

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX110419\
 Data File : VX013321.D
 Acq On : 04 Nov 2019 12:51
 Operator : JC/SP
 Sample : VX1104WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1104WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/5/2019 10:37:06 AM

Quant Time: Nov 05 00:48:14 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	765024	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1126018	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1019923	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	510379	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	423945	46.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.56%	
35) Dibromofluoromethane	5.48	113	340842	48.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.52%	
50) Toluene-d8	8.71	98	1317506	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	
62) 4-Bromofluorobenzene	11.13	95	462618	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	177974	20.191	ug/l	99
3) Chloromethane	1.31	50	189341	19.808	ug/l	96
4) Vinyl Chloride	1.40	62	217989	20.031	ug/l	99
5) Bromomethane	1.62	94	129425	17.066	ug/l	98
6) Chloroethane	1.72	64	116993	18.045	ug/l	99
7) Trichlorofluoromethane	1.92	101	238552	18.554	ug/l	98
8) Diethyl Ether	2.17	74	106613	18.752	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	144262	20.131	ug/l	99
10) Methyl Iodide	2.50	142	154220	17.383	ug/l	98
11) Tert butyl alcohol	3.02	59	198864	83.248	ug/l	97
12) 1,1-Dichloroethene	2.36	96	137674	19.619	ug/l	93
13) Acrolein	2.28	56	96628	74.635	ug/l	97
14) Allyl chloride	2.72	41	253862	19.910	ug/l	99
15) Acrylonitrile	3.12	53	426348	95.547	ug/l	100
16) Acetone	2.42	43	431748	95.506	ug/l	98
17) Carbon Disulfide	2.56	76	376424	20.041	ug/l	99
18) Methyl Acetate	2.76	43	237561	19.035	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	470304	20.094	ug/l	98
20) Methylene Chloride	2.84	84	158909	19.025	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	150420	19.687	ug/l	98
22) Diisopropyl ether	3.84	45	494406	20.085	ug/l	95
23) Vinyl Acetate	3.80	43	2088176	99.135	ug/l	99
24) 1,1-Dichloroethane	3.68	63	270640	19.654	ug/l	100
25) 2-Butanone	4.65	43	636572	95.987	ug/l	97
26) 2,2-Dichloropropane	4.57	77	225459	20.581	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	172321	20.133	ug/l	99
28) Bromochloromethane	5.00	49	76330	19.522	ug/l	97
29) Tetrahydrofuran	5.11	42	380970	93.219	ug/l	99
30) Chloroform	5.20	83	263019	19.343	ug/l	96
31) Cyclohexane	5.57	56	247391	19.965	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	229637	19.624	ug/l	98
36) 1,1-Dichloropropene	5.79	75	203759	21.093	ug/l	99
37) Ethyl Acetate	4.81	43	228693	19.159	ug/l	99
38) Carbon Tetrachloride	5.77	117	195023	20.646	ug/l	98

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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	251360	20.883	ug/l	97
40) Benzene	6.13	78	608992	20.239	ug/l	98
41) Methacrylonitrile	5.02	41	126822	18.956	ug/l	98
42) 1,2-Dichloroethane	6.18	62	218470	20.129	ug/l	99
43) Isopropyl Acetate	6.43	43	371004	19.960	ug/l	100
44) Trichloroethene	7.20	130	165305	19.958	ug/l	99
45) 1,2-Dichloropropane	7.50	63	153283	19.993	ug/l	100
46) Dibromomethane	7.65	93	104252	19.915	ug/l	99
47) Bromodichloromethane	7.89	83	200884	20.351	ug/l	99
48) Methyl methacrylate	7.76	41	187467	20.205	ug/l	100
49) 1,4-Dioxane	7.73	88	78514	369.511	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	1193814	97.896	ug/l	100
52) Toluene	8.78	92	380992	20.429	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	222407	20.605	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	250297	20.730	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	156615	20.260	ug/l	98
56) Ethyl methacrylate	9.17	69	244019	19.476	ug/l	99
57) 1,3-Dichloropropane	9.37	76	264864	20.185	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	514767	97.393	ug/l	100
59) 2-Hexanone	9.48	43	939324	99.676	ug/l	99
60) Dibromochloromethane	9.57	129	161328	20.406	ug/l	100
61) 1,2-Dibromoethane	9.67	107	164585	20.051	ug/l	99
64) Tetrachloroethene	9.33	164	147151	20.154	ug/l	97
65) Chlorobenzene	10.13	112	415465	20.121	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.21	131	155953	20.570	ug/l	98
67) Ethyl Benzene	10.25	91	724113	20.319	ug/l	99
68) m/p-Xylenes	10.35	106	560556	41.591	ug/l	99
69) o-Xylene	10.70	106	267449	20.269	ug/l	99
70) Styrene	10.71	104	457188	20.727	ug/l	99
71) Bromoform	10.85	173	123184	19.603	ug/l #	100
73) Isopropylbenzene	11.01	105	719301	21.257	ug/l	100
74) N-amyl acetate	10.89	43	323278	20.602	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	244501	19.806	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	199731m	19.267	ug/l	
77) Bromobenzene	11.25	156	189093	20.961	ug/l	98
78) n-propylbenzene	11.35	91	817643	21.691	ug/l	99
79) 2-Chlorotoluene	11.42	91	482843	21.260	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	600124	21.292	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	77359	19.208	ug/l	96
82) 4-Chlorotoluene	11.51	91	548691	20.639	ug/l	100
83) tert-Butylbenzene	11.76	119	601872	21.213	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	617669	21.845	ug/l	100
85) sec-Butylbenzene	11.94	105	695785	21.337	ug/l	99
86) p-Isopropyltoluene	12.06	119	648874	21.609	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	333466	20.738	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	328415	20.046	ug/l	98
89) n-Butylbenzene	12.39	91	558071	21.300	ug/l	99
90) Hexachloroethane	12.59	117	110443	20.644	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	325893	20.275	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	51875	17.248	ug/l	97

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Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

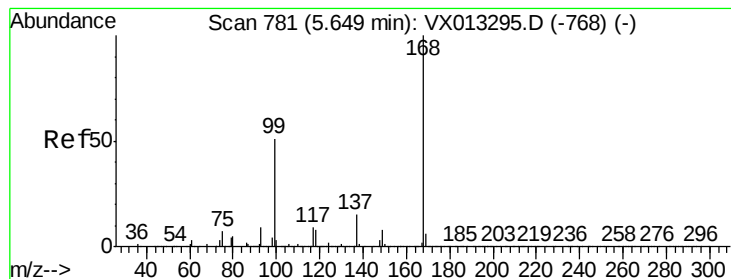
Manual Integrations
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QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	232618	20.747	ug/l	98
94) Hexachlorobutadiene	13.78	225	114807	20.930	ug/l	98
95) Naphthalene	13.83	128	713231	20.275	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	231652	20.602	ug/l	99

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



#1

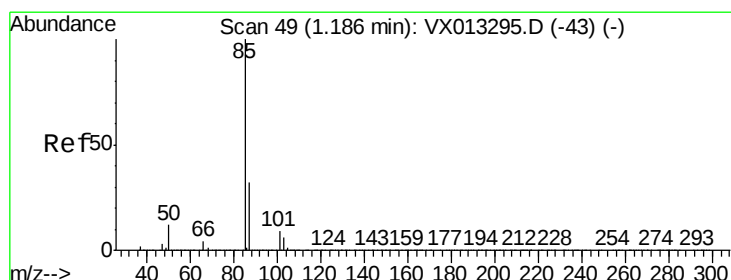
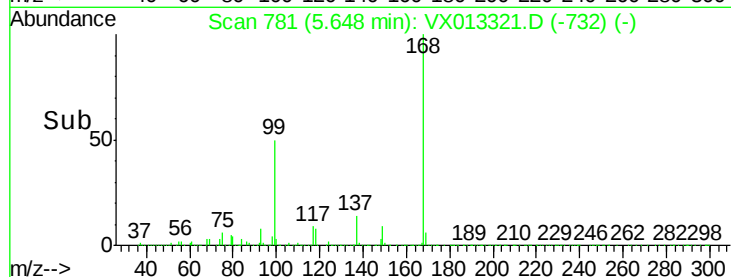
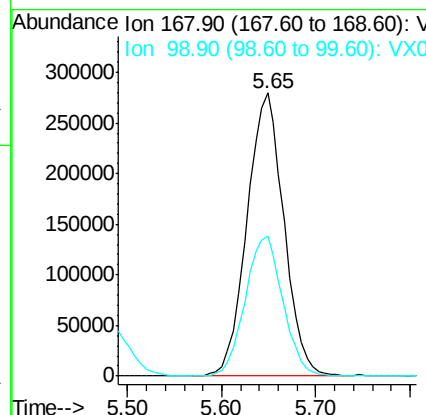
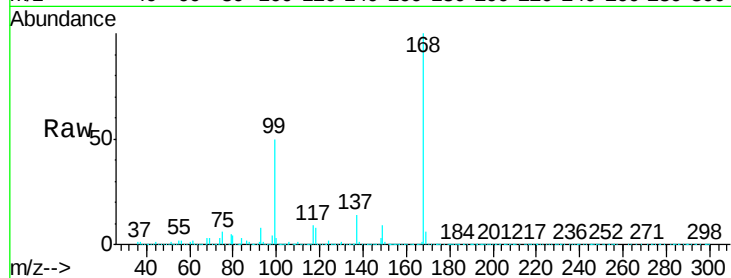
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.00 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

Tgt Ion	Ratio	Lower	Upper
168	100		
99	49.3	40.8	61.2

Manual Integrations
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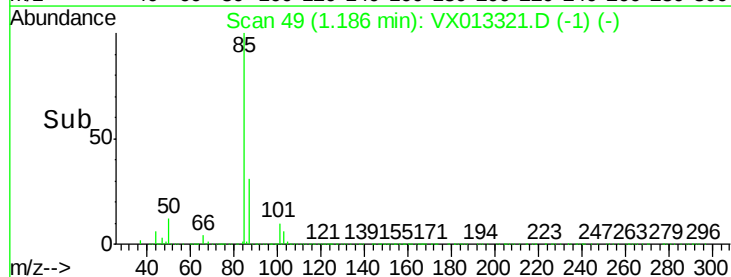
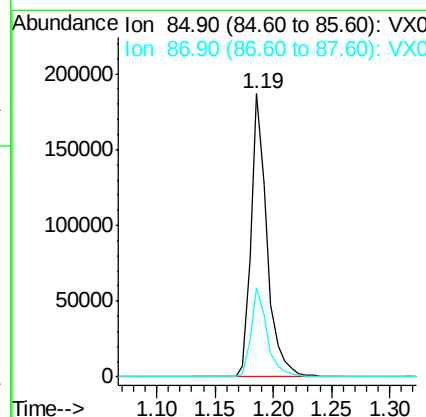
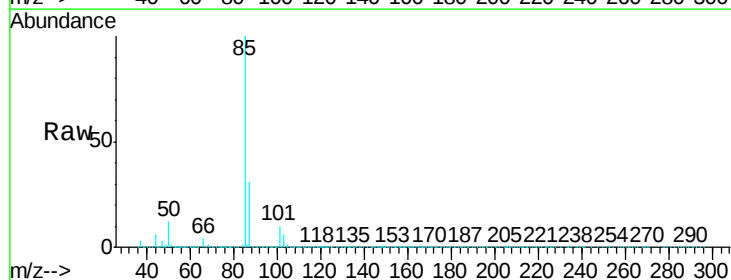
MMDadoda
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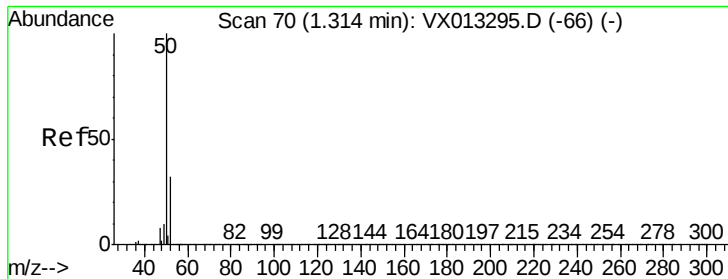


#2

Dichlorodifluoromethane
Concen: 20.191 ug/l
RT: 1.19 min Scan# 49
Delta R.T. -0.00 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.4	15.9	47.6





#3

Chloromethane

Concen: 19.808 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

VX1104WBS01

Tgt Ion: 50 Resp: 189341

Ion Ratio Lower Upper

50 100

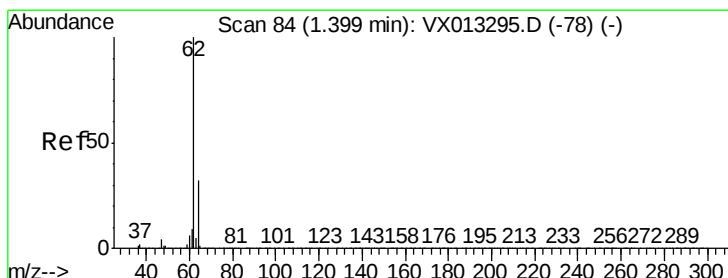
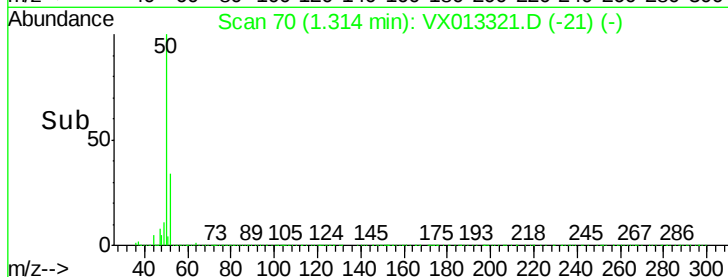
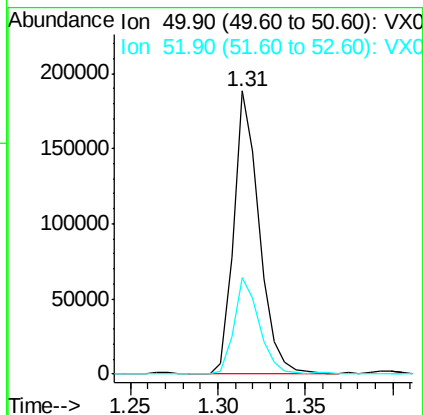
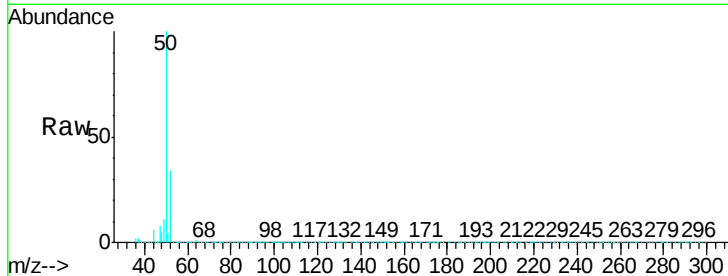
52 34.1 25.5 38.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.031 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013321.D

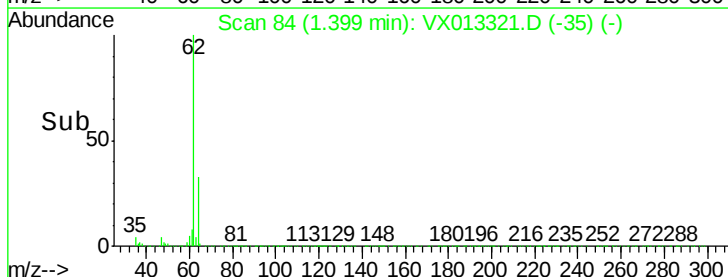
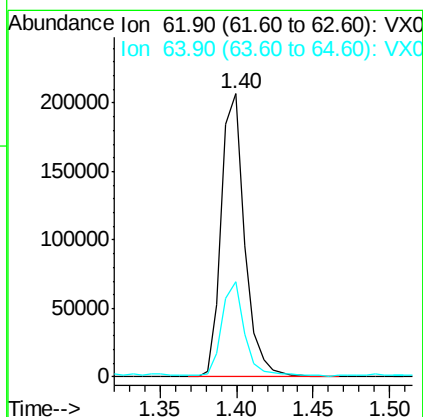
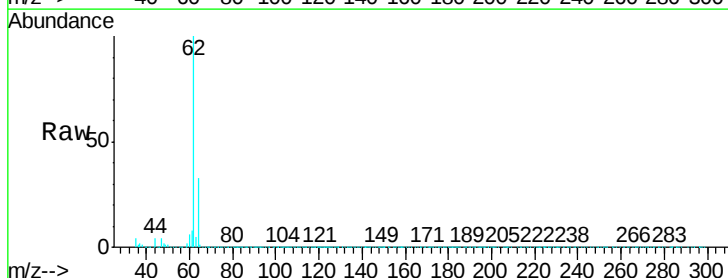
Acq: 04 Nov 2019 12:51

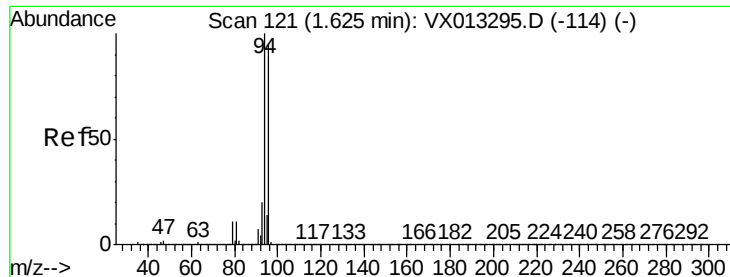
Tgt Ion: 62 Resp: 217989

Ion Ratio Lower Upper

62 100

64 32.8 25.6 38.4





#5

Bromomethane

Concen: 17.066 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

VX1104WBS01

Tgt Ion: 94 Resp: 129425

Ion Ratio Lower Upper

94 100

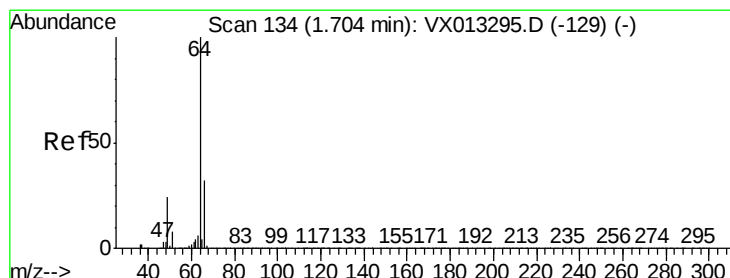
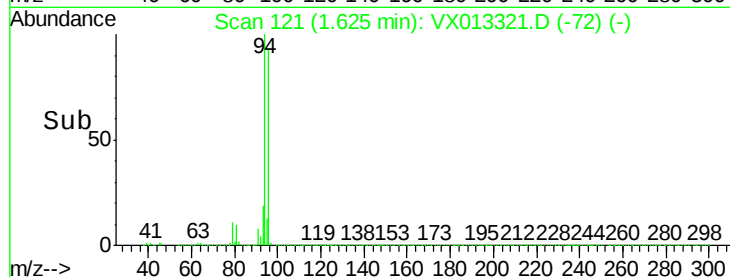
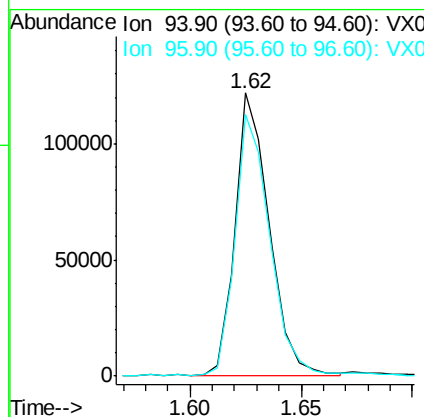
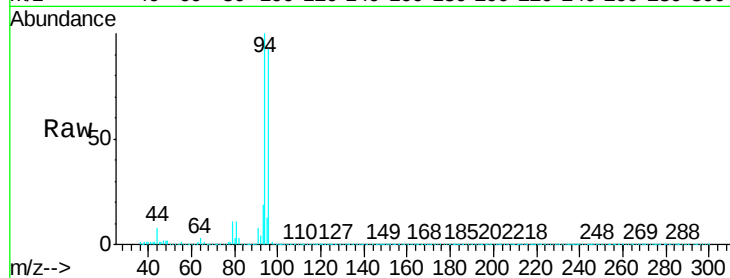
96 92.5 75.8 113.8

Manual Integrations

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#6

Chloroethane

Concen: 18.045 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013321.D

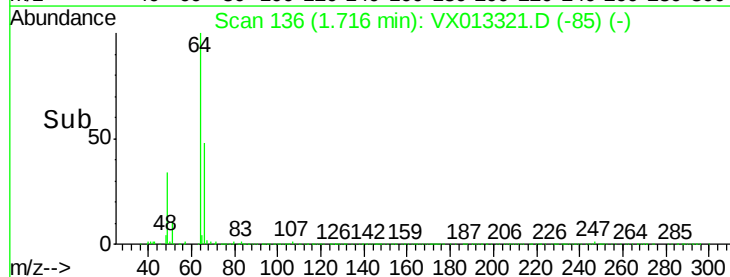
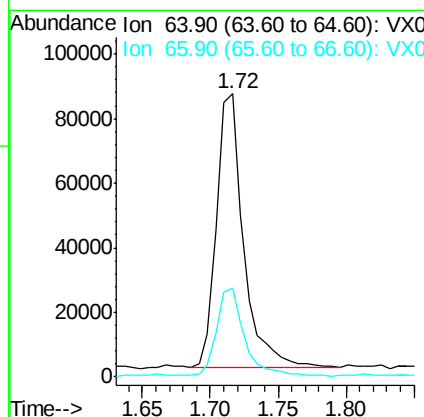
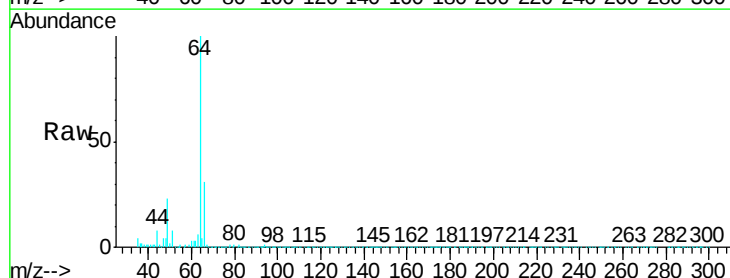
Acq: 04 Nov 2019 12:51

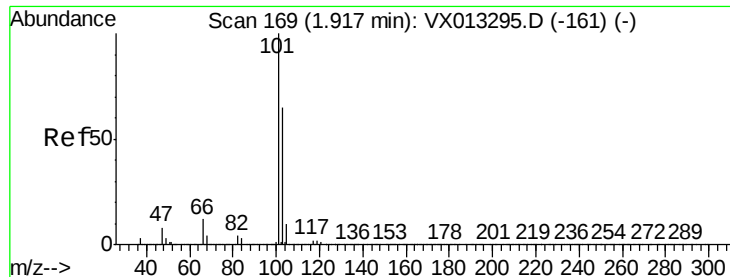
Tgt Ion: 64 Resp: 116993

Ion Ratio Lower Upper

64 100

66 31.7 25.6 38.4





#7

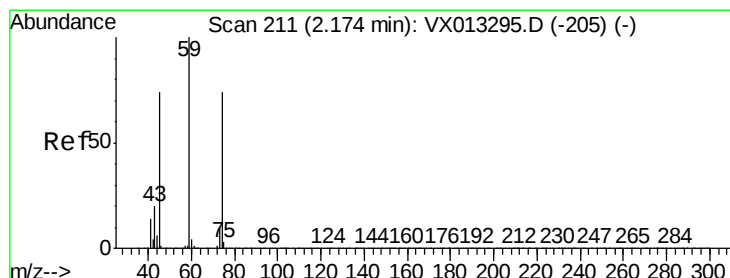
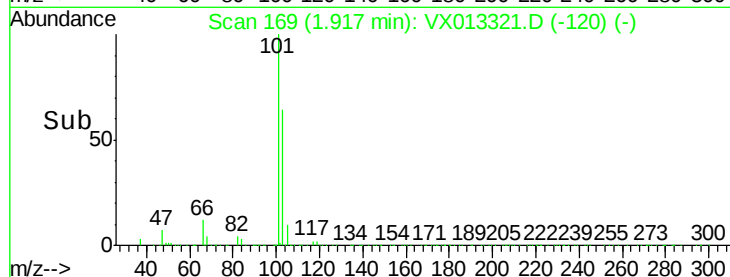
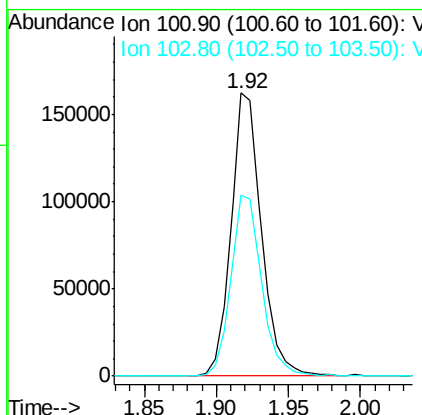
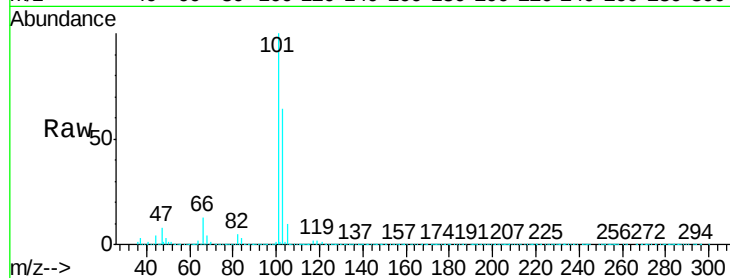
Trichlorofluoromethane
Concen: 18.554 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

Instrument :
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ClientSampleId :
VX1104WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	238552		
103	63.8	52.3	78.5	

Manual Integrations
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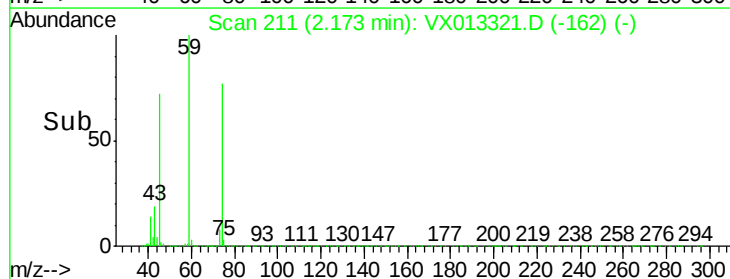
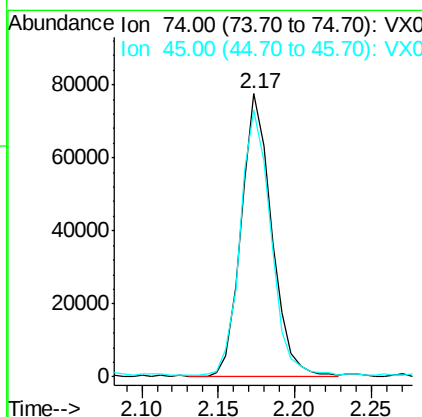
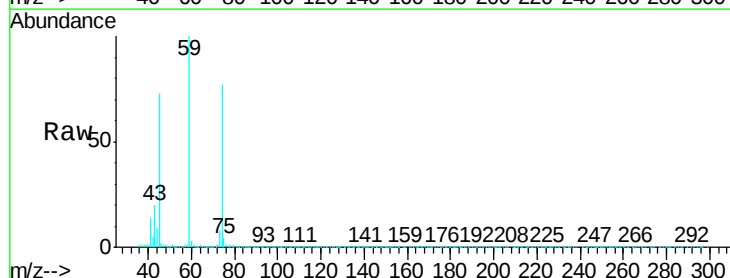
MMDadoda
11/5/2019 10:37:06 AM

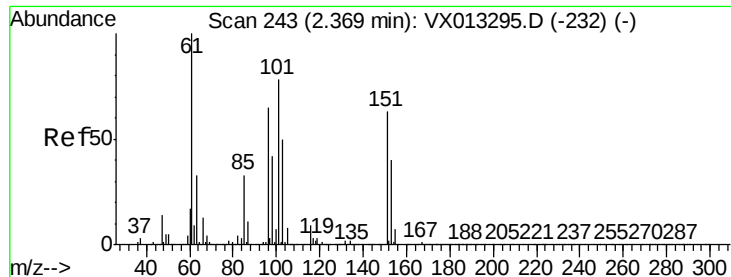


#8

Diethyl Ether
Concen: 18.752 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	106613		
45	95.1	48.5	145.6	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.131 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

Instrument :

MSVOA_X

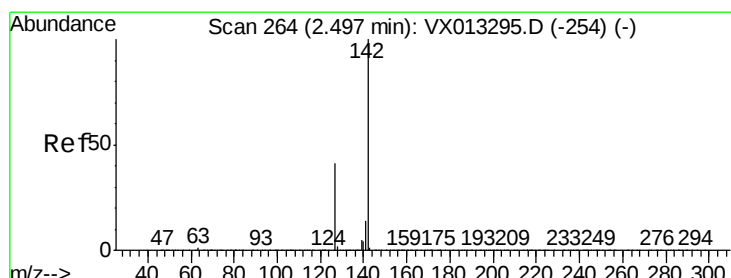
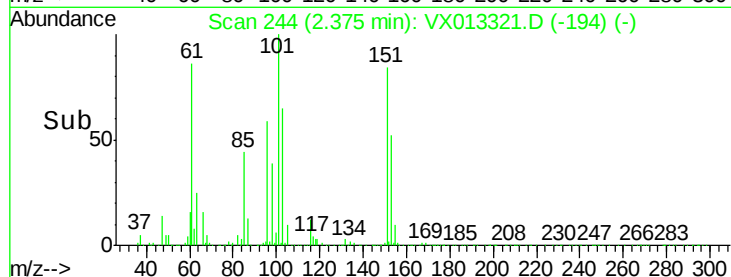
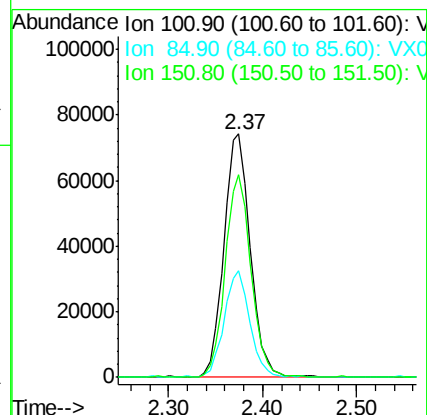
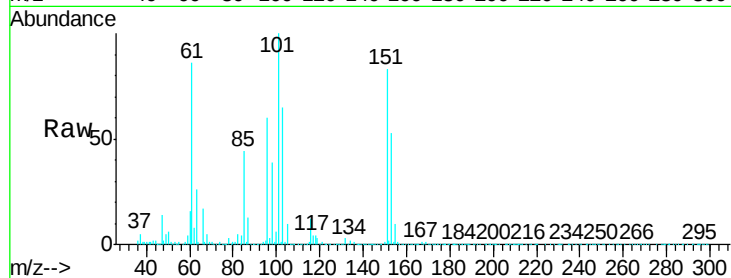
ClientSampleId :

VX1104WBS01

Tgt Ion:	101	Resp:	144262
Ion Ratio	Lower	Upper	
101	100		
85	42.5	34.4	51.6
151	81.3	66.4	99.6

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#10

Methyl Iodide

Concen: 17.383 ug/l

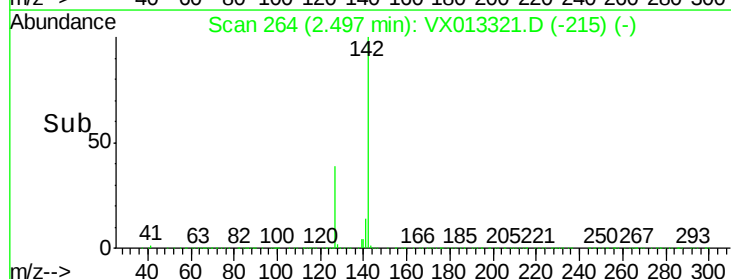
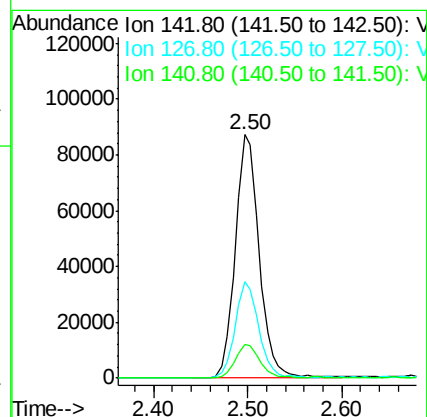
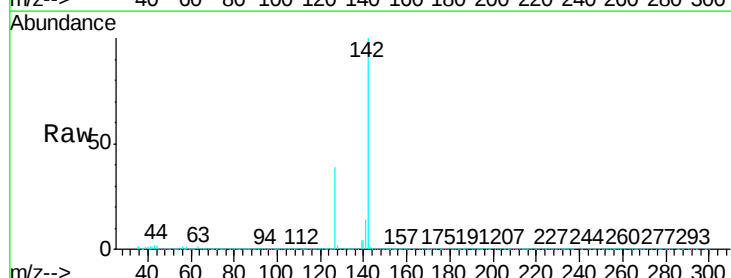
RT: 2.50 min Scan# 264

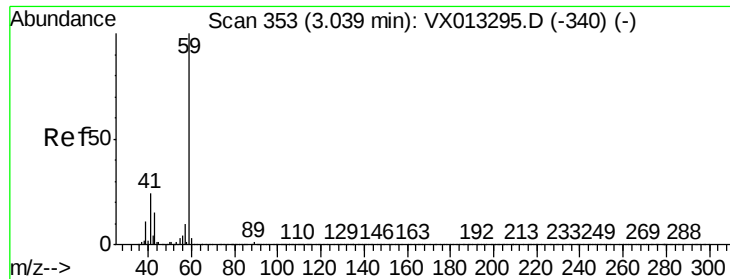
Delta R.T. -0.00 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

Tgt Ion:	142	Resp:	154220
Ion Ratio	Lower	Upper	
142	100		
127	38.9	32.6	49.0
141	14.2	11.6	17.4





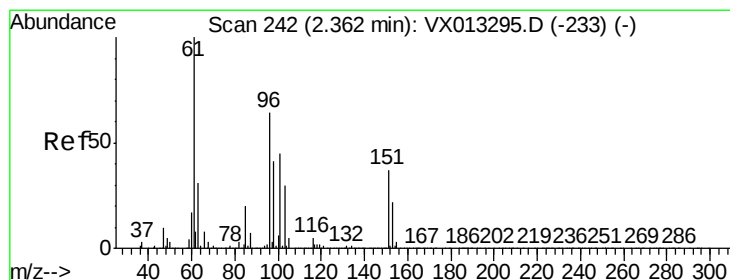
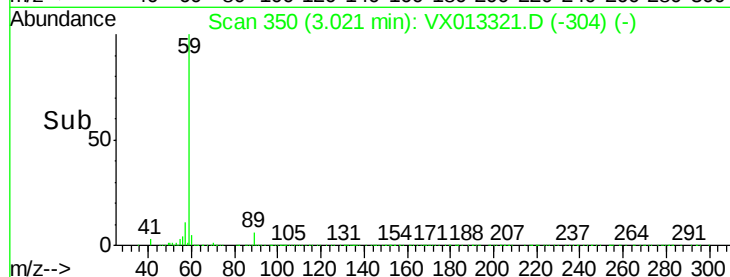
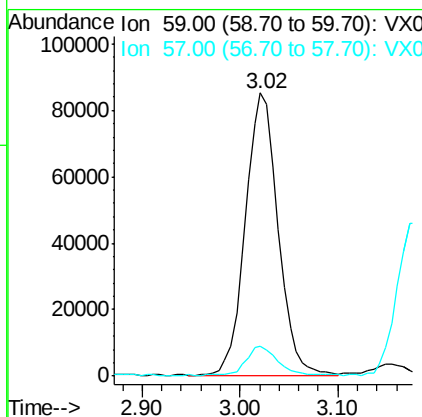
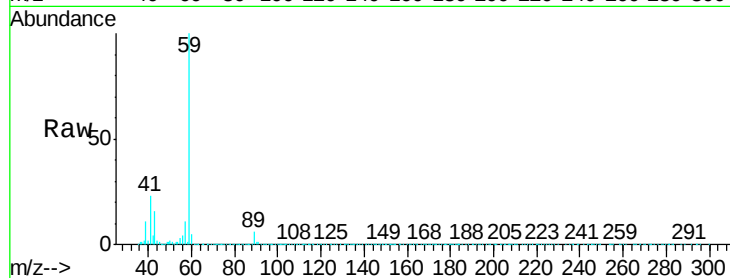
#11
Tert butyl alcohol
Concen: 83.248 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.02 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

Tgt Ion	Ratio	Lower	Upper
59	100		
57	11.1	8.0	12.0

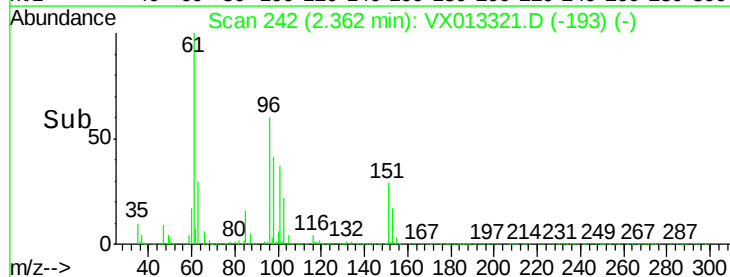
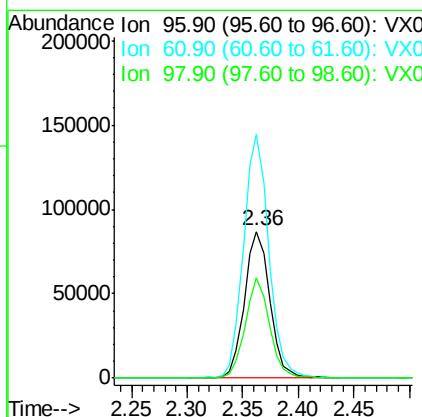
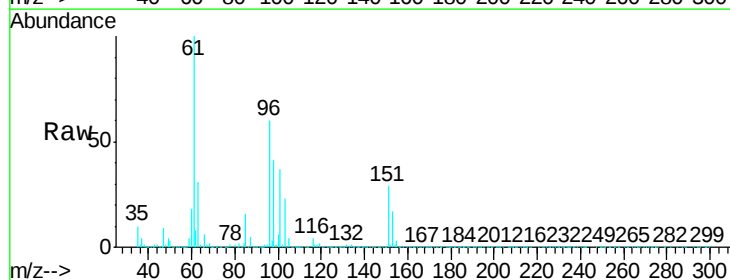
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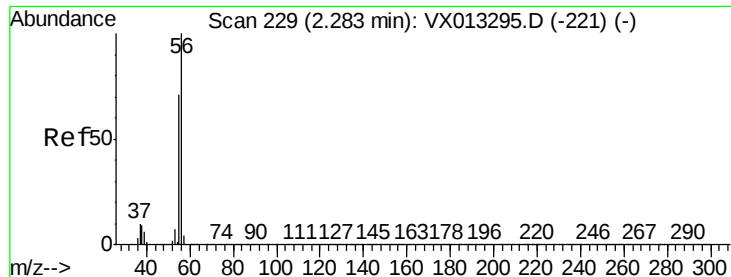
MMDadoda
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#12
1,1-Dichloroethene
Concen: 19.619 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

Tgt Ion	Ratio	Lower	Upper
96	100		
61	165.7	125.0	187.6
98	68.2	50.7	76.1





#13

Acrolein

Concen: 74.635 ug/l

RT: 2.28 min Scan# 228

Delta R.T. -0.01 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

VX1104WBS01

Tgt Ion: 56 Resp: 96628

Ion Ratio Lower Upper

56 100

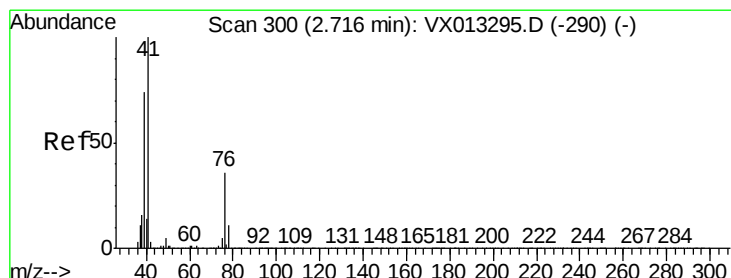
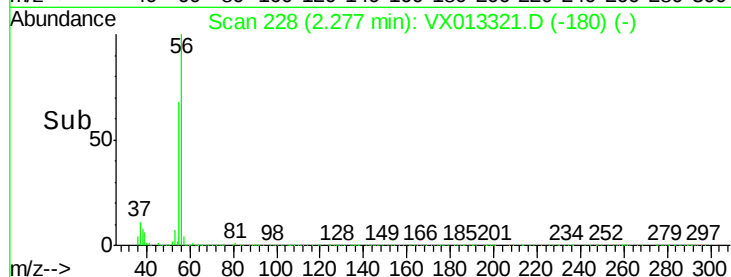
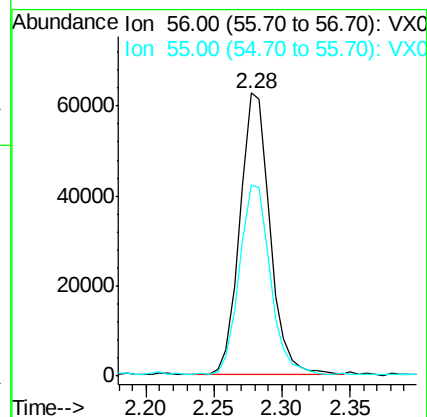
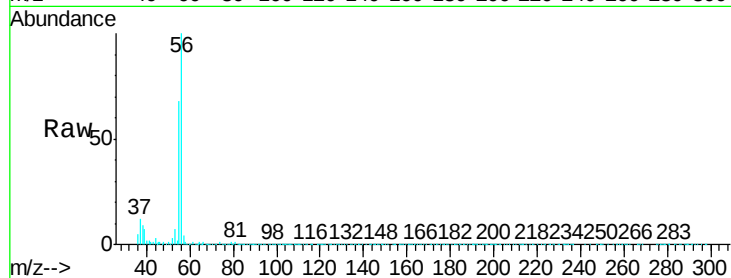
55 69.5 57.4 86.0

Manual Integrations

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#14

Allyl chloride

Concen: 19.910 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

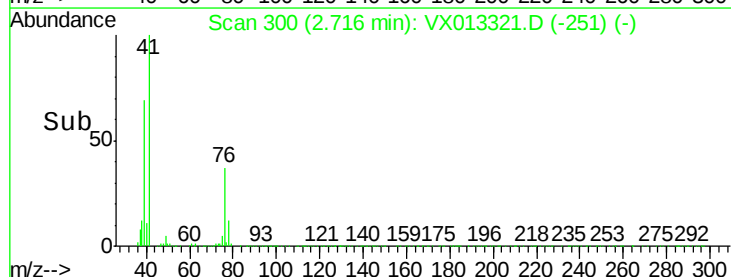
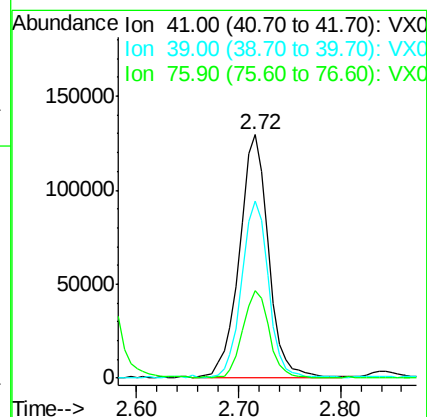
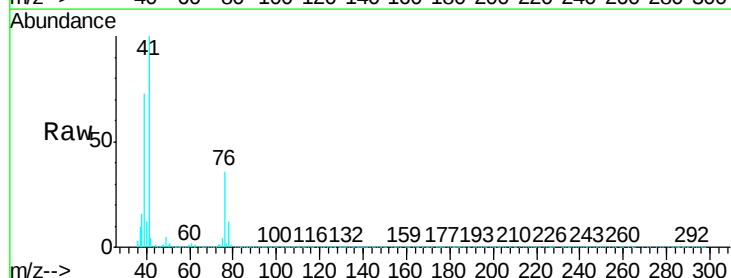
Tgt Ion: 41 Resp: 253862

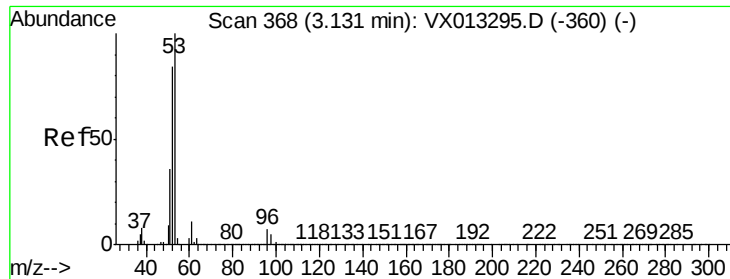
Ion Ratio Lower Upper

41 100

39 68.4 55.8 83.8

76 32.9 26.4 39.6





#15

Acrylonitrile

Concen: 95.547 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

Instrument :

MSVOA_X

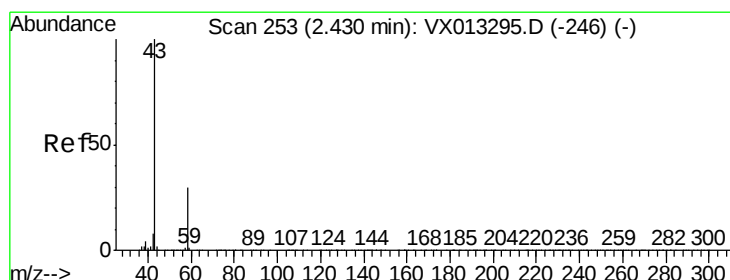
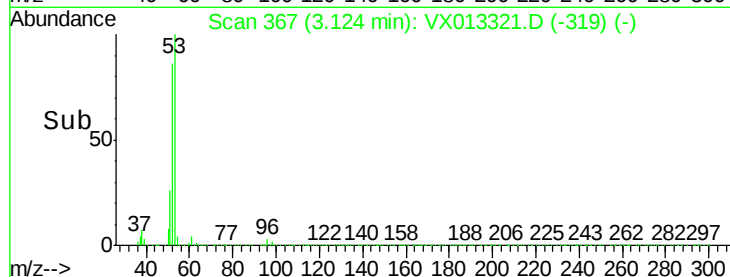
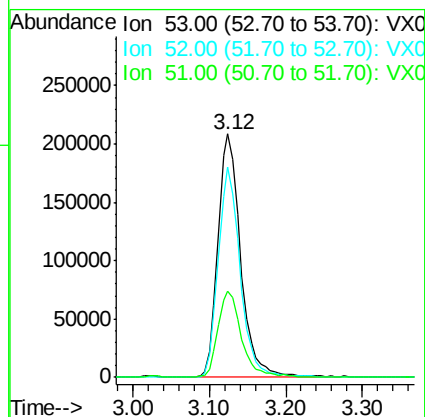
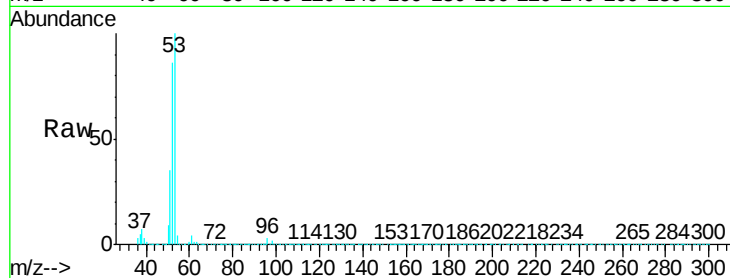
ClientSampleId :

VX1104WBS01

Tgt Ion:	53	Resp:	426348
Ion	Ratio	Lower	Upper
53	100		
52	83.9	67.4	101.0
51	36.4	29.4	44.2

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#16

Acetone

Concen: 95.506 ug/l

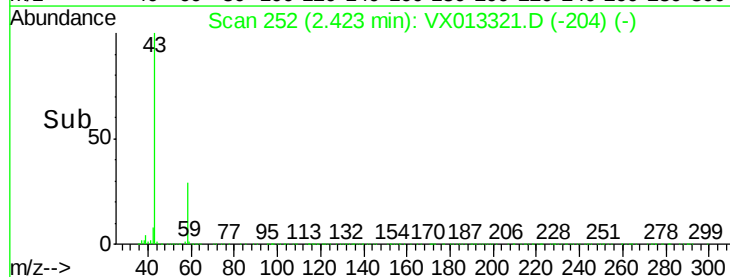
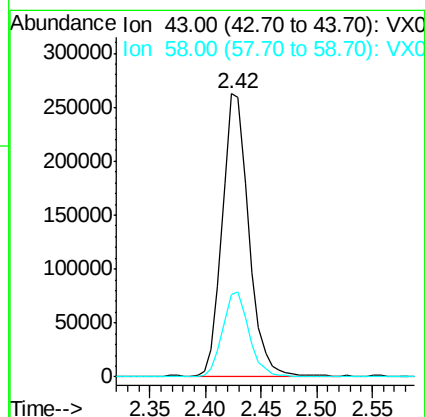
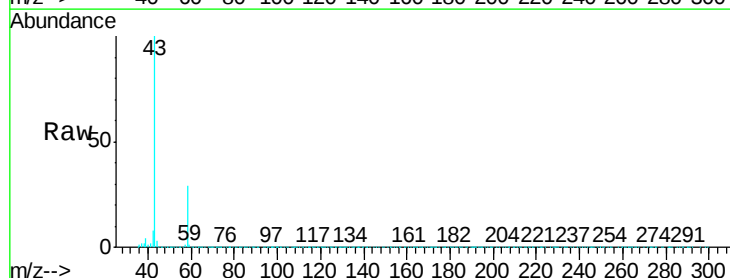
RT: 2.42 min Scan# 252

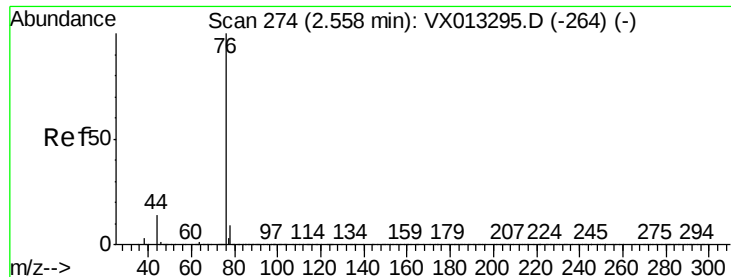
Delta R.T. -0.01 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

Tgt Ion:	43	Resp:	431748
Ion	Ratio	Lower	Upper
43	100		
58	29.1	24.3	36.5





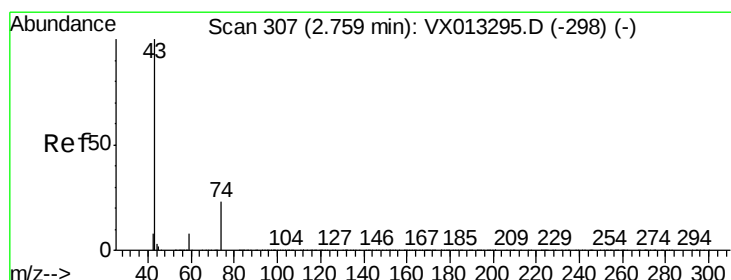
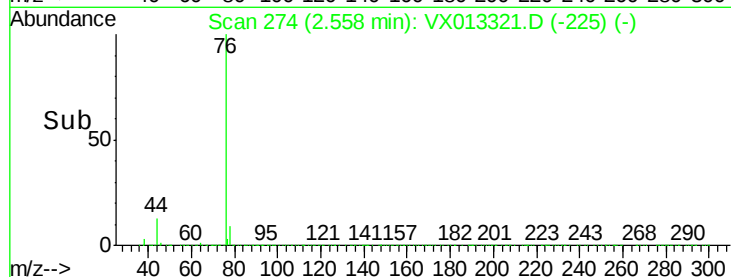
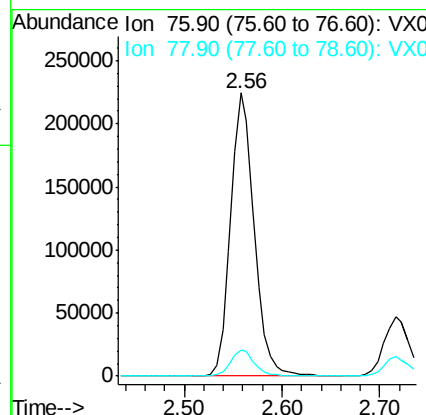
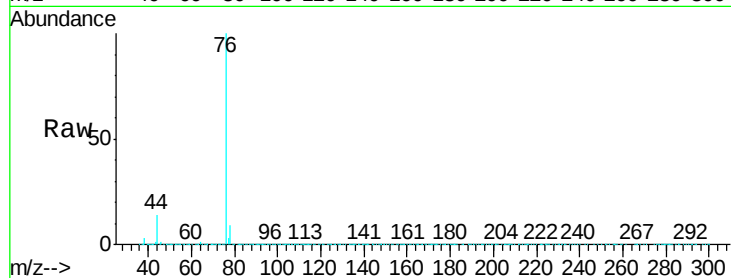
#17
Carbon Disulfide
Concen: 20.041 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.00 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

Instrument :
MSVOA_X
ClientSampled :
VX1104WBS01

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.0	10.6

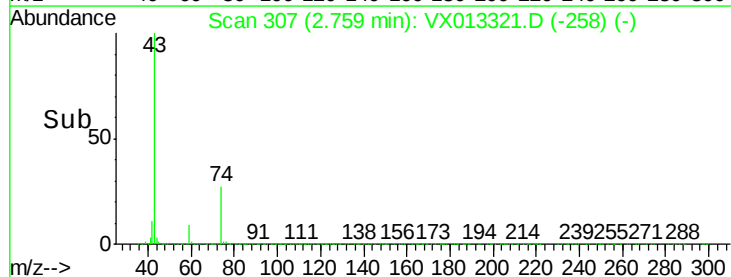
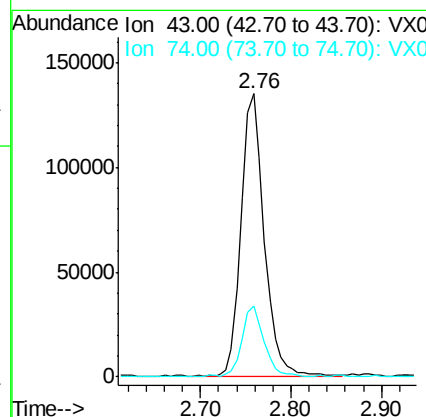
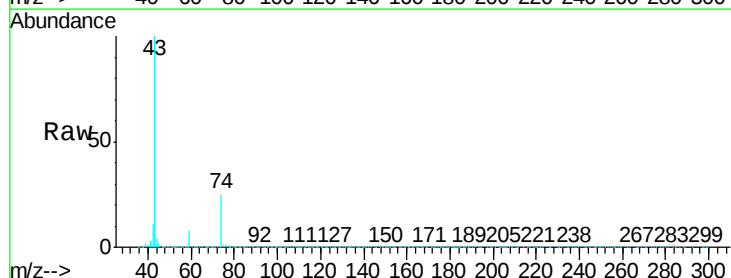
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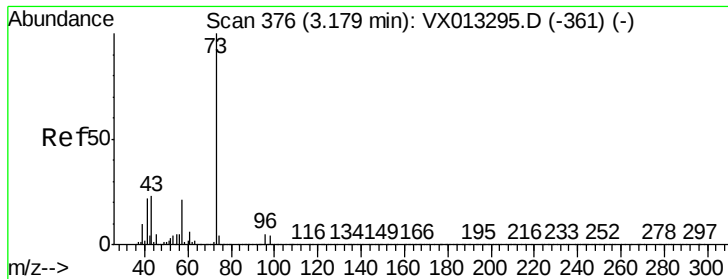
MMDadoda
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#18
Methyl Acetate
Concen: 19.035 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.00 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.4	19.0	28.6





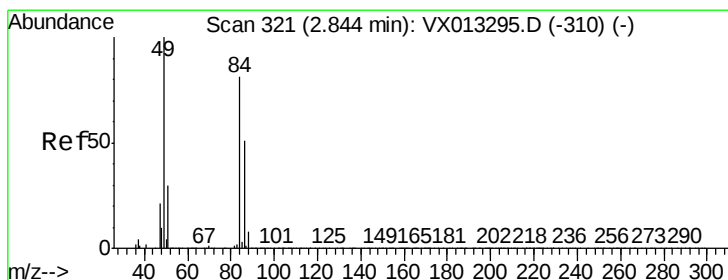
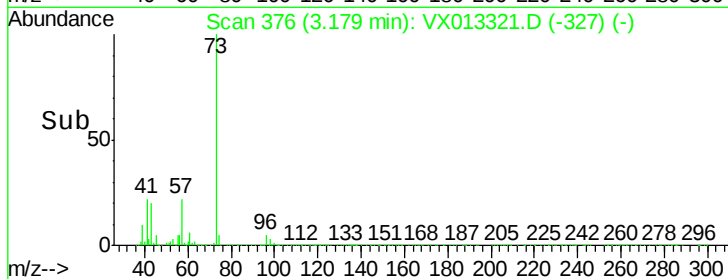
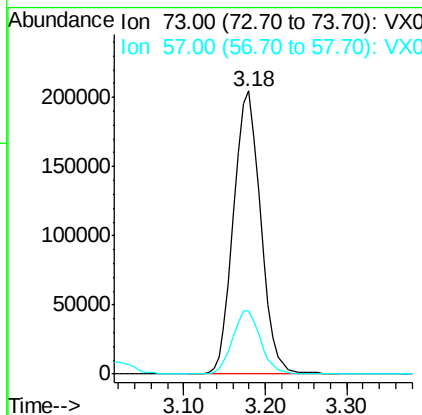
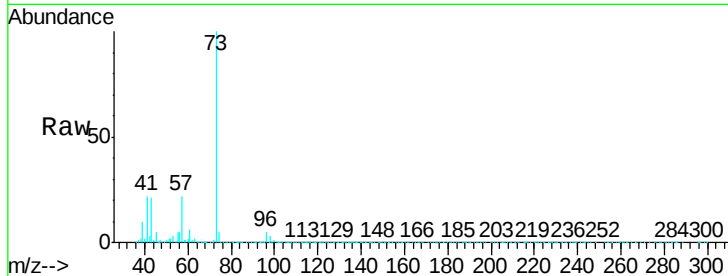
#19
Methyl tert-butyl Ether
Concen: 20.094 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

Tgt Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.1	25.7

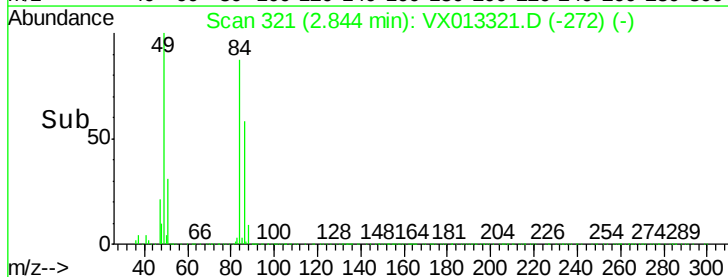
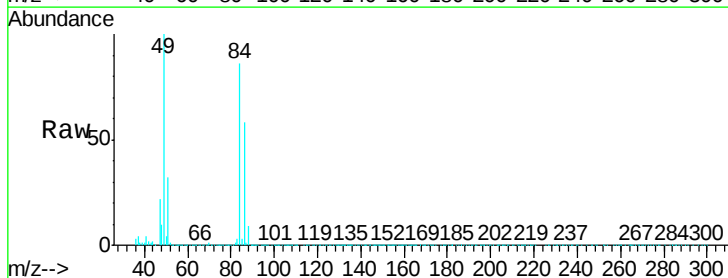
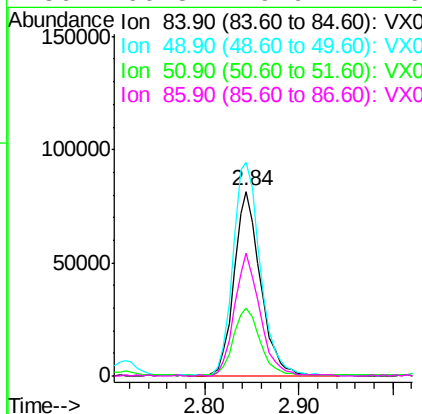
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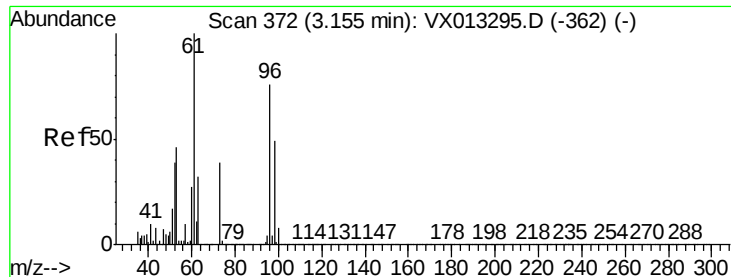
MMDadoda
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#20
Methylene Chloride
Concen: 19.025 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

Tgt Ion	Ratio	Lower	Upper
84	100		
49	115.7	98.2	147.4
51	36.4	29.9	44.9
86	66.8	49.9	74.9





#21

trans-1,2-Dichloroethene

Concen: 19.687 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

Instrument :

MSVOA_X

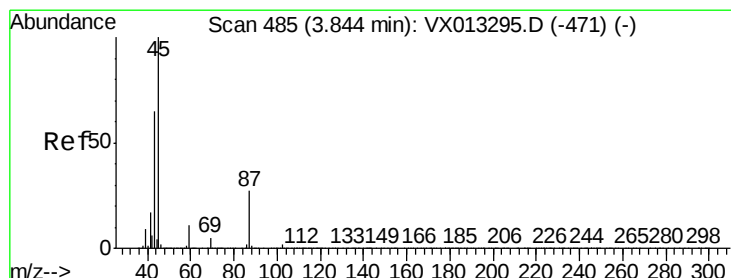
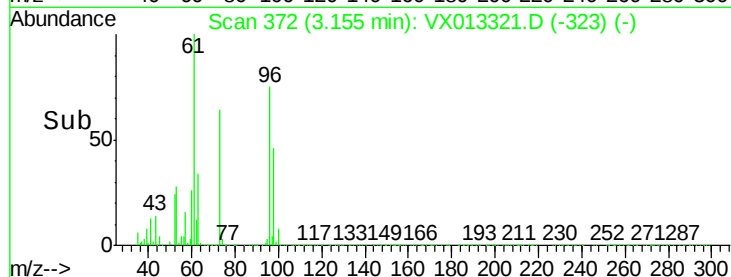
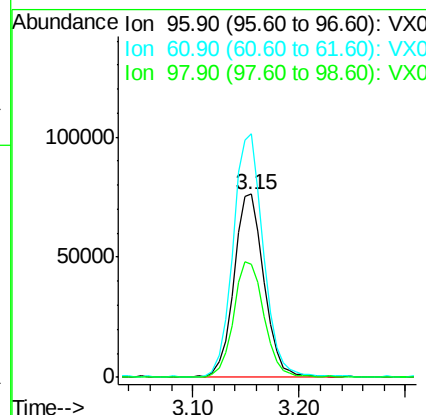
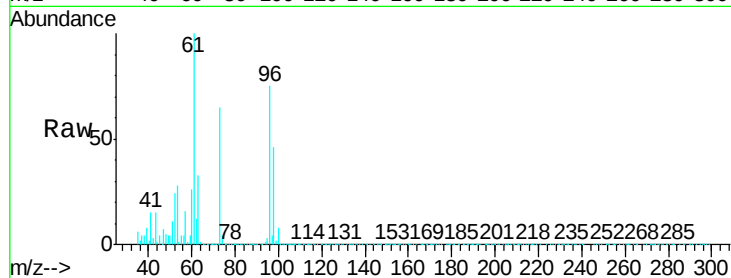
ClientSampled :

VX1104WBS01

Tgt Ion:	96	Resp:	150420
Ion	Ratio	Lower	Upper
96	100		
61	132.7	105.8	158.6
98	61.7	51.8	77.6

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#22

Diisopropyl ether

Concen: 20.085 ug/l

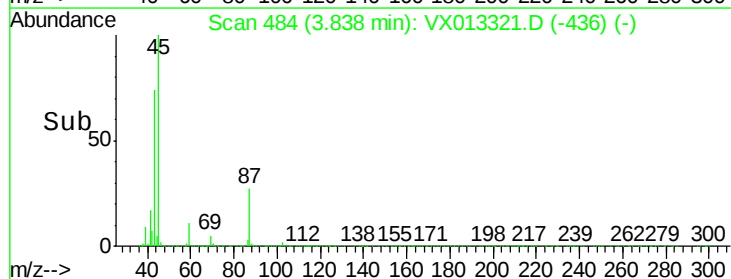
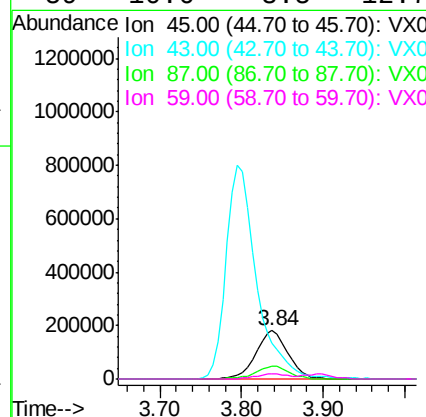
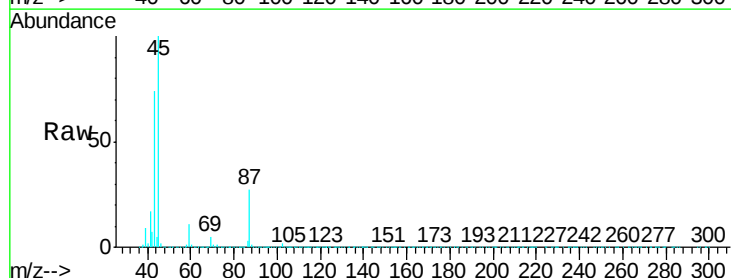
RT: 3.84 min Scan# 484

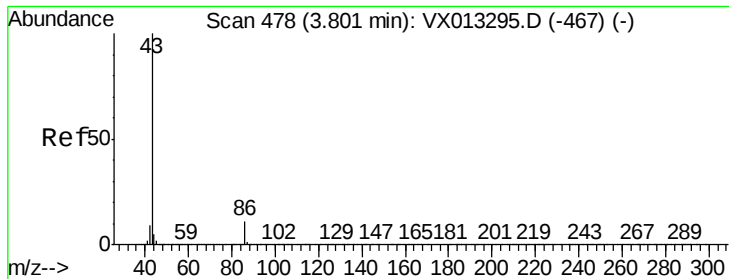
Delta R.T. -0.01 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

Tgt Ion:	45	Resp:	494406
Ion	Ratio	Lower	Upper
45	100		
43	74.1	54.2	81.2
87	27.1	21.8	32.8
59	10.6	8.5	12.7





#23

Vinyl Acetate

Concen: 99.135 ug/l

RT: 3.80 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

VX1104WBS01

Tgt Ion: 43 Resp: 2088176

Ion Ratio Lower Upper

43 100

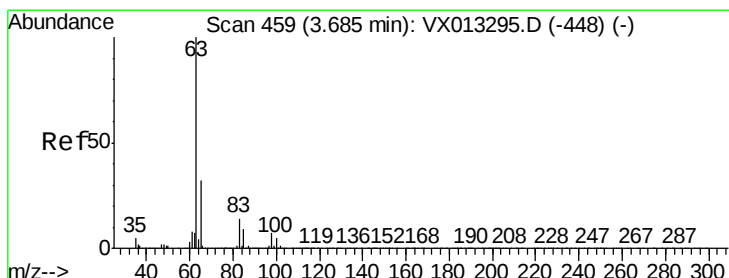
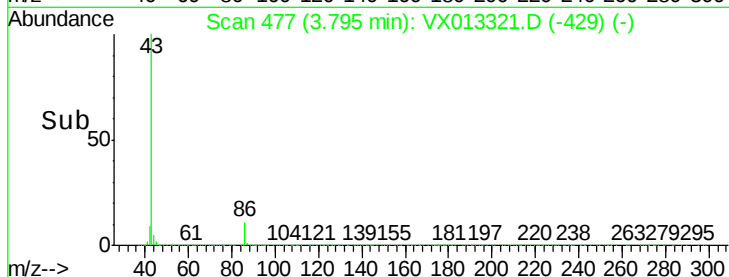
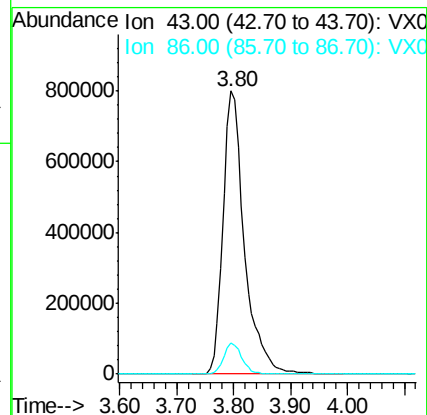
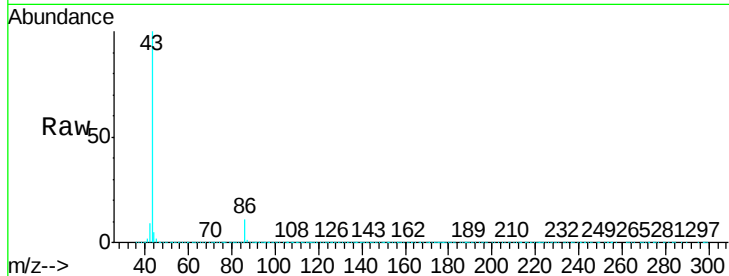
86 11.1 8.6 13.0

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#24

1,1-Dichloroethane

Concen: 19.654 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

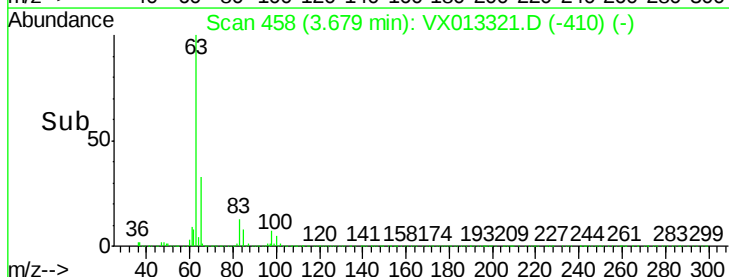
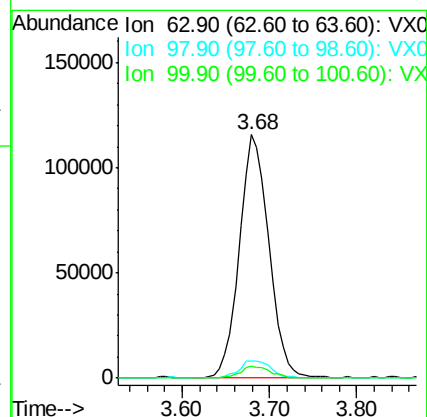
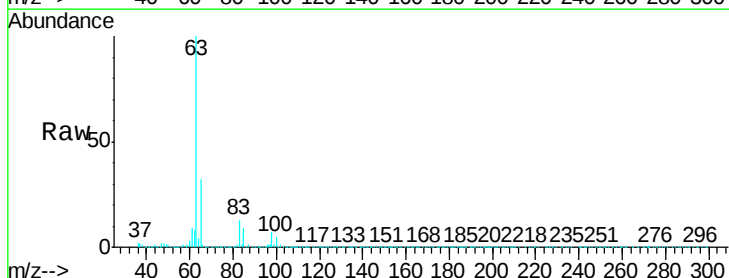
Tgt Ion: 63 Resp: 270640

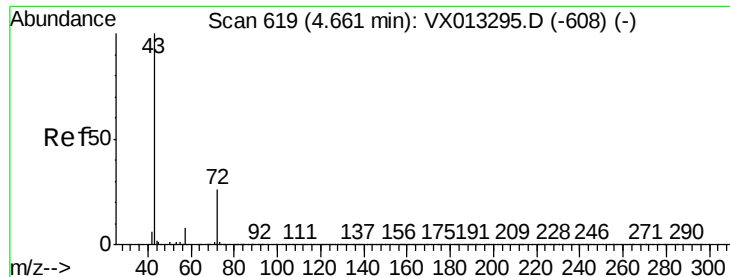
Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.4

100 4.9 2.4 7.2





#25

2-Butanone

Concen: 95.987 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

VX1104WBS01

Tgt Ion: 43 Resp: 636572

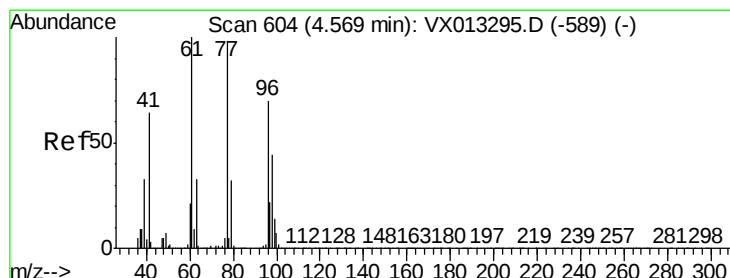
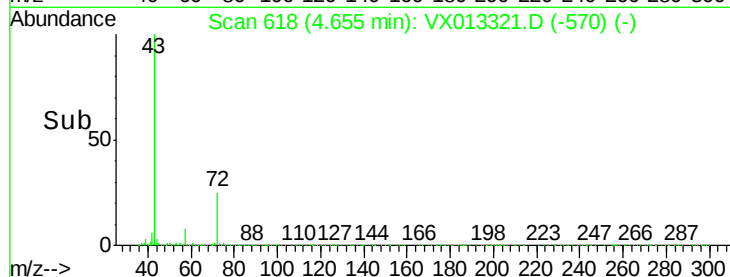
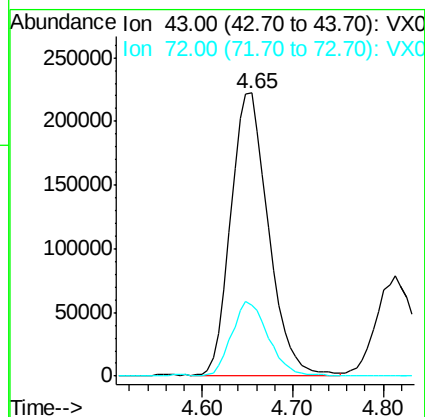
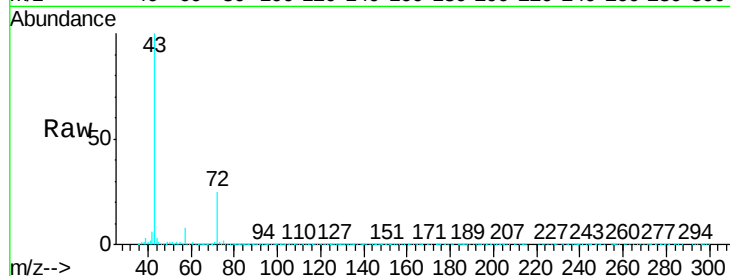
Ion Ratio Lower Upper

43 100

72 24.8 21.0 31.6

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#26

2,2-Dichloropropane

Concen: 20.581 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013321.D

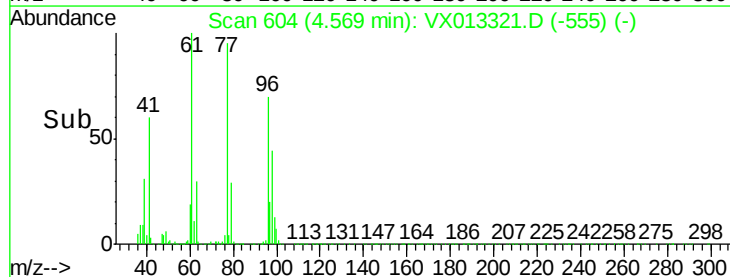
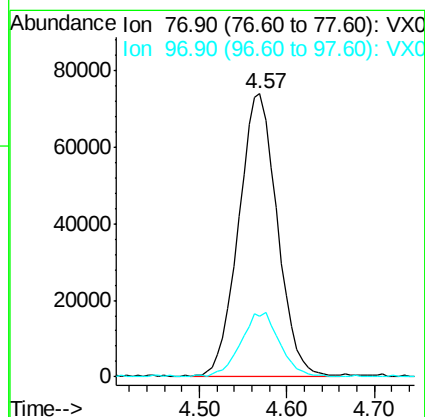
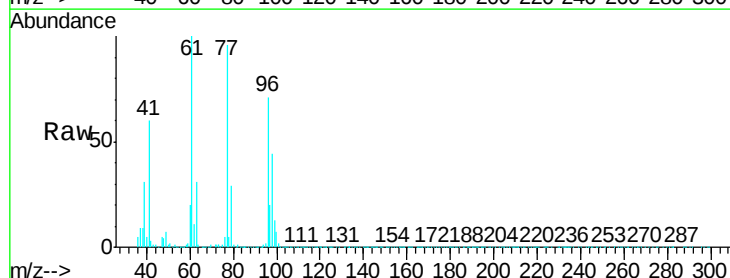
Acq: 04 Nov 2019 12:51

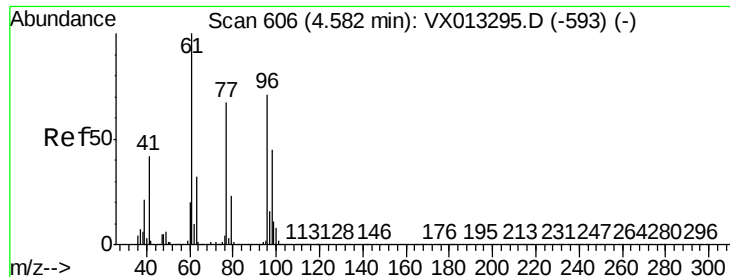
Tgt Ion: 77 Resp: 225459

Ion Ratio Lower Upper

77 100

97 23.0 11.3 33.8





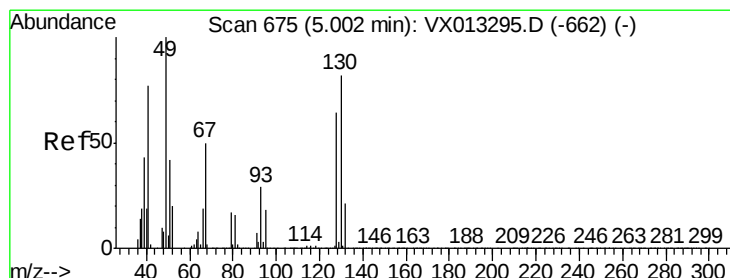
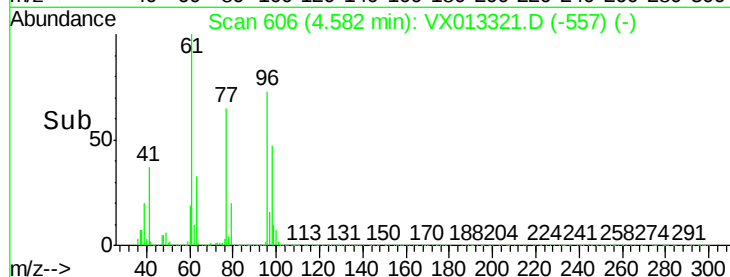
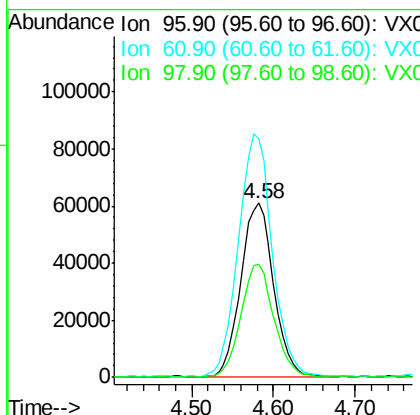
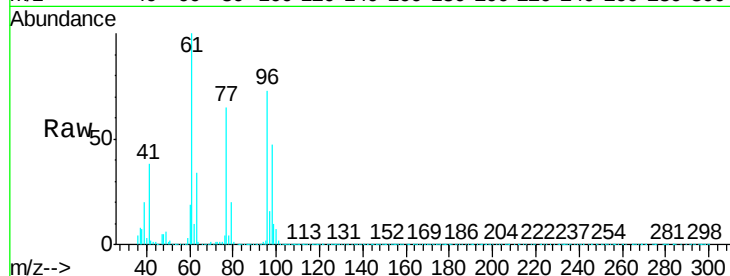
#27
 cis-1,2-Dichloroethene
 Concen: 20.133 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VX013321.D
 Acq: 04 Nov 2019 12:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1104WBS01

Tgt Ion	Ratio	Resp Lower	Upper
96	100		
61	142.7	0.0	288.0
98	64.3	0.0	129.6

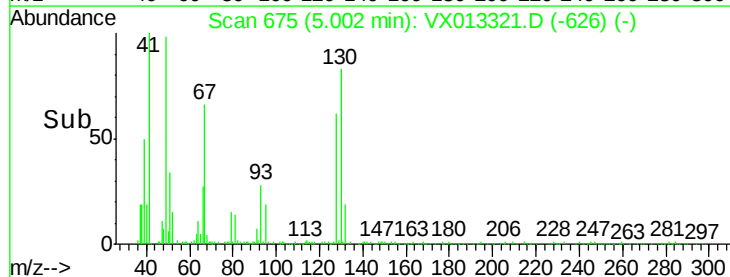
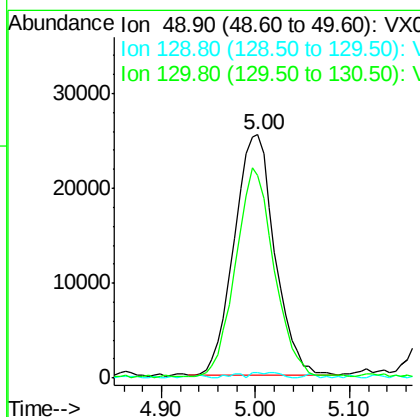
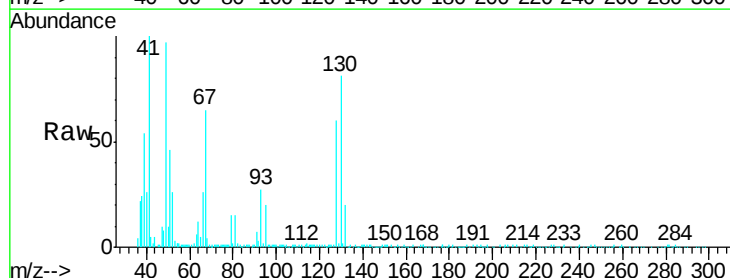
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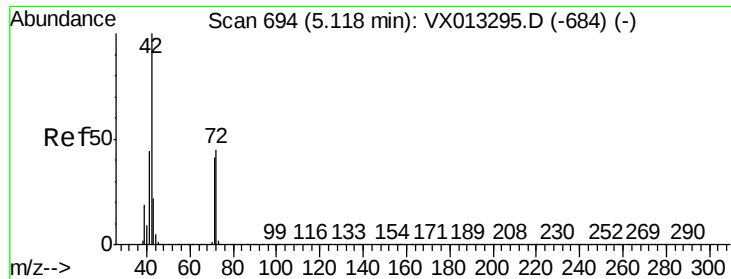
MMDadoda
 11/5/2019 10:37:06 AM



#28
 Bromochloromethane
 Concen: 19.522 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: VX013321.D
 Acq: 04 Nov 2019 12:51

Tgt Ion	Ratio	Resp Lower	Upper
49	100		
129	1.6	0.0	5.2
130	82.4	63.8	95.6





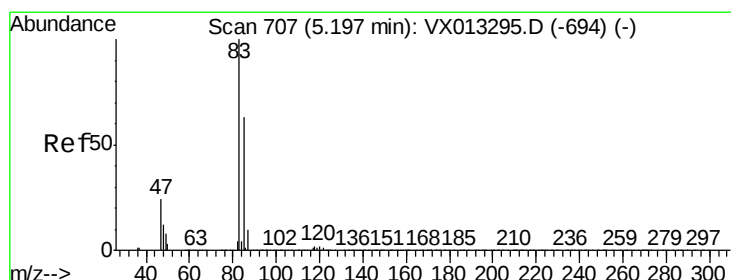
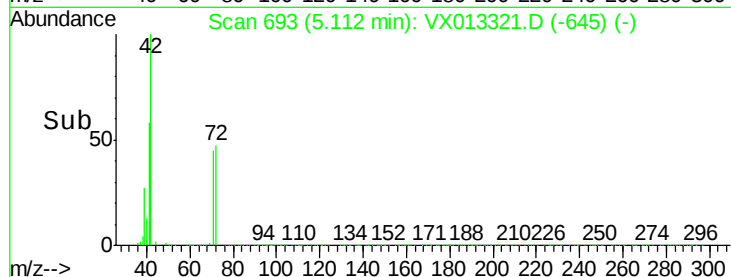
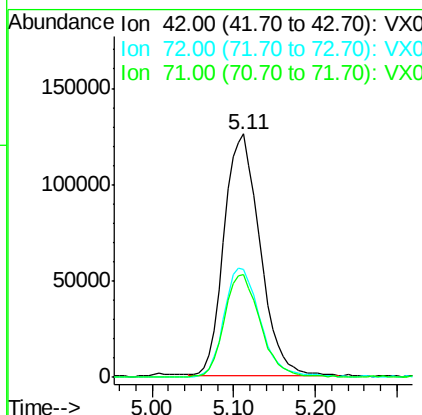
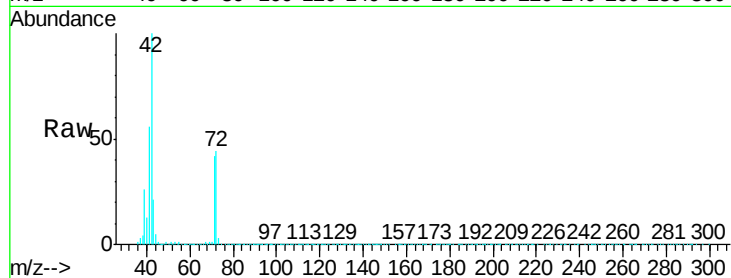
#29
Tetrahydrofuran
Concen: 93.219 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	45.6	35.8	53.8
71	42.6	33.4	50.0

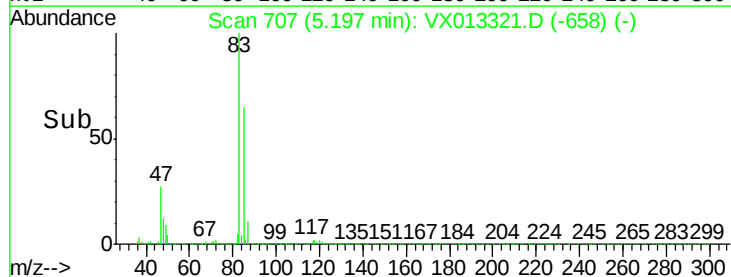
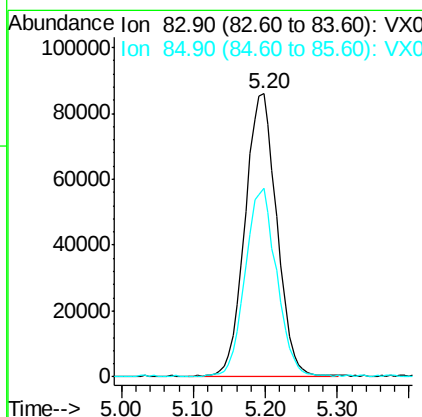
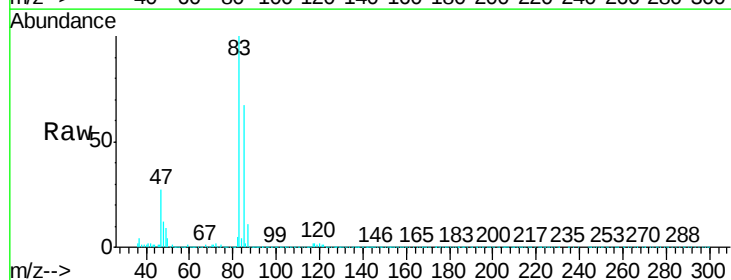
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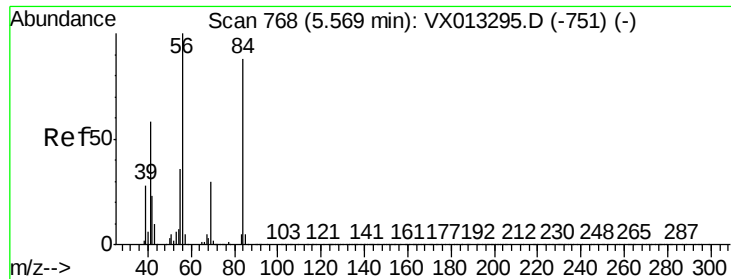
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11/5/2019 10:37:06 AM



#30
Chloroform
Concen: 19.343 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.2	50.2	75.4





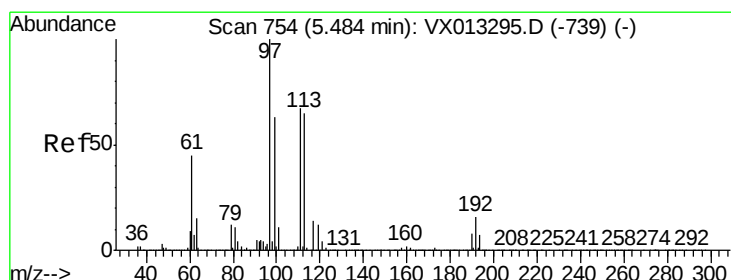
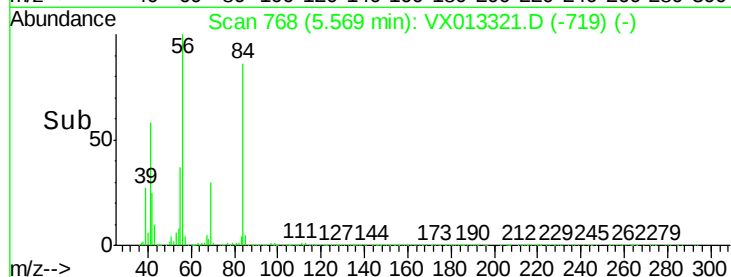
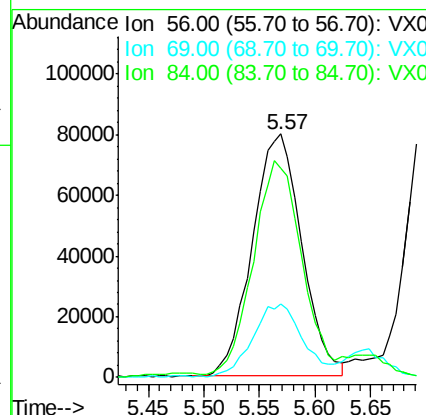
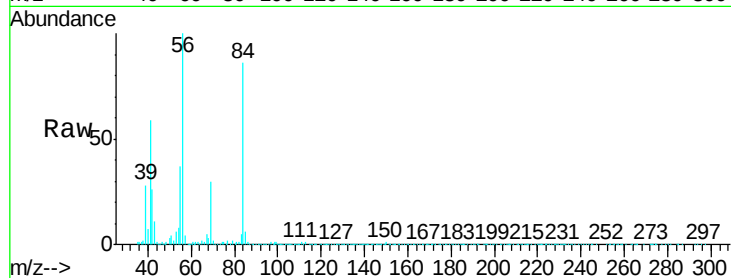
#31
Cyclohexane
Concen: 19.965 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	30.1	23.7	35.5
84	84.8	70.6	105.8

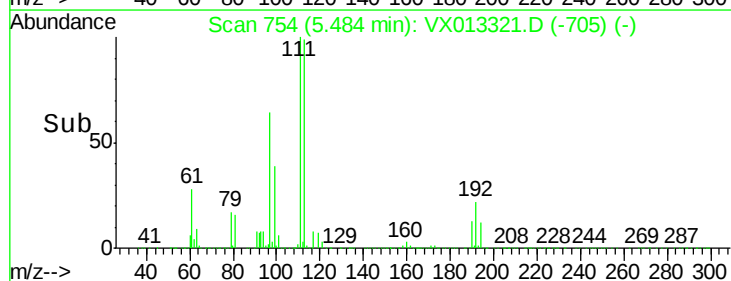
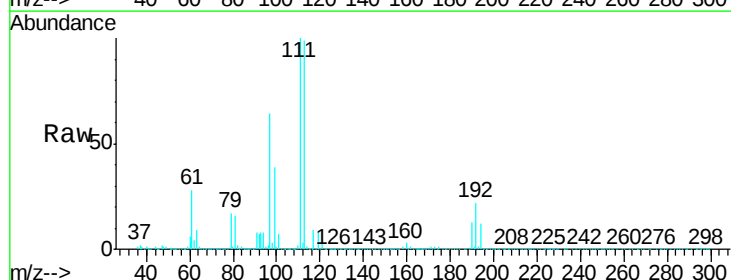
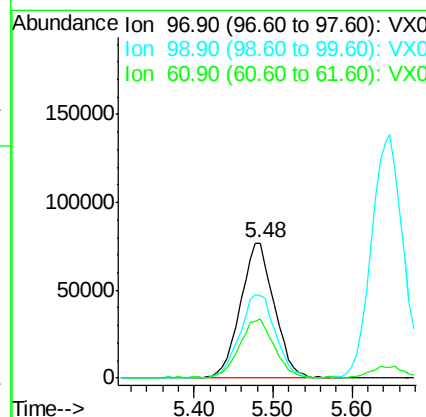
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#32
1,1,1-Trichloroethane
Concen: 19.624 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.1	76.7
61	43.8	36.5	54.7





#33

1,2-Dichloroethane-d4

Concen: 46.776 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

VX1104WBS01

Tgt Ion: 65 Resp: 423945

Ion Ratio Lower Upper

65 100

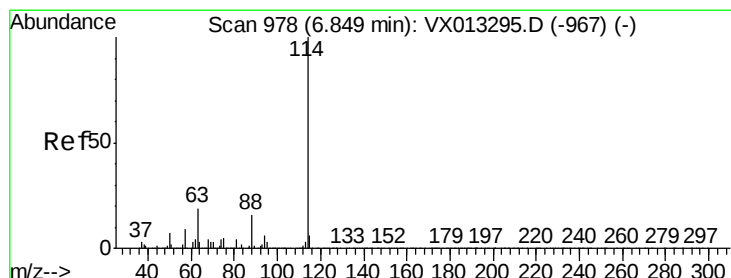
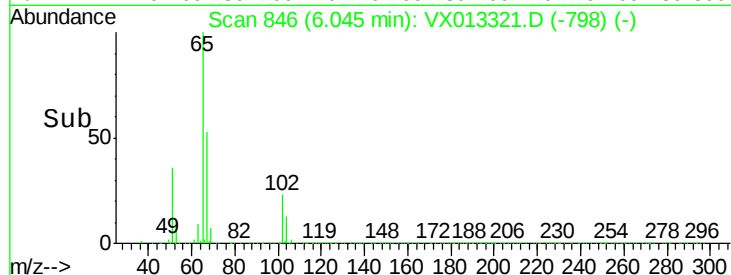
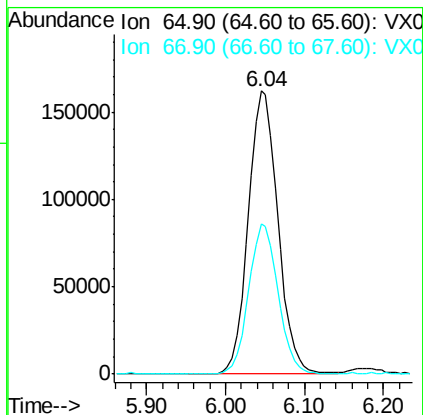
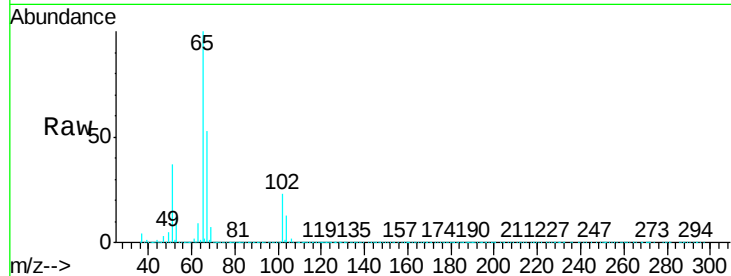
67 52.2 0.0 104.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

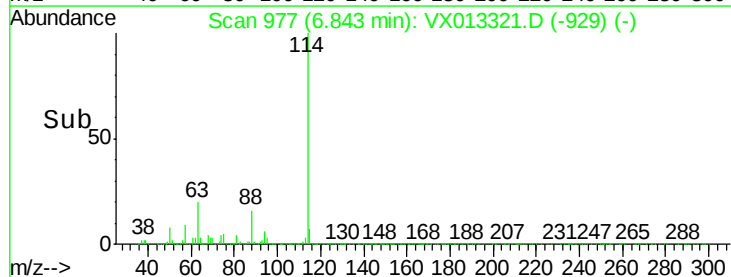
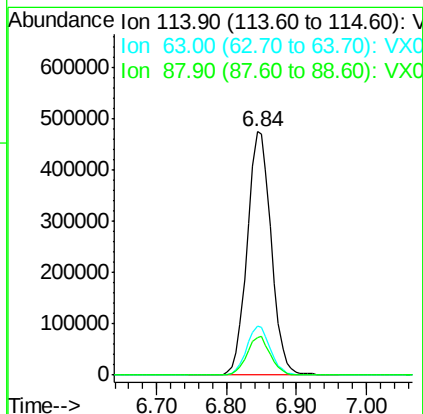
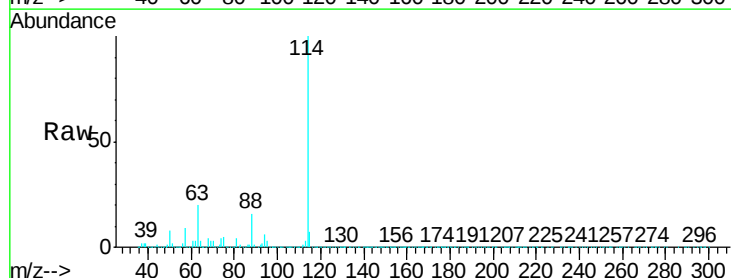
Tgt Ion: 114 Resp: 1126018

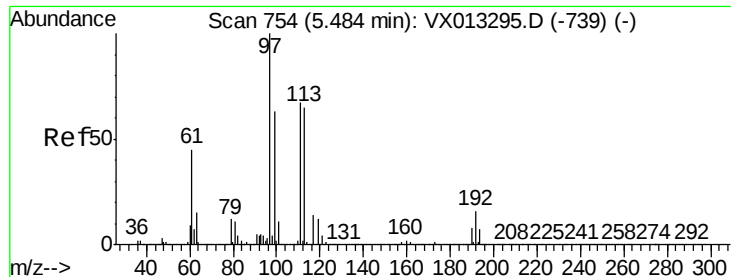
Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.4

88 15.6 0.0 32.2





#35

Dibromofluoromethane

Concen: 48.261 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

Instrument :

MSVOA_X

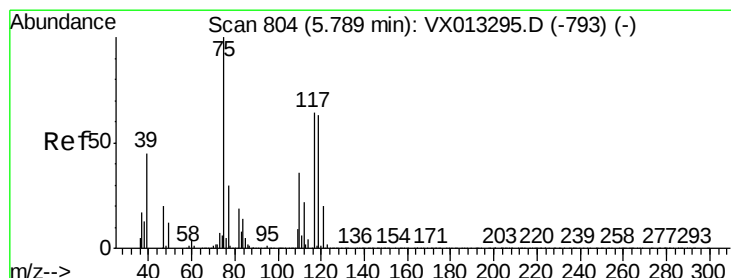
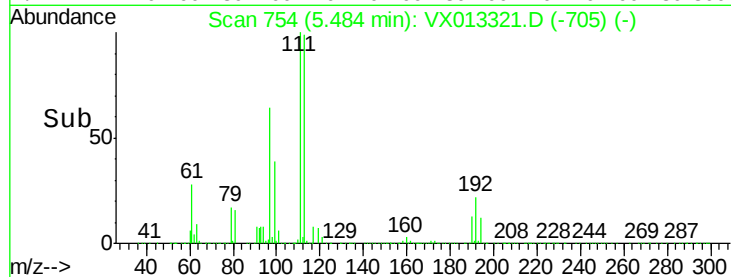
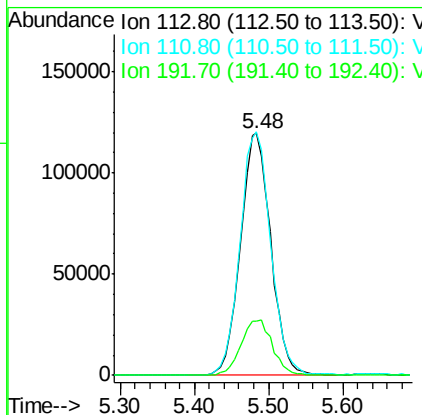
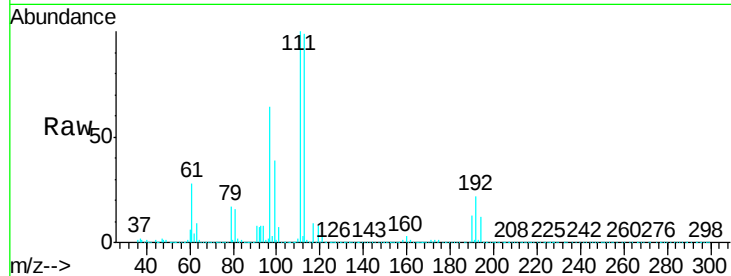
ClientSampleId :

VX1104WBS01

Tgt Ion:	113	Resp:	340842
Ion Ratio	Lower	Upper	
113	100		
111	102.1	81.9	122.9
192	23.8	19.1	28.7

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#36

1,1-Dichloropropene

Concen: 21.093 ug/l

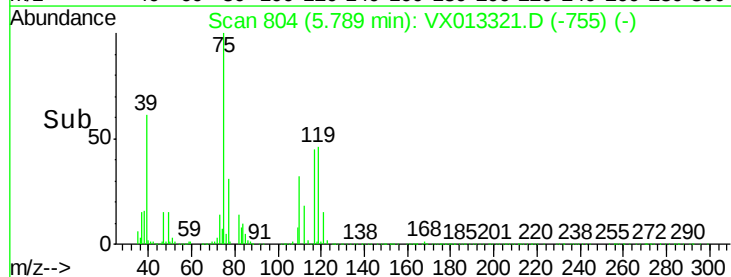
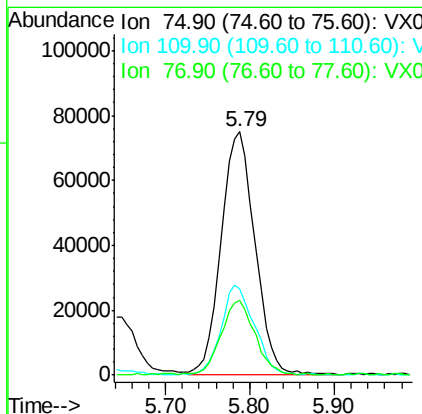
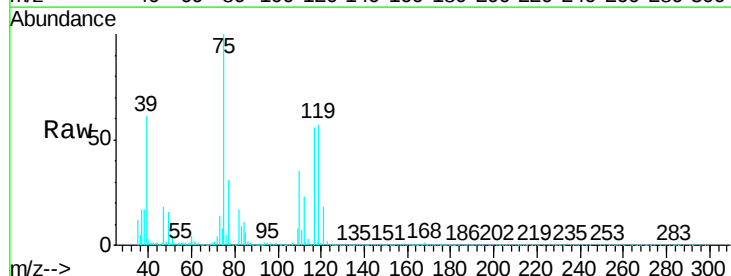
RT: 5.79 min Scan# 804

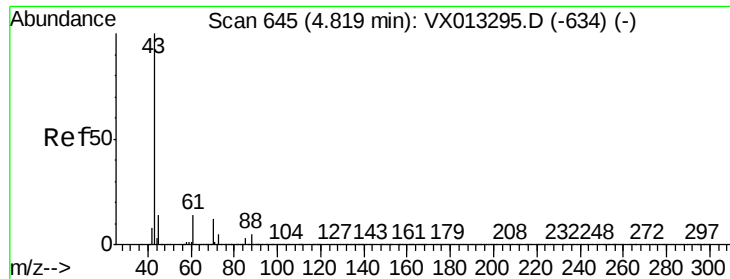
Delta R.T. -0.00 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

Tgt Ion:	75	Resp:	203759
Ion Ratio	Lower	Upper	
75	100		
110	36.3	18.1	54.1
77	30.1	25.0	37.4





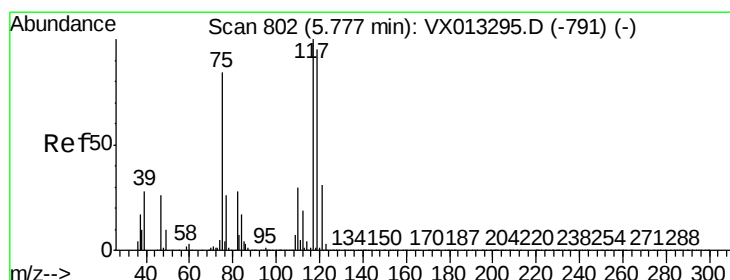
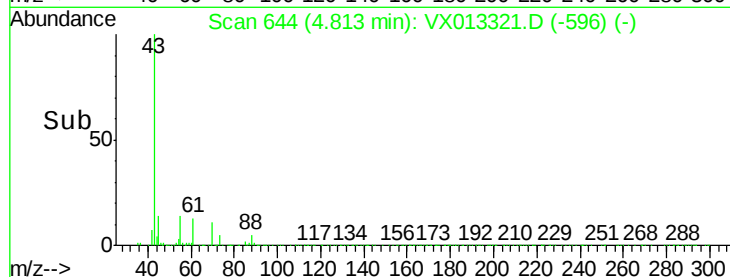
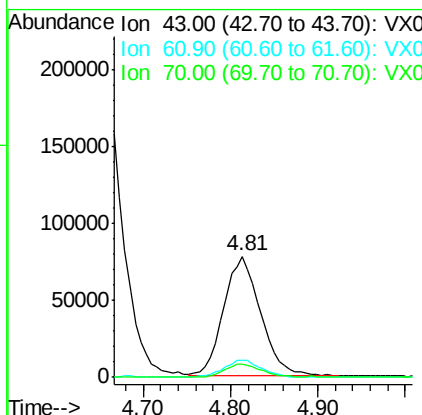
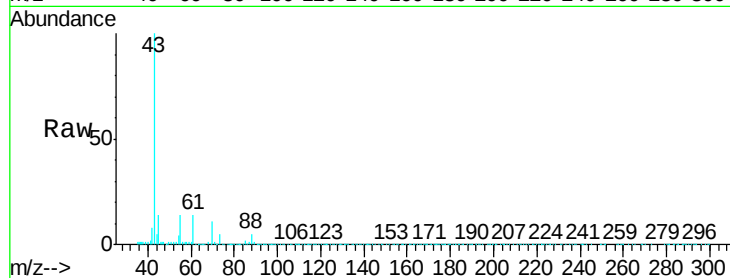
#37
Ethyl Acetate
Concen: 19.159 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.7	16.1
70	11.3	8.7	13.1

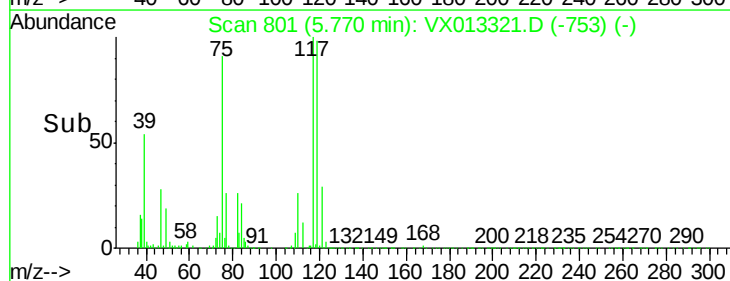
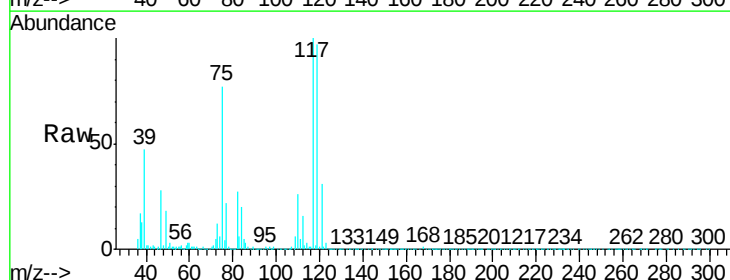
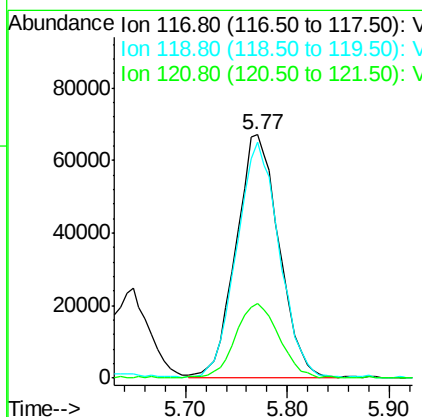
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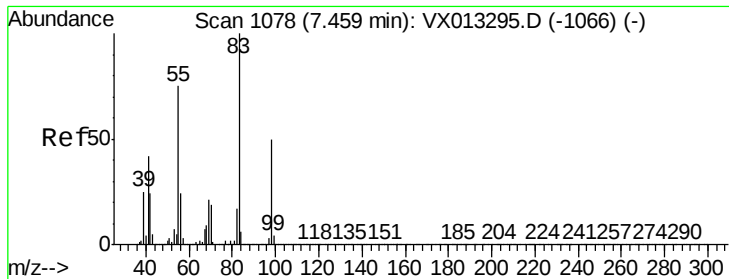
MMDadoda
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#38
Carbon Tetrachloride
Concen: 20.646 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	76.1	114.1
121	30.4	24.6	37.0





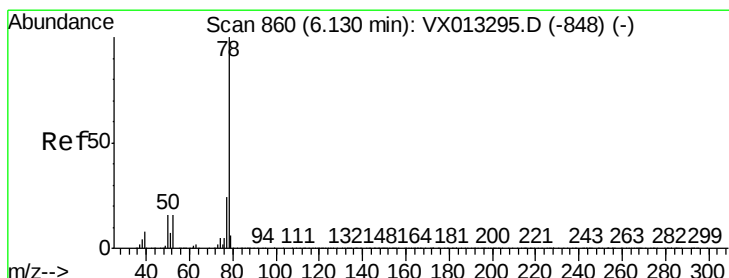
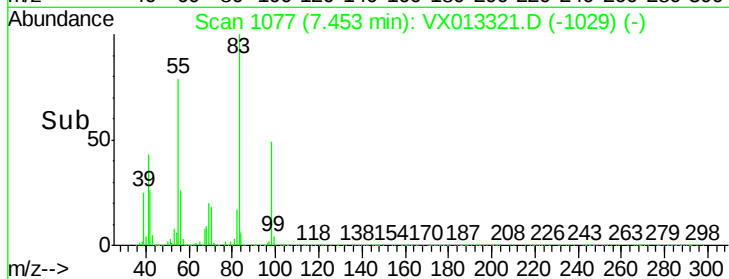
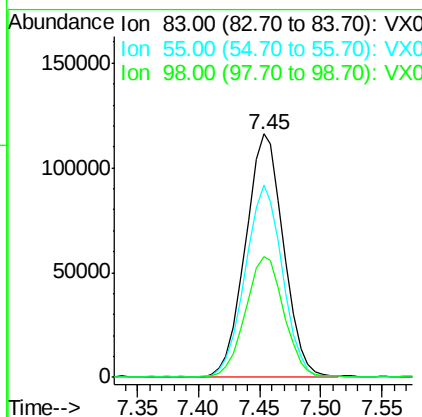
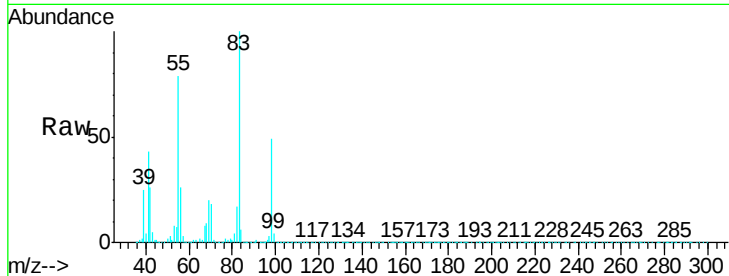
#39
Methylcyclohexane
Concen: 20.883 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	78.9	60.3	90.5
98	49.2	40.3	60.5

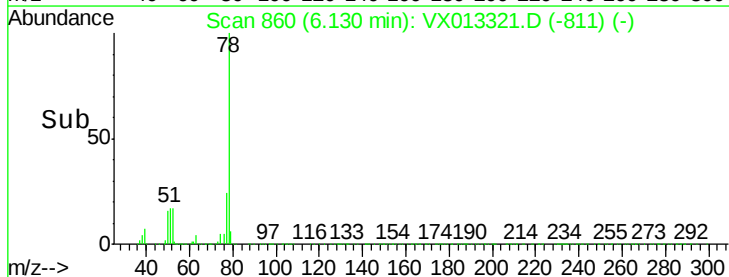
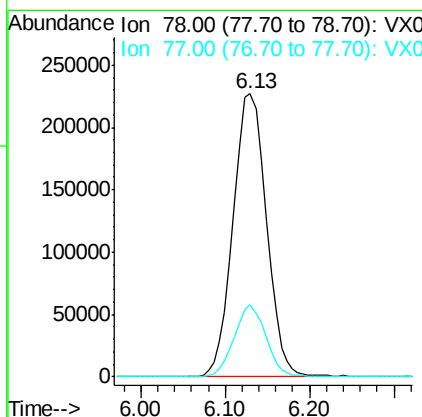
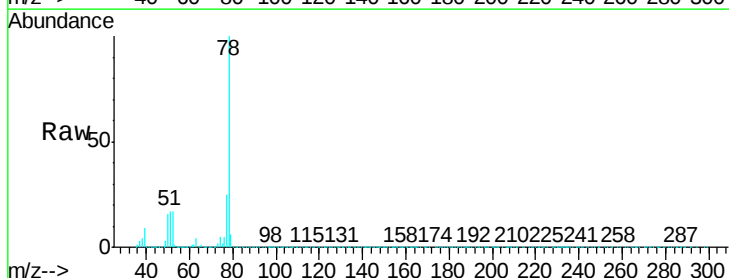
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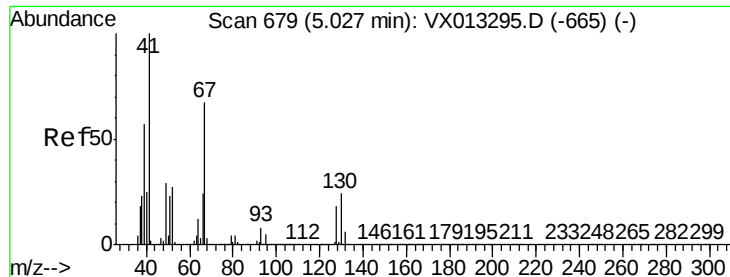
MMDadoda
11/5/2019 10:37:06 AM



#40
Benzene
Concen: 20.239 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.2	19.5	29.3





#41

Methacrylonitrile

Concen: 18.956 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

Instrument :

MSVOA_X

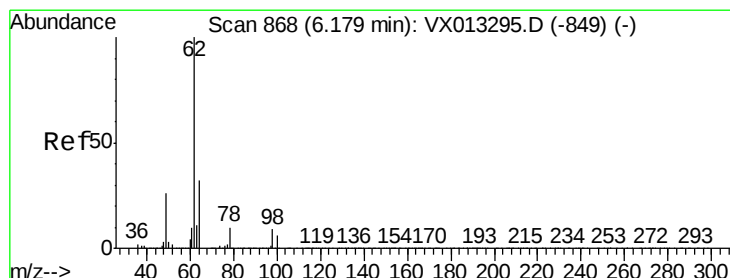
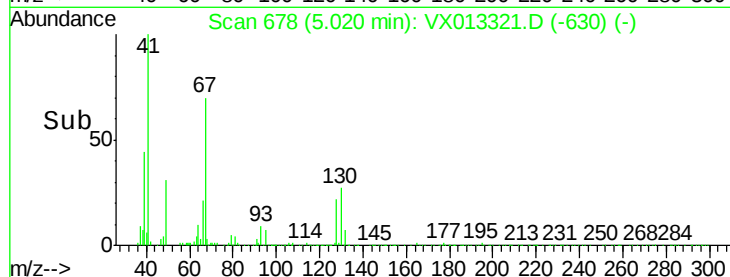
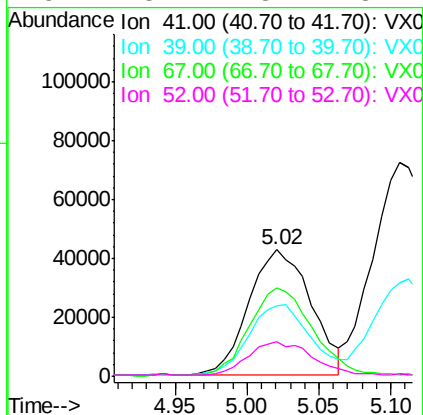
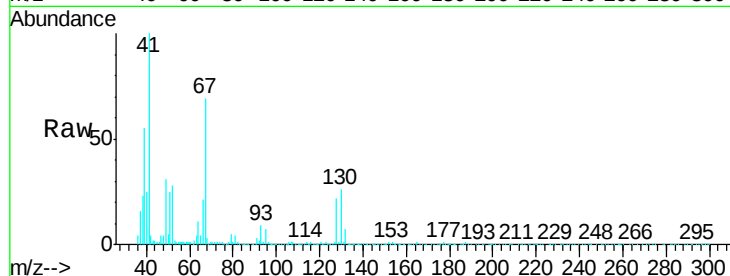
ClientSampleId :

VX1104WBS01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	55.5	45.0	67.6
67	71.6	55.4	83.2
52	28.1	23.1	34.7

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#42

1,2-Dichloroethane

Concen: 20.129 ug/l

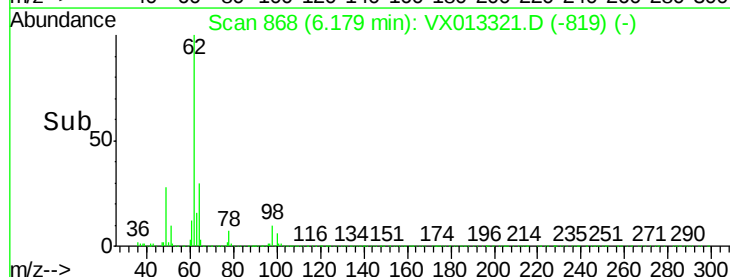
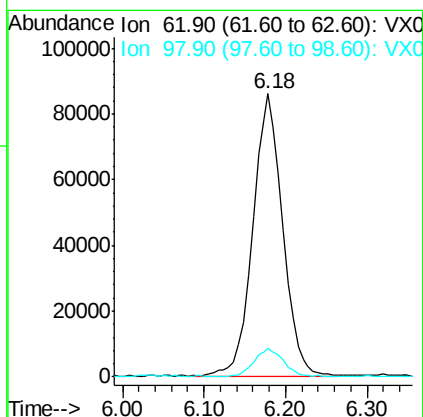
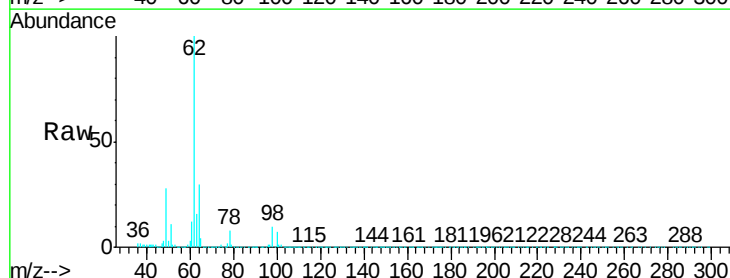
RT: 6.18 min Scan# 868

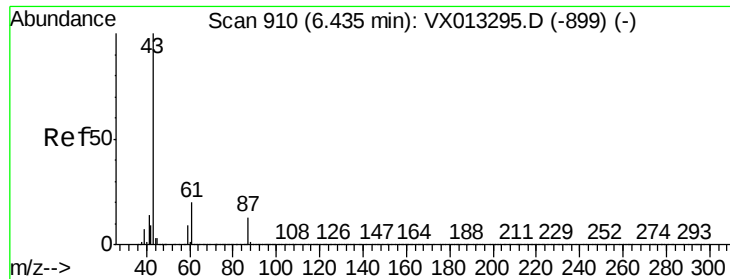
Delta R.T. -0.00 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.4





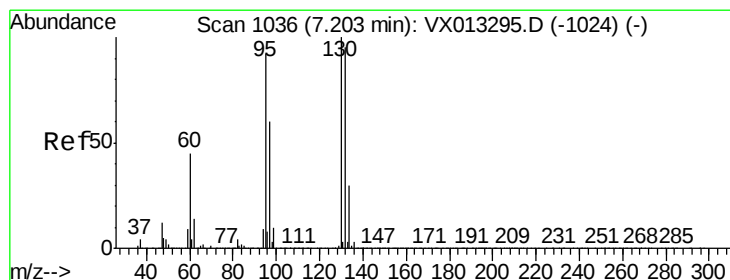
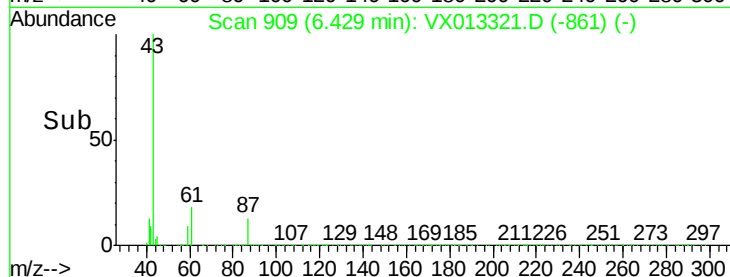
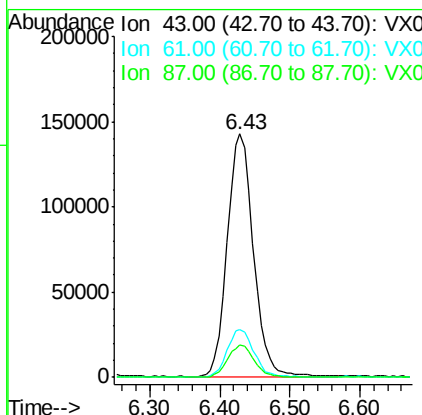
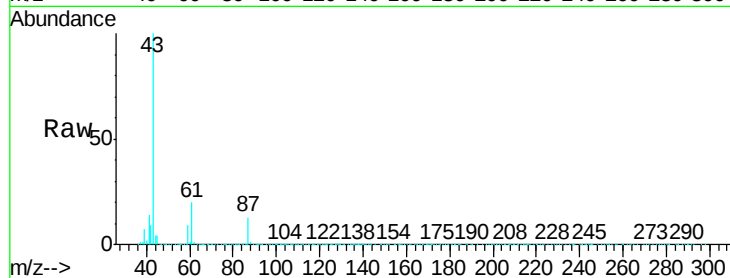
#43
Isopropyl Acetate
Concen: 19.960 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.1	15.8	23.8
87	13.0	10.4	15.6

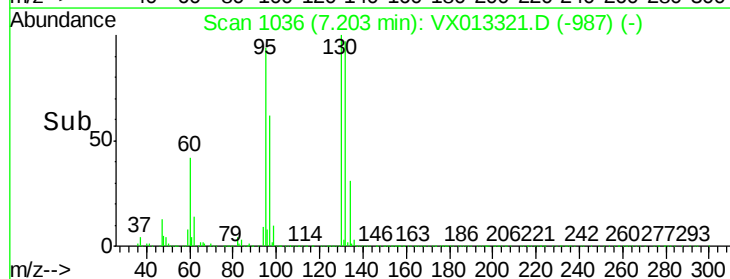
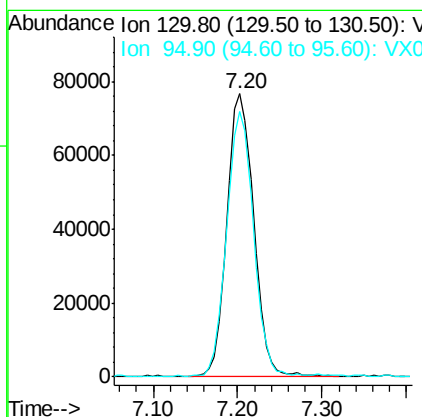
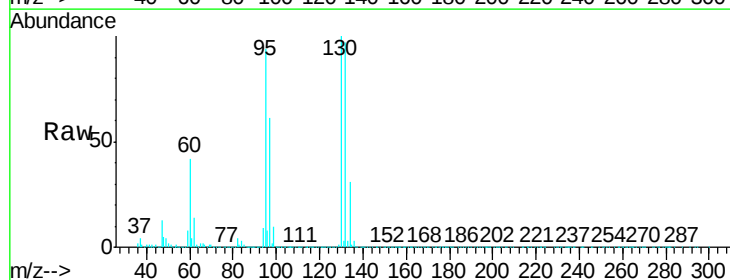
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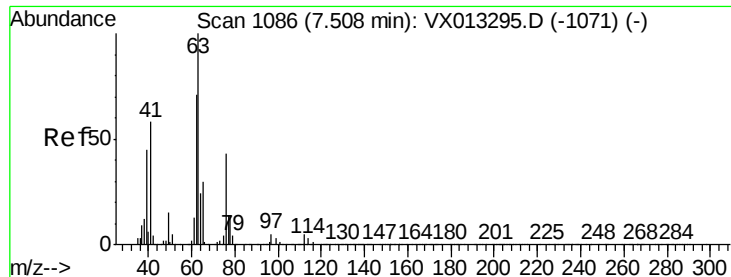
MMDadoda
11/5/2019 10:37:06 AM



#44
Trichloroethene
Concen: 19.958 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.8	0.0	184.8





#45

1,2-Dichloropropane

Concen: 19.993 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

VX1104WBS01

Tgt Ion: 63 Resp: 153283

Ion Ratio Lower Upper

63 100

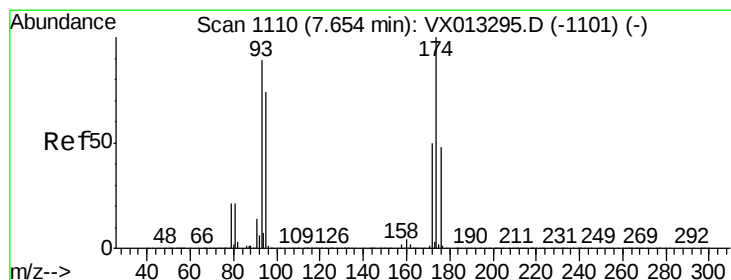
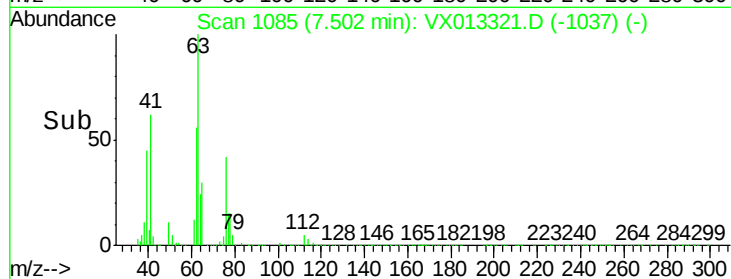
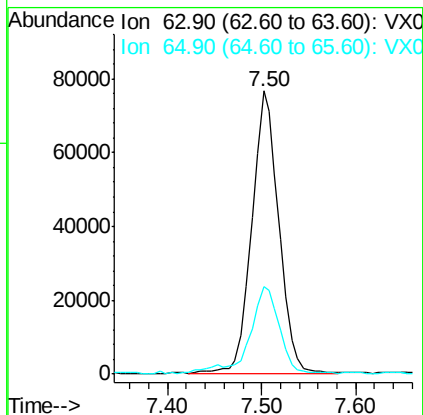
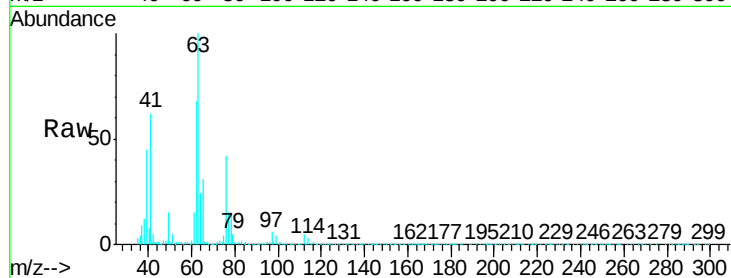
65 30.3 24.3 36.5

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#46

Dibromomethane

Concen: 19.915 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

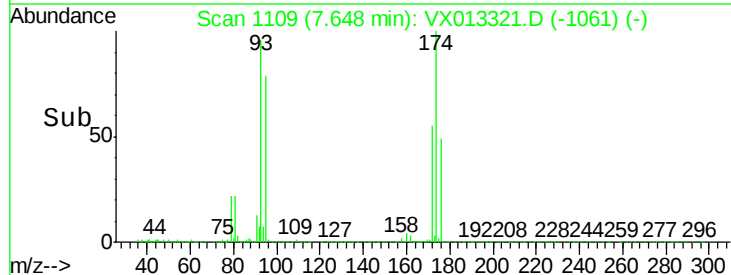
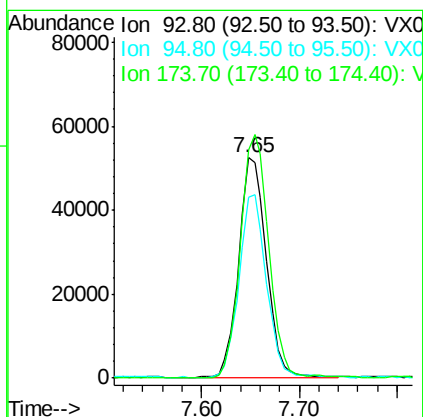
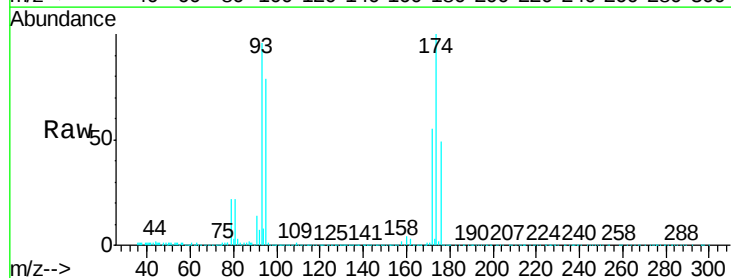
Tgt Ion: 93 Resp: 104252

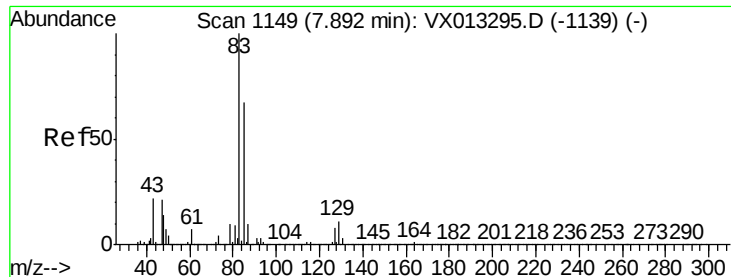
Ion Ratio Lower Upper

93 100

95 81.6 65.8 98.6

174 111.0 90.4 135.6





#47

Bromodichloromethane

Concen: 20.351 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

Instrument :

MSVOA_X

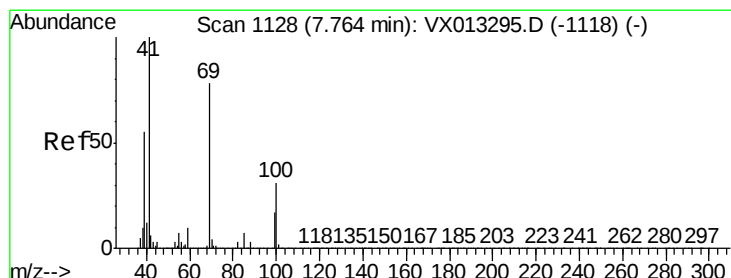
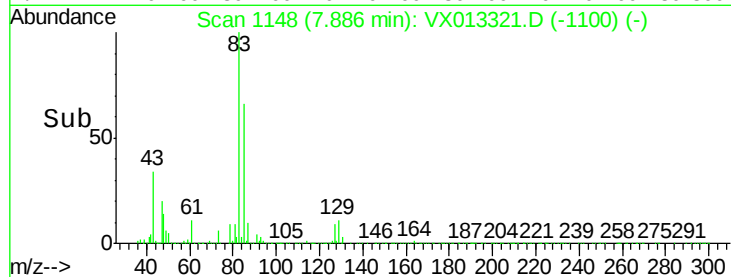
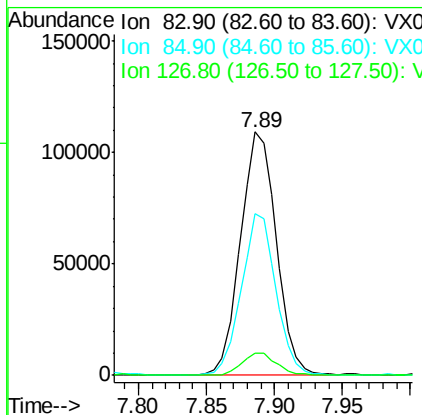
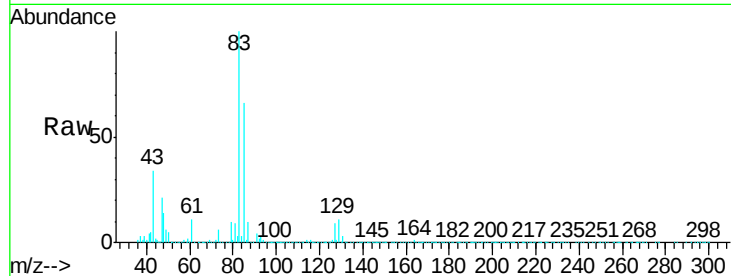
ClientSampleId :

VX1104WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	200884		
85	66.1	53.7	80.5	
127	9.1	6.4	9.6	

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#48

Methyl methacrylate

Concen: 20.205 ug/l

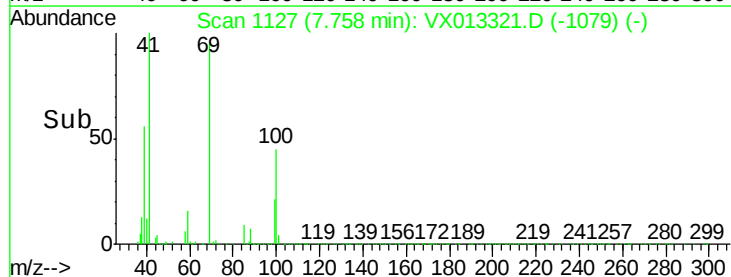
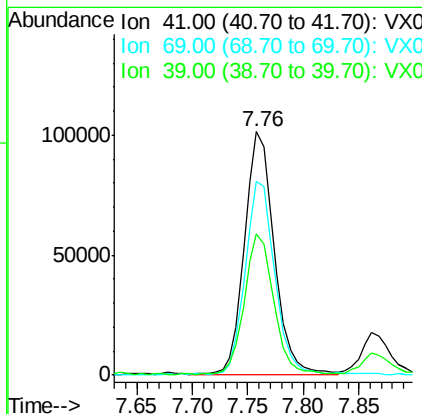
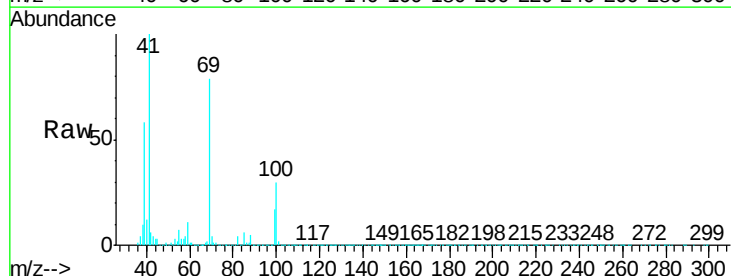
RT: 7.76 min Scan# 1127

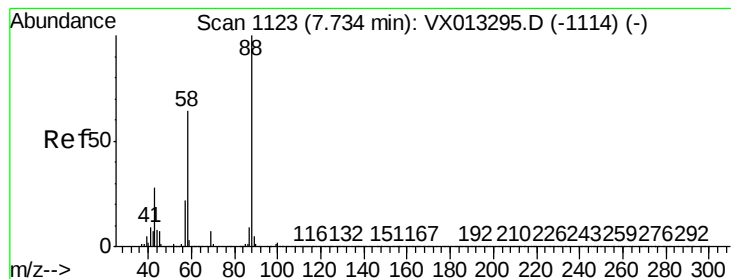
Delta R.T. -0.01 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	187467		
69	78.8	63.0	94.6	
39	57.1	45.9	68.9	





#49

1,4-Dioxane

Concen: 369.511 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

Instrument :

MSVOA_X

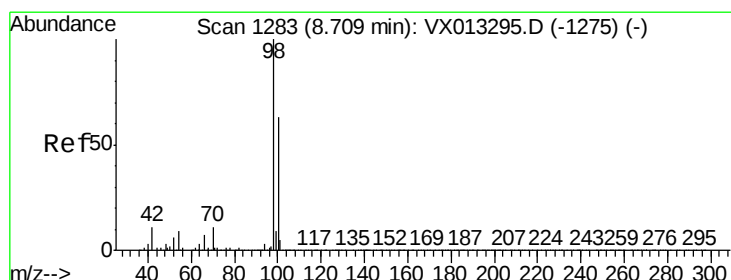
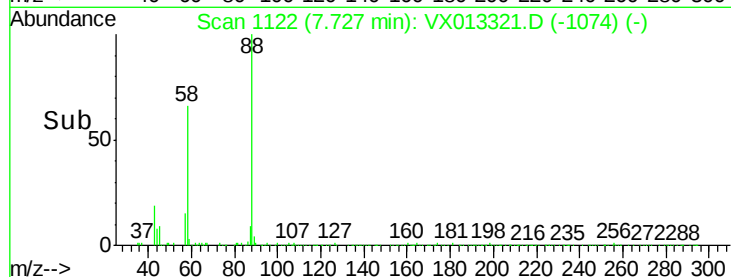
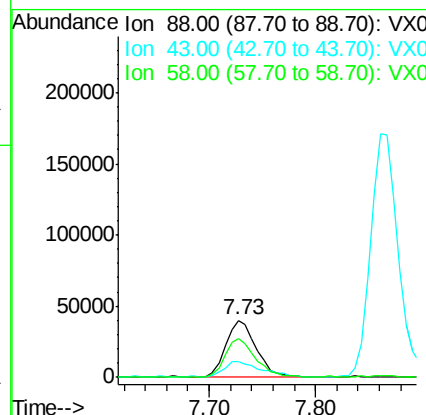
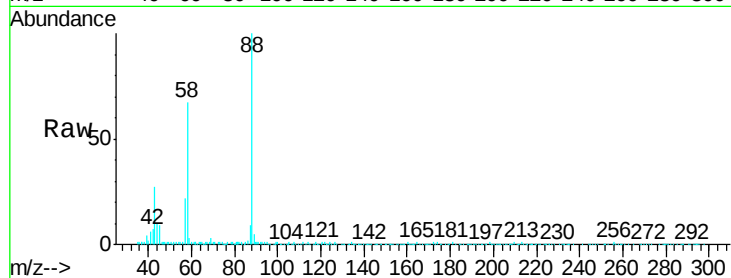
ClientSampleId :

VX1104WBS01

Tgt Ion:	88	Resp:	78514
Ion	Ratio	Lower	Upper
88	100		
43	36.3	26.6	39.8
58	67.7	55.0	82.6

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#50

Toluene-d8

Concen: 49.484 ug/l

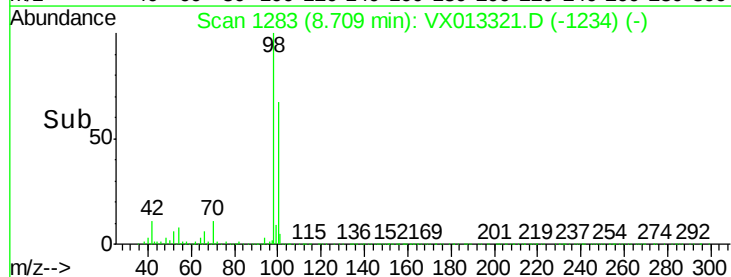
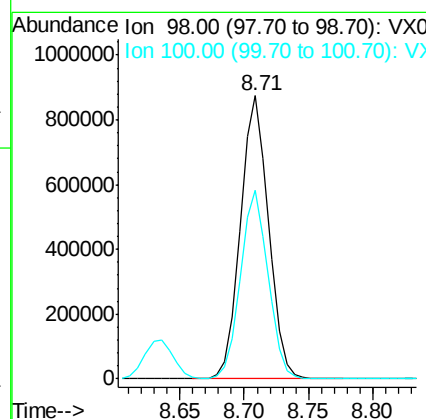
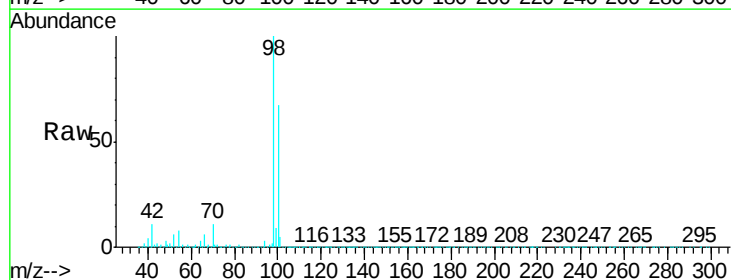
RT: 8.71 min Scan# 1283

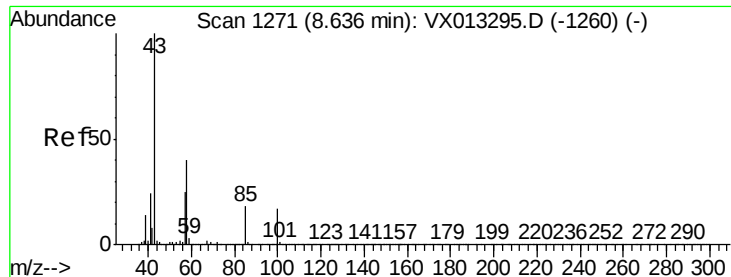
Delta R.T. -0.00 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

Tgt Ion:	98	Resp:	1317506
Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.2	78.2





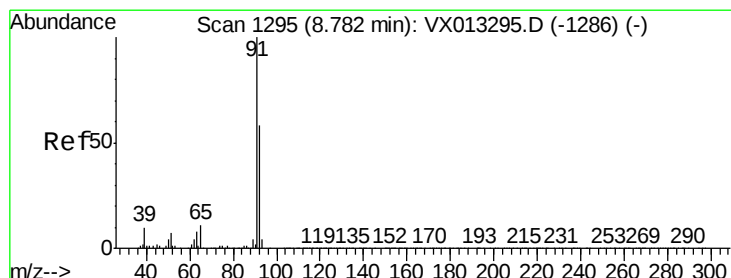
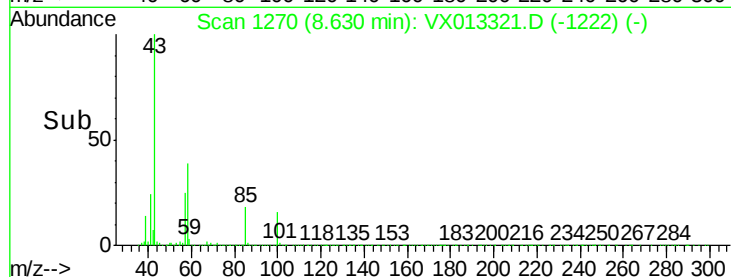
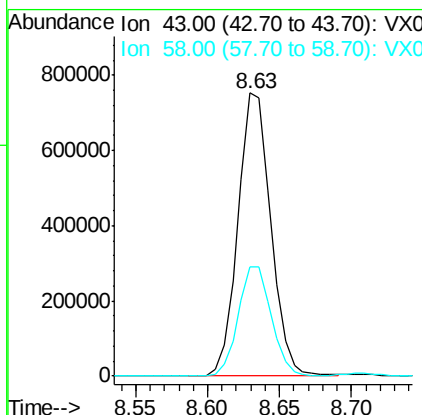
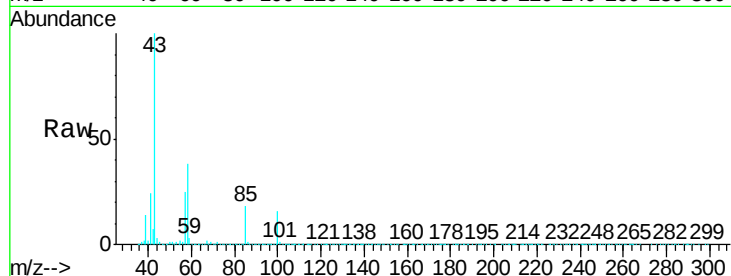
#51
4-Methyl-2-Pentanone
Concen: 97.896 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

Tgt Ion: 43 Resp: 1193814
Ion Ratio Lower Upper
43 100
58 39.0 31.4 47.0

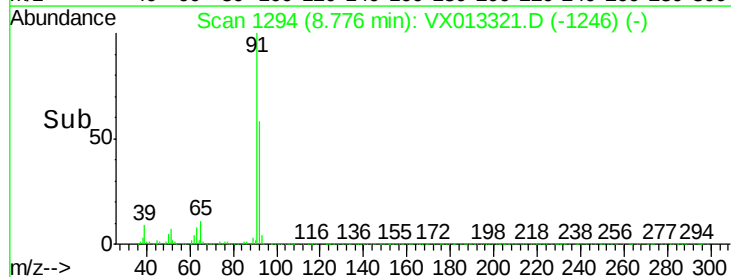
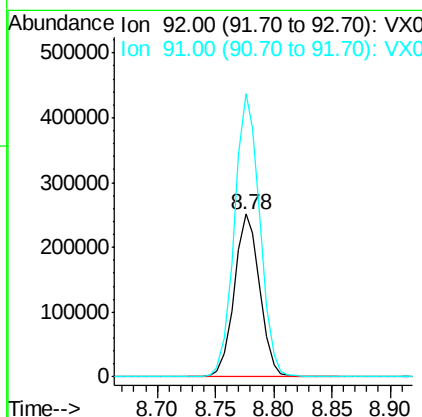
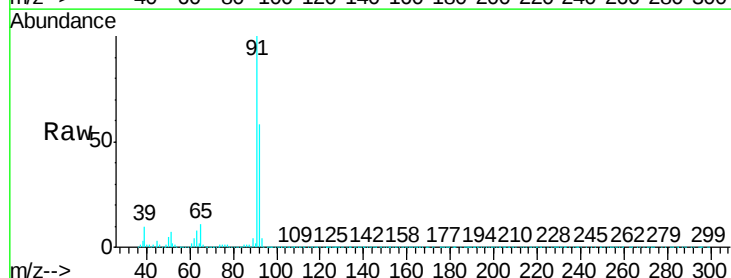
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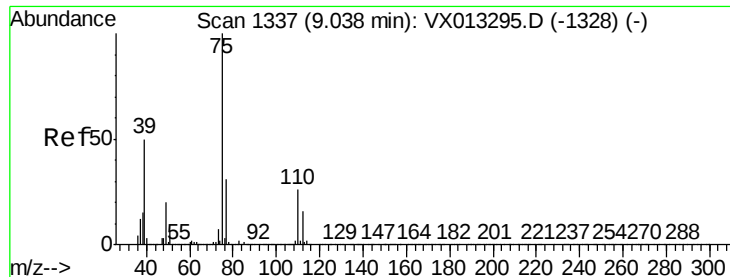
MMDadoda
11/5/2019 10:37:06 AM



#52
Toluene
Concen: 20.429 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

Tgt Ion: 92 Resp: 380992
Ion Ratio Lower Upper
92 100
91 173.9 138.0 207.0





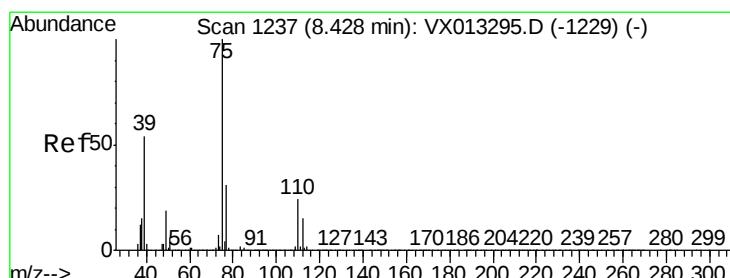
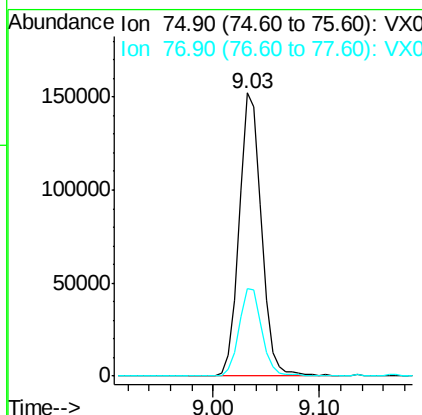
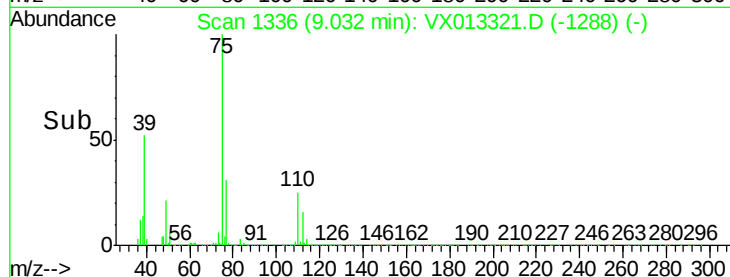
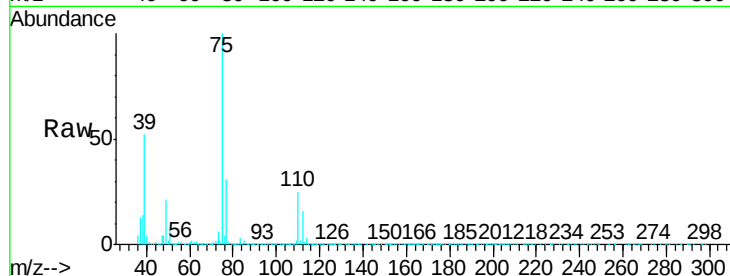
#53
t-1,3-Dichloropropene
Concen: 20.605 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

Tgt Ion: 75 Resp: 222407
Ion Ratio Lower Upper
75 100
77 30.8 25.0 37.4

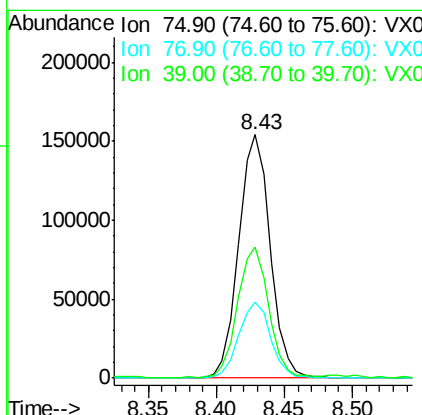
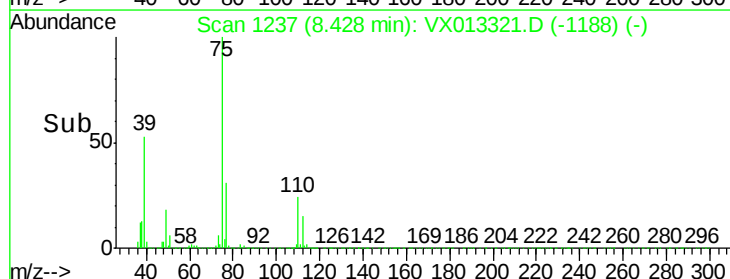
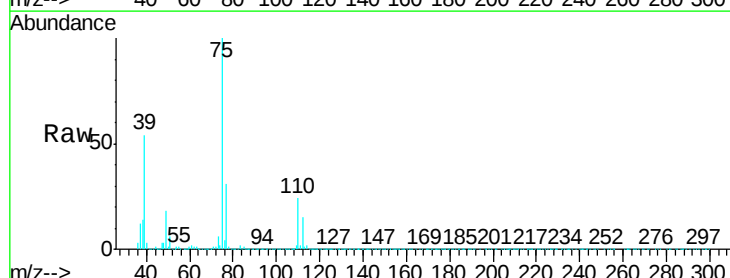
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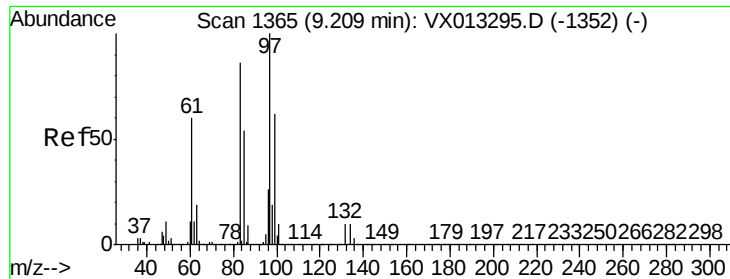
MMDadoda
11/5/2019 10:37:06 AM



#54
cis-1,3-Dichloropropene
Concen: 20.730 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

Tgt Ion: 75 Resp: 250297
Ion Ratio Lower Upper
75 100
77 31.3 24.7 37.1
39 53.0 43.0 64.6





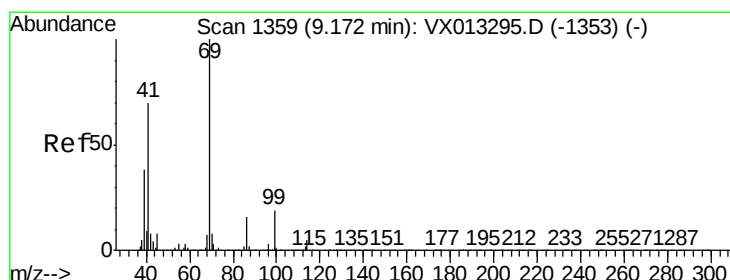
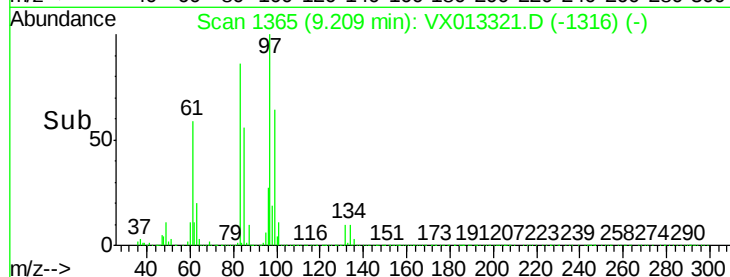
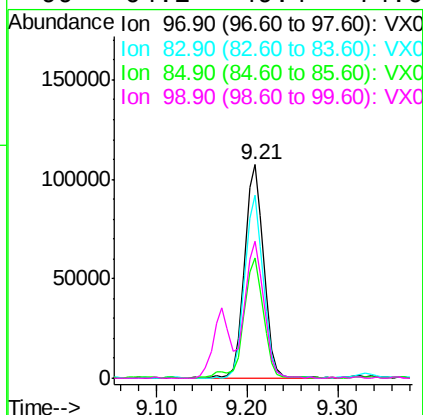
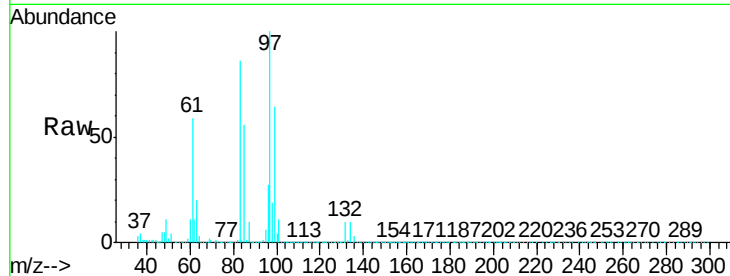
#55
 1,1,2-Trichloroethane
 Concen: 20.260 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013321.D
 Acq: 04 Nov 2019 12:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1104WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	156615		
83	85.8	68.6	103.0	
85	56.0	43.1	64.7	
99	64.2	49.4	74.0	

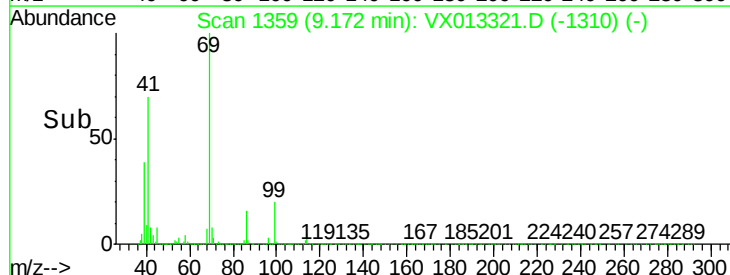
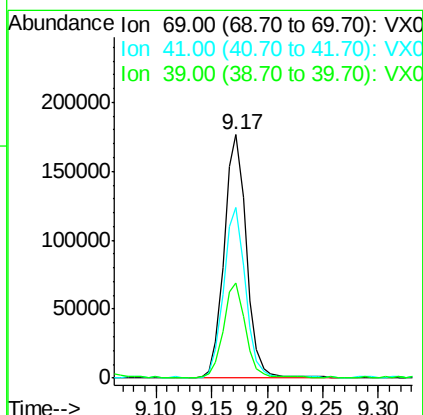
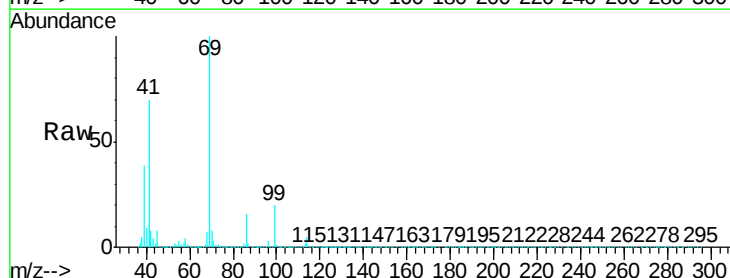
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#56
 Ethyl methacrylate
 Concen: 19.476 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013321.D
 Acq: 04 Nov 2019 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	244019		
41	69.6	56.2	84.2	
39	38.3	31.1	46.7	





#57

1,3-Dichloropropane

Concen: 20.185 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

VX1104WBS01

Tgt Ion: 76 Resp: 264864

Ion Ratio Lower Upper

76 100

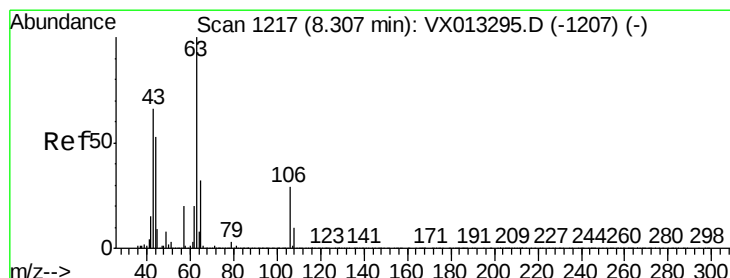
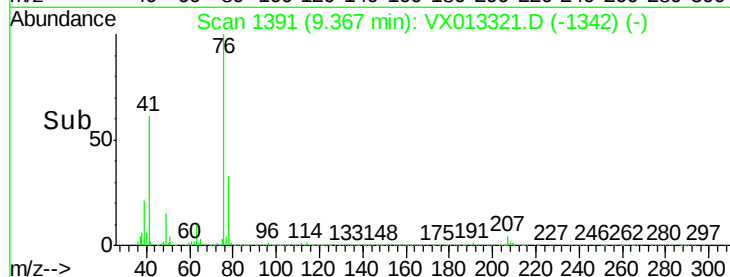
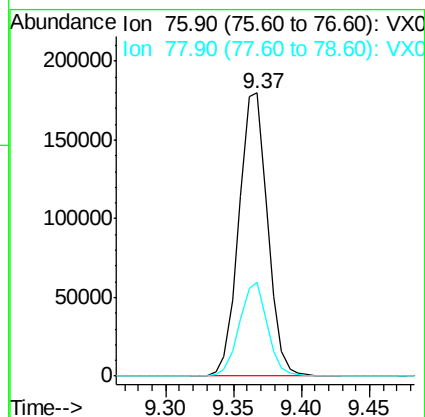
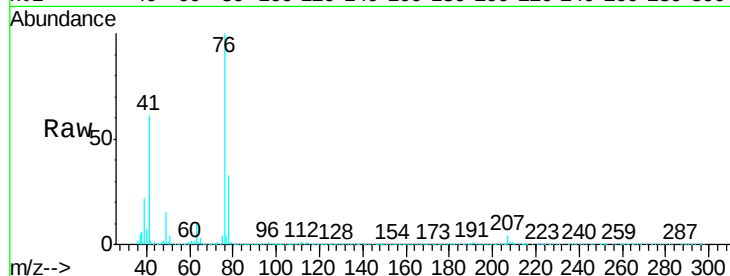
78 31.8 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 97.393 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX013321.D

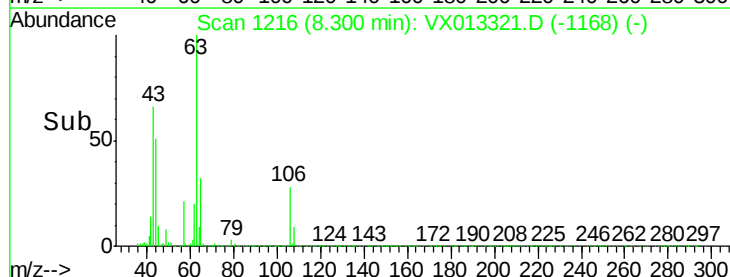
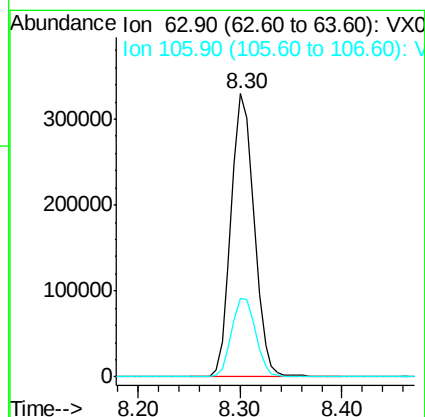
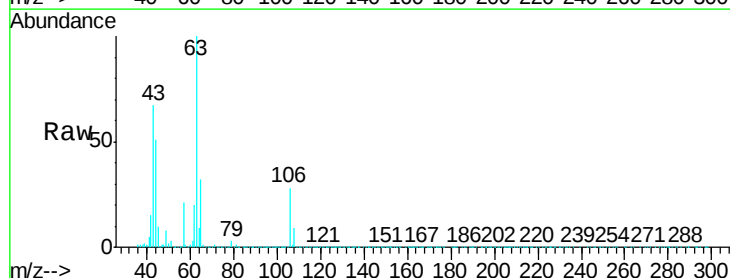
Acq: 04 Nov 2019 12:51

Tgt Ion: 63 Resp: 514767

Ion Ratio Lower Upper

63 100

106 29.2 23.4 35.2





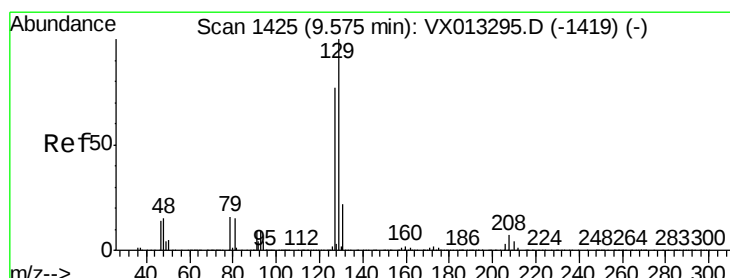
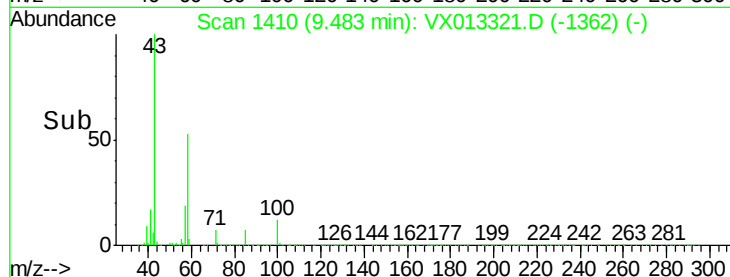
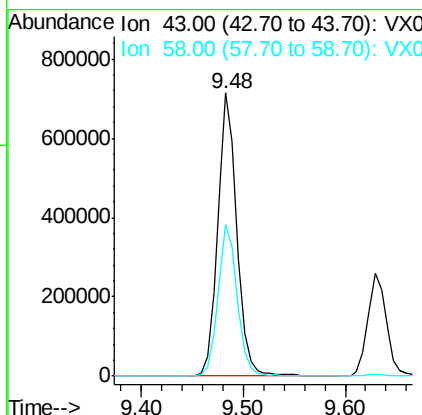
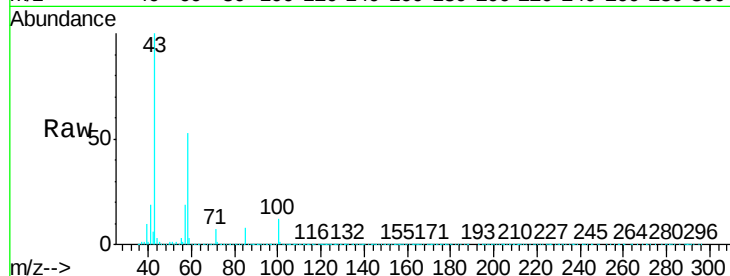
#59
2-Hexanone
Concen: 99.676 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
58	54.0	27.3	81.8

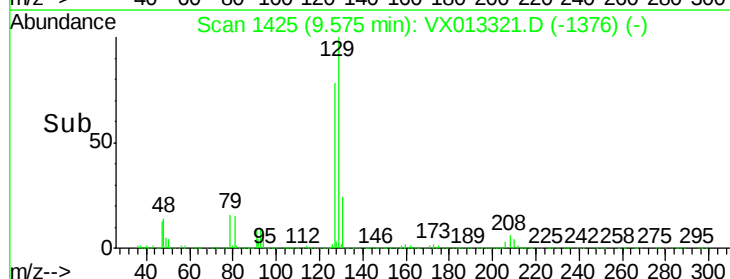
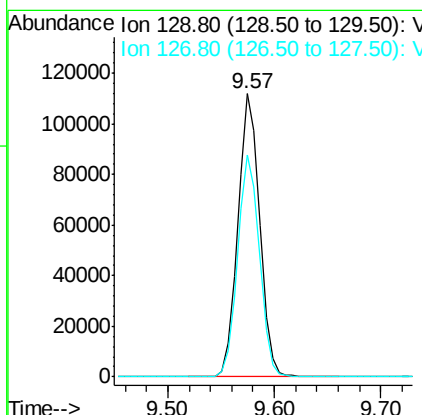
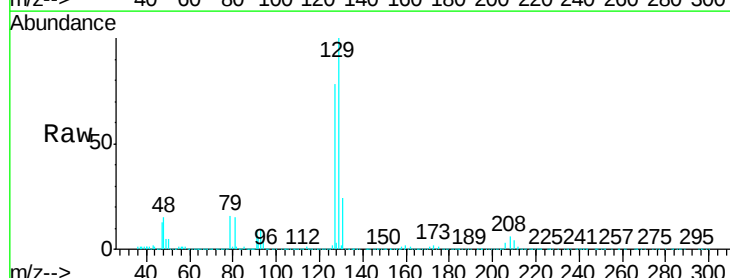
Manual Integrations
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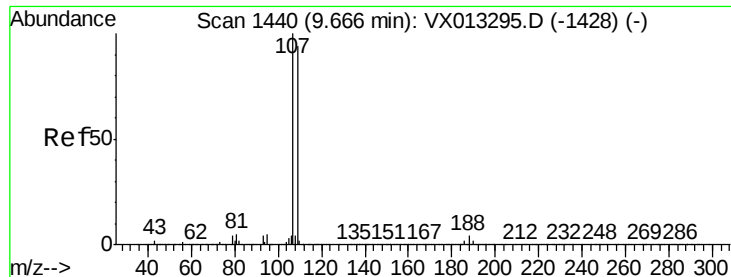
MMDadoda
11/5/2019 10:37:06 AM



#60
Dibromochloromethane
Concen: 20.406 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.0	39.1	117.2





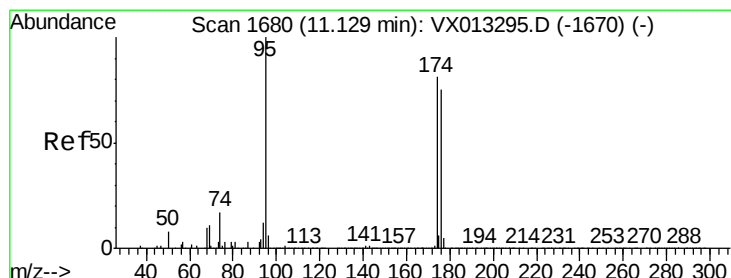
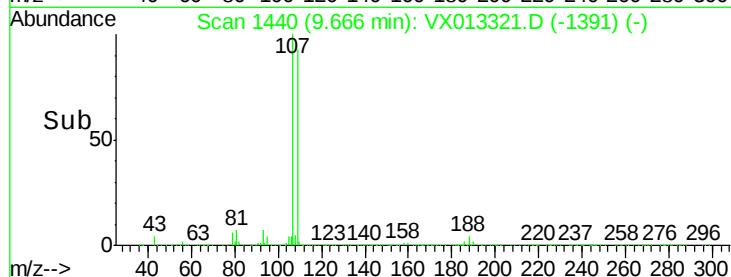
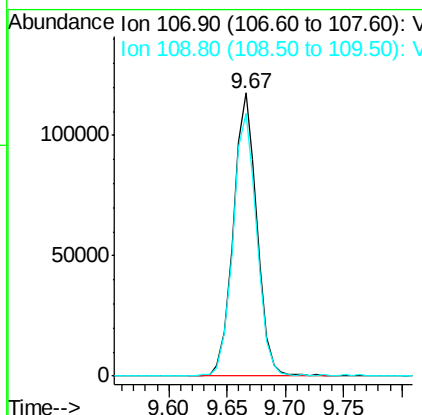
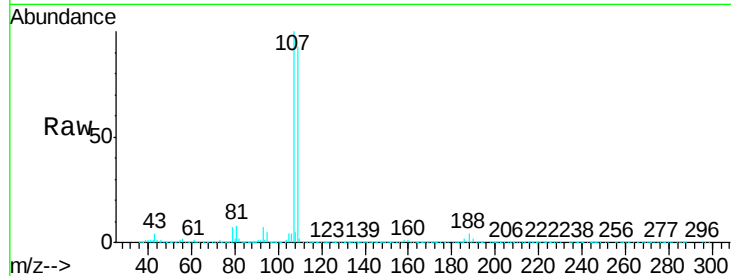
#61
 1,2-Dibromoethane
 Concen: 20.051 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX013321.D
 Acq: 04 Nov 2019 12:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1104WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	164585		
109	94.6	75.1	112.7	

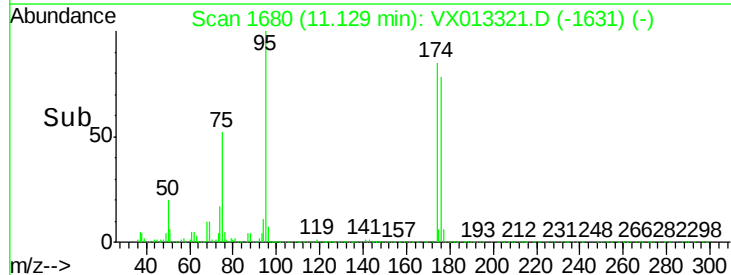
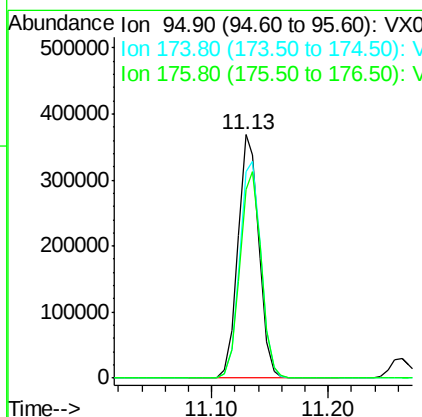
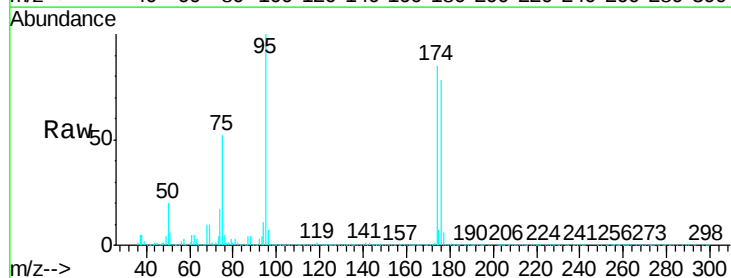
Manual Integrations
 APPROVED

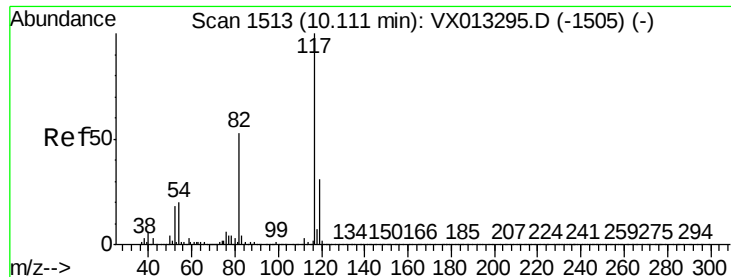
MMDadoda
 11/5/2019 10:37:06 AM



#62
 4-Bromofluorobenzene
 Concen: 48.144 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: VX013321.D
 Acq: 04 Nov 2019 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	462618		
174	90.7	0.0	179.8	
176	86.4	0.0	173.0	





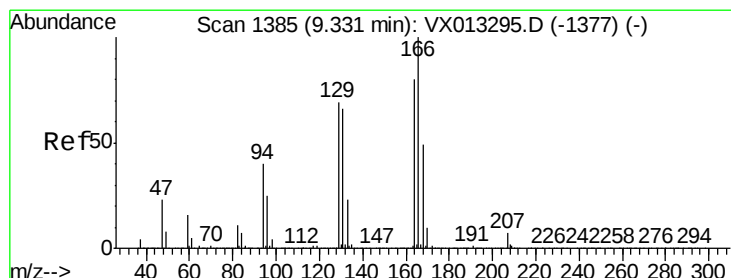
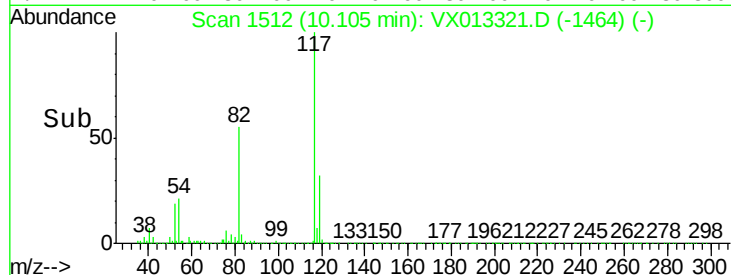
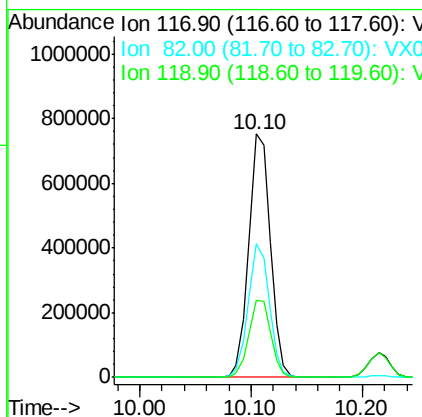
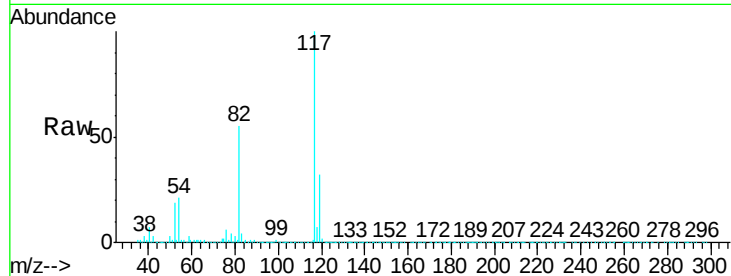
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.9	42.6	64.0
119	31.5	24.8	37.2

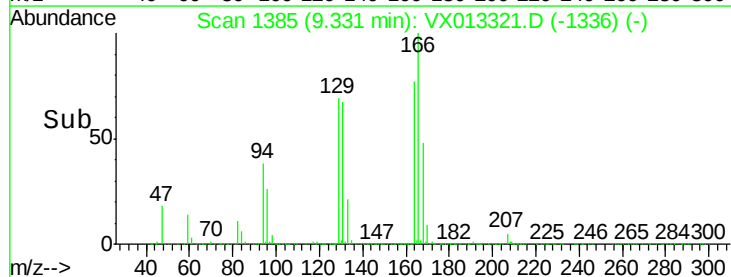
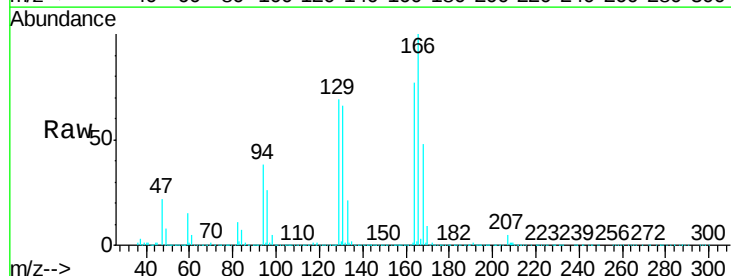
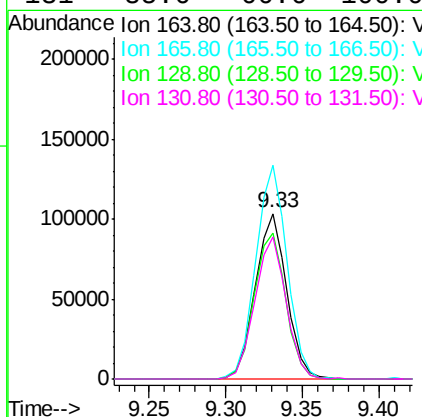
Manual Integrations
APPROVED

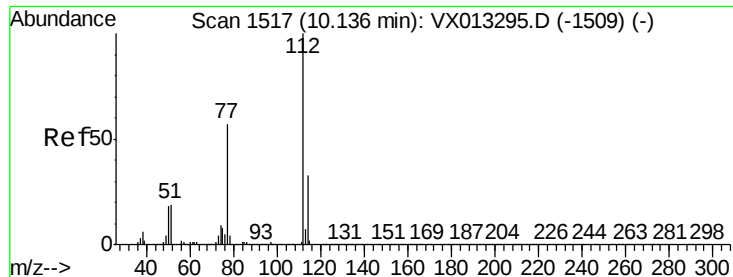
MMDadoda
11/5/2019 10:37:06 AM



#64
Tetrachloroethene
Concen: 20.154 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.4	100.4	150.6
129	88.4	69.4	104.2
131	85.6	66.6	100.0





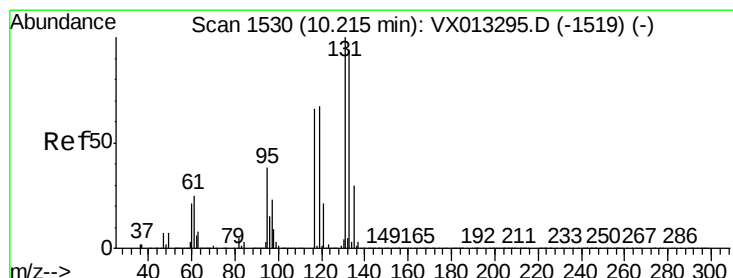
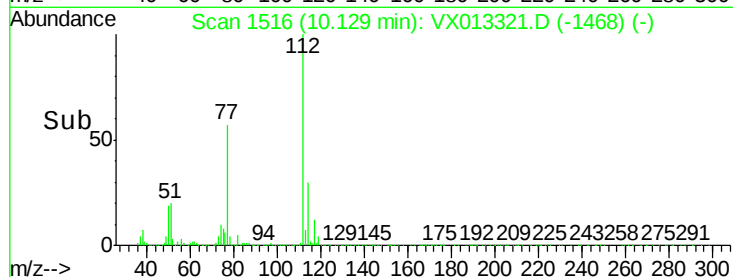
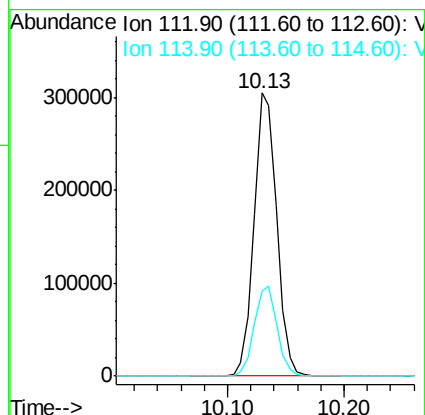
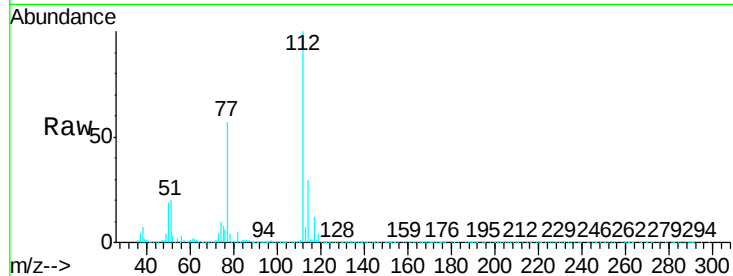
#65
Chlorobenzene
Concen: 20.121 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	415465		
114	30.0	26.4	39.6	

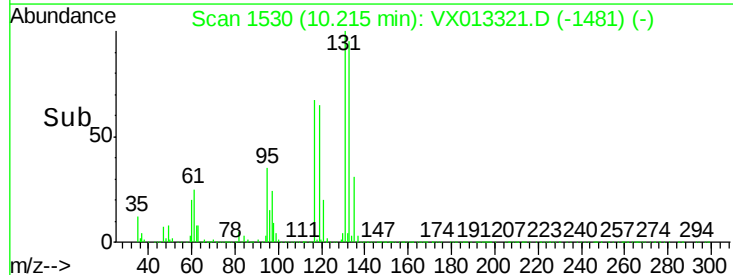
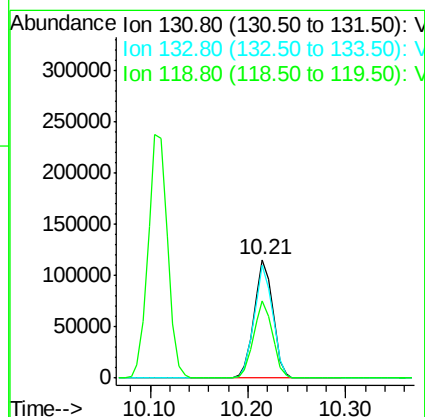
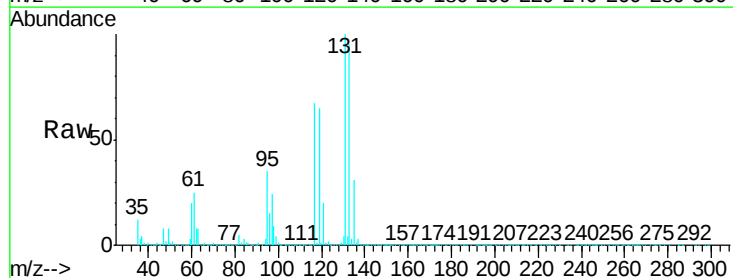
Manual Integrations
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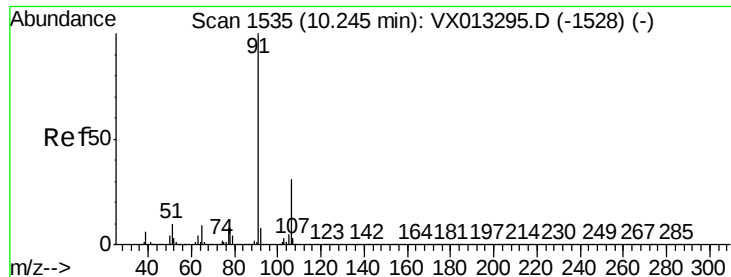
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.570 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	155953		
133	92.7	48.0	144.0	
119	65.1	33.0	99.0	





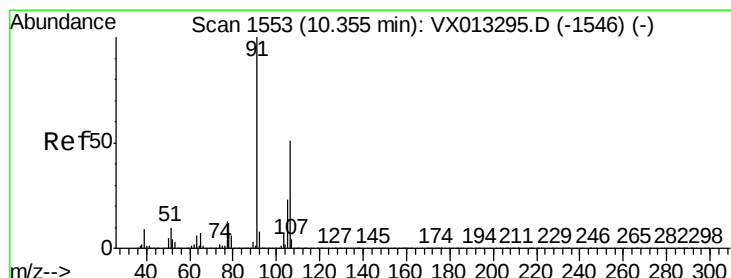
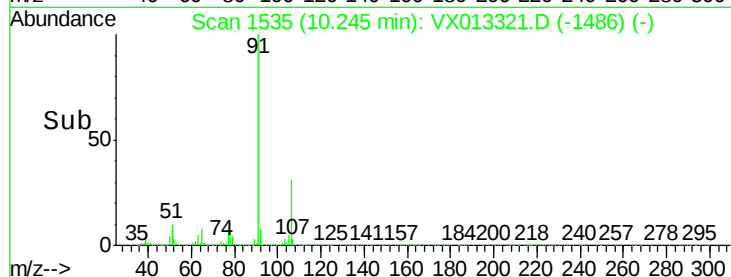
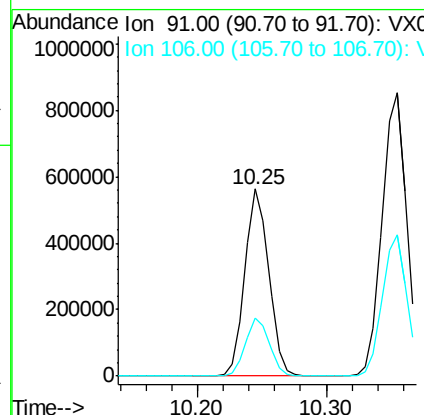
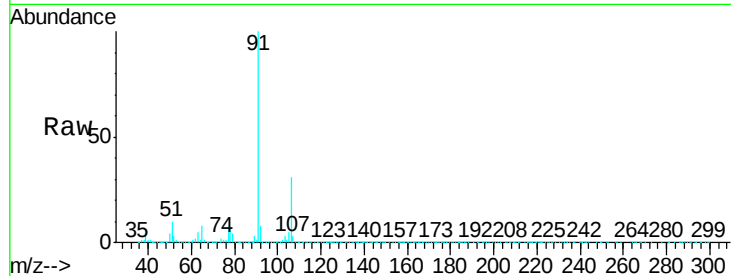
#67
Ethyl Benzene
Concen: 20.319 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

Tgt Ion: 91 Resp: 724113
Ion Ratio Lower Upper
91 100
106 31.4 24.6 36.8

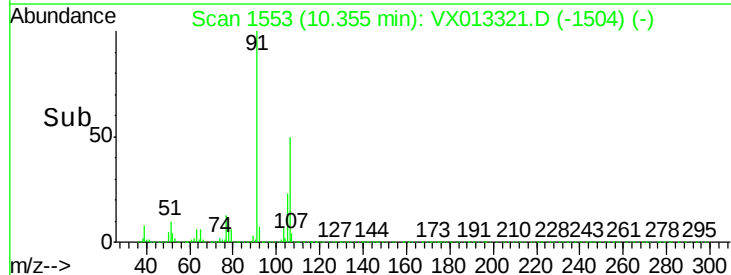
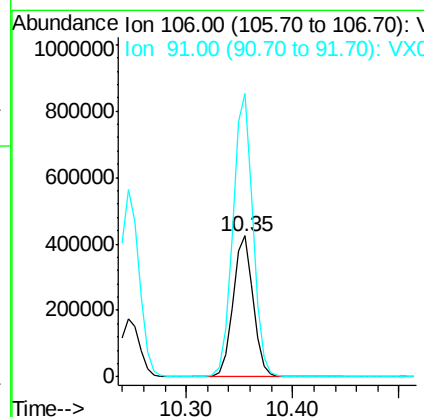
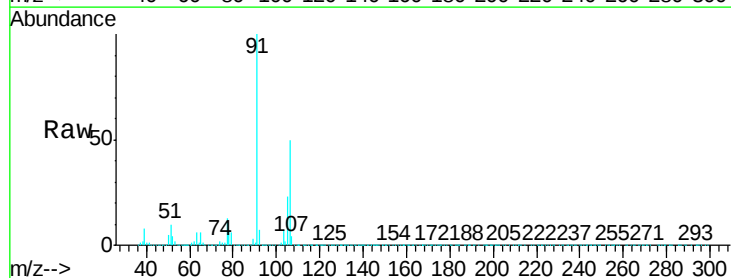
Manual Integrations
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#68
m/p-Xylenes
Concen: 41.591 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

Tgt Ion: 106 Resp: 560556
Ion Ratio Lower Upper
106 100
91 200.2 159.3 238.9





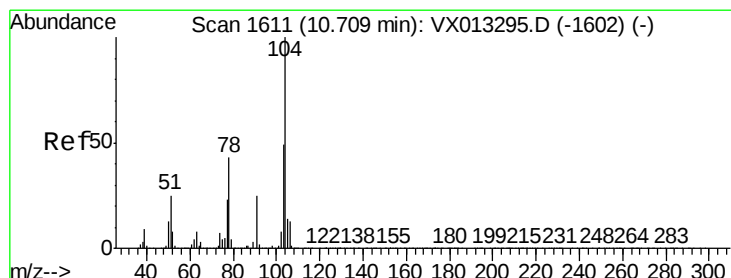
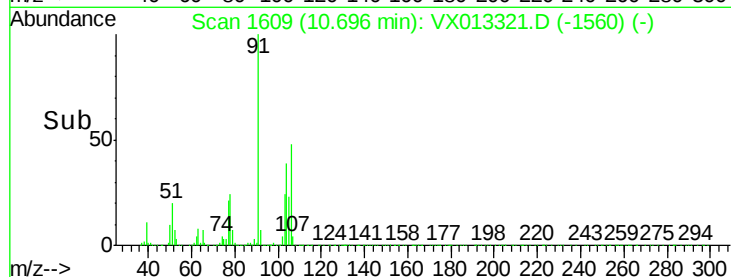
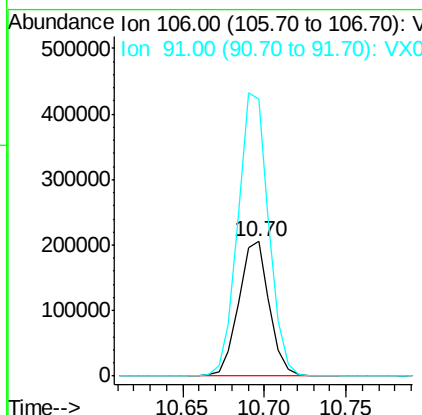
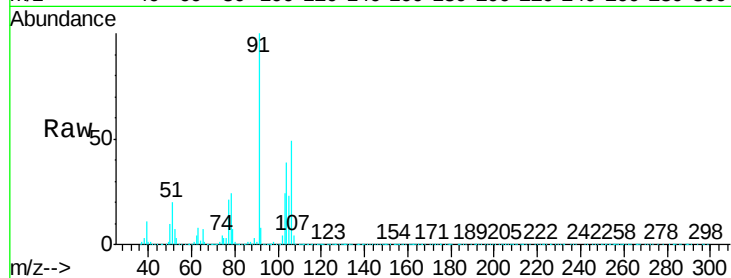
#69
o-Xylene
Concen: 20.269 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
106	100	267449		
91	212.8	105.7	317.0	

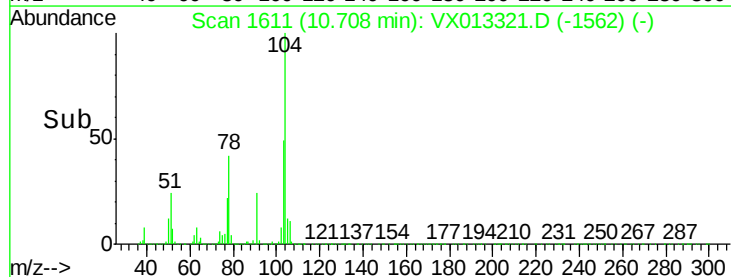
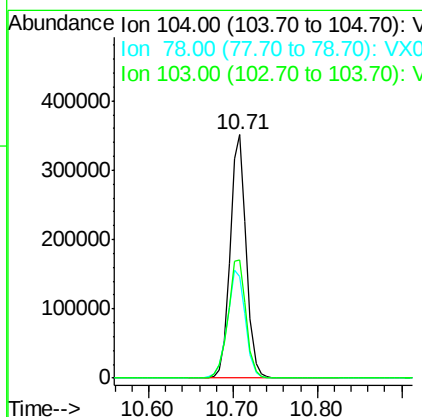
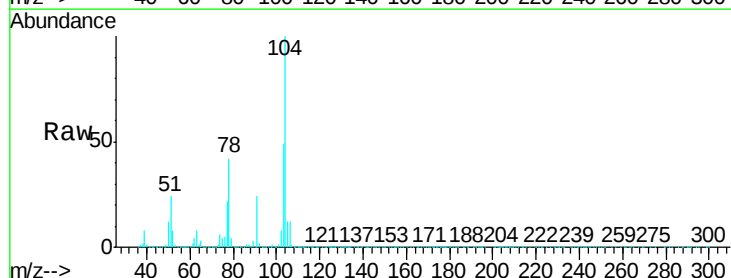
Manual Integrations
APPROVED

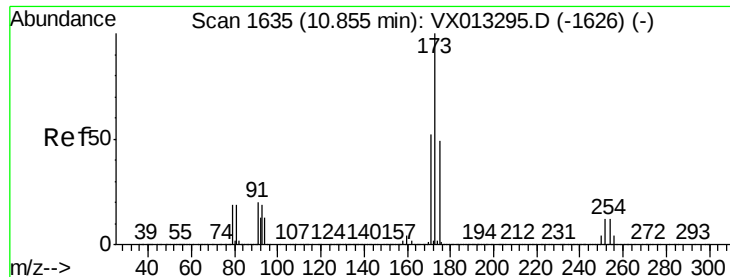
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#70
Styrene
Concen: 20.727 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	457188		
78	49.5	40.0	60.0	
103	54.3	44.1	66.1	





#71

Bromoform

Concen: 19.603 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

VX1104WBS01

Tgt Ion:173 Resp: 123184

Ion Ratio Lower Upper

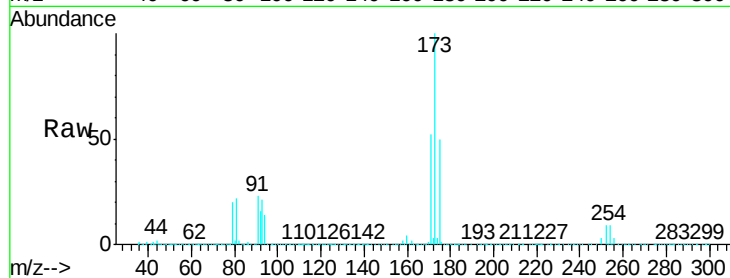
173 100

175 49.4 24.8 74.4

254 0.4 0.2 0.2#

Manual Integrations
APPROVED

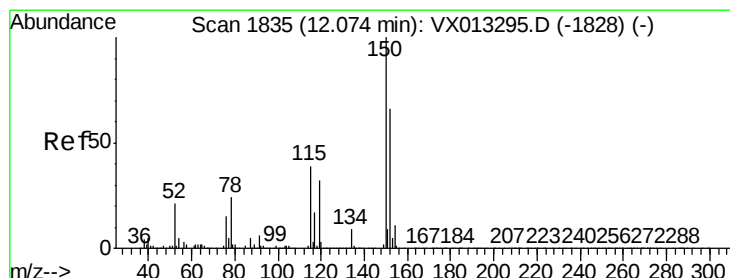
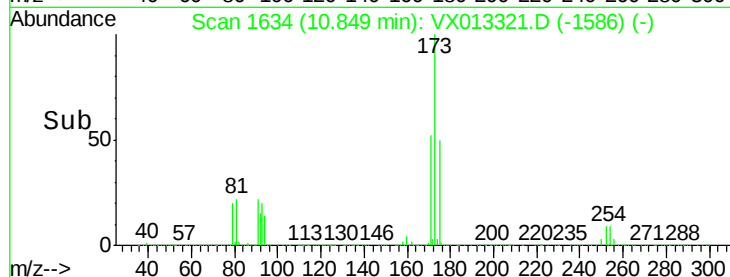
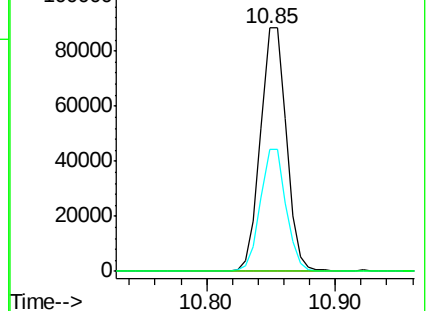
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

Tgt Ion:152 Resp: 510379

Ion Ratio Lower Upper

152 100

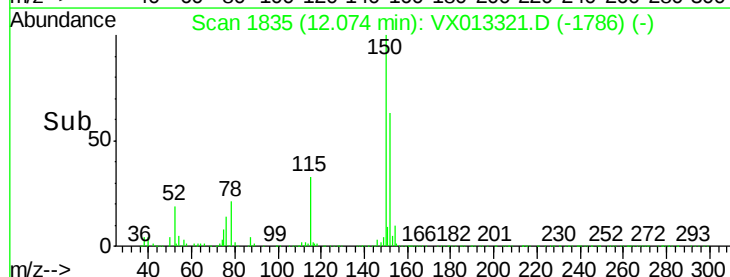
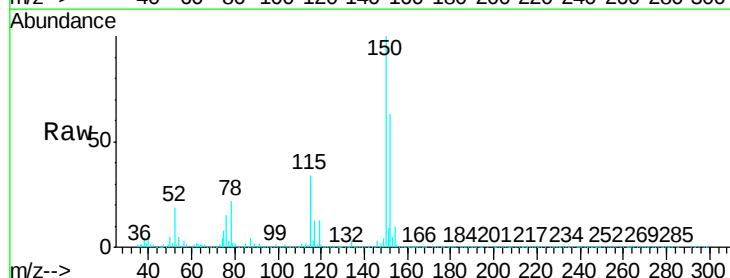
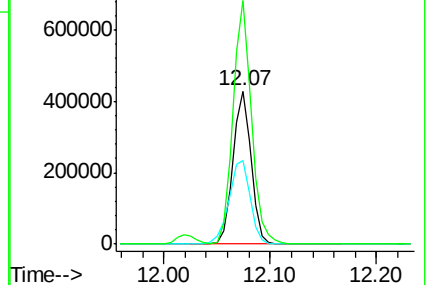
115 64.0 39.5 118.3

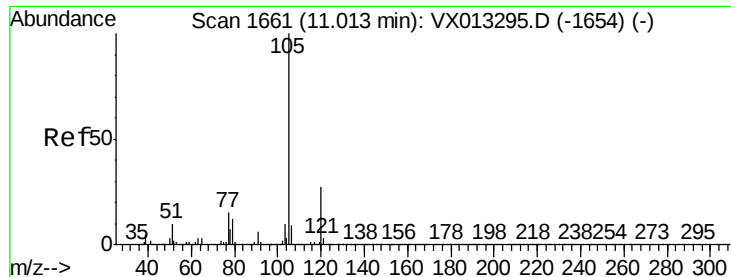
150 162.1 0.0 344.4

Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.257 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

VX1104WBS01

Tgt Ion: 105 Resp: 719301

Ion Ratio Lower Upper

105 100

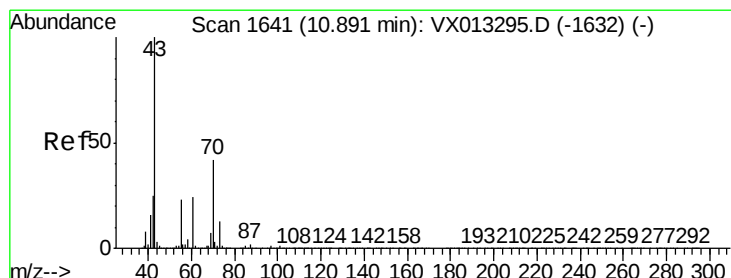
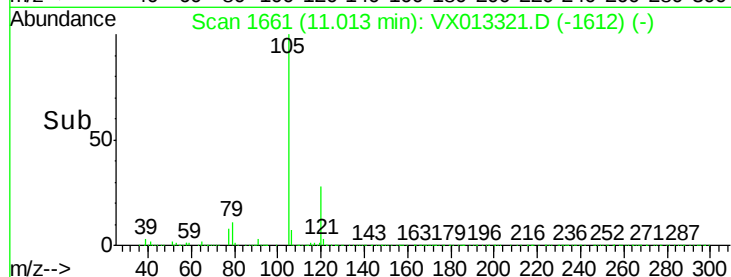
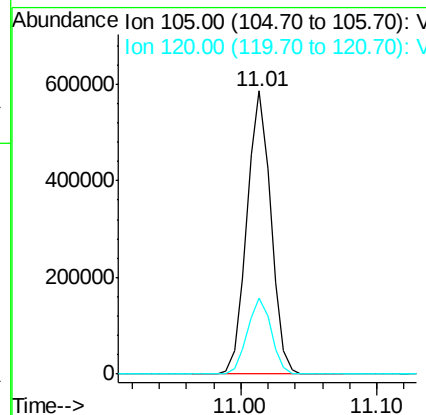
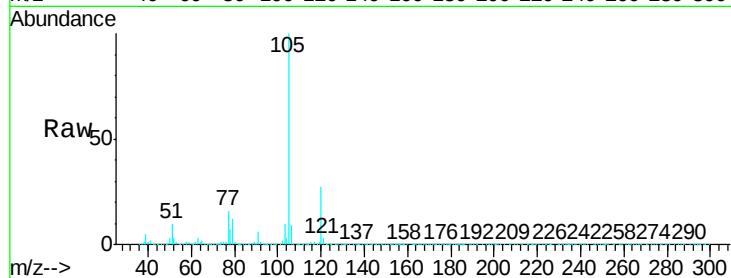
120 27.0

13.5 40.5

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#74

N-ethyl acetate

Concen: 20.602 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

Tgt Ion: 43 Resp: 323278

Ion Ratio Lower Upper

43 100

70 43.0

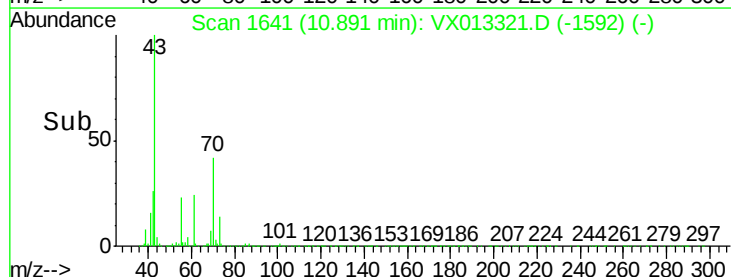
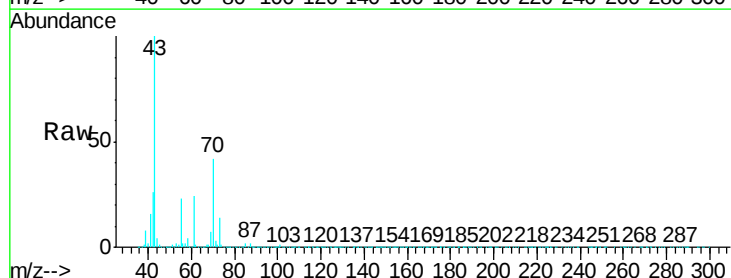
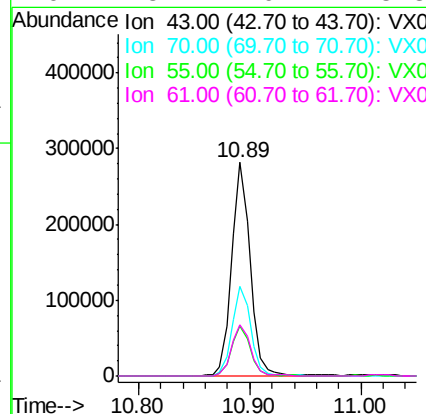
34.1 51.1

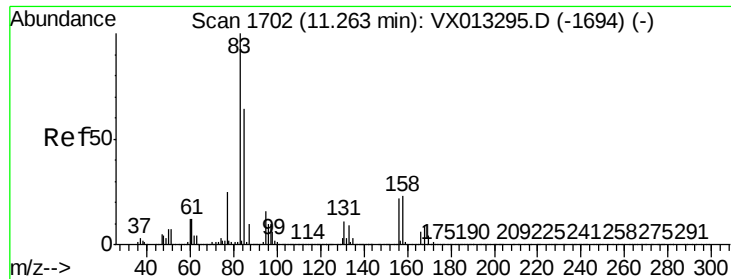
55 24.3

18.9 28.3

61 25.2

19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.806 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

VX1104WBS01

Tgt Ion: 83 Resp: 244501

Ion Ratio Lower Upper

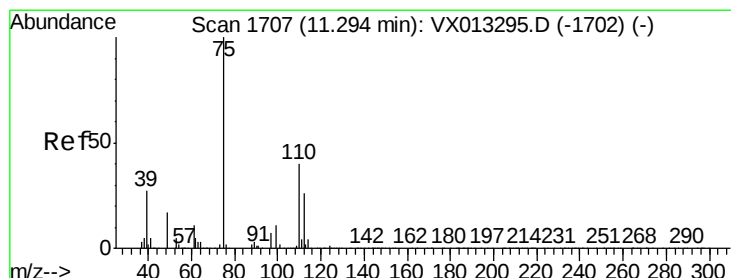
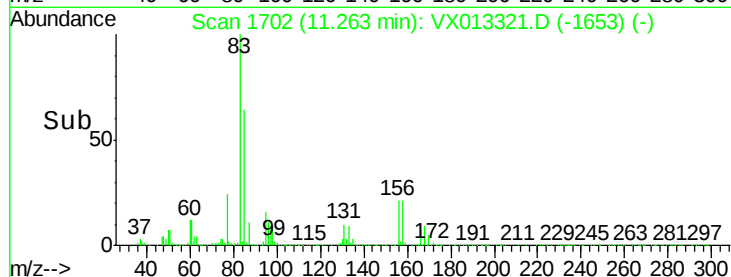
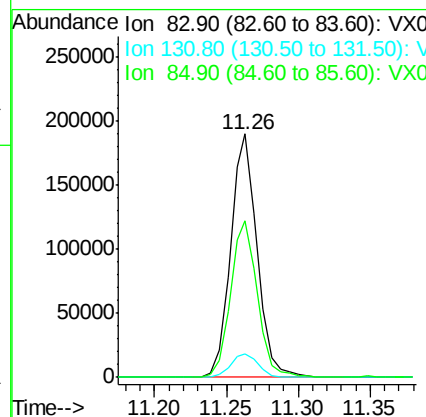
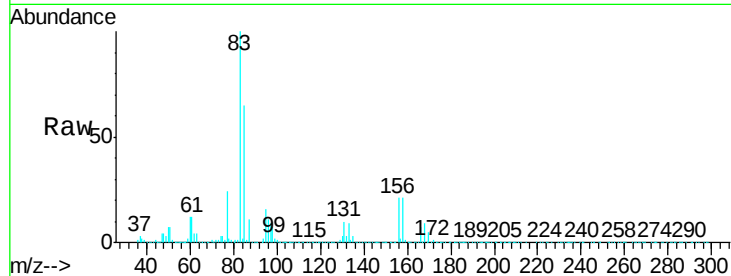
83 100

131 10.3 5.1 15.3

85 65.6 32.3 96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.267 ug/l m

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX013321.D

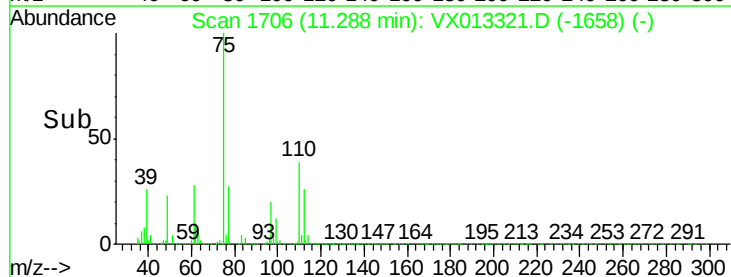
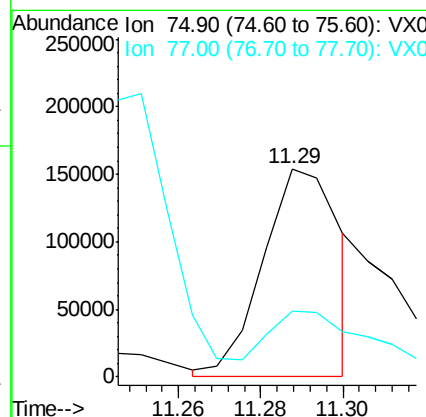
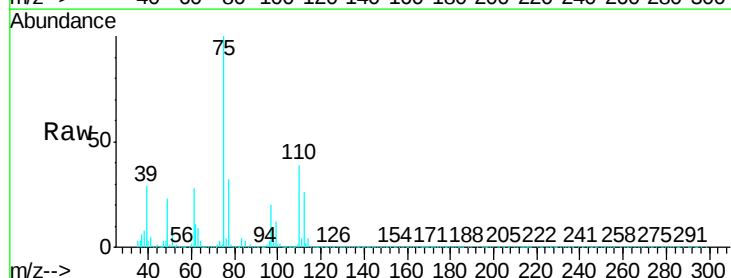
Acq: 04 Nov 2019 12:51

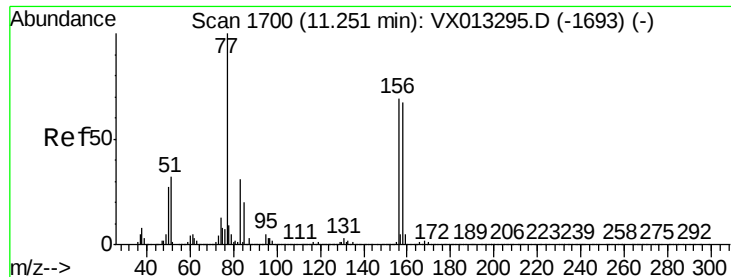
Tgt Ion: 75 Resp: 199731

Ion Ratio Lower Upper

75 100

77 42.7 22.3 66.8





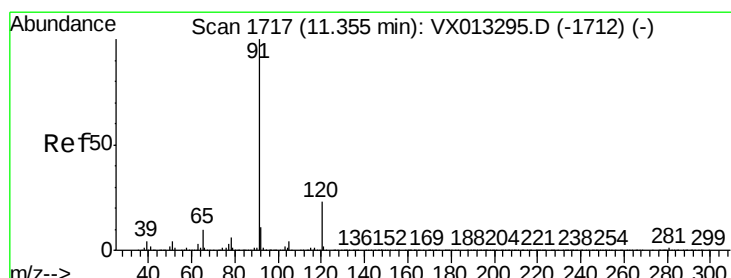
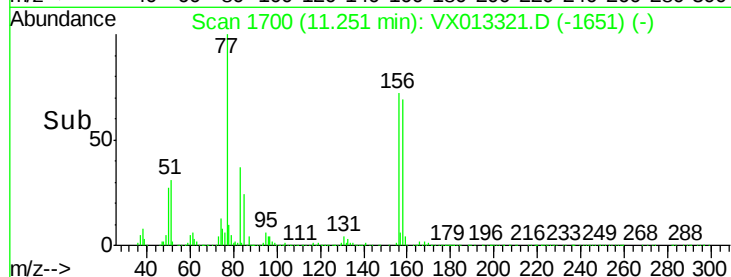
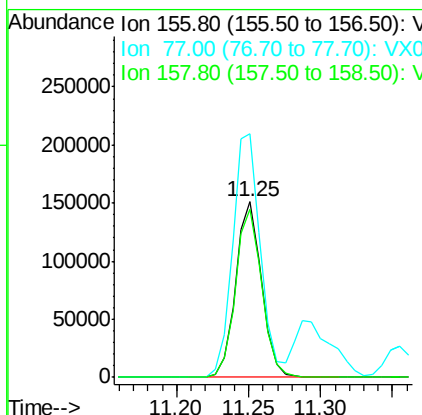
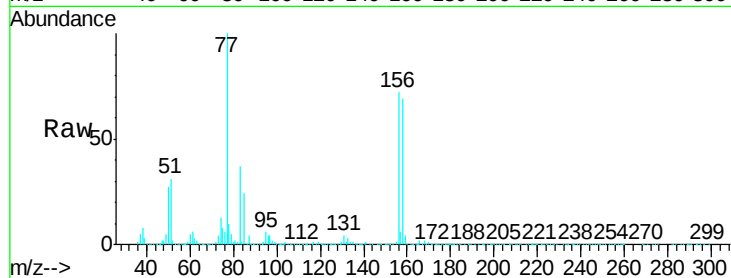
#77
Bromobenzene
Concen: 20.961 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
156	100	189093		
77	149.4	75.8	227.4	
158	97.1	47.6	142.8	

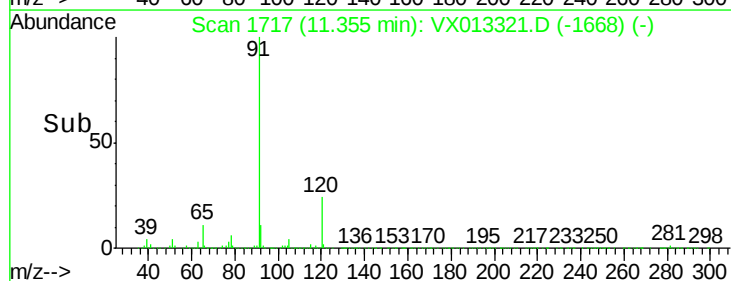
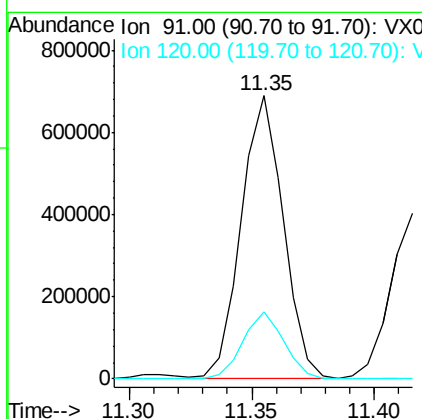
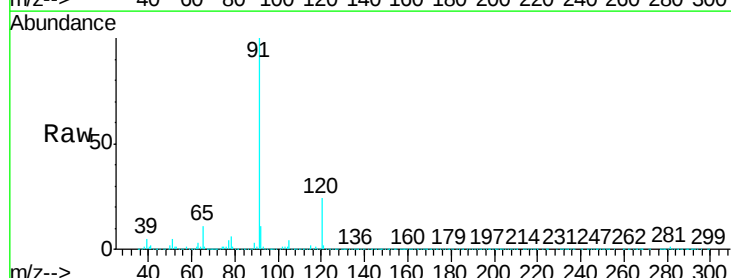
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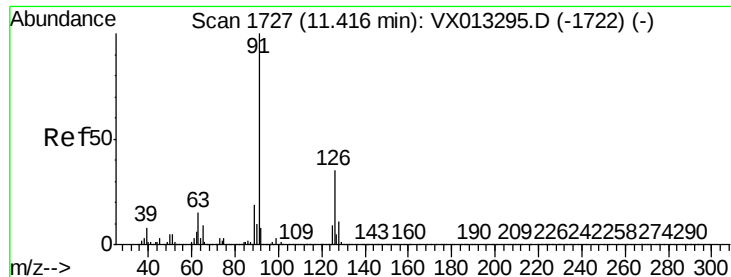
MMDadoda
11/5/2019 10:37:06 AM



#78
n-propylbenzene
Concen: 21.691 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	817643		
120	23.5	11.6	34.8	





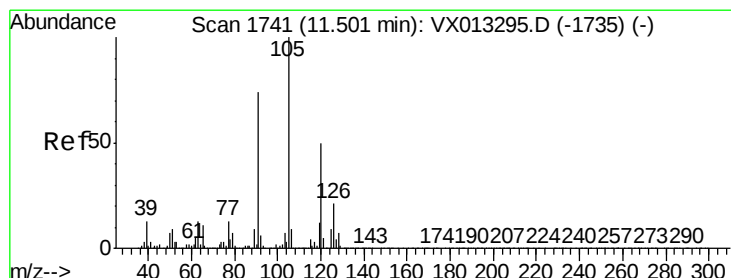
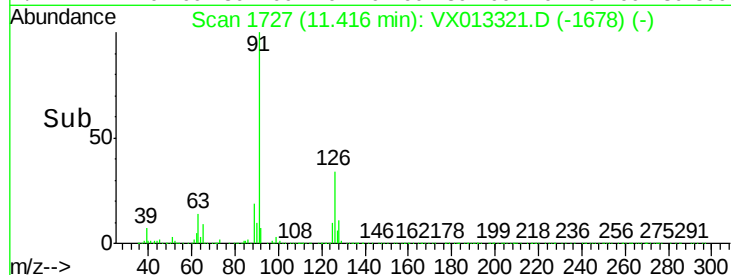
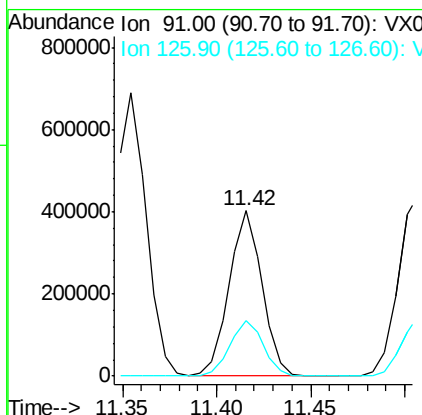
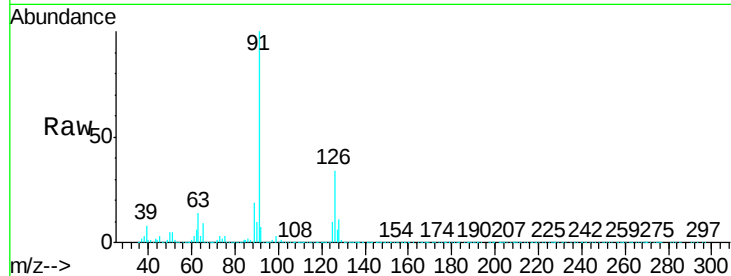
#79
2-Chlorotoluene
Concen: 21.260 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

Tgt Ion: 91 Resp: 482843
Ion Ratio Lower Upper
91 100
126 34.4 17.3 52.0

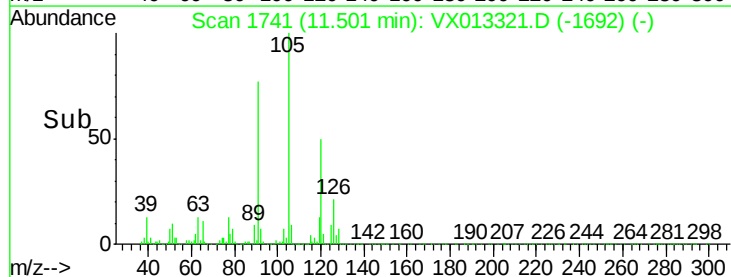
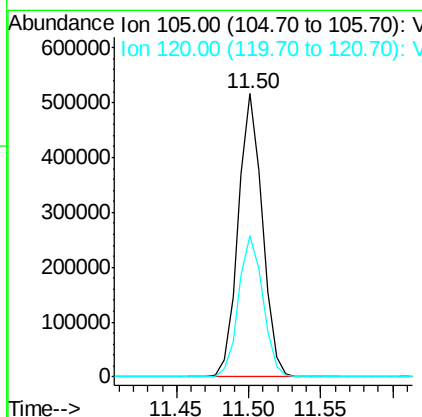
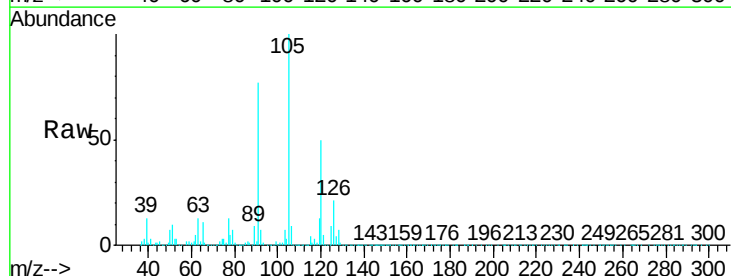
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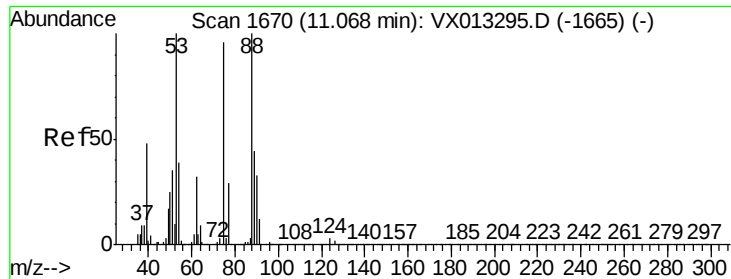
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#80
1,3,5-Trimethylbenzene
Concen: 21.292 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

Tgt Ion: 105 Resp: 600124
Ion Ratio Lower Upper
105 100
120 50.4 24.9 74.8





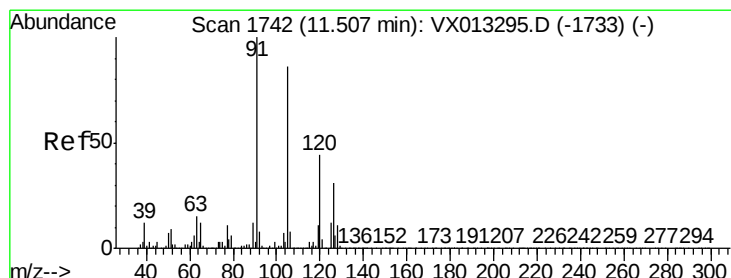
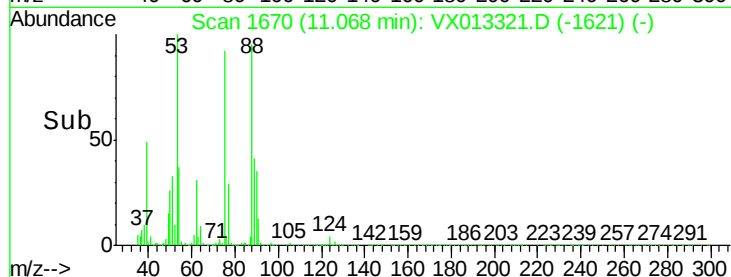
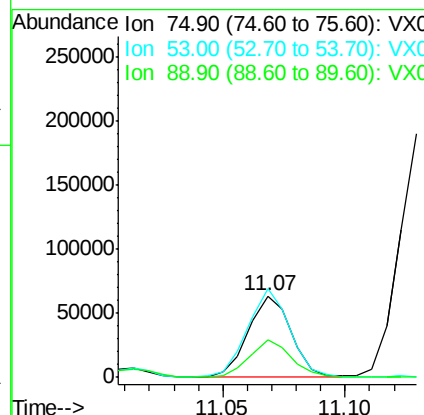
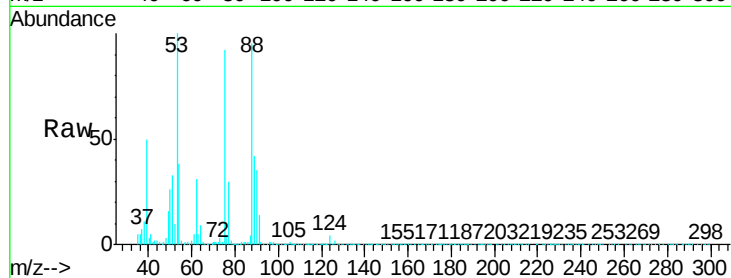
#81
trans-1,4-Dichloro-2-butene
Concen: 19.208 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	105.9	81.0	121.6
89	46.5	36.0	54.0

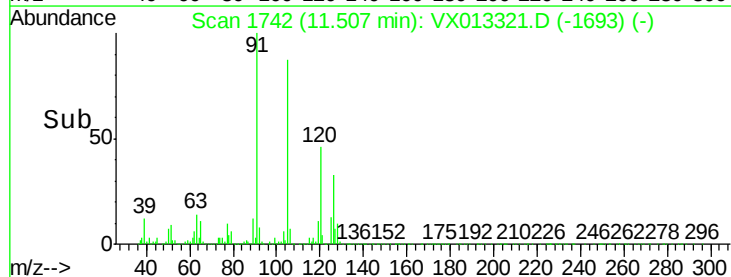
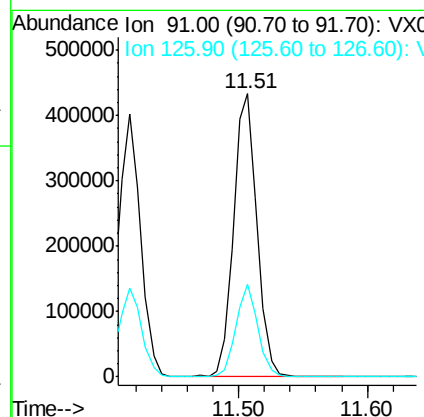
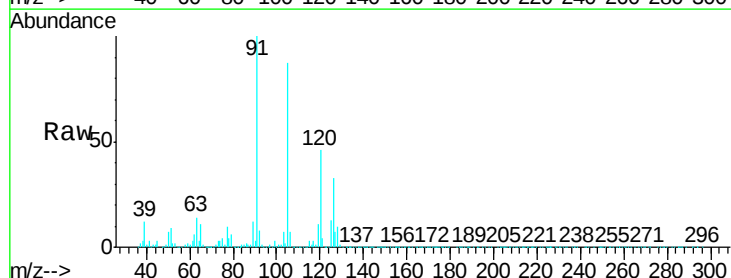
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#82
4-Chlorotoluene
Concen: 20.639 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.7	15.3	45.8





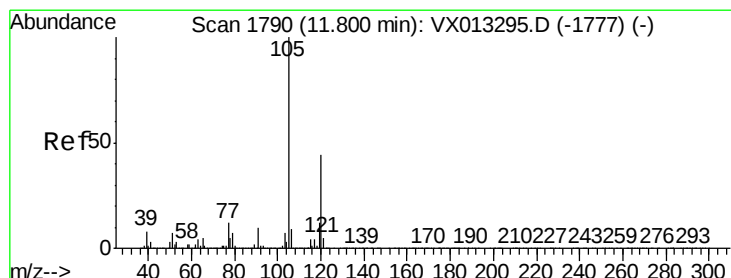
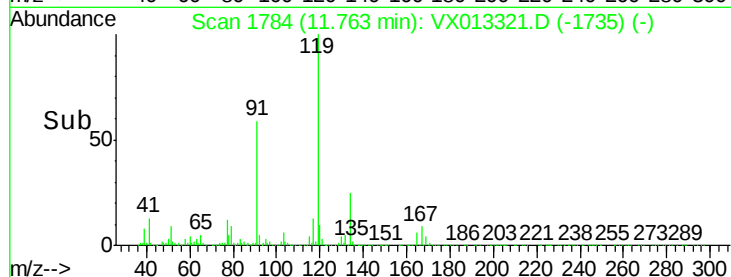
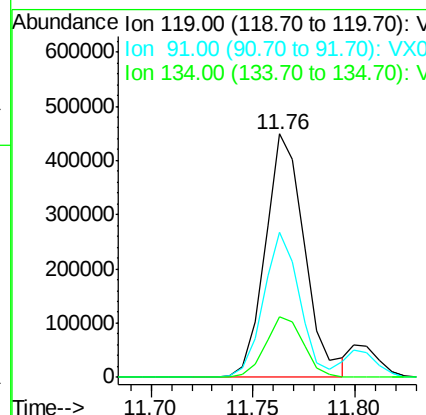
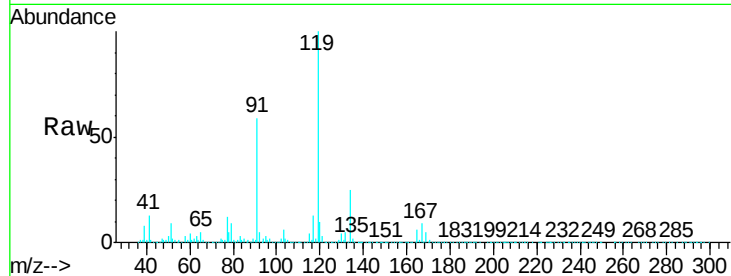
#83
 tert-Butylbenzene
 Concen: 21.213 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX013321.D
 Acq: 04 Nov 2019 12:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1104WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	601872		
91	54.7	26.9	80.7	
134	24.0	11.7	35.1	

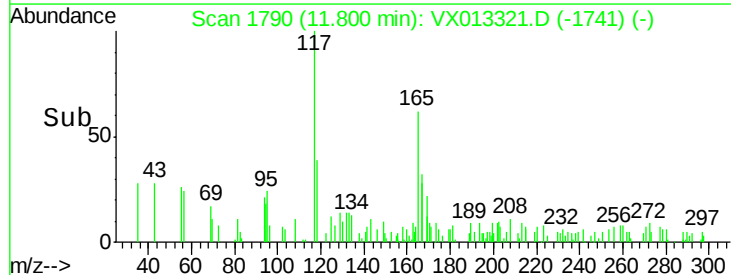
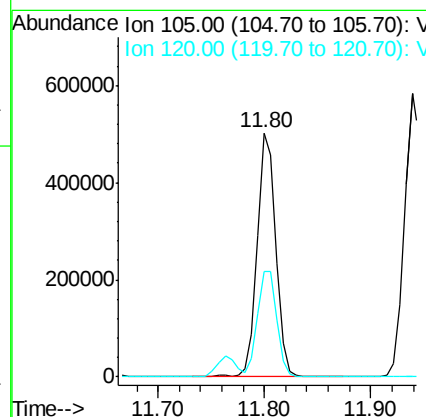
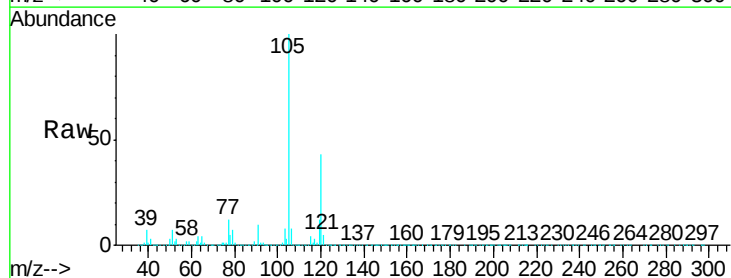
Manual Integrations
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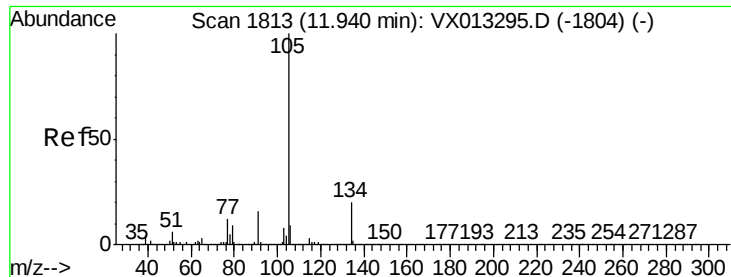
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.845 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX013321.D
 Acq: 04 Nov 2019 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	617669		
120	45.2	22.7	68.1	





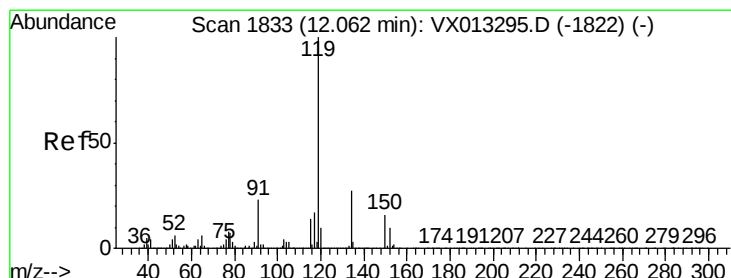
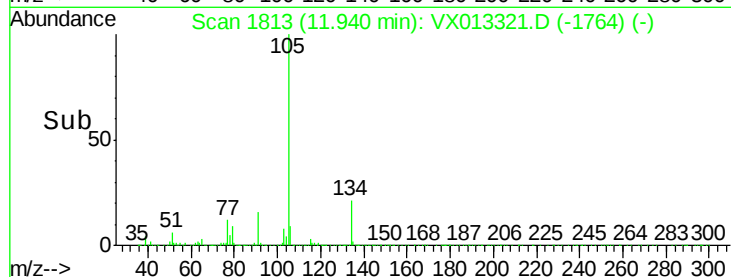
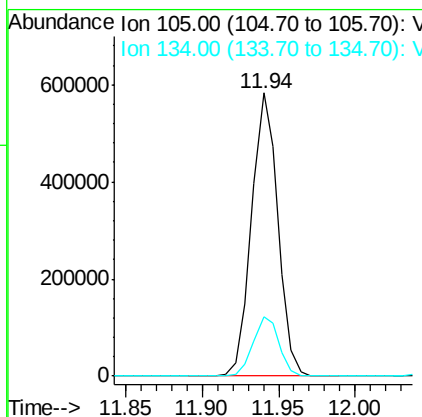
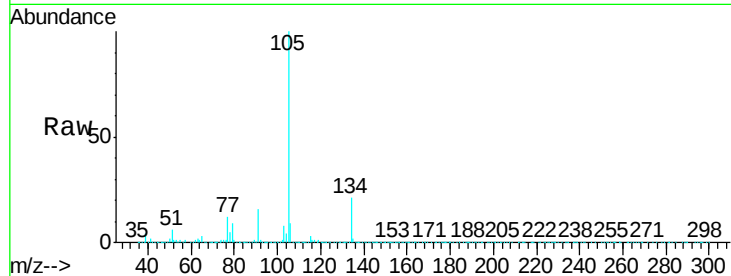
#85
 sec-Butylbenzene
 Concen: 21.337 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013321.D
 Acq: 04 Nov 2019 12:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1104WBS01

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.8	10.3	30.9

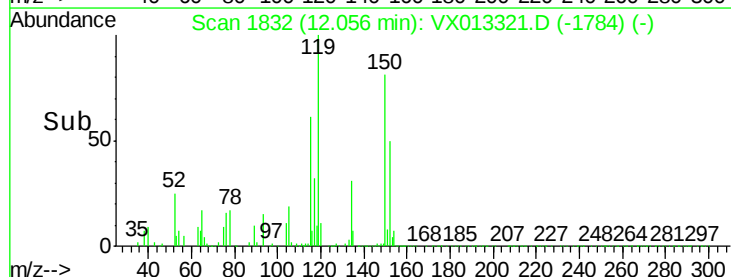
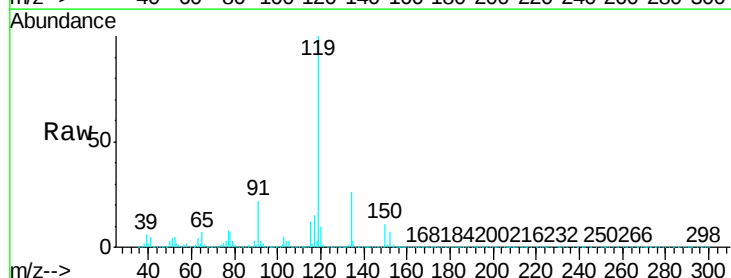
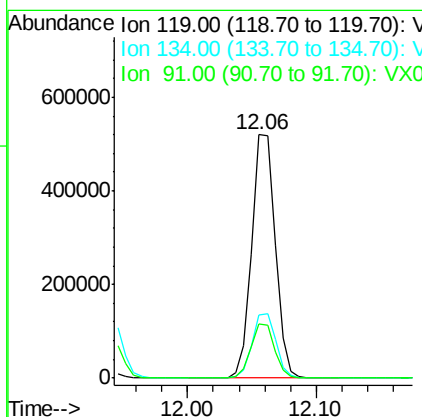
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#86
 p-Isopropyltoluene
 Concen: 21.609 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX013321.D
 Acq: 04 Nov 2019 12:51

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.3	39.8
91	22.1	11.5	34.4





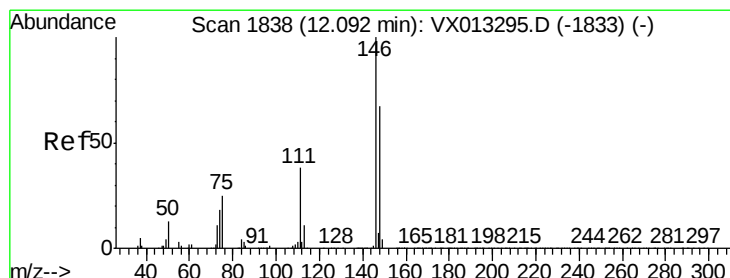
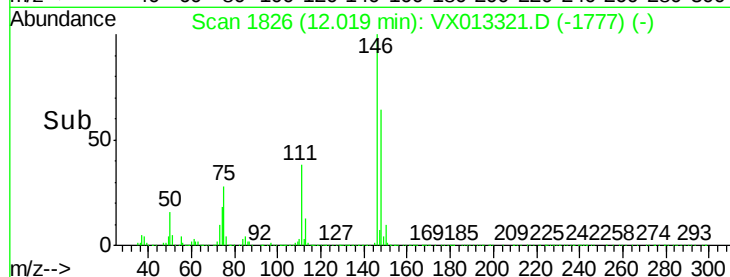
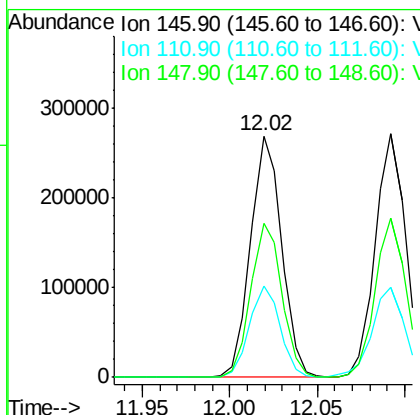
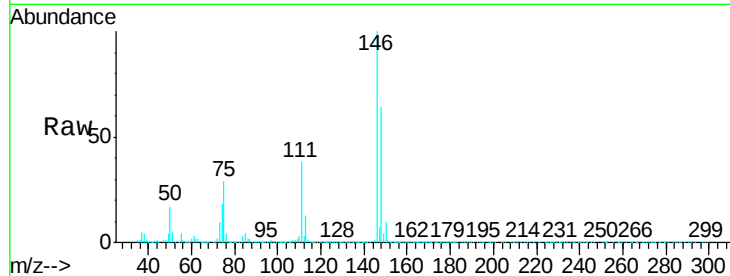
#87
 1,3-Dichlorobenzene
 Concen: 20.738 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013321.D
 Acq: 04 Nov 2019 12:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1104WBS01

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
111	37.6	18.9	56.5
148	63.9	31.9	95.7

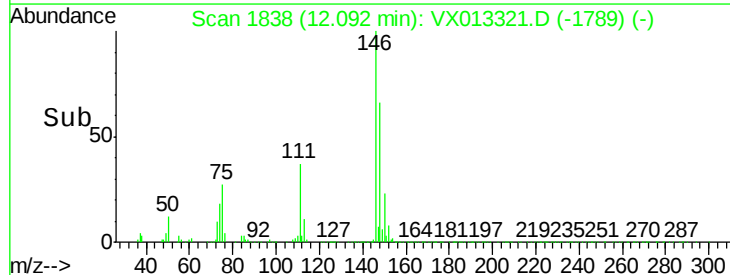
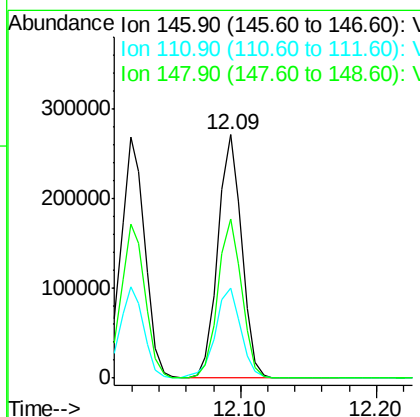
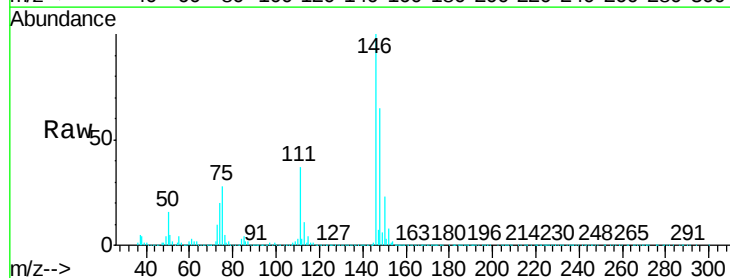
Manual Integrations
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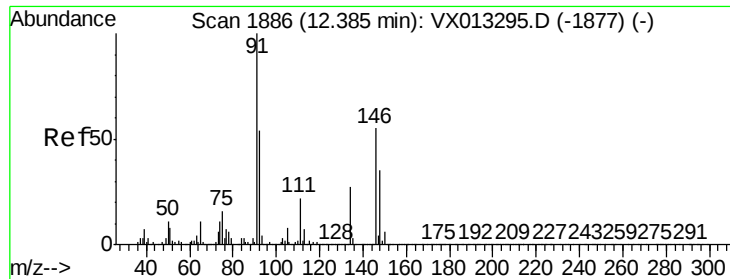
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#88
 1,4-Dichlorobenzene
 Concen: 20.046 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013321.D
 Acq: 04 Nov 2019 12:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
111	39.4	18.8	56.4
148	65.7	32.4	97.0





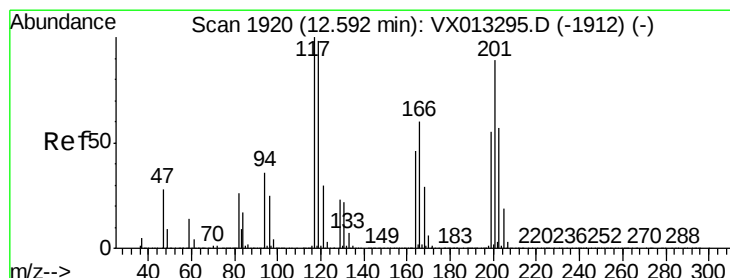
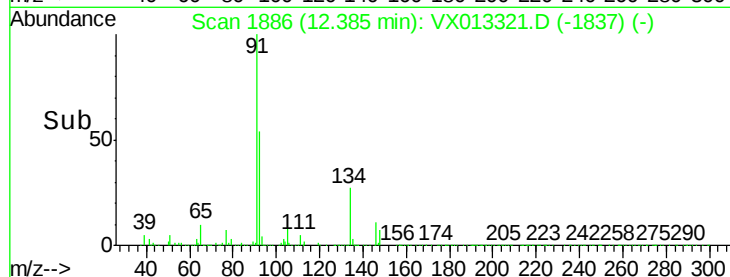
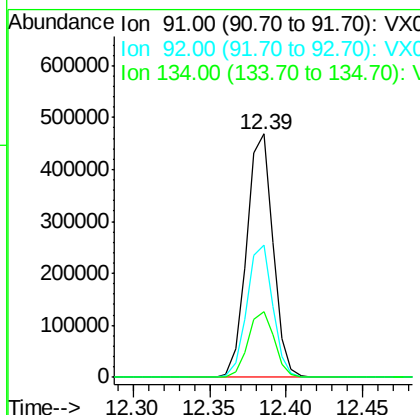
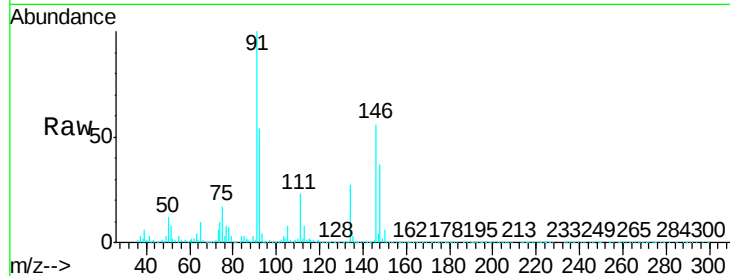
#89
n-Butylbenzene
Concen: 21.300 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

Tgt Ion	Ratio	Resp Lower	Resp Upper
91	100		
92	53.8	27.3	81.8
134	27.2	13.5	40.5

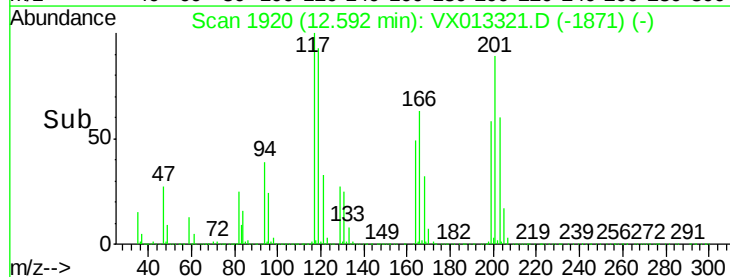
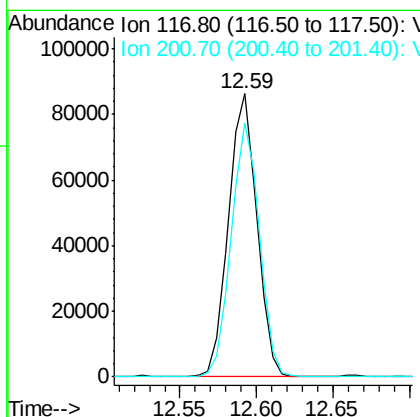
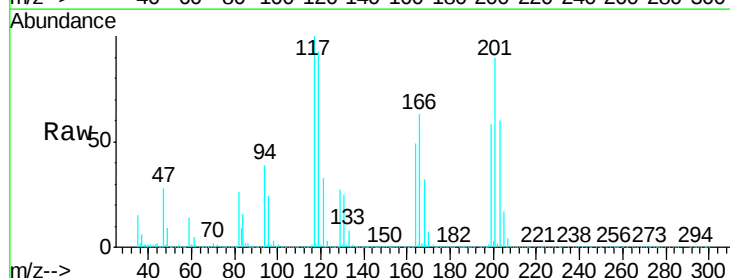
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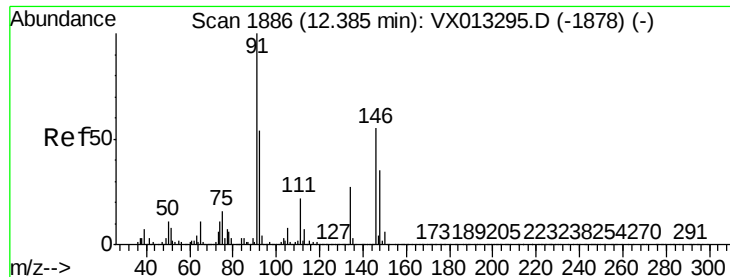
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#90
Hexachloroethane
Concen: 20.644 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
201	89.5	43.9	131.7





#91

1,2-Dichlorobenzene

Concen: 20.275 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

Instrument :

MSVOA_X

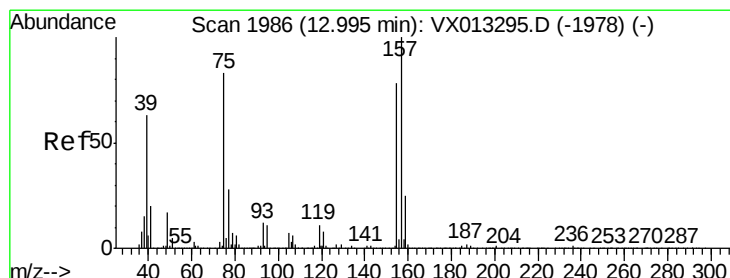
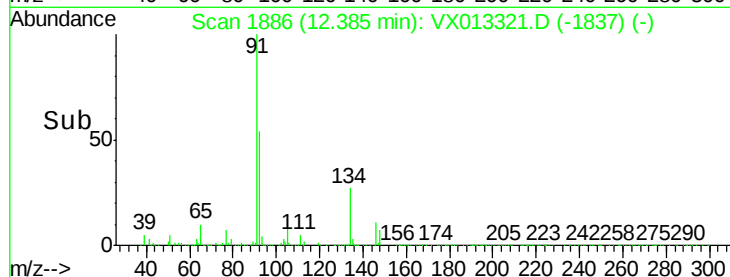
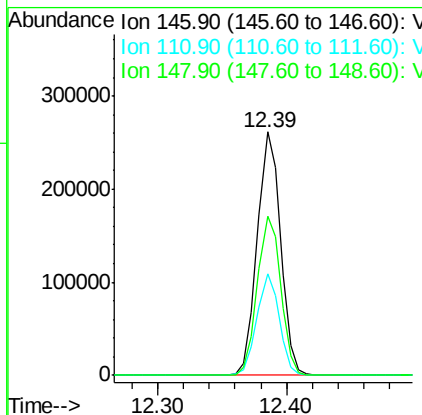
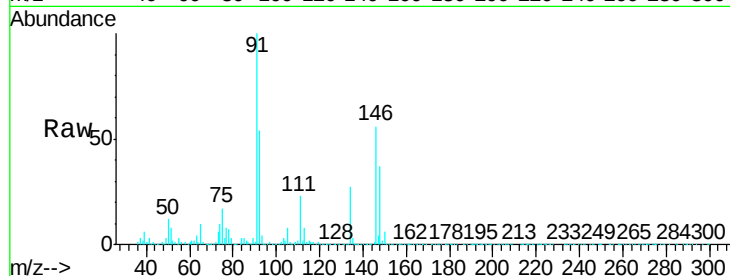
ClientSampleId :

VX1104WBS01

Tgt Ion:	146	Resp:	325893
Ion Ratio	Lower	Upper	
146	100		
111	40.0	20.1	60.2
148	65.7	32.0	96.0

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#92

1,2-Dibromo-3-Chloropropane

Concen: 17.248 ug/l

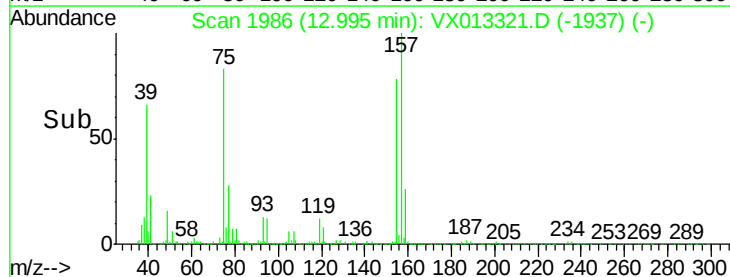
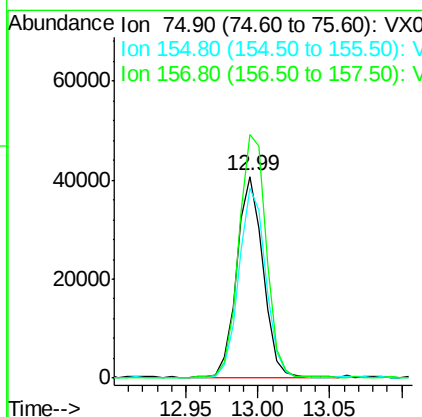
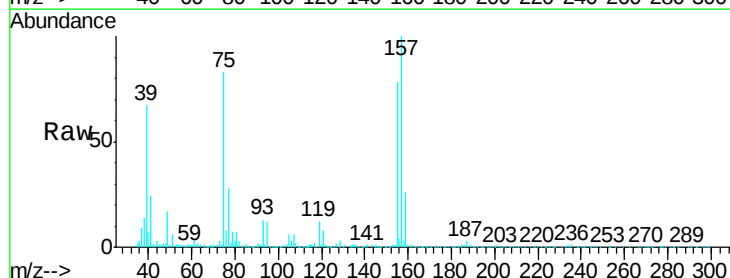
RT: 12.99 min Scan# 1986

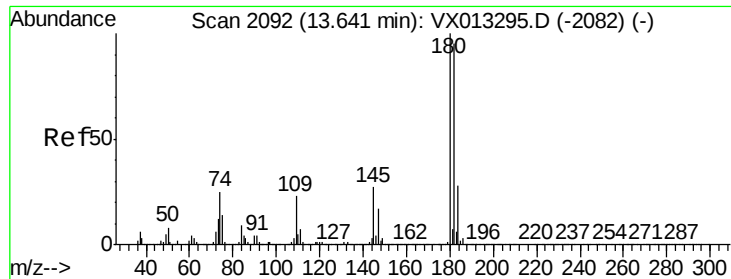
Delta R.T. -0.00 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

Tgt Ion:	75	Resp:	51875
Ion Ratio	Lower	Upper	
75	100		
155	96.3	47.1	141.4
157	126.6	61.3	183.8





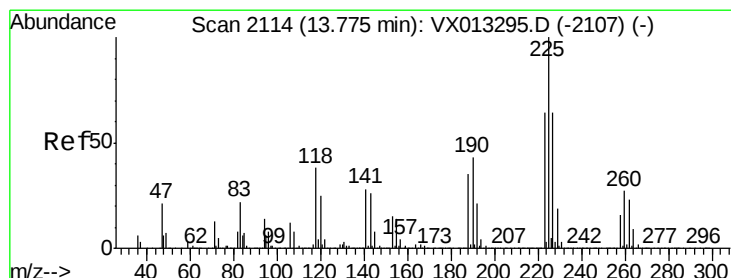
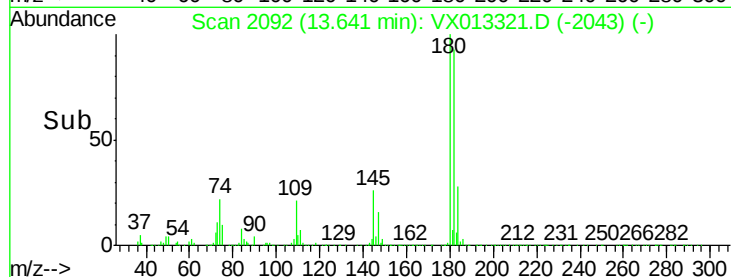
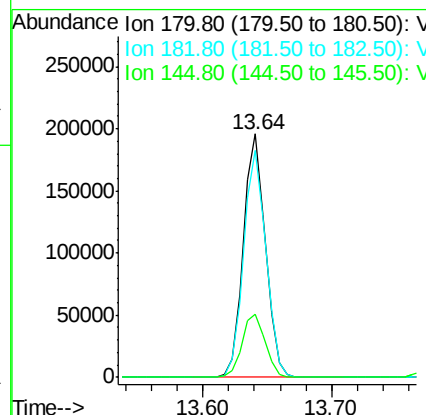
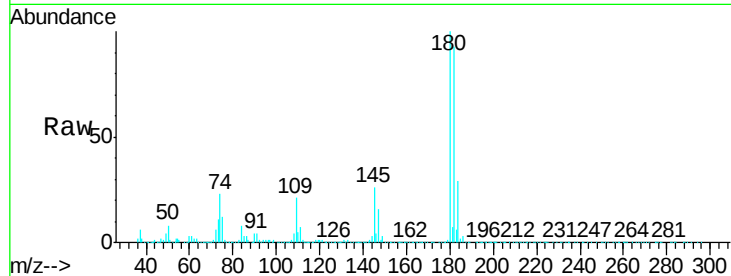
#93
1,2,4-Trichlorobenzene
Concen: 20.747 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	232618		
182	94.5	48.4	145.0	
145	27.5	14.1	42.4	

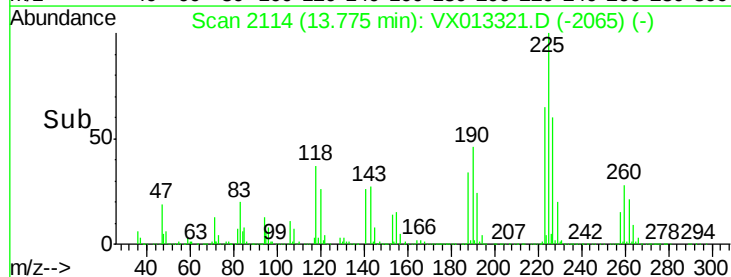
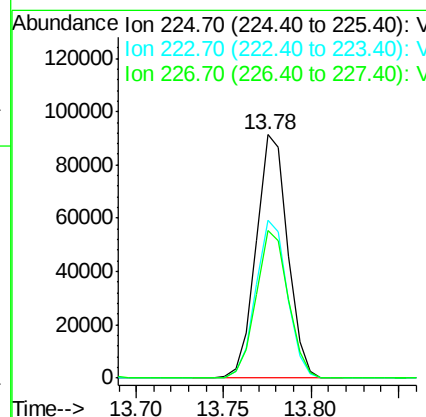
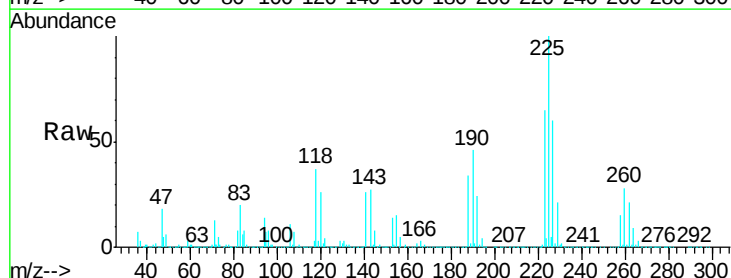
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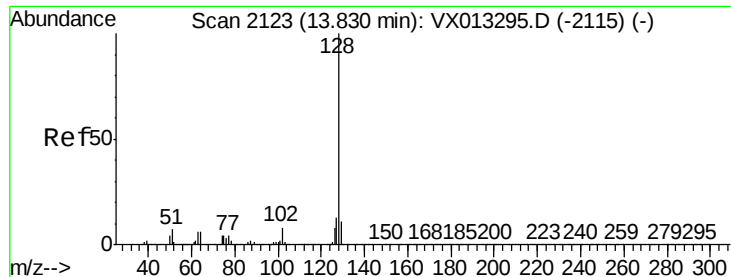
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#94
Hexachlorobutadiene
Concen: 20.930 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	114807		
223	64.7	31.9	95.7	
227	61.9	31.9	95.9	





#95

Naphthalene

Concen: 20.275 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

Instrument :

MSVOA_X

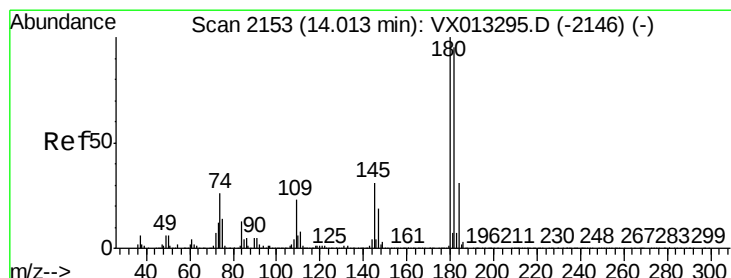
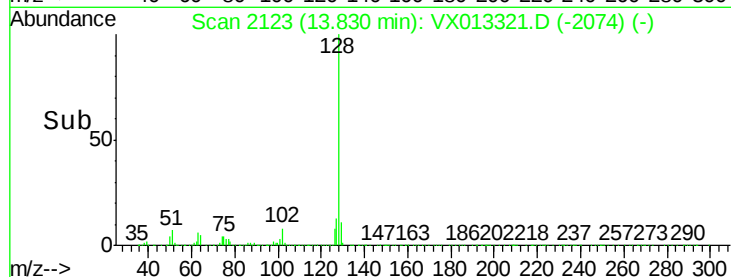
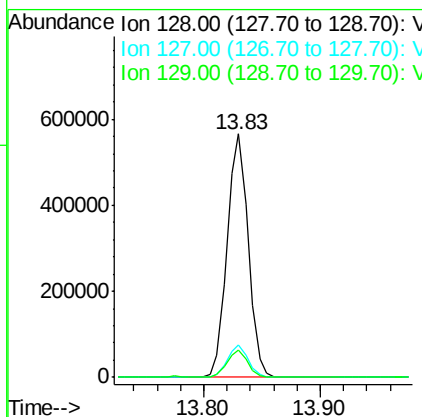
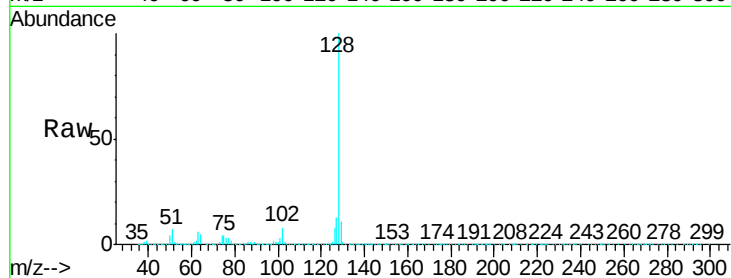
ClientSampleId :

VX1104WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	713231		
127	12.8	10.2	15.2	
129	10.9	8.5	12.7	

Manual Integrations
APPROVED

MMDadoda
11/5/2019 10:37:06 AM



#96

1,2,3-Trichlorobenzene

Concen: 20.602 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	231652		
182	95.3	48.0	144.2	
145	30.3	15.4	46.4	

