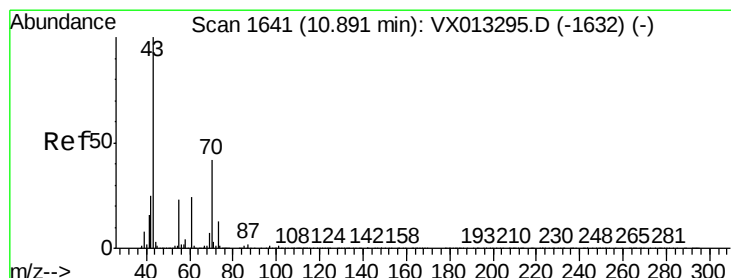
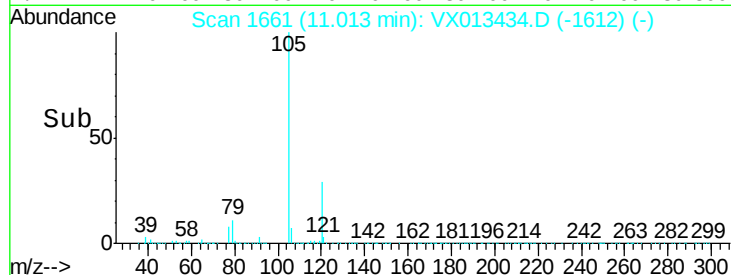
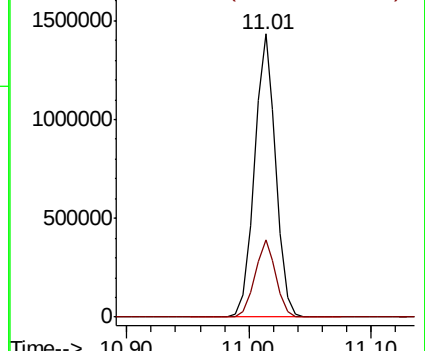
105 100

120 26.9 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.787 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Tgt Ion: 43 Resp: 796410

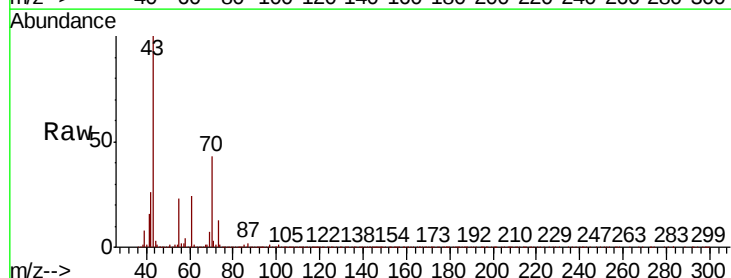
Ion Ratio Lower Upper

43 100

70 43.7 34.1 51.1

55 24.0 18.9 28.3

61 24.8 19.2 28.8

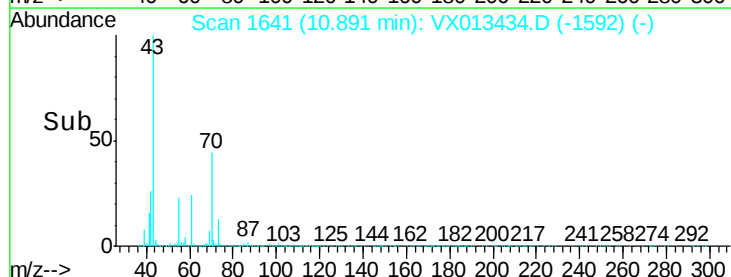
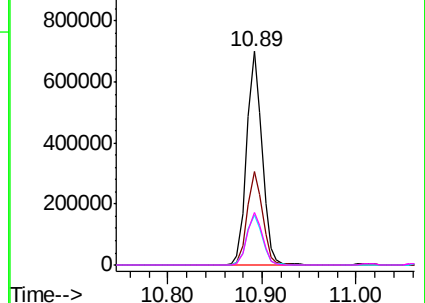


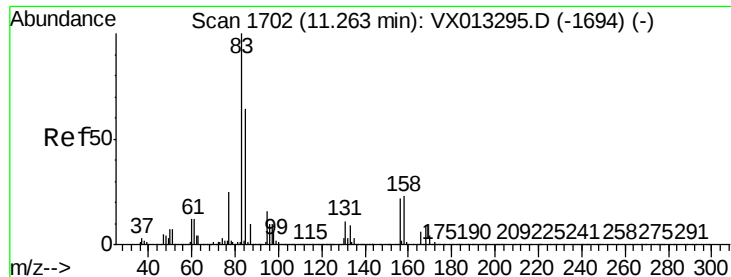
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.574 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

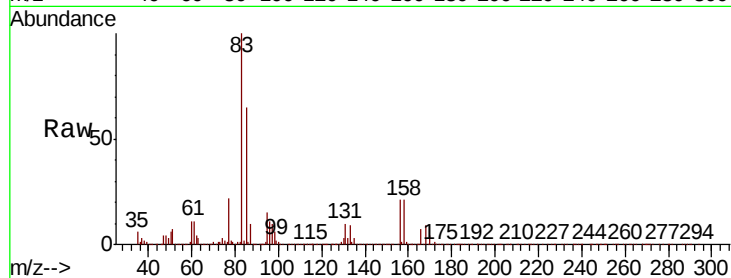
Tot Ion: 83 Resp: 600766

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.3

85 64.0 32.3 96.8



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

600000

500000

400000

300000

200000

100000

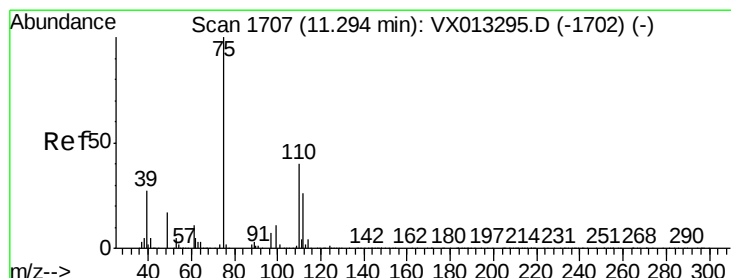
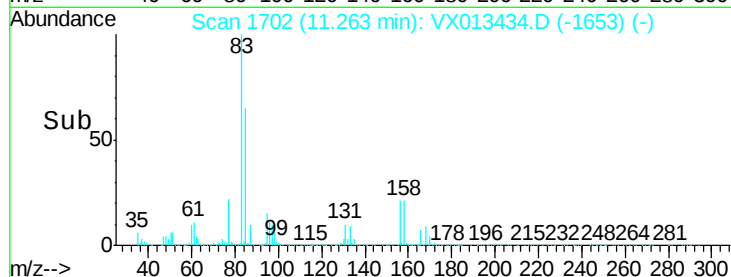
0

11.26

11.30

11.40

Time-->



#76

1,2,3-Trichloropropane

Concen: 70.424 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX013434.D

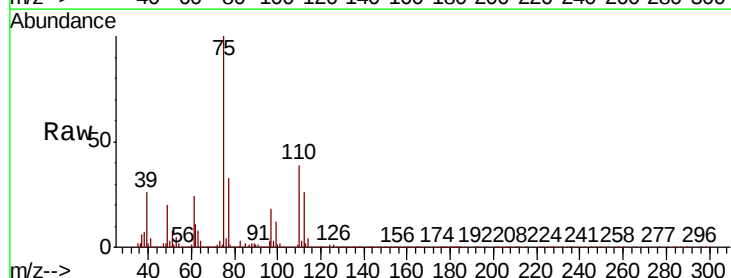
Acq: 15 Nov 2019 10:07

Tgt Ion: 75 Resp: 688869

Ion Ratio Lower Upper

75 100

77 30.8 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

600000

500000

400000

300000

200000

100000

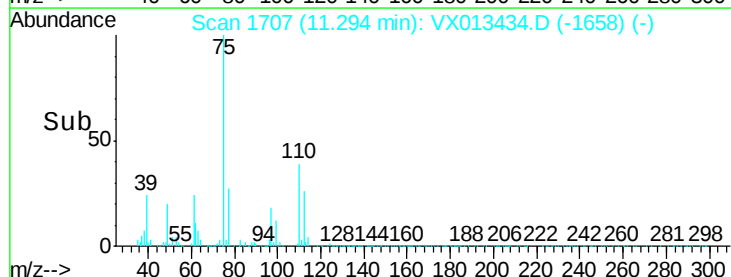
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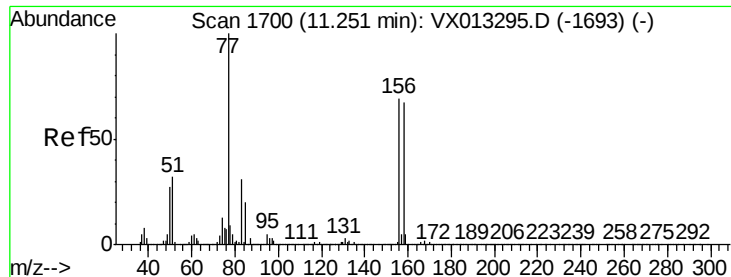
11.25

11.30

11.35

Time-->





#77

Bromobenzene

Concen: 52.564 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

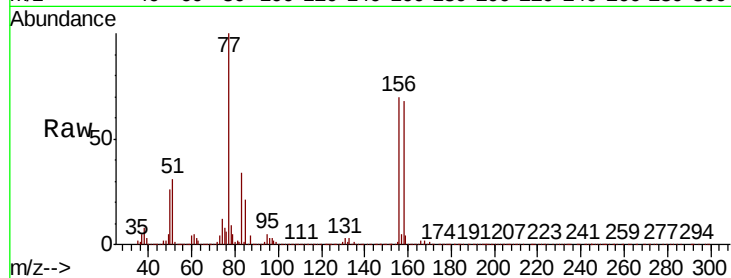
Tot Ion:156 Resp: 447431

Ion Ratio Lower Upper

156 100

77 151.2 75.8 227.4

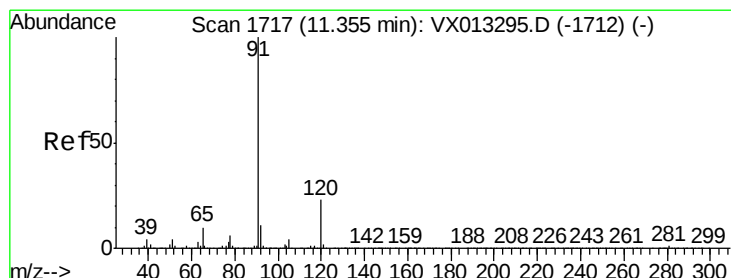
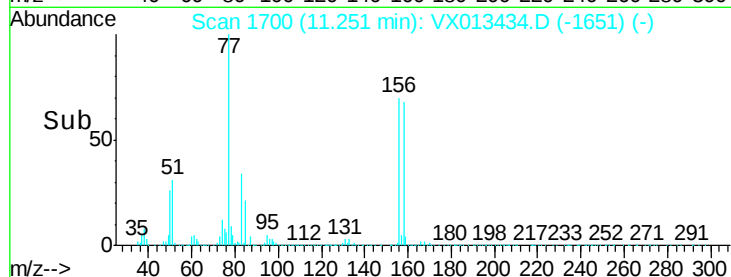
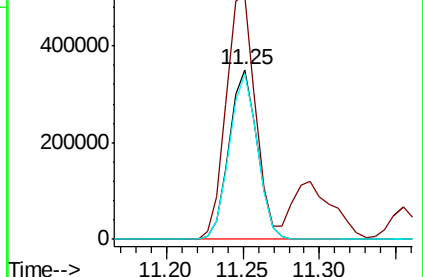
158 97.3 47.6 142.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 55.726 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013434.D

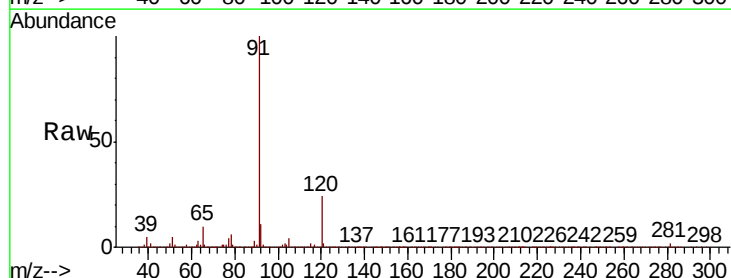
Acq: 15 Nov 2019 10:07

Tgt Ion: 91 Resp: 1982079

Ion Ratio Lower Upper

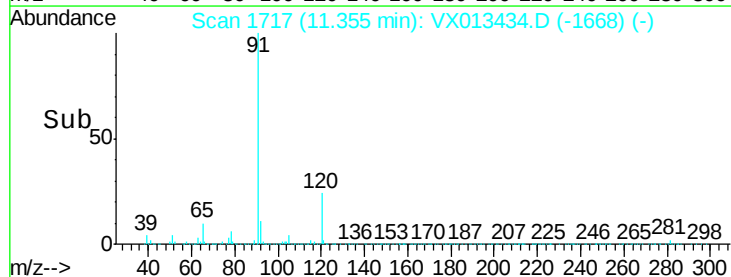
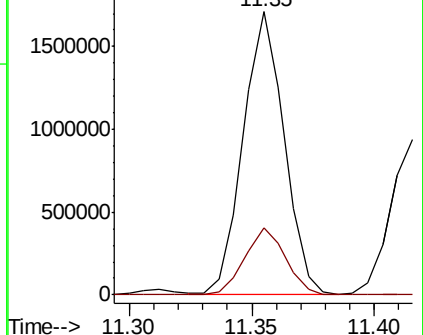
91 100

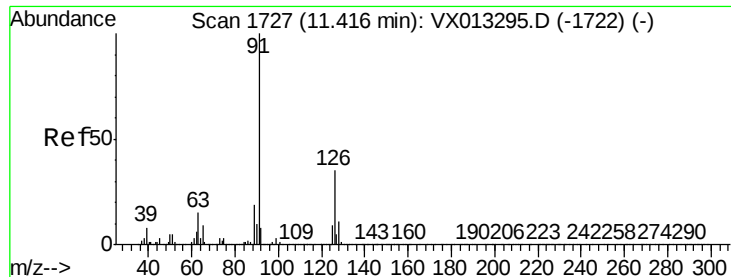
120 23.7 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

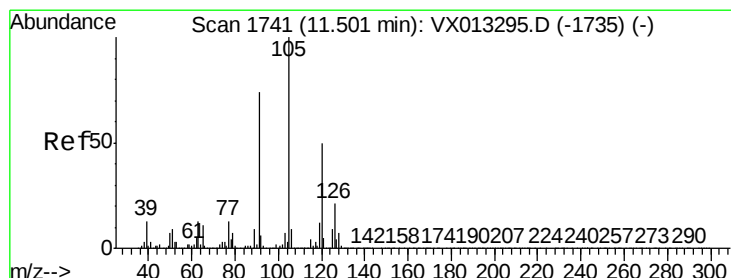
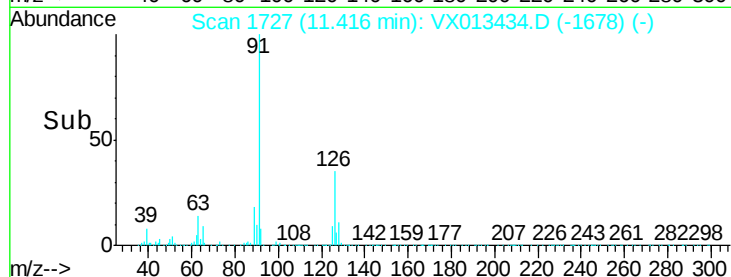
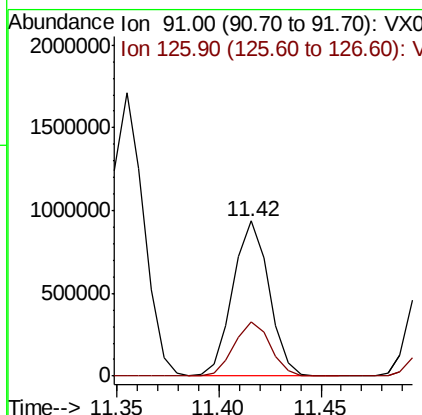
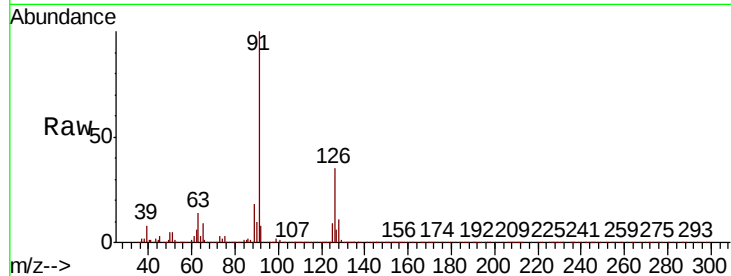




#79
 2-Chlorotoluene
 Concen: 53.718 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX013434.D
 Acq: 15 Nov 2019 10:07

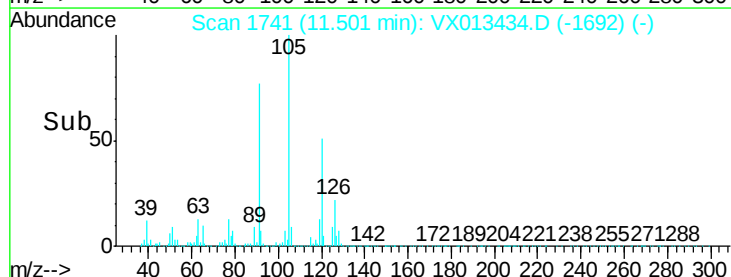
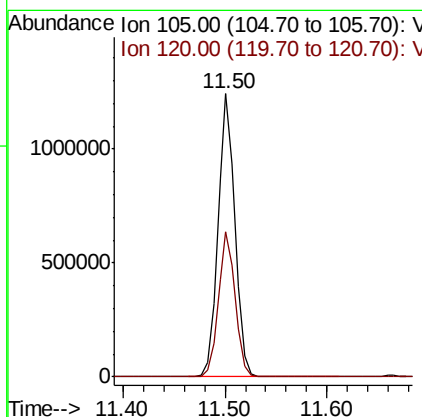
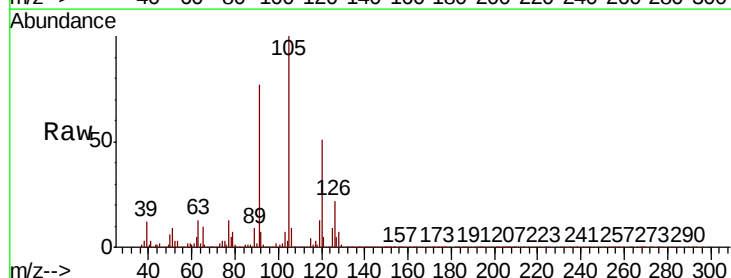
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

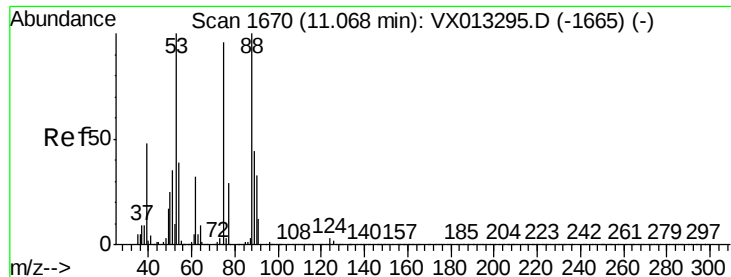
Tot Ion: 91 Resp: 1151177
 Ion Ratio Lower Upper
 91 100
 126 35.0 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 54.369 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013434.D
 Acq: 15 Nov 2019 10:07

Tgt Ion: 105 Resp: 1445996
 Ion Ratio Lower Upper
 105 100
 120 50.9 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 53.119 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

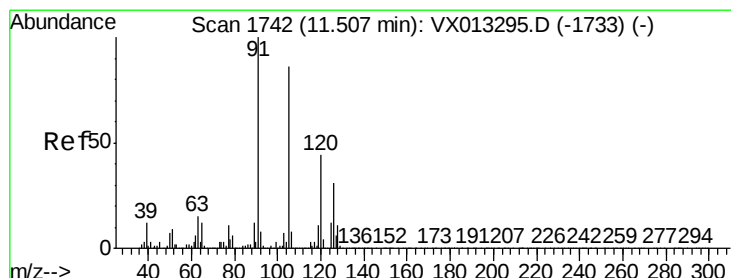
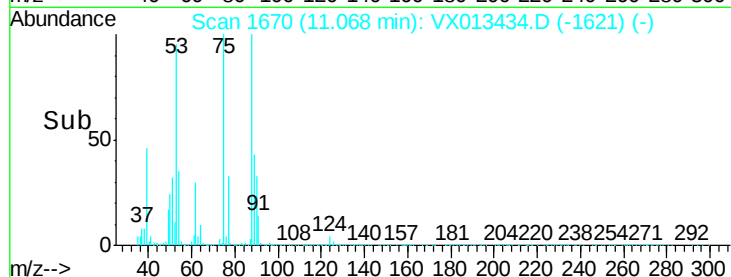
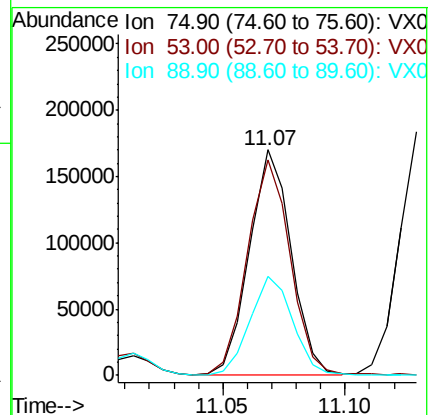
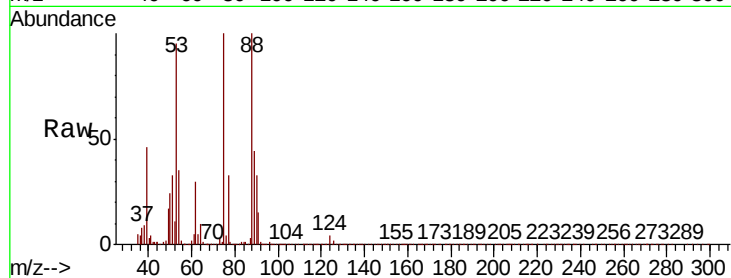
Tot Ion: 75 Resp: 201864

Ion Ratio Lower Upper

75 100

53 97.5 81.0 121.6

89 45.1 36.0 54.0



#82

4-Chlorotoluene

Concen: 53.199 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013434.D

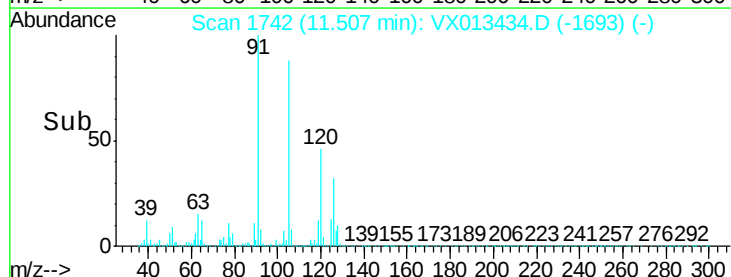
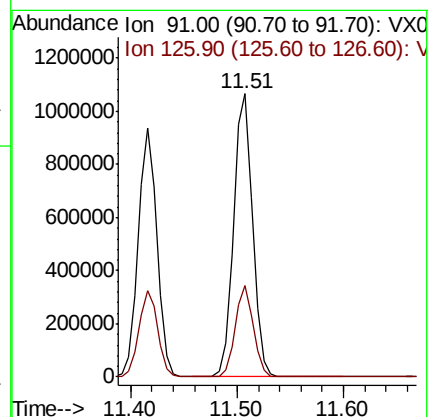
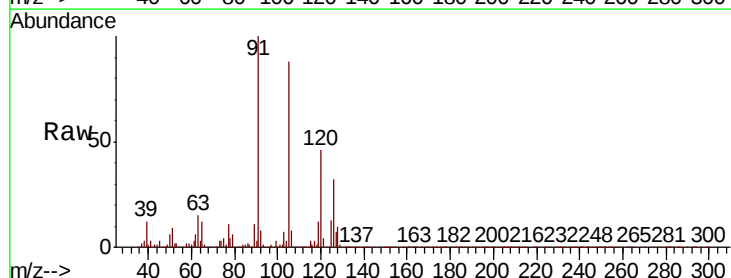
Acq: 15 Nov 2019 10:07

Tgt Ion: 91 Resp: 1334538

Ion Ratio Lower Upper

91 100

126 30.6 15.3 45.8





#83

tert-Butylbenzene

Concen: 54.645 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

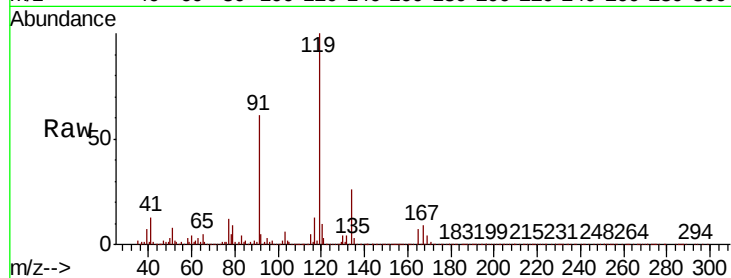
Tot Ion:119 Resp: 1463004

Ion Ratio Lower Upper

119 100

91 54.3 26.9 80.7

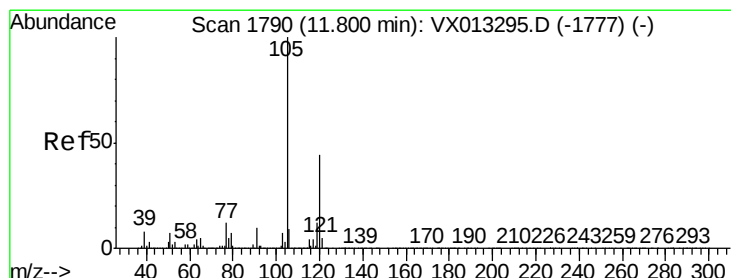
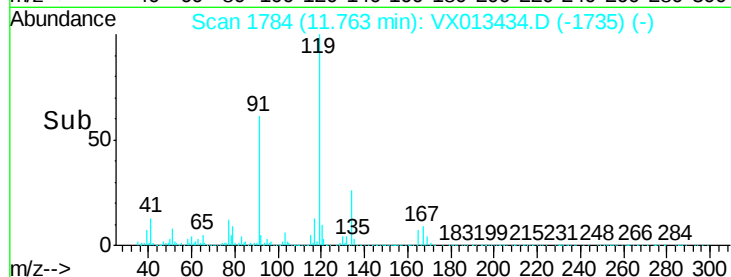
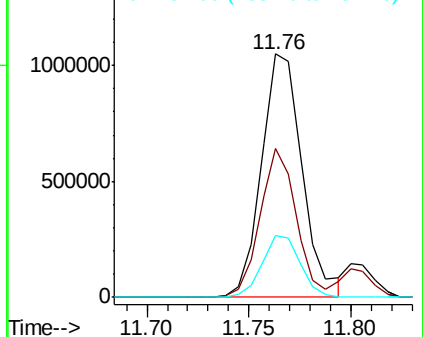
134 23.9 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 54.851 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX013434.D

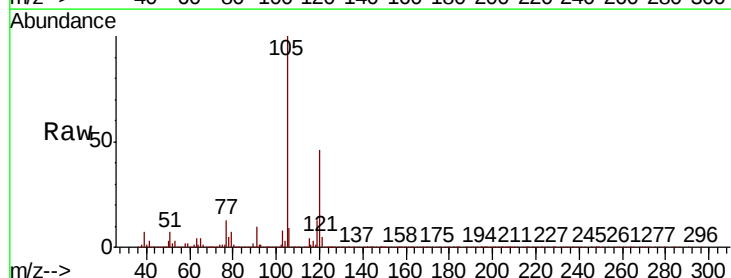
Acq: 15 Nov 2019 10:07

Tgt Ion:105 Resp: 1463405

Ion Ratio Lower Upper

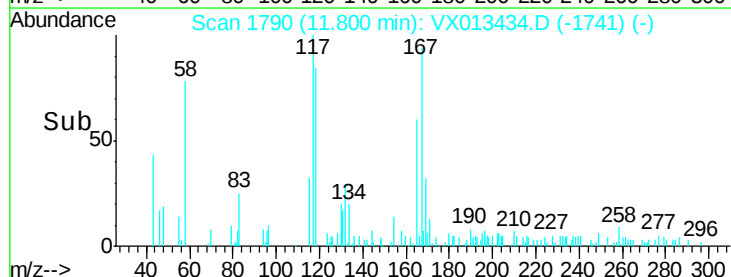
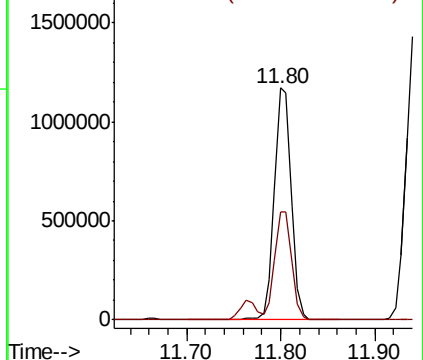
105 100

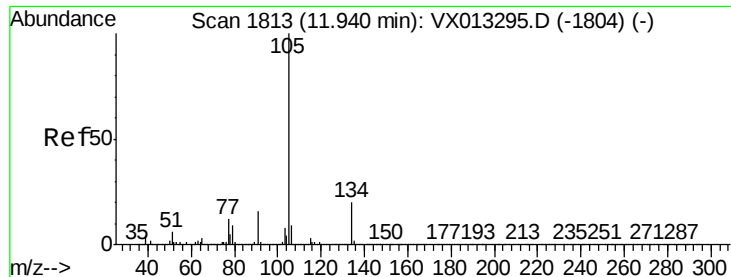
120 46.4 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

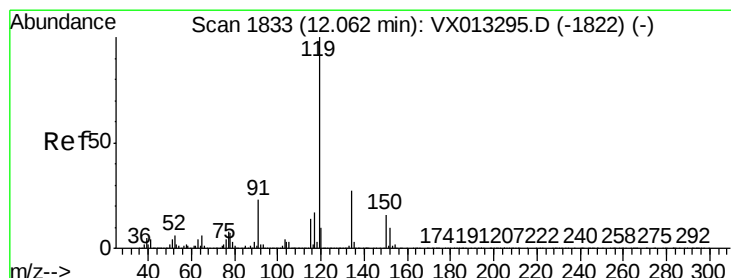
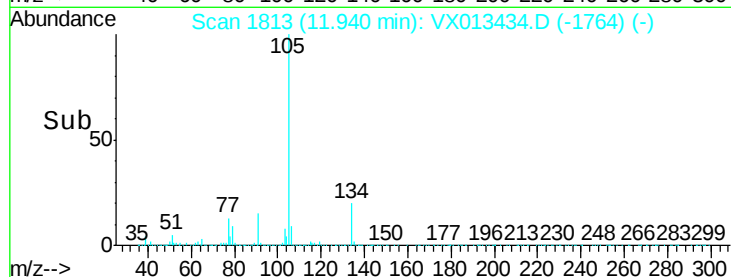
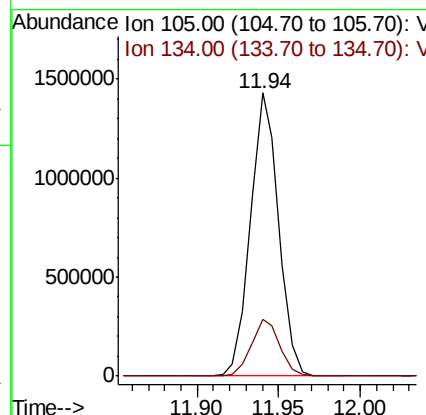
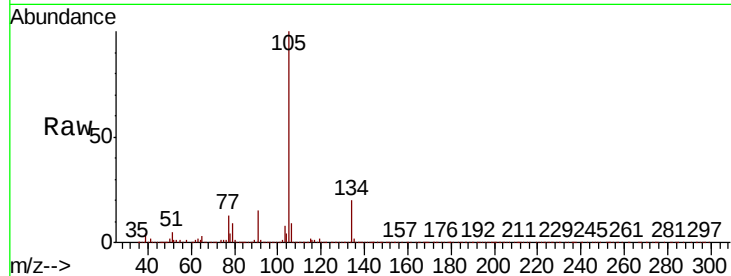




#85
 sec-Butylbenzene
 Concen: 55.577 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013434.D
 Acq: 15 Nov 2019 10:07

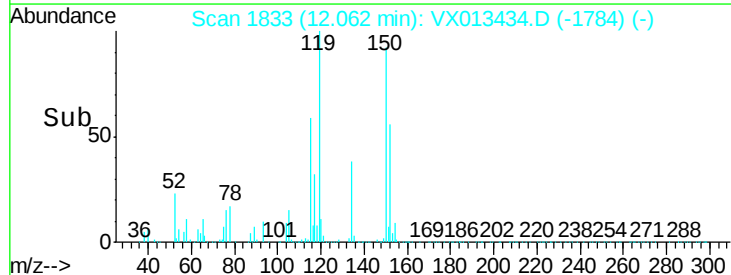
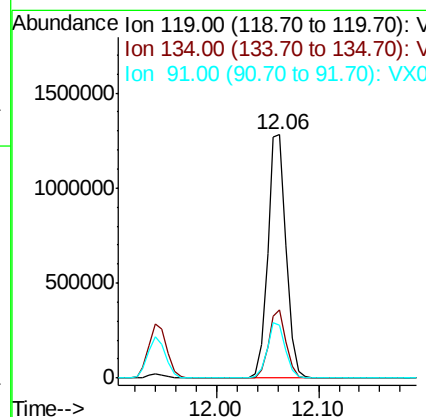
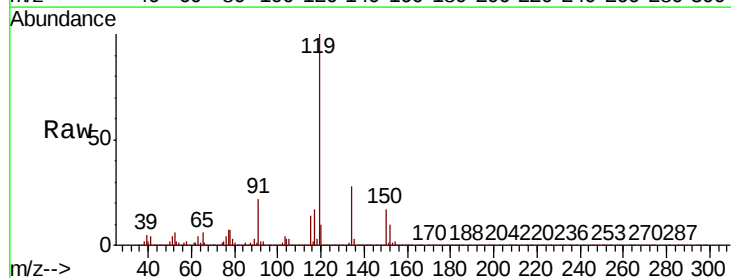
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

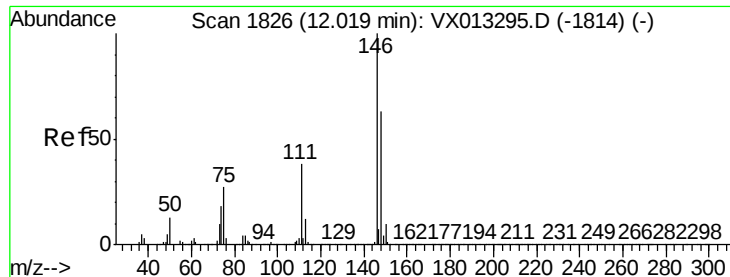
Tot Ion:105 Resp: 1710099
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 56.447 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX013434.D
 Acq: 15 Nov 2019 10:07

Tgt Ion:119 Resp: 1599339
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.8
 91 22.4 11.5 34.4





#87

1,3-Dichlorobenzene

Concen: 53.283 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

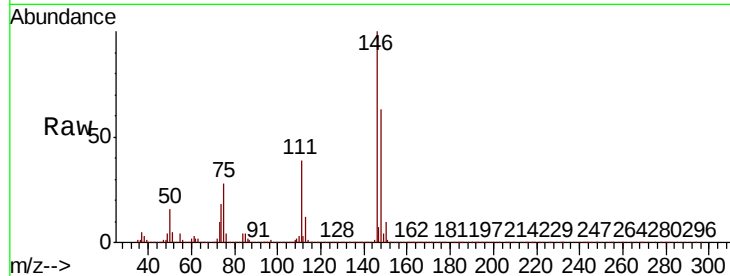
Tot Ion:146 Resp: 808464

Ion Ratio Lower Upper

146 100

111 38.4 18.9 56.5

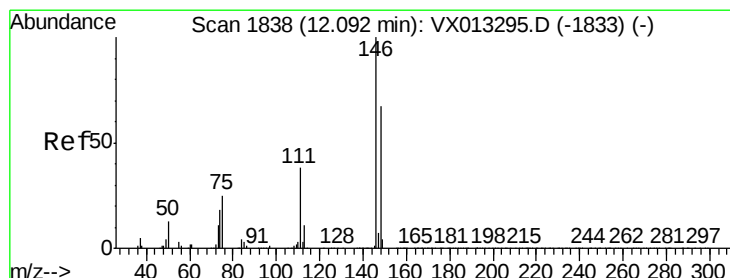
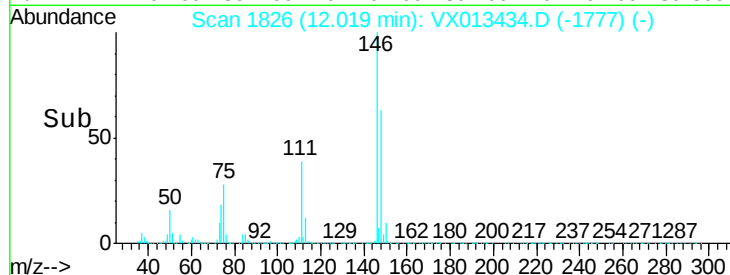
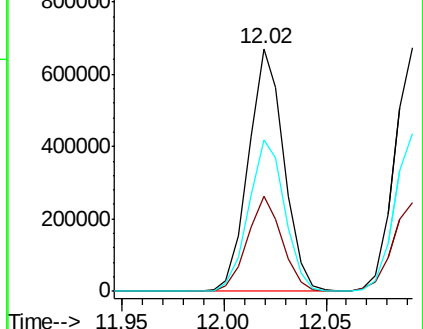
148 63.8 31.9 95.7



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



#88

1,4-Dichlorobenzene

Concen: 52.356 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

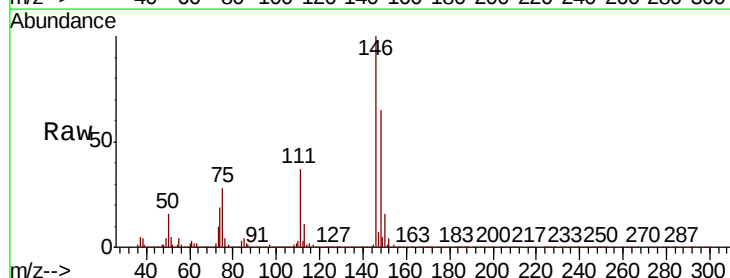
Tgt Ion:146 Resp: 809381

Ion Ratio Lower Upper

146 100

111 37.5 18.8 56.4

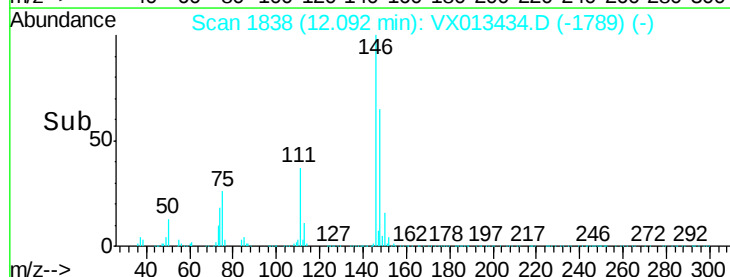
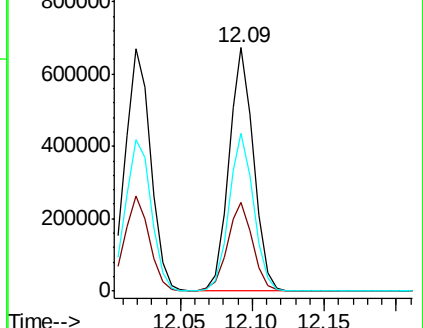
148 64.8 32.4 97.0

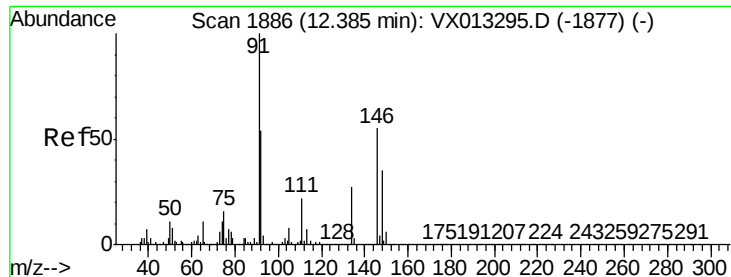


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 57.082 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

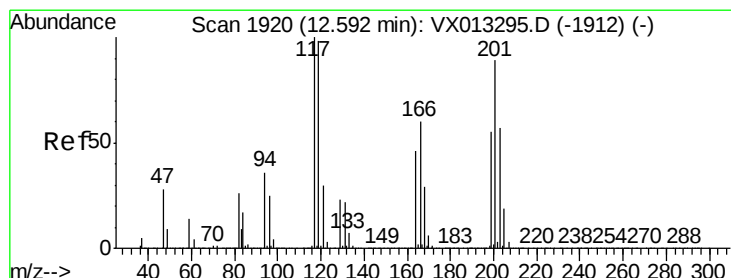
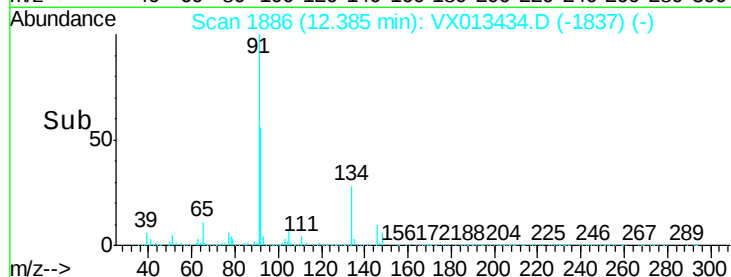
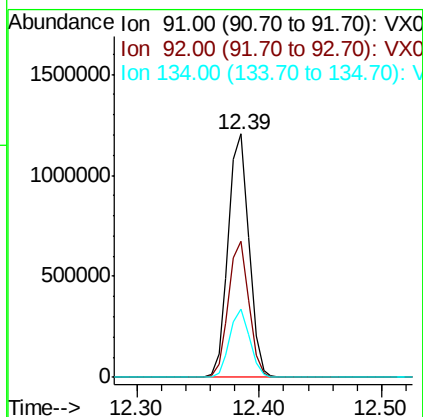
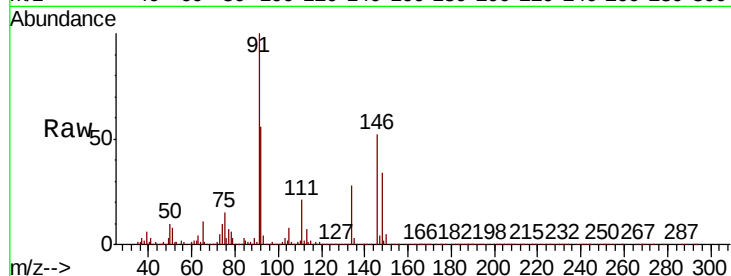
Tot Ion: 91 Resp: 1411246

Ion Ratio Lower Upper

91 100

92 55.2 27.3 81.8

134 27.2 13.5 40.5



#90

Hexachloroethane

Concen: 56.127 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX013434.D

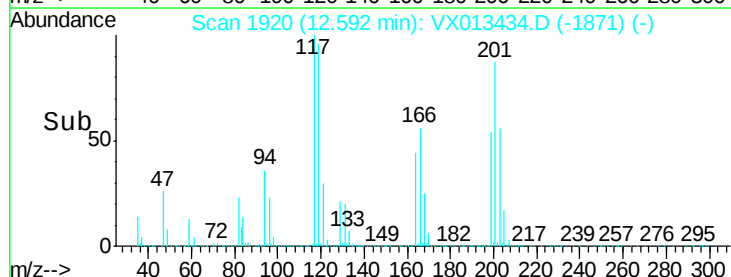
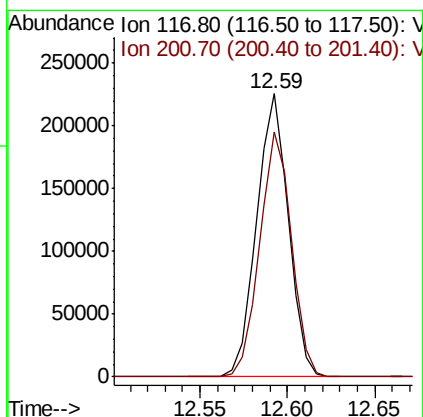
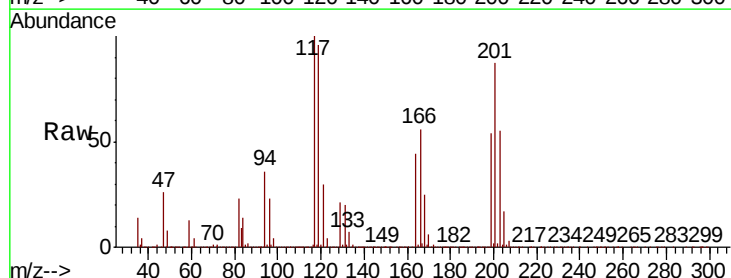
Acq: 15 Nov 2019 10:07

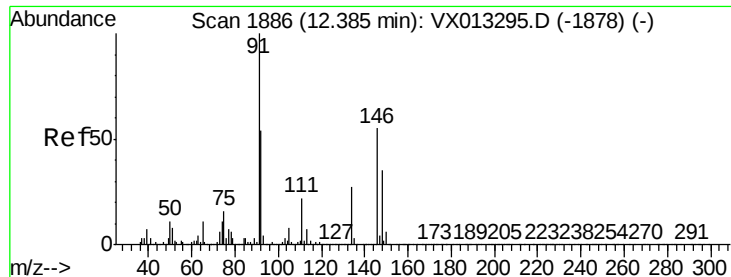
Tgt Ion: 117 Resp: 283343

Ion Ratio Lower Upper

117 100

201 87.0 43.9 131.7





#91

1,2-Dichlorobenzene

Concen: 52.885 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

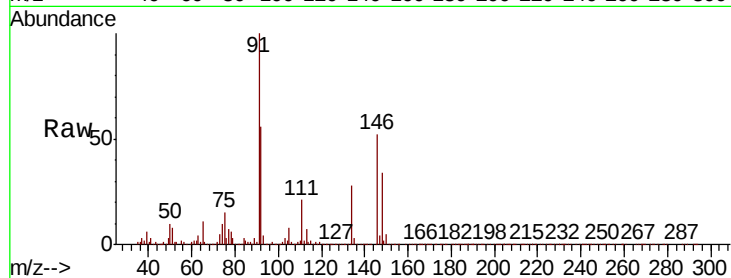
Tot Ion:146 Resp: 802113

Ion Ratio Lower Upper

146 100

111 39.3 20.1 60.2

148 64.2 32.0 96.0



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

12.39

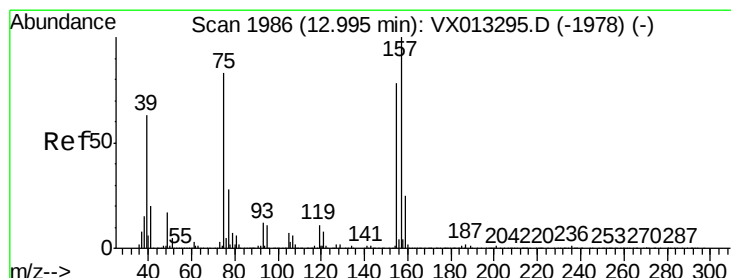
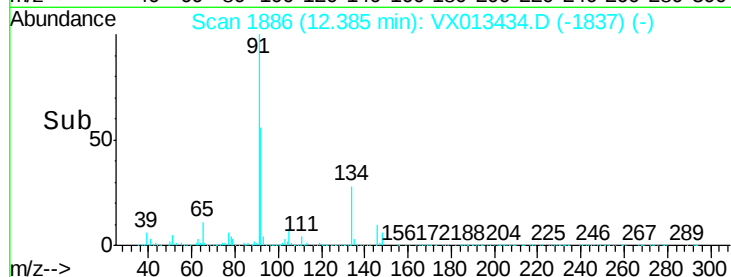
600000

400000

200000

0

Time--> 12.30 12.40



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.220 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

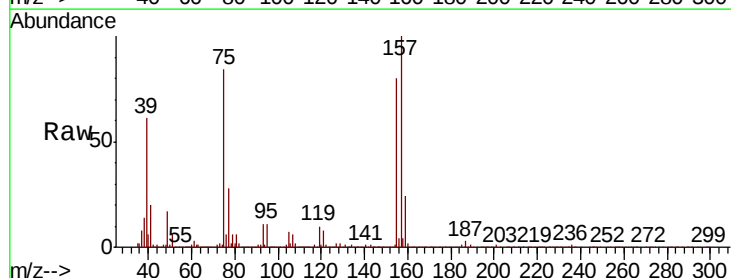
Tgt Ion: 75 Resp: 128334

Ion Ratio Lower Upper

75 100

155 96.9 47.1 141.4

157 124.7 61.3 183.8



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

12.99

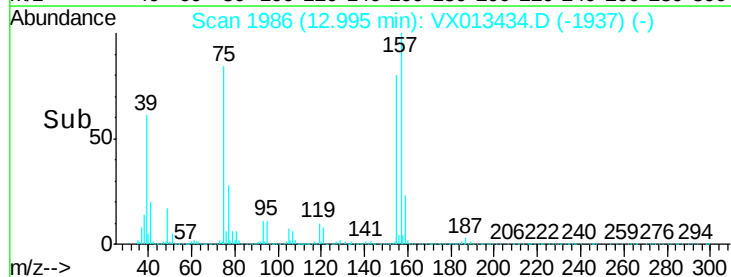
150000

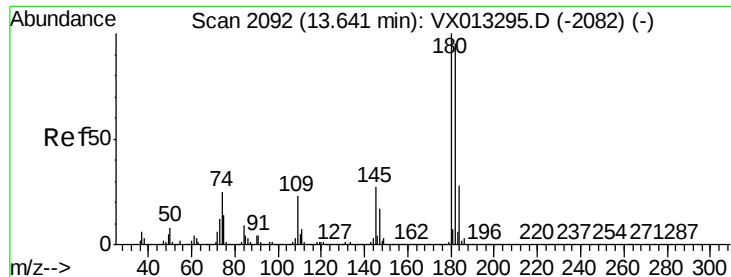
100000

50000

0

Time--> 12.95 13.00 13.05

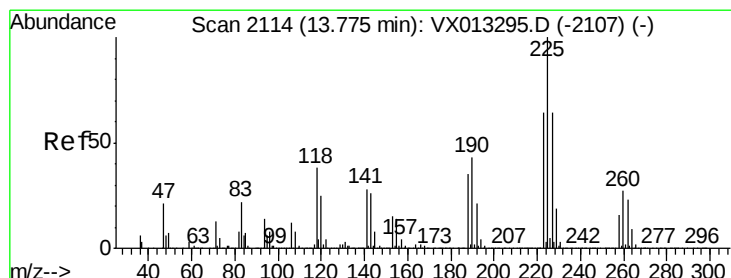
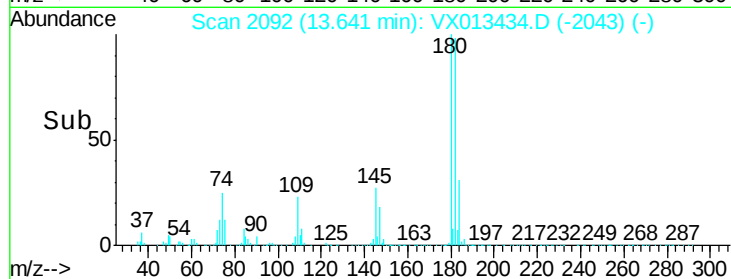
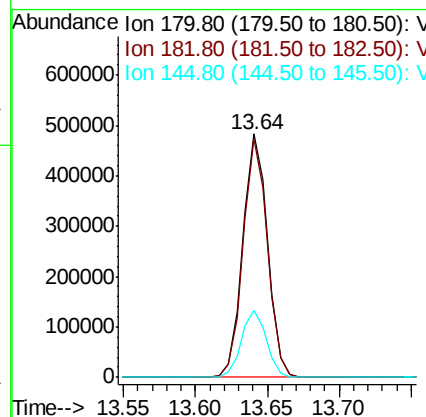
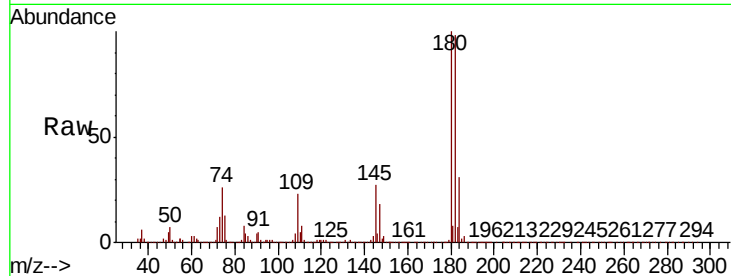




#93
 1,2,4-Trichlorobenzene
 Concen: 54.488 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013434.D
 Acq: 15 Nov 2019 10:07

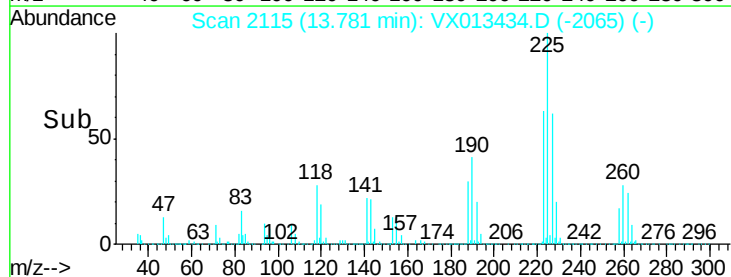
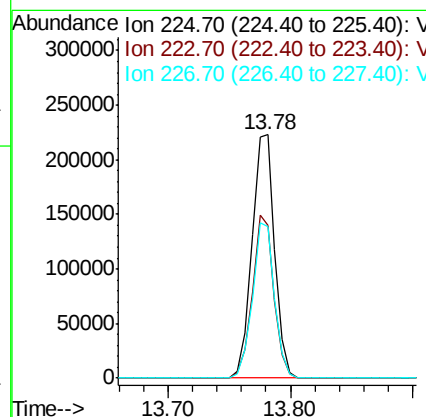
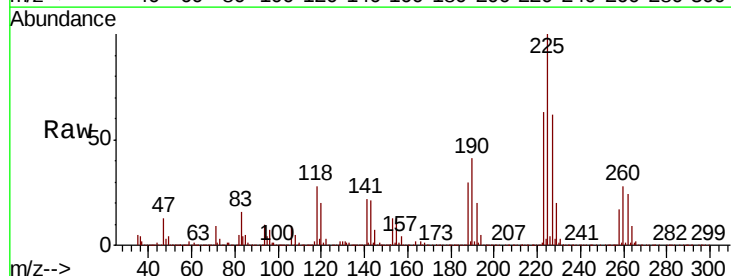
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

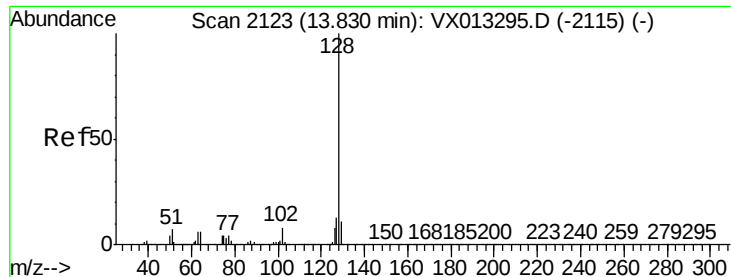
Tot Ion:180 Resp: 576468
 Ion Ratio Lower Upper
 180 100
 182 96.6 48.4 145.0
 145 28.0 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 55.476 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX013434.D
 Acq: 15 Nov 2019 10:07

Tgt Ion:225 Resp: 287139
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.9 95.7
 227 62.0 31.9 95.9





#95

Naphthalene

Concen: 52.772 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Instrument :

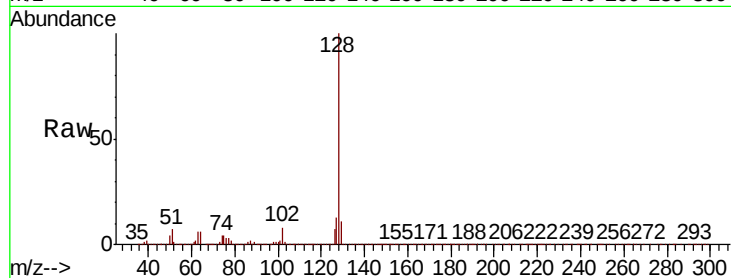
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:128 Resp: 1751704

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	11.1	8.5	12.7

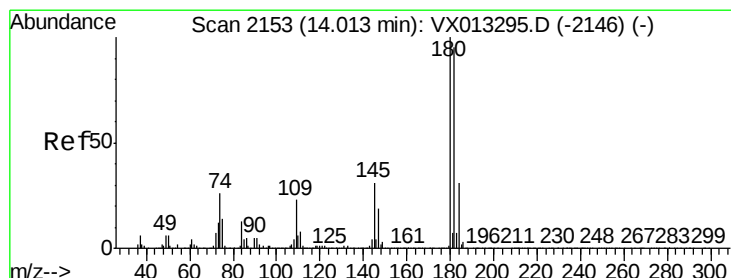
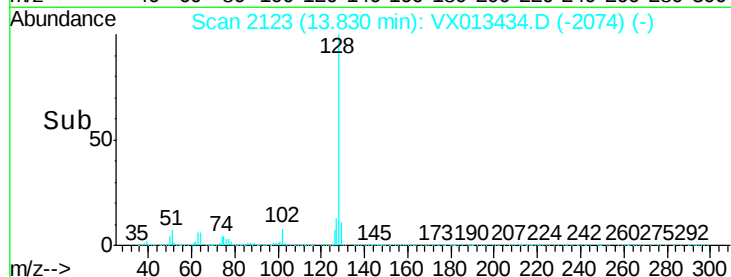
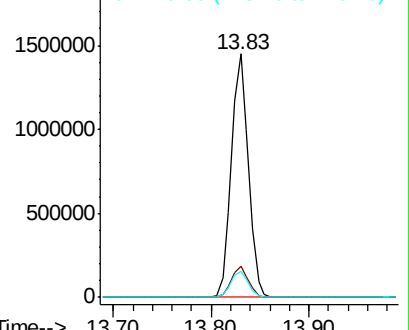


Abundance

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: 53.596 ug/l

RT: 14.01 min Scan# 2153

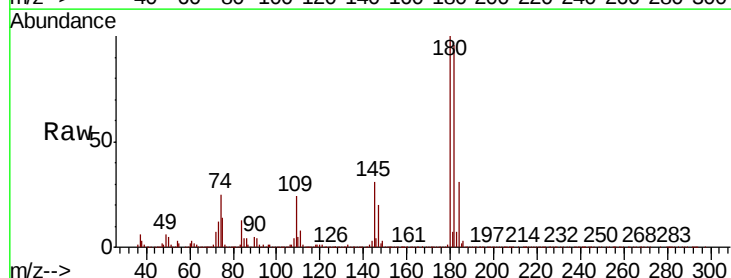
Delta R.T. -0.00 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Tgt Ion:180 Resp: 568657

Ion	Ratio	Lower	Upper
180	100		
182	96.3	48.0	144.2
145	29.9	15.4	46.4



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

