

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021020\
 Data File : VX014882.D
 Acq On : 10 Feb 2020 12:22
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVX021020

Manual Integrations
 APPROVED

MMDadoda
 2/11/2020 10:36:27 AM

Quant Time: Feb 11 06:57:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	474747	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	706119	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	648761	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	342156	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	241398	45.05	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	90.10%	
35) Dibromofluoromethane	5.48	113	201360	46.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.78%	
50) Toluene-d8	8.71	98	772238	46.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.20%	
62) 4-Bromofluorobenzene	11.13	95	275346	46.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	234531	52.165	ug/l	98
3) Chloromethane	1.32	50	266069	52.199	ug/l	99
4) Vinyl Chloride	1.40	62	270209	49.209	ug/l	99
5) Bromomethane	1.63	94	183186	51.540	ug/l	97
6) Chloroethane	1.72	64	166969	47.523	ug/l	99
7) Trichlorofluoromethane	1.92	101	376252	49.043	ug/l	100
8) Diethyl Ether	2.18	74	149577	47.016	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	215936	48.490	ug/l	99
10) Methyl Iodide	2.50	142	225525	45.827	ug/l	99
11) Tert butyl alcohol	3.03	59	239610	253.285	ug/l	100
12) 1,1-Dichloroethene	2.37	96	212349	48.799	ug/l	94
13) Acrolein	2.28	56	172119	238.718	ug/l	98
14) Allyl chloride	2.72	41	366856	47.550	ug/l	99
15) Acrylonitrile	3.12	53	583649	243.368	ug/l	99
16) Acetone	2.43	43	605592	208.603	ug/l	99
17) Carbon Disulfide	2.56	76	595962	49.017	ug/l	99
18) Methyl Acetate	2.76	43	256823	47.593	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	698368	49.313	ug/l	97
20) Methylene Chloride	2.84	84	233739	45.350	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	226792	47.233	ug/l	99
22) Diisopropyl ether	3.84	45	720304	48.883	ug/l	96
23) Vinyl Acetate	3.80	43	3192043	262.785	ug/l	100
24) 1,1-Dichloroethane	3.69	63	402342	48.380	ug/l	99
25) 2-Butanone	4.65	43	854080	234.146	ug/l	100
26) 2,2-Dichloropropane	4.57	77	350336	48.883	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	258154	48.097	ug/l	100
28) Bromochloromethane	5.00	49	159239	49.400	ug/l	99
29) Tetrahydrofuran	5.11	42	516881	249.272	ug/l	100
30) Chloroform	5.20	83	399187	48.380	ug/l	99
31) Cyclohexane	5.57	56	369445	48.775	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	352886	48.893	ug/l	99
36) 1,1-Dichloropropene	5.79	75	307476	48.679	ug/l	99
37) Ethyl Acetate	4.81	43	322285	48.920	ug/l	100
38) Carbon Tetrachloride	5.77	117	309166	50.225	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	389288	49.279	ug/l	99
40) Benzene	6.13	78	914123	48.437	ug/l	99
41) Methacrylonitrile	5.02	41	180466	50.849	ug/l	98
42) 1,2-Dichloroethane	6.18	62	329292	48.276	ug/l	99
43) Isopropyl Acetate	6.43	43	543862	50.044	ug/l	99
44) Trichloroethene	7.20	130	260323	47.516	ug/l	99
45) 1,2-Dichloropropane	7.50	63	235262	48.880	ug/l	100
46) Dibromomethane	7.65	93	157902	47.995	ug/l	99
47) Bromodichloromethane	7.89	83	316551	48.526	ug/l	99
48) Methyl methacrylate	7.76	41	271467	50.757	ug/l	100
49) 1,4-Dioxane	7.73	88	104546	1045.487	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	1652362	251.802	ug/l	100
52) Toluene	8.78	92	586319	48.915	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	357632	50.024	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	389538	49.322	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	232927	48.030	ug/l	97
56) Ethyl methacrylate	9.17	69	377798	51.829	ug/l	99
57) 1,3-Dichloropropane	9.36	76	389461	47.708	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	943550	247.509	ug/l	100
59) 2-Hexanone	9.48	43	1270406	246.301	ug/l	99
60) Dibromochloromethane	9.57	129	258096	49.454	ug/l	96
61) 1,2-Dibromoethane	9.67	107	249810	47.741	ug/l	99
64) Tetrachloroethene	9.33	164	258146	42.559	ug/l	98
65) Chlorobenzene	10.13	112	640596	48.683	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	238769	49.981	ug/l	100
67) Ethyl Benzene	10.25	91	1129268	50.462	ug/l	98
68) m/p-Xylenes	10.35	106	870791	101.008	ug/l	98
69) o-Xylene	10.70	106	420023	50.684	ug/l	99
70) Styrene	10.71	104	714384	50.956	ug/l	100
71) Bromoform	10.85	173	205362	51.502	ug/l #	100
73) Isopropylbenzene	11.01	105	1115714	51.998	ug/l	100
74) N-amyl acetate	10.89	43	485194	54.422	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	355567	50.693	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	295992m	47.839	ug/l	
77) Bromobenzene	11.25	156	295524	49.345	ug/l	98
78) n-propylbenzene	11.35	91	1280268	51.588	ug/l	100
79) 2-Chlorotoluene	11.42	91	735416	50.406	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	937716	52.303	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	124119	51.348	ug/l	98
82) 4-Chlorotoluene	11.51	91	866269	50.138	ug/l	100
83) tert-Butylbenzene	11.76	119	912437	53.744	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	946062	52.362	ug/l	100
85) sec-Butylbenzene	11.94	105	1087094	51.543	ug/l	100
86) p-Isopropyltoluene	12.06	119	1018420	51.601	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	535928	49.882	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	533844	48.657	ug/l	99
89) n-Butylbenzene	12.39	91	890441	50.375	ug/l	99
90) Hexachloroethane	12.59	117	179077	51.956	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	523469	49.683	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	78778	47.874	ug/l	99

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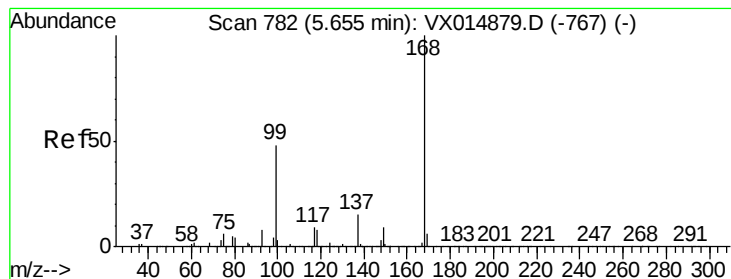
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	387234	49.793	ug/l	97
94) Hexachlorobutadiene	13.78	225	190310	50.594	ug/l	99
95) Naphthalene	13.83	128	1099927	53.195	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	372965	49.639	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX021020

Tot Ion:168 Resp: 474747

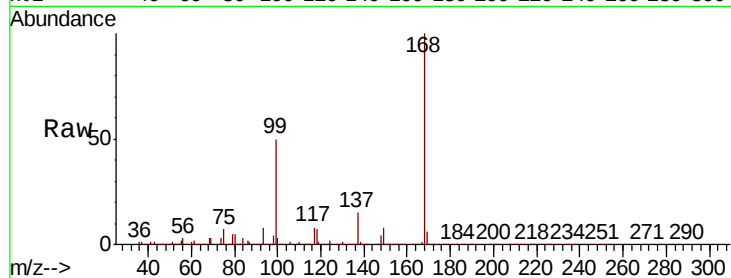
Ion Ratio Lower Upper

168 100

99 50.3 38.7 58.1

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

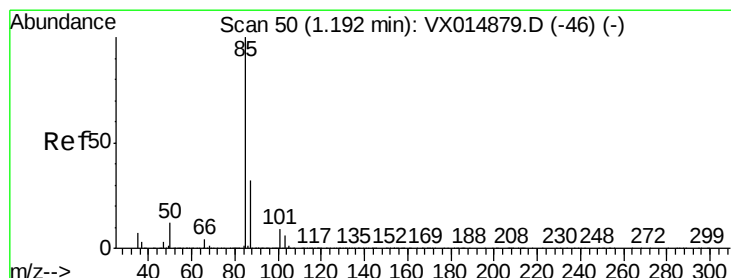
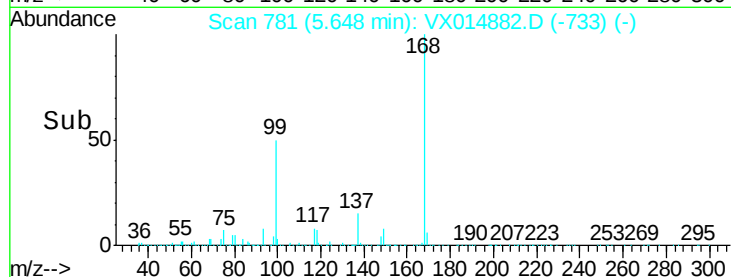
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50000

0

5.50 5.60 5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 52.165 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX014882.D

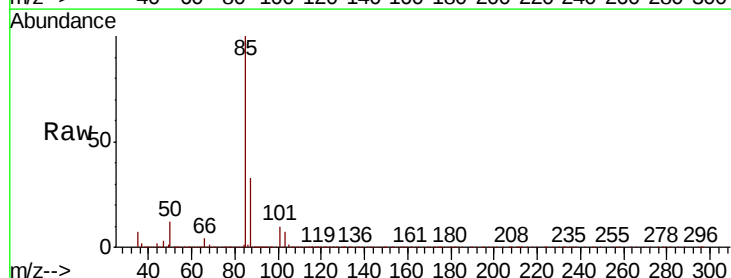
Acq: 10 Feb 2020 12:22

Tgt Ion: 85 Resp: 234531

Ion Ratio Lower Upper

85 100

87 33.2 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

250000

200000

150000

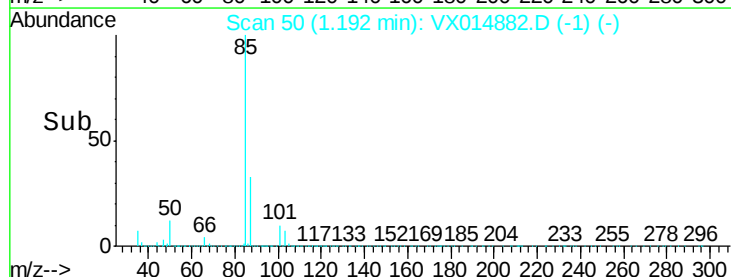
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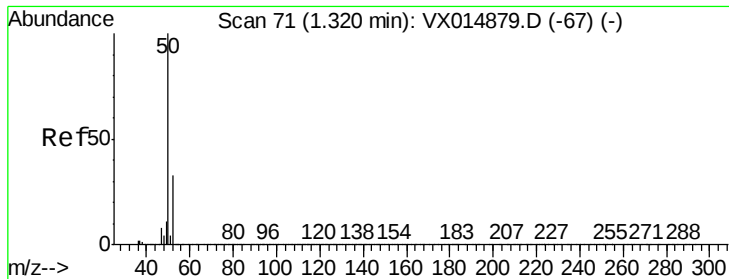
50000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 52.199 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX021020

Tot Ion: 50 Resp: 266069

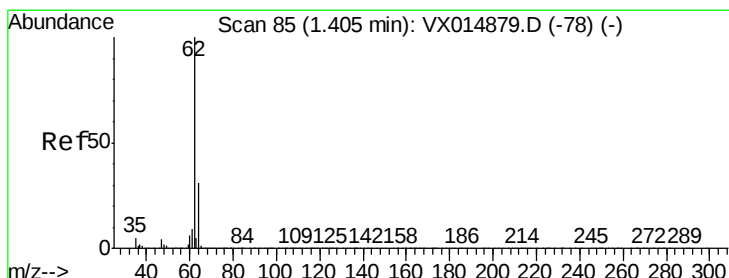
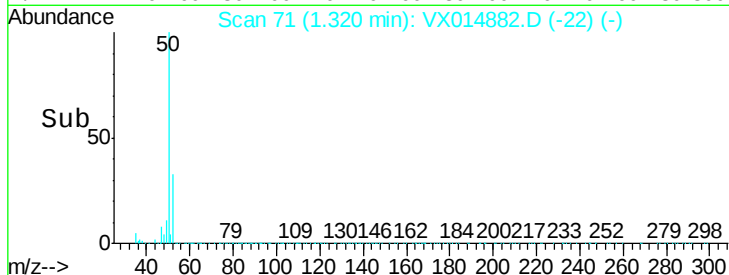
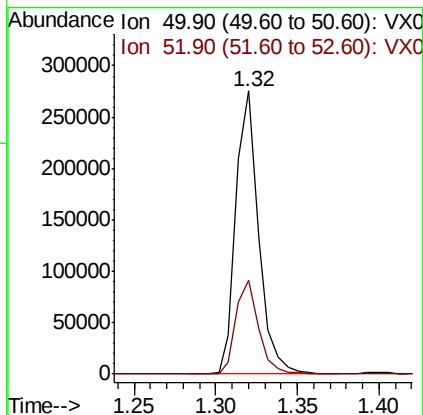
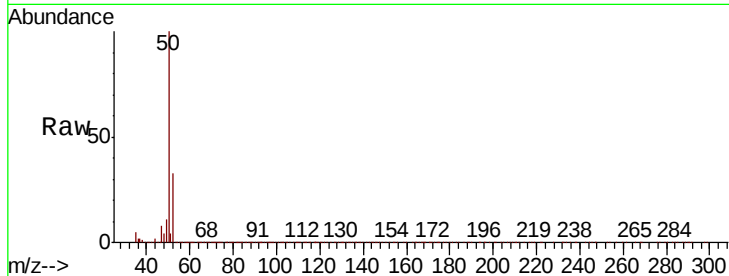
Ion Ratio Lower Upper

50 100

52 33.0 26.2 39.2

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#4

Vinyl Chloride

Concen: 49.209 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.01 min

Lab File: VX014882.D

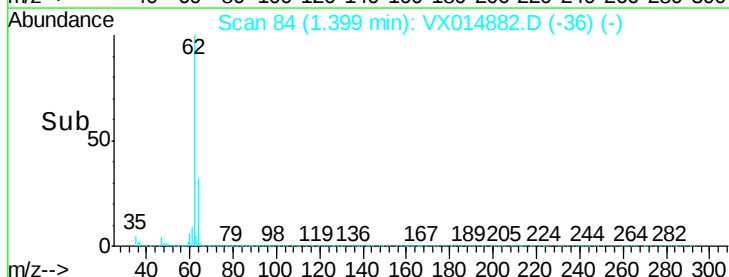
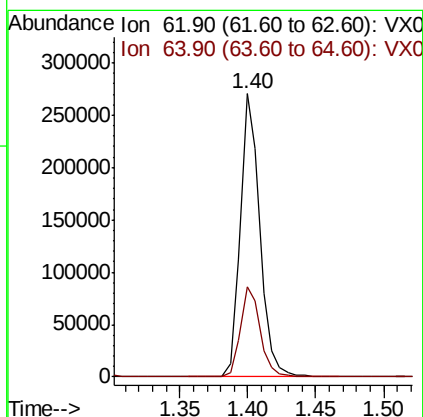
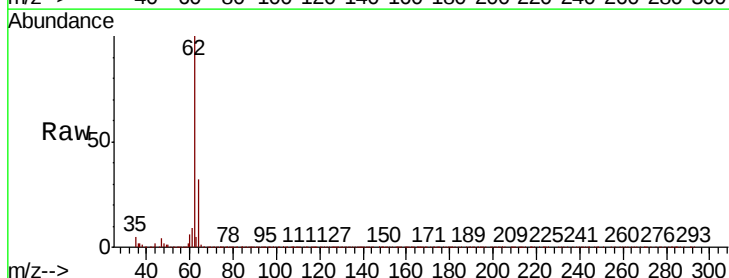
Acq: 10 Feb 2020 12:22

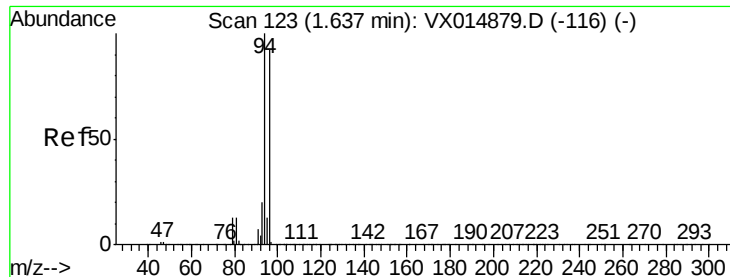
Tgt Ion: 62 Resp: 270209

Ion Ratio Lower Upper

62 100

64 31.6 24.8 37.2





#5

Bromomethane

Concen: 51.540 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX021020

Tot Ion: 94 Resp: 183186

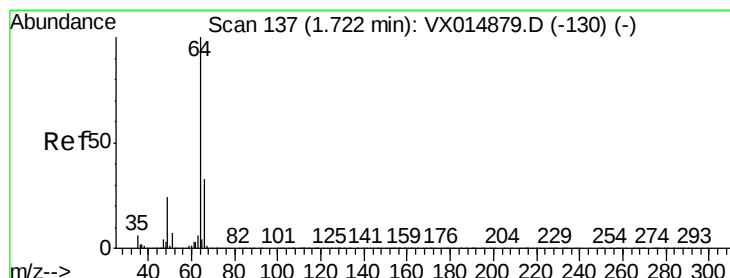
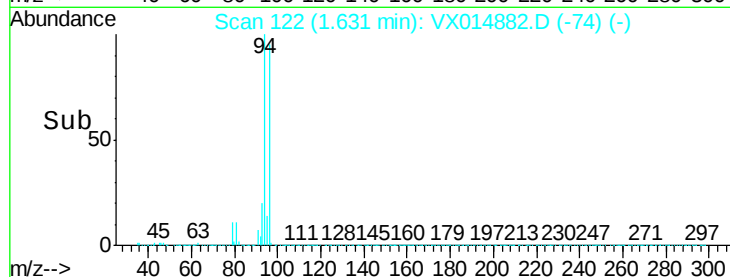
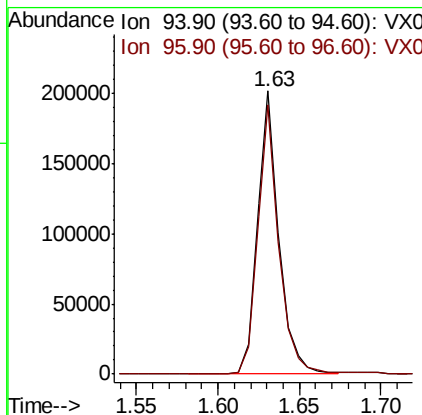
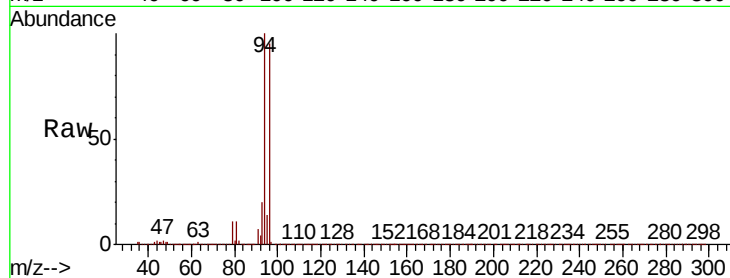
Ion Ratio Lower Upper

94 100

96 95.0 73.7 110.5

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#6

Chloroethane

Concen: 47.523 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX014882.D

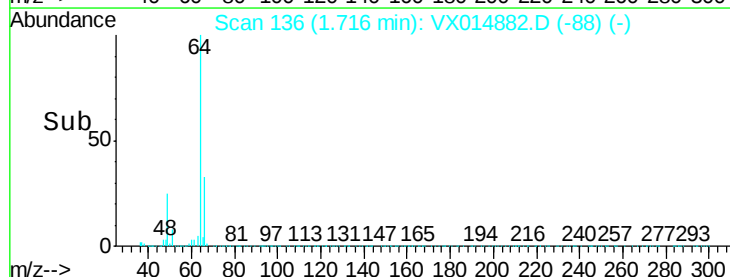
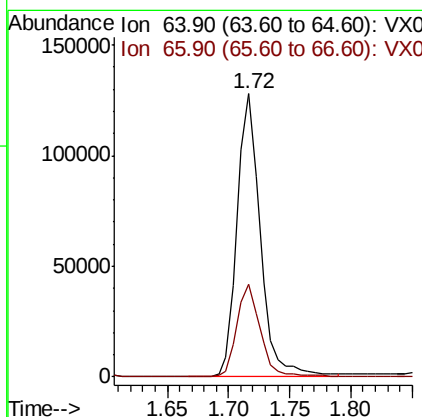
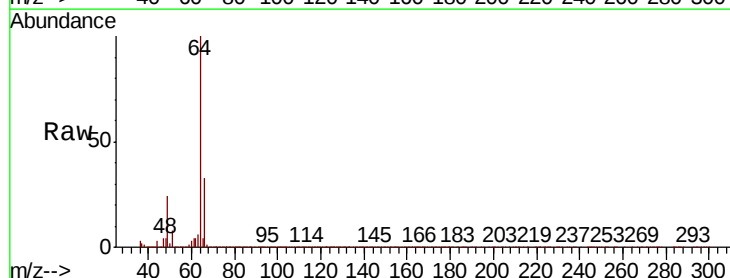
Acq: 10 Feb 2020 12:22

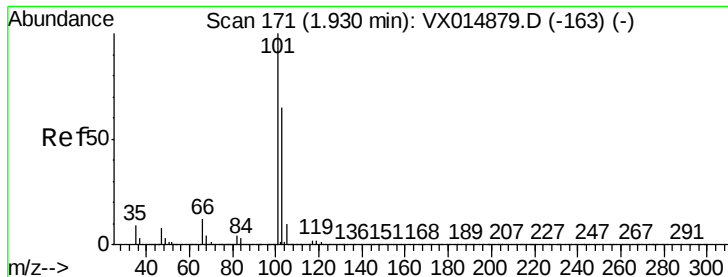
Tgt Ion: 64 Resp: 166969

Ion Ratio Lower Upper

64 100

66 32.4 26.2 39.4





#7

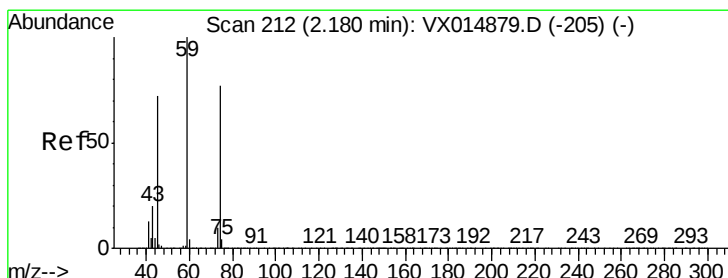
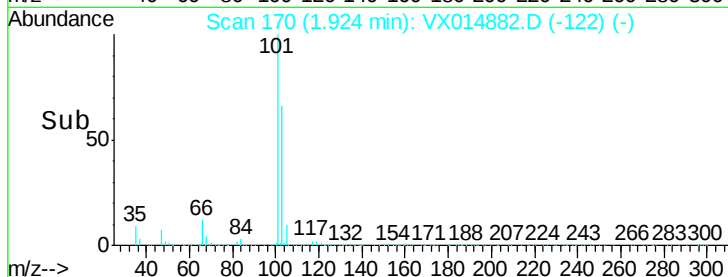
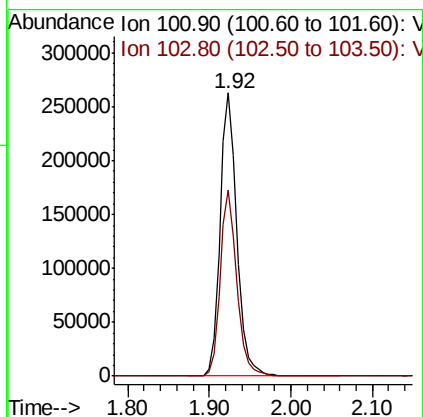
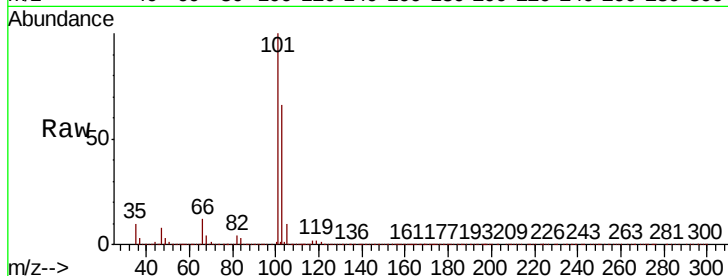
Trichlorofluoromethane
Concen: 49.043 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.01 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

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ClientSampleId :
ICVVX021020

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.6	52.2	78.4

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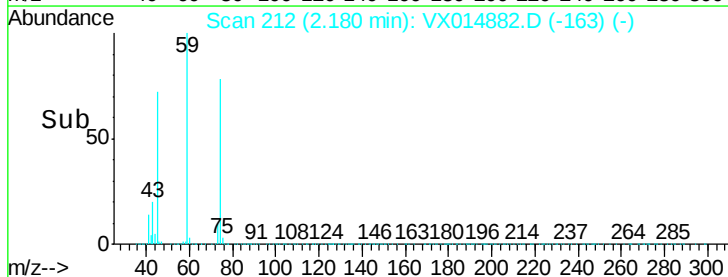
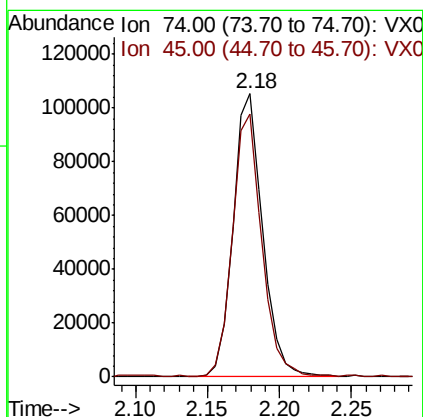
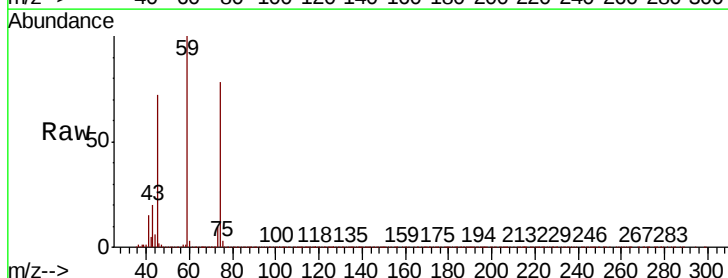
MMDadoda
2/11/2020 10:36:27 AM

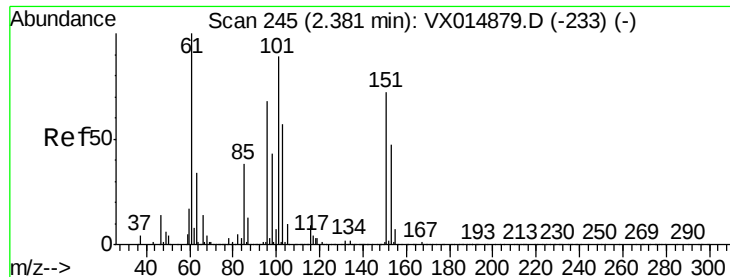


#8

Diethyl Ether
Concen: 47.016 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.5	46.6	139.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.490 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

Instrument :

MSVOA_X

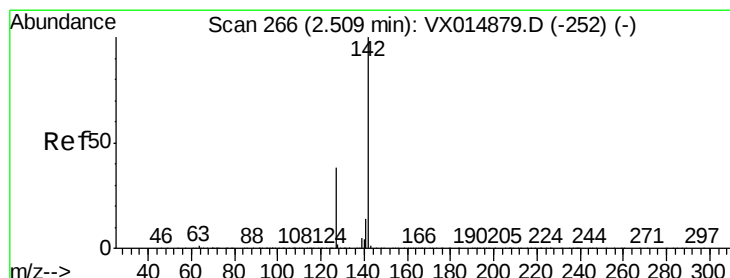
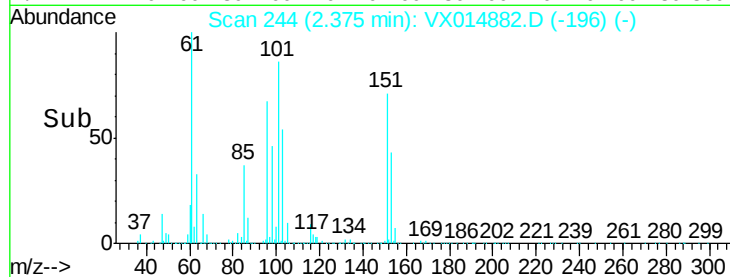
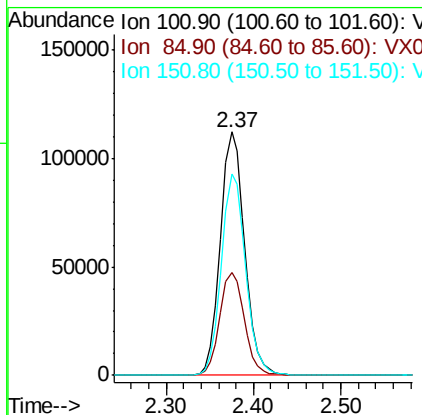
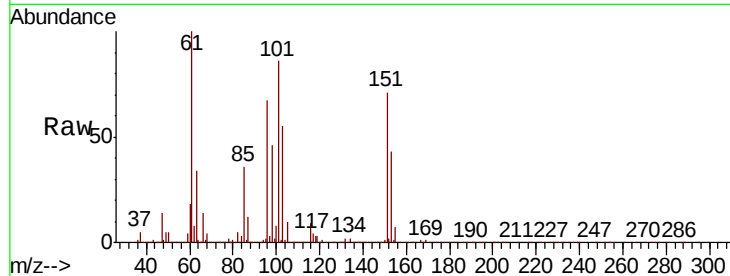
ClientSampled :

ICVVX021020

Tot Ion:	101	Resp:	215936
Ion Ratio	Lower	Upper	
101	100		
85	42.9	34.1	51.1
151	83.2	67.3	100.9

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2/11/2020 10:36:27 AM



#10

Methyl Iodide

Concen: 45.827 ug/l

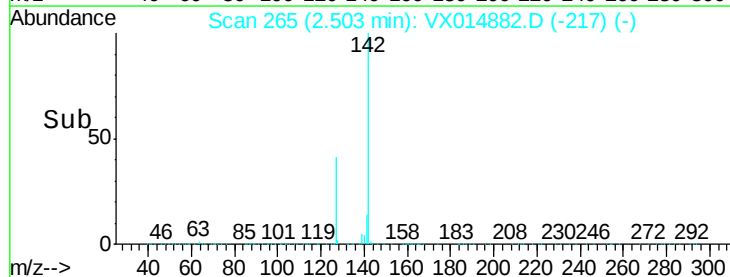
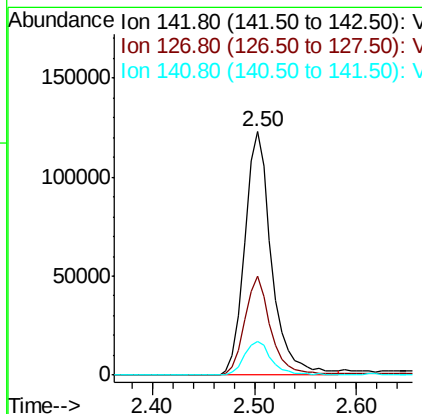
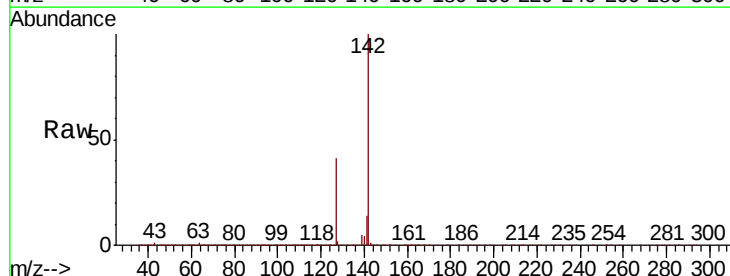
RT: 2.50 min Scan# 265

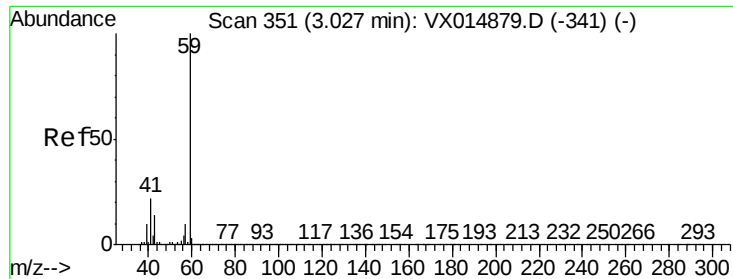
Delta R.T. -0.01 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

Tgt Ion:	142	Resp:	225525
Ion Ratio	Lower	Upper	
142	100		
127	39.7	31.1	46.7
141	13.9	11.3	16.9





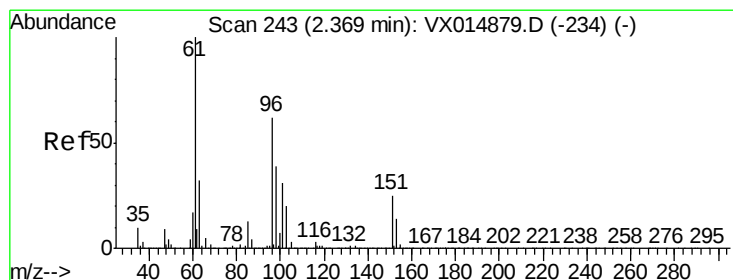
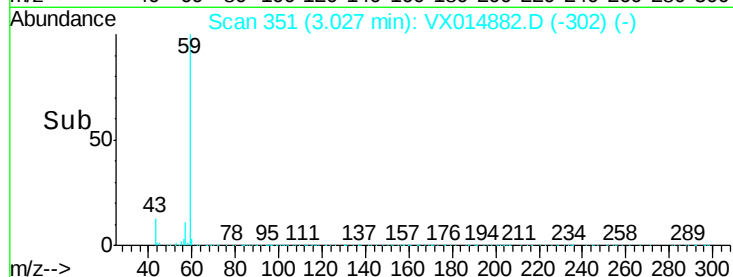
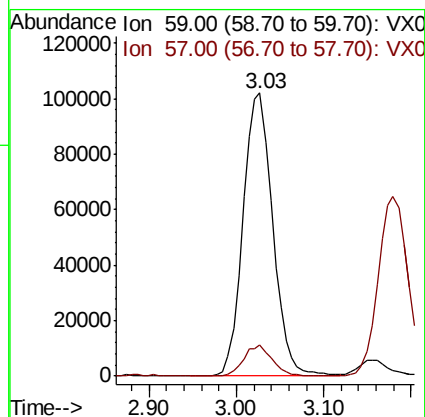
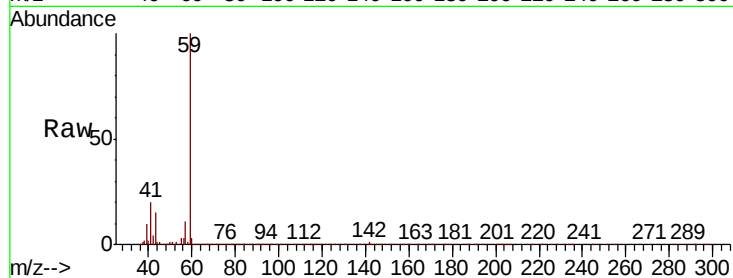
#11
Tert butyl alcohol
Concen: 253.285 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX021020

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.2	12.4

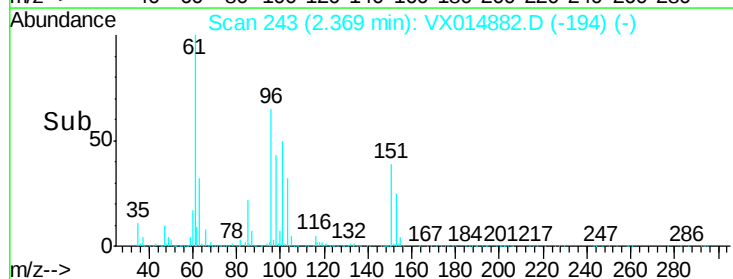
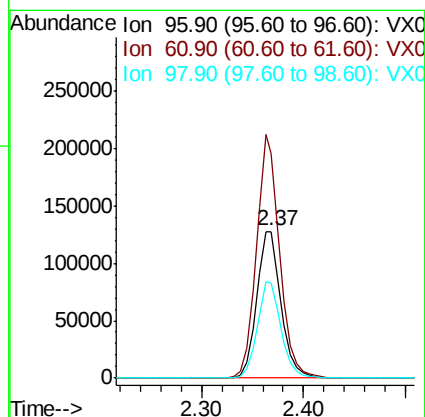
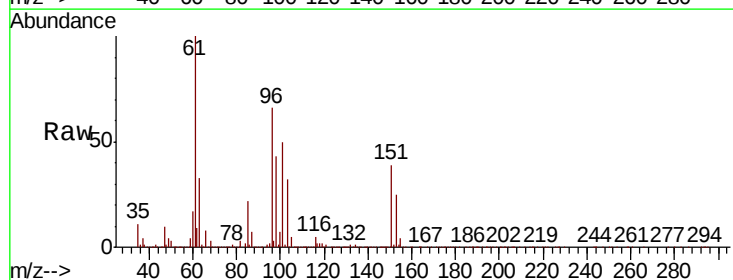
Manual Integrations
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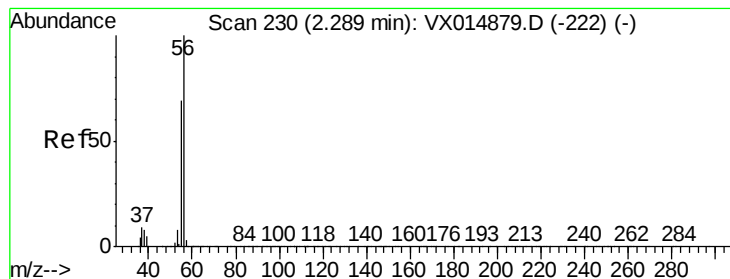
MMDadoda
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#12
1,1-Dichloroethene
Concen: 48.799 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.4	129.5	194.3
98	65.1	50.6	76.0





#13

Acrolein

Concen: 238.718 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX021020

Tot Ion: 56 Resp: 172119

Ion Ratio Lower Upper

56 100

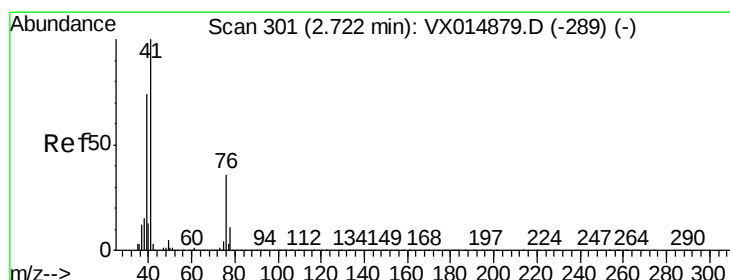
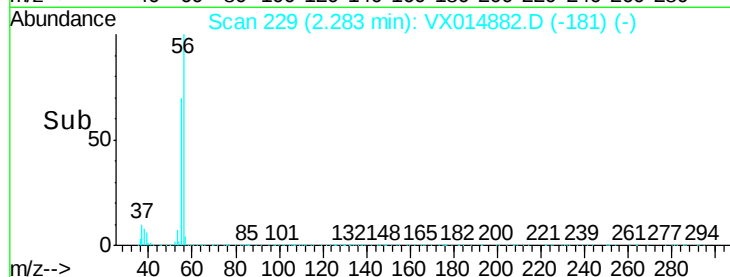
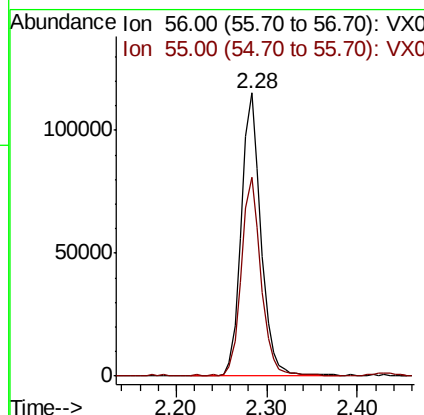
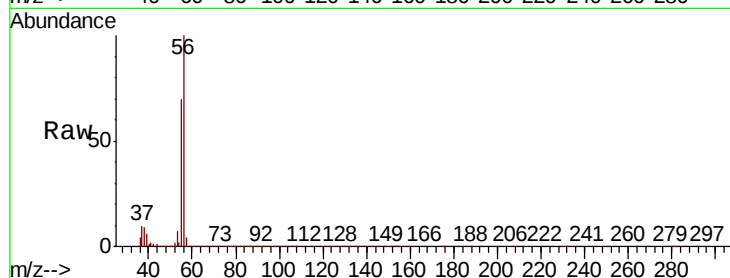
55 70.4 55.0 82.4

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#14

Allyl chloride

Concen: 47.550 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

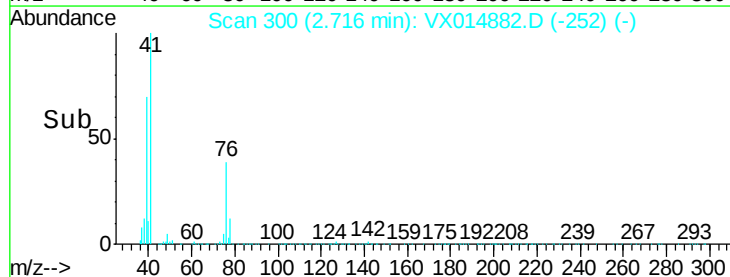
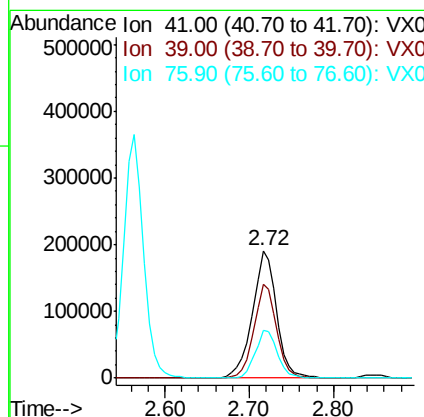
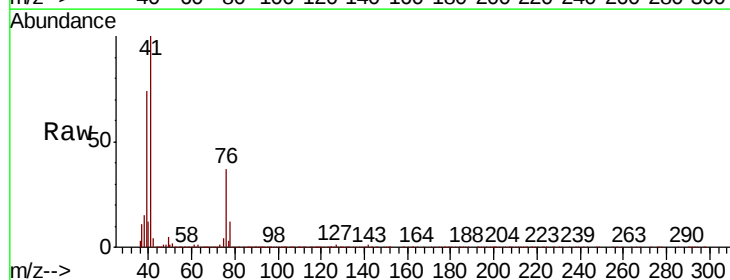
Tgt Ion: 41 Resp: 366856

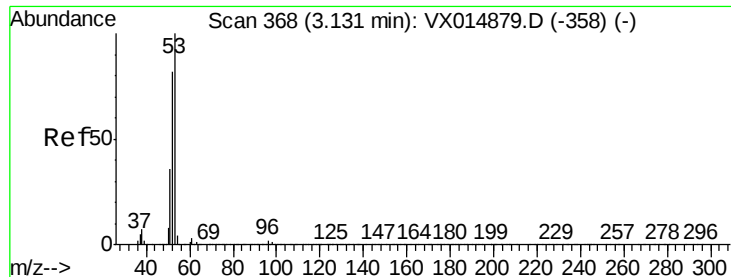
Ion Ratio Lower Upper

41 100

39 68.9 55.2 82.8

76 34.4 26.8 40.2





#15

Acrylonitrile

Concen: 243.368 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

Instrument :

MSVOA_X

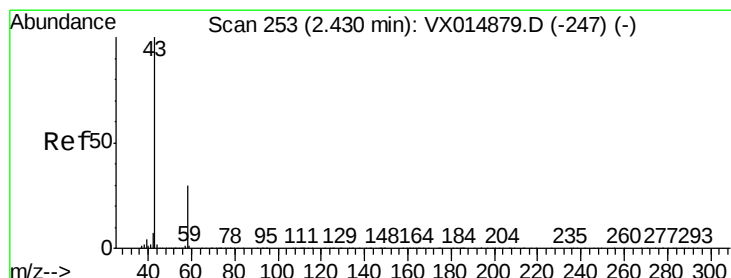
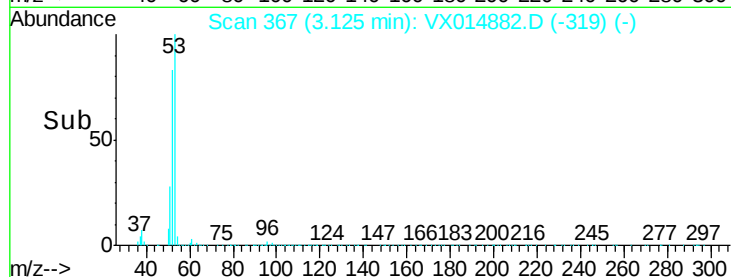
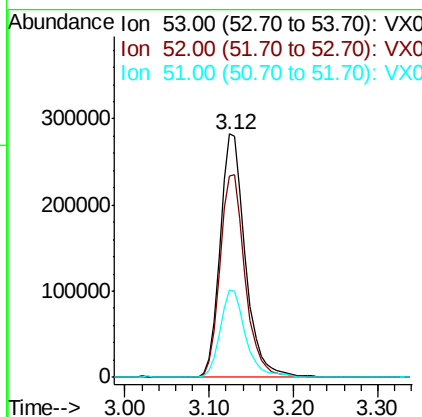
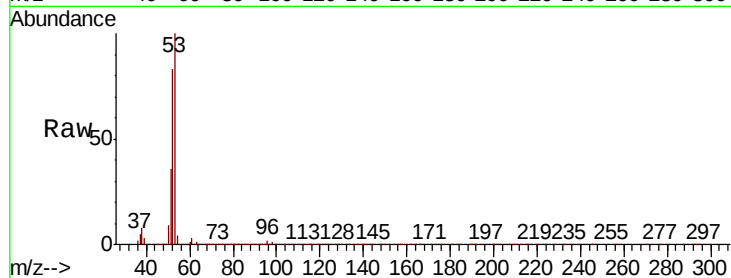
ClientSampleId :

ICVVX021020

Tot Ion:	53	Resp:	583649
Ion Ratio		Lower	Upper
53	100		
52	83.1	65.8	98.6
51	36.0	29.1	43.7

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#16

Acetone

Concen: 208.603 ug/l

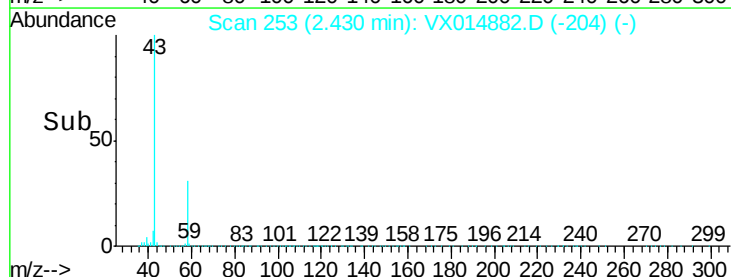
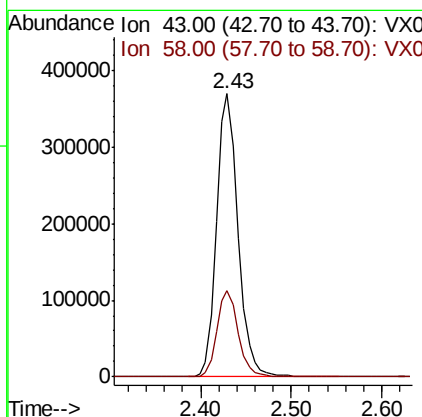
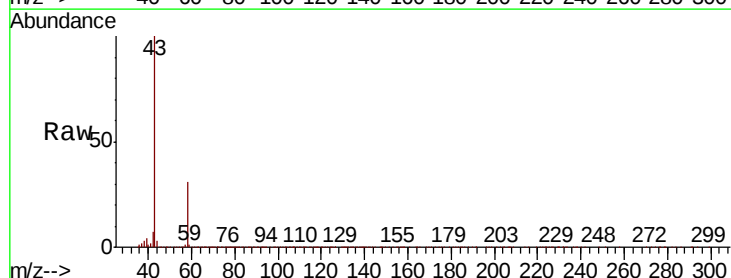
RT: 2.43 min Scan# 253

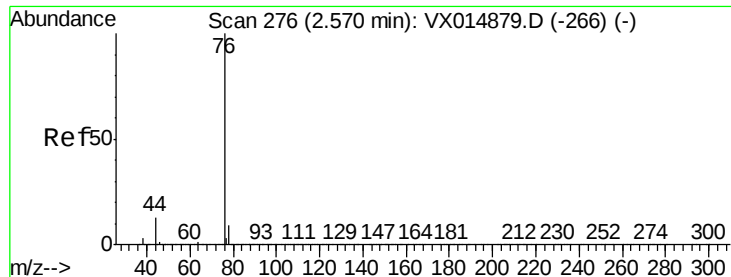
Delta R.T. 0.00 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

Tgt Ion:	43	Resp:	605592
Ion Ratio		Lower	Upper
43	100		
58	30.6	24.1	36.1





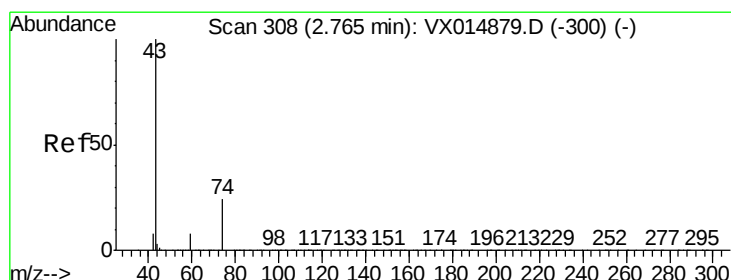
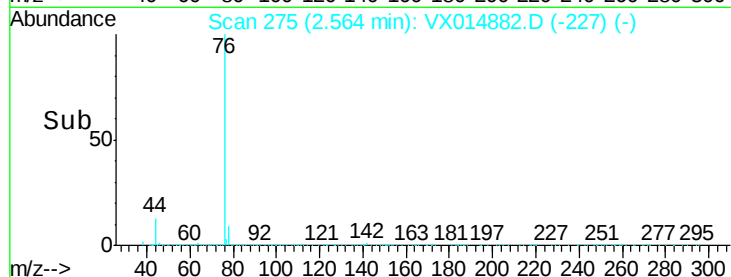
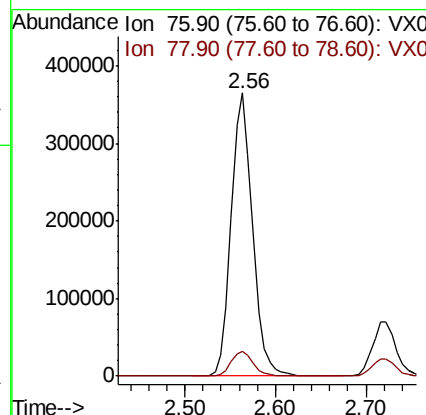
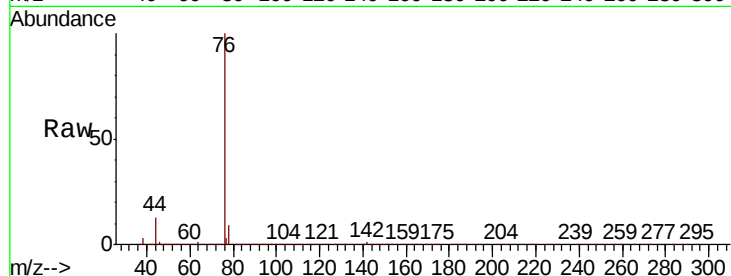
#17
Carbon Disulfide
Concen: 49.017 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.01 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX021020

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.4	11.0

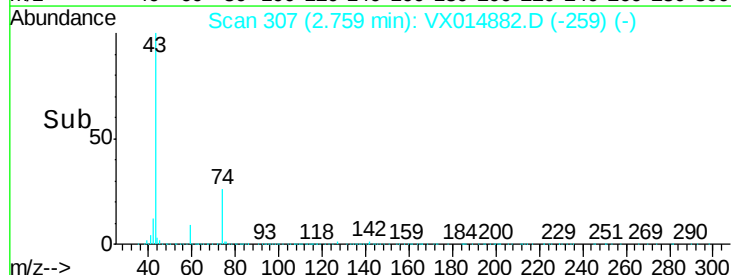
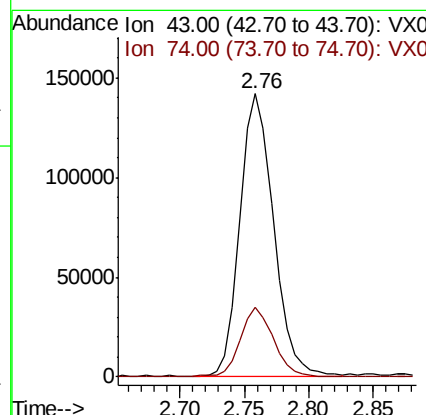
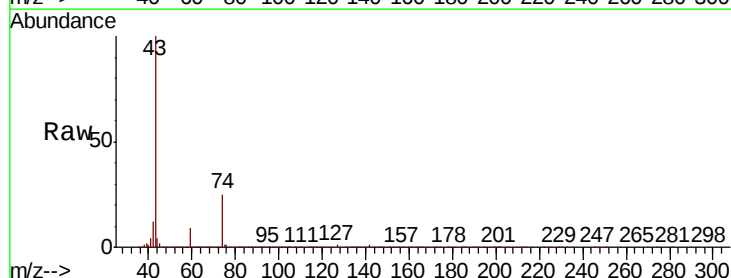
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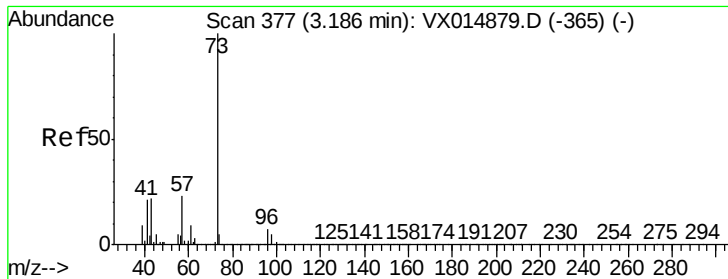
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#18
Methyl Acetate
Concen: 47.593 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.4	19.4	29.0





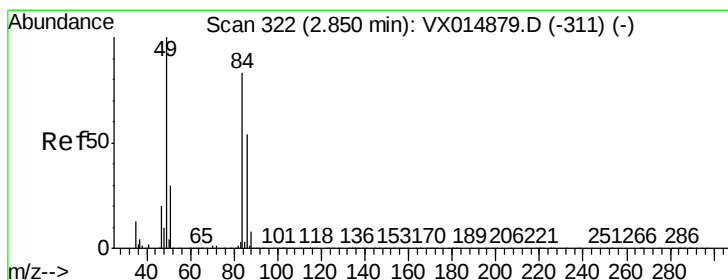
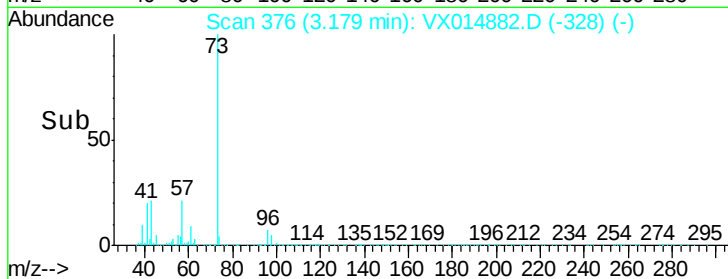
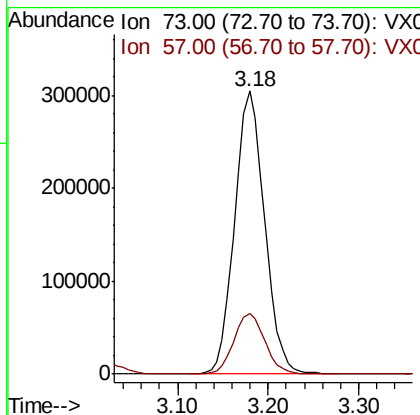
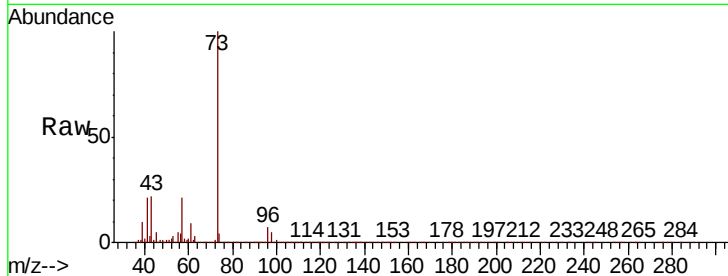
#19
Methvl tert-butvl Ether
Concen: 49.313 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX021020

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.2	18.2	27.4

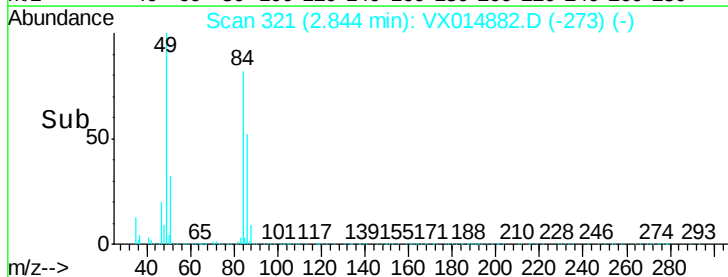
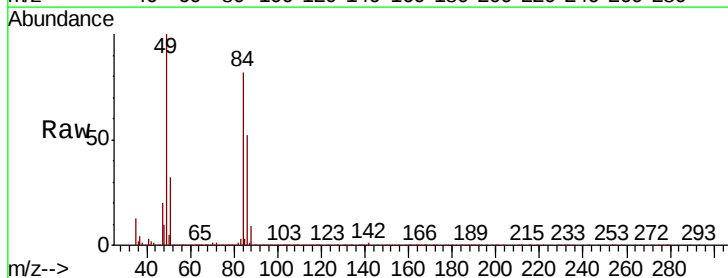
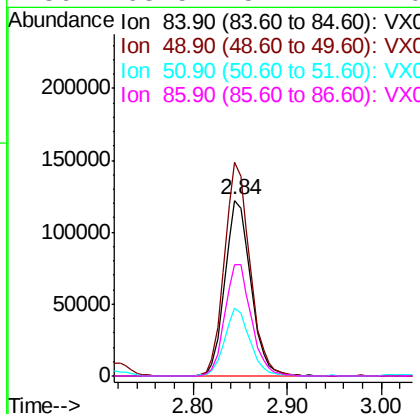
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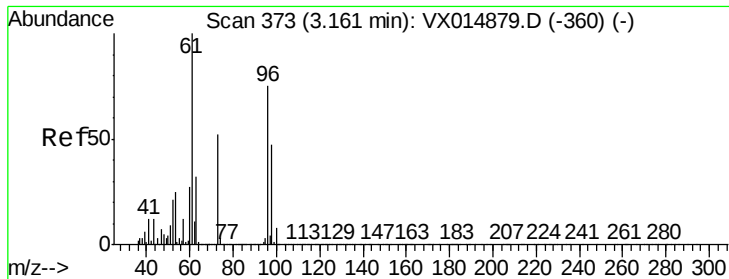
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#20
Methylene Chloride
Concen: 45.350 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.4	95.6	143.4
51	38.3	29.0	43.6
86	63.5	51.4	77.0





#21

trans-1,2-Dichloroethene

Concen: 47.233 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

Instrument :

MSVOA_X

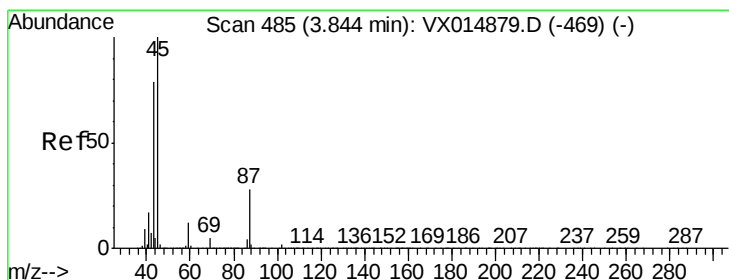
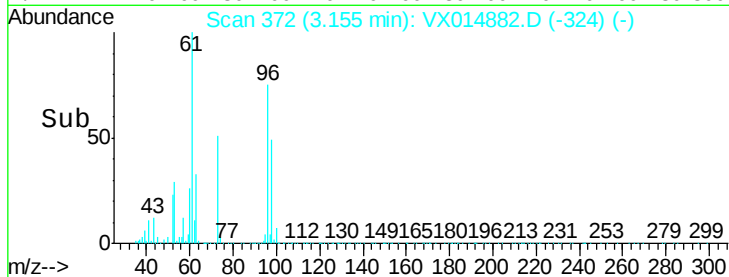
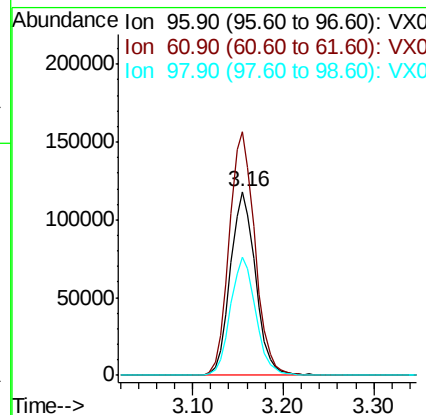
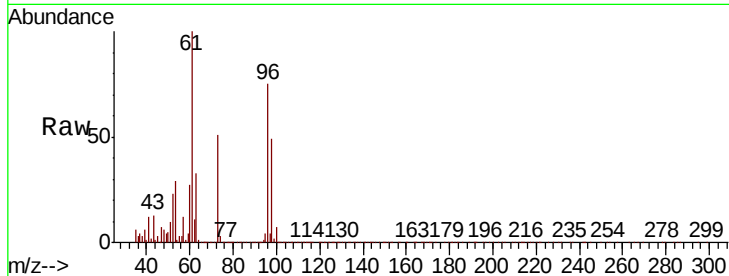
ClientSampleId :

ICVVX021020

Tot Ion:	96	Resp:	226792
Ion Ratio	Lower	Upper	
96	100		
61	132.5	106.9	160.3
98	64.4	50.7	76.1

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#22

Diisopropyl ether

Concen: 48.883 ug/l

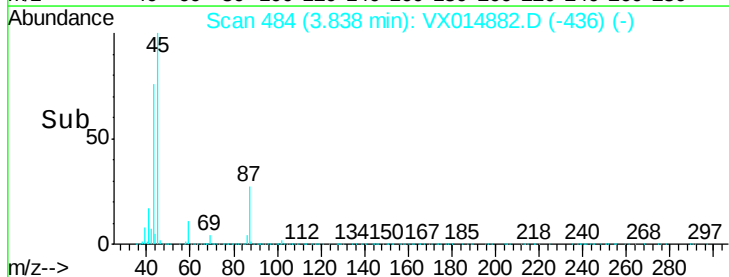
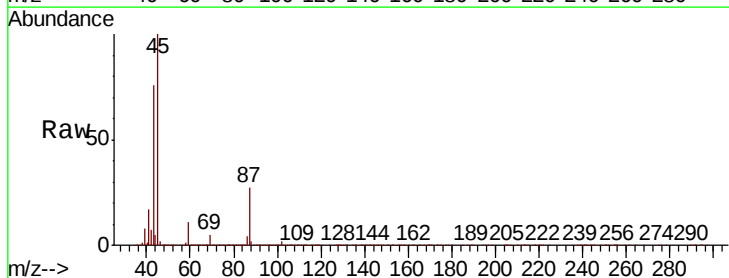
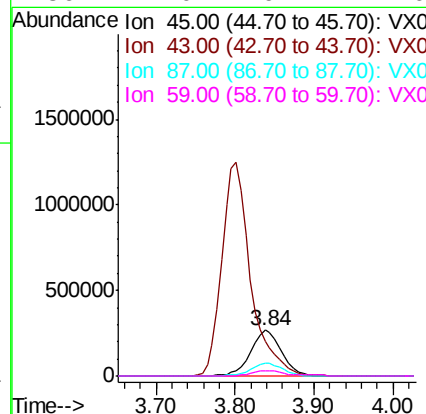
RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

Tgt Ion:	45	Resp:	720304
Ion Ratio	Lower	Upper	
45	100		
43	75.6	63.5	95.3
87	26.7	22.2	33.4
59	11.0	9.4	14.0





#23

Vinyl Acetate

Concen: 262.785 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

Instrument :

MSVOA_X

ClientSampled :

ICVVX021020

Tot Ion: 43 Resp: 3192043

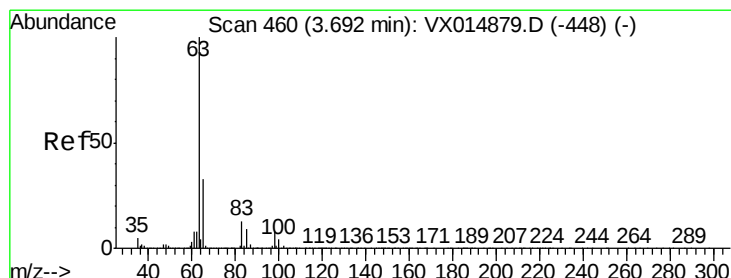
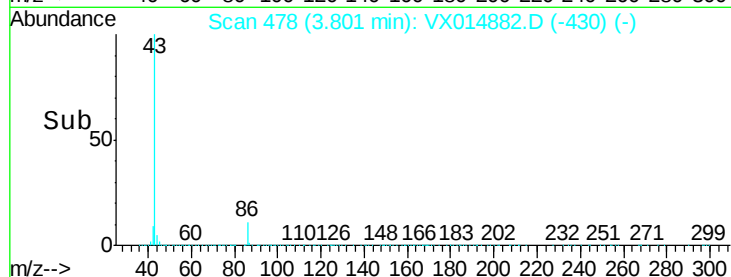
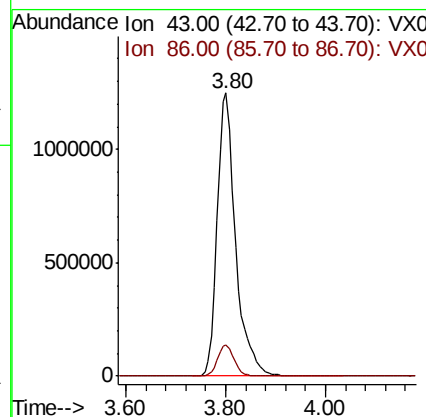
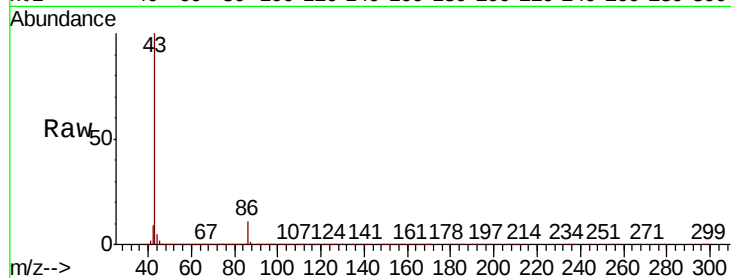
Ion Ratio Lower Upper

43 100

86 11.1 8.9 13.3

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#24

1,1-Dichloroethane

Concen: 48.380 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

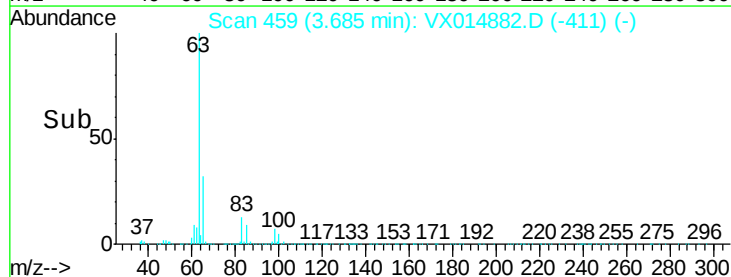
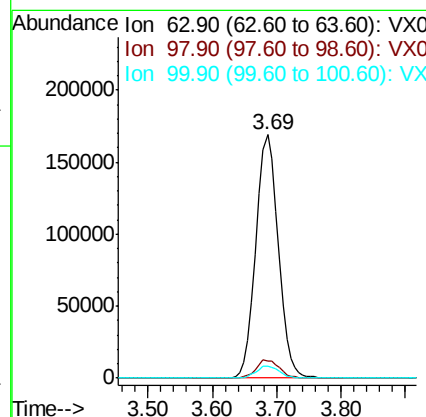
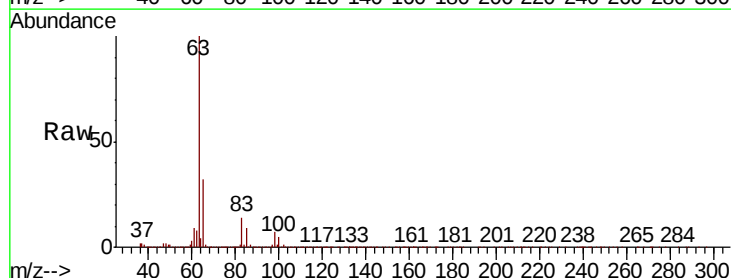
Tgt Ion: 63 Resp: 402342

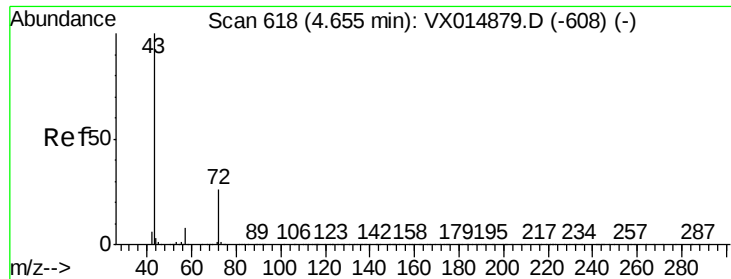
Ion Ratio Lower Upper

63 100

98 7.1 3.9 11.5

100 4.6 2.2 6.6





#25

2-Butanone

Concen: 234.146 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX021020

Tot Ion: 43 Resp: 854080

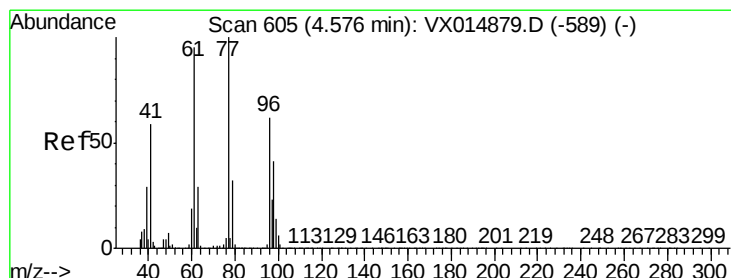
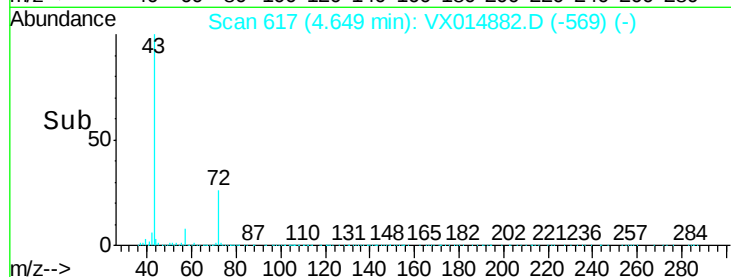
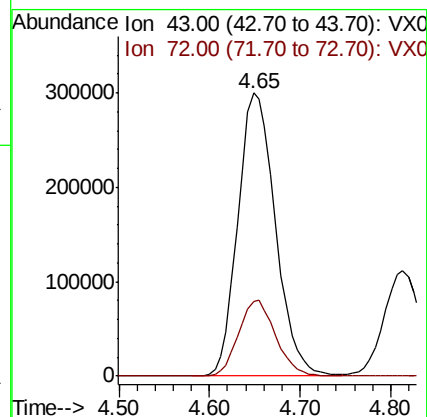
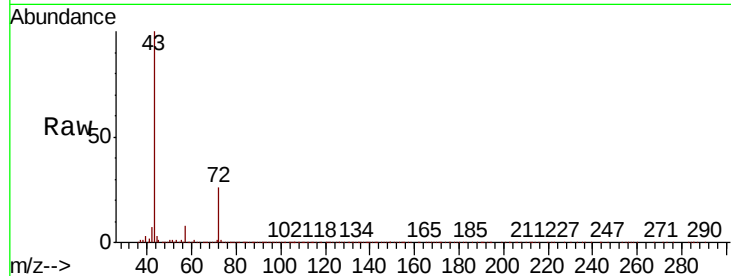
Ion Ratio Lower Upper

43 100

72 26.1 21.0 31.6

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#26

2,2-Dichloropropane

Concen: 48.883 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014882.D

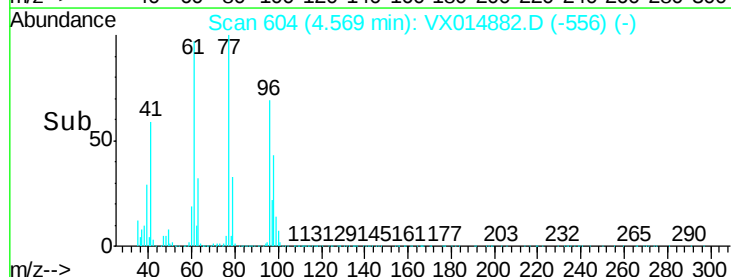
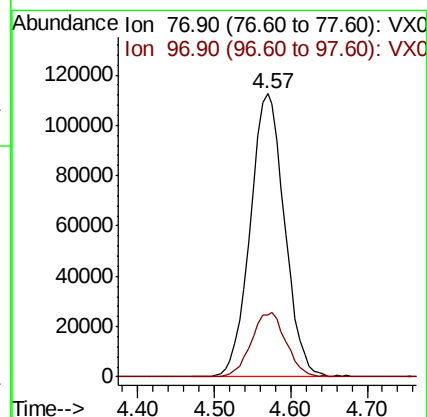
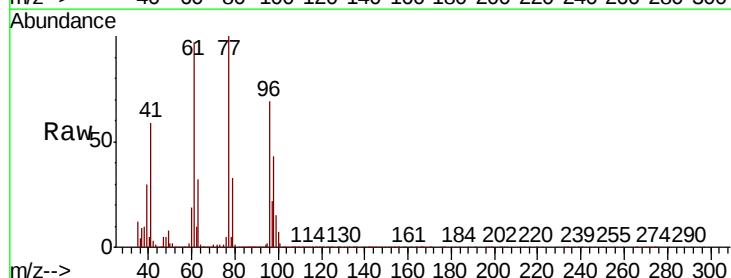
Acq: 10 Feb 2020 12:22

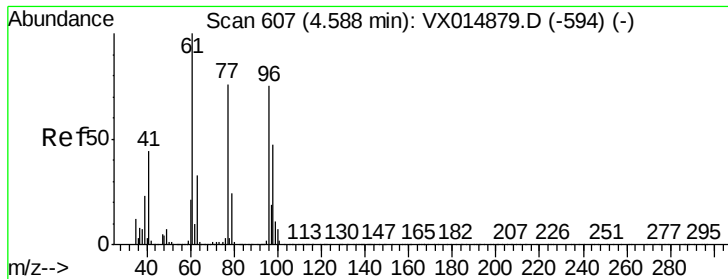
Tgt Ion: 77 Resp: 350336

Ion Ratio Lower Upper

77 100

97 23.3 11.9 35.5





#27

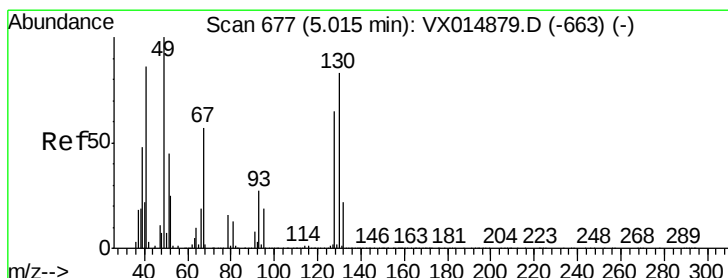
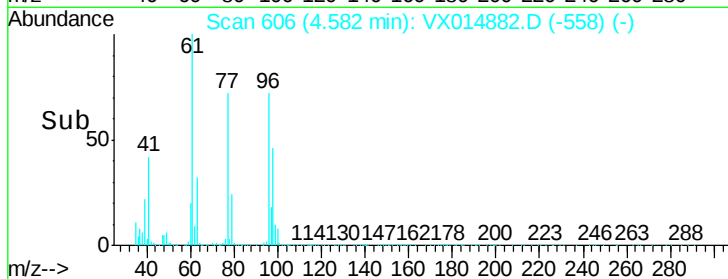
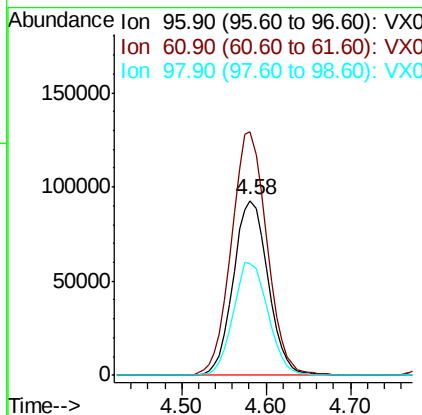
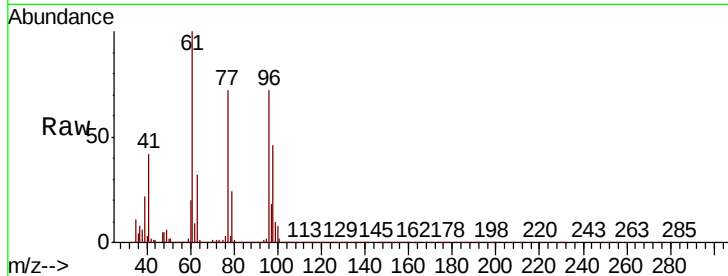
cis-1,2-Dichloroethene
Concen: 48.097 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX021020

Tot Ion	Ratio	Resp	Lower	Upper
96	100	258154		
61	142.7	0.0	286.2	
98	65.2	0.0	131.0	

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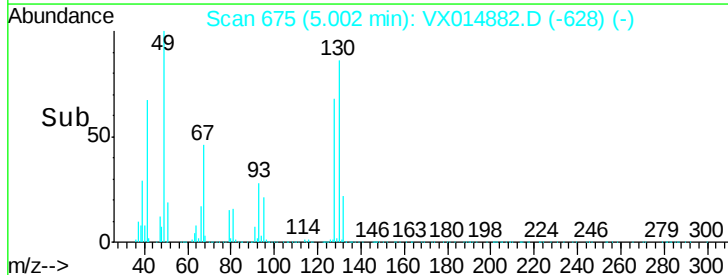
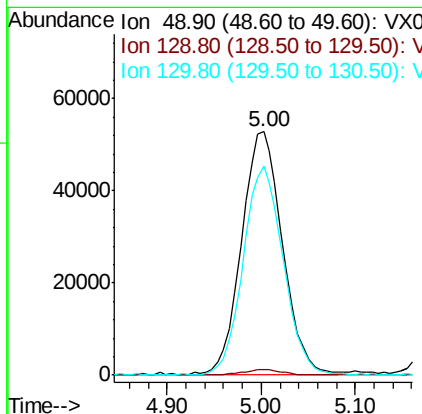
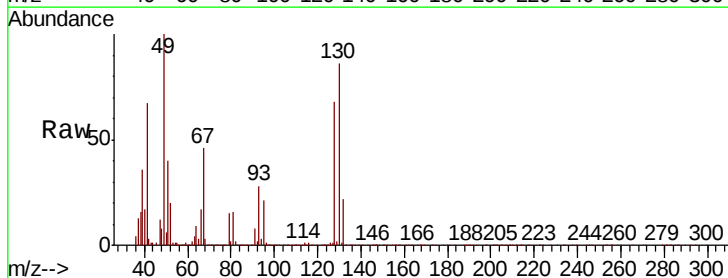
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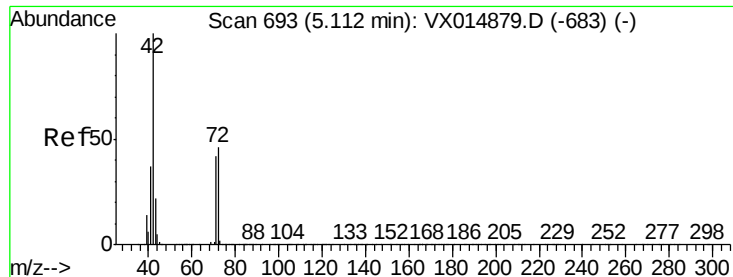


#28

Bromochloromethane
Concen: 49.400 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	159239		
129	2.4	0.0	5.2	
130	85.1	67.4	101.2	





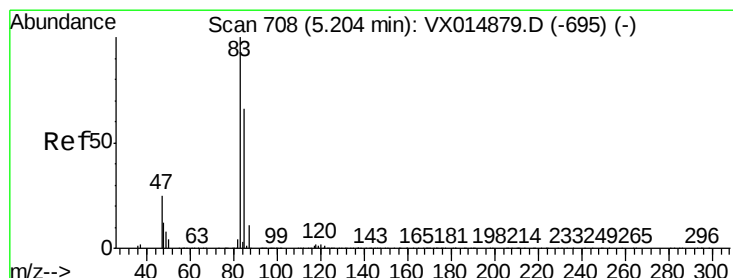
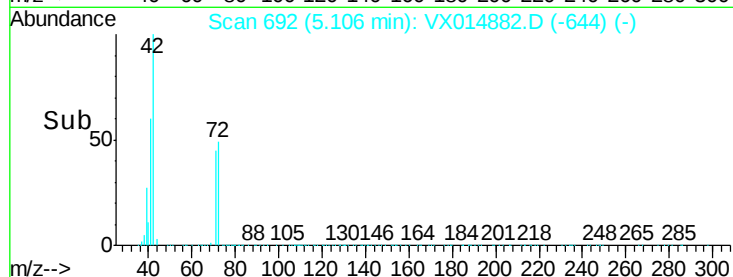
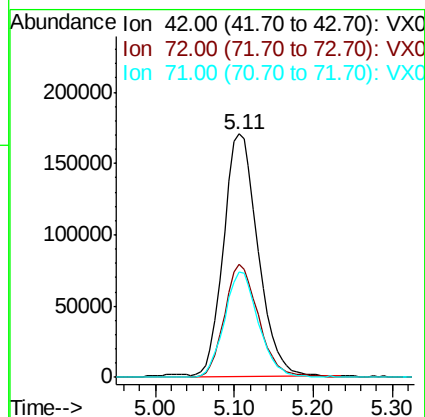
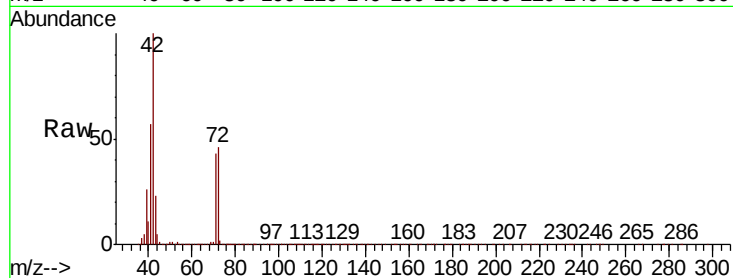
#29
Tetrahydrofuran
Concen: 249.272 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX021020

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.2	36.9	55.3
71	43.0	34.1	51.1

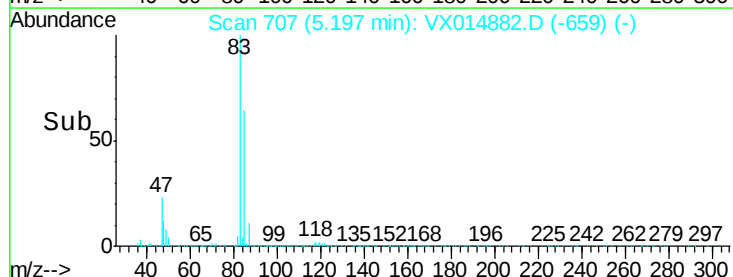
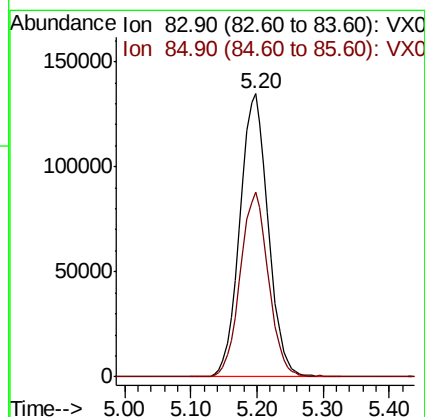
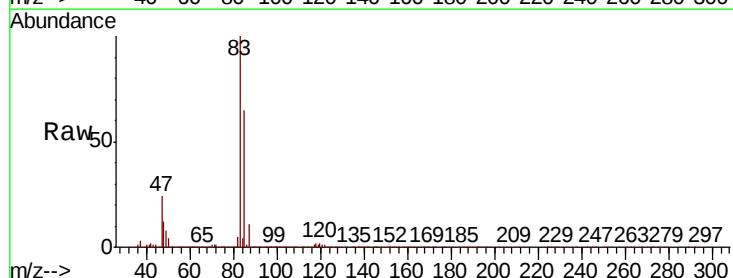
Manual Integrations
APPROVED

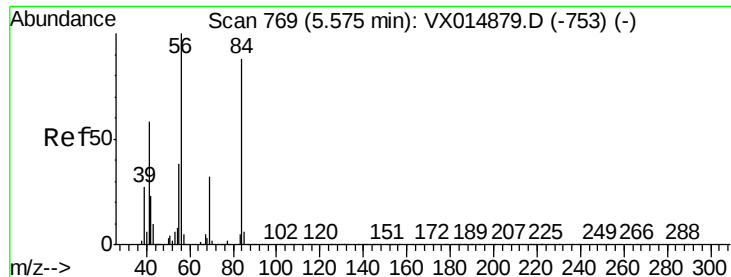
MMDadoda
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#30
Chloroform
Concen: 48.380 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.9	79.3





#31

Cyclohexane

Concen: 48.775 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

Instrument :

MSVOA_X

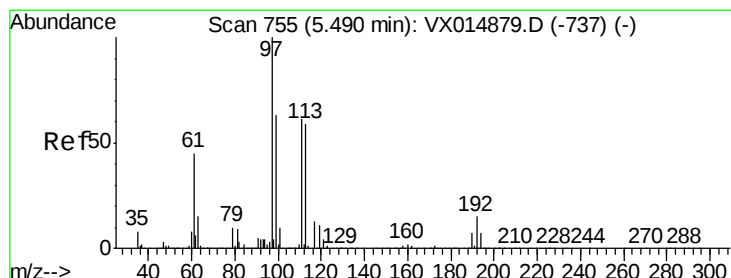
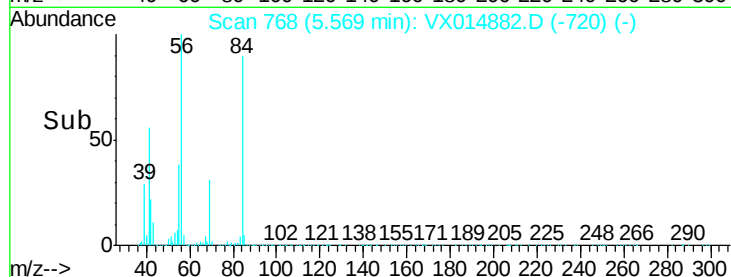
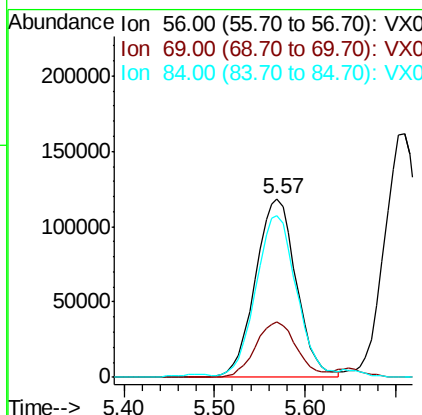
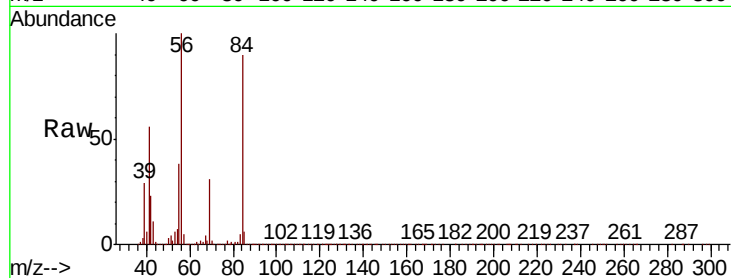
ClientSampleId :

ICVX021020

Tot Ion:	56	Resp:	369445
Ion Ratio	Lower	Upper	
56	100		
69	31.0	25.9	38.9
84	89.0	70.4	105.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 48.893 ug/l

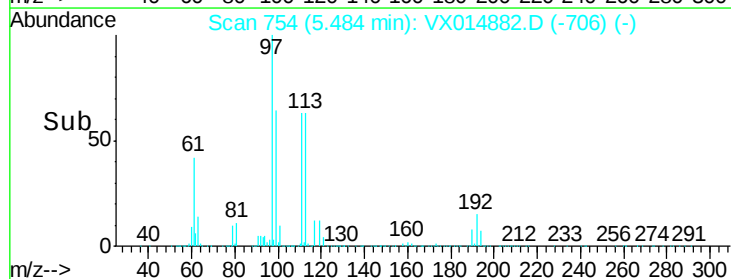
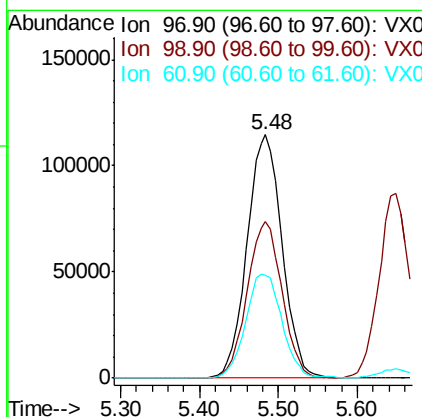
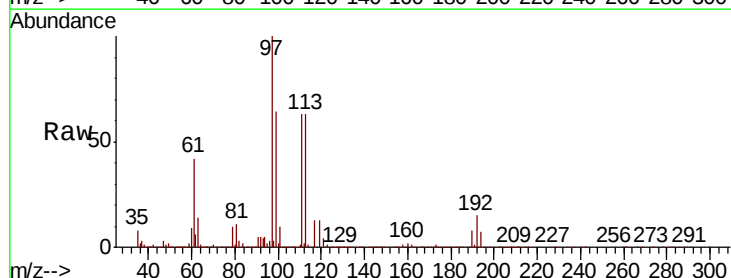
RT: 5.48 min Scan# 754

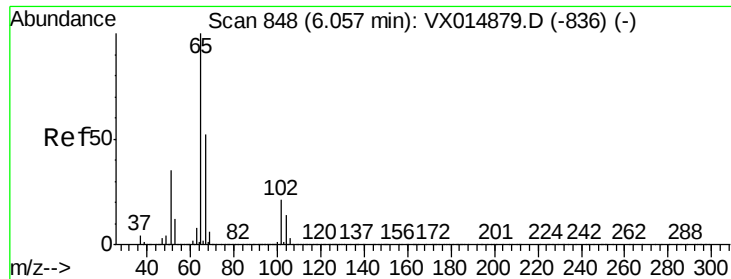
Delta R.T. -0.01 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

Tgt Ion:	97	Resp:	352886
Ion Ratio	Lower	Upper	
97	100		
99	64.0	51.0	76.6
61	44.1	36.3	54.5





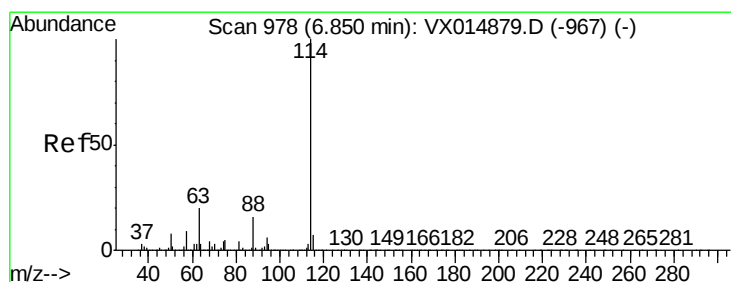
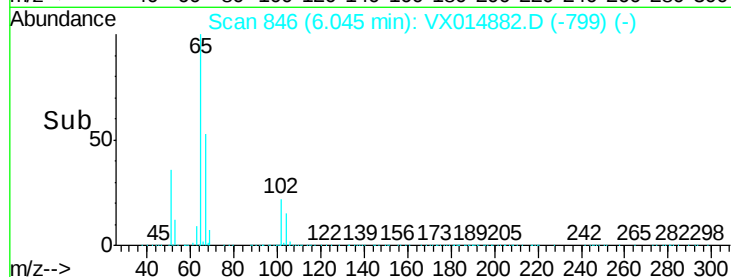
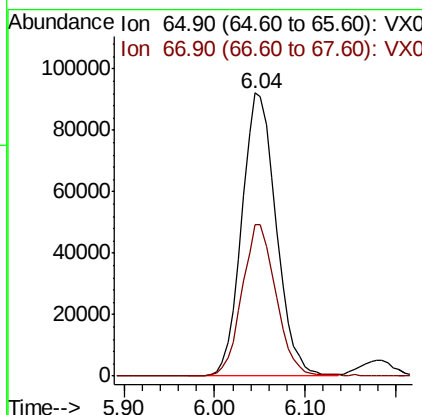
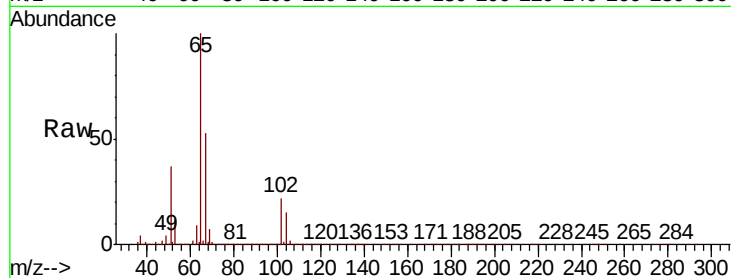
#33
 1,2-Dichloroethane-d4
 Concen: 45.055 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX014882.D
 Acq: 10 Feb 2020 12:22

Instrument :
 MSVOA_X
 ClientSampled :
 ICVVX021020

Tot Ion	Ratio	Resp	Lower	Upper
65	100	241398		
67	52.7	0.0	103.0	

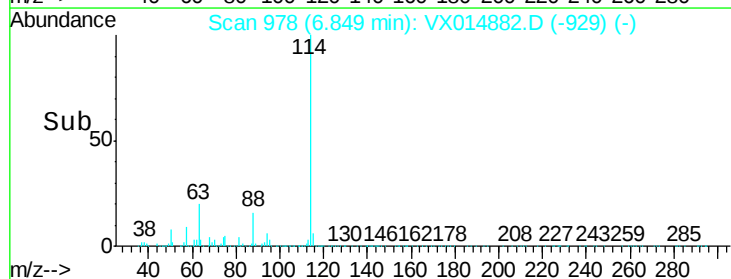
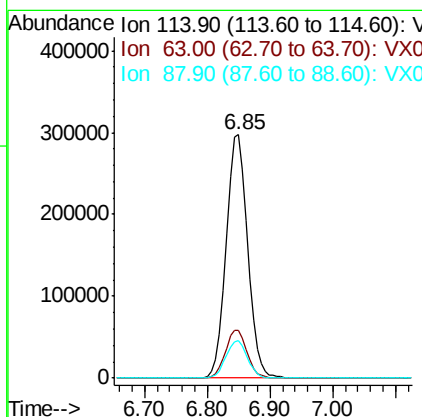
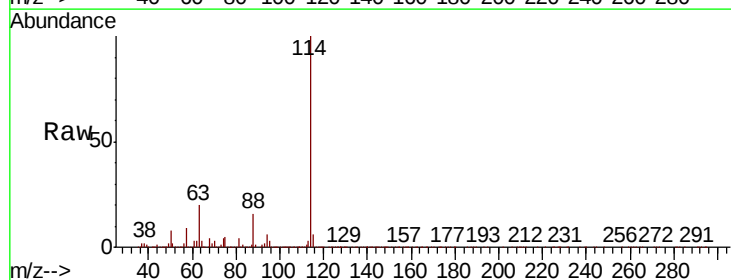
Manual Integrations
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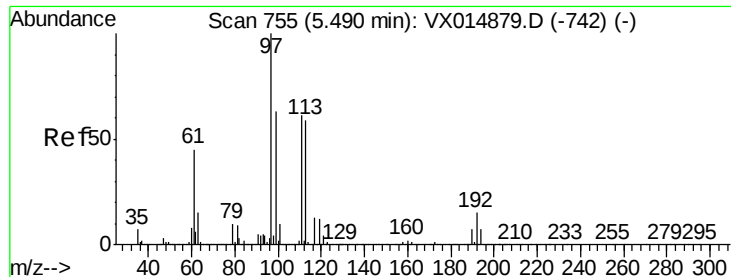
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX014882.D
 Acq: 10 Feb 2020 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	706119		
63	19.5	0.0	39.2	
88	15.5	0.0	32.0	





#35

Dibromofluoromethane

Concen: 46.385 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

Instrument :

MSVOA_X

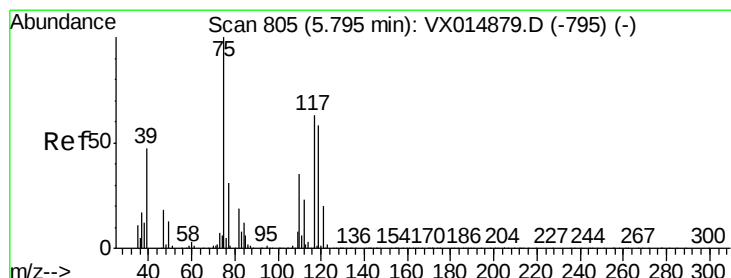
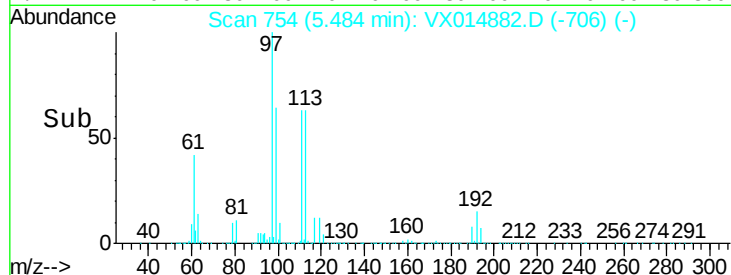
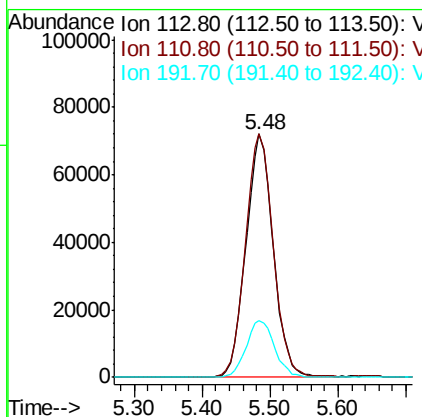
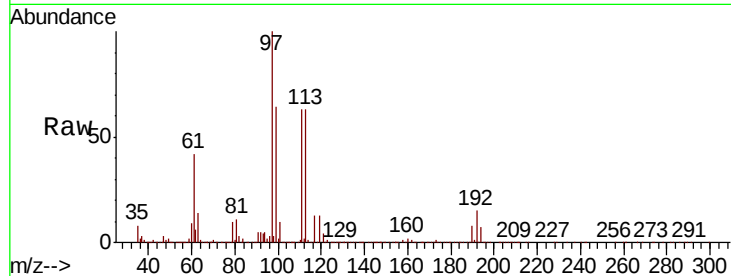
ClientSampleId :

ICVVX021020

Tot Ion:	113	Resp:	201360
Ion Ratio	Lower	Upper	
113	100		
111	101.7	82.4	123.6
192	24.6	19.1	28.7

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#36

1,1-Dichloropropene

Concen: 48.679 ug/l

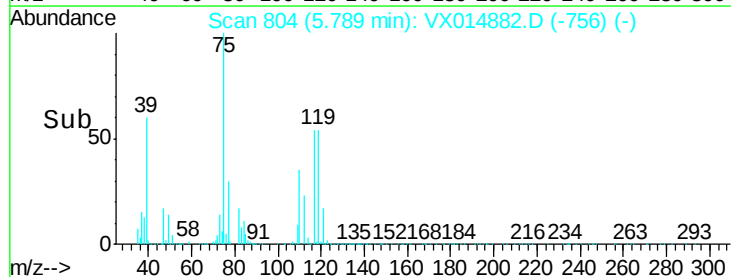
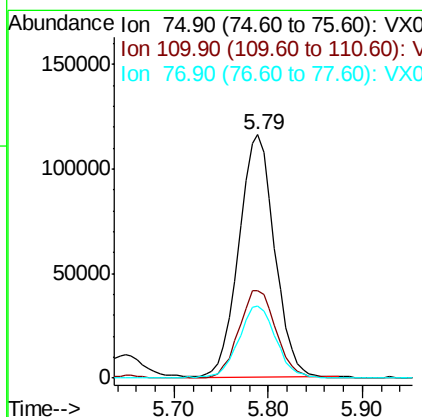
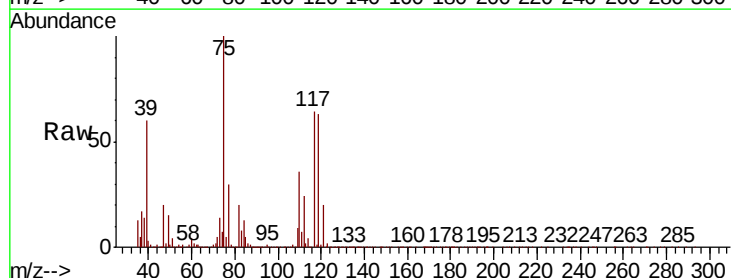
RT: 5.79 min Scan# 804

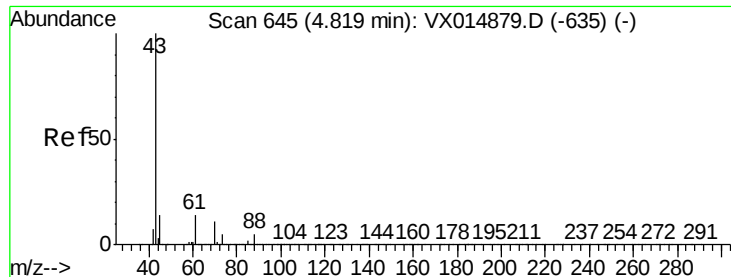
Delta R.T. -0.01 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

Tgt Ion:	75	Resp:	307476
Ion Ratio	Lower	Upper	
75	100		
110	37.6	18.3	54.8
77	30.8	24.6	36.8





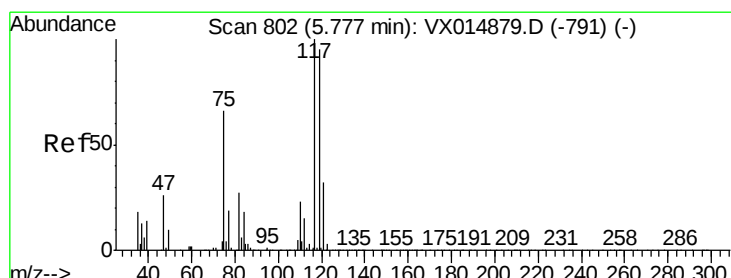
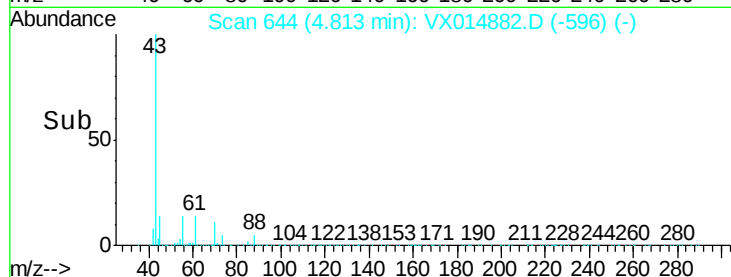
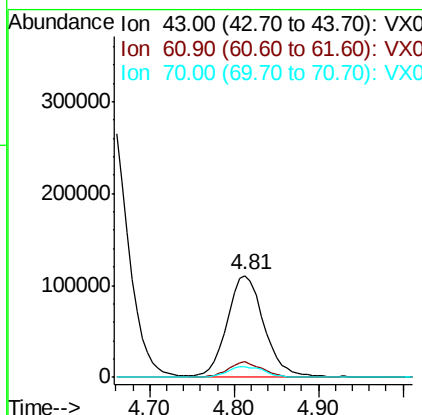
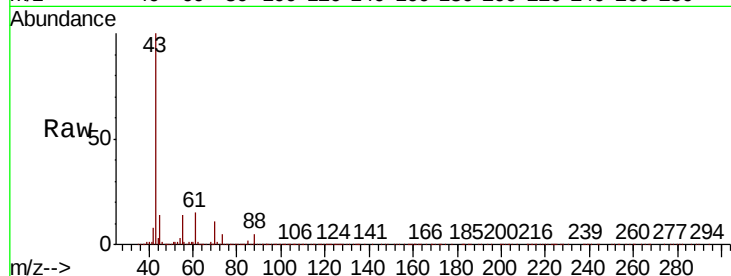
#37
Ethyl Acetate
Concen: 48.920 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX021020

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.9	16.3
70	10.7	8.7	13.1

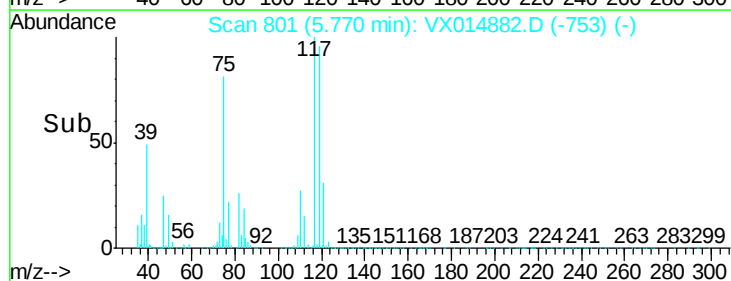
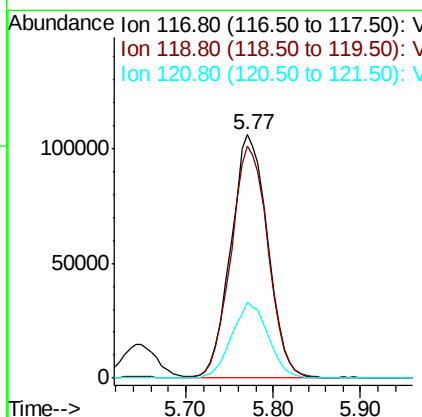
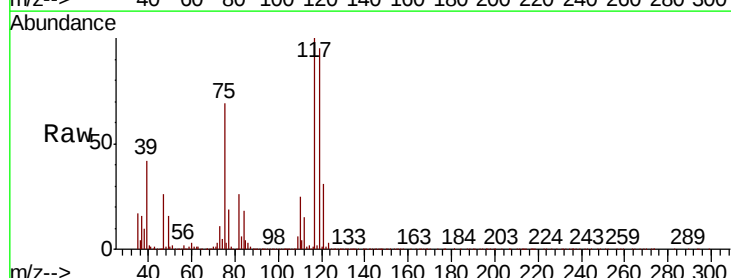
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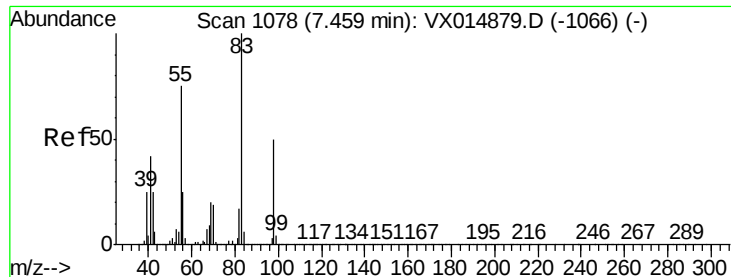
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#38
Carbon Tetrachloride
Concen: 50.225 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	76.0	114.0
121	31.2	25.4	38.2





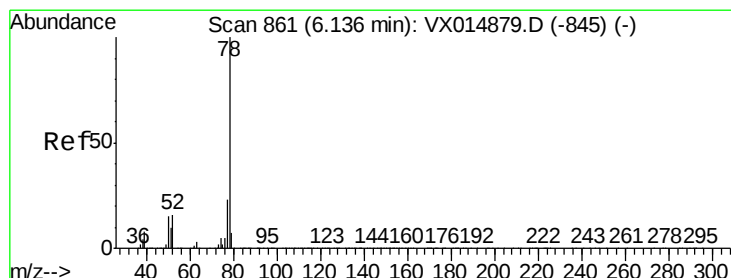
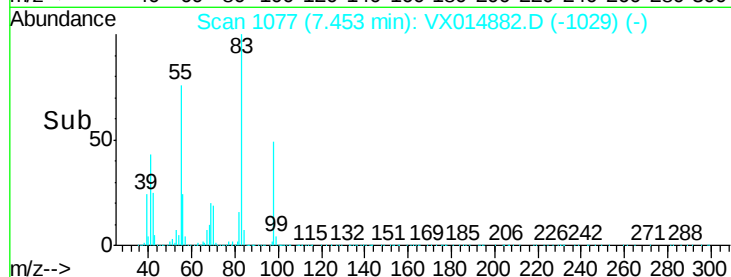
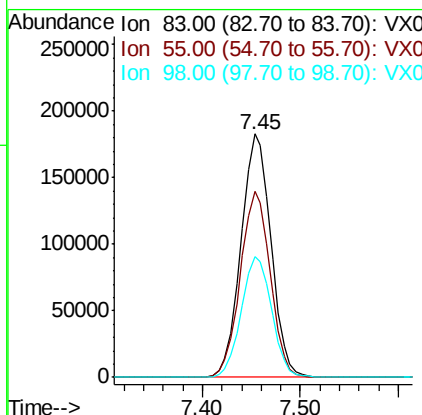
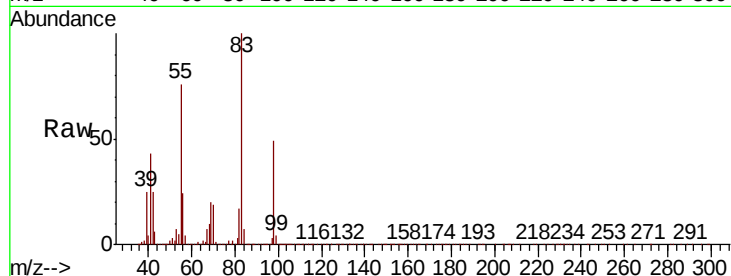
#39
Methvlcvclohexane
Concen: 49.279 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX021020

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.3	60.0	90.0
98	49.4	39.6	59.4

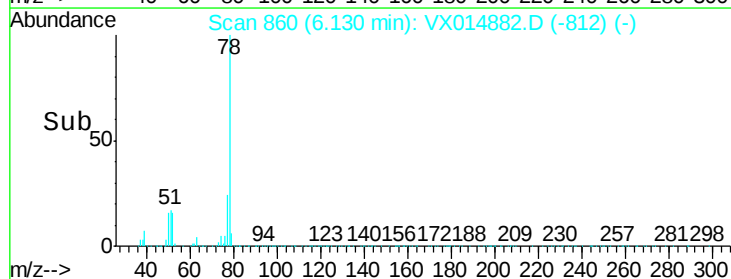
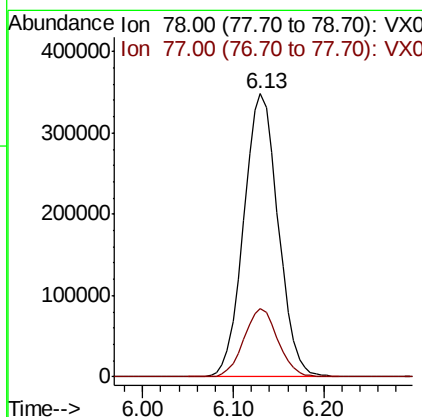
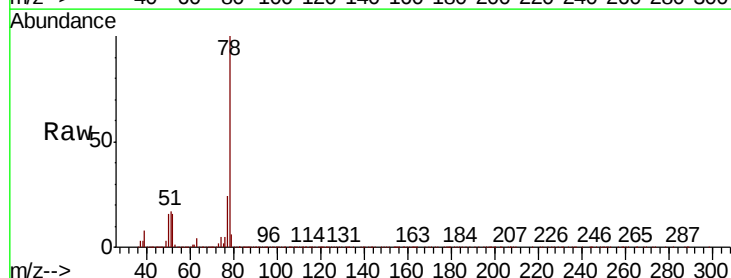
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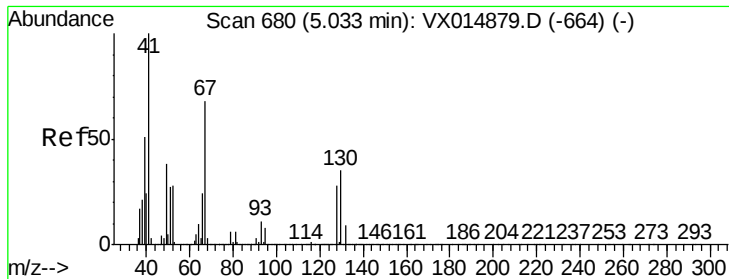
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#40
Benzene
Concen: 48.437 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.8	28.2





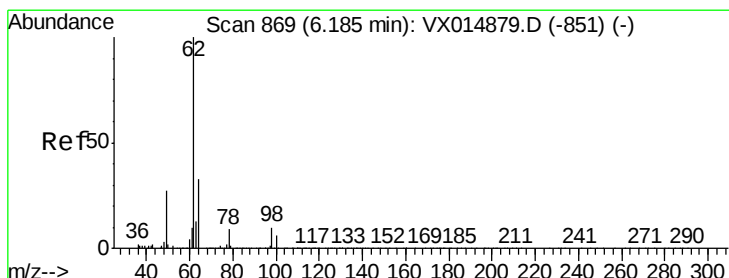
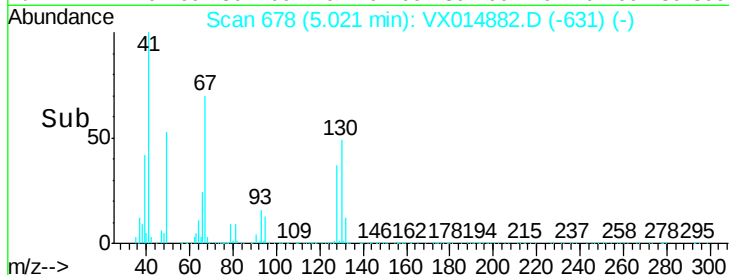
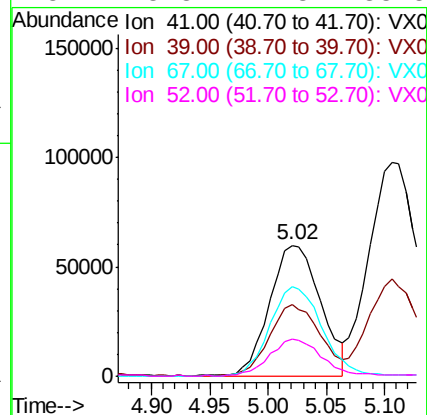
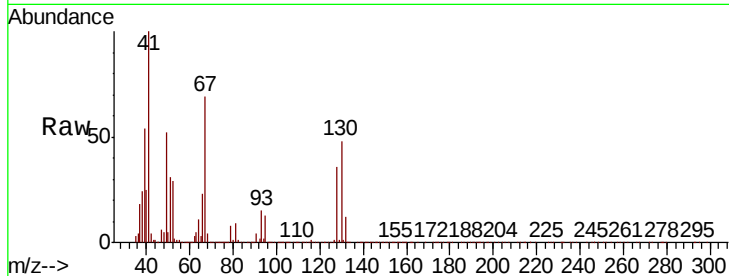
#41
Methacrylonitrile
Concen: 50.849 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX021020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		180466		
39	54.5	44.7	67.1		
67	71.7	56.6	84.8		
52	28.8	22.3	33.5		

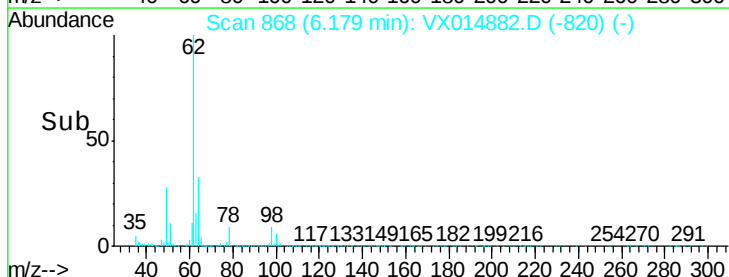
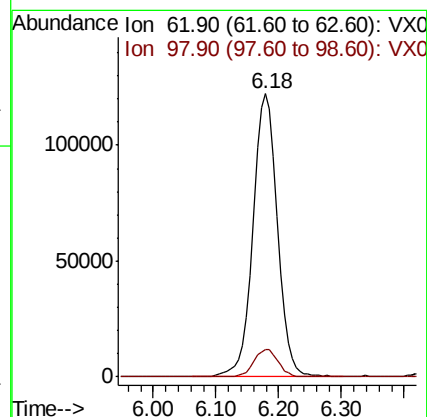
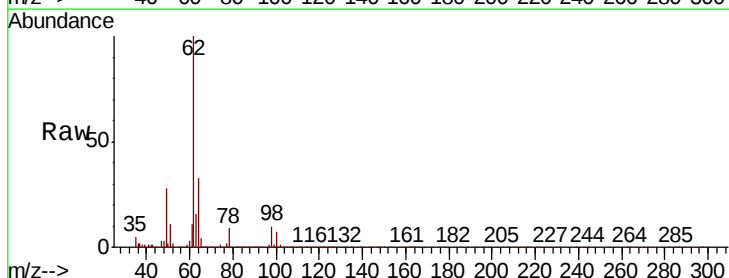
Manual Integrations
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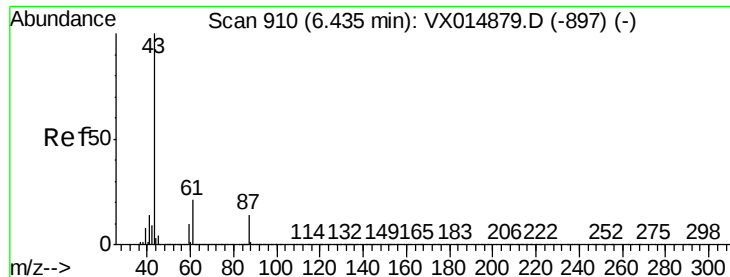
MMDadoda
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#42
1,2-Dichloroethane
Concen: 48.276 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		329292		
98	9.8	0.0	19.2		





#43

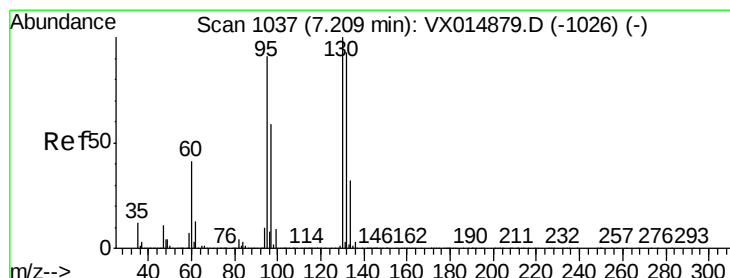
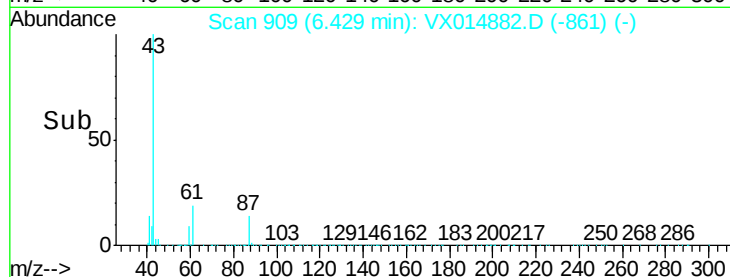
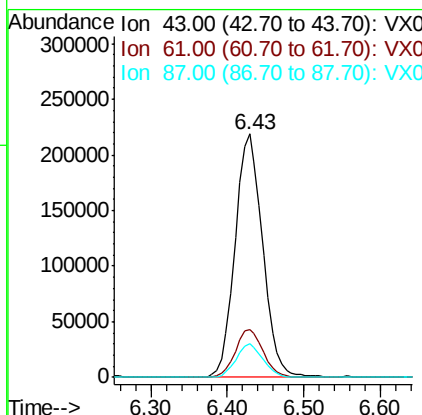
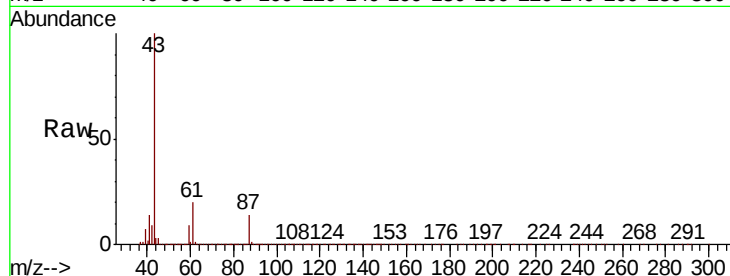
Isopropyl Acetate
 Concen: 50.044 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014882.D
 Acq: 10 Feb 2020 12:22

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX021020

Tot Ion:	43	Resp:	543862
Ion	Ratio	Lower	Upper
43	100		
61	19.9	16.2	24.4
87	13.3	11.0	16.6

Manual Integrations
 APPROVED

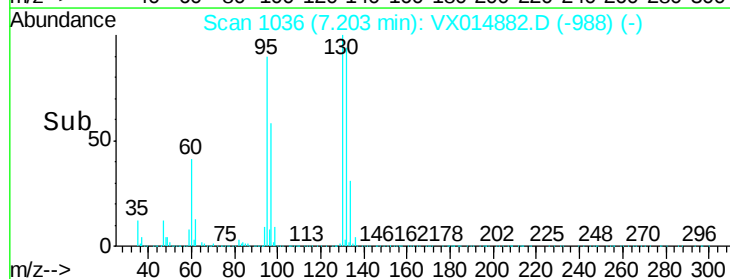
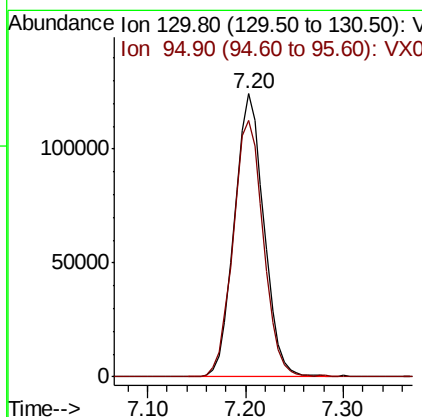
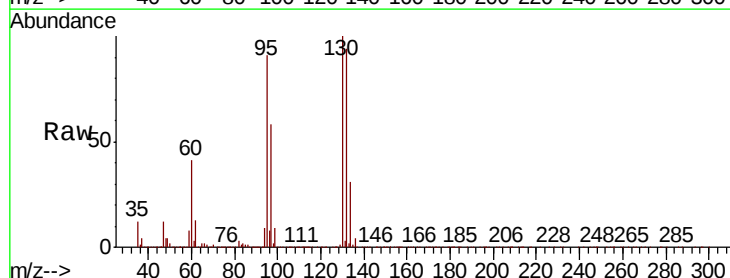
MMDadoda
 2/11/2020 10:36:27 AM

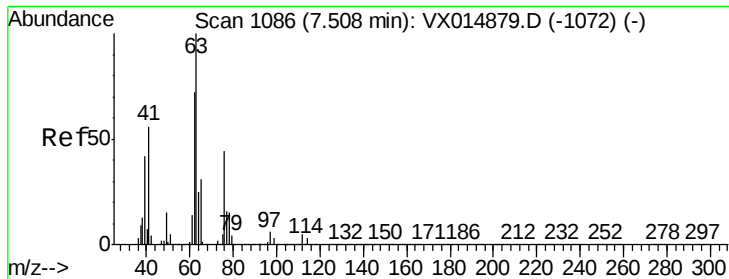


#44

Trichloroethene
 Concen: 47.516 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014882.D
 Acq: 10 Feb 2020 12:22

Tgt Ion:	130	Resp:	260323
Ion	Ratio	Lower	Upper
130	100		
95	90.4	0.0	182.6





#45

1,2-Dichloropropane

Concen: 48.880 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

Instrument :

MSVOA_X

ClientSampleId :

ICVX021020

Tot Ion: 63 Resp: 235262

Ion Ratio Lower Upper

63 100

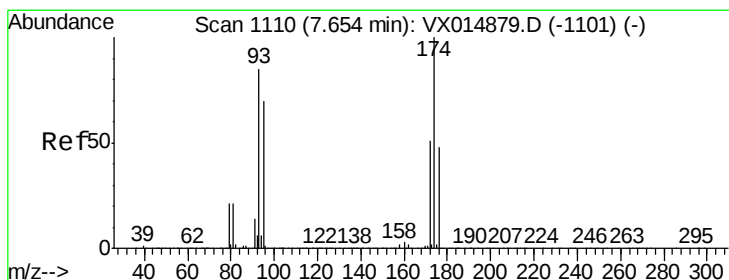
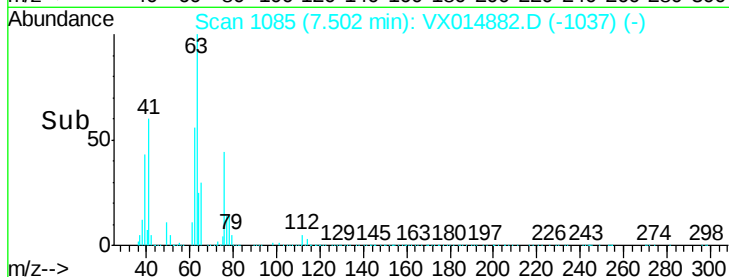
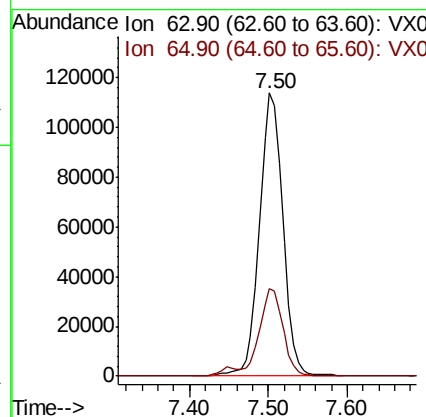
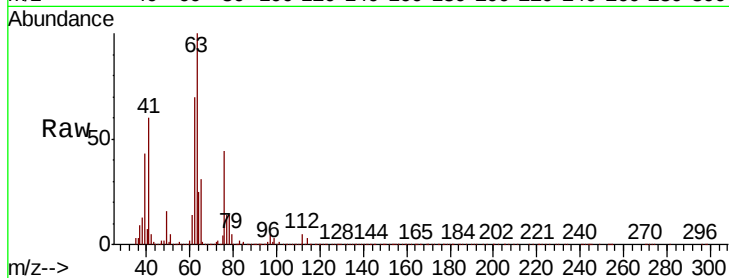
65 31.0 24.9 37.3

Manual Integrations

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#46

Dibromomethane

Concen: 47.995 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

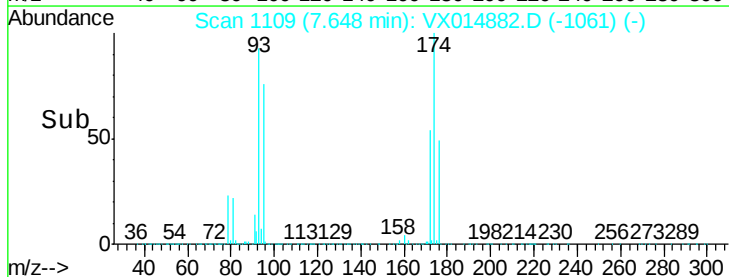
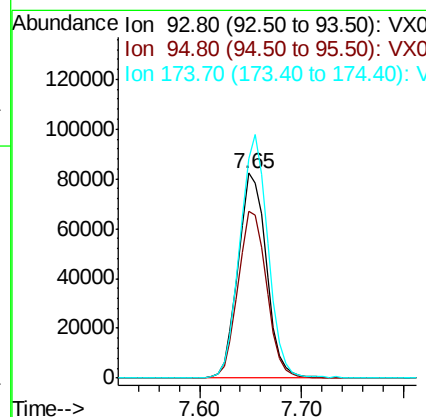
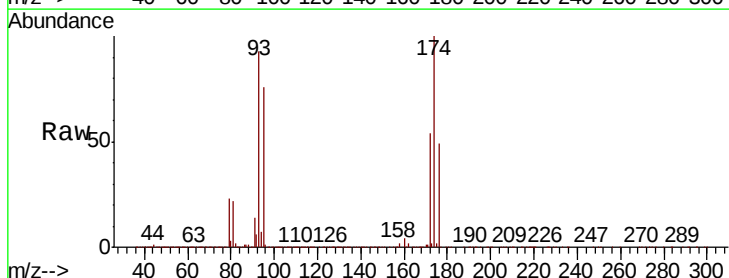
Tgt Ion: 93 Resp: 157902

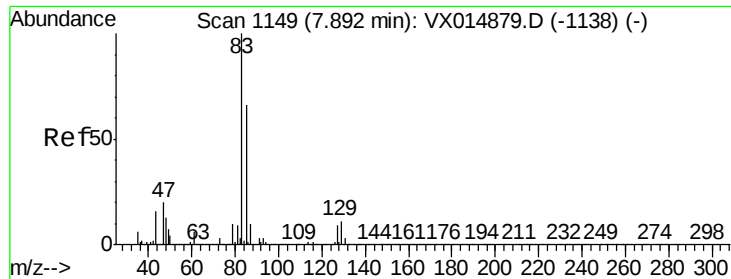
Ion Ratio Lower Upper

93 100

95 82.5 65.8 98.8

174 117.6 95.4 143.2





#47

Bromodichloromethane

Concen: 48.526 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

Instrument :

MSVOA_X

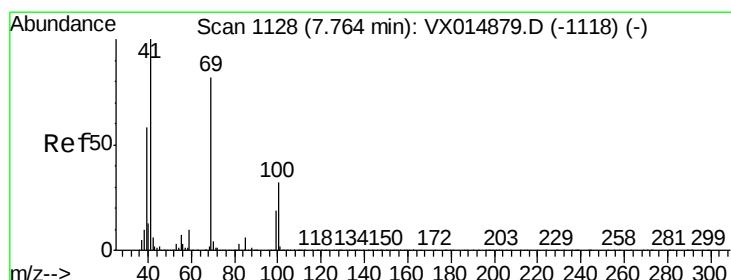
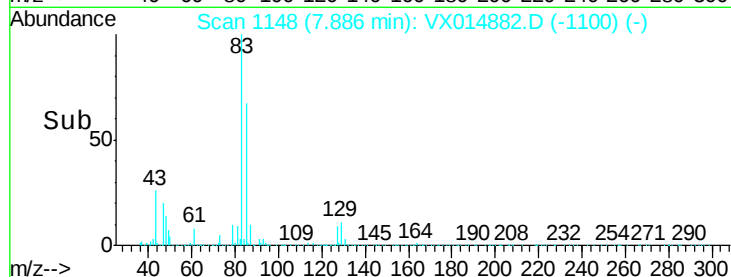
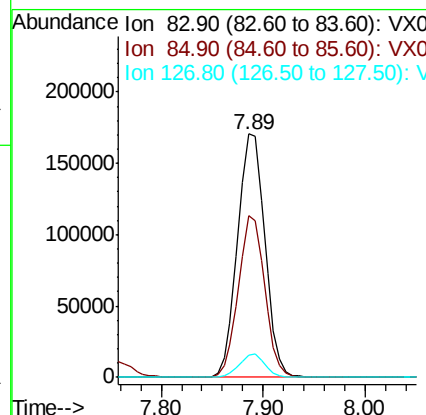
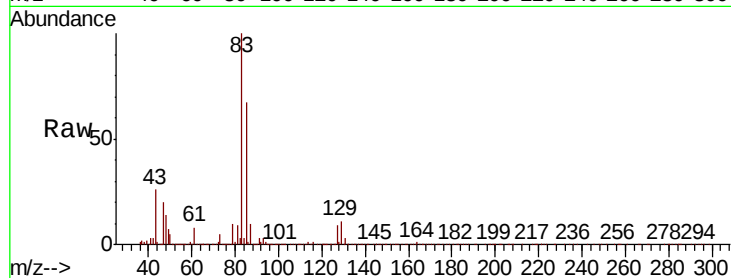
ClientSampleId :

ICVVX021020

Tot Ion:	83	Resp:	316551
Ion Ratio	Lower	Upper	
83	100		
85	66.6	52.5	78.7
127	8.9	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 50.757 ug/l

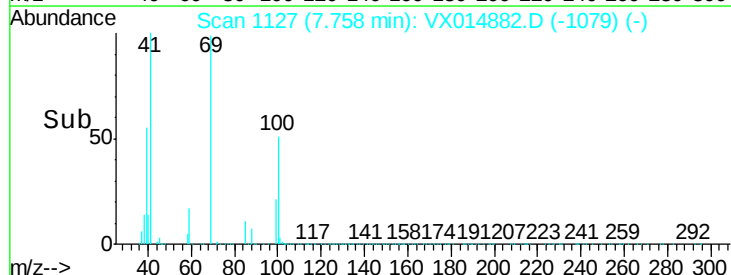
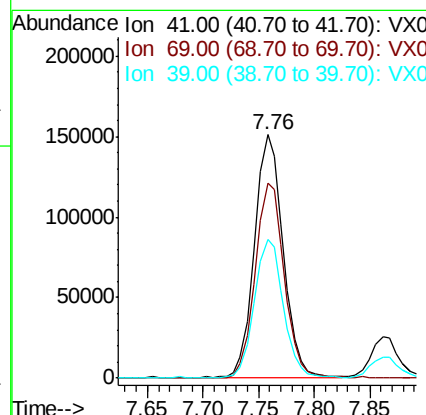
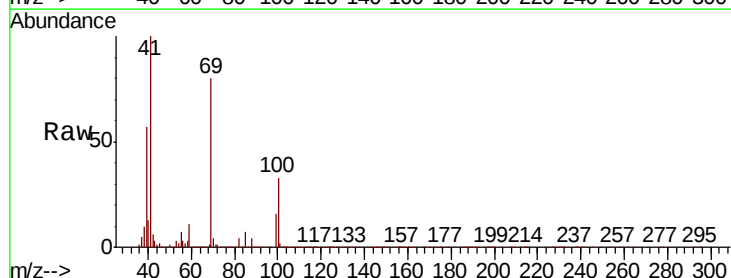
RT: 7.76 min Scan# 1127

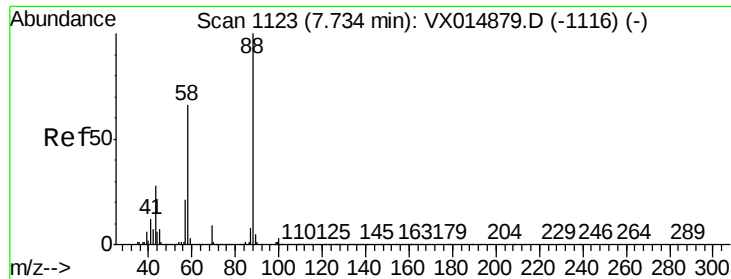
Delta R.T. -0.01 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

Tgt Ion:	41	Resp:	271467
Ion Ratio	Lower	Upper	
41	100		
69	81.3	65.7	98.5
39	57.3	45.8	68.8





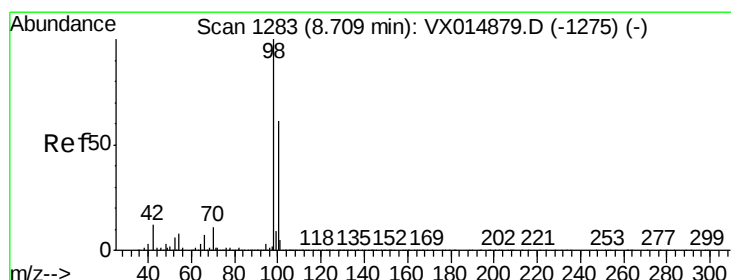
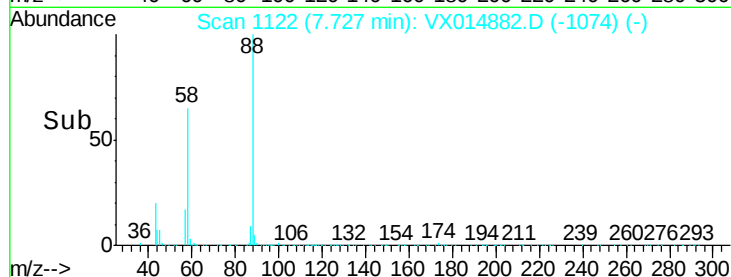
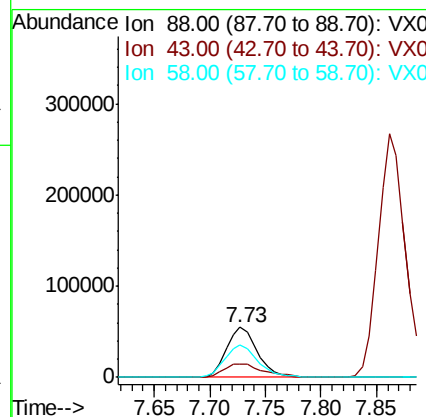
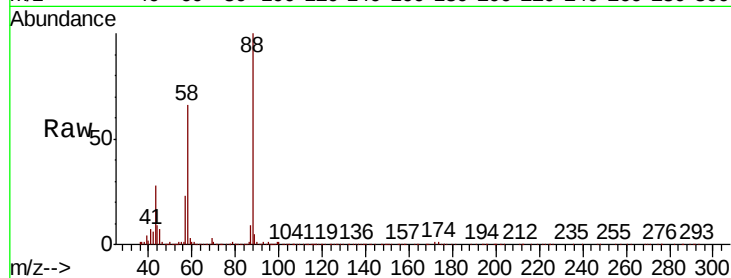
#49
1,4-Dioxane
Concen: 1045.487 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX021020

Tot Ion	Ratio	Resp	Lower	Upper
88	100			
43	33.7	27.0	40.4	
58	67.6	53.2	79.8	

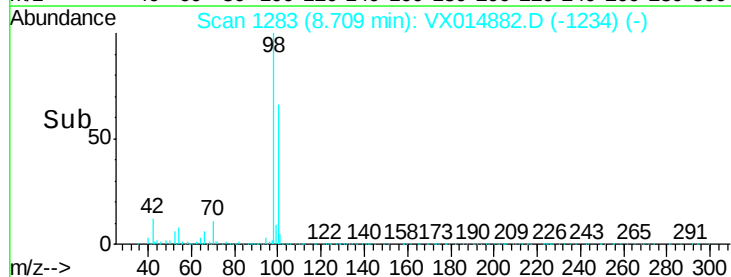
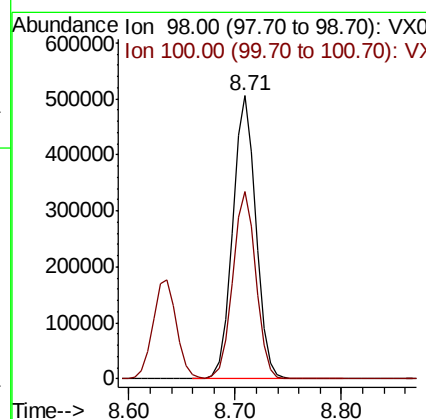
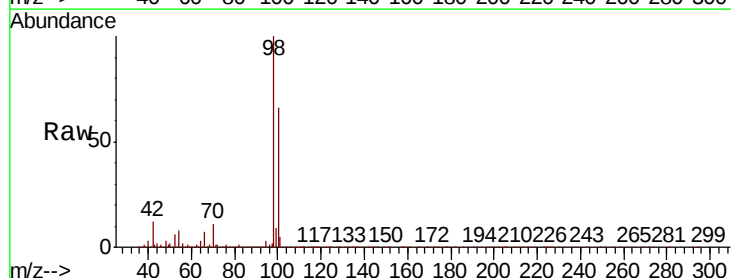
Manual Integrations
APPROVED

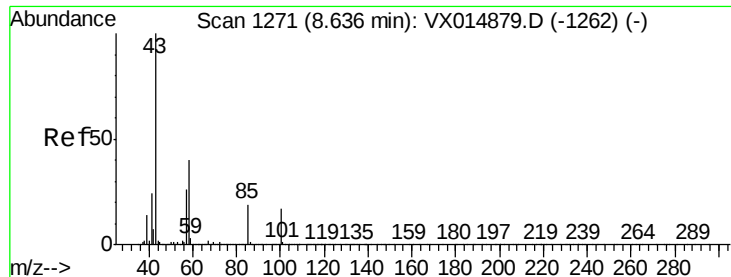
MMDadoda
2/11/2020 10:36:27 AM



#50
Toluene-d8
Concen: 46.604 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
98	100			
100	66.0	52.4	78.6	





#51

4-Methyl-2-Pentanone

Concen: 251.802 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

Instrument :

MSVOA_X

ClientSampled :

ICVX021020

Tot Ion: 43 Resp: 1652362

Ion Ratio Lower Upper

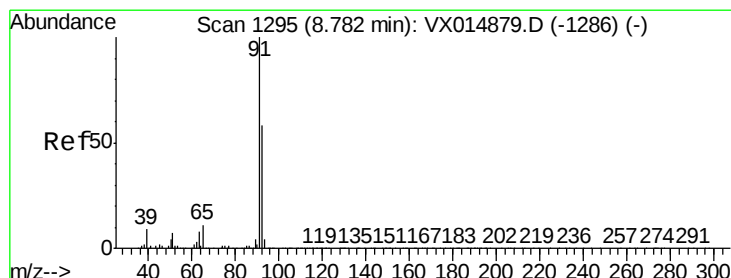
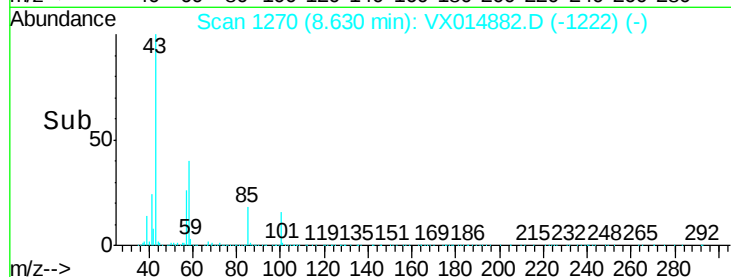
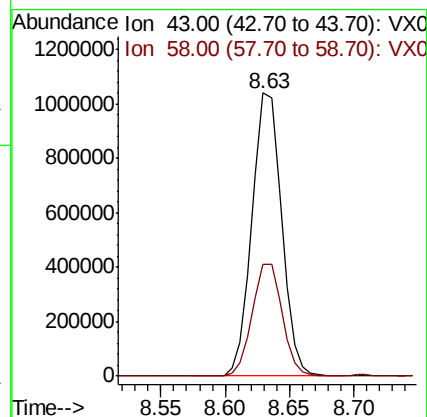
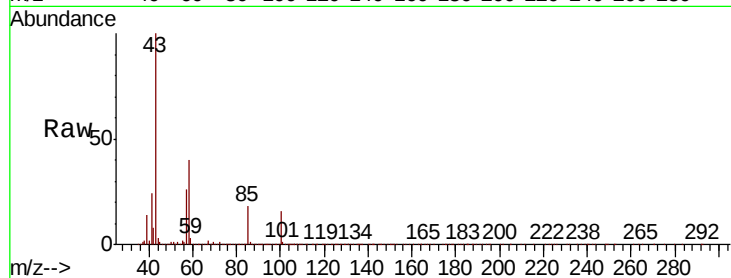
43 100

58 39.8 31.9 47.9

Manual Integrations
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#52

Toluene

Concen: 48.915 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014882.D

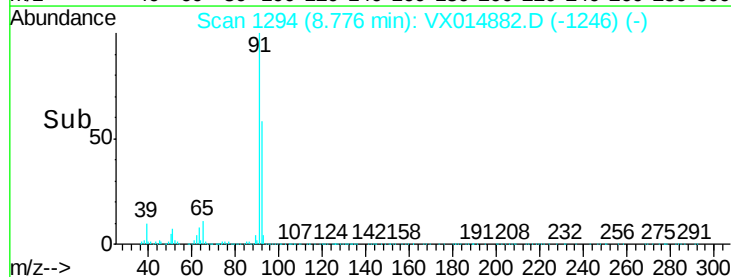
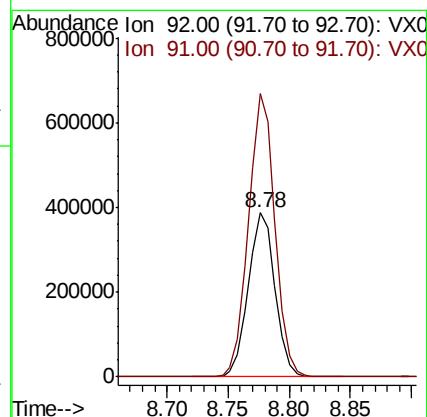
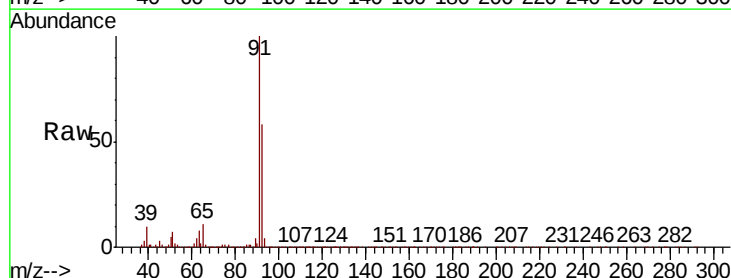
Acq: 10 Feb 2020 12:22

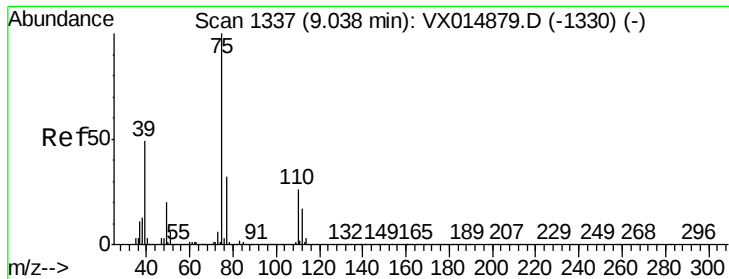
Tgt Ion: 92 Resp: 586319

Ion Ratio Lower Upper

92 100

91 171.0 137.0 205.4





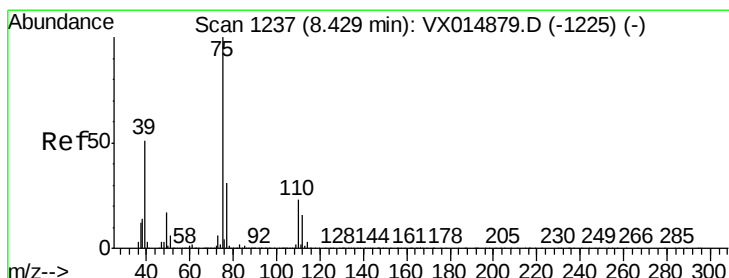
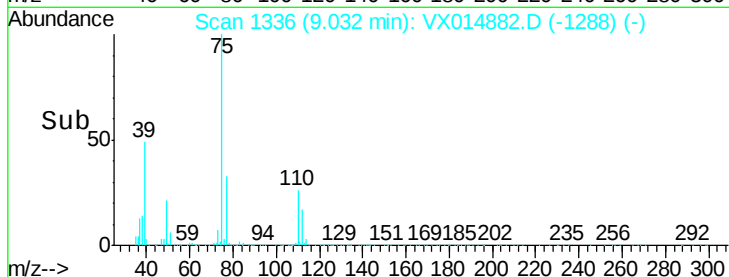
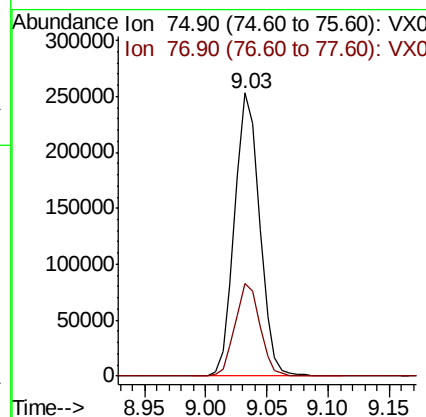
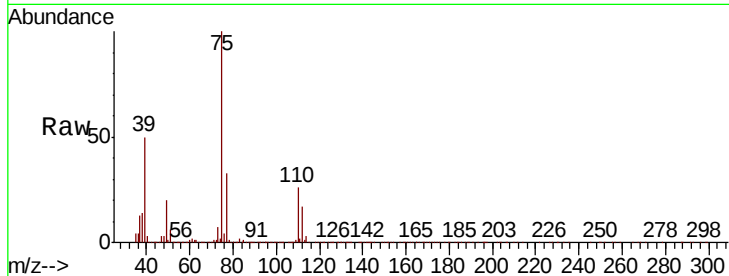
#53
t-1,3-Dichloropropene
Concen: 50.024 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

Instrument :
MSVOA_X
ClientSampled :
ICVVX021020

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.8	25.5	38.3

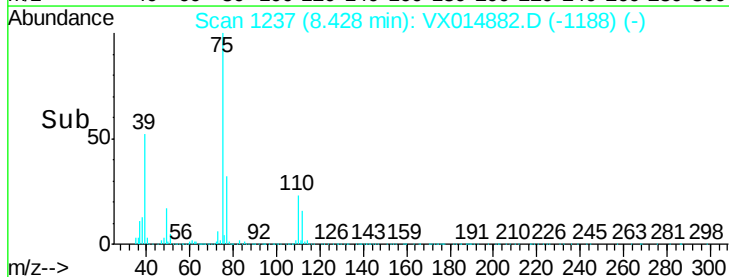
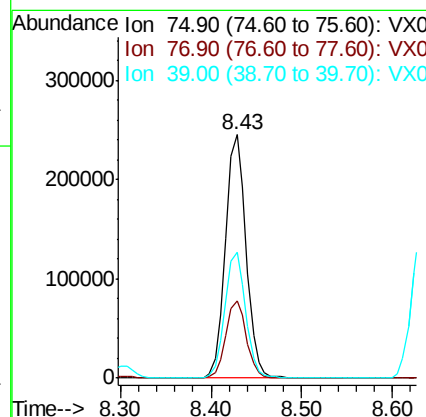
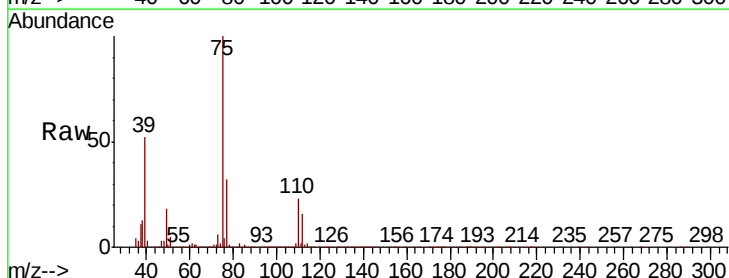
Manual Integrations
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2/11/2020 10:36:27 AM



#54
cis-1,3-Dichloropropene
Concen: 49.322 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.8	24.6	37.0
39	51.7	40.9	61.3





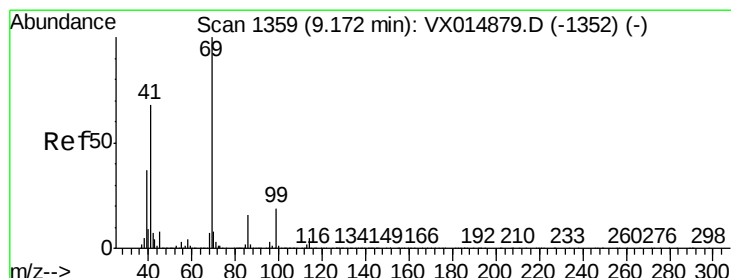
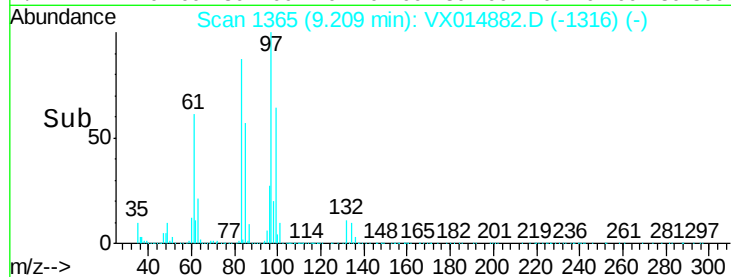
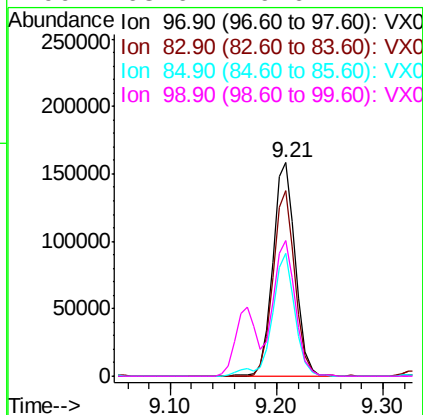
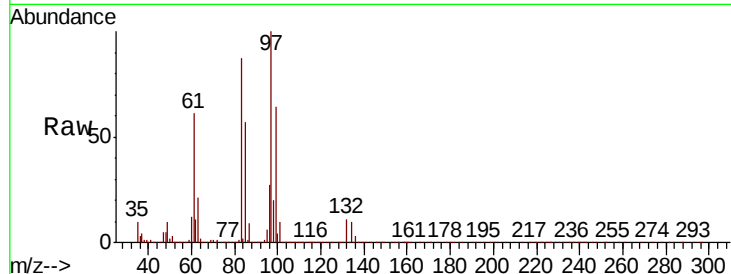
#55
 1,1,2-Trichloroethane
 Concen: 48.030 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX014882.D
 Acq: 10 Feb 2020 12:22

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX021020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		232927		
83	86.7	66.6	99.8		
85	57.4	43.5	65.3		
99	63.6	49.6	74.4		

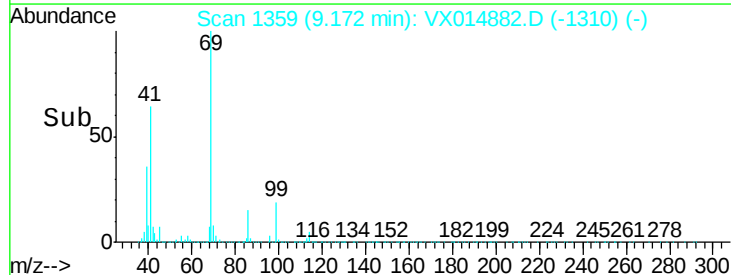
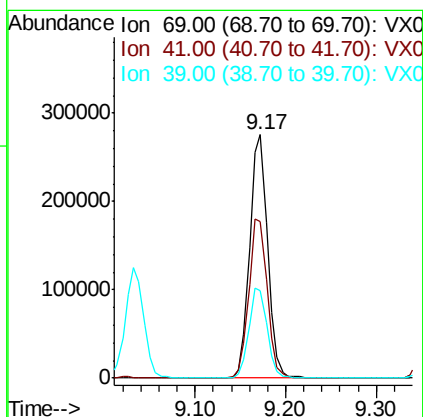
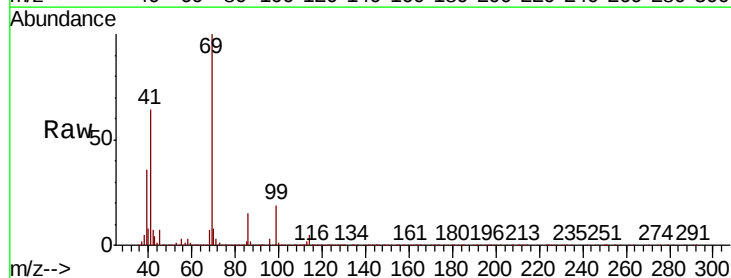
Manual Integrations
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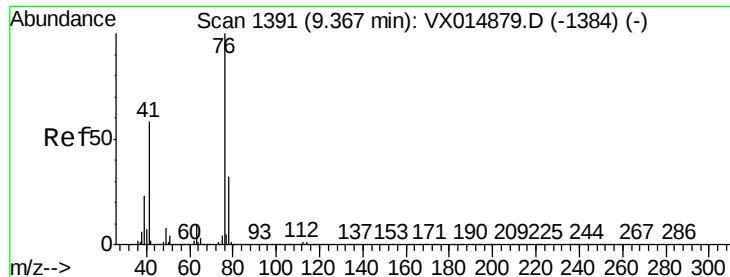
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 2/11/2020 10:36:27 AM



#56
 Ethyl methacrylate
 Concen: 51.829 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX014882.D
 Acq: 10 Feb 2020 12:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		377798		
41	66.9	54.8	82.2		
39	37.3	29.9	44.9		





#57

1,3-Dichloropropane

Concen: 47.708 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX021020

Tot Ion: 76 Resp: 389461

Ion Ratio Lower Upper

76 100

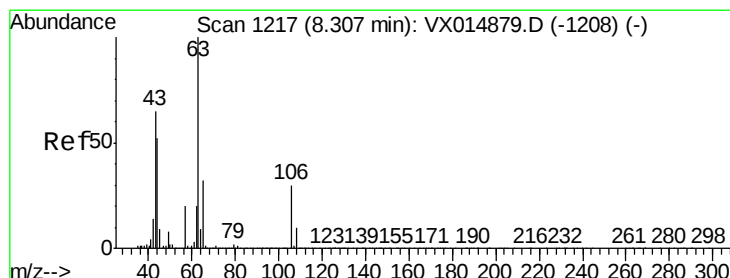
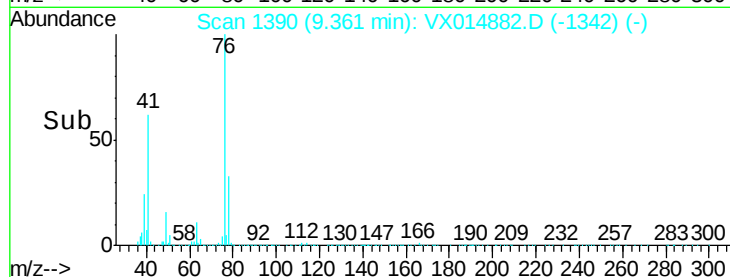
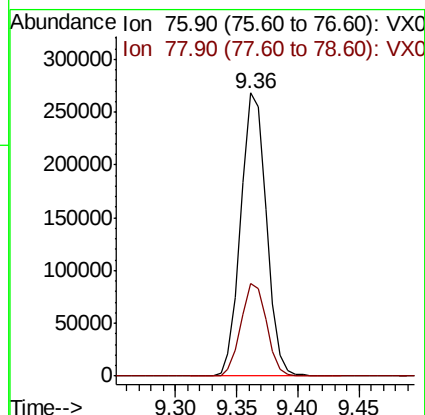
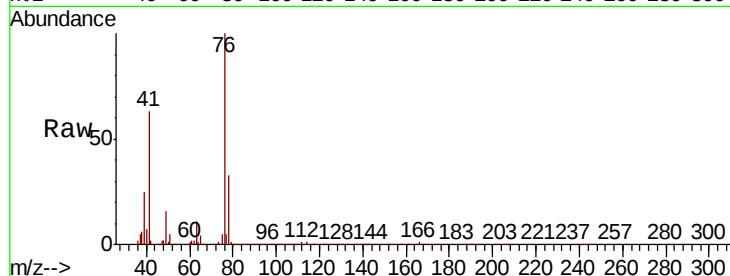
78 32.6 25.8 38.8

Manual Integrations

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MMDadoda

2/11/2020 10:36:27 AM



#58

2-Chloroethyl Vinyl ether

Concen: 247.509 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014882.D

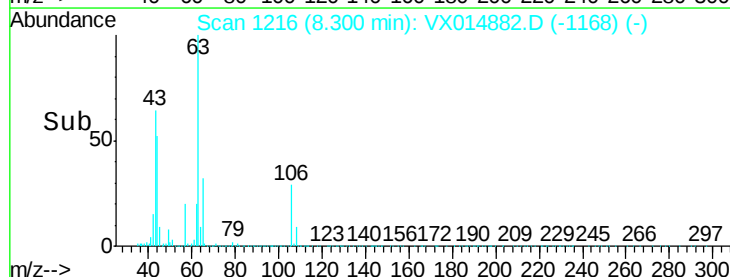
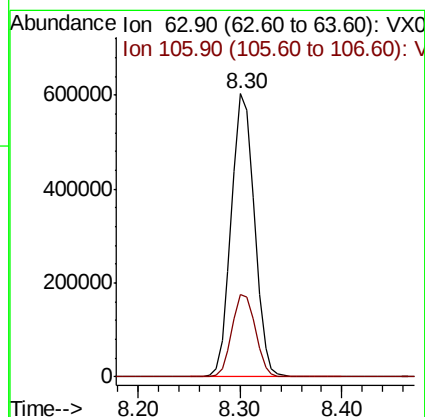
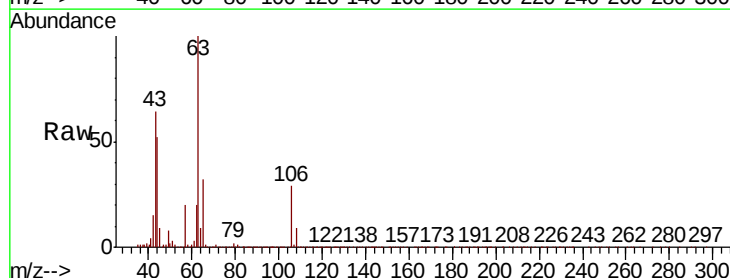
Acq: 10 Feb 2020 12:22

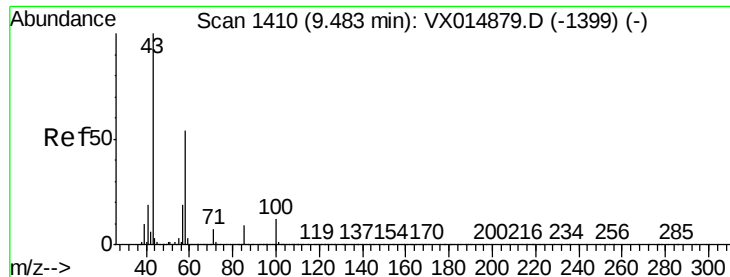
Tgt Ion: 63 Resp: 943550

Ion Ratio Lower Upper

63 100

106 29.7 23.8 35.8





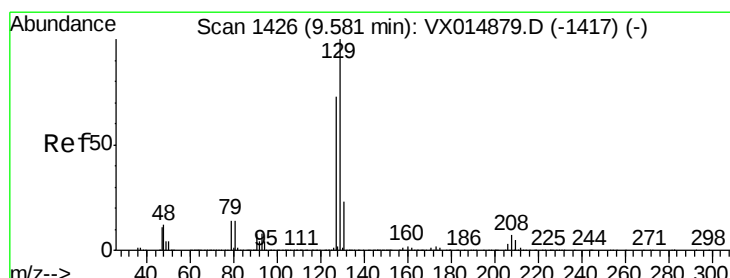
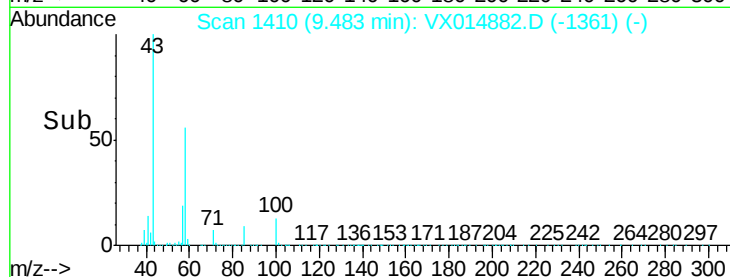
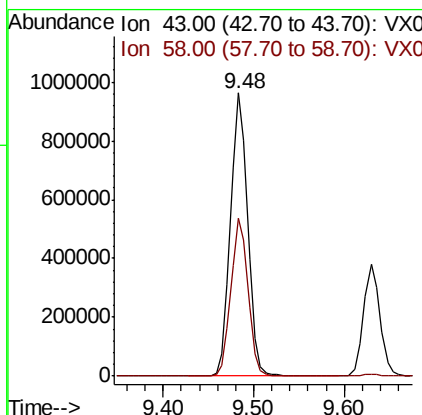
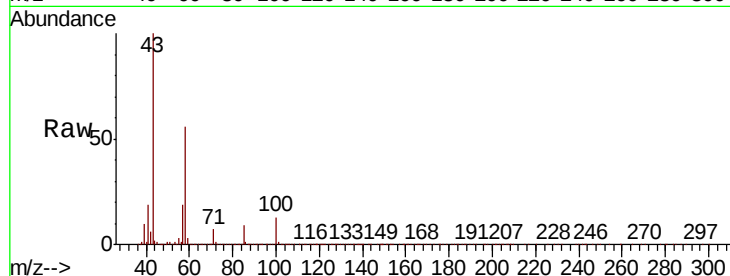
#59
2-Hexanone
Concen: 246.301 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

Instrument :
MSVOA_X
ClientSampled :
ICVVX021020

Tot Ion: 43 Resp: 1270406
Ion Ratio Lower Upper
43 100
58 55.6 27.5 82.5

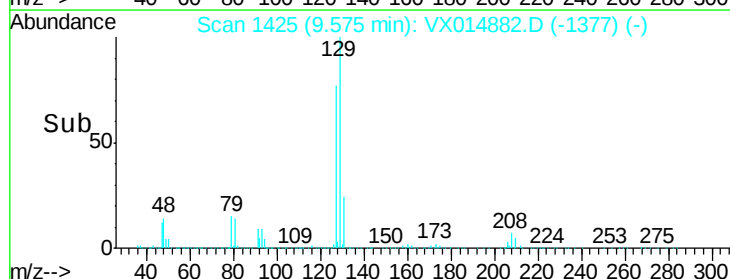
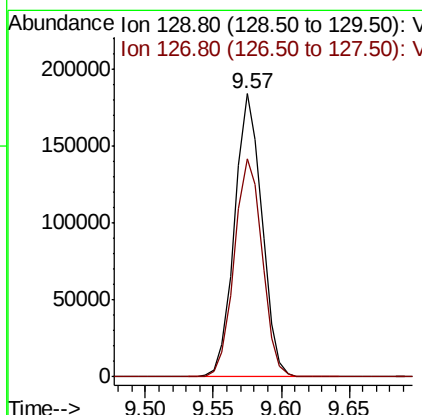
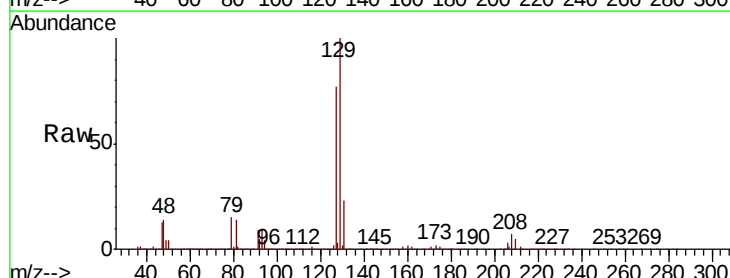
Manual Integrations
APPROVED

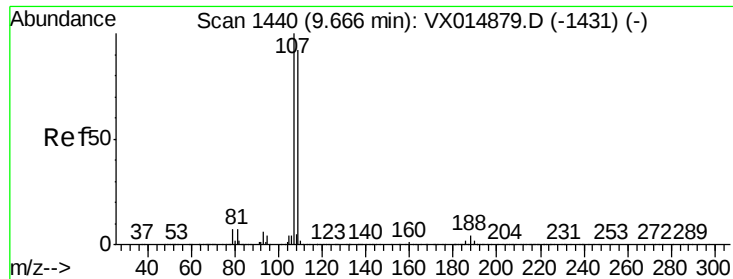
MMDadoda
2/11/2020 10:36:27 AM



#60
Dibromochloromethane
Concen: 49.454 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

Tgt Ion: 129 Resp: 258096
Ion Ratio Lower Upper
129 100
127 78.5 37.8 113.3





#61

1,2-Dibromoethane

Concen: 47.741 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX021020

Tot Ion: 107 Resp: 249810

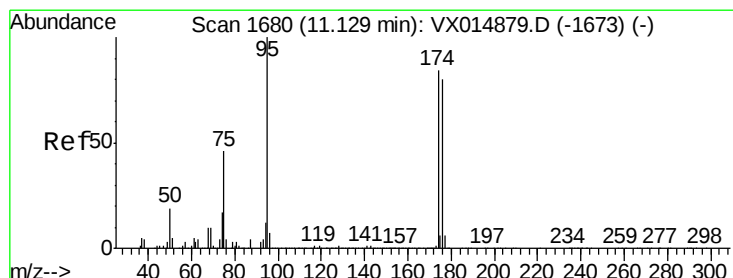
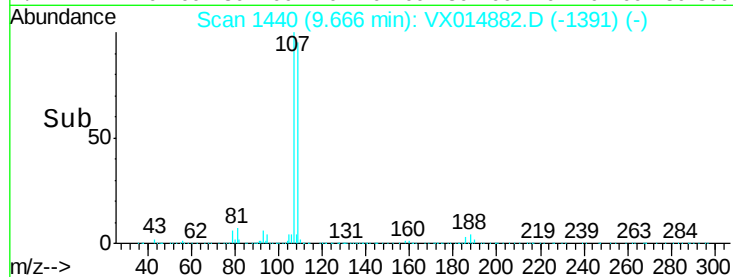
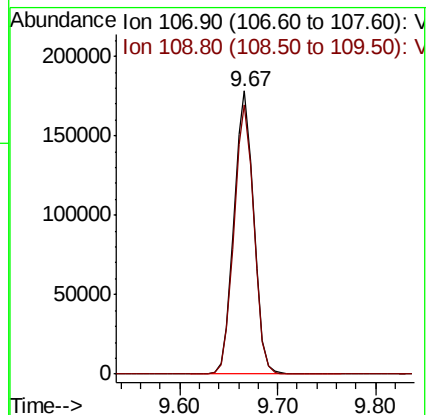
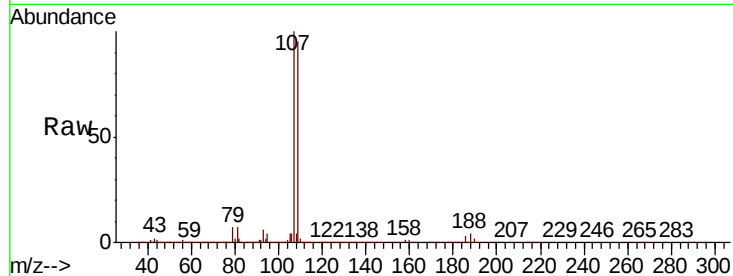
Ion Ratio Lower Upper

107 100

109 95.3 75.6 113.4

Manual Integrations
APPROVED

MMDadoda
2/11/2020 10:36:27 AM



#62

4-Bromofluorobenzene

Concen: 46.129 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

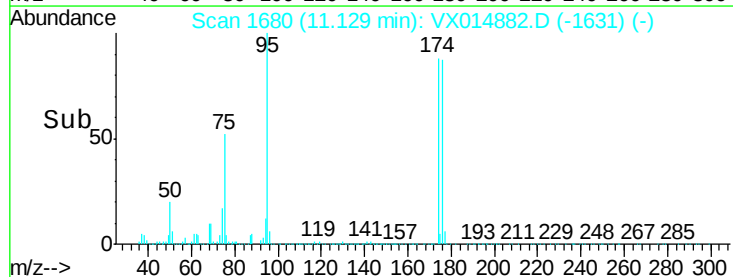
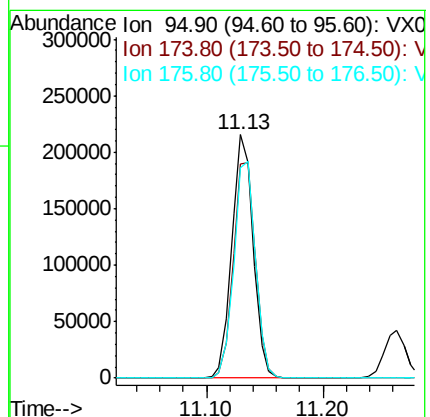
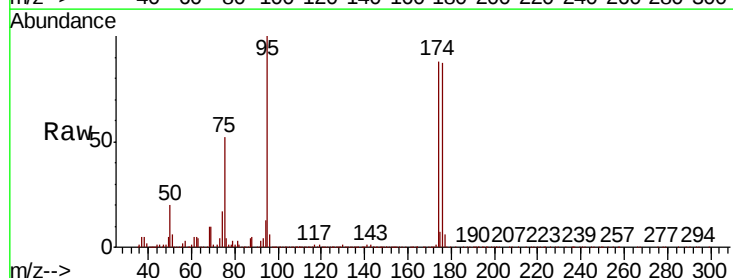
Tgt Ion: 95 Resp: 275346

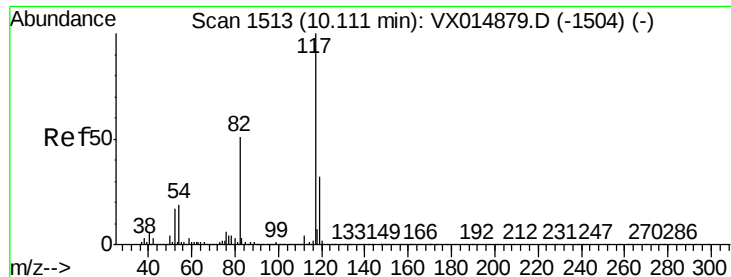
Ion Ratio Lower Upper

95 100

174 92.2 0.0 183.0

176 90.7 0.0 178.0





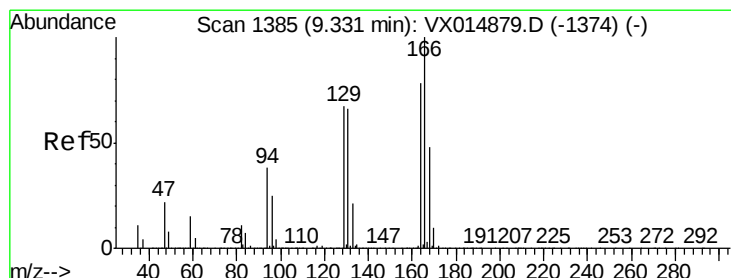
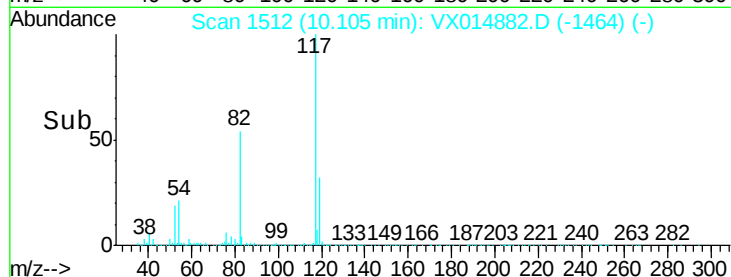
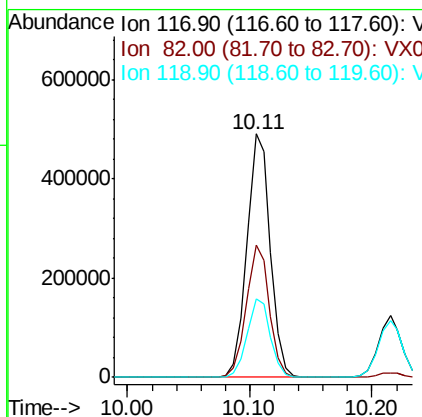
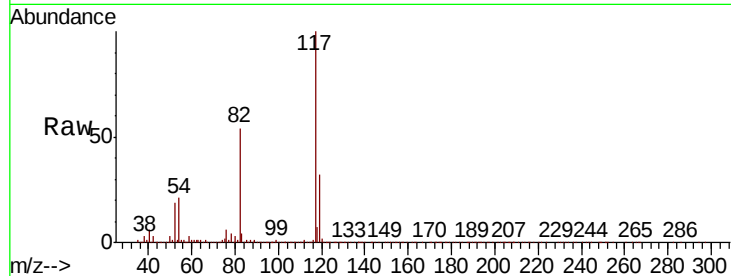
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX021020

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	40.5	60.7
119	32.4	25.8	38.6

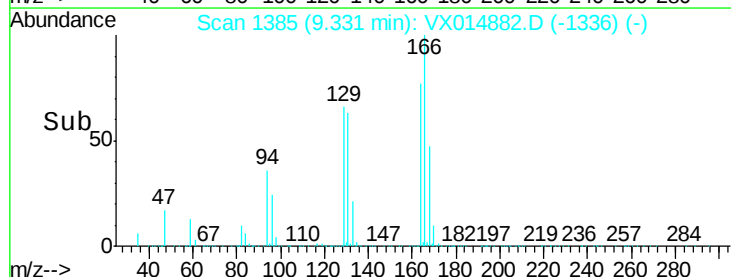
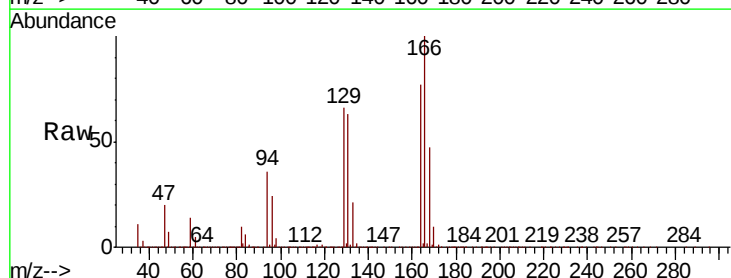
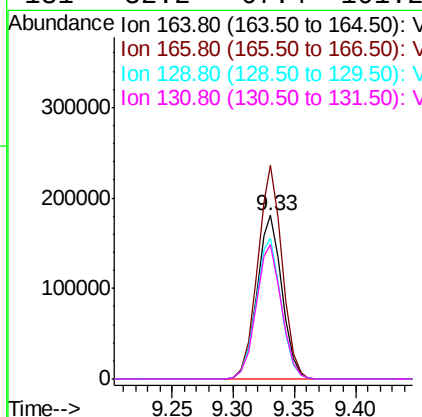
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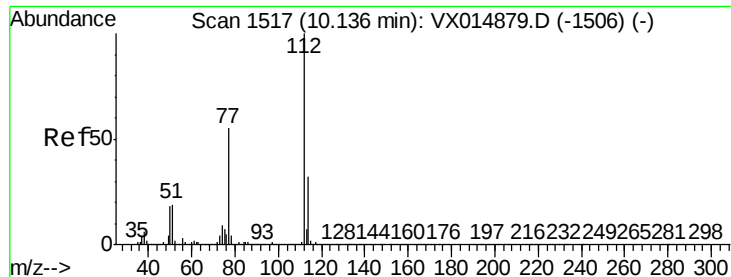
MMDadoda
2/11/2020 10:36:27 AM



#64
Tetrachloroethene
Concen: 42.559 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.7	102.6	153.8
129	86.0	68.3	102.5
131	82.2	67.4	101.2





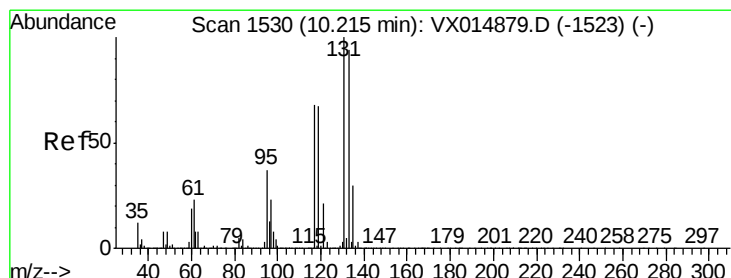
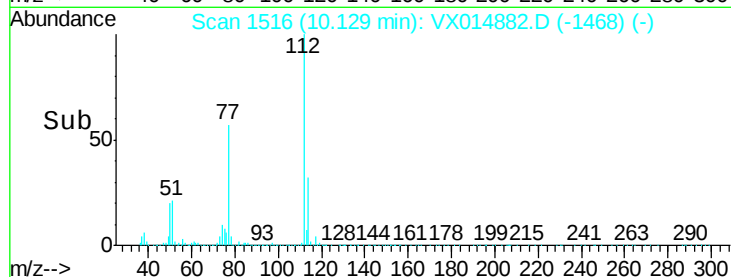
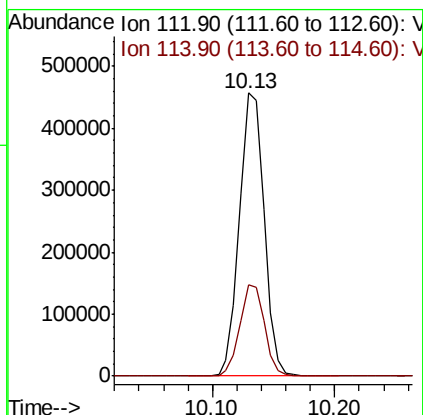
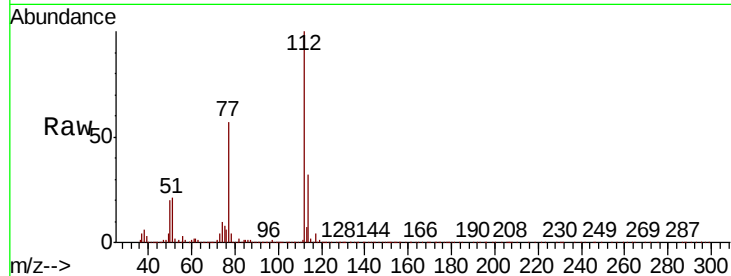
#65
Chlorobenzene
Concen: 48.683 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX021020

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.5	25.6	38.4

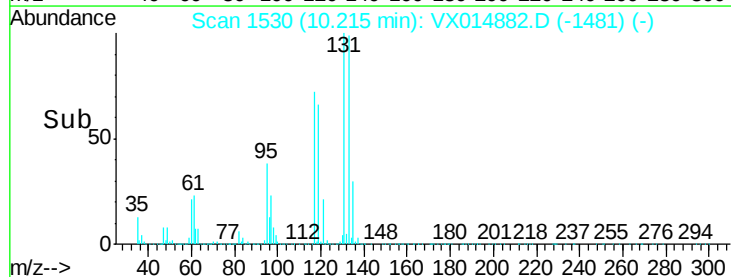
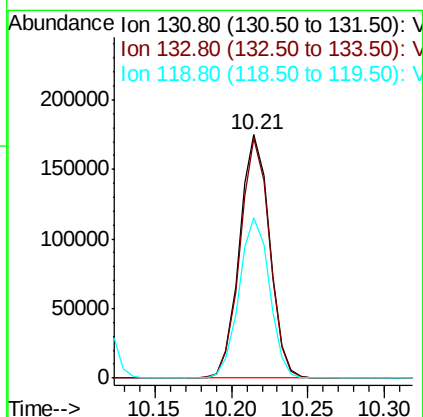
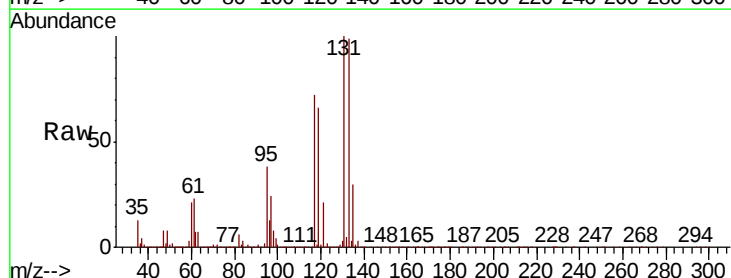
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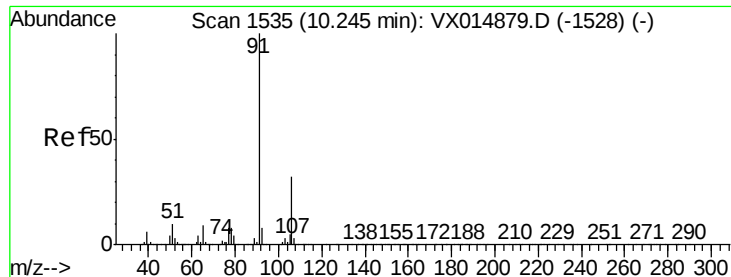
MMDadoda
2/11/2020 10:36:27 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 49.981 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.7	48.1	144.4
119	66.2	33.0	99.0





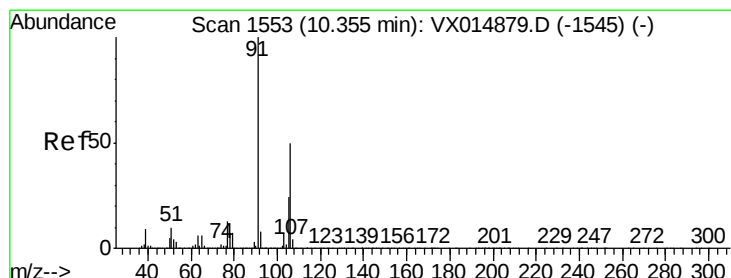
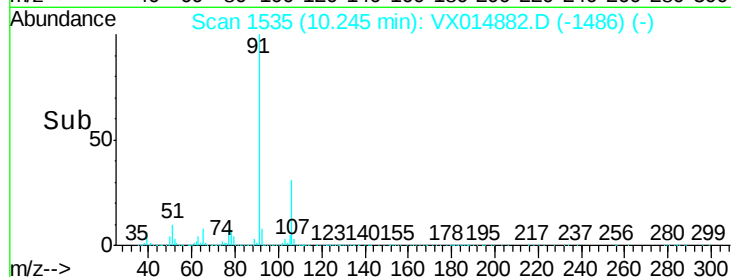
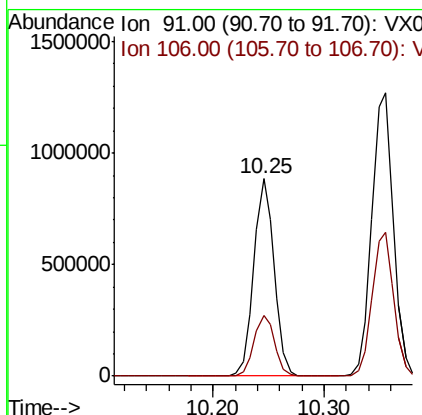
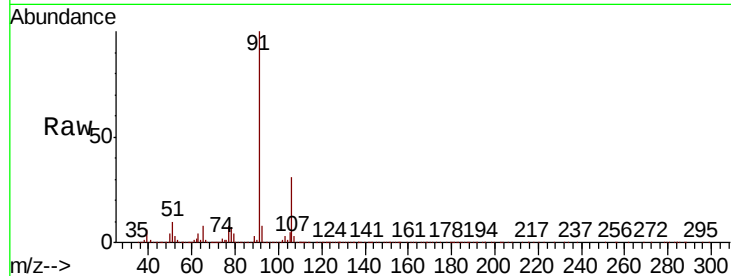
#67
Ethyl Benzene
Concen: 50.462 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

Instrument :
MSVOA_X
ClientSampled :
ICVX021020

Tot Ion: 91 Resp: 1129268
Ion Ratio Lower Upper
91 100
106 30.7 25.3 37.9

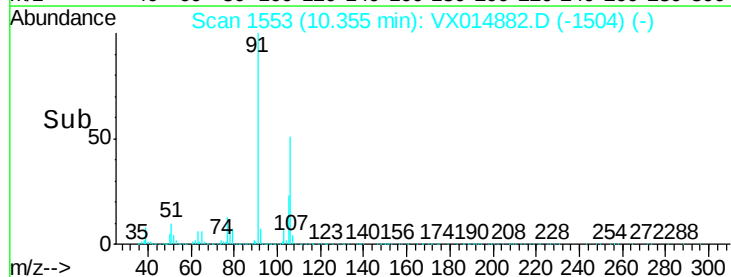
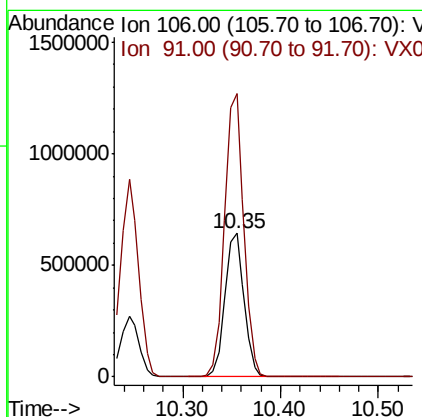
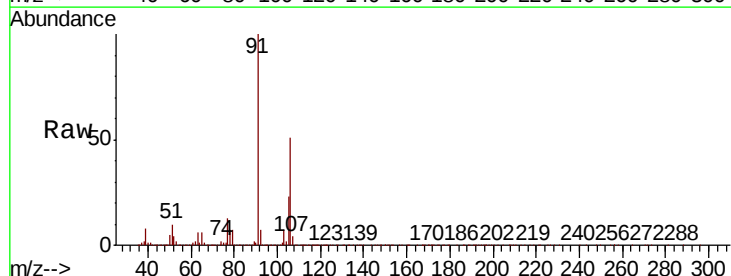
Manual Integrations
APPROVED

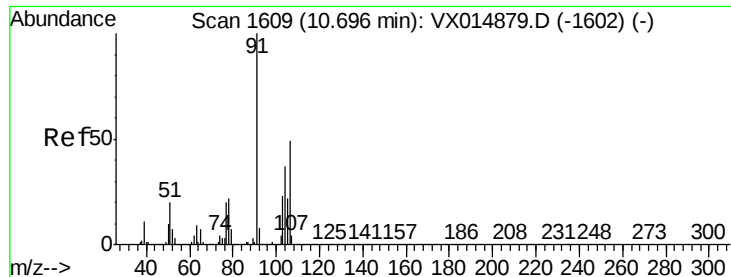
MMDadoda
2/11/2020 10:36:27 AM



#68
m/p-Xylenes
Concen: 101.008 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

Tgt Ion: 106 Resp: 870791
Ion Ratio Lower Upper
106 100
91 197.3 160.6 240.8





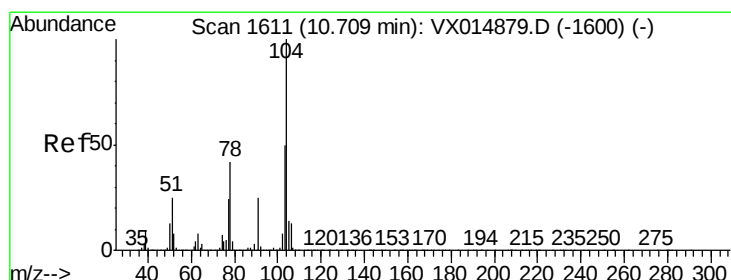
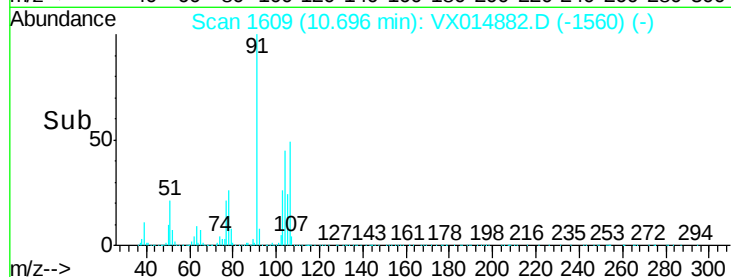
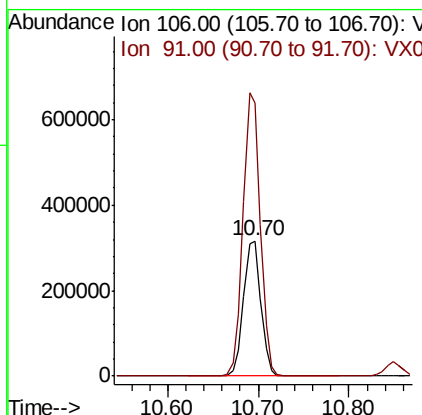
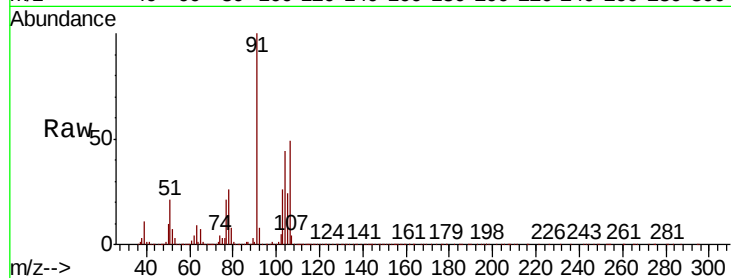
#69
o-Xylene
Concen: 50.684 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX021020

Tot Ion	Ratio	Lower	Upper
106	100		
91	208.2	105.1	315.3

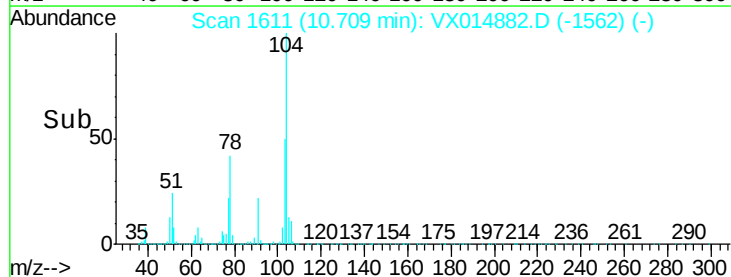
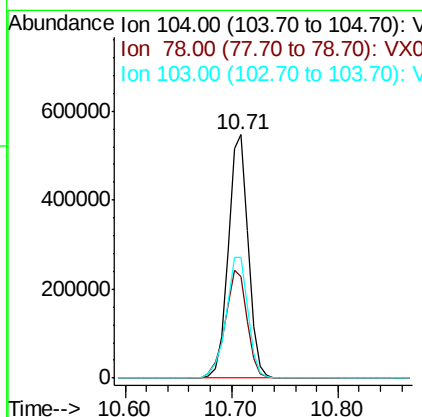
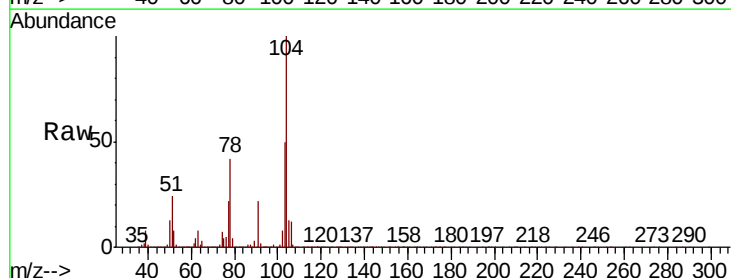
Manual Integrations
APPROVED

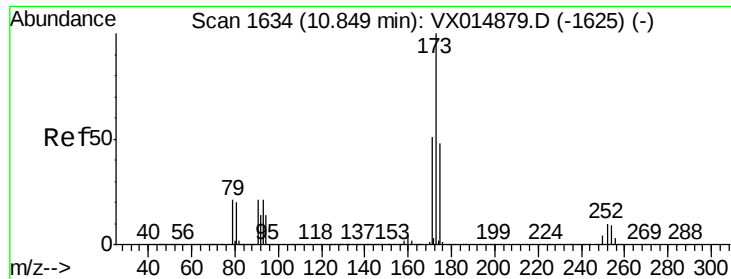
MMDadoda
2/11/2020 10:36:27 AM



#70
Styrene
Concen: 50.956 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.7	39.0	58.4
103	54.8	43.4	65.0





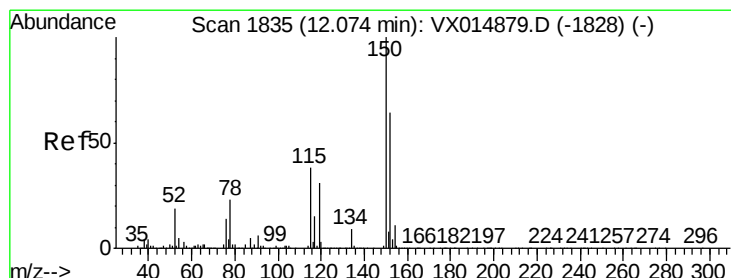
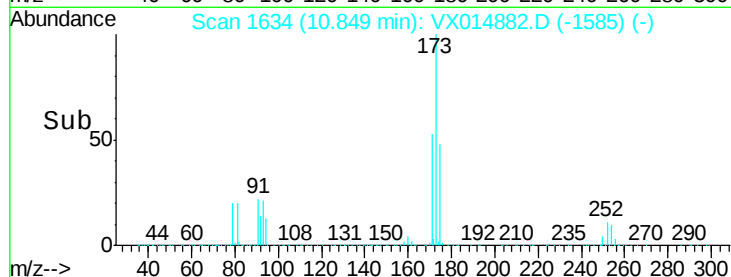
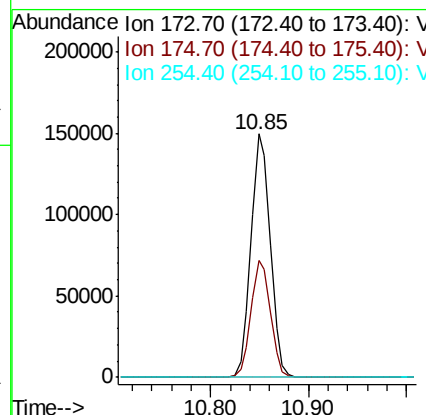
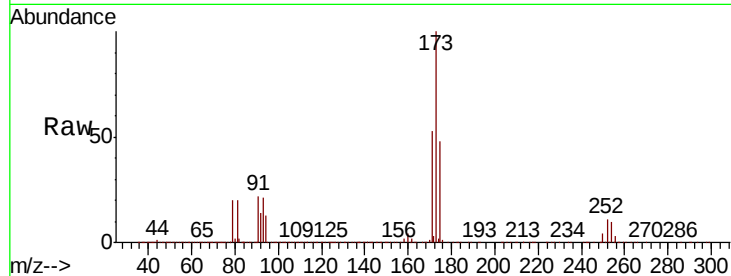
#71
Bromoform
Concen: 51.502 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX021020

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.2	72.6
254	0.2	0.2	0.2

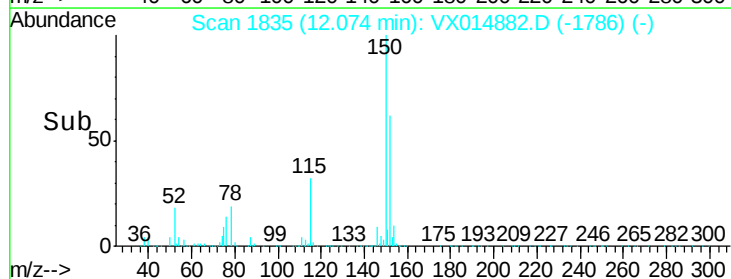
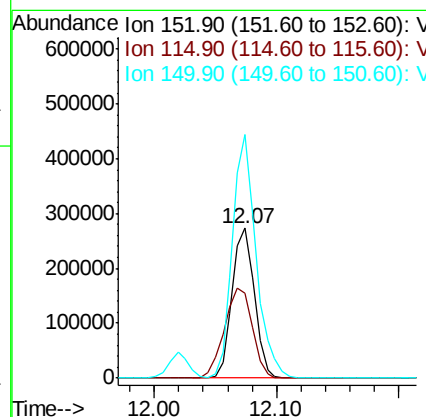
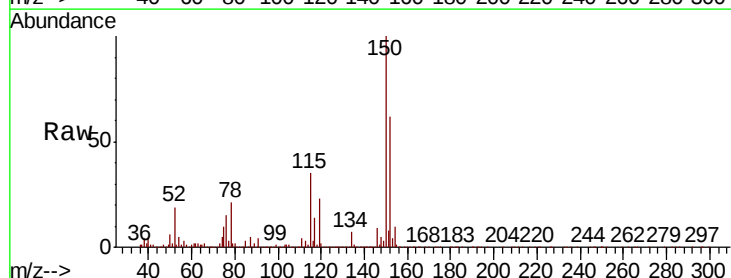
Manual Integrations
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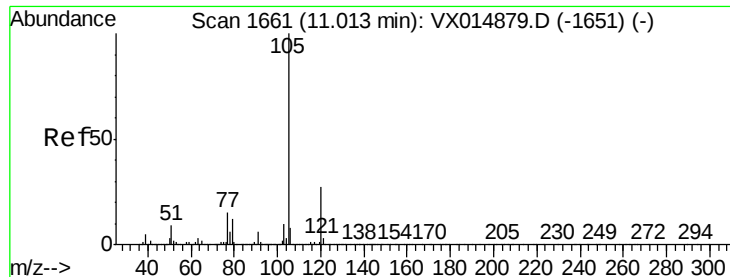
MMDadoda
2/11/2020 10:36:27 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	75.5	38.6	116.0
150	172.3	0.0	349.0





#73

Isopropylbenzene

Concen: 51.998 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

Instrument :

MSVOA_X

ClientSampled :

ICVVX021020

Tot Ion:105 Resp: 1115714

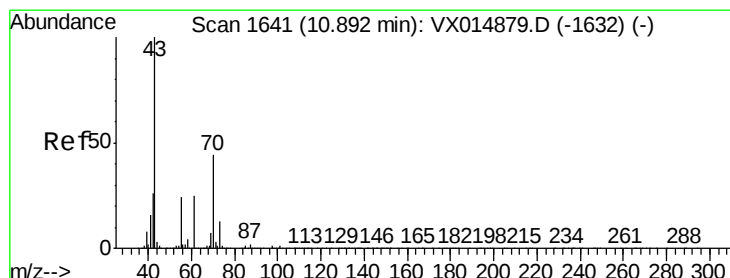
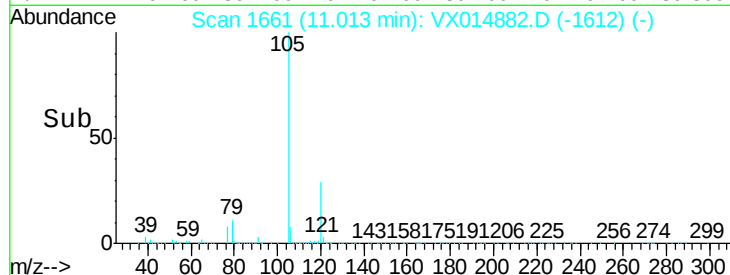
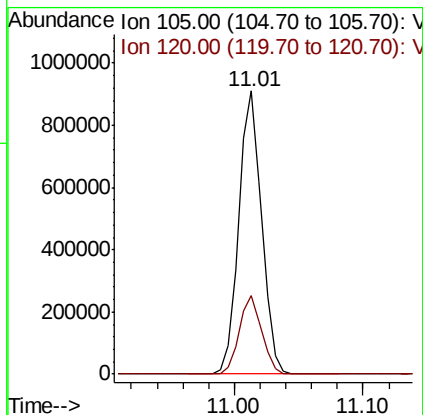
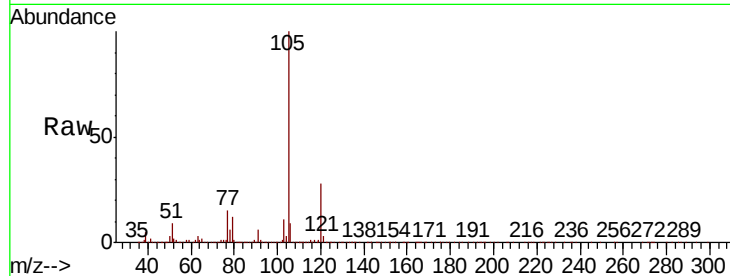
Ion Ratio Lower Upper

105 100

120 27.2 13.6 40.8

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2/11/2020 10:36:27 AM



#74

N-ethyl acetate

Concen: 54.422 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

Tgt Ion: 43 Resp: 485194

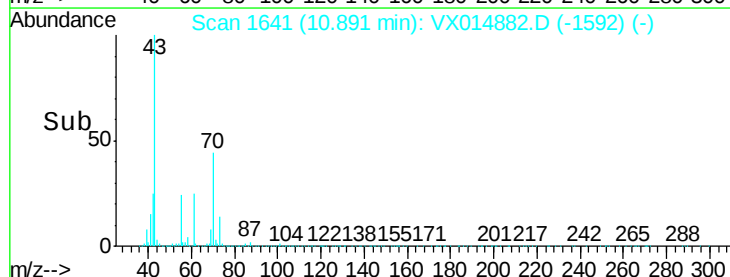
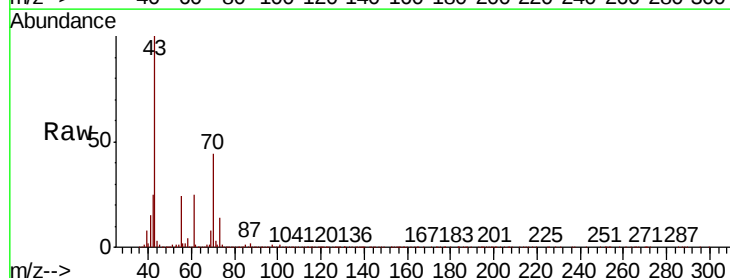
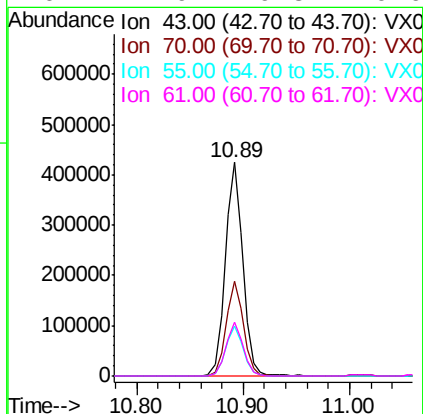
Ion Ratio Lower Upper

43 100

70 44.0 35.0 52.4

55 23.7 19.4 29.2

61 24.9 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 50.693 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

Instrument :

MSVOA_X

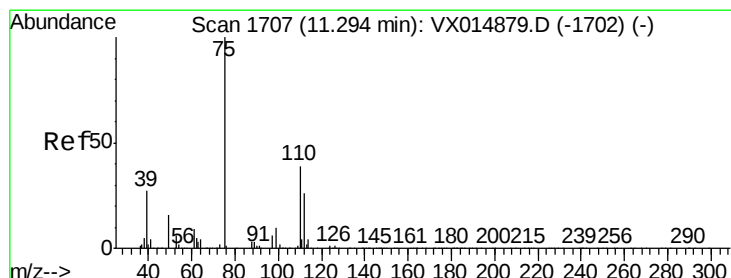
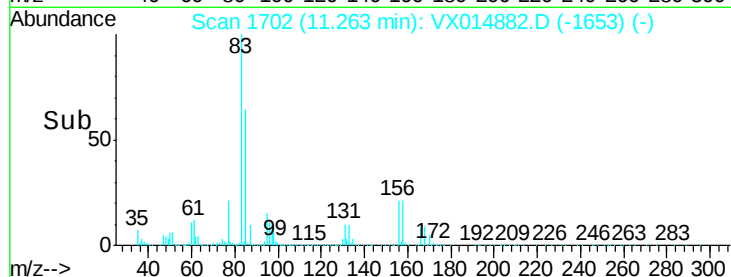
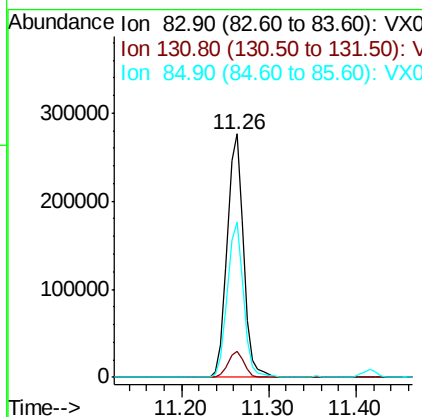
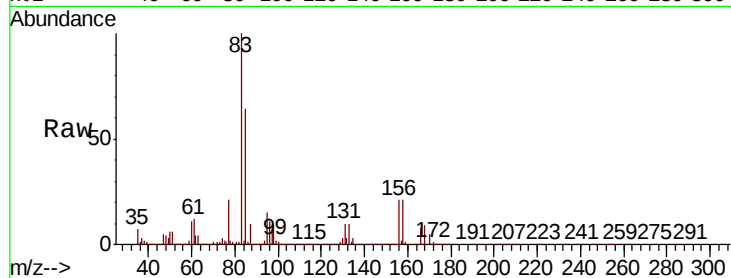
ClientSampleId :

ICVVX021020

Tot Ion:	83	Resp:	355567
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.3	16.1
85	63.4	32.6	97.7

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#76

1,2,3-Trichloropropane

Concen: 47.839 ug/l m

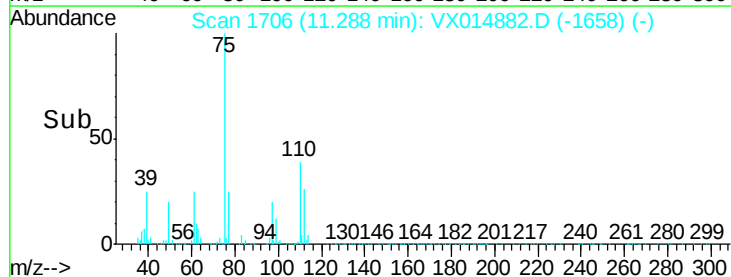
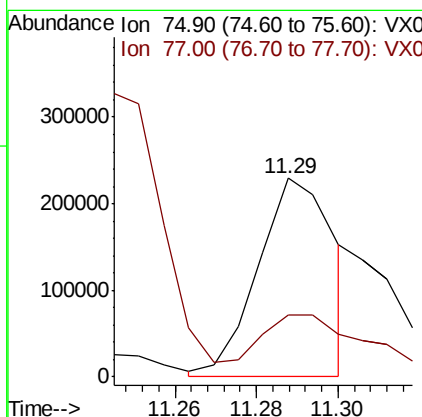
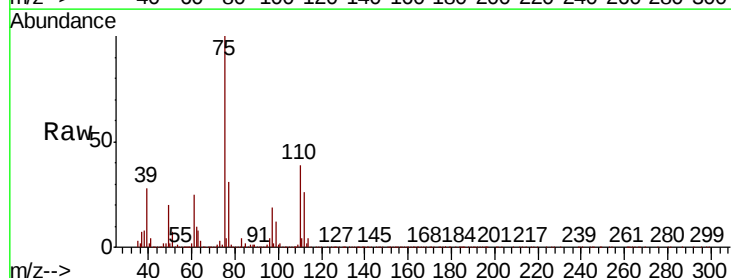
RT: 11.29 min Scan# 1706

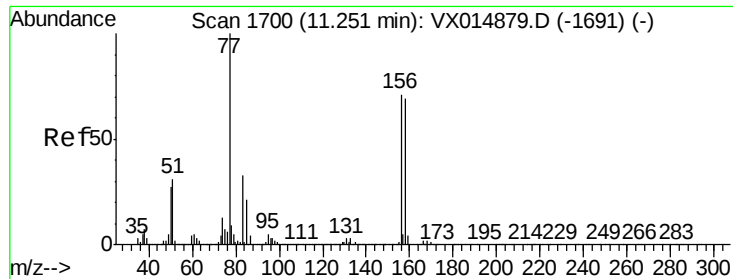
Delta R.T. -0.01 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

Tgt Ion:	75	Resp:	295992
Ion Ratio	Lower	Upper	
75	100		
77	45.2	18.4	55.0





#77

Bromobenzene

Concen: 49.345 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

Instrument :

MSVOA_X

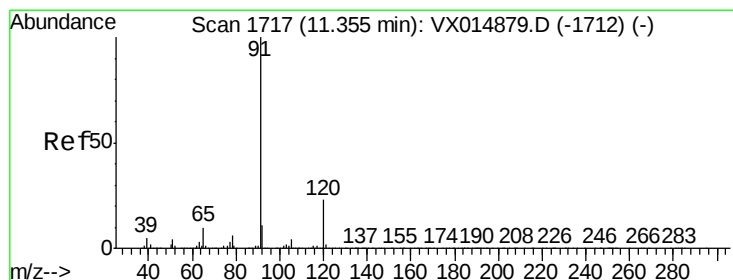
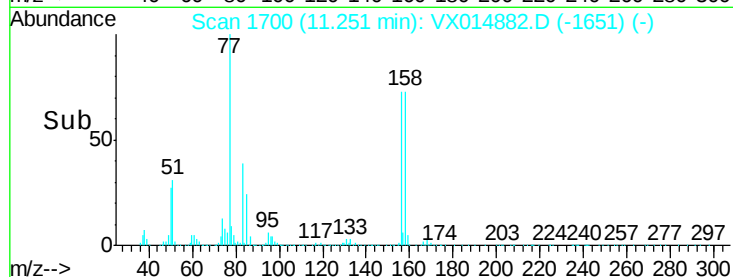
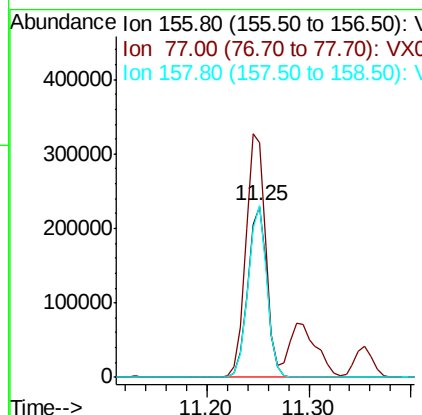
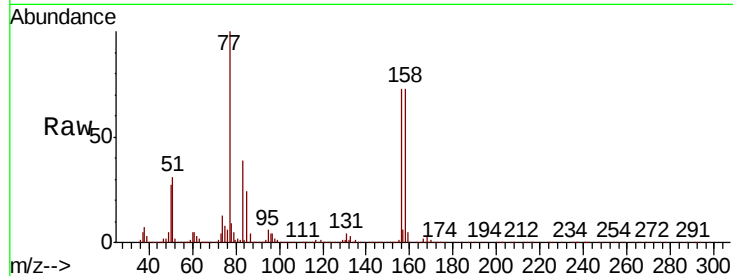
ClientSampleId :

ICVVX021020

Tot Ion	Ratio	Lower	Upper
156	100		
77	145.4	74.0	222.0
158	98.4	48.9	146.6

Manual Integrations
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#78

n-propylbenzene

Concen: 51.588 ug/l

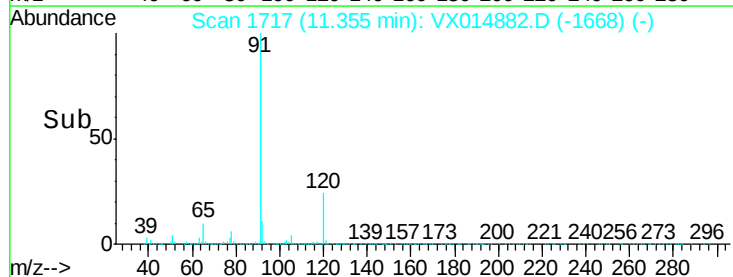
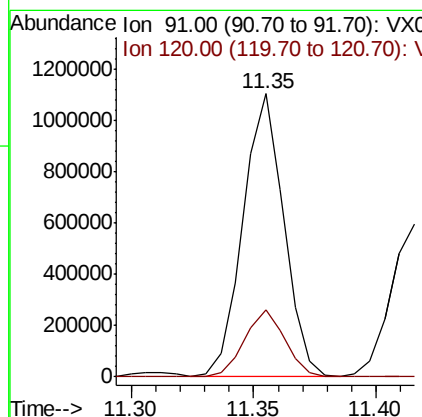
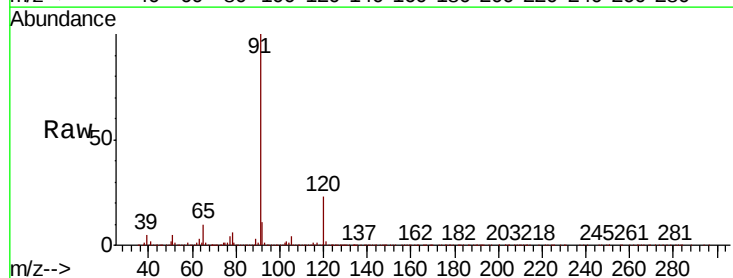
RT: 11.35 min Scan# 1717

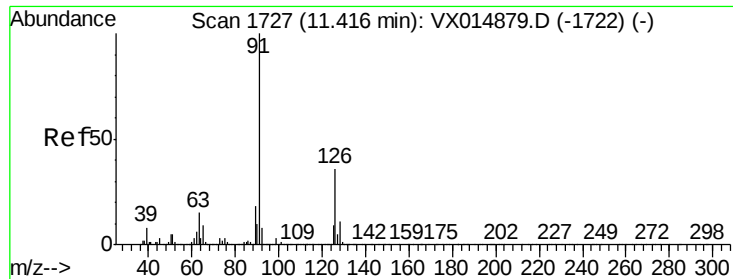
Delta R.T. -0.00 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.6	11.8	35.4





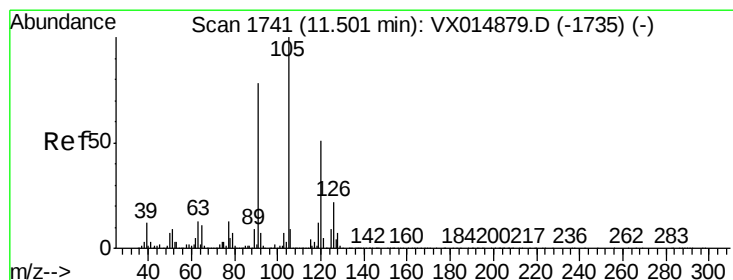
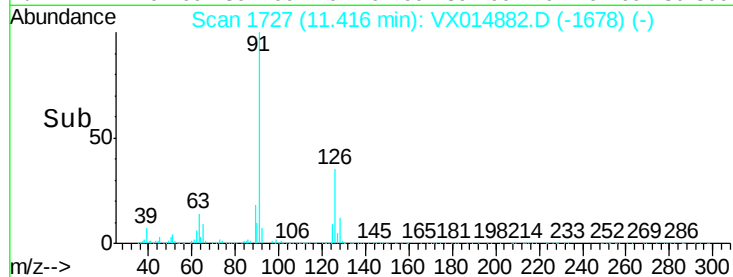
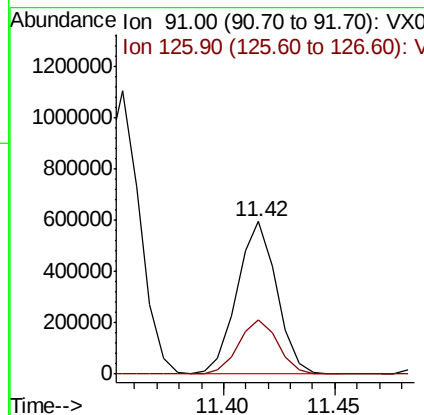
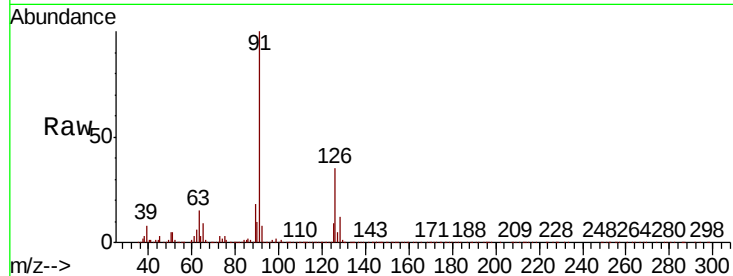
#79
2-Chlorotoluene
Concen: 50.406 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX021020

Tot Ion: 91 Resp: 735416
Ion Ratio Lower Upper
91 100
126 35.5 18.0 54.0

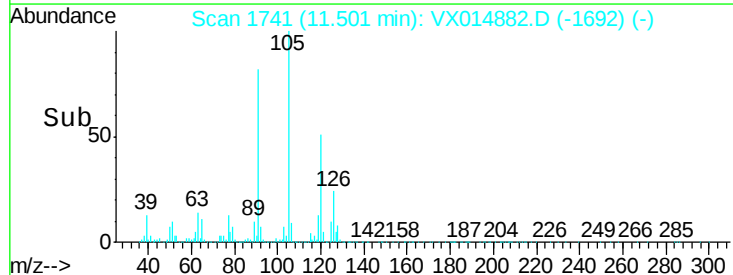
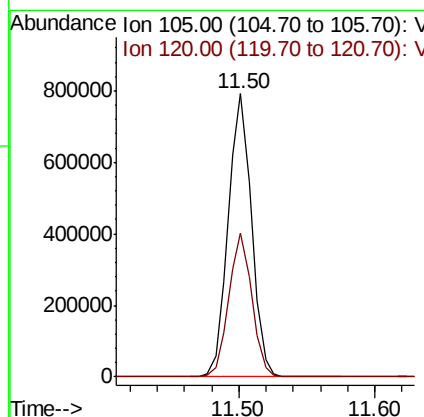
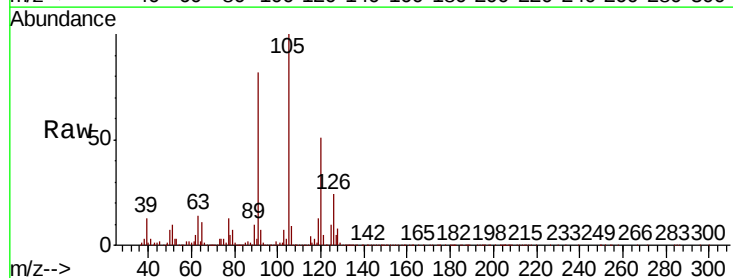
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#80
1,3,5-Trimethylbenzene
Concen: 52.303 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

Tgt Ion: 105 Resp: 937716
Ion Ratio Lower Upper
105 100
120 50.2 25.6 76.6





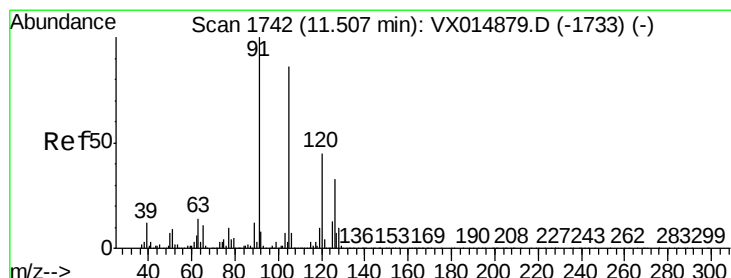
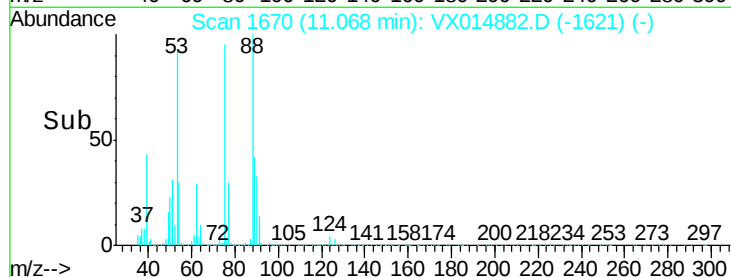
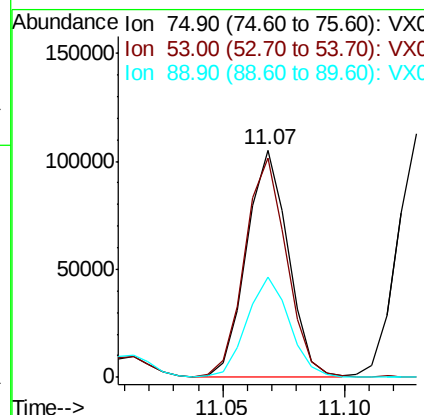
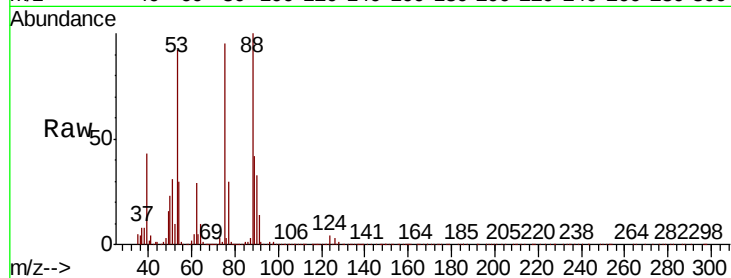
#81
trans-1,4-Dichloro-2-butene
Concen: 51.348 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX021020

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.3	76.2	114.2
89	45.9	35.8	53.6

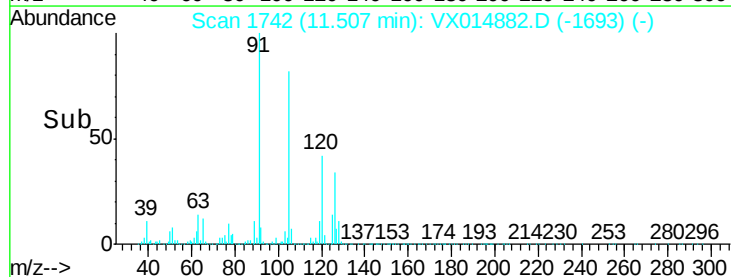
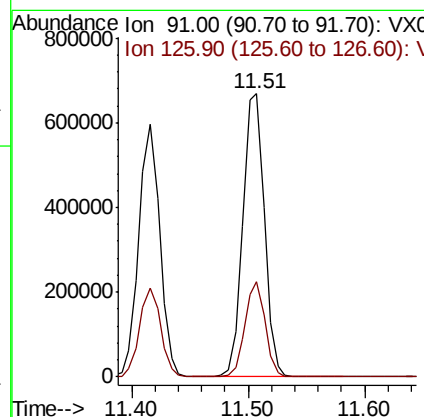
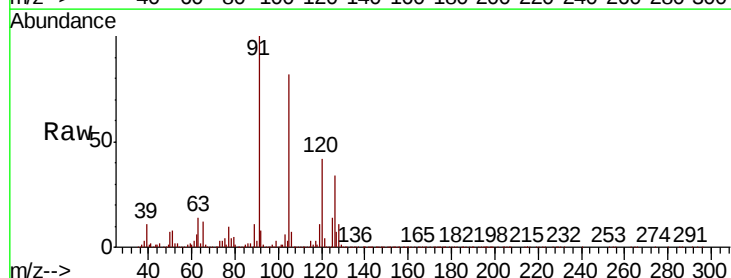
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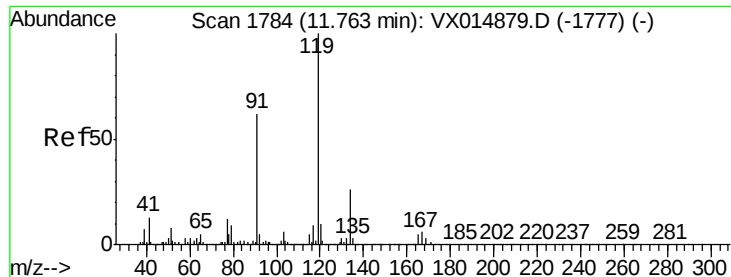
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#82
4-Chlorotoluene
Concen: 50.138 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.5	15.7	47.0





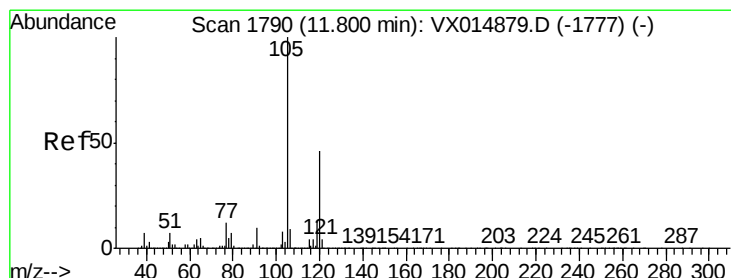
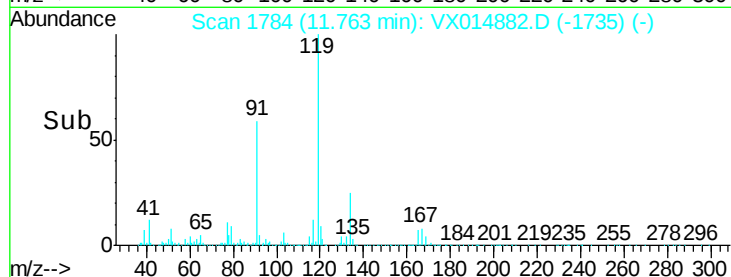
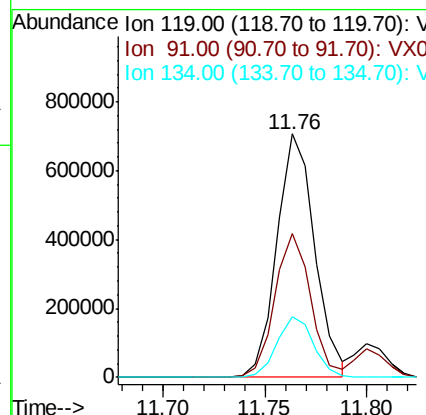
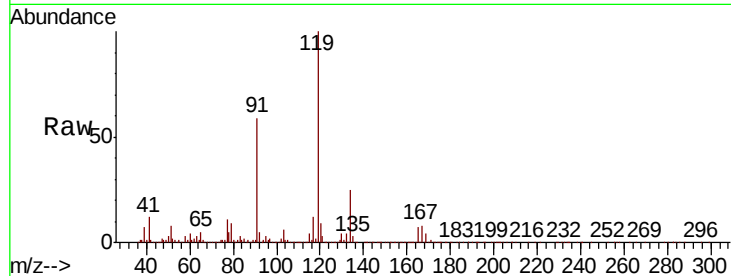
#83
tert-Butylbenzene
Concen: 53.744 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX021020

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.6	29.5	88.6
134	24.2	12.6	37.6

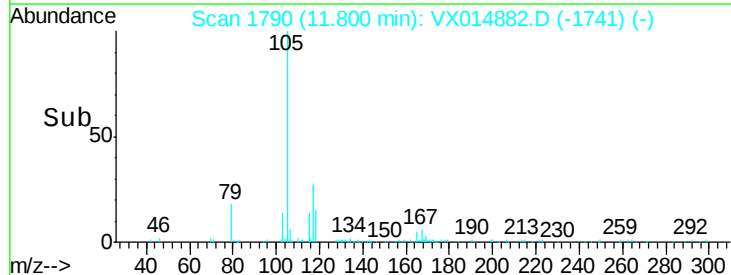
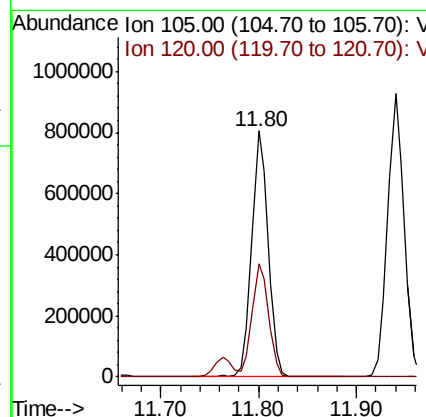
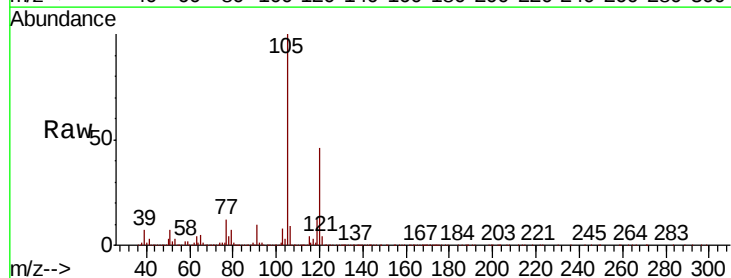
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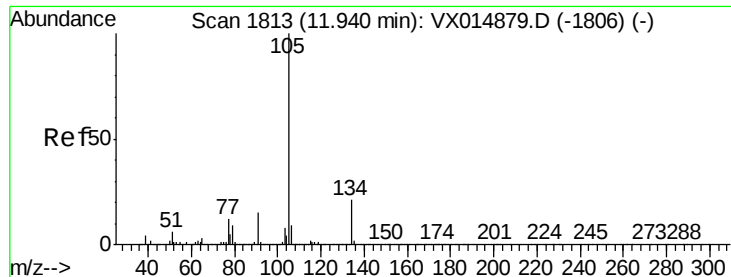
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#84
1,2,4-Trimethylbenzene
Concen: 52.362 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	23.0	69.0





#85

sec-Butylbenzene

Concen: 51.543 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX021020

Tot Ion:105 Resp: 1087094

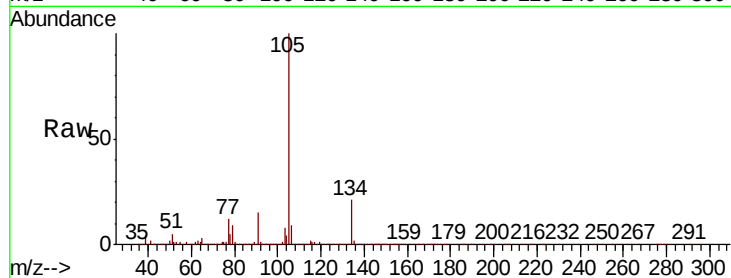
Ion Ratio Lower Upper

105 100

134 21.0 10.6 31.8

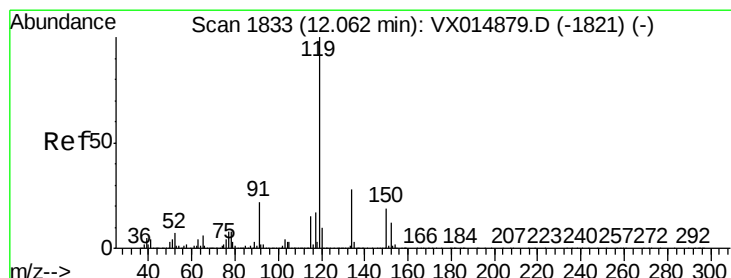
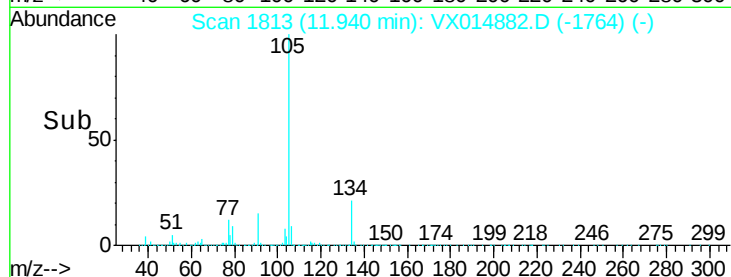
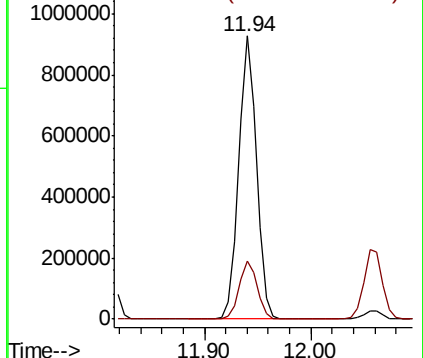
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.601 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

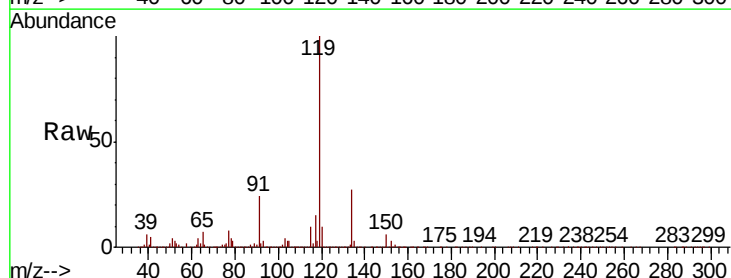
Tgt Ion:119 Resp: 1018420

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.5

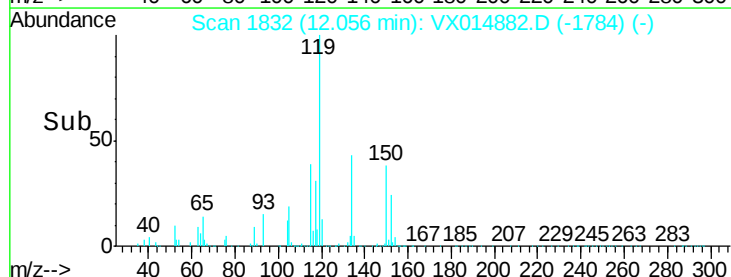
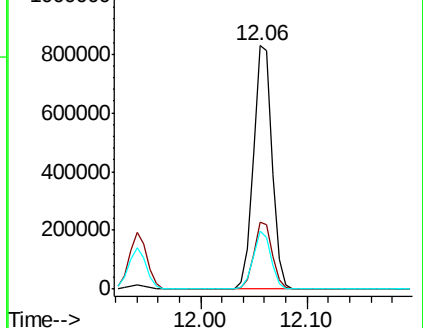
91 22.6 11.4 34.1

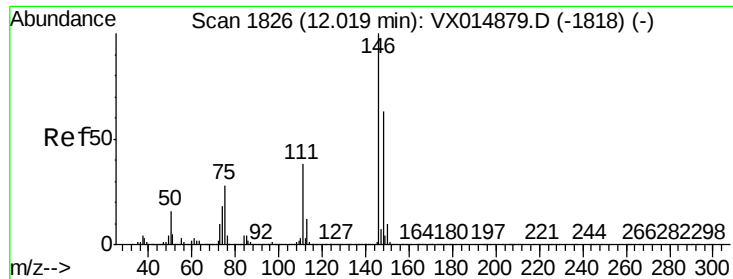


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





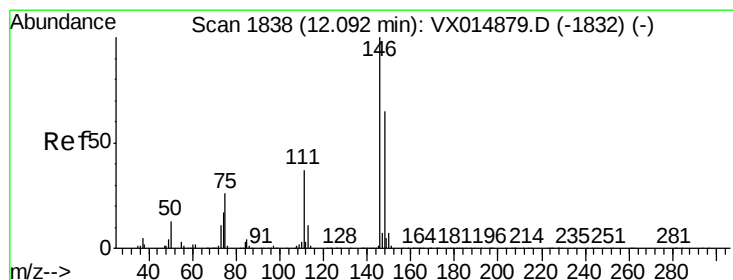
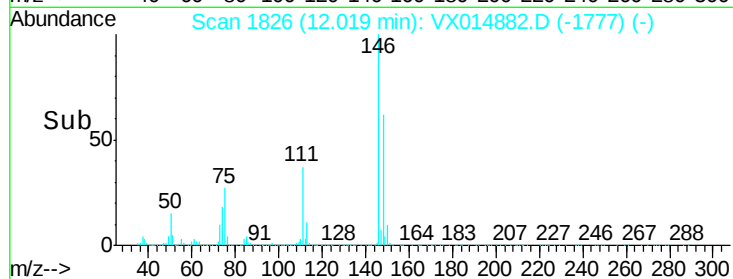
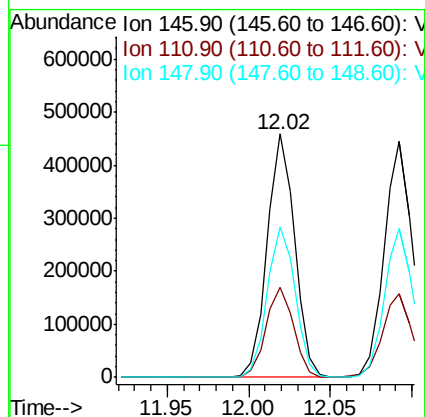
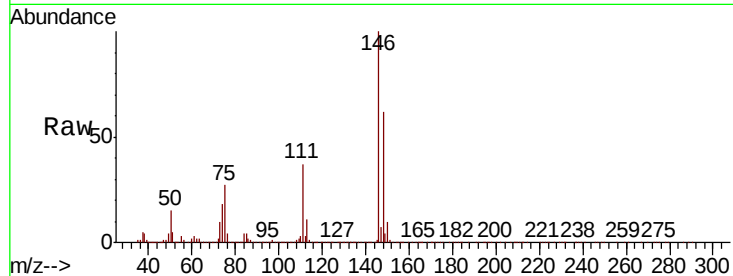
#87
 1,3-Dichlorobenzene
 Concen: 49.882 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX014882.D
 Acq: 10 Feb 2020 12:22

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX021020

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.6	56.0
148	63.1	31.8	95.4

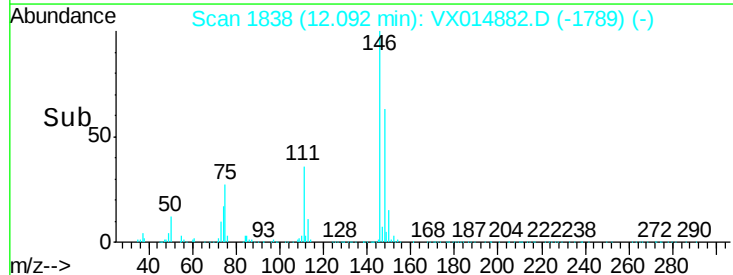
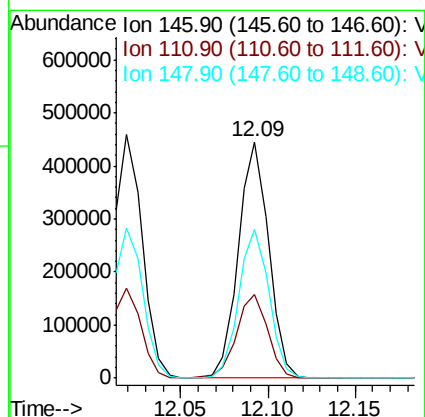
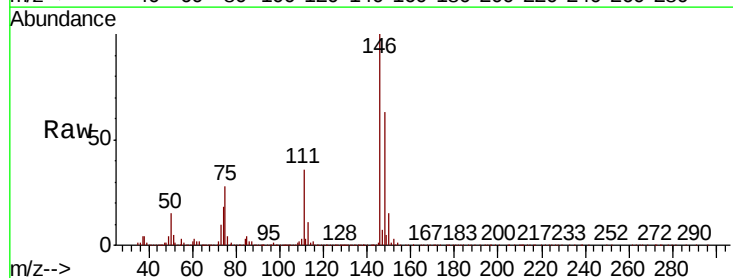
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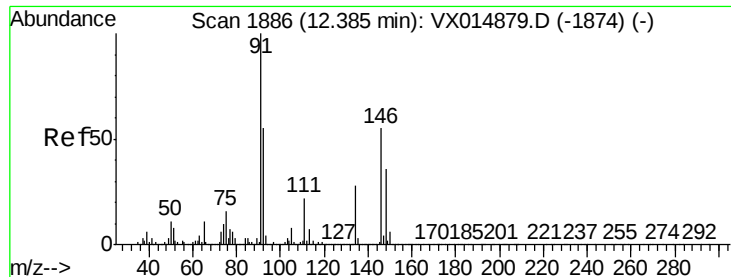
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#88
 1,4-Dichlorobenzene
 Concen: 48.657 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX014882.D
 Acq: 10 Feb 2020 12:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.6	55.6
148	63.5	32.4	97.0





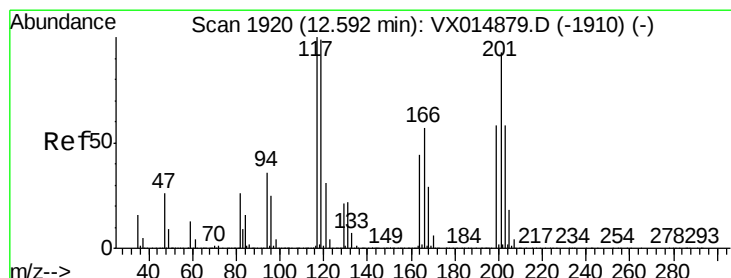
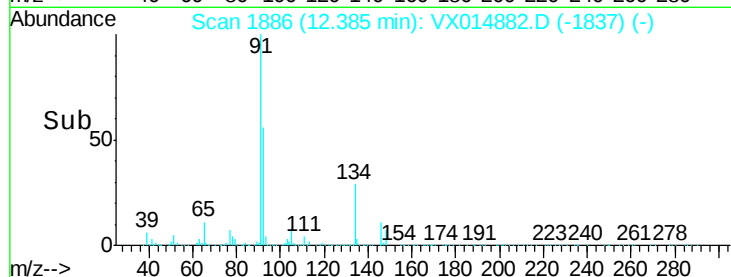
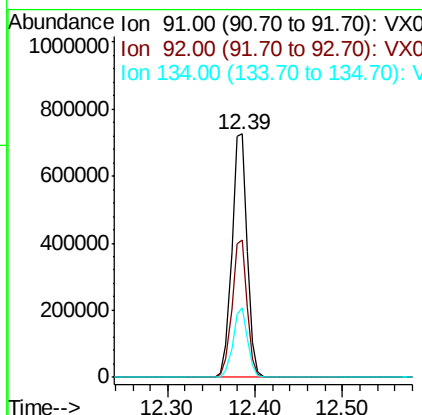
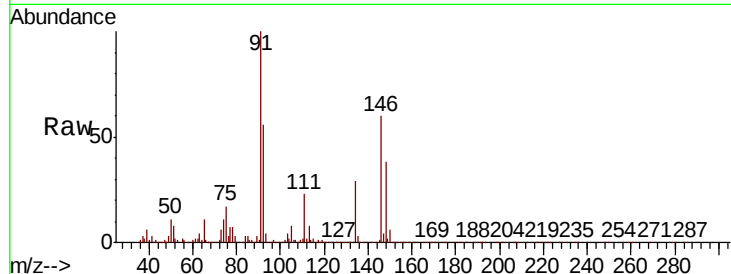
#89
n-Butylbenzene
Concen: 50.375 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX021020

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.3	27.3	81.8
134	27.3	13.8	41.4

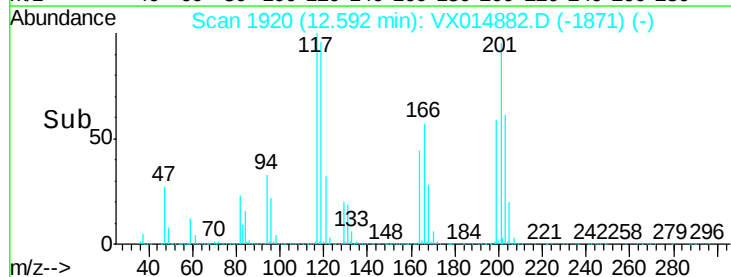
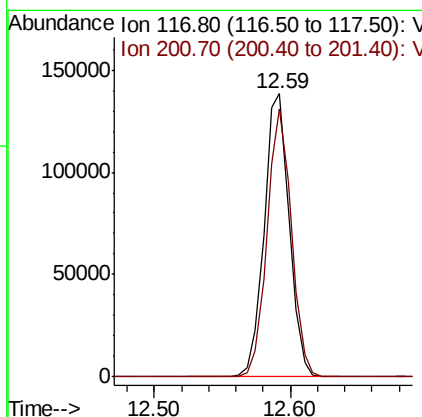
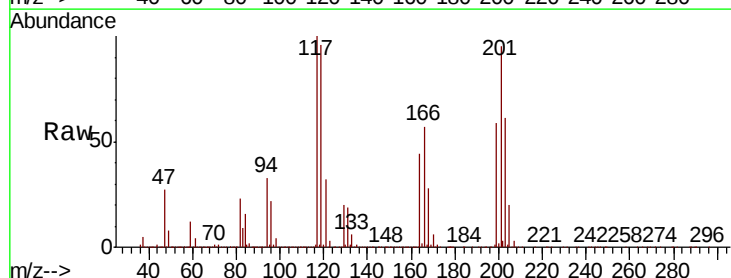
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#90
Hexachloroethane
Concen: 51.956 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

Tgt Ion	Ratio	Lower	Upper
117	100		
201	91.7	44.8	134.3





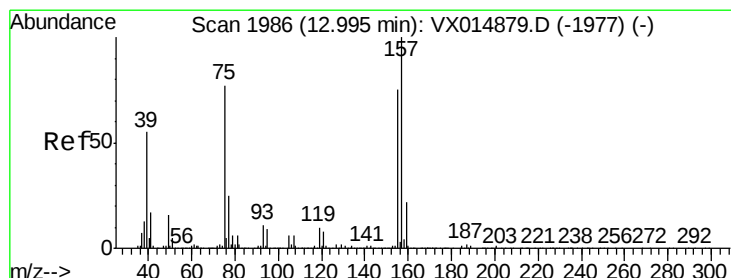
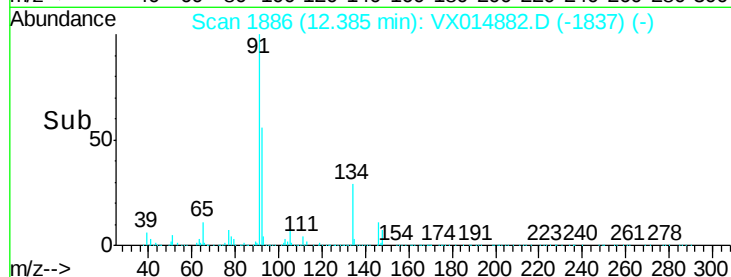
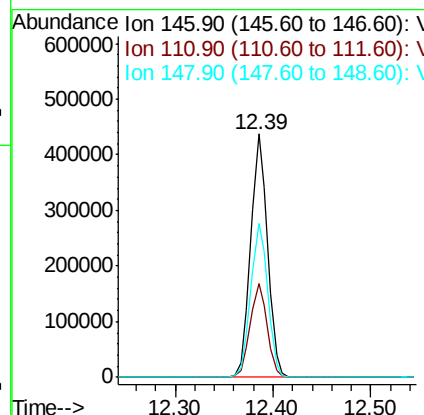
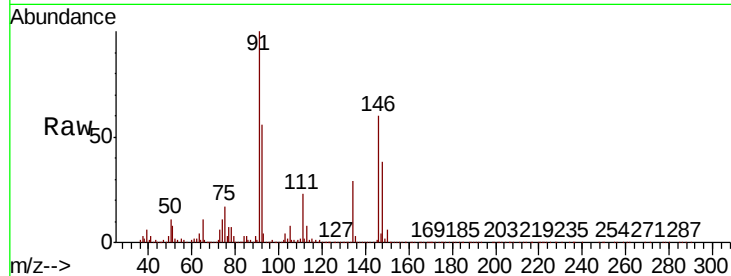
#91
 1,2-Dichlorobenzene
 Concen: 49.683 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX014882.D
 Acq: 10 Feb 2020 12:22

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX021020

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.8	59.3
148	64.3	32.4	97.2

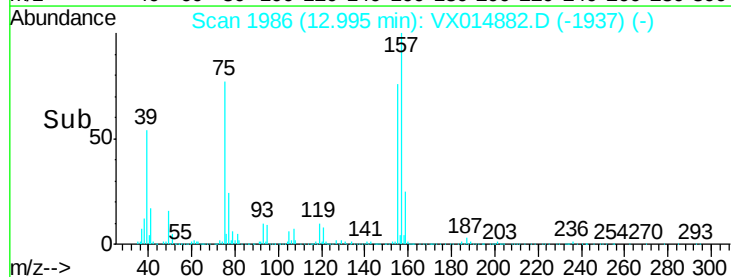
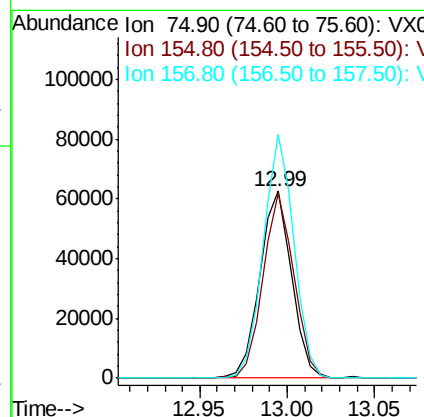
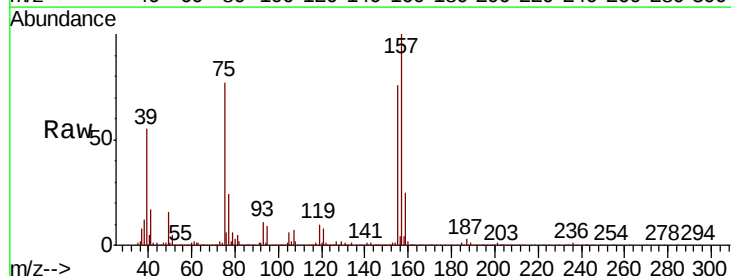
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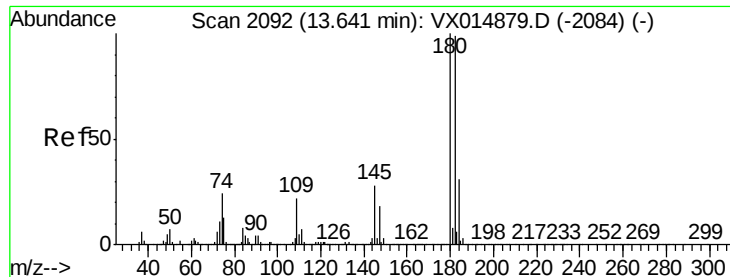
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.874 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX014882.D
 Acq: 10 Feb 2020 12:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.6	48.6	145.9
157	126.2	62.0	186.0





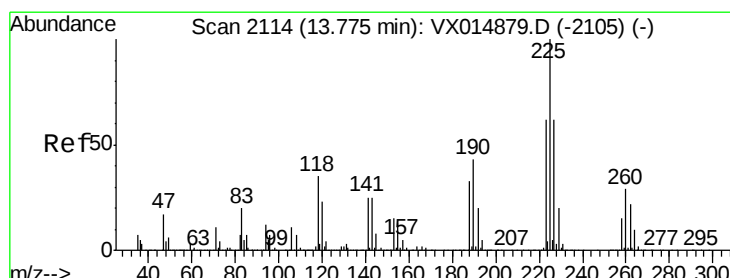
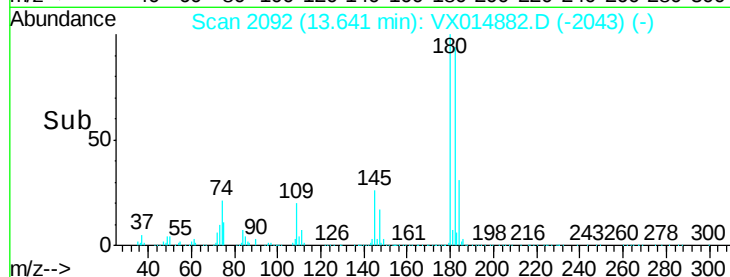
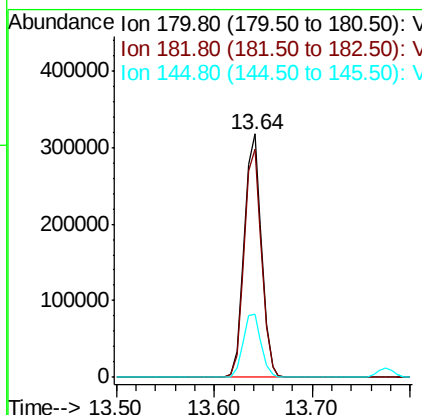
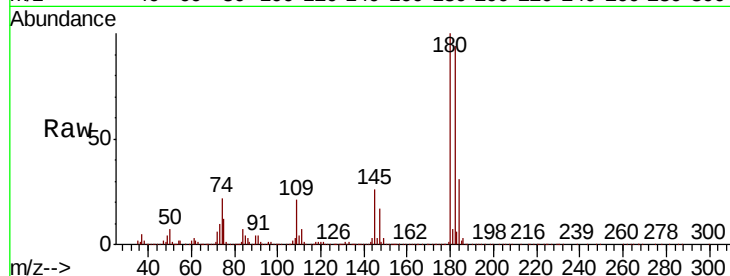
#93
1,2,4-Trichlorobenzene
Concen: 49.793 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX021020

Tot Ion	Ratio	Resp	Lower	Upper
180	100	387234		
182	94.1	48.4	145.3	
145	27.1	14.1	42.4	

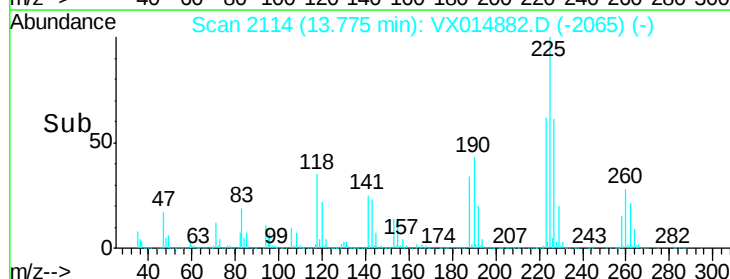
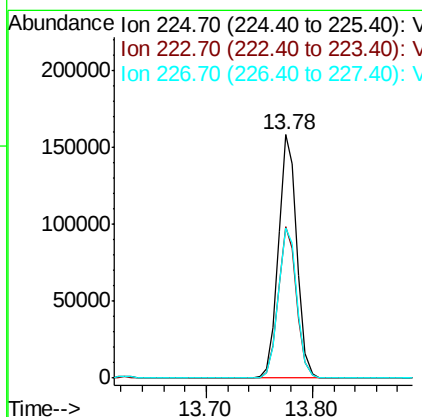
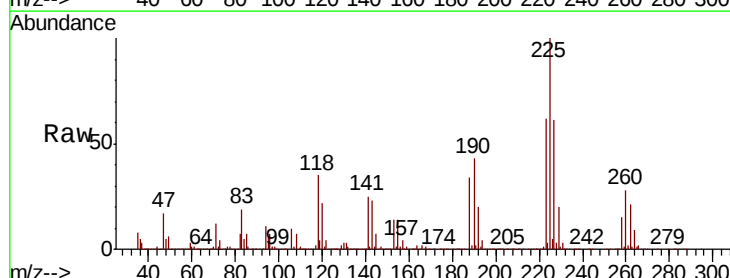
Manual Integrations
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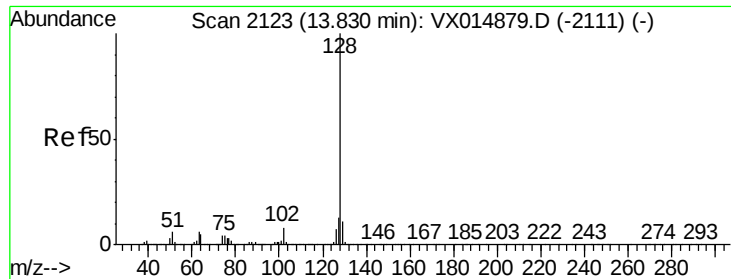
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2/11/2020 10:36:27 AM



#94
Hexachlorobutadiene
Concen: 50.594 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	190310		
223	61.5	31.1	93.2	
227	62.4	30.9	92.5	





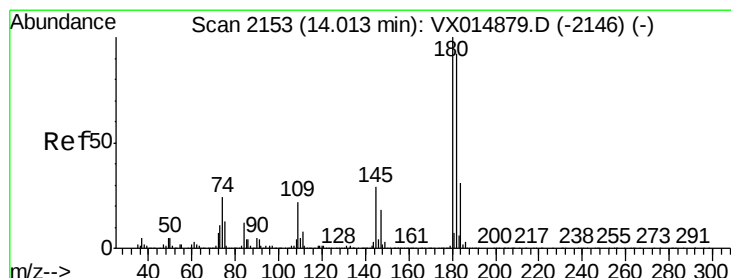
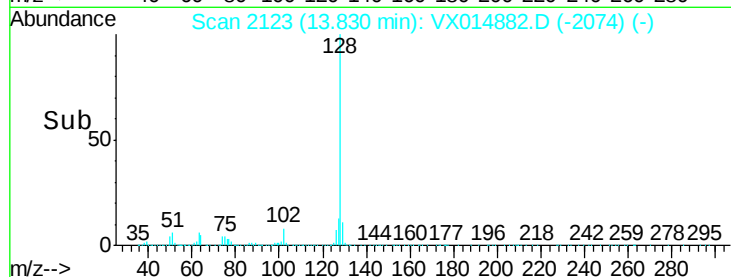
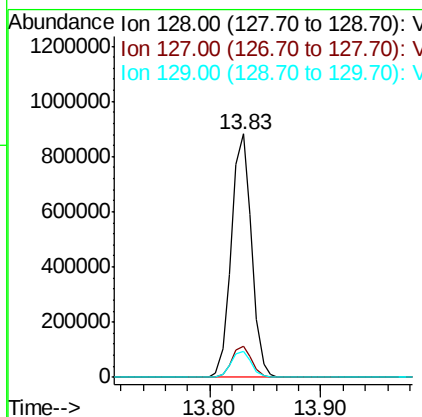
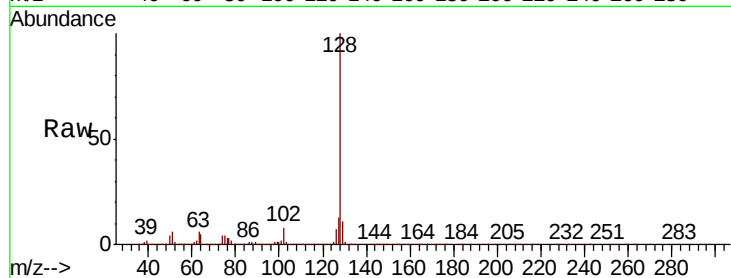
#95
Naphthalene
Concen: 53.195 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX021020

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
2/11/2020 10:36:27 AM



#96
1,2,3-Trichlorobenzene
Concen: 49.639 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.5	142.6
145	29.8	14.5	43.5

