

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021220\
 Data File : VX014916.D
 Acq On : 12 Feb 2020 11:04
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 2/13/2020 11:15:49 AM

Quant Time: Feb 13 03:43:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	462617	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	668800	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	621337	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	332430	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	260678	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
35) Dibromofluoromethane	5.48	113	214548	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	
50) Toluene-d8	8.71	98	825578	52.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.20%	
62) 4-Bromofluorobenzene	11.13	95	300626	53.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	228650	52.191	ug/l	100
3) Chloromethane	1.32	50	242174	48.757	ug/l	98
4) Vinyl Chloride	1.40	62	258911	48.388	ug/l	98
5) Bromomethane	1.63	94	165554	47.800	ug/l	100
6) Chloroethane	1.72	64	159595	46.615	ug/l	99
7) Trichlorofluoromethane	1.92	101	365869	48.940	ug/l	99
8) Diethyl Ether	2.18	74	145058	46.792	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	212460	48.960	ug/l	98
10) Methyl Iodide	2.50	142	245118	50.610	ug/l	99
11) Tert butyl alcohol	3.02	59	213618	231.730	ug/l	99
12) 1,1-Dichloroethene	2.37	96	205579	48.482	ug/l	99
13) Acrolein	2.28	56	171586	244.219	ug/l	98
14) Allyl chloride	2.72	41	350876	46.672	ug/l	99
15) Acrylonitrile	3.12	53	548116	234.545	ug/l	99
16) Acetone	2.43	43	765404	273.960	ug/l	99
17) Carbon Disulfide	2.56	76	559157	47.196	ug/l	99
18) Methyl Acetate	2.76	43	246430	46.865	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	672434	48.726	ug/l	99
20) Methylene Chloride	2.84	84	230360	45.866	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	219195	46.848	ug/l	97
22) Diisopropyl ether	3.84	45	712644	49.631	ug/l	96
23) Vinyl Acetate	3.80	43	3023095	255.402	ug/l	100
24) 1,1-Dichloroethane	3.69	63	392211	48.399	ug/l	99
25) 2-Butanone	4.65	43	914850	257.382	ug/l	99
26) 2,2-Dichloropropane	4.57	77	336020	48.114	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	252650	48.306	ug/l	99
28) Bromochloromethane	5.00	49	165062	52.549	ug/l	100
29) Tetrahydrofuran	5.11	42	484465	239.765	ug/l	100
30) Chloroform	5.20	83	394155	49.023	ug/l	99
31) Cyclohexane	5.57	56	361207	48.938	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	345139	49.073	ug/l	100
36) 1,1-Dichloropropene	5.79	75	301078	50.325	ug/l	99
37) Ethyl Acetate	4.81	43	303091	48.574	ug/l	99
38) Carbon Tetrachloride	5.77	117	298284	51.161	ug/l	98

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MMDadoda
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Quant Time: Feb 13 03:43:39 2020
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 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	380295	50.827	ug/l	99
40) Benzene	6.13	78	887926	49.674	ug/l	99
41) Methacrylonitrile	5.02	41	171275	50.952	ug/l	100
42) 1,2-Dichloroethane	6.18	62	317830	49.196	ug/l	100
43) Isopropyl Acetate	6.43	43	507166	49.272	ug/l	100
44) Trichloroethene	7.20	130	256309	49.394	ug/l	98
45) 1,2-Dichloropropane	7.50	63	227091	49.815	ug/l	99
46) Dibromomethane	7.65	93	152547	48.954	ug/l	98
47) Bromodichloromethane	7.89	83	310912	50.321	ug/l	97
48) Methyl methacrylate	7.76	41	251914	49.730	ug/l	99
49) 1,4-Dioxane	7.73	88	95876	1012.285	ug/l	100
51) 4-Methyl-2-Pentanone	8.63	43	1544171	248.445	ug/l	100
52) Toluene	8.78	92	570577	50.257	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	343434	50.719	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	379507	50.734	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	229065	49.870	ug/l	98
56) Ethyl methacrylate	9.17	69	354685	51.373	ug/l	99
57) 1,3-Dichloropropane	9.36	76	379266	49.052	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	921192	255.128	ug/l	100
59) 2-Hexanone	9.48	43	1304504	267.024	ug/l	99
60) Dibromochloromethane	9.57	129	253047	51.192	ug/l	99
61) 1,2-Dibromoethane	9.67	107	241484	48.725	ug/l	100
64) Tetrachloroethene	9.33	164	267331	46.018	ug/l	98
65) Chlorobenzene	10.13	112	625125	49.604	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	233192	50.968	ug/l	99
67) Ethyl Benzene	10.25	91	1093203	51.006	ug/l	99
68) m/p-Xylenes	10.36	106	843908	102.210	ug/l	99
69) o-Xylene	10.69	106	405554	51.098	ug/l	99
70) Styrene	10.70	104	705716	52.559	ug/l	100
71) Bromoform	10.85	173	198992	52.107	ug/l	98
73) Isopropylbenzene	11.01	105	1095133	52.532	ug/l	100
74) N-amyl acetate	10.89	43	456906	52.748	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	335069	49.169	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	288596m	48.008	ug/l	
77) Bromobenzene	11.25	156	285423	49.053	ug/l	99
78) n-propylbenzene	11.35	91	1257837	52.167	ug/l	100
79) 2-Chlorotoluene	11.42	91	720582	50.834	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	918740	52.744	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	116595	49.647	ug/l	99
82) 4-Chlorotoluene	11.51	91	844246	50.293	ug/l	100
83) tert-Butylbenzene	11.76	119	875445	53.073	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	921719	52.507	ug/l	100
85) sec-Butylbenzene	11.94	105	1073410	52.383	ug/l	100
86) p-Isopropyltoluene	12.06	119	1002106	52.260	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	519267	49.745	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	519774	48.761	ug/l	99
89) n-Butylbenzene	12.38	91	891328	51.901	ug/l	99
90) Hexachloroethane	12.59	117	175934	52.538	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	511175	49.936	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	72895	45.595	ug/l	98

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Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

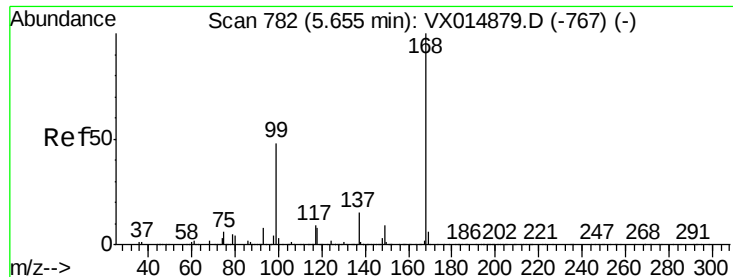
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	372209	49.261	ug/l	100
94) Hexachlorobutadiene	13.78	225	184941	50.605	ug/l	97
95) Naphthalene	13.83	128	1056426	52.586	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	376416	51.564	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. -0.01 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

Instrument :

MSVOA_X

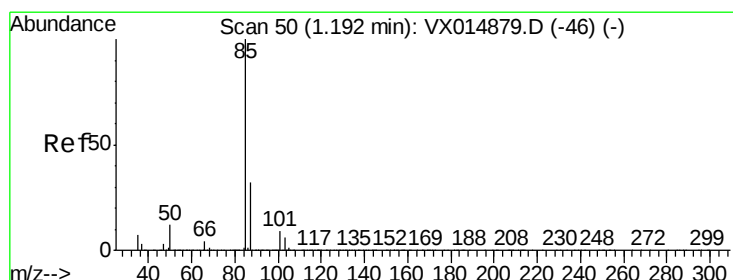
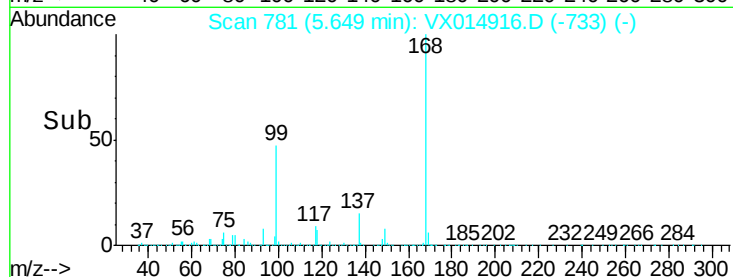
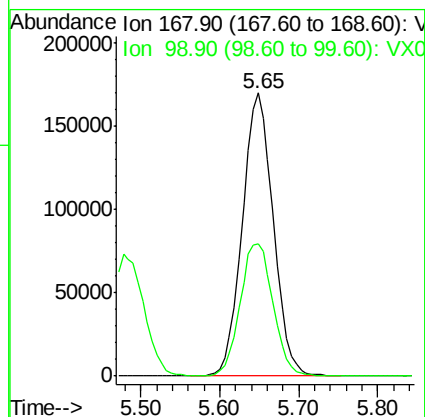
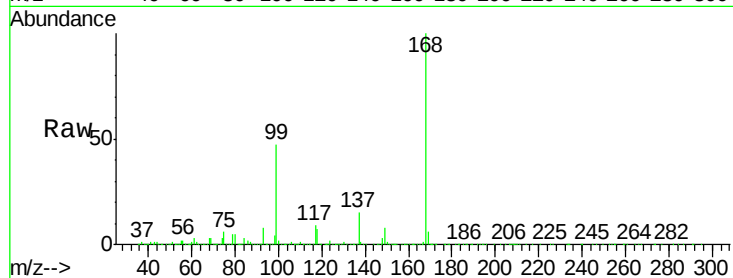
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	46.8	38.7	58.1

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 52.191 ug/l

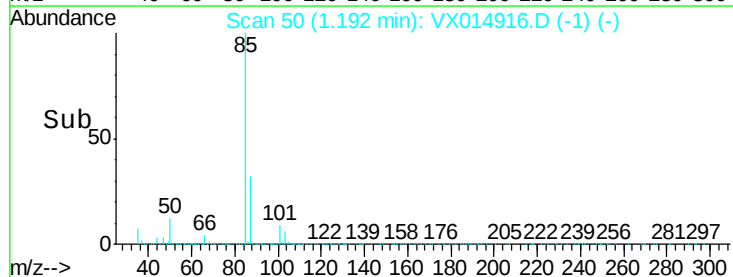
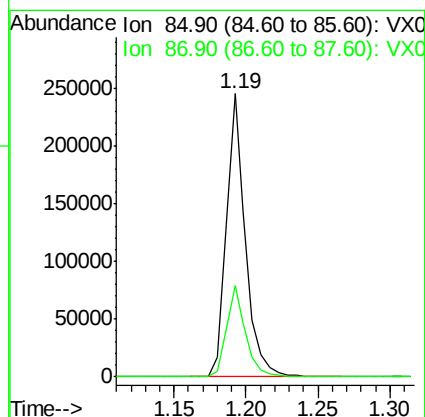
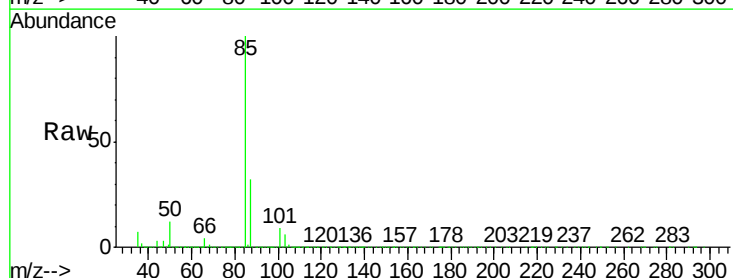
RT: 1.19 min Scan# 50

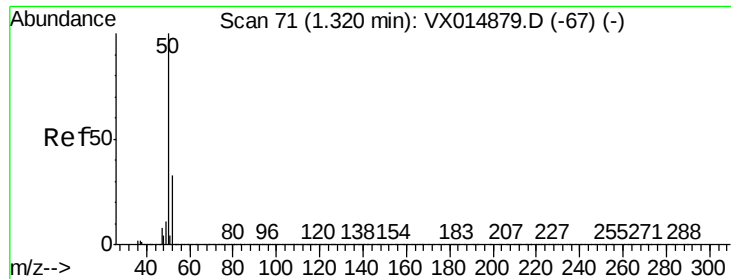
Delta R.T. 0.00 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.3	16.1	48.2





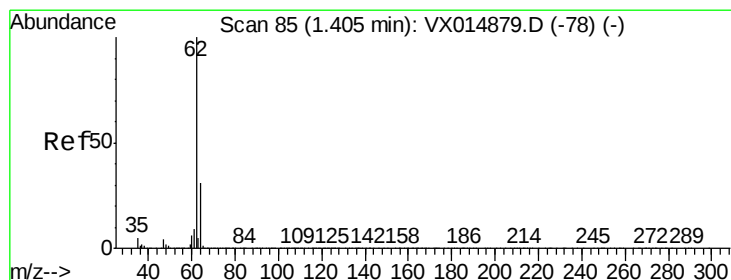
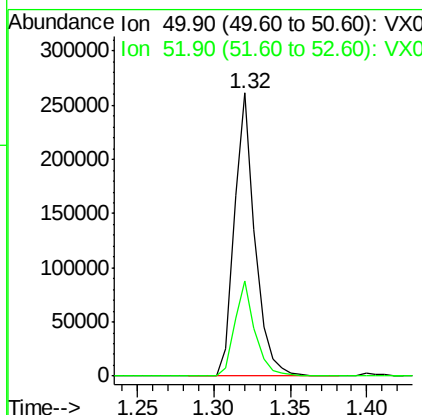
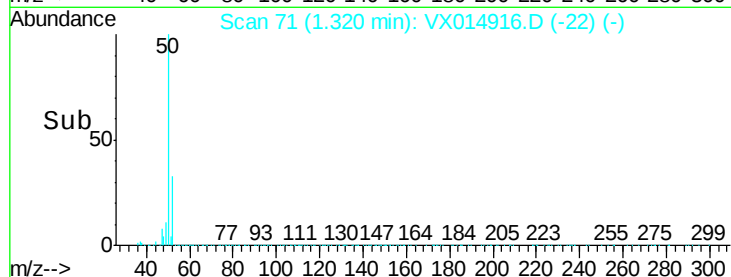
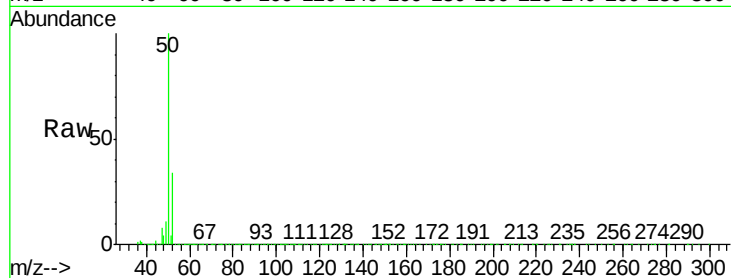
#3
Chloromethane
Concen: 48.757 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
50	100		
52	33.6	26.2	39.2

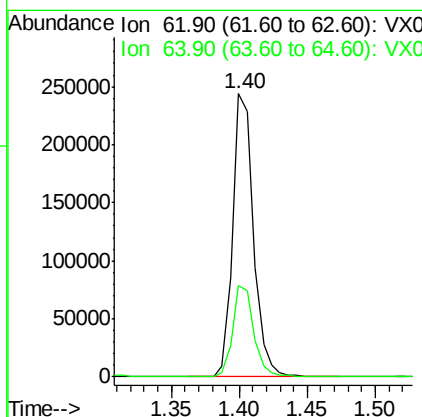
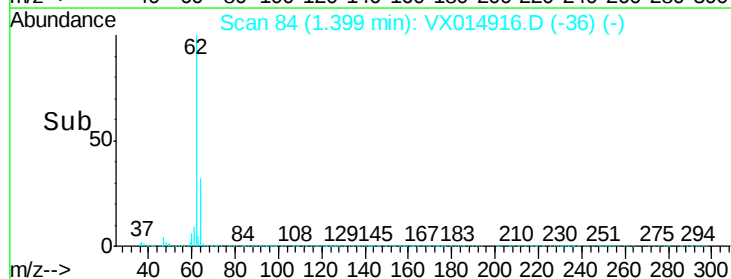
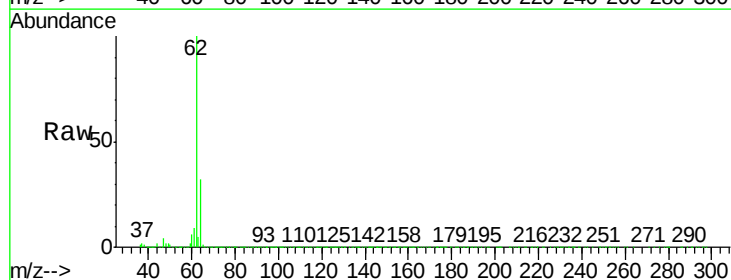
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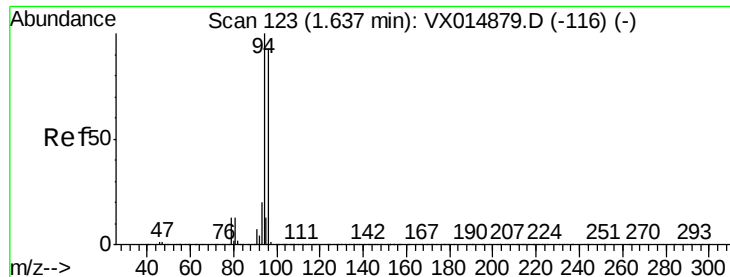
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#4
Vinyl Chloride
Concen: 48.388 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.01 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

Tgt Ion	Ratio	Lower	Upper
62	100		
64	32.1	24.8	37.2





#5

Bromomethane

Concen: 47.800 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 165554

Ion Ratio Lower Upper

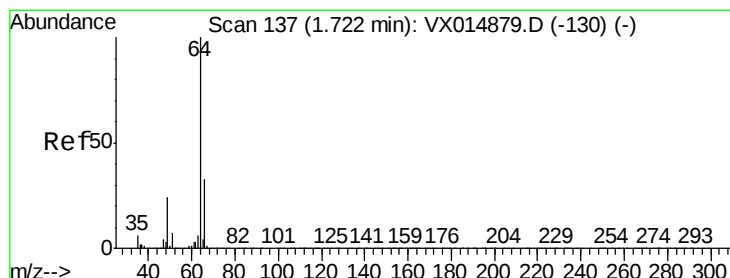
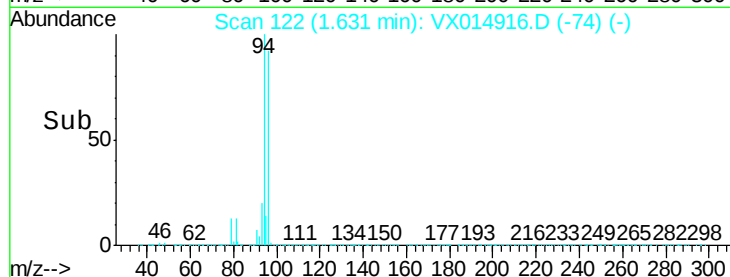
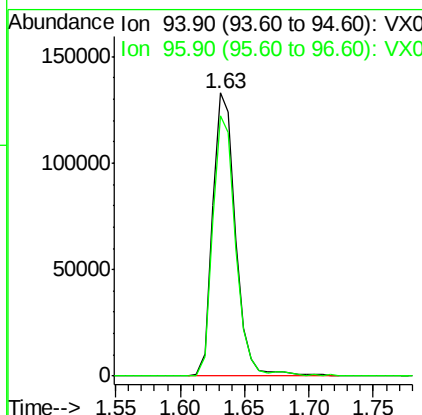
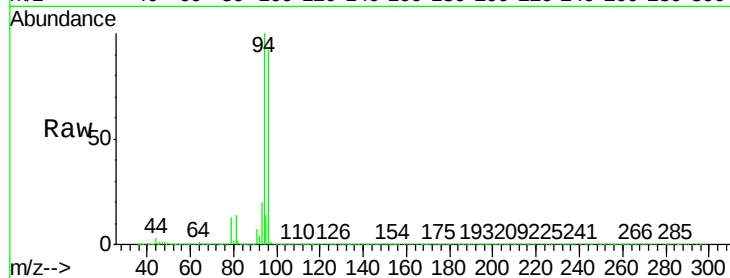
94 100

96 91.8 73.7 110.5

Manual Integrations
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#6

Chloroethane

Concen: 46.615 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX014916.D

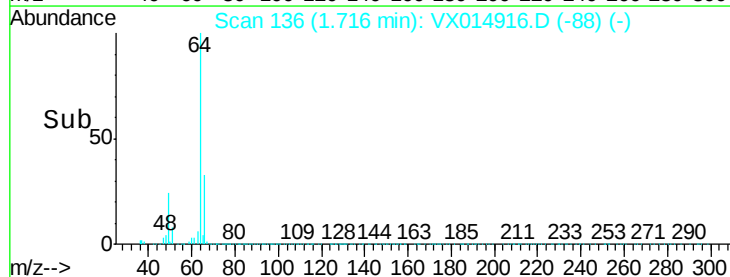
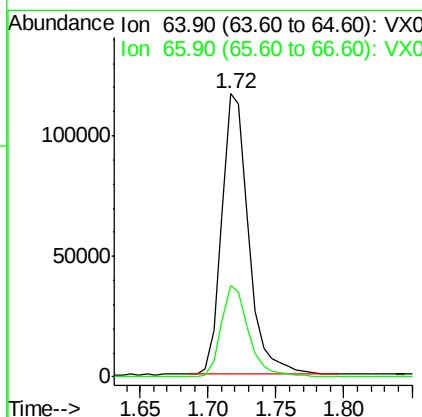
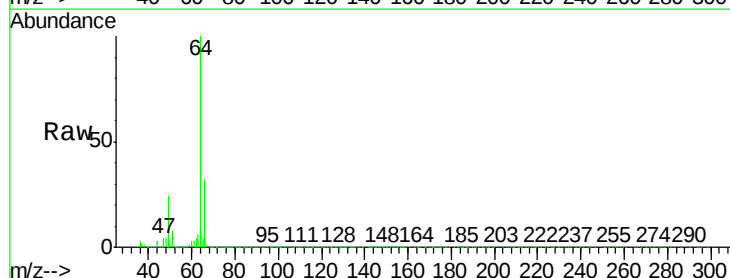
Acq: 12 Feb 2020 11:04

Tgt Ion: 64 Resp: 159595

Ion Ratio Lower Upper

64 100

66 32.2 26.2 39.4





#7

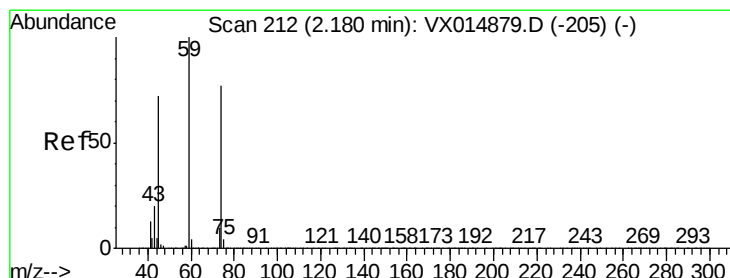
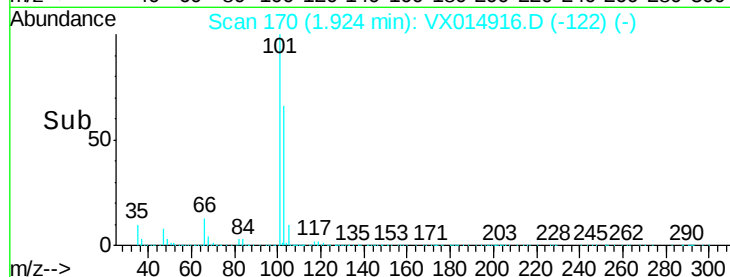
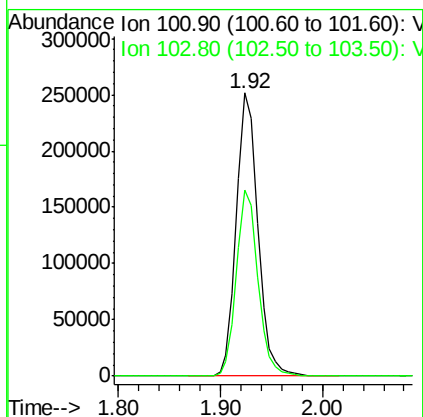
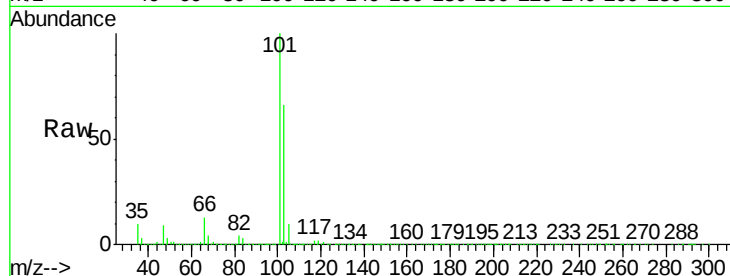
Trichlorofluoromethane
Concen: 48.940 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.01 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.8	52.2	78.4

Manual Integrations
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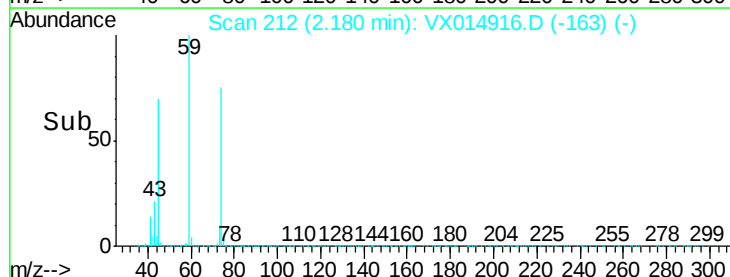
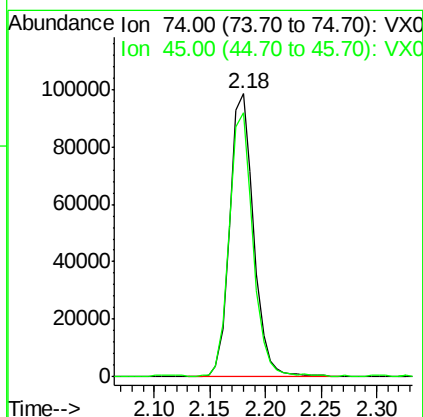
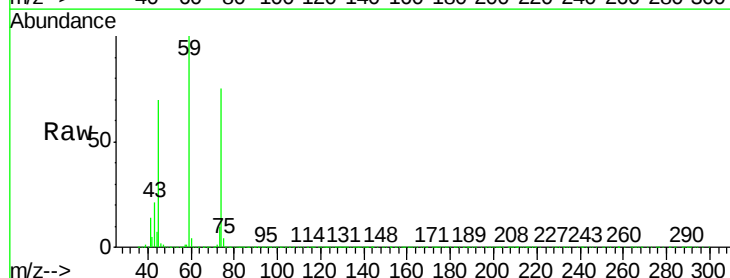
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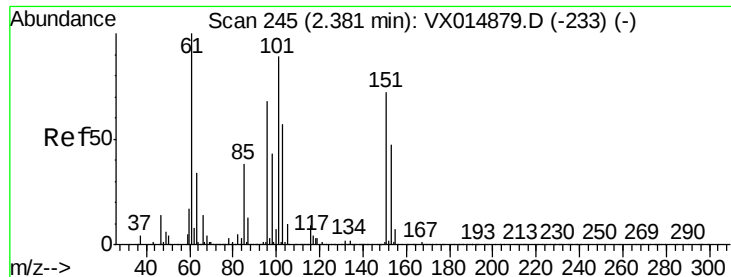


#8

Diethyl Ether
Concen: 46.792 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.9	46.6	139.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.960 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

Instrument :

MSVOA_X

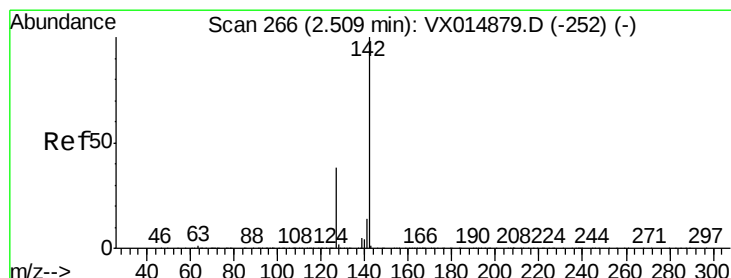
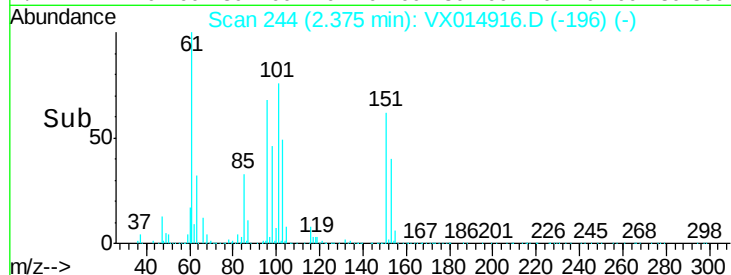
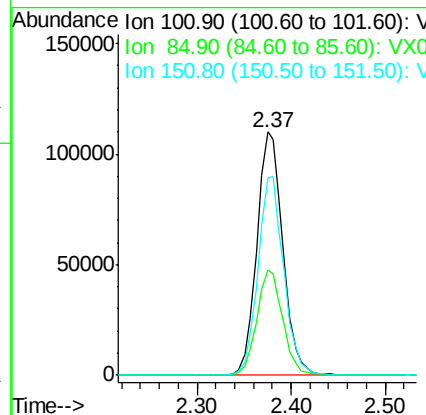
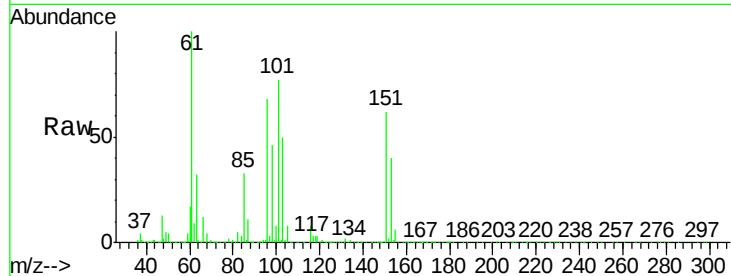
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	212460
Ion Ratio	Lower	Upper	
101	100		
85	43.1	34.1	51.1
151	81.6	67.3	100.9

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#10

Methyl Iodide

Concen: 50.610 ug/l

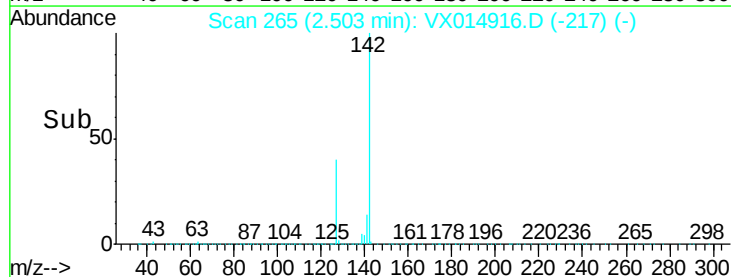
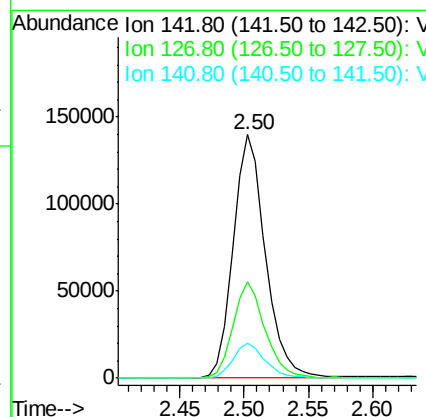
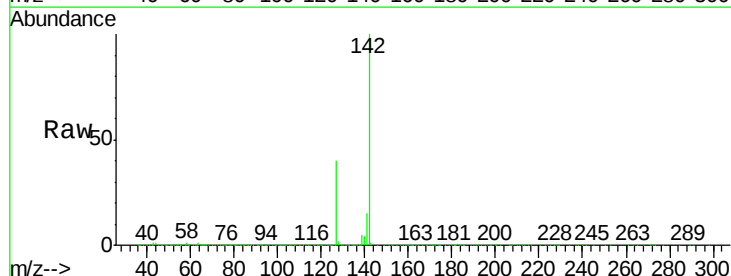
RT: 2.50 min Scan# 265

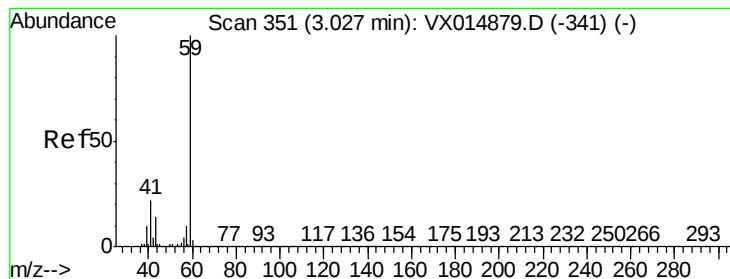
Delta R.T. -0.01 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

Tgt Ion:	142	Resp:	245118
Ion Ratio	Lower	Upper	
142	100		
127	39.5	31.1	46.7
141	14.5	11.3	16.9





#11

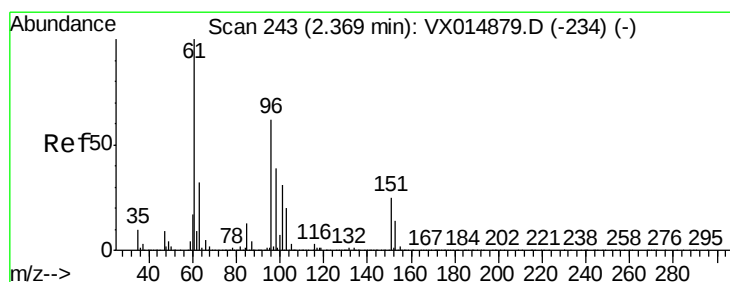
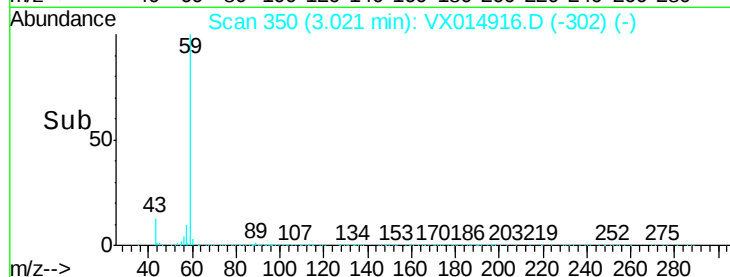
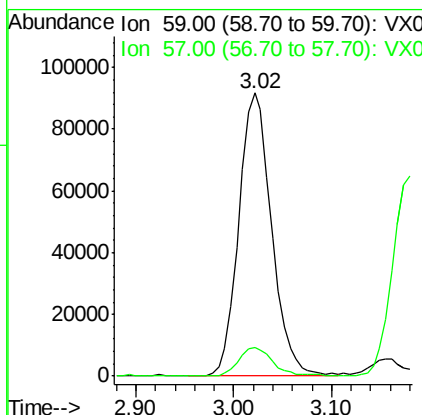
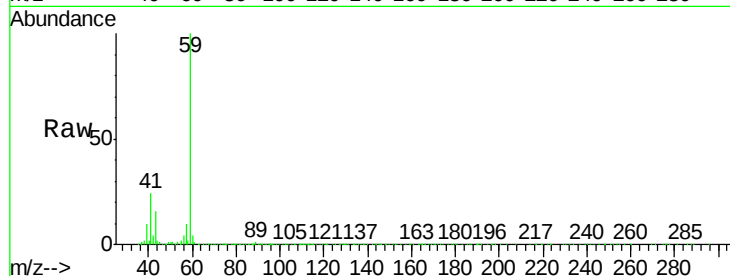
Tert butyl alcohol
Concen: 231.730 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.2	12.4

Manual Integrations
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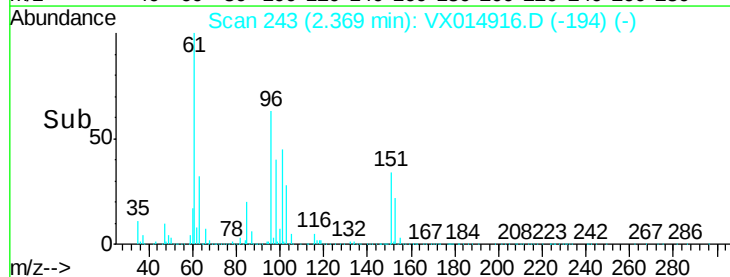
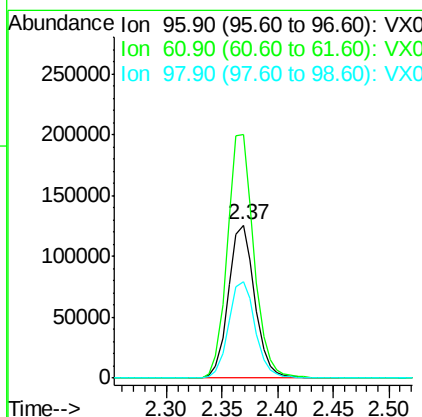
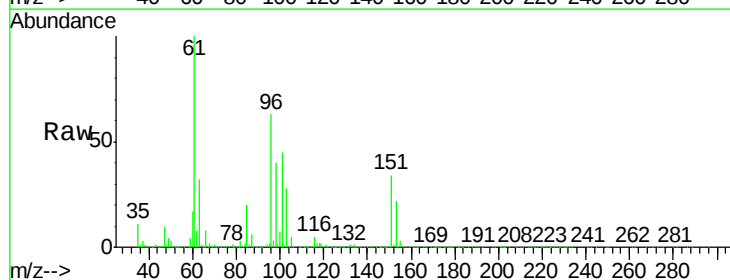
MMDadoda
2/13/2020 11:15:49 AM

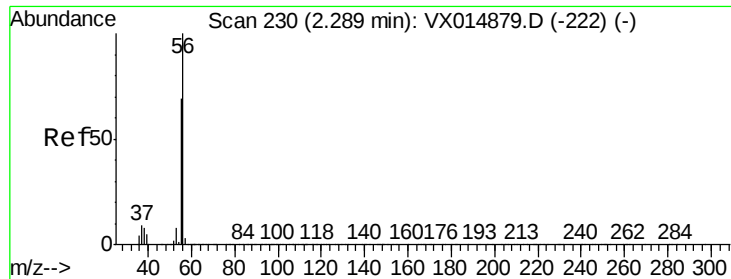


#12

1,1-Dichloroethene
Concen: 48.482 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.3	129.5	194.3
98	63.4	50.6	76.0





#13

Acrolein

Concen: 244.219 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 171586

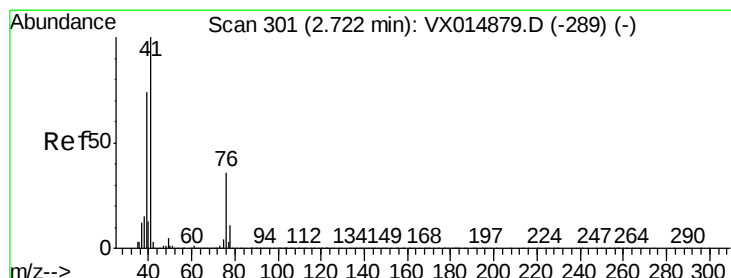
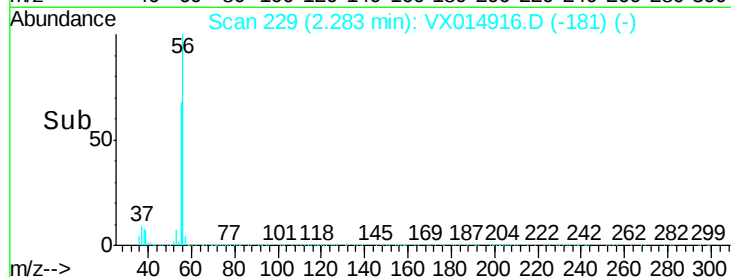
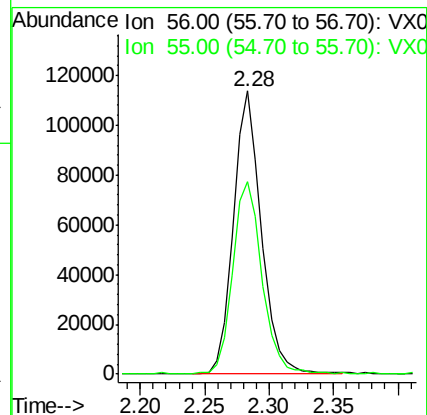
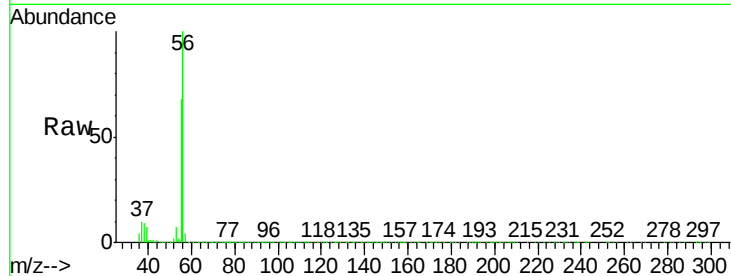
Ion Ratio Lower Upper

56 100

55 70.7 55.0 82.4

Manual Integrations
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#14

Allyl chloride

Concen: 46.672 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

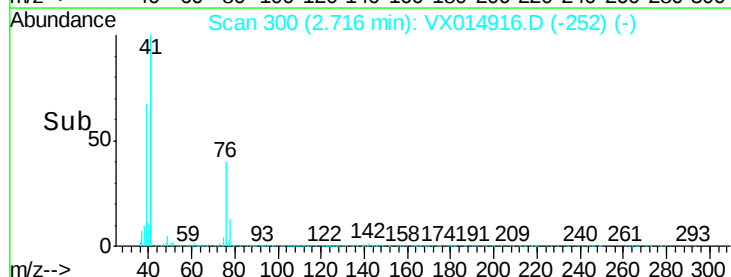
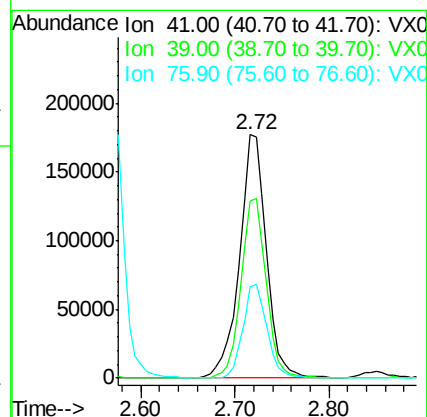
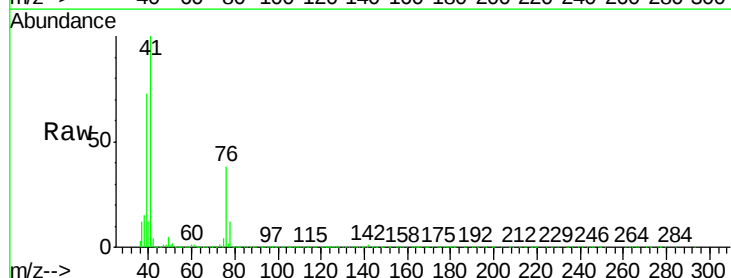
Tgt Ion: 41 Resp: 350876

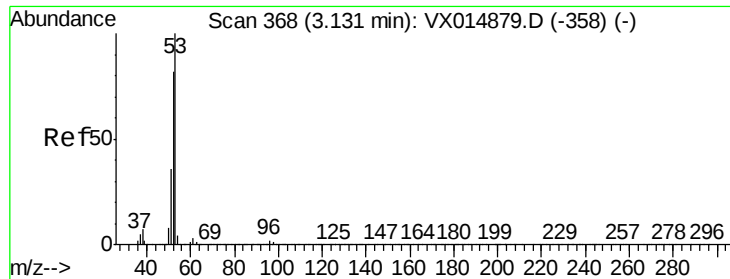
Ion Ratio Lower Upper

41 100

39 68.9 55.2 82.8

76 34.5 26.8 40.2





#15

Acrylonitrile

Concen: 234.545 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

Instrument :

MSVOA_X

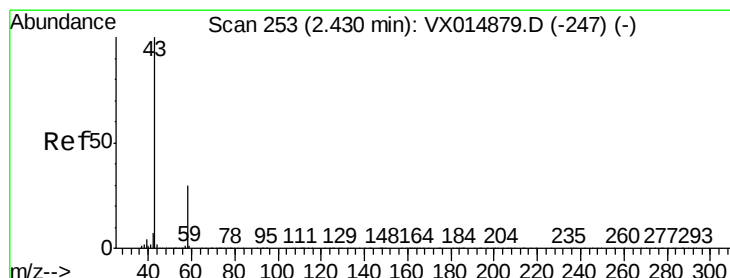
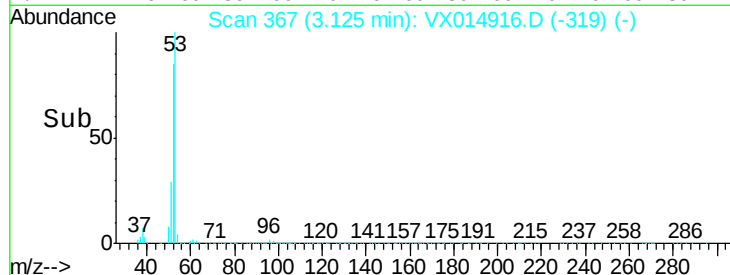
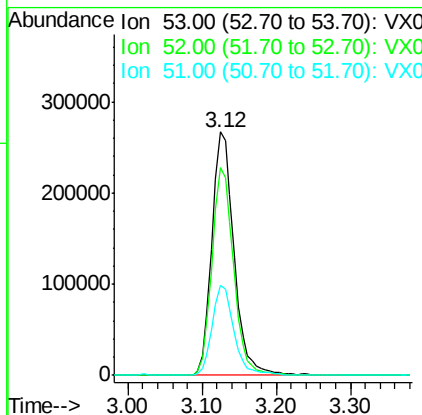
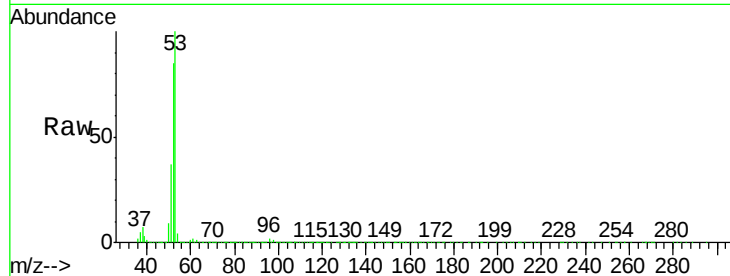
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	548116
Ion Ratio		Lower	Upper
53	100		
52	83.0	65.8	98.6
51	36.3	29.1	43.7

Manual Integrations
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#16

Acetone

Concen: 273.960 ug/l

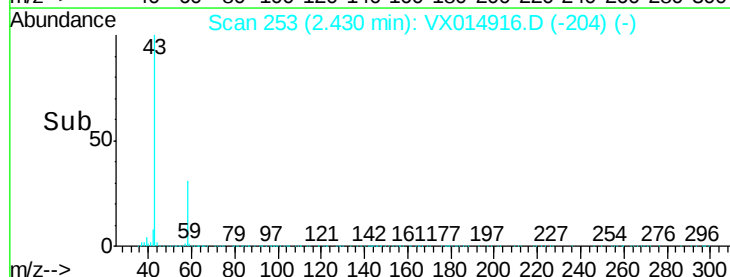
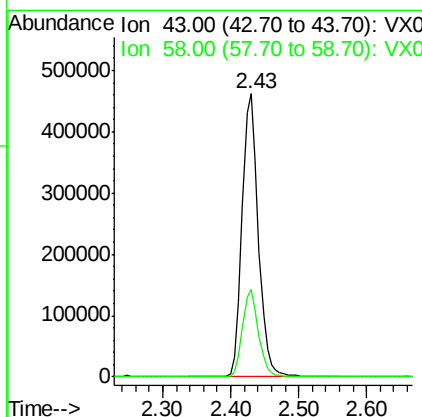
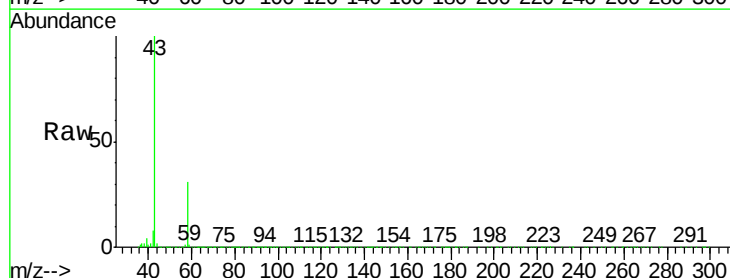
RT: 2.43 min Scan# 253

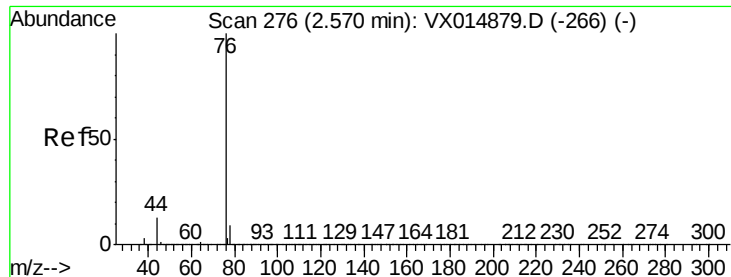
Delta R.T. 0.00 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

Tgt Ion:	43	Resp:	765404
Ion Ratio		Lower	Upper
43	100		
58	30.7	24.1	36.1





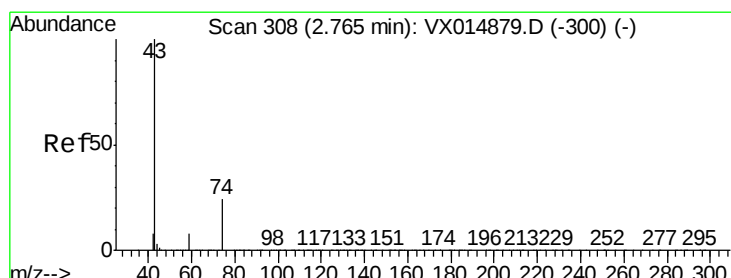
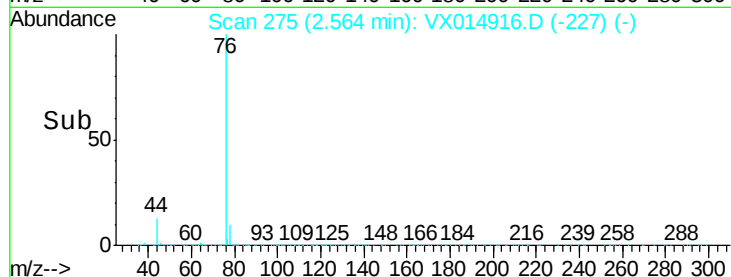
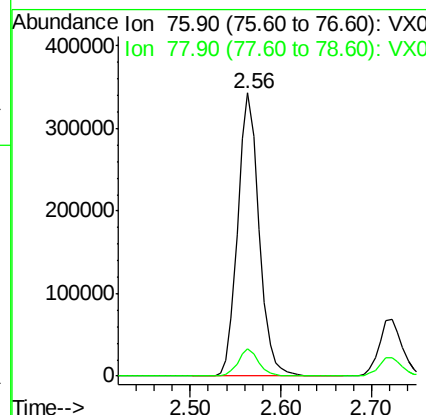
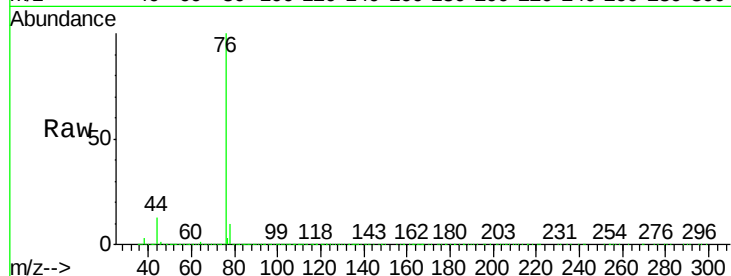
#17
Carbon Disulfide
Concen: 47.196 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.01 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.4	11.0

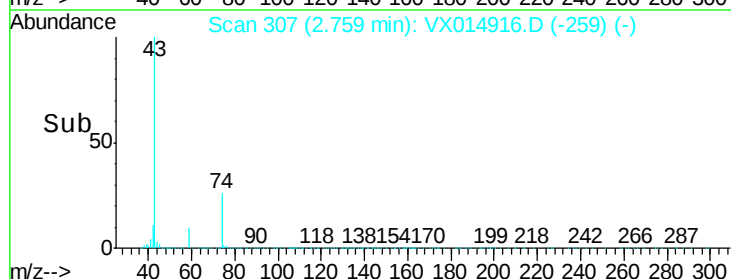
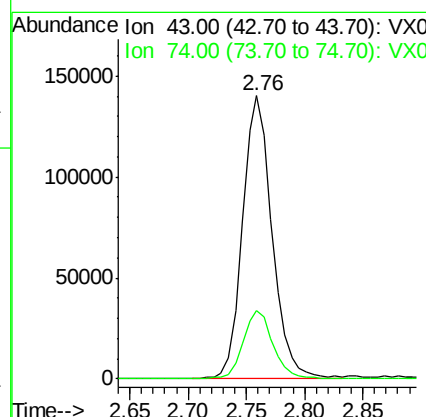
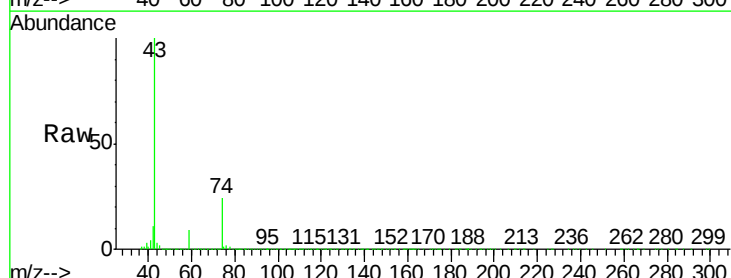
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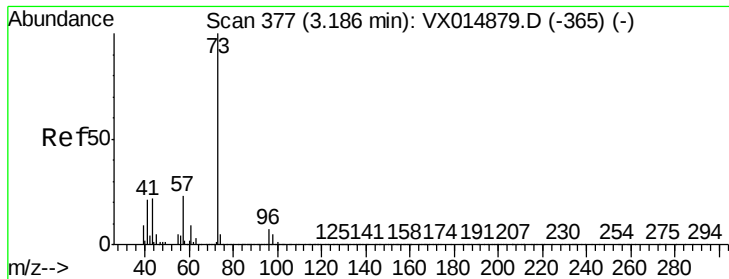
MMDadoda
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#18
Methyl Acetate
Concen: 46.865 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.3	19.4	29.0





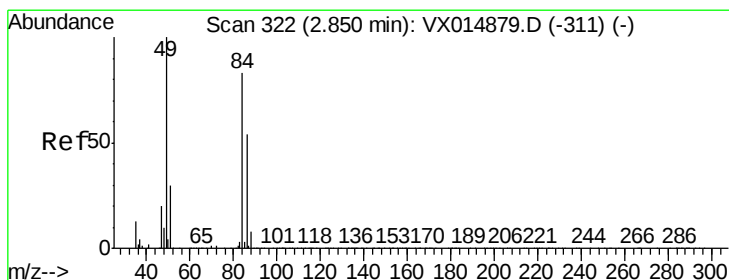
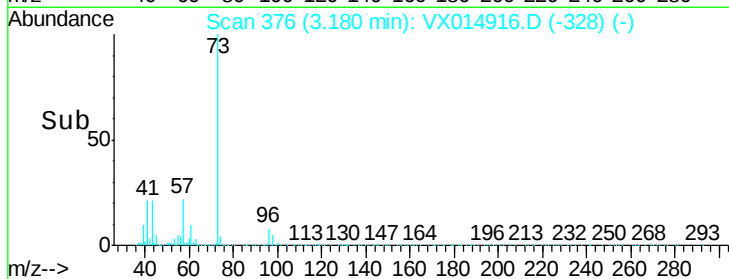
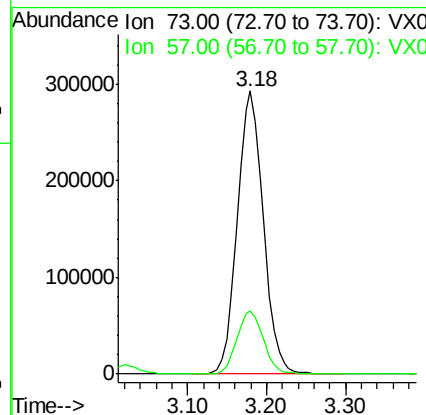
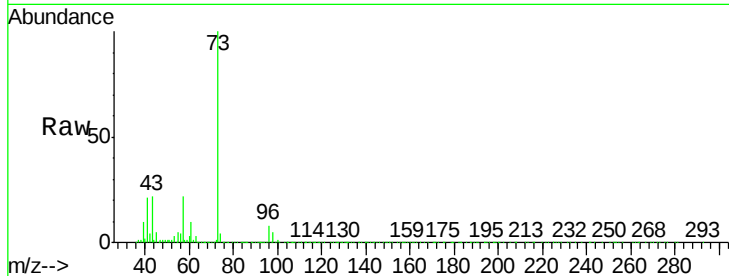
#19
Methvl tert-butvl Ether
Concen: 48.726 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.1	18.2	27.4

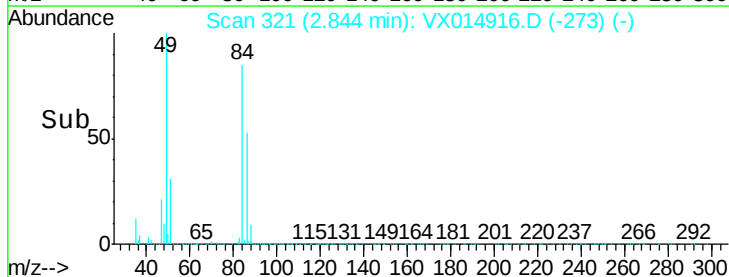
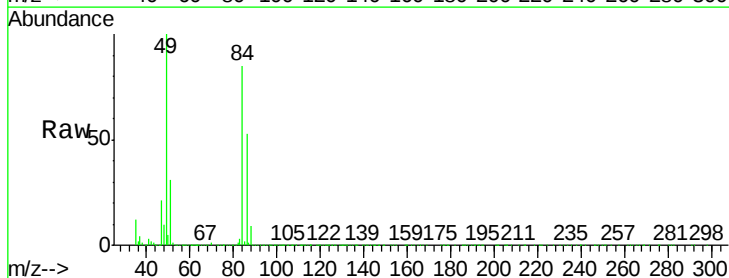
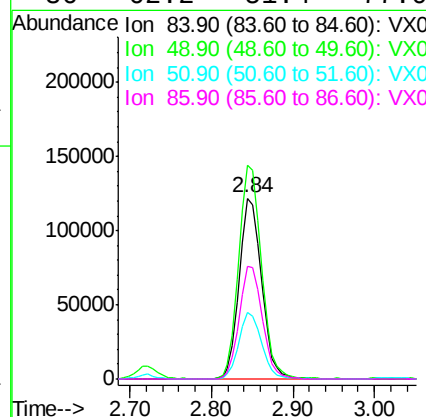
Manual Integrations
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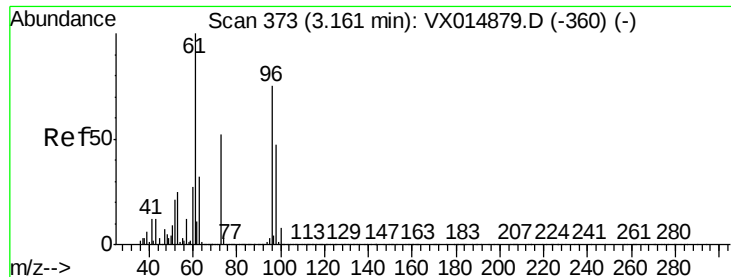
MMDadoda
2/13/2020 11:15:49 AM



#20
Methylene Chloride
Concen: 45.866 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.0	95.6	143.4
51	36.6	29.0	43.6
86	62.2	51.4	77.0





#21

trans-1,2-Dichloroethene

Concen: 46.848 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

Instrument :

MSVOA_X

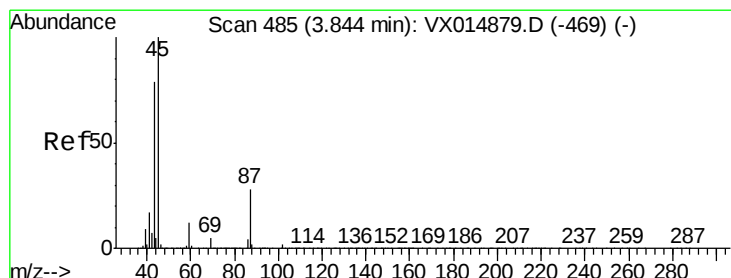
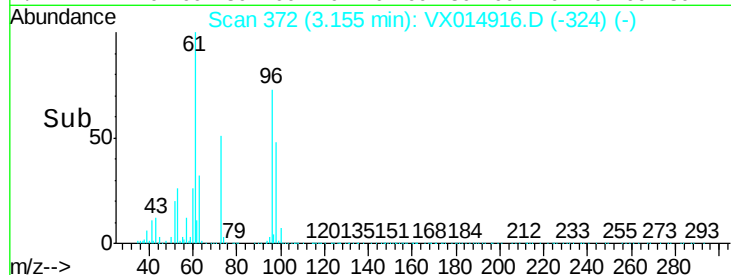
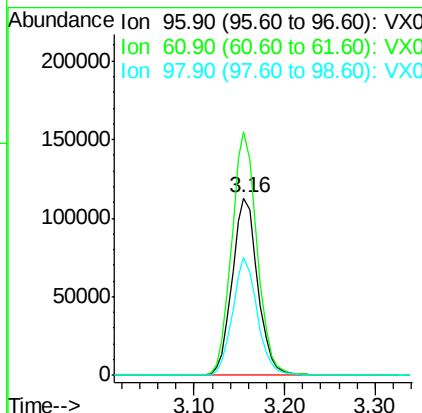
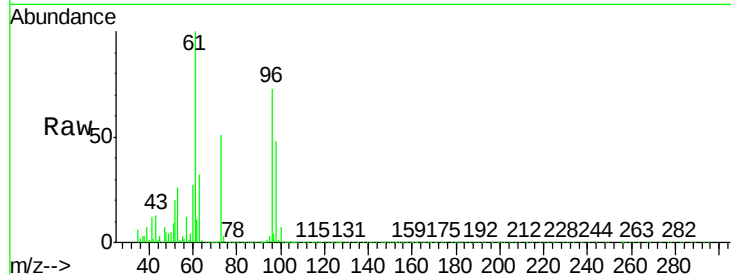
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	219195
Ion Ratio	Lower	Upper	
96	100		
61	137.4	106.9	160.3
98	66.4	50.7	76.1

Manual Integrations
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#22

Diisopropyl ether

Concen: 49.631 ug/l

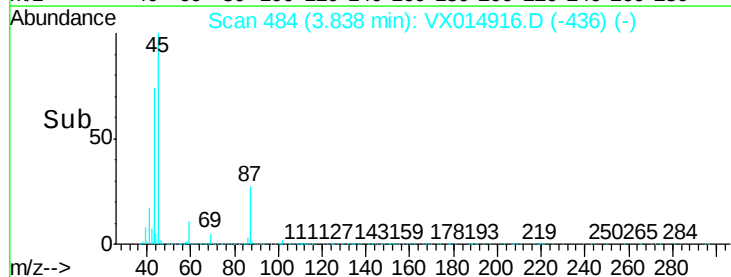
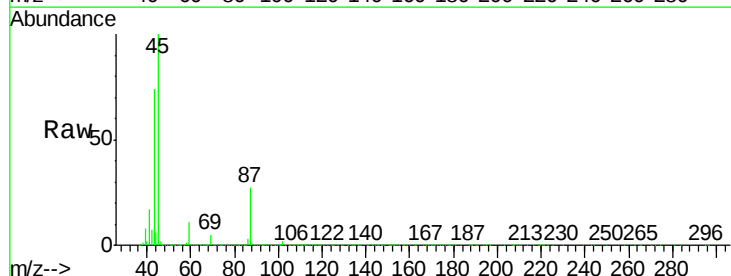
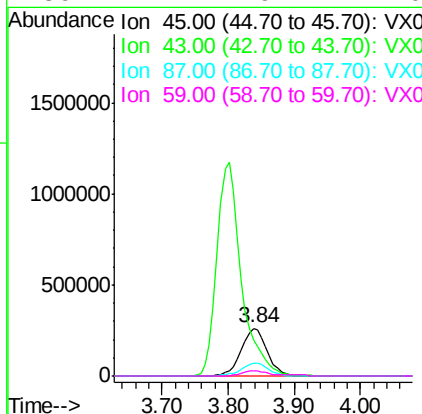
RT: 3.84 min Scan# 484

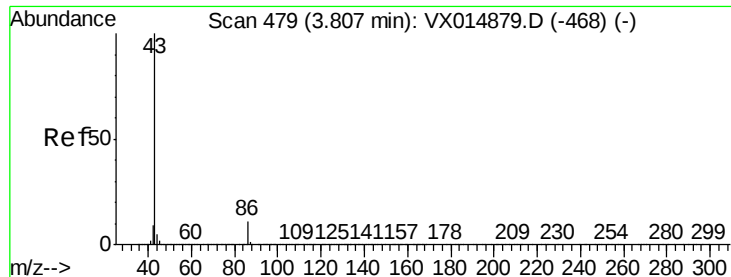
Delta R.T. -0.01 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

Tgt Ion:	45	Resp:	712644
Ion Ratio	Lower	Upper	
45	100		
43	74.4	63.5	95.3
87	27.5	22.2	33.4
59	11.4	9.4	14.0





#23

Vinyl Acetate

Concen: 255.402 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 3023095

Ion Ratio Lower Upper

43 100

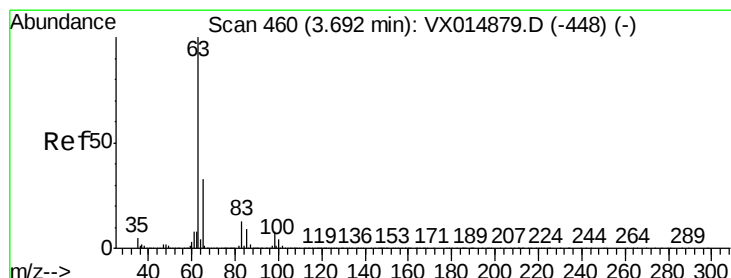
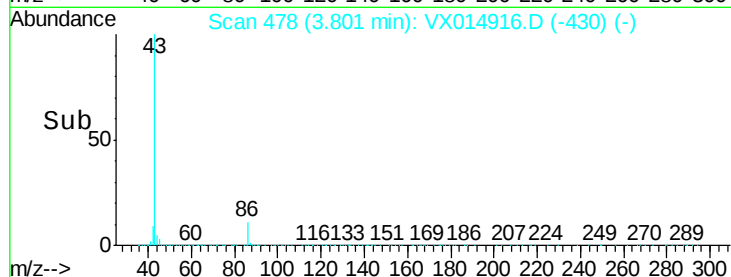
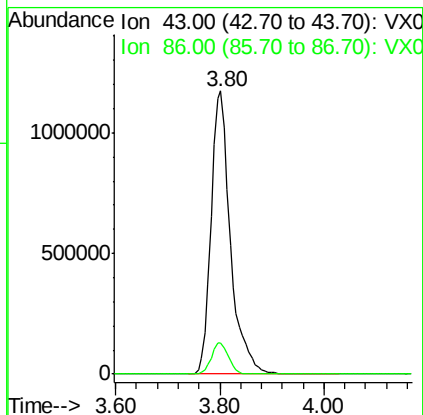
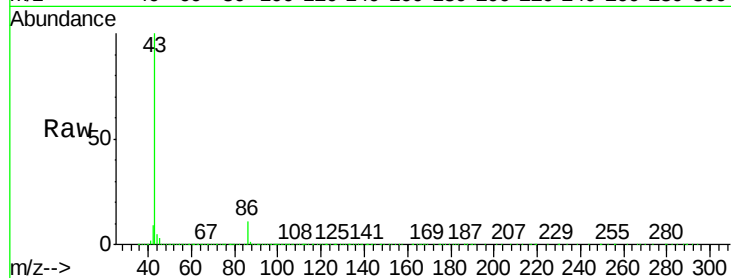
86 11.3 8.9 13.3

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 48.399 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

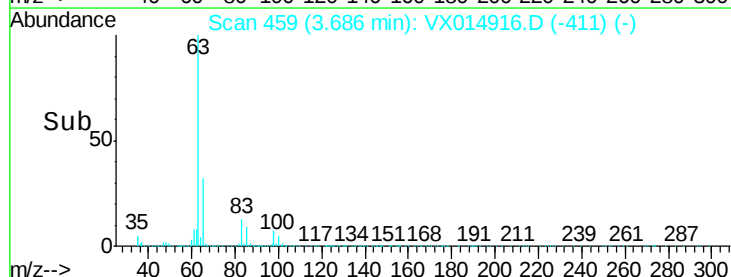
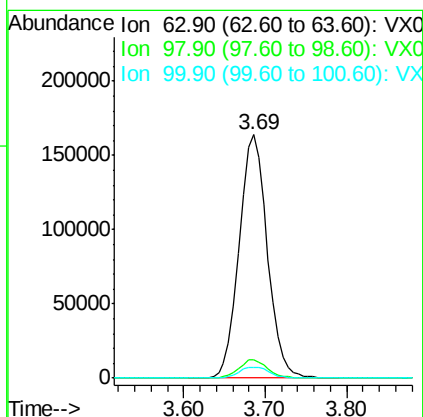
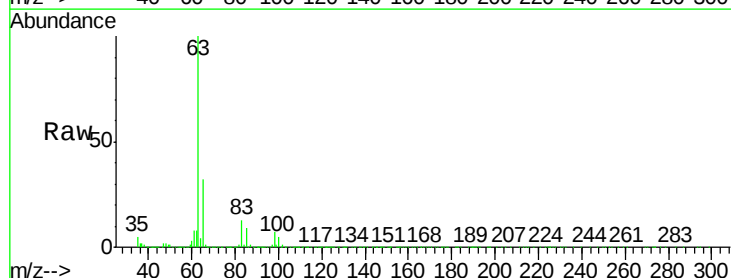
Tgt Ion: 63 Resp: 392211

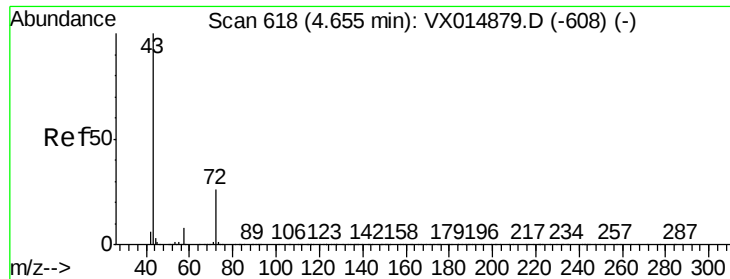
Ion Ratio Lower Upper

63 100

98 7.2 3.9 11.5

100 4.5 2.2 6.6





#25

2-Butanone

Concen: 257.382 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014916.D

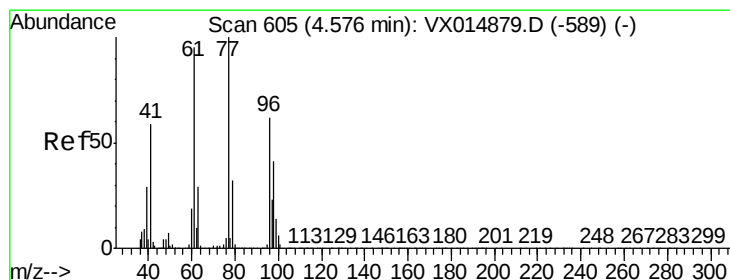
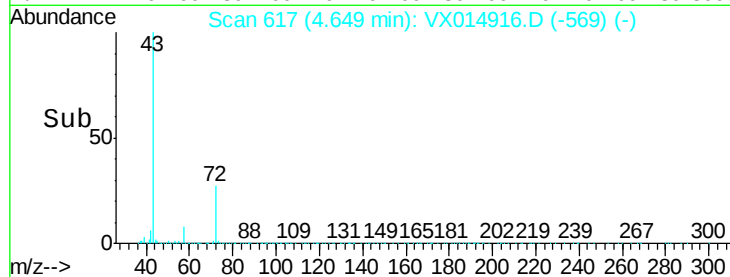
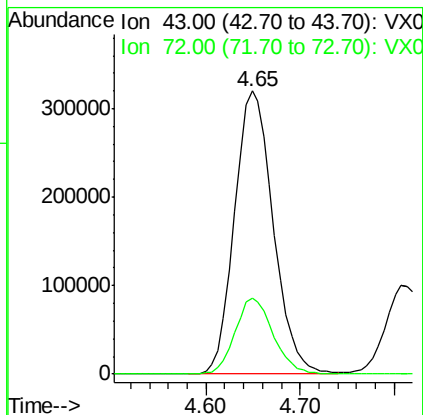
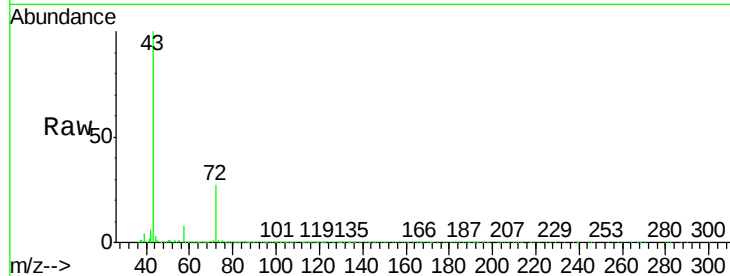
Acq: 12 Feb 2020 11:04

Tot Ion:	43	Resp:	914850
Ion Ratio	Lower	Upper	
43	100		
72	26.6	21.0	31.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 48.114 ug/l

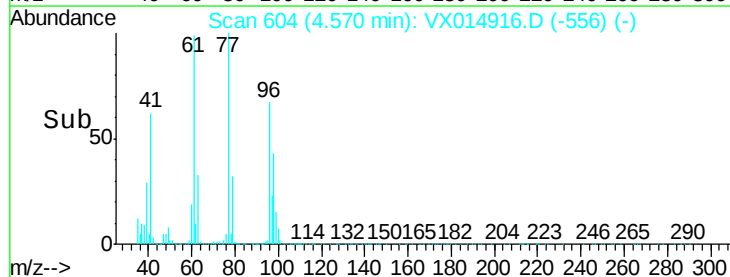
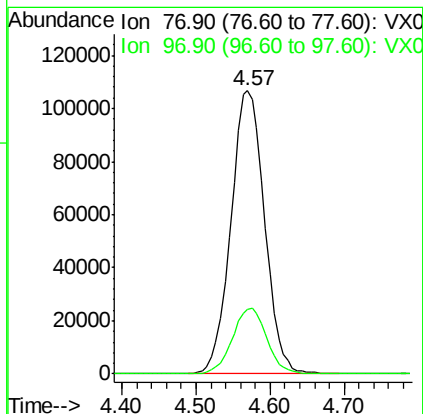
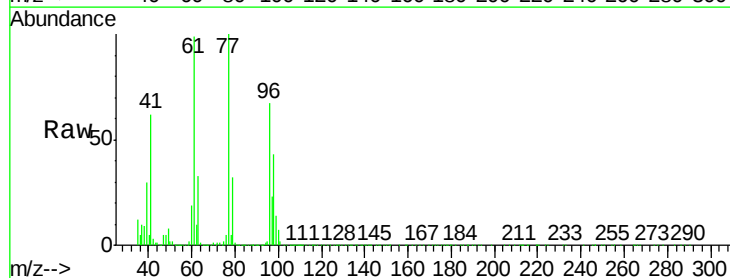
RT: 4.57 min Scan# 604

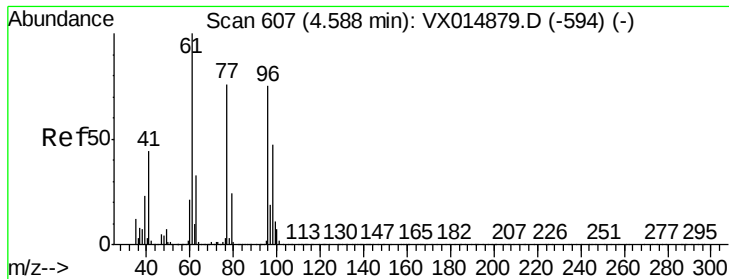
Delta R.T. -0.01 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

Tgt Ion:	77	Resp:	336020
Ion Ratio	Lower	Upper	
77	100		
97	23.8	11.9	35.5





#27

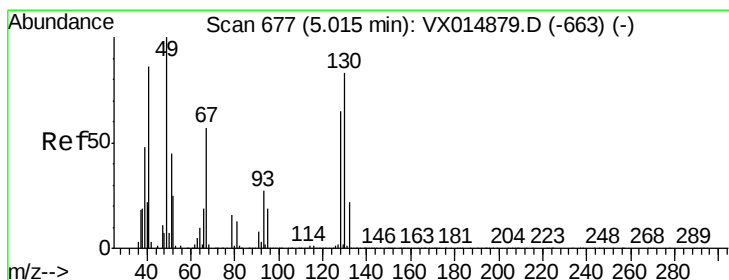
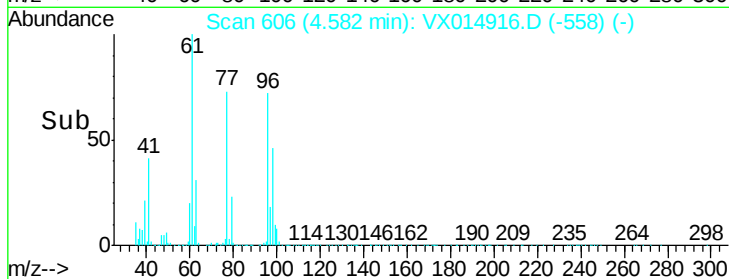
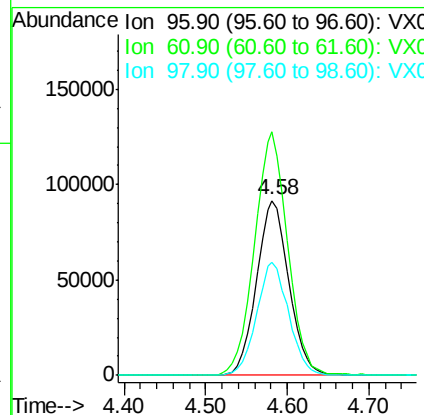
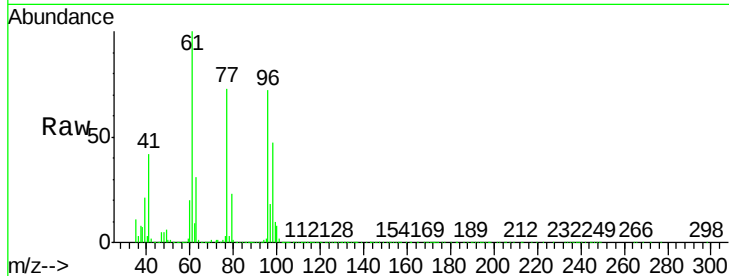
cis-1,2-Dichloroethene
Concen: 48.306 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	252650		
61	142.5	0.0	286.2	
98	64.6	0.0	131.0	

Manual Integrations
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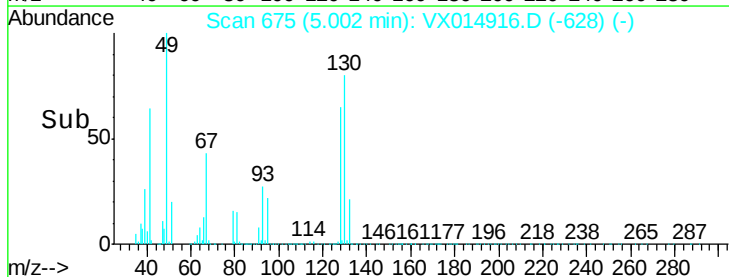
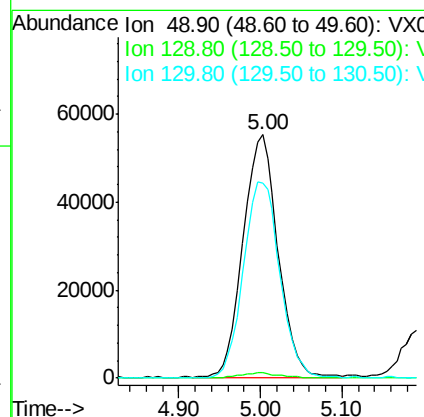
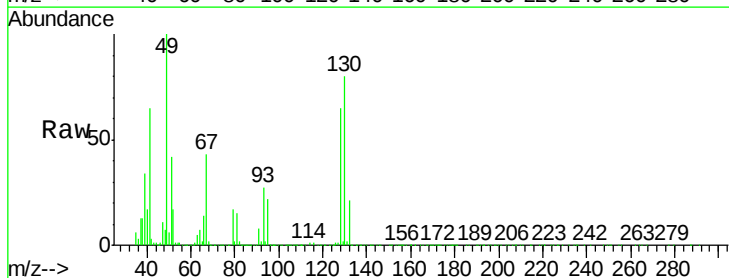
MMDadoda
2/13/2020 11:15:49 AM

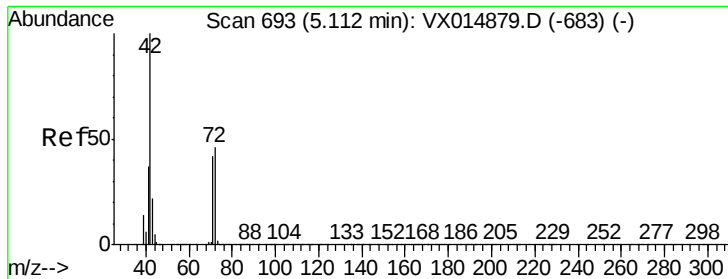


#28

Bromochloromethane
Concen: 52.549 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	165062		
129	2.5	0.0	5.2	
130	84.3	67.4	101.2	





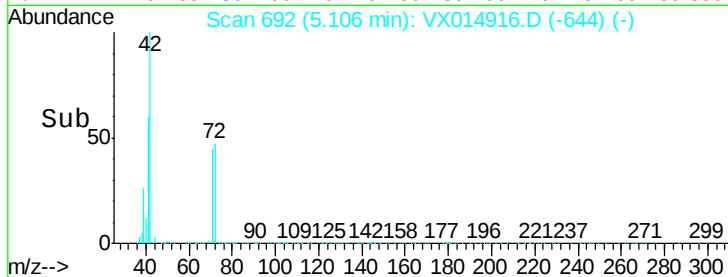
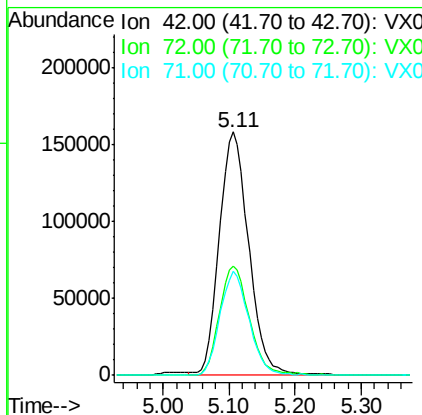
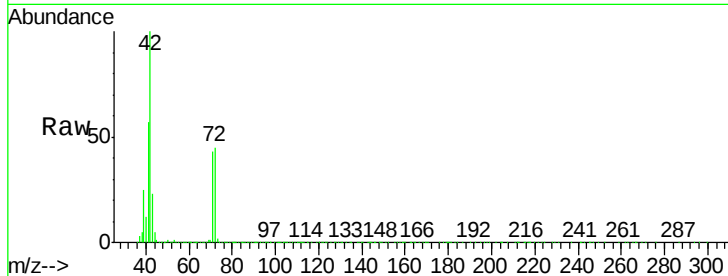
#29
Tetrahydrofuran
Concen: 239.765 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.1	36.9	55.3
71	42.0	34.1	51.1

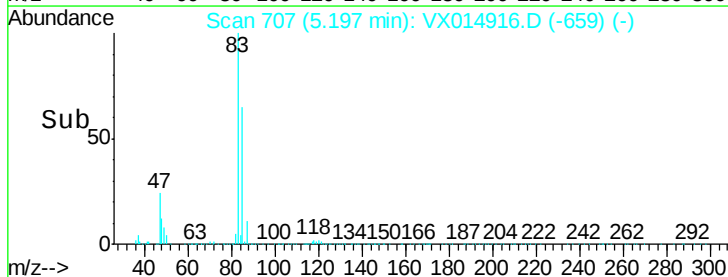
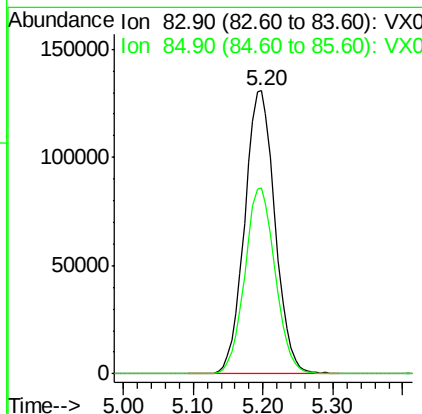
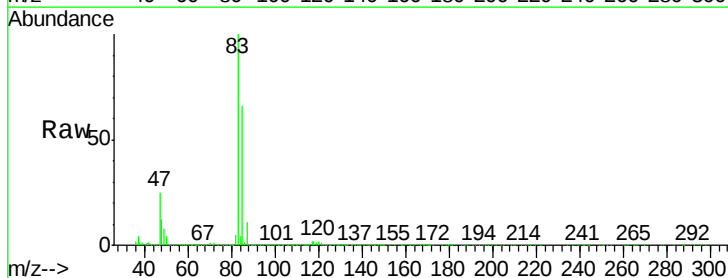
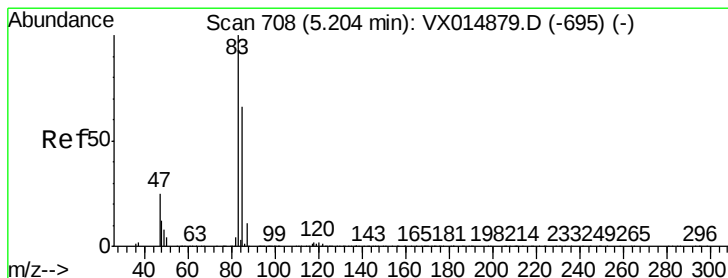
Manual Integrations
APPROVED

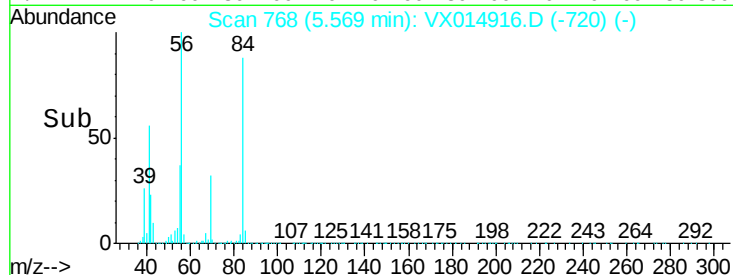
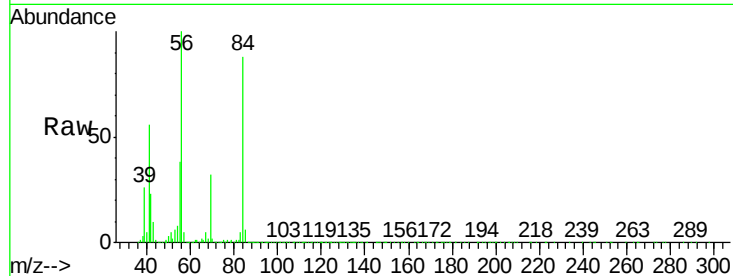
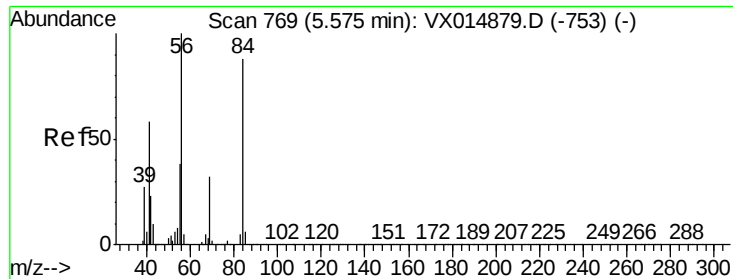
MMDadoda
2/13/2020 11:15:49 AM



#30
Chloroform
Concen: 49.023 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	52.9	79.3





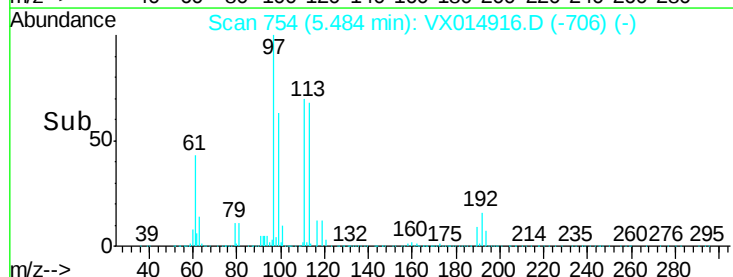
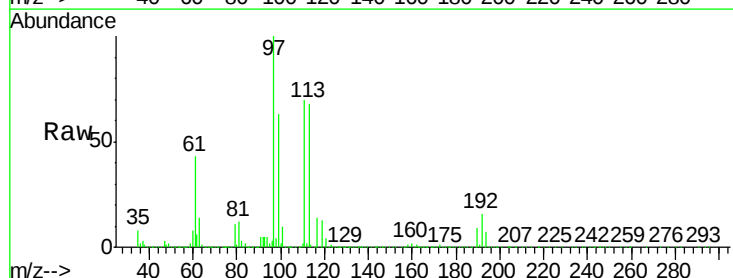
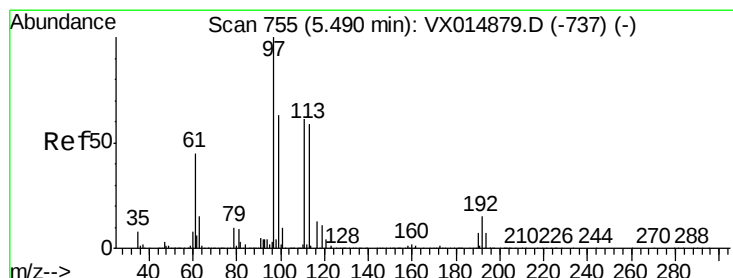
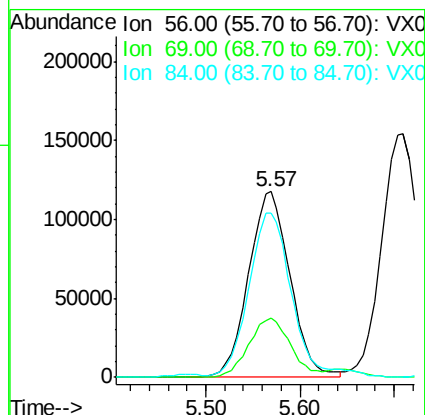
#31
Cyclohexane
Concen: 48.938 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

Tot Ion	56	Resp	361207
Ion Ratio	Lower	Upper	
56	100		
69	31.6	25.9	38.9
84	87.0	70.4	105.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

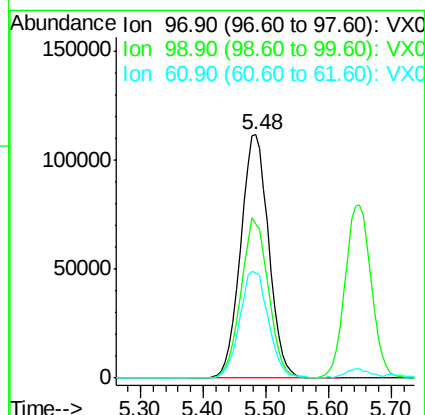
Manual Integrations
APPROVED

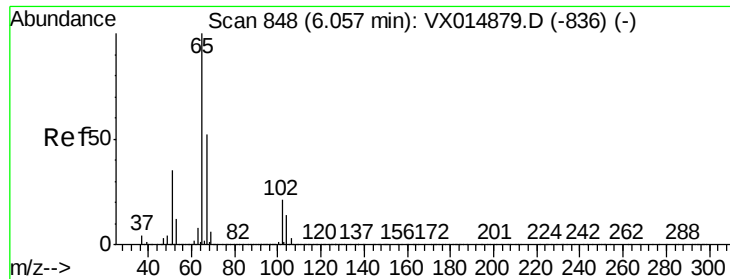
MMDadoda
2/13/2020 11:15:49 AM



#32
1,1,1-Trichloroethane
Concen: 49.073 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

Tgt Ion	97	Resp	345139
Ion Ratio	Lower	Upper	
97	100		
99	63.8	51.0	76.6
61	45.0	36.3	54.5





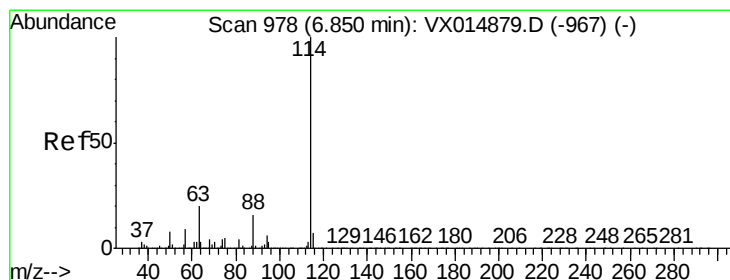
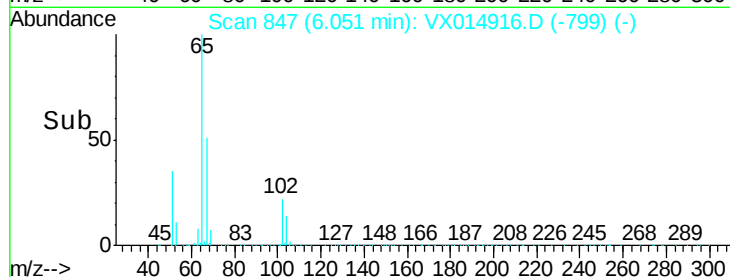
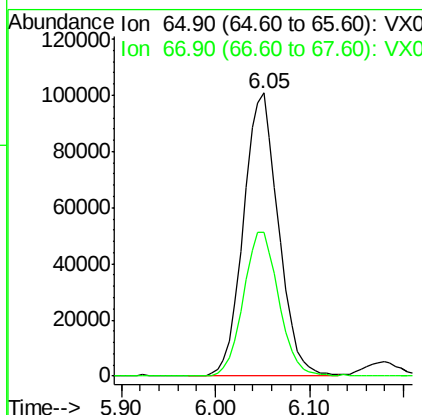
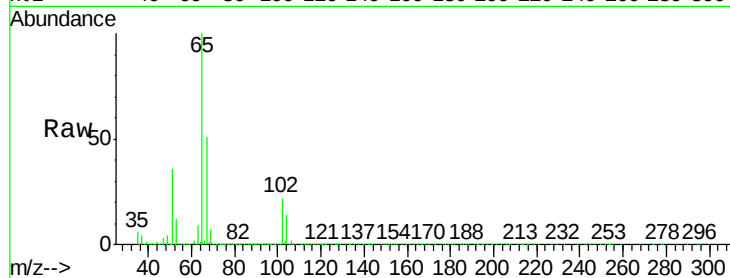
#33
 1,2-Dichloroethane-d4
 Concen: 49.929 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX014916.D
 Acq: 12 Feb 2020 11:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	260678		
67	51.6	0.0	103.0	

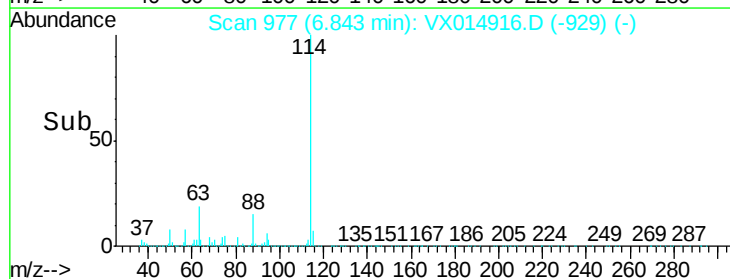
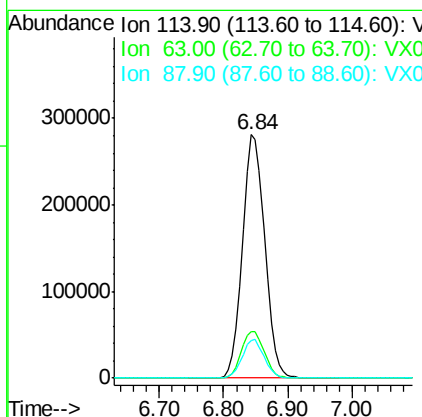
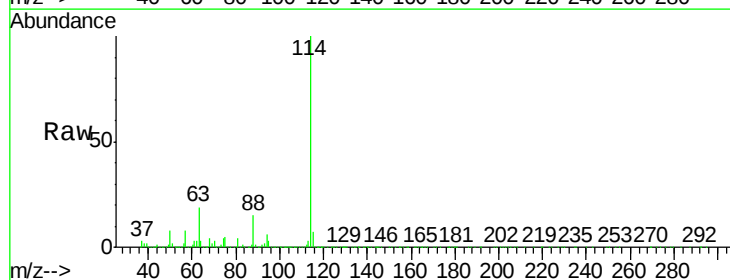
Manual Integrations
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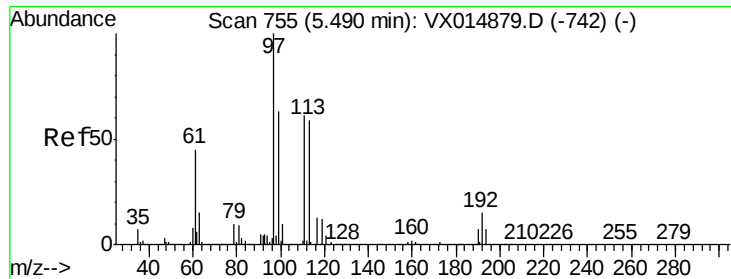
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 2/13/2020 11:15:49 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX014916.D
 Acq: 12 Feb 2020 11:04

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	668800		
63	19.2	0.0	39.2	
88	15.3	0.0	32.0	





#35

Dibromofluoromethane

Concen: 52.181 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

Instrument :

MSVOA_X

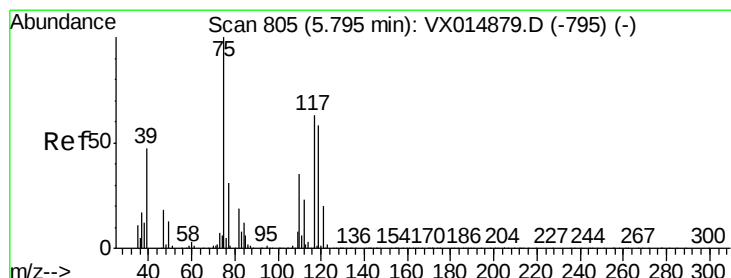
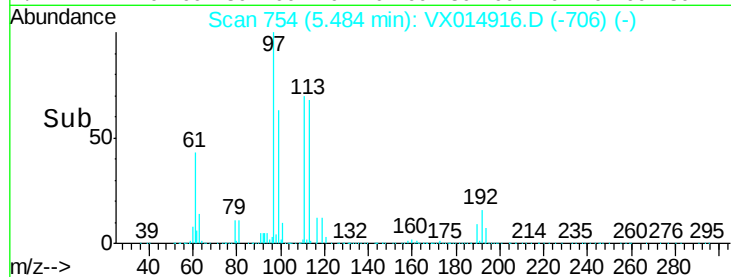
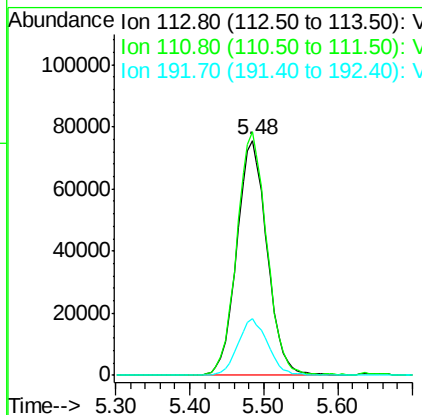
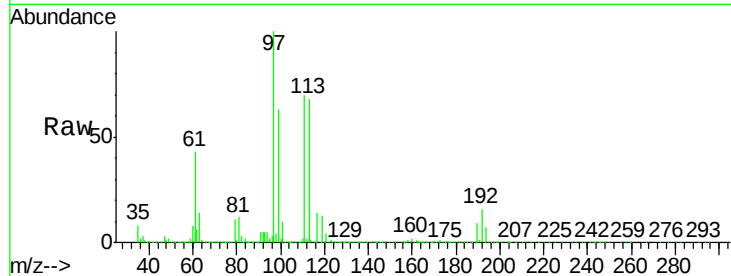
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	214548
Ion Ratio	Lower	Upper	
113	100		
111	103.3	82.4	123.6
192	23.8	19.1	28.7

Manual Integrations
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2/13/2020 11:15:49 AM



#36

1,1-Dichloropropene

Concen: 50.325 ug/l

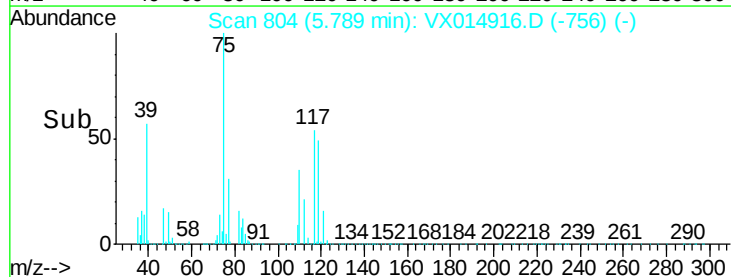
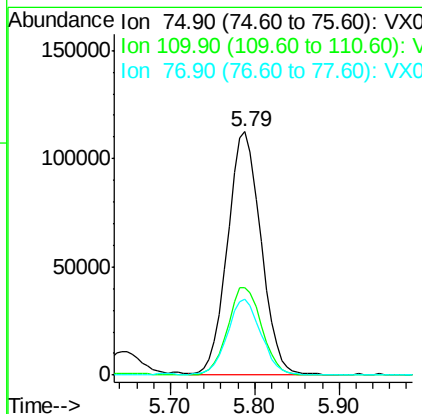
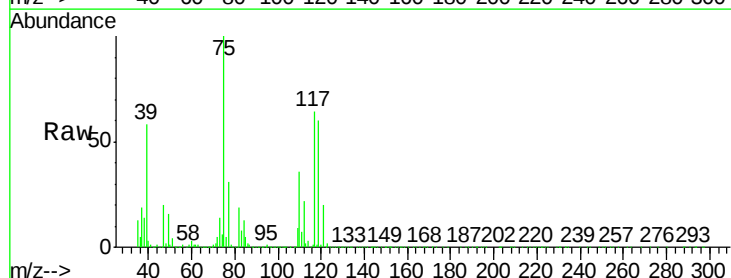
RT: 5.79 min Scan# 804

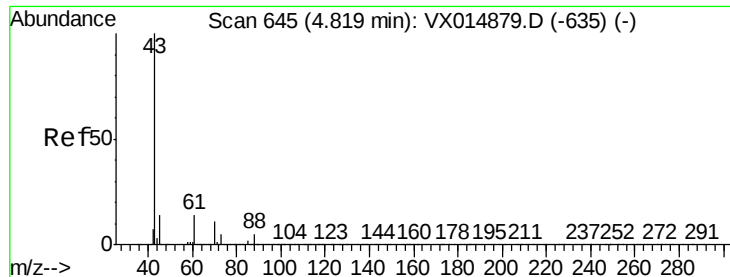
Delta R.T. -0.01 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

Tgt Ion:	75	Resp:	301078
Ion Ratio	Lower	Upper	
75	100		
110	36.9	18.3	54.8
77	31.2	24.6	36.8





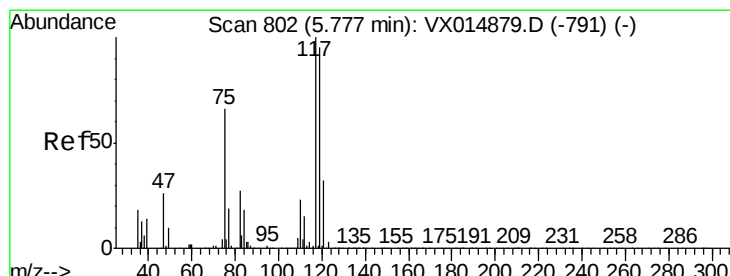
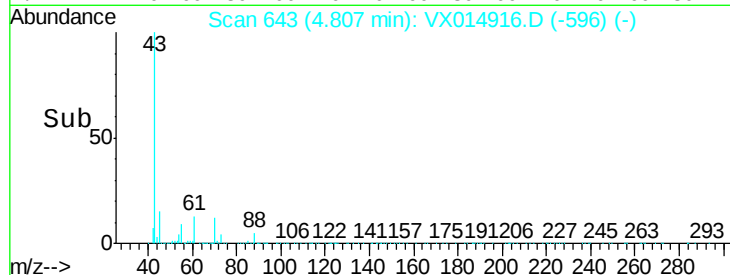
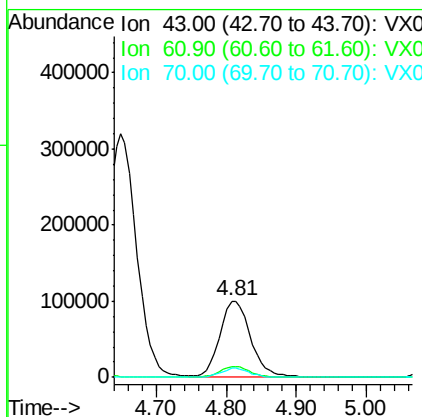
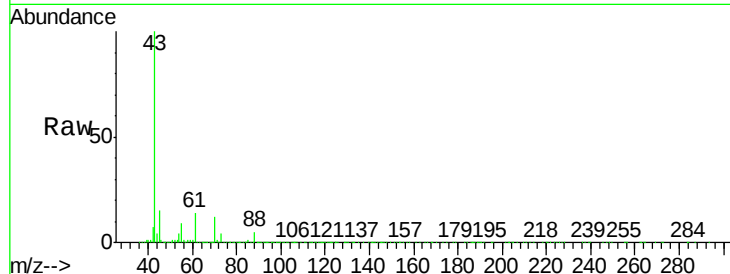
#37
Ethyl Acetate
Concen: 48.574 ug/l
RT: 4.81 min Scan# 643
Delta R.T. -0.01 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	303091
Ion Ratio	Lower	Upper	
43	100		
61	13.3	10.9	16.3
70	10.6	8.7	13.1

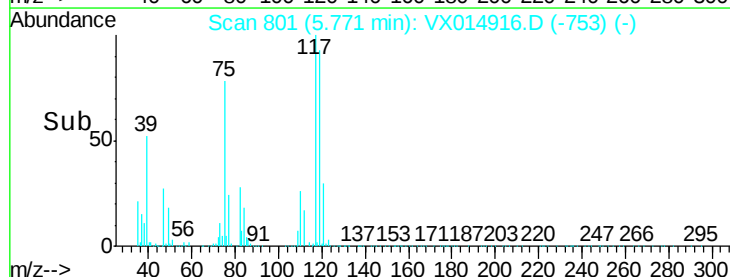
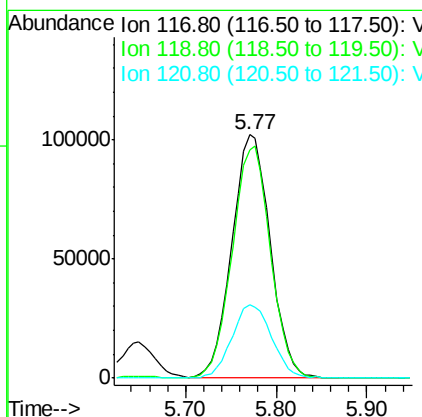
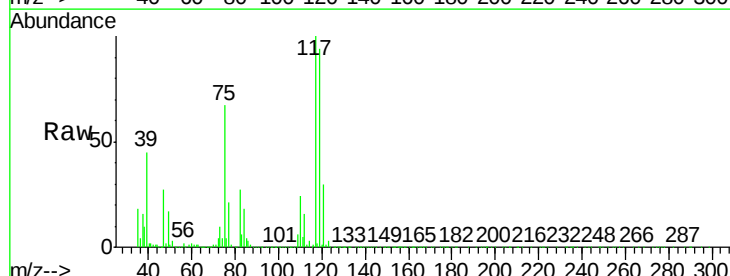
Manual Integrations
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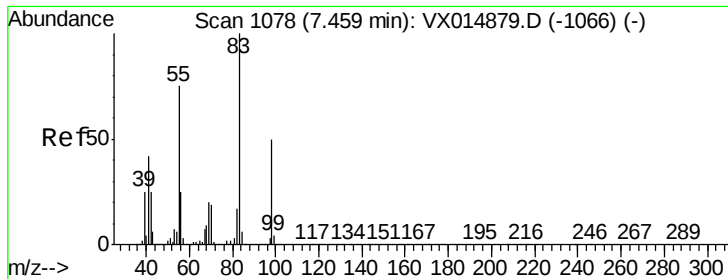
MMDadoda
2/13/2020 11:15:49 AM



#38
Carbon Tetrachloride
Concen: 51.161 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

Tgt Ion	117	Resp	298284
Ion Ratio	Lower	Upper	
117	100		
119	93.9	76.0	114.0
121	30.2	25.4	38.2





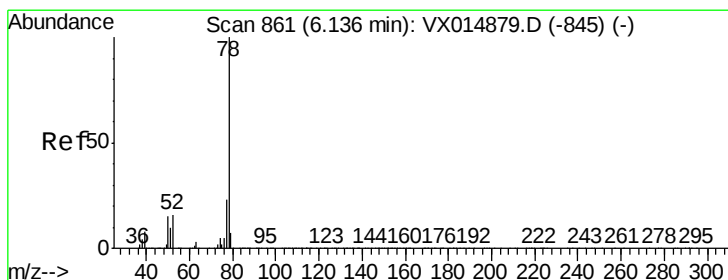
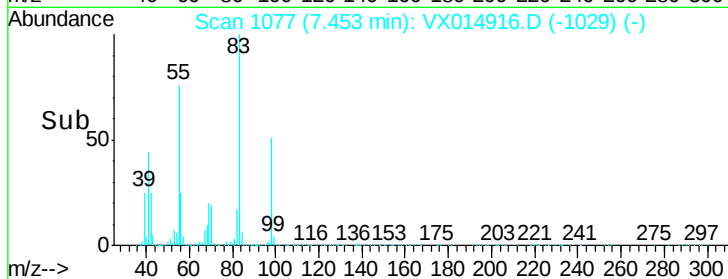
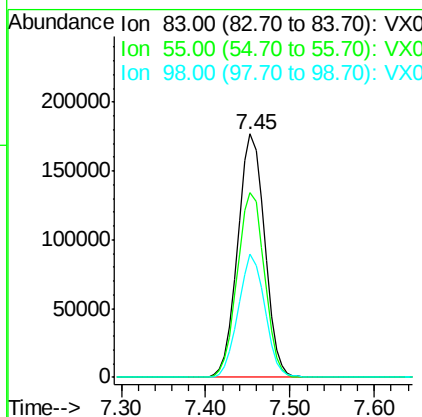
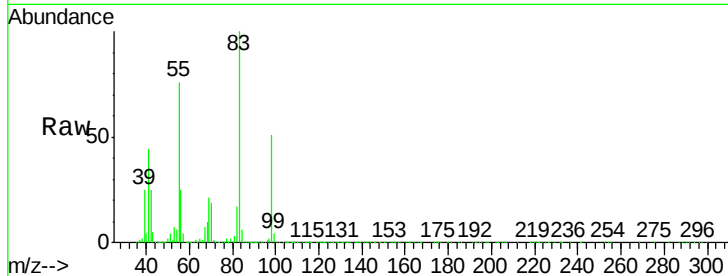
#39
Methvlcvclohexane
Concen: 50.827 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	75.8	60.0	90.0	
98	50.5	39.6	59.4	

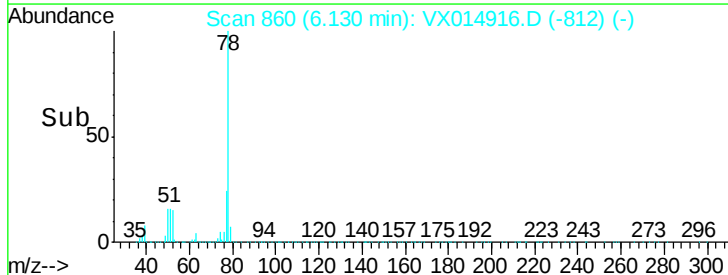
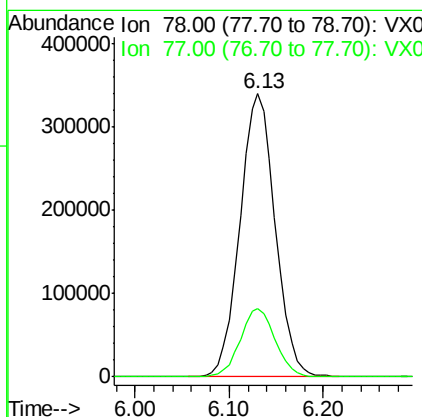
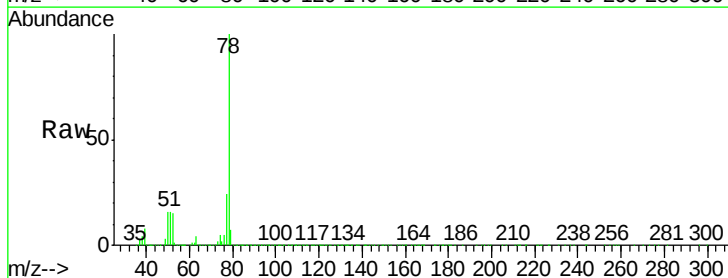
Manual Integrations
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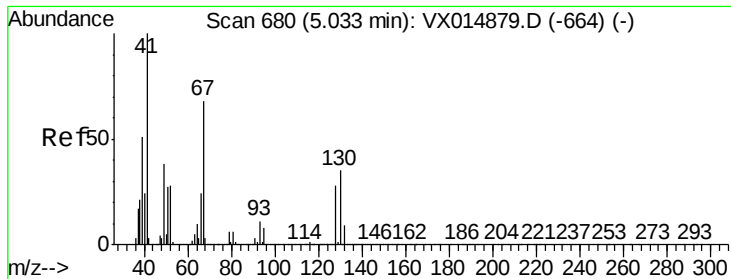
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#40
Benzene
Concen: 49.674 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	24.0	18.8	28.2	





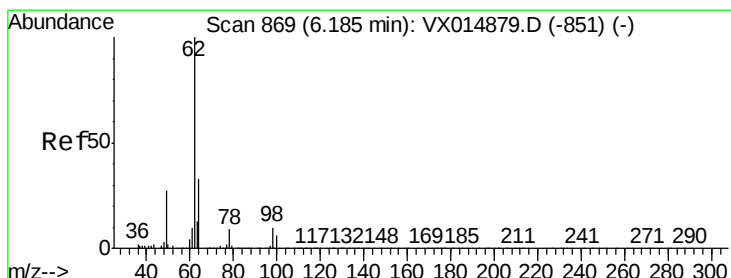
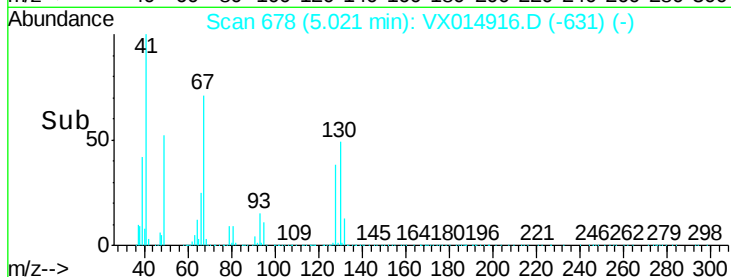
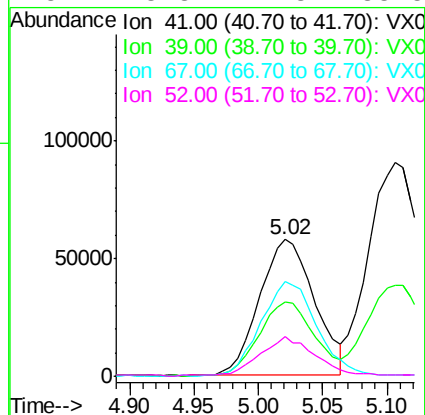
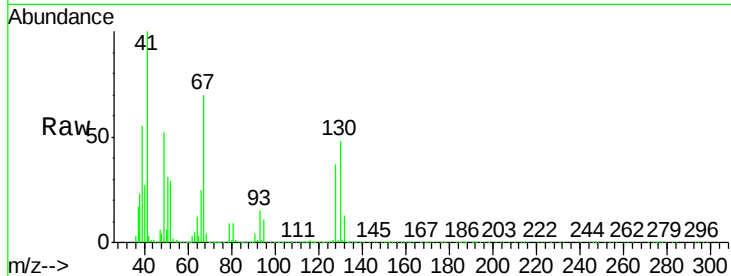
#41
Methacrylonitrile
Concen: 50.952 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	55.8	44.7	67.1		
67	70.9	56.6	84.8		
52	28.3	22.3	33.5		

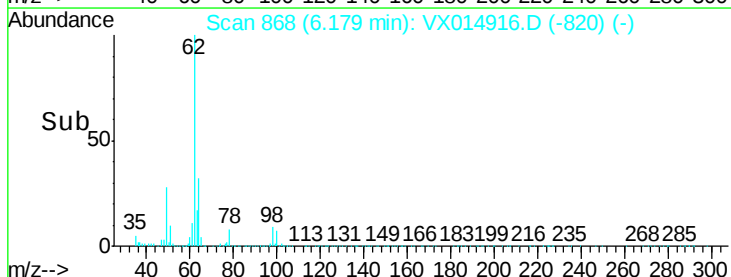
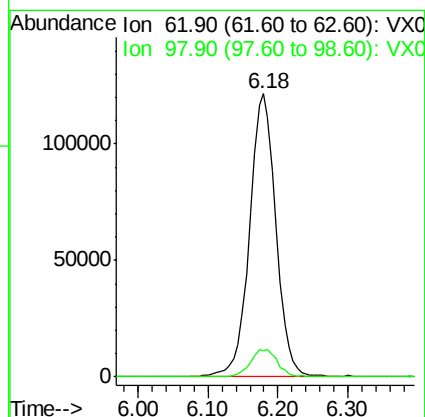
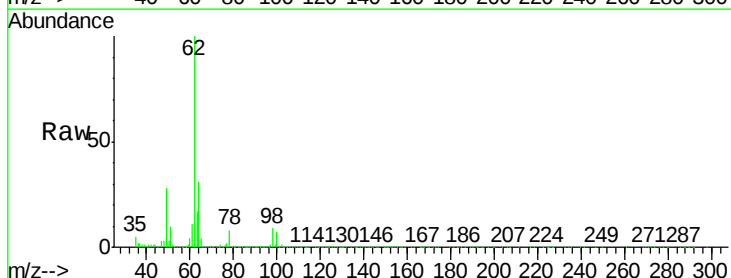
Manual Integrations
APPROVED

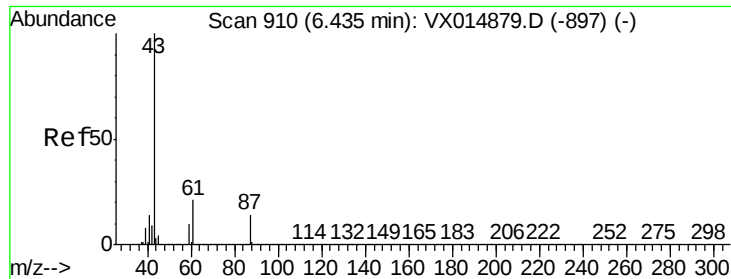
MMDadoda
2/13/2020 11:15:49 AM



#42
1,2-Dichloroethane
Concen: 49.196 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	9.7	0.0	19.2		





#43

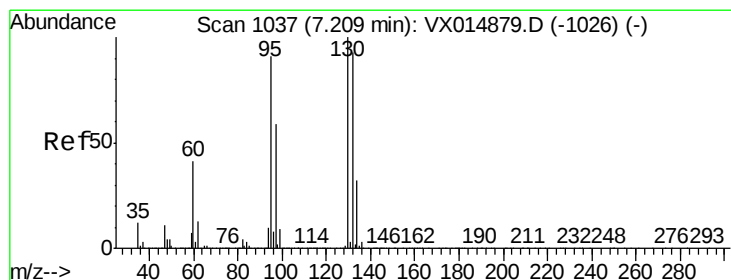
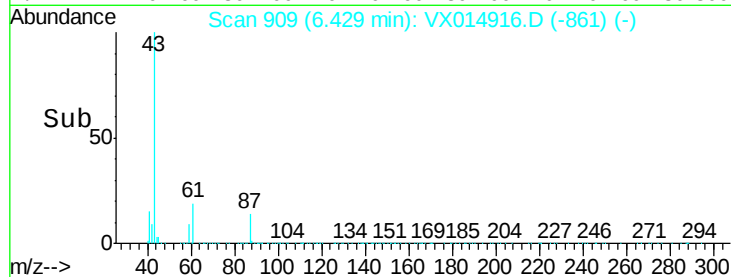
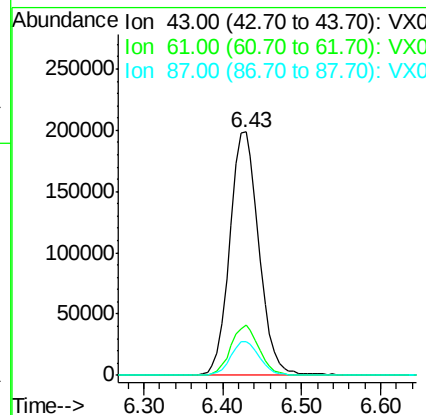
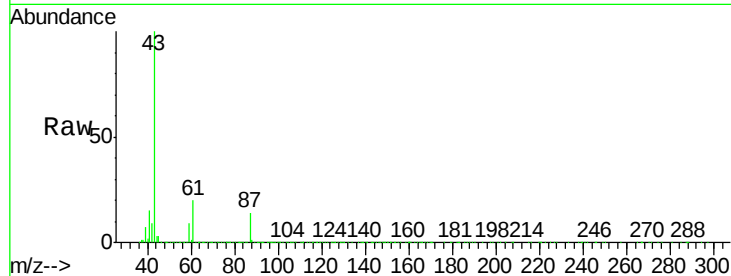
Isopropyl Acetate
 Concen: 49.272 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014916.D
 Acq: 12 Feb 2020 11:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.2	16.2	24.4
87	13.7	11.0	16.6

Manual Integrations
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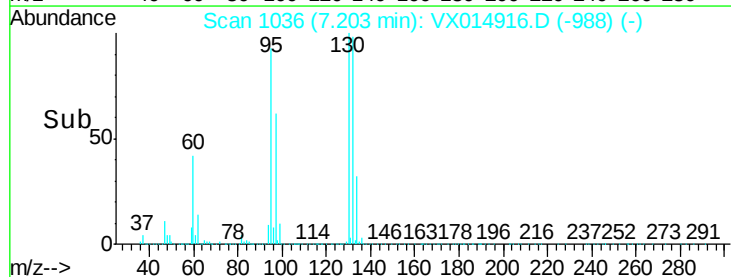
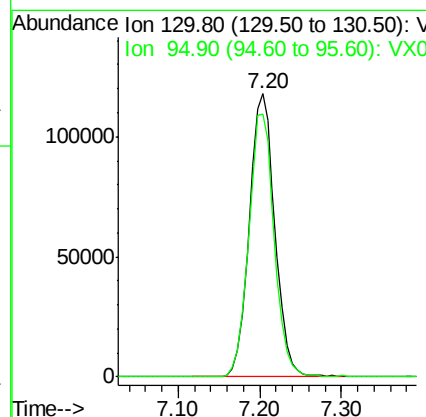
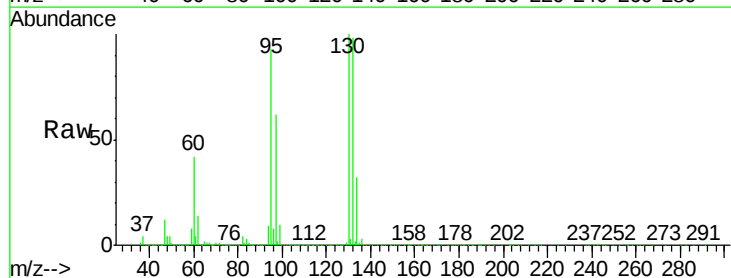
MMDadoda
 2/13/2020 11:15:49 AM

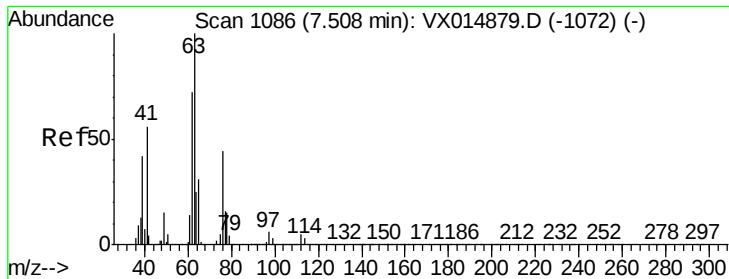


#44

Trichloroethene
 Concen: 49.394 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014916.D
 Acq: 12 Feb 2020 11:04

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.8	0.0	182.6





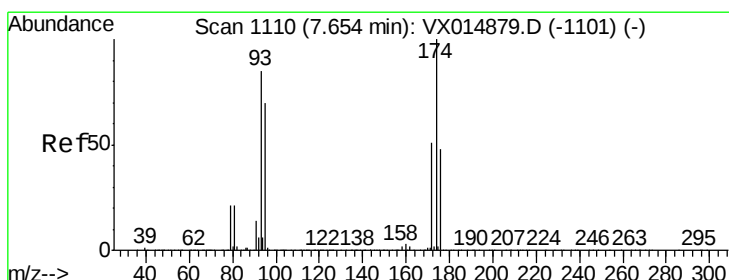
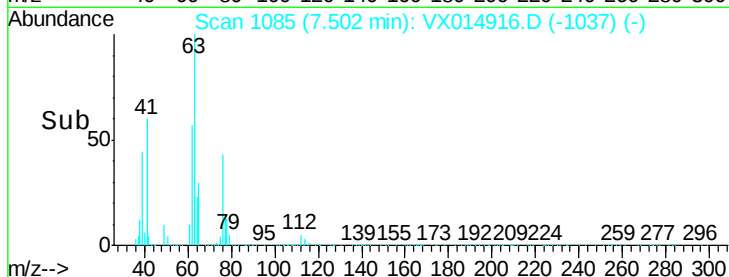
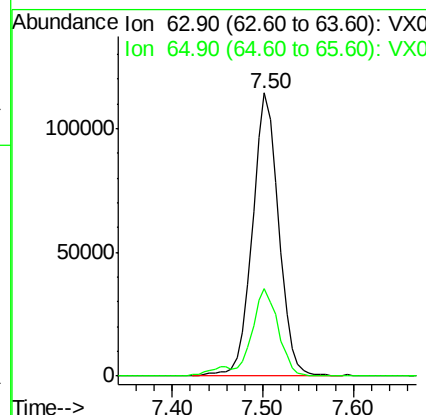
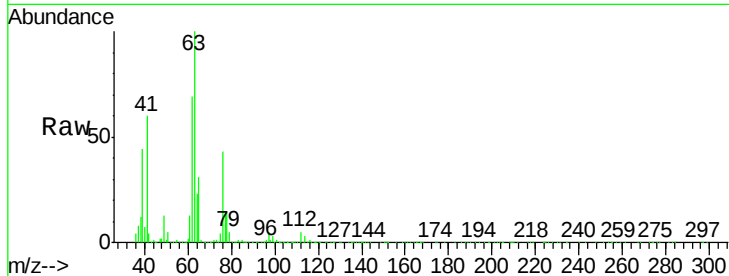
#45
 1,2-Dichloropropane
 Concen: 49.815 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014916.D
 Acq: 12 Feb 2020 11:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.7	24.9	37.3

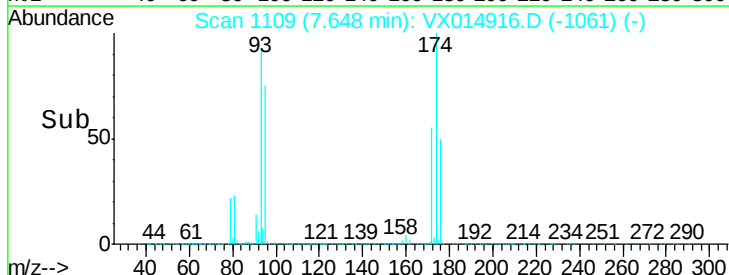
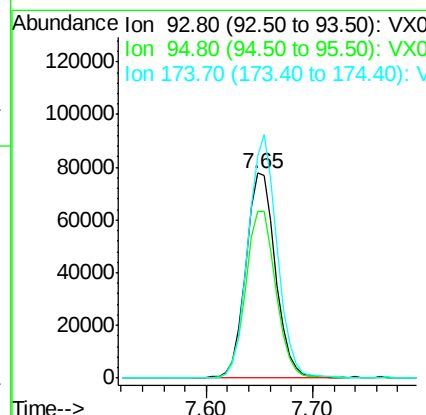
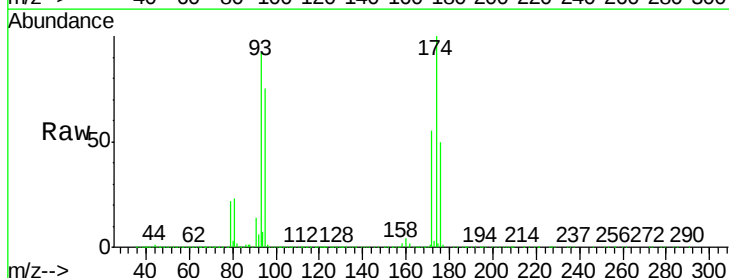
Manual Integrations
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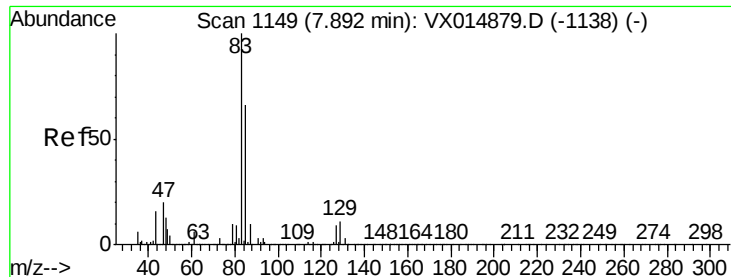
MMDadoda
 2/13/2020 11:15:49 AM



#46
 Dibromomethane
 Concen: 48.954 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX014916.D
 Acq: 12 Feb 2020 11:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.2	65.8	98.8
174	115.7	95.4	143.2





#47

Bromodichloromethane

Concen: 50.321 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

Instrument :

MSVOA_X

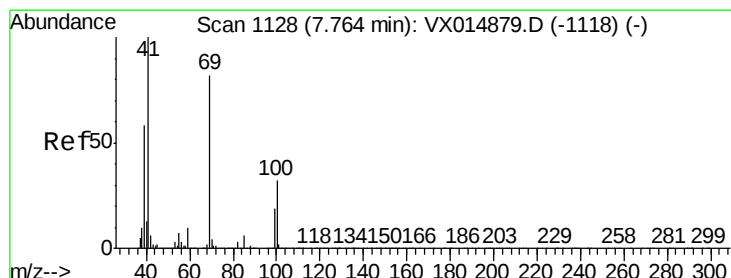
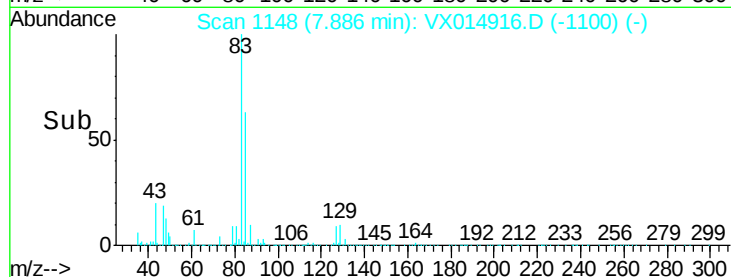
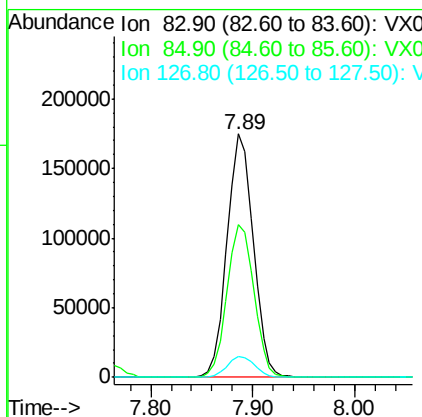
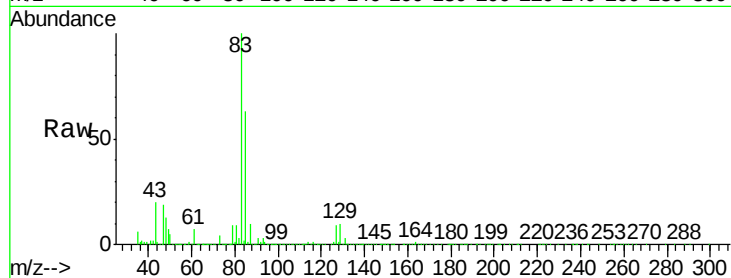
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	310912
Ion Ratio	Lower	Upper	
83	100		
85	62.8	52.5	78.7
127	8.6	7.4	11.0

Manual Integrations
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2/13/2020 11:15:49 AM



#48

Methyl methacrylate

Concen: 49.730 ug/l

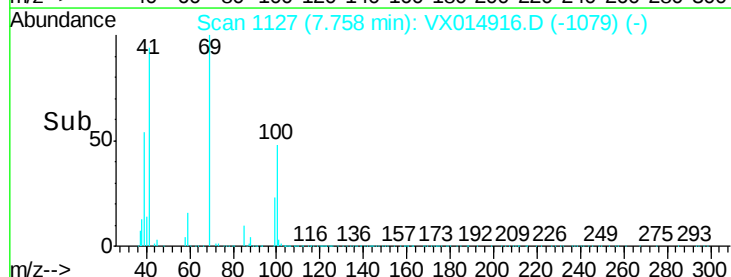
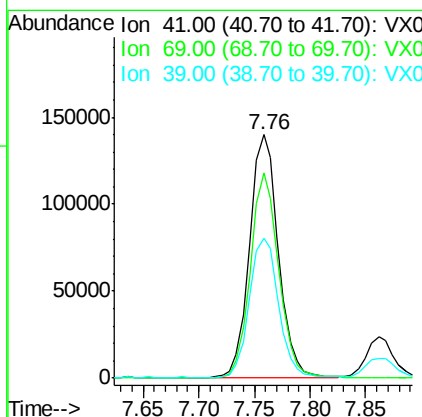
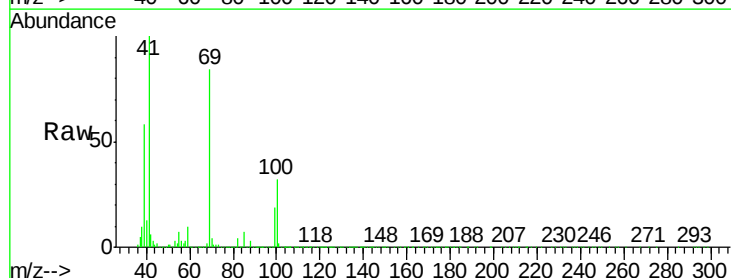
RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

Tgt Ion:	41	Resp:	251914
Ion Ratio	Lower	Upper	
41	100		
69	83.1	65.7	98.5
39	58.5	45.8	68.8





#49

1,4-Dioxane

Concen: 1012.285 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

Instrument :

MSVOA_X

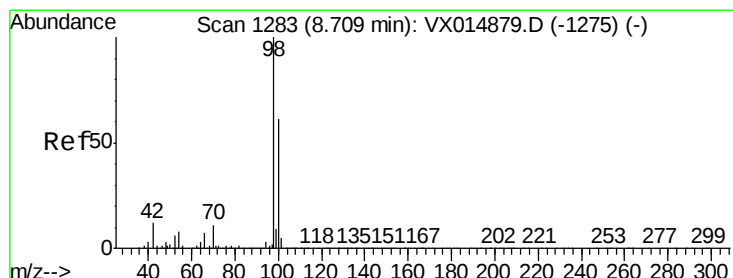
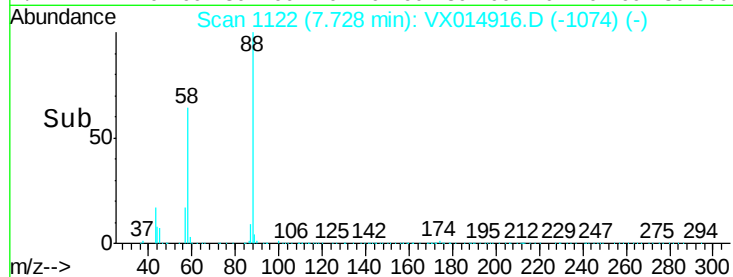
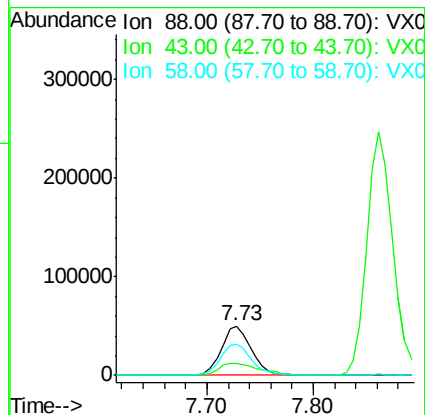
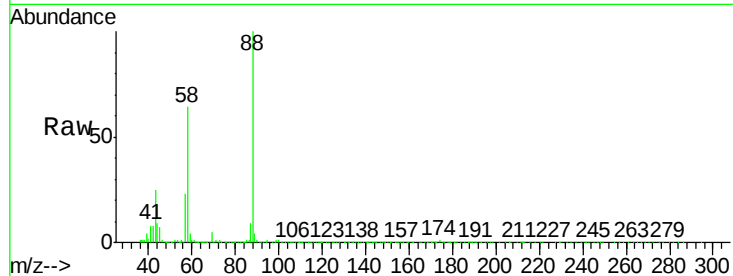
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	95876
Ion Ratio	Lower	Upper	
88	100		
43	33.7	27.0	40.4
58	67.1	53.2	79.8

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#50

Toluene-d8

Concen: 52.603 ug/l

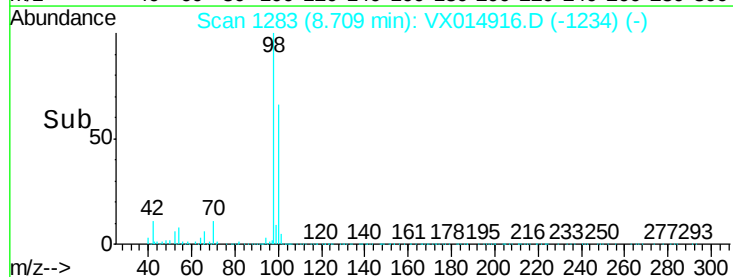
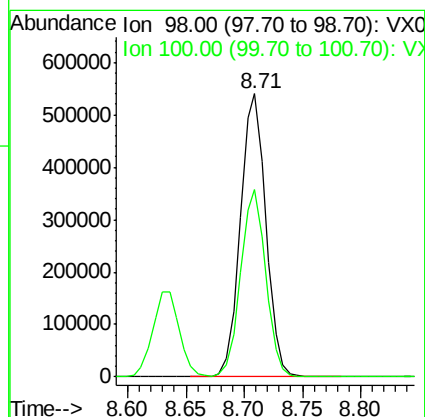
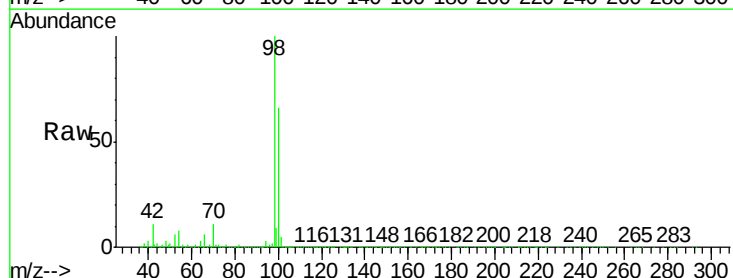
RT: 8.71 min Scan# 1283

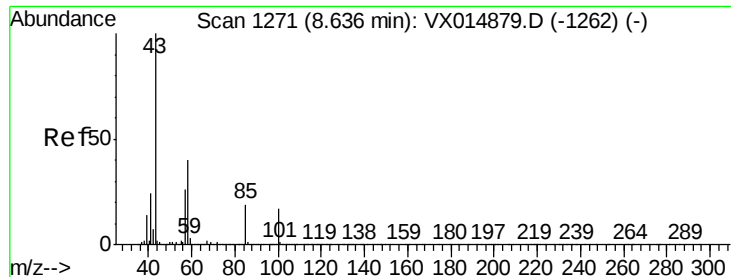
Delta R.T. 0.00 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

Tgt Ion:	98	Resp:	825578
Ion Ratio	Lower	Upper	
98	100		
100	65.2	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 248.445 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 1544171

Ion Ratio Lower Upper

43 100

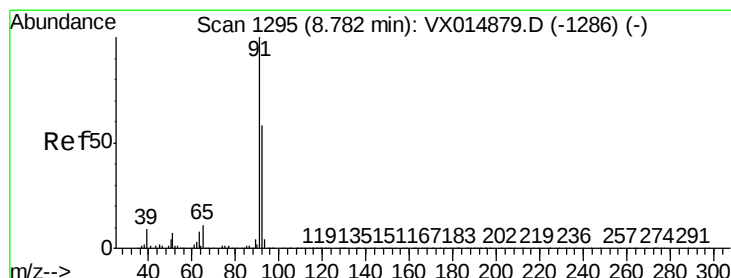
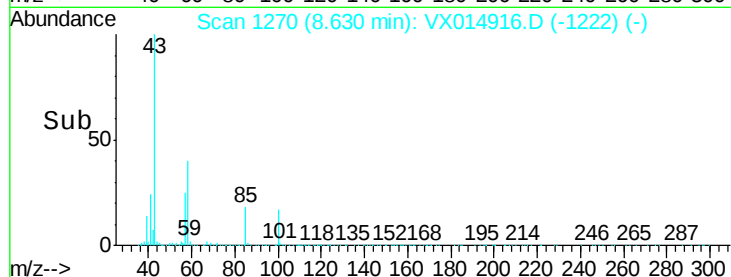
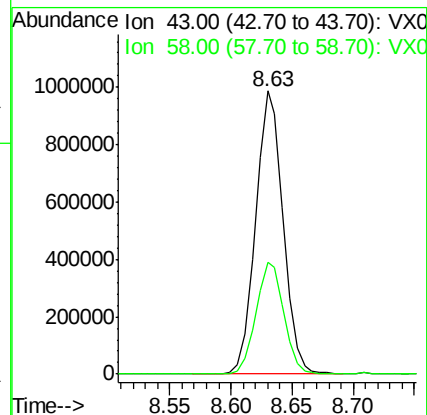
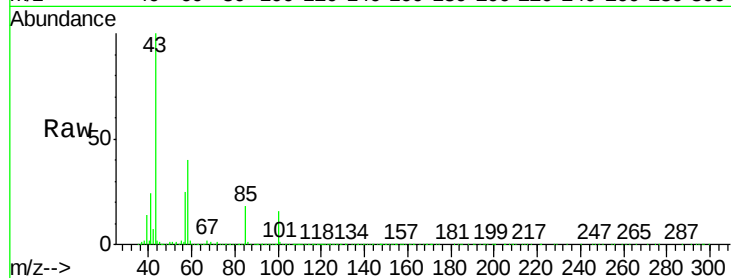
58 40.1 31.9 47.9

Manual Integrations

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#52

Toluene

Concen: 50.257 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014916.D

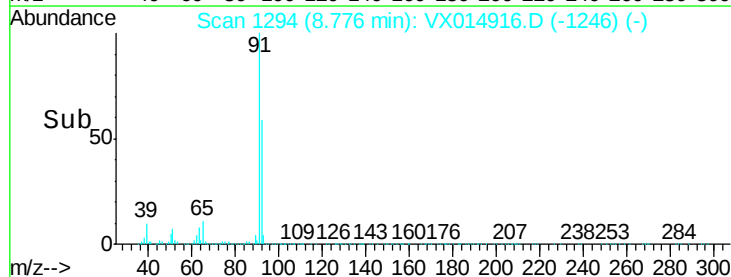
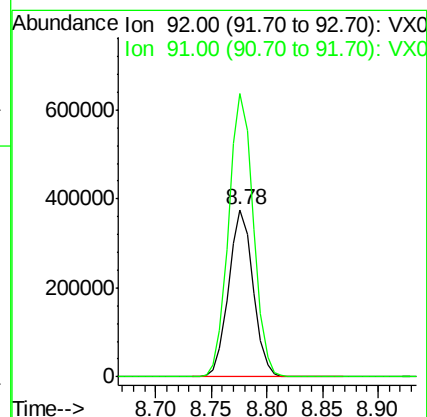
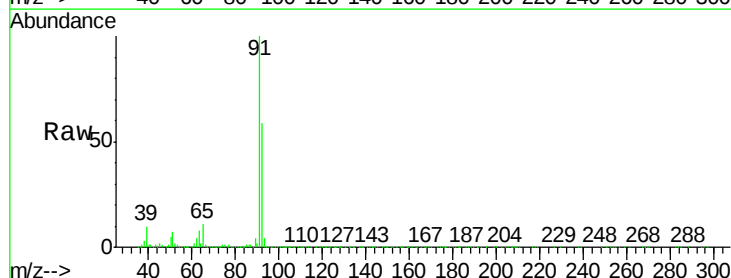
Acq: 12 Feb 2020 11:04

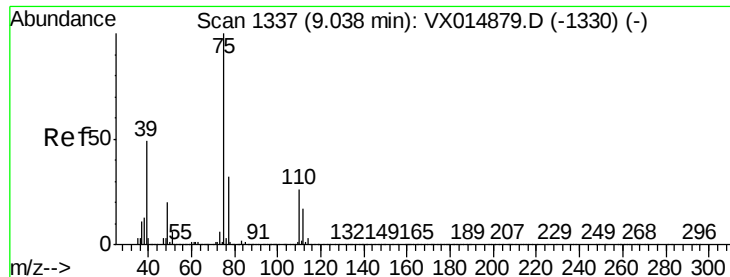
Tgt Ion: 92 Resp: 570577

Ion Ratio Lower Upper

92 100

91 171.3 137.0 205.4





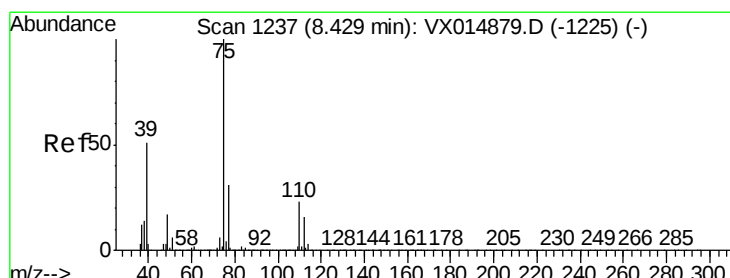
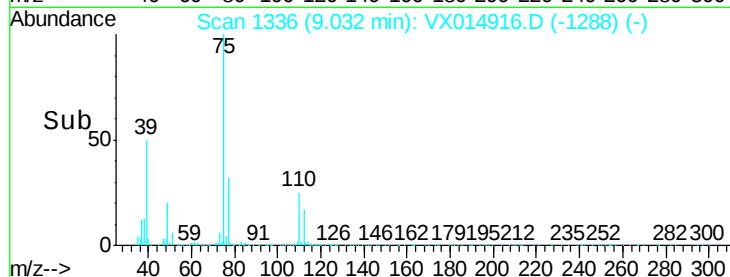
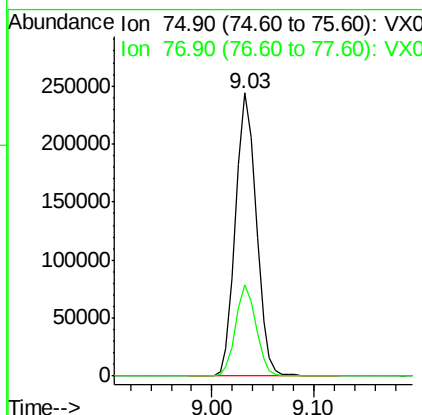
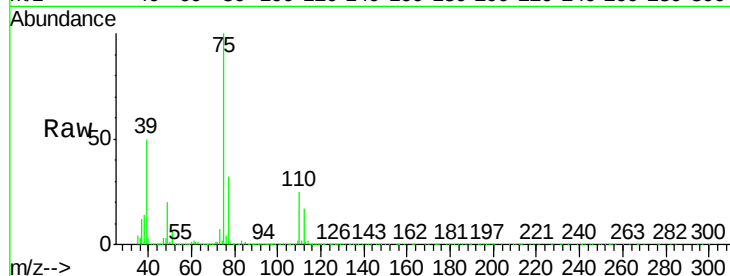
#53
t-1,3-Dichloropropene
Concen: 50.719 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.5	38.3

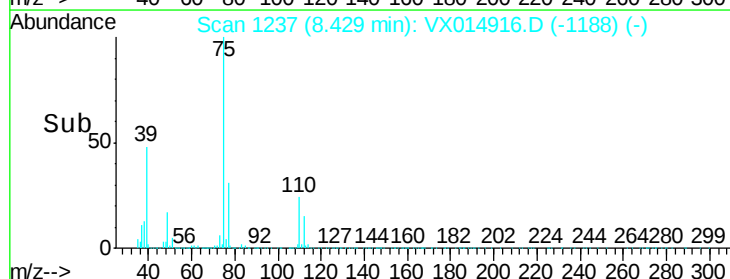
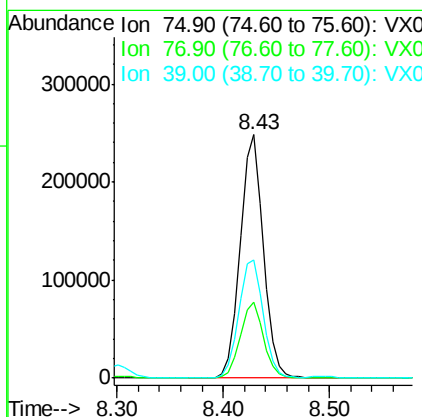
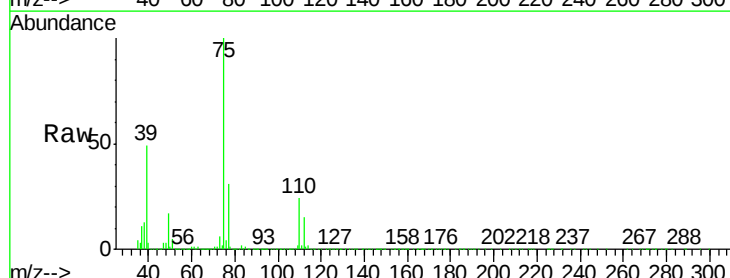
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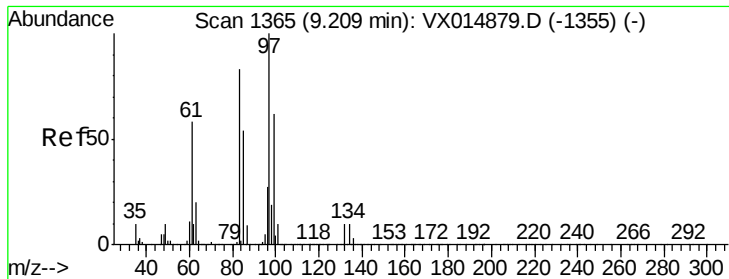
MMDadoda
2/13/2020 11:15:49 AM



#54
cis-1,3-Dichloropropene
Concen: 50.734 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.0	24.6	37.0
39	48.5	40.9	61.3





#55

1,1,2-Trichloroethane

Concen: 49.870 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

Instrument :

MSVOA_X

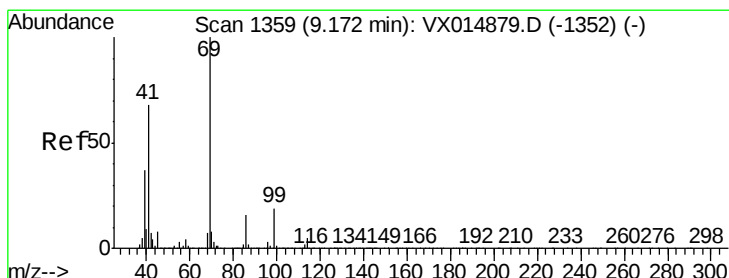
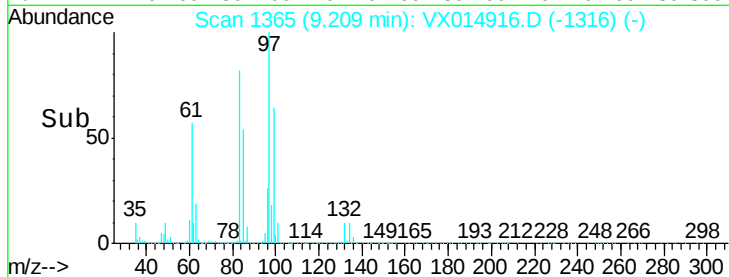
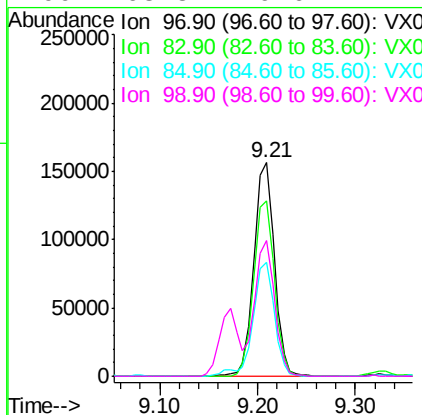
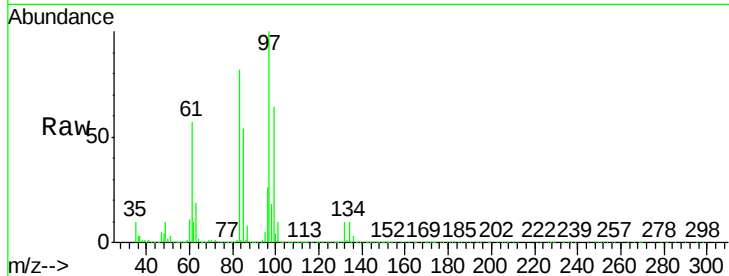
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		229065		
83	81.9	66.6	99.8		
85	53.6	43.5	65.3		
99	63.8	49.6	74.4		

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#56

Ethyl methacrylate

Concen: 51.373 ug/l

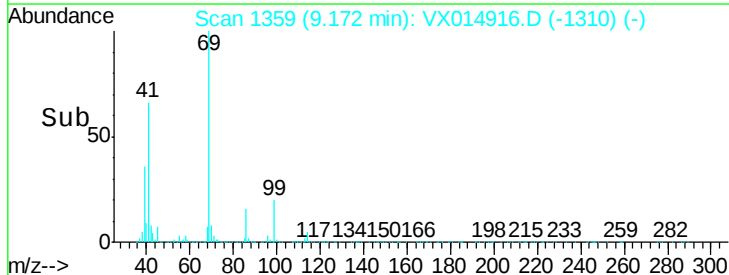
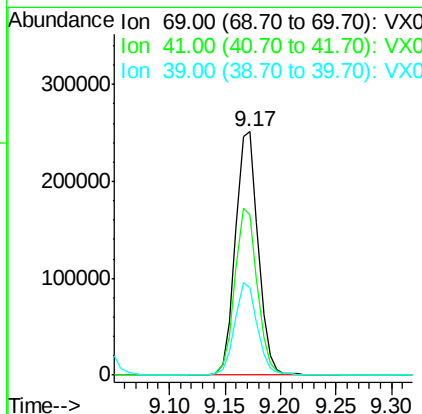
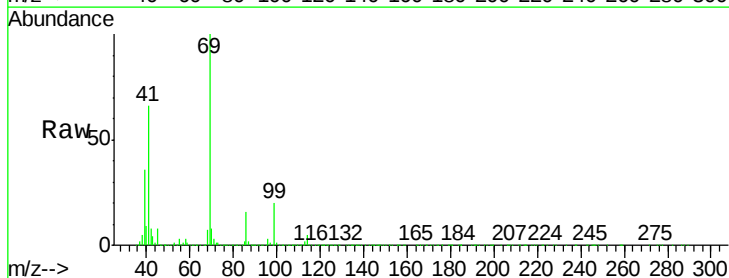
RT: 9.17 min Scan# 1359

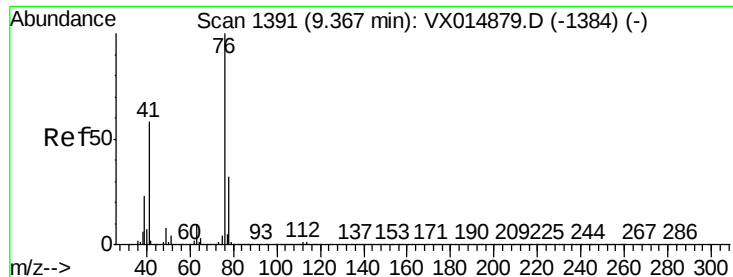
Delta R.T. 0.00 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		354685		
41	68.0	54.8	82.2		
39	37.6	29.9	44.9		





#57

1,3-Dichloropropane

Concen: 49.052 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 379266

Ion Ratio Lower Upper

76 100

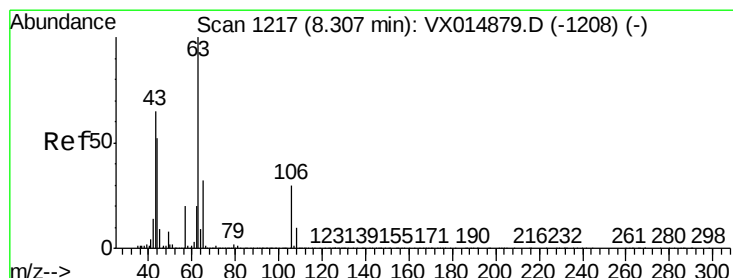
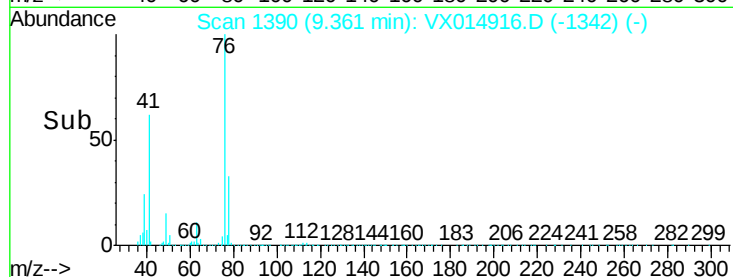
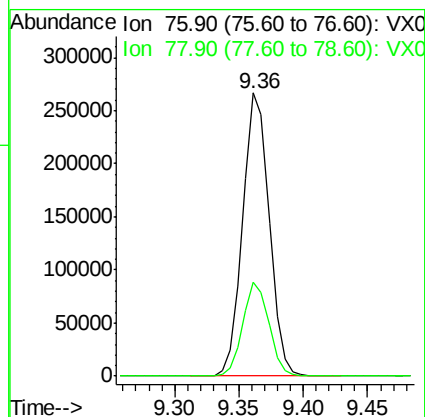
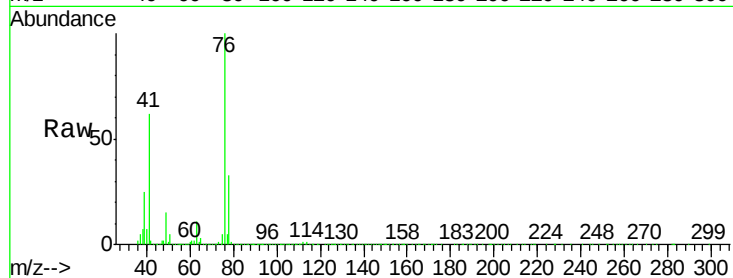
78 32.5 25.8 38.8

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 255.128 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014916.D

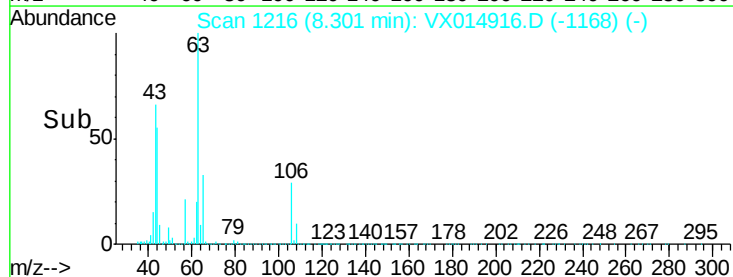
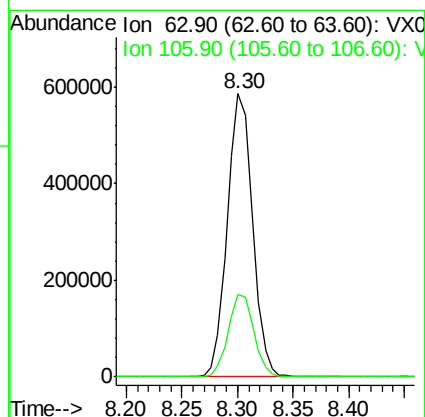
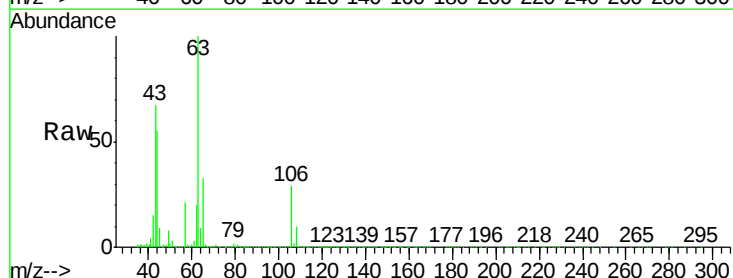
Acq: 12 Feb 2020 11:04

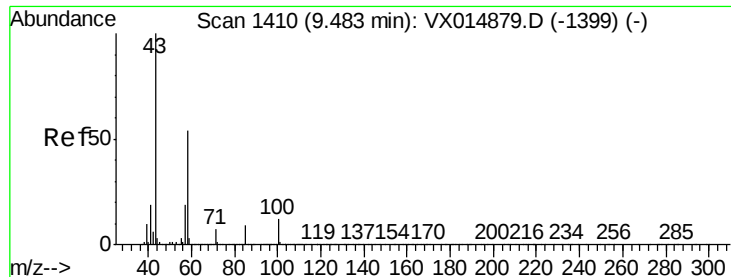
Tgt Ion: 63 Resp: 921192

Ion Ratio Lower Upper

63 100

106 29.6 23.8 35.8





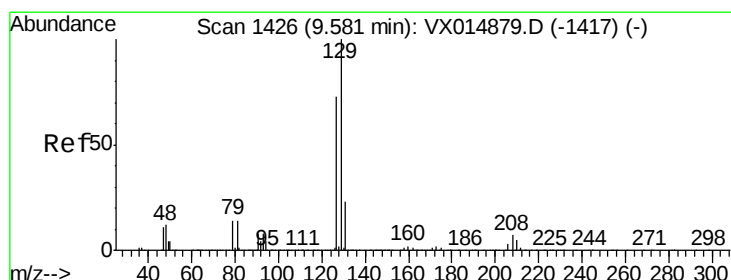
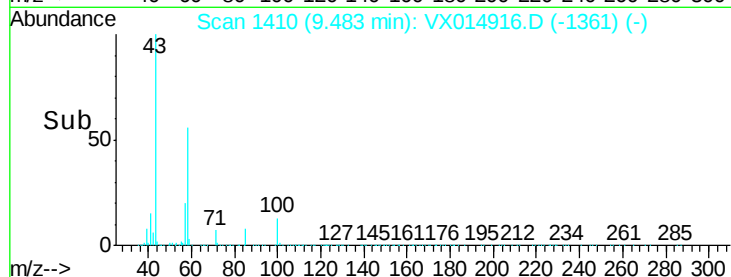
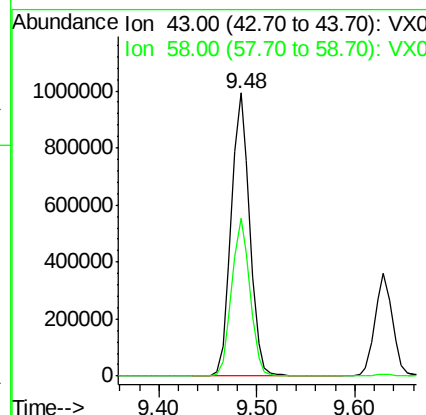
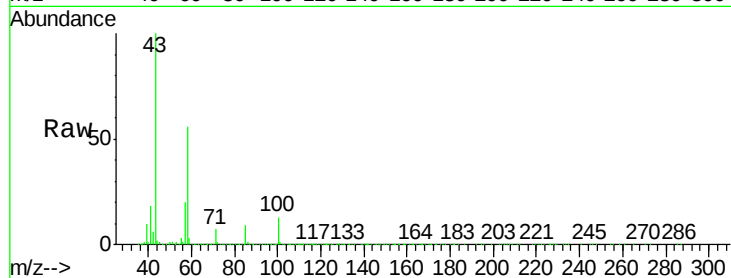
#59
2-Hexanone
Concen: 267.024 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1304504
Ion Ratio Lower Upper
43 100
58 55.7 27.5 82.5

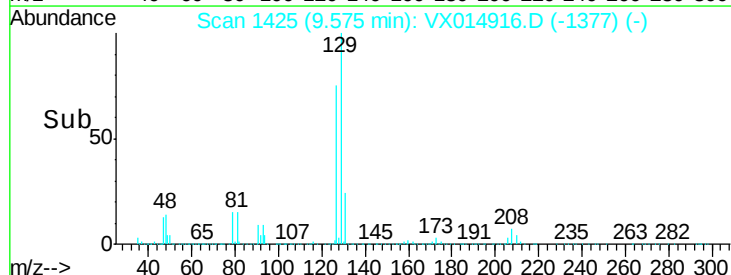
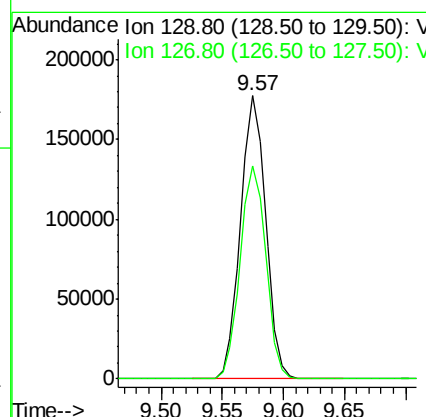
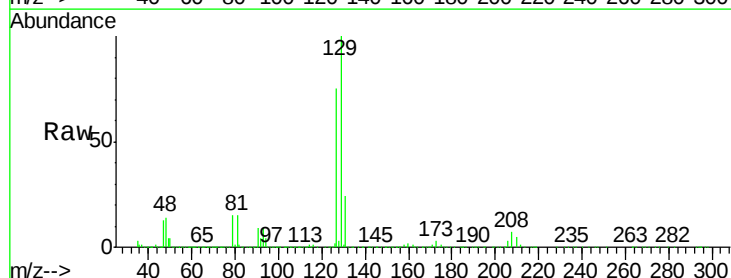
Manual Integrations
APPROVED

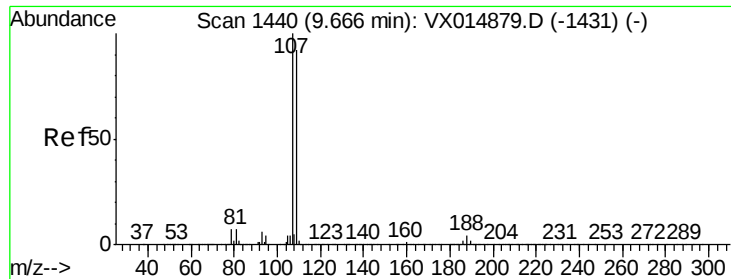
MMDadoda
2/13/2020 11:15:49 AM



#60
Dibromochloromethane
Concen: 51.192 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

Tgt Ion: 129 Resp: 253047
Ion Ratio Lower Upper
129 100
127 76.8 37.8 113.3





#61

1,2-Dibromoethane

Concen: 48.725 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 241484

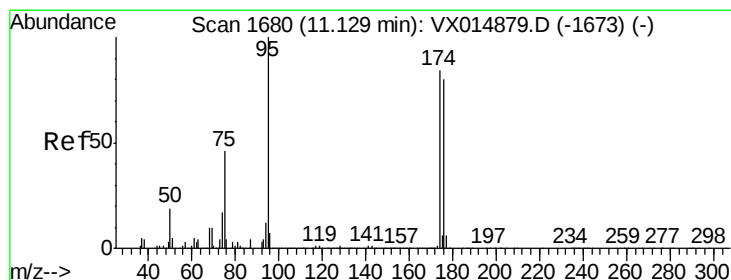
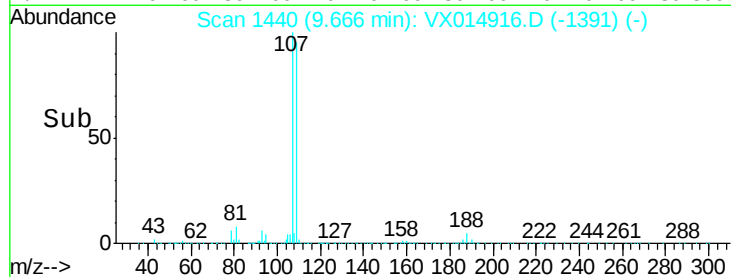
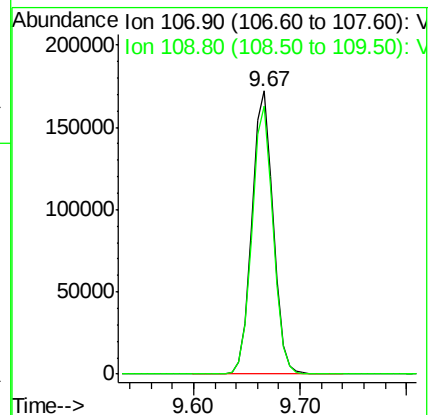
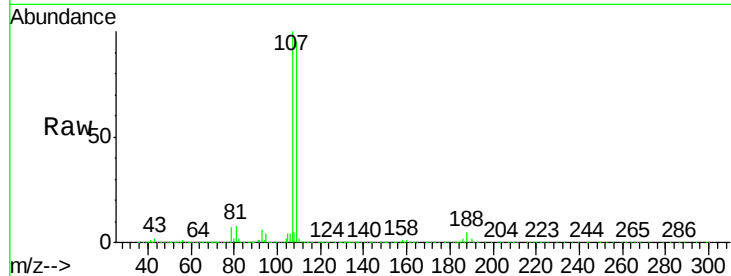
Ion Ratio Lower Upper

107 100

109 94.5 75.6 113.4

Manual Integrations
APPROVED

MMDadoda
2/13/2020 11:15:49 AM



#62

4-Bromofluorobenzene

Concen: 53.174 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

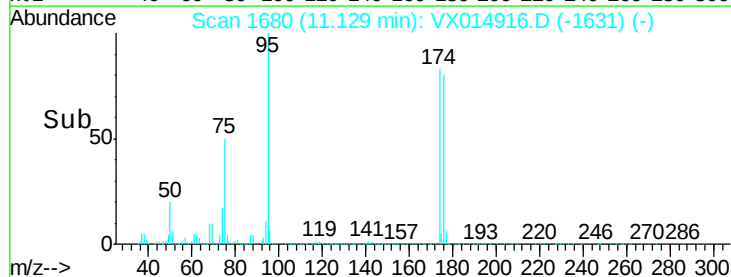
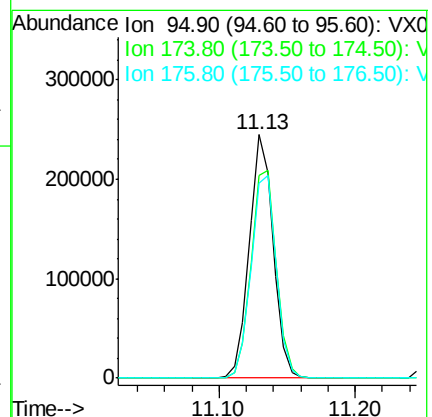
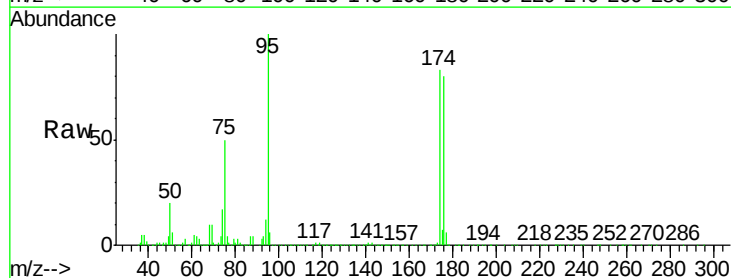
Tgt Ion: 95 Resp: 300626

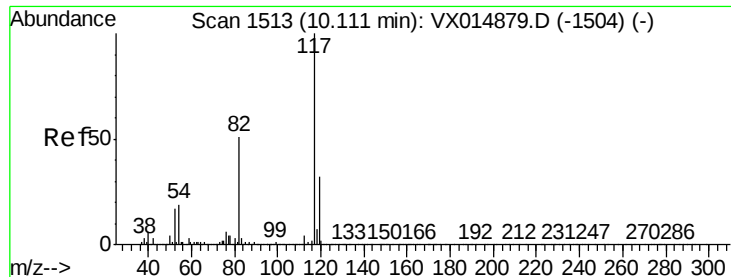
Ion Ratio Lower Upper

95 100

174 90.9 0.0 183.0

176 88.3 0.0 178.0





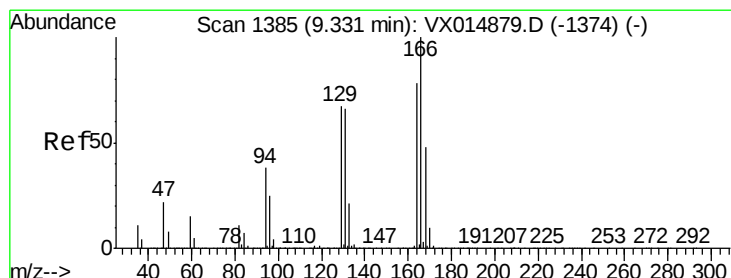
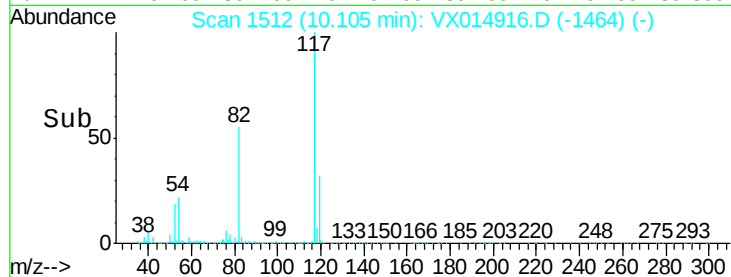
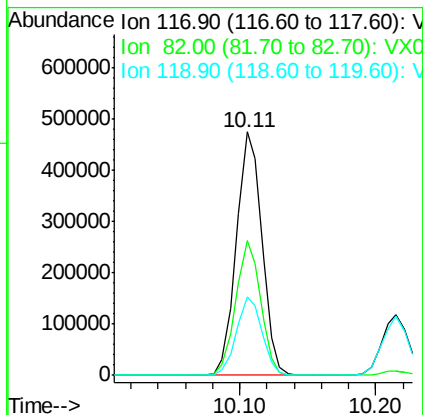
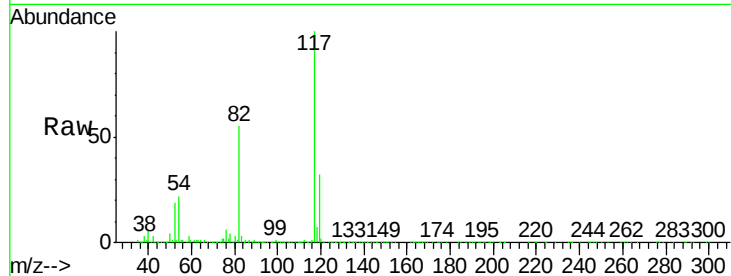
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.3	40.5	60.7
119	32.0	25.8	38.6

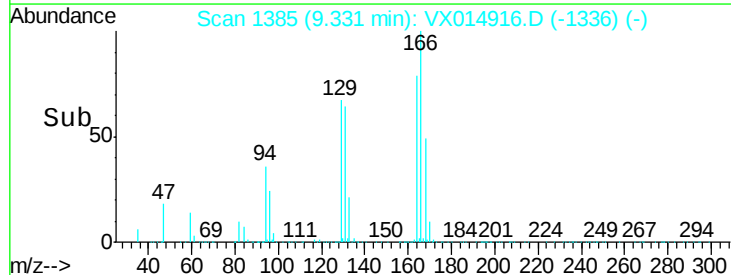
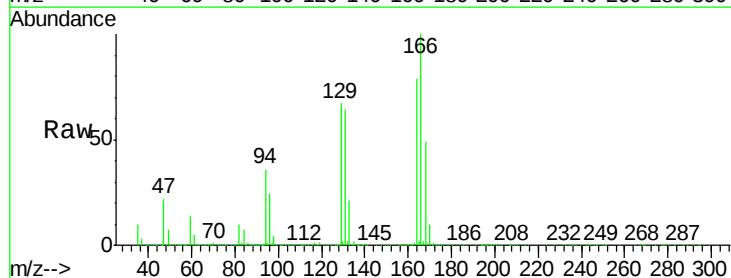
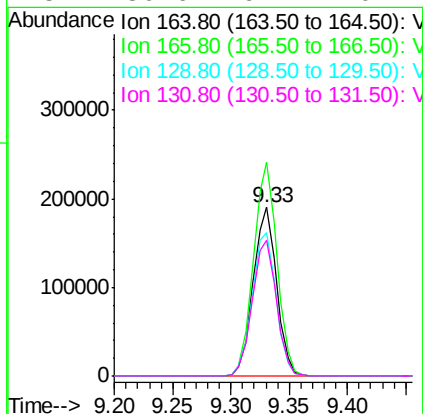
Manual Integrations
APPROVED

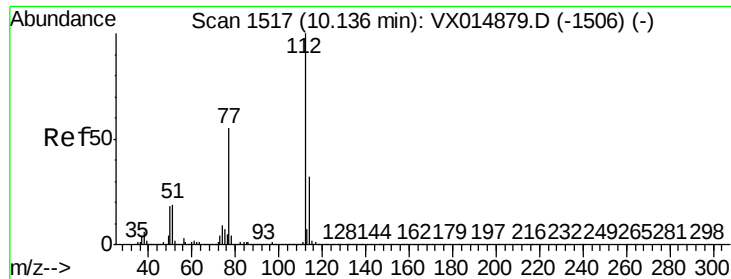
MMDadoda
2/13/2020 11:15:49 AM



#64
Tetrachloroethene
Concen: 46.018 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.4	102.6	153.8
129	84.6	68.3	102.5
131	80.6	67.4	101.2





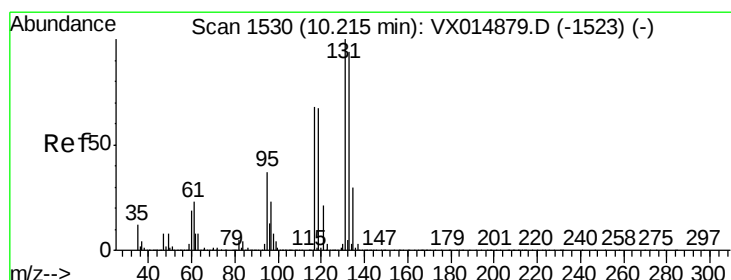
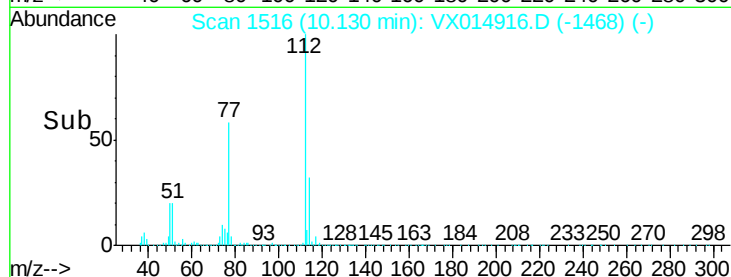
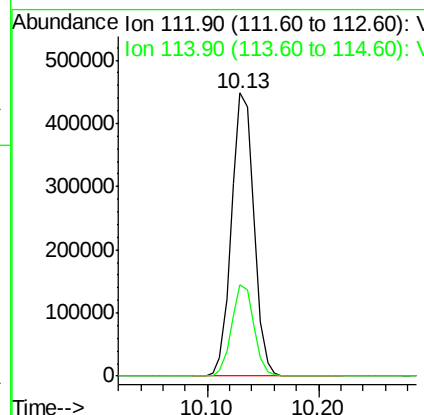
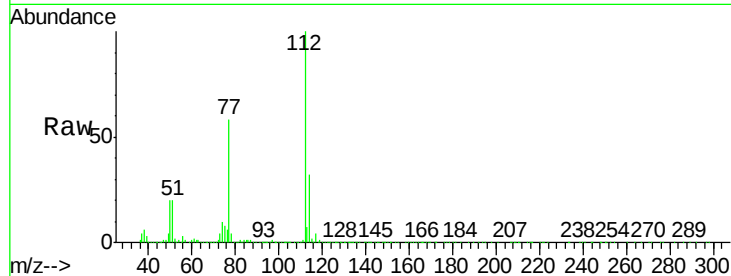
#65
Chlorobenzene
Concen: 49.604 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.6	38.4

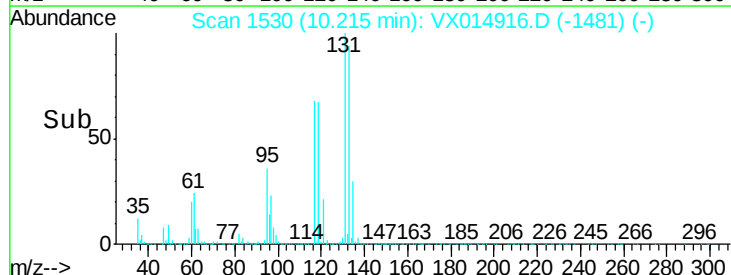
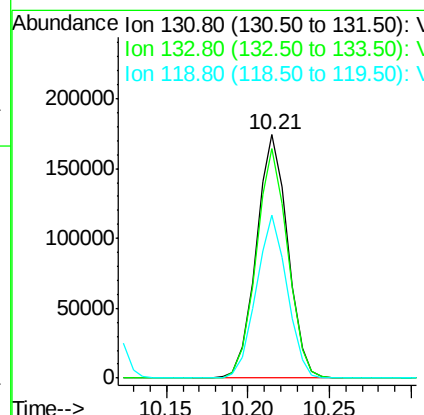
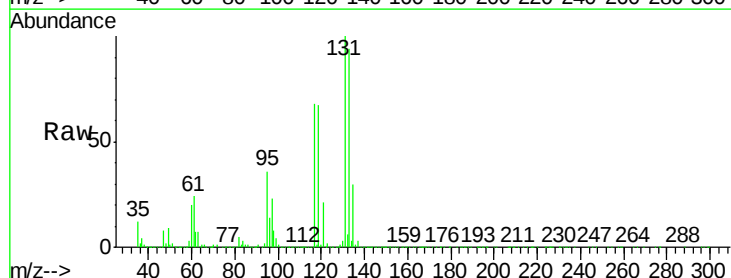
Manual Integrations
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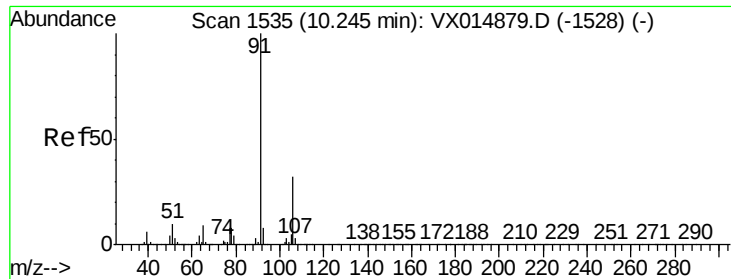
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.968 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.6	48.1	144.4
119	65.9	33.0	99.0





#67

Ethyl Benzene

Concen: 51.006 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1093203

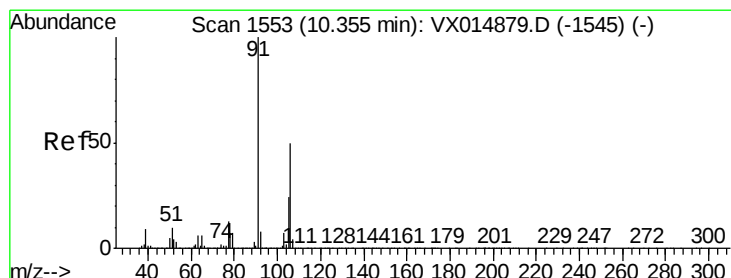
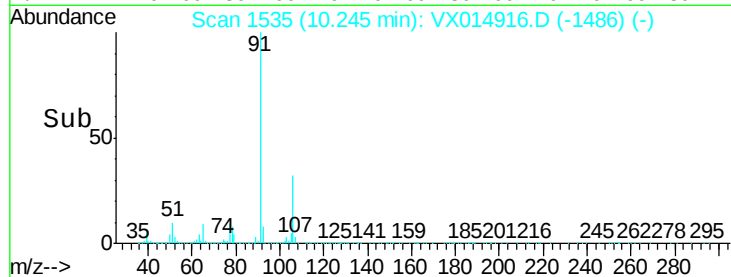
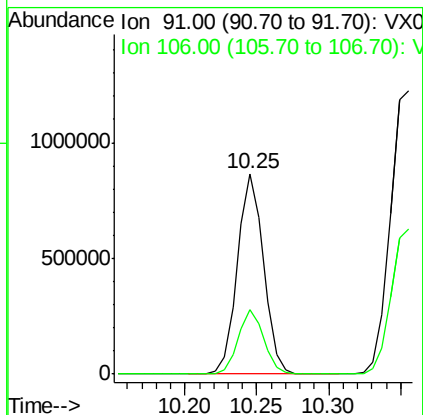
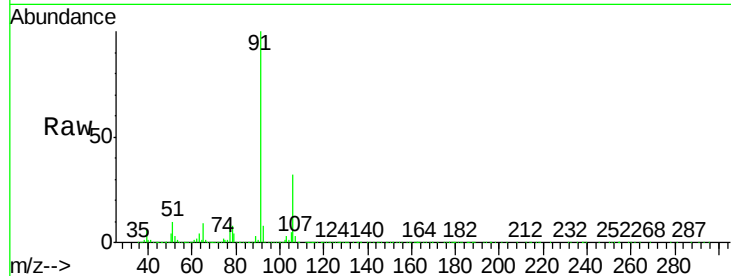
Ion Ratio Lower Upper

91 100

106 32.1 25.3 37.9

Manual Integrations
APPROVED

MMDadoda
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#68

m/p-Xylenes

Concen: 102.210 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014916.D

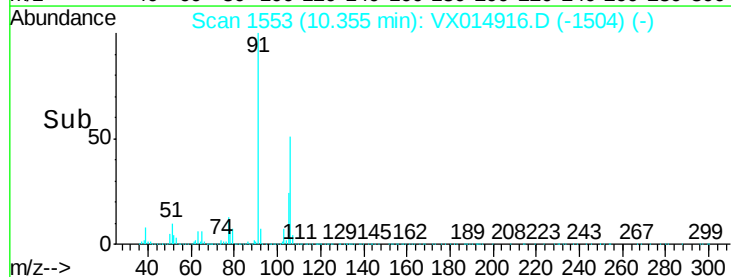
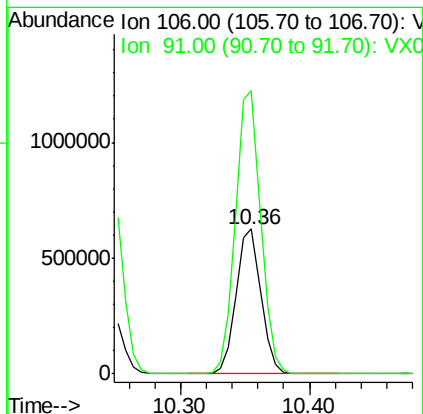
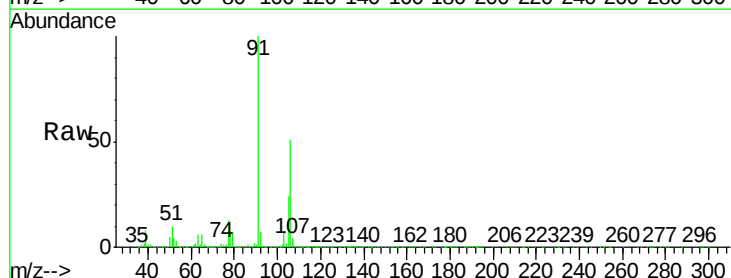
Acq: 12 Feb 2020 11:04

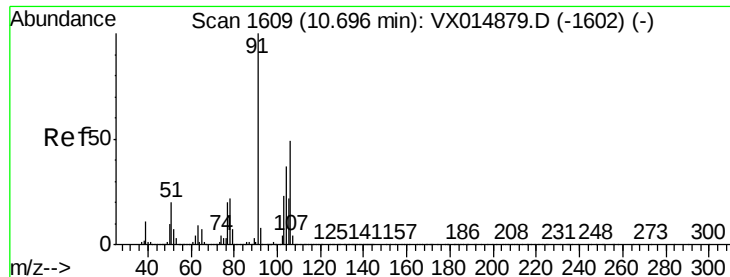
Tgt Ion: 106 Resp: 843908

Ion Ratio Lower Upper

106 100

91 198.9 160.6 240.8





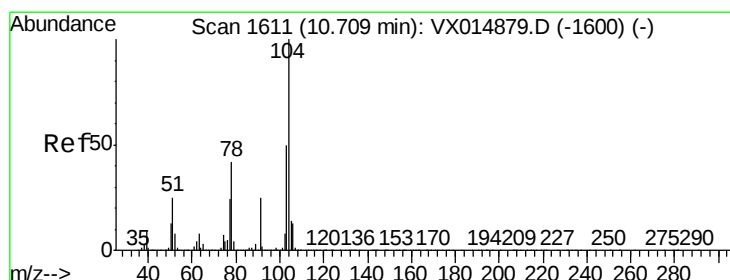
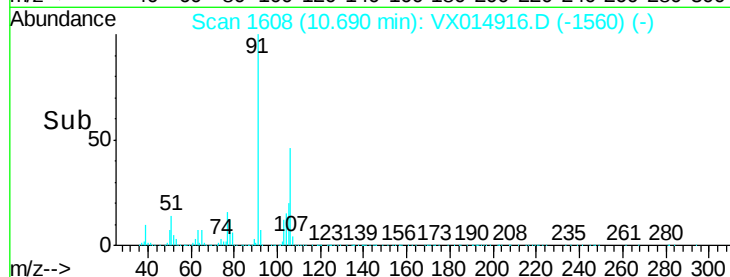
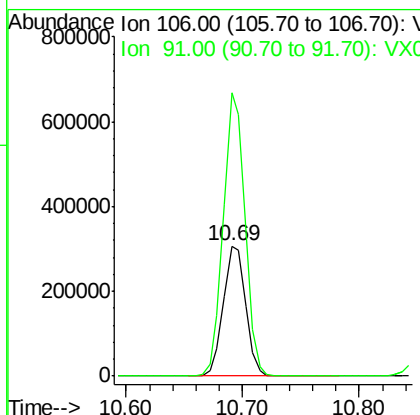
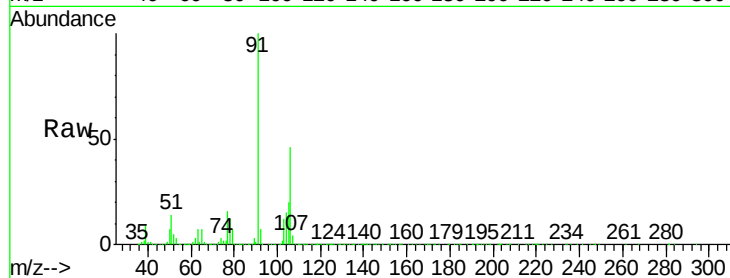
#69
o-Xylene
Concen: 51.098 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
106	100	405554		
91	211.6	105.1	315.3	

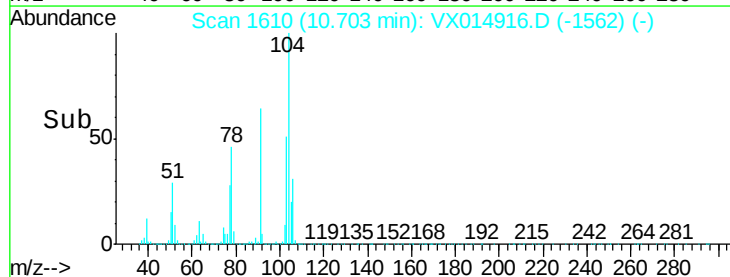
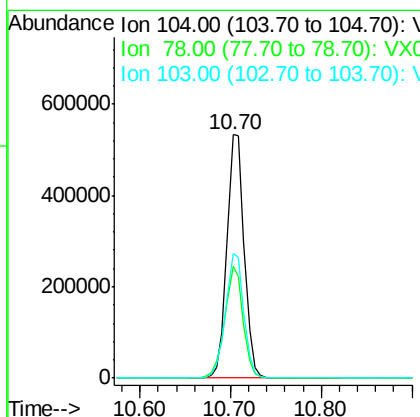
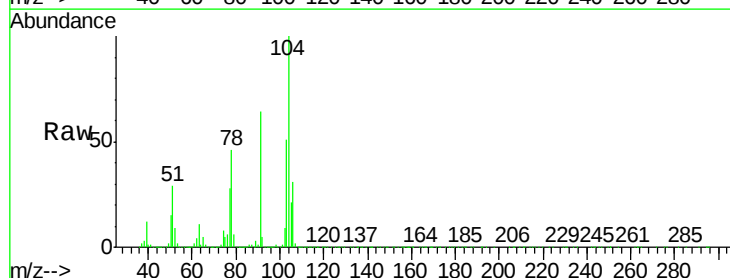
Manual Integrations
APPROVED

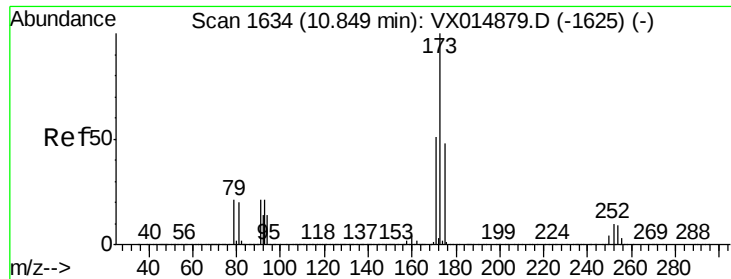
MMDadoda
2/13/2020 11:15:49 AM



#70
Styrene
Concen: 52.559 ug/l
RT: 10.70 min Scan# 1610
Delta R.T. -0.01 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	705716		
78	48.4	39.0	58.4	
103	54.4	43.4	65.0	





#71

Bromoform

Concen: 52.107 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

Instrument :

MSVOA_X

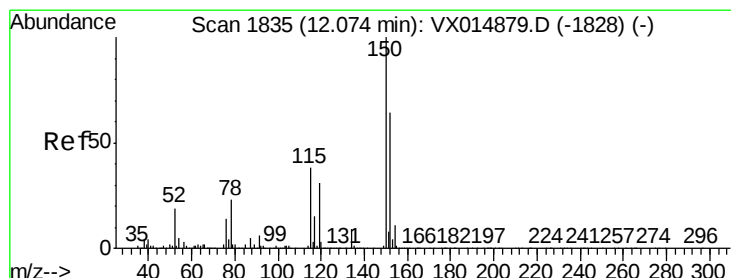
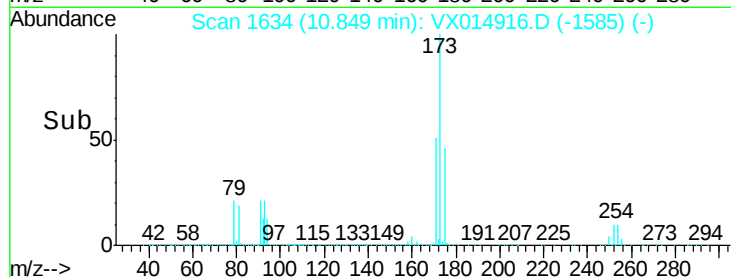
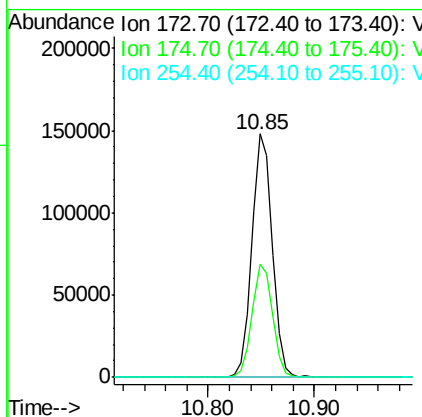
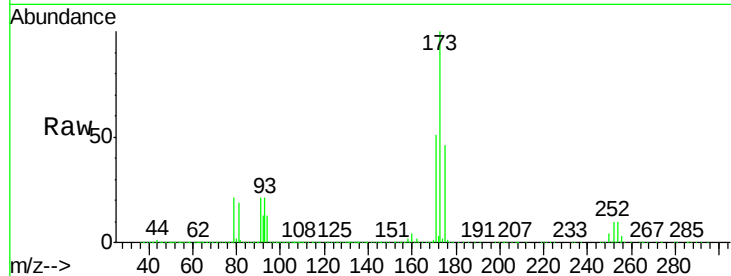
ClientSampleId :

VSTDCCC050

Tot Ion:	173	Resp:	198992
Ion Ratio	Lower	Upper	
173	100		
175	47.3	24.2	72.6
254	0.2	0.2	0.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

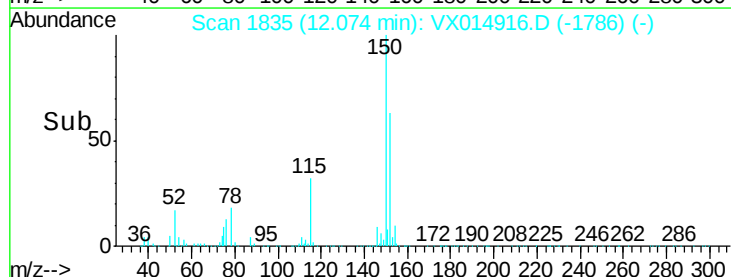
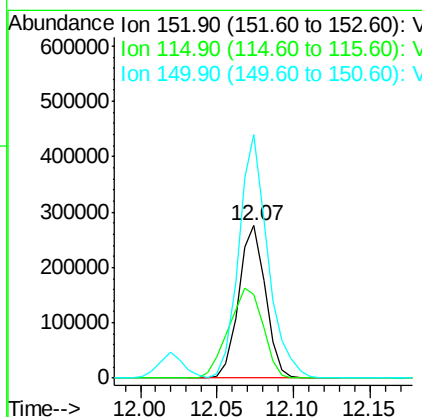
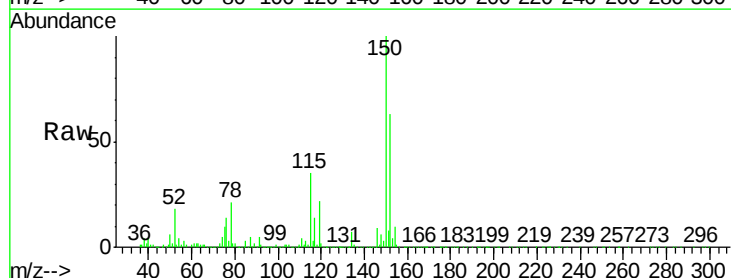
RT: 12.07 min Scan# 1835

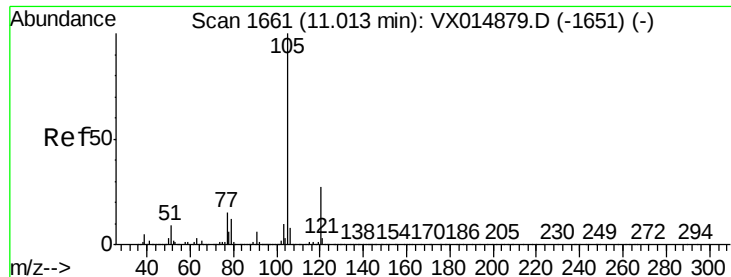
Delta R.T. 0.00 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

Tgt Ion:	152	Resp:	332430
Ion Ratio	Lower	Upper	
152	100		
115	76.4	38.6	116.0
150	172.9	0.0	349.0





#73

Isopropylbenzene

Concen: 52.532 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1095133

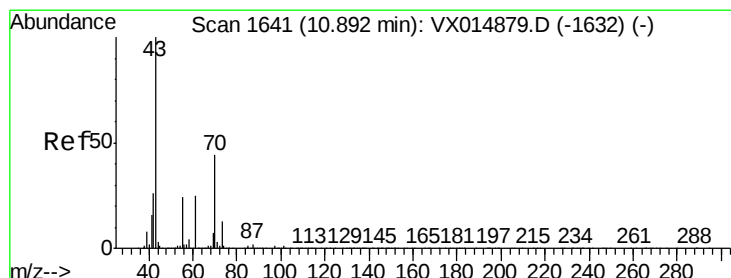
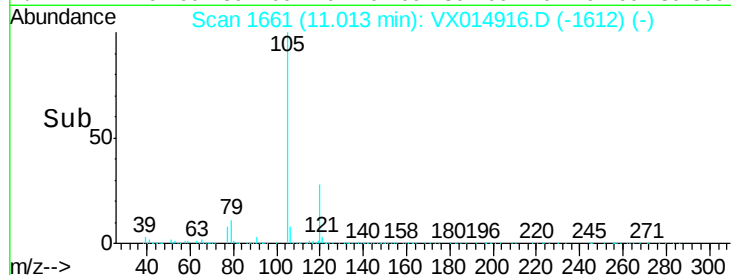
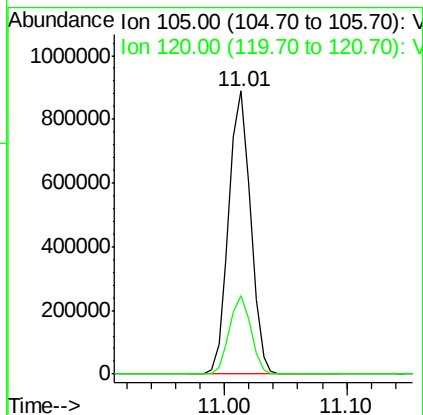
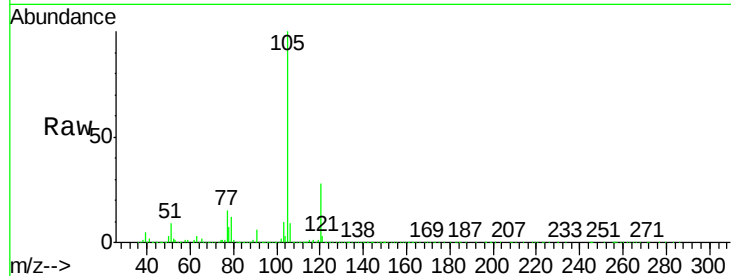
Ion Ratio Lower Upper

105 100

120 27.2 13.6 40.8

Manual Integrations
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#74

N-ethyl acetate

Concen: 52.748 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

Tgt Ion: 43 Resp: 456906

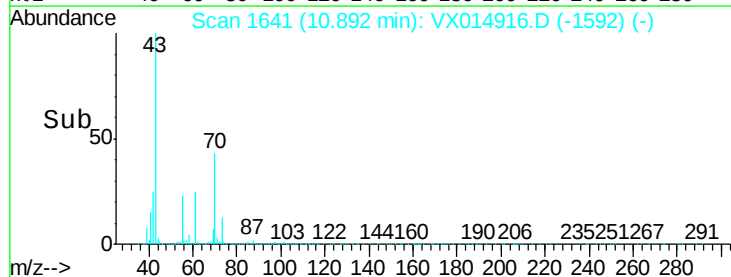
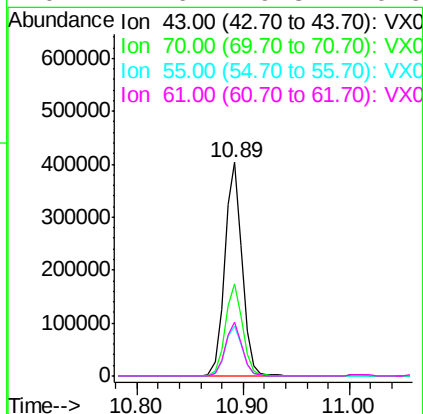
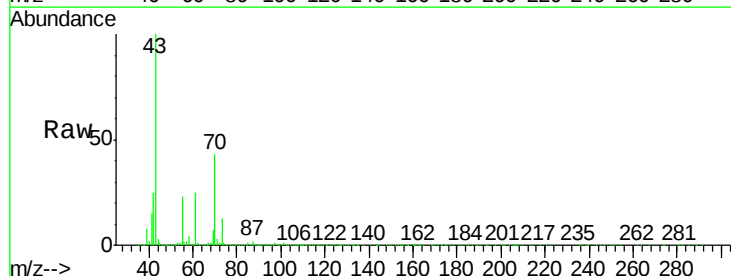
Ion Ratio Lower Upper

43 100

70 42.8 35.0 52.4

55 23.6 19.4 29.2

61 24.6 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 49.169 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

Instrument :

MSVOA_X

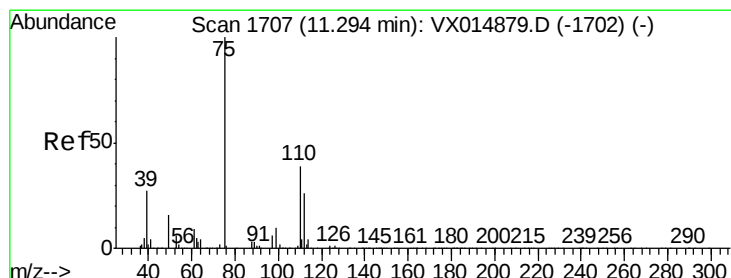
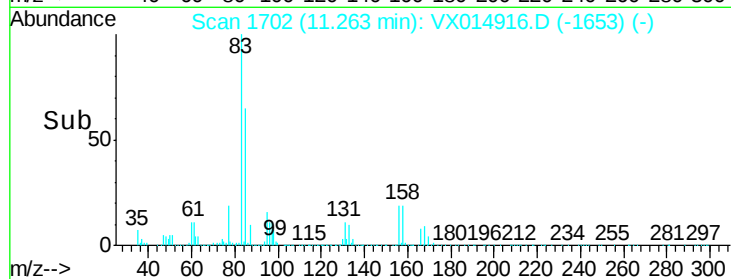
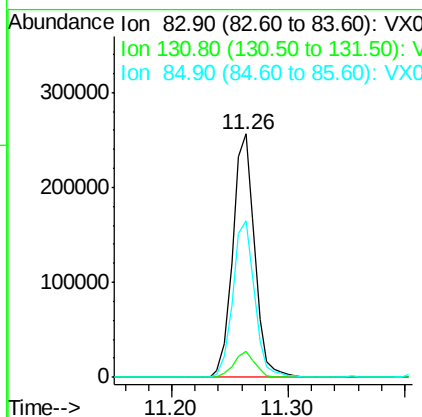
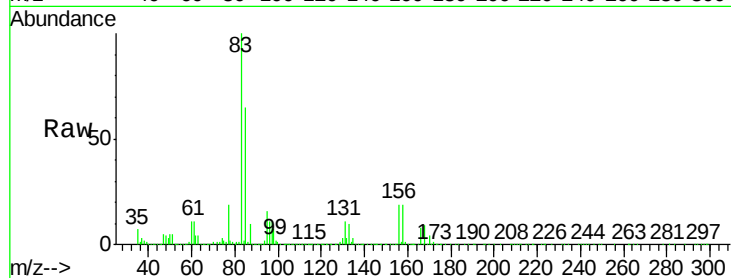
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	335069
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.3	16.1
85	64.3	32.6	97.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 48.008 ug/l m

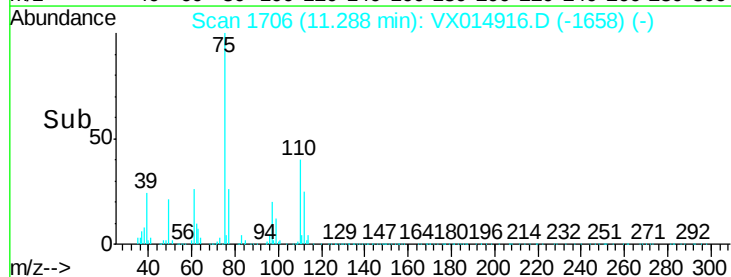
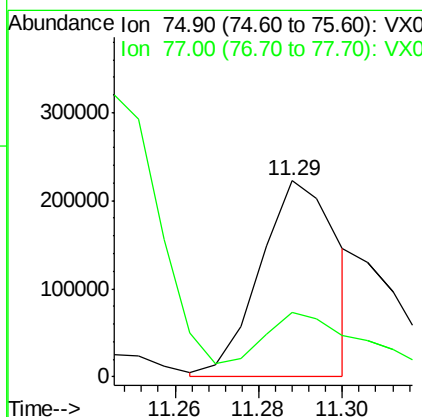
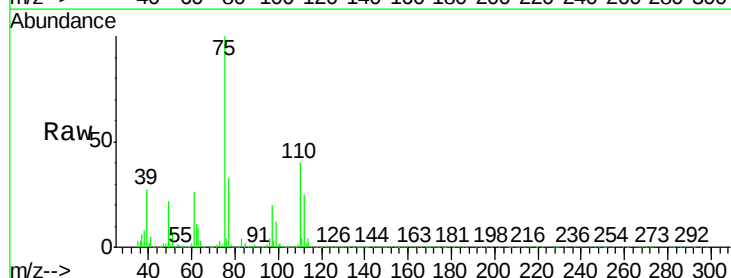
RT: 11.29 min Scan# 1706

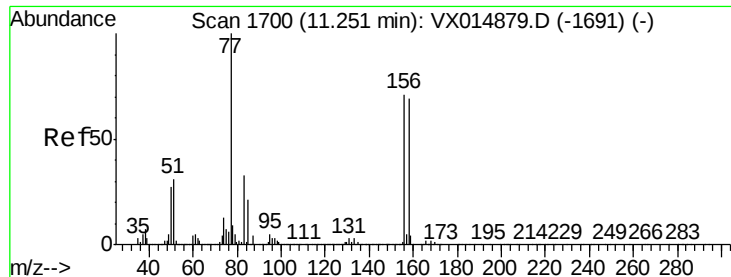
Delta R.T. -0.01 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

Tgt Ion:	75	Resp:	288596
Ion Ratio	Lower	Upper	
75	100		
77	44.1	18.4	55.0





#77

Bromobenzene

Concen: 49.053 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

Instrument :

MSVOA_X

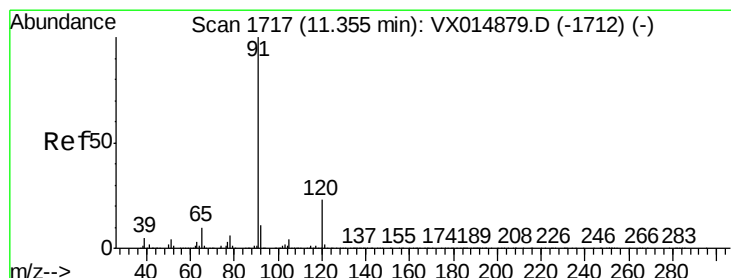
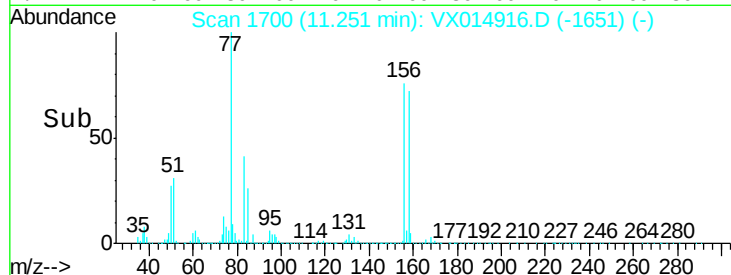
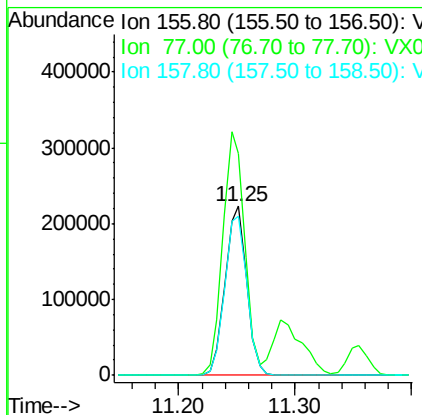
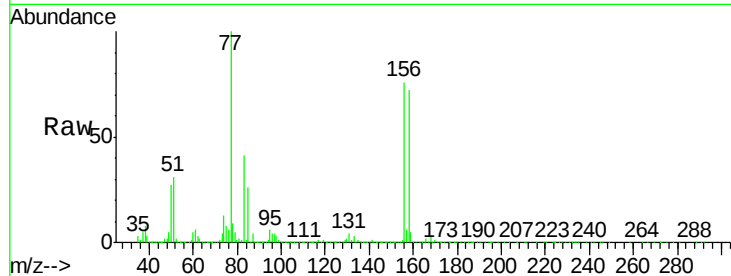
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	285423
Ion Ratio	Lower	Upper	
156	100		
77	145.3	74.0	222.0
158	97.4	48.9	146.6

Manual Integrations
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#78

n-propylbenzene

Concen: 52.167 ug/l

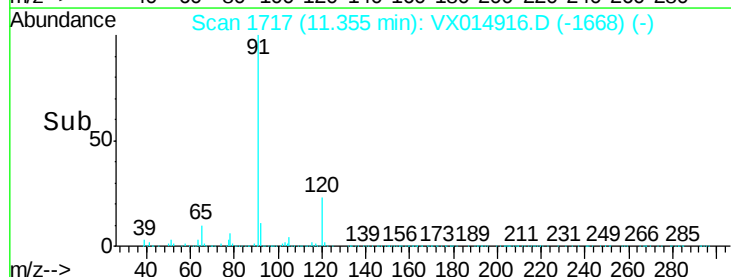
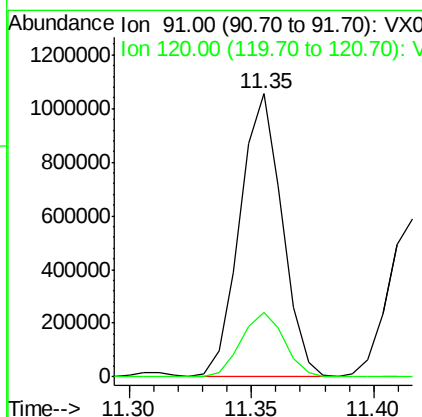
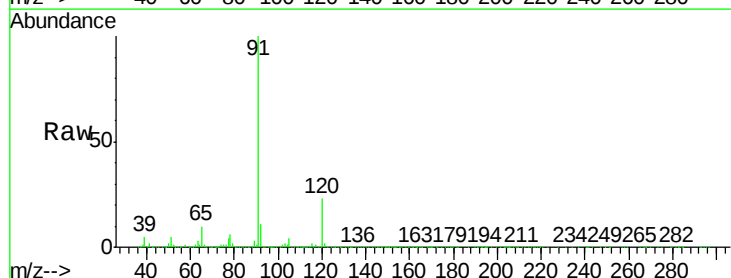
RT: 11.35 min Scan# 1717

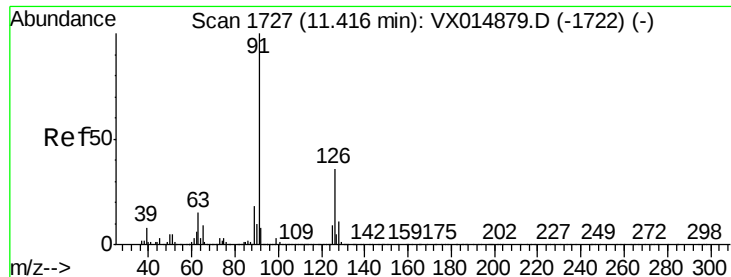
Delta R.T. 0.00 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

Tgt Ion:	91	Resp:	1257837
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.8	35.4





#79

2-Chlorotoluene

Concen: 50.834 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 720582

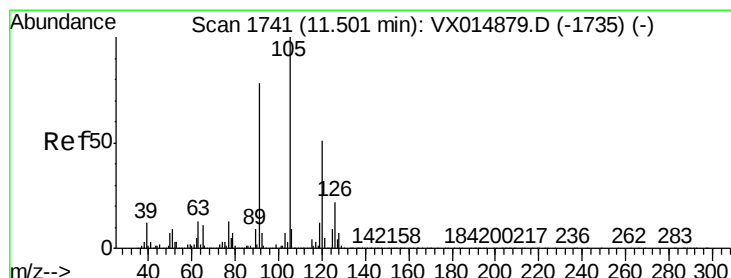
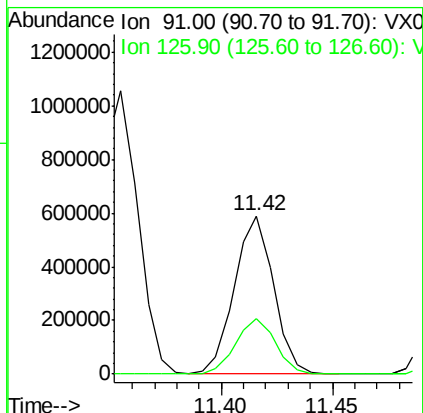
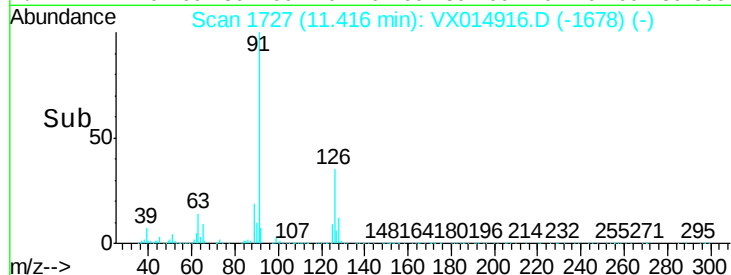
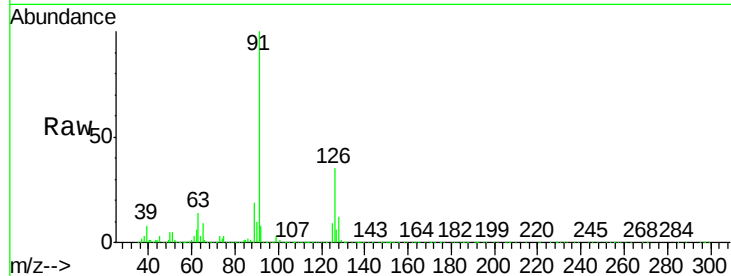
Ion Ratio Lower Upper

91 100

126 35.4 18.0 54.0

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 52.744 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014916.D

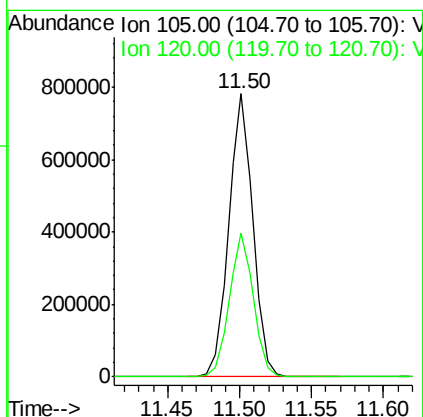
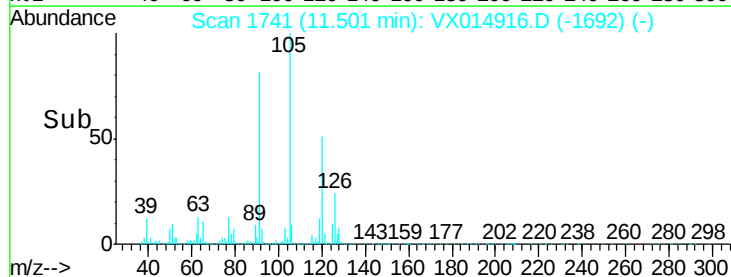
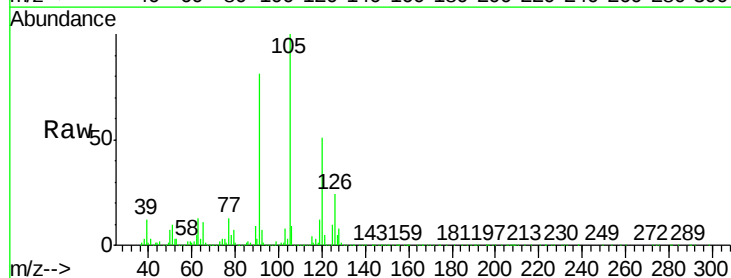
Acq: 12 Feb 2020 11:04

Tgt Ion: 105 Resp: 918740

Ion Ratio Lower Upper

105 100

120 50.5 25.6 76.6





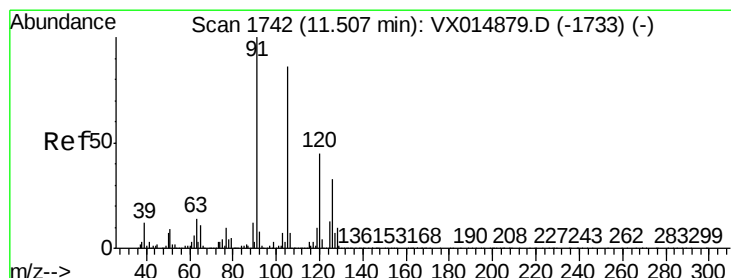
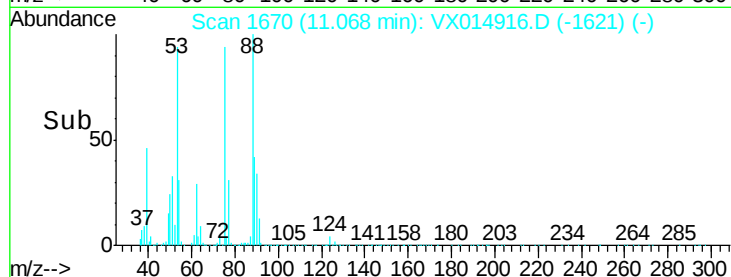
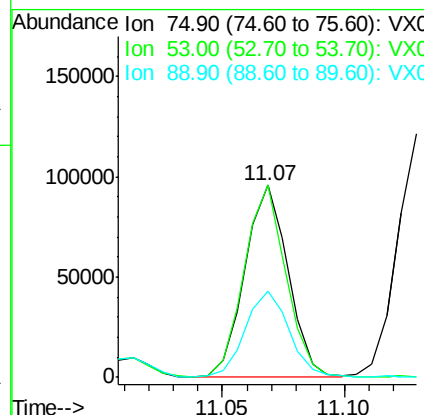
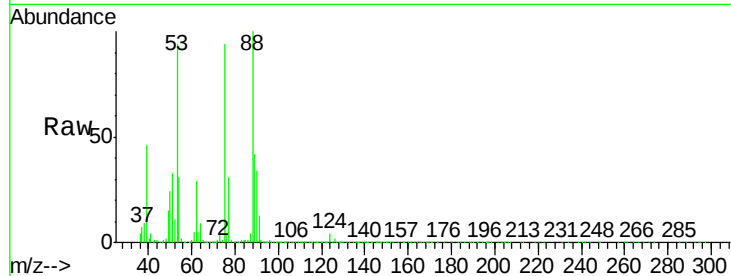
#81
trans-1,4-Dichloro-2-butene
Concen: 49.647 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.5	76.2	114.2
89	45.5	35.8	53.6

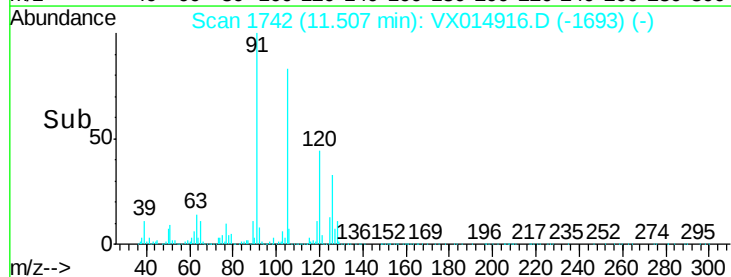
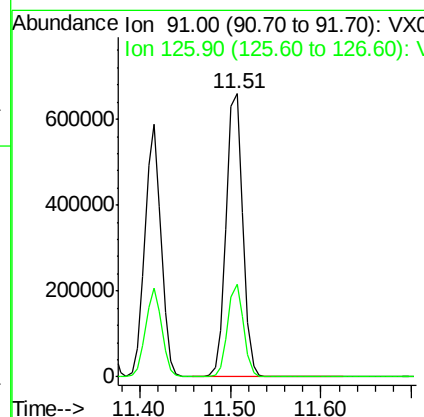
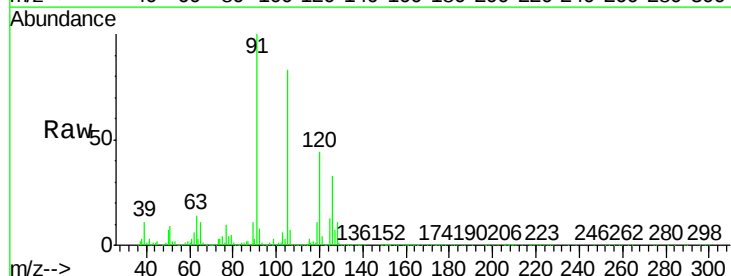
Manual Integrations
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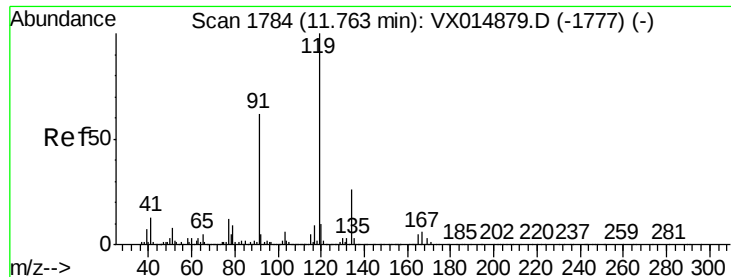
MMDadoda
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#82
4-Chlorotoluene
Concen: 50.293 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.3	15.7	47.0





#83

tert-Butylbenzene

Concen: 53.073 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

Instrument :

MSVOA_X

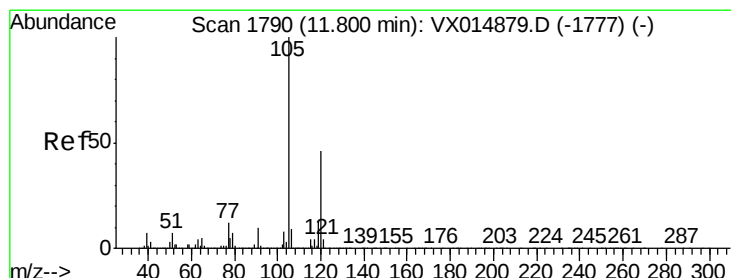
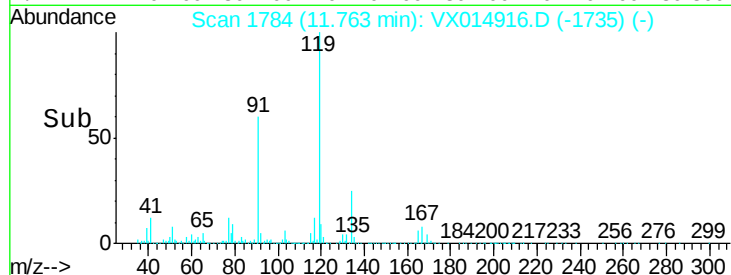
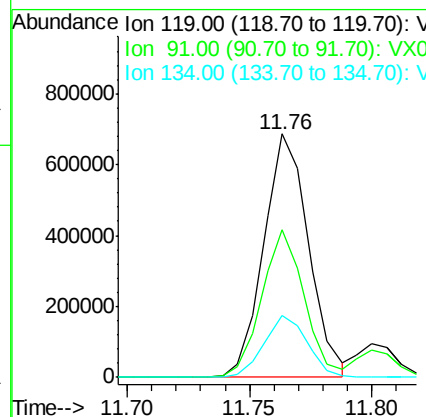
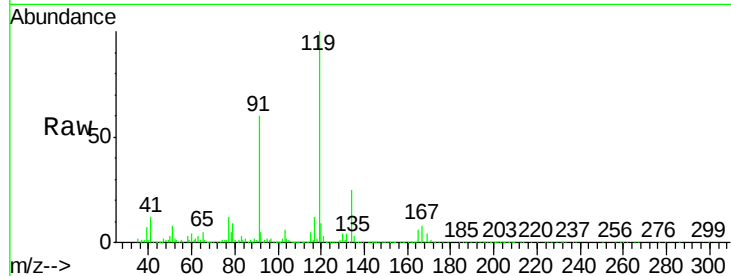
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	875445
Ion Ratio	Lower	Upper	
119	100		
91	57.3	29.5	88.6
134	24.6	12.6	37.6

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 52.507 ug/l

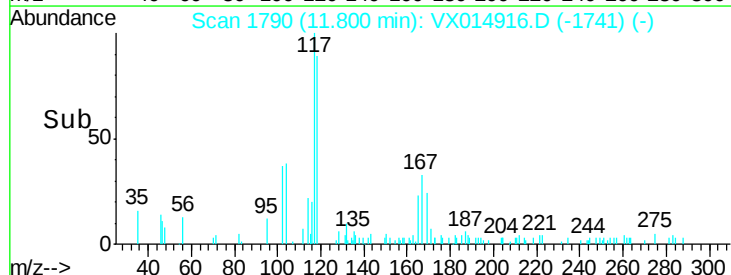
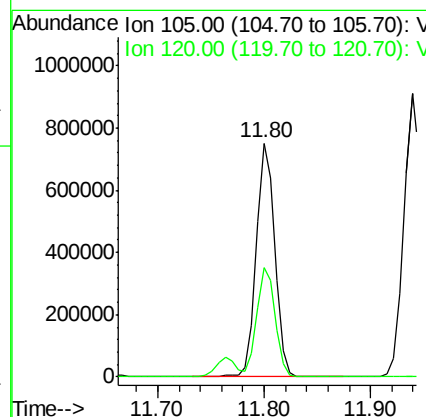
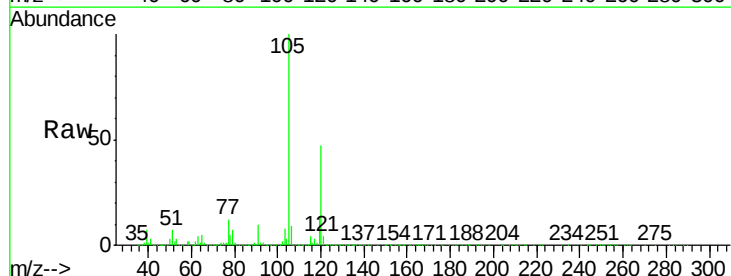
RT: 11.80 min Scan# 1790

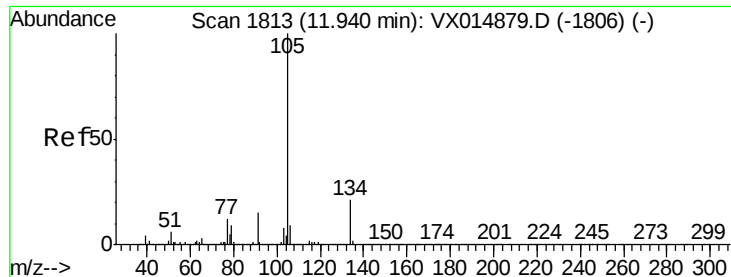
Delta R.T. 0.00 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

Tgt Ion:	105	Resp:	921719
Ion Ratio	Lower	Upper	
105	100		
120	46.1	23.0	69.0





#85

sec-Butylbenzene

Concen: 52.383 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1073410

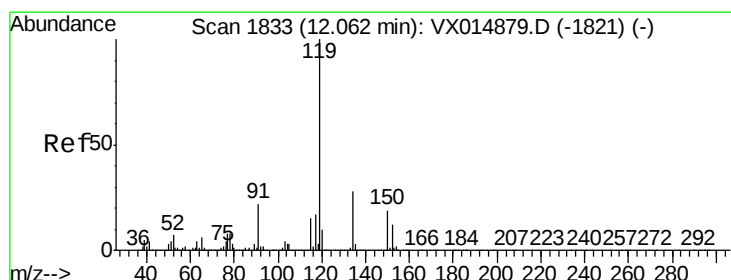
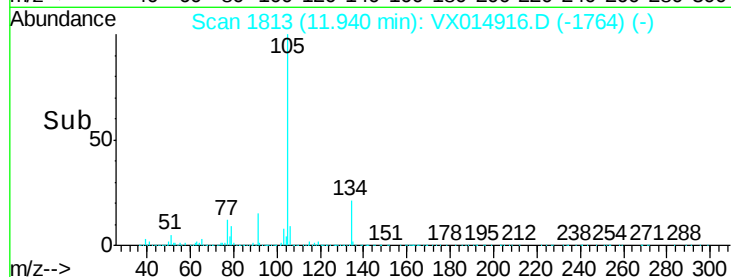
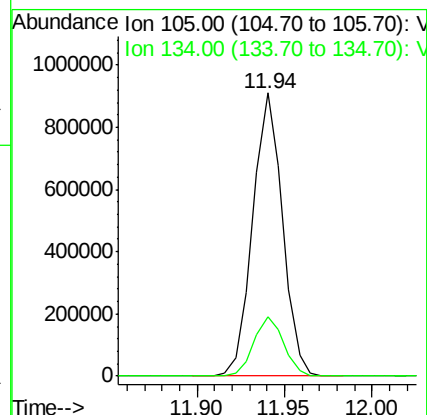
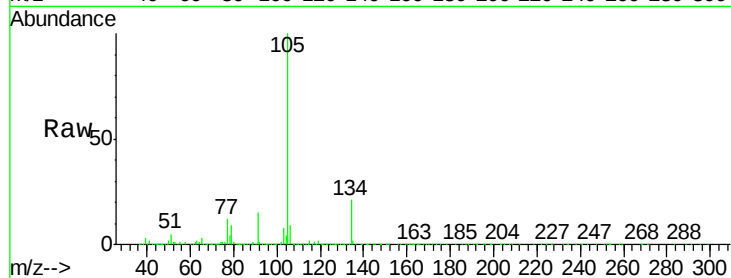
Ion Ratio Lower Upper

105 100

134 21.1 10.6 31.8

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 52.260 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

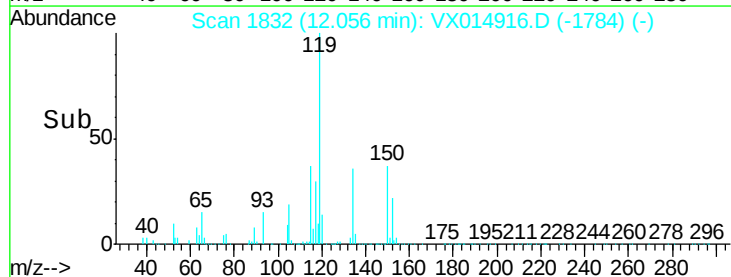
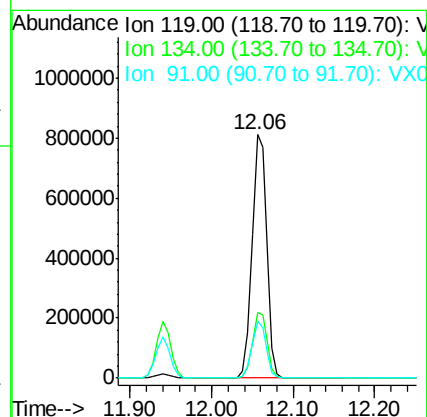
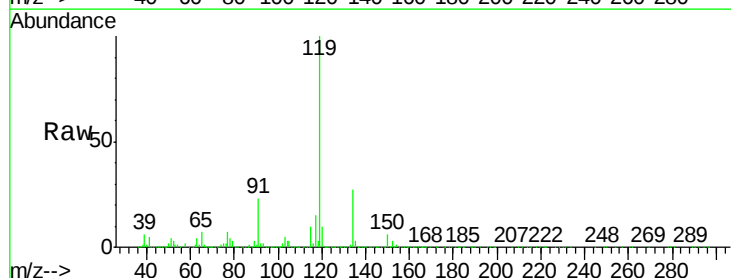
Tgt Ion:119 Resp: 1002106

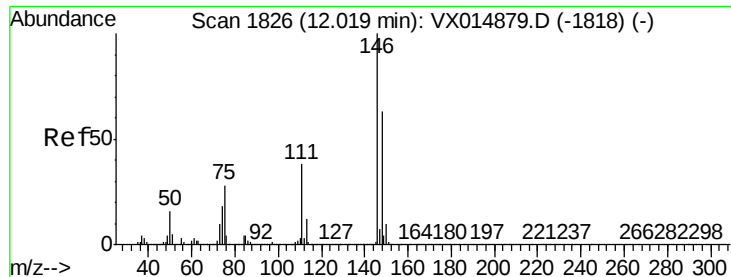
Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.5

91 22.6 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 49.745 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

Instrument :

MSVOA_X

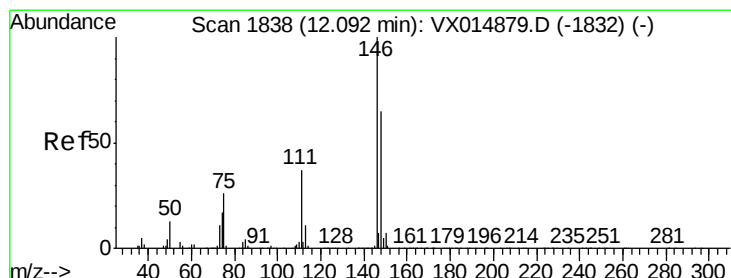
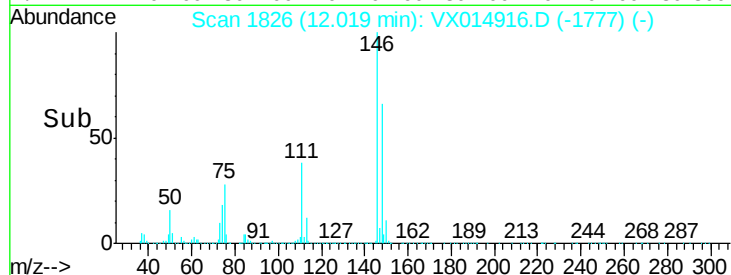
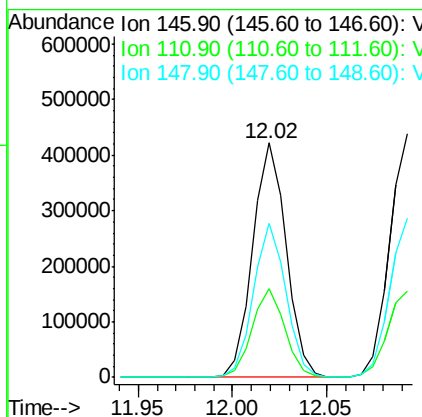
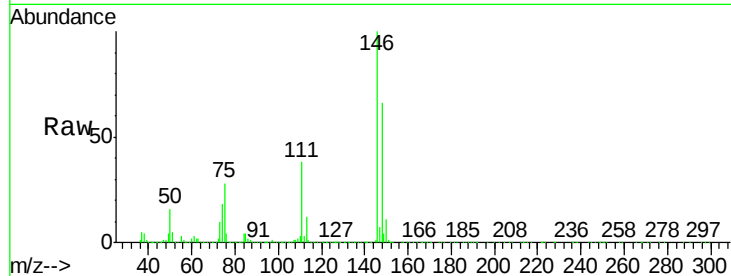
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	519267
Ion Ratio		Lower	Upper
146	100		
111	37.1	18.6	56.0
148	63.8	31.8	95.4

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 48.761 ug/l

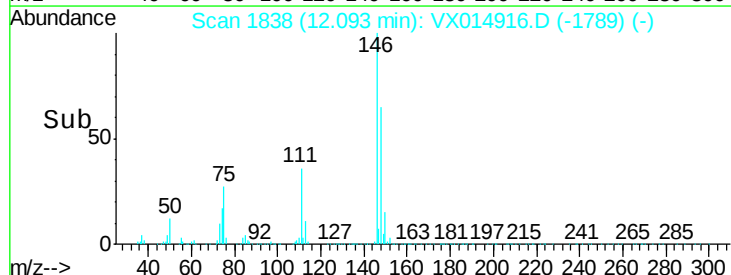
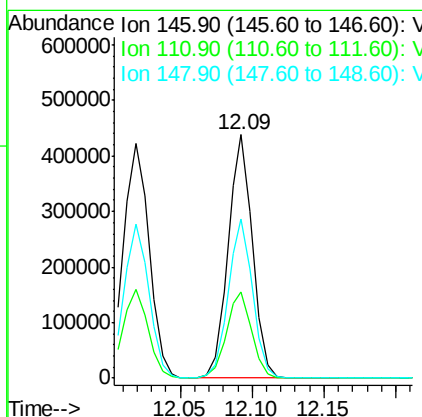
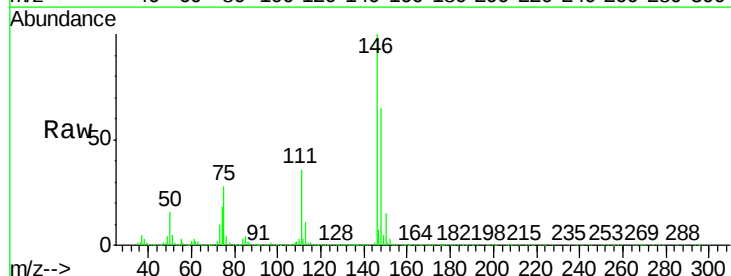
RT: 12.09 min Scan# 1838

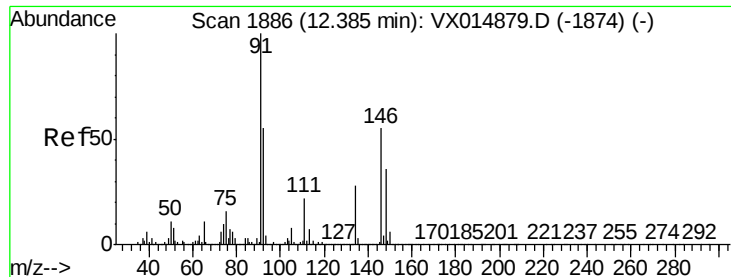
Delta R.T. 0.00 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

Tgt Ion:	146	Resp:	519774
Ion Ratio		Lower	Upper
146	100		
111	36.9	18.6	55.6
148	65.3	32.4	97.0





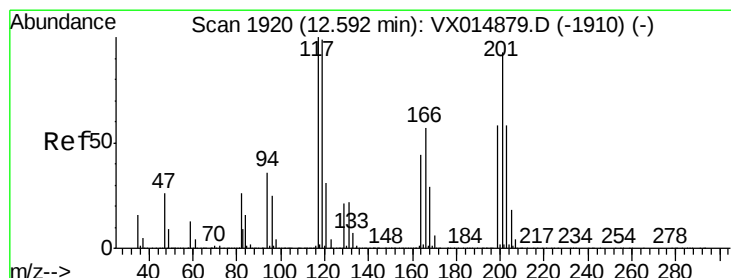
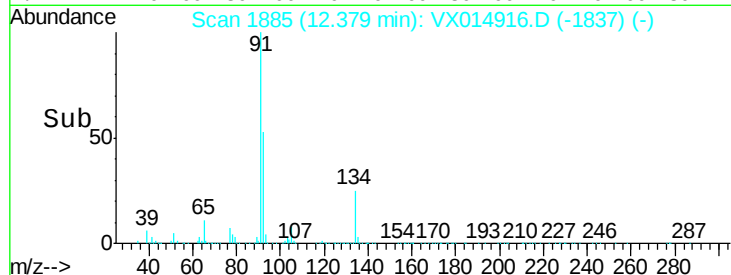
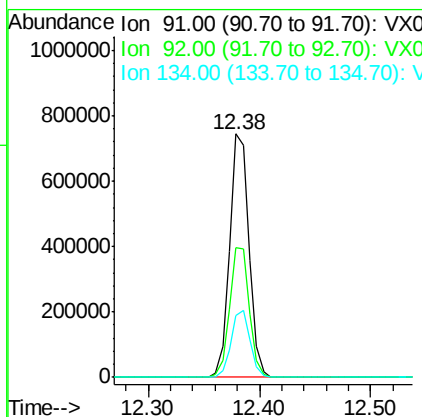
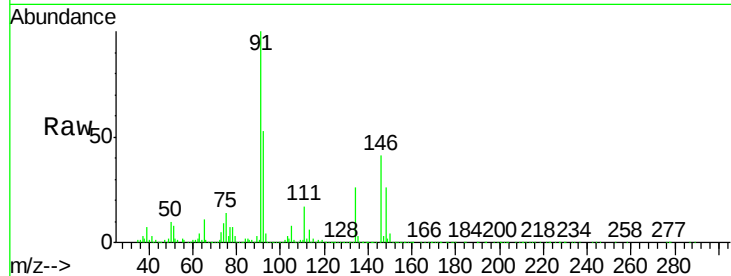
#89
n-Butylbenzene
Concen: 51.901 ug/l
RT: 12.38 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.1	27.3	81.8
134	27.0	13.8	41.4

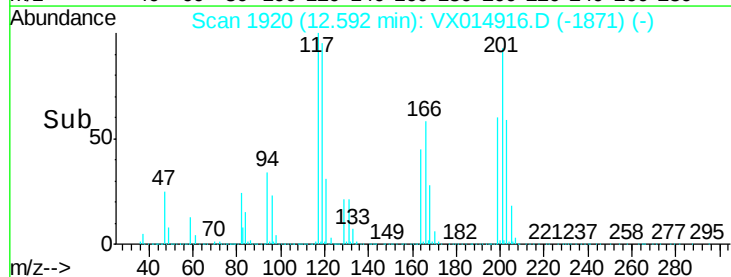
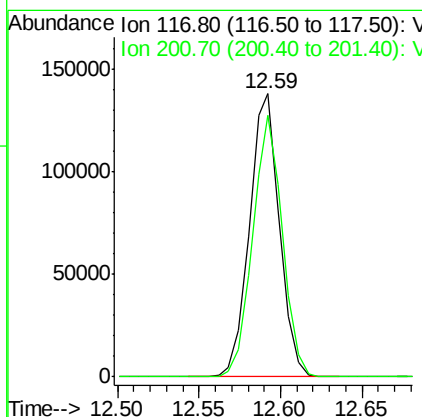
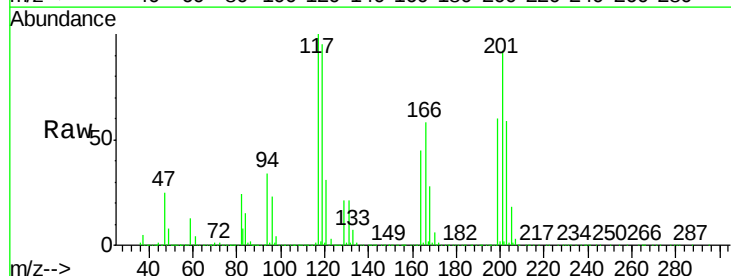
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#90
Hexachloroethane
Concen: 52.538 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

Tgt Ion	Ratio	Lower	Upper
117	100		
201	91.6	44.8	134.3





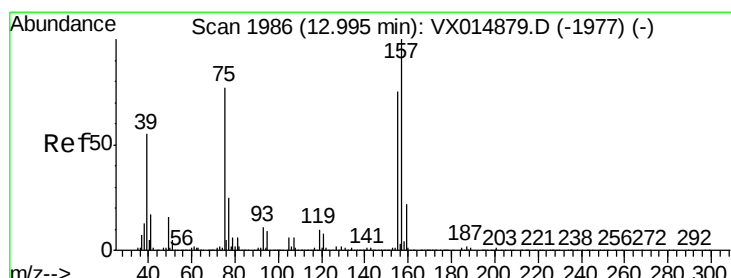
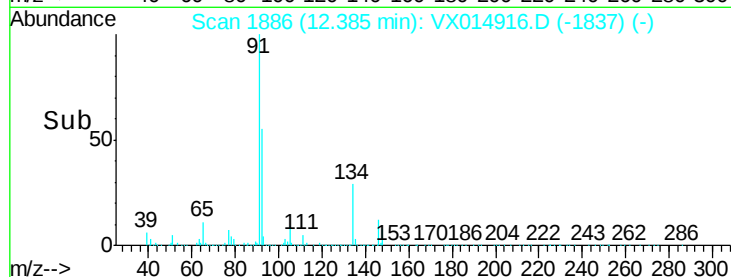
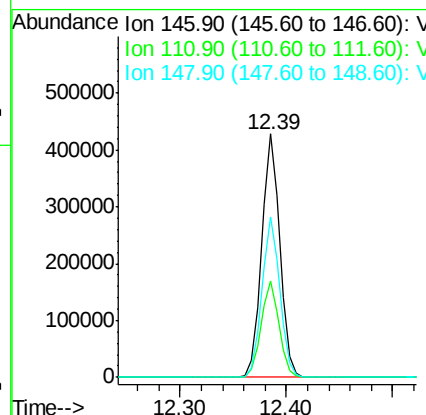
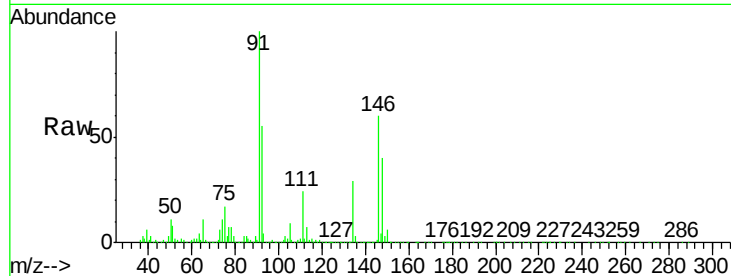
#91
 1,2-Dichlorobenzene
 Concen: 49.936 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014916.D
 Acq: 12 Feb 2020 11:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	511175		
111	39.2	19.8	59.3	
148	65.2	32.4	97.2	

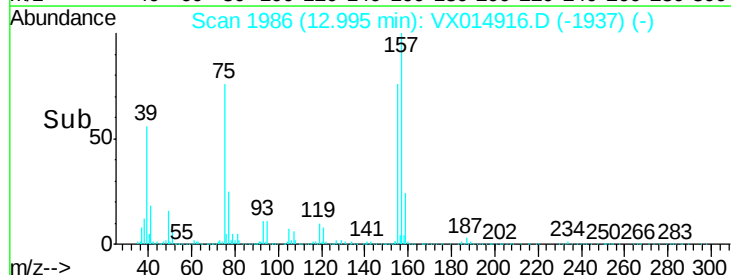
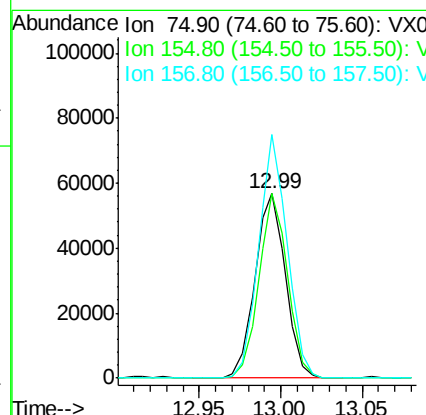
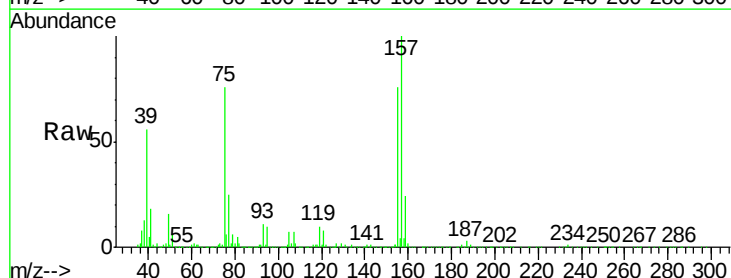
Manual Integrations
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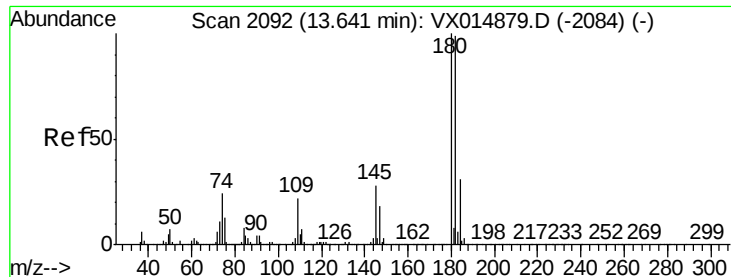
MMDadoda
 2/13/2020 11:15:49 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.595 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014916.D
 Acq: 12 Feb 2020 11:04

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	72895		
155	95.0	48.6	145.9	
157	125.0	62.0	186.0	





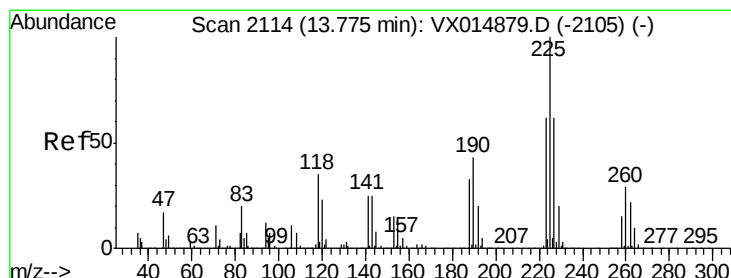
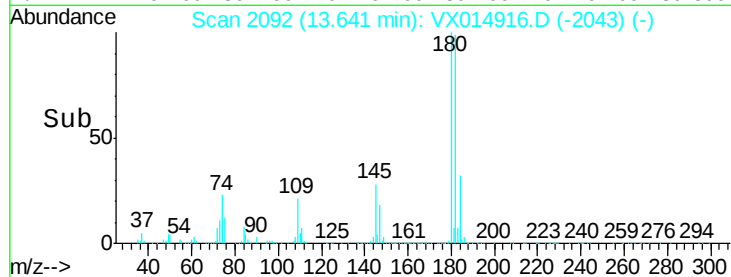
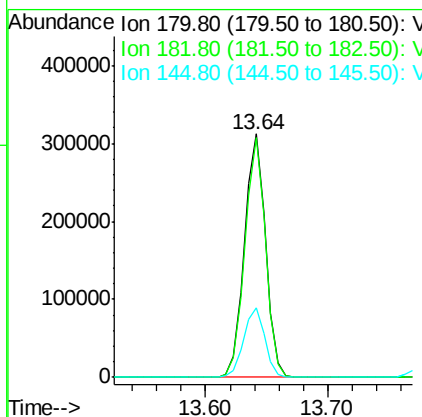
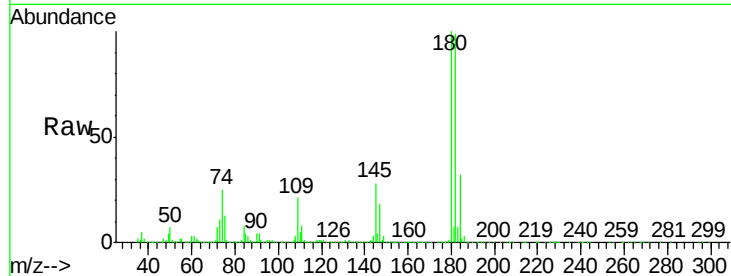
#93
1,2,4-Trichlorobenzene
Concen: 49.261 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	372209		
182	96.4	48.4	145.3	
145	28.4	14.1	42.4	

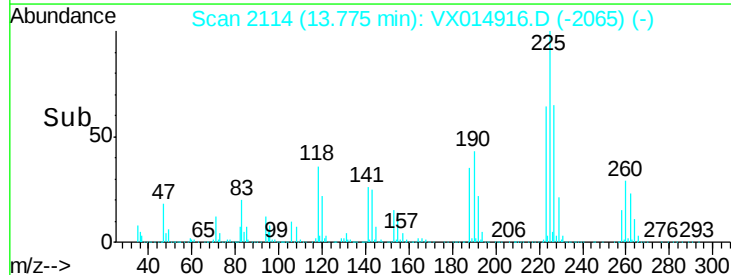
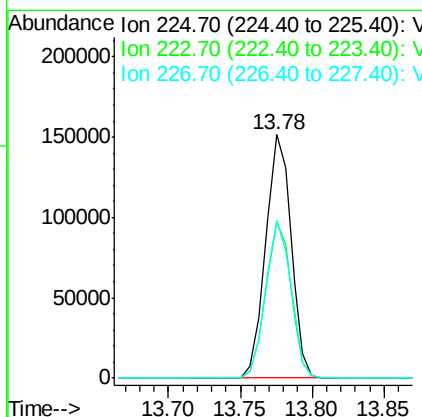
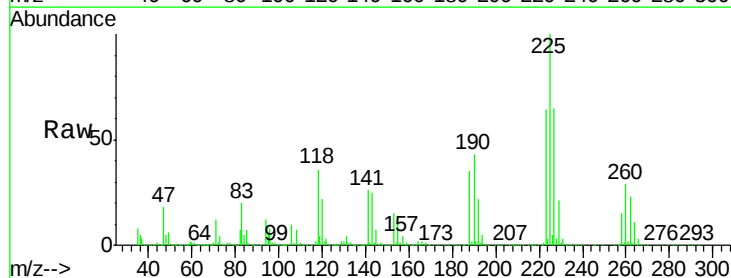
Manual Integrations
APPROVED

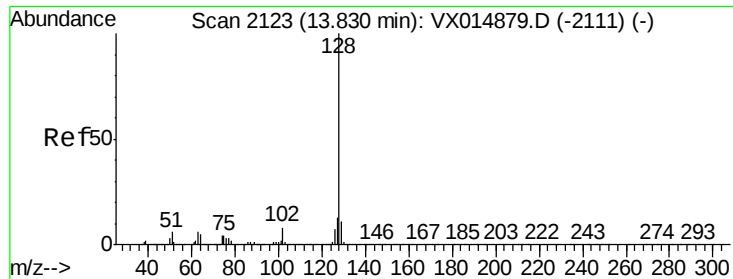
MMDadoda
2/13/2020 11:15:49 AM



#94
Hexachlorobutadiene
Concen: 50.605 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	184941		
223	63.9	31.1	93.2	
227	64.4	30.9	92.5	





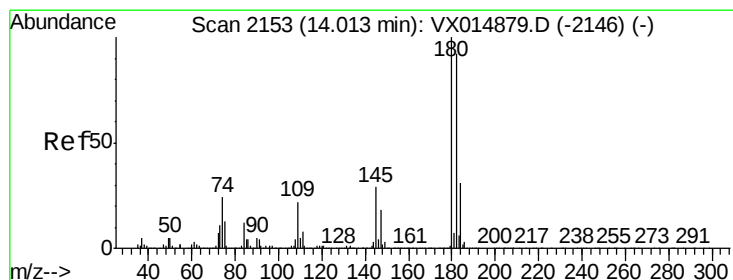
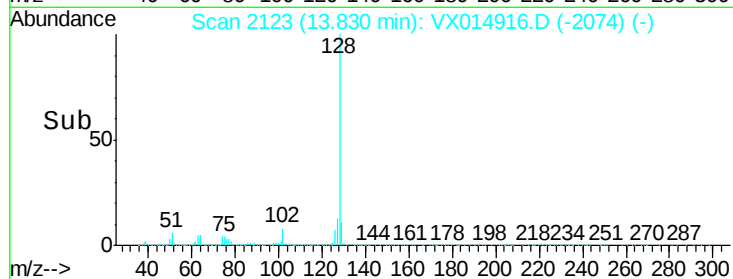
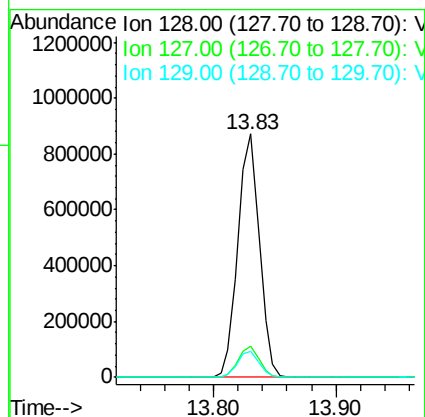
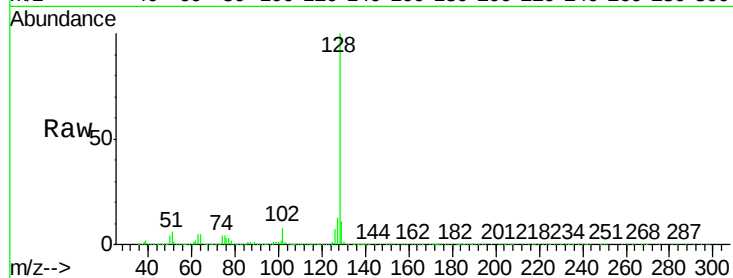
#95
Naphthalene
Concen: 52.586 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.8	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
2/13/2020 11:15:49 AM



#96
1,2,3-Trichlorobenzene
Concen: 51.564 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.5	142.6
145	28.7	14.5	43.5

