

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX013020\
 Data File : VX014771.D
 Acq On : 30 Jan 2020 11:50
 Operator : JC/SP
 Sample : VX0130WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0130WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/31/2020 10:52:14 AM

Quant Time: Jan 31 04:41:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	407280	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	607344	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	557612	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	277298	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	236338	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
35) Dibromofluoromethane	5.48	113	189711	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
50) Toluene-d8	8.71	98	732879	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
62) 4-Bromofluorobenzene	11.13	95	254873	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	101938	18.980	ug/l	98
3) Chloromethane	1.32	50	100461	18.233	ug/l	99
4) Vinyl Chloride	1.40	62	116039	19.478	ug/l	100
5) Bromomethane	1.64	94	67919	16.785	ug/l	96
6) Chloroethane	1.72	64	75109	21.241	ug/l	98
7) Trichlorofluoromethane	1.92	101	135528	19.538	ug/l	97
8) Diethyl Ether	2.18	74	58760	19.407	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	79870	19.614	ug/l	99
10) Methyl Iodide	2.50	142	98395	18.415	ug/l	99
11) Tert butyl alcohol	3.02	59	93620	87.677	ug/l	96
12) 1,1-Dichloroethene	2.37	96	75194	18.572	ug/l	99
13) Acrolein	2.28	56	61504	73.052	ug/l	99
14) Allyl chloride	2.72	41	134692	18.508	ug/l	98
15) Acrylonitrile	3.12	53	233112	94.354	ug/l	99
16) Acetone	2.43	43	239883	92.123	ug/l	98
17) Carbon Disulfide	2.56	76	191384	17.295	ug/l	99
18) Methyl Acetate	2.76	43	144500	19.421	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	264026	19.910	ug/l	99
20) Methylene Chloride	2.85	84	88370	18.321	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	83218	18.668	ug/l	99
22) Diisopropyl ether	3.84	45	288889	19.953	ug/l	97
23) Vinyl Acetate	3.80	43	1058799	95.932	ug/l	99
24) 1,1-Dichloroethane	3.69	63	153534	19.526	ug/l	100
25) 2-Butanone	4.65	43	337429	90.350	ug/l	97
26) 2,2-Dichloropropane	4.57	77	119211	18.941	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	96441	19.330	ug/l	98
28) Bromochloromethane	5.00	49	63596	18.406	ug/l	98
29) Tetrahydrofuran	5.11	42	205166	92.559	ug/l	99
30) Chloroform	5.20	83	151079	19.396	ug/l	100
31) Cyclohexane	5.57	56	135543	18.328	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	126466	19.208	ug/l	98
36) 1,1-Dichloropropene	5.79	75	111672	19.788	ug/l	98
37) Ethyl Acetate	4.81	43	124732	19.298	ug/l	99
38) Carbon Tetrachloride	5.77	117	105674	19.607	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	137048	19.385	ug/l	94
40) Benzene	6.13	78	343820	19.718	ug/l	99
41) Methacrylonitrile	5.03	41	70036	18.834	ug/l	96
42) 1,2-Dichloroethane	6.18	62	122045	20.268	ug/l	98
43) Isopropyl Acetate	6.43	43	202478	19.130	ug/l	98
44) Trichloroethene	7.20	130	95068	19.302	ug/l	95
45) 1,2-Dichloropropane	7.50	63	88371	19.672	ug/l	95
46) Dibromomethane	7.65	93	59387	20.412	ug/l	98
47) Bromodichloromethane	7.89	83	114756	20.111	ug/l	97
48) Methyl methacrylate	7.76	41	98125	19.403	ug/l	97
49) 1,4-Dioxane	7.73	88	41888	390.743	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	653908	97.885	ug/l	99
52) Toluene	8.78	92	216622	20.210	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	124402	20.247	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	138929	20.554	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	88907	20.259	ug/l	97
56) Ethyl methacrylate	9.17	69	133253	19.056	ug/l	98
57) 1,3-Dichloropropane	9.36	76	152255	20.296	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	216847	98.255	ug/l	99
59) 2-Hexanone	9.48	43	504817	97.382	ug/l	99
60) Dibromochloromethane	9.57	129	91491	19.974	ug/l	99
61) 1,2-Dibromoethane	9.67	107	92908	20.024	ug/l	100
64) Tetrachloroethene	9.33	164	116011	21.018	ug/l	96
65) Chlorobenzene	10.14	112	237925	19.948	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	85918	19.538	ug/l	99
67) Ethyl Benzene	10.25	91	399482	19.616	ug/l	100
68) m/p-Xylenes	10.35	106	309560	40.123	ug/l	100
69) o-Xylene	10.69	106	149415	20.060	ug/l	99
70) Styrene	10.71	104	255244	20.429	ug/l	100
71) Bromoform	10.85	173	68853	19.688	ug/l #	99
73) Isopropylbenzene	11.01	105	399505	20.490	ug/l	99
74) N-amyl acetate	10.89	43	167881	19.649	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	132267	18.999	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	113201m	17.546	ug/l	
77) Bromobenzene	11.25	156	105063	20.058	ug/l	97
78) n-propylbenzene	11.35	91	454008	20.514	ug/l	99
79) 2-Chlorotoluene	11.42	91	268533	20.053	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	336511	20.795	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	40091	17.684	ug/l	93
82) 4-Chlorotoluene	11.51	91	312655	20.509	ug/l	99
83) tert-Butylbenzene	11.76	119	306029	20.125	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	339679	20.927	ug/l	99
85) sec-Butylbenzene	11.94	105	391429	21.012	ug/l	100
86) p-Isopropyltoluene	12.06	119	357107	20.743	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	185756	19.733	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	188827	20.025	ug/l	99
89) n-Butylbenzene	12.38	91	300185	20.020	ug/l	99
90) Hexachloroethane	12.59	117	61424	19.209	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	189210	20.237	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	28408	18.993	ug/l	98

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ALS Vial : 5 Sample Multiplier: 1

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ClientSampleId :
VX0130WBSD01

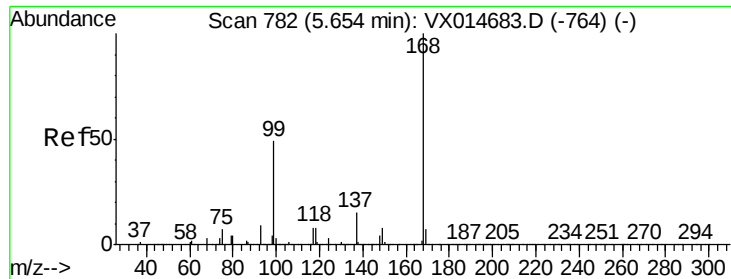
Manual Integrations
APPROVED

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	123729	20.526	ug/l	99
94) Hexachlorobutadiene	13.77	225	62384	20.108	ug/l	94
95) Naphthalene	13.83	128	360931	19.154	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	126417	20.741	ug/l	97

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



#1

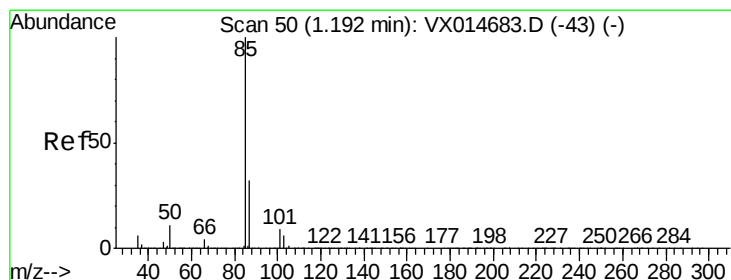
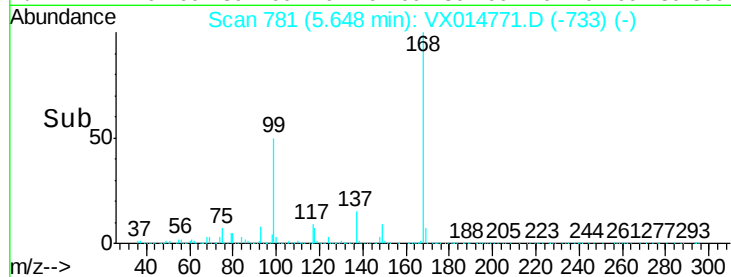
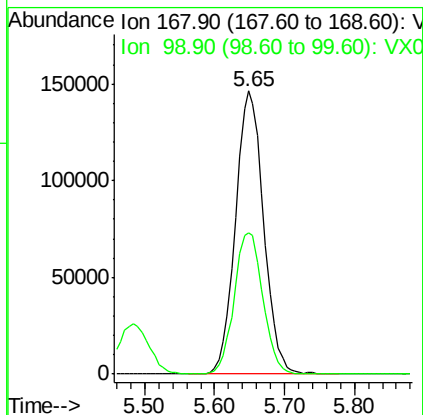
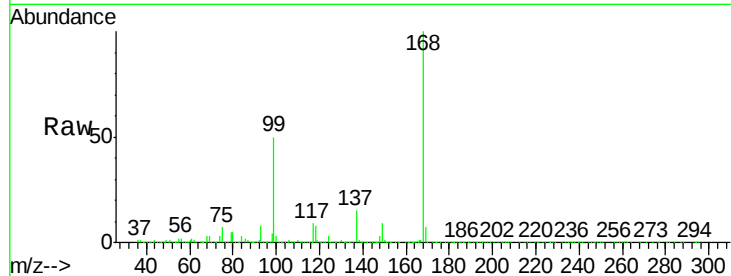
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: VX014771.D
 Acq: 30 Jan 2020 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0130WBSD01

Tot Ion	Ratio	Lower	Upper
168	100		
99	49.6	39.8	59.6

Manual Integrations
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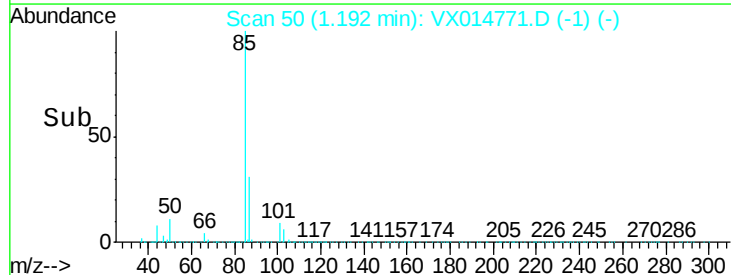
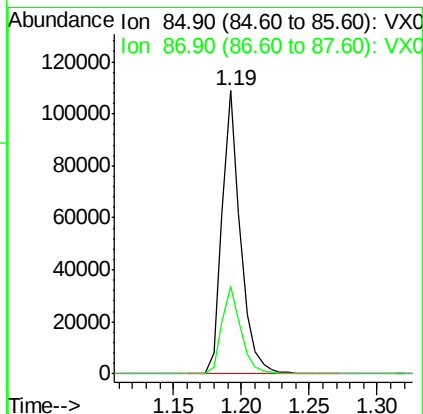
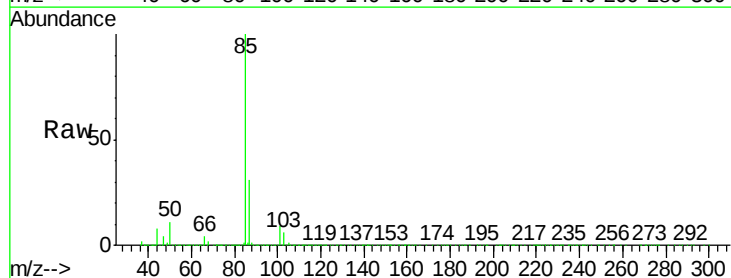
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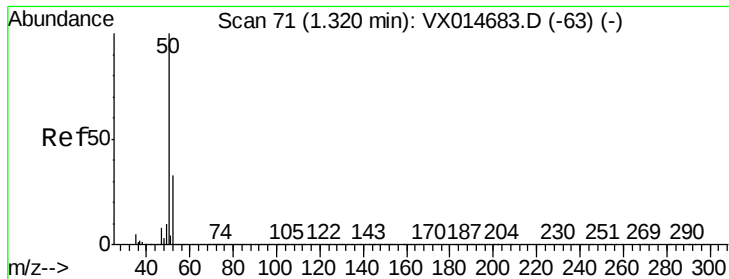


#2

Dichlorodifluoromethane
 Concen: 18.980 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX014771.D
 Acq: 30 Jan 2020 11:50

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.1	16.2	48.5





#3

Chloromethane

Concen: 18.233 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014771.D

Acq: 30 Jan 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBSD01

Tot Ion: 50 Resp: 100461

Ion Ratio Lower Upper

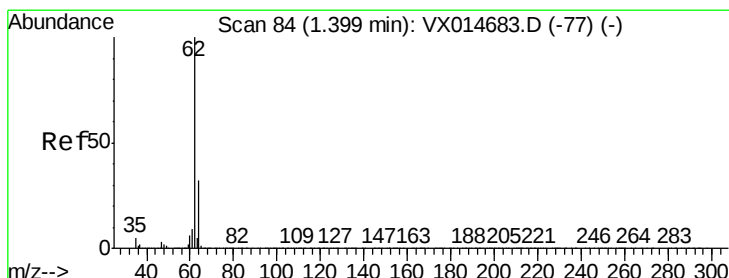
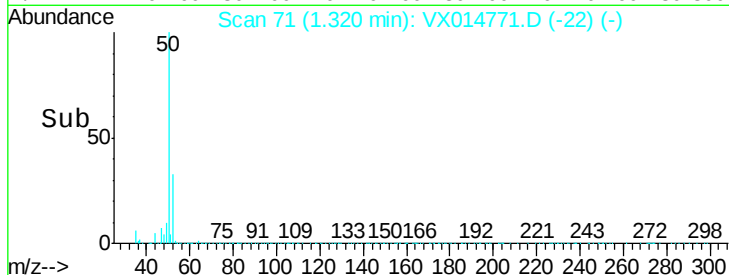
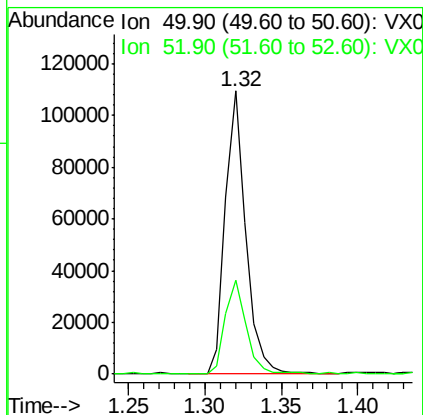
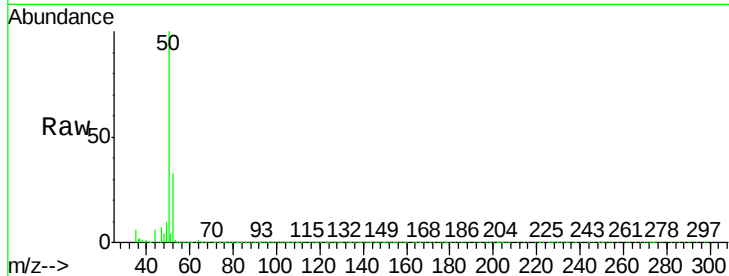
50 100

52 33.2 26.2 39.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 19.478 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014771.D

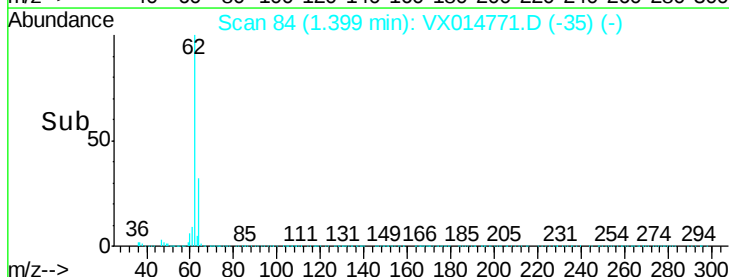
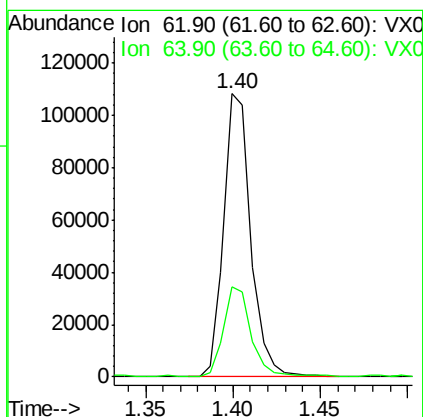
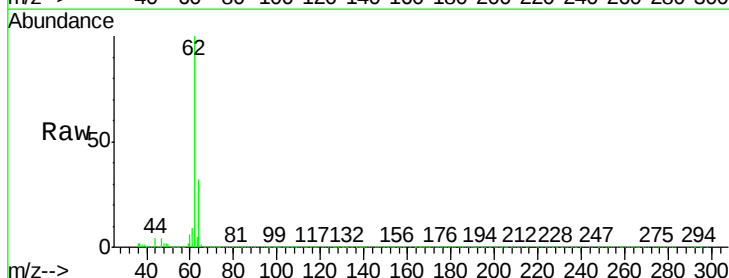
Acq: 30 Jan 2020 11:50

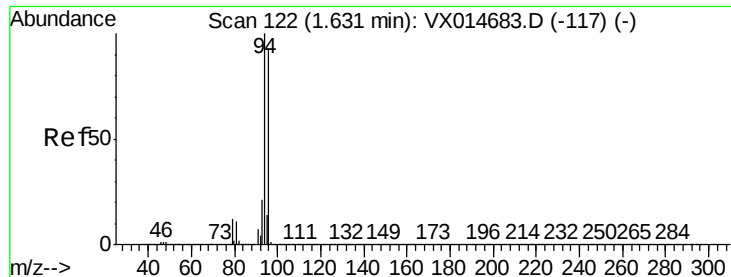
Tgt Ion: 62 Resp: 116039

Ion Ratio Lower Upper

62 100

64 31.5 25.4 38.2





#5

Bromomethane

Concen: 16.785 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX014771.D

Acq: 30 Jan 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBSD01

Tot Ion: 94 Resp: 67919

Ion Ratio Lower Upper

94 100

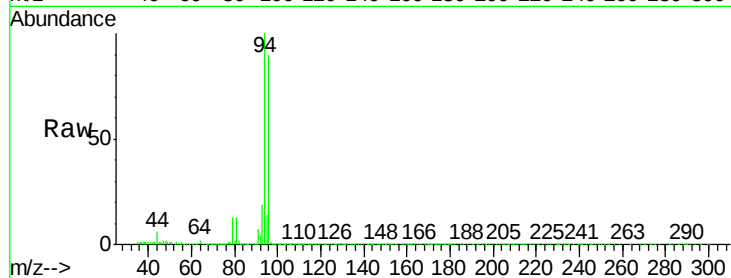
96 89.2 74.7 112.1

Manual Integrations

APPROVED

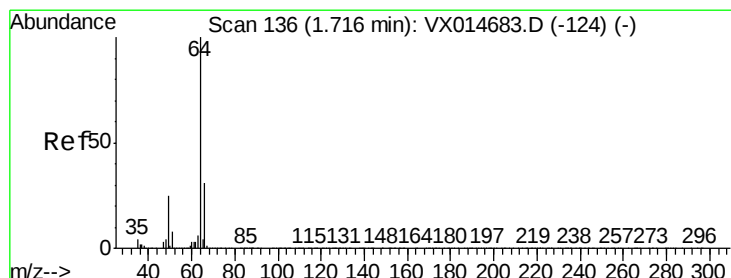
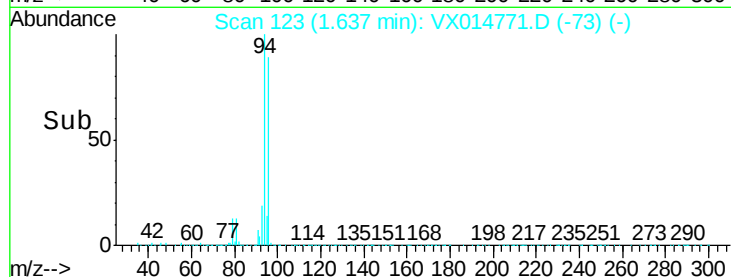
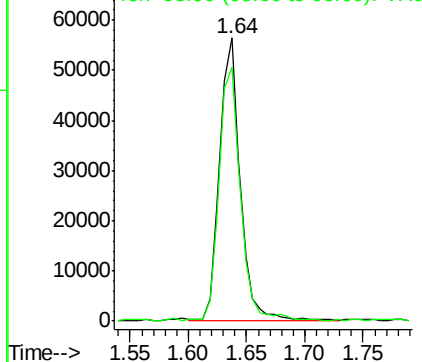
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.241 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.01 min

Lab File: VX014771.D

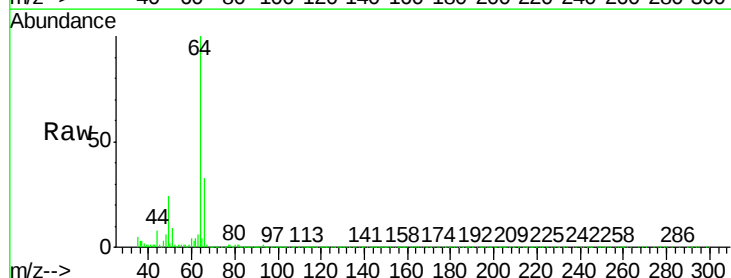
Acq: 30 Jan 2020 11:50

Tgt Ion: 64 Resp: 75109

Ion Ratio Lower Upper

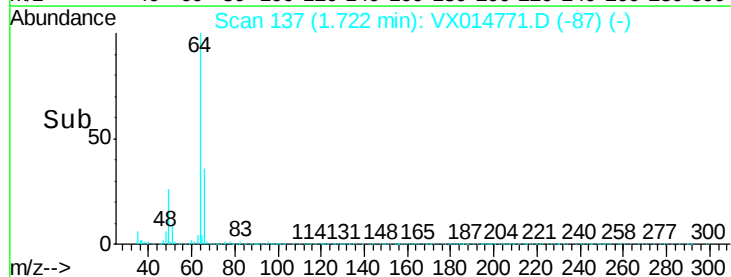
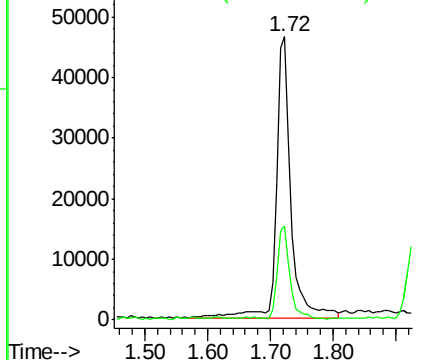
64 100

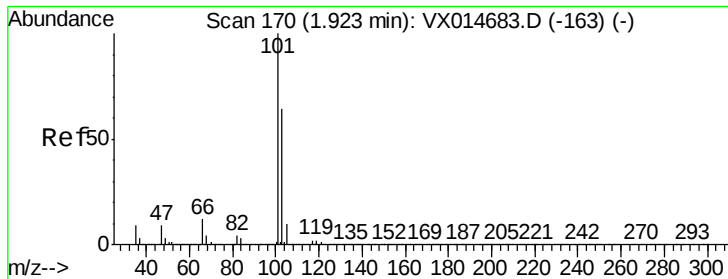
66 32.8 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

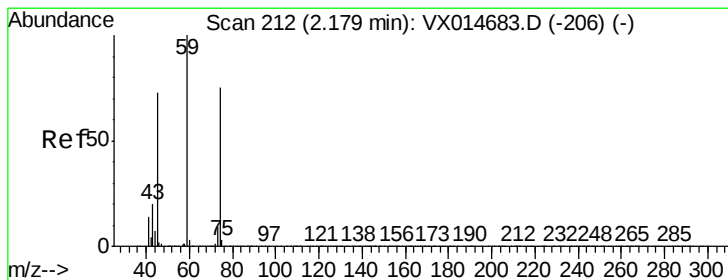
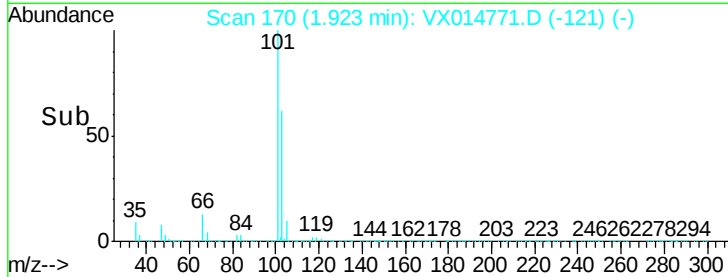
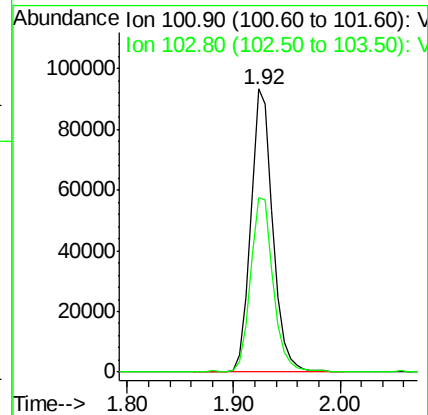
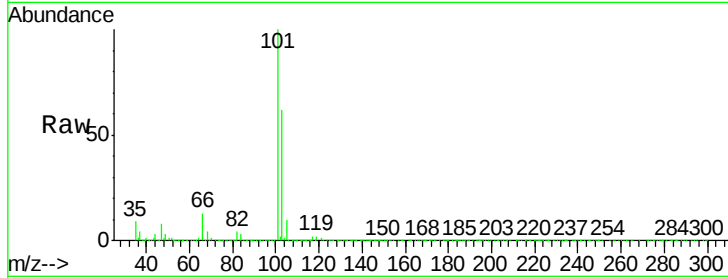
Trichlorofluoromethane
Concen: 19.538 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014771.D
Acq: 30 Jan 2020 11:50

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	61.4	51.0	76.6

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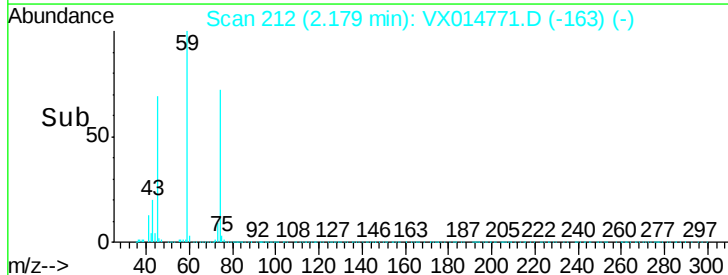
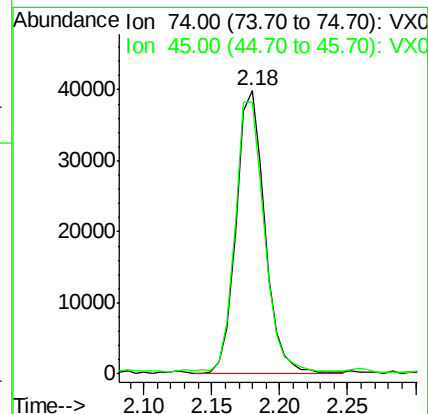
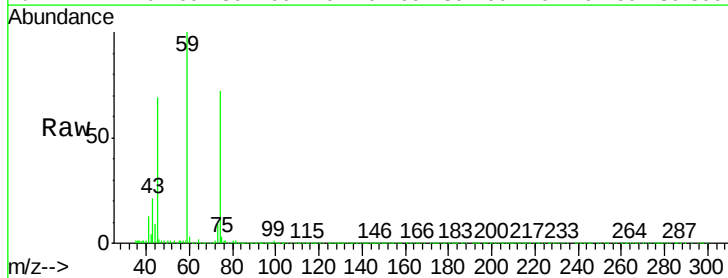
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1/31/2020 10:52:14 AM

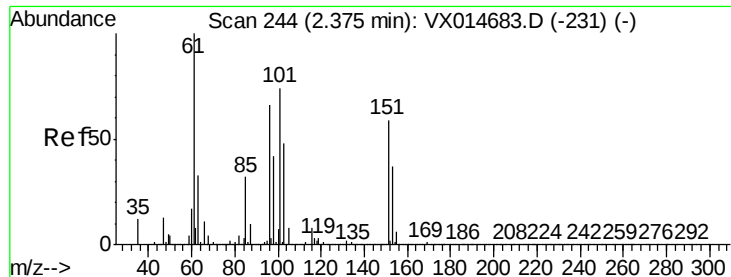


#8

Diethyl Ether
Concen: 19.407 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014771.D
Acq: 30 Jan 2020 11:50

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.7	49.4	148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.614 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX014771.D

Acq: 30 Jan 2020 11:50

Instrument :

MSVOA_X

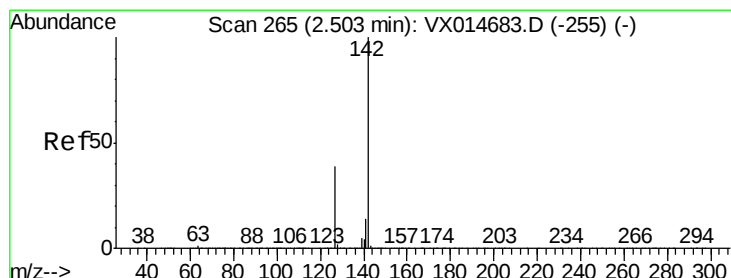
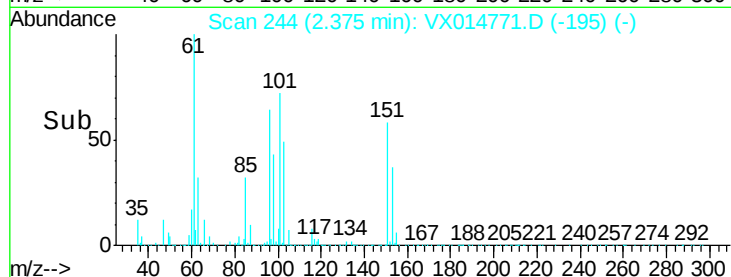
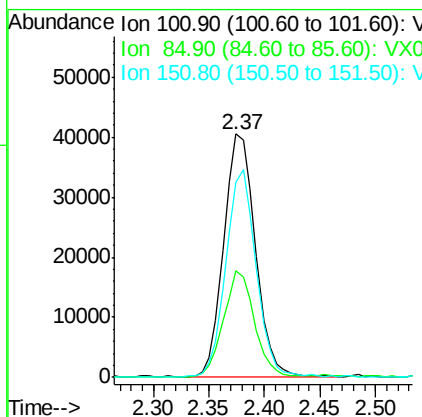
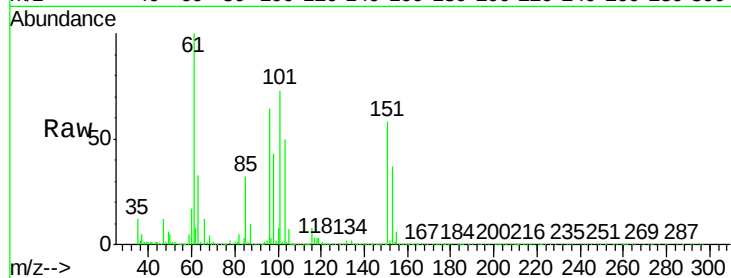
ClientSampleId :

VX0130WBSD01

Tot Ion:	101	Resp:	79870
Ion Ratio	Lower	Upper	
101	100		
85	42.2	34.7	52.1
151	81.5	64.7	97.1

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#10

Methyl Iodide

Concen: 18.415 ug/l

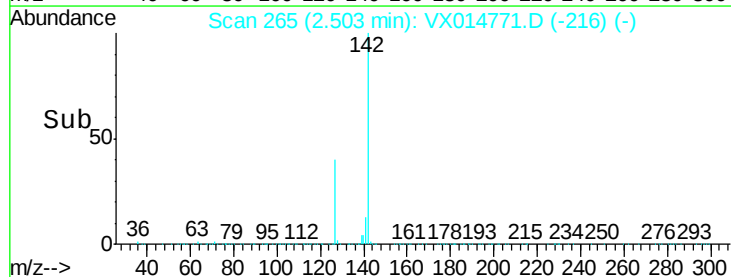
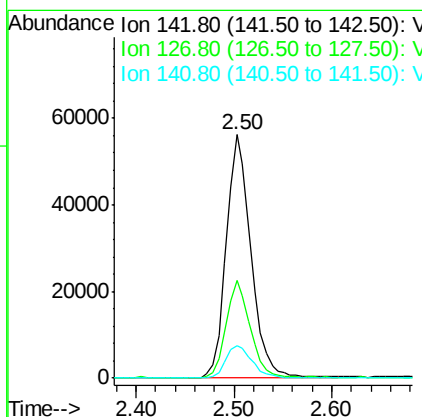
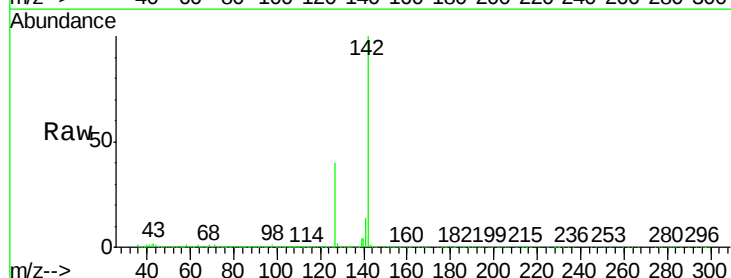
RT: 2.50 min Scan# 265

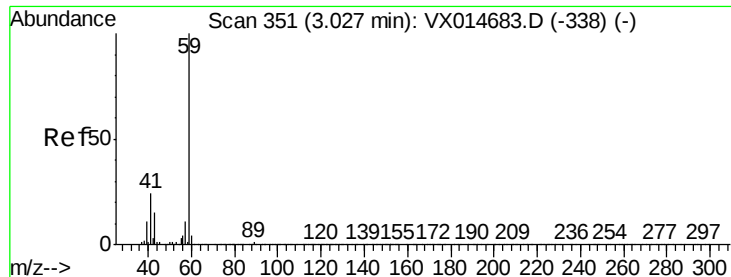
Delta R.T. 0.00 min

Lab File: VX014771.D

Acq: 30 Jan 2020 11:50

Tgt Ion:	142	Resp:	98395
Ion Ratio	Lower	Upper	
142	100		
127	39.3	31.1	46.7
141	14.2	11.3	16.9





#11

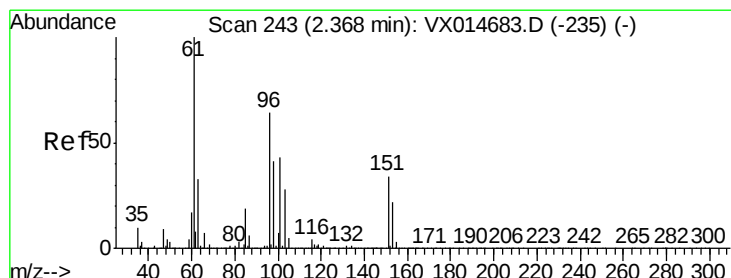
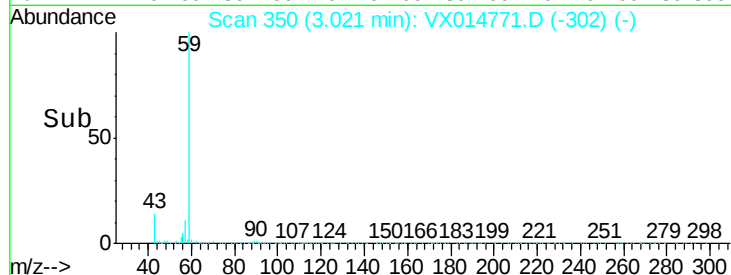
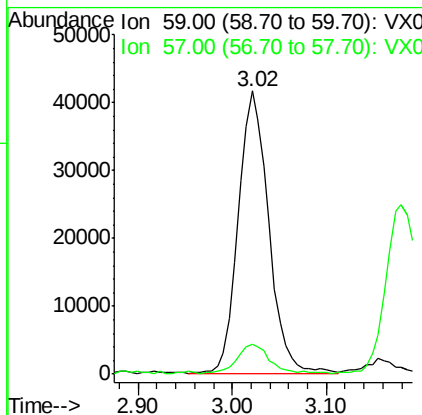
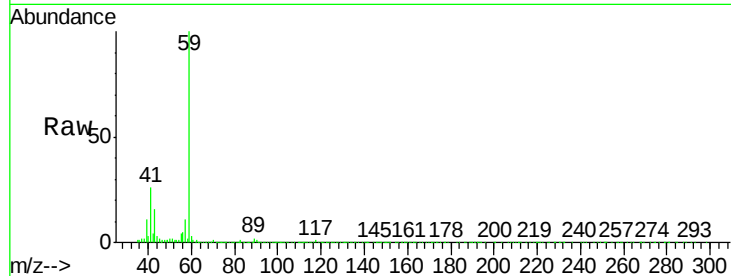
Tert butyl alcohol
Concen: 87.677 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014771.D
Acq: 30 Jan 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.9	8.3	12.5

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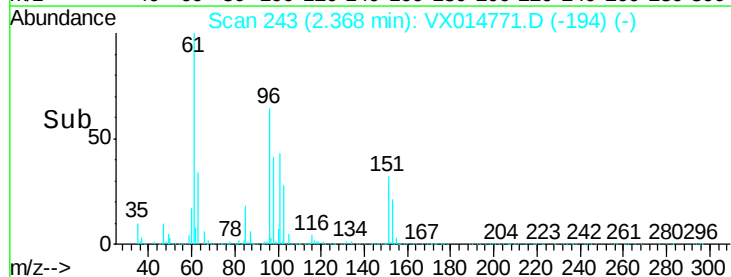
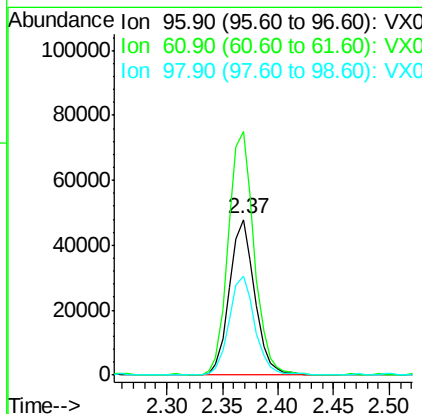
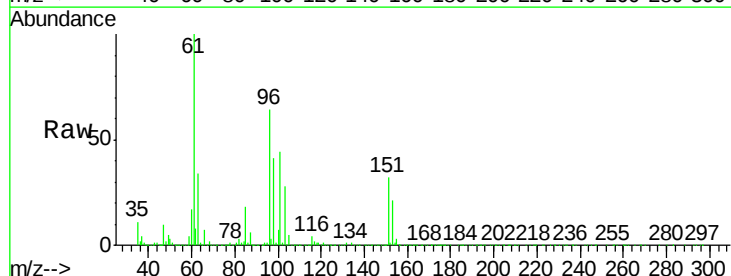
MMDadoda
1/31/2020 10:52:14 AM

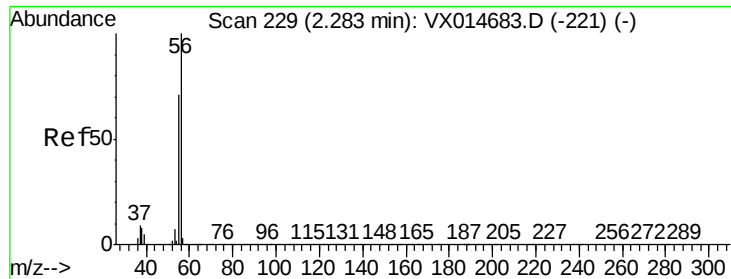


#12

1,1-Dichloroethene
Concen: 18.572 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014771.D
Acq: 30 Jan 2020 11:50

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.6	125.8	188.8
98	63.8	51.5	77.3





#13

Acrolein

Concen: 73.052 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014771.D

Acq: 30 Jan 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBSD01

Tot Ion: 56 Resp: 61504

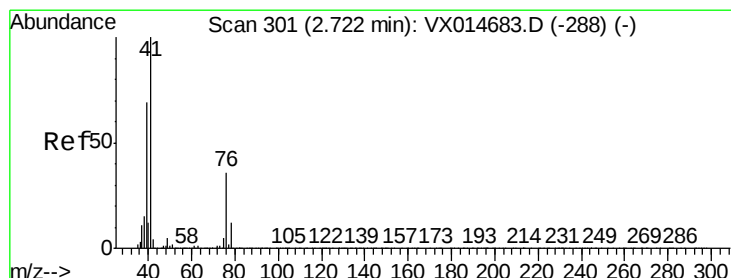
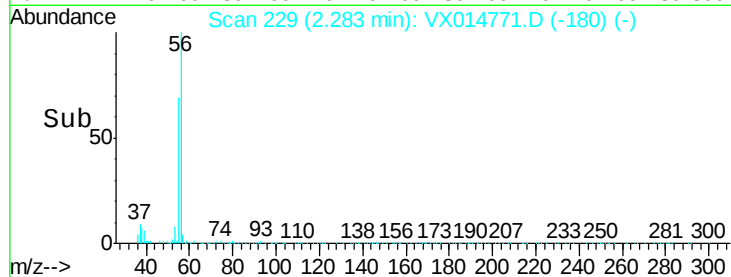
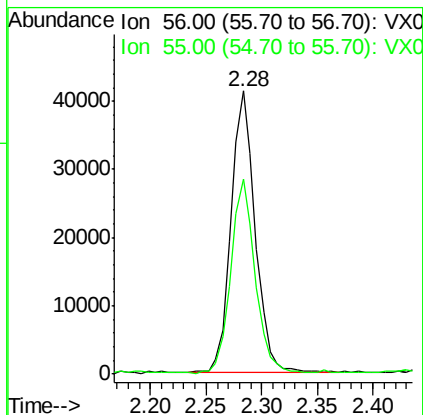
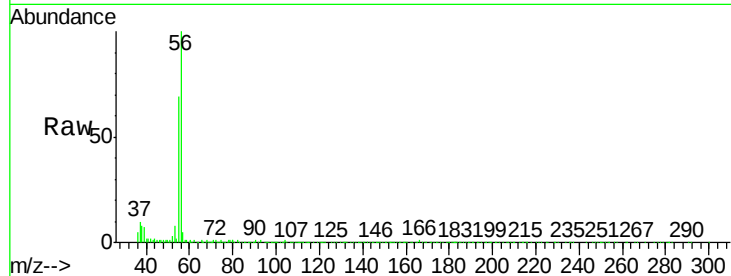
Ion Ratio Lower Upper

56 100

55 69.6 56.6 84.8

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#14

Allyl chloride

Concen: 18.508 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX014771.D

Acq: 30 Jan 2020 11:50

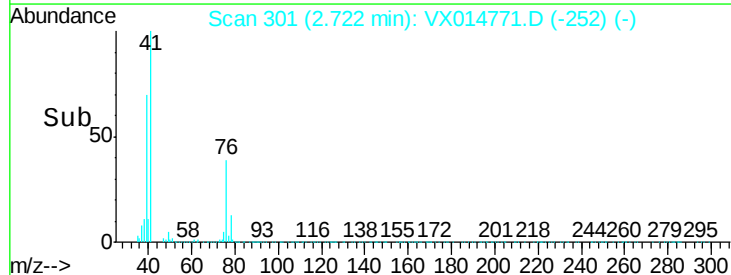
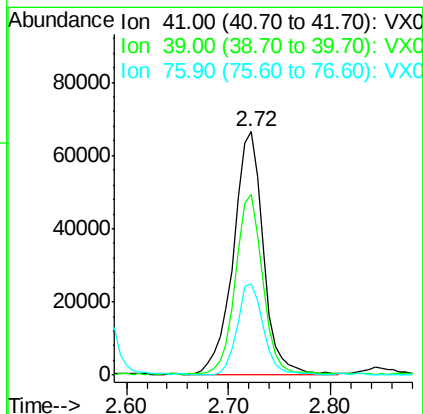
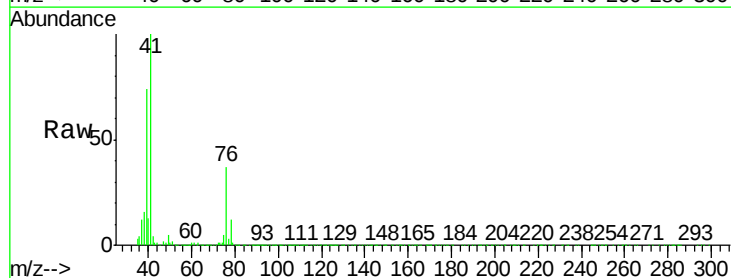
Tgt Ion: 41 Resp: 134692

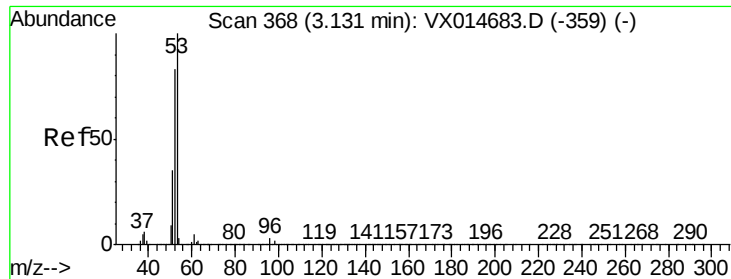
Ion Ratio Lower Upper

41 100

39 67.1 52.0 78.0

76 31.9 26.0 39.0





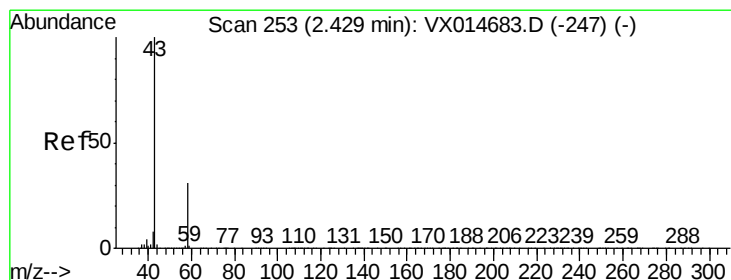
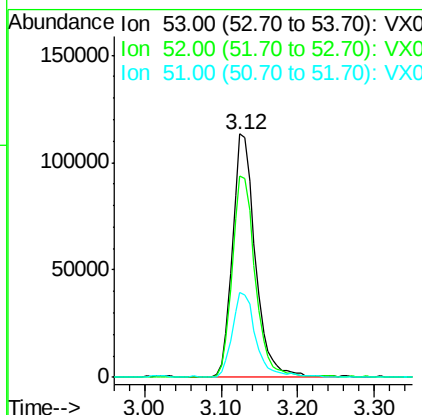
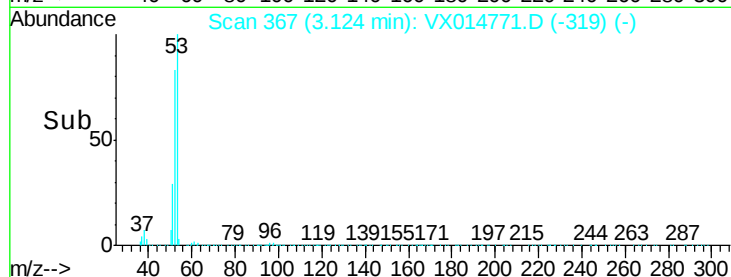
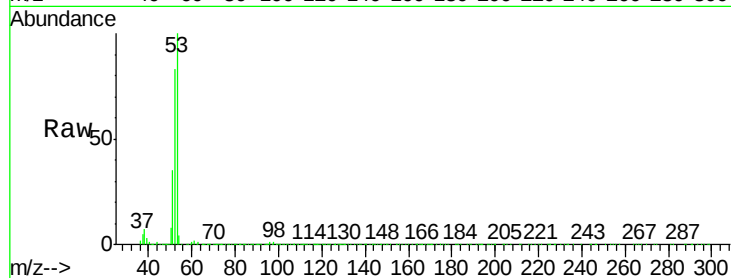
#15
 Acrylonitrile
 Concen: 94.354 ug/l
 RT: 3.12 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VX014771.D
 Acq: 30 Jan 2020 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0130WBSD01

Tot Ion:	53	Resp:	233112
Ion Ratio	Lower	Upper	
53	100		
52	83.6	66.4	99.6
51	36.6	28.7	43.1

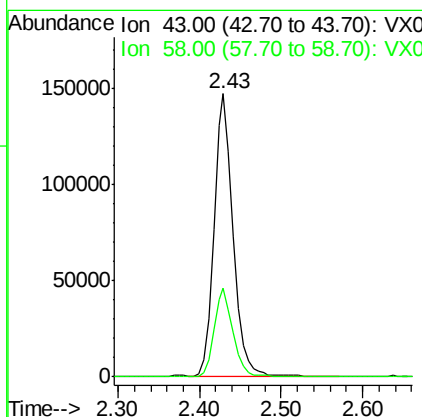
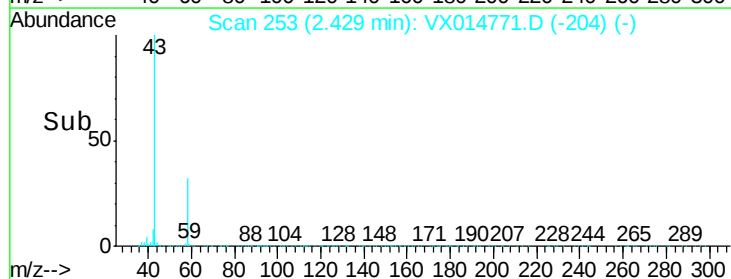
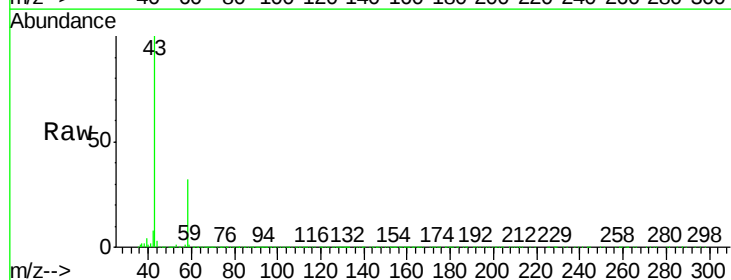
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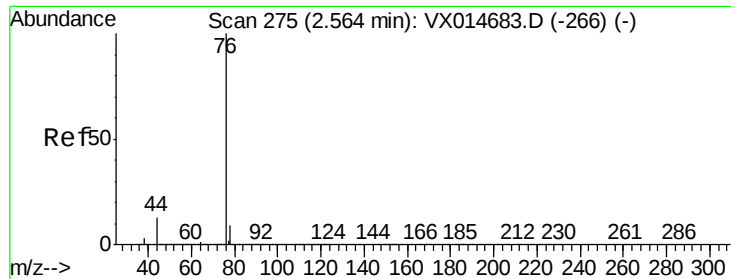
MMDadoda
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#16
 Acetone
 Concen: 92.123 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. 0.00 min
 Lab File: VX014771.D
 Acq: 30 Jan 2020 11:50

Tgt Ion:	43	Resp:	239883
Ion Ratio	Lower	Upper	
43	100		
58	31.5	24.5	36.7





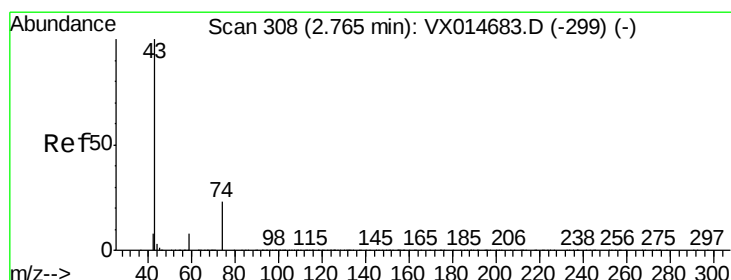
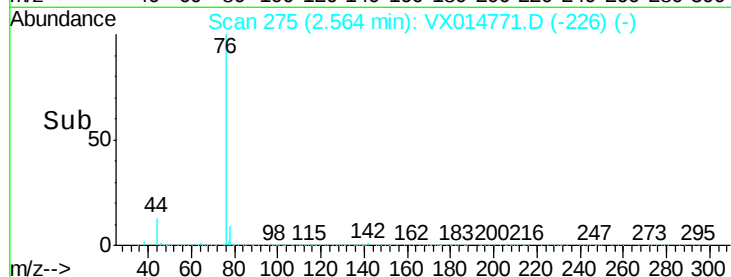
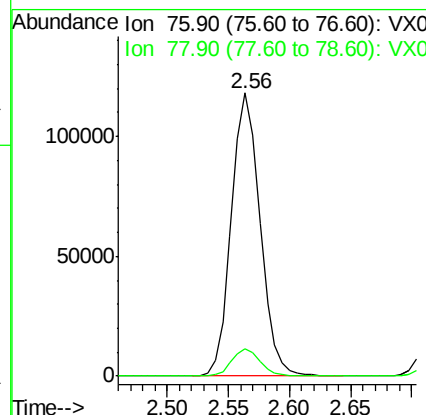
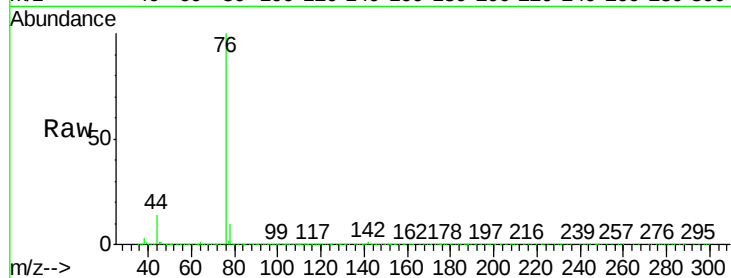
#17
Carbon Disulfide
Concen: 17.295 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX014771.D
Acq: 30 Jan 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.2	10.8

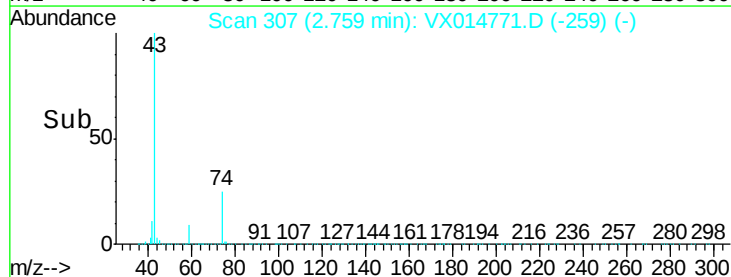
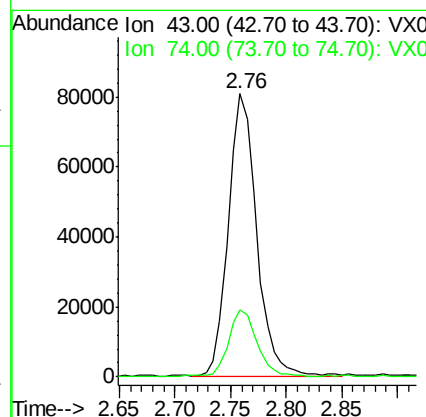
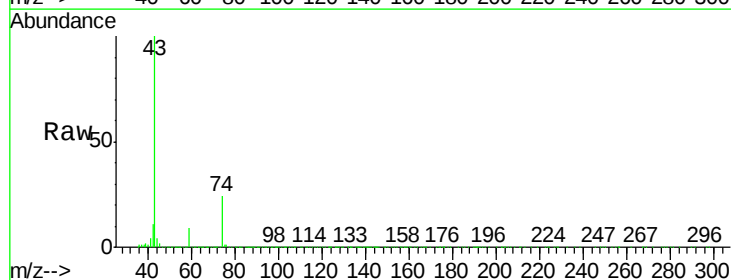
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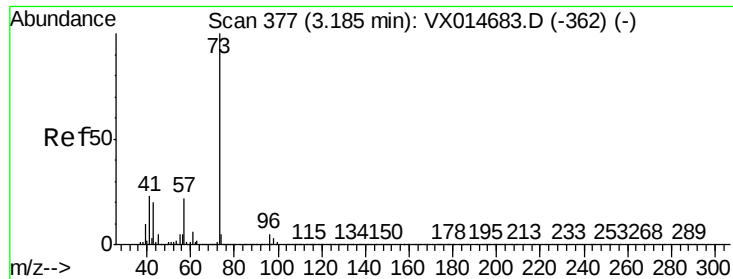
MMDadoda
1/31/2020 10:52:14 AM



#18
Methyl Acetate
Concen: 19.421 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014771.D
Acq: 30 Jan 2020 11:50

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.3	18.5	27.7





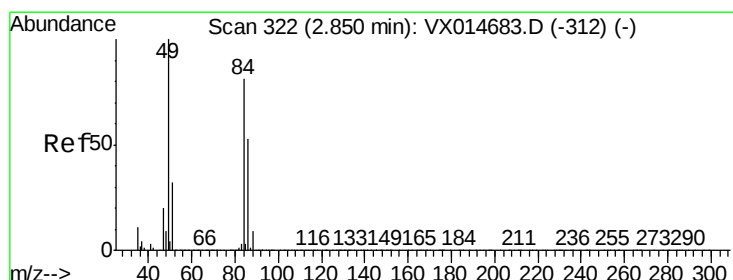
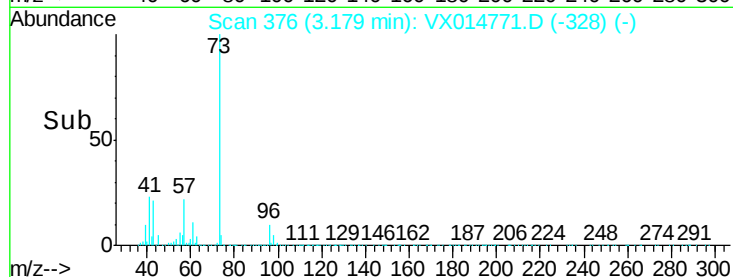
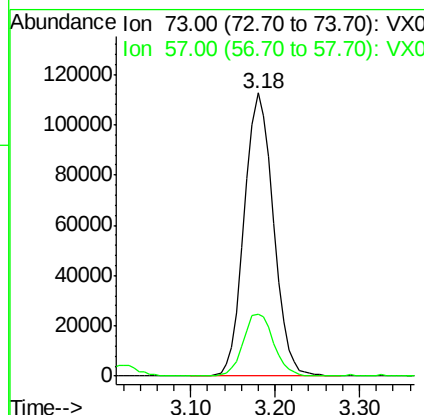
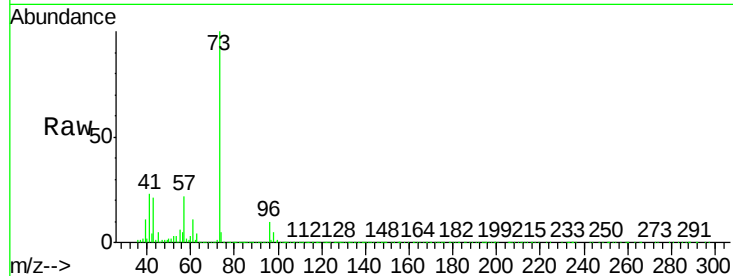
#19
Methvl tert-butvl Ether
Concen: 19.910 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014771.D
Acq: 30 Jan 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01

Tot Ion: 73 Resp: 264026
Ion Ratio Lower Upper
73 100
57 22.0 18.0 27.0

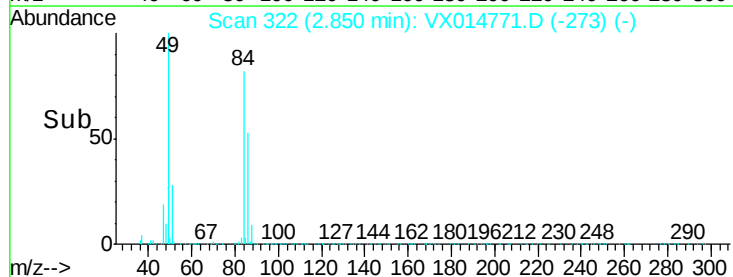
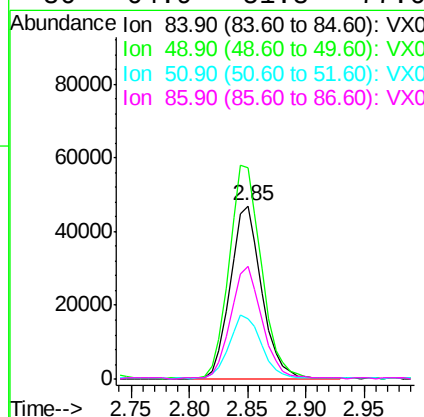
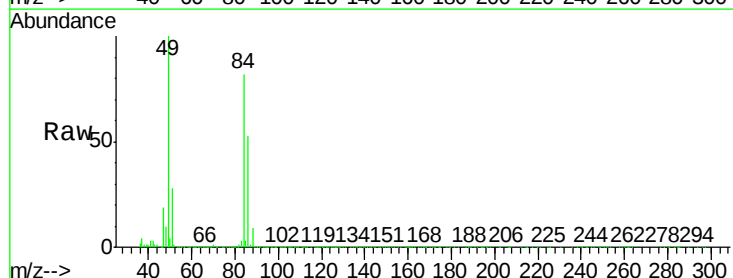
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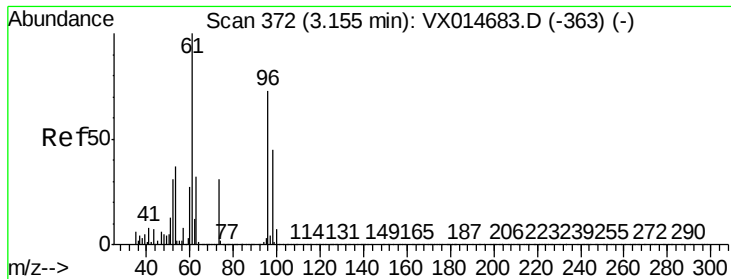
MMDadoda
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#20
Methylene Chloride
Concen: 18.321 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014771.D
Acq: 30 Jan 2020 11:50

Tgt Ion: 84 Resp: 88370
Ion Ratio Lower Upper
84 100
49 121.6 98.2 147.4
51 34.5 31.3 46.9
86 64.9 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 18.668 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014771.D

Acq: 30 Jan 2020 11:50

Instrument :

MSVOA_X

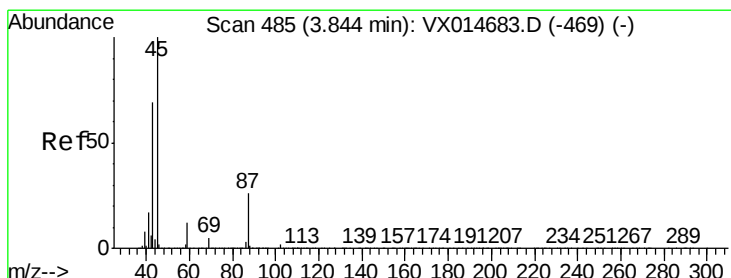
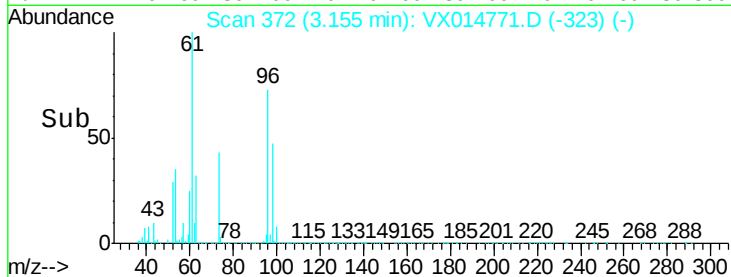
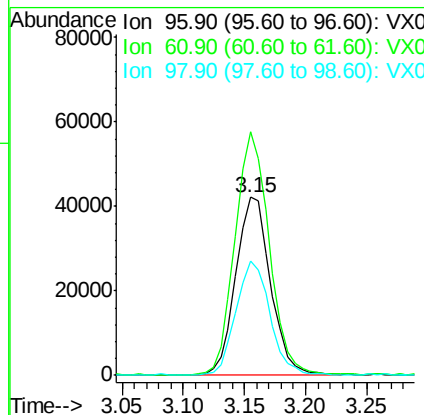
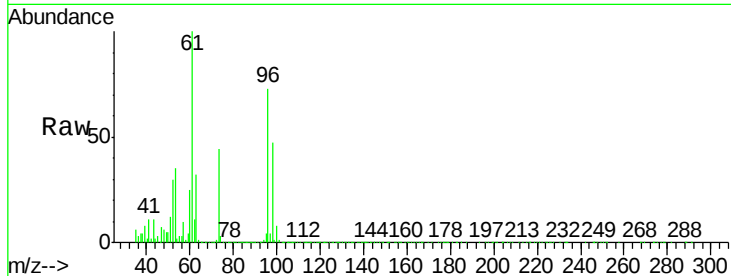
ClientSampleId :

VX0130WBSD01

Tot Ion:	96	Resp:	83218
Ion Ratio	Lower	Upper	
96	100		
61	136.5	109.8	164.6
98	64.1	49.6	74.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.953 ug/l

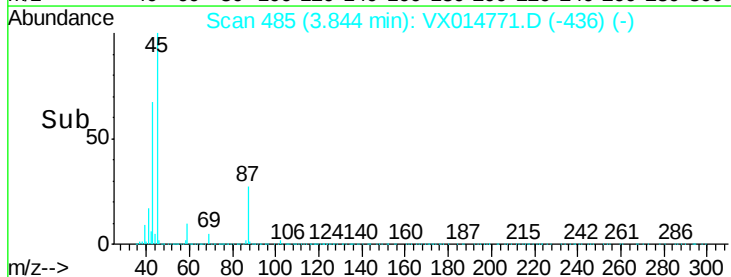
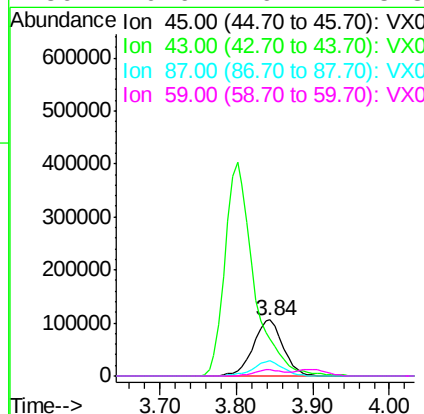
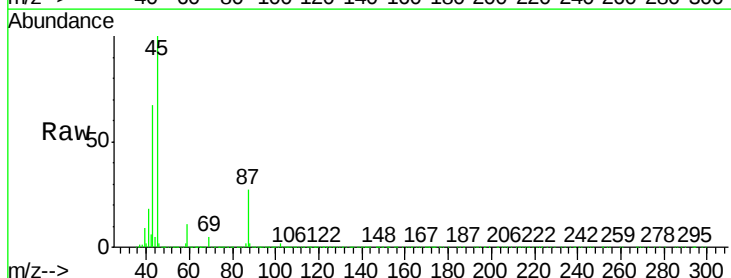
RT: 3.84 min Scan# 485

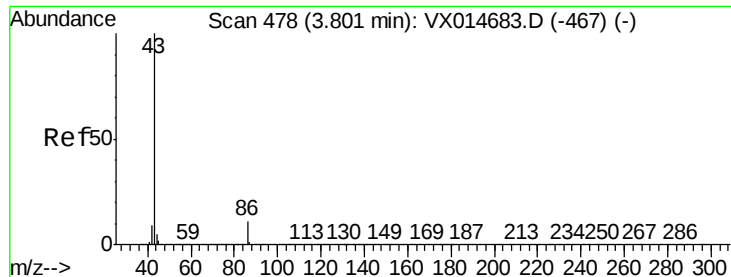
Delta R.T. 0.00 min

Lab File: VX014771.D

Acq: 30 Jan 2020 11:50

Tgt Ion:	45	Resp:	288889
Ion Ratio	Lower	Upper	
45	100		
43	66.2	55.1	82.7
87	26.5	20.7	31.1
59	10.6	9.2	13.8





#23

Vinyl Acetate

Concen: 95.932 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014771.D

Acq: 30 Jan 2020 11:50

Instrument :

MSVOA_X

ClientSampleID :

VX0130WBSD01

Tot Ion: 43 Resp: 1058799

Ion Ratio Lower Upper

43 100

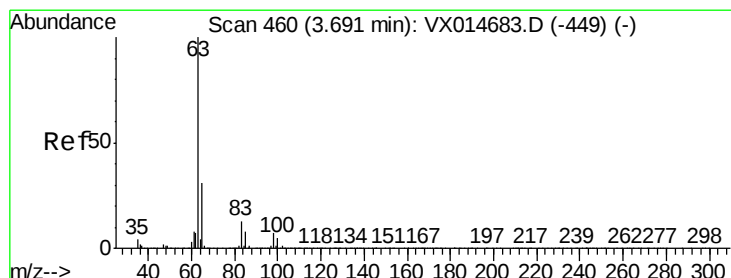
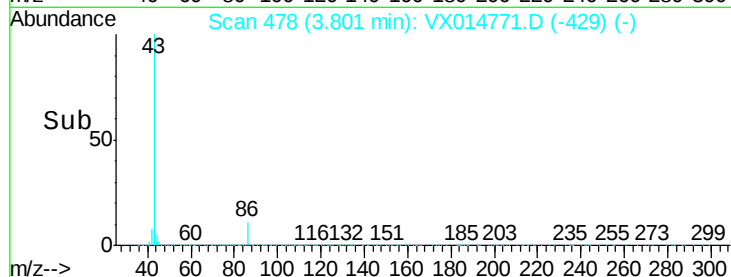
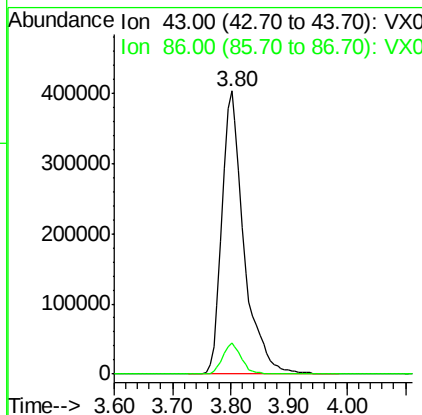
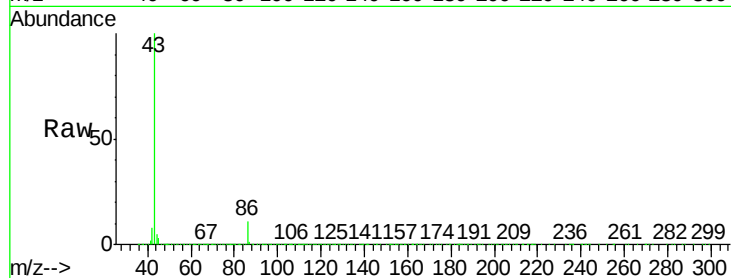
86 10.9 8.4 12.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.526 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014771.D

Acq: 30 Jan 2020 11:50

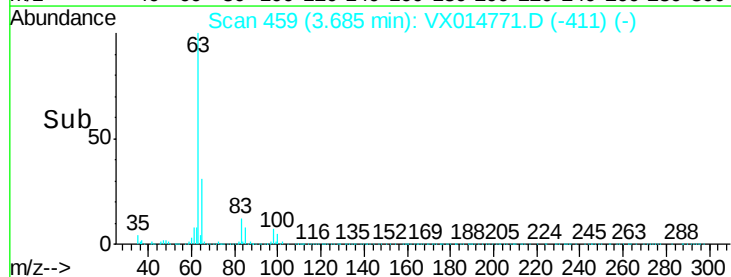
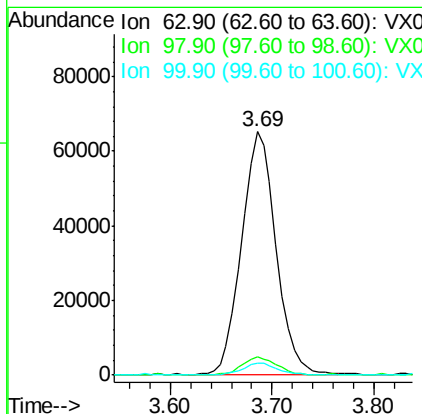
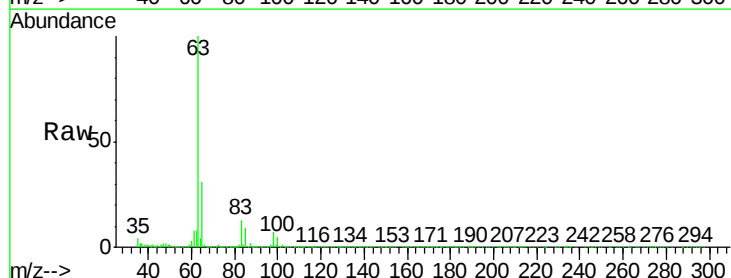
Tgt Ion: 63 Resp: 153534

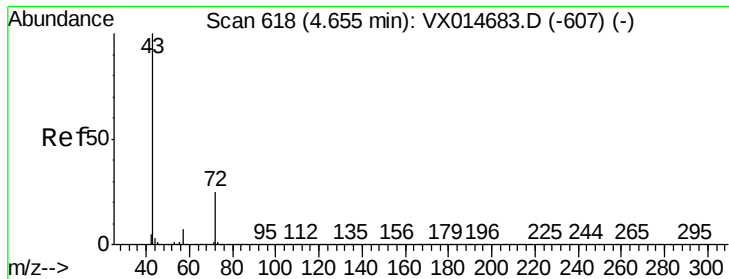
Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

100 4.8 2.2 6.6





#25

2-Butanone

Concen: 90.350 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014771.D

Acq: 30 Jan 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBSD01

Tot Ion: 43 Resp: 337429

Ion Ratio Lower Upper

43 100

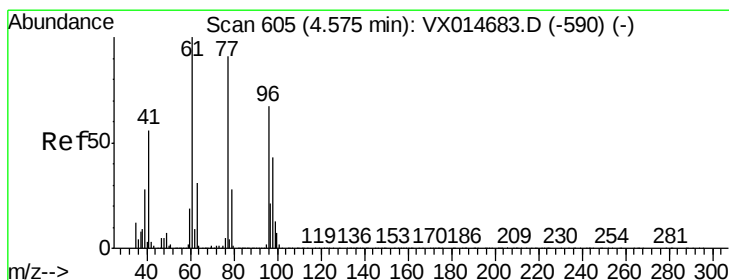
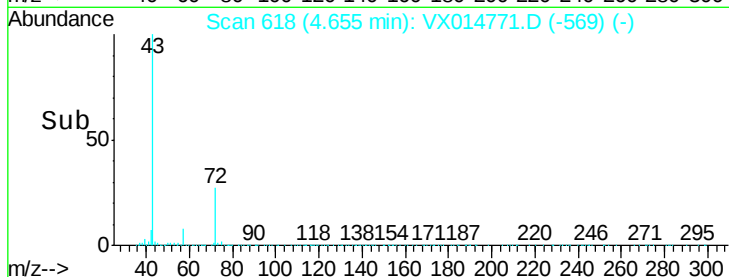
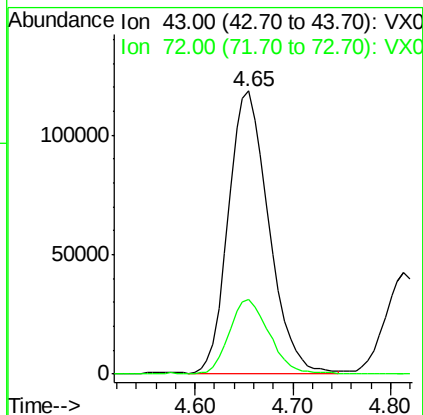
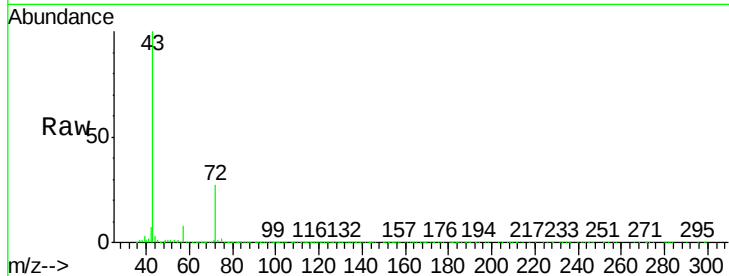
72 26.4 19.9 29.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.941 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014771.D

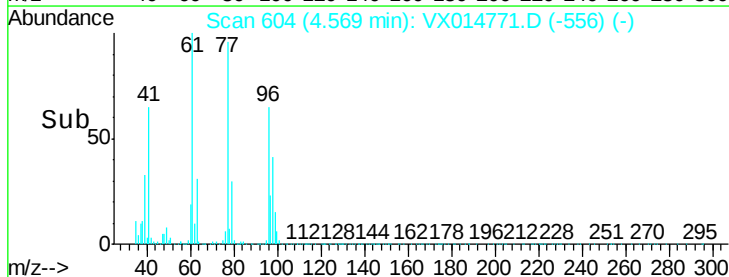
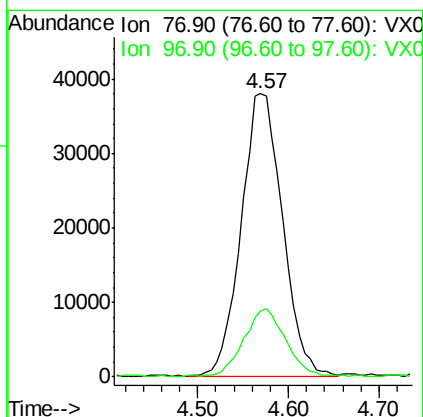
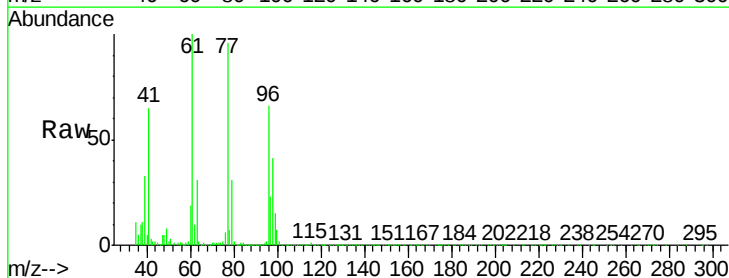
Acq: 30 Jan 2020 11:50

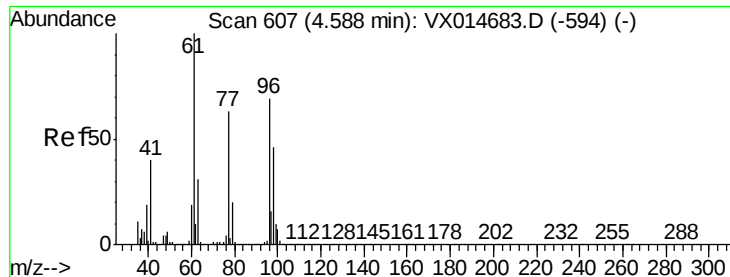
Tgt Ion: 77 Resp: 119211

Ion Ratio Lower Upper

77 100

97 24.0 11.8 35.3





#27

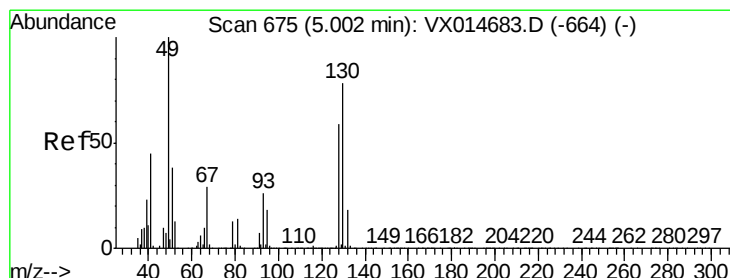
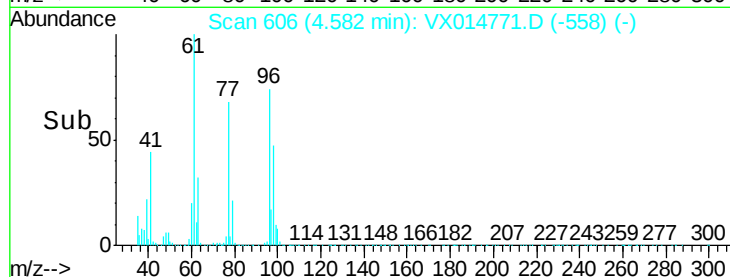
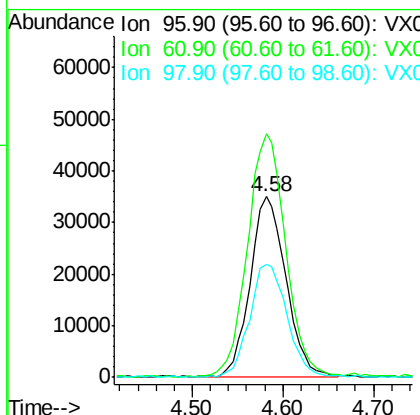
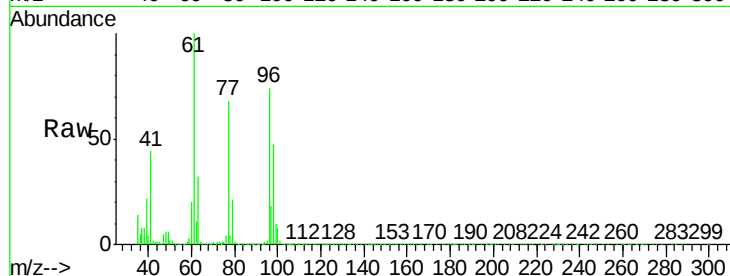
cis-1,2-Dichloroethene
Concen: 19.330 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014771.D
Acq: 30 Jan 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.7	0.0	291.0
98	64.0	0.0	129.8

Manual Integrations
APPROVED

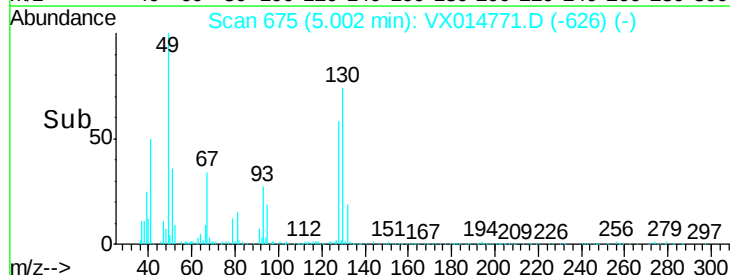
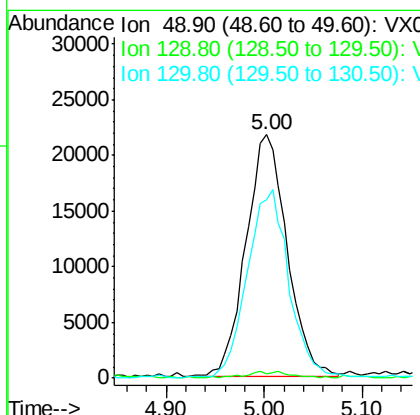
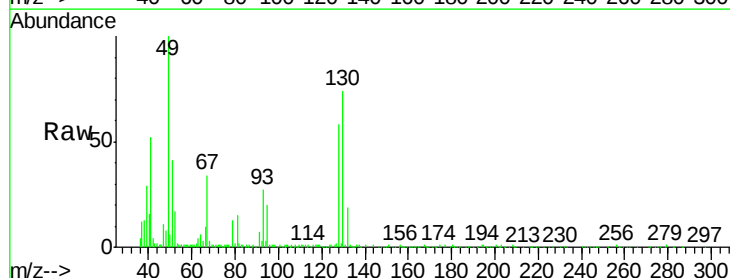
MMDadoda
1/31/2020 10:52:14 AM

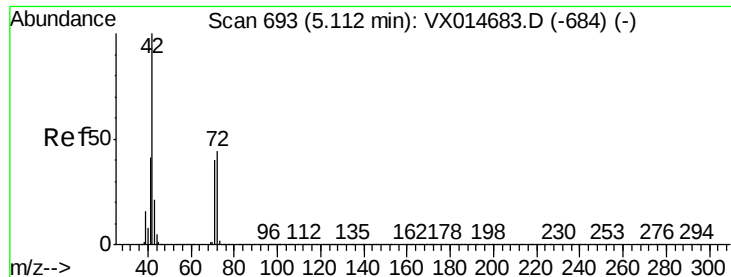


#28

Bromochloromethane
Concen: 18.406 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014771.D
Acq: 30 Jan 2020 11:50

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	4.8
130	79.6	62.4	93.6





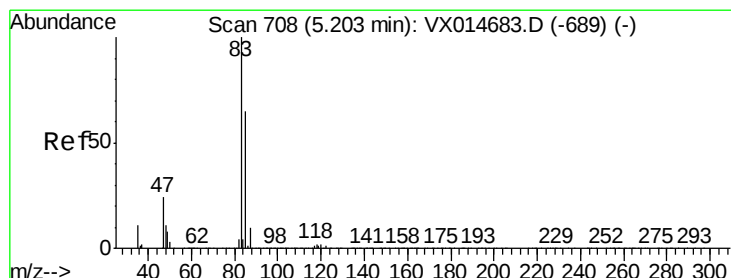
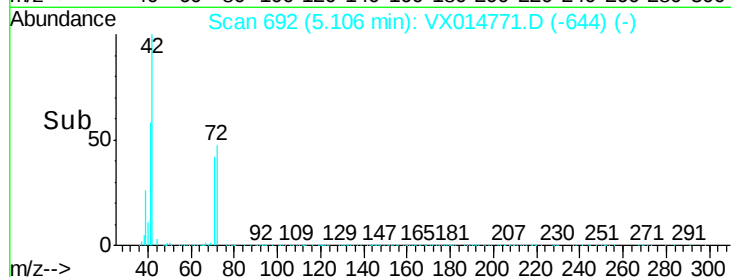
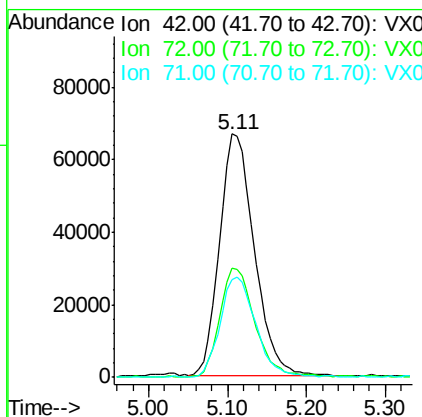
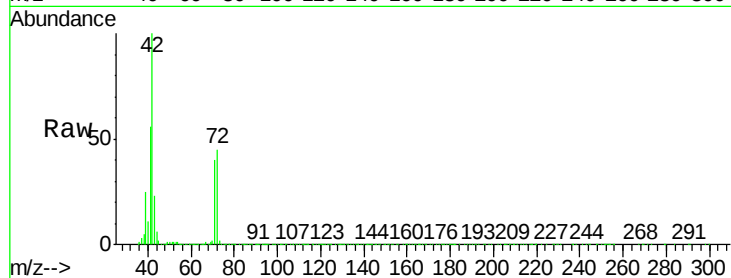
#29
Tetrahydrofuran
Concen: 92.559 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014771.D
Acq: 30 Jan 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.0	35.3	52.9
71	41.9	33.1	49.7

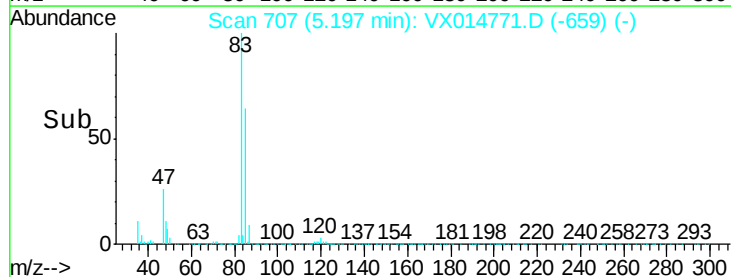
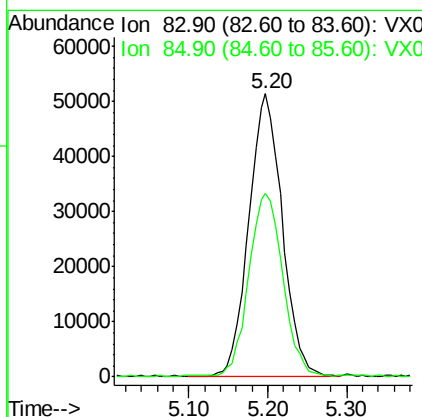
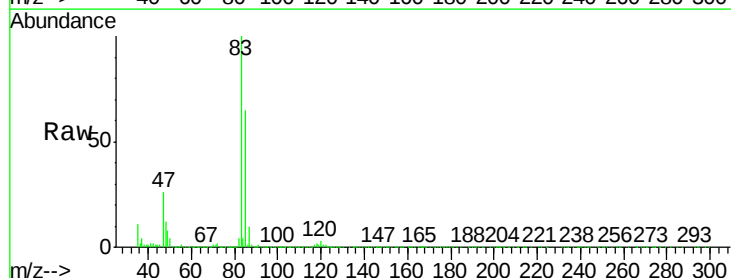
Manual Integrations
APPROVED

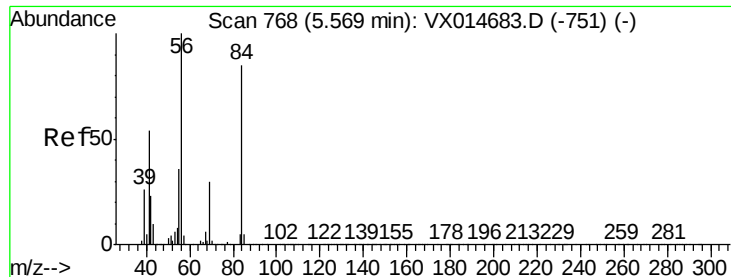
MMDadoda
1/31/2020 10:52:14 AM



#30
Chloroform
Concen: 19.396 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014771.D
Acq: 30 Jan 2020 11:50

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.7	77.5





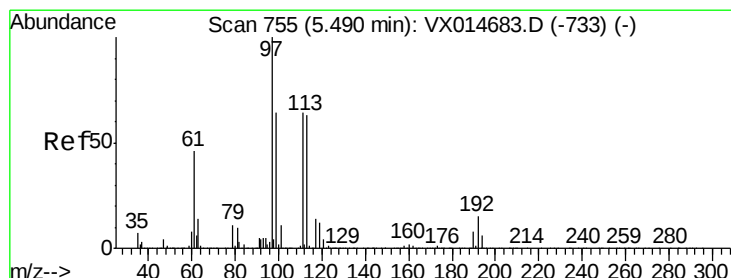
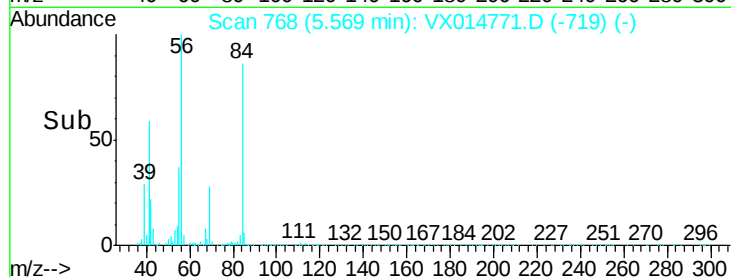
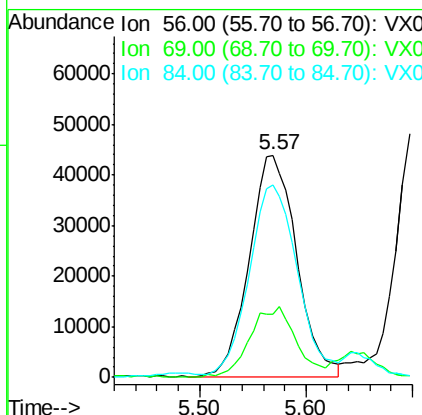
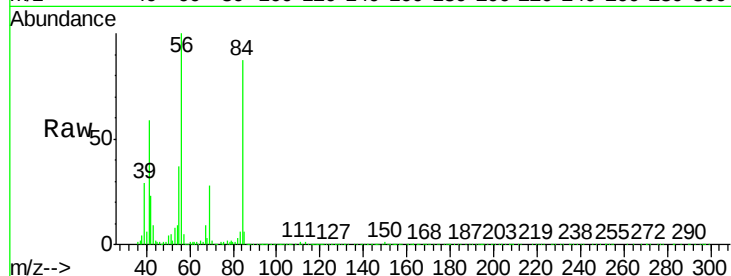
#31
Cyclohexane
Concen: 18.328 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014771.D
Acq: 30 Jan 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.1	23.4	35.2
84	85.1	68.4	102.6

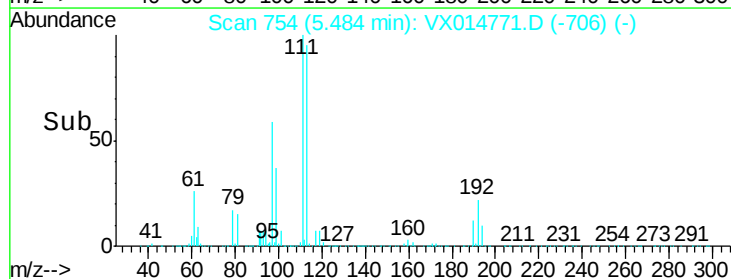
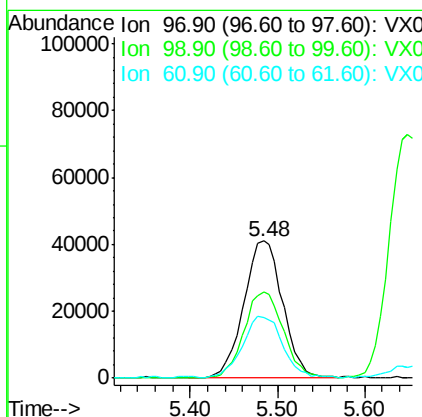
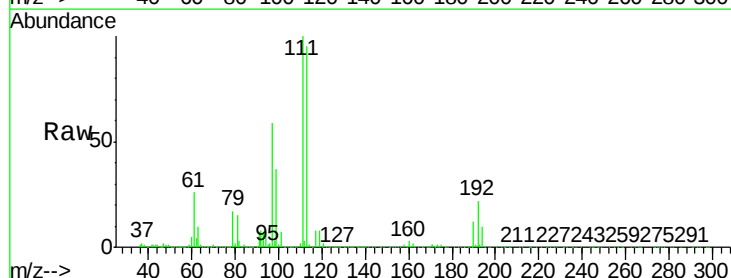
Manual Integrations
APPROVED

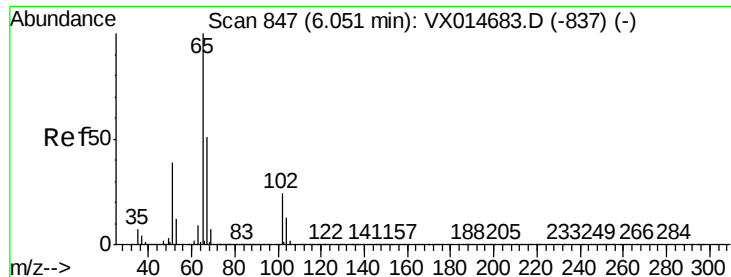
MMDadoda
1/31/2020 10:52:14 AM



#32
1,1,1-Trichloroethane
Concen: 19.208 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014771.D
Acq: 30 Jan 2020 11:50

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.3	52.3	78.5
61	45.1	37.2	55.8





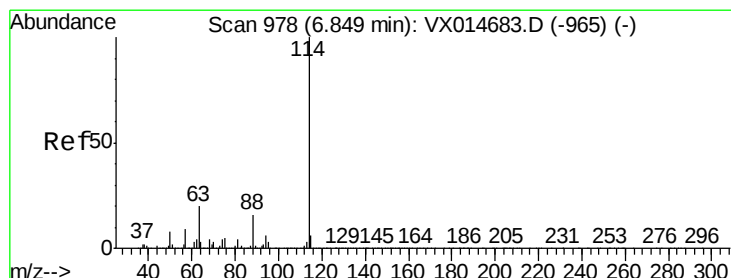
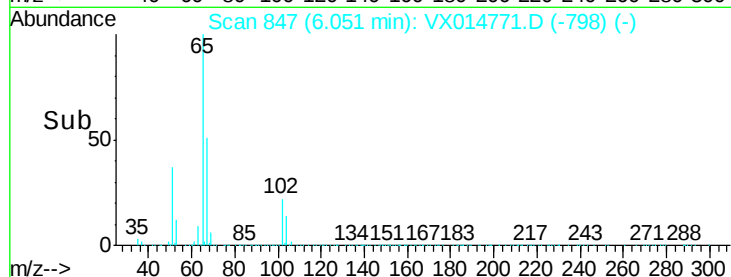
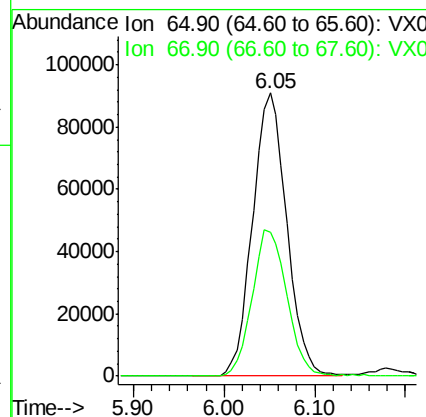
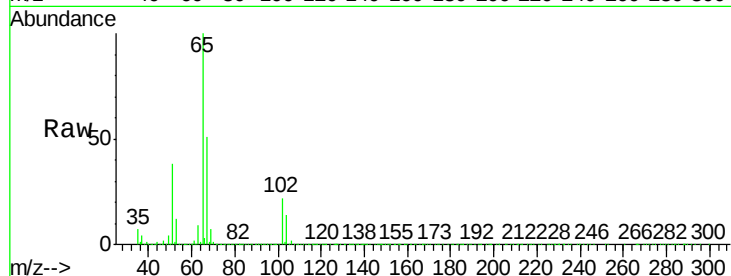
#33
 1,2-Dichloroethane-d4
 Concen: 49.692 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014771.D
 Acq: 30 Jan 2020 11:50

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0130WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	236338		
67	52.3	0.0	107.4	

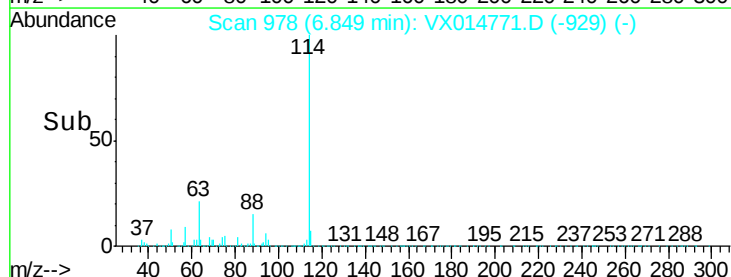
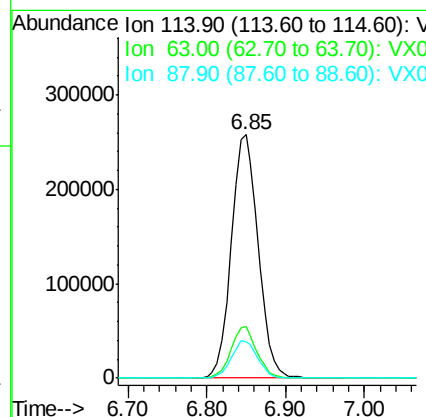
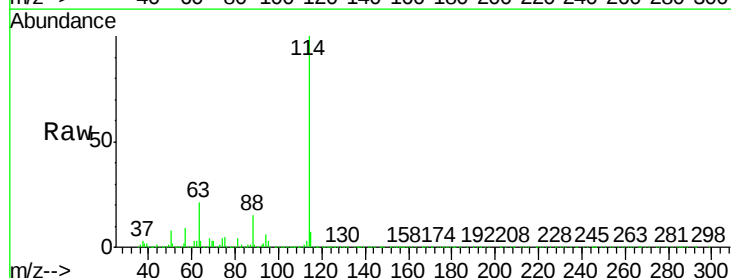
Manual Integrations
 APPROVED

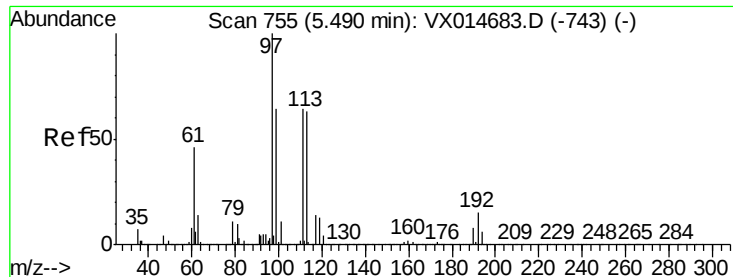
MMDadoda
 1/31/2020 10:52:14 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014771.D
 Acq: 30 Jan 2020 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	607344		
63	21.0	0.0	40.6	
88	14.8	0.0	31.2	





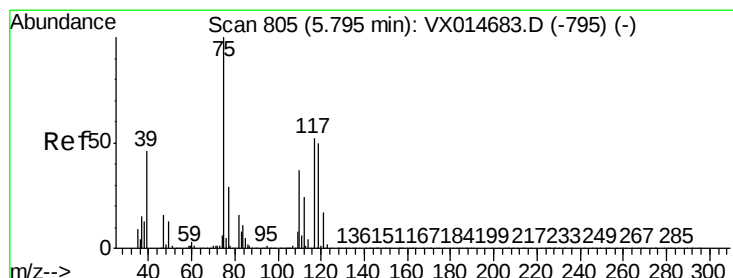
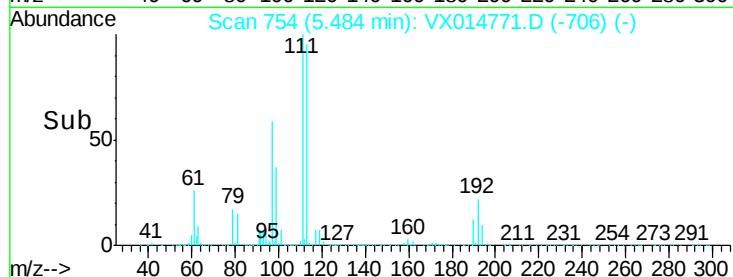
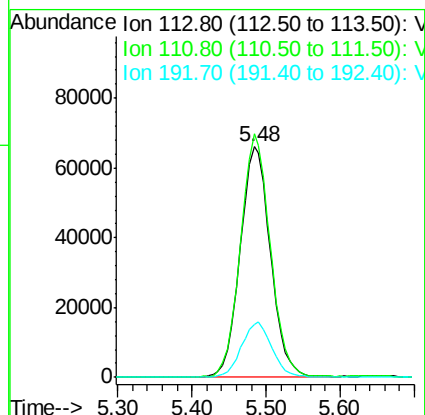
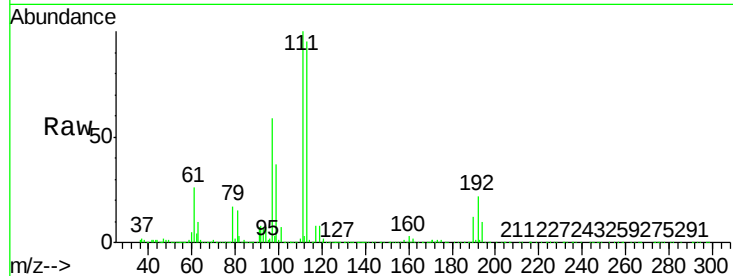
#35
Dibromofluoromethane
Concen: 49.503 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014771.D
Acq: 30 Jan 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	80.7	121.1
192	23.8	18.5	27.7

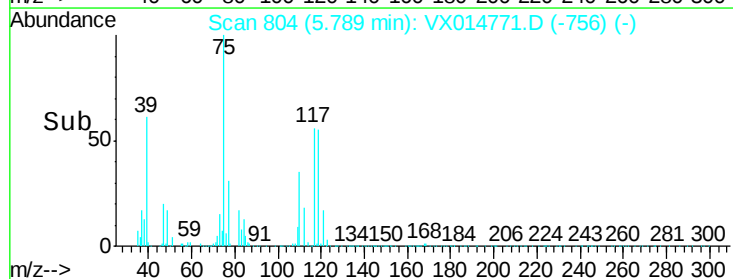
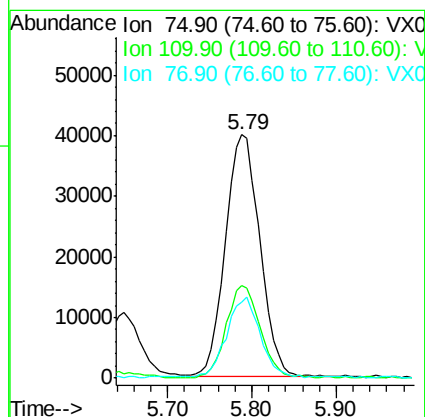
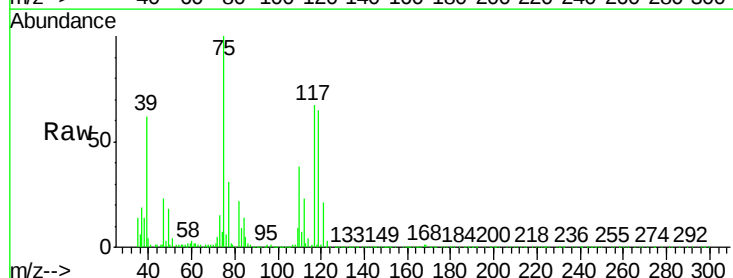
Manual Integrations
APPROVED

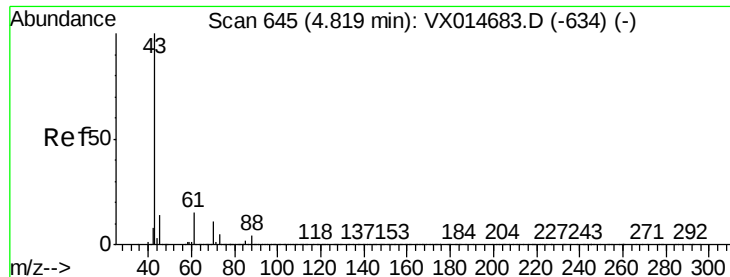
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1/31/2020 10:52:14 AM



#36
1,1-Dichloropropene
Concen: 19.788 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.01 min
Lab File: VX014771.D
Acq: 30 Jan 2020 11:50

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.8	17.9	53.7
77	31.3	24.1	36.1





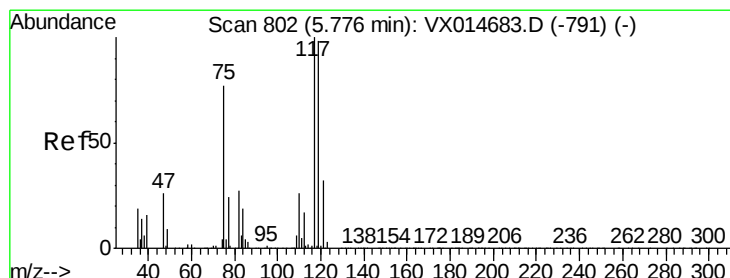
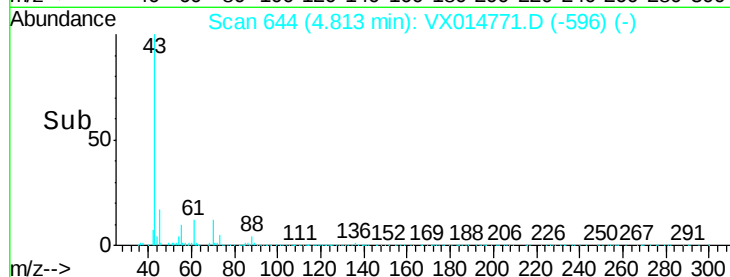
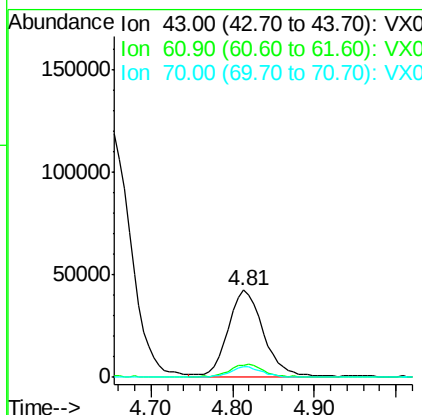
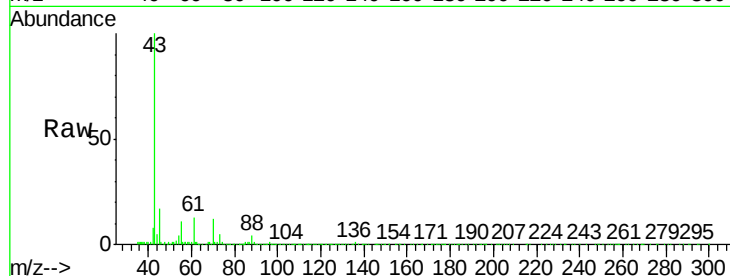
#37
Ethyl Acetate
Concen: 19.298 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014771.D
Acq: 30 Jan 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.0	16.4
70	11.1	8.5	12.7

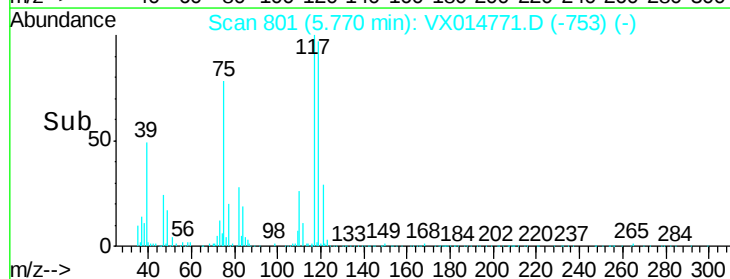
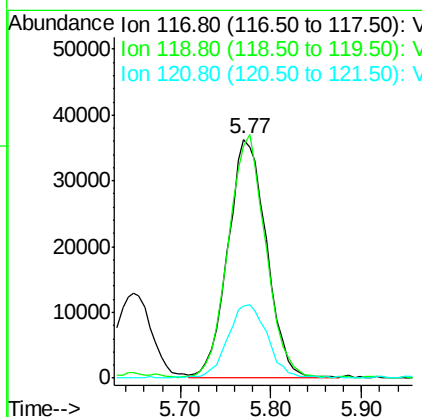
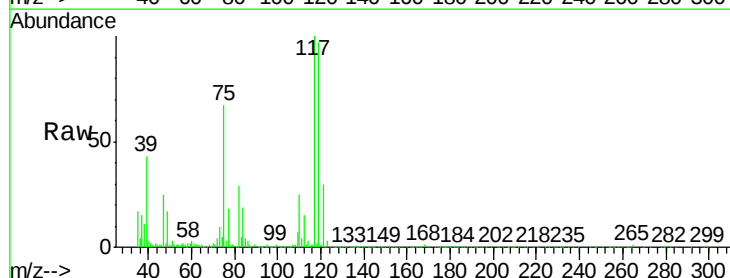
Manual Integrations
APPROVED

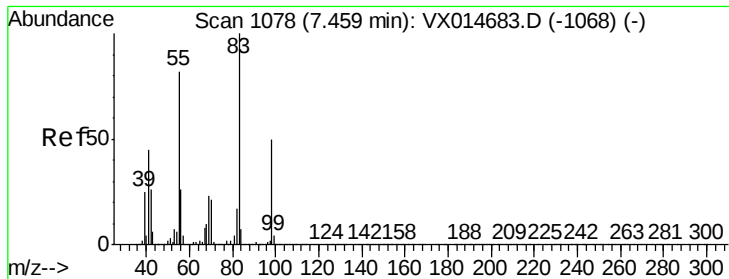
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#38
Carbon Tetrachloride
Concen: 19.607 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014771.D
Acq: 30 Jan 2020 11:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.9	116.9
121	29.6	25.4	38.2





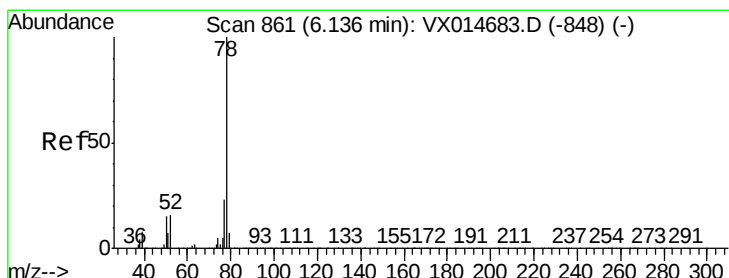
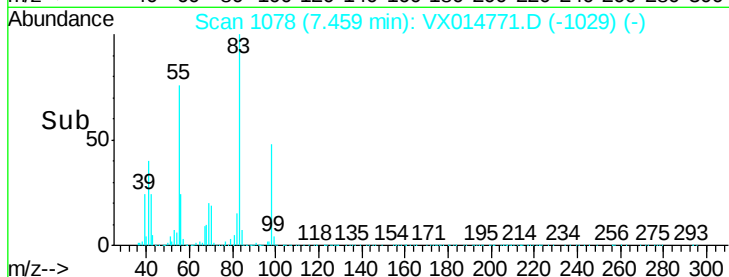
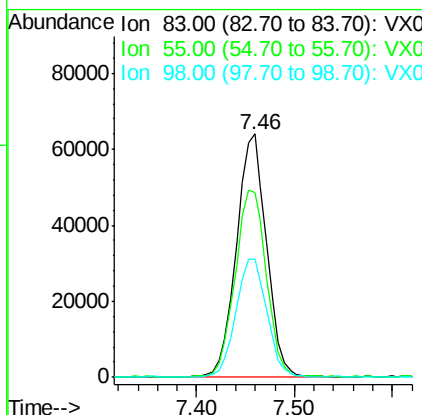
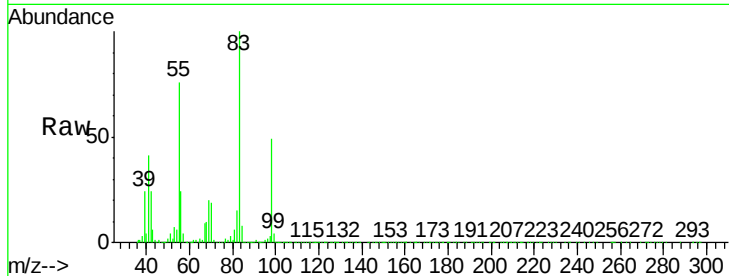
#39
Methvlcvclohexane
Concen: 19.385 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX014771.D
Acq: 30 Jan 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.4	65.6	98.4
98	48.2	40.2	60.4

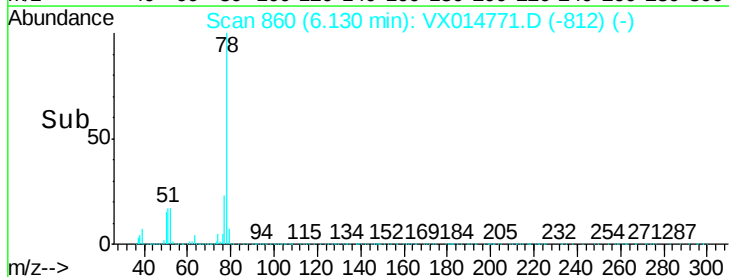
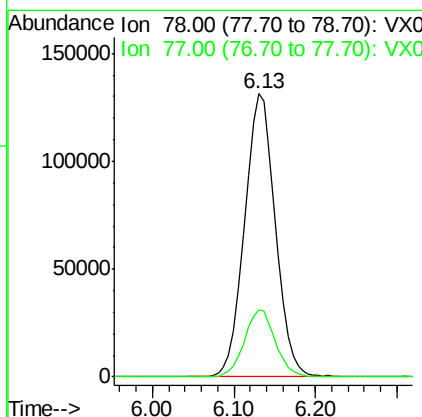
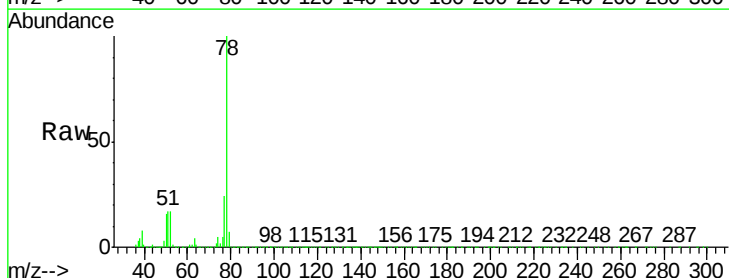
Manual Integrations
APPROVED

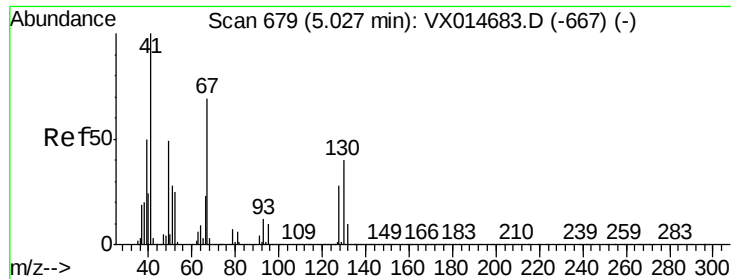
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#40
Benzene
Concen: 19.718 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014771.D
Acq: 30 Jan 2020 11:50

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.7	28.1





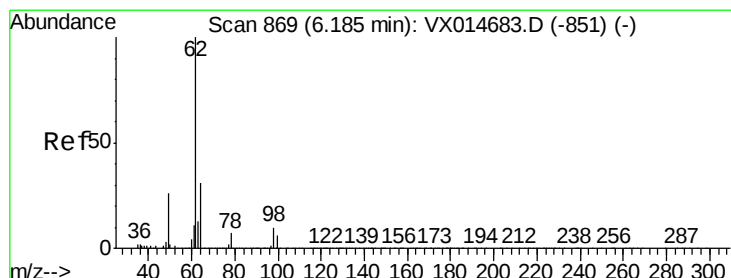
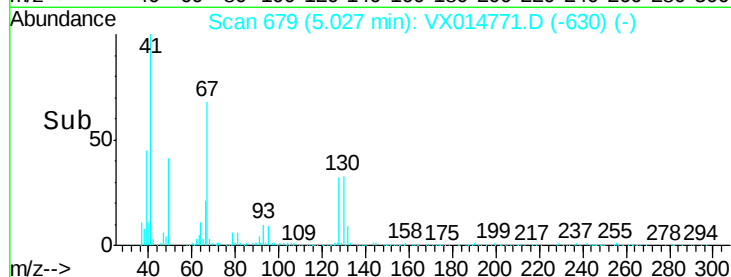
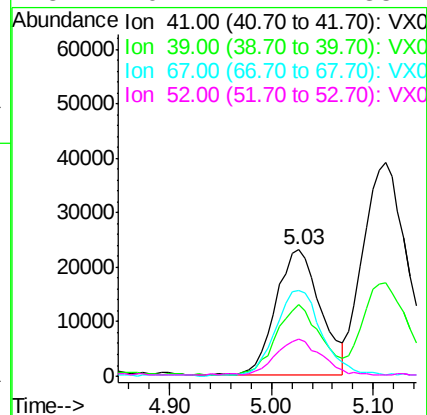
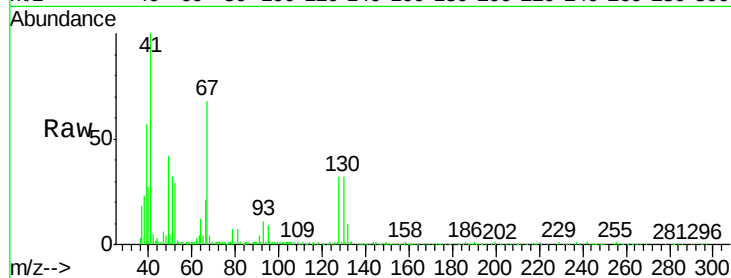
#41
Methacrylonitrile
Concen: 18.834 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014771.D
Acq: 30 Jan 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.7	42.2	63.2	
67	71.7	55.4	83.0	
52	29.7	22.1	33.1	

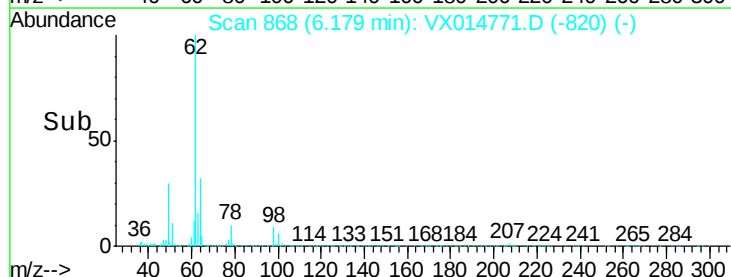
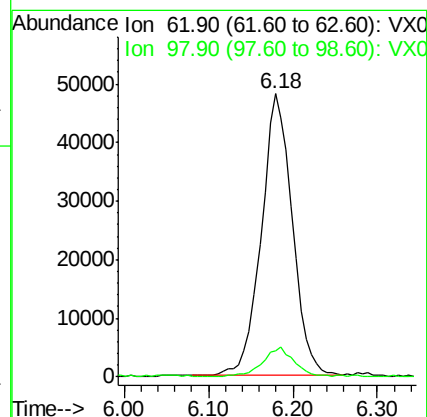
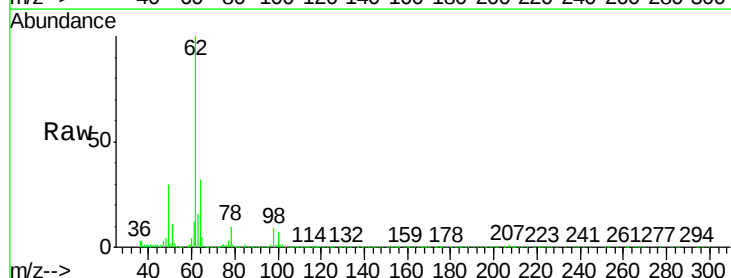
Manual Integrations
APPROVED

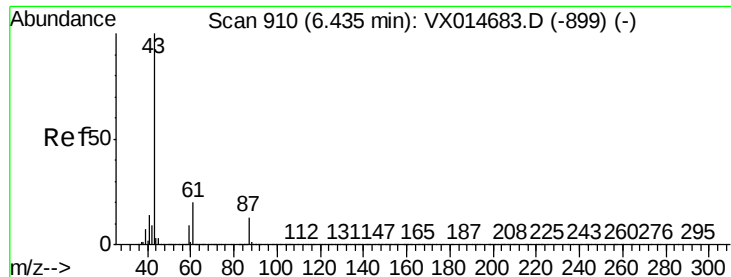
MMDadoda
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#42
1,2-Dichloroethane
Concen: 20.268 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014771.D
Acq: 30 Jan 2020 11:50

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.6	0.0	20.0	





#43

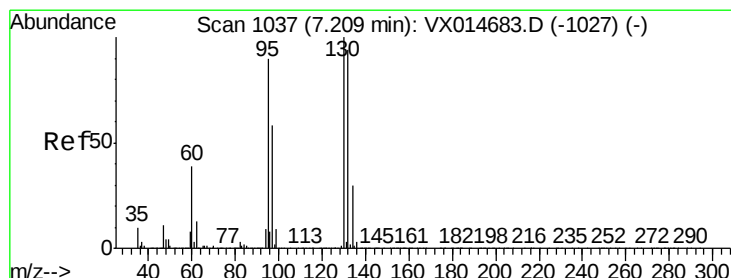
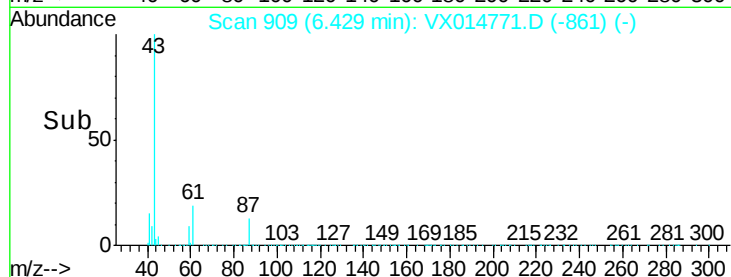
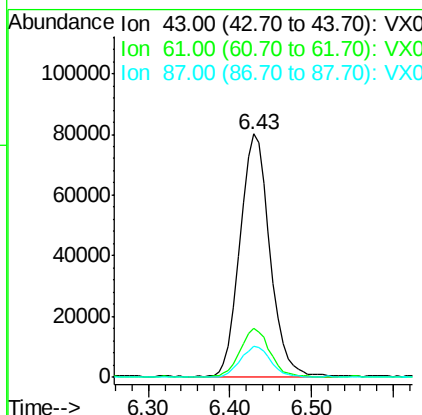
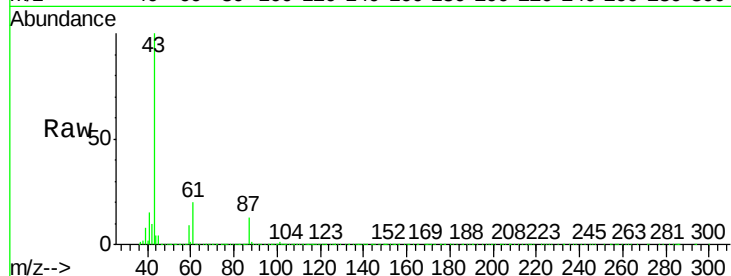
Isopropyl Acetate
 Concen: 19.130 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014771.D
 Acq: 30 Jan 2020 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0130WBSD01

Tot Ion	43	Resp	202478
Ion Ratio	Lower	Upper	
43	100		
61	21.0	16.2	24.4
87	12.3	10.5	15.7

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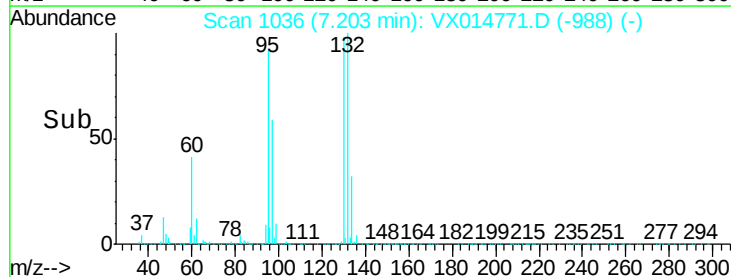
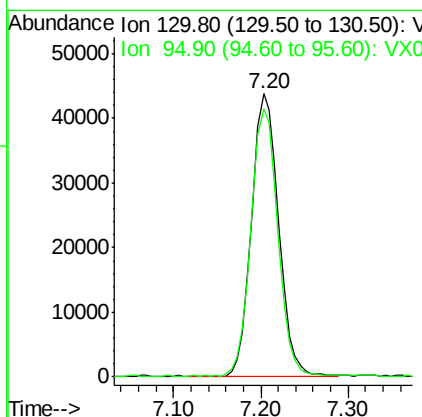
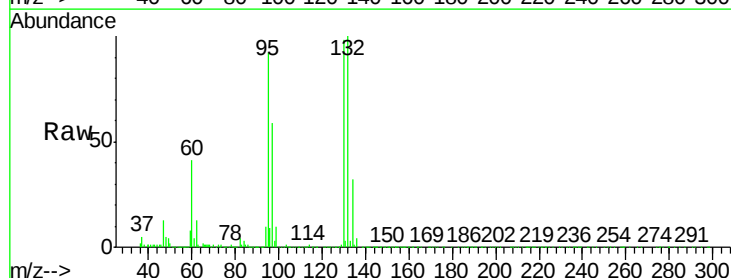
MMDadoda
 1/31/2020 10:52:14 AM

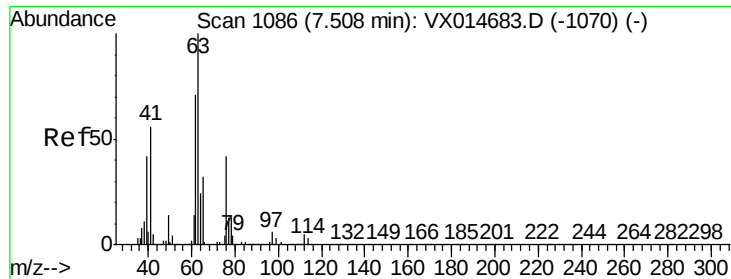


#44

Trichloroethene
 Concen: 19.302 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014771.D
 Acq: 30 Jan 2020 11:50

Tgt Ion	130	Resp	95068
Ion Ratio	Lower	Upper	
130	100		
95	94.5	0.0	179.8





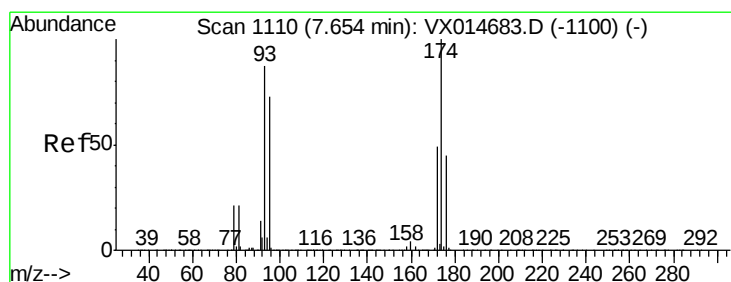
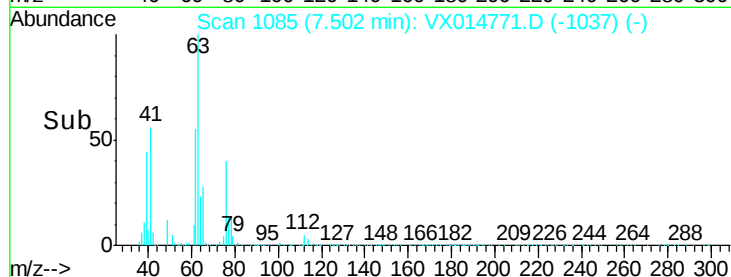
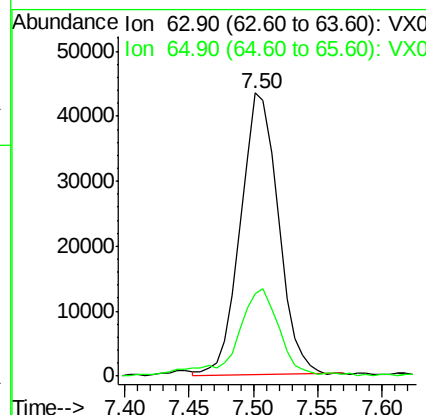
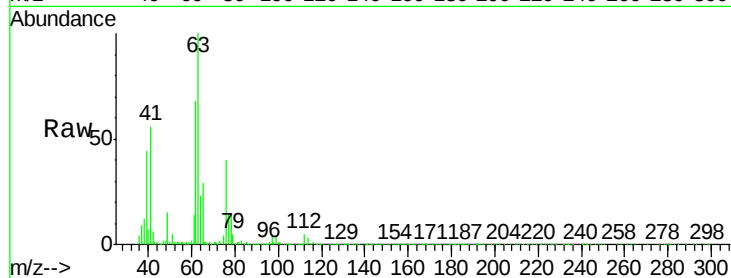
#45
 1,2-Dichloropropane
 Concen: 19.672 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014771.D
 Acq: 30 Jan 2020 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0130WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.0	25.2	37.8

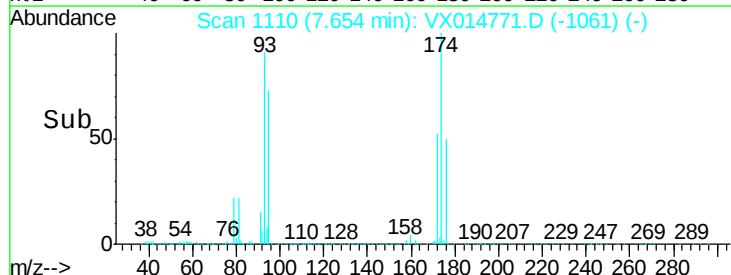
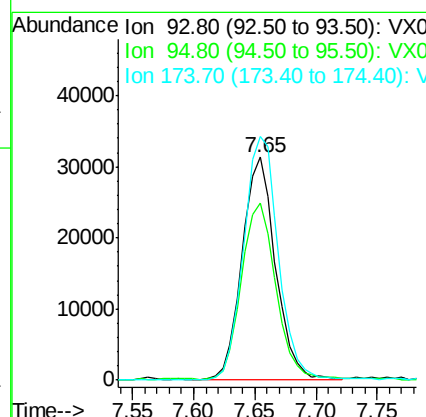
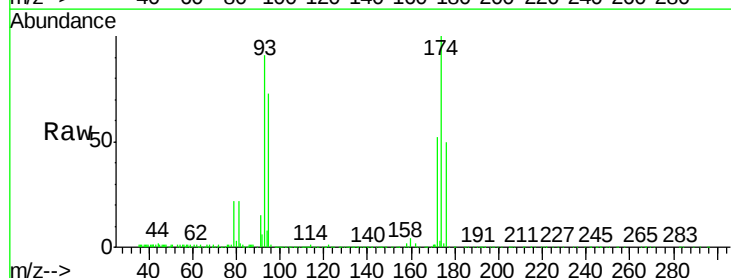
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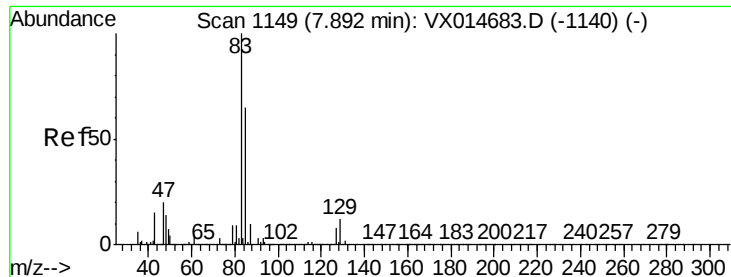
MMDadoda
 1/31/2020 10:52:14 AM



#46
 Dibromomethane
 Concen: 20.412 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014771.D
 Acq: 30 Jan 2020 11:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.5	67.0	100.4
174	114.2	90.2	135.2





#47

Bromodichloromethane

Concen: 20.111 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014771.D

Acq: 30 Jan 2020 11:50

Instrument :

MSVOA_X

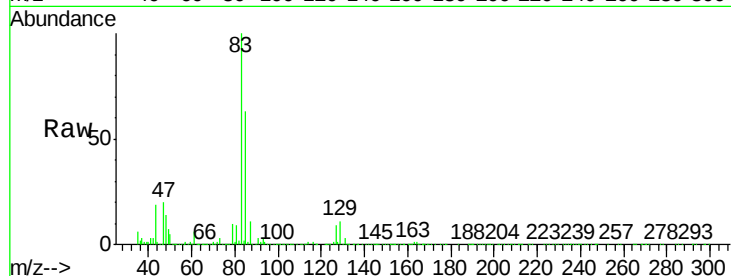
ClientSampleId :

VX0130WBSD01

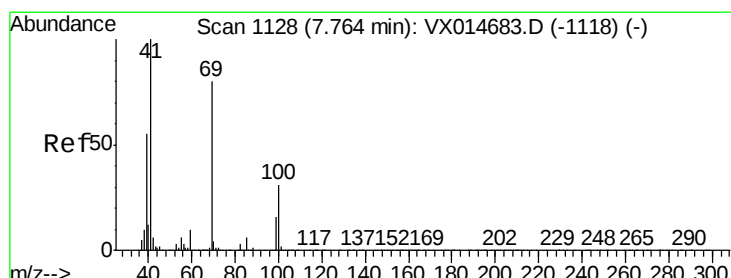
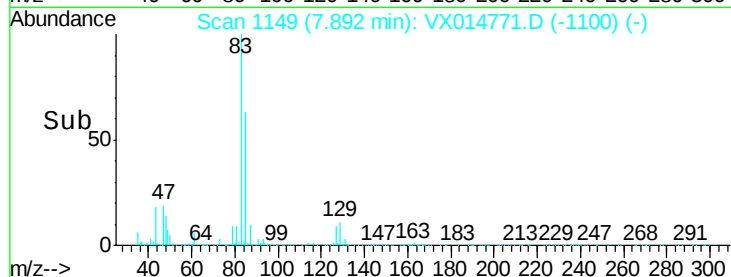
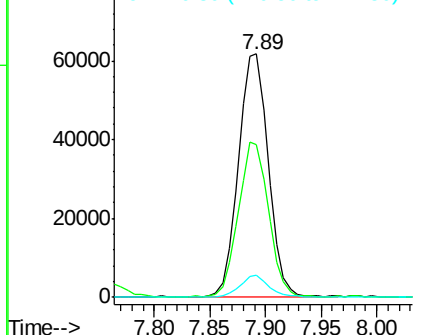
Tot Ion:	83	Resp:	114756
Ion	Ratio	Lower	Upper
83	100		
85	62.5	52.2	78.2
127	8.7	6.4	9.6

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.403 ug/l

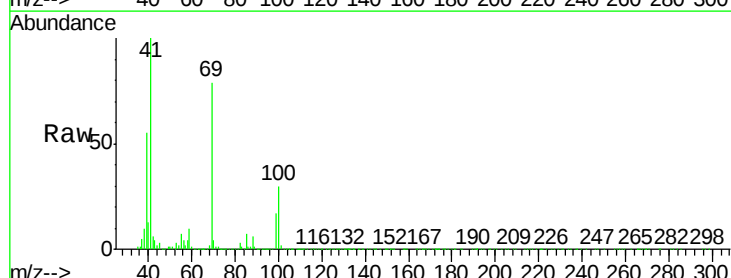
RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

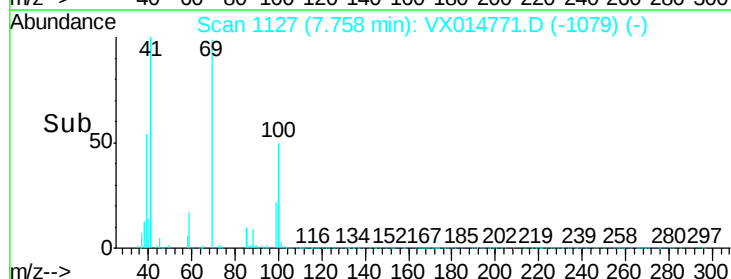
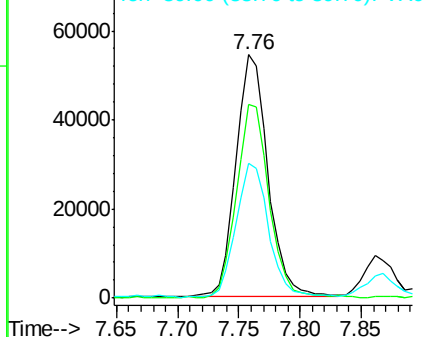
Lab File: VX014771.D

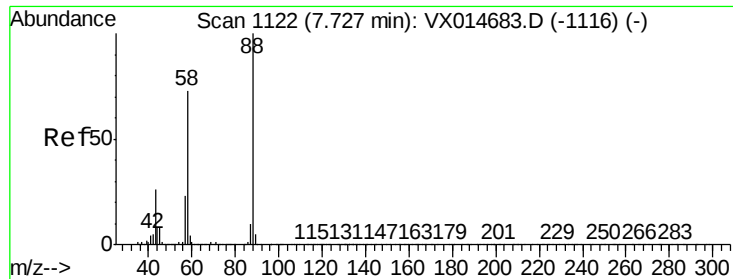
Acq: 30 Jan 2020 11:50

Tgt Ion:	41	Resp:	98125
Ion	Ratio	Lower	Upper
41	100		
69	81.1	63.5	95.3
39	57.0	43.7	65.5



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





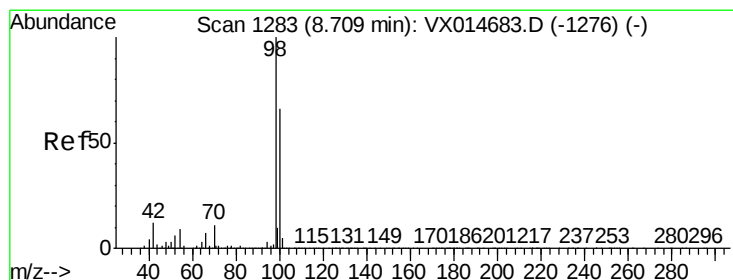
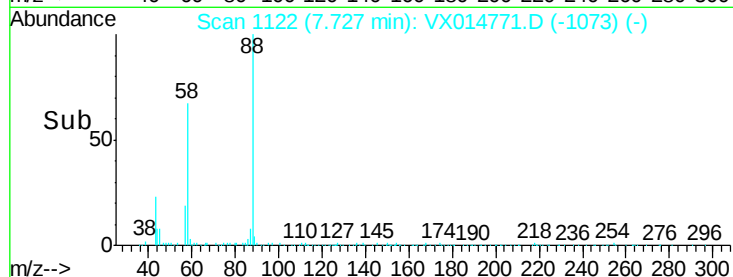
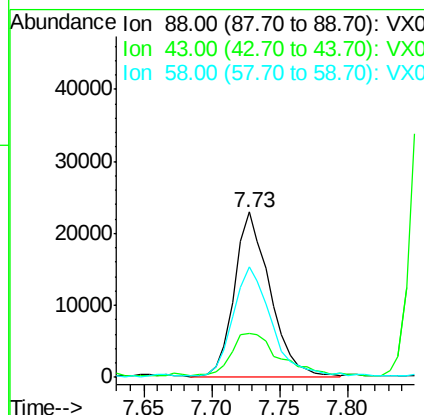
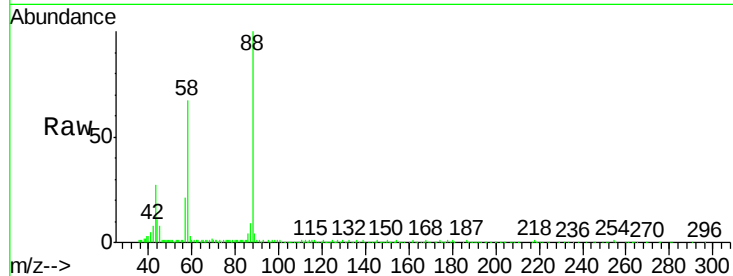
#49
1,4-Dioxane
Concen: 390.743 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. 0.00 min
Lab File: VX014771.D
Acq: 30 Jan 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01

Tot Ion	88	Resp	41888
Ion Ratio	Lower	Upper	
88	100		
43	35.2	26.2	39.2
58	70.4	56.6	85.0

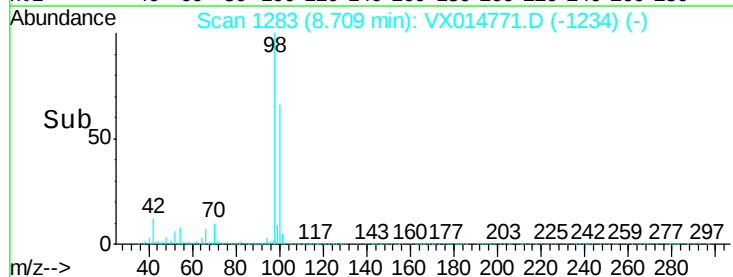
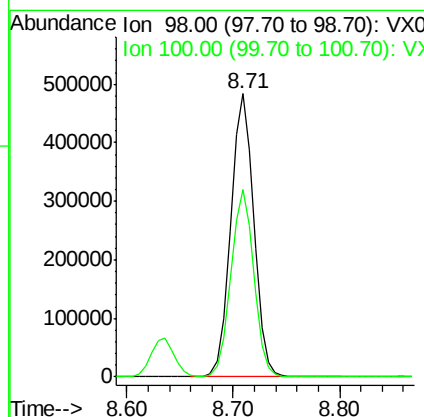
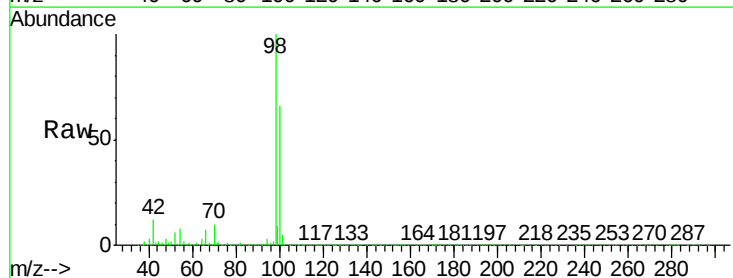
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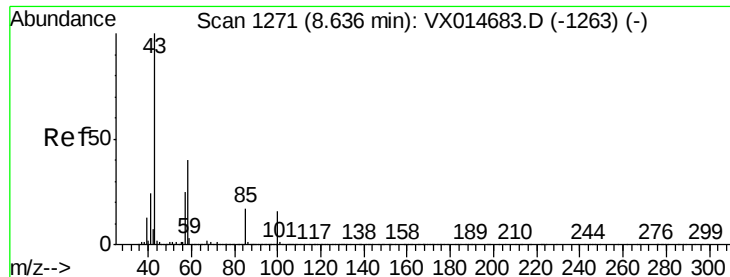
MMDadoda
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#50
Toluene-d8
Concen: 49.744 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014771.D
Acq: 30 Jan 2020 11:50

Tgt Ion	98	Resp	732879
Ion Ratio	Lower	Upper	
98	100		
100	65.8	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 97.885 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014771.D

Acq: 30 Jan 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBSD01

Tot Ion: 43 Resp: 653908

Ion Ratio Lower Upper

43 100

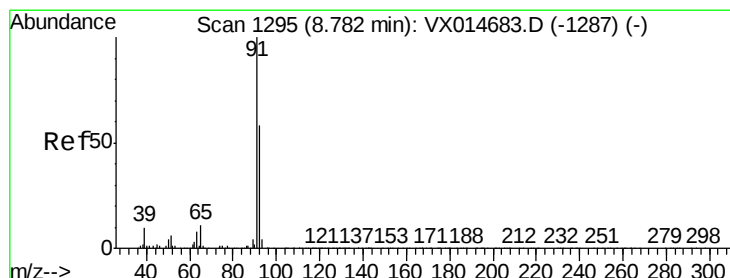
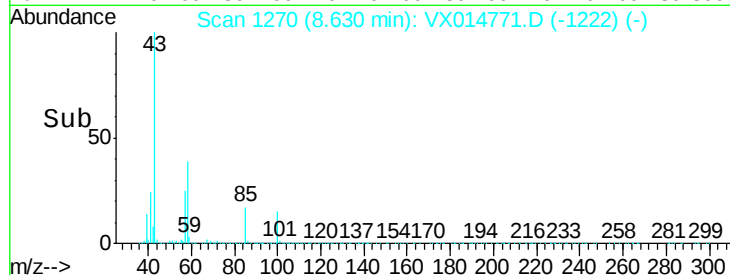
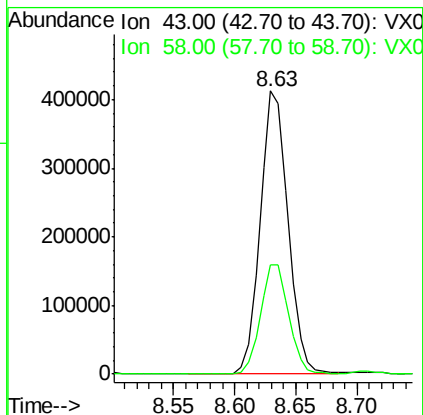
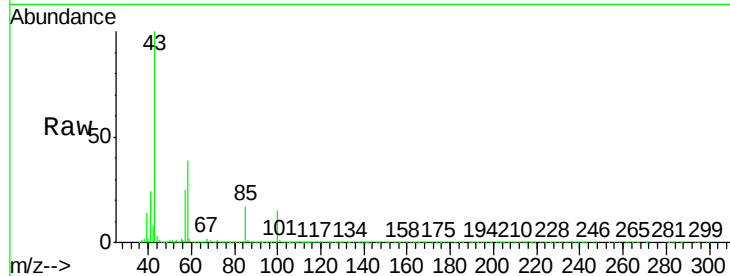
58 39.1 31.6 47.4

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#52

Toluene

Concen: 20.210 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014771.D

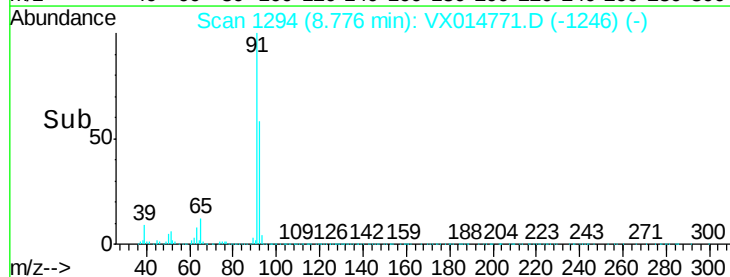
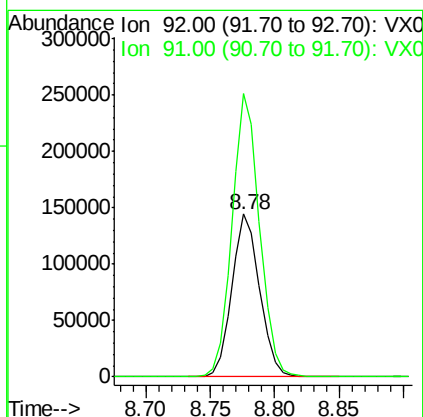
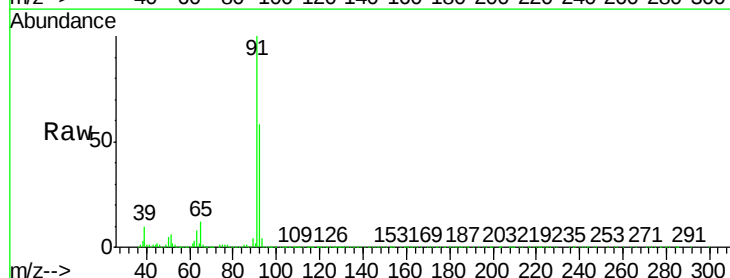
Acq: 30 Jan 2020 11:50

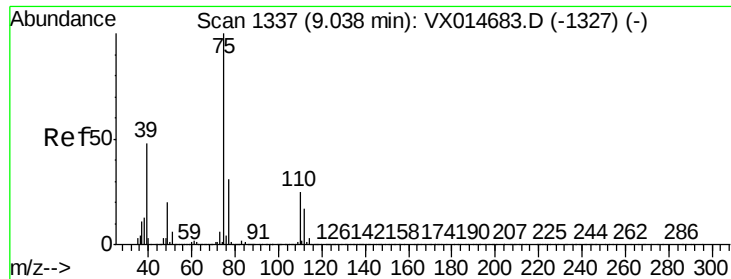
Tgt Ion: 92 Resp: 216622

Ion Ratio Lower Upper

92 100

91 172.0 135.9 203.9





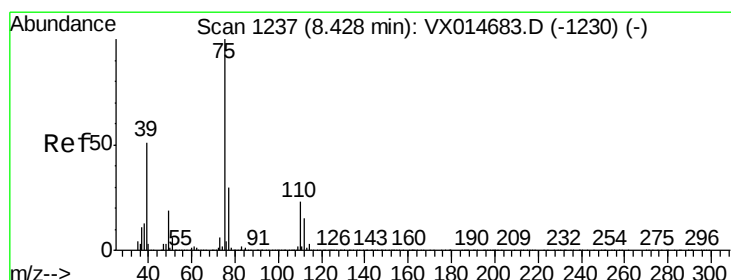
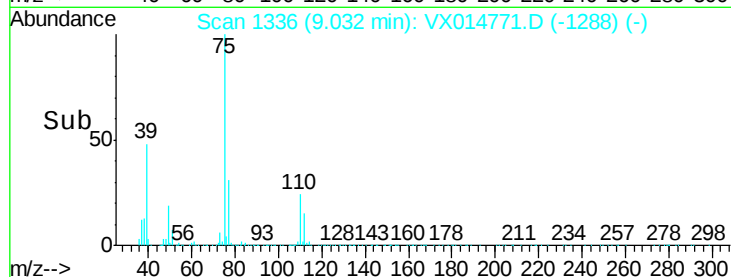
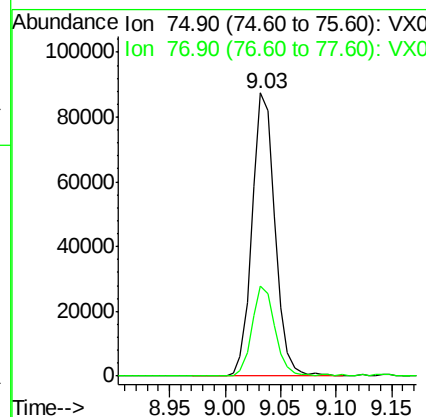
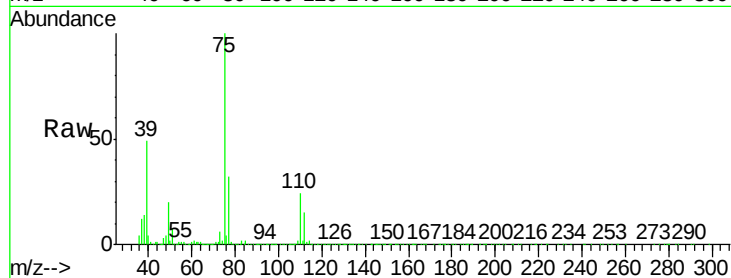
#53
t-1,3-Dichloropropene
Concen: 20.247 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014771.D
Acq: 30 Jan 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	24.9	37.3

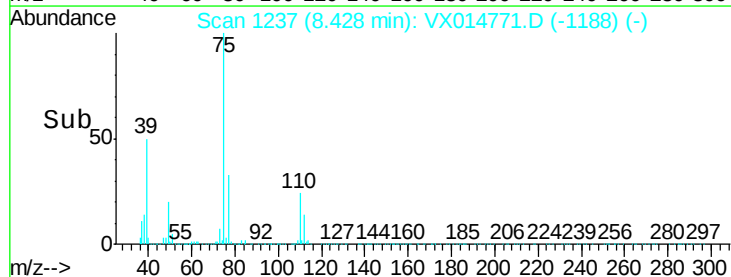
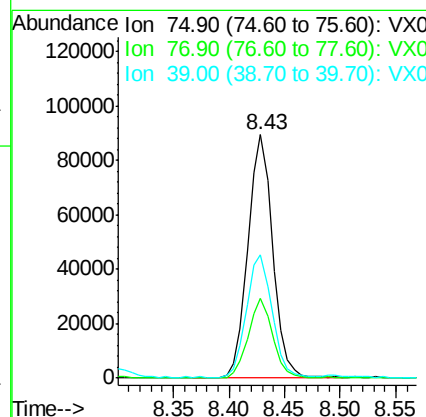
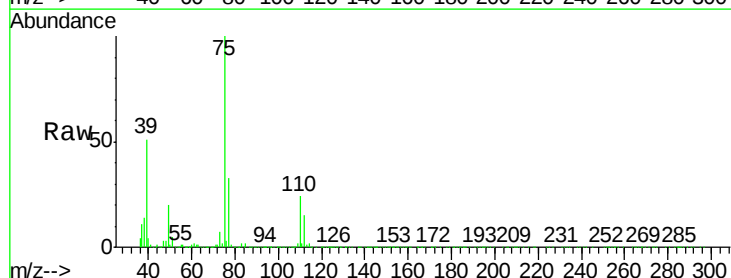
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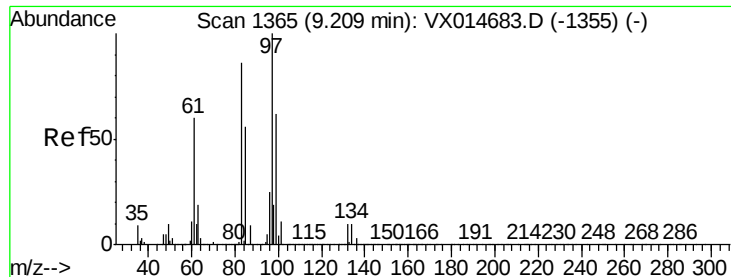
MMDadoda
1/31/2020 10:52:14 AM



#54
cis-1,3-Dichloropropene
Concen: 20.554 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014771.D
Acq: 30 Jan 2020 11:50

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.7	23.9	35.9
39	50.3	40.9	61.3





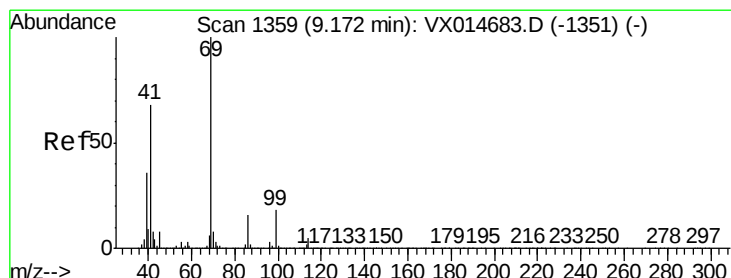
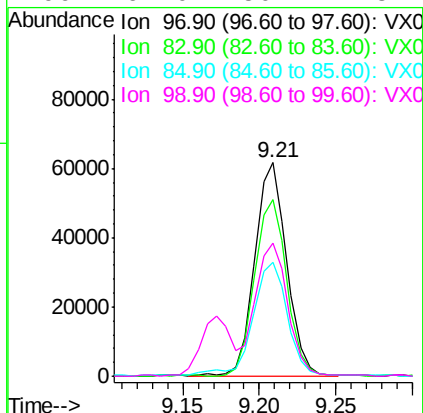
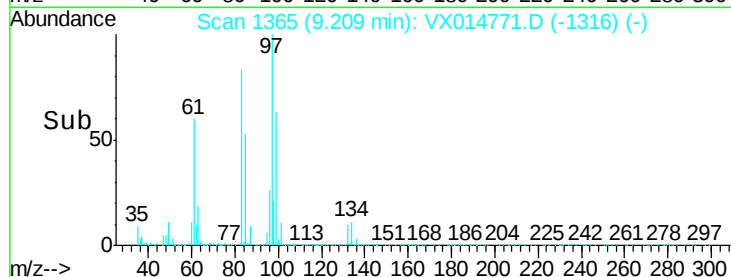
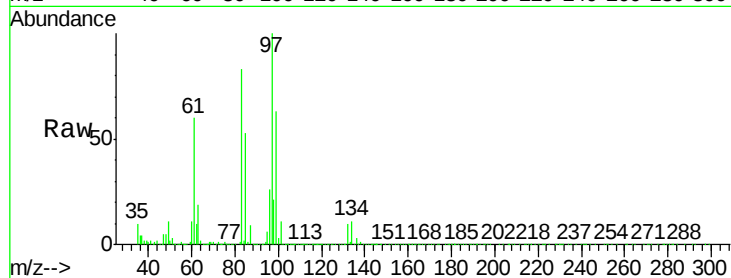
#55
 1,1,2-Trichloroethane
 Concen: 20.259 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014771.D
 Acq: 30 Jan 2020 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0130WBSD01

Tot Ion:	97	Resp:	88907
Ion	Ratio	Lower	Upper
97	100		
83	82.7	69.2	103.8
85	52.9	44.6	67.0
99	62.0	50.1	75.1

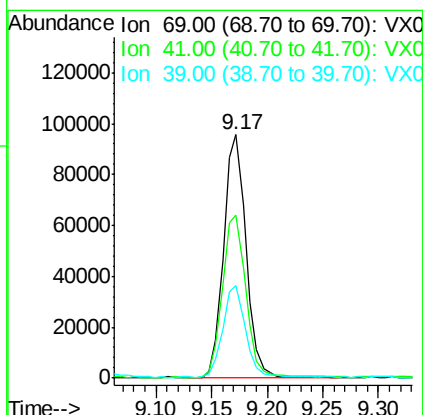
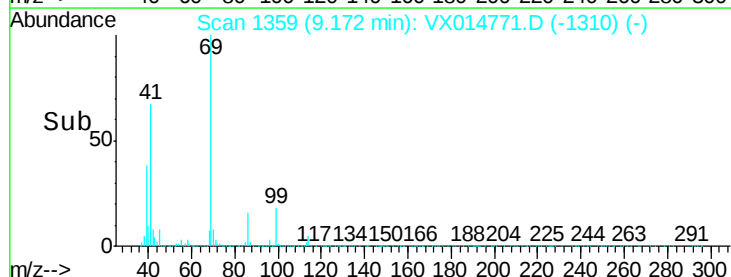
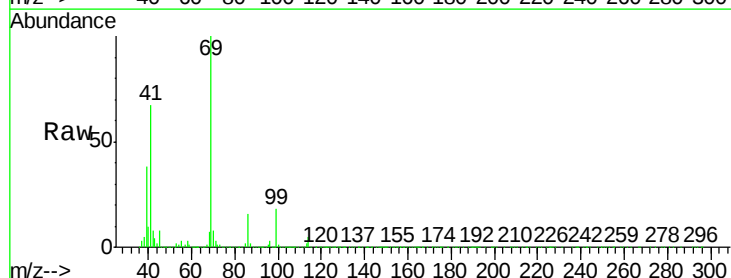
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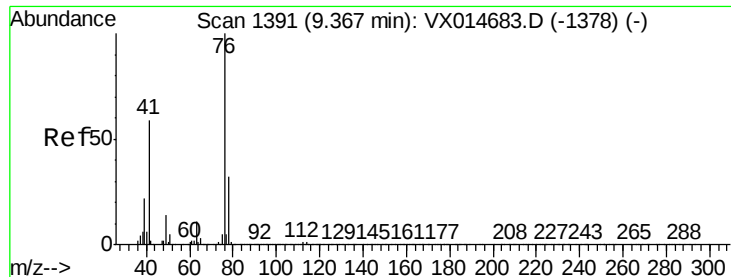
MMDadoda
 1/31/2020 10:52:14 AM



#56
 Ethyl methacrylate
 Concen: 19.056 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014771.D
 Acq: 30 Jan 2020 11:50

Tgt Ion:	69	Resp:	133253
Ion	Ratio	Lower	Upper
69	100		
41	69.6	54.9	82.3
39	38.2	29.3	43.9





#57

1,3-Dichloropropane

Concen: 20.296 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014771.D

Acq: 30 Jan 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBSD01

Tot Ion: 76 Resp: 152255

Ion Ratio Lower Upper

76 100

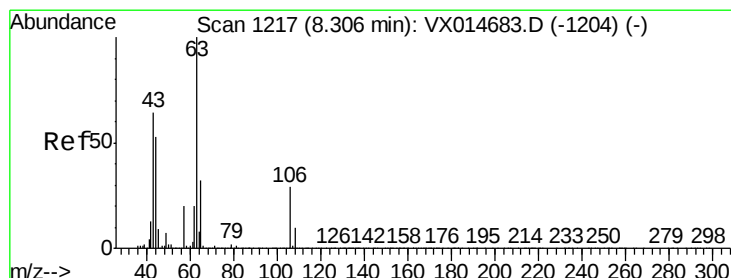
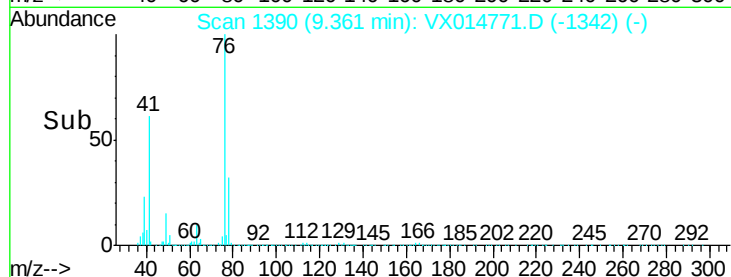
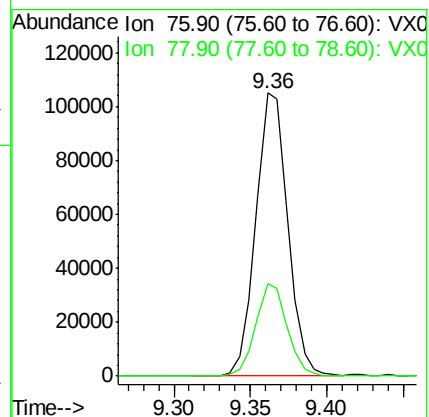
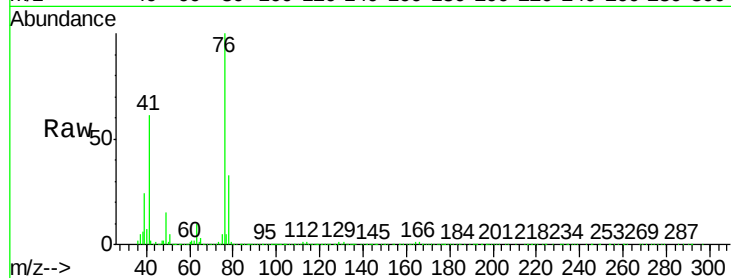
78 31.9 26.0 39.0

Manual Integrations

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1/31/2020 10:52:14 AM



#58

2-Chloroethyl Vinyl ether

Concen: 98.255 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014771.D

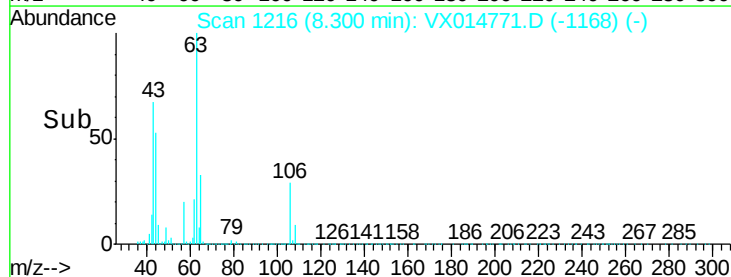
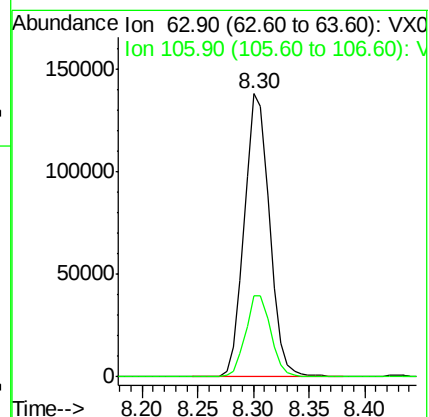
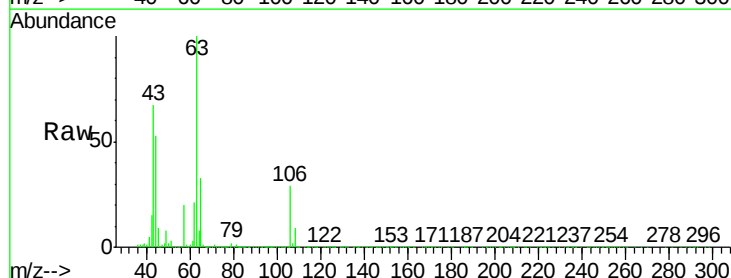
Acq: 30 Jan 2020 11:50

Tgt Ion: 63 Resp: 216847

Ion Ratio Lower Upper

63 100

106 29.1 22.7 34.1





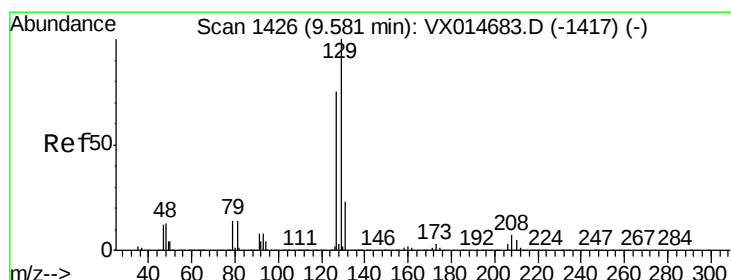
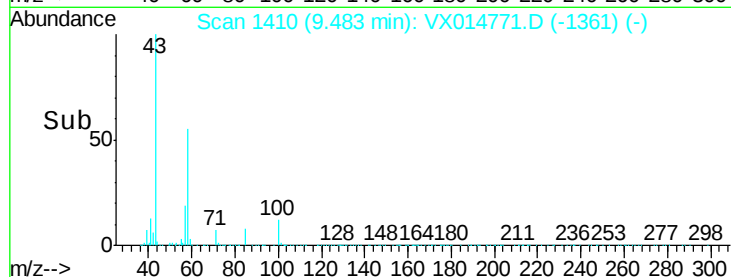
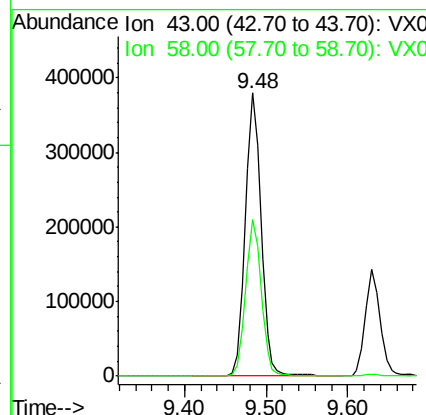
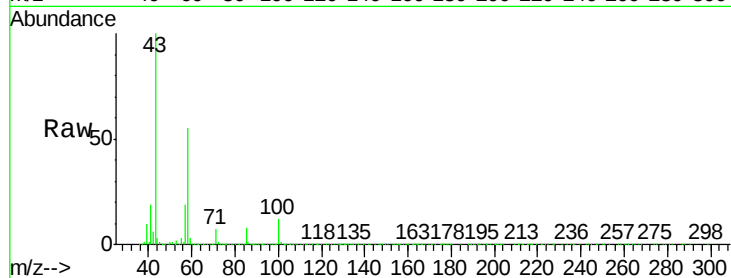
#59
2-Hexanone
Concen: 97.382 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014771.D
Acq: 30 Jan 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01

Tot Ion: 43 Resp: 504817
Ion Ratio Lower Upper
43 100
58 55.1 27.2 81.5

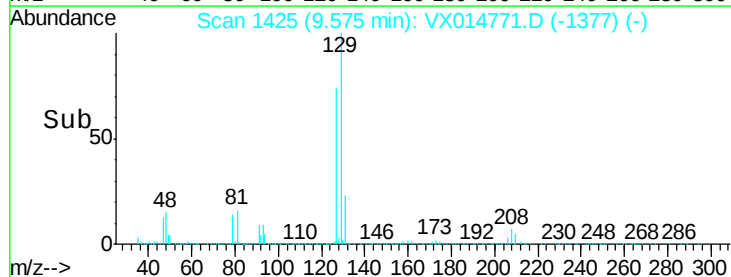
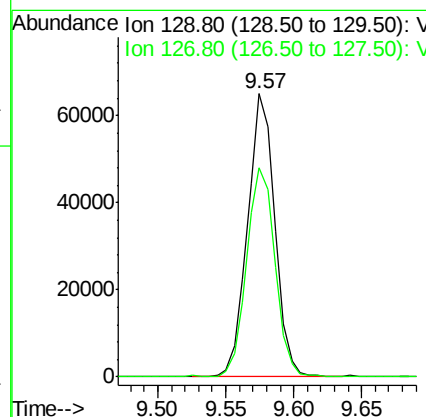
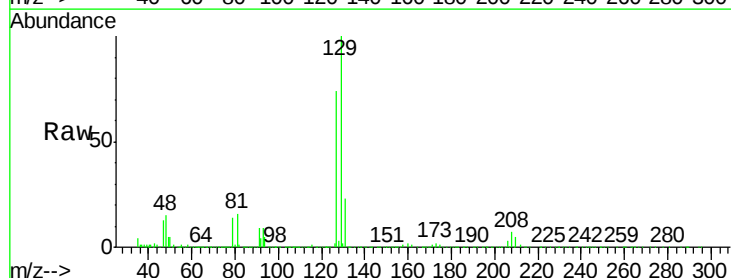
Manual Integrations
APPROVED

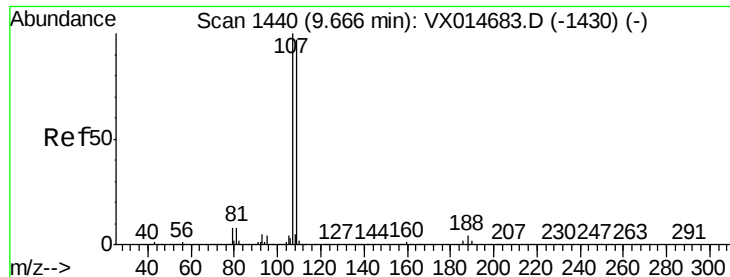
MMDadoda
1/31/2020 10:52:14 AM



#60
Dibromochloromethane
Concen: 19.974 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014771.D
Acq: 30 Jan 2020 11:50

Tgt Ion: 129 Resp: 91491
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.024 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014771.D

Acq: 30 Jan 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBSD01

Tot Ion: 107 Resp: 92908

Ion Ratio Lower Upper

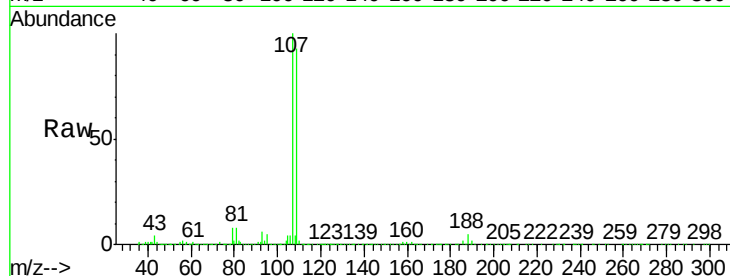
107 100

109 94.8 76.2 114.2

Manual Integrations
APPROVED

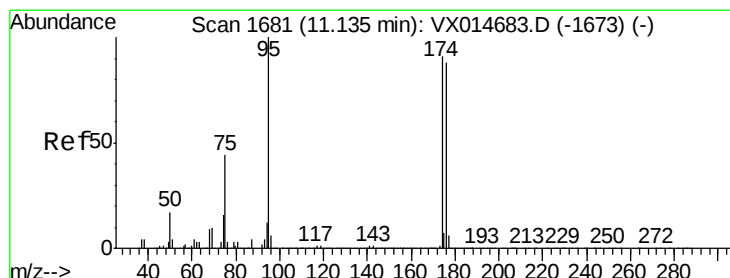
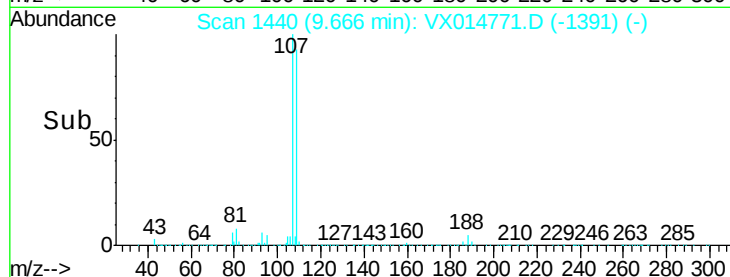
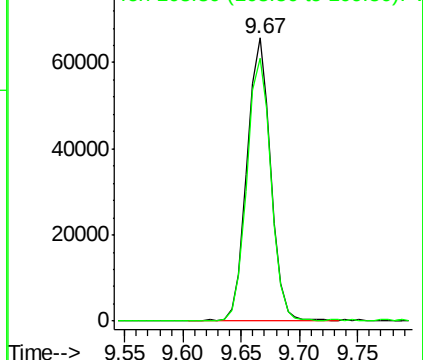
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.564 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014771.D

Acq: 30 Jan 2020 11:50

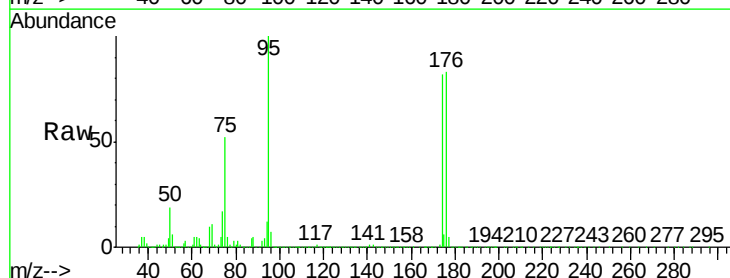
Tgt Ion: 95 Resp: 254873

Ion Ratio Lower Upper

95 100

174 89.5 0.0 176.0

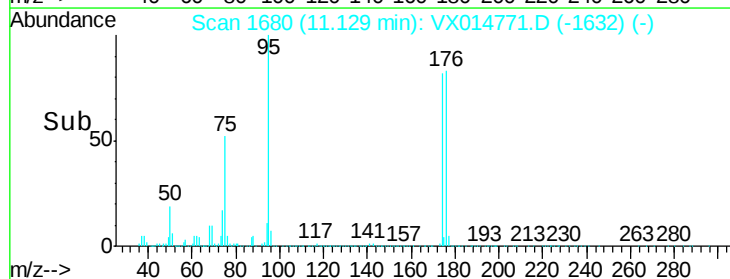
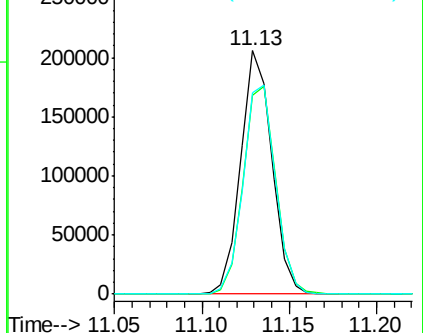
176 89.0 0.0 172.2

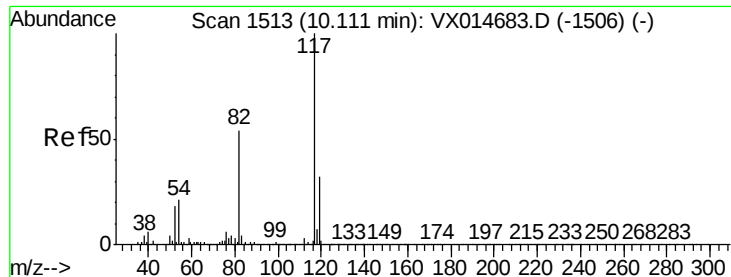


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





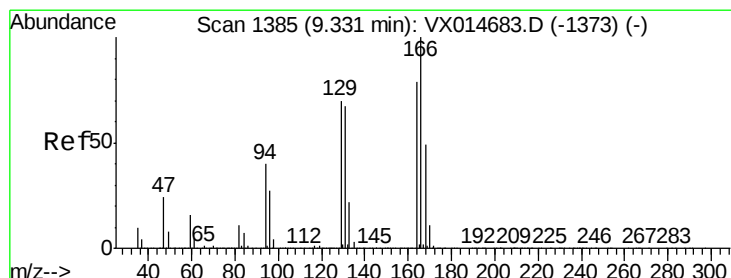
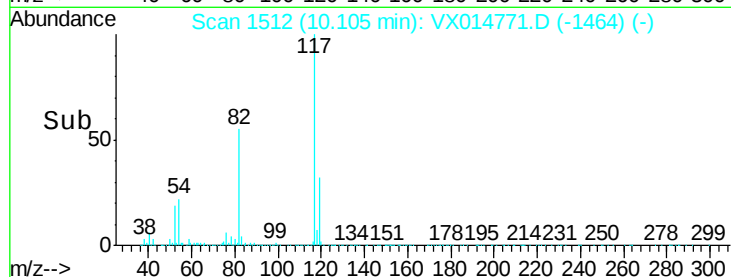
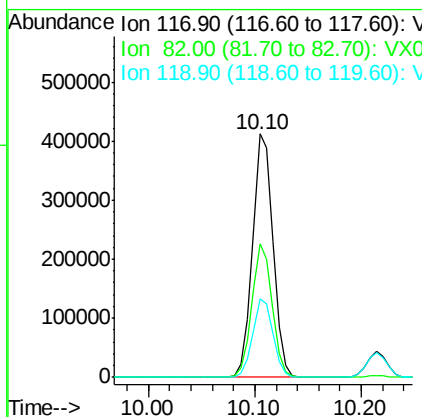
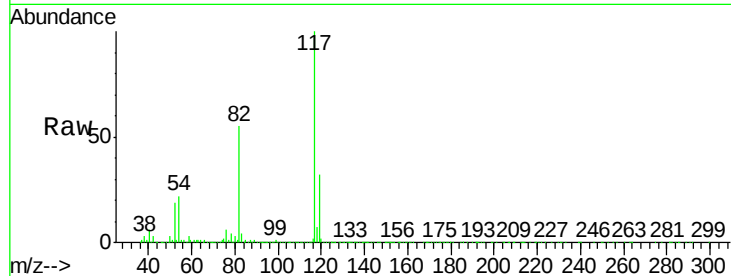
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014771.D
Acq: 30 Jan 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.6	43.2	64.8
119	32.2	25.8	38.6

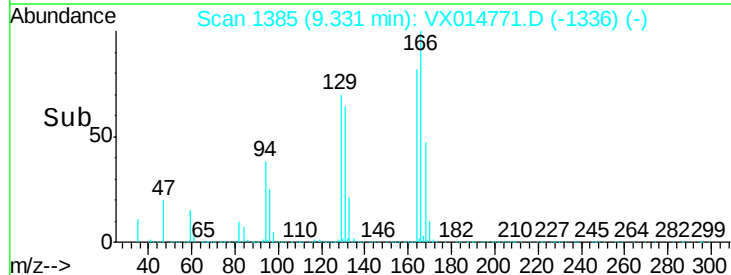
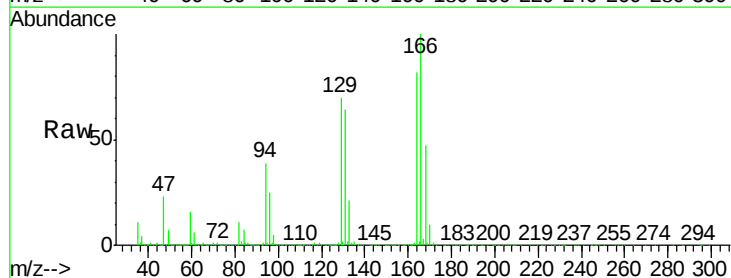
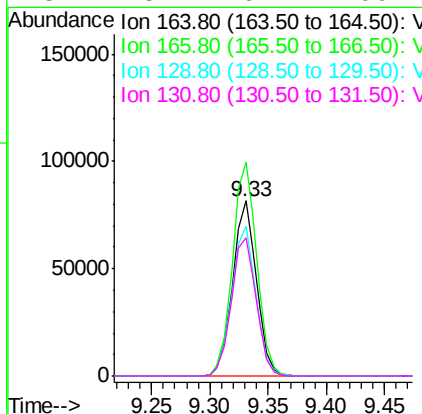
Manual Integrations
APPROVED

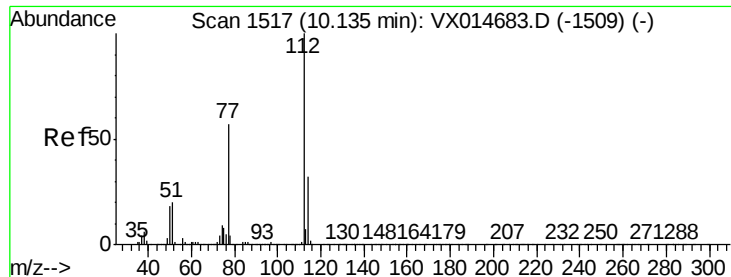
MMDadoda
1/31/2020 10:52:14 AM



#64
Tetrachloroethene
Concen: 21.018 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014771.D
Acq: 30 Jan 2020 11:50

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.0	100.9	151.3
129	85.3	71.0	106.6
131	78.7	67.1	100.7





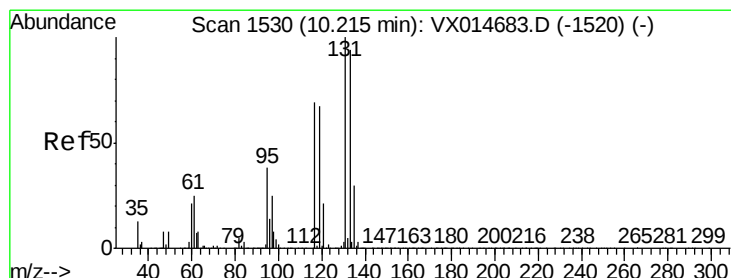
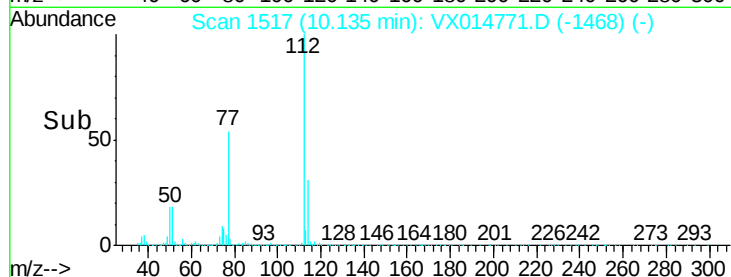
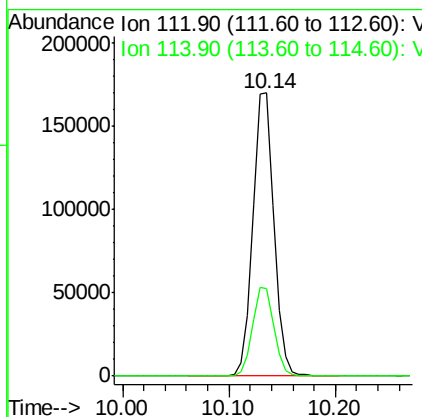
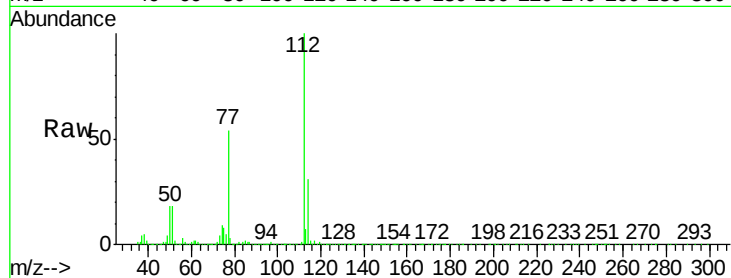
#65
Chlorobenzene
Concen: 19.948 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014771.D
Acq: 30 Jan 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.8	25.8	38.8

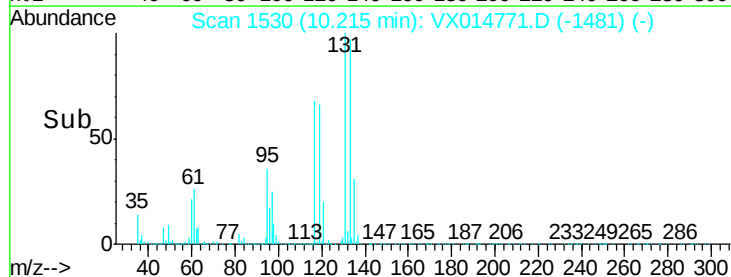
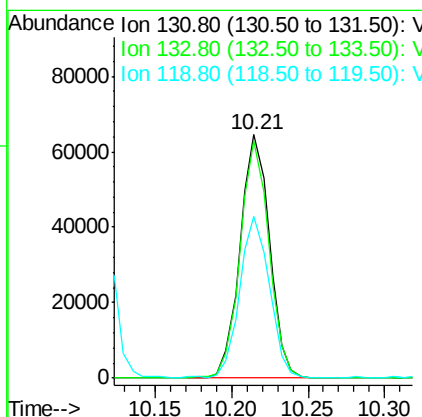
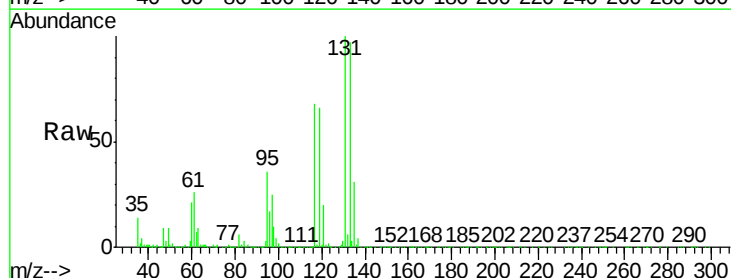
Manual Integrations
APPROVED

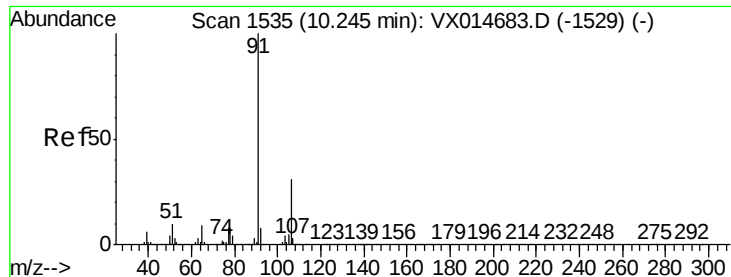
MMDadoda
1/31/2020 10:52:14 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.538 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014771.D
Acq: 30 Jan 2020 11:50

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.8	47.4	142.3
119	66.4	33.3	99.8





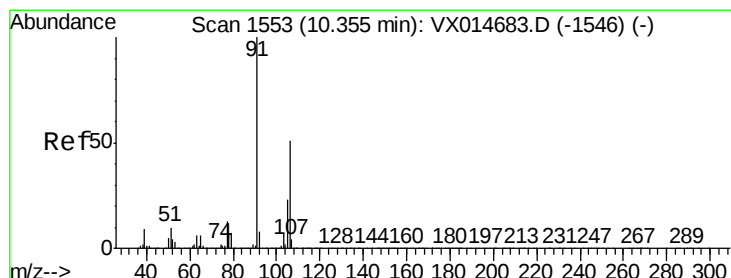
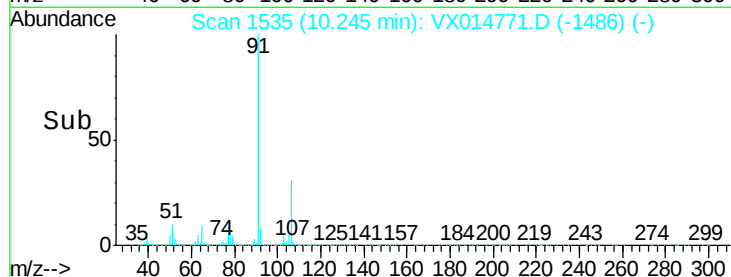
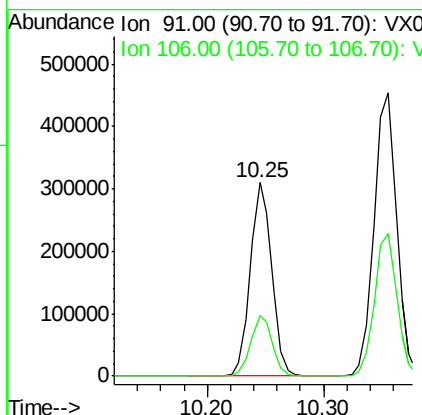
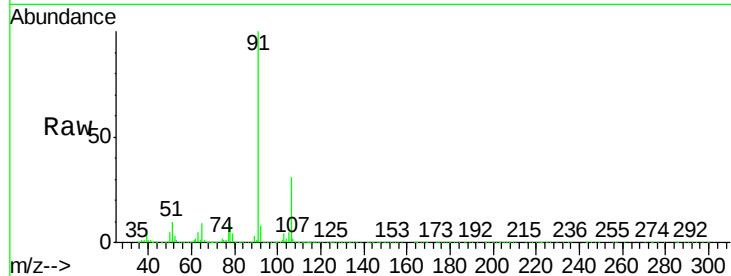
#67
Ethyl Benzene
Concen: 19.616 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014771.D
Acq: 30 Jan 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01

Tot Ion: 91 Resp: 399482
Ion Ratio Lower Upper
91 100
106 31.3 24.9 37.3

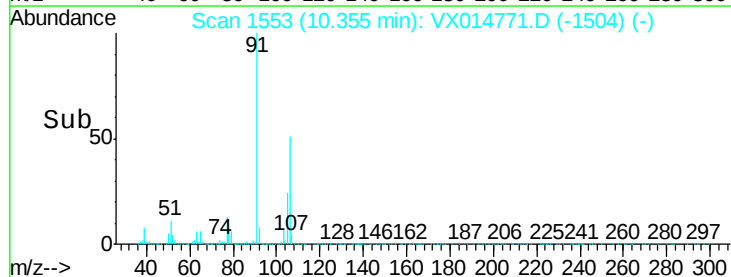
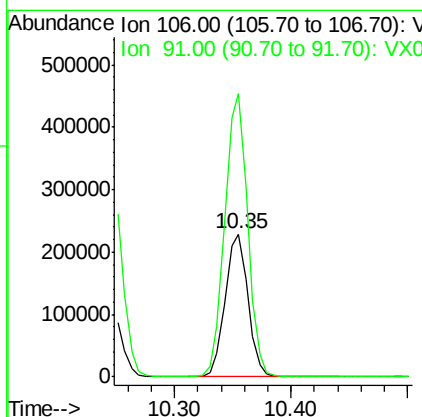
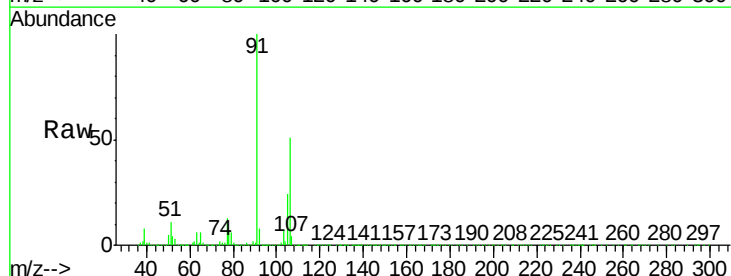
Manual Integrations
APPROVED

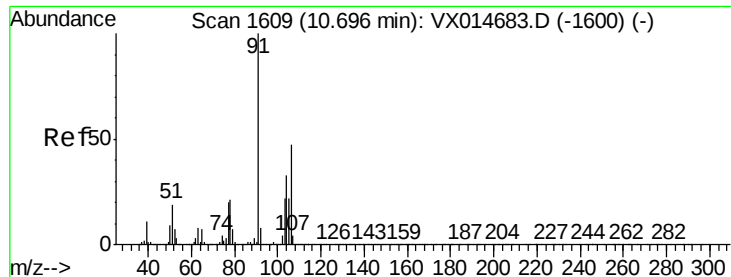
MMDadoda
1/31/2020 10:52:14 AM



#68
m/p-Xylenes
Concen: 40.123 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014771.D
Acq: 30 Jan 2020 11:50

Tgt Ion: 106 Resp: 309560
Ion Ratio Lower Upper
106 100
91 198.9 159.4 239.2





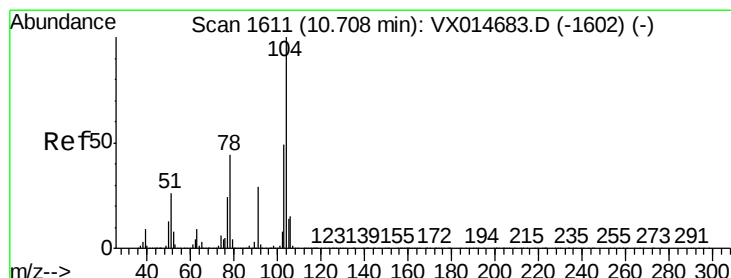
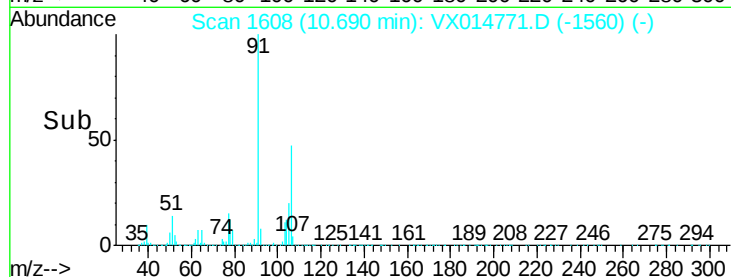
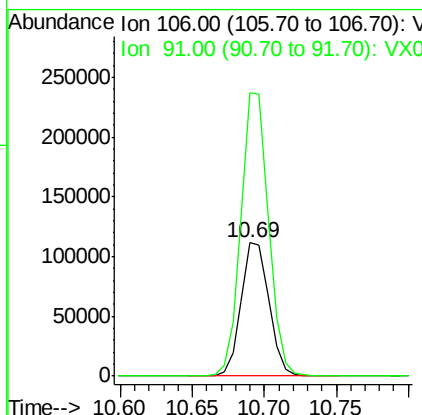
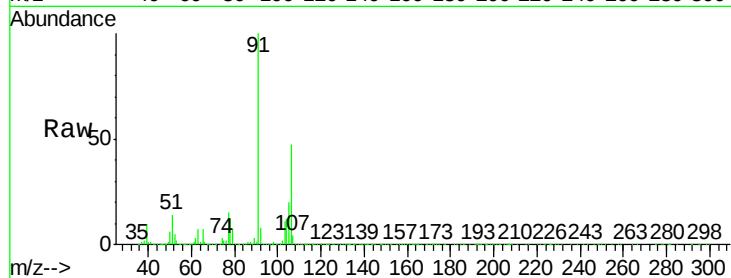
#69
o-Xylene
Concen: 20.060 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014771.D
Acq: 30 Jan 2020 11:50

Instrument :
MSVOA_X
ClientSampleID :
VX0130WBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.7	106.2	318.6

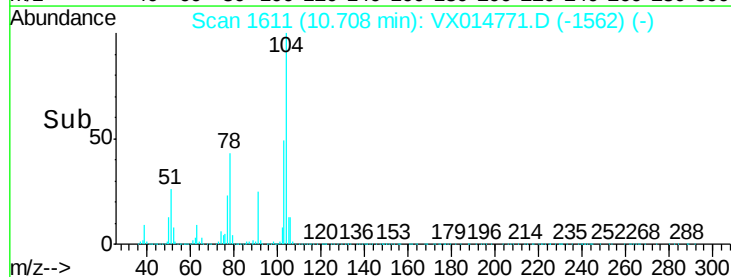
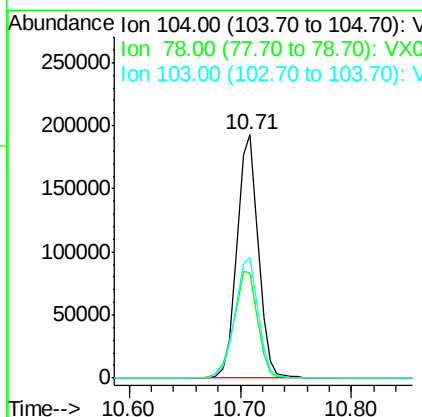
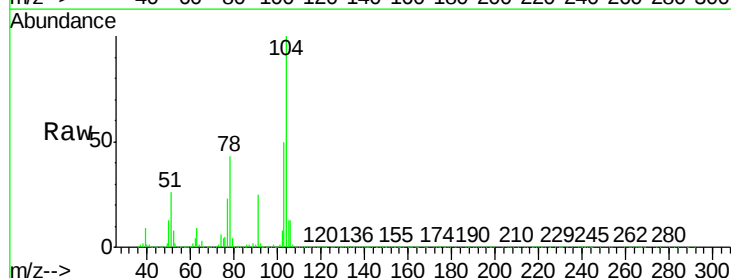
Manual Integrations
APPROVED

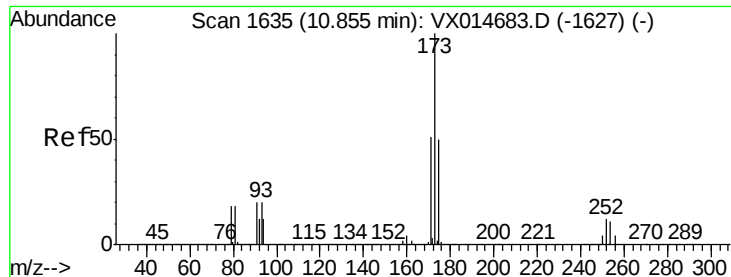
MMDadoda
1/31/2020 10:52:14 AM



#70
Styrene
Concen: 20.429 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014771.D
Acq: 30 Jan 2020 11:50

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.4	39.3	58.9
103	54.6	43.5	65.3





#71

Bromoform

Concen: 19.688 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX014771.D

Acq: 30 Jan 2020 11:50

Instrument :

MSVOA_X

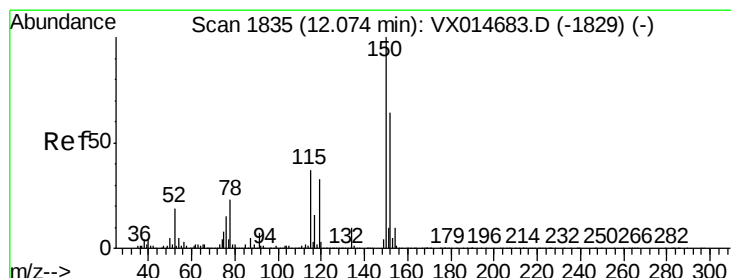
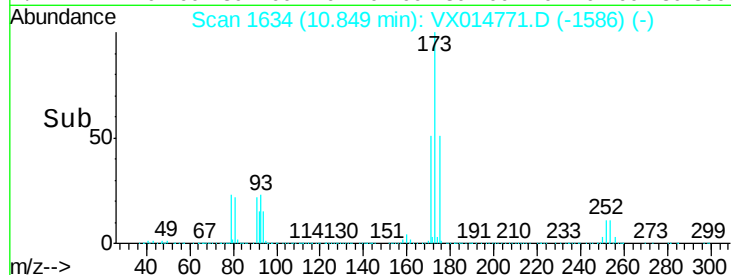
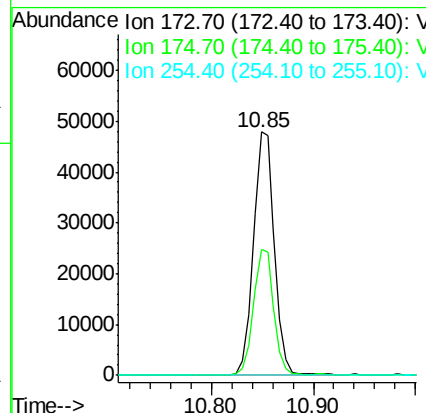
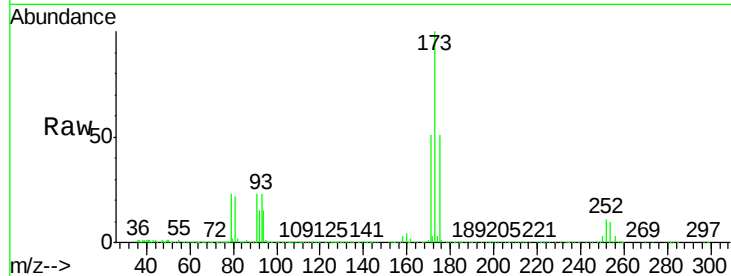
ClientSampleId :

VX0130WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.9	24.6	73.6
254	0.5	0.1	0.1#

Manual Integrations
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1/31/2020 10:52:14 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

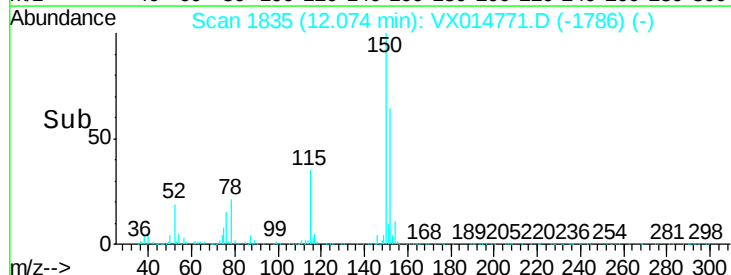
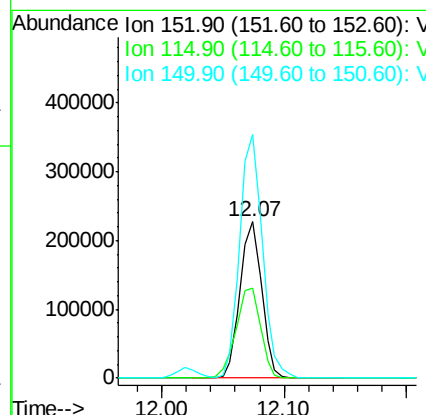
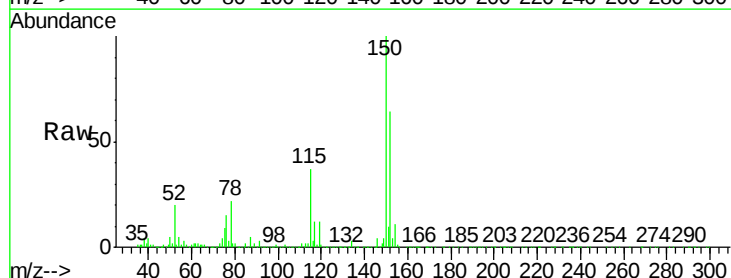
RT: 12.07 min Scan# 1835

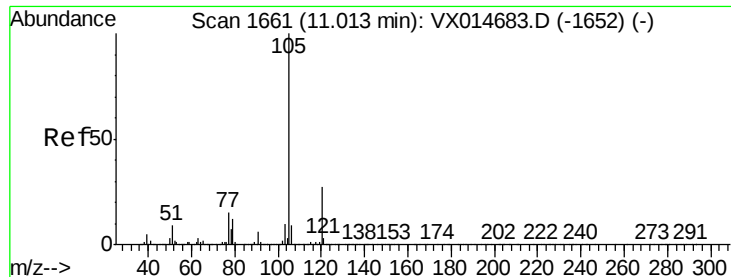
Delta R.T. 0.00 min

Lab File: VX014771.D

Acq: 30 Jan 2020 11:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.4	39.4	118.1
150	163.1	0.0	351.2





#73

Isopropylbenzene

Concen: 20.490 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014771.D

Acq: 30 Jan 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBSD01

Tot Ion: 105 Resp: 399505

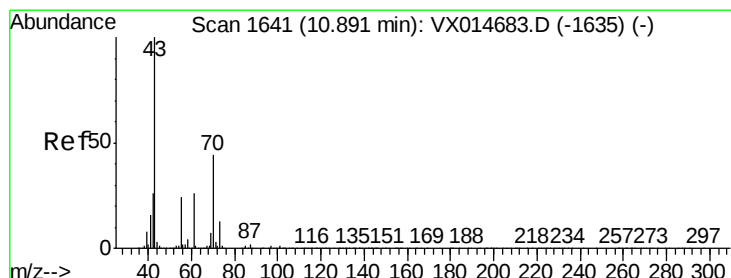
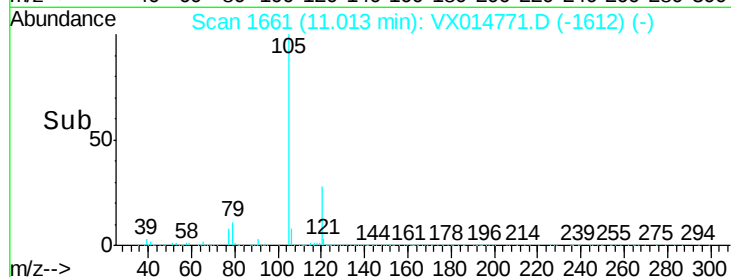
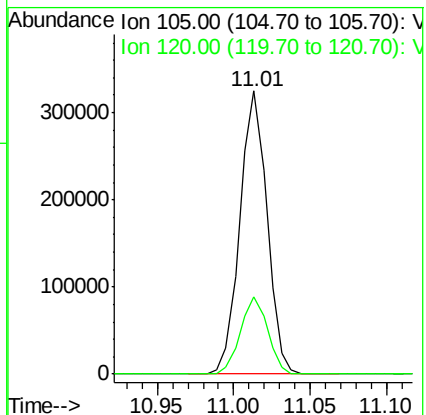
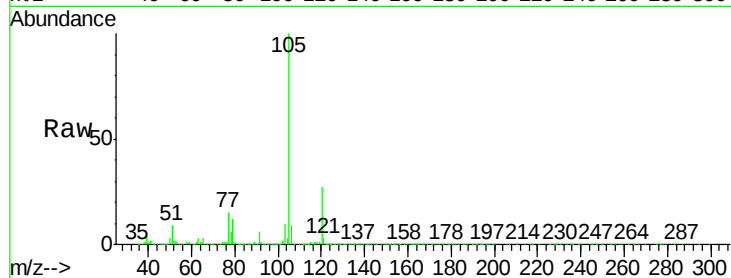
Ion Ratio Lower Upper

105 100

120 27.5 13.5 40.5

Manual Integrations
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#74

N-ethyl acetate

Concen: 19.649 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014771.D

Acq: 30 Jan 2020 11:50

Tgt Ion: 43 Resp: 167881

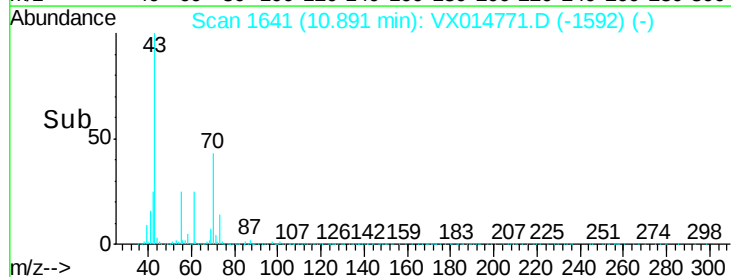
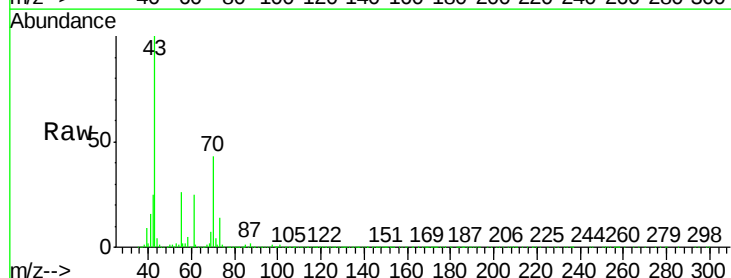
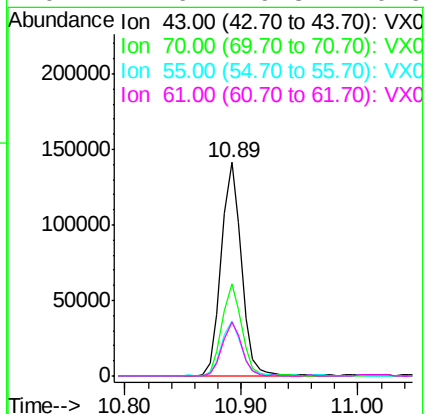
Ion Ratio Lower Upper

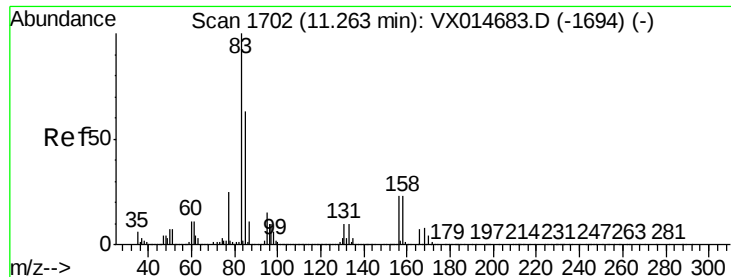
43 100

70 43.3 34.6 52.0

55 26.0 19.4 29.2

61 24.6 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.999 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014771.D

Acq: 30 Jan 2020 11:50

Instrument :

MSVOA_X

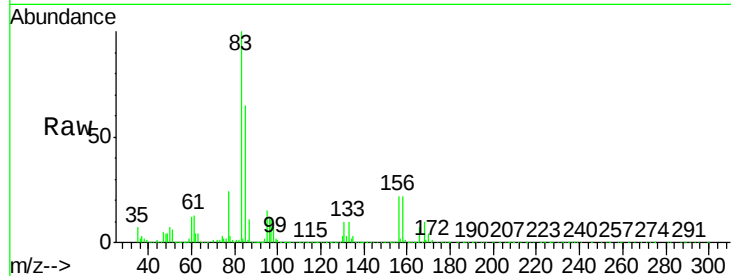
ClientSampled :

VX0130WBSD01

Tot Ion:	83	Resp:	132267
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.0	15.0
85	64.4	31.7	95.1

Manual Integrations
APPROVED

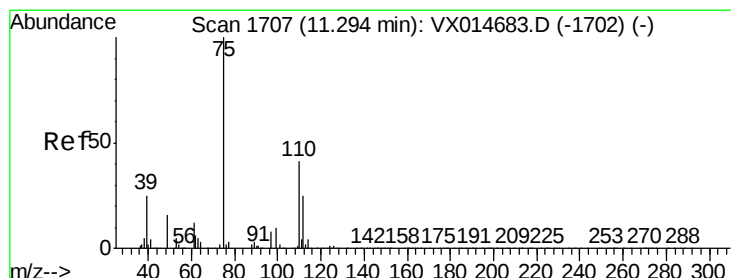
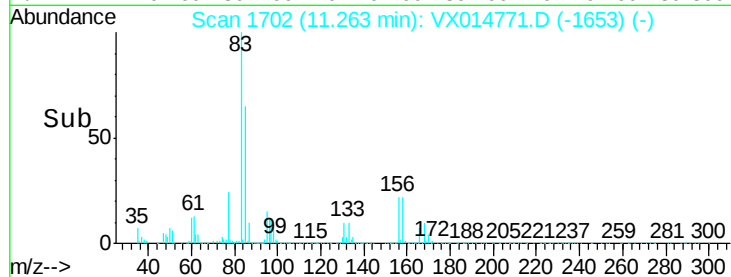
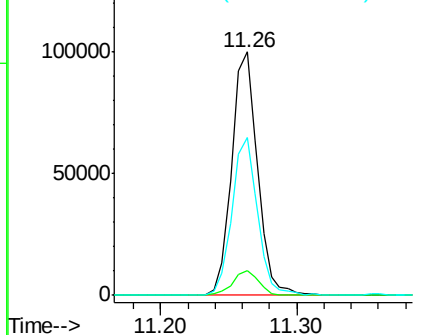
MMDadoda
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 17.546 ug/l m

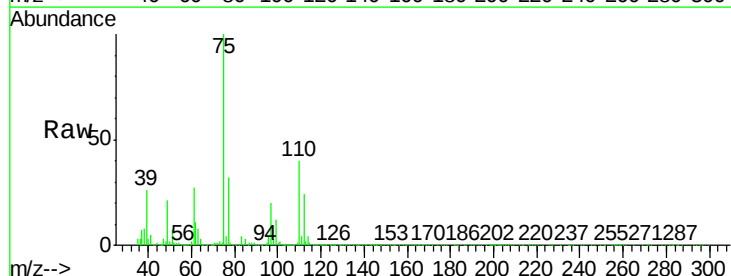
RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014771.D

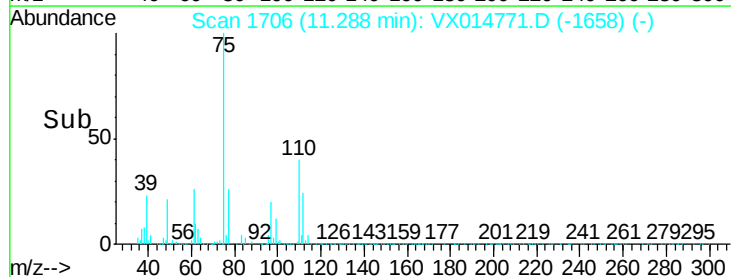
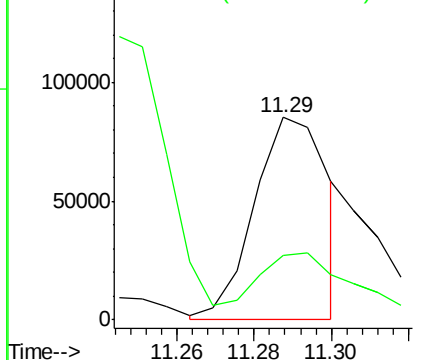
Acq: 30 Jan 2020 11:50

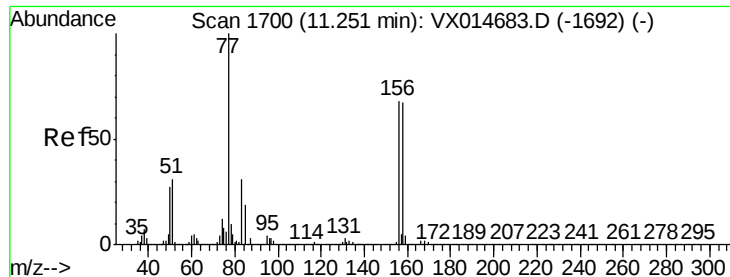
Tgt Ion:	75	Resp:	113201
Ion Ratio	Lower	Upper	
75	100		
77	44.0	18.7	56.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.058 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014771.D

Acq: 30 Jan 2020 11:50

Instrument :

MSVOA_X

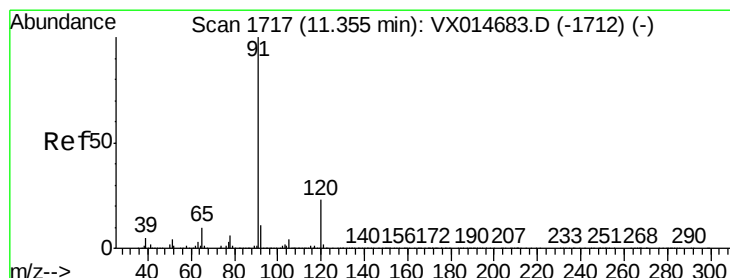
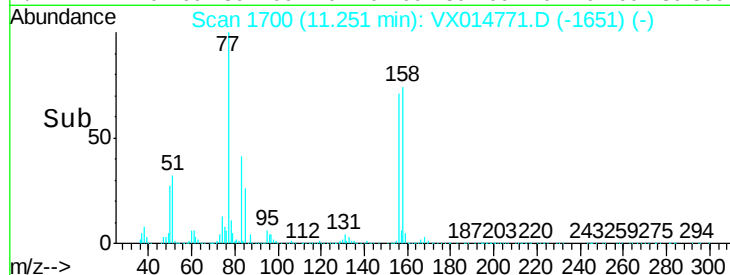
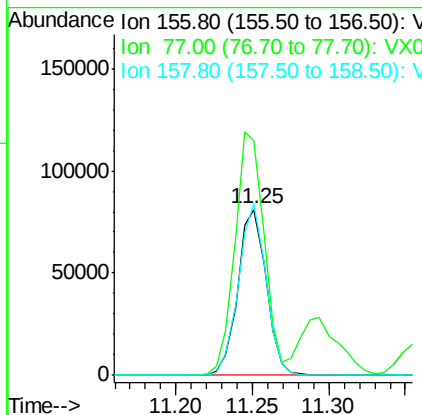
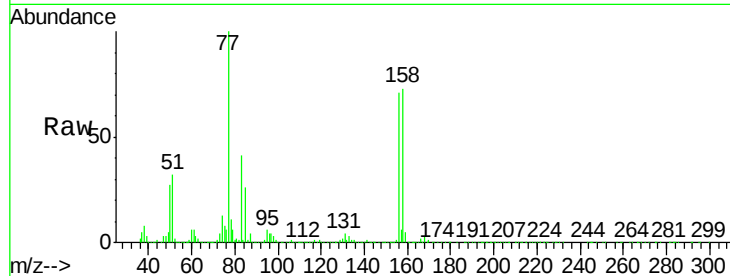
ClientSampleId :

VX0130WBSD01

Tot Ion:	156	Resp:	105063
Ion Ratio	Lower	Upper	
156	100		
77	149.1	77.5	232.5
158	99.4	49.1	147.3

Manual Integrations
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#78

n-propylbenzene

Concen: 20.514 ug/l

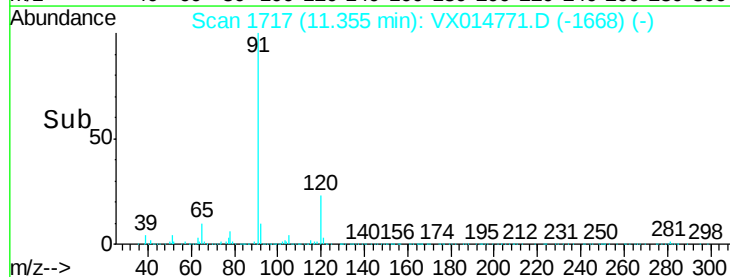
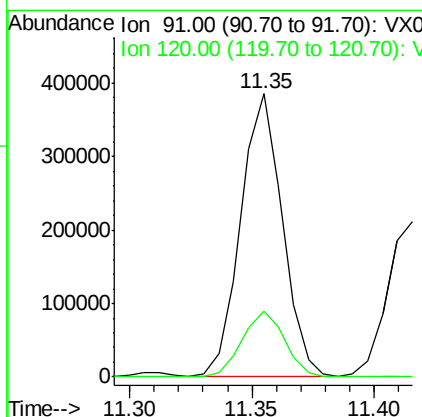
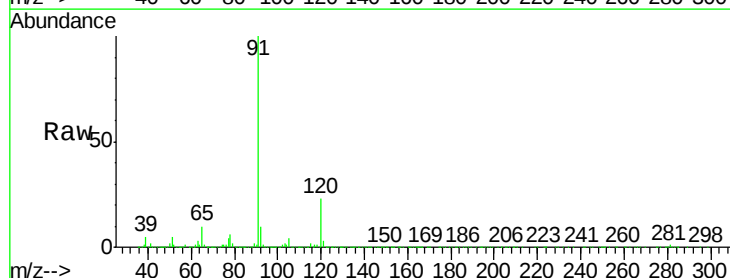
RT: 11.35 min Scan# 1717

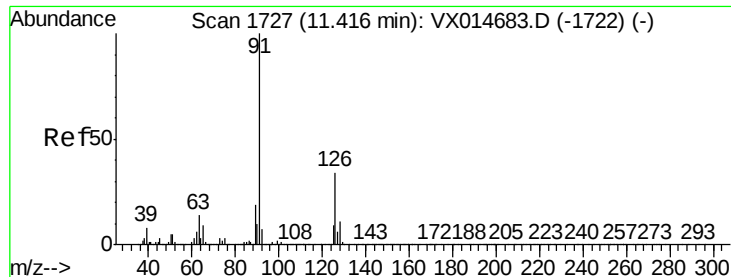
Delta R.T. 0.00 min

Lab File: VX014771.D

Acq: 30 Jan 2020 11:50

Tgt Ion:	91	Resp:	454008
Ion Ratio	Lower	Upper	
91	100		
120	24.0	11.7	35.0





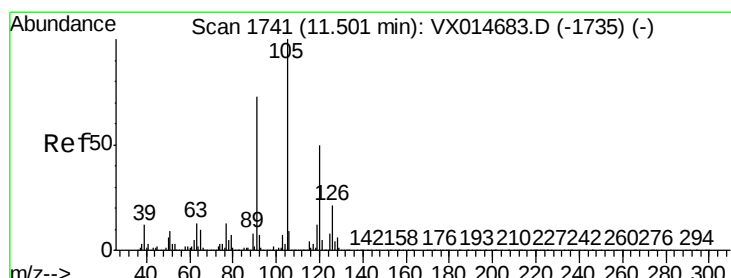
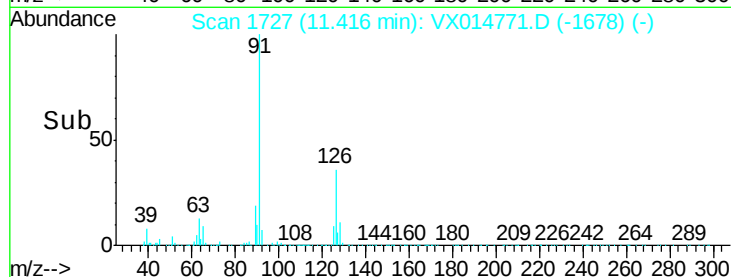
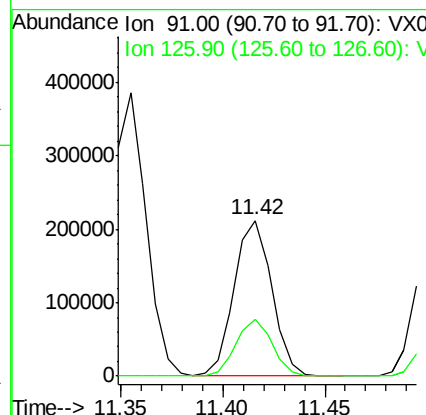
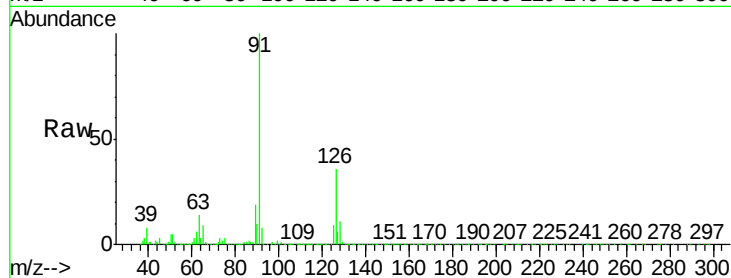
#79
2-Chlorotoluene
Concen: 20.053 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX014771.D
Acq: 30 Jan 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01

Tot Ion: 91 Resp: 268533
Ion Ratio Lower Upper
91 100
126 35.5 17.3 51.9

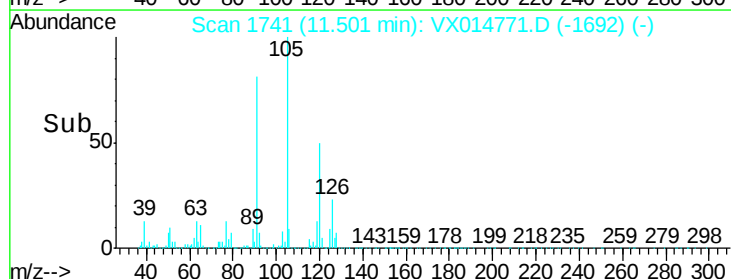
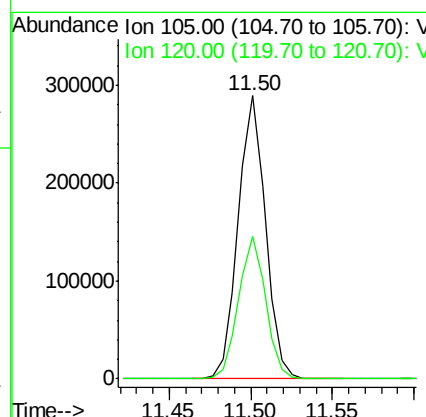
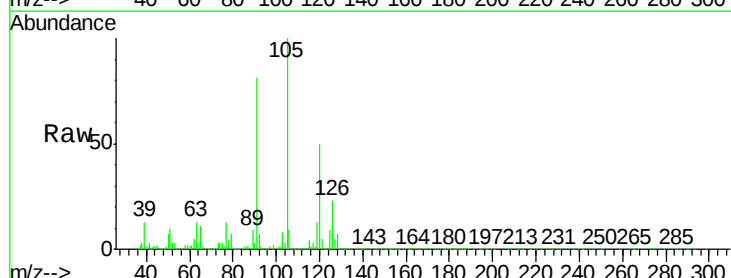
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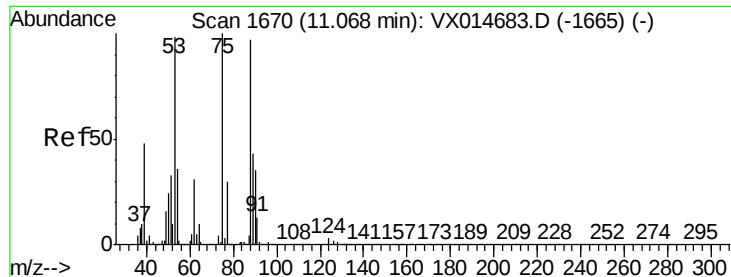
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 20.795 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014771.D
Acq: 30 Jan 2020 11:50

Tgt Ion: 105 Resp: 336511
Ion Ratio Lower Upper
105 100
120 50.0 24.9 74.6





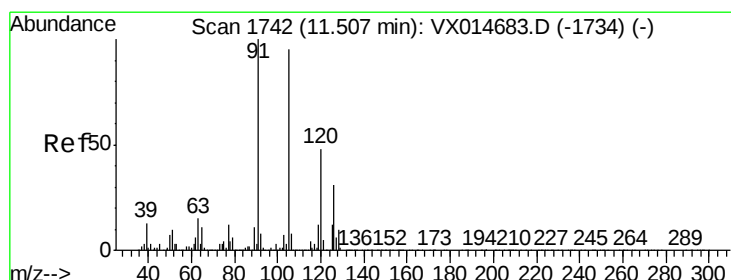
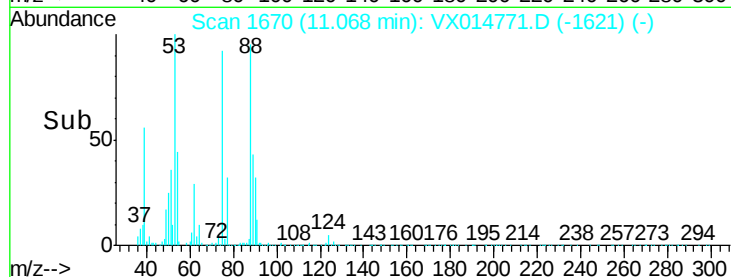
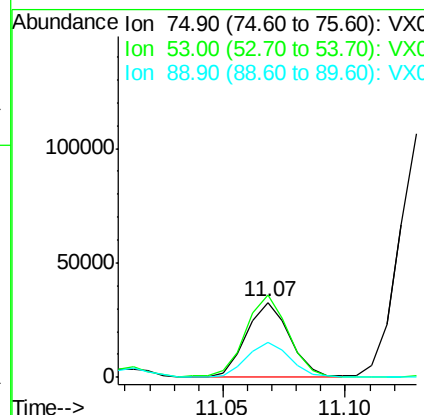
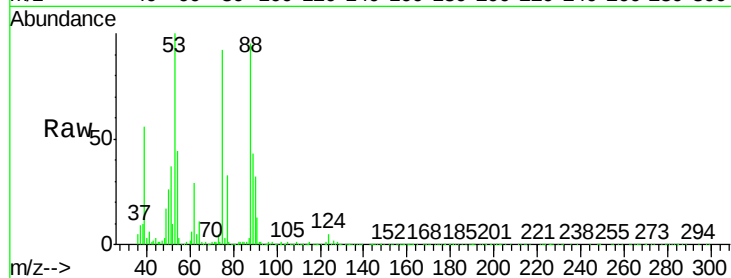
#81
trans-1,4-Dichloro-2-butene
Concen: 17.684 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014771.D
Acq: 30 Jan 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	107.2	78.8	118.2
89	45.8	35.4	53.0

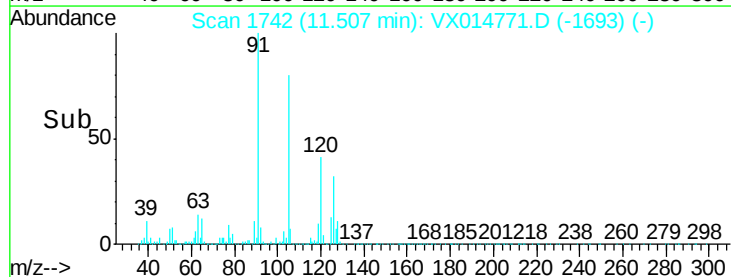
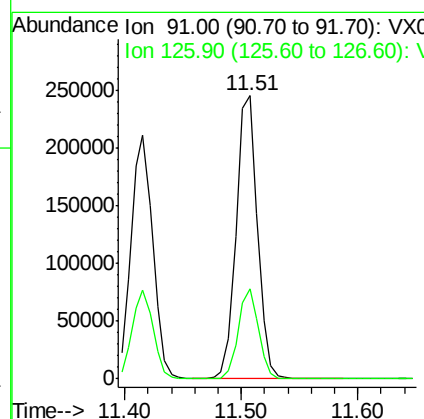
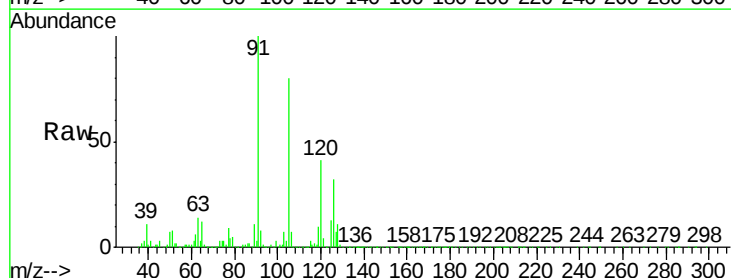
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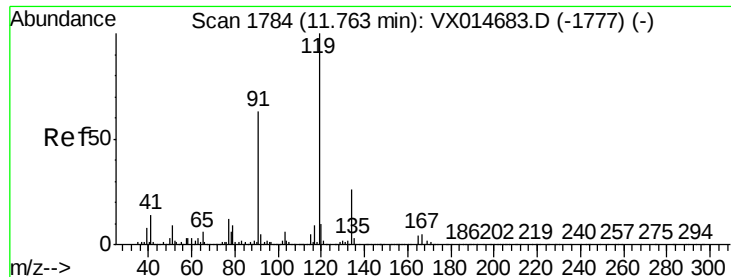
MMDadoda
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#82
4-Chlorotoluene
Concen: 20.509 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014771.D
Acq: 30 Jan 2020 11:50

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.3	15.4	46.4





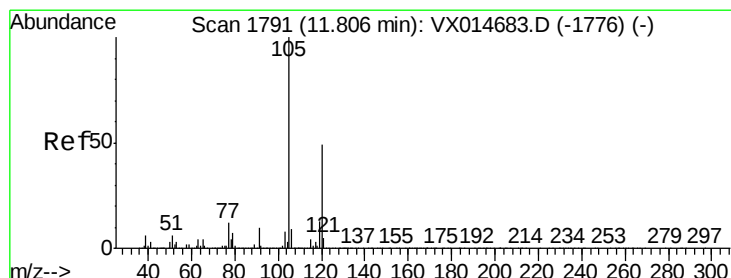
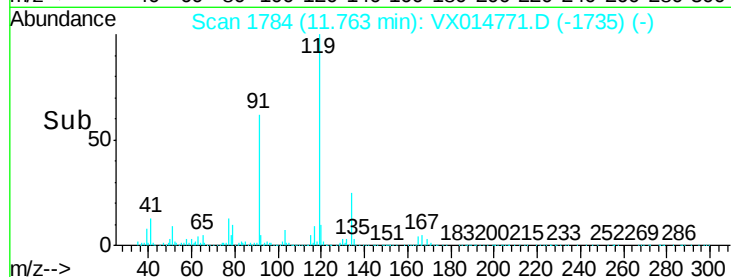
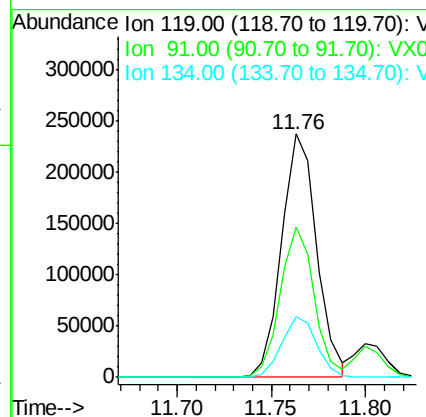
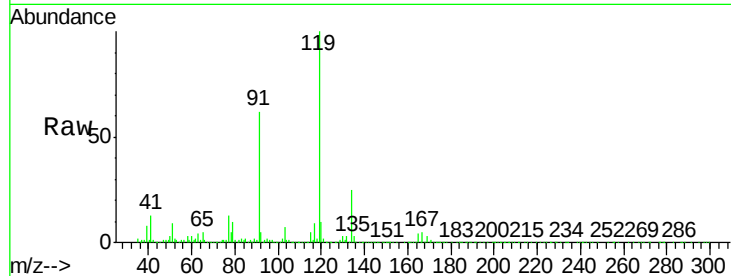
#83
tert-Butylbenzene
Concen: 20.125 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014771.D
Acq: 30 Jan 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	306029		
91	59.7		30.0	90.0
134	25.2		12.7	38.0

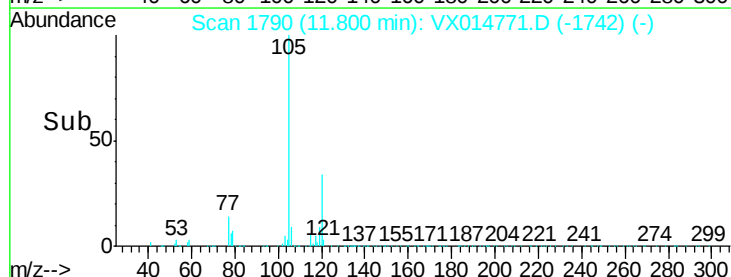
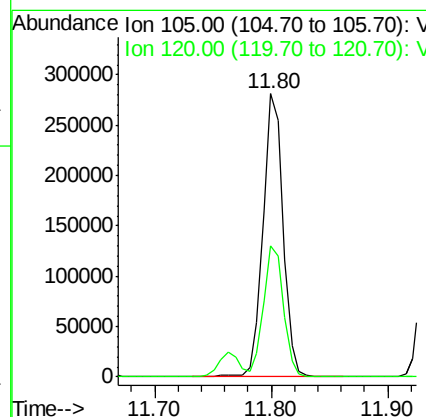
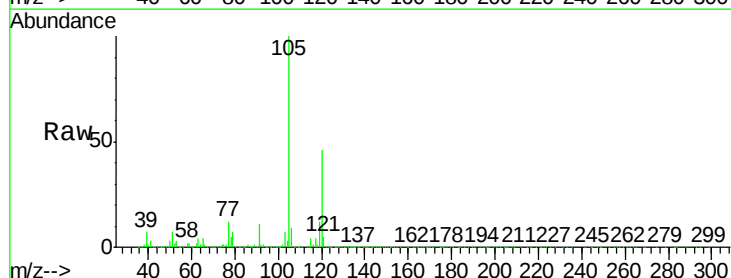
Manual Integrations
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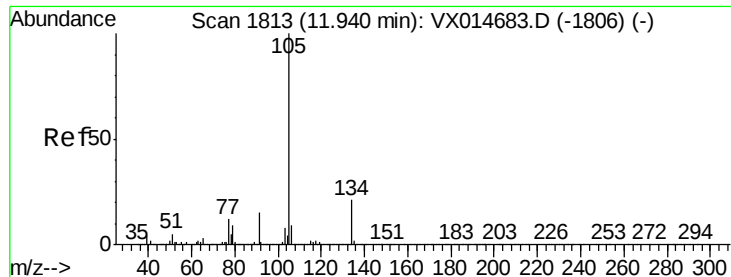
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#84
1,2,4-Trimethylbenzene
Concen: 20.927 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX014771.D
Acq: 30 Jan 2020 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	339679		
120	45.9		23.4	70.0





#85

sec-Butylbenzene

Concen: 21.012 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014771.D

Acq: 30 Jan 2020 11:50

Instrument :

MSVOA_X

ClientSampled :

VX0130WBSD01

Tot Ion:105 Resp: 391429

Ion Ratio Lower Upper

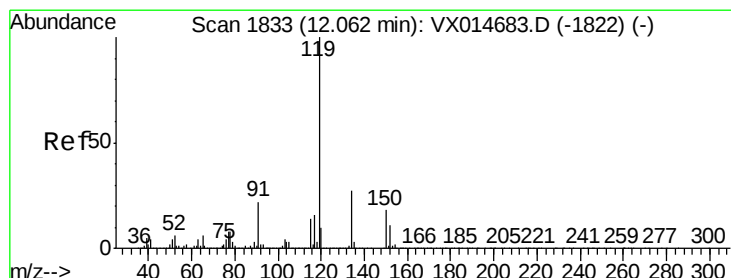
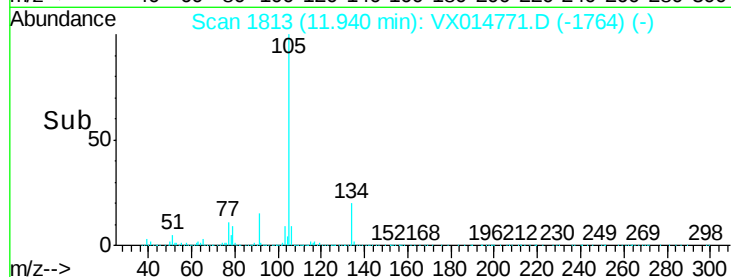
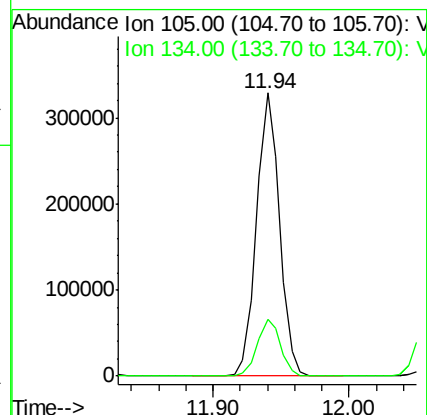
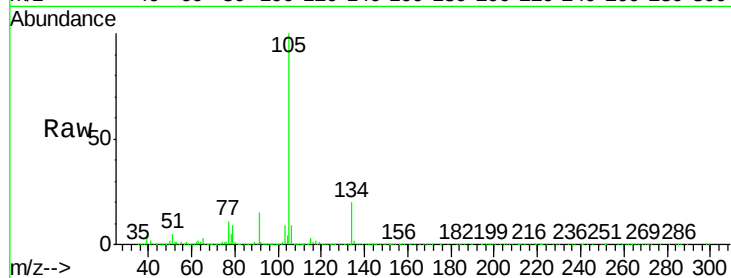
105 100

134 20.3 10.3 30.8

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#86

p-Isopropyltoluene

Concen: 20.743 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014771.D

Acq: 30 Jan 2020 11:50

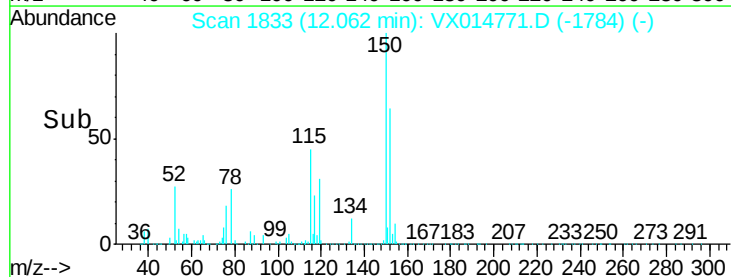
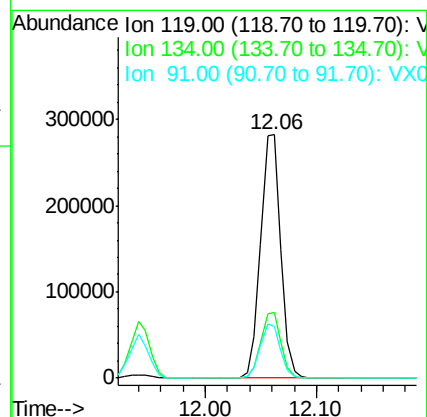
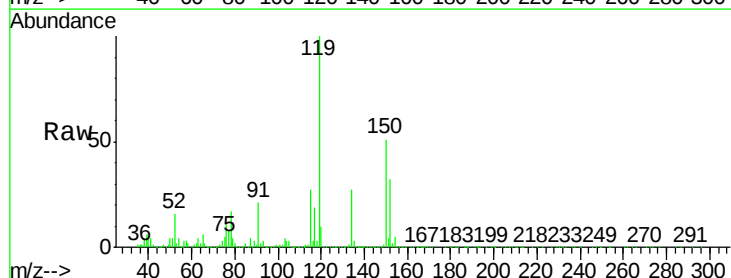
Tgt Ion:119 Resp: 357107

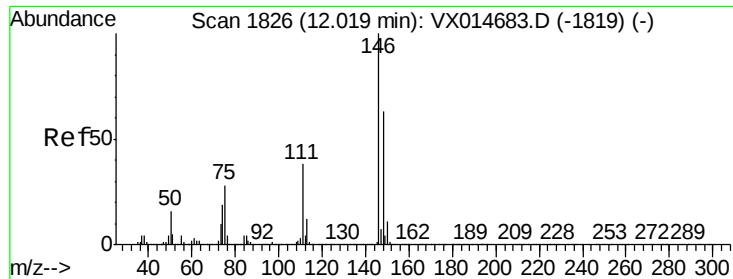
Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.4

91 22.3 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 19.733 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014771.D

Acq: 30 Jan 2020 11:50

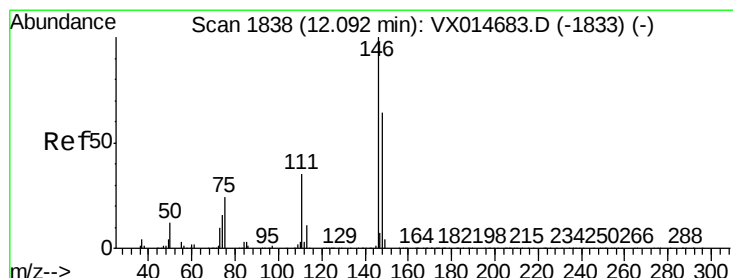
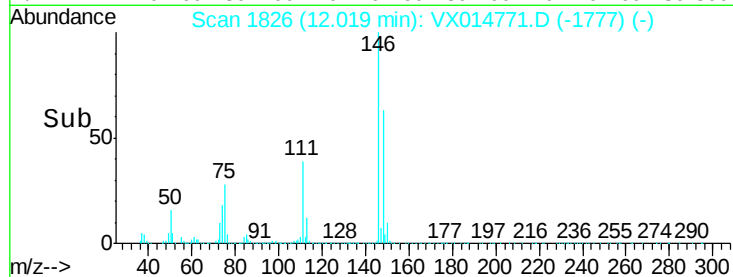
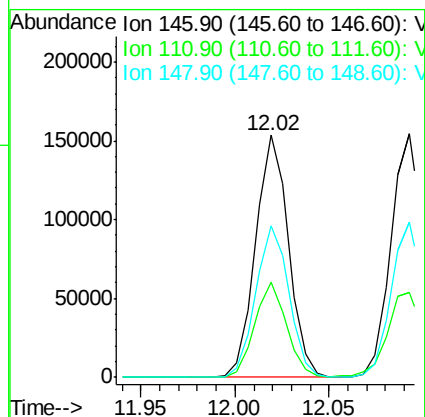
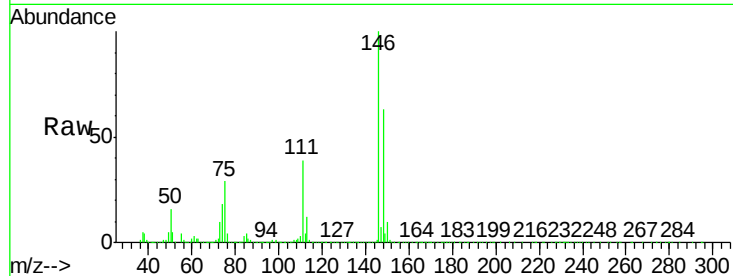
Instrument :
MSVOA_X

ClientSampleId :
VX0130WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.0	57.0
148	63.5	31.6	95.0

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 20.025 ug/l

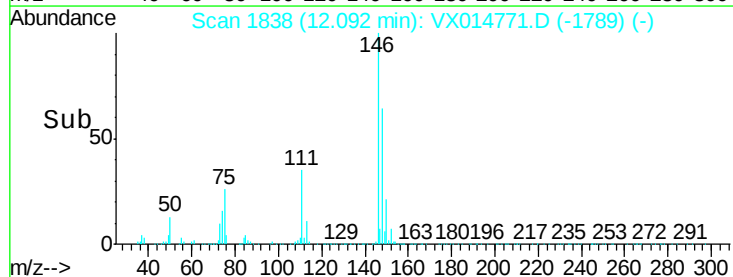
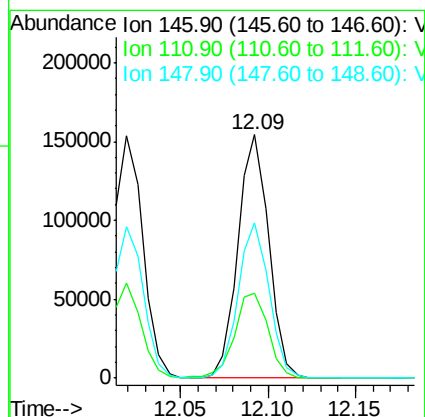
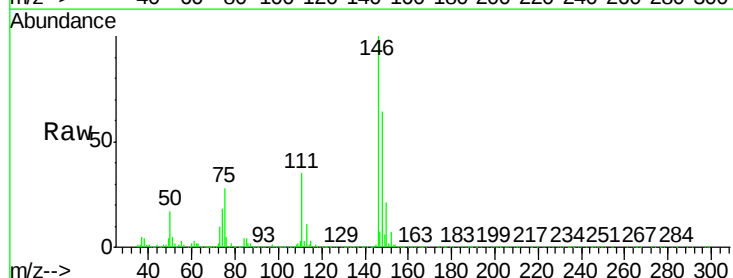
RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX014771.D

Acq: 30 Jan 2020 11:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.6	55.8
148	63.9	32.0	96.2





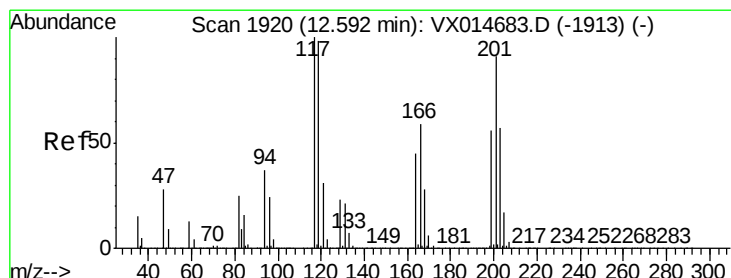
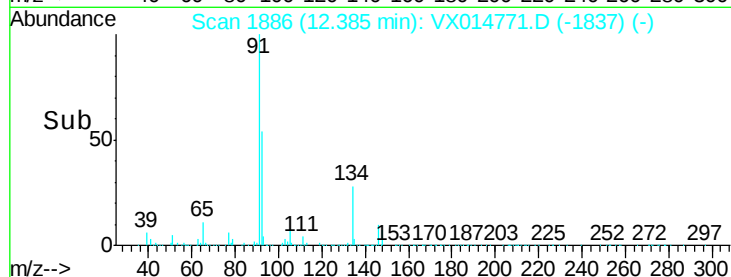
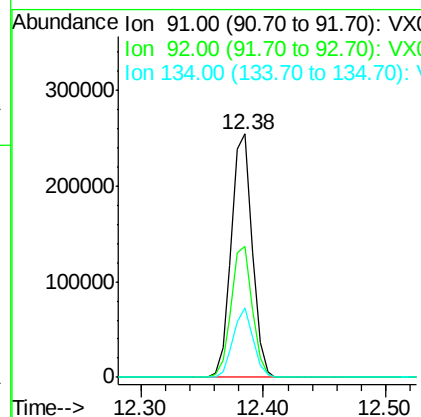
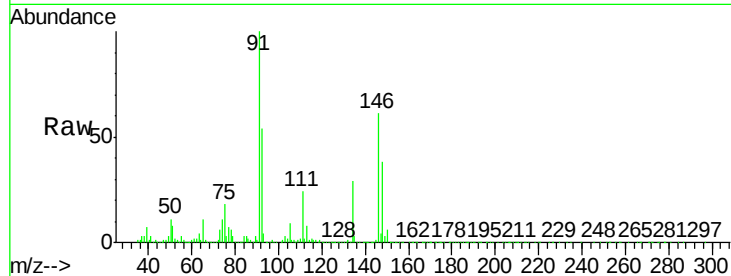
#89
n-Butylbenzene
Concen: 20.020 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014771.D
Acq: 30 Jan 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.6	82.7
134	27.0	13.3	39.8

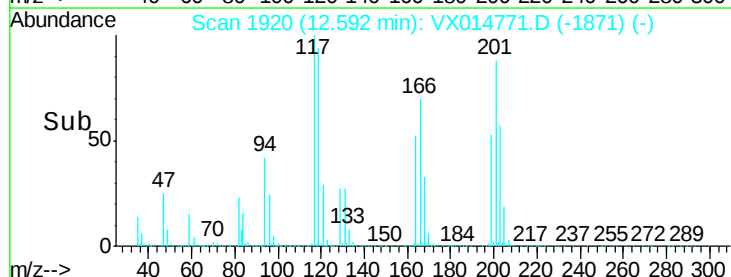
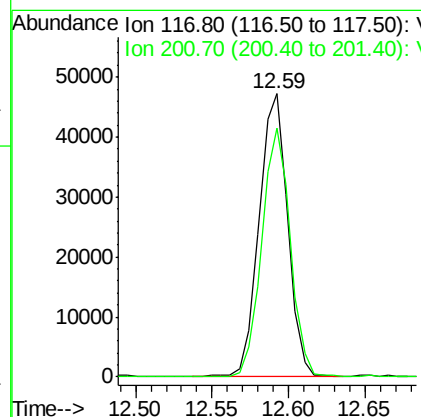
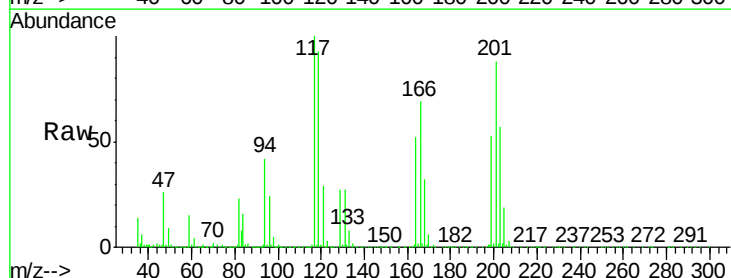
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#90
Hexachloroethane
Concen: 19.209 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014771.D
Acq: 30 Jan 2020 11:50

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.6	44.4	133.1





#91

1,2-Dichlorobenzene

Concen: 20.237 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014771.D

Acq: 30 Jan 2020 11:50

Instrument :

MSVOA_X

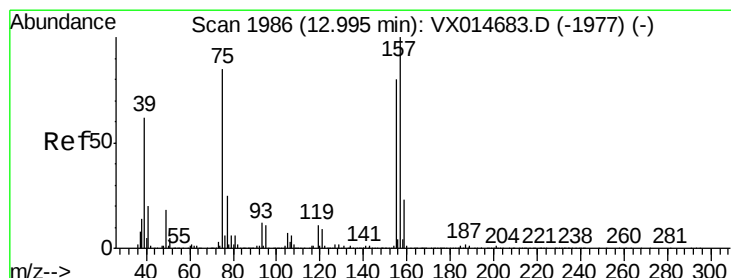
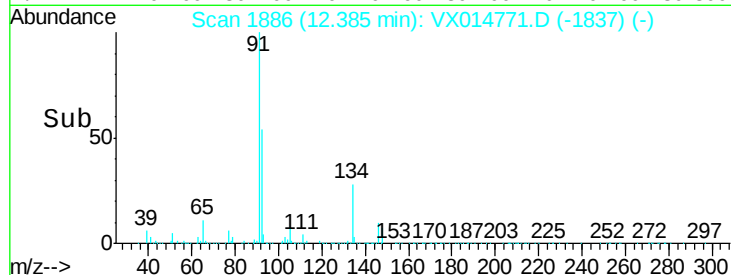
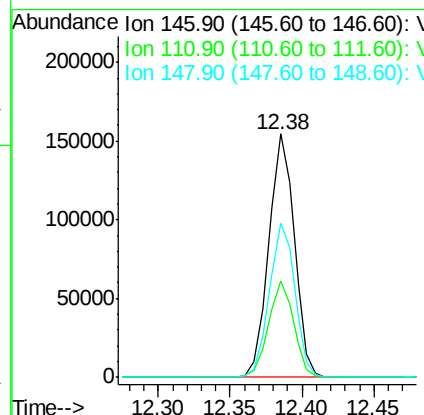
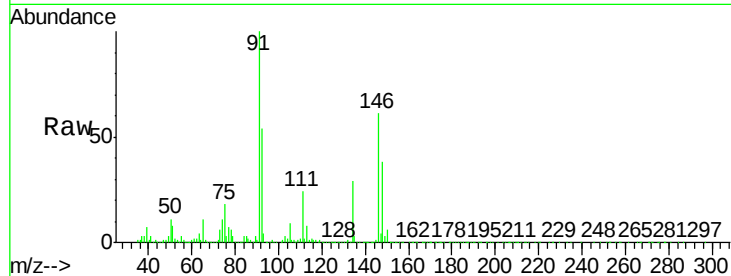
ClientSampleId :

VX0130WBSD01

Tot Ion:	146	Resp:	189210
Ion Ratio	Lower	Upper	
146	100		
111	39.0	19.6	58.8
148	63.4	31.9	95.9

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 18.993 ug/l

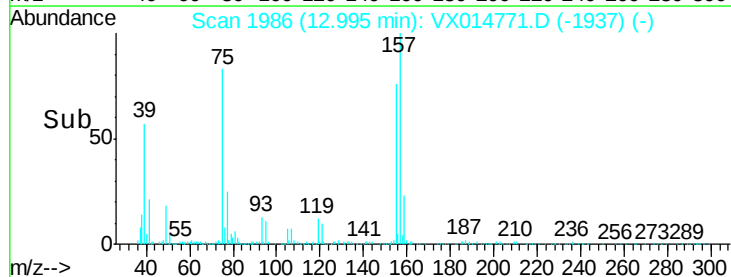
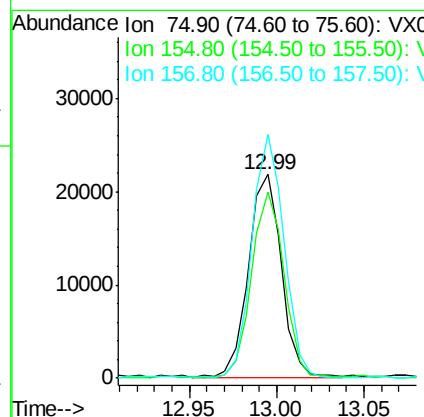
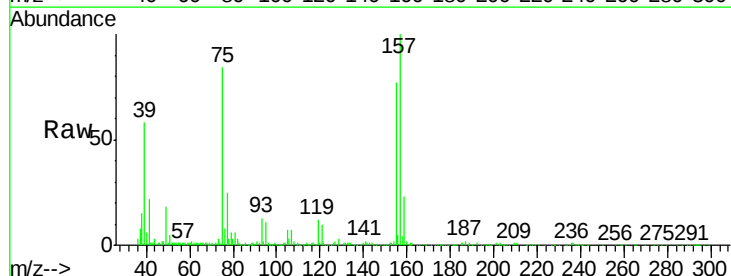
RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014771.D

Acq: 30 Jan 2020 11:50

Tgt Ion:	75	Resp:	28408
Ion Ratio	Lower	Upper	
75	100		
155	92.1	45.6	136.9
157	116.6	60.3	180.9





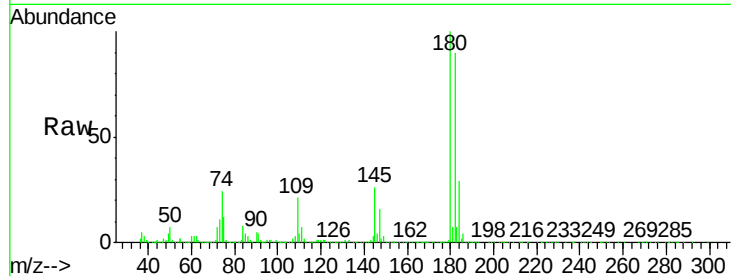
#93
 1,2,4-Trichlorobenzene
 Concen: 20.526 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014771.D
 Acq: 30 Jan 2020 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0130WBSD01

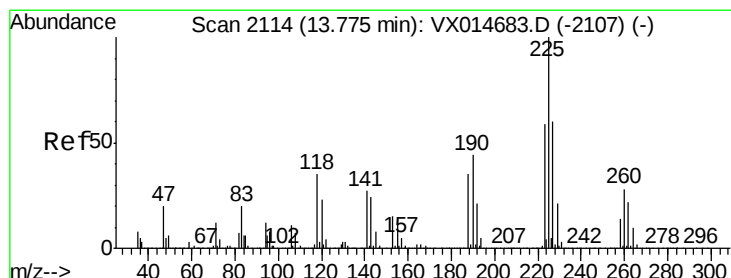
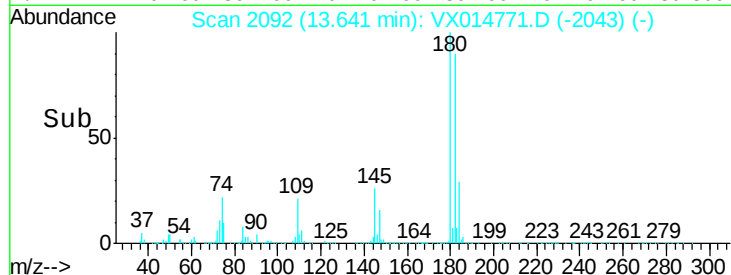
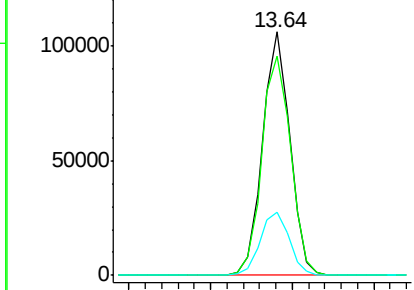
Tot Ion:	180	Resp:	123729
Ion Ratio	Lower	Upper	
180	100		
182	95.4	48.5	145.6
145	27.9	14.0	41.9

Manual Integrations
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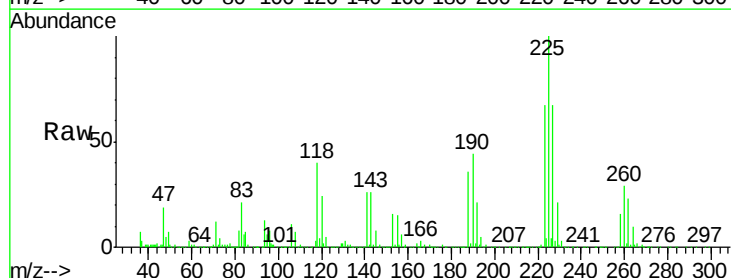


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

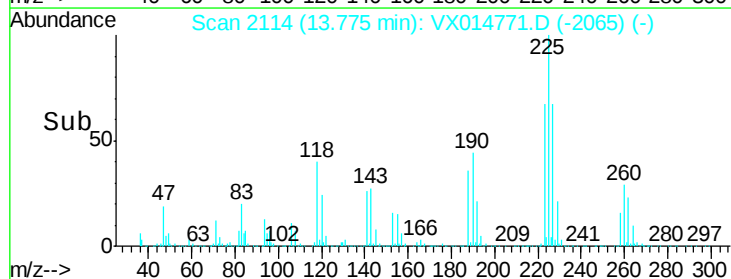
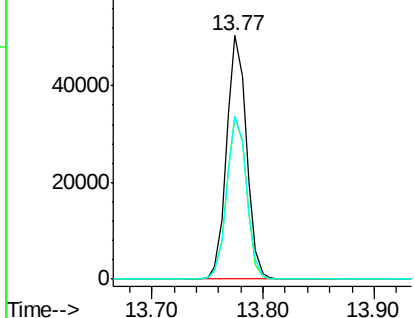


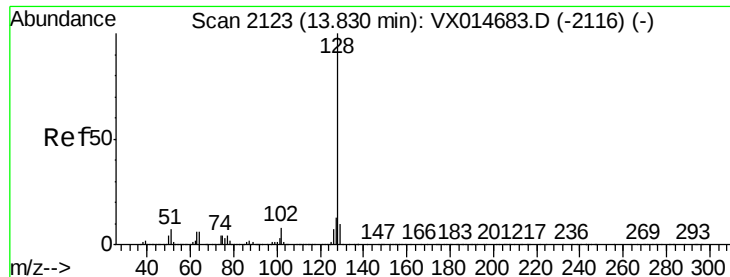
#94
 Hexachlorobutadiene
 Concen: 20.108 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014771.D
 Acq: 30 Jan 2020 11:50

Tgt Ion:	225	Resp:	62384
Ion Ratio	Lower	Upper	
225	100		
223	66.2	30.6	91.8
227	66.5	31.4	94.0



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





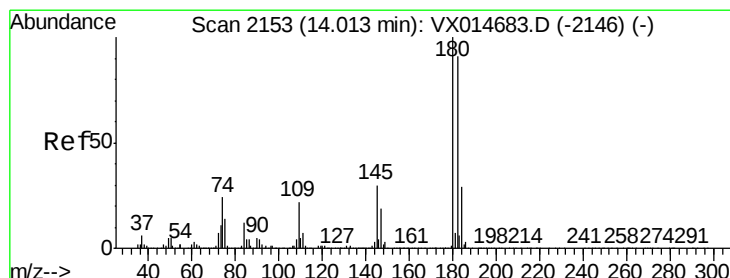
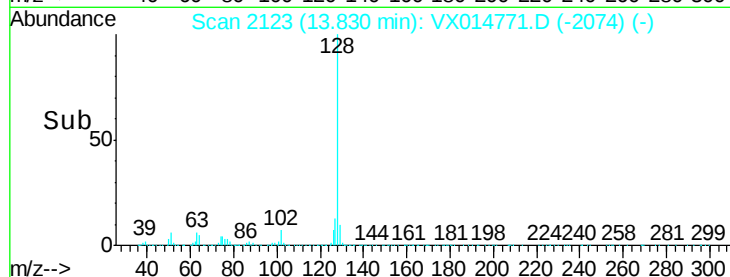
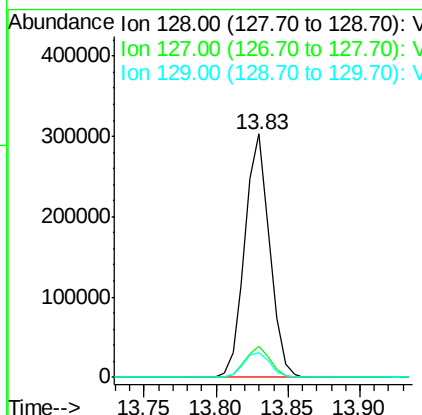
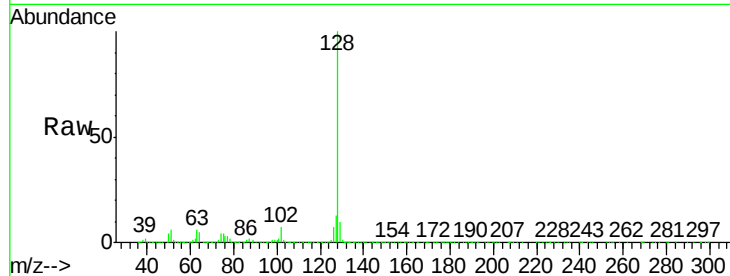
#95
Naphthalene
Concen: 19.154 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014771.D
Acq: 30 Jan 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.8	8.6	12.8

Manual Integrations
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1/31/2020 10:52:14 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.741 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014771.D
Acq: 30 Jan 2020 11:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	46.6	139.7
145	30.1	14.7	44.1

